



Summary Report

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

1 Structure Data

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

1.1 Story Data

Table 1.1 - Story Definitions

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

2 Loads

This chapter provides loading information as applied to the model.

2.1 Load Patterns

Table 2.1 - Load Pattern Definitions

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

2.2 Functions

2.2.1 Response Spectrum Functions

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

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

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

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

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

Tc sec	Td sec	Beta	q	Damping Ratio

2.3 Load Cases

Table 2.3 - Load Case Definitions - Summary

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

3 Analysis Results

This chapter provides analysis results.

3.1 Structure Results

Table 3.1 - Base Reactions (Part 1 of 2)

Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Dead	LinStatic		1598.9264	-893.7042	161607.3997	1931574.8836	-2522413	-32979.3781
Live	LinStatic		108.5752	-45.3065	10101.0178	123106.8196	-146454.7777	-1953.6356
FF	LinStatic		1216.0645	-755.0707	128496.0915	1527587.4267	-2016106	-26545.891
PW	LinStatic		1133.3498	-728.1272	121350.6588	1438280.5465	-1914514	-25203.3612
Earthquake+x	LinStatic		-2153.9447	-202.74	-9726.9891	-157905.2033	-287612.1093	15403.8555
Earthquake+y	LinStatic		1146.2688	370.5272	6132.7103	673129.261	-51011.3221	-4450.0649
TH-X Load Case	LinModHist	Max	1567.0561	187.1117	7269.202	204529.9051	213363.6693	11003.3769
TH-X Load Case	LinModHist	Min	-1493.0982	-153.0472	-8764.5502	-239028.0633	-179294.2948	-10507.3419
TH-Y Load Case	LinModHist	Max	1722.0586	192.3751	8752.1924	267079.2192	199827.5969	12766.5238
TH-Y Load Case	LinModHist	Min	-1832.0613	-216.6497	-8512.6201	-277291.5729	-224818.6777	-12390.764
UDCon1	Combination		5330.2601	-3208.8179	555463.1024	6611547.8568	-8711594	-114383.651
UDCon2	Combination		5493.1229	-3276.7776	570614.6291	6796208.0863	-8931277	-117314.1044
UDCon3	Combination	Max	5547.9695	-2203.3824	421753.6573	5138904.8079	-6283606	-74311.3442
UDCon3	Combination	Min	2487.8152	-2543.5413	405719.9051	4695346.8395	-6676264	-95822.063
UDCon4	Combination	Max	5474.0115	-2237.4469	423249.0055	5173402.9661	-6317675	-74807.3792
UDCon4	Combination	Min	2413.8572	-2577.6058	407215.2532	4729844.9977	-6710333	-96318.0979
UDCon5	Combination	Max	5702.9719	-2198.119	423236.6476	5201454.122	-6297142	-72548.1972
UDCon5	Combination	Min	2148.8521	-2607.1438	405971.8352	4657083.3299	-6721788	-97705.4851
UDCon6	Combination	Max	5812.9746	-2173.8444	422997.0754	5211666.4757	-6272151	-72923.957
UDCon6	Combination	Min	2258.8548	-2582.8693	405732.2629	4667295.6836	-6696797	-98081.2449
UDCon7	Combination	Max	5515.3969	-2189.7905	418723.352	5101972.762	-6239669	-73725.2535
UDCon7	Combination	Min	2455.2426	-2529.9494	402689.5998	4658414.7936	-6632327	-95235.9723
UDCon8	Combination	Max	5441.439	-2223.855	420218.7001	5136470.9202	-6273739	-74221.2885
UDCon8	Combination	Min	2381.2847	-2564.0139	404184.9479	4692912.9518	-6666397	-95732.0073
UDCon9	Combination	Max	5670.3993	-2184.527	420206.3423	5164522.0761	-6253205	-71962.1066
UDCon9	Combination	Min	2116.2795	-2593.5519	402941.5298	4620151.284	-6677852	-97119.3944
UDCon10	Combination	Max	5780.4021	-2160.2525	419966.77	5174734.4298	-6228214	-72337.8664
UDCon10	Combination	Min	2226.2822	-2569.2773	402701.9576	4630363.6377	-6652860	-97495.1542

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

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	15.9024	11.9014	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	16.8959	11.6592	0	0	0	0		
1F RF	D1	0	0	14.6281	12.2522	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		-31.274	12.195	0.001912	1	15.9024	11.9014	49
14	D1	Live	LinStatic		-3.223	1.575	0.000133	1	15.9024	11.9014	49
14	D1	FF	LinStatic		-20.357	6.631	0.001302	1	15.9024	11.9014	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		-17.847	5.066	0.001197	1	15.9024	11.9014	49
14	D1	Earthquake+x	LinStatic		126.672	-16.087	-0.003834	1	15.9024	11.9014	49
14	D1	Earthquake+y	LinStatic		-18.678	130.111	0.001289	1	15.9024	11.9014	49
14	D1	TH-X Load Case	LinModHist	Max	71.231	39.448	0.003271	1	15.9024	11.9014	49
14	D1	TH-X Load Case	LinModHist	Min	-92.689	-37.722	-0.003261	1	15.9024	11.9014	49
14	D1	TH-Y Load Case	LinModHist	Max	94.349	41.12	0.002714	1	15.9024	11.9014	49
14	D1	TH-Y Load Case	LinModHist	Min	-88.336	-44.08	-0.003447	1	15.9024	11.9014	49
14	D1	UDCon1	Combination		-93.794	32.254	0.005955	1	15.9024	11.9014	49
14	D1	UDCon2	Combination		-98.628	34.616	0.006155	1	15.9024	11.9014	49
14	D1	UDCon3	Combination	Max	0.787	63.812	0.007722	1	15.9024	11.9014	49
14	D1	UDCon3	Combination	Min	-163.133	-13.358	0.00119	1	15.9024	11.9014	49
14	D1	UDCon4	Combination	Max	22.245	62.086	0.007712	1	15.9024	11.9014	49
14	D1	UDCon4	Combination	Min	-141.675	-15.084	0.00118	1	15.9024	11.9014	49
14	D1	UDCon5	Combination	Max	23.906	65.484	0.007165	1	15.9024	11.9014	49
14	D1	UDCon5	Combination	Min	-158.78	-19.716	0.001003	1	15.9024	11.9014	49
14	D1	UDCon6	Combination	Max	17.892	68.444	0.007898	1	15.9024	11.9014	49
14	D1	UDCon6	Combination	Min	-164.793	-16.756	0.001737	1	15.9024	11.9014	49
14	D1	UDCon7	Combination	Max	1.754	63.34	0.007682	1	15.9024	11.9014	49
14	D1	UDCon7	Combination	Min	-162.166	-13.831	0.00115	1	15.9024	11.9014	49
14	D1	UDCon8	Combination	Max	23.212	61.614	0.007672	1	15.9024	11.9014	49
14	D1	UDCon8	Combination	Min	-140.708	-15.556	0.00114	1	15.9024	11.9014	49
14	D1	UDCon9	Combination	Max	24.872	65.012	0.007125	1	15.9024	11.9014	49
14	D1	UDCon9	Combination	Min	-157.813	-20.189	0.000963	1	15.9024	11.9014	49
14	D1	UDCon10	Combination	Max	18.859	67.972	0.007858	1	15.9024	11.9014	49
14	D1	UDCon10	Combination	Min	-163.827	-17.229	0.001697	1	15.9024	11.9014	49
13	D1	Dead	LinStatic		-30.537	10.875	0.001725	2	15.615	12.0854	45.5
13	D1	Live	LinStatic		-3.06	1.417	0.00012	2	15.615	12.0854	45.5
13	D1	FF	LinStatic		-20.071	5.907	0.001172	2	15.615	12.0854	45.5
13	D1	PW	LinStatic		-17.69	4.495	0.001077	2	15.615	12.0854	45.5
13	D1	Earthquake+x	LinStatic		119.962	-14	-0.003536	2	15.615	12.0854	45.5
13	D1	Earthquake+y	LinStatic		-18.41	119.425	0.001218	2	15.615	12.0854	45.5
13	D1	TH-X Load Case	LinModHist	Max	66.836	35.755	0.003026	2	15.615	12.0854	45.5
13	D1	TH-X Load Case	LinModHist	Min	-87.59	-34.368	-0.003029	2	15.615	12.0854	45.5
13	D1	TH-Y Load Case	LinModHist	Max	89.158	37.443	0.002516	2	15.615	12.0854	45.5
13	D1	TH-Y Load Case	LinModHist	Min	-83.687	-40.211	-0.003185	2	15.615	12.0854	45.5
13	D1	UDCon1	Combination		-92.202	28.723	0.005365	2	15.615	12.0854	45.5
13	D1	UDCon2	Combination		-96.791	30.849	0.005545	2	15.615	12.0854	45.5
13	D1	UDCon3	Combination	Max	-2.379	57.457	0.007036	2	15.615	12.0854	45.5
13	D1	UDCon3	Combination	Min	-156.806	-12.667	0.000981	2	15.615	12.0854	45.5
13	D1	UDCon4	Combination	Max	18.375	56.069	0.007039	2	15.615	12.0854	45.5
13	D1	UDCon4	Combination	Min	-136.052	-14.054	0.000984	2	15.615	12.0854	45.5
13	D1	UDCon5	Combination	Max	19.942	59.144	0.006526	2	15.615	12.0854	45.5
13	D1	UDCon5	Combination	Min	-152.903	-18.51	0.000825	2	15.615	12.0854	45.5
13	D1	UDCon6	Combination	Max	14.472	61.912	0.007195	2	15.615	12.0854	45.5
13	D1	UDCon6	Combination	Min	-158.373	-15.741	0.001494	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	-1.461	57.031	0.007	2	15.615	12.0854	45.5
13	D1	UDCon7	Combination	Min	-155.888	-13.092	0.000945	2	15.615	12.0854	45.5
13	D1	UDCon8	Combination	Max	19.293	55.644	0.007003	2	15.615	12.0854	45.5
13	D1	UDCon8	Combination	Min	-135.134	-14.479	0.000948	2	15.615	12.0854	45.5
13	D1	UDCon9	Combination	Max	20.86	58.719	0.00649	2	15.615	12.0854	45.5
13	D1	UDCon9	Combination	Min	-151.985	-18.935	0.000789	2	15.615	12.0854	45.5
13	D1	UDCon10	Combination	Max	15.39	61.487	0.007159	2	15.615	12.0854	45.5
13	D1	UDCon10	Combination	Min	-157.455	-16.166	0.001458	2	15.615	12.0854	45.5
12F RF	D1	Dead	LinStatic		-29.437	10.086	0.00154	3	15.615	12.0854	42
12F RF	D1	Live	LinStatic		-2.873	1.298	0.000107	3	15.615	12.0854	42
12F RF	D1	FF	LinStatic		-19.535	5.538	0.001042	3	15.615	12.0854	42
12F RF	D1	PW	LinStatic		-17.302	4.248	0.000957	3	15.615	12.0854	42
12F RF	D1	Earthquake+x	LinStatic		112.318	-13.016	-0.003235	3	15.615	12.0854	42
12F RF	D1	Earthquake+y	LinStatic		-17.891	109.039	0.001143	3	15.615	12.0854	42
12F RF	D1	TH-X Load Case	LinModHist	Max	61.808	32.69	0.002778	3	15.615	12.0854	42
12F RF	D1	TH-X Load Case	LinModHist	Min	-81.806	-31.428	-0.002792	3	15.615	12.0854	42
12F RF	D1	TH-Y Load Case	LinModHist	Max	83.176	34.204	0.002315	3	15.615	12.0854	42
12F RF	D1	TH-Y Load Case	LinModHist	Min	-78.417	-36.788	-0.00292	3	15.615	12.0854	42
12F RF	D1	UDCon1	Combination		-89.469	26.828	0.004777	3	15.615	12.0854	42
12F RF	D1	UDCon2	Combination		-93.778	28.775	0.004938	3	15.615	12.0854	42
12F RF	D1	UDCon3	Combination	Max	-5.327	52.951	0.006349	3	15.615	12.0854	42
12F RF	D1	UDCon3	Combination	Min	-148.941	-11.166	0.000778	3	15.615	12.0854	42
12F RF	D1	UDCon4	Combination	Max	14.671	51.69	0.006363	3	15.615	12.0854	42
12F RF	D1	UDCon4	Combination	Min	-128.943	-12.428	0.000792	3	15.615	12.0854	42
12F RF	D1	UDCon5	Combination	Max	16.041	54.466	0.005886	3	15.615	12.0854	42
12F RF	D1	UDCon5	Combination	Min	-145.552	-16.526	0.000651	3	15.615	12.0854	42
12F RF	D1	UDCon6	Combination	Max	11.282	57.05	0.00649	3	15.615	12.0854	42
12F RF	D1	UDCon6	Combination	Min	-150.311	-13.943	0.001255	3	15.615	12.0854	42
12F RF	D1	UDCon7	Combination	Max	-4.465	52.562	0.006317	3	15.615	12.0854	42
12F RF	D1	UDCon7	Combination	Min	-148.079	-11.556	0.000746	3	15.615	12.0854	42
12F RF	D1	UDCon8	Combination	Max	15.532	51.3	0.006331	3	15.615	12.0854	42
12F RF	D1	UDCon8	Combination	Min	-128.081	-12.817	0.00076	3	15.615	12.0854	42
12F RF	D1	UDCon9	Combination	Max	16.903	54.077	0.005854	3	15.615	12.0854	42
12F RF	D1	UDCon9	Combination	Min	-144.69	-16.915	0.000619	3	15.615	12.0854	42
12F RF	D1	UDCon10	Combination	Max	12.144	56.66	0.006458	3	15.615	12.0854	42
12F RF	D1	UDCon10	Combination	Min	-149.449	-14.332	0.001223	3	15.615	12.0854	42
11F RF	D1	Dead	LinStatic		-28.337	9.294	0.001356	4	15.615	12.0854	38.5
11F RF	D1	Live	LinStatic		-2.688	1.181	9.4E-05	4	15.615	12.0854	38.5
11F RF	D1	FF	LinStatic		-18.998	5.163	0.000913	4	15.615	12.0854	38.5
11F RF	D1	PW	LinStatic		-16.91	3.994	0.000838	4	15.615	12.0854	38.5
11F RF	D1	Earthquake+x	LinStatic		104.448	-12.03	-0.002933	4	15.615	12.0854	38.5
11F RF	D1	Earthquake+y	LinStatic		-17.353	98.605	0.001063	4	15.615	12.0854	38.5
11F RF	D1	TH-X Load Case	LinModHist	Max	57.429	29.603	0.002528	4	15.615	12.0854	38.5
11F RF	D1	TH-X Load Case	LinModHist	Min	-75.871	-28.475	-0.002552	4	15.615	12.0854	38.5
11F RF	D1	TH-Y Load Case	LinModHist	Max	77.054	30.947	0.002112	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	-72.987	-33.353	-0.002652	4	15.615	12.0854	38.5
11F RF	D1	UDCon1	Combination		-86.731	24.91	0.004195	4	15.615	12.0854	38.5
11F RF	D1	UDCon2	Combination		-90.762	26.681	0.004337	4	15.615	12.0854	38.5
11F RF	D1	UDCon3	Combination	Max	-7.622	48.409	0.005664	4	15.615	12.0854	38.5
11F RF	D1	UDCon3	Combination	Min	-140.923	-9.669	0.000584	4	15.615	12.0854	38.5
11F RF	D1	UDCon4	Combination	Max	10.82	47.281	0.005687	4	15.615	12.0854	38.5
11F RF	D1	UDCon4	Combination	Min	-122.481	-10.797	0.000608	4	15.615	12.0854	38.5
11F RF	D1	UDCon5	Combination	Max	12.003	49.753	0.005247	4	15.615	12.0854	38.5
11F RF	D1	UDCon5	Combination	Min	-138.039	-14.547	0.000483	4	15.615	12.0854	38.5
11F RF	D1	UDCon6	Combination	Max	7.936	52.159	0.005788	4	15.615	12.0854	38.5
11F RF	D1	UDCon6	Combination	Min	-142.106	-12.141	0.001024	4	15.615	12.0854	38.5
11F RF	D1	UDCon7	Combination	Max	-6.816	48.055	0.005636	4	15.615	12.0854	38.5
11F RF	D1	UDCon7	Combination	Min	-140.117	-10.023	0.000556	4	15.615	12.0854	38.5
11F RF	D1	UDCon8	Combination	Max	11.626	46.926	0.005659	4	15.615	12.0854	38.5
11F RF	D1	UDCon8	Combination	Min	-121.674	-11.152	0.000579	4	15.615	12.0854	38.5
11F RF	D1	UDCon9	Combination	Max	12.809	49.399	0.005219	4	15.615	12.0854	38.5
11F RF	D1	UDCon9	Combination	Min	-137.233	-14.902	0.000455	4	15.615	12.0854	38.5
11F RF	D1	UDCon10	Combination	Max	8.742	51.805	0.00576	4	15.615	12.0854	38.5
11F RF	D1	UDCon10	Combination	Min	-141.299	-12.496	0.000996	4	15.615	12.0854	38.5
10F RF	D1	Dead	LinStatic		-27.247	8.515	0.001175	5	15.615	12.0854	35
10F RF	D1	Live	LinStatic		-2.506	1.066	8.2E-05	5	15.615	12.0854	35
10F RF	D1	FF	LinStatic		-18.464	4.793	0.000787	5	15.615	12.0854	35
10F RF	D1	PW	LinStatic		-16.521	3.743	0.000722	5	15.615	12.0854	35
10F RF	D1	Earthquake+x	LinStatic		96.364	-11.037	-0.00263	5	15.615	12.0854	35
10F RF	D1	Earthquake+y	LinStatic		-16.792	88.162	0.000979	5	15.615	12.0854	35
10F RF	D1	TH-X Load Case	LinModHist	Max	53.666	26.507	0.002276	5	15.615	12.0854	35
10F RF	D1	TH-X Load Case	LinModHist	Min	-69.806	-25.518	-0.002308	5	15.615	12.0854	35
10F RF	D1	TH-Y Load Case	LinModHist	Max	70.813	27.683	0.001905	5	15.615	12.0854	35
10F RF	D1	TH-Y Load Case	LinModHist	Min	-67.405	-29.917	-0.002384	5	15.615	12.0854	35
10F RF	D1	UDCon1	Combination		-84.013	23.018	0.003622	5	15.615	12.0854	35
10F RF	D1	UDCon2	Combination		-87.772	24.617	0.003745	5	15.615	12.0854	35
10F RF	D1	UDCon3	Combination	Max	-9.318	43.877	0.004984	5	15.615	12.0854	35
10F RF	D1	UDCon3	Combination	Min	-132.79	-8.148	0.0004	5	15.615	12.0854	35
10F RF	D1	UDCon4	Combination	Max	6.822	42.888	0.005015	5	15.615	12.0854	35
10F RF	D1	UDCon4	Combination	Min	-116.65	-9.137	0.000432	5	15.615	12.0854	35
10F RF	D1	UDCon5	Combination	Max	7.829	45.053	0.004613	5	15.615	12.0854	35
10F RF	D1	UDCon5	Combination	Min	-130.389	-12.547	0.000324	5	15.615	12.0854	35
10F RF	D1	UDCon6	Combination	Max	4.421	47.287	0.005091	5	15.615	12.0854	35
10F RF	D1	UDCon6	Combination	Min	-133.797	-10.313	0.000803	5	15.615	12.0854	35
10F RF	D1	UDCon7	Combination	Max	-8.566	43.558	0.004959	5	15.615	12.0854	35
10F RF	D1	UDCon7	Combination	Min	-132.038	-8.467	0.000375	5	15.615	12.0854	35
10F RF	D1	UDCon8	Combination	Max	7.574	42.568	0.004991	5	15.615	12.0854	35
10F RF	D1	UDCon8	Combination	Min	-115.898	-9.457	0.000407	5	15.615	12.0854	35
10F RF	D1	UDCon9	Combination	Max	8.581	44.734	0.004588	5	15.615	12.0854	35
10F RF	D1	UDCon9	Combination	Min	-129.637	-12.867	0.000299	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	5.173	46.967	0.005067	5	15.615	12.0854	35
10F RF	D1	UDCon10	Combination	Min	-133.045	-10.633	0.000778	5	15.615	12.0854	35
9F RF	D1	Dead	LinStatic		-26.171	7.756	0.000997	6	15.615	12.0854	31.5
9F RF	D1	Live	LinStatic		-2.328	0.953	6.9E-05	6	15.615	12.0854	31.5
9F RF	D1	FF	LinStatic		-17.938	4.435	0.000663	6	15.615	12.0854	31.5
9F RF	D1	PW	LinStatic		-16.135	3.502	0.000607	6	15.615	12.0854	31.5
9F RF	D1	Earthquake+x	LinStatic		88.091	-10.033	-0.002327	6	15.615	12.0854	31.5
9F RF	D1	Earthquake+y	LinStatic		-16.197	77.752	0.000891	6	15.615	12.0854	31.5
9F RF	D1	TH-X Load Case	LinModHist	Max	49.726	23.413	0.002023	6	15.615	12.0854	31.5
9F RF	D1	TH-X Load Case	LinModHist	Min	-63.636	-22.567	-0.002061	6	15.615	12.0854	31.5
9F RF	D1	TH-Y Load Case	LinModHist	Max	64.48	24.425	0.001696	6	15.615	12.0854	31.5
9F RF	D1	TH-Y Load Case	LinModHist	Min	-61.684	-26.49	-0.002115	6	15.615	12.0854	31.5
9F RF	D1	UDCon1	Combination		-81.328	21.185	0.003061	6	15.615	12.0854	31.5
9F RF	D1	UDCon2	Combination		-84.82	22.615	0.003165	6	15.615	12.0854	31.5
9F RF	D1	UDCon3	Combination	Max	-11.215	39.392	0.004311	6	15.615	12.0854	31.5
9F RF	D1	UDCon3	Combination	Min	-124.577	-6.588	0.000228	6	15.615	12.0854	31.5
9F RF	D1	UDCon4	Combination	Max	2.694	38.546	0.004349	6	15.615	12.0854	31.5
9F RF	D1	UDCon4	Combination	Min	-110.668	-7.434	0.000266	6	15.615	12.0854	31.5
9F RF	D1	UDCon5	Combination	Max	3.538	40.404	0.003984	6	15.615	12.0854	31.5
9F RF	D1	UDCon5	Combination	Min	-122.626	-10.511	0.000174	6	15.615	12.0854	31.5
9F RF	D1	UDCon6	Combination	Max	0.743	42.469	0.004403	6	15.615	12.0854	31.5
9F RF	D1	UDCon6	Combination	Min	-125.422	-8.446	0.000593	6	15.615	12.0854	31.5
9F RF	D1	UDCon7	Combination	Max	-10.517	39.106	0.00429	6	15.615	12.0854	31.5
9F RF	D1	UDCon7	Combination	Min	-123.879	-6.874	0.000207	6	15.615	12.0854	31.5
9F RF	D1	UDCon8	Combination	Max	3.392	38.26	0.004329	6	15.615	12.0854	31.5
9F RF	D1	UDCon8	Combination	Min	-109.969	-7.72	0.000245	6	15.615	12.0854	31.5
9F RF	D1	UDCon9	Combination	Max	4.237	40.118	0.003964	6	15.615	12.0854	31.5
9F RF	D1	UDCon9	Combination	Min	-121.928	-10.797	0.000153	6	15.615	12.0854	31.5
9F RF	D1	UDCon10	Combination	Max	1.441	42.183	0.004382	6	15.615	12.0854	31.5
9F RF	D1	UDCon10	Combination	Min	-124.723	-8.732	0.000572	6	15.615	12.0854	31.5
8F RF	D1	Dead	LinStatic		-25.112	7.029	0.000825	7	15.615	12.0854	28
8F RF	D1	Live	LinStatic		-2.154	0.844	5.7E-05	7	15.615	12.0854	28
8F RF	D1	FF	LinStatic		-17.419	4.097	0.000542	7	15.615	12.0854	28
8F RF	D1	PW	LinStatic		-15.753	3.277	0.000496	7	15.615	12.0854	28
8F RF	D1	Earthquake+x	LinStatic		79.661	-9.01	-0.002024	7	15.615	12.0854	28
8F RF	D1	Earthquake+y	LinStatic		-15.563	67.425	0.000798	7	15.615	12.0854	28
8F RF	D1	TH-X Load Case	LinModHist	Max	45.608	20.335	0.001769	7	15.615	12.0854	28
8F RF	D1	TH-X Load Case	LinModHist	Min	-57.392	-19.635	-0.001812	7	15.615	12.0854	28
8F RF	D1	TH-Y Load Case	LinModHist	Max	58.089	21.188	0.001485	7	15.615	12.0854	28
8F RF	D1	TH-Y Load Case	LinModHist	Min	-55.847	-23.085	-0.001846	7	15.615	12.0854	28
8F RF	D1	UDCon1	Combination		-78.684	19.444	0.002515	7	15.615	12.0854	28
8F RF	D1	UDCon2	Combination		-81.915	20.709	0.002601	7	15.615	12.0854	28
8F RF	D1	UDCon3	Combination	Max	-13.323	34.99	0.003649	7	15.615	12.0854	28
8F RF	D1	UDCon3	Combination	Min	-116.322	-4.979	6.8E-05	7	15.615	12.0854	28
8F RF	D1	UDCon4	Combination	Max	-1.539	34.291	0.003692	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	-104.539	-5.679	0.000112	7	15.615	12.0854	28
8F RF	D1	UDCon5	Combination	Max	-0.842	35.844	0.003365	7	15.615	12.0854	28
8F RF	D1	UDCon5	Combination	Min	-114.778	-8.429	3.4E-05	7	15.615	12.0854	28
8F RF	D1	UDCon6	Combination	Max	-3.083	37.741	0.003726	7	15.615	12.0854	28
8F RF	D1	UDCon6	Combination	Min	-117.019	-6.533	0.000396	7	15.615	12.0854	28
8F RF	D1	UDCon7	Combination	Max	-12.676	34.737	0.003632	7	15.615	12.0854	28
8F RF	D1	UDCon7	Combination	Min	-115.676	-5.232	5.1E-05	7	15.615	12.0854	28
8F RF	D1	UDCon8	Combination	Max	-0.893	34.038	0.003675	7	15.615	12.0854	28
8F RF	D1	UDCon8	Combination	Min	-103.892	-5.932	9.4E-05	7	15.615	12.0854	28
8F RF	D1	UDCon9	Combination	Max	-0.196	35.591	0.003348	7	15.615	12.0854	28
8F RF	D1	UDCon9	Combination	Min	-114.132	-8.682	1.7E-05	7	15.615	12.0854	28
8F RF	D1	UDCon10	Combination	Max	-2.437	37.487	0.003709	7	15.615	12.0854	28
8F RF	D1	UDCon10	Combination	Min	-116.373	-6.786	0.000378	7	15.615	12.0854	28
7F RF	D1	Dead	LinStatic		-24.072	6.338	0.000657	8	15.615	12.0854	24.5
7F RF	D1	Live	LinStatic		-1.987	0.738	4.6E-05	8	15.615	12.0854	24.5
7F RF	D1	FF	LinStatic		-16.907	3.782	0.000426	8	15.615	12.0854	24.5
7F RF	D1	PW	LinStatic		-15.374	3.072	0.000388	8	15.615	12.0854	24.5
7F RF	D1	Earthquake+x	LinStatic		71.117	-7.966	-0.001723	8	15.615	12.0854	24.5
7F RF	D1	Earthquake+y	LinStatic		-14.882	57.236	0.000702	8	15.615	12.0854	24.5
7F RF	D1	TH-X Load Case	LinModHist	Max	41.32	17.287	0.001515	8	15.615	12.0854	24.5
7F RF	D1	TH-X Load Case	LinModHist	Min	-51.112	-16.734	-0.001563	8	15.615	12.0854	24.5
7F RF	D1	TH-Y Load Case	LinModHist	Max	51.677	17.99	0.001272	8	15.615	12.0854	24.5
7F RF	D1	TH-Y Load Case	LinModHist	Min	-49.923	-19.716	-0.001579	8	15.615	12.0854	24.5
7F RF	D1	UDCon1	Combination		-76.077	17.808	0.001986	8	15.615	12.0854	24.5
7F RF	D1	UDCon2	Combination		-79.057	18.916	0.002055	8	15.615	12.0854	24.5
7F RF	D1	UDCon3	Combination	Max	-15.629	30.7	0.003	8	15.615	12.0854	24.5
7F RF	D1	UDCon3	Combination	Min	-108.061	-3.321	-7.8E-05	8	15.615	12.0854	24.5
7F RF	D1	UDCon4	Combination	Max	-5.838	30.147	0.003048	8	15.615	12.0854	24.5
7F RF	D1	UDCon4	Combination	Min	-98.27	-3.874	-3E-05	8	15.615	12.0854	24.5
7F RF	D1	UDCon5	Combination	Max	-5.272	31.403	0.002757	8	15.615	12.0854	24.5
7F RF	D1	UDCon5	Combination	Min	-106.873	-6.303	-9.4E-05	8	15.615	12.0854	24.5
7F RF	D1	UDCon6	Combination	Max	-7.026	33.128	0.003064	8	15.615	12.0854	24.5
7F RF	D1	UDCon6	Combination	Min	-108.627	-4.577	0.000213	8	15.615	12.0854	24.5
7F RF	D1	UDCon7	Combination	Max	-15.033	30.479	0.002986	8	15.615	12.0854	24.5
7F RF	D1	UDCon7	Combination	Min	-107.465	-3.543	-9.2E-05	8	15.615	12.0854	24.5
7F RF	D1	UDCon8	Combination	Max	-5.242	29.926	0.003034	8	15.615	12.0854	24.5
7F RF	D1	UDCon8	Combination	Min	-97.674	-4.096	-4.4E-05	8	15.615	12.0854	24.5
7F RF	D1	UDCon9	Combination	Max	-4.676	31.181	0.002743	8	15.615	12.0854	24.5
7F RF	D1	UDCon9	Combination	Min	-106.277	-6.524	-0.000108	8	15.615	12.0854	24.5
7F RF	D1	UDCon10	Combination	Max	-6.43	32.907	0.00305	8	15.615	12.0854	24.5
7F RF	D1	UDCon10	Combination	Min	-108.031	-4.799	0.000199	8	15.615	12.0854	24.5
6F RF	D1	Dead	LinStatic		-23.047	5.686	0.000496	9	15.615	12.0854	21
6F RF	D1	Live	LinStatic		-1.825	0.637	3.5E-05	9	15.615	12.0854	21
6F RF	D1	FF	LinStatic		-16.398	3.493	0.000314	9	15.615	12.0854	21
6F RF	D1	PW	LinStatic		-14.994	2.887	0.000285	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		62.511	-6.901	-0.001424	9	15.615	12.0854	21
6F RF	D1	Earthquake+y	LinStatic		-14.149	47.248	0.000603	9	15.615	12.0854	21
6F RF	D1	TH-X Load Case	LinModHist	Max	36.881	14.29	0.001263	9	15.615	12.0854	21
6F RF	D1	TH-X Load Case	LinModHist	Min	-44.837	-13.883	-0.001314	9	15.615	12.0854	21
6F RF	D1	TH-Y Load Case	LinModHist	Max	45.287	14.85	0.001059	9	15.615	12.0854	21
6F RF	D1	TH-Y Load Case	LinModHist	Min	-43.985	-16.402	-0.001314	9	15.615	12.0854	21
6F RF	D1	UDCon1	Combination		-73.493	16.29	0.001478	9	15.615	12.0854	21
6F RF	D1	UDCon2	Combination		-76.23	17.245	0.00153	9	15.615	12.0854	21
6F RF	D1	UDCon3	Combination	Max	-18.105	26.547	0.002369	9	15.615	12.0854	21
6F RF	D1	UDCon3	Combination	Min	-99.823	-1.625	-0.000209	9	15.615	12.0854	21
6F RF	D1	UDCon4	Combination	Max	-10.15	26.14	0.002419	9	15.615	12.0854	21
6F RF	D1	UDCon4	Combination	Min	-91.868	-2.033	-0.000158	9	15.615	12.0854	21
6F RF	D1	UDCon5	Combination	Max	-9.7	27.108	0.002164	9	15.615	12.0854	21
6F RF	D1	UDCon5	Combination	Min	-98.972	-4.144	-0.000209	9	15.615	12.0854	21
6F RF	D1	UDCon6	Combination	Max	-11.001	28.659	0.002419	9	15.615	12.0854	21
6F RF	D1	UDCon6	Combination	Min	-100.273	-2.593	4.6E-05	9	15.615	12.0854	21
6F RF	D1	UDCon7	Combination	Max	-17.558	26.356	0.002358	9	15.615	12.0854	21
6F RF	D1	UDCon7	Combination	Min	-99.276	-1.816	-0.000219	9	15.615	12.0854	21
6F RF	D1	UDCon8	Combination	Max	-9.602	25.949	0.002409	9	15.615	12.0854	21
6F RF	D1	UDCon8	Combination	Min	-91.32	-2.224	-0.000169	9	15.615	12.0854	21
6F RF	D1	UDCon9	Combination	Max	-9.152	26.917	0.002153	9	15.615	12.0854	21
6F RF	D1	UDCon9	Combination	Min	-98.424	-4.335	-0.000219	9	15.615	12.0854	21
6F RF	D1	UDCon10	Combination	Max	-10.454	28.468	0.002409	9	15.615	12.0854	21
6F RF	D1	UDCon10	Combination	Min	-99.726	-2.784	3.6E-05	9	15.615	12.0854	21
5F RF	D1	Dead	LinStatic		-22.022	5.069	0.000343	10	15.615	12.0854	17.5
5F RF	D1	Live	LinStatic		-1.67	0.539	2.4E-05	10	15.615	12.0854	17.5
5F RF	D1	FF	LinStatic		-15.88	3.223	0.000207	10	15.615	12.0854	17.5
5F RF	D1	PW	LinStatic		-14.6	2.718	0.000187	10	15.615	12.0854	17.5
5F RF	D1	Earthquake+x	LinStatic		53.902	-5.833	-0.001129	10	15.615	12.0854	17.5
5F RF	D1	Earthquake+y	LinStatic		-13.363	37.538	0.000502	10	15.615	12.0854	17.5
5F RF	D1	TH-X Load Case	LinModHist	Max	32.318	11.368	0.001015	10	15.615	12.0854	17.5
5F RF	D1	TH-X Load Case	LinModHist	Min	-38.612	-11.104	-0.001067	10	15.615	12.0854	17.5
5F RF	D1	TH-Y Load Case	LinModHist	Max	39.088	11.795	0.000855	10	15.615	12.0854	17.5
5F RF	D1	TH-Y Load Case	LinModHist	Min	-38.587	-13.171	-0.001053	10	15.615	12.0854	17.5
5F RF	D1	UDCon1	Combination		-70.877	14.864	0.000995	10	15.615	12.0854	17.5
5F RF	D1	UDCon2	Combination		-73.381	15.673	0.001031	10	15.615	12.0854	17.5
5F RF	D1	UDCon3	Combination	Max	-20.684	22.54	0.001759	10	15.615	12.0854	17.5
5F RF	D1	UDCon3	Combination	Min	-91.614	0.068	-0.000323	10	15.615	12.0854	17.5
5F RF	D1	UDCon4	Combination	Max	-14.39	22.276	0.001811	10	15.615	12.0854	17.5
5F RF	D1	UDCon4	Combination	Min	-85.32	-0.197	-0.000271	10	15.615	12.0854	17.5
5F RF	D1	UDCon5	Combination	Max	-13.914	22.967	0.001599	10	15.615	12.0854	17.5
5F RF	D1	UDCon5	Combination	Min	-91.59	-1.999	-0.000309	10	15.615	12.0854	17.5
5F RF	D1	UDCon6	Combination	Max	-14.415	24.343	0.001797	10	15.615	12.0854	17.5
5F RF	D1	UDCon6	Combination	Min	-92.09	-0.623	-0.000111	10	15.615	12.0854	17.5
5F RF	D1	UDCon7	Combination	Max	-20.183	22.379	0.001751	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	-91.113	-0.094	-0.000331	10	15.615	12.0854	17.5
5F RF	D1	UDCon8	Combination	Max	-13.89	22.114	0.001804	10	15.615	12.0854	17.5
5F RF	D1	UDCon8	Combination	Min	-84.819	-0.358	-0.000278	10	15.615	12.0854	17.5
5F RF	D1	UDCon9	Combination	Max	-13.413	22.805	0.001592	10	15.615	12.0854	17.5
5F RF	D1	UDCon9	Combination	Min	-91.089	-2.161	-0.000317	10	15.615	12.0854	17.5
5F RF	D1	UDCon10	Combination	Max	-13.914	24.181	0.00179	10	15.615	12.0854	17.5
5F RF	D1	UDCon10	Combination	Min	-91.589	-0.785	-0.000119	10	15.615	12.0854	17.5
4F RF	D1	Dead	LinStatic		-20.964	4.475	0.000199	11	15.615	12.0854	14
4F RF	D1	Live	LinStatic		-1.519	0.447	1.4E-05	11	15.615	12.0854	14
4F RF	D1	FF	LinStatic		-15.325	2.96	0.000108	11	15.615	12.0854	14
4F RF	D1	PW	LinStatic		-14.163	2.551	9.5E-05	11	15.615	12.0854	14
4F RF	D1	Earthquake+x	LinStatic		45.345	-4.794	-0.000839	11	15.615	12.0854	14
4F RF	D1	Earthquake+y	LinStatic		-12.526	28.228	0.000402	11	15.615	12.0854	14
4F RF	D1	TH-X Load Case	LinModHist	Max	27.661	8.566	0.000769	11	15.615	12.0854	14
4F RF	D1	TH-X Load Case	LinModHist	Min	-32.475	-8.439	-0.000824	11	15.615	12.0854	14
4F RF	D1	TH-Y Load Case	LinModHist	Max	33.673	8.974	0.000655	11	15.615	12.0854	14
4F RF	D1	TH-Y Load Case	LinModHist	Min	-33.072	-10.073	-0.000797	11	15.615	12.0854	14
4F RF	D1	UDCon1	Combination		-68.11	13.481	0.000542	11	15.615	12.0854	14
4F RF	D1	UDCon2	Combination		-70.389	14.152	0.000563	11	15.615	12.0854	14
4F RF	D1	UDCon3	Combination	Max	-23.247	18.686	0.001175	11	15.615	12.0854	14
4F RF	D1	UDCon3	Combination	Min	-83.383	1.681	-0.000418	11	15.615	12.0854	14
4F RF	D1	UDCon4	Combination	Max	-18.433	18.56	0.001229	11	15.615	12.0854	14
4F RF	D1	UDCon4	Combination	Min	-78.569	1.554	-0.000363	11	15.615	12.0854	14
4F RF	D1	UDCon5	Combination	Max	-17.235	19.094	0.001061	11	15.615	12.0854	14
4F RF	D1	UDCon5	Combination	Min	-83.98	0.047	-0.000391	11	15.615	12.0854	14
4F RF	D1	UDCon6	Combination	Max	-17.836	20.194	0.001203	11	15.615	12.0854	14
4F RF	D1	UDCon6	Combination	Min	-84.581	1.146	-0.000249	11	15.615	12.0854	14
4F RF	D1	UDCon7	Combination	Max	-22.791	18.552	0.001171	11	15.615	12.0854	14
4F RF	D1	UDCon7	Combination	Min	-82.927	1.547	-0.000422	11	15.615	12.0854	14
4F RF	D1	UDCon8	Combination	Max	-17.977	18.425	0.001225	11	15.615	12.0854	14
4F RF	D1	UDCon8	Combination	Min	-78.113	1.42	-0.000368	11	15.615	12.0854	14
4F RF	D1	UDCon9	Combination	Max	-16.779	18.96	0.001057	11	15.615	12.0854	14
4F RF	D1	UDCon9	Combination	Min	-83.524	-0.087	-0.000396	11	15.615	12.0854	14
4F RF	D1	UDCon10	Combination	Max	-17.38	20.059	0.001198	11	15.615	12.0854	14
4F RF	D1	UDCon10	Combination	Min	-84.125	1.012	-0.000254	11	15.615	12.0854	14
3F RF	D1	Dead	LinStatic		-19.765	3.918	6.1E-05	12	15.615	12.0854	10.5
3F RF	D1	Live	LinStatic		-1.369	0.362	5E-06	12	15.615	12.0854	10.5
3F RF	D1	FF	LinStatic		-14.646	2.71	1.3E-05	12	15.615	12.0854	10.5
3F RF	D1	PW	LinStatic		-13.602	2.388	8E-06	12	15.615	12.0854	10.5
3F RF	D1	Earthquake+x	LinStatic		36.874	-3.837	-0.000547	12	15.615	12.0854	10.5
3F RF	D1	Earthquake+y	LinStatic		-11.634	19.509	0.000304	12	15.615	12.0854	10.5
3F RF	D1	TH-X Load Case	LinModHist	Max	22.934	6.004	0.000525	12	15.615	12.0854	10.5
3F RF	D1	TH-X Load Case	LinModHist	Min	-26.449	-5.952	-0.000582	12	15.615	12.0854	10.5
3F RF	D1	TH-Y Load Case	LinModHist	Max	28.147	6.525	0.000454	12	15.615	12.0854	10.5
3F RF	D1	TH-Y Load Case	LinModHist	Min	-27.461	-7.234	-0.000543	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		-64.817	12.171	0.000111	12	15.615	12.0854	10.5
3F RF	D1	UDCon2	Combination		-66.871	12.714	0.000118	12	15.615	12.0854	10.5
3F RF	D1	UDCon3	Combination	Max	-25.489	15.129	0.000608	12	15.615	12.0854	10.5
3F RF	D1	UDCon3	Combination	Min	-74.872	3.173	-0.000499	12	15.615	12.0854	10.5
3F RF	D1	UDCon4	Combination	Max	-21.975	15.076	0.000666	12	15.615	12.0854	10.5
3F RF	D1	UDCon4	Combination	Min	-71.358	3.12	-0.000441	12	15.615	12.0854	10.5
3F RF	D1	UDCon5	Combination	Max	-20.276	15.649	0.000537	12	15.615	12.0854	10.5
3F RF	D1	UDCon5	Combination	Min	-75.884	1.891	-0.00046	12	15.615	12.0854	10.5
3F RF	D1	UDCon6	Combination	Max	-20.963	16.358	0.000626	12	15.615	12.0854	10.5
3F RF	D1	UDCon6	Combination	Min	-76.571	2.6	-0.00037	12	15.615	12.0854	10.5
3F RF	D1	UDCon7	Combination	Max	-25.078	15.02	0.000606	12	15.615	12.0854	10.5
3F RF	D1	UDCon7	Combination	Min	-74.462	3.064	-0.0005	12	15.615	12.0854	10.5
3F RF	D1	UDCon8	Combination	Max	-21.564	14.967	0.000664	12	15.615	12.0854	10.5
3F RF	D1	UDCon8	Combination	Min	-70.947	3.012	-0.000443	12	15.615	12.0854	10.5
3F RF	D1	UDCon9	Combination	Max	-19.866	15.541	0.000536	12	15.615	12.0854	10.5
3F RF	D1	UDCon9	Combination	Min	-75.474	1.782	-0.000461	12	15.615	12.0854	10.5
3F RF	D1	UDCon10	Combination	Max	-20.552	16.25	0.000625	12	15.615	12.0854	10.5
3F RF	D1	UDCon10	Combination	Min	-76.16	2.491	-0.000372	12	15.615	12.0854	10.5
2F RF	D1	Dead	LinStatic		-18.232	3.177	-5.9E-05	13	16.8959	11.6592	7
2F RF	D1	Live	LinStatic		-1.207	0.272	-3E-06	13	16.8959	11.6592	7
2F RF	D1	FF	LinStatic		-13.701	2.258	-6.8E-05	13	16.8959	11.6592	7
2F RF	D1	PW	LinStatic		-12.783	2.022	-6.7E-05	13	16.8959	11.6592	7
2F RF	D1	Earthquake+x	LinStatic		28.359	-3.428	-0.000243	13	16.8959	11.6592	7
2F RF	D1	Earthquake+y	LinStatic		-10.641	12.08	0.000209	13	16.8959	11.6592	7
2F RF	D1	TH-X Load Case	LinModHist	Max	18.121	4.118	0.000289	13	16.8959	11.6592	7
2F RF	D1	TH-X Load Case	LinModHist	Min	-20.433	-3.976	-0.000333	13	16.8959	11.6592	7
2F RF	D1	TH-Y Load Case	LinModHist	Max	22.418	4.566	0.000247	13	16.8959	11.6592	7
2F RF	D1	TH-Y Load Case	LinModHist	Min	-21.664	-5.179	-0.000301	13	16.8959	11.6592	7
2F RF	D1	UDCon1	Combination		-60.367	10.067	-0.000262	13	16.8959	11.6592	7
2F RF	D1	UDCon2	Combination		-62.178	10.475	-0.000267	13	16.8959	11.6592	7
2F RF	D1	UDCon3	Combination	Max	-26.957	11.657	9.4E-05	13	16.8959	11.6592	7
2F RF	D1	UDCon3	Combination	Min	-65.511	3.563	-0.000528	13	16.8959	11.6592	7
2F RF	D1	UDCon4	Combination	Max	-24.646	11.515	0.000138	13	16.8959	11.6592	7
2F RF	D1	UDCon4	Combination	Min	-63.2	3.421	-0.000484	13	16.8959	11.6592	7
2F RF	D1	UDCon5	Combination	Max	-22.66	12.105	5.2E-05	13	16.8959	11.6592	7
2F RF	D1	UDCon5	Combination	Min	-66.742	2.36	-0.000496	13	16.8959	11.6592	7
2F RF	D1	UDCon6	Combination	Max	-23.415	12.718	0.000106	13	16.8959	11.6592	7
2F RF	D1	UDCon6	Combination	Min	-67.497	2.973	-0.000442	13	16.8959	11.6592	7
2F RF	D1	UDCon7	Combination	Max	-26.595	11.575	9.5E-05	13	16.8959	11.6592	7
2F RF	D1	UDCon7	Combination	Min	-65.149	3.481	-0.000527	13	16.8959	11.6592	7
2F RF	D1	UDCon8	Combination	Max	-24.284	11.433	0.000139	13	16.8959	11.6592	7
2F RF	D1	UDCon8	Combination	Min	-62.838	3.339	-0.000483	13	16.8959	11.6592	7
2F RF	D1	UDCon9	Combination	Max	-22.298	12.023	5.3E-05	13	16.8959	11.6592	7
2F RF	D1	UDCon9	Combination	Min	-66.38	2.278	-0.000495	13	16.8959	11.6592	7
2F RF	D1	UDCon10	Combination	Max	-23.053	12.636	0.000107	13	16.8959	11.6592	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	-67.135	2.891	-0.000441	13	16.8959	11.6592	7
1F RF	D1	Dead	LinStatic		-15.708	2.888	-0.000252	14	14.6281	12.2522	3.5
1F RF	D1	Live	LinStatic		-0.996	0.226	-1.6E-05	14	14.6281	12.2522	3.5
1F RF	D1	FF	LinStatic		-11.935	2.169	-0.000207	14	14.6281	12.2522	3.5
1F RF	D1	PW	LinStatic		-11.177	1.981	-0.000196	14	14.6281	12.2522	3.5
1F RF	D1	Earthquake+x	LinStatic		20.147	-2.841	0.000105	14	14.6281	12.2522	3.5
1F RF	D1	Earthquake+y	LinStatic		-9.619	5.923	0.00013	14	14.6281	12.2522	3.5
1F RF	D1	TH-X Load Case	LinModHist	Max	13.274	2.664	0.00014	14	14.6281	12.2522	3.5
1F RF	D1	TH-X Load Case	LinModHist	Min	-14.671	-2.346	-0.000129	14	14.6281	12.2522	3.5
1F RF	D1	TH-Y Load Case	LinModHist	Max	16.739	3.137	0.000136	14	14.6281	12.2522	3.5
1F RF	D1	TH-Y Load Case	LinModHist	Min	-15.934	-3.374	-0.000145	14	14.6281	12.2522	3.5
1F RF	D1	UDCon1	Combination		-52.407	9.502	-0.000884	14	14.6281	12.2522	3.5
1F RF	D1	UDCon2	Combination		-53.901	9.841	-0.000908	14	14.6281	12.2522	3.5
1F RF	D1	UDCon3	Combination	Max	-25.844	9.771	-0.000519	14	14.6281	12.2522	3.5
1F RF	D1	UDCon3	Combination	Min	-53.79	4.76	-0.000789	14	14.6281	12.2522	3.5
1F RF	D1	UDCon4	Combination	Max	-24.447	9.453	-0.000531	14	14.6281	12.2522	3.5
1F RF	D1	UDCon4	Combination	Min	-52.393	4.442	-0.0008	14	14.6281	12.2522	3.5
1F RF	D1	UDCon5	Combination	Max	-22.379	10.243	-0.000524	14	14.6281	12.2522	3.5
1F RF	D1	UDCon5	Combination	Min	-55.052	3.732	-0.000805	14	14.6281	12.2522	3.5
1F RF	D1	UDCon6	Combination	Max	-23.185	10.48	-0.000515	14	14.6281	12.2522	3.5
1F RF	D1	UDCon6	Combination	Min	-55.858	3.97	-0.000796	14	14.6281	12.2522	3.5
1F RF	D1	UDCon7	Combination	Max	-25.545	9.703	-0.000515	14	14.6281	12.2522	3.5
1F RF	D1	UDCon7	Combination	Min	-53.491	4.692	-0.000784	14	14.6281	12.2522	3.5
1F RF	D1	UDCon8	Combination	Max	-24.148	9.385	-0.000526	14	14.6281	12.2522	3.5
1F RF	D1	UDCon8	Combination	Min	-52.094	4.374	-0.000796	14	14.6281	12.2522	3.5
1F RF	D1	UDCon9	Combination	Max	-22.081	10.175	-0.00052	14	14.6281	12.2522	3.5
1F RF	D1	UDCon9	Combination	Min	-54.753	3.665	-0.0008	14	14.6281	12.2522	3.5
1F RF	D1	UDCon10	Combination	Max	-22.886	10.412	-0.00051	14	14.6281	12.2522	3.5
1F RF	D1	UDCon10	Combination	Min	-55.559	3.902	-0.000791	14	14.6281	12.2522	3.5
Base	D1	Dead	LinStatic		-0.001	0.027	-0.000487	15	20.0769	9.39	0
Base	D1	Live	LinStatic		0.002	0.002	-3.7E-05	15	20.0769	9.39	0
Base	D1	FF	LinStatic		0.007	0.03	-0.000385	15	20.0769	9.39	0
Base	D1	PW	LinStatic		0.008	0.03	-0.000363	15	20.0769	9.39	0
Base	D1	Earthquake+x	LinStatic		0.274	0.216	0.000529	15	20.0769	9.39	0
Base	D1	Earthquake+y	LinStatic		-0.138	-0.137	-0.000196	15	20.0769	9.39	0
Base	D1	TH-X Load Case	LinModHist	Max	0.194	0.151	0.000376	15	20.0769	9.39	0
Base	D1	TH-X Load Case	LinModHist	Min	-0.201	-0.162	-0.000376	15	20.0769	9.39	0
Base	D1	TH-Y Load Case	LinModHist	Max	0.226	0.185	0.000428	15	20.0769	9.39	0
Base	D1	TH-Y Load Case	LinModHist	Min	-0.214	-0.172	-0.000414	15	20.0769	9.39	0
Base	D1	UDCon1	Combination		0.019	0.117	-0.001667	15	20.0769	9.39	0
Base	D1	UDCon2	Combination		0.022	0.12	-0.001723	15	20.0769	9.39	0
Base	D1	UDCon3	Combination	Max	0.209	0.238	-0.000871	15	20.0769	9.39	0
Base	D1	UDCon3	Combination	Min	-0.186	-0.075	-0.001623	15	20.0769	9.39	0
Base	D1	UDCon4	Combination	Max	0.216	0.249	-0.00087	15	20.0769	9.39	0
Base	D1	UDCon4	Combination	Min	-0.179	-0.063	-0.001622	15	20.0769	9.39	0

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
Base	D1	UDCon5	Combination	Max	0.241	0.272	-0.000818	15	20.0769	9.39	0
Base	D1	UDCon5	Combination	Min	-0.199	-0.085	-0.00166	15	20.0769	9.39	0
Base	D1	UDCon6	Combination	Max	0.229	0.259	-0.000832	15	20.0769	9.39	0
Base	D1	UDCon6	Combination	Min	-0.211	-0.097	-0.001675	15	20.0769	9.39	0
Base	D1	UDCon7	Combination	Max	0.208	0.237	-0.000859	15	20.0769	9.39	0
Base	D1	UDCon7	Combination	Min	-0.187	-0.075	-0.001611	15	20.0769	9.39	0
Base	D1	UDCon8	Combination	Max	0.215	0.249	-0.000859	15	20.0769	9.39	0
Base	D1	UDCon8	Combination	Min	-0.18	-0.064	-0.001611	15	20.0769	9.39	0
Base	D1	UDCon9	Combination	Max	0.24	0.271	-0.000807	15	20.0769	9.39	0
Base	D1	UDCon9	Combination	Min	-0.2	-0.085	-0.001649	15	20.0769	9.39	0
Base	D1	UDCon10	Combination	Max	0.228	0.259	-0.000821	15	20.0769	9.39	0
Base	D1	UDCon10	Combination	Min	-0.212	-0.098	-0.001664	15	20.0769	9.39	0

Table 3.4 - Diaphragm Max Over Avg Drifts

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
14	Dead	LinStatic		Diaph D1 X	0.000721	0.000323	2.232	44	26.8	19.6	49
14	Dead	LinStatic		Diaph D1 Y	0.000839	0.000208	4.035	45	26.8	14.8	49
14	Live	LinStatic		Diaph D1 X	8.2E-05	5.4E-05	1.52	6	20.5	19.6	49
14	Live	LinStatic		Diaph D1 Y	7.7E-05	3.3E-05	2.357	45	26.8	14.8	49
14	FF	LinStatic		Diaph D1 X	0.000437	0.000159	2.743	44	26.8	19.6	49
14	FF	LinStatic		Diaph D1 Y	0.000534	9.3E-05	5.768	45	26.8	14.8	49
14	PW	LinStatic		Diaph D1 X	0.000373	0.000117	3.195	44	26.8	19.6	49
14	PW	LinStatic		Diaph D1 Y	0.000466	5.9E-05	7.953	45	26.8	14.8	49
14	Earthquake+x	LinStatic		Diaph D1 X	0.002767	0.002131	1.298	6	20.5	19.6	49
14	Earthquake+x	LinStatic		Diaph D1 Y	0.001231	0.000247	4.992	45	26.8	14.8	49
14	Earthquake+y	LinStatic		Diaph D1 Y	0.003198	0.002942	1.087	45	26.8	14.8	49
14	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.001884	0.001415	1.332	6	20.5	19.6	49
14	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001363	0.001041	1.309	45	26.8	14.8	49
14	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002094	0.001615	1.297	6	20.5	19.6	49
14	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001297	0.001068	1.214	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	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.002258	0.001727	1.307	6	20.5	19.6	49
14	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001301	0.00104	1.25	45	26.8	14.8	49
14	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.001892	0.001468	1.289	6	20.5	19.6	49
14	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001575	0.001118	1.408	45	26.8	14.8	49
14	UDCon1	Combination		Diaph D1 X	0.002068	0.000809	2.555	44	26.8	19.6	49
14	UDCon1	Combination		Diaph D1 Y	0.002483	0.000485	5.122	45	26.8	14.8	49
14	UDCon2	Combination		Diaph D1 X	0.002191	0.00089	2.461	44	26.8	19.6	49
14	UDCon2	Combination		Diaph D1 Y	0.002598	0.000534	4.869	45	26.8	14.8	49
14	UDCon3	Combination	Max	Diaph D1 X	0.001284	0.000793	1.618	40	3.75	5	49
14	UDCon3	Combination	Max	Diaph D1 Y	0.003225	0.001437	2.245	45	26.8	14.8	49
14	UDCon3	Combination	Min	Diaph D1 X	0.003643	0.002233	1.632	6	20.5	19.6	49
14	UDCon3	Combination	Min	Diaph D1 Y	0.002089	0.000762	2.743	33	3.75	19.6	49
14	UDCon4	Combination	Max	Diaph D1 X	0.001477	0.000995	1.484	40	3.75	5	49
14	UDCon4	Combination	Max	Diaph D1 Y	0.003159	0.001499	2.107	45	26.8	14.8	49
14	UDCon4	Combination	Min	Diaph D1 X	0.003433	0.002032	1.689	6	20.5	19.6	49
14	UDCon4	Combination	Min	Diaph D1 Y	0.001897	0.000699	2.715	39	3.75	10	49
14	UDCon5	Combination	Max	Diaph D1 X	0.00154	0.001106	1.393	40	3.75	5	49
14	UDCon5	Combination	Max	Diaph D1 Y	0.003163	0.001415	2.236	45	26.8	14.8	49
14	UDCon5	Combination	Min	Diaph D1 X	0.003441	0.002085	1.65	6	20.5	19.6	49
14	UDCon5	Combination	Min	Diaph D1 Y	0.001879	0.000796	2.361	39	3.75	10	49
14	UDCon6	Combination	Max	Diaph D1 X	0.001384	0.00085	1.628	40	3.75	5	49
14	UDCon6	Combination	Max	Diaph D1 Y	0.003437	0.001534	2.241	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	UDCon6	Combination	Min	Diaph D1 X	0.003807	0.002345	1.624	6	20.5	19.6	49
14	UDCon6	Combination	Min	Diaph D1 Y	0.001916	0.000677	2.83	39	3.75	10	49
14	UDCon7	Combination	Max	Diaph D1 X	0.001291	0.000809	1.596	40	3.75	5	49
14	UDCon7	Combination	Max	Diaph D1 Y	0.003202	0.001427	2.244	45	26.8	14.8	49
14	UDCon7	Combination	Min	Diaph D1 X	0.003619	0.002216	1.633	6	20.5	19.6	49
14	UDCon7	Combination	Min	Diaph D1 Y	0.002086	0.000772	2.703	33	3.75	19.6	49
14	UDCon8	Combination	Max	Diaph D1 X	0.001484	0.001011	1.468	40	3.75	5	49
14	UDCon8	Combination	Max	Diaph D1 Y	0.003136	0.001489	2.105	45	26.8	14.8	49
14	UDCon8	Combination	Min	Diaph D1 X	0.003408	0.002016	1.691	6	20.5	19.6	49
14	UDCon8	Combination	Min	Diaph D1 Y	0.001893	0.000709	2.672	39	3.75	10	49
14	UDCon9	Combination	Max	Diaph D1 X	0.001547	0.001122	1.379	40	3.75	5	49
14	UDCon9	Combination	Max	Diaph D1 Y	0.00314	0.001405	2.235	45	26.8	14.8	49
14	UDCon9	Combination	Min	Diaph D1 X	0.003416	0.002069	1.651	6	20.5	19.6	49
14	UDCon9	Combination	Min	Diaph D1 Y	0.001876	0.000806	2.328	39	3.75	10	49
14	UDCon10	Combination	Max	Diaph D1 X	0.001391	0.000866	1.607	40	3.75	5	49
14	UDCon10	Combination	Max	Diaph D1 Y	0.003414	0.001524	2.24	45	26.8	14.8	49
14	UDCon10	Combination	Min	Diaph D1 X	0.003783	0.002329	1.624	6	20.5	19.6	49
14	UDCon10	Combination	Min	Diaph D1 Y	0.001912	0.000687	2.785	39	3.75	10	49
13	Dead	LinStatic		Diaph D1 X	0.000719	0.000327	2.2	32	11.4	19.6	45.5
13	Dead	LinStatic		Diaph D1 Y	0.000834	0.000211	3.949	45	26.8	14.8	45.5
13	Live	LinStatic		Diaph D1 X	8.2E-05	5.4E-05	1.51	32	11.4	19.6	45.5
13	Live	LinStatic		Diaph D1 Y	7.6E-05	3.3E-05	2.339	45	26.8	14.8	45.5
13	FF	LinStatic		Diaph D1 X	0.000436	0.000162	2.695	32	11.4	19.6	45.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
13	FF	LinStatic		Diaph D1 Y	0.000532	9.6E-05	5.541	45	26.8	14.8	45.5
13	PW	LinStatic		Diaph D1 X	0.000372	0.000119	3.125	32	11.4	19.6	45.5
13	PW	LinStatic		Diaph D1 Y	0.000465	6.2E-05	7.477	45	26.8	14.8	45.5
13	Earthquake+x	LinStatic		Diaph D1 X	0.002835	0.002196	1.291	6	20.5	19.6	45.5
13	Earthquake+x	LinStatic		Diaph D1 Y	0.001235	0.000246	5.029	45	26.8	14.8	45.5
13	Earthquake+y	LinStatic		Diaph D1 Y	0.003233	0.002965	1.091	45	26.8	14.8	45.5
13	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.001918	0.001446	1.326	6	20.5	19.6	45.5
13	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001384	0.001054	1.314	45	26.8	14.8	45.5
13	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002142	0.001661	1.29	6	20.5	19.6	45.5
13	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001314	0.001079	1.217	45	26.8	14.8	45.5
13	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.002298	0.001768	1.3	6	20.5	19.6	45.5
13	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001311	0.001048	1.251	45	26.8	14.8	45.5
13	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.001938	0.001513	1.281	6	20.5	19.6	45.5
13	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.00159	0.001127	1.41	45	26.8	14.8	45.5
13	UDCon1	Combination		Diaph D1 X	0.002061	0.00082	2.513	32	11.4	19.6	45.5
13	UDCon1	Combination		Diaph D1 Y	0.002472	0.000499	4.956	45	26.8	14.8	45.5
13	UDCon2	Combination		Diaph D1 X	0.002184	0.000902	2.422	32	11.4	19.6	45.5
13	UDCon2	Combination		Diaph D1 Y	0.002586	0.000548	4.723	45	26.8	14.8	45.5
13	UDCon3	Combination	Max	Diaph D1 X	0.001289	0.000821	1.57	40	3.75	5	45.5
13	UDCon3	Combination	Max	Diaph D1 Y	0.003238	0.001461	2.216	45	26.8	14.8	45.5
13	UDCon3	Combination	Min	Diaph D1 X	0.003686	0.002287	1.612	32	11.4	19.6	45.5
13	UDCon3	Combination	Min	Diaph D1 Y	0.00208	0.00077	2.701	33	3.75	19.6	45.5
13	UDCon4	Combination	Max	Diaph D1 X	0.001498	0.001037	1.445	27	17.9	5	45.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
13	UDCon4	Combination	Max	Diaph D1 Y	0.003168	0.001523	2.08	45	26.8	14.8	45.5
13	UDCon4	Combination	Min	Diaph D1 X	0.003463	0.002072	1.671	32	11.4	19.6	45.5
13	UDCon4	Combination	Min	Diaph D1 Y	0.001882	0.000706	2.665	33	3.75	19.6	45.5
13	UDCon5	Combination	Max	Diaph D1 X	0.001556	0.001143	1.362	27	17.9	5	45.5
13	UDCon5	Combination	Max	Diaph D1 Y	0.003165	0.001434	2.207	45	26.8	14.8	45.5
13	UDCon5	Combination	Min	Diaph D1 X	0.003484	0.002139	1.629	32	11.4	19.6	45.5
13	UDCon5	Combination	Min	Diaph D1 Y	0.001868	0.000802	2.329	33	3.75	19.6	45.5
13	UDCon6	Combination	Max	Diaph D1 X	0.001405	0.00089	1.578	40	3.75	5	45.5
13	UDCon6	Combination	Max	Diaph D1 Y	0.003444	0.001557	2.213	45	26.8	14.8	45.5
13	UDCon6	Combination	Min	Diaph D1 X	0.003843	0.002394	1.605	32	11.4	19.6	45.5
13	UDCon6	Combination	Min	Diaph D1 Y	0.001901	0.000679	2.799	33	3.75	19.6	45.5
13	UDCon7	Combination	Max	Diaph D1 X	0.001297	0.000837	1.55	40	3.75	5	45.5
13	UDCon7	Combination	Max	Diaph D1 Y	0.003215	0.001451	2.215	45	26.8	14.8	45.5
13	UDCon7	Combination	Min	Diaph D1 X	0.003662	0.00227	1.613	32	11.4	19.6	45.5
13	UDCon7	Combination	Min	Diaph D1 Y	0.002076	0.00078	2.663	33	3.75	19.6	45.5
13	UDCon8	Combination	Max	Diaph D1 X	0.001506	0.001053	1.43	27	17.9	5	45.5
13	UDCon8	Combination	Max	Diaph D1 Y	0.003145	0.001513	2.078	45	26.8	14.8	45.5
13	UDCon8	Combination	Min	Diaph D1 X	0.003439	0.002056	1.672	32	11.4	19.6	45.5
13	UDCon8	Combination	Min	Diaph D1 Y	0.001878	0.000716	2.624	33	3.75	19.6	45.5
13	UDCon9	Combination	Max	Diaph D1 X	0.001564	0.001159	1.35	27	17.9	5	45.5
13	UDCon9	Combination	Max	Diaph D1 Y	0.003142	0.001424	2.206	45	26.8	14.8	45.5
13	UDCon9	Combination	Min	Diaph D1 X	0.00346	0.002123	1.63	32	11.4	19.6	45.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
13	UDCon9	Combination	Min	Diaph D1 Y	0.001864	0.000812	2.297	33	3.75	19.6	45.5
13	UDCon10	Combination	Max	Diaph D1 X	0.001413	0.000906	1.559	40	3.75	5	45.5
13	UDCon10	Combination	Max	Diaph D1 Y	0.003421	0.001547	2.212	45	26.8	14.8	45.5
13	UDCon10	Combination	Min	Diaph D1 X	0.003818	0.002377	1.606	32	11.4	19.6	45.5
13	UDCon10	Combination	Min	Diaph D1 Y	0.001898	0.000689	2.755	33	3.75	19.6	45.5
12F RF	Dead	LinStatic		Diaph D1 X	0.000715	0.000327	2.183	32	11.4	19.6	42
12F RF	Dead	LinStatic		Diaph D1 Y	0.000825	0.000209	3.94	45	26.8	14.8	42
12F RF	Live	LinStatic		Diaph D1 X	8.1E-05	5.4E-05	1.505	32	11.4	19.6	42
12F RF	Live	LinStatic		Diaph D1 Y	7.5E-05	3.2E-05	2.336	45	26.8	14.8	42
12F RF	FF	LinStatic		Diaph D1 X	0.000433	0.000163	2.666	32	11.4	19.6	42
12F RF	FF	LinStatic		Diaph D1 Y	0.000527	9.6E-05	5.506	45	26.8	14.8	42
12F RF	PW	LinStatic		Diaph D1 X	0.00037	0.00012	3.08	32	11.4	19.6	42
12F RF	PW	LinStatic		Diaph D1 Y	0.00046	6.2E-05	7.399	45	26.8	14.8	42
12F RF	Earthquake+x	LinStatic		Diaph D1 X	0.002902	0.002261	1.284	11	7	19.6	42
12F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.00124	0.000246	5.051	45	26.8	14.8	42
12F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.00326	0.002978	1.094	45	26.8	14.8	42
12F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.001943	0.001471	1.321	33	3.75	19.6	42
12F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001404	0.001065	1.319	45	26.8	14.8	42
12F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002185	0.001703	1.283	11	7	19.6	42
12F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.00133	0.00109	1.221	45	26.8	14.8	42
12F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.002329	0.001799	1.294	6	20.5	19.6	42
12F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001319	0.001053	1.253	45	26.8	14.8	42
12F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.001985	0.001559	1.274	11	7	19.6	42
12F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001604	0.001135	1.413	45	26.8	14.8	42
12F RF	UDCon1	Combination		Diaph D1 X	0.002049	0.000823	2.488	32	11.4	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	UDCon1	Combination		Diaph D1 Y	0.002445	0.000496	4.934	45	26.8	14.8	42
12F RF	UDCon2	Combination		Diaph D1 X	0.002171	0.000904	2.401	32	11.4	19.6	42
12F RF	UDCon2	Combination		Diaph D1 Y	0.002558	0.000544	4.704	45	26.8	14.8	42
12F RF	UDCon3	Combination	Max	Diaph D1 X	0.001302	0.000846	1.538	28	20.5	5	42
12F RF	UDCon3	Combination	Max	Diaph D1 Y	0.003238	0.001472	2.199	45	26.8	14.8	42
12F RF	UDCon3	Combination	Min	Diaph D1 X	0.003724	0.002331	1.597	11	7	19.6	42
12F RF	UDCon3	Combination	Min	Diaph D1 Y	0.002067	0.000782	2.644	33	3.75	19.6	42
12F RF	UDCon4	Combination	Max	Diaph D1 X	0.001537	0.001084	1.418	28	20.5	5	42
12F RF	UDCon4	Combination	Max	Diaph D1 Y	0.003164	0.001535	2.061	45	26.8	14.8	42
12F RF	UDCon4	Combination	Min	Diaph D1 X	0.003482	0.002099	1.659	11	7	19.6	42
12F RF	UDCon4	Combination	Min	Diaph D1 Y	0.001868	0.000719	2.598	33	3.75	19.6	42
12F RF	UDCon5	Combination	Max	Diaph D1 X	0.001583	0.001179	1.343	28	20.5	5	42
12F RF	UDCon5	Combination	Max	Diaph D1 Y	0.003153	0.00144	2.19	45	26.8	14.8	42
12F RF	UDCon5	Combination	Min	Diaph D1 X	0.003524	0.002187	1.612	11	7	19.6	42
12F RF	UDCon5	Combination	Min	Diaph D1 Y	0.001859	0.000814	2.283	33	3.75	19.6	42
12F RF	UDCon6	Combination	Max	Diaph D1 X	0.001446	0.000939	1.539	28	20.5	5	42
12F RF	UDCon6	Combination	Max	Diaph D1 Y	0.003438	0.001568	2.193	45	26.8	14.8	42
12F RF	UDCon6	Combination	Min	Diaph D1 X	0.003867	0.002427	1.593	11	7	19.6	42
12F RF	UDCon6	Combination	Min	Diaph D1 Y	0.001888	0.000686	2.751	33	3.75	19.6	42
12F RF	UDCon7	Combination	Max	Diaph D1 X	0.00131	0.000863	1.518	28	20.5	5	42
12F RF	UDCon7	Combination	Max	Diaph D1 Y	0.003215	0.001463	2.198	45	26.8	14.8	42
12F RF	UDCon7	Combination	Min	Diaph D1 X	0.0037	0.002315	1.598	11	7	19.6	42

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
12F RF	UDCon7	Combination	Min	Diaph D1 Y	0.002063	0.000791	2.608	33	3.75	19.6	42
12F RF	UDCon8	Combination	Max	Diaph D1 X	0.001545	0.0011	1.404	28	20.5	5	42
12F RF	UDCon8	Combination	Max	Diaph D1 Y	0.003142	0.001526	2.059	45	26.8	14.8	42
12F RF	UDCon8	Combination	Min	Diaph D1 X	0.003458	0.002082	1.66	11	7	19.6	42
12F RF	UDCon8	Combination	Min	Diaph D1 Y	0.001864	0.000728	2.559	33	3.75	19.6	42
12F RF	UDCon9	Combination	Max	Diaph D1 X	0.001591	0.001195	1.332	28	20.5	5	42
12F RF	UDCon9	Combination	Max	Diaph D1 Y	0.00313	0.00143	2.189	45	26.8	14.8	42
12F RF	UDCon9	Combination	Min	Diaph D1 X	0.0035	0.00217	1.612	11	7	19.6	42
12F RF	UDCon9	Combination	Min	Diaph D1 Y	0.001855	0.000824	2.252	33	3.75	19.6	42
12F RF	UDCon10	Combination	Max	Diaph D1 X	0.001454	0.000955	1.522	28	20.5	5	42
12F RF	UDCon10	Combination	Max	Diaph D1 Y	0.003415	0.001558	2.192	45	26.8	14.8	42
12F RF	UDCon10	Combination	Min	Diaph D1 X	0.003843	0.002411	1.594	11	7	19.6	42
12F RF	UDCon10	Combination	Min	Diaph D1 Y	0.001884	0.000696	2.708	33	3.75	19.6	42
11F RF	Dead	LinStatic		Diaph D1 X	0.000705	0.000324	2.179	11	7	19.6	38.5
11F RF	Dead	LinStatic		Diaph D1 Y	0.000811	0.000205	3.952	45	26.8	14.8	38.5
11F RF	Live	LinStatic		Diaph D1 X	7.9E-05	5.3E-05	1.504	11	7	19.6	38.5
11F RF	Live	LinStatic		Diaph D1 Y	7.4E-05	3.2E-05	2.336	45	26.8	14.8	38.5
11F RF	FF	LinStatic		Diaph D1 X	0.000428	0.000161	2.658	44	26.8	19.6	38.5
11F RF	FF	LinStatic		Diaph D1 Y	0.000518	9.4E-05	5.529	45	26.8	14.8	38.5
11F RF	PW	LinStatic		Diaph D1 X	0.000366	0.000119	3.066	44	26.8	19.6	38.5
11F RF	PW	LinStatic		Diaph D1 Y	0.000453	6.1E-05	7.44	45	26.8	14.8	38.5
11F RF	Earthquake+x	LinStatic		Diaph D1 X	0.002966	0.002322	1.277	11	7	19.6	38.5
11F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.001246	0.000247	5.046	45	26.8	14.8	38.5
11F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.003275	0.00298	1.099	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	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.001958	0.001486	1.317	33	3.75	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001419	0.001072	1.324	45	26.8	14.8	38.5
11F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002223	0.001742	1.276	11	7	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001345	0.001097	1.225	45	26.8	14.8	38.5
11F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.002365	0.001829	1.293	11	7	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001323	0.001054	1.255	45	26.8	14.8	38.5
11F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.00203	0.001603	1.266	11	7	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001615	0.00114	1.417	45	26.8	14.8	38.5
11F RF	UDCon1	Combination		Diaph D1 X	0.002022	0.000815	2.482	11	7	19.6	38.5
11F RF	UDCon1	Combination		Diaph D1 Y	0.002406	0.000486	4.952	45	26.8	14.8	38.5
11F RF	UDCon2	Combination		Diaph D1 X	0.002142	0.000894	2.395	11	7	19.6	38.5
11F RF	UDCon2	Combination		Diaph D1 Y	0.002516	0.000533	4.72	45	26.8	14.8	38.5
11F RF	UDCon3	Combination	Max	Diaph D1 X	0.00131	0.000868	1.51	50	22.6	5	38.5
11F RF	UDCon3	Combination	Max	Diaph D1 Y	0.003224	0.001471	2.191	45	26.8	14.8	38.5
11F RF	UDCon3	Combination	Min	Diaph D1 X	0.003745	0.002365	1.584	11	7	19.6	38.5
11F RF	UDCon3	Combination	Min	Diaph D1 Y	0.00205	0.000795	2.578	33	3.75	19.6	38.5
11F RF	UDCon4	Combination	Max	Diaph D1 X	0.00157	0.001129	1.391	50	22.6	5	38.5
11F RF	UDCon4	Combination	Max	Diaph D1 Y	0.003149	0.001534	2.053	45	26.8	14.8	38.5
11F RF	UDCon4	Combination	Min	Diaph D1 X	0.003479	0.002109	1.65	11	7	19.6	38.5
11F RF	UDCon4	Combination	Min	Diaph D1 Y	0.001851	0.000732	2.529	33	3.75	19.6	38.5
11F RF	UDCon5	Combination	Max	Diaph D1 X	0.001597	0.001214	1.316	50	22.6	5	38.5
11F RF	UDCon5	Combination	Max	Diaph D1 Y	0.003127	0.001433	2.182	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	UDCon5	Combination	Min	Diaph D1 X	0.003552	0.002226	1.595	11	7	19.6	38.5
11F RF	UDCon5	Combination	Min	Diaph D1 Y	0.001847	0.000826	2.236	33	3.75	19.6	38.5
11F RF	UDCon6	Combination	Max	Diaph D1 X	0.001486	0.000099	1.501	50	22.6	5	38.5
11F RF	UDCon6	Combination	Max	Diaph D1 Y	0.00342	0.001568	2.181	45	26.8	14.8	38.5
11F RF	UDCon6	Combination	Min	Diaph D1 X	0.003887	0.002452	1.585	11	7	19.6	38.5
11F RF	UDCon6	Combination	Min	Diaph D1 Y	0.001871	0.000695	2.693	33	3.75	19.6	38.5
11F RF	UDCon7	Combination	Max	Diaph D1 X	0.001318	0.000883	1.492	50	22.6	5	38.5
11F RF	UDCon7	Combination	Max	Diaph D1 Y	0.003201	0.001462	2.19	45	26.8	14.8	38.5
11F RF	UDCon7	Combination	Min	Diaph D1 X	0.003721	0.002349	1.584	11	7	19.6	38.5
11F RF	UDCon7	Combination	Min	Diaph D1 Y	0.002046	0.000804	2.544	33	3.75	19.6	38.5
11F RF	UDCon8	Combination	Max	Diaph D1 X	0.001578	0.001145	1.379	50	22.6	5	38.5
11F RF	UDCon8	Combination	Max	Diaph D1 Y	0.003127	0.001524	2.051	45	26.8	14.8	38.5
11F RF	UDCon8	Combination	Min	Diaph D1 X	0.003456	0.002093	1.651	11	7	19.6	38.5
11F RF	UDCon8	Combination	Min	Diaph D1 Y	0.001847	0.000741	2.493	33	3.75	19.6	38.5
11F RF	UDCon9	Combination	Max	Diaph D1 X	0.001605	0.001229	1.306	50	22.6	5	38.5
11F RF	UDCon9	Combination	Max	Diaph D1 Y	0.003105	0.001424	2.181	45	26.8	14.8	38.5
11F RF	UDCon9	Combination	Min	Diaph D1 X	0.003528	0.00221	1.596	11	7	19.6	38.5
11F RF	UDCon9	Combination	Min	Diaph D1 Y	0.001844	0.000835	2.207	33	3.75	19.6	38.5
11F RF	UDCon10	Combination	Max	Diaph D1 X	0.001494	0.001006	1.485	50	22.6	5	38.5
11F RF	UDCon10	Combination	Max	Diaph D1 Y	0.003398	0.001558	2.18	45	26.8	14.8	38.5
11F RF	UDCon10	Combination	Min	Diaph D1 X	0.003863	0.002437	1.586	11	7	19.6	38.5
11F RF	UDCon10	Combination	Min	Diaph D1 Y	0.001868	0.000704	2.652	33	3.75	19.6	38.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
10F RF	Dead	LinStatic		Diaph D1 X	0.000695	0.000318	2.182	44	26.8	19.6	35
10F RF	Dead	LinStatic		Diaph D1 Y	0.000795	0.000199	3.988	45	26.8	14.8	35
10F RF	Live	LinStatic		Diaph D1 X	7.8E-05	5.2E-05	1.506	11	7	19.6	35
10F RF	Live	LinStatic		Diaph D1 Y	7.2E-05	3.1E-05	2.339	45	26.8	14.8	35
10F RF	FF	LinStatic		Diaph D1 X	0.000422	0.000158	2.667	44	26.8	19.6	35
10F RF	FF	LinStatic		Diaph D1 Y	0.000507	9E-05	5.618	45	26.8	14.8	35
10F RF	PW	LinStatic		Diaph D1 X	0.000361	0.000117	3.075	44	26.8	19.6	35
10F RF	PW	LinStatic		Diaph D1 Y	0.000443	5.8E-05	7.621	45	26.8	14.8	35
10F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003022	0.002378	1.271	11	7	19.6	35
10F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.001252	0.00025	5.011	44	26.8	19.6	35
10F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.003277	0.002968	1.104	45	26.8	14.8	35
10F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.00196	0.001491	1.315	33	3.75	19.6	35
10F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.00143	0.001075	1.33	45	26.8	14.8	35
10F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002254	0.001773	1.271	11	7	19.6	35
10F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001356	0.001102	1.23	45	26.8	14.8	35
10F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.002393	0.001849	1.295	11	7	19.6	35
10F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001323	0.001052	1.258	45	26.8	14.8	35
10F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.00207	0.001643	1.26	11	7	19.6	35
10F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001624	0.001142	1.422	45	26.8	14.8	35
10F RF	UDCon1	Combination		Diaph D1 X	0.001994	0.000802	2.487	44	26.8	19.6	35
10F RF	UDCon1	Combination		Diaph D1 Y	0.002356	0.000469	5.018	45	26.8	14.8	35
10F RF	UDCon2	Combination		Diaph D1 X	0.002111	0.000879	2.401	44	26.8	19.6	35
10F RF	UDCon2	Combination		Diaph D1 Y	0.002464	0.000516	4.778	45	26.8	14.8	35

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
10F RF	UDCon3	Combination	Max	Diaph D1 X	0.001314	0.000883	1.488	50	22.6	5	35
10F RF	UDCon3	Combination	Max	Diaph D1 Y	0.003197	0.001461	2.187	45	26.8	14.8	35
10F RF	UDCon3	Combination	Min	Diaph D1 X	0.003753	0.00239	1.57	11	7	19.6	35
10F RF	UDCon3	Combination	Min	Diaph D1 Y	0.002029	0.000804	2.525	33	3.75	19.6	35
10F RF	UDCon4	Combination	Max	Diaph D1 X	0.001601	0.001171	1.367	50	22.6	5	35
10F RF	UDCon4	Combination	Max	Diaph D1 Y	0.003123	0.001523	2.05	45	26.8	14.8	35
10F RF	UDCon4	Combination	Min	Diaph D1 X	0.003459	0.002105	1.643	11	7	19.6	35
10F RF	UDCon4	Combination	Min	Diaph D1 Y	0.001832	0.000741	2.473	33	3.75	19.6	35
10F RF	UDCon5	Combination	Max	Diaph D1 X	0.001604	0.001243	1.291	50	22.6	5	35
10F RF	UDCon5	Combination	Max	Diaph D1 Y	0.00309	0.001418	2.179	45	26.8	14.8	35
10F RF	UDCon5	Combination	Min	Diaph D1 X	0.003569	0.00226	1.579	11	7	19.6	35
10F RF	UDCon5	Combination	Min	Diaph D1 Y	0.001834	0.000837	2.192	33	3.75	19.6	35
10F RF	UDCon6	Combination	Max	Diaph D1 X	0.001526	0.001041	1.465	50	22.6	5	35
10F RF	UDCon6	Combination	Max	Diaph D1 Y	0.003391	0.00156	2.174	45	26.8	14.8	35
10F RF	UDCon6	Combination	Min	Diaph D1 X	0.003893	0.002465	1.579	11	7	19.6	35
10F RF	UDCon6	Combination	Min	Diaph D1 Y	0.001852	0.000703	2.634	33	3.75	19.6	35
10F RF	UDCon7	Combination	Max	Diaph D1 X	0.001322	0.000899	1.471	50	22.6	5	35
10F RF	UDCon7	Combination	Max	Diaph D1 Y	0.003175	0.001452	2.186	45	26.8	14.8	35
10F RF	UDCon7	Combination	Min	Diaph D1 X	0.003729	0.002374	1.571	11	7	19.6	35
10F RF	UDCon7	Combination	Min	Diaph D1 Y	0.002026	0.000813	2.492	33	3.75	19.6	35
10F RF	UDCon8	Combination	Max	Diaph D1 X	0.001608	0.001186	1.356	50	22.6	5	35
10F RF	UDCon8	Combination	Max	Diaph D1 Y	0.003101	0.001514	2.048	45	26.8	14.8	35

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
10F RF	UDCon8	Combination	Min	Diaph D1 X	0.003435	0.002089	1.644	11	7	19.6	35
10F RF	UDCon8	Combination	Min	Diaph D1 Y	0.001828	0.00075	2.438	33	3.75	19.6	35
10F RF	UDCon9	Combination	Max	Diaph D1 X	0.001612	0.001258	1.281	50	22.6	5	35
10F RF	UDCon9	Combination	Max	Diaph D1 Y	0.003068	0.001409	2.178	45	26.8	14.8	35
10F RF	UDCon9	Combination	Min	Diaph D1 X	0.003546	0.002244	1.58	11	7	19.6	35
10F RF	UDCon9	Combination	Min	Diaph D1 Y	0.001831	0.000846	2.164	33	3.75	19.6	35
10F RF	UDCon10	Combination	Max	Diaph D1 X	0.001533	0.001057	1.451	50	22.6	5	35
10F RF	UDCon10	Combination	Max	Diaph D1 Y	0.003369	0.001551	2.173	45	26.8	14.8	35
10F RF	UDCon10	Combination	Min	Diaph D1 X	0.003869	0.00245	1.579	11	7	19.6	35
10F RF	UDCon10	Combination	Min	Diaph D1 Y	0.001849	0.000712	2.596	33	3.75	19.6	35
9F RF	Dead	LinStatic		Diaph D1 X	0.000684	0.000312	2.194	11	7	19.6	31.5
9F RF	Dead	LinStatic		Diaph D1 Y	0.000776	0.000191	4.059	45	26.8	14.8	31.5
9F RF	Live	LinStatic		Diaph D1 X	7.6E-05	5E-05	1.511	11	7	19.6	31.5
9F RF	Live	LinStatic		Diaph D1 Y	7E-05	3E-05	2.349	45	26.8	14.8	31.5
9F RF	FF	LinStatic		Diaph D1 X	0.000415	0.000154	2.693	11	7	19.6	31.5
9F RF	FF	LinStatic		Diaph D1 Y	0.000495	8.6E-05	5.779	43	26.8	5	31.5
9F RF	PW	LinStatic		Diaph D1 X	0.000355	0.000114	3.11	11	7	19.6	31.5
9F RF	PW	LinStatic		Diaph D1 Y	0.000433	5.5E-05	7.931	43	26.8	5	31.5
9F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003068	0.002424	1.266	33	3.75	19.6	31.5
9F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.001259	0.000255	4.946	44	26.8	19.6	31.5
9F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.003263	0.00294	1.11	45	26.8	14.8	31.5
9F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.001949	0.001492	1.306	33	3.75	19.6	31.5
9F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001436	0.001074	1.337	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	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002274	0.001795	1.267	11	7	19.6	31.5
9F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001364	0.001104	1.236	45	26.8	14.8	31.5
9F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.002411	0.001856	1.299	11	7	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.00132	0.001046	1.262	45	26.8	14.8	31.5
9F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.002103	0.001677	1.254	11	7	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.00163	0.001141	1.428	45	26.8	14.8	31.5
9F RF	UDCon1	Combination		Diaph D1 X	0.001963	0.000783	2.507	11	7	19.6	31.5
9F RF	UDCon1	Combination		Diaph D1 Y	0.0023	0.000447	5.143	43	26.8	5	31.5
9F RF	UDCon2	Combination		Diaph D1 X	0.002077	0.000858	2.419	11	7	19.6	31.5
9F RF	UDCon2	Combination		Diaph D1 Y	0.002405	0.000492	4.889	43	26.8	5	31.5
9F RF	UDCon3	Combination	Max	Diaph D1 X	0.001346	0.000908	1.482	50	22.6	5	31.5
9F RF	UDCon3	Combination	Max	Diaph D1 Y	0.003158	0.001441	2.192	45	26.8	14.8	31.5
9F RF	UDCon3	Combination	Min	Diaph D1 X	0.003751	0.002405	1.56	11	7	19.6	31.5
9F RF	UDCon3	Combination	Min	Diaph D1 Y	0.002007	0.000813	2.47	33	3.75	19.6	31.5
9F RF	UDCon4	Combination	Max	Diaph D1 X	0.001632	0.00121	1.348	50	22.6	5	31.5
9F RF	UDCon4	Combination	Max	Diaph D1 Y	0.003086	0.001502	2.054	45	26.8	14.8	31.5
9F RF	UDCon4	Combination	Min	Diaph D1 X	0.003425	0.002099	1.632	11	7	19.6	31.5
9F RF	UDCon4	Combination	Min	Diaph D1 Y	0.001813	0.00075	2.417	33	3.75	19.6	31.5
9F RF	UDCon5	Combination	Max	Diaph D1 X	0.001607	0.001267	1.269	50	22.6	5	31.5
9F RF	UDCon5	Combination	Max	Diaph D1 Y	0.003043	0.001393	2.184	45	26.8	14.8	31.5
9F RF	UDCon5	Combination	Min	Diaph D1 X	0.00358	0.002288	1.565	11	7	19.6	31.5
9F RF	UDCon5	Combination	Min	Diaph D1 Y	0.001823	0.000849	2.146	33	3.75	19.6	31.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
9F RF	UDCon6	Combination	Max	Diaph D1 X	0.001568	0.001092	1.435	50	22.6	5	31.5
9F RF	UDCon6	Combination	Max	Diaph D1 Y	0.003353	0.001543	2.172	45	26.8	14.8	31.5
9F RF	UDCon6	Combination	Min	Diaph D1 X	0.003888	0.002461	1.58	11	7	19.6	31.5
9F RF	UDCon6	Combination	Min	Diaph D1 Y	0.001833	0.000708	2.588	33	3.75	19.6	31.5
9F RF	UDCon7	Combination	Max	Diaph D1 X	0.001354	0.000923	1.466	50	22.6	5	31.5
9F RF	UDCon7	Combination	Max	Diaph D1 Y	0.003137	0.001432	2.191	45	26.8	14.8	31.5
9F RF	UDCon7	Combination	Min	Diaph D1 X	0.003728	0.00239	1.56	11	7	19.6	31.5
9F RF	UDCon7	Combination	Min	Diaph D1 Y	0.002004	0.000822	2.439	33	3.75	19.6	31.5
9F RF	UDCon8	Combination	Max	Diaph D1 X	0.001639	0.001225	1.338	50	22.6	5	31.5
9F RF	UDCon8	Combination	Max	Diaph D1 Y	0.003065	0.001493	2.053	45	26.8	14.8	31.5
9F RF	UDCon8	Combination	Min	Diaph D1 X	0.003402	0.002084	1.632	11	7	19.6	31.5
9F RF	UDCon8	Combination	Min	Diaph D1 Y	0.00181	0.000759	2.384	33	3.75	19.6	31.5
9F RF	UDCon9	Combination	Max	Diaph D1 X	0.001614	0.001282	1.259	50	22.6	5	31.5
9F RF	UDCon9	Combination	Max	Diaph D1 Y	0.003022	0.001384	2.183	45	26.8	14.8	31.5
9F RF	UDCon9	Combination	Min	Diaph D1 X	0.003557	0.002273	1.565	11	7	19.6	31.5
9F RF	UDCon9	Combination	Min	Diaph D1 Y	0.00182	0.000858	2.12	33	3.75	19.6	31.5
9F RF	UDCon10	Combination	Max	Diaph D1 X	0.001576	0.001108	1.423	50	22.6	5	31.5
9F RF	UDCon10	Combination	Max	Diaph D1 Y	0.003332	0.001534	2.171	45	26.8	14.8	31.5
9F RF	UDCon10	Combination	Min	Diaph D1 X	0.003865	0.002445	1.58	11	7	19.6	31.5
9F RF	UDCon10	Combination	Min	Diaph D1 Y	0.00183	0.000717	2.552	33	3.75	19.6	31.5
8F RF	Dead	LinStatic		Diaph D1 X	0.000676	0.000305	2.219	11	7	19.6	28
8F RF	Dead	LinStatic		Diaph D1 Y	0.000757	0.000182	4.171	43	26.8	5	28
8F RF	Live	LinStatic		Diaph D1 X	7.4E-05	4.9E-05	1.521	11	7	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	Live	LinStatic		Diaph D1 Y	6.8E-05	2.9E-05	2.371	45	26.8	14.8	28
8F RF	FF	LinStatic		Diaph D1 X	0.000412	0.00015	2.741	11	7	19.6	28
8F RF	FF	LinStatic		Diaph D1 Y	0.000484	8E-05	6.04	43	26.8	5	28
8F RF	PW	LinStatic		Diaph D1 X	0.000353	0.000111	3.17	11	7	19.6	28
8F RF	PW	LinStatic		Diaph D1 Y	0.000424	5E-05	8.445	43	26.8	5	28
8F RF	Earthquake+x	LinStatic		Diaph D1 X	0.0031	0.002458	1.261	33	3.75	19.6	28
8F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.001268	0.000261	4.861	45	26.8	14.8	28
8F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.003231	0.002896	1.116	45	26.8	14.8	28
8F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.001925	0.00149	1.292	44	26.8	19.6	28
8F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001435	0.001067	1.344	45	26.8	14.8	28
8F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002283	0.001807	1.263	11	7	19.6	28
8F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001369	0.001102	1.243	45	26.8	14.8	28
8F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.002416	0.001851	1.305	11	7	19.6	28
8F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001315	0.001037	1.269	45	26.8	14.8	28
8F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.002128	0.001703	1.249	33	3.75	19.6	28
8F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001632	0.001137	1.436	45	26.8	14.8	28
8F RF	UDCon1	Combination		Diaph D1 X	0.001945	0.000764	2.544	11	7	19.6	28
8F RF	UDCon1	Combination		Diaph D1 Y	0.002248	0.000421	5.339	43	26.8	5	28
8F RF	UDCon2	Combination		Diaph D1 X	0.002056	0.000837	2.455	11	7	19.6	28
8F RF	UDCon2	Combination		Diaph D1 Y	0.00235	0.000464	5.064	43	26.8	5	28
8F RF	UDCon3	Combination	Max	Diaph D1 X	0.001383	0.000922	1.5	42	24.7	5	28
8F RF	UDCon3	Combination	Max	Diaph D1 Y	0.003106	0.001407	2.207	45	26.8	14.8	28
8F RF	UDCon3	Combination	Min	Diaph D1 X	0.003746	0.002405	1.558	11	7	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	UDCon3	Combination	Min	Diaph D1 Y	0.001988	0.000821	2.42	33	3.75	19.6	28
8F RF	UDCon4	Combination	Max	Diaph D1 X	0.001666	0.001243	1.34	42	24.7	5	28
8F RF	UDCon4	Combination	Max	Diaph D1 Y	0.00304	0.001469	2.069	45	26.8	14.8	28
8F RF	UDCon4	Combination	Min	Diaph D1 X	0.003386	0.002083	1.625	11	7	19.6	28
8F RF	UDCon4	Combination	Min	Diaph D1 Y	0.001798	0.000759	2.369	33	3.75	19.6	28
8F RF	UDCon5	Combination	Max	Diaph D1 X	0.001614	0.001284	1.258	42	24.7	5	28
8F RF	UDCon5	Combination	Max	Diaph D1 Y	0.002986	0.001357	2.2	45	26.8	14.8	28
8F RF	UDCon5	Combination	Min	Diaph D1 X	0.00359	0.002302	1.56	11	7	19.6	28
8F RF	UDCon5	Combination	Min	Diaph D1 Y	0.001816	0.000862	2.106	33	3.75	19.6	28
8F RF	UDCon6	Combination	Max	Diaph D1 X	0.001615	0.00114	1.417	42	24.7	5	28
8F RF	UDCon6	Combination	Max	Diaph D1 Y	0.003303	0.001515	2.18	45	26.8	14.8	28
8F RF	UDCon6	Combination	Min	Diaph D1 X	0.003878	0.002445	1.586	11	7	19.6	28
8F RF	UDCon6	Combination	Min	Diaph D1 Y	0.001818	0.000713	2.549	33	3.75	19.6	28
8F RF	UDCon7	Combination	Max	Diaph D1 X	0.00139	0.000936	1.484	42	24.7	5	28
8F RF	UDCon7	Combination	Max	Diaph D1 Y	0.003085	0.001398	2.206	45	26.8	14.8	28
8F RF	UDCon7	Combination	Min	Diaph D1 X	0.003724	0.00239	1.558	11	7	19.6	28
8F RF	UDCon7	Combination	Min	Diaph D1 Y	0.001984	0.00083	2.391	33	3.75	19.6	28
8F RF	UDCon8	Combination	Max	Diaph D1 X	0.001673	0.001258	1.33	42	24.7	5	28
8F RF	UDCon8	Combination	Max	Diaph D1 Y	0.003019	0.00146	2.067	45	26.8	14.8	28
8F RF	UDCon8	Combination	Min	Diaph D1 X	0.003364	0.002069	1.626	11	7	19.6	28
8F RF	UDCon8	Combination	Min	Diaph D1 Y	0.001794	0.000767	2.338	33	3.75	19.6	28
8F RF	UDCon9	Combination	Max	Diaph D1 X	0.001621	0.001298	1.249	42	24.7	5	28

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
8F RF	UDCon9	Combination	Max	Diaph D1 Y	0.002966	0.001349	2.199	45	26.8	14.8	28
8F RF	UDCon9	Combination	Min	Diaph D1 X	0.003568	0.002287	1.56	11	7	19.6	28
8F RF	UDCon9	Combination	Min	Diaph D1 Y	0.001813	0.000871	2.082	33	3.75	19.6	28
8F RF	UDCon10	Combination	Max	Diaph D1 X	0.001622	0.001155	1.405	42	24.7	5	28
8F RF	UDCon10	Combination	Max	Diaph D1 Y	0.003283	0.001507	2.179	45	26.8	14.8	28
8F RF	UDCon10	Combination	Min	Diaph D1 X	0.003856	0.00243	1.587	11	7	19.6	28
8F RF	UDCon10	Combination	Min	Diaph D1 Y	0.001814	0.000722	2.514	33	3.75	19.6	28
7F RF	Dead	LinStatic		Diaph D1 X	0.000675	0.000299	2.256	11	7	19.6	24.5
7F RF	Dead	LinStatic		Diaph D1 Y	0.000741	0.00017	4.356	43	26.8	5	24.5
7F RF	Live	LinStatic		Diaph D1 X	7.2E-05	4.7E-05	1.538	11	7	19.6	24.5
7F RF	Live	LinStatic		Diaph D1 Y	6.6E-05	2.7E-05	2.414	43	26.8	5	24.5
7F RF	FF	LinStatic		Diaph D1 X	0.000414	0.000148	2.807	11	7	19.6	24.5
7F RF	FF	LinStatic		Diaph D1 Y	0.000475	7.3E-05	6.473	43	26.8	5	24.5
7F RF	PW	LinStatic		Diaph D1 X	0.000357	0.00011	3.244	11	7	19.6	24.5
7F RF	PW	LinStatic		Diaph D1 Y	0.000417	4.5E-05	9.303	43	26.8	5	24.5
7F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003114	0.002478	1.257	33	3.75	19.6	24.5
7F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.001277	0.000268	4.766	45	26.8	14.8	24.5
7F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.003179	0.002831	1.123	45	26.8	14.8	24.5
7F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.001894	0.00148	1.28	44	26.8	19.6	24.5
7F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001427	0.001055	1.352	45	26.8	14.8	24.5
7F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002278	0.001808	1.26	33	3.75	19.6	24.5
7F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.00137	0.001095	1.251	45	26.8	14.8	24.5
7F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.002407	0.001845	1.305	33	3.75	19.6	24.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
7F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001303	0.001021	1.276	45	26.8	14.8	24.5
7F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.00214	0.00172	1.244	33	3.75	19.6	24.5
7F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.00163	0.001127	1.446	45	26.8	14.8	24.5
7F RF	UDCon1	Combination		Diaph D1 X	0.001952	0.000752	2.597	11	7	19.6	24.5
7F RF	UDCon1	Combination		Diaph D1 Y	0.002204	0.000389	5.664	43	26.8	5	24.5
7F RF	UDCon2	Combination		Diaph D1 X	0.002061	0.000822	2.507	11	7	19.6	24.5
7F RF	UDCon2	Combination		Diaph D1 Y	0.002303	0.00043	5.353	43	26.8	5	24.5
7F RF	UDCon3	Combination	Max	Diaph D1 X	0.001422	0.000919	1.547	42	24.7	5	24.5
7F RF	UDCon3	Combination	Max	Diaph D1 Y	0.003042	0.001358	2.241	43	26.8	5	24.5
7F RF	UDCon3	Combination	Min	Diaph D1 X	0.003746	0.002399	1.562	11	7	19.6	24.5
7F RF	UDCon3	Combination	Min	Diaph D1 Y	0.001976	0.000828	2.387	33	3.75	19.6	24.5
7F RF	UDCon4	Combination	Max	Diaph D1 X	0.001704	0.001257	1.355	42	24.7	5	24.5
7F RF	UDCon4	Combination	Max	Diaph D1 Y	0.002984	0.001421	2.101	43	26.8	5	24.5
7F RF	UDCon4	Combination	Min	Diaph D1 X	0.003352	0.002061	1.627	11	7	19.6	24.5
7F RF	UDCon4	Combination	Min	Diaph D1 Y	0.001792	0.000765	2.343	33	3.75	19.6	24.5
7F RF	UDCon5	Combination	Max	Diaph D1 X	0.001649	0.001294	1.275	42	24.7	5	24.5
7F RF	UDCon5	Combination	Max	Diaph D1 Y	0.002925	0.001308	2.235	43	26.8	5	24.5
7F RF	UDCon5	Combination	Min	Diaph D1 X	0.003608	0.00231	1.562	11	7	19.6	24.5
7F RF	UDCon5	Combination	Min	Diaph D1 Y	0.001821	0.000875	2.082	33	3.75	19.6	24.5
7F RF	UDCon6	Combination	Max	Diaph D1 X	0.001666	0.001169	1.425	42	24.7	5	24.5
7F RF	UDCon6	Combination	Max	Diaph D1 Y	0.00324	0.001471	2.202	45	26.8	14.8	24.5
7F RF	UDCon6	Combination	Min	Diaph D1 X	0.003874	0.002435	1.591	11	7	19.6	24.5
7F RF	UDCon6	Combination	Min	Diaph D1 Y	0.001811	0.000716	2.531	33	3.75	19.6	24.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
7F RF	UDCon7	Combination	Max	Diaph D1 X	0.001429	0.000934	1.531	42	24.7	5	24.5
7F RF	UDCon7	Combination	Max	Diaph D1 Y	0.003022	0.001349	2.24	43	26.8	5	24.5
7F RF	UDCon7	Combination	Min	Diaph D1 X	0.003725	0.002384	1.562	11	7	19.6	24.5
7F RF	UDCon7	Combination	Min	Diaph D1 Y	0.001972	0.000836	2.36	33	3.75	19.6	24.5
7F RF	UDCon8	Combination	Max	Diaph D1 X	0.001711	0.001271	1.346	42	24.7	5	24.5
7F RF	UDCon8	Combination	Max	Diaph D1 Y	0.002964	0.001412	2.099	43	26.8	5	24.5
7F RF	UDCon8	Combination	Min	Diaph D1 X	0.003331	0.002047	1.627	11	7	19.6	24.5
7F RF	UDCon8	Combination	Min	Diaph D1 Y	0.001788	0.000773	2.314	33	3.75	19.6	24.5
7F RF	UDCon9	Combination	Max	Diaph D1 X	0.001655	0.001308	1.266	42	24.7	5	24.5
7F RF	UDCon9	Combination	Max	Diaph D1 Y	0.002905	0.0013	2.234	43	26.8	5	24.5
7F RF	UDCon9	Combination	Min	Diaph D1 X	0.003586	0.002296	1.562	11	7	19.6	24.5
7F RF	UDCon9	Combination	Min	Diaph D1 Y	0.001817	0.000883	2.059	33	3.75	19.6	24.5
7F RF	UDCon10	Combination	Max	Diaph D1 X	0.001673	0.001183	1.414	42	24.7	5	24.5
7F RF	UDCon10	Combination	Max	Diaph D1 Y	0.00322	0.001463	2.201	45	26.8	14.8	24.5
7F RF	UDCon10	Combination	Min	Diaph D1 X	0.003853	0.002421	1.591	11	7	19.6	24.5
7F RF	UDCon10	Combination	Min	Diaph D1 Y	0.001808	0.000724	2.498	33	3.75	19.6	24.5
6F RF	Dead	LinStatic		Diaph D1 X	0.000684	0.0003	2.28	33	3.75	19.6	21
6F RF	Dead	LinStatic		Diaph D1 Y	0.000727	0.000156	4.657	43	26.8	5	21
6F RF	Live	LinStatic		Diaph D1 X	7.1E-05	4.5E-05	1.558	11	7	19.6	21
6F RF	Live	LinStatic		Diaph D1 Y	6.4E-05	2.6E-05	2.489	43	26.8	5	21
6F RF	FF	LinStatic		Diaph D1 X	0.000426	0.000151	2.829	33	3.75	19.6	21
6F RF	FF	LinStatic		Diaph D1 Y	0.000469	6.5E-05	7.205	43	26.8	5	21
6F RF	PW	LinStatic		Diaph D1 X	0.00037	0.000114	3.238	33	3.75	19.6	21

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
6F RF	PW	LinStatic		Diaph D1 Y	0.000412	3.8E-05	10.825	43	26.8	5	21
6F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003122	0.002488	1.255	44	26.8	19.6	21
6F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.001286	0.000275	4.677	45	26.8	14.8	21
6F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.003102	0.002744	1.13	45	26.8	14.8	21
6F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.001852	0.001461	1.268	44	26.8	19.6	21
6F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001409	0.001035	1.361	45	26.8	14.8	21
6F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002269	0.001801	1.26	44	26.8	19.6	21
6F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001364	0.001082	1.261	45	26.8	14.8	21
6F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.002393	0.001834	1.305	44	26.8	19.6	21
6F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001282	0.000998	1.284	45	26.8	14.8	21
6F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.002148	0.001729	1.242	44	26.8	19.6	21
6F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001619	0.001117	1.449	45	26.8	14.8	21
6F RF	UDCon1	Combination		Diaph D1 X	0.001998	0.000762	2.62	33	3.75	19.6	21
6F RF	UDCon1	Combination		Diaph D1 Y	0.002172	0.00035	6.203	43	26.8	5	21
6F RF	UDCon2	Combination		Diaph D1 X	0.002104	0.000831	2.533	33	3.75	19.6	21
6F RF	UDCon2	Combination		Diaph D1 Y	0.002268	0.000389	5.834	43	26.8	5	21
6F RF	UDCon3	Combination	Max	Diaph D1 X	0.001447	0.000889	1.627	42	24.7	5	21
6F RF	UDCon3	Combination	Max	Diaph D1 Y	0.002994	0.001303	2.297	43	26.8	5	21
6F RF	UDCon3	Combination	Min	Diaph D1 X	0.00376	0.002396	1.569	33	3.75	19.6	21
6F RF	UDCon3	Combination	Min	Diaph D1 Y	0.001977	0.000834	2.372	33	3.75	19.6	21
6F RF	UDCon4	Combination	Max	Diaph D1 X	0.001722	0.00124	1.389	42	24.7	5	21
6F RF	UDCon4	Combination	Max	Diaph D1 Y	0.002946	0.001368	2.154	43	26.8	5	21

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
6F RF	UDCon4	Combination	Min	Diaph D1 X	0.003334	0.002046	1.63	33	3.75	19.6	21
6F RF	UDCon4	Combination	Min	Diaph D1 Y	0.0018	0.000769	2.34	33	3.75	19.6	21
6F RF	UDCon5	Combination	Max	Diaph D1 X	0.001665	0.001273	1.308	42	24.7	5	21
6F RF	UDCon5	Combination	Max	Diaph D1 Y	0.002873	0.001252	2.295	43	26.8	5	21
6F RF	UDCon5	Combination	Min	Diaph D1 X	0.003639	0.002324	1.566	33	3.75	19.6	21
6F RF	UDCon5	Combination	Min	Diaph D1 Y	0.001842	0.000888	2.075	33	3.75	19.6	21
6F RF	UDCon6	Combination	Max	Diaph D1 X	0.001697	0.001167	1.454	42	24.7	5	21
6F RF	UDCon6	Combination	Max	Diaph D1 Y	0.00319	0.001422	2.243	43	26.8	5	21
6F RF	UDCon6	Combination	Min	Diaph D1 X	0.003883	0.002429	1.598	33	3.75	19.6	21
6F RF	UDCon6	Combination	Min	Diaph D1 Y	0.001818	0.000718	2.534	33	3.75	19.6	21
6F RF	UDCon7	Combination	Max	Diaph D1 X	0.001453	0.000903	1.609	42	24.7	5	21
6F RF	UDCon7	Combination	Max	Diaph D1 Y	0.002975	0.001296	2.296	43	26.8	5	21
6F RF	UDCon7	Combination	Min	Diaph D1 X	0.003738	0.002383	1.569	33	3.75	19.6	21
6F RF	UDCon7	Combination	Min	Diaph D1 Y	0.001973	0.000841	2.345	33	3.75	19.6	21
6F RF	UDCon8	Combination	Max	Diaph D1 X	0.001728	0.001253	1.379	42	24.7	5	21
6F RF	UDCon8	Combination	Max	Diaph D1 Y	0.002927	0.00136	2.152	43	26.8	5	21
6F RF	UDCon8	Combination	Min	Diaph D1 X	0.003313	0.002032	1.63	33	3.75	19.6	21
6F RF	UDCon8	Combination	Min	Diaph D1 Y	0.001796	0.000777	2.312	33	3.75	19.6	21
6F RF	UDCon9	Combination	Max	Diaph D1 X	0.001671	0.001286	1.299	42	24.7	5	21
6F RF	UDCon9	Combination	Max	Diaph D1 Y	0.002854	0.001244	2.294	43	26.8	5	21
6F RF	UDCon9	Combination	Min	Diaph D1 X	0.003618	0.00231	1.566	33	3.75	19.6	21
6F RF	UDCon9	Combination	Min	Diaph D1 Y	0.001838	0.000895	2.053	33	3.75	19.6	21

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
6F RF	UDCon10	Combination	Max	Diaph D1 X	0.001703	0.00118	1.443	42	24.7	5	21
6F RF	UDCon10	Combination	Max	Diaph D1 Y	0.00317	0.001414	2.242	43	26.8	5	21
6F RF	UDCon10	Combination	Min	Diaph D1 X	0.003862	0.002416	1.599	33	3.75	19.6	21
6F RF	UDCon10	Combination	Min	Diaph D1 Y	0.001815	0.000725	2.502	33	3.75	19.6	21
5F RF	Dead	LinStatic		Diaph D1 X	0.000704	0.000316	2.229	33	3.75	19.6	17.5
5F RF	Dead	LinStatic		Diaph D1 Y	0.00071	0.000138	5.163	43	26.8	5	17.5
5F RF	Live	LinStatic		Diaph D1 X	7E-05	4.4E-05	1.567	33	3.75	19.6	17.5
5F RF	Live	LinStatic		Diaph D1 Y	6.2E-05	2.4E-05	2.614	43	26.8	5	17.5
5F RF	FF	LinStatic		Diaph D1 X	0.000447	0.000166	2.69	33	3.75	19.6	17.5
5F RF	FF	LinStatic		Diaph D1 Y	0.00046	5.3E-05	8.633	43	26.8	5	17.5
5F RF	PW	LinStatic		Diaph D1 X	0.000392	0.000131	3	33	3.75	19.6	17.5
5F RF	PW	LinStatic		Diaph D1 Y	0.000405	2.8E-05	14.334	43	26.8	5	17.5
5F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003129	0.002489	1.257	44	26.8	19.6	17.5
5F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.001292	0.000283	4.567	45	26.8	14.8	17.5
5F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.002985	0.002623	1.138	45	26.8	14.8	17.5
5F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.001806	0.001445	1.25	44	26.8	19.6	17.5
5F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001375	0.001004	1.37	45	26.8	14.8	17.5
5F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002258	0.001788	1.262	44	26.8	19.6	17.5
5F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001348	0.001058	1.274	45	26.8	14.8	17.5
5F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.002377	0.001818	1.308	44	26.8	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001254	0.000969	1.294	45	26.8	14.8	17.5
5F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.002156	0.001733	1.244	44	26.8	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001594	0.001099	1.451	45	26.8	14.8	17.5
5F RF	UDCon1	Combination		Diaph D1 X	0.002082	0.000827	2.519	33	3.75	19.6	17.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
5F RF	UDCon1	Combination		Diaph D1 Y	0.002127	0.000296	7.191	43	26.8	5	17.5
5F RF	UDCon2	Combination		Diaph D1 X	0.002186	0.000893	2.448	33	3.75	19.6	17.5
5F RF	UDCon2	Combination		Diaph D1 Y	0.00222	0.000331	6.7	43	26.8	5	17.5
5F RF	UDCon3	Combination	Max	Diaph D1 X	0.001434	0.000819	1.75	42	24.7	5	17.5
5F RF	UDCon3	Combination	Max	Diaph D1 Y	0.002929	0.00123	2.381	43	26.8	5	17.5
5F RF	UDCon3	Combination	Min	Diaph D1 X	0.003783	0.002415	1.566	33	3.75	19.6	17.5
5F RF	UDCon3	Combination	Min	Diaph D1 Y	0.001985	0.000845	2.349	33	3.75	19.6	17.5
5F RF	UDCon4	Combination	Max	Diaph D1 X	0.001671	0.001164	1.436	42	24.7	5	17.5
5F RF	UDCon4	Combination	Max	Diaph D1 Y	0.002893	0.001298	2.23	43	26.8	5	17.5
5F RF	UDCon4	Combination	Min	Diaph D1 X	0.003331	0.00207	1.609	33	3.75	19.6	17.5
5F RF	UDCon4	Combination	Min	Diaph D1 Y	0.001815	0.000778	2.334	33	3.75	19.6	17.5
5F RF	UDCon5	Combination	Max	Diaph D1 X	0.001613	0.001194	1.351	42	24.7	5	17.5
5F RF	UDCon5	Combination	Max	Diaph D1 Y	0.002804	0.001176	2.384	43	26.8	5	17.5
5F RF	UDCon5	Combination	Min	Diaph D1 X	0.00368	0.002357	1.561	33	3.75	19.6	17.5
5F RF	UDCon5	Combination	Min	Diaph D1 Y	0.001869	0.000906	2.064	33	3.75	19.6	17.5
5F RF	UDCon6	Combination	Max	Diaph D1 X	0.001658	0.001106	1.499	42	24.7	5	17.5
5F RF	UDCon6	Combination	Max	Diaph D1 Y	0.00313	0.001358	2.305	43	26.8	5	17.5
5F RF	UDCon6	Combination	Min	Diaph D1 X	0.003901	0.002445	1.595	33	3.75	19.6	17.5
5F RF	UDCon6	Combination	Min	Diaph D1 Y	0.001832	0.000724	2.531	33	3.75	19.6	17.5
5F RF	UDCon7	Combination	Max	Diaph D1 X	0.00144	0.000833	1.729	42	24.7	5	17.5
5F RF	UDCon7	Combination	Max	Diaph D1 Y	0.00291	0.001223	2.379	43	26.8	5	17.5
5F RF	UDCon7	Combination	Min	Diaph D1 X	0.003762	0.002402	1.566	33	3.75	19.6	17.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
5F RF	UDCon7	Combination	Min	Diaph D1 Y	0.001981	0.000852	2.324	33	3.75	19.6	17.5
5F RF	UDCon8	Combination	Max	Diaph D1 X	0.001677	0.001177	1.424	42	24.7	5	17.5
5F RF	UDCon8	Combination	Max	Diaph D1 Y	0.002875	0.001291	2.228	43	26.8	5	17.5
5F RF	UDCon8	Combination	Min	Diaph D1 X	0.00331	0.002057	1.609	33	3.75	19.6	17.5
5F RF	UDCon8	Combination	Min	Diaph D1 Y	0.001811	0.000785	2.307	33	3.75	19.6	17.5
5F RF	UDCon9	Combination	Max	Diaph D1 X	0.001619	0.001207	1.341	42	24.7	5	17.5
5F RF	UDCon9	Combination	Max	Diaph D1 Y	0.002785	0.001169	2.382	43	26.8	5	17.5
5F RF	UDCon9	Combination	Min	Diaph D1 X	0.00366	0.002344	1.561	33	3.75	19.6	17.5
5F RF	UDCon9	Combination	Min	Diaph D1 Y	0.001865	0.000913	2.043	33	3.75	19.6	17.5
5F RF	UDCon10	Combination	Max	Diaph D1 X	0.001664	0.00112	1.486	42	24.7	5	17.5
5F RF	UDCon10	Combination	Max	Diaph D1 Y	0.003112	0.001351	2.303	43	26.8	5	17.5
5F RF	UDCon10	Combination	Min	Diaph D1 X	0.00388	0.002432	1.595	33	3.75	19.6	17.5
5F RF	UDCon10	Combination	Min	Diaph D1 Y	0.001828	0.000731	2.5	33	3.75	19.6	17.5
4F RF	Dead	LinStatic		Diaph D1 X	0.000723	0.000358	2.022	33	3.75	19.6	14
4F RF	Dead	LinStatic		Diaph D1 Y	0.000866	0.000222	3.902	43	26.8	5	14
4F RF	Live	LinStatic		Diaph D1 X	6.8E-05	4.4E-05	1.537	33	3.75	19.6	14
4F RF	Live	LinStatic		Diaph D1 Y	6.9E-05	2.7E-05	2.549	43	26.8	5	14
4F RF	FF	LinStatic		Diaph D1 X	0.000468	0.000205	2.286	33	3.75	19.6	14
4F RF	FF	LinStatic		Diaph D1 Y	0.000591	0.000125	4.738	43	26.8	5	14
4F RF	PW	LinStatic		Diaph D1 X	0.000415	0.00017	2.44	33	3.75	19.6	14
4F RF	PW	LinStatic		Diaph D1 Y	0.000532	9.8E-05	5.429	43	26.8	5	14
4F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003152	0.002484	1.269	44	26.8	19.6	14
4F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.001286	0.000298	4.32	44	26.8	19.6	14

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
4F RF	Earthquake+y	LinStatic		Diaph D1 X	0.000513	0.000268	1.911	33	3.75	19.6	14
4F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.002811	0.002458	1.144	45	26.8	14.8	14
4F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.001796	0.001444	1.244	44	26.8	19.6	14
4F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001316	0.000955	1.378	45	26.8	14.8	14
4F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.00226	0.001771	1.276	44	26.8	19.6	14
4F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001309	0.001013	1.292	44	26.8	19.6	14
4F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.002373	0.001798	1.32	44	26.8	19.6	14
4F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001223	0.000927	1.318	44	26.8	19.6	14
4F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.002177	0.001732	1.256	44	26.8	19.6	14
4F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.00154	0.001063	1.449	44	26.8	19.6	14
4F RF	UDCon1	Combination		Diaph D1 X	0.002168	0.000989	2.193	33	3.75	19.6	14
4F RF	UDCon1	Combination		Diaph D1 Y	0.002684	0.0006	4.473	43	26.8	5	14
4F RF	UDCon2	Combination		Diaph D1 X	0.00227	0.001055	2.151	33	3.75	19.6	14
4F RF	UDCon2	Combination		Diaph D1 Y	0.002788	0.000641	4.352	43	26.8	5	14
4F RF	UDCon3	Combination	Max	Diaph D1 X	0.001227	0.000665	1.845	43	26.8	5	14
4F RF	UDCon3	Combination	Max	Diaph D1 Y	0.003314	0.001421	2.332	43	26.8	5	14
4F RF	UDCon3	Combination	Min	Diaph D1 X	0.003786	0.002468	1.534	33	3.75	19.6	14
4F RF	UDCon3	Combination	Min	Diaph D1 Y	0.001904	0.000583	3.264	33	3.75	19.6	14
4F RF	UDCon4	Combination	Max	Diaph D1 X	0.00142	0.000977	1.454	43	26.8	5	14
4F RF	UDCon4	Combination	Max	Diaph D1 Y	0.003281	0.001489	2.204	43	26.8	5	14
4F RF	UDCon4	Combination	Min	Diaph D1 X	0.003356	0.002156	1.556	33	3.75	19.6	14
4F RF	UDCon4	Combination	Min	Diaph D1 Y	0.001736	0.000516	3.364	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	UDCon5	Combination	Max	Diaph D1 X	0.001363	0.001005	1.356	43	26.8	5	14
4F RF	UDCon5	Combination	Max	Diaph D1 Y	0.003186	0.001365	2.333	43	26.8	5	14
4F RF	UDCon5	Combination	Min	Diaph D1 X	0.003702	0.002428	1.525	33	3.75	19.6	14
4F RF	UDCon5	Combination	Min	Diaph D1 Y	0.001795	0.000639	2.81	33	3.75	19.6	14
4F RF	UDCon6	Combination	Max	Diaph D1 X	0.001423	0.000936	1.52	43	26.8	5	14
4F RF	UDCon6	Combination	Max	Diaph D1 Y	0.003501	0.001544	2.267	43	26.8	5	14
4F RF	UDCon6	Combination	Min	Diaph D1 X	0.003901	0.002497	1.562	33	3.75	19.6	14
4F RF	UDCon6	Combination	Min	Diaph D1 Y	0.001753	0.00046	3.81	33	3.75	19.6	14
4F RF	UDCon7	Combination	Max	Diaph D1 X	0.001233	0.000678	1.818	43	26.8	5	14
4F RF	UDCon7	Combination	Max	Diaph D1 Y	0.003294	0.001413	2.33	43	26.8	5	14
4F RF	UDCon7	Combination	Min	Diaph D1 X	0.003766	0.002455	1.534	33	3.75	19.6	14
4F RF	UDCon7	Combination	Min	Diaph D1 Y	0.0019	0.000591	3.212	33	3.75	19.6	14
4F RF	UDCon8	Combination	Max	Diaph D1 X	0.001426	0.00099	1.441	43	26.8	5	14
4F RF	UDCon8	Combination	Max	Diaph D1 Y	0.00326	0.00148	2.202	43	26.8	5	14
4F RF	UDCon8	Combination	Min	Diaph D1 X	0.003335	0.002143	1.556	33	3.75	19.6	14
4F RF	UDCon8	Combination	Min	Diaph D1 Y	0.001732	0.000524	3.303	33	3.75	19.6	14
4F RF	UDCon9	Combination	Max	Diaph D1 X	0.001369	0.001019	1.344	43	26.8	5	14
4F RF	UDCon9	Combination	Max	Diaph D1 Y	0.003165	0.001357	2.332	43	26.8	5	14
4F RF	UDCon9	Combination	Min	Diaph D1 X	0.003682	0.002414	1.525	33	3.75	19.6	14
4F RF	UDCon9	Combination	Min	Diaph D1 Y	0.001791	0.000647	2.768	33	3.75	19.6	14
4F RF	UDCon10	Combination	Max	Diaph D1 X	0.001429	0.000949	1.505	43	26.8	5	14
4F RF	UDCon10	Combination	Max	Diaph D1 Y	0.00348	0.001536	2.266	43	26.8	5	14
4F RF	UDCon10	Combination	Min	Diaph D1 X	0.00388	0.002484	1.562	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	UDCon10	Combination	Min	Diaph D1 Y	0.001748	0.000468	3.735	33	3.75	19.6	14
3F RF	Dead	LinStatic		Diaph D1 X	0.000875	0.00043	2.033	45	26.8	14.8	10.5
3F RF	Dead	LinStatic		Diaph D1 Y	0.00067	0.000178	3.77	48	26.8	12	10.5
3F RF	Live	LinStatic		Diaph D1 X	7.2E-05	4.5E-05	1.581	45	26.8	14.8	10.5
3F RF	Live	LinStatic		Diaph D1 Y	5.7E-05	2.4E-05	2.351	48	26.8	12	10.5
3F RF	FF	LinStatic		Diaph D1 X	0.000609	0.000274	2.221	45	26.8	14.8	10.5
3F RF	FF	LinStatic		Diaph D1 Y	0.000438	9.2E-05	4.76	48	26.8	12	10.5
3F RF	PW	LinStatic		Diaph D1 X	0.000555	0.000239	2.318	45	26.8	14.8	10.5
3F RF	PW	LinStatic		Diaph D1 Y	0.000388	6.8E-05	5.729	48	26.8	12	10.5
3F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003264	0.002441	1.337	44	26.8	19.6	10.5
3F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.001269	0.000316	4.016	45	26.8	14.8	10.5
3F RF	Earthquake+y	LinStatic		Diaph D1 X	0.000618	0.000272	2.267	44	26.8	19.6	10.5
3F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.002632	0.002271	1.159	48	26.8	12	10.5
3F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.001858	0.001423	1.305	44	26.8	19.6	10.5
3F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001238	0.000883	1.402	48	26.8	12	10.5
3F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002329	0.001723	1.351	44	26.8	19.6	10.5
3F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001242	0.000932	1.332	45	26.8	14.8	10.5
3F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.002435	0.001747	1.394	44	26.8	19.6	10.5
3F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001158	0.000859	1.348	43	26.8	5	10.5
3F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.00228	0.001714	1.33	44	26.8	19.6	10.5
3F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001453	0.000998	1.456	43	26.8	5	10.5
3F RF	UDCon1	Combination		Diaph D1 X	0.002752	0.001274	2.16	45	26.8	14.8	10.5
3F RF	UDCon1	Combination		Diaph D1 Y	0.002018	0.000455	4.433	48	26.8	12	10.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
3F RF	UDCon2	Combination		Diaph D1 X	0.00286	0.001342	2.13	45	26.8	14.8	10.5
3F RF	UDCon2	Combination		Diaph D1 Y	0.002104	0.000492	4.278	48	26.8	12	10.5
3F RF	UDCon3	Combination	Max	Diaph D1 X	0.001228	0.000352	3.485	26	11.4	5	10.5
3F RF	UDCon3	Combination	Max	Diaph D1 Y	0.002751	0.001253	2.196	48	26.8	12	10.5
3F RF	UDCon3	Combination	Min	Diaph D1 X	0.004069	0.002584	1.575	44	26.8	19.6	10.5
3F RF	UDCon3	Combination	Min	Diaph D1 Y	0.001789	0.000744	2.404	45	26.8	14.8	10.5
3F RF	UDCon4	Combination	Max	Diaph D1 X	0.001389	0.000622	2.233	26	11.4	5	10.5
3F RF	UDCon4	Combination	Max	Diaph D1 Y	0.002727	0.001317	2.071	48	26.8	12	10.5
3F RF	UDCon4	Combination	Min	Diaph D1 X	0.003598	0.002267	1.587	44	26.8	19.6	10.5
3F RF	UDCon4	Combination	Min	Diaph D1 Y	0.001756	0.000741	2.369	45	26.8	14.8	10.5
3F RF	UDCon5	Combination	Max	Diaph D1 X	0.001331	0.000619	2.151	26	11.4	5	10.5
3F RF	UDCon5	Combination	Max	Diaph D1 Y	0.002633	0.001201	2.192	48	26.8	12	10.5
3F RF	UDCon5	Combination	Min	Diaph D1 X	0.00402	0.002563	1.568	44	26.8	19.6	10.5
3F RF	UDCon5	Combination	Min	Diaph D1 Y	0.001987	0.00094	2.113	45	26.8	14.8	10.5
3F RF	UDCon6	Combination	Max	Diaph D1 X	0.001397	0.000611	2.284	26	11.4	5	10.5
3F RF	UDCon6	Combination	Max	Diaph D1 Y	0.002932	0.00138	2.125	48	26.8	12	10.5
3F RF	UDCon6	Combination	Min	Diaph D1 X	0.004175	0.002608	1.601	44	26.8	19.6	10.5
3F RF	UDCon6	Combination	Min	Diaph D1 Y	0.001704	0.000656	2.596	45	26.8	14.8	10.5
3F RF	UDCon7	Combination	Max	Diaph D1 X	0.001233	0.000366	3.372	26	11.4	5	10.5
3F RF	UDCon7	Combination	Max	Diaph D1 Y	0.002734	0.001245	2.195	48	26.8	12	10.5
3F RF	UDCon7	Combination	Min	Diaph D1 X	0.004048	0.00257	1.575	44	26.8	19.6	10.5
3F RF	UDCon7	Combination	Min	Diaph D1 Y	0.001793	0.000754	2.378	45	26.8	14.8	10.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
3F RF	UDCon8	Combination	Max	Diaph D1 X	0.001395	0.000636	2.194	26	11.4	5	10.5
3F RF	UDCon8	Combination	Max	Diaph D1 Y	0.00271	0.00131	2.069	48	26.8	12	10.5
3F RF	UDCon8	Combination	Min	Diaph D1 X	0.003577	0.002254	1.587	44	26.8	19.6	10.5
3F RF	UDCon8	Combination	Min	Diaph D1 Y	0.001761	0.000752	2.341	45	26.8	14.8	10.5
3F RF	UDCon9	Combination	Max	Diaph D1 X	0.001337	0.000632	2.114	26	11.4	5	10.5
3F RF	UDCon9	Combination	Max	Diaph D1 Y	0.002616	0.001194	2.191	48	26.8	12	10.5
3F RF	UDCon9	Combination	Min	Diaph D1 X	0.003999	0.00255	1.568	44	26.8	19.6	10.5
3F RF	UDCon9	Combination	Min	Diaph D1 Y	0.001991	0.00095	2.096	45	26.8	14.8	10.5
3F RF	UDCon10	Combination	Max	Diaph D1 X	0.001402	0.000625	2.244	26	11.4	5	10.5
3F RF	UDCon10	Combination	Max	Diaph D1 Y	0.002915	0.001373	2.124	48	26.8	12	10.5
3F RF	UDCon10	Combination	Min	Diaph D1 X	0.004154	0.002595	1.601	44	26.8	19.6	10.5
3F RF	UDCon10	Combination	Min	Diaph D1 Y	0.001708	0.000667	2.561	45	26.8	14.8	10.5
2F RF	Dead	LinStatic		Diaph D1 X	0.001458	0.000559	2.607	6	20.5	19.6	7
2F RF	Dead	LinStatic		Diaph D1 Y	0.00159	0.00047	3.379	43	26.8	5	7
2F RF	Live	LinStatic		Diaph D1 X	0.000106	5.2E-05	2.034	6	20.5	19.6	7
2F RF	Live	LinStatic		Diaph D1 Y	9.9E-05	3.8E-05	2.574	43	26.8	5	7
2F RF	FF	LinStatic		Diaph D1 X	0.001043	0.000363	2.872	6	20.5	19.6	7
2F RF	FF	LinStatic		Diaph D1 Y	0.001202	0.000297	4.052	43	26.8	5	7
2F RF	PW	LinStatic		Diaph D1 X	0.000961	0.000322	2.99	6	20.5	19.6	7
2F RF	PW	LinStatic		Diaph D1 Y	0.001124	0.000259	4.336	43	26.8	5	7
2F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003801	0.00245	1.551	6	20.5	19.6	7
2F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.002595	0.002097	1.237	43	26.8	5	7
2F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.002273	0.001485	1.531	6	20.5	19.6	7
2F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001236	0.00082	1.507	43	26.8	5	7

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
2F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002665	0.001665	1.601	6	20.5	19.6	7
2F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001162	0.000806	1.441	48	26.8	12	7
2F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.002785	0.00178	1.565	6	20.5	19.6	7
2F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001118	0.000772	1.448	43	26.8	5	7
2F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.002775	0.001778	1.56	6	20.5	19.6	7
2F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.00133	0.000882	1.507	48	26.8	12	7
2F RF	UDCon1	Combination		Diaph D1 X	0.004674	0.001679	2.784	6	20.5	19.6	7
2F RF	UDCon1	Combination		Diaph D1 Y	0.005286	0.001385	3.815	43	26.8	5	7
2F RF	UDCon2	Combination		Diaph D1 X	0.004834	0.001758	2.75	6	20.5	19.6	7
2F RF	UDCon2	Combination		Diaph D1 Y	0.005434	0.001447	3.754	43	26.8	5	7
2F RF	UDCon3	Combination	Max	Diaph D1 Y	0.005181	0.002193	2.363	43	26.8	5	7
2F RF	UDCon3	Combination	Min	Diaph D1 X	0.006159	0.003128	1.969	6	20.5	19.6	7
2F RF	UDCon4	Combination	Max	Diaph D1 Y	0.005058	0.002143	2.36	43	26.8	5	7
2F RF	UDCon4	Combination	Min	Diaph D1 X	0.005767	0.002866	2.012	6	20.5	19.6	7
2F RF	UDCon5	Combination	Max	Diaph D1 Y	0.005063	0.002117	2.392	43	26.8	5	7
2F RF	UDCon5	Combination	Min	Diaph D1 X	0.006269	0.003176	1.974	6	20.5	19.6	7
2F RF	UDCon6	Combination	Max	Diaph D1 Y	0.005152	0.002218	2.322	43	26.8	5	7
2F RF	UDCon6	Combination	Min	Diaph D1 X	0.006279	0.00317	1.981	6	20.5	19.6	7
2F RF	UDCon7	Combination	Max	Diaph D1 Y	0.005151	0.002181	2.362	43	26.8	5	7
2F RF	UDCon7	Combination	Min	Diaph D1 X	0.006128	0.003112	1.969	6	20.5	19.6	7
2F RF	UDCon8	Combination	Max	Diaph D1 Y	0.005028	0.002131	2.36	43	26.8	5	7
2F RF	UDCon8	Combination	Min	Diaph D1 X	0.005735	0.002851	2.012	6	20.5	19.6	7

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
2F RF	UDCon9	Combination	Max	Diaph D1 Y	0.005034	0.002104	2.392	43	26.8	5	7
2F RF	UDCon9	Combination	Min	Diaph D1 X	0.006237	0.00316	1.974	6	20.5	19.6	7
2F RF	UDCon10	Combination	Max	Diaph D1 Y	0.005122	0.002207	2.321	43	26.8	5	7
2F RF	UDCon10	Combination	Min	Diaph D1 X	0.006247	0.003154	1.98	6	20.5	19.6	7
1F RF	Dead	LinStatic		Diaph D1 X	0.005447	0.001871	2.912	40	3.75	5	3.5
1F RF	Dead	LinStatic		Diaph D1 Y	0.009965	0.001035	9.626	32	11.4	19.6	3.5
1F RF	Live	LinStatic		Diaph D1 X	0.000344	0.000112	3.074	40	3.75	5	3.5
1F RF	Live	LinStatic		Diaph D1 Y	0.001337	5.4E-05	24.788	32	11.4	19.6	3.5
1F RF	FF	LinStatic		Diaph D1 X	0.004182	0.001585	2.638	40	3.75	5	3.5
1F RF	FF	LinStatic		Diaph D1 Y	0.006129	0.000678	9.038	32	11.4	19.6	3.5
1F RF	PW	LinStatic		Diaph D1 X	0.003926	0.001501	2.615	40	3.75	5	3.5
1F RF	PW	LinStatic		Diaph D1 Y	0.005133	0.000641	8.012	32	11.4	19.6	3.5
1F RF	Earthquake+x	LinStatic		Diaph D1 X	0.006383	0.003193	1.999	43	26.8	5	3.5
1F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.004413	0.000401	10.992	31	15.8	19.6	3.5
1F RF	Earthquake+y	LinStatic		Diaph D1 X	0.003423	0.001238	2.766	33	3.75	19.6	3.5
1F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.002348	0.001571	1.494	57	22.6	5.35	3.5
1F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.004341	0.002253	1.927	43	26.8	5	3.5
1F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.003264	0.001838	1.776	31	15.8	19.6	3.5
1F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.004679	0.002408	1.943	43	26.8	5	3.5
1F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.002908	0.00165	1.762	31	15.8	19.6	3.5
1F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.005349	0.00275	1.945	43	26.8	5	3.5
1F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.003566	0.002022	1.764	31	15.8	19.6	3.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
1F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.005066	0.002622	1.932	43	26.8	5	3.5
1F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.00373	0.002105	1.772	31	15.8	19.6	3.5
1F RF	UDCon1	Combination		Diaph D1 X	0.018298	0.006692	2.735	40	3.75	5	3.5
1F RF	UDCon1	Combination		Diaph D1 Y	0.028657	0.003178	9.018	32	11.4	19.6	3.5
1F RF	UDCon2	Combination		Diaph D1 X	0.018813	0.006859	2.743	40	3.75	5	3.5
1F RF	UDCon2	Combination		Diaph D1 Y	0.030663	0.003259	9.409	32	11.4	19.6	3.5
1F RF	UDCon3	Combination	Max	Diaph D1 X	0.009497	0.002828	3.359	40	3.75	5	3.5
1F RF	UDCon3	Combination	Max	Diaph D1 Y	0.019501	0.000848	23.01	32	11.4	19.6	3.5
1F RF	UDCon3	Combination	Min	Diaph D1 X	0.01802	0.00724	2.489	40	3.75	5	3.5
1F RF	UDCon3	Combination	Min	Diaph D1 Y	0.024287	0.004084	5.946	32	11.4	19.6	3.5
1F RF	UDCon4	Combination	Max	Diaph D1 X	0.009294	0.002741	3.391	40	3.75	5	3.5
1F RF	UDCon4	Combination	Max	Diaph D1 Y	0.01897	0.000656	28.921	32	11.4	19.6	3.5
1F RF	UDCon4	Combination	Min	Diaph D1 X	0.017818	0.007153	2.491	40	3.75	5	3.5
1F RF	UDCon4	Combination	Min	Diaph D1 Y	0.023755	0.003893	6.102	32	11.4	19.6	3.5
1F RF	UDCon5	Combination	Max	Diaph D1 X	0.008726	0.002449	3.563	40	3.75	5	3.5
1F RF	UDCon5	Combination	Max	Diaph D1 Y	0.019063	0.000532	35.838	32	11.4	19.6	3.5
1F RF	UDCon5	Combination	Min	Diaph D1 X	0.018396	0.007448	2.47	40	3.75	5	3.5
1F RF	UDCon5	Combination	Min	Diaph D1 Y	0.024112	0.004112	5.864	32	11.4	19.6	3.5
1F RF	UDCon6	Combination	Max	Diaph D1 X	0.008919	0.002532	3.522	40	3.75	5	3.5
1F RF	UDCon6	Combination	Max	Diaph D1 Y	0.019145	0.000628	30.477	32	11.4	19.6	3.5
1F RF	UDCon6	Combination	Min	Diaph D1 X	0.018588	0.007531	2.468	40	3.75	5	3.5
1F RF	UDCon6	Combination	Min	Diaph D1 Y	0.024193	0.004208	5.749	32	11.4	19.6	3.5
1F RF	UDCon7	Combination	Max	Diaph D1 X	0.009394	0.002794	3.362	40	3.75	5	3.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
1F RF	UDCon7	Combination	Max	Diaph D1 Y	0.0191	0.000831	22.975	32	11.4	19.6	3.5
1F RF	UDCon7	Combination	Min	Diaph D1 X	0.017917	0.007206	2.486	40	3.75	5	3.5
1F RF	UDCon7	Combination	Min	Diaph D1 Y	0.023886	0.004068	5.871	32	11.4	19.6	3.5
1F RF	UDCon8	Combination	Max	Diaph D1 X	0.009191	0.002707	3.395	40	3.75	5	3.5
1F RF	UDCon8	Combination	Max	Diaph D1 Y	0.018568	0.00064	29.026	32	11.4	19.6	3.5
1F RF	UDCon8	Combination	Min	Diaph D1 X	0.017715	0.007119	2.488	40	3.75	5	3.5
1F RF	UDCon8	Combination	Min	Diaph D1 Y	0.023354	0.003877	6.024	32	11.4	19.6	3.5
1F RF	UDCon9	Combination	Max	Diaph D1 X	0.008623	0.002416	3.57	40	3.75	5	3.5
1F RF	UDCon9	Combination	Max	Diaph D1 Y	0.018662	0.000516	36.184	32	11.4	19.6	3.5
1F RF	UDCon9	Combination	Min	Diaph D1 X	0.018293	0.007415	2.467	40	3.75	5	3.5
1F RF	UDCon9	Combination	Min	Diaph D1 Y	0.023711	0.004096	5.789	32	11.4	19.6	3.5
1F RF	UDCon10	Combination	Max	Diaph D1 X	0.008815	0.002499	3.528	40	3.75	5	3.5
1F RF	UDCon10	Combination	Max	Diaph D1 Y	0.018744	0.000612	30.628	32	11.4	19.6	3.5
1F RF	UDCon10	Combination	Min	Diaph D1 X	0.018485	0.007498	2.465	40	3.75	5	3.5
1F RF	UDCon10	Combination	Min	Diaph D1 Y	0.023792	0.004192	5.675	32	11.4	19.6	3.5

Table 3.5 - Diaphragm Accelerations

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm/sec2	UY mm/sec2	UZ mm/sec2	RX rad/sec2	RY rad/sec2	RZ rad/sec2
14	D1	TH-X Load Case	LinModHist	Max	4314.64	3812.44	1677.34	0.418	0.293	0.26
14	D1	TH-X Load Case	LinModHist	Min	-4511.8	-3882.99	-1510.51	-0.355	-0.203	-0.25
14	D1	TH-Y Load Case	LinModHist	Max	3828.49	3973.98	1643.47	0.368	0.247	0.268
14	D1	TH-Y Load Case	LinModHist	Min	-5233.12	-3296.74	-1879.79	-0.376	-0.262	-0.253
13	D1	TH-X Load Case	LinModHist	Max	3717.83	3528.62	1668.33	0.418	0.293	0.249
13	D1	TH-X Load Case	LinModHist	Min	-3930.65	-3644.1	-1522.36	-0.357	-0.203	-0.238
13	D1	TH-Y Load Case	LinModHist	Max	3216.11	3719.65	1660.08	0.37	0.246	0.252
13	D1	TH-Y Load Case	LinModHist	Min	-4398.34	-3080.06	-1880.76	-0.379	-0.264	-0.238
12F RF	D1	TH-X Load Case	LinModHist	Max	3375.63	3241.28	1661.18	0.406	0.289	0.236
12F RF	D1	TH-X Load Case	LinModHist	Min	-3504.27	-3396.12	-1527.86	-0.35	-0.199	-0.225
12F RF	D1	TH-Y Load Case	LinModHist	Max	2826.45	3456.75	1660.66	0.362	0.241	0.237

Table 3.5 - Diaphragm Accelerations (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm/sec2	UY mm/sec2	UZ mm/sec2	RX rad/sec2	RY rad/sec2	RZ rad/sec2
12F RF	D1	TH-Y Load Case	LinModHist	Min	-3561.48	-2856.25	-1860.18	-0.375	-0.262	-0.223
11F RF	D1	TH-X Load Case	LinModHist	Max	3087.31	2951.42	1638.34	0.382	0.277	0.224
11F RF	D1	TH-X Load Case	LinModHist	Min	-3202.4	-3138.45	-1524.17	-0.333	-0.19	-0.213
11F RF	D1	TH-Y Load Case	LinModHist	Max	2701.6	3185.24	1635.81	0.345	0.23	0.222
11F RF	D1	TH-Y Load Case	LinModHist	Min	-2846.65	-2625.52	-1812.57	-0.362	-0.257	-0.207
10F RF	D1	TH-X Load Case	LinModHist	Max	2793.34	2660.34	1597.96	0.343	0.258	0.211
10F RF	D1	TH-X Load Case	LinModHist	Min	-2888.31	-2871.21	-1509.55	-0.305	-0.184	-0.2
10F RF	D1	TH-Y Load Case	LinModHist	Max	2883.21	2905.71	1581.45	0.316	0.212	0.205
10F RF	D1	TH-Y Load Case	LinModHist	Min	-2872.52	-2388.69	-1735.12	-0.338	-0.248	-0.19
9F RF	D1	TH-X Load Case	LinModHist	Max	2592.39	2369.59	1539.45	0.323	0.24	0.196
9F RF	D1	TH-X Load Case	LinModHist	Min	-2878.1	-2594.83	-1483.29	-0.267	-0.18	-0.184
9F RF	D1	TH-Y Load Case	LinModHist	Max	3018.02	2618.96	1496.5	0.276	0.196	0.188
9F RF	D1	TH-Y Load Case	LinModHist	Min	-2920.76	-2146.71	-1627.37	-0.305	-0.233	-0.174
8F RF	D1	TH-X Load Case	LinModHist	Max	2756.45	2081.87	1463.41	0.297	0.217	0.178
8F RF	D1	TH-X Load Case	LinModHist	Min	-2882.65	-2310.29	-1445.63	-0.262	-0.174	-0.167
8F RF	D1	TH-Y Load Case	LinModHist	Max	3193.33	2326.29	1382.79	0.243	0.175	0.17
8F RF	D1	TH-Y Load Case	LinModHist	Min	-2977.24	-1900.96	-1491.05	-0.263	-0.214	-0.159
7F RF	D1	TH-X Load Case	LinModHist	Max	2870.44	1820.81	1371.44	0.266	0.188	0.159
7F RF	D1	TH-X Load Case	LinModHist	Min	-2849.25	-2018.98	-1397.71	-0.263	-0.166	-0.149
7F RF	D1	TH-Y Load Case	LinModHist	Max	3327.45	2029.29	1244.61	0.207	0.149	0.152
7F RF	D1	TH-Y Load Case	LinModHist	Min	-2978.53	-1653.06	-1329.76	-0.214	-0.195	-0.14
6F RF	D1	TH-X Load Case	LinModHist	Max	2944.65	1552.35	1265.95	0.23	0.152	0.139
6F RF	D1	TH-X Load Case	LinModHist	Min	-2927.74	-1722.58	-1341.52	-0.262	-0.156	-0.129
6F RF	D1	TH-Y Load Case	LinModHist	Max	3360.22	1729.77	1144.11	0.225	0.126	0.135
6F RF	D1	TH-Y Load Case	LinModHist	Min	-2945.22	-1404.82	-1174.76	-0.184	-0.176	-0.122
5F RF	D1	TH-X Load Case	LinModHist	Max	2963.16	1278.38	1389.28	0.215	0.146	0.117
5F RF	D1	TH-X Load Case	LinModHist	Min	-2920.18	-1423.05	-1279.78	-0.257	-0.146	-0.114
5F RF	D1	TH-Y Load Case	LinModHist	Max	3287.6	1429.68	1135.53	0.241	0.133	0.118
5F RF	D1	TH-Y Load Case	LinModHist	Min	-2956.65	-1158.16	-1235.94	-0.206	-0.153	-0.105
4F RF	D1	TH-X Load Case	LinModHist	Max	2924.03	1001.27	1605.8	0.241	0.171	0.1
4F RF	D1	TH-X Load Case	LinModHist	Min	-2825.22	-1122.4	-1311.92	-0.251	-0.135	-0.097
4F RF	D1	TH-Y Load Case	LinModHist	Max	3108.66	1130.95	1348.3	0.251	0.157	0.101
4F RF	D1	TH-Y Load Case	LinModHist	Min	-2846.68	-914.96	-1409.18	-0.239	-0.149	-0.09
3F RF	D1	TH-X Load Case	LinModHist	Max	2832.28	776.75	1863.3	0.256	0.195	0.085
3F RF	D1	TH-X Load Case	LinModHist	Min	-2641.77	-823.52	-1368.8	-0.27	-0.147	-0.082
3F RF	D1	TH-Y Load Case	LinModHist	Max	2816.14	835.89	1581.42	0.254	0.18	0.082
3F RF	D1	TH-Y Load Case	LinModHist	Min	-2611.36	-692.13	-1586.18	-0.259	-0.174	-0.077
2F RF	D1	TH-X Load Case	LinModHist	Max	2711.69	572.85	2117.96	0.258	0.217	0.094
2F RF	D1	TH-X Load Case	LinModHist	Min	-2416.32	-567.19	-1425.52	-0.274	-0.168	-0.097
2F RF	D1	TH-Y Load Case	LinModHist	Max	2455.83	549.86	1815.05	0.248	0.201	0.092
2F RF	D1	TH-Y Load Case	LinModHist	Min	-2306.21	-467.81	-1821.02	-0.262	-0.217	-0.095
1F RF	D1	TH-X Load Case	LinModHist	Max	2564.22	421.72	2434.16	0.366	0.31	0.228
1F RF	D1	TH-X Load Case	LinModHist	Min	-2250.18	-399.72	-1906.6	-0.341	-0.28	-0.252
1F RF	D1	TH-Y Load Case	LinModHist	Max	2113.59	402.05	2165.34	0.37	0.319	0.254
1F RF	D1	TH-Y Load Case	LinModHist	Min	-2006.79	-364.02	-2214.72	-0.348	-0.334	-0.267

Table 3.5 - Diaphragm Accelerations (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm/sec ²	UY mm/sec ²	UZ mm/sec ²	RX rad/sec ²	RY rad/sec ²	RZ rad/sec ²
Base	D1	TH-X Load Case	LinModHist	Max	2258.1	41.17	785.42	0.703	0.939	0.055
Base	D1	TH-X Load Case	LinModHist	Min	-1681.13	-39.07	-859.98	-0.644	-0.922	-0.054
Base	D1	TH-Y Load Case	LinModHist	Max	1848.01	43.23	893.77	0.719	1.009	0.059
Base	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-43.14	-884.42	-0.729	-0.989	-0.059

3.2 Story Results

Table 3.6 - Story Max Over Avg Displacements

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
14	Dead	LinStatic		X	46.225	32.047	1.442
14	Dead	LinStatic		Y	32.971	10.889	3.028
13	Dead	LinStatic		X	43.71	30.913	1.414
13	Dead	LinStatic		Y	30.135	10.204	2.953
12F RF	Dead	LinStatic		X	41.208	29.769	1.384
12F RF	Dead	LinStatic		Y	27.314	9.505	2.874
11F RF	Dead	LinStatic		X	38.73	28.628	1.353
11F RF	Dead	LinStatic		Y	24.502	8.789	2.788
10F RF	Dead	LinStatic		X	36.289	27.497	1.32
10F RF	Dead	LinStatic		Y	21.723	8.075	2.69
9F RF	Dead	LinStatic		X	33.897	26.38	1.285
9F RF	Dead	LinStatic		Y	18.999	7.376	2.576
8F RF	Dead	LinStatic		X	31.568	25.279	1.249
8F RF	Dead	LinStatic		Y	16.353	6.701	2.44
7F RF	Dead	LinStatic		X	29.322	24.197	1.212
7F RF	Dead	LinStatic		Y	13.799	6.055	2.279
6F RF	Dead	LinStatic		X	27.187	23.134	1.175
6F RF	Dead	LinStatic		Y	11.344	5.436	2.087
5F RF	Dead	LinStatic		X	25.206	22.094	1.141
5F RF	Dead	LinStatic		Y	8.987	4.834	1.859
4F RF	Dead	LinStatic		X	23.421	21.077	1.111
4F RF	Dead	LinStatic		Y	6.698	4.229	1.584
3F RF	Dead	LinStatic		X	21.611	19.985	1.081
3F RF	Dead	LinStatic		Y	4.872	3.812	1.278
2F RF	Dead	LinStatic		X	19.834	18.158	1.092
2F RF	Dead	LinStatic		Y	5.482	3.338	1.642
1F RF	Dead	LinStatic		X	19.75	16.085	1.228
Base	Dead	LinStatic		X	0.296	0.148	2
Base	Dead	LinStatic		Y	0.334	0.077	4.33
14	Live	LinStatic		X	4.264	3.276	1.301
14	Live	LinStatic		Y	3.036	1.492	2.035
13	Live	LinStatic		X	3.976	3.087	1.288
13	Live	LinStatic		Y	2.774	1.381	2.009
12F RF	Live	LinStatic		X	3.691	2.896	1.274
12F RF	Live	LinStatic		Y	2.513	1.268	1.981
11F RF	Live	LinStatic		X	3.41	2.709	1.259

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
11F RF	Live	LinStatic		Y	2.254	1.156	1.949
10F RF	Live	LinStatic		X	3.134	2.525	1.241
10F RF	Live	LinStatic		Y	1.999	1.045	1.912
9F RF	Live	LinStatic		X	2.864	2.344	1.222
9F RF	Live	LinStatic		Y	1.749	0.937	1.867
8F RF	Live	LinStatic		X	2.603	2.168	1.201
8F RF	Live	LinStatic		Y	1.507	0.831	1.813
7F RF	Live	LinStatic		X	2.352	1.998	1.177
7F RF	Live	LinStatic		Y	1.272	0.729	1.745
6F RF	Live	LinStatic		X	2.113	1.835	1.152
6F RF	Live	LinStatic		Y	1.047	0.63	1.66
5F RF	Live	LinStatic		X	1.89	1.679	1.126
5F RF	Live	LinStatic		Y	0.83	0.535	1.551
4F RF	Live	LinStatic		X	1.686	1.531	1.101
4F RF	Live	LinStatic		Y	0.623	0.443	1.406
3F RF	Live	LinStatic		X	1.489	1.386	1.074
3F RF	Live	LinStatic		Y	0.43	0.357	1.207
2F RF	Live	LinStatic		X	1.297	1.2	1.08
2F RF	Live	LinStatic		Y	0.418	0.291	1.436
1F RF	Live	LinStatic		X	1.226	1.007	1.217
Base	Live	LinStatic		X	0.02	0.01	2
Base	Live	LinStatic		Y	0.02	0.003	6.574
14	FF	LinStatic		X	30.538	20.875	1.463
14	FF	LinStatic		Y	20.785	5.729	3.628
13	FF	LinStatic		X	29.015	20.315	1.428
13	FF	LinStatic		Y	18.947	5.415	3.499
12F RF	FF	LinStatic		X	27.499	19.748	1.392
12F RF	FF	LinStatic		Y	17.136	5.098	3.361
11F RF	FF	LinStatic		X	25.998	19.182	1.355
11F RF	FF	LinStatic		Y	15.348	4.776	3.213
10F RF	FF	LinStatic		X	24.522	18.619	1.317
10F RF	FF	LinStatic		Y	13.581	4.452	3.05
9F RF	FF	LinStatic		X	23.077	18.063	1.278
9F RF	FF	LinStatic		Y	11.852	4.136	2.866
8F RF	FF	LinStatic		X	21.673	17.513	1.238
8F RF	FF	LinStatic		Y	10.176	3.833	2.655
7F RF	FF	LinStatic		X	20.326	16.97	1.198
7F RF	FF	LinStatic		Y	8.563	3.547	2.414
6F RF	FF	LinStatic		X	19.055	16.433	1.16
6F RF	FF	LinStatic		Y	7.019	3.275	2.143
5F RF	FF	LinStatic		X	17.892	15.904	1.125
5F RF	FF	LinStatic		Y	5.537	3.008	1.841
4F RF	FF	LinStatic		X	16.873	15.382	1.097
4F RF	FF	LinStatic		Y	4.093	2.729	1.5
3F RF	FF	LinStatic		X	15.821	14.792	1.07

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
3F RF	FF	LinStatic		Y	3.763	2.544	1.479
2F RF	FF	LinStatic		X	15.131	13.676	1.106
2F RF	FF	LinStatic		Y	4.344	2.393	1.815
1F RF	FF	LinStatic		X	15.201	12.294	1.236
Base	FF	LinStatic		X	0.226	0.113	2
Base	FF	LinStatic		Y	0.261	0.064	4.075
14	PW	LinStatic		X	27.206	18.324	1.485
14	PW	LinStatic		Y	18.075	4.235	4.268
13	PW	LinStatic		X	25.909	17.914	1.446
13	PW	LinStatic		Y	16.477	4.04	4.078
12F RF	PW	LinStatic		X	24.617	17.496	1.407
12F RF	PW	LinStatic		Y	14.89	3.837	3.88
11F RF	PW	LinStatic		X	23.337	17.078	1.366
11F RF	PW	LinStatic		Y	13.329	3.631	3.671
10F RF	PW	LinStatic		X	22.077	16.661	1.325
10F RF	PW	LinStatic		Y	11.79	3.422	3.445
9F RF	PW	LinStatic		X	20.844	16.248	1.283
9F RF	PW	LinStatic		Y	10.284	3.218	3.195
8F RF	PW	LinStatic		X	19.647	15.837	1.241
8F RF	PW	LinStatic		Y	8.825	3.026	2.917
7F RF	PW	LinStatic		X	18.497	15.429	1.199
7F RF	PW	LinStatic		Y	7.422	2.846	2.608
6F RF	PW	LinStatic		X	17.415	15.021	1.159
6F RF	PW	LinStatic		Y	6.079	2.677	2.271
5F RF	PW	LinStatic		X	16.429	14.615	1.124
5F RF	PW	LinStatic		Y	4.791	2.509	1.91
4F RF	PW	LinStatic		X	15.572	14.21	1.096
4F RF	PW	LinStatic		Y	3.532	2.324	1.52
3F RF	PW	LinStatic		X	14.677	13.723	1.07
3F RF	PW	LinStatic		Y	3.426	2.216	1.546
2F RF	PW	LinStatic		X	14.173	12.774	1.109
2F RF	PW	LinStatic		Y	4.018	2.145	1.873
1F RF	PW	LinStatic		X	14.29	11.539	1.238
Base	PW	LinStatic		X	0.212	0.106	2
Base	PW	LinStatic		Y	0.247	0.062	3.998
14	Earthquake+x	LinStatic		X	156.08	128.056	1.219
14	Earthquake+x	LinStatic		Y	57.725	13.702	4.213
13	Earthquake+x	LinStatic		X	146.436	120.542	1.215
13	Earthquake+x	LinStatic		Y	53.455	12.847	4.161
12F RF	Earthquake+x	LinStatic		X	136.579	112.816	1.211
12F RF	Earthquake+x	LinStatic		Y	49.169	11.994	4.1
11F RF	Earthquake+x	LinStatic		X	126.498	104.873	1.206
11F RF	Earthquake+x	LinStatic		Y	44.863	11.137	4.028
10F RF	Earthquake+x	LinStatic		X	116.189	96.713	1.201
10F RF	Earthquake+x	LinStatic		Y	40.541	10.274	3.946

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
9F RF	Earthquake+x	LinStatic		X	105.677	88.359	1.196
9F RF	Earthquake+x	LinStatic		Y	36.205	9.403	3.85
8F RF	Earthquake+x	LinStatic		X	94.995	79.84	1.19
8F RF	Earthquake+x	LinStatic		Y	31.863	8.52	3.74
7F RF	Earthquake+x	LinStatic		X	84.188	71.194	1.183
7F RF	Earthquake+x	LinStatic		Y	27.524	7.624	3.61
6F RF	Earthquake+x	LinStatic		X	73.3	62.44	1.174
6F RF	Earthquake+x	LinStatic		Y	23.195	6.71	3.457
5F RF	Earthquake+x	LinStatic		X	62.372	53.629	1.163
5F RF	Earthquake+x	LinStatic		Y	18.883	5.776	3.269
4F RF	Earthquake+x	LinStatic		X	51.577	44.91	1.148
4F RF	Earthquake+x	LinStatic		Y	14.618	4.832	3.025
3F RF	Earthquake+x	LinStatic		X	40.888	36.357	1.125
3F RF	Earthquake+x	LinStatic		Y	10.429	3.888	2.683
2F RF	Earthquake+x	LinStatic		X	30.449	28.22	1.079
2F RF	Earthquake+x	LinStatic		Y	6.417	2.967	2.163
1F RF	Earthquake+x	LinStatic		X	22.342	19.392	1.152
1F RF	Earthquake+x	LinStatic		Y	3.452	2.308	1.496
Base	Earthquake+x	LinStatic		X	0.586	0.293	2
14	Earthquake+y	LinStatic		X	28.614	19.243	1.487
14	Earthquake+y	LinStatic		Y	143.939	129.138	1.115
13	Earthquake+y	LinStatic		X	27.603	18.75	1.472
13	Earthquake+y	LinStatic		Y	133.02	118.921	1.119
12F RF	Earthquake+y	LinStatic		X	26.549	18.238	1.456
12F RF	Earthquake+y	LinStatic		Y	121.978	108.628	1.123
11F RF	Earthquake+y	LinStatic		X	25.442	17.704	1.437
11F RF	Earthquake+y	LinStatic		Y	110.835	98.289	1.128
10F RF	Earthquake+y	LinStatic		X	24.273	17.143	1.416
10F RF	Earthquake+y	LinStatic		Y	99.631	87.944	1.133
9F RF	Earthquake+y	LinStatic		X	23.032	16.528	1.394
9F RF	Earthquake+y	LinStatic		Y	88.411	77.638	1.139
8F RF	Earthquake+y	LinStatic		X	21.705	15.842	1.37
8F RF	Earthquake+y	LinStatic		Y	77.231	67.427	1.145
7F RF	Earthquake+y	LinStatic		X	20.279	15.084	1.344
7F RF	Earthquake+y	LinStatic		Y	66.156	57.373	1.153
6F RF	Earthquake+y	LinStatic		X	18.739	14.212	1.319
6F RF	Earthquake+y	LinStatic		Y	55.262	47.547	1.162
5F RF	Earthquake+y	LinStatic		X	17.074	13.221	1.291
5F RF	Earthquake+y	LinStatic		Y	44.634	38.029	1.174
4F RF	Earthquake+y	LinStatic		X	15.379	12.179	1.263
4F RF	Earthquake+y	LinStatic		Y	34.366	28.907	1.189
3F RF	Earthquake+y	LinStatic		X	13.952	11.288	1.236
3F RF	Earthquake+y	LinStatic		Y	24.562	20.267	1.212
2F RF	Earthquake+y	LinStatic		X	12.521	10.621	1.179
2F RF	Earthquake+y	LinStatic		Y	15.349	12.293	1.249

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
1F RF	Earthquake+y	LinStatic		X	11.981	10.181	1.177
1F RF	Earthquake+y	LinStatic		Y	6.782	4.783	1.418
Base	Earthquake+y	LinStatic		X	0.254	0.127	2
Base	Earthquake+y	LinStatic		Y	0.22	0.042	5.191
14	TH-X Load Case	LinModHist	Max	X	93.086	75.315	1.236
14	TH-X Load Case	LinModHist	Max	Y	64.238	47.708	1.346
13	TH-X Load Case	LinModHist	Max	X	86.554	70.777	1.223
13	TH-X Load Case	LinModHist	Max	Y	59.606	44.133	1.351
12F RF	TH-X Load Case	LinModHist	Max	X	79.908	66.114	1.209
12F RF	TH-X Load Case	LinModHist	Max	Y	54.9	40.514	1.355
11F RF	TH-X Load Case	LinModHist	Max	X	73.159	61.322	1.193
11F RF	TH-X Load Case	LinModHist	Max	Y	50.124	36.856	1.36
10F RF	TH-X Load Case	LinModHist	Max	X	66.658	56.57	1.178
10F RF	TH-X Load Case	LinModHist	Max	Y	45.291	33.172	1.365
9F RF	TH-X Load Case	LinModHist	Max	X	60.68	51.991	1.167
9F RF	TH-X Load Case	LinModHist	Max	Y	40.419	29.475	1.371
8F RF	TH-X Load Case	LinModHist	Max	X	54.614	47.279	1.155
8F RF	TH-X Load Case	LinModHist	Max	Y	35.527	25.783	1.378
7F RF	TH-X Load Case	LinModHist	Max	X	48.479	42.447	1.142
7F RF	TH-X Load Case	LinModHist	Max	Y	30.641	22.115	1.386
6F RF	TH-X Load Case	LinModHist	Max	X	42.306	37.506	1.128
6F RF	TH-X Load Case	LinModHist	Max	Y	25.791	18.494	1.395
5F RF	TH-X Load Case	LinModHist	Max	X	36.138	32.491	1.112
5F RF	TH-X Load Case	LinModHist	Max	Y	21.008	14.945	1.406
4F RF	TH-X Load Case	LinModHist	Max	X	29.994	27.457	1.092
4F RF	TH-X Load Case	LinModHist	Max	Y	16.328	11.498	1.42
3F RF	TH-X Load Case	LinModHist	Max	X	24.105	22.581	1.067
3F RF	TH-X Load Case	LinModHist	Max	Y	11.792	8.19	1.44
2F RF	TH-X Load Case	LinModHist	Max	X	18.548	17.977	1.032
2F RF	TH-X Load Case	LinModHist	Max	Y	7.457	5.227	1.427
1F RF	TH-X Load Case	LinModHist	Max	X	15.194	12.768	1.19
1F RF	TH-X Load Case	LinModHist	Max	Y	3.346	2.393	1.398
Base	TH-X Load Case	LinModHist	Max	X	0.416	0.208	2
Base	TH-X Load Case	LinModHist	Max	Y	0.31	0.155	2
14	TH-X Load Case	LinModHist	Min	X	114.625	93.713	1.223
14	TH-X Load Case	LinModHist	Min	Y	61.794	49.684	1.244
13	TH-X Load Case	LinModHist	Min	X	107.326	88.017	1.219
13	TH-X Load Case	LinModHist	Min	Y	57.366	46	1.247
12F RF	TH-X Load Case	LinModHist	Min	X	99.857	82.162	1.215
12F RF	TH-X Load Case	LinModHist	Min	Y	52.877	42.276	1.251
11F RF	TH-X Load Case	LinModHist	Min	X	92.267	76.177	1.211
11F RF	TH-X Load Case	LinModHist	Min	Y	48.328	38.516	1.255
10F RF	TH-X Load Case	LinModHist	Min	X	84.534	70.059	1.207
10F RF	TH-X Load Case	LinModHist	Min	Y	43.729	34.728	1.259
9F RF	TH-X Load Case	LinModHist	Min	X	76.689	63.832	1.201

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
9F RF	TH-X Load Case	LinModHist	Min	Y	39.091	30.924	1.264
8F RF	TH-X Load Case	LinModHist	Min	X	68.764	57.526	1.195
8F RF	TH-X Load Case	LinModHist	Min	Y	34.431	27.117	1.27
7F RF	TH-X Load Case	LinModHist	Min	X	60.798	51.175	1.188
7F RF	TH-X Load Case	LinModHist	Min	Y	29.766	23.325	1.276
6F RF	TH-X Load Case	LinModHist	Min	X	52.828	44.78	1.18
6F RF	TH-X Load Case	LinModHist	Min	Y	25.12	19.565	1.284
5F RF	TH-X Load Case	LinModHist	Min	X	44.894	38.401	1.169
5F RF	TH-X Load Case	LinModHist	Min	Y	20.517	15.863	1.293
4F RF	TH-X Load Case	LinModHist	Min	X	37.122	32.139	1.155
4F RF	TH-X Load Case	LinModHist	Min	Y	15.985	12.254	1.304
3F RF	TH-X Load Case	LinModHist	Min	X	29.485	26.047	1.132
3F RF	TH-X Load Case	LinModHist	Min	Y	11.555	8.784	1.316
2F RF	TH-X Load Case	LinModHist	Min	X	22.04	20.328	1.084
2F RF	TH-X Load Case	LinModHist	Min	Y	7.304	5.568	1.312
1F RF	TH-X Load Case	LinModHist	Min	X	16.378	14.272	1.148
1F RF	TH-X Load Case	LinModHist	Min	Y	3.295	2.387	1.38
Base	TH-X Load Case	LinModHist	Min	X	0.423	0.211	2
Base	TH-X Load Case	LinModHist	Min	Y	0.321	0.161	2
14	TH-Y Load Case	LinModHist	Max	X	120.917	95.634	1.264
14	TH-Y Load Case	LinModHist	Max	Y	59.365	46.586	1.274
13	TH-Y Load Case	LinModHist	Max	X	113.122	89.727	1.261
13	TH-Y Load Case	LinModHist	Max	Y	54.9	42.968	1.278
12F RF	TH-Y Load Case	LinModHist	Max	X	105.152	83.669	1.257
12F RF	TH-Y Load Case	LinModHist	Max	Y	50.394	39.324	1.282
11F RF	TH-Y Load Case	LinModHist	Max	X	97.06	77.489	1.253
11F RF	TH-Y Load Case	LinModHist	Max	Y	45.853	35.66	1.286
10F RF	TH-Y Load Case	LinModHist	Max	X	88.83	71.187	1.248
10F RF	TH-Y Load Case	LinModHist	Max	Y	41.294	31.99	1.291
9F RF	TH-Y Load Case	LinModHist	Max	X	80.493	64.79	1.242
9F RF	TH-Y Load Case	LinModHist	Max	Y	36.73	28.328	1.297
8F RF	TH-Y Load Case	LinModHist	Max	X	72.088	58.328	1.236
8F RF	TH-Y Load Case	LinModHist	Max	Y	32.216	24.707	1.304
7F RF	TH-Y Load Case	LinModHist	Max	X	63.654	51.83	1.228
7F RF	TH-Y Load Case	LinModHist	Max	Y	27.728	21.123	1.313
6F RF	TH-Y Load Case	LinModHist	Max	X	55.231	45.605	1.211
6F RF	TH-Y Load Case	LinModHist	Max	Y	23.286	17.635	1.32
5F RF	TH-Y Load Case	LinModHist	Max	X	46.872	39.462	1.188
5F RF	TH-Y Load Case	LinModHist	Max	Y	18.922	14.237	1.329
4F RF	TH-Y Load Case	LinModHist	Max	X	38.683	33.347	1.16
4F RF	TH-Y Load Case	LinModHist	Max	Y	14.67	11.032	1.33
3F RF	TH-Y Load Case	LinModHist	Max	X	31.406	27.707	1.133
3F RF	TH-Y Load Case	LinModHist	Max	Y	10.569	7.851	1.346
2F RF	TH-Y Load Case	LinModHist	Max	X	24.267	22.359	1.085
2F RF	TH-Y Load Case	LinModHist	Max	Y	6.67	4.919	1.356

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
1F RF	TH-Y Load Case	LinModHist	Max	X	18.722	16.31	1.148
1F RF	TH-Y Load Case	LinModHist	Max	Y	3.121	2.395	1.304
Base	TH-Y Load Case	LinModHist	Max	X	0.479	0.239	2
Base	TH-Y Load Case	LinModHist	Max	Y	0.366	0.183	2
14	TH-Y Load Case	LinModHist	Min	X	107.641	89.236	1.206
14	TH-Y Load Case	LinModHist	Min	Y	73.194	51.433	1.423
13	TH-Y Load Case	LinModHist	Min	X	101.045	84.059	1.202
13	TH-Y Load Case	LinModHist	Min	Y	67.787	47.563	1.425
12F RF	TH-Y Load Case	LinModHist	Min	X	94.287	78.725	1.198
12F RF	TH-Y Load Case	LinModHist	Min	Y	62.331	43.663	1.428
11F RF	TH-Y Load Case	LinModHist	Min	X	87.392	73.245	1.193
11F RF	TH-Y Load Case	LinModHist	Min	Y	56.828	39.739	1.43
10F RF	TH-Y Load Case	LinModHist	Min	X	80.336	67.611	1.188
10F RF	TH-Y Load Case	LinModHist	Min	Y	51.285	35.798	1.433
9F RF	TH-Y Load Case	LinModHist	Min	X	73.136	61.835	1.183
9F RF	TH-Y Load Case	LinModHist	Min	Y	45.715	31.852	1.435
8F RF	TH-Y Load Case	LinModHist	Min	X	65.815	55.938	1.177
8F RF	TH-Y Load Case	LinModHist	Min	Y	40.133	27.915	1.438
7F RF	TH-Y Load Case	LinModHist	Min	X	58.791	50.14	1.173
7F RF	TH-Y Load Case	LinModHist	Min	Y	34.561	24.005	1.44
6F RF	TH-Y Load Case	LinModHist	Min	X	51.93	44.374	1.17
6F RF	TH-Y Load Case	LinModHist	Min	Y	29.024	20.143	1.441
5F RF	TH-Y Load Case	LinModHist	Min	X	44.917	38.498	1.167
5F RF	TH-Y Load Case	LinModHist	Min	Y	23.551	16.358	1.44
4F RF	TH-Y Load Case	LinModHist	Min	X	37.785	32.734	1.154
4F RF	TH-Y Load Case	LinModHist	Min	Y	18.18	12.721	1.429
3F RF	TH-Y Load Case	LinModHist	Min	X	30.553	27.064	1.129
3F RF	TH-Y Load Case	LinModHist	Min	Y	12.955	9.216	1.406
2F RF	TH-Y Load Case	LinModHist	Min	X	23.366	21.582	1.083
2F RF	TH-Y Load Case	LinModHist	Min	Y	7.985	5.898	1.354
1F RF	TH-Y Load Case	LinModHist	Min	X	17.73	15.403	1.151
1F RF	TH-Y Load Case	LinModHist	Min	Y	3.742	2.711	1.38
Base	TH-Y Load Case	LinModHist	Min	X	0.458	0.229	2
Base	TH-Y Load Case	LinModHist	Min	Y	0.347	0.173	2
14	UDCon1	Combination		X	140.358	96.182	1.459
14	UDCon1	Combination		Y	96.972	28.153	3.444
13	UDCon1	Combination		X	133.156	93.341	1.427
13	UDCon1	Combination		Y	88.44	26.508	3.336
12F RF	UDCon1	Combination		X	125.987	90.468	1.393
12F RF	UDCon1	Combination		Y	80.105	24.892	3.218
11F RF	UDCon1	Combination		X	118.889	87.598	1.357
11F RF	UDCon1	Combination		Y	71.792	23.215	3.093
10F RF	UDCon1	Combination		X	111.899	84.75	1.32
10F RF	UDCon1	Combination		Y	63.575	21.531	2.953
9F RF	UDCon1	Combination		X	105.055	81.933	1.282

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
9F RF	UDCon1	Combination		Y	55.532	19.885	2.793
8F RF	UDCon1	Combination		X	98.399	79.15	1.243
8F RF	UDCon1	Combination		Y	47.727	18.306	2.607
7F RF	UDCon1	Combination		X	91.995	76.404	1.204
7F RF	UDCon1	Combination		Y	40.208	16.804	2.393
6F RF	UDCon1	Combination		X	85.938	73.695	1.166
6F RF	UDCon1	Combination		Y	32.997	15.373	2.146
5F RF	UDCon1	Combination		X	80.362	71.028	1.131
5F RF	UDCon1	Combination		Y	26.075	13.974	1.866
4F RF	UDCon1	Combination		X	75.419	68.403	1.103
4F RF	UDCon1	Combination		Y	19.337	12.531	1.543
3F RF	UDCon1	Combination		X	70.348	65.491	1.074
3F RF	UDCon1	Combination		Y	16.14	11.502	1.403
2F RF	UDCon1	Combination		X	66.229	60.167	1.101
2F RF	UDCon1	Combination		Y	18.69	10.634	1.758
1F RF	UDCon1	Combination		X	66.476	53.889	1.234
Base	UDCon1	Combination		X	0.991	0.495	2
Base	UDCon1	Combination		Y	1.136	0.274	4.149
14	UDCon2	Combination		X	146.754	101.096	1.452
14	UDCon2	Combination		Y	101.508	30.382	3.341
13	UDCon2	Combination		X	139.12	97.971	1.42
13	UDCon2	Combination		Y	92.601	28.579	3.24
12F RF	UDCon2	Combination		X	131.524	94.814	1.387
12F RF	UDCon2	Combination		Y	83.874	26.795	3.13
11F RF	UDCon2	Combination		X	124.003	91.662	1.353
11F RF	UDCon2	Combination		Y	75.173	24.949	3.013
10F RF	UDCon2	Combination		X	116.599	88.537	1.317
10F RF	UDCon2	Combination		Y	66.574	23.099	2.882
9F RF	UDCon2	Combination		X	109.351	85.449	1.28
9F RF	UDCon2	Combination		Y	58.157	21.291	2.732
8F RF	UDCon2	Combination		X	102.304	82.403	1.242
8F RF	UDCon2	Combination		Y	49.988	19.552	2.557
7F RF	UDCon2	Combination		X	95.523	79.402	1.203
7F RF	UDCon2	Combination		Y	42.116	17.898	2.353
6F RF	UDCon2	Combination		X	89.108	76.448	1.166
6F RF	UDCon2	Combination		Y	34.566	16.319	2.118
5F RF	UDCon2	Combination		X	83.197	73.547	1.131
5F RF	UDCon2	Combination		Y	27.321	14.777	1.849
4F RF	UDCon2	Combination		X	77.948	70.7	1.103
4F RF	UDCon2	Combination		Y	20.27	13.195	1.536
3F RF	UDCon2	Combination		X	72.581	67.57	1.074
3F RF	UDCon2	Combination		Y	16.756	12.054	1.39
2F RF	UDCon2	Combination		X	68.174	61.967	1.1
2F RF	UDCon2	Combination		Y	19.317	11.07	1.745
1F RF	UDCon2	Combination		X	68.315	55.399	1.233

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
Base	UDCon2	Combination		X	1.02	0.51	2
Base	UDCon2	Combination		Y	1.166	0.278	4.188
14	UDCon3	Combination	Max	Y	136.798	70.168	1.95
13	UDCon3	Combination	Max	Y	125.949	65.339	1.928
12F RF	UDCon3	Combination	Max	Y	114.99	60.395	1.904
11F RF	UDCon3	Combination	Max	Y	103.979	55.367	1.878
10F RF	UDCon3	Combination	Max	X	17.493	6.987	2.504
10F RF	UDCon3	Combination	Max	Y	92.984	50.31	1.848
9F RF	UDCon3	Combination	Max	X	18.344	9.409	1.95
9F RF	UDCon3	Combination	Max	Y	82.078	45.27	1.813
8F RF	UDCon3	Combination	Max	X	19.412	11.982	1.62
8F RF	UDCon3	Combination	Max	Y	71.332	40.288	1.771
7F RF	UDCon3	Combination	Max	X	20.714	14.691	1.41
7F RF	UDCon3	Combination	Max	Y	60.806	35.394	1.718
6F RF	UDCon3	Combination	Max	X	22.289	17.513	1.273
6F RF	UDCon3	Combination	Max	Y	50.547	30.606	1.651
5F RF	UDCon3	Combination	Max	X	24.198	20.426	1.185
5F RF	UDCon3	Combination	Max	Y	40.572	25.923	1.565
4F RF	UDCon3	Combination	Max	X	26.53	23.406	1.133
4F RF	UDCon3	Combination	Max	Y	30.839	21.316	1.447
3F RF	UDCon3	Combination	Max	X	29.754	25.906	1.149
3F RF	UDCon3	Combination	Max	Y	21.401	16.813	1.273
2F RF	UDCon3	Combination	Max	X	31.859	27.108	1.175
2F RF	UDCon3	Combination	Max	Y	17.025	12.814	1.329
1F RF	UDCon3	Combination	Max	X	34.752	27.62	1.258
1F RF	UDCon3	Combination	Max	Y	17.255	4.233	4.077
Base	UDCon3	Combination	Max	X	0.345	0.173	2
Base	UDCon3	Combination	Max	Y	1.118	0.494	2.264
14	UDCon3	Combination	Min	X	219.679	165.924	1.324
14	UDCon3	Combination	Min	Y	73.315	31.032	2.363
13	UDCon3	Combination	Min	X	207.032	158.133	1.309
13	UDCon3	Combination	Min	Y	66.045	28.357	2.329
12F RF	UDCon3	Combination	Min	X	194.13	150.103	1.293
12F RF	UDCon3	Combination	Min	Y	58.852	25.673	2.292
11F RF	UDCon3	Combination	Min	X	181.103	141.915	1.276
11F RF	UDCon3	Combination	Min	Y	51.754	22.973	2.253
10F RF	UDCon3	Combination	Min	X	168.012	133.607	1.258
10F RF	UDCon3	Combination	Min	Y	44.74	20.238	2.211
9F RF	UDCon3	Combination	Min	X	154.958	125.234	1.237
9F RF	UDCon3	Combination	Min	Y	37.821	17.463	2.166
8F RF	UDCon3	Combination	Min	X	142.027	116.84	1.216
8F RF	UDCon3	Combination	Min	Y	31.023	14.656	2.117
7F RF	UDCon3	Combination	Min	X	129.278	108.446	1.192
7F RF	UDCon3	Combination	Min	Y	24.383	11.676	2.088
6F RF	UDCon3	Combination	Min	X	116.836	100.095	1.167

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
5F RF	UDCon3	Combination	Min	X	104.853	91.83	1.142
4F RF	UDCon3	Combination	Min	X	93.463	83.67	1.117
3F RF	UDCon3	Combination	Min	X	82.041	75.364	1.089
2F RF	UDCon3	Combination	Min	X	70.02	65.678	1.066
1F RF	UDCon3	Combination	Min	X	65.101	54.049	1.204
Base	UDCon3	Combination	Min	X	1.143	0.572	2
Base	UDCon3	Combination	Min	Y	0.761	0.092	8.238
14	UDCon4	Combination	Max	X	33.751	21.448	1.574
14	UDCon4	Combination	Max	Y	134.354	73.696	1.823
13	UDCon4	Combination	Max	X	28.618	17.927	1.596
13	UDCon4	Combination	Max	Y	123.71	68.633	1.802
12F RF	UDCon4	Combination	Max	X	23.408	14.272	1.64
12F RF	UDCon4	Combination	Max	Y	112.968	63.457	1.78
11F RF	UDCon4	Combination	Max	X	18.103	10.468	1.729
11F RF	UDCon4	Combination	Max	Y	102.184	58.199	1.756
10F RF	UDCon4	Combination	Max	X	12.718	6.519	1.951
10F RF	UDCon4	Combination	Max	Y	91.422	52.913	1.728
9F RF	UDCon4	Combination	Max	Y	80.751	47.648	1.695
8F RF	UDCon4	Combination	Max	Y	70.236	42.442	1.655
7F RF	UDCon4	Combination	Max	X	8.422	5.944	1.417
7F RF	UDCon4	Combination	Max	Y	59.932	37.324	1.606
6F RF	UDCon4	Combination	Max	X	11.748	10.184	1.154
6F RF	UDCon4	Combination	Max	Y	49.876	32.312	1.544
5F RF	UDCon4	Combination	Max	X	17.509	14.626	1.197
5F RF	UDCon4	Combination	Max	Y	40.081	27.402	1.463
4F RF	UDCon4	Combination	Max	X	23.275	18.961	1.228
4F RF	UDCon4	Combination	Max	Y	30.495	22.566	1.351
3F RF	UDCon4	Combination	Max	X	28.203	22.444	1.257
3F RF	UDCon4	Combination	Max	Y	21.165	17.83	1.187
2F RF	UDCon4	Combination	Max	X	30.81	24.813	1.242
2F RF	UDCon4	Combination	Max	Y	18.313	13.427	1.364
1F RF	UDCon4	Combination	Max	X	34.117	26.39	1.293
1F RF	UDCon4	Combination	Max	Y	16.89	3.864	4.371
Base	UDCon4	Combination	Max	X	0.339	0.17	2
Base	UDCon4	Combination	Max	Y	1.119	0.5	2.238
14	UDCon4	Combination	Min	X	198.136	147.493	1.343
14	UDCon4	Combination	Min	Y	63.815	27.501	2.32
13	UDCon4	Combination	Min	X	186.225	140.835	1.322
13	UDCon4	Combination	Min	Y	57.217	25.047	2.284
12F RF	UDCon4	Combination	Min	X	174.104	133.969	1.3
12F RF	UDCon4	Combination	Min	Y	50.705	22.582	2.245
11F RF	UDCon4	Combination	Min	X	161.922	126.973	1.275
11F RF	UDCon4	Combination	Min	Y	44.295	20.099	2.204
10F RF	UDCon4	Combination	Min	X	150.211	120.107	1.251
10F RF	UDCon4	Combination	Min	Y	37.97	17.58	2.16

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
9F RF	UDCon4	Combination	Min	X	139.011	113.379	1.226
9F RF	UDCon4	Combination	Min	Y	31.738	15.021	2.113
8F RF	UDCon4	Combination	Min	X	127.927	106.579	1.2
8F RF	UDCon4	Combination	Min	Y	25.62	12.431	2.061
7F RF	UDCon4	Combination	Min	X	116.986	99.699	1.173
6F RF	UDCon4	Combination	Min	X	106.294	92.765	1.146
5F RF	UDCon4	Combination	Min	X	95.991	85.808	1.119
4F RF	UDCon4	Combination	Min	X	86.214	78.851	1.093
3F RF	UDCon4	Combination	Min	X	76.661	71.812	1.068
2F RF	UDCon4	Combination	Min	X	67.995	62.938	1.08
1F RF	UDCon4	Combination	Min	X	64.466	52.819	1.221
Base	UDCon4	Combination	Min	X	1.136	0.568	2
Base	UDCon4	Combination	Min	Y	0.75	0.086	8.67
14	UDCon5	Combination	Max	X	31.266	23.329	1.34
14	UDCon5	Combination	Max	Y	131.925	68.256	1.933
13	UDCon5	Combination	Max	X	26.205	19.593	1.337
13	UDCon5	Combination	Max	Y	121.244	63.478	1.91
12F RF	UDCon5	Combination	Max	X	21.082	15.729	1.34
12F RF	UDCon5	Combination	Max	Y	110.485	58.601	1.885
11F RF	UDCon5	Combination	Max	X	15.882	11.725	1.355
11F RF	UDCon5	Combination	Max	Y	99.709	53.656	1.858
10F RF	UDCon5	Combination	Max	X	10.622	7.589	1.4
10F RF	UDCon5	Combination	Max	Y	88.986	48.7	1.827
9F RF	UDCon5	Combination	Max	Y	78.39	43.78	1.791
8F RF	UDCon5	Combination	Max	Y	68.022	38.952	1.746
7F RF	UDCon5	Combination	Max	X	7.134	4.981	1.432
7F RF	UDCon5	Combination	Max	Y	57.893	34.222	1.692
6F RF	UDCon5	Combination	Max	X	12.279	9.282	1.323
6F RF	UDCon5	Combination	Max	Y	48.042	29.603	1.623
5F RF	UDCon5	Combination	Max	X	17.365	13.57	1.28
5F RF	UDCon5	Combination	Max	Y	38.486	25.095	1.534
4F RF	UDCon5	Combination	Max	X	22.421	17.759	1.263
4F RF	UDCon5	Combination	Max	Y	29.181	20.669	1.412
3F RF	UDCon5	Combination	Max	X	26.804	20.823	1.287
3F RF	UDCon5	Combination	Max	Y	20.179	16.354	1.234
2F RF	UDCon5	Combination	Max	X	28.961	22.827	1.269
2F RF	UDCon5	Combination	Max	Y	17.139	12.6	1.36
1F RF	UDCon5	Combination	Max	X	32.035	24.483	1.308
1F RF	UDCon5	Combination	Max	Y	17.074	4.01	4.257
Base	UDCon5	Combination	Max	X	0.286	0.143	2
Base	UDCon5	Combination	Max	Y	1.146	0.536	2.138
14	UDCon5	Combination	Min	X	212.742	161.467	1.318
14	UDCon5	Combination	Min	Y	63.808	31.983	1.995
13	UDCon5	Combination	Min	X	200.751	154.166	1.302
13	UDCon5	Combination	Min	Y	57.271	29.187	1.962

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
12F RF	UDCon5	Combination	Min	X	188.555	146.652	1.286
12F RF	UDCon5	Combination	Min	Y	50.81	26.387	1.926
11F RF	UDCon5	Combination	Min	X	176.232	138.973	1.268
11F RF	UDCon5	Combination	Min	Y	44.438	23.572	1.885
10F RF	UDCon5	Combination	Min	X	163.877	131.178	1.249
10F RF	UDCon5	Combination	Min	Y	38.288	20.795	1.841
9F RF	UDCon5	Combination	Min	X	151.502	123.273	1.229
9F RF	UDCon5	Combination	Min	Y	32.22	17.978	1.792
8F RF	UDCon5	Combination	Min	X	139.166	115.285	1.207
8F RF	UDCon5	Combination	Min	Y	26.214	15.101	1.736
7F RF	UDCon5	Combination	Min	X	127.401	107.466	1.185
7F RF	UDCon5	Combination	Min	Y	20.299	12.178	1.667
6F RF	UDCon5	Combination	Min	X	116.019	99.701	1.164
5F RF	UDCon5	Combination	Min	X	104.88	91.885	1.141
4F RF	UDCon5	Combination	Min	X	94.112	84.217	1.117
3F RF	UDCon5	Combination	Min	X	83.074	76.317	1.089
2F RF	UDCon5	Combination	Min	X	71.144	66.852	1.064
1F RF	UDCon5	Combination	Min	X	66.531	55.274	1.204
Base	UDCon5	Combination	Min	X	1.179	0.589	2
Base	UDCon5	Combination	Min	Y	0.787	0.124	6.344
14	UDCon6	Combination	Max	X	31.773	17.009	1.868
14	UDCon6	Combination	Max	Y	145.754	74.643	1.953
13	UDCon6	Combination	Max	X	26.966	14.006	1.925
13	UDCon6	Combination	Max	Y	134.13	69.456	1.931
12F RF	UDCon6	Combination	Max	X	22.08	10.869	2.032
12F RF	UDCon6	Combination	Max	Y	122.422	64.163	1.908
11F RF	UDCon6	Combination	Max	X	17.088	7.572	2.257
11F RF	UDCon6	Combination	Max	Y	110.683	58.791	1.883
10F RF	UDCon6	Combination	Max	Y	98.978	53.465	1.851
9F RF	UDCon6	Combination	Max	Y	87.375	48.159	1.814
8F RF	UDCon6	Combination	Max	Y	75.939	42.889	1.771
7F RF	UDCon6	Combination	Max	X	10.299	6.924	1.488
7F RF	UDCon6	Combination	Max	Y	64.727	37.68	1.718
6F RF	UDCon6	Combination	Max	X	12.565	10.578	1.188
6F RF	UDCon6	Combination	Max	Y	53.78	32.547	1.652
5F RF	UDCon6	Combination	Max	X	17.337	14.551	1.191
5F RF	UDCon6	Combination	Max	Y	43.115	27.487	1.569
4F RF	UDCon6	Combination	Max	X	22.749	18.381	1.238
4F RF	UDCon6	Combination	Max	Y	32.69	22.471	1.455
3F RF	UDCon6	Combination	Max	X	27.237	21.442	1.27
3F RF	UDCon6	Combination	Max	Y	22.564	17.605	1.282
2F RF	UDCon6	Combination	Max	X	29.537	23.541	1.255
2F RF	UDCon6	Combination	Max	Y	17.781	13.587	1.309
1F RF	UDCon6	Combination	Max	X	32.687	25.165	1.299
1F RF	UDCon6	Combination	Max	Y	17.176	4.329	3.968

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	Max	X	0.305	0.152	2
Base	UDCon6	Combination	Max	Y	1.156	0.532	2.175
14	UDCon6	Combination	Min	X	225.971	167.828	1.346
14	UDCon6	Combination	Min	Y	64.865	25.545	2.539
13	UDCon6	Combination	Min	X	212.828	159.824	1.332
13	UDCon6	Combination	Min	Y	58.201	23.165	2.512
12F RF	UDCon6	Combination	Min	X	199.424	151.587	1.316
12F RF	UDCon6	Combination	Min	Y	51.622	20.793	2.483
11F RF	UDCon6	Combination	Min	X	185.896	143.201	1.298
11F RF	UDCon6	Combination	Min	Y	45.143	18.421	2.451
10F RF	UDCon6	Combination	Min	X	172.308	134.707	1.279
10F RF	UDCon6	Combination	Min	Y	38.749	16.032	2.417
9F RF	UDCon6	Combination	Min	X	158.714	126.136	1.258
9F RF	UDCon6	Combination	Min	Y	32.447	13.621	2.382
8F RF	UDCon6	Combination	Min	X	145.291	117.577	1.236
7F RF	UDCon6	Combination	Min	X	132.073	109.04	1.211
6F RF	UDCon6	Combination	Min	X	119.18	100.869	1.182
5F RF	UDCon6	Combination	Min	X	106.764	92.864	1.15
4F RF	UDCon6	Combination	Min	X	94.965	84.88	1.119
3F RF	UDCon6	Combination	Min	X	83.953	77.063	1.089
2F RF	UDCon6	Combination	Min	X	72.091	67.725	1.064
1F RF	UDCon6	Combination	Min	X	67.184	55.956	1.201
Base	UDCon6	Combination	Min	X	1.199	0.6	2
Base	UDCon6	Combination	Min	Y	0.806	0.129	6.263
14	UDCon7	Combination	Max	Y	135.887	69.72	1.949
13	UDCon7	Combination	Max	Y	125.117	64.925	1.927
12F RF	UDCon7	Combination	Max	Y	114.237	60.015	1.903
11F RF	UDCon7	Combination	Max	Y	103.303	55.02	1.878
10F RF	UDCon7	Combination	Max	X	16.553	6.23	2.657
10F RF	UDCon7	Combination	Max	Y	92.384	49.996	1.848
9F RF	UDCon7	Combination	Max	X	17.485	8.706	2.008
9F RF	UDCon7	Combination	Max	Y	81.554	44.989	1.813
8F RF	UDCon7	Combination	Max	X	18.631	11.332	1.644
8F RF	UDCon7	Combination	Max	Y	70.88	40.039	1.77
7F RF	UDCon7	Combination	Max	X	20.009	14.091	1.42
7F RF	UDCon7	Combination	Max	Y	60.425	35.176	1.718
6F RF	UDCon7	Combination	Max	X	21.655	16.963	1.277
6F RF	UDCon7	Combination	Max	Y	50.233	30.417	1.651
5F RF	UDCon7	Combination	Max	X	23.631	19.922	1.186
5F RF	UDCon7	Combination	Max	Y	40.323	25.762	1.565
4F RF	UDCon7	Combination	Max	X	26.024	22.946	1.134
4F RF	UDCon7	Combination	Max	Y	30.652	21.183	1.447
3F RF	UDCon7	Combination	Max	X	29.342	25.501	1.151
3F RF	UDCon7	Combination	Max	Y	21.274	16.707	1.273
2F RF	UDCon7	Combination	Max	X	31.476	26.749	1.177

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
2F RF	UDCon7	Combination	Max	Y	16.899	12.726	1.328
1F RF	UDCon7	Combination	Max	X	34.384	27.318	1.259
1F RF	UDCon7	Combination	Max	Y	17.151	4.208	4.076
Base	UDCon7	Combination	Max	X	0.34	0.17	2
Base	UDCon7	Combination	Max	Y	1.112	0.493	2.256
14	UDCon7	Combination	Min	X	218.4	164.942	1.324
14	UDCon7	Combination	Min	Y	73.3	31.478	2.329
13	UDCon7	Combination	Min	X	205.84	157.207	1.309
13	UDCon7	Combination	Min	Y	66.041	28.768	2.296
12F RF	UDCon7	Combination	Min	X	193.024	149.234	1.293
12F RF	UDCon7	Combination	Min	Y	58.859	26.05	2.259
11F RF	UDCon7	Combination	Min	X	180.081	141.103	1.276
11F RF	UDCon7	Combination	Min	Y	51.772	23.316	2.22
10F RF	UDCon7	Combination	Min	X	167.074	132.851	1.258
10F RF	UDCon7	Combination	Min	Y	44.768	20.548	2.179
9F RF	UDCon7	Combination	Min	X	154.099	124.531	1.237
9F RF	UDCon7	Combination	Min	Y	37.859	17.741	2.134
8F RF	UDCon7	Combination	Min	X	141.246	116.189	1.216
8F RF	UDCon7	Combination	Min	Y	31.07	14.901	2.085
7F RF	UDCon7	Combination	Min	X	128.572	107.846	1.192
7F RF	UDCon7	Combination	Min	Y	24.439	11.863	2.06
6F RF	UDCon7	Combination	Min	X	116.202	99.545	1.167
5F RF	UDCon7	Combination	Min	X	104.286	91.326	1.142
4F RF	UDCon7	Combination	Min	X	92.957	83.21	1.117
3F RF	UDCon7	Combination	Min	X	81.595	74.949	1.089
2F RF	UDCon7	Combination	Min	X	69.634	65.319	1.066
1F RF	UDCon7	Combination	Min	X	64.733	53.747	1.204
Base	UDCon7	Combination	Min	X	1.137	0.569	2
Base	UDCon7	Combination	Min	Y	0.757	0.093	8.114
14	UDCon8	Combination	Max	X	34.438	22.431	1.535
14	UDCon8	Combination	Max	Y	133.443	73.248	1.822
13	UDCon8	Combination	Max	X	29.277	18.853	1.553
13	UDCon8	Combination	Max	Y	122.878	68.219	1.801
12F RF	UDCon8	Combination	Max	X	24.039	15.141	1.588
12F RF	UDCon8	Combination	Max	Y	112.214	63.077	1.779
11F RF	UDCon8	Combination	Max	X	18.705	11.28	1.658
11F RF	UDCon8	Combination	Max	Y	101.508	57.852	1.755
10F RF	UDCon8	Combination	Max	X	13.293	7.277	1.827
10F RF	UDCon8	Combination	Max	Y	90.822	52.6	1.727
9F RF	UDCon8	Combination	Max	Y	80.226	47.367	1.694
8F RF	UDCon8	Combination	Max	Y	69.784	42.193	1.654
7F RF	UDCon8	Combination	Max	X	7.717	5.344	1.444
7F RF	UDCon8	Combination	Max	Y	59.55	37.106	1.605
6F RF	UDCon8	Combination	Max	X	11.114	9.593	1.159
6F RF	UDCon8	Combination	Max	Y	49.562	32.123	1.543

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
5F RF	UDCon8	Combination	Max	X	17.054	14.126	1.207
5F RF	UDCon8	Combination	Max	Y	39.832	27.241	1.462
4F RF	UDCon8	Combination	Max	X	22.841	18.509	1.234
4F RF	UDCon8	Combination	Max	Y	30.308	22.433	1.351
3F RF	UDCon8	Combination	Max	X	27.791	22.039	1.261
3F RF	UDCon8	Combination	Max	Y	21.038	17.724	1.187
2F RF	UDCon8	Combination	Max	X	30.427	24.455	1.244
2F RF	UDCon8	Combination	Max	Y	18.188	13.34	1.363
1F RF	UDCon8	Combination	Max	X	33.75	26.088	1.294
1F RF	UDCon8	Combination	Max	Y	16.786	3.839	4.372
Base	UDCon8	Combination	Max	X	0.334	0.167	2
Base	UDCon8	Combination	Max	Y	1.113	0.499	2.23
14	UDCon8	Combination	Min	X	196.857	146.511	1.344
14	UDCon8	Combination	Min	Y	63.8	27.947	2.283
13	UDCon8	Combination	Min	X	185.033	139.909	1.323
13	UDCon8	Combination	Min	Y	57.213	25.459	2.247
12F RF	UDCon8	Combination	Min	X	172.998	133.101	1.3
12F RF	UDCon8	Combination	Min	Y	50.713	22.96	2.209
11F RF	UDCon8	Combination	Min	X	160.901	126.162	1.275
11F RF	UDCon8	Combination	Min	Y	44.312	20.443	2.168
10F RF	UDCon8	Combination	Min	X	149.273	119.351	1.251
10F RF	UDCon8	Combination	Min	Y	37.998	17.89	2.124
9F RF	UDCon8	Combination	Min	X	138.152	112.676	1.226
9F RF	UDCon8	Combination	Min	Y	31.775	15.299	2.077
8F RF	UDCon8	Combination	Min	X	127.146	105.928	1.2
8F RF	UDCon8	Combination	Min	Y	25.666	12.676	2.025
7F RF	UDCon8	Combination	Min	X	116.28	99.1	1.173
7F RF	UDCon8	Combination	Min	Y	19.704	10.04	1.962
6F RF	UDCon8	Combination	Min	X	105.66	92.215	1.146
5F RF	UDCon8	Combination	Min	X	95.424	85.304	1.119
4F RF	UDCon8	Combination	Min	X	85.708	78.391	1.093
3F RF	UDCon8	Combination	Min	X	76.214	71.396	1.067
2F RF	UDCon8	Combination	Min	X	67.606	62.578	1.08
1F RF	UDCon8	Combination	Min	X	64.098	52.517	1.221
Base	UDCon8	Combination	Min	X	1.13	0.565	2
Base	UDCon8	Combination	Min	Y	0.745	0.087	8.534
14	UDCon9	Combination	Max	X	31.953	24.312	1.314
14	UDCon9	Combination	Max	Y	131.014	67.809	1.932
13	UDCon9	Combination	Max	X	26.864	20.519	1.309
13	UDCon9	Combination	Max	Y	120.412	63.064	1.909
12F RF	UDCon9	Combination	Max	X	21.713	16.598	1.308
12F RF	UDCon9	Combination	Max	Y	109.731	58.22	1.885
11F RF	UDCon9	Combination	Max	X	16.485	12.538	1.315
11F RF	UDCon9	Combination	Max	Y	99.033	53.309	1.858
10F RF	UDCon9	Combination	Max	X	11.196	8.346	1.341

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
10F RF	UDCon9	Combination	Max	Y	88.386	48.387	1.827
9F RF	UDCon9	Combination	Max	Y	77.865	43.499	1.79
8F RF	UDCon9	Combination	Max	Y	67.57	38.703	1.746
7F RF	UDCon9	Combination	Max	X	6.634	4.386	1.512
7F RF	UDCon9	Combination	Max	Y	57.512	34.003	1.691
6F RF	UDCon9	Combination	Max	X	11.803	8.736	1.351
6F RF	UDCon9	Combination	Max	Y	47.728	29.414	1.623
5F RF	UDCon9	Combination	Max	X	16.91	13.071	1.294
5F RF	UDCon9	Combination	Max	Y	38.237	24.934	1.534
4F RF	UDCon9	Combination	Max	X	21.987	17.308	1.27
4F RF	UDCon9	Combination	Max	Y	28.994	20.536	1.412
3F RF	UDCon9	Combination	Max	X	26.392	20.418	1.293
3F RF	UDCon9	Combination	Max	Y	20.052	16.248	1.234
2F RF	UDCon9	Combination	Max	X	28.578	22.468	1.272
2F RF	UDCon9	Combination	Max	Y	17.013	12.513	1.36
1F RF	UDCon9	Combination	Max	X	31.667	24.181	1.31
1F RF	UDCon9	Combination	Max	Y	16.969	3.985	4.258
Base	UDCon9	Combination	Max	X	0.28	0.14	2
Base	UDCon9	Combination	Max	Y	1.14	0.535	2.13
14	UDCon9	Combination	Min	X	211.463	160.484	1.318
14	UDCon9	Combination	Min	Y	63.793	32.428	1.967
13	UDCon9	Combination	Min	X	199.558	153.24	1.302
13	UDCon9	Combination	Min	Y	57.267	29.598	1.935
12F RF	UDCon9	Combination	Min	X	187.449	145.784	1.286
12F RF	UDCon9	Combination	Min	Y	50.817	26.764	1.899
11F RF	UDCon9	Combination	Min	X	175.21	138.16	1.268
11F RF	UDCon9	Combination	Min	Y	44.455	23.915	1.859
10F RF	UDCon9	Combination	Min	X	162.937	130.421	1.249
10F RF	UDCon9	Combination	Min	Y	38.315	21.105	1.815
9F RF	UDCon9	Combination	Min	X	150.642	122.57	1.229
9F RF	UDCon9	Combination	Min	Y	32.257	18.255	1.767
8F RF	UDCon9	Combination	Min	X	138.385	114.634	1.207
8F RF	UDCon9	Combination	Min	Y	26.26	15.347	1.711
7F RF	UDCon9	Combination	Min	X	126.695	106.867	1.186
7F RF	UDCon9	Combination	Min	Y	20.355	12.392	1.643
6F RF	UDCon9	Combination	Min	X	115.385	99.15	1.164
5F RF	UDCon9	Combination	Min	X	104.313	91.381	1.142
4F RF	UDCon9	Combination	Min	X	93.606	83.758	1.118
3F RF	UDCon9	Combination	Min	X	82.628	75.901	1.089
2F RF	UDCon9	Combination	Min	X	70.758	66.493	1.064
1F RF	UDCon9	Combination	Min	X	66.164	54.972	1.204
Base	UDCon9	Combination	Min	X	1.173	0.586	2
Base	UDCon9	Combination	Min	Y	0.783	0.125	6.265
14	UDCon10	Combination	Max	X	32.46	17.992	1.804
14	UDCon10	Combination	Max	Y	144.843	74.195	1.952

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
13	UDCon10	Combination	Max	X	27.625	14.932	1.85
13	UDCon10	Combination	Max	Y	133.298	69.042	1.931
12F RF	UDCon10	Combination	Max	X	22.711	11.738	1.935
12F RF	UDCon10	Combination	Max	Y	121.668	63.783	1.908
11F RF	UDCon10	Combination	Max	X	17.691	8.385	2.11
11F RF	UDCon10	Combination	Max	Y	110.007	58.444	1.882
10F RF	UDCon10	Combination	Max	Y	98.378	53.152	1.851
9F RF	UDCon10	Combination	Max	Y	86.85	47.878	1.814
8F RF	UDCon10	Combination	Max	Y	75.487	42.64	1.77
7F RF	UDCon10	Combination	Max	X	9.594	6.324	1.517
7F RF	UDCon10	Combination	Max	Y	64.345	37.461	1.718
6F RF	UDCon10	Combination	Max	X	11.931	10.027	1.19
6F RF	UDCon10	Combination	Max	Y	53.466	32.358	1.652
5F RF	UDCon10	Combination	Max	X	16.882	14.052	1.201
5F RF	UDCon10	Combination	Max	Y	42.866	27.327	1.569
4F RF	UDCon10	Combination	Max	X	22.314	17.93	1.245
4F RF	UDCon10	Combination	Max	Y	32.504	22.338	1.455
3F RF	UDCon10	Combination	Max	X	26.824	21.037	1.275
3F RF	UDCon10	Combination	Max	Y	22.437	17.499	1.282
2F RF	UDCon10	Combination	Max	X	29.154	23.183	1.258
2F RF	UDCon10	Combination	Max	Y	17.656	13.5	1.308
1F RF	UDCon10	Combination	Max	X	32.319	24.863	1.3
1F RF	UDCon10	Combination	Max	Y	17.072	4.304	3.966
Base	UDCon10	Combination	Max	X	0.299	0.15	2
Base	UDCon10	Combination	Max	Y	1.15	0.531	2.167
14	UDCon10	Combination	Min	X	224.692	166.845	1.347
14	UDCon10	Combination	Min	Y	64.85	25.99	2.495
13	UDCon10	Combination	Min	X	211.635	158.898	1.332
13	UDCon10	Combination	Min	Y	58.198	23.577	2.468
12F RF	UDCon10	Combination	Min	X	198.318	150.719	1.316
12F RF	UDCon10	Combination	Min	Y	51.63	21.17	2.439
11F RF	UDCon10	Combination	Min	X	184.875	142.389	1.298
11F RF	UDCon10	Combination	Min	Y	45.161	18.765	2.407
10F RF	UDCon10	Combination	Min	X	171.37	133.951	1.279
10F RF	UDCon10	Combination	Min	Y	38.777	16.342	2.373
9F RF	UDCon10	Combination	Min	X	157.858	125.434	1.258
9F RF	UDCon10	Combination	Min	Y	32.484	13.899	2.337
8F RF	UDCon10	Combination	Min	X	144.51	116.926	1.236
7F RF	UDCon10	Combination	Min	X	131.368	108.44	1.211
6F RF	UDCon10	Combination	Min	X	118.546	100.318	1.182
5F RF	UDCon10	Combination	Min	X	106.197	92.36	1.15
4F RF	UDCon10	Combination	Min	X	94.459	84.421	1.119
3F RF	UDCon10	Combination	Min	X	83.506	76.647	1.089
2F RF	UDCon10	Combination	Min	X	71.704	67.367	1.064
1F RF	UDCon10	Combination	Min	X	66.816	55.654	1.201

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
Base	UDCon10	Combination	Min	X	1.193	0.597	2
Base	UDCon10	Combination	Min	Y	0.802	0.13	6.188

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	0.000901	44	26.8	19.6	56
16	Dead	LinStatic		Y	0.000841	44	26.8	19.6	56
16	Live	LinStatic		X	9.2E-05	44	26.8	19.6	56
16	Live	LinStatic		Y	7.7E-05	44	26.8	19.6	56
16	FF	LinStatic		X	0.000565	44	26.8	19.6	56
16	FF	LinStatic		Y	0.000533	44	26.8	19.6	56
16	PW	LinStatic		X	0.000493	44	26.8	19.6	56
16	PW	LinStatic		Y	0.000464	44	26.8	19.6	56
16	Earthquake+x	LinStatic		X	0.00264	44	26.8	19.6	56
16	Earthquake+x	LinStatic		Y	0.001225	44	26.8	19.6	56
16	Earthquake+y	LinStatic		Y	0.003123	44	26.8	19.6	56
16	TH-X Load Case	LinModHist	Max	X	0.001799	6	20.5	19.6	56
16	TH-X Load Case	LinModHist	Max	Y	0.001325	44	26.8	19.6	56
16	TH-X Load Case	LinModHist	Min	X	0.001998	6	20.5	19.6	56
16	TH-X Load Case	LinModHist	Min	Y	0.001266	44	26.8	19.6	56
16	TH-Y Load Case	LinModHist	Max	X	0.002155	6	20.5	19.6	56
16	TH-Y Load Case	LinModHist	Max	Y	0.001275	44	26.8	19.6	56
16	TH-Y Load Case	LinModHist	Min	X	0.001809	44	26.8	19.6	56
16	TH-Y Load Case	LinModHist	Min	Y	0.00155	44	26.8	19.6	56
16	UDCon1	Combination		X	0.002644	44	26.8	19.6	56
16	UDCon1	Combination		Y	0.002481	44	26.8	19.6	56
16	UDCon2	Combination		X	0.002782	44	26.8	19.6	56
16	UDCon2	Combination		Y	0.002596	44	26.8	19.6	56
16	UDCon3	Combination	Max	X	0.001411	40	3.75	5	56
16	UDCon3	Combination	Max	Y	0.003185	44	26.8	19.6	56
16	UDCon3	Combination	Min	X	0.003977	44	26.8	19.6	56
16	UDCon3	Combination	Min	Y	0.002174	33	3.75	19.6	56
16	UDCon4	Combination	Max	X	0.001588	40	3.75	5	56
16	UDCon4	Combination	Max	Y	0.003127	44	26.8	19.6	56
16	UDCon4	Combination	Min	X	0.003769	44	26.8	19.6	56
16	UDCon4	Combination	Min	Y	0.001986	33	3.75	19.6	56
16	UDCon5	Combination	Max	X	0.001646	40	3.75	5	56
16	UDCon5	Combination	Max	Y	0.003136	44	26.8	19.6	56
16	UDCon5	Combination	Min	X	0.003795	44	26.8	19.6	56
16	UDCon5	Combination	Min	Y	0.00197	33	3.75	19.6	56
16	UDCon6	Combination	Max	X	0.001501	40	3.75	5	56
16	UDCon6	Combination	Max	Y	0.003411	44	26.8	19.6	56
16	UDCon6	Combination	Min	X	0.004121	44	26.8	19.6	56
16	UDCon6	Combination	Min	Y	0.002004	33	3.75	19.6	56

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
16	UDCon7	Combination	Max	X	0.001417	40	3.75	5	56
16	UDCon7	Combination	Max	Y	0.003162	44	26.8	19.6	56
16	UDCon7	Combination	Min	X	0.003949	44	26.8	19.6	56
16	UDCon7	Combination	Min	Y	0.00217	33	3.75	19.6	56
16	UDCon8	Combination	Max	X	0.001593	40	3.75	5	56
16	UDCon8	Combination	Max	Y	0.003104	44	26.8	19.6	56
16	UDCon8	Combination	Min	X	0.003741	44	26.8	19.6	56
16	UDCon8	Combination	Min	Y	0.001982	33	3.75	19.6	56
16	UDCon9	Combination	Max	X	0.001651	40	3.75	5	56
16	UDCon9	Combination	Max	Y	0.003113	44	26.8	19.6	56
16	UDCon9	Combination	Min	X	0.003768	44	26.8	19.6	56
16	UDCon9	Combination	Min	Y	0.001966	33	3.75	19.6	56
16	UDCon10	Combination	Max	X	0.001506	40	3.75	5	56
16	UDCon10	Combination	Max	Y	0.003388	44	26.8	19.6	56
16	UDCon10	Combination	Min	X	0.004093	44	26.8	19.6	56
16	UDCon10	Combination	Min	Y	0.002	33	3.75	19.6	56
15	Dead	LinStatic		X	0.000739	44	26.8	19.6	52.5
15	Dead	LinStatic		Y	0.000838	45	26.8	14.8	52.5
15	Live	LinStatic		X	8.4E-05	44	26.8	19.6	52.5
15	Live	LinStatic		Y	7.7E-05	45	26.8	14.8	52.5
15	FF	LinStatic		X	0.000447	44	26.8	19.6	52.5
15	FF	LinStatic		Y	0.000533	45	26.8	14.8	52.5
15	PW	LinStatic		X	0.000382	44	26.8	19.6	52.5
15	PW	LinStatic		Y	0.000465	45	26.8	14.8	52.5
15	Earthquake+x	LinStatic		X	0.0027	6	20.5	19.6	52.5
15	Earthquake+x	LinStatic		Y	0.001227	45	26.8	14.8	52.5
15	Earthquake+y	LinStatic		Y	0.003158	45	26.8	14.8	52.5
15	TH-X Load Case	LinModHist	Max	X	0.001843	6	20.5	19.6	52.5
15	TH-X Load Case	LinModHist	Max	Y	0.001341	45	26.8	14.8	52.5
15	TH-X Load Case	LinModHist	Min	X	0.002045	6	20.5	19.6	52.5
15	TH-X Load Case	LinModHist	Min	Y	0.00128	45	26.8	14.8	52.5
15	TH-Y Load Case	LinModHist	Max	X	0.002209	6	20.5	19.6	52.5
15	TH-Y Load Case	LinModHist	Max	Y	0.001288	45	26.8	14.8	52.5
15	TH-Y Load Case	LinModHist	Min	X	0.001847	6	20.5	19.6	52.5
15	TH-Y Load Case	LinModHist	Min	Y	0.001561	45	26.8	14.8	52.5
15	UDCon1	Combination		X	0.002117	44	26.8	19.6	52.5
15	UDCon1	Combination		Y	0.00248	45	26.8	14.8	52.5
15	UDCon2	Combination		X	0.002243	44	26.8	19.6	52.5
15	UDCon2	Combination		Y	0.002595	45	26.8	14.8	52.5
15	UDCon3	Combination	Max	X	0.001292	40	3.75	5	52.5
15	UDCon3	Combination	Max	Y	0.003201	45	26.8	14.8	52.5
15	UDCon3	Combination	Min	X	0.003606	44	26.8	19.6	52.5
15	UDCon3	Combination	Min	Y	0.002121	39	3.75	10	52.5
15	UDCon4	Combination	Max	X	0.001473	40	3.75	5	52.5
15	UDCon4	Combination	Max	Y	0.003139	45	26.8	14.8	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	UDCon4	Combination	Min	X	0.003403	44	26.8	19.6	52.5
15	UDCon4	Combination	Min	Y	0.001932	39	3.75	10	52.5
15	UDCon5	Combination	Max	X	0.001536	40	3.75	5	52.5
15	UDCon5	Combination	Max	Y	0.003148	45	26.8	14.8	52.5
15	UDCon5	Combination	Min	X	0.003415	44	26.8	19.6	52.5
15	UDCon5	Combination	Min	Y	0.001912	39	3.75	10	52.5
15	UDCon6	Combination	Max	X	0.001383	40	3.75	5	52.5
15	UDCon6	Combination	Max	Y	0.003421	45	26.8	14.8	52.5
15	UDCon6	Combination	Min	X	0.003765	6	20.5	19.6	52.5
15	UDCon6	Combination	Min	Y	0.00195	39	3.75	10	52.5
15	UDCon7	Combination	Max	X	0.001299	40	3.75	5	52.5
15	UDCon7	Combination	Max	Y	0.003178	45	26.8	14.8	52.5
15	UDCon7	Combination	Min	X	0.003581	44	26.8	19.6	52.5
15	UDCon7	Combination	Min	Y	0.002117	39	3.75	10	52.5
15	UDCon8	Combination	Max	X	0.001481	40	3.75	5	52.5
15	UDCon8	Combination	Max	Y	0.003116	45	26.8	14.8	52.5
15	UDCon8	Combination	Min	X	0.003378	44	26.8	19.6	52.5
15	UDCon8	Combination	Min	Y	0.001928	39	3.75	10	52.5
15	UDCon9	Combination	Max	X	0.001543	40	3.75	5	52.5
15	UDCon9	Combination	Max	Y	0.003125	45	26.8	14.8	52.5
15	UDCon9	Combination	Min	X	0.00339	44	26.8	19.6	52.5
15	UDCon9	Combination	Min	Y	0.001908	39	3.75	10	52.5
15	UDCon10	Combination	Max	X	0.00139	40	3.75	5	52.5
15	UDCon10	Combination	Max	Y	0.003398	45	26.8	14.8	52.5
15	UDCon10	Combination	Min	X	0.00374	6	20.5	19.6	52.5
15	UDCon10	Combination	Min	Y	0.001946	39	3.75	10	52.5
14	Dead	LinStatic		X	0.000721	44	26.8	19.6	49
14	Dead	LinStatic		Y	0.000839	45	26.8	14.8	49
14	Live	LinStatic		X	8.2E-05	6	20.5	19.6	49
14	Live	LinStatic		Y	7.7E-05	45	26.8	14.8	49
14	FF	LinStatic		X	0.000437	44	26.8	19.6	49
14	FF	LinStatic		Y	0.000534	45	26.8	14.8	49
14	PW	LinStatic		X	0.000373	44	26.8	19.6	49
14	PW	LinStatic		Y	0.000466	45	26.8	14.8	49
14	Earthquake+x	LinStatic		X	0.002767	6	20.5	19.6	49
14	Earthquake+x	LinStatic		Y	0.001231	45	26.8	14.8	49
14	Earthquake+y	LinStatic		Y	0.003198	45	26.8	14.8	49
14	TH-X Load Case	LinModHist	Max	X	0.001884	6	20.5	19.6	49
14	TH-X Load Case	LinModHist	Max	Y	0.001363	45	26.8	14.8	49
14	TH-X Load Case	LinModHist	Min	X	0.002094	6	20.5	19.6	49
14	TH-X Load Case	LinModHist	Min	Y	0.001297	45	26.8	14.8	49
14	TH-Y Load Case	LinModHist	Max	X	0.002258	6	20.5	19.6	49
14	TH-Y Load Case	LinModHist	Max	Y	0.001301	45	26.8	14.8	49
14	TH-Y Load Case	LinModHist	Min	X	0.001892	6	20.5	19.6	49
14	TH-Y Load Case	LinModHist	Min	Y	0.001575	45	26.8	14.8	49

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
14	UDCon1	Combination		X	0.002068	44	26.8	19.6	49
14	UDCon1	Combination		Y	0.002483	45	26.8	14.8	49
14	UDCon2	Combination		X	0.002191	44	26.8	19.6	49
14	UDCon2	Combination		Y	0.002598	45	26.8	14.8	49
14	UDCon3	Combination	Max	X	0.001284	40	3.75	5	49
14	UDCon3	Combination	Max	Y	0.003225	45	26.8	14.8	49
14	UDCon3	Combination	Min	X	0.003643	6	20.5	19.6	49
14	UDCon3	Combination	Min	Y	0.002089	33	3.75	19.6	49
14	UDCon4	Combination	Max	X	0.001477	40	3.75	5	49
14	UDCon4	Combination	Max	Y	0.003159	45	26.8	14.8	49
14	UDCon4	Combination	Min	X	0.003433	6	20.5	19.6	49
14	UDCon4	Combination	Min	Y	0.001897	39	3.75	10	49
14	UDCon5	Combination	Max	X	0.00154	40	3.75	5	49
14	UDCon5	Combination	Max	Y	0.003163	45	26.8	14.8	49
14	UDCon5	Combination	Min	X	0.003441	6	20.5	19.6	49
14	UDCon5	Combination	Min	Y	0.001879	39	3.75	10	49
14	UDCon6	Combination	Max	X	0.001384	40	3.75	5	49
14	UDCon6	Combination	Max	Y	0.003437	45	26.8	14.8	49
14	UDCon6	Combination	Min	X	0.003807	6	20.5	19.6	49
14	UDCon6	Combination	Min	Y	0.001916	39	3.75	10	49
14	UDCon7	Combination	Max	X	0.001291	40	3.75	5	49
14	UDCon7	Combination	Max	Y	0.003202	45	26.8	14.8	49
14	UDCon7	Combination	Min	X	0.003619	6	20.5	19.6	49
14	UDCon7	Combination	Min	Y	0.002086	33	3.75	19.6	49
14	UDCon8	Combination	Max	X	0.001484	40	3.75	5	49
14	UDCon8	Combination	Max	Y	0.003136	45	26.8	14.8	49
14	UDCon8	Combination	Min	X	0.003408	6	20.5	19.6	49
14	UDCon8	Combination	Min	Y	0.001893	39	3.75	10	49
14	UDCon9	Combination	Max	X	0.001547	40	3.75	5	49
14	UDCon9	Combination	Max	Y	0.00314	45	26.8	14.8	49
14	UDCon9	Combination	Min	X	0.003416	6	20.5	19.6	49
14	UDCon9	Combination	Min	Y	0.001876	39	3.75	10	49
14	UDCon10	Combination	Max	X	0.001391	40	3.75	5	49
14	UDCon10	Combination	Max	Y	0.003414	45	26.8	14.8	49
14	UDCon10	Combination	Min	X	0.003783	6	20.5	19.6	49
14	UDCon10	Combination	Min	Y	0.001912	39	3.75	10	49
13	Dead	LinStatic		X	0.000719	32	11.4	19.6	45.5
13	Dead	LinStatic		Y	0.000834	45	26.8	14.8	45.5
13	Live	LinStatic		X	8.2E-05	32	11.4	19.6	45.5
13	Live	LinStatic		Y	7.6E-05	45	26.8	14.8	45.5
13	FF	LinStatic		X	0.000436	32	11.4	19.6	45.5
13	FF	LinStatic		Y	0.000532	45	26.8	14.8	45.5
13	PW	LinStatic		X	0.000372	32	11.4	19.6	45.5
13	PW	LinStatic		Y	0.000465	45	26.8	14.8	45.5
13	Earthquake+x	LinStatic		X	0.002835	6	20.5	19.6	45.5

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
13	Earthquake+x	LinStatic		Y	0.001235	45	26.8	14.8	45.5
13	Earthquake+y	LinStatic		Y	0.003233	45	26.8	14.8	45.5
13	TH-X Load Case	LinModHist	Max	X	0.001918	6	20.5	19.6	45.5
13	TH-X Load Case	LinModHist	Max	Y	0.001384	45	26.8	14.8	45.5
13	TH-X Load Case	LinModHist	Min	X	0.002142	6	20.5	19.6	45.5
13	TH-X Load Case	LinModHist	Min	Y	0.001314	45	26.8	14.8	45.5
13	TH-Y Load Case	LinModHist	Max	X	0.002298	6	20.5	19.6	45.5
13	TH-Y Load Case	LinModHist	Max	Y	0.001311	45	26.8	14.8	45.5
13	TH-Y Load Case	LinModHist	Min	X	0.001938	6	20.5	19.6	45.5
13	TH-Y Load Case	LinModHist	Min	Y	0.00159	45	26.8	14.8	45.5
13	UDCon1	Combination		X	0.002061	32	11.4	19.6	45.5
13	UDCon1	Combination		Y	0.002472	45	26.8	14.8	45.5
13	UDCon2	Combination		X	0.002184	32	11.4	19.6	45.5
13	UDCon2	Combination		Y	0.002586	45	26.8	14.8	45.5
13	UDCon3	Combination	Max	X	0.001289	40	3.75	5	45.5
13	UDCon3	Combination	Max	Y	0.003238	45	26.8	14.8	45.5
13	UDCon3	Combination	Min	X	0.003686	32	11.4	19.6	45.5
13	UDCon3	Combination	Min	Y	0.00208	33	3.75	19.6	45.5
13	UDCon4	Combination	Max	X	0.001498	27	17.9	5	45.5
13	UDCon4	Combination	Max	Y	0.003168	45	26.8	14.8	45.5
13	UDCon4	Combination	Min	X	0.003463	32	11.4	19.6	45.5
13	UDCon4	Combination	Min	Y	0.001882	33	3.75	19.6	45.5
13	UDCon5	Combination	Max	X	0.001556	27	17.9	5	45.5
13	UDCon5	Combination	Max	Y	0.003165	45	26.8	14.8	45.5
13	UDCon5	Combination	Min	X	0.003484	32	11.4	19.6	45.5
13	UDCon5	Combination	Min	Y	0.001868	33	3.75	19.6	45.5
13	UDCon6	Combination	Max	X	0.001405	40	3.75	5	45.5
13	UDCon6	Combination	Max	Y	0.003444	45	26.8	14.8	45.5
13	UDCon6	Combination	Min	X	0.003843	32	11.4	19.6	45.5
13	UDCon6	Combination	Min	Y	0.001901	33	3.75	19.6	45.5
13	UDCon7	Combination	Max	X	0.001297	40	3.75	5	45.5
13	UDCon7	Combination	Max	Y	0.003215	45	26.8	14.8	45.5
13	UDCon7	Combination	Min	X	0.003662	32	11.4	19.6	45.5
13	UDCon7	Combination	Min	Y	0.002076	33	3.75	19.6	45.5
13	UDCon8	Combination	Max	X	0.001506	27	17.9	5	45.5
13	UDCon8	Combination	Max	Y	0.003145	45	26.8	14.8	45.5
13	UDCon8	Combination	Min	X	0.003439	32	11.4	19.6	45.5
13	UDCon8	Combination	Min	Y	0.001878	33	3.75	19.6	45.5
13	UDCon9	Combination	Max	X	0.001564	27	17.9	5	45.5
13	UDCon9	Combination	Max	Y	0.003142	45	26.8	14.8	45.5
13	UDCon9	Combination	Min	X	0.00346	32	11.4	19.6	45.5
13	UDCon9	Combination	Min	Y	0.001864	33	3.75	19.6	45.5
13	UDCon10	Combination	Max	X	0.001413	40	3.75	5	45.5
13	UDCon10	Combination	Max	Y	0.003421	45	26.8	14.8	45.5
13	UDCon10	Combination	Min	X	0.003818	32	11.4	19.6	45.5

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
13	UDCon10	Combination	Min	Y	0.001898	33	3.75	19.6	45.5
12F RF	Dead	LinStatic		X	0.000715	32	11.4	19.6	42
12F RF	Dead	LinStatic		Y	0.000825	45	26.8	14.8	42
12F RF	Live	LinStatic		X	8.1E-05	32	11.4	19.6	42
12F RF	Live	LinStatic		Y	7.5E-05	45	26.8	14.8	42
12F RF	FF	LinStatic		X	0.000433	32	11.4	19.6	42
12F RF	FF	LinStatic		Y	0.000527	45	26.8	14.8	42
12F RF	PW	LinStatic		X	0.00037	32	11.4	19.6	42
12F RF	PW	LinStatic		Y	0.00046	45	26.8	14.8	42
12F RF	Earthquake+x	LinStatic		X	0.002902	11	7	19.6	42
12F RF	Earthquake+x	LinStatic		Y	0.00124	45	26.8	14.8	42
12F RF	Earthquake+y	LinStatic		Y	0.00326	45	26.8	14.8	42
12F RF	TH-X Load Case	LinModHist	Max	X	0.001943	33	3.75	19.6	42
12F RF	TH-X Load Case	LinModHist	Max	Y	0.001404	45	26.8	14.8	42
12F RF	TH-X Load Case	LinModHist	Min	X	0.002185	11	7	19.6	42
12F RF	TH-X Load Case	LinModHist	Min	Y	0.00133	45	26.8	14.8	42
12F RF	TH-Y Load Case	LinModHist	Max	X	0.002329	6	20.5	19.6	42
12F RF	TH-Y Load Case	LinModHist	Max	Y	0.001319	45	26.8	14.8	42
12F RF	TH-Y Load Case	LinModHist	Min	X	0.001985	11	7	19.6	42
12F RF	TH-Y Load Case	LinModHist	Min	Y	0.001604	45	26.8	14.8	42
12F RF	UDCon1	Combination		X	0.002049	32	11.4	19.6	42
12F RF	UDCon1	Combination		Y	0.002445	45	26.8	14.8	42
12F RF	UDCon2	Combination		X	0.002171	32	11.4	19.6	42
12F RF	UDCon2	Combination		Y	0.002558	45	26.8	14.8	42
12F RF	UDCon3	Combination	Max	X	0.001302	28	20.5	5	42
12F RF	UDCon3	Combination	Max	Y	0.003238	45	26.8	14.8	42
12F RF	UDCon3	Combination	Min	X	0.003724	11	7	19.6	42
12F RF	UDCon3	Combination	Min	Y	0.002067	33	3.75	19.6	42
12F RF	UDCon4	Combination	Max	X	0.001537	28	20.5	5	42
12F RF	UDCon4	Combination	Max	Y	0.003164	45	26.8	14.8	42
12F RF	UDCon4	Combination	Min	X	0.003482	11	7	19.6	42
12F RF	UDCon4	Combination	Min	Y	0.001868	33	3.75	19.6	42
12F RF	UDCon5	Combination	Max	X	0.001583	28	20.5	5	42
12F RF	UDCon5	Combination	Max	Y	0.003153	45	26.8	14.8	42
12F RF	UDCon5	Combination	Min	X	0.003524	11	7	19.6	42
12F RF	UDCon5	Combination	Min	Y	0.001859	33	3.75	19.6	42
12F RF	UDCon6	Combination	Max	X	0.001446	28	20.5	5	42
12F RF	UDCon6	Combination	Max	Y	0.003438	45	26.8	14.8	42
12F RF	UDCon6	Combination	Min	X	0.003867	11	7	19.6	42
12F RF	UDCon6	Combination	Min	Y	0.001888	33	3.75	19.6	42
12F RF	UDCon7	Combination	Max	X	0.00131	28	20.5	5	42
12F RF	UDCon7	Combination	Max	Y	0.003215	45	26.8	14.8	42
12F RF	UDCon7	Combination	Min	X	0.0037	11	7	19.6	42
12F RF	UDCon7	Combination	Min	Y	0.002063	33	3.75	19.6	42
12F RF	UDCon8	Combination	Max	X	0.001545	28	20.5	5	42

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
12F RF	UDCon8	Combination	Max	Y	0.003142	45	26.8	14.8	42
12F RF	UDCon8	Combination	Min	X	0.003458	11	7	19.6	42
12F RF	UDCon8	Combination	Min	Y	0.001864	33	3.75	19.6	42
12F RF	UDCon9	Combination	Max	X	0.001591	28	20.5	5	42
12F RF	UDCon9	Combination	Max	Y	0.00313	45	26.8	14.8	42
12F RF	UDCon9	Combination	Min	X	0.0035	11	7	19.6	42
12F RF	UDCon9	Combination	Min	Y	0.001855	33	3.75	19.6	42
12F RF	UDCon10	Combination	Max	X	0.001454	28	20.5	5	42
12F RF	UDCon10	Combination	Max	Y	0.003415	45	26.8	14.8	42
12F RF	UDCon10	Combination	Min	X	0.003843	11	7	19.6	42
12F RF	UDCon10	Combination	Min	Y	0.001884	33	3.75	19.6	42
11F RF	Dead	LinStatic		X	0.000705	11	7	19.6	38.5
11F RF	Dead	LinStatic		Y	0.000811	45	26.8	14.8	38.5
11F RF	Live	LinStatic		X	7.9E-05	11	7	19.6	38.5
11F RF	Live	LinStatic		Y	7.4E-05	45	26.8	14.8	38.5
11F RF	FF	LinStatic		X	0.000428	44	26.8	19.6	38.5
11F RF	FF	LinStatic		Y	0.000518	45	26.8	14.8	38.5
11F RF	PW	LinStatic		X	0.000366	44	26.8	19.6	38.5
11F RF	PW	LinStatic		Y	0.000453	45	26.8	14.8	38.5
11F RF	Earthquake+x	LinStatic		X	0.002966	11	7	19.6	38.5
11F RF	Earthquake+x	LinStatic		Y	0.001246	45	26.8	14.8	38.5
11F RF	Earthquake+y	LinStatic		Y	0.003275	45	26.8	14.8	38.5
11F RF	TH-X Load Case	LinModHist	Max	X	0.001958	33	3.75	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Max	Y	0.001419	45	26.8	14.8	38.5
11F RF	TH-X Load Case	LinModHist	Min	X	0.002223	11	7	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Min	Y	0.001345	45	26.8	14.8	38.5
11F RF	TH-Y Load Case	LinModHist	Max	X	0.002365	11	7	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Max	Y	0.001323	45	26.8	14.8	38.5
11F RF	TH-Y Load Case	LinModHist	Min	X	0.00203	11	7	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Min	Y	0.001615	45	26.8	14.8	38.5
11F RF	UDCon1	Combination		X	0.002022	11	7	19.6	38.5
11F RF	UDCon1	Combination		Y	0.002406	45	26.8	14.8	38.5
11F RF	UDCon2	Combination		X	0.002142	11	7	19.6	38.5
11F RF	UDCon2	Combination		Y	0.002516	45	26.8	14.8	38.5
11F RF	UDCon3	Combination	Max	X	0.00131	50	22.6	5	38.5
11F RF	UDCon3	Combination	Max	Y	0.003224	45	26.8	14.8	38.5
11F RF	UDCon3	Combination	Min	X	0.003745	11	7	19.6	38.5
11F RF	UDCon3	Combination	Min	Y	0.00205	33	3.75	19.6	38.5
11F RF	UDCon4	Combination	Max	X	0.00157	50	22.6	5	38.5
11F RF	UDCon4	Combination	Max	Y	0.003149	45	26.8	14.8	38.5
11F RF	UDCon4	Combination	Min	X	0.003479	11	7	19.6	38.5
11F RF	UDCon4	Combination	Min	Y	0.001851	33	3.75	19.6	38.5
11F RF	UDCon5	Combination	Max	X	0.001597	50	22.6	5	38.5
11F RF	UDCon5	Combination	Max	Y	0.003127	45	26.8	14.8	38.5
11F RF	UDCon5	Combination	Min	X	0.003552	11	7	19.6	38.5

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
11F RF	UDCon5	Combination	Min	Y	0.001847	33	3.75	19.6	38.5
11F RF	UDCon6	Combination	Max	X	0.001486	50	22.6	5	38.5
11F RF	UDCon6	Combination	Max	Y	0.00342	45	26.8	14.8	38.5
11F RF	UDCon6	Combination	Min	X	0.003887	11	7	19.6	38.5
11F RF	UDCon6	Combination	Min	Y	0.001871	33	3.75	19.6	38.5
11F RF	UDCon7	Combination	Max	X	0.001318	50	22.6	5	38.5
11F RF	UDCon7	Combination	Max	Y	0.003201	45	26.8	14.8	38.5
11F RF	UDCon7	Combination	Min	X	0.003721	11	7	19.6	38.5
11F RF	UDCon7	Combination	Min	Y	0.002046	33	3.75	19.6	38.5
11F RF	UDCon8	Combination	Max	X	0.001578	50	22.6	5	38.5
11F RF	UDCon8	Combination	Max	Y	0.003127	45	26.8	14.8	38.5
11F RF	UDCon8	Combination	Min	X	0.003456	11	7	19.6	38.5
11F RF	UDCon8	Combination	Min	Y	0.001847	33	3.75	19.6	38.5
11F RF	UDCon9	Combination	Max	X	0.001605	50	22.6	5	38.5
11F RF	UDCon9	Combination	Max	Y	0.003105	45	26.8	14.8	38.5
11F RF	UDCon9	Combination	Min	X	0.003528	11	7	19.6	38.5
11F RF	UDCon9	Combination	Min	Y	0.001844	33	3.75	19.6	38.5
11F RF	UDCon10	Combination	Max	X	0.001494	50	22.6	5	38.5
11F RF	UDCon10	Combination	Max	Y	0.003398	45	26.8	14.8	38.5
11F RF	UDCon10	Combination	Min	X	0.003863	11	7	19.6	38.5
11F RF	UDCon10	Combination	Min	Y	0.001868	33	3.75	19.6	38.5
10F RF	Dead	LinStatic		X	0.000695	44	26.8	19.6	35
10F RF	Dead	LinStatic		Y	0.000795	45	26.8	14.8	35
10F RF	Live	LinStatic		X	7.8E-05	11	7	19.6	35
10F RF	Live	LinStatic		Y	7.2E-05	45	26.8	14.8	35
10F RF	FF	LinStatic		X	0.000422	44	26.8	19.6	35
10F RF	FF	LinStatic		Y	0.000507	45	26.8	14.8	35
10F RF	PW	LinStatic		X	0.000361	44	26.8	19.6	35
10F RF	PW	LinStatic		Y	0.000443	45	26.8	14.8	35
10F RF	Earthquake+x	LinStatic		X	0.003022	11	7	19.6	35
10F RF	Earthquake+x	LinStatic		Y	0.001252	44	26.8	19.6	35
10F RF	Earthquake+y	LinStatic		Y	0.003277	45	26.8	14.8	35
10F RF	TH-X Load Case	LinModHist	Max	X	0.00196	33	3.75	19.6	35
10F RF	TH-X Load Case	LinModHist	Max	Y	0.00143	45	26.8	14.8	35
10F RF	TH-X Load Case	LinModHist	Min	X	0.002254	11	7	19.6	35
10F RF	TH-X Load Case	LinModHist	Min	Y	0.001356	45	26.8	14.8	35
10F RF	TH-Y Load Case	LinModHist	Max	X	0.002393	11	7	19.6	35
10F RF	TH-Y Load Case	LinModHist	Max	Y	0.001323	45	26.8	14.8	35
10F RF	TH-Y Load Case	LinModHist	Min	X	0.00207	11	7	19.6	35
10F RF	TH-Y Load Case	LinModHist	Min	Y	0.001624	45	26.8	14.8	35
10F RF	UDCon1	Combination		X	0.001994	44	26.8	19.6	35
10F RF	UDCon1	Combination		Y	0.002356	45	26.8	14.8	35
10F RF	UDCon2	Combination		X	0.002111	44	26.8	19.6	35
10F RF	UDCon2	Combination		Y	0.002464	45	26.8	14.8	35
10F RF	UDCon3	Combination	Max	X	0.001314	50	22.6	5	35

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
10F RF	UDCon3	Combination	Max	Y	0.003197	45	26.8	14.8	35
10F RF	UDCon3	Combination	Min	X	0.003753	11	7	19.6	35
10F RF	UDCon3	Combination	Min	Y	0.002029	33	3.75	19.6	35
10F RF	UDCon4	Combination	Max	X	0.001601	50	22.6	5	35
10F RF	UDCon4	Combination	Max	Y	0.003123	45	26.8	14.8	35
10F RF	UDCon4	Combination	Min	X	0.003459	11	7	19.6	35
10F RF	UDCon4	Combination	Min	Y	0.001832	33	3.75	19.6	35
10F RF	UDCon5	Combination	Max	X	0.001604	50	22.6	5	35
10F RF	UDCon5	Combination	Max	Y	0.00309	45	26.8	14.8	35
10F RF	UDCon5	Combination	Min	X	0.003569	11	7	19.6	35
10F RF	UDCon5	Combination	Min	Y	0.001834	33	3.75	19.6	35
10F RF	UDCon6	Combination	Max	X	0.001526	50	22.6	5	35
10F RF	UDCon6	Combination	Max	Y	0.003391	45	26.8	14.8	35
10F RF	UDCon6	Combination	Min	X	0.003893	11	7	19.6	35
10F RF	UDCon6	Combination	Min	Y	0.001852	33	3.75	19.6	35
10F RF	UDCon7	Combination	Max	X	0.001322	50	22.6	5	35
10F RF	UDCon7	Combination	Max	Y	0.003175	45	26.8	14.8	35
10F RF	UDCon7	Combination	Min	X	0.003729	11	7	19.6	35
10F RF	UDCon7	Combination	Min	Y	0.002026	33	3.75	19.6	35
10F RF	UDCon8	Combination	Max	X	0.001608	50	22.6	5	35
10F RF	UDCon8	Combination	Max	Y	0.003101	45	26.8	14.8	35
10F RF	UDCon8	Combination	Min	X	0.003435	11	7	19.6	35
10F RF	UDCon8	Combination	Min	Y	0.001828	33	3.75	19.6	35
10F RF	UDCon9	Combination	Max	X	0.001612	50	22.6	5	35
10F RF	UDCon9	Combination	Max	Y	0.003068	45	26.8	14.8	35
10F RF	UDCon9	Combination	Min	X	0.003546	11	7	19.6	35
10F RF	UDCon9	Combination	Min	Y	0.001831	33	3.75	19.6	35
10F RF	UDCon10	Combination	Max	X	0.001533	50	22.6	5	35
10F RF	UDCon10	Combination	Max	Y	0.003369	45	26.8	14.8	35
10F RF	UDCon10	Combination	Min	X	0.003869	11	7	19.6	35
10F RF	UDCon10	Combination	Min	Y	0.001849	33	3.75	19.6	35
9F RF	Dead	LinStatic		X	0.000684	11	7	19.6	31.5
9F RF	Dead	LinStatic		Y	0.000776	45	26.8	14.8	31.5
9F RF	Live	LinStatic		X	7.6E-05	11	7	19.6	31.5
9F RF	Live	LinStatic		Y	7E-05	45	26.8	14.8	31.5
9F RF	FF	LinStatic		X	0.000415	11	7	19.6	31.5
9F RF	FF	LinStatic		Y	0.000495	43	26.8	5	31.5
9F RF	PW	LinStatic		X	0.000355	11	7	19.6	31.5
9F RF	PW	LinStatic		Y	0.000433	43	26.8	5	31.5
9F RF	Earthquake+x	LinStatic		X	0.003068	33	3.75	19.6	31.5
9F RF	Earthquake+x	LinStatic		Y	0.001259	44	26.8	19.6	31.5
9F RF	Earthquake+y	LinStatic		Y	0.003263	45	26.8	14.8	31.5
9F RF	TH-X Load Case	LinModHist	Max	X	0.001949	33	3.75	19.6	31.5
9F RF	TH-X Load Case	LinModHist	Max	Y	0.001436	45	26.8	14.8	31.5
9F RF	TH-X Load Case	LinModHist	Min	X	0.002274	11	7	19.6	31.5

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
9F RF	TH-X Load Case	LinModHist	Min	Y	0.001364	45	26.8	14.8	31.5
9F RF	TH-Y Load Case	LinModHist	Max	X	0.002411	11	7	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Max	Y	0.00132	45	26.8	14.8	31.5
9F RF	TH-Y Load Case	LinModHist	Min	X	0.002103	11	7	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Min	Y	0.00163	45	26.8	14.8	31.5
9F RF	UDCon1	Combination		X	0.001963	11	7	19.6	31.5
9F RF	UDCon1	Combination		Y	0.0023	43	26.8	5	31.5
9F RF	UDCon2	Combination		X	0.002077	11	7	19.6	31.5
9F RF	UDCon2	Combination		Y	0.002405	43	26.8	5	31.5
9F RF	UDCon3	Combination	Max	X	0.001346	50	22.6	5	31.5
9F RF	UDCon3	Combination	Max	Y	0.003158	45	26.8	14.8	31.5
9F RF	UDCon3	Combination	Min	X	0.003751	11	7	19.6	31.5
9F RF	UDCon3	Combination	Min	Y	0.002007	33	3.75	19.6	31.5
9F RF	UDCon4	Combination	Max	X	0.001632	50	22.6	5	31.5
9F RF	UDCon4	Combination	Max	Y	0.003086	45	26.8	14.8	31.5
9F RF	UDCon4	Combination	Min	X	0.003425	11	7	19.6	31.5
9F RF	UDCon4	Combination	Min	Y	0.001813	33	3.75	19.6	31.5
9F RF	UDCon5	Combination	Max	X	0.001607	50	22.6	5	31.5
9F RF	UDCon5	Combination	Max	Y	0.003043	45	26.8	14.8	31.5
9F RF	UDCon5	Combination	Min	X	0.00358	11	7	19.6	31.5
9F RF	UDCon5	Combination	Min	Y	0.001823	33	3.75	19.6	31.5
9F RF	UDCon6	Combination	Max	X	0.001568	50	22.6	5	31.5
9F RF	UDCon6	Combination	Max	Y	0.003353	45	26.8	14.8	31.5
9F RF	UDCon6	Combination	Min	X	0.003888	11	7	19.6	31.5
9F RF	UDCon6	Combination	Min	Y	0.001833	33	3.75	19.6	31.5
9F RF	UDCon7	Combination	Max	X	0.001354	50	22.6	5	31.5
9F RF	UDCon7	Combination	Max	Y	0.003137	45	26.8	14.8	31.5
9F RF	UDCon7	Combination	Min	X	0.003728	11	7	19.6	31.5
9F RF	UDCon7	Combination	Min	Y	0.002004	33	3.75	19.6	31.5
9F RF	UDCon8	Combination	Max	X	0.001639	50	22.6	5	31.5
9F RF	UDCon8	Combination	Max	Y	0.003065	45	26.8	14.8	31.5
9F RF	UDCon8	Combination	Min	X	0.003402	11	7	19.6	31.5
9F RF	UDCon8	Combination	Min	Y	0.00181	33	3.75	19.6	31.5
9F RF	UDCon9	Combination	Max	X	0.001614	50	22.6	5	31.5
9F RF	UDCon9	Combination	Max	Y	0.003022	45	26.8	14.8	31.5
9F RF	UDCon9	Combination	Min	X	0.003557	11	7	19.6	31.5
9F RF	UDCon9	Combination	Min	Y	0.00182	33	3.75	19.6	31.5
9F RF	UDCon10	Combination	Max	X	0.001576	50	22.6	5	31.5
9F RF	UDCon10	Combination	Max	Y	0.003332	45	26.8	14.8	31.5
9F RF	UDCon10	Combination	Min	X	0.003865	11	7	19.6	31.5
9F RF	UDCon10	Combination	Min	Y	0.00183	33	3.75	19.6	31.5
8F RF	Dead	LinStatic		X	0.000676	11	7	19.6	28
8F RF	Dead	LinStatic		Y	0.000757	43	26.8	5	28
8F RF	Live	LinStatic		X	7.4E-05	11	7	19.6	28
8F RF	Live	LinStatic		Y	6.8E-05	45	26.8	14.8	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	FF	LinStatic		X	0.000412	11	7	19.6	28
8F RF	FF	LinStatic		Y	0.000484	43	26.8	5	28
8F RF	PW	LinStatic		X	0.000353	11	7	19.6	28
8F RF	PW	LinStatic		Y	0.000424	43	26.8	5	28
8F RF	Earthquake+x	LinStatic		X	0.0031	33	3.75	19.6	28
8F RF	Earthquake+x	LinStatic		Y	0.001268	45	26.8	14.8	28
8F RF	Earthquake+y	LinStatic		Y	0.003231	45	26.8	14.8	28
8F RF	TH-X Load Case	LinModHist	Max	X	0.001925	44	26.8	19.6	28
8F RF	TH-X Load Case	LinModHist	Max	Y	0.001435	45	26.8	14.8	28
8F RF	TH-X Load Case	LinModHist	Min	X	0.002283	11	7	19.6	28
8F RF	TH-X Load Case	LinModHist	Min	Y	0.001369	45	26.8	14.8	28
8F RF	TH-Y Load Case	LinModHist	Max	X	0.002416	11	7	19.6	28
8F RF	TH-Y Load Case	LinModHist	Max	Y	0.001315	45	26.8	14.8	28
8F RF	TH-Y Load Case	LinModHist	Min	X	0.002128	33	3.75	19.6	28
8F RF	TH-Y Load Case	LinModHist	Min	Y	0.001632	45	26.8	14.8	28
8F RF	UDCon1	Combination		X	0.001945	11	7	19.6	28
8F RF	UDCon1	Combination		Y	0.002248	43	26.8	5	28
8F RF	UDCon2	Combination		X	0.002056	11	7	19.6	28
8F RF	UDCon2	Combination		Y	0.00235	43	26.8	5	28
8F RF	UDCon3	Combination	Max	X	0.001383	42	24.7	5	28
8F RF	UDCon3	Combination	Max	Y	0.003106	45	26.8	14.8	28
8F RF	UDCon3	Combination	Min	X	0.003746	11	7	19.6	28
8F RF	UDCon3	Combination	Min	Y	0.001988	33	3.75	19.6	28
8F RF	UDCon4	Combination	Max	X	0.001666	42	24.7	5	28
8F RF	UDCon4	Combination	Max	Y	0.00304	45	26.8	14.8	28
8F RF	UDCon4	Combination	Min	X	0.003386	11	7	19.6	28
8F RF	UDCon4	Combination	Min	Y	0.001798	33	3.75	19.6	28
8F RF	UDCon5	Combination	Max	X	0.001614	42	24.7	5	28
8F RF	UDCon5	Combination	Max	Y	0.002986	45	26.8	14.8	28
8F RF	UDCon5	Combination	Min	X	0.00359	11	7	19.6	28
8F RF	UDCon5	Combination	Min	Y	0.001816	33	3.75	19.6	28
8F RF	UDCon6	Combination	Max	X	0.001615	42	24.7	5	28
8F RF	UDCon6	Combination	Max	Y	0.003303	45	26.8	14.8	28
8F RF	UDCon6	Combination	Min	X	0.003878	11	7	19.6	28
8F RF	UDCon6	Combination	Min	Y	0.001818	33	3.75	19.6	28
8F RF	UDCon7	Combination	Max	X	0.00139	42	24.7	5	28
8F RF	UDCon7	Combination	Max	Y	0.003085	45	26.8	14.8	28
8F RF	UDCon7	Combination	Min	X	0.003724	11	7	19.6	28
8F RF	UDCon7	Combination	Min	Y	0.001984	33	3.75	19.6	28
8F RF	UDCon8	Combination	Max	X	0.001673	42	24.7	5	28
8F RF	UDCon8	Combination	Max	Y	0.003019	45	26.8	14.8	28
8F RF	UDCon8	Combination	Min	X	0.003364	11	7	19.6	28
8F RF	UDCon8	Combination	Min	Y	0.001794	33	3.75	19.6	28
8F RF	UDCon9	Combination	Max	X	0.001621	42	24.7	5	28
8F RF	UDCon9	Combination	Max	Y	0.002966	45	26.8	14.8	28

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
8F RF	UDCon9	Combination	Min	X	0.003568	11	7	19.6	28
8F RF	UDCon9	Combination	Min	Y	0.001813	33	3.75	19.6	28
8F RF	UDCon10	Combination	Max	X	0.001622	42	24.7	5	28
8F RF	UDCon10	Combination	Max	Y	0.003283	45	26.8	14.8	28
8F RF	UDCon10	Combination	Min	X	0.003856	11	7	19.6	28
8F RF	UDCon10	Combination	Min	Y	0.001814	33	3.75	19.6	28
7F RF	Dead	LinStatic		X	0.000675	11	7	19.6	24.5
7F RF	Dead	LinStatic		Y	0.000741	43	26.8	5	24.5
7F RF	Live	LinStatic		X	7.2E-05	11	7	19.6	24.5
7F RF	Live	LinStatic		Y	6.6E-05	43	26.8	5	24.5
7F RF	FF	LinStatic		X	0.000414	11	7	19.6	24.5
7F RF	FF	LinStatic		Y	0.000475	43	26.8	5	24.5
7F RF	PW	LinStatic		X	0.000357	11	7	19.6	24.5
7F RF	PW	LinStatic		Y	0.000417	43	26.8	5	24.5
7F RF	Earthquake+x	LinStatic		X	0.003114	33	3.75	19.6	24.5
7F RF	Earthquake+x	LinStatic		Y	0.001277	45	26.8	14.8	24.5
7F RF	Earthquake+y	LinStatic		Y	0.003179	45	26.8	14.8	24.5
7F RF	TH-X Load Case	LinModHist	Max	X	0.001894	44	26.8	19.6	24.5
7F RF	TH-X Load Case	LinModHist	Max	Y	0.001427	45	26.8	14.8	24.5
7F RF	TH-X Load Case	LinModHist	Min	X	0.002278	33	3.75	19.6	24.5
7F RF	TH-X Load Case	LinModHist	Min	Y	0.00137	45	26.8	14.8	24.5
7F RF	TH-Y Load Case	LinModHist	Max	X	0.002407	33	3.75	19.6	24.5
7F RF	TH-Y Load Case	LinModHist	Max	Y	0.001303	45	26.8	14.8	24.5
7F RF	TH-Y Load Case	LinModHist	Min	X	0.00214	33	3.75	19.6	24.5
7F RF	TH-Y Load Case	LinModHist	Min	Y	0.00163	45	26.8	14.8	24.5
7F RF	UDCon1	Combination		X	0.001952	11	7	19.6	24.5
7F RF	UDCon1	Combination		Y	0.002204	43	26.8	5	24.5
7F RF	UDCon2	Combination		X	0.002061	11	7	19.6	24.5
7F RF	UDCon2	Combination		Y	0.002303	43	26.8	5	24.5
7F RF	UDCon3	Combination	Max	X	0.001422	42	24.7	5	24.5
7F RF	UDCon3	Combination	Max	Y	0.003042	43	26.8	5	24.5
7F RF	UDCon3	Combination	Min	X	0.003746	11	7	19.6	24.5
7F RF	UDCon3	Combination	Min	Y	0.001976	33	3.75	19.6	24.5
7F RF	UDCon4	Combination	Max	X	0.001704	42	24.7	5	24.5
7F RF	UDCon4	Combination	Max	Y	0.002984	43	26.8	5	24.5
7F RF	UDCon4	Combination	Min	X	0.003352	11	7	19.6	24.5
7F RF	UDCon4	Combination	Min	Y	0.001792	33	3.75	19.6	24.5
7F RF	UDCon5	Combination	Max	X	0.001649	42	24.7	5	24.5
7F RF	UDCon5	Combination	Max	Y	0.002925	43	26.8	5	24.5
7F RF	UDCon5	Combination	Min	X	0.003608	11	7	19.6	24.5
7F RF	UDCon5	Combination	Min	Y	0.001821	33	3.75	19.6	24.5
7F RF	UDCon6	Combination	Max	X	0.001666	42	24.7	5	24.5
7F RF	UDCon6	Combination	Max	Y	0.00324	45	26.8	14.8	24.5
7F RF	UDCon6	Combination	Min	X	0.003874	11	7	19.6	24.5
7F RF	UDCon6	Combination	Min	Y	0.001811	33	3.75	19.6	24.5

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
7F RF	UDCon7	Combination	Max	X	0.001429	42	24.7	5	24.5
7F RF	UDCon7	Combination	Max	Y	0.003022	43	26.8	5	24.5
7F RF	UDCon7	Combination	Min	X	0.003725	11	7	19.6	24.5
7F RF	UDCon7	Combination	Min	Y	0.001972	33	3.75	19.6	24.5
7F RF	UDCon8	Combination	Max	X	0.001711	42	24.7	5	24.5
7F RF	UDCon8	Combination	Max	Y	0.002964	43	26.8	5	24.5
7F RF	UDCon8	Combination	Min	X	0.003331	11	7	19.6	24.5
7F RF	UDCon8	Combination	Min	Y	0.001788	33	3.75	19.6	24.5
7F RF	UDCon9	Combination	Max	X	0.001655	42	24.7	5	24.5
7F RF	UDCon9	Combination	Max	Y	0.002905	43	26.8	5	24.5
7F RF	UDCon9	Combination	Min	X	0.003586	11	7	19.6	24.5
7F RF	UDCon9	Combination	Min	Y	0.001817	33	3.75	19.6	24.5
7F RF	UDCon10	Combination	Max	X	0.001673	42	24.7	5	24.5
7F RF	UDCon10	Combination	Max	Y	0.00322	45	26.8	14.8	24.5
7F RF	UDCon10	Combination	Min	X	0.003853	11	7	19.6	24.5
7F RF	UDCon10	Combination	Min	Y	0.001808	33	3.75	19.6	24.5
6F RF	Dead	LinStatic		X	0.000684	33	3.75	19.6	21
6F RF	Dead	LinStatic		Y	0.000727	43	26.8	5	21
6F RF	Live	LinStatic		X	7.1E-05	11	7	19.6	21
6F RF	Live	LinStatic		Y	6.4E-05	43	26.8	5	21
6F RF	FF	LinStatic		X	0.000426	33	3.75	19.6	21
6F RF	FF	LinStatic		Y	0.000469	43	26.8	5	21
6F RF	PW	LinStatic		X	0.00037	33	3.75	19.6	21
6F RF	PW	LinStatic		Y	0.000412	43	26.8	5	21
6F RF	Earthquake+x	LinStatic		X	0.003122	44	26.8	19.6	21
6F RF	Earthquake+x	LinStatic		Y	0.001286	45	26.8	14.8	21
6F RF	Earthquake+y	LinStatic		Y	0.003102	45	26.8	14.8	21
6F RF	TH-X Load Case	LinModHist	Max	X	0.001852	44	26.8	19.6	21
6F RF	TH-X Load Case	LinModHist	Max	Y	0.001409	45	26.8	14.8	21
6F RF	TH-X Load Case	LinModHist	Min	X	0.002269	44	26.8	19.6	21
6F RF	TH-X Load Case	LinModHist	Min	Y	0.001364	45	26.8	14.8	21
6F RF	TH-Y Load Case	LinModHist	Max	X	0.002393	44	26.8	19.6	21
6F RF	TH-Y Load Case	LinModHist	Max	Y	0.001282	45	26.8	14.8	21
6F RF	TH-Y Load Case	LinModHist	Min	X	0.002148	44	26.8	19.6	21
6F RF	TH-Y Load Case	LinModHist	Min	Y	0.001619	45	26.8	14.8	21
6F RF	UDCon1	Combination		X	0.001998	33	3.75	19.6	21
6F RF	UDCon1	Combination		Y	0.002172	43	26.8	5	21
6F RF	UDCon2	Combination		X	0.002104	33	3.75	19.6	21
6F RF	UDCon2	Combination		Y	0.002268	43	26.8	5	21
6F RF	UDCon3	Combination	Max	X	0.001447	42	24.7	5	21
6F RF	UDCon3	Combination	Max	Y	0.002994	43	26.8	5	21
6F RF	UDCon3	Combination	Min	X	0.00376	33	3.75	19.6	21
6F RF	UDCon3	Combination	Min	Y	0.001977	33	3.75	19.6	21
6F RF	UDCon4	Combination	Max	X	0.001722	42	24.7	5	21
6F RF	UDCon4	Combination	Max	Y	0.002946	43	26.8	5	21

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
6F RF	UDCon4	Combination	Min	X	0.003334	33	3.75	19.6	21
6F RF	UDCon4	Combination	Min	Y	0.0018	33	3.75	19.6	21
6F RF	UDCon5	Combination	Max	X	0.001665	42	24.7	5	21
6F RF	UDCon5	Combination	Max	Y	0.002873	43	26.8	5	21
6F RF	UDCon5	Combination	Min	X	0.003639	33	3.75	19.6	21
6F RF	UDCon5	Combination	Min	Y	0.001842	33	3.75	19.6	21
6F RF	UDCon6	Combination	Max	X	0.001697	42	24.7	5	21
6F RF	UDCon6	Combination	Max	Y	0.00319	43	26.8	5	21
6F RF	UDCon6	Combination	Min	X	0.003883	33	3.75	19.6	21
6F RF	UDCon6	Combination	Min	Y	0.001818	33	3.75	19.6	21
6F RF	UDCon7	Combination	Max	X	0.001453	42	24.7	5	21
6F RF	UDCon7	Combination	Max	Y	0.002975	43	26.8	5	21
6F RF	UDCon7	Combination	Min	X	0.003738	33	3.75	19.6	21
6F RF	UDCon7	Combination	Min	Y	0.001973	33	3.75	19.6	21
6F RF	UDCon8	Combination	Max	X	0.001728	42	24.7	5	21
6F RF	UDCon8	Combination	Max	Y	0.002927	43	26.8	5	21
6F RF	UDCon8	Combination	Min	X	0.003313	33	3.75	19.6	21
6F RF	UDCon8	Combination	Min	Y	0.001796	33	3.75	19.6	21
6F RF	UDCon9	Combination	Max	X	0.001671	42	24.7	5	21
6F RF	UDCon9	Combination	Max	Y	0.002854	43	26.8	5	21
6F RF	UDCon9	Combination	Min	X	0.003618	33	3.75	19.6	21
6F RF	UDCon9	Combination	Min	Y	0.001838	33	3.75	19.6	21
6F RF	UDCon10	Combination	Max	X	0.001703	42	24.7	5	21
6F RF	UDCon10	Combination	Max	Y	0.00317	43	26.8	5	21
6F RF	UDCon10	Combination	Min	X	0.003862	33	3.75	19.6	21
6F RF	UDCon10	Combination	Min	Y	0.001815	33	3.75	19.6	21
5F RF	Dead	LinStatic		X	0.000704	33	3.75	19.6	17.5
5F RF	Dead	LinStatic		Y	0.00071	43	26.8	5	17.5
5F RF	Live	LinStatic		X	7E-05	33	3.75	19.6	17.5
5F RF	Live	LinStatic		Y	6.2E-05	43	26.8	5	17.5
5F RF	FF	LinStatic		X	0.000447	33	3.75	19.6	17.5
5F RF	FF	LinStatic		Y	0.00046	43	26.8	5	17.5
5F RF	PW	LinStatic		X	0.000392	33	3.75	19.6	17.5
5F RF	PW	LinStatic		Y	0.000405	43	26.8	5	17.5
5F RF	Earthquake+x	LinStatic		X	0.003129	44	26.8	19.6	17.5
5F RF	Earthquake+x	LinStatic		Y	0.001292	45	26.8	14.8	17.5
5F RF	Earthquake+y	LinStatic		Y	0.002985	45	26.8	14.8	17.5
5F RF	TH-X Load Case	LinModHist	Max	X	0.001806	44	26.8	19.6	17.5
5F RF	TH-X Load Case	LinModHist	Max	Y	0.001375	45	26.8	14.8	17.5
5F RF	TH-X Load Case	LinModHist	Min	X	0.002258	44	26.8	19.6	17.5
5F RF	TH-X Load Case	LinModHist	Min	Y	0.001348	45	26.8	14.8	17.5
5F RF	TH-Y Load Case	LinModHist	Max	X	0.002377	44	26.8	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Max	Y	0.001254	45	26.8	14.8	17.5
5F RF	TH-Y Load Case	LinModHist	Min	X	0.002156	44	26.8	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Min	Y	0.001594	45	26.8	14.8	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	UDCon1	Combination		X	0.002082	33	3.75	19.6	17.5
5F RF	UDCon1	Combination		Y	0.002127	43	26.8	5	17.5
5F RF	UDCon2	Combination		X	0.002186	33	3.75	19.6	17.5
5F RF	UDCon2	Combination		Y	0.00222	43	26.8	5	17.5
5F RF	UDCon3	Combination	Max	X	0.001434	42	24.7	5	17.5
5F RF	UDCon3	Combination	Max	Y	0.002929	43	26.8	5	17.5
5F RF	UDCon3	Combination	Min	X	0.003783	33	3.75	19.6	17.5
5F RF	UDCon3	Combination	Min	Y	0.001985	33	3.75	19.6	17.5
5F RF	UDCon4	Combination	Max	X	0.001671	42	24.7	5	17.5
5F RF	UDCon4	Combination	Max	Y	0.002893	43	26.8	5	17.5
5F RF	UDCon4	Combination	Min	X	0.003331	33	3.75	19.6	17.5
5F RF	UDCon4	Combination	Min	Y	0.001815	33	3.75	19.6	17.5
5F RF	UDCon5	Combination	Max	X	0.001613	42	24.7	5	17.5
5F RF	UDCon5	Combination	Max	Y	0.002804	43	26.8	5	17.5
5F RF	UDCon5	Combination	Min	X	0.00368	33	3.75	19.6	17.5
5F RF	UDCon5	Combination	Min	Y	0.001869	33	3.75	19.6	17.5
5F RF	UDCon6	Combination	Max	X	0.001658	42	24.7	5	17.5
5F RF	UDCon6	Combination	Max	Y	0.00313	43	26.8	5	17.5
5F RF	UDCon6	Combination	Min	X	0.003901	33	3.75	19.6	17.5
5F RF	UDCon6	Combination	Min	Y	0.001832	33	3.75	19.6	17.5
5F RF	UDCon7	Combination	Max	X	0.00144	42	24.7	5	17.5
5F RF	UDCon7	Combination	Max	Y	0.00291	43	26.8	5	17.5
5F RF	UDCon7	Combination	Min	X	0.003762	33	3.75	19.6	17.5
5F RF	UDCon7	Combination	Min	Y	0.001981	33	3.75	19.6	17.5
5F RF	UDCon8	Combination	Max	X	0.001677	42	24.7	5	17.5
5F RF	UDCon8	Combination	Max	Y	0.002875	43	26.8	5	17.5
5F RF	UDCon8	Combination	Min	X	0.00331	33	3.75	19.6	17.5
5F RF	UDCon8	Combination	Min	Y	0.001811	33	3.75	19.6	17.5
5F RF	UDCon9	Combination	Max	X	0.001619	42	24.7	5	17.5
5F RF	UDCon9	Combination	Max	Y	0.002785	43	26.8	5	17.5
5F RF	UDCon9	Combination	Min	X	0.00366	33	3.75	19.6	17.5
5F RF	UDCon9	Combination	Min	Y	0.001865	33	3.75	19.6	17.5
5F RF	UDCon10	Combination	Max	X	0.001664	42	24.7	5	17.5
5F RF	UDCon10	Combination	Max	Y	0.003112	43	26.8	5	17.5
5F RF	UDCon10	Combination	Min	X	0.00388	33	3.75	19.6	17.5
5F RF	UDCon10	Combination	Min	Y	0.001828	33	3.75	19.6	17.5
4F RF	Dead	LinStatic		X	0.000723	33	3.75	19.6	14
4F RF	Dead	LinStatic		Y	0.000866	43	26.8	5	14
4F RF	Live	LinStatic		X	6.8E-05	33	3.75	19.6	14
4F RF	Live	LinStatic		Y	6.9E-05	43	26.8	5	14
4F RF	FF	LinStatic		X	0.000468	33	3.75	19.6	14
4F RF	FF	LinStatic		Y	0.000591	43	26.8	5	14
4F RF	PW	LinStatic		X	0.000415	33	3.75	19.6	14
4F RF	PW	LinStatic		Y	0.000532	43	26.8	5	14
4F RF	Earthquake+x	LinStatic		X	0.003152	44	26.8	19.6	14

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
4F RF	Earthquake+x	LinStatic		Y	0.001286	44	26.8	19.6	14
4F RF	Earthquake+y	LinStatic		X	0.000513	33	3.75	19.6	14
4F RF	Earthquake+y	LinStatic		Y	0.002811	45	26.8	14.8	14
4F RF	TH-X Load Case	LinModHist	Max	X	0.001796	44	26.8	19.6	14
4F RF	TH-X Load Case	LinModHist	Max	Y	0.001316	45	26.8	14.8	14
4F RF	TH-X Load Case	LinModHist	Min	X	0.00226	44	26.8	19.6	14
4F RF	TH-X Load Case	LinModHist	Min	Y	0.001309	44	26.8	19.6	14
4F RF	TH-Y Load Case	LinModHist	Max	X	0.002373	44	26.8	19.6	14
4F RF	TH-Y Load Case	LinModHist	Max	Y	0.001223	44	26.8	19.6	14
4F RF	TH-Y Load Case	LinModHist	Min	X	0.002177	44	26.8	19.6	14
4F RF	TH-Y Load Case	LinModHist	Min	Y	0.00154	44	26.8	19.6	14
4F RF	UDCon1	Combination		X	0.002168	33	3.75	19.6	14
4F RF	UDCon1	Combination		Y	0.002684	43	26.8	5	14
4F RF	UDCon2	Combination		X	0.00227	33	3.75	19.6	14
4F RF	UDCon2	Combination		Y	0.002788	43	26.8	5	14
4F RF	UDCon3	Combination	Max	X	0.001227	43	26.8	5	14
4F RF	UDCon3	Combination	Max	Y	0.003314	43	26.8	5	14
4F RF	UDCon3	Combination	Min	X	0.003786	33	3.75	19.6	14
4F RF	UDCon3	Combination	Min	Y	0.001904	33	3.75	19.6	14
4F RF	UDCon4	Combination	Max	X	0.00142	43	26.8	5	14
4F RF	UDCon4	Combination	Max	Y	0.003281	43	26.8	5	14
4F RF	UDCon4	Combination	Min	X	0.003356	33	3.75	19.6	14
4F RF	UDCon4	Combination	Min	Y	0.001736	33	3.75	19.6	14
4F RF	UDCon5	Combination	Max	X	0.001363	43	26.8	5	14
4F RF	UDCon5	Combination	Max	Y	0.003186	43	26.8	5	14
4F RF	UDCon5	Combination	Min	X	0.003702	33	3.75	19.6	14
4F RF	UDCon5	Combination	Min	Y	0.001795	33	3.75	19.6	14
4F RF	UDCon6	Combination	Max	X	0.001423	43	26.8	5	14
4F RF	UDCon6	Combination	Max	Y	0.003501	43	26.8	5	14
4F RF	UDCon6	Combination	Min	X	0.003901	33	3.75	19.6	14
4F RF	UDCon6	Combination	Min	Y	0.001753	33	3.75	19.6	14
4F RF	UDCon7	Combination	Max	X	0.001233	43	26.8	5	14
4F RF	UDCon7	Combination	Max	Y	0.003294	43	26.8	5	14
4F RF	UDCon7	Combination	Min	X	0.003766	33	3.75	19.6	14
4F RF	UDCon7	Combination	Min	Y	0.0019	33	3.75	19.6	14
4F RF	UDCon8	Combination	Max	X	0.001426	43	26.8	5	14
4F RF	UDCon8	Combination	Max	Y	0.00326	43	26.8	5	14
4F RF	UDCon8	Combination	Min	X	0.003335	33	3.75	19.6	14
4F RF	UDCon8	Combination	Min	Y	0.001732	33	3.75	19.6	14
4F RF	UDCon9	Combination	Max	X	0.001369	43	26.8	5	14
4F RF	UDCon9	Combination	Max	Y	0.003165	43	26.8	5	14
4F RF	UDCon9	Combination	Min	X	0.003682	33	3.75	19.6	14
4F RF	UDCon9	Combination	Min	Y	0.001791	33	3.75	19.6	14
4F RF	UDCon10	Combination	Max	X	0.001429	43	26.8	5	14
4F RF	UDCon10	Combination	Max	Y	0.00348	43	26.8	5	14

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
4F RF	UDCon10	Combination	Min	X	0.00388	33	3.75	19.6	14
4F RF	UDCon10	Combination	Min	Y	0.001748	33	3.75	19.6	14
3F RF	Dead	LinStatic		X	0.000875	45	26.8	14.8	10.5
3F RF	Dead	LinStatic		Y	0.00067	48	26.8	12	10.5
3F RF	Live	LinStatic		X	7.2E-05	45	26.8	14.8	10.5
3F RF	Live	LinStatic		Y	5.7E-05	48	26.8	12	10.5
3F RF	FF	LinStatic		X	0.000609	45	26.8	14.8	10.5
3F RF	FF	LinStatic		Y	0.000438	48	26.8	12	10.5
3F RF	PW	LinStatic		X	0.000555	45	26.8	14.8	10.5
3F RF	PW	LinStatic		Y	0.000388	48	26.8	12	10.5
3F RF	Earthquake+x	LinStatic		X	0.003264	44	26.8	19.6	10.5
3F RF	Earthquake+x	LinStatic		Y	0.001269	45	26.8	14.8	10.5
3F RF	Earthquake+y	LinStatic		X	0.000618	44	26.8	19.6	10.5
3F RF	Earthquake+y	LinStatic		Y	0.002632	48	26.8	12	10.5
3F RF	TH-X Load Case	LinModHist	Max	X	0.001858	44	26.8	19.6	10.5
3F RF	TH-X Load Case	LinModHist	Max	Y	0.001238	48	26.8	12	10.5
3F RF	TH-X Load Case	LinModHist	Min	X	0.002329	44	26.8	19.6	10.5
3F RF	TH-X Load Case	LinModHist	Min	Y	0.001242	45	26.8	14.8	10.5
3F RF	TH-Y Load Case	LinModHist	Max	X	0.002435	44	26.8	19.6	10.5
3F RF	TH-Y Load Case	LinModHist	Max	Y	0.001158	43	26.8	5	10.5
3F RF	TH-Y Load Case	LinModHist	Min	X	0.00228	44	26.8	19.6	10.5
3F RF	TH-Y Load Case	LinModHist	Min	Y	0.001453	43	26.8	5	10.5
3F RF	UDCon1	Combination		X	0.002752	45	26.8	14.8	10.5
3F RF	UDCon1	Combination		Y	0.002018	48	26.8	12	10.5
3F RF	UDCon2	Combination		X	0.00286	45	26.8	14.8	10.5
3F RF	UDCon2	Combination		Y	0.002104	48	26.8	12	10.5
3F RF	UDCon3	Combination	Max	X	0.001228	26	11.4	5	10.5
3F RF	UDCon3	Combination	Max	Y	0.002751	48	26.8	12	10.5
3F RF	UDCon3	Combination	Min	X	0.004069	44	26.8	19.6	10.5
3F RF	UDCon3	Combination	Min	Y	0.001789	45	26.8	14.8	10.5
3F RF	UDCon4	Combination	Max	X	0.001389	26	11.4	5	10.5
3F RF	UDCon4	Combination	Max	Y	0.002727	48	26.8	12	10.5
3F RF	UDCon4	Combination	Min	X	0.003598	44	26.8	19.6	10.5
3F RF	UDCon4	Combination	Min	Y	0.001756	45	26.8	14.8	10.5
3F RF	UDCon5	Combination	Max	X	0.001331	26	11.4	5	10.5
3F RF	UDCon5	Combination	Max	Y	0.002633	48	26.8	12	10.5
3F RF	UDCon5	Combination	Min	X	0.00402	44	26.8	19.6	10.5
3F RF	UDCon5	Combination	Min	Y	0.001987	45	26.8	14.8	10.5
3F RF	UDCon6	Combination	Max	X	0.001397	26	11.4	5	10.5
3F RF	UDCon6	Combination	Max	Y	0.002932	48	26.8	12	10.5
3F RF	UDCon6	Combination	Min	X	0.004175	44	26.8	19.6	10.5
3F RF	UDCon6	Combination	Min	Y	0.001704	45	26.8	14.8	10.5
3F RF	UDCon7	Combination	Max	X	0.001233	26	11.4	5	10.5
3F RF	UDCon7	Combination	Max	Y	0.002734	48	26.8	12	10.5
3F RF	UDCon7	Combination	Min	X	0.004048	44	26.8	19.6	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	Min	Y	0.001793	45	26.8	14.8	10.5
3F RF	UDCon8	Combination	Max	X	0.001395	26	11.4	5	10.5
3F RF	UDCon8	Combination	Max	Y	0.00271	48	26.8	12	10.5
3F RF	UDCon8	Combination	Min	X	0.003577	44	26.8	19.6	10.5
3F RF	UDCon8	Combination	Min	Y	0.001761	45	26.8	14.8	10.5
3F RF	UDCon9	Combination	Max	X	0.001337	26	11.4	5	10.5
3F RF	UDCon9	Combination	Max	Y	0.002616	48	26.8	12	10.5
3F RF	UDCon9	Combination	Min	X	0.003999	44	26.8	19.6	10.5
3F RF	UDCon9	Combination	Min	Y	0.001991	45	26.8	14.8	10.5
3F RF	UDCon10	Combination	Max	X	0.001402	26	11.4	5	10.5
3F RF	UDCon10	Combination	Max	Y	0.002915	48	26.8	12	10.5
3F RF	UDCon10	Combination	Min	X	0.004154	44	26.8	19.6	10.5
3F RF	UDCon10	Combination	Min	Y	0.001708	45	26.8	14.8	10.5
2F RF	Dead	LinStatic		X	0.001458	6	20.5	19.6	7
2F RF	Dead	LinStatic		Y	0.00159	43	26.8	5	7
2F RF	Live	LinStatic		X	0.000106	6	20.5	19.6	7
2F RF	Live	LinStatic		Y	9.9E-05	43	26.8	5	7
2F RF	FF	LinStatic		X	0.001043	6	20.5	19.6	7
2F RF	FF	LinStatic		Y	0.001202	43	26.8	5	7
2F RF	PW	LinStatic		X	0.000961	6	20.5	19.6	7
2F RF	PW	LinStatic		Y	0.001124	43	26.8	5	7
2F RF	Earthquake+x	LinStatic		X	0.003801	6	20.5	19.6	7
2F RF	Earthquake+y	LinStatic		Y	0.002595	43	26.8	5	7
2F RF	TH-X Load Case	LinModHist	Max	X	0.002273	6	20.5	19.6	7
2F RF	TH-X Load Case	LinModHist	Max	Y	0.001236	43	26.8	5	7
2F RF	TH-X Load Case	LinModHist	Min	X	0.002665	6	20.5	19.6	7
2F RF	TH-X Load Case	LinModHist	Min	Y	0.001162	48	26.8	12	7
2F RF	TH-Y Load Case	LinModHist	Max	X	0.002785	6	20.5	19.6	7
2F RF	TH-Y Load Case	LinModHist	Max	Y	0.001118	43	26.8	5	7
2F RF	TH-Y Load Case	LinModHist	Min	X	0.002775	6	20.5	19.6	7
2F RF	TH-Y Load Case	LinModHist	Min	Y	0.00133	48	26.8	12	7
2F RF	UDCon1	Combination		X	0.004674	6	20.5	19.6	7
2F RF	UDCon1	Combination		Y	0.005286	43	26.8	5	7
2F RF	UDCon2	Combination		X	0.004834	6	20.5	19.6	7
2F RF	UDCon2	Combination		Y	0.005434	43	26.8	5	7
2F RF	UDCon3	Combination	Max	Y	0.005181	43	26.8	5	7
2F RF	UDCon3	Combination	Min	X	0.006159	6	20.5	19.6	7
2F RF	UDCon4	Combination	Max	Y	0.005058	43	26.8	5	7
2F RF	UDCon4	Combination	Min	X	0.005767	6	20.5	19.6	7
2F RF	UDCon5	Combination	Max	Y	0.005063	43	26.8	5	7
2F RF	UDCon5	Combination	Min	X	0.006269	6	20.5	19.6	7
2F RF	UDCon6	Combination	Max	Y	0.005152	43	26.8	5	7
2F RF	UDCon6	Combination	Min	X	0.006279	6	20.5	19.6	7
2F RF	UDCon7	Combination	Max	Y	0.005151	43	26.8	5	7
2F RF	UDCon7	Combination	Min	X	0.006128	6	20.5	19.6	7

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
2F RF	UDCon8	Combination	Max	Y	0.005028	43	26.8	5	7
2F RF	UDCon8	Combination	Min	X	0.005735	6	20.5	19.6	7
2F RF	UDCon9	Combination	Max	Y	0.005034	43	26.8	5	7
2F RF	UDCon9	Combination	Min	X	0.006237	6	20.5	19.6	7
2F RF	UDCon10	Combination	Max	Y	0.005122	43	26.8	5	7
2F RF	UDCon10	Combination	Min	X	0.006247	6	20.5	19.6	7
1F RF	Dead	LinStatic		X	0.005447	40	3.75	5	3.5
1F RF	Dead	LinStatic		Y	0.009965	32	11.4	19.6	3.5
1F RF	Live	LinStatic		X	0.000344	40	3.75	5	3.5
1F RF	Live	LinStatic		Y	0.001337	32	11.4	19.6	3.5
1F RF	FF	LinStatic		X	0.004182	40	3.75	5	3.5
1F RF	FF	LinStatic		Y	0.006129	32	11.4	19.6	3.5
1F RF	PW	LinStatic		X	0.003926	40	3.75	5	3.5
1F RF	PW	LinStatic		Y	0.005133	32	11.4	19.6	3.5
1F RF	Earthquake+x	LinStatic		X	0.006383	43	26.8	5	3.5
1F RF	Earthquake+x	LinStatic		Y	0.004413	31	15.8	19.6	3.5
1F RF	Earthquake+y	LinStatic		X	0.003423	33	3.75	19.6	3.5
1F RF	Earthquake+y	LinStatic		Y	0.002348	57	22.6	5.35	3.5
1F RF	TH-X Load Case	LinModHist	Max	X	0.004341	43	26.8	5	3.5
1F RF	TH-X Load Case	LinModHist	Max	Y	0.003264	31	15.8	19.6	3.5
1F RF	TH-X Load Case	LinModHist	Min	X	0.004679	43	26.8	5	3.5
1F RF	TH-X Load Case	LinModHist	Min	Y	0.002908	31	15.8	19.6	3.5
1F RF	TH-Y Load Case	LinModHist	Max	X	0.005349	43	26.8	5	3.5
1F RF	TH-Y Load Case	LinModHist	Max	Y	0.003566	31	15.8	19.6	3.5
1F RF	TH-Y Load Case	LinModHist	Min	X	0.005066	43	26.8	5	3.5
1F RF	TH-Y Load Case	LinModHist	Min	Y	0.00373	31	15.8	19.6	3.5
1F RF	UDCon1	Combination		X	0.018298	40	3.75	5	3.5
1F RF	UDCon1	Combination		Y	0.028657	32	11.4	19.6	3.5
1F RF	UDCon2	Combination		X	0.018813	40	3.75	5	3.5
1F RF	UDCon2	Combination		Y	0.030663	32	11.4	19.6	3.5
1F RF	UDCon3	Combination	Max	X	0.009497	40	3.75	5	3.5
1F RF	UDCon3	Combination	Max	Y	0.019501	32	11.4	19.6	3.5
1F RF	UDCon3	Combination	Min	X	0.01802	40	3.75	5	3.5
1F RF	UDCon3	Combination	Min	Y	0.024287	32	11.4	19.6	3.5
1F RF	UDCon4	Combination	Max	X	0.009294	40	3.75	5	3.5
1F RF	UDCon4	Combination	Max	Y	0.01897	32	11.4	19.6	3.5
1F RF	UDCon4	Combination	Min	X	0.017818	40	3.75	5	3.5
1F RF	UDCon4	Combination	Min	Y	0.023755	32	11.4	19.6	3.5
1F RF	UDCon5	Combination	Max	X	0.008726	40	3.75	5	3.5
1F RF	UDCon5	Combination	Max	Y	0.019063	32	11.4	19.6	3.5
1F RF	UDCon5	Combination	Min	X	0.018396	40	3.75	5	3.5
1F RF	UDCon5	Combination	Min	Y	0.024112	32	11.4	19.6	3.5
1F RF	UDCon6	Combination	Max	X	0.008919	40	3.75	5	3.5
1F RF	UDCon6	Combination	Max	Y	0.019145	32	11.4	19.6	3.5
1F RF	UDCon6	Combination	Min	X	0.018588	40	3.75	5	3.5

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
1F RF	UDCon6	Combination	Min	Y	0.024193	32	11.4	19.6	3.5
1F RF	UDCon7	Combination	Max	X	0.009394	40	3.75	5	3.5
1F RF	UDCon7	Combination	Max	Y	0.0191	32	11.4	19.6	3.5
1F RF	UDCon7	Combination	Min	X	0.017917	40	3.75	5	3.5
1F RF	UDCon7	Combination	Min	Y	0.023886	32	11.4	19.6	3.5
1F RF	UDCon8	Combination	Max	X	0.009191	40	3.75	5	3.5
1F RF	UDCon8	Combination	Max	Y	0.018568	32	11.4	19.6	3.5
1F RF	UDCon8	Combination	Min	X	0.017715	40	3.75	5	3.5
1F RF	UDCon8	Combination	Min	Y	0.023354	32	11.4	19.6	3.5
1F RF	UDCon9	Combination	Max	X	0.008623	40	3.75	5	3.5
1F RF	UDCon9	Combination	Max	Y	0.018662	32	11.4	19.6	3.5
1F RF	UDCon9	Combination	Min	X	0.018293	40	3.75	5	3.5
1F RF	UDCon9	Combination	Min	Y	0.023711	32	11.4	19.6	3.5
1F RF	UDCon10	Combination	Max	X	0.008815	40	3.75	5	3.5
1F RF	UDCon10	Combination	Max	Y	0.018744	32	11.4	19.6	3.5
1F RF	UDCon10	Combination	Min	X	0.018485	40	3.75	5	3.5
1F RF	UDCon10	Combination	Min	Y	0.023792	32	11.4	19.6	3.5

Table 3.8 - Story Forces (Part 1 of 2)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
16	Dead	LinStatic		Top	5975.8645	702.2191	-205.4668	-18452.2664
16	Dead	LinStatic		Bottom	12406.237	719.0329	-213.2349	-19008.6401
16	Live	LinStatic		Top	785.7048	-15.6438	42.2405	622.7129
16	Live	LinStatic		Bottom	808.0888	-12.918	41.7394	557.6198
16	FF	LinStatic		Top	3627.4592	671.7892	-351.084	-18463.597
16	FF	LinStatic		Bottom	9548.6121	682.0235	-353.9923	-18764.8986
16	PW	LinStatic		Top	3049.5415	674.0205	-378.939	-18779.8934
16	PW	LinStatic		Bottom	8974.6437	682.2111	-381.4687	-19032.2768
16	Earthquake+x	LinStatic		Top	255.4734	-958.3567	-246.1127	6080.0854
16	Earthquake+x	LinStatic		Bottom	260.3741	-980.9611	-248.0896	6157.8496
16	Earthquake+y	LinStatic		Top	369.9025	-389.0941	-460.6185	4755.4954
16	Earthquake+y	LinStatic		Bottom	442.8798	-386.6892	-484.0224	4270.5771
16	TH-X Load Case	LinModHist	Max	Top	243.1896	732.5423	219.5716	6825.9428
16	TH-X Load Case	LinModHist	Max	Bottom	260.5631	750.2648	218.7065	6908.0334
16	TH-X Load Case	LinModHist	Min	Top	-209.9239	-703.0801	-223.1189	-6680.4847
16	TH-X Load Case	LinModHist	Min	Bottom	-219.8227	-715.9561	-221.6905	-6806.5375
16	TH-Y Load Case	LinModHist	Max	Top	204.4786	763.1682	220.5262	8309.5679
16	TH-Y Load Case	LinModHist	Max	Bottom	235.6148	779.2583	222.3521	8428.1996
16	TH-Y Load Case	LinModHist	Min	Top	-206.6044	-872.2108	-237.5	-6548.5522
16	TH-Y Load Case	LinModHist	Min	Bottom	-218.2653	-889.8194	-235.5155	-6589.6474
16	UDCon1	Combination		Top	17081.3681	2764.839	-1262.9113	-75189.2717
16	UDCon1	Combination		Bottom	41754.8152	2812.411	-1280.7395	-76687.8508
16	UDCon2	Combination		Top	18259.9254	2741.3733	-1199.5506	-74255.2023
16	UDCon2	Combination		Bottom	42966.9484	2793.034	-1218.1304	-75851.4211

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	UDCon3	Combination	Max	Top	13131.7663	2775.8781	-703.2461	-48683.0001
16	UDCon3	Combination	Max	Bottom	31432.4825	2829.6568	-717.4676	-49730.496
16	UDCon3	Combination	Min	Top	12678.6528	1340.2557	-1145.9366	-62189.4276
16	UDCon3	Combination	Min	Bottom	30952.0967	1363.4359	-1157.8646	-63445.067
16	UDCon4	Combination	Max	Top	13098.5006	2746.4158	-699.6988	-48828.4583
16	UDCon4	Combination	Max	Bottom	31391.7421	2795.3482	-714.4836	-49831.9919
16	UDCon4	Combination	Min	Top	12645.3871	1310.7934	-1142.3893	-62334.8857
16	UDCon4	Combination	Min	Bottom	30911.3563	1329.1272	-1154.8807	-63546.5629
16	UDCon5	Combination	Max	Top	13093.0553	2806.5039	-702.2916	-47199.375
16	UDCon5	Combination	Max	Bottom	31407.5342	2858.6503	-713.822	-48210.3299
16	UDCon5	Combination	Min	Top	12681.9723	1171.1249	-1160.3177	-62057.4951
16	UDCon5	Combination	Min	Bottom	30953.6541	1189.5726	-1171.6896	-63228.1768
16	UDCon6	Combination	Max	Top	13095.1811	2915.5466	-685.3177	-48960.3907
16	UDCon6	Combination	Max	Bottom	31390.1847	2969.2114	-700.6586	-50048.8821
16	UDCon6	Combination	Min	Top	12684.0981	1280.1676	-1143.3439	-63818.5108
16	UDCon6	Combination	Min	Bottom	30936.3046	1300.1337	-1158.5263	-65066.7291
16	UDCon7	Combination	Max	Top	12896.0549	2780.5712	-715.9182	-48869.814
16	UDCon7	Combination	Max	Bottom	31190.0558	2833.5322	-729.9894	-49897.782
16	UDCon7	Combination	Min	Top	12442.9413	1344.9488	-1158.6087	-62376.2414
16	UDCon7	Combination	Min	Bottom	30709.67	1367.3113	-1170.3864	-63612.3529
16	UDCon8	Combination	Max	Top	12862.7892	2751.109	-712.371	-49015.2721
16	UDCon8	Combination	Max	Bottom	31149.3154	2799.2236	-727.0054	-49999.2779
16	UDCon8	Combination	Min	Top	12409.6756	1315.4866	-1155.0615	-62521.6996
16	UDCon8	Combination	Min	Bottom	30668.9296	1333.0026	-1167.4025	-63713.8488
16	UDCon9	Combination	Max	Top	12857.3439	2811.1971	-714.9637	-47386.1889
16	UDCon9	Combination	Max	Bottom	31165.1075	2862.5257	-726.3438	-48377.6158
16	UDCon9	Combination	Min	Top	12446.2608	1175.818	-1172.9898	-62244.309
16	UDCon9	Combination	Min	Bottom	30711.2274	1193.448	-1184.2114	-63395.4628
16	UDCon10	Combination	Max	Top	12859.4697	2920.2397	-697.9899	-49147.2046
16	UDCon10	Combination	Max	Bottom	31147.758	2973.0868	-713.1805	-50216.168
16	UDCon10	Combination	Min	Top	12448.3866	1284.8607	-1156.016	-64005.3247
16	UDCon10	Combination	Min	Bottom	30693.8779	1304.0091	-1171.0481	-65234.015
15	Dead	LinStatic		Top	16556.8433	480.3619	79.1694	-12724.1116
15	Dead	LinStatic		Bottom	22731.5054	478.7744	76.1186	-12778.9258
15	Live	LinStatic		Top	1412.5916	-49.4318	45.9279	940.6578
15	Live	LinStatic		Bottom	1416.2388	-49.339	45.6977	933.828
15	FF	LinStatic		Top	12141.9176	557.6665	-90.8892	-14191.4869
15	FF	LinStatic		Bottom	17876.7641	555.9762	-91.6648	-14193.7358
15	PW	LinStatic		Top	11121.371	580.7286	-121.7316	-14707.8153
15	PW	LinStatic		Bottom	16873.5217	578.9931	-122.3367	-14705.0292
15	Earthquake+x	LinStatic		Top	317.3281	-1402.7224	-281.3219	10392.1159
15	Earthquake+x	LinStatic		Bottom	398.9036	-1422.8615	-281.8308	10491.5457
15	Earthquake+y	LinStatic		Top	631.6985	-608.0077	-1575.6107	-8645.7776
15	Earthquake+y	LinStatic		Bottom	611.6021	-604.3793	-1597.491	-9124.5674
15	TH-X Load Case	LinModHist	Max	Top	357.5489	1083.4217	548.8639	12773.4846

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
15	TH-X Load Case	LinModHist	Max	Bottom	340.8424	1098.8863	551.5851	12857.0461
15	TH-X Load Case	LinModHist	Min	Top	-289.957	-1059.7253	-448.8399	-13624.3867
15	TH-X Load Case	LinModHist	Min	Bottom	-276.3267	-1069.6155	-452.9653	-13733.0306
15	TH-Y Load Case	LinModHist	Max	Top	328.8483	1161.8274	438.0185	17201.92
15	TH-Y Load Case	LinModHist	Max	Bottom	314.2687	1174.9564	439.4392	17399.5641
15	TH-Y Load Case	LinModHist	Min	Top	-297.909	-1328.9961	-470.6388	-13456.8513
15	TH-Y Load Case	LinModHist	Min	Bottom	-292.4368	-1342.7719	-474.9527	-13635.6934
15	UDCon1	Combination		Top	53757.178	2185.3219	-180.1593	-56191.6086
15	UDCon1	Combination		Bottom	77600.4182	2178.5541	-186.1419	-56264.8825
15	UDCon2	Combination		Top	55876.0654	2111.1742	-111.2675	-54780.622
15	UDCon2	Combination		Bottom	79724.7764	2104.5456	-117.5954	-54864.1406
15	UDCon3	Combination	Max	Top	40601.4582	2687.3491	429.1909	-28567.7318
15	UDCon3	Combination	Max	Bottom	58247.5053	2697.8284	427.4115	-28540.4962
15	UDCon3	Combination	Min	Top	39953.9523	544.2021	-568.5129	-54965.6032
15	UDCon3	Combination	Min	Bottom	57630.3362	529.3266	-577.1388	-55130.573
15	UDCon4	Combination	Max	Top	40533.8664	2663.6527	329.1669	-27716.8297
15	UDCon4	Combination	Max	Bottom	58182.9896	2668.5576	328.7917	-27664.5117
15	UDCon4	Combination	Min	Top	39886.3605	520.5058	-668.5369	-54114.7011
15	UDCon4	Combination	Min	Bottom	57565.8205	500.0558	-675.7587	-54254.5885
15	UDCon5	Combination	Max	Top	40572.7577	2765.7548	318.3455	-24139.2965
15	UDCon5	Combination	Max	Bottom	58220.9316	2773.8985	315.2656	-23997.9783
15	UDCon5	Combination	Min	Top	39946.0003	274.9313	-590.3118	-54798.0678
15	UDCon5	Combination	Min	Bottom	57614.2261	256.1702	-599.1263	-55033.2357
15	UDCon6	Combination	Max	Top	40541.8184	2932.9235	350.9659	-27884.3651
15	UDCon6	Combination	Max	Bottom	58199.0997	2941.714	350.7791	-27761.849
15	UDCon6	Combination	Min	Top	39915.061	442.1	-557.6915	-58543.1364
15	UDCon6	Combination	Min	Bottom	57592.3942	423.9857	-563.6128	-58797.1064
15	UDCon7	Combination	Max	Top	40177.6808	2702.1786	415.4126	-28849.9291
15	UDCon7	Combination	Max	Bottom	57822.6337	2712.6301	413.7022	-28820.6446
15	UDCon7	Combination	Min	Top	39530.1748	559.0316	-582.2912	-55247.8005
15	UDCon7	Combination	Min	Bottom	57205.4646	544.1283	-590.8481	-55410.7214
15	UDCon8	Combination	Max	Top	40110.0889	2678.4823	315.3885	-27999.027
15	UDCon8	Combination	Max	Bottom	57758.1179	2683.3593	315.0824	-27944.6601
15	UDCon8	Combination	Min	Top	39462.583	535.3353	-682.3152	-54396.8984
15	UDCon8	Combination	Min	Bottom	57140.9488	514.8575	-689.468	-54534.7369
15	UDCon9	Combination	Max	Top	40148.9802	2780.5844	304.5671	-24421.4938
15	UDCon9	Combination	Max	Bottom	57796.0599	2788.7002	301.5563	-24278.1267
15	UDCon9	Combination	Min	Top	39522.2229	289.7608	-604.0902	-55080.2651
15	UDCon9	Combination	Min	Bottom	57189.3544	270.9719	-612.8356	-55313.3841
15	UDCon10	Combination	Max	Top	40118.0409	2947.7531	337.1875	-28166.5624
15	UDCon10	Combination	Max	Bottom	57774.2281	2956.5157	337.0698	-28041.9974
15	UDCon10	Combination	Min	Top	39491.2836	456.9295	-571.4698	-58825.3337
15	UDCon10	Combination	Min	Bottom	57167.5226	438.7873	-577.3221	-59077.2548
14	Dead	LinStatic		Top	25381.3376	387.9875	127.0361	-10168.1519
14	Dead	LinStatic		Bottom	31267.6213	389.3726	123.9295	-10256.3833

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	Live	LinStatic		Top	1939.5511	-54.2226	46.8283	1119.6922
14	Live	LinStatic		Bottom	1960.6697	-54.0142	46.5896	1112.3835
14	FF	LinStatic		Top	19272.8517	488.741	-46.9679	-12395.4466
14	FF	LinStatic		Bottom	24673.3865	489.2943	-48.2332	-12430.7276
14	PW	LinStatic		Top	17883.4101	515.3285	-78.0126	-13032.0603
14	PW	LinStatic		Bottom	23287.3004	515.7542	-79.0975	-13061.969
14	Earthquake+x	LinStatic		Top	389.8687	-1928.8156	-245.7892	17916.9131
14	Earthquake+x	LinStatic		Bottom	467.7438	-1947.5086	-246.1923	18013.6947
14	Earthquake+y	LinStatic		Top	706.4559	-684.1592	-2503.877	-21398.8217
14	Earthquake+y	LinStatic		Bottom	751.9126	-680.975	-2525.9778	-21831.1732
14	TH-X Load Case	LinModHist	Max	Top	300.3554	1499.0159	834.7896	19688.5944
14	TH-X Load Case	LinModHist	Max	Bottom	321.3556	1512.863	838.1201	19768.8116
14	TH-X Load Case	LinModHist	Min	Top	-246.9914	-1414.3994	-685.1966	-19971.5311
14	TH-X Load Case	LinModHist	Min	Bottom	-293.9892	-1422.5161	-689.5257	-20064.234
14	TH-Y Load Case	LinModHist	Max	Top	304.7644	1557.0055	695.7542	27648.911
14	TH-Y Load Case	LinModHist	Max	Bottom	364.9274	1568.2128	701.5128	27829.4162
14	TH-Y Load Case	LinModHist	Min	Top	-274.9583	-1780.9878	-727.2785	-22118.9723
14	TH-Y Load Case	LinModHist	Min	Bottom	-327.776	-1792.2709	-731.8023	-22282.5435
14	UDCon1	Combination		Top	84425.7592	1879.277	2.775	-48054.1394
14	UDCon1	Combination		Bottom	106958.216	1882.4684	-4.5916	-48261.2579
14	UDCon2	Combination		Top	87335.0859	1797.943	73.0174	-46374.6011
14	UDCon2	Combination		Bottom	109899.2206	1801.4472	65.2928	-46592.6826
14	UDCon3	Combination	Max	Top	63419.8201	2874.8061	850.8936	-15571.1568
14	UDCon3	Combination	Max	Bottom	80137.8647	2891.0798	848.6958	-15646.5533
14	UDCon3	Combination	Min	Top	62872.4733	-38.6092	-669.0926	-55231.2823
14	UDCon3	Combination	Min	Bottom	79522.5199	-44.2993	-678.95	-55479.5989
14	UDCon4	Combination	Max	Top	63366.4562	2790.1896	701.3006	-15288.2201
14	UDCon4	Combination	Max	Bottom	80110.4982	2800.7329	700.1014	-15351.1308
14	UDCon4	Combination	Min	Top	62819.1094	-123.2257	-818.6856	-54948.3456
14	UDCon4	Combination	Min	Bottom	79495.1535	-134.6462	-827.5444	-55184.1764
14	UDCon5	Combination	Max	Top	63424.2292	2932.7957	711.8582	-7610.8401
14	UDCon5	Combination	Max	Bottom	80181.4365	2946.4296	712.0885	-7585.9487
14	UDCon5	Combination	Min	Top	62844.5065	-405.1976	-711.1745	-57378.7235
14	UDCon5	Combination	Min	Bottom	79488.7331	-414.0541	-721.2265	-57697.9083
14	UDCon6	Combination	Max	Top	63394.423	3156.778	743.3825	-13140.7789
14	UDCon6	Combination	Max	Bottom	80144.2851	3170.4877	742.378	-13132.8214
14	UDCon6	Combination	Min	Top	62814.7003	-181.2153	-679.6502	-62908.6622
14	UDCon6	Combination	Min	Bottom	79451.5816	-189.9959	-690.9371	-63244.7811
14	UDCon7	Combination	Max	Top	62837.9548	2891.0729	836.8451	-15907.0644
14	UDCon7	Combination	Max	Bottom	79549.6637	2907.2841	834.719	-15980.2683
14	UDCon7	Combination	Min	Top	62290.608	-22.3424	-683.141	-55567.1899
14	UDCon7	Combination	Min	Bottom	78934.319	-28.0951	-692.9269	-55813.3139
14	UDCon8	Combination	Max	Top	62784.5909	2806.4564	687.2521	-15624.1278
14	UDCon8	Combination	Max	Bottom	79522.2973	2816.9372	686.1246	-15684.8459
14	UDCon8	Combination	Min	Top	62237.244	-106.9589	-832.7341	-55284.2532

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	UDCon8	Combination	Min	Bottom	78906.9526	-118.4419	-841.5213	-55517.8915
14	UDCon9	Combination	Max	Top	62842.3639	2949.0625	697.8097	-7946.7478
14	UDCon9	Combination	Max	Bottom	79593.2356	2962.6338	698.1116	-7919.6637
14	UDCon9	Combination	Min	Top	62262.6412	-388.9308	-725.223	-57714.6312
14	UDCon9	Combination	Min	Bottom	78900.5322	-397.8498	-735.2034	-58031.6234
14	UDCon10	Combination	Max	Top	62812.5577	3173.0448	729.3341	-13476.6865
14	UDCon10	Combination	Max	Bottom	79556.0841	3186.6919	728.4011	-13466.5364
14	UDCon10	Combination	Min	Top	62232.835	-164.9485	-693.6987	-63244.5699
14	UDCon10	Combination	Min	Bottom	78863.3807	-173.7917	-704.914	-63578.4961
13	Dead	LinStatic		Top	33923.6666	436.9693	143.2291	-9288.4877
13	Dead	LinStatic		Bottom	40133.9663	436.9693	143.2291	-9288.4877
13	Live	LinStatic		Top	2487.2173	-50.8787	47.9461	1155.132
13	Live	LinStatic		Bottom	2521.0317	-50.8787	47.9461	1155.132
13	FF	LinStatic		Top	26026.2163	528.4464	-41.1959	-11784.8659
13	FF	LinStatic		Bottom	31701.316	528.4464	-41.1959	-11784.8659
13	PW	LinStatic		Top	24249.105	552.8163	-72.6634	-12443.8705
13	PW	LinStatic		Bottom	29919.5247	552.8163	-72.6634	-12443.8705
13	Earthquake+x	LinStatic		Top	482.4785	-2334.9826	-182.1072	24461.4092
13	Earthquake+x	LinStatic		Bottom	482.4785	-2352.1319	-182.1072	24563.4702
13	Earthquake+y	LinStatic		Top	926.0269	-762.1489	-3372.9195	-33177.771
13	Earthquake+y	LinStatic		Bottom	926.0269	-762.1489	-3394.0619	-33583.5653
13	TH-X Load Case	LinModHist	Max	Top	361.3081	1802.9268	1098.7755	24838.3629
13	TH-X Load Case	LinModHist	Max	Bottom	361.3081	1814.7837	1101.8231	24911.9728
13	TH-X Load Case	LinModHist	Min	Top	-380.2862	-1650.6503	-898.2235	-25271.8438
13	TH-X Load Case	LinModHist	Min	Bottom	-380.2862	-1656.37	-902.2487	-25396.4018
13	TH-Y Load Case	LinModHist	Max	Top	458.5398	1832.6772	979.4716	35563.4813
13	TH-Y Load Case	LinModHist	Max	Bottom	458.5398	1842.0641	985.0108	35726.9014
13	TH-Y Load Case	LinModHist	Min	Top	-337.2584	-2087.6157	-958.8904	-28771.4963
13	TH-Y Load Case	LinModHist	Min	Bottom	-337.2584	-2098.4175	-963.0909	-28919.0783
13	UDCon1	Combination		Top	113668.6336	2049.6131	39.6491	-45248.2525
13	UDCon1	Combination		Bottom	137368.9893	2049.6131	39.6491	-45248.2525
13	UDCon2	Combination		Top	117399.4595	1973.295	111.5683	-43515.5545
13	UDCon2	Combination		Bottom	141150.5369	1973.295	111.5683	-43515.5545
13	UDCon3	Combination	Max	Top	85306.4612	3305.8951	1142.5291	-8332.3216
13	UDCon3	Combination	Max	Bottom	102872.4246	3317.752	1145.5767	-8258.7117
13	UDCon3	Combination	Min	Top	84564.8668	-147.682	-854.4699	-58442.5283
13	UDCon3	Combination	Min	Bottom	102130.8302	-153.4017	-858.4952	-58567.0862
13	UDCon4	Combination	Max	Top	85325.4392	3153.6186	941.977	-7898.8406
13	UDCon4	Combination	Max	Bottom	102891.4026	3159.3383	946.0023	-7774.2827
13	UDCon4	Combination	Min	Top	84583.8449	-299.9585	-1055.022	-58009.0474
13	UDCon4	Combination	Min	Bottom	102149.8083	-311.8154	-1058.0696	-58082.6573
13	UDCon5	Combination	Max	Top	85403.6928	3335.6455	1023.2251	2392.7968
13	UDCon5	Combination	Max	Bottom	102969.6562	3345.0324	1028.7644	2556.217
13	UDCon5	Combination	Min	Top	84607.8946	-584.6474	-915.1369	-61942.1808
13	UDCon5	Combination	Min	Bottom	102173.858	-595.4492	-919.3374	-62089.7627

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	UDCon6	Combination	Max	Top	85282.4114	3590.584	1002.644	-4399.1881
13	UDCon6	Combination	Max	Bottom	102848.3748	3601.3858	1006.8445	-4251.6062
13	UDCon6	Combination	Min	Top	84486.6132	-329.7089	-935.718	-68734.1657
13	UDCon6	Combination	Min	Bottom	102052.5766	-339.0959	-941.2573	-68897.5859
13	UDCon7	Combination	Max	Top	84560.296	3321.1587	1128.1453	-8678.8612
13	UDCon7	Combination	Max	Bottom	102116.1151	3333.0156	1131.1929	-8605.2513
13	UDCon7	Combination	Min	Top	83818.7016	-132.4184	-868.8538	-58789.0679
13	UDCon7	Combination	Min	Bottom	101374.5207	-138.1381	-872.879	-58913.6259
13	UDCon8	Combination	Max	Top	84579.274	3168.8822	927.5932	-8245.3802
13	UDCon8	Combination	Max	Bottom	102135.0931	3174.6019	931.6184	-8120.8223
13	UDCon8	Combination	Min	Top	83837.6797	-284.6949	-1069.4058	-58355.587
13	UDCon8	Combination	Min	Bottom	101393.4988	-296.5518	-1072.4534	-58429.1969
13	UDCon9	Combination	Max	Top	84657.5276	3350.9091	1008.8413	2046.2572
13	UDCon9	Combination	Max	Bottom	102213.3467	3360.2961	1014.3806	2209.6773
13	UDCon9	Combination	Min	Top	83861.7295	-569.3838	-929.5207	-62288.7204
13	UDCon9	Combination	Min	Bottom	101417.5485	-580.1856	-933.7212	-62436.3023
13	UDCon10	Combination	Max	Top	84536.2462	3605.8476	988.2602	-4745.7277
13	UDCon10	Combination	Max	Bottom	102092.0653	3616.6494	992.4606	-4598.1458
13	UDCon10	Combination	Min	Top	83740.448	-314.4453	-950.1019	-69080.7053
13	UDCon10	Combination	Min	Bottom	101296.2671	-323.8322	-955.6411	-69244.1255
12F RF	Dead	LinStatic		Top	43035.8168	490.7189	168.3761	-9129.0787
12F RF	Dead	LinStatic		Bottom	49246.1165	490.7189	168.3761	-9129.0787
12F RF	Live	LinStatic		Top	3064.7571	-46.9084	49.1734	1136.7601
12F RF	Live	LinStatic		Bottom	3098.5716	-46.9084	49.1734	1136.7601
12F RF	FF	LinStatic		Top	33237.4021	570.6145	-23.2201	-11655.2211
12F RF	FF	LinStatic		Bottom	38912.5018	570.6145	-23.2201	-11655.2211
12F RF	PW	LinStatic		Top	31052.0838	592.3876	-55.4273	-12301.9424
12F RF	PW	LinStatic		Bottom	36722.5034	592.3876	-55.4273	-12301.9424
12F RF	Earthquake+x	LinStatic		Top	455.6233	-2725.505	-139.3033	30614.4734
12F RF	Earthquake+x	LinStatic		Bottom	455.6233	-2741.3352	-139.3033	30708.6836
12F RF	Earthquake+y	LinStatic		Top	1074.3813	-840.3823	-4120.6209	-42900.1363
12F RF	Earthquake+y	LinStatic		Bottom	1074.3813	-840.3823	-4140.137	-43274.7156
12F RF	TH-X Load Case	LinModHist	Max	Top	390.4938	2076.6261	1336.8829	29057.719
12F RF	TH-X Load Case	LinModHist	Max	Bottom	390.4938	2086.8959	1339.6244	29114.8104
12F RF	TH-X Load Case	LinModHist	Min	Top	-450.3337	-1831.7365	-1086.7844	-30837.5062
12F RF	TH-X Load Case	LinModHist	Min	Bottom	-450.3337	-1835.2898	-1090.4333	-30947.4754
12F RF	TH-Y Load Case	LinModHist	Max	Top	518.8629	2060.706	1228.5193	42071.6908
12F RF	TH-Y Load Case	LinModHist	Max	Bottom	518.8629	2067.9857	1233.5374	42206.5202
12F RF	TH-Y Load Case	LinModHist	Min	Top	-472.1917	-2326.8933	-1163.546	-34112.2975
12F RF	TH-Y Load Case	LinModHist	Min	Bottom	-472.1917	-2334.5869	-1167.3343	-34235.4615
12F RF	UDCon1	Combination		Top	144889.1586	2232.5234	121.1337	-44666.4269
12F RF	UDCon1	Combination		Bottom	168589.5144	2232.5234	121.1337	-44666.4269
12F RF	UDCon2	Combination		Top	149486.2943	2162.1608	194.8938	-42961.2867
12F RF	UDCon2	Combination		Bottom	173237.3717	2162.1608	194.8938	-42961.2867
12F RF	UDCon3	Combination	Max	Top	108635.2236	3716.2746	1441.3636	-3687.4951

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	UDCon3	Combination	Max	Bottom	126201.187	3726.5444	1444.1051	-3630.4037
12F RF	UDCon3	Combination	Min	Top	107794.3961	-192.088	-982.3038	-63582.7203
12F RF	UDCon3	Combination	Min	Bottom	125360.3595	-195.6413	-985.9527	-63692.6895
12F RF	UDCon4	Combination	Max	Top	108695.0636	3471.385	1191.2651	-1907.7079
12F RF	UDCon4	Combination	Max	Bottom	126261.027	3474.9383	1194.914	-1797.7387
12F RF	UDCon4	Combination	Min	Top	107854.2361	-436.9776	-1232.4022	-61802.9332
12F RF	UDCon4	Combination	Min	Bottom	125420.1995	-447.2474	-1235.1437	-61860.0245
12F RF	UDCon5	Combination	Max	Top	108763.5928	3700.3545	1332.9999	9326.4767
12F RF	UDCon5	Combination	Max	Bottom	126329.5562	3707.6342	1338.0181	9461.3061
12F RF	UDCon5	Combination	Min	Top	107772.5381	-687.2448	-1059.0653	-66857.5116
12F RF	UDCon5	Combination	Min	Bottom	125338.5015	-694.9384	-1062.8536	-66980.6756
12F RF	UDCon6	Combination	Max	Top	108716.9216	3966.5418	1268.0266	1367.0834
12F RF	UDCon6	Combination	Max	Bottom	126282.885	3974.2354	1271.8149	1490.2474
12F RF	UDCon6	Combination	Min	Top	107725.8669	-421.0575	-1124.0386	-74816.9049
12F RF	UDCon6	Combination	Min	Bottom	125291.8303	-428.3372	-1129.0567	-74951.7344
12F RF	UDCon7	Combination	Max	Top	107715.7965	3730.3471	1426.6115	-4028.5231
12F RF	UDCon7	Combination	Max	Bottom	125271.6155	3740.6169	1429.3531	-3971.4318
12F RF	UDCon7	Combination	Min	Top	106874.9689	-178.0154	-997.0558	-63923.7483
12F RF	UDCon7	Combination	Min	Bottom	124430.788	-181.5687	-1000.7047	-64033.7176
12F RF	UDCon8	Combination	Max	Top	107775.6364	3485.4575	1176.5131	-2248.736
12F RF	UDCon8	Combination	Max	Bottom	125331.4555	3489.0108	1180.162	-2138.7667
12F RF	UDCon8	Combination	Min	Top	106934.8089	-422.905	-1247.1542	-62143.9612
12F RF	UDCon8	Combination	Min	Bottom	124490.628	-433.1748	-1249.8958	-62201.0525
12F RF	UDCon9	Combination	Max	Top	107844.1656	3714.427	1318.2479	8985.4486
12F RF	UDCon9	Combination	Max	Bottom	125399.9847	3721.7067	1323.266	9120.2781
12F RF	UDCon9	Combination	Min	Top	106853.1109	-673.1723	-1073.8173	-67198.5397
12F RF	UDCon9	Combination	Min	Bottom	124408.93	-680.8659	-1077.6056	-67321.7036
12F RF	UDCon10	Combination	Max	Top	107797.4944	3980.6143	1253.2746	1026.0554
12F RF	UDCon10	Combination	Max	Bottom	125353.3135	3988.3079	1257.0629	1149.2193
12F RF	UDCon10	Combination	Min	Top	106806.4398	-406.985	-1138.7906	-75157.9329
12F RF	UDCon10	Combination	Min	Bottom	124362.2588	-414.2647	-1143.8087	-75292.7624
11F RF	Dead	LinStatic		Top	52268.6763	542.0792	198.2124	-9236.9147
11F RF	Dead	LinStatic		Bottom	58478.9759	542.0792	198.2124	-9236.9147
11F RF	Live	LinStatic		Top	3652.5951	-42.0088	49.3261	1071.3889
11F RF	Live	LinStatic		Bottom	3686.4095	-42.0088	49.3261	1071.3889
11F RF	FF	LinStatic		Top	40529.6097	606.8926	3.9337	-11609.9459
11F RF	FF	LinStatic		Bottom	46204.7094	606.8926	3.9337	-11609.9459
11F RF	PW	LinStatic		Top	37928.8239	625.4048	-28.3386	-12211.7232
11F RF	PW	LinStatic		Bottom	43599.2436	625.4048	-28.3386	-12211.7232
11F RF	Earthquake+x	LinStatic		Top	401.269	-3087.0414	-106.5202	36328.1558
11F RF	Earthquake+x	LinStatic		Bottom	401.269	-3101.5523	-106.5202	36414.5151
11F RF	Earthquake+y	LinStatic		Top	1228.1475	-916.3346	-4806.2245	-51822.807
11F RF	Earthquake+y	LinStatic		Bottom	1228.1475	-916.3346	-4824.1143	-52166.1714
11F RF	TH-X Load Case	LinModHist	Max	Top	489.6001	2311.0771	1553.7326	32255.8881
11F RF	TH-X Load Case	LinModHist	Max	Bottom	489.6001	2319.7774	1556.1761	32297.0545

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
11F RF	TH-X Load Case	LinModHist	Min	Top	-512.3356	-2013.6888	-1257.8271	-35683.9416
11F RF	TH-X Load Case	LinModHist	Min	Bottom	-512.3356	-2025.3614	-1261.101	-35779.5497
11F RF	TH-Y Load Case	LinModHist	Max	Top	555.9681	2233.5885	1451.1046	47119.3922
11F RF	TH-Y Load Case	LinModHist	Max	Bottom	555.9681	2238.8244	1455.6063	47226.5081
11F RF	TH-Y Load Case	LinModHist	Min	Top	-586.4059	-2484.9877	-1348.256	-38252.0095
11F RF	TH-Y Load Case	LinModHist	Min	Bottom	-586.4059	-2489.6901	-1351.6361	-38351.419
11F RF	UDCon1	Combination		Top	176481.5984	2395.4085	234.6401	-44629.0881
11F RF	UDCon1	Combination		Bottom	200181.9542	2395.4085	234.6401	-44629.0881
11F RF	UDCon2	Combination		Top	181960.491	2332.3953	308.6292	-43022.0047
11F RF	UDCon2	Combination		Bottom	205711.5684	2332.3953	308.6292	-43022.0047
11F RF	UDCon3	Combination	Max	Top	132312.4886	4072.8511	1742.3379	-481.279
11F RF	UDCon3	Combination	Max	Bottom	149878.452	4081.5514	1744.7814	-440.1126
11F RF	UDCon3	Combination	Min	Top	131310.5528	-251.9148	-1069.2218	-68421.1087
11F RF	UDCon3	Combination	Min	Bottom	148876.5162	-263.5874	-1072.4957	-68516.7168
11F RF	UDCon4	Combination	Max	Top	132335.2241	3775.4628	1446.4323	2946.7744
11F RF	UDCon4	Combination	Max	Bottom	149901.1875	3787.1355	1449.7063	3042.3826
11F RF	UDCon4	Combination	Min	Top	131333.2883	-549.3031	-1365.1274	-64993.0552
11F RF	UDCon4	Combination	Min	Bottom	148899.2517	-558.0034	-1367.5709	-65034.2216
11F RF	UDCon5	Combination	Max	Top	132378.8566	3995.3625	1639.7099	14382.2251
11F RF	UDCon5	Combination	Max	Bottom	149944.82	4000.5984	1644.2116	14489.341
11F RF	UDCon5	Combination	Min	Top	131236.4826	-723.2137	-1159.6507	-70989.1766
11F RF	UDCon5	Combination	Min	Bottom	148802.446	-727.916	-1163.0308	-71088.5861
11F RF	UDCon6	Combination	Max	Top	132409.2943	4246.7617	1536.8613	5514.8424
11F RF	UDCon6	Combination	Max	Bottom	149975.2577	4251.4641	1540.2414	5614.2519
11F RF	UDCon6	Combination	Min	Top	131266.9203	-471.8145	-1262.4993	-79856.5593
11F RF	UDCon6	Combination	Min	Bottom	148832.8837	-477.0504	-1267.001	-79963.6753
11F RF	UDCon7	Combination	Max	Top	131216.7101	4085.4537	1727.5401	-802.6957
11F RF	UDCon7	Combination	Max	Bottom	148772.5291	4094.154	1729.9836	-761.5293
11F RF	UDCon7	Combination	Min	Top	130214.7743	-239.3122	-1084.0196	-68742.5254
11F RF	UDCon7	Combination	Min	Bottom	147770.5934	-250.9848	-1087.2935	-68838.1335
11F RF	UDCon8	Combination	Max	Top	131239.4456	3788.0655	1431.6345	2625.3578
11F RF	UDCon8	Combination	Max	Bottom	148795.2646	3799.7381	1434.9084	2720.9659
11F RF	UDCon8	Combination	Min	Top	130237.5098	-536.7004	-1379.9252	-65314.4719
11F RF	UDCon8	Combination	Min	Bottom	147793.3289	-545.4008	-1382.3687	-65355.6383
11F RF	UDCon9	Combination	Max	Top	131283.0781	4007.9651	1624.912	14060.8084
11F RF	UDCon9	Combination	Max	Bottom	148838.8971	4013.2011	1629.4137	14167.9243
11F RF	UDCon9	Combination	Min	Top	130140.704	-710.6111	-1174.4486	-71310.5933
11F RF	UDCon9	Combination	Min	Bottom	147696.5231	-715.3134	-1177.8286	-71410.0028
11F RF	UDCon10	Combination	Max	Top	131313.5158	4259.3643	1522.0634	5193.4257
11F RF	UDCon10	Combination	Max	Bottom	148869.3349	4264.0667	1525.4435	5292.8352
11F RF	UDCon10	Combination	Min	Top	130171.1418	-459.2118	-1277.2972	-80177.976
11F RF	UDCon10	Combination	Min	Bottom	147726.9609	-464.4478	-1281.7988	-80285.0919
10F RF	Dead	LinStatic		Top	61546.2851	592.5121	235.0039	-9339.0843
10F RF	Dead	LinStatic		Bottom	67756.5848	592.5121	235.0039	-9339.0843
10F RF	Live	LinStatic		Top	4245.8766	-36.4035	49.4834	993.8408

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	Live	LinStatic		Bottom	4279.6911	-36.4035	49.4834	993.8408
10F RF	FF	LinStatic		Top	47847.1419	640.0888	38.9091	-11493.098
10F RF	FF	LinStatic		Bottom	53522.2416	640.0888	38.9091	-11493.098
10F RF	PW	LinStatic		Top	44827.1209	654.7634	6.5333	-12040.5497
10F RF	PW	LinStatic		Bottom	50497.5406	654.7634	6.5333	-12040.5497
10F RF	Earthquake+x	LinStatic		Top	321.4068	-3432.1888	-80.3995	41790.2741
10F RF	Earthquake+x	LinStatic		Bottom	321.4068	-3445.3806	-80.3995	41868.7826
10F RF	Earthquake+y	LinStatic		Top	1388.8887	-977.6258	-5436.0807	-60174.4964
10F RF	Earthquake+y	LinStatic		Bottom	1388.8887	-977.6258	-5452.3441	-60486.6458
10F RF	TH-X Load Case	LinModHist	Max	Top	579.3132	2517.4294	1752.4759	35613.7713
10F RF	TH-X Load Case	LinModHist	Max	Bottom	579.3132	2524.611	1754.6296	35702.5612
10F RF	TH-X Load Case	LinModHist	Min	Top	-559.5493	-2226.005	-1413.2138	-40008.1829
10F RF	TH-X Load Case	LinModHist	Min	Bottom	-559.5493	-2236.3437	-1416.1152	-40089.8627
10F RF	TH-Y Load Case	LinModHist	Max	Top	568.1339	2421.401	1651.4171	50938.7778
10F RF	TH-Y Load Case	LinModHist	Max	Bottom	568.1339	2430.8334	1655.4087	51019.661
10F RF	TH-Y Load Case	LinModHist	Min	Top	-671.6813	-2576.3982	-1515.267	-41358.5398
10F RF	TH-Y Load Case	LinModHist	Min	Bottom	-671.6813	-2578.317	-1518.2448	-41435.3387
10F RF	UDCon1	Combination		Top	208197.7396	2547.9419	378.6026	-44378.1882
10F RF	UDCon1	Combination		Bottom	231898.0954	2547.9419	378.6026	-44378.1882
10F RF	UDCon2	Combination		Top	214566.5545	2493.3366	452.8277	-42887.427
10F RF	UDCon2	Combination		Bottom	238317.632	2493.3366	452.8277	-42887.427
10F RF	UDCon3	Combination	Max	Top	156073.624	4393.8727	2047.7673	3039.1915
10F RF	UDCon3	Combination	Max	Bottom	173639.5874	4401.0543	2049.921	3127.9814
10F RF	UDCon3	Combination	Min	Top	154934.7616	-349.5617	-1117.9224	-72582.7627
10F RF	UDCon3	Combination	Min	Bottom	172500.725	-359.9004	-1120.8238	-72664.4425
10F RF	UDCon4	Combination	Max	Top	156053.8601	4102.4483	1708.5052	7433.6032
10F RF	UDCon4	Combination	Max	Bottom	173619.8235	4112.787	1711.4066	7515.283
10F RF	UDCon4	Combination	Min	Top	154914.9977	-640.9861	-1457.1845	-68188.351
10F RF	UDCon4	Combination	Min	Bottom	172480.9611	-648.1677	-1459.3382	-68277.1409
10F RF	UDCon5	Combination	Max	Top	156062.4448	4297.8443	1946.7085	18364.198
10F RF	UDCon5	Combination	Max	Bottom	173628.4082	4307.2767	1950.7	18445.0812
10F RF	UDCon5	Combination	Min	Top	154822.6295	-699.9549	-1219.9756	-73933.1196
10F RF	UDCon5	Combination	Min	Bottom	172388.5929	-701.8737	-1222.9534	-74009.9185
10F RF	UDCon6	Combination	Max	Top	156165.9922	4452.8415	1810.5584	8783.9601
10F RF	UDCon6	Combination	Max	Bottom	173731.9556	4454.7603	1813.5362	8860.759
10F RF	UDCon6	Combination	Min	Top	154926.1769	-544.9578	-1356.1257	-83513.3575
10F RF	UDCon6	Combination	Min	Bottom	172492.1403	-554.3901	-1360.1173	-83594.2407
10F RF	UDCon7	Combination	Max	Top	154799.861	4404.7937	2032.9223	2741.0393
10F RF	UDCon7	Combination	Max	Bottom	172355.6801	4411.9754	2035.076	2829.8292
10F RF	UDCon7	Combination	Min	Top	153660.9986	-338.6406	-1132.7674	-72880.9149
10F RF	UDCon7	Combination	Min	Bottom	171216.8177	-348.9793	-1135.6689	-72962.5947
10F RF	UDCon8	Combination	Max	Top	154780.0971	4113.3693	1693.6601	7135.451
10F RF	UDCon8	Combination	Max	Bottom	172335.9162	4123.708	1696.5616	7217.1307
10F RF	UDCon8	Combination	Min	Top	153641.2347	-630.065	-1472.0295	-68486.5032
10F RF	UDCon8	Combination	Min	Bottom	171197.0538	-637.2467	-1474.1832	-68575.2931

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	UDCon9	Combination	Max	Top	154788.6818	4308.7654	1931.8634	18066.0458
10F RF	UDCon9	Combination	Max	Bottom	172344.5008	4318.1978	1935.855	18146.929
10F RF	UDCon9	Combination	Min	Top	153548.8665	-689.0339	-1234.8206	-74231.2718
10F RF	UDCon9	Combination	Min	Bottom	171104.6856	-690.9526	-1237.7984	-74308.0707
10F RF	UDCon10	Combination	Max	Top	154892.2292	4463.7625	1795.7133	8485.8079
10F RF	UDCon10	Combination	Max	Bottom	172448.0483	4465.6813	1798.6912	8562.6068
10F RF	UDCon10	Combination	Min	Top	153652.4139	-534.0367	-1370.9707	-83811.5097
10F RF	UDCon10	Combination	Min	Bottom	171208.233	-543.4691	-1374.9623	-83892.393
9F RF	Dead	LinStatic		Top	70824.2671	638.5407	284.3047	-9338.6272
9F RF	Dead	LinStatic		Bottom	77034.5668	638.5407	284.3047	-9338.6272
9F RF	Live	LinStatic		Top	4841.0231	-30.3464	49.7955	904.3223
9F RF	Live	LinStatic		Bottom	4874.8375	-30.3464	49.7955	904.3223
9F RF	FF	LinStatic		Top	55158.738	667.2763	85.93	-11223.6296
9F RF	FF	LinStatic		Bottom	60833.8377	667.2763	85.93	-11223.6296
9F RF	PW	LinStatic		Top	51718.1454	677.6139	53.3773	-11704.9394
9F RF	PW	LinStatic		Bottom	57388.565	677.6139	53.3773	-11704.9394
9F RF	Earthquake+x	LinStatic		Top	216.0598	-3775.8936	-56.5066	47328.8519
9F RF	Earthquake+x	LinStatic		Bottom	216.0598	-3787.7663	-56.5066	47399.5096
9F RF	Earthquake+y	LinStatic		Top	1562.4276	-1006.1246	-6021.2501	-68433.4664
9F RF	Earthquake+y	LinStatic		Bottom	1562.4276	-1006.1246	-6035.8872	-68714.4009
9F RF	TH-X Load Case	LinModHist	Max	Top	657.6374	2710.3194	1935.201	40010.9119
9F RF	TH-X Load Case	LinModHist	Max	Bottom	657.6374	2716.0653	1937.0732	40089.9055
9F RF	TH-X Load Case	LinModHist	Min	Top	-585.1335	-2430.2327	-1554.928	-44127.5706
9F RF	TH-X Load Case	LinModHist	Min	Bottom	-585.1335	-2439.2482	-1557.4609	-44195.9545
9F RF	TH-Y Load Case	LinModHist	Max	Top	688.4056	2675.8704	1834.2778	53914.8215
9F RF	TH-Y Load Case	LinModHist	Max	Bottom	688.4056	2684.4215	1837.7673	53971.5371
9F RF	TH-Y Load Case	LinModHist	Min	Top	-726.7623	-2620.0411	-1666.9439	-43734.7051
9F RF	TH-Y Load Case	LinModHist	Min	Bottom	-726.7623	-2619.4696	-1669.5274	-43790.5061
9F RF	UDCon1	Combination		Top	239896.553	2677.6318	571.8762	-43560.7148
9F RF	UDCon1	Combination		Bottom	263596.9088	2677.6318	571.8762	-43560.7148
9F RF	UDCon2	Combination		Top	247158.0876	2632.1122	646.5694	-42204.2313
9F RF	UDCon2	Combination		Bottom	270909.165	2632.1122	646.5694	-42204.2313
9F RF	UDCon3	Combination	Max	Top	179811.0947	4684.6464	2373.7517	8015.0125
9F RF	UDCon3	Combination	Max	Bottom	197377.0581	4690.3924	2375.6238	8094.006
9F RF	UDCon3	Combination	Min	Top	178568.3238	-455.9056	-1116.3774	-76123.4701
9F RF	UDCon3	Combination	Min	Bottom	196134.2872	-464.9212	-1118.9103	-76191.854
9F RF	UDCon4	Combination	Max	Top	179738.5908	4404.5597	1993.4787	12131.6711
9F RF	UDCon4	Combination	Max	Bottom	197304.5542	4413.5753	1996.0116	12200.055
9F RF	UDCon4	Combination	Min	Top	178495.8199	-735.9923	-1496.6504	-72006.8114
9F RF	UDCon4	Combination	Min	Bottom	196061.7833	-741.7383	-1498.5225	-72085.805
9F RF	UDCon5	Combination	Max	Top	179841.8629	4650.1974	2272.8284	21918.922
9F RF	UDCon5	Combination	Max	Bottom	197407.8263	4658.7485	2276.318	21975.6376
9F RF	UDCon5	Combination	Min	Top	178426.695	-645.7141	-1228.3933	-75730.6045
9F RF	UDCon5	Combination	Min	Bottom	195992.6584	-645.1425	-1230.9768	-75786.4056
9F RF	UDCon6	Combination	Max	Top	179880.2197	4594.3682	2105.4946	11738.8056

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	UDCon6	Combination	Max	Bottom	197446.1831	4593.7966	2108.0781	11794.6066
9F RF	UDCon6	Combination	Min	Top	178465.0517	-701.5433	-1395.7271	-85910.7209
9F RF	UDCon6	Combination	Min	Bottom	196031.0151	-710.0944	-1399.2167	-85967.4366
9F RF	UDCon7	Combination	Max	Top	178358.7878	4693.7503	2358.8131	7743.7158
9F RF	UDCon7	Combination	Max	Bottom	195914.6068	4699.4963	2360.6852	7822.7093
9F RF	UDCon7	Combination	Min	Top	177116.0169	-446.8017	-1131.316	-76394.7668
9F RF	UDCon7	Combination	Min	Bottom	194671.836	-455.8173	-1133.8489	-76463.1507
9F RF	UDCon8	Combination	Max	Top	178286.2839	4413.6636	1978.54	11860.3744
9F RF	UDCon8	Combination	Max	Bottom	195842.103	4422.6792	1981.0729	11928.7583
9F RF	UDCon8	Combination	Min	Top	177043.513	-726.8884	-1511.589	-72278.1081
9F RF	UDCon8	Combination	Min	Bottom	194599.3321	-732.6344	-1513.4611	-72357.1017
9F RF	UDCon9	Combination	Max	Top	178389.556	4659.3013	2257.8898	21647.6253
9F RF	UDCon9	Combination	Max	Bottom	195945.3751	4667.8524	2261.3794	21704.3409
9F RF	UDCon9	Combination	Min	Top	176974.3881	-636.6102	-1243.3319	-76001.9012
9F RF	UDCon9	Combination	Min	Bottom	194530.2071	-636.0386	-1245.9154	-76057.7023
9F RF	UDCon10	Combination	Max	Top	178427.9127	4603.4721	2090.5559	11467.5089
9F RF	UDCon10	Combination	Max	Bottom	195983.7318	4602.9005	2093.1394	11523.3099
9F RF	UDCon10	Combination	Min	Top	177012.7448	-692.4394	-1410.6658	-86182.0176
9F RF	UDCon10	Combination	Min	Bottom	194568.5639	-700.9905	-1414.1553	-86238.7333
8F RF	Dead	LinStatic		Top	80062.6101	673.4974	355.2477	-9268.3543
8F RF	Dead	LinStatic		Bottom	86272.9098	673.4974	355.2477	-9268.3543
8F RF	Live	LinStatic		Top	5435.2198	-23.8969	50.8019	797.9796
8F RF	Live	LinStatic		Bottom	5469.0342	-23.8969	50.8019	797.9796
8F RF	FF	LinStatic		Top	62435.2998	682.2077	152.4427	-10810.6532
8F RF	FF	LinStatic		Bottom	68110.3995	682.2077	152.4427	-10810.6532
8F RF	PW	LinStatic		Top	58574.656	687.6057	119.3077	-11207.6012
8F RF	PW	LinStatic		Bottom	64245.0757	687.6057	119.3077	-11207.6012
8F RF	Earthquake+x	LinStatic		Top	80.7466	-4141.9558	-27.444	53537.2325
8F RF	Earthquake+x	LinStatic		Bottom	80.7466	-4152.5092	-27.444	53600.0392
8F RF	Earthquake+y	LinStatic		Top	1759.3305	-970.9565	-6573.5952	-77312.584
8F RF	Earthquake+y	LinStatic		Bottom	1759.3305	-970.9565	-6586.606	-77562.3036
8F RF	TH-X Load Case	LinModHist	Max	Top	724.9018	2912.5479	2104.0803	44749.5198
8F RF	TH-X Load Case	LinModHist	Max	Bottom	724.9018	2916.9706	2105.6792	44818.6327
8F RF	TH-X Load Case	LinModHist	Min	Top	-582.3069	-2641.0852	-1684.9331	-48577.5066
8F RF	TH-X Load Case	LinModHist	Min	Bottom	-582.3069	-2648.8082	-1687.1029	-48633.4107
8F RF	TH-Y Load Case	LinModHist	Max	Top	806.3965	2948.4854	2005.9614	56658.2684
8F RF	TH-Y Load Case	LinModHist	Max	Bottom	806.3965	2956.1401	2008.9589	56693.3949
8F RF	TH-Y Load Case	LinModHist	Min	Top	-831.3696	-2643.86	-1805.8062	-45844.2785
8F RF	TH-Y Load Case	LinModHist	Min	Bottom	-831.3696	-2641.1663	-1808.0055	-45881.1065
8F RF	UDCon1	Combination		Top	271447.964	2758.4696	846.4474	-42236.9216
8F RF	UDCon1	Combination		Bottom	295148.3197	2758.4696	846.4474	-42236.9216
8F RF	UDCon2	Combination		Top	279600.7937	2722.6242	922.6503	-41039.9522
8F RF	UDCon2	Combination		Bottom	303351.8711	2722.6242	922.6503	-41039.9522
8F RF	UDCon3	Combination	Max	Top	203428.0336	4948.6897	2746.3189	13702.3051
8F RF	UDCon3	Combination	Max	Bottom	220993.997	4953.1123	2747.9179	13771.418

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	UDCon3	Combination	Min	Top	202120.825	-604.9434	-1042.6944	-79624.7213
8F RF	UDCon3	Combination	Min	Bottom	219686.7884	-612.6664	-1044.8643	-79680.6254
8F RF	UDCon4	Combination	Max	Top	203285.4388	4677.2269	2327.1717	17530.2918
8F RF	UDCon4	Combination	Max	Bottom	220851.4022	4684.9499	2329.3416	17586.196
8F RF	UDCon4	Combination	Min	Top	201978.2301	-876.4062	-1461.8416	-75796.7346
8F RF	UDCon4	Combination	Min	Bottom	219544.1935	-880.8289	-1463.4406	-75865.8474
8F RF	UDCon5	Combination	Max	Top	203509.5284	4984.6271	2648.2	25611.0537
8F RF	UDCon5	Combination	Max	Bottom	221075.4918	4992.2818	2651.1975	25646.1801
8F RF	UDCon5	Combination	Min	Top	201871.7622	-607.7183	-1163.5676	-76891.4932
8F RF	UDCon5	Combination	Min	Bottom	219437.7256	-605.0246	-1165.7669	-76928.3213
8F RF	UDCon6	Combination	Max	Top	203534.5015	4680.0018	2448.0449	14797.0637
8F RF	UDCon6	Combination	Max	Bottom	221100.4649	4677.3081	2450.2442	14833.8918
8F RF	UDCon6	Combination	Min	Top	201896.7353	-912.3436	-1363.7227	-87705.4831
8F RF	UDCon6	Combination	Min	Bottom	219462.6987	-919.9983	-1366.7202	-87740.6096
8F RF	UDCon7	Combination	Max	Top	201797.4677	4955.8588	2731.0783	13462.9112
8F RF	UDCon7	Combination	Max	Bottom	219353.2868	4960.2814	2732.6773	13532.0241
8F RF	UDCon7	Combination	Min	Top	200490.259	-597.7744	-1057.935	-79864.1152
8F RF	UDCon7	Combination	Min	Bottom	218046.0781	-605.4973	-1060.1048	-79920.0193
8F RF	UDCon8	Combination	Max	Top	201654.8728	4684.396	2311.9312	17290.8979
8F RF	UDCon8	Combination	Max	Bottom	219210.6919	4692.119	2314.101	17346.8021
8F RF	UDCon8	Combination	Min	Top	200347.6642	-869.2371	-1477.0822	-76036.1284
8F RF	UDCon8	Combination	Min	Bottom	217903.4832	-873.6598	-1478.6811	-76105.2413
8F RF	UDCon9	Combination	Max	Top	201878.9625	4991.7962	2632.9594	25371.6598
8F RF	UDCon9	Combination	Max	Bottom	219434.7815	4999.4509	2635.957	25406.7863
8F RF	UDCon9	Combination	Min	Top	200241.1963	-600.5492	-1178.8082	-77130.8871
8F RF	UDCon9	Combination	Min	Bottom	217797.0154	-597.8555	-1181.0075	-77167.7151
8F RF	UDCon10	Combination	Max	Top	201903.9356	4687.1708	2432.8043	14557.6698
8F RF	UDCon10	Combination	Max	Bottom	219459.7546	4684.4772	2435.0036	14594.4979
8F RF	UDCon10	Combination	Min	Top	200266.1694	-905.1745	-1378.9633	-87944.877
8F RF	UDCon10	Combination	Min	Bottom	217821.9885	-912.8293	-1381.9608	-87980.0035
7F RF	Dead	LinStatic		Top	89184.148	682.1379	455.3783	-9591.5549
7F RF	Dead	LinStatic		Bottom	95394.4477	682.1379	455.3783	-9591.5549
7F RF	Live	LinStatic		Top	6024.2613	-17.198	52.674	635.5599
7F RF	Live	LinStatic		Bottom	6058.0758	-17.198	52.674	635.5599
7F RF	FF	LinStatic		Top	69614.7795	669.9189	245.5586	-10570.3553
7F RF	FF	LinStatic		Bottom	75289.8792	669.9189	245.5586	-10570.3553
7F RF	PW	LinStatic		Top	65337.3286	669.6005	211.3823	-10831.7636
7F RF	PW	LinStatic		Bottom	71007.7483	669.6005	211.3823	-10831.7636
7F RF	Earthquake+x	LinStatic		Top	-106.2397	-4572.6779	12.8633	61299.512
7F RF	Earthquake+x	LinStatic		Bottom	-106.2397	-4581.9122	12.8633	61354.4679
7F RF	Earthquake+y	LinStatic		Top	2009.1072	-814.9047	-7107.951	-88005.017
7F RF	Earthquake+y	LinStatic		Bottom	2009.1072	-814.9047	-7119.3353	-88223.5216
7F RF	TH-X Load Case	LinModHist	Max	Top	788.3007	3163.5843	2260.2163	50491.7075
7F RF	TH-X Load Case	LinModHist	Max	Bottom	788.3007	3166.8209	2261.5513	50550.8869
7F RF	TH-X Load Case	LinModHist	Min	Top	-614.5866	-2883.75	-1805.4284	-54157.1279

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
7F RF	TH-X Load Case	LinModHist	Min	Bottom	-614.5866	-2890.2303	-1807.2427	-54201.5194
7F RF	TH-Y Load Case	LinModHist	Max	Top	933.3047	3269.7629	2172.6999	60106.941
7F RF	TH-Y Load Case	LinModHist	Max	Bottom	933.3047	3276.5138	2175.2175	60152.9896
7F RF	TH-Y Load Case	LinModHist	Min	Top	-1002.5619	-2828.3948	-1934.5404	-48595.2591
7F RF	TH-Y Load Case	LinModHist	Min	Bottom	-1002.5619	-2829.1886	-1936.368	-48693.0889
7F RF	UDCon1	Combination		Top	302583.9458	2729.2374	1231.6309	-41841.4597
7F RF	UDCon1	Combination		Bottom	326284.3015	2729.2374	1231.6309	-41841.4597
7F RF	UDCon2	Combination		Top	311620.3378	2703.4404	1310.6419	-40888.1199
7F RF	UDCon2	Combination		Bottom	335371.4152	2703.4404	1310.6419	-40888.1199
7F RF	UDCon3	Combination	Max	Top	226731.8352	5180.0822	3188.3377	19688.7016
7F RF	UDCon3	Combination	Max	Bottom	244297.7986	5183.3189	3189.6726	19747.881
7F RF	UDCon3	Combination	Min	Top	225328.9479	-867.2521	-877.307	-84960.1338
7F RF	UDCon3	Combination	Min	Bottom	242894.9113	-873.7323	-879.1213	-85004.5253
7F RF	UDCon4	Combination	Max	Top	226558.1211	4900.248	2733.5498	23354.122
7F RF	UDCon4	Combination	Max	Bottom	244124.0845	4906.7282	2735.364	23398.5135
7F RF	UDCon4	Combination	Min	Top	225155.2338	-1147.0863	-1332.0949	-81294.7134
7F RF	UDCon4	Combination	Min	Bottom	242721.1972	-1150.323	-1333.4299	-81353.8928
7F RF	UDCon5	Combination	Max	Top	226876.8393	5286.2608	3100.8212	29303.9351
7F RF	UDCon5	Combination	Max	Bottom	244442.8027	5293.0117	3103.3388	29349.9837
7F RF	UDCon5	Combination	Min	Top	224940.9726	-811.8968	-1006.4191	-79398.265
7F RF	UDCon5	Combination	Min	Bottom	242506.936	-812.6906	-1008.2466	-79496.0948
7F RF	UDCon6	Combination	Max	Top	226946.0964	4844.8927	2862.6618	17792.2532
7F RF	UDCon6	Combination	Max	Bottom	244512.0599	4845.6865	2864.4893	17890.083
7F RF	UDCon6	Combination	Min	Top	225010.2298	-1253.2649	-1244.5785	-90909.9469
7F RF	UDCon6	Combination	Min	Bottom	242576.1932	-1260.0158	-1247.0961	-90955.9955
7F RF	UDCon7	Combination	Max	Top	224924.5568	5185.2416	3172.5354	19498.0336
7F RF	UDCon7	Combination	Max	Bottom	242480.3759	5188.4783	3173.8704	19557.213
7F RF	UDCon7	Combination	Min	Top	223521.6695	-862.0927	-893.1092	-85150.8018
7F RF	UDCon7	Combination	Min	Bottom	241077.4886	-868.573	-894.9235	-85195.1932
7F RF	UDCon8	Combination	Max	Top	224750.8427	4905.4074	2717.7476	23163.454
7F RF	UDCon8	Combination	Max	Bottom	242306.6618	4911.8876	2719.5618	23207.8455
7F RF	UDCon8	Combination	Min	Top	223347.9554	-1141.9269	-1347.8971	-81485.3813
7F RF	UDCon8	Combination	Min	Bottom	240903.7745	-1145.1636	-1349.2321	-81544.5607
7F RF	UDCon9	Combination	Max	Top	225069.5609	5291.4202	3085.019	29113.2672
7F RF	UDCon9	Combination	Max	Bottom	242625.3799	5298.1711	3087.5366	29159.3157
7F RF	UDCon9	Combination	Min	Top	223133.6942	-806.7374	-1022.2213	-79588.9329
7F RF	UDCon9	Combination	Min	Bottom	240689.5133	-807.5312	-1024.0488	-79686.7627
7F RF	UDCon10	Combination	Max	Top	225138.8181	4850.0521	2846.8596	17601.5852
7F RF	UDCon10	Combination	Max	Bottom	242694.6371	4850.8459	2848.6871	17699.415
7F RF	UDCon10	Combination	Min	Top	223202.9514	-1248.1055	-1260.3807	-91100.6149
7F RF	UDCon10	Combination	Min	Bottom	240758.7705	-1254.8564	-1262.8983	-91146.6635
6F RF	Dead	LinStatic		Top	98032.9691	673.1247	592.5549	-11765.0486
6F RF	Dead	LinStatic		Bottom	104243.2688	673.1247	592.5549	-11765.0486
6F RF	Live	LinStatic		Top	6599.7706	-8.6753	55.8544	321.8911
6F RF	Live	LinStatic		Bottom	6633.585	-8.6753	55.8544	321.8911

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	FF	LinStatic		Top	76571.9878	633.9242	372.6048	-11600.6274
6F RF	FF	LinStatic		Bottom	82247.0875	633.9242	372.6048	-11600.6274
6F RF	PW	LinStatic		Top	71886.6798	625.6307	336.6642	-11600.9222
6F RF	PW	LinStatic		Bottom	77557.0995	625.6307	336.6642	-11600.9222
6F RF	Earthquake+x	LinStatic		Top	-358.5197	-5111.2023	75.9389	71872.4262
6F RF	Earthquake+x	LinStatic		Bottom	-358.5197	-5119.1174	75.9389	71919.5312
6F RF	Earthquake+y	LinStatic		Top	2323.9651	-457.0769	-7642.3856	-102260.0116
6F RF	Earthquake+y	LinStatic		Bottom	2323.9651	-457.0769	-7652.1436	-102447.3012
6F RF	TH-X Load Case	LinModHist	Max	Top	851.3473	3507.0638	2405.1876	58212.4134
6F RF	TH-X Load Case	LinModHist	Max	Bottom	851.3473	3509.2708	2406.2704	58261.6469
6F RF	TH-X Load Case	LinModHist	Min	Top	-709.3275	-3323.9462	-1918.8485	-61997.8458
6F RF	TH-X Load Case	LinModHist	Min	Bottom	-709.3275	-3335.4791	-1920.3173	-62031.8094
6F RF	TH-Y Load Case	LinModHist	Max	Top	1076.5063	3671.2536	2343.7733	70977.0745
6F RF	TH-Y Load Case	LinModHist	Max	Bottom	1076.5063	3677.1024	2345.8259	71087.964
6F RF	TH-Y Load Case	LinModHist	Min	Top	-1203.0996	-3298.3237	-2056.3205	-60080.9409
6F RF	TH-Y Load Case	LinModHist	Min	Bottom	-1203.0996	-3310.1254	-2057.7913	-60172.5207
6F RF	UDCon1	Combination		Top	332763.7096	2609.1174	1757.4622	-47204.9075
6F RF	UDCon1	Combination		Bottom	356464.0653	2609.1174	1757.4622	-47204.9075
6F RF	UDCon2	Combination		Top	342663.3654	2596.1044	1841.2438	-46722.0709
6F RF	UDCon2	Combination		Bottom	366414.4428	2596.1044	1841.2438	-46722.0709
6F RF	UDCon3	Combination	Max	Top	249322.9152	5437.1408	3723.7678	23342.3825
6F RF	UDCon3	Combination	Max	Bottom	266888.8786	5439.3477	3724.8506	23391.6161
6F RF	UDCon3	Combination	Min	Top	247762.2404	-1393.8693	-600.2683	-96867.8767
6F RF	UDCon3	Combination	Min	Bottom	265328.2038	-1405.4021	-601.7371	-96901.8403
6F RF	UDCon4	Combination	Max	Top	249180.8954	5254.0232	3237.4287	27127.815
6F RF	UDCon4	Combination	Max	Bottom	266746.8588	5265.5561	3238.8975	27161.7786
6F RF	UDCon4	Combination	Min	Top	247620.2206	-1576.9868	-1086.6074	-93082.4442
6F RF	UDCon4	Combination	Min	Bottom	265186.184	-1579.1938	-1087.6902	-93131.6778
6F RF	UDCon5	Combination	Max	Top	249548.0742	5601.3305	3662.3535	36107.0436
6F RF	UDCon5	Combination	Max	Bottom	267114.0376	5607.1794	3664.4061	36217.9331
6F RF	UDCon5	Combination	Min	Top	247268.4683	-1368.2468	-737.7403	-94950.9718
6F RF	UDCon5	Combination	Min	Bottom	264834.4317	-1380.0484	-739.211	-95042.5515
6F RF	UDCon6	Combination	Max	Top	249674.6675	5228.4007	3374.9007	25210.9101
6F RF	UDCon6	Combination	Max	Bottom	267240.6309	5240.2024	3376.3715	25302.4898
6F RF	UDCon6	Combination	Min	Top	247395.0615	-1741.1766	-1025.1931	-105847.1053
6F RF	UDCon6	Combination	Min	Bottom	264961.025	-1747.0255	-1027.2457	-105957.9948
6F RF	UDCon7	Combination	Max	Top	247342.984	5439.7434	3707.0115	23245.8152
6F RF	UDCon7	Combination	Max	Bottom	264898.8031	5441.9503	3708.0943	23295.0487
6F RF	UDCon7	Combination	Min	Top	245782.3092	-1391.2667	-617.0246	-96964.444
6F RF	UDCon7	Combination	Min	Bottom	263338.1283	-1402.7995	-618.4934	-96998.4076
6F RF	UDCon8	Combination	Max	Top	247200.9642	5256.6258	3220.6724	27031.2476
6F RF	UDCon8	Combination	Max	Bottom	264756.7833	5268.1587	3222.1411	27065.2113
6F RF	UDCon8	Combination	Min	Top	245640.2894	-1574.3842	-1103.3637	-93179.0115
6F RF	UDCon8	Combination	Min	Bottom	263196.1085	-1576.5912	-1104.4465	-93228.2451
6F RF	UDCon9	Combination	Max	Top	247568.143	5603.9331	3645.5972	36010.4763

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	UDCon9	Combination	Max	Bottom	265123.9621	5609.782	3647.6498	36121.3658
6F RF	UDCon9	Combination	Min	Top	245288.5371	-1365.6442	-754.4966	-95047.5391
6F RF	UDCon9	Combination	Min	Bottom	262844.3562	-1377.4458	-755.9674	-95139.1188
6F RF	UDCon10	Combination	Max	Top	247694.7363	5231.0033	3358.1444	25114.3428
6F RF	UDCon10	Combination	Max	Bottom	265250.5554	5242.805	3359.6151	25205.9225
6F RF	UDCon10	Combination	Min	Top	245415.1304	-1738.574	-1041.9494	-105943.6727
6F RF	UDCon10	Combination	Min	Bottom	262970.9494	-1744.4229	-1044.002	-106054.5622
5F RF	Dead	LinStatic		Top	106472.1381	653.2637	848.7789	-17476.701
5F RF	Dead	LinStatic		Bottom	112682.4378	653.2637	848.7789	-17476.701
5F RF	Live	LinStatic		Top	7155.4813	3.8628	65.5798	-260.5559
5F RF	Live	LinStatic		Bottom	7189.2957	3.8628	65.5798	-260.5559
5F RF	FF	LinStatic		Top	83194.5061	575.1611	600.157	-15178.5658
5F RF	FF	LinStatic		Bottom	88869.6058	575.1611	600.157	-15178.5658
5F RF	PW	LinStatic		Top	78114.4687	554.6162	558.0851	-14699.5418
5F RF	PW	LinStatic		Bottom	83784.8884	554.6162	558.0851	-14699.5418
5F RF	Earthquake+x	LinStatic		Top	-734.8294	-5784.1882	147.3767	85955.4078
5F RF	Earthquake+x	LinStatic		Bottom	-734.8294	-5790.7841	147.3767	85994.662
5F RF	Earthquake+y	LinStatic		Top	2715.3111	211.9283	-8185.9803	-122086.5018
5F RF	Earthquake+y	LinStatic		Bottom	2715.3111	211.9283	-8194.112	-122242.5765
5F RF	TH-X Load Case	LinModHist	Max	Top	1022.1909	3981.6285	2530.7782	68740.05
5F RF	TH-X Load Case	LinModHist	Max	Bottom	1022.1909	3982.9743	2531.6263	68779.3921
5F RF	TH-X Load Case	LinModHist	Min	Top	-901.0832	-3933.2744	-2025.253	-72923.8961
5F RF	TH-X Load Case	LinModHist	Min	Bottom	-901.0832	-3943.938	-2026.3907	-72948.5965
5F RF	TH-Y Load Case	LinModHist	Max	Top	1265.1225	4172.3555	2514.1086	87878.2448
5F RF	TH-Y Load Case	LinModHist	Max	Bottom	1265.1225	4177.3153	2515.7157	87977.1936
5F RF	TH-Y Load Case	LinModHist	Min	Top	-1480.6539	-3901.6051	-2170.4445	-74797.8536
5F RF	TH-Y Load Case	LinModHist	Min	Bottom	-1480.6539	-3912.7793	-2171.5771	-74881.3584
5F RF	UDCon1	Combination		Top	361504.5026	2407.1053	2709.4783	-63928.9915
5F RF	UDCon1	Combination		Bottom	385204.8583	2407.1053	2709.4783	-63928.9915
5F RF	UDCon2	Combination		Top	372237.7244	2412.8994	2807.848	-64319.8254
5F RF	UDCon2	Combination		Bottom	395988.8019	2412.8994	2807.848	-64319.8254
5F RF	UDCon3	Combination	Max	Top	270949.9483	5765.8283	4557.4731	21307.0747
5F RF	UDCon3	Combination	Max	Bottom	288515.9117	5767.174	4558.3212	21346.4168
5F RF	UDCon3	Combination	Min	Top	269026.6742	-2149.0747	1.4419	-120356.8714
5F RF	UDCon3	Combination	Min	Bottom	286592.6376	-2159.7382	0.3043	-120381.5718
5F RF	UDCon4	Combination	Max	Top	270828.8406	5717.4742	4051.948	25490.9207
5F RF	UDCon4	Combination	Max	Bottom	288394.804	5728.1377	4053.0856	25515.6212
5F RF	UDCon4	Combination	Min	Top	268905.5665	-2197.4288	-504.0833	-116173.0253
5F RF	UDCon4	Combination	Min	Bottom	286471.5299	-2198.7745	-504.9314	-116212.3674
5F RF	UDCon5	Combination	Max	Top	271192.8799	5956.5553	4540.8035	40445.2695
5F RF	UDCon5	Combination	Max	Bottom	288758.8433	5961.5151	4542.4106	40544.2183
5F RF	UDCon5	Combination	Min	Top	268447.1035	-2117.4053	-143.7496	-122230.829
5F RF	UDCon5	Combination	Min	Bottom	286013.0669	-2128.5795	-144.8822	-122314.3337
5F RF	UDCon6	Combination	Max	Top	271408.4112	5685.8048	4197.1394	27364.8783
5F RF	UDCon6	Combination	Max	Bottom	288974.3746	5696.9791	4198.2721	27448.3831

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	UDCon6	Combination	Min	Top	268662.6349	-2388.1558	-487.4137	-135311.2201
5F RF	UDCon6	Combination	Min	Bottom	286228.5983	-2393.1155	-489.0207	-135410.1689
5F RF	UDCon7	Combination	Max	Top	268803.3039	5764.6695	4537.7992	21385.2415
5F RF	UDCon7	Combination	Max	Bottom	286359.123	5766.0152	4538.6473	21424.5836
5F RF	UDCon7	Combination	Min	Top	266880.0298	-2150.2335	-18.232	-120278.7046
5F RF	UDCon7	Combination	Min	Bottom	284435.8489	-2160.897	-19.3697	-120303.405
5F RF	UDCon8	Combination	Max	Top	268682.1962	5716.3154	4032.274	25569.0875
5F RF	UDCon8	Combination	Max	Bottom	286238.0152	5726.9789	4033.4116	25593.788
5F RF	UDCon8	Combination	Min	Top	266758.9221	-2198.5876	-523.7572	-116094.8586
5F RF	UDCon8	Combination	Min	Bottom	284314.7412	-2199.9334	-524.6053	-116134.2006
5F RF	UDCon9	Combination	Max	Top	269046.2355	5955.3965	4521.1296	40523.4363
5F RF	UDCon9	Combination	Max	Bottom	286602.0546	5960.3562	4522.7367	40622.385
5F RF	UDCon9	Combination	Min	Top	266300.4592	-2118.5641	-163.4235	-122152.6622
5F RF	UDCon9	Combination	Min	Bottom	283856.2782	-2129.7384	-164.5561	-122236.167
5F RF	UDCon10	Combination	Max	Top	269261.7669	5684.646	4177.4655	27443.0451
5F RF	UDCon10	Combination	Max	Bottom	286817.5859	5695.8202	4178.5981	27526.5499
5F RF	UDCon10	Combination	Min	Top	266515.9905	-2389.3146	-507.0876	-135233.0534
5F RF	UDCon10	Combination	Min	Bottom	284071.8096	-2394.2744	-508.6947	-135332.0021
4F RF	Dead	LinStatic		Top	113396.6165	847.9939	698.9198	-46990.9001
4F RF	Dead	LinStatic		Bottom	119606.9162	847.9939	698.9198	-46990.9001
4F RF	Live	LinStatic		Top	7638.08	30.3965	58.7428	-2106.1288
4F RF	Live	LinStatic		Bottom	7671.8945	30.3965	58.7428	-2106.1288
4F RF	FF	LinStatic		Top	88588.4904	683.8526	498.1622	-37842.1735
4F RF	FF	LinStatic		Bottom	94263.59	683.8526	498.1622	-37842.1735
4F RF	PW	LinStatic		Top	83164.4868	640.3176	461.1458	-35977.0525
4F RF	PW	LinStatic		Bottom	88834.9065	640.3176	461.1458	-35977.0525
4F RF	Earthquake+x	LinStatic		Top	-1285.7027	-6448.246	195.2708	100410.1293
4F RF	Earthquake+x	LinStatic		Bottom	-1285.7027	-6453.5227	195.2708	100441.5327
4F RF	Earthquake+y	LinStatic		Top	2821.0261	1180.4833	-8727.0464	-150360.8128
4F RF	Earthquake+y	LinStatic		Bottom	2821.0261	1180.4833	-8733.5518	-150485.6726
4F RF	TH-X Load Case	LinModHist	Max	Top	1437.1814	4492.7251	2593.2472	82711.492
4F RF	TH-X Load Case	LinModHist	Max	Bottom	1437.1814	4493.3804	2593.8902	82741.1159
4F RF	TH-X Load Case	LinModHist	Min	Top	-1042.5046	-4529.8785	-2107.8537	-84989.8272
4F RF	TH-X Load Case	LinModHist	Min	Bottom	-1042.5046	-4539.4664	-2108.6805	-85006.421
4F RF	TH-Y Load Case	LinModHist	Max	Top	1459.4393	4669.1302	2652.0304	107806.8913
4F RF	TH-Y Load Case	LinModHist	Max	Bottom	1459.4393	4673.2291	2653.2178	107892.772
4F RF	TH-Y Load Case	LinModHist	Min	Top	-1859.5896	-4661.4019	-2317.8985	-91502.8768
4F RF	TH-Y Load Case	LinModHist	Min	Bottom	-1859.5896	-4671.1364	-2319.7656	-91577.062
4F RF	UDCon1	Combination		Top	384951.9515	2932.4216	2238.6075	-163093.6703
4F RF	UDCon1	Combination		Bottom	408652.3072	2932.4216	2238.6075	-163093.6703
4F RF	UDCon2	Combination		Top	396409.0716	2978.0163	2326.7217	-166252.8636
4F RF	UDCon2	Combination		Bottom	420160.149	2978.0163	2326.7217	-166252.8636
4F RF	UDCon3	Combination	Max	Top	288878.1991	6674.0082	4269.0978	-38730.4728
4F RF	UDCon3	Combination	Max	Bottom	306444.1626	6674.6635	4269.7408	-38700.8489
4F RF	UDCon3	Combination	Min	Top	286398.5131	-2348.5954	-432.0031	-206431.792

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	UDCon3	Combination	Min	Bottom	303964.4765	-2358.1833	-432.8299	-206448.3858
4F RF	UDCon4	Combination	Max	Top	288483.5223	6711.1616	3783.7043	-36452.1376
4F RF	UDCon4	Combination	Max	Bottom	306049.4857	6720.7495	3784.5311	-36435.5438
4F RF	UDCon4	Combination	Min	Top	286003.8363	-2311.442	-917.3966	-204153.4568
4F RF	UDCon4	Combination	Min	Bottom	303569.7997	-2312.0973	-918.0396	-204183.0807
4F RF	UDCon5	Combination	Max	Top	288900.457	6850.4133	4327.881	-13635.0736
4F RF	UDCon5	Combination	Max	Bottom	306466.4204	6854.5122	4329.0684	-13549.1928
4F RF	UDCon5	Combination	Min	Top	285581.4281	-2480.1188	-642.0479	-212944.8416
4F RF	UDCon5	Combination	Min	Bottom	303147.3915	-2489.8533	-643.915	-213019.0268
4F RF	UDCon6	Combination	Max	Top	289300.6073	6842.6849	3993.7491	-29939.088
4F RF	UDCon6	Combination	Max	Bottom	306866.5707	6852.4195	3995.6162	-29864.9028
4F RF	UDCon6	Combination	Min	Top	285981.5784	-2487.8472	-976.1798	-229248.8561
4F RF	UDCon6	Combination	Min	Bottom	303547.5418	-2491.946	-977.3672	-229334.7368
4F RF	UDCon7	Combination	Max	Top	286586.7751	6664.8892	4251.475	-38098.6341
4F RF	UDCon7	Combination	Max	Bottom	304142.5942	6665.5445	4252.1179	-38069.0103
4F RF	UDCon7	Combination	Min	Top	284107.0891	-2357.7144	-449.626	-205799.9534
4F RF	UDCon7	Combination	Min	Bottom	301662.9082	-2367.3023	-450.4527	-205816.5471
4F RF	UDCon8	Combination	Max	Top	286192.0983	6702.0426	3766.0815	-35820.2989
4F RF	UDCon8	Combination	Max	Bottom	303747.9173	6711.6305	3766.9082	-35803.7052
4F RF	UDCon8	Combination	Min	Top	283712.4123	-2320.561	-935.0195	-203521.6182
4F RF	UDCon8	Combination	Min	Bottom	301268.2313	-2321.2163	-935.6624	-203551.242
4F RF	UDCon9	Combination	Max	Top	286609.033	6841.2944	4310.2581	-13003.2349
4F RF	UDCon9	Combination	Max	Bottom	304164.8521	6845.3932	4311.4456	-12917.3541
4F RF	UDCon9	Combination	Min	Top	283290.0041	-2489.2377	-659.6707	-212313.003
4F RF	UDCon9	Combination	Min	Bottom	300845.8232	-2498.9723	-661.5378	-212387.1881
4F RF	UDCon10	Combination	Max	Top	287009.1833	6833.566	3976.1262	-29307.2493
4F RF	UDCon10	Combination	Max	Bottom	304565.0024	6843.3005	3977.9933	-29233.0642
4F RF	UDCon10	Combination	Min	Top	283690.1544	-2496.9661	-993.8026	-228617.0174
4F RF	UDCon10	Combination	Min	Bottom	301245.9735	-2501.065	-994.9901	-228702.8982
3F RF	Dead	LinStatic		Top	122033.1153	1169.0161	4150.7121	29090.888
3F RF	Dead	LinStatic		Bottom	128243.415	1169.0161	4150.7121	29090.888
3F RF	Live	LinStatic		Top	8195.7287	71.0536	227.9477	1294.7387
3F RF	Live	LinStatic		Bottom	8229.5431	71.0536	227.9477	1294.7387
3F RF	FF	LinStatic		Top	95396.6115	878.2422	3343.9103	25655.2447
3F RF	FF	LinStatic		Bottom	101071.7112	878.2422	3343.9103	25655.2447
3F RF	PW	LinStatic		Top	89577.577	799.7556	3191.956	25362.2596
3F RF	PW	LinStatic		Bottom	95247.9967	799.7556	3191.956	25362.2596
3F RF	Earthquake+x	LinStatic		Top	-384.7773	-7336.4209	1496.0315	137876.7115
3F RF	Earthquake+x	LinStatic		Bottom	-384.7773	-7340.3784	1496.0315	137900.2641
3F RF	Earthquake+y	LinStatic		Top	3196.2559	2422.4809	-8924.1339	-179651.7139
3F RF	Earthquake+y	LinStatic		Bottom	3196.2559	2422.4809	-8929.0129	-179745.3587
3F RF	TH-X Load Case	LinModHist	Max	Top	1126.7153	5223.1476	2830.7907	102847.4601
3F RF	TH-X Load Case	LinModHist	Max	Bottom	1126.7153	5223.2811	2831.2785	102867.9443
3F RF	TH-X Load Case	LinModHist	Min	Top	-933.2532	-5153.422	-2379.9844	-115354.0043
3F RF	TH-X Load Case	LinModHist	Min	Bottom	-933.2532	-5161.7833	-2380.0452	-115363.6903

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	TH-Y Load Case	LinModHist	Max	Top	1419.5841	5497.3179	3279.8721	136774.2163
3F RF	TH-Y Load Case	LinModHist	Max	Bottom	1419.5841	5505.8835	3280.6829	136847.0885
3F RF	TH-Y Load Case	LinModHist	Min	Top	-1544.7152	-5657.3086	-3023.9804	-117811.3566
3F RF	TH-Y Load Case	LinModHist	Min	Bottom	-1544.7152	-5666.0845	-3024.5538	-117875.9617
3F RF	UDCon1	Combination		Top	414459.8602	3843.4688	14426.8809	108146.3296
3F RF	UDCon1	Combination		Bottom	438160.216	3843.4688	14426.8809	108146.3296
3F RF	UDCon2	Combination		Top	426753.4533	3950.0491	14768.8025	110088.4376
3F RF	UDCon2	Combination		Bottom	450504.5307	3950.0491	14768.8025	110088.4376
3F RF	UDCon3	Combination	Max	Top	310592.7378	8091.4776	13585.7534	183344.2741
3F RF	UDCon3	Combination	Max	Bottom	328158.7012	8091.6111	13586.2413	183364.7582
3F RF	UDCon3	Combination	Min	Top	308532.7693	-2285.092	8374.9783	-34857.1904
3F RF	UDCon3	Combination	Min	Bottom	326098.7327	-2293.4533	8374.9175	-34866.8764
3F RF	UDCon4	Combination	Max	Top	310399.2757	8021.752	13134.9471	195850.8183
3F RF	UDCon4	Combination	Max	Bottom	327965.2391	8030.1133	13135.0079	195860.5043
3F RF	UDCon4	Combination	Min	Top	308339.3072	-2354.8177	7924.1721	-22350.6462
3F RF	UDCon4	Combination	Min	Bottom	325905.2706	-2354.9511	7923.6842	-22371.1304
3F RF	UDCon5	Combination	Max	Top	310885.6066	8365.6479	14034.8349	217271.0302
3F RF	UDCon5	Combination	Max	Bottom	328451.57	8374.2135	14035.6457	217343.9025
3F RF	UDCon5	Combination	Min	Top	307921.3073	-2788.9786	7730.9823	-37314.5426
3F RF	UDCon5	Combination	Min	Bottom	325487.2707	-2797.7546	7730.4089	-37379.1478
3F RF	UDCon6	Combination	Max	Top	311010.7377	8525.6386	13778.9432	198308.1705
3F RF	UDCon6	Combination	Max	Bottom	328576.7011	8534.4145	13779.5166	198372.7757
3F RF	UDCon6	Combination	Min	Top	308046.4384	-2628.988	7475.0906	-56277.4024
3F RF	UDCon6	Combination	Min	Bottom	325612.4018	-2637.5535	7474.2798	-56350.2746
3F RF	UDCon7	Combination	Max	Top	308134.0192	8070.1616	13517.3691	182955.8525
3F RF	UDCon7	Combination	Max	Bottom	325689.8383	8070.295	13517.857	182976.3366
3F RF	UDCon7	Combination	Min	Top	306074.0507	-2306.4081	8306.594	-35245.612
3F RF	UDCon7	Combination	Min	Bottom	323629.8698	-2314.7694	8306.5332	-35255.298
3F RF	UDCon8	Combination	Max	Top	307940.5571	8000.4359	13066.5628	195462.3967
3F RF	UDCon8	Combination	Max	Bottom	325496.3761	8008.7972	13066.6236	195472.0827
3F RF	UDCon8	Combination	Min	Top	305880.5886	-2376.1337	7855.7878	-22739.0678
3F RF	UDCon8	Combination	Min	Bottom	323436.4076	-2376.2672	7855.2999	-22759.552
3F RF	UDCon9	Combination	Max	Top	308426.8879	8344.3318	13966.4506	216882.6086
3F RF	UDCon9	Combination	Max	Bottom	325982.707	8352.8974	13967.2613	216955.4809
3F RF	UDCon9	Combination	Min	Top	305462.5887	-2810.2947	7662.598	-37702.9642
3F RF	UDCon9	Combination	Min	Bottom	323018.4078	-2819.0706	7662.0246	-37767.5694
3F RF	UDCon10	Combination	Max	Top	308552.0191	8504.3225	13710.5589	197919.7489
3F RF	UDCon10	Combination	Max	Bottom	326107.8382	8513.0985	13711.1323	197984.3541
3F RF	UDCon10	Combination	Min	Top	305587.7198	-2650.304	7406.7063	-56665.824
3F RF	UDCon10	Combination	Min	Bottom	323143.5389	-2658.8696	7405.8955	-56738.6962
2F RF	Dead	LinStatic		Top	127650.9538	947.9796	-10881.1239	-307947.9736
2F RF	Dead	LinStatic		Bottom	136896.2431	947.9796	-10881.1239	-307947.9736
2F RF	Live	LinStatic		Top	8484.2891	98.1382	-590.0715	-16753.9637
2F RF	Live	LinStatic		Bottom	8518.1035	98.1382	-590.0715	-16753.9637
2F RF	FF	LinStatic		Top	99971.8867	634.9284	-8840.9306	-247836.4229

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	FF	LinStatic		Bottom	108681.9761	634.9284	-8840.9306	-247836.4229
2F RF	PW	LinStatic		Top	93980.9535	531.1505	-8418.0575	-235449.0098
2F RF	PW	LinStatic		Bottom	102686.3628	531.1505	-8418.0575	-235449.0098
2F RF	Earthquake+x	LinStatic		Top	5418.5946	-7874.6425	19.3882	67092.5649
2F RF	Earthquake+x	LinStatic		Bottom	5418.5946	-7877.2808	19.3882	67108.2666
2F RF	Earthquake+y	LinStatic		Top	-2738.4299	3067.2878	-11509.8652	-236081.3972
2F RF	Earthquake+y	LinStatic		Bottom	-2738.4299	3067.2878	-11513.1179	-236143.827
2F RF	TH-X Load Case	LinModHist	Max	Top	4459.9474	5779.3517	3941.7444	90803.6902
2F RF	TH-X Load Case	LinModHist	Max	Bottom	4459.9474	5779.1104	3942.2223	90815.6396
2F RF	TH-X Load Case	LinModHist	Min	Top	-3854.9281	-5107.2416	-2937.3225	-105398.8759
2F RF	TH-X Load Case	LinModHist	Min	Bottom	-3854.9281	-5114.2901	-2937.6651	-105422.791
2F RF	TH-Y Load Case	LinModHist	Max	Top	4638.3391	5734.5564	3491.042	112901.3094
2F RF	TH-Y Load Case	LinModHist	Max	Bottom	4638.3391	5741.9984	3491.5532	112964.1432
2F RF	TH-Y Load Case	LinModHist	Min	Top	-4399.0836	-5949.664	-3126.4446	-96244.1068
2F RF	TH-Y Load Case	LinModHist	Min	Bottom	-4399.0836	-5957.3464	-3126.7805	-96261.4518
2F RF	UDCon1	Combination		Top	434165.1218	2853.9789	-37989.1512	-1068165
2F RF	UDCon1	Combination		Bottom	470157.1857	2853.9789	-37989.1512	-1068165
2F RF	UDCon2	Combination		Top	446891.5555	3001.1862	-38874.2585	-1093296
2F RF	UDCon2	Combination		Bottom	482934.341	3001.1862	-38874.2585	-1093296
2F RF	UDCon3	Combination	Max	Top	328609.0281	7922.8516	-24375.3891	-705455.9052
2F RF	UDCon3	Combination	Max	Bottom	355279.9605	7922.6103	-24374.9111	-705443.9558
2F RF	UDCon3	Combination	Min	Top	320294.1526	-2963.7417	-31254.4559	-901658.4713
2F RF	UDCon3	Combination	Min	Bottom	346965.085	-2970.7902	-31254.7985	-901682.3865
2F RF	UDCon4	Combination	Max	Top	328004.0088	7250.7416	-25379.811	-690860.7195
2F RF	UDCon4	Combination	Max	Bottom	354674.9412	7257.7901	-25379.4684	-690836.8044
2F RF	UDCon4	Combination	Min	Top	319689.1332	-3635.8518	-32258.8778	-887063.2856
2F RF	UDCon4	Combination	Min	Bottom	346360.0656	-3635.6105	-32259.3558	-887075.235
2F RF	UDCon5	Combination	Max	Top	328787.4197	7878.0563	-24826.0915	-683358.286
2F RF	UDCon5	Combination	Max	Bottom	355458.3521	7885.4983	-24825.5803	-683295.4522
2F RF	UDCon5	Combination	Min	Top	319749.9971	-3806.1641	-31443.5781	-892503.7022
2F RF	UDCon5	Combination	Min	Bottom	346420.9295	-3813.8465	-31443.914	-892521.0472
2F RF	UDCon6	Combination	Max	Top	328548.1643	8093.1639	-25190.6888	-700015.4887
2F RF	UDCon6	Combination	Max	Bottom	355219.0967	8100.8463	-25190.3529	-699998.1436
2F RF	UDCon6	Combination	Min	Top	319510.7416	-3591.0565	-31808.1754	-909160.9048
2F RF	UDCon6	Combination	Min	Bottom	346181.674	-3598.4984	-31808.6866	-909223.7387
2F RF	UDCon7	Combination	Max	Top	326063.7414	7893.4102	-24198.3676	-700429.7161
2F RF	UDCon7	Combination	Max	Bottom	352724.5295	7893.1688	-24197.8897	-700417.7667
2F RF	UDCon7	Combination	Min	Top	317748.8658	-2993.1832	-31077.4345	-896632.2822
2F RF	UDCon7	Combination	Min	Bottom	344409.6539	-3000.2317	-31077.7771	-896656.1974
2F RF	UDCon8	Combination	Max	Top	325458.7221	7221.3001	-25202.7895	-685834.5304
2F RF	UDCon8	Combination	Max	Bottom	352119.5102	7228.3486	-25202.4469	-685810.6153
2F RF	UDCon8	Combination	Min	Top	317143.8465	-3665.2933	-32081.8563	-882037.0965
2F RF	UDCon8	Combination	Min	Bottom	343804.6346	-3665.0519	-32082.3343	-882049.0459
2F RF	UDCon9	Combination	Max	Top	326242.133	7848.6148	-24649.07	-678332.0969
2F RF	UDCon9	Combination	Max	Bottom	352902.9211	7856.0568	-24648.5588	-678269.2631

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	UDCon9	Combination	Min	Top	317204.7104	-3835.6056	-31266.5566	-887477.5131
2F RF	UDCon9	Combination	Min	Bottom	343865.4984	-3843.2879	-31266.8925	-887494.8581
2F RF	UDCon10	Combination	Max	Top	326002.8776	8063.7225	-25013.6674	-694989.2996
2F RF	UDCon10	Combination	Max	Bottom	352663.6656	8071.4048	-25013.3315	-694971.9545
2F RF	UDCon10	Combination	Min	Top	316965.4549	-3620.4979	-31631.154	-904134.7157
2F RF	UDCon10	Combination	Min	Bottom	343626.243	-3627.9399	-31631.6652	-904197.5496
1F RF	Dead	LinStatic		Top	156333.145	1749.0296	-893.7042	-35237.1175
1F RF	Dead	LinStatic		Bottom	163977.0495	1749.0296	-893.7042	-35237.1175
1F RF	Live	LinStatic		Top	10205.0648	116.2316	-45.3065	-2089.3311
1F RF	Live	LinStatic		Bottom	10238.8793	116.2316	-45.3065	-2089.3311
1F RF	FF	LinStatic		Top	123316.91	1339.5811	-755.0707	-28264.6679
1F RF	FF	LinStatic		Bottom	130425.6145	1339.5811	-755.0707	-28264.6679
1F RF	PW	LinStatic		Top	116082.4456	1252.4983	-728.1272	-26825.7659
1F RF	PW	LinStatic		Bottom	123186.4701	1252.4983	-728.1272	-26825.7659
1F RF	Earthquake+x	LinStatic		Top	-9704.381	-2424.4763	-202.74	19067.7954
1F RF	Earthquake+x	LinStatic		Bottom	-9704.381	-2425.7955	-202.74	19075.6462
1F RF	Earthquake+y	LinStatic		Top	4144.4168	1113.4218	372.1535	-5198.1875
1F RF	Earthquake+y	LinStatic		Bottom	4144.4168	1113.4218	370.5272	-5229.4024
1F RF	TH-X Load Case	LinModHist	Max	Top	7050.8556	1761.4806	188.2411	12907.2312
1F RF	TH-X Load Case	LinModHist	Max	Bottom	7050.8556	1761.039	188.199	12952.4226
1F RF	TH-X Load Case	LinModHist	Min	Top	-8504.2851	-1642.8947	-150.7799	-13232.3031
1F RF	TH-X Load Case	LinModHist	Min	Bottom	-8504.2851	-1649.101	-150.5586	-13230.5747
1F RF	TH-Y Load Case	LinModHist	Max	Top	8235.9989	1883.9748	191.5713	15173.0077
1F RF	TH-Y Load Case	LinModHist	Max	Bottom	8235.9989	1890.4374	191.2476	15225.7933
1F RF	TH-Y Load Case	LinModHist	Min	Top	-7922.6173	-1973.9457	-217.408	-14914.4393
1F RF	TH-Y Load Case	LinModHist	Min	Bottom	-7922.6173	-1980.6376	-216.6939	-14963.9901
1F RF	UDCon1	Combination		Top	534238.8758	5860.4971	-3208.8179	-121942.1942
1F RF	UDCon1	Combination		Bottom	563745.331	5860.4971	-3208.8179	-121942.1942
1F RF	UDCon2	Combination		Top	549546.473	6034.8446	-3276.7776	-125076.1908
1F RF	UDCon2	Combination		Bottom	579103.6499	6034.8446	-3276.7776	-125076.1908
1F RF	UDCon3	Combination	Max	Top	405844.8756	6137.4591	-2202.253	-78047.1194
1F RF	UDCon3	Combination	Max	Bottom	427711.6534	6137.0175	-2202.2951	-78001.9279
1F RF	UDCon3	Combination	Min	Top	390289.7349	2733.0838	-2541.274	-104186.6537
1F RF	UDCon3	Combination	Min	Bottom	412156.5127	2726.8775	-2541.0528	-104184.9253
1F RF	UDCon4	Combination	Max	Top	407298.3051	6018.8731	-2239.7142	-77722.0474
1F RF	UDCon4	Combination	Max	Bottom	429165.0829	6025.0794	-2239.9355	-77723.7759
1F RF	UDCon4	Combination	Min	Top	391743.1645	2614.4979	-2578.7352	-103861.5817
1F RF	UDCon4	Combination	Min	Bottom	413609.9423	2614.9395	-2578.6931	-103906.7732
1F RF	UDCon5	Combination	Max	Top	407030.0189	6259.9533	-2198.9228	-75781.3429
1F RF	UDCon5	Combination	Max	Bottom	428896.7967	6266.4159	-2199.2465	-75728.5573
1F RF	UDCon5	Combination	Min	Top	390871.4028	2402.0328	-2607.9021	-105868.7899
1F RF	UDCon5	Combination	Min	Bottom	412738.1806	2395.3409	-2607.188	-105918.3407
1F RF	UDCon6	Combination	Max	Top	406716.6373	6349.9242	-2173.0861	-76039.9112
1F RF	UDCon6	Combination	Max	Bottom	428583.4151	6356.6161	-2173.8002	-75990.3604
1F RF	UDCon6	Combination	Min	Top	390558.0212	2492.0037	-2582.0654	-106127.3582

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	UDCon6	Combination	Min	Bottom	412424.799	2485.5411	-2581.7417	-106180.1438
1F RF	UDCon7	Combination	Max	Top	402783.3561	6102.5896	-2188.6611	-77420.3201
1F RF	UDCon7	Combination	Max	Bottom	424639.9896	6102.148	-2188.7032	-77375.1286
1F RF	UDCon7	Combination	Min	Top	387228.2155	2698.2143	-2527.6821	-103559.8543
1F RF	UDCon7	Combination	Min	Bottom	409084.849	2692.008	-2527.4608	-103558.1259
1F RF	UDCon8	Combination	Max	Top	404236.7857	5984.0036	-2226.1223	-77095.2481
1F RF	UDCon8	Combination	Max	Bottom	426093.4191	5990.21	-2226.3435	-77096.9765
1F RF	UDCon8	Combination	Min	Top	388681.645	2579.6284	-2565.1433	-103234.7824
1F RF	UDCon8	Combination	Min	Bottom	410538.2785	2580.07	-2565.1012	-103279.9739
1F RF	UDCon9	Combination	Max	Top	403968.4994	6225.0838	-2185.3309	-75154.5436
1F RF	UDCon9	Combination	Max	Bottom	425825.1329	6231.5464	-2185.6546	-75101.758
1F RF	UDCon9	Combination	Min	Top	387809.8833	2367.1633	-2594.3102	-105241.9906
1F RF	UDCon9	Combination	Min	Bottom	409666.5168	2360.4714	-2593.5961	-105291.5414
1F RF	UDCon10	Combination	Max	Top	403655.1178	6315.0547	-2159.4942	-75413.1119
1F RF	UDCon10	Combination	Max	Bottom	425511.7513	6321.7466	-2160.2083	-75363.5611
1F RF	UDCon10	Combination	Min	Top	387496.5017	2457.1342	-2568.4735	-105500.5589
1F RF	UDCon10	Combination	Min	Bottom	409353.1352	2450.6716	-2568.1498	-105553.3445

Table 3.8 - Story Forces (Part 2 of 2)

MX kN-m	MY kN-m
63287.2659	-90750.7764
141438.8697	-191373.0602
9631.3132	-11119.041
9542.8023	-11687.0299
35622.0577	-55708.9161
108155.6518	-147949.1731
28507.0981	-47586.3774
101244.6688	-139836.1728
498.9352	-7844.4822
1248.2628	-12279.7619
9391.6418	-3148.6972
11275.4029	-6412.3632
3647.0881	6841.9575
3847.3858	9227.3917
-2602.6544	-7042.5991
-2864.1304	-9729.8904
3648.879	5848.3987
4017.7269	9246.7651
-3489.8251	-6290.0008
-3486.1502	-9647.552
172012.1694	-261962.1944
473632.9069	-646863.8483
186459.1393	-278640.7559
487947.1103	-664394.3931

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

MX kN-m	MY kN-m
133952.9038	-190539.8248
357549.4168	-473437.1234
127703.1613	-204424.3814
350837.9006	-492394.4055
132908.4702	-190339.1831
356566.1613	-472934.6247
126658.7277	-204223.7397
349854.6452	-491891.9069
133954.6947	-191533.3835
357719.7579	-473417.75
126815.9907	-203671.7831
350215.8807	-492312.0671
133795.6408	-191091.7814
357188.1812	-473016.9631
126656.9368	-203230.181
349684.304	-491911.2802
131063.5098	-187204.1125
354686.5761	-469931.0144
124813.7674	-201088.6691
347975.0599	-488888.2966
130019.0762	-187003.4708
353703.3207	-469428.5157
123769.3337	-200888.0274
346991.8045	-488385.7979
131065.3008	-188197.6712
354856.9172	-469911.6411
123926.5967	-200336.0708
347353.0401	-488805.9582
130906.2469	-187756.0691
354325.3405	-469510.8541
123767.5428	-199894.4687
346821.4634	-488405.1712
190535.6208	-249600.2237
262415.7295	-347580.5152
17130.2419	-20272.6486
16713.673	-20824.6294
138118.2481	-183707.2726
205663.2655	-273641.9235
125565.2528	-169250.7103
193557.9951	-259199.3438
-1167.729	-19195.1576
178.8557	-26399.3942
19108.6371	-3333.634
23716.0397	-6248.3136
7383.2723	15020.2857

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

MX kN-m	MY kN-m
7854.8757	20092.2782
-5851.7436	-14861.1869
-6633.0484	-19078.9902
7372.1966	14080.4002
8267.432	19194.3449
-7224.6971	-16535.4545
-7501.19	-21827.2365
613195.8144	-813453.5789
893209.9366	-1188569
638891.1773	-843862.5519
918280.4461	-1219806
466741.4667	-593619.7155
674505.9677	-866576.8932
453506.4507	-623501.1881
660018.0436	-905748.1616
465209.938	-593778.8142
673284.1404	-867590.1812
451974.922	-623660.2869
658796.2163	-906761.4496
466730.3909	-594559.601
674918.5239	-867474.8265
452133.4973	-625175.4556
659149.902	-908496.4079
466582.8915	-592104.5467
674152.282	-864841.9349
451985.9978	-622720.4014
658383.66	-905863.5162
461602.3941	-587537.9209
669491.8658	-860329.5044
448367.3782	-617419.3935
655003.9417	-899500.7728
460070.8654	-587697.0197
668270.0385	-861342.7924
446835.8494	-617578.4923
653782.1143	-900514.0608
461591.3184	-588477.8064
669904.422	-861227.4377
446994.4247	-619093.661
654135.8001	-902249.0191
461443.8189	-586022.7521
669138.1801	-858594.5461
446846.9252	-616638.6068
653369.5581	-899616.1274
294458.5012	-390042.135
365205.586	-485543.7271

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

MX kN-m	MY kN-m
23282.9713	-28604.7112
23291.821	-29102.8616
222074.3528	-296463.8929
287294.1626	-384150.4296
205103.0333	-276255.5721
270445.1653	-363974.7524
-1046.3133	-32799.3177
203.9182	-41668.7674
32094.8896	-3870.6023
41122.6821	-7477.9162
10508.7086	25495.9904
12098.3373	31742.3191
-9254.9744	-23062.44
-11360.9467	-28236.809
11081.23	23873.3278
13255.5789	30040.42
-10584.7462	-28357.5854
-12966.2477	-34684.2082
974208.4478	-1299728
1245975.6338	-1665453
1009132.9048	-1342635
1280913.3652	-1709107
739129.4872	-945847.0229
942030.7975	-1210657
719365.8043	-994405.4533
918571.5135	-1270637
737875.753	-948280.5733
941293.4069	-1214163
718112.0701	-996839.0037
917834.1229	-1274142
739702.0087	-947469.6855
943188.0392	-1212359
718036.0324	-999700.5987
916966.2125	-1277084
739205.5249	-942985.4279
942898.7079	-1207716
717539.5486	-995216.3412
916676.8813	-1272440
732144.5958	-937265.6095
935043.2512	-1201927
712380.9129	-985824.0399
911583.9672	-1261906
730890.8616	-939699.16
934305.8606	-1205432
711127.1787	-988257.5904

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

MX kN-m	MY kN-m
910846.5767	-1265411
732717.1173	-938888.2721
936200.4929	-1203628
711051.141	-991119.1854
909978.6663	-1268353
732220.6335	-934404.0145
935911.1616	-1198985
710554.6572	-986634.9278
909689.335	-1263709
398980.7097	-527584.2893
471285.794	-631600.1756
30010.7538	-36803.9945
30078.7668	-37631.0244
304464.1226	-405820.6505
371034.2943	-500727.3269
282633.869	-379890.0973
349287.9692	-474621.6232
-873.4374	-49887.8222
-236.0624	-58088.5576
51800.3898	-8185.9002
63640.4931	-10853.4214
15472.7033	38218.5317
17817.1395	44548.3395
-14323.5251	-33366.0757
-17868.6572	-38747.4707
16796.597	35807.2673
19777.5365	42237.1259
-16626.96	-41541.8936
-19966.7735	-48866.3715
1331206.2468	-1772948
1608670.8777	-2169381
1376222.3775	-1828154
1653789.0278	-2225828
1010554.6308	-1286118
1218448.827	-1573690
980758.4023	-1357702
1182763.0303	-1656986
1009405.4526	-1290970
1218500.3448	-1579491
979609.2242	-1362555
1182814.5481	-1662787
1011878.5245	-1288529
1220409.224	-1576001
978454.9675	-1365878
1180664.9141	-1667105

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

MX kN-m	MY kN-m
1011708.8874	-1282794
1220598.461	-1569372
978285.3305	-1360144
1180854.1511	-1660476
1001551.4046	-1275077
1209425.197	-1562401
971755.1762	-1346661
1173739.4003	-1645697
1000402.2265	-1279929
1209476.7148	-1568202
970605.998	-1351514
1173790.918	-1651497
1002875.2984	-1277488
1211385.594	-1564712
969451.7414	-1354837
1171641.284	-1655815
1002705.6613	-1271753
1211574.831	-1558083
969282.1043	-1349102
1171830.521	-1649186
508009.0179	-677541.818
580226.0876	-781369.5806
37015.367	-45603.9874
37079.0845	-46417.121
390336.9565	-525222.8153
456844.213	-619981.9033
363451.3341	-493169.5268
430045.1078	-587762.553
-1373.9777	-67146.2389
-886.4162	-76711.6262
75128.7815	-10958.4952
89583.1561	-13899.8333
21638.2395	51474.577
24536.3964	58759.7134
-20940.5212	-44151.1902
-25434.999	-50417.0334
23717.0852	48391.1384
27368.3178	55615.6208
-23811.4811	-56242.8751
-28001.4569	-64399.696
1703426.3664	-2289511
1980605.8013	-2685304
1758949.417	-2357917
2036224.4281	-2754930
1294540.158	-1658141

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

MX kN-m	MY kN-m
1502775.5301	-1944279
1251961.3974	-1753767
1452804.1347	-2053456
1293842.4397	-1665464
1503674.1327	-1952622
1251263.6791	-1761090
1453702.7373	-2061799
1296619.0037	-1661224
1505607.4515	-1947424
1249090.4374	-1765858
1450237.6768	-2067439
1296713.3997	-1653372
1506240.5907	-1938639
1249184.8334	-1758006
1450870.8159	-2058655
1283435.5479	-1644460
1491651.8048	-1930354
1240856.7873	-1740085
1441680.4094	-2039531
1282737.8296	-1651783
1492550.4074	-1938697
1240159.069	-1747409
1442579.012	-2047874
1285514.3936	-1647543
1494483.7262	-1933498
1237985.8273	-1752177
1439113.9514	-2053514
1285608.7896	-1639691
1495116.8653	-1924714
1238080.2233	-1744325
1439747.0906	-2044730
618397.3037	-829332.012
690509.9464	-932980.0135
44132.0957	-54590.7266
44195.2786	-55386.7116
477137.9958	-645746.5464
543550.214	-740378.6609
445115.0465	-607441.2429
511614.0098	-701918.709
-2055.7647	-86815.4754
-1682.944	-97644.0632
102179.8711	-14376.1614
119031.1751	-17583.3325
28971.3852	66374.7097
32365.5191	74477.835

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

MX kN-m	MY kN-m
-28676.5893	-56553.313
-33910.4029	-63620.4837
31839.4287	62378.7691
36093.2146	70204.9681
-31984.5349	-72363.2429
-36928.3208	-81068.4587
2079877.9671	-2811402
2356660.1297	-3206624
2146076.1106	-2893288
2422953.0477	-3289705
1582861.3599	-2032522
1791298.2729	-2317416
1525213.3854	-2155450
1725022.3508	-2455514
1582566.564	-2042344
1792843.1567	-2328273
1524918.5895	-2165272
1726567.2346	-2466371
1585729.4034	-2036518
1795025.9684	-2321688
1521905.4398	-2171260
1722004.4329	-2472962
1585874.5096	-2026534
1795861.0746	-2310825
1522050.546	-2161276
1722839.5391	-2462098
1569621.7312	-2016145
1778039.6893	-2300800
1511973.7567	-2139073
1711763.7672	-2438898
1569326.9353	-2025966
1779584.5731	-2311657
1511678.9608	-2148895
1713308.651	-2449755
1572489.7747	-2020141
1781767.3848	-2305072
1508665.8111	-2154883
1708745.8493	-2456346
1572634.8809	-2010157
1782602.491	-2294209
1508810.9173	-2144899
1709580.9555	-2445482
729286.8936	-981709.4701
801270.7659	-1085181
51303.8967	-63674.2005

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

MX kN-m	MY kN-m
51366.5292	-64450.5669
564245.875	-766535.2123
630535.6792	-861051.1402
527045.1654	-721911.9798
593422.0768	-816286.6906
-2824.962	-108647.2056
-2543.5636	-120681.6329
132683.522	-18532.2627
151736.6391	-21953.9529
37348.5323	82671.9798
41189.1342	91494.8323
-37299.7041	-70370.5483
-43202.5946	-78178.6245
41042.6189	77476.7115
45839.427	85741.6399
-41113.0148	-89471.8967
-46899.5606	-98492.4563
2457780.2109	-3334711
2734058.5046	-3729400
2534736.056	-3430223
2811108.2984	-3826076
1873317.6353	-2406587
2081827.6149	-2690359
1798669.399	-2559629
1997435.8861	-2860033
1873268.8071	-2418888
2083841.0753	-2703675
1798620.5708	-2571931
1999449.3465	-2873349
1877011.722	-2411782
2086477.9077	-2696112
1794856.0882	-2578731
1993738.9201	-2880346
1877082.1178	-2399787
2087538.0413	-2683362
1794926.4841	-2566736
1994799.0537	-2867596
1857926.4663	-2387485
2066417.6561	-2671024
1783278.23	-2540527
1982025.9274	-2840697
1857877.6381	-2399786
2068431.1165	-2684340
1783229.4018	-2552829
1984039.3878	-2854014

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

MX kN-m	MY kN-m
1861620.553	-2392680
2071067.9489	-2676777
1779464.9192	-2559629
1978328.9613	-2861011
1861690.9488	-2380685
2072128.0826	-2664026
1779535.3151	-2547633
1979389.0949	-2848260
840238.0791	-1133713
912049.3988	-1237023
58491.9015	-72779.2006
58553.4418	-73534.3673
651362.7824	-886898.8713
717488.0134	-981319.6431
608971.807	-835941.633
675184.7645	-930236.3671
-3578.9752	-132309.3302
-3381.202	-145544.5477
166346.3584	-23605.2259
187444.885	-27126.6621
46624.9594	100019.9044
50880.7633	109515.503
-46722.3911	-85324.8841
-53234.1233	-93845.5741
51192.035	93337.4603
56488.8963	102447.555
-51326.6514	-107037.473
-57752.3814	-116206.674
2835773.1025	-3856347
3111374.9385	-4250582
2923510.9548	-3965515
3199205.1012	-4360883
2164745.1984	-2778367
2373168.9725	-3061124
2071397.8479	-2963712
2269054.086	-3264485
2164842.6301	-2793062
2375522.3325	-3076794
2071495.2795	-2978407
2271407.446	-3280155
2169312.274	-2785049
2378777.1055	-3068192
2066793.5876	-2985424
2264535.8278	-3286846
2169446.8903	-2771349

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

MX kN-m	MY kN-m
2380040.5906	-3054433
2066928.2039	-2971724
2265799.3129	-3273087
2147197.6279	-2756533
2355602.9399	-3039063
2053850.2774	-2941878
2251488.0534	-3242425
2147295.0596	-2771228
2357956.2999	-3054733
2053947.7091	-2956573
2253841.4134	-3258094
2151764.7035	-2763216
2361211.073	-3046131
2049246.0171	-2963591
2246969.7953	-3264786
2151899.3199	-2749516
2362474.5581	-3032372
2049380.6335	-2949891
2248233.2804	-3251027
950951.0545	-1284081
1022514.0737	-1387269
65672.659	-81825.9214
65730.6766	-82558.5149
738281.4115	-1005873
804173.8483	-1100241
690704.4191	-948617.9714
756686.6201	-1042878
-4178.0229	-157275.2838
-4081.969	-171789.5423
202839.0916	-29890.8723
225868.1426	-33289.2202
56629.9183	117918.2645
61290.1005	128119.4796
-56850.5487	-101018.8813
-63922.6271	-110275.4223
62133.3558	110690.9156
67905.5448	121023.2447
-62234.9595	-124388.2161
-69260.7702	-133637.2816
3212914.7949	-4372073
3487555.6318	-4766025
3311423.7835	-4494812
3586151.6467	-4889862
2456268.6011	-3145202
2664383.8456	-3427037

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

MX kN-m	MY kN-m
2342788.1341	-3364139
2539171.118	-3665432
2456489.2316	-3162101
2667016.3722	-3444881
2343008.7645	-3381038
2541803.6446	-3683276
2461772.0386	-3152429
2670999.2898	-3434133
2337403.7233	-3387508
2533832.9749	-3688793
2461873.6423	-3138732
2672354.5153	-3421519
2337505.327	-3373811
2535188.2003	-3676179
2436566.8034	-3120654
2644664.6426	-3402269
2323086.3364	-3339591
2519451.915	-3640664
2436787.4339	-3137553
2647297.1692	-3420113
2323306.9668	-3356491
2522084.4416	-3658508
2442070.2409	-3127881
2651280.0869	-3409365
2317701.9256	-3362961
2514113.7719	-3664026
2442171.8446	-3114184
2652635.3123	-3396751
2317803.5293	-3349263
2515468.9973	-3651412
1060855.884	-1430183
1132068.446	-1533341
72811.1202	-90675.8579
72862.5854	-91385.0051
824562.8459	-1121312
890129.3768	-1215723
771828.882	-1057886
837488.8222	-1152209
-4447.0922	-182609.1087
-4492.1138	-198628.7178
241789.8626	-38126.1727
266686.4751	-40978.3391
67142.8363	135526.4135
72224.9673	146604.2989
-67591.4168	-116832.4456

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

MX kN-m	MY kN-m
-75186.0915	-126936.2631
73675.4145	128604.4961
79923.4942	140059.8051
-73672.2562	-140514.0086
-81280.8598	-149934.593
3587284.276	-4872664
3860576.9708	-5266719
3696500.9564	-5008678
3969870.8489	-5403796
2746233.7842	-3501057
2953770.388	-3782084
2611499.5312	-3753416
2806359.3292	-4055625
2746682.3647	-3519751
2956731.5121	-3801752
2611948.1117	-3772110
2809320.4533	-4075293
2752766.3624	-3507979
2961468.9149	-3788629
2605418.6918	-3777098
2800264.5609	-4078623
2752763.2041	-3496070
2962826.2804	-3778754
2605415.5335	-3765188
2801621.9265	-4068748
2724390.4481	-3473855
2931911.6124	-3754669
2589656.1951	-3726213
2784500.5536	-4028209
2724839.0286	-3492549
2934872.7365	-3774337
2590104.7756	-3744907
2787461.6777	-4047877
2730923.0264	-3480777
2939610.1393	-3761213
2583575.3557	-3749895
2778405.7853	-4051208
2730919.8681	-3468867
2940967.5048	-3751339
2583572.1974	-3737986
2779763.1508	-4041333
1168408.5869	-1566686
1239141.0308	-1669875
79817.9037	-99044.0351
79858.2377	-99723.3531

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

MX kN-m	MY kN-m
909001.6548	-1228900
974123.5241	-1323438
851204.7922	-1159627
916426.2456	-1254103
-3921.5913	-207468.1593
-4187.3773	-225370.4272
282230.5358	-48647.2521
308994.9861	-50247.0212
77648.4859	152106.4277
83208.3559	164384.7925
-78692.6793	-132156.1897
-86786.6105	-143312.7287
85369.2755	146209.5849
92126.7672	159068.6231
-85202.5046	-154508.7867
-93409.098	-164377.6699
3953630.2958	-5339537
4225082.5807	-5734012
4073357.1513	-5488103
4344869.9372	-5883597
3030208.891	-3832819
3236856.6277	-4112948
2873867.7257	-4117082
3066861.6614	-4420646
3031253.0843	-3852770
3240434.8823	-4134020
2874911.9191	-4137032
3070439.9159	-4441718
3037929.6805	-3838716
3245775.039	-4118264
2867357.9004	-4139434
3060239.1738	-4441711
3037762.9097	-3830417
3247057.3699	-4112955
2867191.1295	-4131135
3061521.5047	-4436402
3006263.5199	-3803106
3212899.1564	-4083031
2849922.3546	-4087369
3042904.1901	-4390729
3007307.7132	-3823056
3216477.411	-4104103
2850966.548	-4107319
3046482.4446	-4411801
3013984.3094	-3809003

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

MX kN-m	MY kN-m
3221817.5677	-4088347
2843412.5293	-4109721
3036281.7025	-4411794
3013817.5386	-3800704
3223099.8986	-4083038
2843245.7584	-4101422
3037564.0334	-4406485
1273102.5952	-1686693
1342938.255	-1789952
86666.0877	-106567.8526
86672.3828	-107203.2872
991247.3183	-1323012
1055572.7549	-1417755
928506.3049	-1248462
992952.7853	-1343187
-2015.5139	-230689.0158
-2531.3324	-250944.5576
322382.6758	-62078.578
351047.0243	-61336.8291
87325.1064	166652.7096
93454.9534	180590.63
-89685.9893	-146349.055
-98240.8901	-158822.5576
96471.0024	162709.9774
103803.2075	177321.4053
-96119.3672	-165124.6272
-104921.3989	-175927.8747
4310355.8949	-5748526
4578476.1235	-6143707
4440355.0264	-5908377
4708484.6977	-6304512
3306181.1511	-4123485
3510920.4635	-4402465
3129170.0555	-4436486
3319224.6199	-4741878
3308542.034	-4143788
3515706.4001	-4424233
3131530.9384	-4456790
3324010.5566	-4763646
3315327.0471	-4127427
3521268.7175	-4405734
3122736.6775	-4455262
3312544.1111	-4758983
3314975.412	-4125013
3522386.9089	-4407127

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

MX kN-m	MY kN-m
3122385.0424	-4452847
3313662.3026	-4760377
3280181.3248	-4091514
3484918.7486	-4370304
3103170.2292	-4404516
3293222.9051	-4709717
3282542.2077	-4111818
3489704.6853	-4392072
3105531.1121	-4424820
3298008.8418	-4731485
3289327.2208	-4095457
3495267.0027	-4373573
3096736.8512	-4423292
3286542.3963	-4726822
3288975.5857	-4093042
3496385.1941	-4374966
3096385.2161	-4420877
3287660.5877	-4728216
1355995.7483	-1756407
1426355.9151	-1858984
92446.0379	-111465.6977
92476.2623	-112008.2642
1055979.7021	-1376431
1120662.1206	-1470794
989053.1586	-1298444
1053838.9264	-1392869
586.0442	-251267.3657
-97.4035	-273844.9332
356391.673	-69141.2396
386947.0693	-65009.548
92646.6137	179097.5654
99650.6692	194823.1845
-99868.1155	-157804.1191
-108715.5388	-171556.4102
103923.6538	177415.9966
112039.3791	193764.7155
-105459.3209	-172264.0687
-114743.3864	-184271.2079
4591388.6221	-5982231
4861156.8987	-6375575
4730057.6789	-6149430
4999871.2923	-6543587
3521409.034	-4285625
3728250.51	-4561427
3328894.3048	-4622526

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

MX kN-m	MY kN-m
3519884.3019	-4927807
3528630.5358	-4306918
3737315.3795	-4584694
3336115.8066	-4643820
3528949.1715	-4951073
3532686.0741	-4287306
3740639.2198	-4562486
3323303.0995	-4636986
3513856.4543	-4940521
3534221.7412	-4292458
3743343.2272	-4571979
3324838.7666	-4642138
3516560.4616	-4950015
3493675.2226	-4252185
3700507.6313	-4527825
3301160.4934	-4589087
3492141.4232	-4894204
3500896.7245	-4273478
3709572.5008	-4551091
3308381.9953	-4610380
3501206.2928	-4917471
3504952.2627	-4253866
3712896.3411	-4528883
3295569.2881	-4603547
3486113.5756	-4906919
3506487.9298	-4259018
3715600.3485	-4538377
3297104.9552	-4608698
3488817.5829	-4916413
1486211.6909	-1887208
1544490.5845	-1988662
100473.6684	-119261.7864
99911.6757	-119662.0533
1159736.2614	-1479790
1214458.5613	-1573473
1087132.5899	-1396381
1142360.5221	-1490248
31326.4121	-301303.038
26090.3019	-326987.041
383163.8236	-84160.0015
414406.3426	-75681.3183
94566.4695	210891.0442
101727.6926	229172.2812
-103002.1166	-189812.1154
-112806.1335	-205077.753

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

MX kN-m	MY kN-m
109072.4873	213804.0013
117231.3004	232391.06
-100385.5972	-192795.5245
-111866.4875	-207292.6839
5039658.732	-6430562
5266768.0517	-6820717
5190369.2346	-6609455
5416635.5653	-7000210
3857789.1122	-4588267
4033010.8633	-4859109
3660220.5261	-4988970
3818477.0372	-5293359
3866224.7593	-4609346
4044089.3042	-4883204
3668656.1733	-5010049
3829555.4781	-5317454
3872295.13	-4585354
4048514.4711	-4855890
3662837.0455	-4991953
3819416.6832	-5295574
3863608.2399	-4606362
4043149.6581	-4880989
3654150.1554	-5012962
3814051.8703	-5320672
3827647.0117	-4552488
4003037.3605	-4823210
3630078.4256	-4953191
3788503.5344	-5257460
3836082.6588	-4573567
4014115.8015	-4847305
3638514.0727	-4974270
3799581.9754	-5281555
3842153.0295	-4549575
4018540.9683	-4819992
3632694.945	-4956175
3789443.1805	-5259675
3833466.1394	-4570584
4013176.1554	-4845090
3624008.0549	-4977183
3784078.3676	-5284774
1474752.7513	-2029751
1610223.4439	-2184291
100724.2554	-126243.8591
103025.33	-126549.3296
1146636.7628	-1597240

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

MX kN-m	MY kN-m
1268586.3787	-1744087
1073782.614	-1509745
1194225.9663	-1656865
66232.075	-453049.5052
66164.2162	-480615.1072
397478.901	33787.085
437768.7963	44522.5925
111339.8798	328637.1397
119240.4703	348864.4725
-90271.5681	-279538.3297
-102707.1588	-295086.501
123941.1882	323941.4915
133629.7781	343691.2963
-102998.1636	-304792.3678
-109260.8581	-324447.8531
4988482.3729	-6934594
5498598.315	-7540078
5139568.7561	-7123960
5653136.3101	-7729902
3836729.2845	-4845972
4223183.8582	-5274344
3635117.8366	-5454148
4001236.2291	-5918294
3815660.9728	-4895071
4206650.5468	-5328121
3614049.5249	-5503247
3984702.9176	-5972072
3849330.5929	-4850668
4237573.1661	-5279517
3622391.2411	-5479402
3994682.5299	-5947656
3828387.5683	-4869817
4213204.246	-5298760
3601448.2165	-5498551
3970313.6098	-5966899
3806512.0079	-4808099
4192276.2592	-5236379
3604900.56	-5416275
3970328.6301	-5880330
3785443.6962	-4857198
4175742.9477	-5290157
3583832.2483	-5465373
3953795.3186	-5934108
3819113.3163	-4812795
4206665.5671	-5241552

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

MX kN-m	MY kN-m
3592173.9645	-5441529
3963774.9309	-5909691
3798170.2917	-4831944
4182296.647	-5260795
3571230.9399	-5460678
3939406.0108	-5928934
1840838.8674	-2422163
1936227.2717	-2544032
123392.7673	-147768.2874
123787.1642	-148010.4309
1441480.1422	-1918180
1530002.9292	-2032693
1351826.6495	-1815330
1440228.9263	-1930057
-158543.9745	-277333.2615
-157834.3844	-285821.1053
664611.2054	-30733.014
663311.3515	-26836.0377
203156.1095	208491.2438
202572.0873	214655.6973
-236172.9975	-173552.4076
-235796.2996	-177045.7501
265227.8317	192923.8968
264557.8662	199018.8137
-275162.6068	-222096.8887
-274402.8571	-227116.1149
6256096.6397	-8310159
6623719.8216	-8784155
6441185.7906	-8531811
6809400.568	-9006170
4874319.5988	-5991512
5146167.3637	-6336529
4434990.4917	-6373556
4707798.9768	-6728230
4907336.4868	-6026451
5179391.576	-6374139
4468007.3797	-6408495
4741023.1891	-6765840
4936391.3209	-6007080
5208153.1426	-6352166
4396000.8824	-6422100
4669192.4193	-6778301
4946326.096	-5977907
5217998.1335	-6324068
4405935.6575	-6392927

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

	MX kN-m	MY kN-m
4679037.4102	-6750203	
4837301.7686	-5947182	
5109031.2144	-6292126	
4397972.6615	-6329225	
4670662.8275	-6683827	
4870318.6566	-5982121	
5142255.4267	-6329736	
4430989.5495	-6364164	
4703887.0398	-6721437	
4899373.4907	-5962749	
5171016.9933	-6307762	
4358983.0523	-6377770	
4632056.2701	-6733897	
4909308.2658	-5933576	
5180861.9842	-6279665	
4368917.8274	-6348597	
4641901.2609	-6705800	

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	980.9611	4.906	199955.682	248.0896	2.144	115725.108
15	Earthquake+x	LinStatic	Step By Step	1422.8615	5.008	284130.294	281.8308	2.148	131207.897
14	Earthquake+x	LinStatic	Step By Step	1947.5086	5.128	379770.905	246.1923	2.154	114288.176
13	Earthquake+x	LinStatic	Step By Step	2352.1319	5.25	448000.077	182.1072	2.162	0
12F RF	Earthquake+x	LinStatic	Step By Step	2741.3352	5.369	510591.336	139.3033	2.17	0
11F RF	Earthquake+x	LinStatic	Step By Step	3101.5523	5.479	566098.911	106.5202	2.18	0
10F RF	Earthquake+x	LinStatic	Step By Step	3445.3806	5.574	618124.917	80.3995	2.191	0
9F RF	Earthquake+x	LinStatic	Step By Step	3787.7663	5.648	670590.81	56.5066	2.204	0
8F RF	Earthquake+x	LinStatic	Step By Step	4152.5092	5.698	728806.358	27.444	2.219	0
7F RF	Earthquake+x	LinStatic	Step By Step	4581.9122	5.717	801402.097	12.8633	2.235	0
6F RF	Earthquake+x	LinStatic	Step By Step	5119.1174	5.709	896673.757	75.9389	2.25	0
5F RF	Earthquake+x	LinStatic	Step By Step	5790.7841	5.69	1017723.709	147.3767	2.26	0
4F RF	Earthquake+x	LinStatic	Step By Step	6453.5227	5.705	1131156.937	195.2708	2.25	0
3F RF	Earthquake+x	LinStatic	Step By Step	7340.3784	5.711	1285276.89	1496.0315	2.22	673744.776
2F RF	Earthquake+x	LinStatic	Step By Step	7877.2808	6.651	1184395.77	19.3882	2.159	0
1F RF	Earthquake+x	LinStatic	Step By Step	2425.7955	11.175	217078.712	202.74	7.757	0
16	Earthquake+y	LinStatic	Step By Step	386.6892	0.533	726096.811	484.0224	5.465	88568.895
15	Earthquake+y	LinStatic	Step By Step	604.3793	0.575	1051797.165	1597.491	5.527	289052.556
14	Earthquake+y	LinStatic	Step By Step	680.975	0.609	1118510.381	2525.9778	5.597	451322.515
13	Earthquake+y	LinStatic	Step By Step	762.1489	0.638	1195086.583	3394.0619	5.658	599871.318
12F RF	Earthquake+y	LinStatic	Step By Step	840.3823	0.667	1260640.235	4140.137	5.704	725784.663
11F RF	Earthquake+y	LinStatic	Step By Step	916.3346	0.698	1313329.788	4824.1143	5.731	841756.024
10F RF	Earthquake+y	LinStatic	Step By Step	977.6258	0.731	1337906.832	5452.3441	5.734	950873.823
9F RF	Earthquake+y	LinStatic	Step By Step	1006.1246	0.764	1316083.555	6035.8872	5.71	1057100.612

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
8F RF	Earthquake+y	LinStatic	Step By Step	970.9565	0.796	1220064.839	6586.606	5.655	1164755.712
7F RF	Earthquake+y	LinStatic	Step By Step	814.9047	0.821	992815.993	7119.3353	5.564	1279627.672
6F RF	Earthquake+y	LinStatic	Step By Step	457.0769	0.875	0	7652.1436	5.428	1409747.454
5F RF	Earthquake+y	LinStatic	Step By Step	211.9283	0.919	0	8194.112	5.223	1568753.607
4F RF	Earthquake+y	LinStatic	Step By Step	1180.4833	0.917	1286944.712	8733.5518	4.92	1775091.111
3F RF	Earthquake+y	LinStatic	Step By Step	2422.4809	1.081	2241226.598	8929.0129	4.606	1938371.735
2F RF	Earthquake+y	LinStatic	Step By Step	3067.2878	1.409	2176701.196	11513.1179	4.54	2535665.388
1F RF	Earthquake+y	LinStatic	Step By Step	1113.4218	6.019	184994.635	370.5272	5.5	67366.799

3.3 Modal Results

Table 3.10 - Modal Periods And Frequencies

Case	Mode	Period sec	Frequency cyc/sec	CircFreq rad/sec	Eigenvalue rad ² /sec ²
Modal	1	1.193	0.838	5.2683	27.7555
Modal	2	0.967	1.034	6.495	42.1855
Modal	3	0.437	2.289	14.3816	206.829
Modal	4	0.262	3.817	23.9817	575.1232
Modal	5	0.177	5.656	35.5391	1263.0296
Modal	6	0.176	5.692	35.7646	1279.1035
Modal	7	0.175	5.713	35.8964	1288.5535
Modal	8	0.174	5.743	36.0822	1301.924
Modal	9	0.173	5.774	36.2821	1316.39
Modal	10	0.147	6.795	42.6923	1822.6285
Modal	11	0.144	6.969	43.7849	1917.1133
Modal	12	0.14	7.145	44.8933	2015.406

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

Case	Mode	Period sec	UX	UY	UZ	SumUX	SumUY	SumUZ	RX	RY	RZ
Modal	1	1.193	0.6066	0.0861	0	0.6066	0.0861	0	0.0297	0.1239	0.0459
Modal	2	0.967	0.0785	0.5797	0	0.6851	0.6658	0	0.2386	0.0316	0.0034
Modal	3	0.437	0.0733	0.0006	0	0.7584	0.6664	0	1.169E-05	0.0067	0.6002
Modal	4	0.262	0.1304	0.0015	0	0.8887	0.6679	0	0.0004	0.6187	0.0028
Modal	5	0.177	1.611E-06	0.0001	0	0.8887	0.668	0	0.0002	1.062E-06	0
Modal	6	0.176	1.585E-05	0.0102	0	0.8888	0.6781	0	0.0252	0.0001	0.0001
Modal	7	0.175	2.711E-06	0.0023	0	0.8888	0.6804	0	0.0057	2.158E-05	0.0001
Modal	8	0.174	1.186E-06	0.0671	0	0.8888	0.7476	0	0.1548	0.0002	0.0001
Modal	9	0.173	1.76E-06	0.0905	0	0.8888	0.838	0	0.203	0.0004	0.001
Modal	10	0.147	0.0001	5.315E-06	0	0.8888	0.8381	0	1.241E-06	0.0004	0.0001
Modal	11	0.144	6.634E-06	0.0002	0	0.8888	0.8382	0	0.0006	2.636E-05	0.0001
Modal	12	0.14	4.998E-06	0.0005	0	0.8888	0.8387	0	0.0017	3.829E-05	3.581E-05

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

SumRX	SumRY	SumRZ
0.0297	0.1239	0.0459
0.2684	0.1555	0.0493
0.2684	0.1622	0.6495
0.2688	0.781	0.6522
0.269	0.781	0.6522
0.2942	0.7811	0.6524
0.2999	0.7811	0.6524
0.4547	0.7813	0.6526
0.6577	0.7817	0.6536
0.6577	0.7821	0.6538
0.6583	0.7821	0.6538
0.6601	0.7821	0.6539

Table 3.12 - Modal Load Participation Ratios

Case	ItemType	Item	Static %	Dynamic %
Modal	Acceleration	UX	99.96	88.88
Modal	Acceleration	UY	99.92	83.87
Modal	Acceleration	UZ	0	0

Table 3.13 - Modal Direction Factors

Case	Mode	Period sec	UX	UY	UZ	RZ
Modal	1	1.193	0.801	0.124	0	0.075
Modal	2	0.967	0.12	0.874	0	0.006
Modal	3	0.437	0.09	0.001	0	0.909
Modal	4	0.262	0.991	0.002	0	0.007
Modal	5	0.177	0.002	0.998	0	0.001
Modal	6	0.176	0.003	0.993	0	0.004
Modal	7	0.175	0.002	0.992	0	0.007
Modal	8	0.174	0.005	0.987	0	0.008
Modal	9	0.173	0.003	0.988	0	0.009
Modal	10	0.147	0.98	0.004	0	0.016
Modal	11	0.144	0.007	0.992	0	0.001
Modal	12	0.14	0.001	0.998	0	0.001