

APPENDIX B

ETABS analysis results of 3D model

ETABS v9.5.0 Units: KN-m

PROJECT INFORMATION

S T O R Y D A T A

STORY	SIMILAR TO	HEIGHT	ELEVATION
STORY40	None	3.200	128.800
STORY39	STORY40	3.200	125.600
STORY38	STORY40	3.200	122.400
STORY37	STORY40	3.200	119.200
STORY36	STORY40	3.200	116.000
STORY35	STORY40	3.200	112.800
STORY34	STORY40	3.200	109.600
STORY33	STORY40	3.200	106.400
STORY32	STORY40	3.200	103.200
STORY31	STORY40	3.200	100.000
STORY30	STORY40	3.200	96.800
STORY29	STORY40	3.200	93.600
STORY28	STORY40	3.200	90.400
STORY27	STORY40	3.200	87.200
STORY26	STORY40	3.200	84.000
STORY25	STORY40	3.200	80.800
STORY24	STORY40	3.200	77.600
STORY23	STORY40	3.200	74.400
STORY22	STORY40	3.200	71.200
STORY21	STORY40	3.200	68.000
STORY20	STORY40	3.200	64.800
STORY19	STORY40	3.200	61.600
STORY18	STORY40	3.200	58.400
STORY17	STORY40	3.200	55.200
STORY16	STORY40	3.200	52.000
STORY15	STORY40	3.200	48.800
STORY14	STORY40	3.200	45.600
STORY13	STORY40	3.200	42.400
STORY12	STORY40	3.200	39.200
STORY11	STORY40	3.200	36.000
STORY10	STORY40	3.200	32.800
STORY9	STORY40	3.200	29.600
STORY8	STORY40	3.200	26.400
STORY7	STORY40	3.200	23.200
STORY6	STORY40	3.200	20.000
STORY5	STORY40	3.200	16.800
STORY4	STORY40	3.200	13.600
STORY3	STORY40	3.200	10.400
STORY2	STORY40	3.200	7.200
STORY1	STORY40	4.000	4.000
BASE	None		0.000

S T A T I C L O A D C A S E S

STATIC NOTIONAL CASE DIRECTION	CASE TYPE	AUTO LAT LOAD	SELF WT MULTIPLIER	NOTIONAL FACTOR
DEAD	DEAD	N/A	1.0000	
LIVE	LIVE	N/A	0.0000	
WINDX	WIND	ASCE7-05	0.0000	
WINDX-2	WIND	ASCE7-05	0.0000	
WINDX-3	WIND	ASCE7-05	0.0000	
WINDX-4	WIND	ASCE7-05	0.0000	
WINDX-5	WIND	ASCE7-05	0.0000	
WINDX-6	WIND	ASCE7-05	0.0000	
WINDX-7	WIND	ASCE7-05	0.0000	
WINDX-8	WIND	ASCE7-05	0.0000	
WINDX-9	WIND	ASCE7-05	0.0000	
WINDX-10	WIND	ASCE7-05	0.0000	
WINDX-11	WIND	ASCE7-05	0.0000	
WINDX-12	WIND	ASCE7-05	0.0000	

A U T O W I N D A S C E 7 - 0 5
Case: WINDX

AUTO WIND INPUT DATA

Exposure From: Rigid diaphragm extents
Direction Angle = 0 degrees
Windward Cp = 0.8
Leeward Cp = 0.5
Case (ASCE 7-05 Fig 6.9) = 1
E1 (ASCE 7-05 Fig 6.9) = 0.
E2 (ASCE 7-05 Fig 6.9) = 0.

Top Story: STORY40
Bottom Story: BASE

No parapet is included

Basic Wind Speed, V = 100 mph
Exposure Category = D
Importance Factor, Iw = 1.25
Kzt = 1
Kd = 0.85
Gust Factor, G = 0.94

AUTO WIND EXPOSURE WIDTH INFORMATION (Exposure widths are from diaphragm extents)

Y	STORY	DIAPHRAGM	WIDTH	X
10.000	STORY40	D2	20.800	7.500
10.000	STORY39	D2	20.800	7.500
10.000	STORY38	D2	20.800	7.500
10.000	STORY37	D2	20.800	7.500
10.000	STORY36	D2	20.800	7.500
10.000	STORY35	D2	20.800	7.500
10.000	STORY34	D2	20.800	7.500
10.000	STORY33	D2	20.800	7.500
10.000	STORY32	D2	20.800	7.500
10.000	STORY31	D2	20.800	7.500
10.000	STORY30	D2	20.800	7.500
10.000	STORY29	D2	20.800	7.500
10.000	STORY28	D2	20.800	7.500
10.000	STORY27	D2	20.800	7.500
10.000	STORY26	D2	20.800	7.500
10.000	STORY25	D2	20.800	7.500
10.000	STORY24	D2	20.800	7.500
10.000	STORY23	D2	20.800	7.500
10.000	STORY22	D2	20.800	7.500
10.000	STORY21	D2	20.800	7.500
10.000	STORY20	D2	20.800	7.500
10.000	STORY19	D2	20.800	7.500
10.000	STORY18	D2	20.800	7.500
10.000	STORY17	D2	20.800	7.500
10.000	STORY16	D2	20.800	7.500
10.000	STORY15	D2	20.800	7.500

10.000	STORY14	D2	20.800	7.500
10.000	STORY13	D2	20.800	7.500
10.000	STORY12	D2	20.800	7.500
10.000	STORY11	D2	20.800	7.500
10.000	STORY10	D2	20.800	7.500
10.000	STORY9	D2	20.800	7.500
10.000	STORY8	D2	20.800	7.500
10.000	STORY7	D2	20.800	7.500
10.000	STORY6	D2	20.800	7.500
10.000	STORY5	D2	20.800	7.500
10.000	STORY4	D2	20.800	7.500
10.000	STORY3	D2	20.800	7.500
10.000	STORY2	D2	20.800	7.500
10.000	STORY1	D2	20.800	7.500

AUTO WIND CALCULATION FORMULAS

$P = \text{wind pressure} = \text{WindwardCp } qz \text{ } G + qh \text{ } G \text{ LeewardCp}$

$qz, \text{ the velocity pressure,} = 0.00256 \text{ } Kz \text{ } Kzt \text{ } Kd \text{ } Iw \text{ } V^2 \text{ psf}$

Kz is the velocity pressure exposure coefficient

$Kz = 2.01 (z / zg)^{(2/\alpha)}$ for $15 \text{ feet} \leq z \leq zg$

$Kz = 2.01 (15 / zg)^{(2/\alpha)}$ for $z < 15 \text{ feet}$

z is the distance from the specified bottom story to the point considered

zg and α are specified in ASCE7-05 Table 6-2

qh is the velocity pressure at the specified top story level

AUTO WIND CALCULATION RESULTS

$zg = 700$

$\alpha = 11.5$

$qh = 50.0776$

AUTO WIND STORY FORCES

STORY		FX	FY	FZ
MX	MY	MZ		
STORY40		97.42	0.00	0.00
0.000	0.000	-974.243		
STORY39		194.50	0.00	0.00
0.000	0.000	-1944.976		
STORY38		193.96	0.00	0.00
0.000	0.000	-1939.625		
STORY37		193.42	0.00	0.00
0.000	0.000	-1934.156		
STORY36		192.86	0.00	0.00
0.000	0.000	-1928.565		
STORY35		192.28	0.00	0.00
0.000	0.000	-1922.845		
STORY34		191.70	0.00	0.00
0.000	0.000	-1916.990		
STORY33		191.10	0.00	0.00
0.000	0.000	-1910.991		
STORY32		190.48	0.00	0.00
0.000	0.000	-1904.841		
STORY31		189.85	0.00	0.00
0.000	0.000	-1898.532		
STORY30		189.21	0.00	0.00
0.000	0.000	-1892.053		
STORY29		188.54	0.00	0.00
0.000	0.000	-1885.395		
STORY28		187.85	0.00	0.00
0.000	0.000	-1878.547		
STORY27		187.15	0.00	0.00
0.000	0.000	-1871.495		
STORY26		186.42	0.00	0.00
0.000	0.000	-1864.225		
STORY25		185.67	0.00	0.00
0.000	0.000	-1856.723		
STORY24		184.90	0.00	0.00
0.000	0.000	-1848.972		
STORY23		184.10	0.00	0.00
0.000	0.000	-1840.951		
STORY22		183.26	0.00	0.00
0.000	0.000	-1832.640		
STORY21		182.40	0.00	0.00
0.000	0.000	-1824.015		
STORY20		181.50	0.00	0.00
0.000	0.000	-1815.047		
STORY19		180.57	0.00	0.00
0.000	0.000	-1805.705		
STORY18		179.60	0.00	0.00
0.000	0.000	-1795.953		
STORY17		178.57	0.00	0.00
0.000	0.000	-1785.748		
STORY16		177.50	0.00	0.00
0.000	0.000	-1775.042		

STORY15		176.38	0.00	0.00
0.000	0.000	-1763.777		
STORY14		175.19	0.00	0.00
0.000	0.000	-1751.883		
STORY13		173.93	0.00	0.00
0.000	0.000	-1739.277		
STORY12		172.59	0.00	0.00
0.000	0.000	-1725.858		
STORY11		171.15	0.00	0.00
0.000	0.000	-1711.499		
STORY10		169.60	0.00	0.00
0.000	0.000	-1696.041		
STORY9		167.93	0.00	0.00
0.000	0.000	-1679.278		
STORY8		166.09	0.00	0.00
0.000	0.000	-1660.940		
STORY7		164.07	0.00	0.00
0.000	0.000	-1640.653		
STORY6		161.79	0.00	0.00
0.000	0.000	-1617.891		
STORY5		159.19	0.00	0.00
0.000	0.000	-1591.863		
STORY4		156.13	0.00	0.00
0.000	0.000	-1561.301		
STORY3		152.39	0.00	0.00
0.000	0.000	-1523.948		
STORY2		147.51	0.00	0.00
0.000	0.000	-1475.142		
STORY1		160.62	0.00	0.00
0.000	0.000	-1606.160		

STORY DRIFTS

STORY	DIRECTION	LOAD	MAX DRIFT
STORY40	X	WINDX	1/407
STORY39	X	WINDX	1/397
STORY38	X	WINDX	1/386
STORY37	X	WINDX	1/375
STORY36	X	WINDX	1/365
STORY35	X	WINDX	1/355
STORY34	X	WINDX	1/346
STORY33	X	WINDX	1/337
STORY32	X	WINDX	1/329
STORY31	X	WINDX	1/322
STORY30	X	WINDX	1/315
STORY29	X	WINDX	1/309
STORY28	X	WINDX	1/303
STORY27	X	WINDX	1/298
STORY26	X	WINDX	1/293
STORY25	X	WINDX	1/288
STORY24	X	WINDX	1/284
STORY23	X	WINDX	1/281
STORY22	X	WINDX	1/278
STORY21	X	WINDX	1/275

STORY20	X	WINDX	1/273
STORY19	X	WINDX	1/271
STORY18	X	WINDX	1/269
STORY17	X	WINDX	1/268
STORY16	X	WINDX	1/267
STORY15	X	WINDX	1/267
STORY14	X	WINDX	1/267
STORY13	X	WINDX	1/268
STORY12	X	WINDX	1/269
STORY11	X	WINDX	1/271
STORY10	X	WINDX	1/273
STORY9	X	WINDX	1/276
STORY8	X	WINDX	1/280
STORY7	X	WINDX	1/284
STORY6	X	WINDX	1/290
STORY5	X	WINDX	1/297
STORY4	X	WINDX	1/307
STORY3	X	WINDX	1/323
STORY2	X	WINDX	1/359
STORY1	X	WINDX	1/610
STORY40	X	WINDX-3	1/542
STORY39	X	WINDX-3	1/530
STORY38	X	WINDX-3	1/515
STORY37	X	WINDX-3	1/501
STORY36	X	WINDX-3	1/487
STORY35	X	WINDX-3	1/473
STORY34	X	WINDX-3	1/461
STORY33	X	WINDX-3	1/450
STORY32	X	WINDX-3	1/439
STORY31	X	WINDX-3	1/429
STORY30	X	WINDX-3	1/420
STORY29	X	WINDX-3	1/412
STORY28	X	WINDX-3	1/404
STORY27	X	WINDX-3	1/397
STORY26	X	WINDX-3	1/390
STORY25	X	WINDX-3	1/384
STORY24	X	WINDX-3	1/379
STORY23	X	WINDX-3	1/374
STORY22	X	WINDX-3	1/370
STORY21	X	WINDX-3	1/366
STORY20	X	WINDX-3	1/363
STORY19	X	WINDX-3	1/361
STORY18	X	WINDX-3	1/359
STORY17	X	WINDX-3	1/357
STORY16	X	WINDX-3	1/356
STORY15	X	WINDX-3	1/356
STORY14	X	WINDX-3	1/356
STORY13	X	WINDX-3	1/357
STORY12	X	WINDX-3	1/359
STORY11	X	WINDX-3	1/361
STORY10	X	WINDX-3	1/364
STORY9	X	WINDX-3	1/368
STORY8	X	WINDX-3	1/373
STORY7	X	WINDX-3	1/379
STORY6	X	WINDX-3	1/387
STORY5	X	WINDX-3	1/396

STORY4	X	WINDX-3	1/409
STORY3	X	WINDX-3	1/431
STORY2	X	WINDX-3	1/478
STORY1	X	WINDX-3	1/813
STORY40	X	WINDX-4	1/542
STORY39	X	WINDX-4	1/530
STORY38	X	WINDX-4	1/515
STORY37	X	WINDX-4	1/501
STORY36	X	WINDX-4	1/487
STORY35	X	WINDX-4	1/473
STORY34	X	WINDX-4	1/461
STORY33	X	WINDX-4	1/450
STORY32	X	WINDX-4	1/439
STORY31	X	WINDX-4	1/429
STORY30	X	WINDX-4	1/420
STORY29	X	WINDX-4	1/412
STORY28	X	WINDX-4	1/404
STORY27	X	WINDX-4	1/397
STORY26	X	WINDX-4	1/390
STORY25	X	WINDX-4	1/384
STORY24	X	WINDX-4	1/379
STORY23	X	WINDX-4	1/374
STORY22	X	WINDX-4	1/370
STORY21	X	WINDX-4	1/366
STORY20	X	WINDX-4	1/363
STORY19	X	WINDX-4	1/361
STORY18	X	WINDX-4	1/359
STORY17	X	WINDX-4	1/357
STORY16	X	WINDX-4	1/356
STORY15	X	WINDX-4	1/356
STORY14	X	WINDX-4	1/356
STORY13	X	WINDX-4	1/357
STORY12	X	WINDX-4	1/359
STORY11	X	WINDX-4	1/361
STORY10	X	WINDX-4	1/364
STORY9	X	WINDX-4	1/368
STORY8	X	WINDX-4	1/373
STORY7	X	WINDX-4	1/379
STORY6	X	WINDX-4	1/387
STORY5	X	WINDX-4	1/396
STORY4	X	WINDX-4	1/409
STORY3	X	WINDX-4	1/431
STORY2	X	WINDX-4	1/478
STORY1	X	WINDX-4	1/813
STORY40	X	WINDX-7	1/542
STORY39	X	WINDX-7	1/530
STORY38	X	WINDX-7	1/515
STORY37	X	WINDX-7	1/501
STORY36	X	WINDX-7	1/487
STORY35	X	WINDX-7	1/473
STORY34	X	WINDX-7	1/461
STORY33	X	WINDX-7	1/450
STORY32	X	WINDX-7	1/439
STORY31	X	WINDX-7	1/429
STORY30	X	WINDX-7	1/420
STORY29	X	WINDX-7	1/412

STORY28	X	WINDX-7	1/404
STORY27	X	WINDX-7	1/397
STORY26	X	WINDX-7	1/390
STORY25	X	WINDX-7	1/384
STORY24	X	WINDX-7	1/379
STORY23	X	WINDX-7	1/374
STORY22	X	WINDX-7	1/370
STORY21	X	WINDX-7	1/366
STORY20	X	WINDX-7	1/363
STORY19	X	WINDX-7	1/361
STORY18	X	WINDX-7	1/359
STORY17	X	WINDX-7	1/357
STORY16	X	WINDX-7	1/356
STORY15	X	WINDX-7	1/356
STORY14	X	WINDX-7	1/356
STORY13	X	WINDX-7	1/357
STORY12	X	WINDX-7	1/359
STORY11	X	WINDX-7	1/361
STORY10	X	WINDX-7	1/364
STORY9	X	WINDX-7	1/368
STORY8	X	WINDX-7	1/373
STORY7	X	WINDX-7	1/379
STORY6	X	WINDX-7	1/387
STORY5	X	WINDX-7	1/396
STORY4	X	WINDX-7	1/409
STORY3	X	WINDX-7	1/431
STORY2	X	WINDX-7	1/478
STORY1	X	WINDX-7	1/813
STORY40	X	WINDX-8	1/542
STORY39	X	WINDX-8	1/530
STORY38	X	WINDX-8	1/515
STORY37	X	WINDX-8	1/501
STORY36	X	WINDX-8	1/487
STORY35	X	WINDX-8	1/473
STORY34	X	WINDX-8	1/461
STORY33	X	WINDX-8	1/450
STORY32	X	WINDX-8	1/439
STORY31	X	WINDX-8	1/429
STORY30	X	WINDX-8	1/420
STORY29	X	WINDX-8	1/412
STORY28	X	WINDX-8	1/404
STORY27	X	WINDX-8	1/397
STORY26	X	WINDX-8	1/390
STORY25	X	WINDX-8	1/384
STORY24	X	WINDX-8	1/379
STORY23	X	WINDX-8	1/374
STORY22	X	WINDX-8	1/370
STORY21	X	WINDX-8	1/366
STORY20	X	WINDX-8	1/363
STORY19	X	WINDX-8	1/361
STORY18	X	WINDX-8	1/359
STORY17	X	WINDX-8	1/357
STORY16	X	WINDX-8	1/356
STORY15	X	WINDX-8	1/356
STORY14	X	WINDX-8	1/356
STORY13	X	WINDX-8	1/357

STORY12	X	WINDX-8	1/359
STORY11	X	WINDX-8	1/361
STORY10	X	WINDX-8	1/364
STORY9	X	WINDX-8	1/368
STORY8	X	WINDX-8	1/373
STORY7	X	WINDX-8	1/379
STORY6	X	WINDX-8	1/387
STORY5	X	WINDX-8	1/396
STORY4	X	WINDX-8	1/409
STORY3	X	WINDX-8	1/431
STORY2	X	WINDX-8	1/478
STORY1	X	WINDX-8	1/813
STORY40	X	WINDX-9	1/722
STORY39	X	WINDX-9	1/706
STORY38	X	WINDX-9	1/686
STORY37	X	WINDX-9	1/667
STORY36	X	WINDX-9	1/648
STORY35	X	WINDX-9	1/631
STORY34	X	WINDX-9	1/614
STORY33	X	WINDX-9	1/599
STORY32	X	WINDX-9	1/585
STORY31	X	WINDX-9	1/572
STORY30	X	WINDX-9	1/560
STORY29	X	WINDX-9	1/548
STORY28	X	WINDX-9	1/538
STORY27	X	WINDX-9	1/529
STORY26	X	WINDX-9	1/520
STORY25	X	WINDX-9	1/512
STORY24	X	WINDX-9	1/505
STORY23	X	WINDX-9	1/499
STORY22	X	WINDX-9	1/493
STORY21	X	WINDX-9	1/488
STORY20	X	WINDX-9	1/484
STORY19	X	WINDX-9	1/481
STORY18	X	WINDX-9	1/478
STORY17	X	WINDX-9	1/476
STORY16	X	WINDX-9	1/475
STORY15	X	WINDX-9	1/474
STORY14	X	WINDX-9	1/475
STORY13	X	WINDX-9	1/476
STORY12	X	WINDX-9	1/478
STORY11	X	WINDX-9	1/481
STORY10	X	WINDX-9	1/485
STORY9	X	WINDX-9	1/491
STORY8	X	WINDX-9	1/497
STORY7	X	WINDX-9	1/505
STORY6	X	WINDX-9	1/515
STORY5	X	WINDX-9	1/528
STORY4	X	WINDX-9	1/545
STORY3	X	WINDX-9	1/574
STORY2	X	WINDX-9	1/637
STORY1	X	WINDX-9	1/1083
STORY40	X	WINDX-10	1/722
STORY39	X	WINDX-10	1/706
STORY38	X	WINDX-10	1/686
STORY37	X	WINDX-10	1/667

STORY36	X	WINDX-10	1/648
STORY35	X	WINDX-10	1/631
STORY34	X	WINDX-10	1/614
STORY33	X	WINDX-10	1/599
STORY32	X	WINDX-10	1/585
STORY31	X	WINDX-10	1/572
STORY30	X	WINDX-10	1/560
STORY29	X	WINDX-10	1/548
STORY28	X	WINDX-10	1/538
STORY27	X	WINDX-10	1/529
STORY26	X	WINDX-10	1/520
STORY25	X	WINDX-10	1/512
STORY24	X	WINDX-10	1/505
STORY23	X	WINDX-10	1/499
STORY22	X	WINDX-10	1/493
STORY21	X	WINDX-10	1/488
STORY20	X	WINDX-10	1/484
STORY19	X	WINDX-10	1/481
STORY18	X	WINDX-10	1/478
STORY17	X	WINDX-10	1/476
STORY16	X	WINDX-10	1/475
STORY15	X	WINDX-10	1/474
STORY14	X	WINDX-10	1/475
STORY13	X	WINDX-10	1/476
STORY12	X	WINDX-10	1/478
STORY11	X	WINDX-10	1/481
STORY10	X	WINDX-10	1/485
STORY9	X	WINDX-10	1/491
STORY8	X	WINDX-10	1/497
STORY7	X	WINDX-10	1/505
STORY6	X	WINDX-10	1/515
STORY5	X	WINDX-10	1/528
STORY4	X	WINDX-10	1/545
STORY3	X	WINDX-10	1/574
STORY2	X	WINDX-10	1/637
STORY1	X	WINDX-10	1/1082
STORY40	X	WINDX-11	1/722
STORY39	X	WINDX-11	1/706
STORY38	X	WINDX-11	1/686
STORY37	X	WINDX-11	1/667
STORY36	X	WINDX-11	1/648
STORY35	X	WINDX-11	1/631
STORY34	X	WINDX-11	1/614
STORY33	X	WINDX-11	1/599
STORY32	X	WINDX-11	1/585
STORY31	X	WINDX-11	1/572
STORY30	X	WINDX-11	1/560
STORY29	X	WINDX-11	1/548
STORY28	X	WINDX-11	1/538
STORY27	X	WINDX-11	1/529
STORY26	X	WINDX-11	1/520
STORY25	X	WINDX-11	1/512
STORY24	X	WINDX-11	1/505
STORY23	X	WINDX-11	1/499
STORY22	X	WINDX-11	1/493
STORY21	X	WINDX-11	1/488

STORY20	X	WINDX-11	1/484
STORY19	X	WINDX-11	1/481
STORY18	X	WINDX-11	1/478
STORY17	X	WINDX-11	1/476
STORY16	X	WINDX-11	1/475
STORY15	X	WINDX-11	1/474
STORY14	X	WINDX-11	1/475
STORY13	X	WINDX-11	1/476
STORY12	X	WINDX-11	1/478
STORY11	X	WINDX-11	1/481
STORY10	X	WINDX-11	1/485
STORY9	X	WINDX-11	1/491
STORY8	X	WINDX-11	1/497
STORY7	X	WINDX-11	1/505
STORY6	X	WINDX-11	1/515
STORY5	X	WINDX-11	1/528
STORY4	X	WINDX-11	1/545
STORY3	X	WINDX-11	1/574
STORY2	X	WINDX-11	1/637
STORY1	X	WINDX-11	1/1082
STORY40	X	WINDX-12	1/722
STORY39	X	WINDX-12	1/706
STORY38	X	WINDX-12	1/686
STORY37	X	WINDX-12	1/667
STORY36	X	WINDX-12	1/648
STORY35	X	WINDX-12	1/631
STORY34	X	WINDX-12	1/614
STORY33	X	WINDX-12	1/599
STORY32	X	WINDX-12	1/585
STORY31	X	WINDX-12	1/572
STORY30	X	WINDX-12	1/560
STORY29	X	WINDX-12	1/548
STORY28	X	WINDX-12	1/538
STORY27	X	WINDX-12	1/529
STORY26	X	WINDX-12	1/520
STORY25	X	WINDX-12	1/512
STORY24	X	WINDX-12	1/505
STORY23	X	WINDX-12	1/499
STORY22	X	WINDX-12	1/493
STORY21	X	WINDX-12	1/488
STORY20	X	WINDX-12	1/484
STORY19	X	WINDX-12	1/481
STORY18	X	WINDX-12	1/478
STORY17	X	WINDX-12	1/476
STORY16	X	WINDX-12	1/475
STORY15	X	WINDX-12	1/474
STORY14	X	WINDX-12	1/475
STORY13	X	WINDX-12	1/476
STORY12	X	WINDX-12	1/478
STORY11	X	WINDX-12	1/481
STORY10	X	WINDX-12	1/485
STORY9	X	WINDX-12	1/491
STORY8	X	WINDX-12	1/497
STORY7	X	WINDX-12	1/505
STORY6	X	WINDX-12	1/515
STORY5	X	WINDX-12	1/528

STORY4	X	WINDX-12	1/545
STORY3	X	WINDX-12	1/574
STORY2	X	WINDX-12	1/637
STORY1	X	WINDX-12	1/1083

STORY MAXIMUM AND AVERAGE LATERAL DISPLACEMENTS

STORY RATIO	LOAD	DIR	MAXIMUM	AVERAGE
STORY40 1.000	WINDX	X	0.4210	0.4210
STORY39 1.000	WINDX	X	0.4131	0.4131
STORY38 1.000	WINDX	X	0.4051	0.4051
STORY37 1.000	WINDX	X	0.3968	0.3968
STORY36 1.000	WINDX	X	0.3883	0.3883
STORY35 1.000	WINDX	X	0.3795	0.3795
STORY34 1.000	WINDX	X	0.3705	0.3705
STORY33 1.000	WINDX	X	0.3612	0.3612
STORY32 1.000	WINDX	X	0.3517	0.3517
STORY31 1.000	WINDX	X	0.3420	0.3420
STORY30 1.000	WINDX	X	0.3321	0.3321
STORY29 1.000	WINDX	X	0.3219	0.3219
STORY28 1.000	WINDX	X	0.3116	0.3116
STORY27 1.000	WINDX	X	0.3010	0.3010
STORY26 1.000	WINDX	X	0.2902	0.2902
STORY25 1.000	WINDX	X	0.2793	0.2793
STORY24 1.000	WINDX	X	0.2682	0.2682
STORY23 1.000	WINDX	X	0.2570	0.2570
STORY22 1.000	WINDX	X	0.2456	0.2456
STORY21 1.000	WINDX	X	0.2340	0.2340
STORY20 1.000	WINDX	X	0.2224	0.2224
STORY19 1.000	WINDX	X	0.2107	0.2106

STORY18	WINDX	X	0.1988	0.1988
1.000				
STORY17	WINDX	X	0.1869	0.1869
1.000				
STORY16	WINDX	X	0.1750	0.1750
1.000				
STORY15	WINDX	X	0.1630	0.1630
1.000				
STORY14	WINDX	X	0.1510	0.1510
1.000				
STORY13	WINDX	X	0.1391	0.1391
1.000				
STORY12	WINDX	X	0.1271	0.1271
1.000				
STORY11	WINDX	X	0.1152	0.1152
1.000				
STORY10	WINDX	X	0.1034	0.1034
1.000				
STORY9	WINDX	X	0.0917	0.0917
1.000				
STORY8	WINDX	X	0.0801	0.0801
1.000				
STORY7	WINDX	X	0.0687	0.0687
1.000				
STORY6	WINDX	X	0.0574	0.0574
1.000				
STORY5	WINDX	X	0.0464	0.0464
1.000				
STORY4	WINDX	X	0.0356	0.0356
1.000				
STORY3	WINDX	X	0.0252	0.0252
1.000				
STORY2	WINDX	X	0.0153	0.0153
1.001				
STORY1	WINDX	X	0.0066	0.0065