

BAB VI

KESIMPULAN DAN SARAN

6.1. Kesimpulan

Tugas akhir dengan judul Perancangan Struktur Kubah Geodesik Baja Sebagai Hunian Semi Permanen Korban Bencana Alam ini dilakukan dengan tujuan untuk merancang hunian semi permanen untuk korban bencana alam dalam bentuk struktur kubah geodesik. Manfaat bagi penulis adalah untuk mendapatkan pengalaman dan pengetahuan dalam merancang struktur kubah geodesik yang sesuai dengan Standar Nasional Indonesia.

Struktur kubah geodesik yang dirancang adalah struktur kubah geodesik 3V 3/8 berdiameter 10 m. Struktur terdiri dari rangkaian penopang baja profil pipa yang disambung dengan baut. Untuk membentuk struktur kubah geodesik 3V diperlukan tiga jenis penopang, yaitu penopang A, B, dan C dengan panjang teoritis masing-masing adalah 1,743 m, 2,0175 m, dan 2,062 m. Setelah digambar dengan dimensi penopang tersebut didapatkan diameter riil struktur kubah geodesik 9,7327 m dengan tinggi pusat 4,1418 m.

Metode perancangan dimulai dengan estimasi dimensi elemen struktur, kemudian dilakukan analisis struktur dengan bantuan program ETABS 9. Estimasi awal dimensi elemen struktur yang digunakan adalah penopang baja profil pipa 1¹/₄ inci dengan diameter luar 42,2 mm dan ketebalan 3,56 mm yang didapatkan dari menghitung batas kelangsingan baja profil pipa. Peraturan yang digunakan dalam perancangan ini adalah Peraturan Pembebanan Indonesia Untuk Gedung

1983, Tata Cara Perencanaan Struktur Baja Untuk Bangunan Gedung SNI 03-1729-2002, dan Standar Perencanaan Ketahanan Gempa Untuk Struktur Bangunan Gedung SNI 03-1726-2002.

Dari *analysis output* program ETABS 9 didapatkan beban maksimum yang terjadi pada struktur. Beban tekan sebesar 6,65 kN dan beban tarik sebesar 4,82 kN. Dengan beban tersebut, dapat dianalisa apakah estimasi dimensi penopang cukup untuk menanggung beban yang terjadi. Metode analisa yang digunakan adalah membandingkan beban tekan dan beban tarik terfaktor struktur dengan kuat tekan nominal dan kuat tarik nominal yang dapat ditanggung penopang.

Untuk analisis sambungan, dicari sambungan yang menerima kombinasi beban terbesar pada struktur. Didapat sambungan 28 pada ETABS 9 yang menghubungkan enam penopang. Sambungan ini menerima beban tekan sebesar 3,77 kN dan 6,65 kN, beban tarik sebesar 1,85 kN, 3,42 kN, 4,82 kN, dan 1,04 kN dari masing-masing penopangnya. Metode untuk mencari diameter baut sambungan adalah dengan membandingkan kuat geser rencana baut dengan beban terfaktor yaitu beban terbesar pada sambungan. Setelah didapatkan dimensi baut, perlu dianalisa juga kuat tumpu sambungan.

Dari hasil analisa menggunakan peraturan yang berlaku, diketahui estimasi awal dimensi penopang sudah cukup kuat dalam menanggung beban yang terjadi pada struktur sehingga tidak perlu dilakukan perubahan dimensi. Dari hasil analisis sambungan, didapatkan baut berdiameter 8 mm cukup kuat untuk menumpu beban yang terjadi pada struktur. Hasil perancangan struktur kubah

geodesik ini diharapkan dapat berguna dan dapat diterapkan sebagai hunian bagi korban bencana alam di Indonesia.

6.2. Saran

Saran yang dapat diberikan dari hasil Perancangan Struktur Kubah Geodesik Baja Sebagai Hunian Semi Permanen Korban Bencana Alam adalah sebagai berikut.

- a. Perlu diperhitungkan *residual stress* yang terjadi pada baja profil pipa yang diakibatkan oleh proses pemipihan pada kedua ujung penopang untuk pembentukan sambungan.
- b. Perancangan dapat dilanjutkan hingga kebutuhan sirkulasi udara dan kebutuhan cahaya pada material penutup struktur kubah geodesik dengan tata cara yang berlaku.
- c. Aturan Standar Perencanaan Ketahanan Gempa Untuk Struktur Bangunan Gedung SNI 03-1726-2002 digunakan dalam perancangan tugas akhir ini, namun akan lebih baik jika digunakan peraturan gempa terbaru yaitu SNI 03-1726-2012 dalam perancangan.

DAFTAR PUSTAKA

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- Badan Standarisasi Nasional, 2002, *Tata Cara Perencanaan Struktur Baja Untuk Bangunan Gedung*, SNI 03-1729-2002, Bandung.
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- Kahn, L., 1971, *Domebook 2*, Shelter Publications, Bolinas.
- Tim Penyusun Buku Pedoman Program Studi Teknik Sipil, 2013, *Pedoman Penulisan Laporan Tugas Akhir*, Universitas Atma Jaya Yogyakarta, Yogyakarta.
- Different Spaces Domes, *Characteristics and properties of Geodesic Domes*, diakses tanggal 15 Juli 2014, <https://sites.google.com/site/dsdomes/conceptos>
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- Robinson, P., 2007, *Dome Structural Analysis Basics*, diakses tanggal 28 Februari 2014, http://geo-dome.co.uk/article.asp?uname=basic_analysis_dome
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SPEKIFIKASI BAJA PROFIL PIPA

Sumber: Gunung Steel

ASTM A 53 (A)

Nominal Size		Outside Diameter (mm)	Thickness (mm)	Sch	Test Pressure	
DN	NPS				Psi	Kg/cm ²
20	3/4"	26.7	2.87	40	700	49
25	1"	33.4	3.38	40	700	49
32	1 1/4"	42.2	3.56	40	1200	85
40	1 1/2"	48.3	3.68	40	1200	85
50	2"	60.3	3.91	40	2300	161
65	2 1/2"	73	5.16	40	2500	175
			3.18	-	1290	91
80	3"	88.9	3.96	-	1600	112
			4.78	-	1930	136
			5.49	40	2220	156
100	4"	114.3	3.18	-	1000	70
			3.96	-	1250	88
			4.78	-	1500	105
			5.56	-	1750	123
			6.02	40	1900	134

NOTE : Non standard sizes are available upon request and subject to minimum quantity.

Chemical Composition

- Carbon (C) : 0.25 % max
- Phosphor (p) : 0.05 % max
- Sulfur (s) : 0.045 % max

Mechanical

- Tensile Strength : 330 N/mm² min
- Yield Strength : 205 N/mm² min
- Elongation : 22 % min




Tolerance

- Thickness : ± 12.5 %
- Length : ± 2 %
- Outside Diameter
 - OD ≤ 48.3 mm : ± 0.4 mm
 - OD ≥ 60.3 mm : ± 1 %
- Standar length of Pipe : 6000 mm






Email: info@boltdepot.com
Toll Free: 1-866-337-9888

Bolt Grade Markings and Strength Chart

Head Marking	Grade and Material	Nominal Size Range (inches)	Mechanical Properties		
			Proof Load (psi)	Min. Yield Strength (psi)	Min. Tensile Strength (psi)
US Bolts					
 No Markings	Grade 2 Low or medium carbon steel	1/4 thru 3/4	55,000	57,000	74,000
		Over 3/4 thru 1-1/2	33,000	36,000	60,000
 3 Radial Lines	Grade 5 Medium Carbon Steel, Quenched and Tempered	1/4 thru 1	85,000	92,000	120,000
		Over 1 thru 1-1/2	74,000	81,000	105,000
 6 Radial Lines	Grade 8 Medium Carbon Alloy Steel, Quenched and Tempered	1/4 thru 1-1/2	120,000	130,000	150,000
Stainless markings vary. Most stainless is non-magnetic	18-8 Stainless Steel alloy with 17-19% Chromium and 8-13% Nickel	1/4 thru 5/8		40,000 Min. – 90,000 Typical	100,000 – 125,000 Typical
		3/4 thru 1		40,000 Min. – 70,000 Typical	100,000 Typical
		Above 1			80,000 – 90,000 Typical
Head Marking	Class and Material	Nominal Size Range (mm)	Mechanical Properties		
			Proof Load (MPa)	Min. Yield Strength (MPa)	Min. Tensile Strength (MPa)

Metric bolts

 8.8	Class 8.8 Medium Carbon Steel, Quenched and Tempered	All Sizes below 16mm	580	640	800
		16mm - 72mm	600	660	830
 10.9	Class 10.9 Alloy Steel, Quenched and Tempered	5mm - 100mm	830	940	1040
 12.9	Class 12.9 Alloy Steel, Quenched and Tempered	1.6mm - 100mm	970	1100	1220
Stainless markings vary. Most stainless is non- magnetic. Usually stamped A-2	A-2 Stainless Steel alloy with 17- 19% Chromium and 8- 13% Nickel	All Sizes thru 20mm		210 Min. 450 Typical	500 Min. 700 Typical

Tensile Strength: The maximum load in tension (pulling apart) which a material can withstand before breaking or fracturing.

Yield Strength: The load at which a material exhibits a specific permanent deformation.

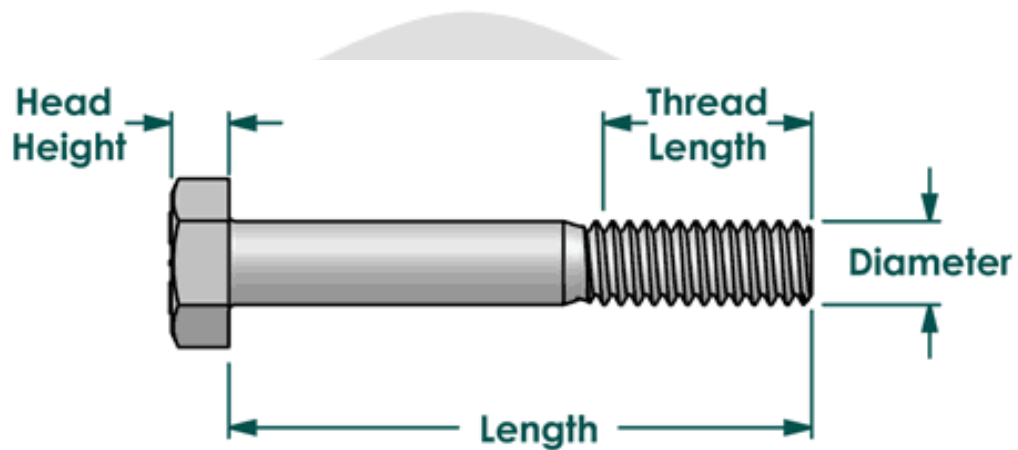
Proof Load: An axial tensile load which the product must withstand without evidence of any permanent set.

$$1\text{MPa} = 1\text{N/mm}^2 = 145 \text{ pounds/inch}^2$$



SPESIFIKASI BAUT, MUR, DAN RING PLAT

Sumber: *boltdepot.com*

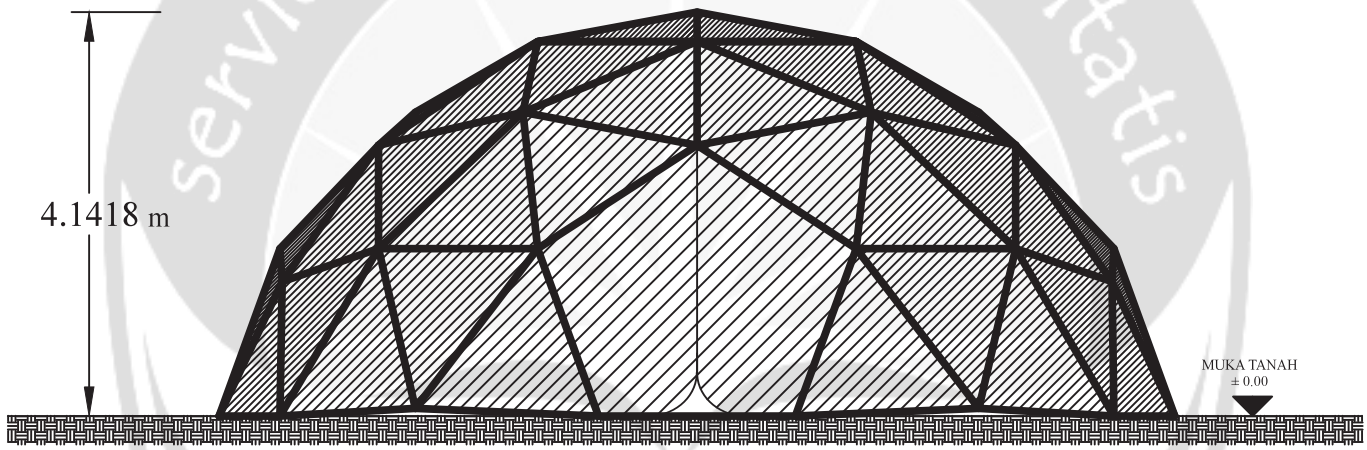


NOTE: Image not to scale.

Product details

<i>Bolt Depot Product #:</i>	5820
<i>Units:</i>	Metric
<i>Category:</i>	Hex bolts
<i>Subcategory:</i>	Hex bolts
<i>Material:</i>	Stainless steel
<i>Grade:</i>	18-8
<i>Thread direction:</i>	Right hand
<i>Thread density:</i>	Coarse
<i>Diameter:</i>	8mm
<i>Thread pitch:</i>	1.25mm
<i>Length:</i>	55mm
<i>Head style:</i>	Hex
<i>Drive type:</i>	External hex
<i>Width across the flats:</i>	13mm

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TAMPAK DEPAN (±0.00)
SKALA 1 : 75

PROYEK :	PERENCANA :			PENGESAHAN :		JUDUL GAMBAR	DIGAMBAR		CATATAN
	ARSITEKTURAL	STRUKTURAL	MEKANIKAL ELEKTRIKAL	MENYETUJUI	REVISI		NO. LEMBAR	JML LEMBAR	
					SKALA	TANGGAL	KODE	

STORY DATA

STORY	SIMILAR TO	HEIGHT	ELEVATION
STORY7	None	303.800	4141.800
STORY6	STORY7	722.900	3838.000
STORY5	STORY7	337.900	3115.100
STORY4	STORY7	1060.800	2777.200
STORY3	STORY7	338.500	1716.400
STORY2	STORY7	1298.100	1377.900
STORY1	STORY7	79.800	79.800
BASE	None		0.000

STATIC LOAD CASES

STATIC CASE	CASE TYPE	AUTO LAT LOAD	SELF WT MULTIPLIER	NOTIONAL FACTOR	NOTIONAL DIRECTION
DEAD	DEAD	N/A	1.0000		
LIVE	LIVE	N/A	0.0000		
WIND	WIND	None	0.0000		

RESPONSE SPECTRUM CASES

RESP SPEC CASE: SPECX

BASIC RESPONSE SPECTRUM DATA

MODAL COMBO	DIRECTION COMBO	MODAL DAMPING	SPECTRUM ANGLE	TYPICAL ECCEN
SRSS	SRSS	0.0500	0.0000	0.0000

RESPONSE SPECTRUM FUNCTION ASSIGNMENT DATA

DIRECTION	FUNCTION	SCALE FACT
U1	FUNC1	1615.8000
U2	----	N/A
UZ	----	N/A

RESP SPEC CASE: SPECY

BASIC RESPONSE SPECTRUM DATA

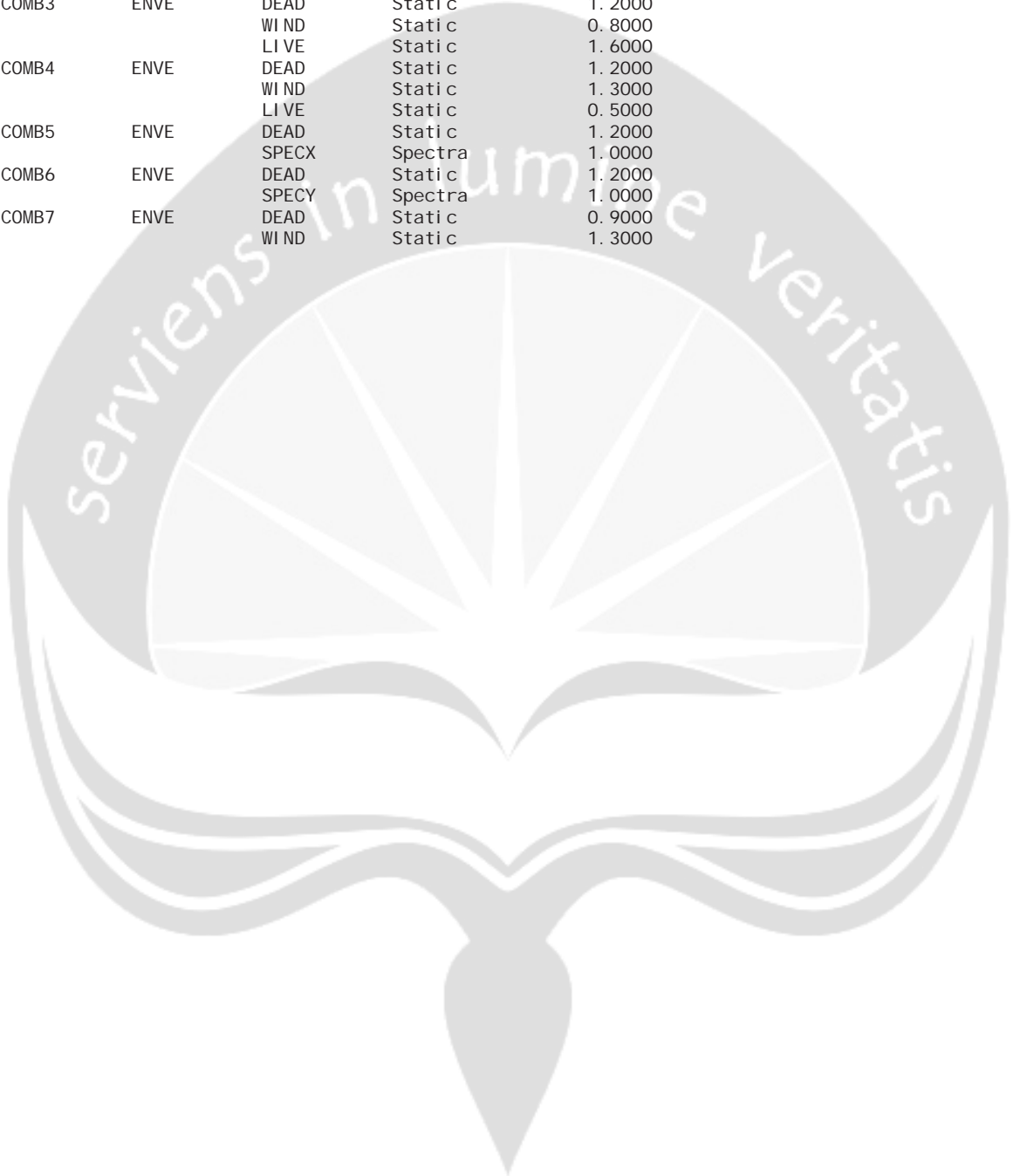
MODAL COMBO	DIRECTION COMBO	MODAL DAMPING	SPECTRUM ANGLE	TYPICAL ECCEN
SRSS	SRSS	0.0500	0.0000	0.0000

RESPONSE SPECTRUM FUNCTION ASSIGNMENT DATA

DIRECTION	FUNCTION	SCALE FACT
U1	----	N/A
U2	FUNC1	1615.8000
UZ	----	N/A

L O A D I N G C O M B I N A T I O N S

COMBO	COMBO TYPE	CASE	CASE TYPE	SCALE FACTOR
COMB1	ENVE	DEAD	Static	1.4000
COMB2	ENVE	DEAD	Static	1.2000
		LIVE	Static	0.5000
COMB3	ENVE	DEAD	Static	1.2000
		WIND	Static	0.8000
		LIVE	Static	1.6000
COMB4	ENVE	DEAD	Static	1.2000
		WIND	Static	1.3000
		LIVE	Static	0.5000
COMB5	ENVE	DEAD	Static	1.2000
		SPECX	Spectra	1.0000
COMB6	ENVE	DEAD	Static	1.2000
		SPECY	Spectra	1.0000
COMB7	ENVE	DEAD	Static	0.9000
		WIND	Static	1.3000



LOADING COMBINATIONS

COMBO	COMBO TYPE	CASE	CASE TYPE	SCALE FACTOR
COMB1	ENVE	DEAD	Static	1.4000
COMB2	ENVE	DEAD	Static	1.2000
		LIVE	Static	0.5000
COMB3	ENVE	DEAD	Static	1.2000
		WIND	Static	0.8000
		LIVE	Static	1.6000
COMB4	ENVE	DEAD	Static	1.2000
		WIND	Static	1.3000
		LIVE	Static	0.5000
COMB5	ENVE	DEAD	Static	1.2000
		SPECX	Spectra	1.0000
COMB6	ENVE	DEAD	Static	1.2000
		SPECY	Spectra	1.0000
COMB7	ENVE	DEAD	Static	0.9000
		WIND	Static	1.3000

SUPPORT REACTION ENVELOPES

STORY	POINT	ITEM	FX	FY	FZ	MX	MY	MZ
BASE	1	Min Value	-0.60	-0.64	-0.11	0.000	0.000	0.000
		Min Case	COMB7	COMB3	COMB6	COMB7	COMB7	COMB7
		Max Value	4.47	0.82	7.86	0.000	0.000	0.000
		Max Case	COMB3	COMB7	COMB3	COMB7	COMB7	COMB7
BASE	3	Min Value	-1.05	-1.73	-2.08	0.000	0.000	0.000
		Min Case	COMB7	COMB3	COMB3	COMB7	COMB7	COMB7
		Max Value	2.37	0.80	1.02	0.000	0.000	0.000
		Max Case	COMB3	COMB7	COMB7	COMB7	COMB7	COMB7
BASE	4	Min Value	-2.37	-1.73	-2.08	0.000	0.000	0.000
		Min Case	COMB3	COMB3	COMB3	COMB7	COMB7	COMB7
		Max Value	0.05	0.04	0.24	0.000	0.000	0.000
		Max Case	COMB6	COMB6	COMB1	COMB7	COMB7	COMB7
BASE	5	Min Value	-4.47	-0.66	-0.11	0.000	0.000	0.000
		Min Case	COMB3	COMB7	COMB6	COMB7	COMB7	COMB7
		Max Value	0.05	0.01	7.86	0.000	0.000	0.000
		Max Case	COMB6	COMB6	COMB3	COMB7	COMB7	COMB7
BASE	6	Min Value	-1.54	-0.23	-0.02	0.000	0.000	0.000
		Min Case	COMB3	COMB7	COMB6	COMB7	COMB7	COMB7
		Max Value	0.01	2.12	3.93	0.000	0.000	0.000
		Max Case	COMB6	COMB3	COMB3	COMB7	COMB7	COMB7
BASE	7	Min Value	-1.33	-0.32	-0.02	0.000	0.000	0.000
		Min Case	COMB3	COMB1	COMB6	COMB7	COMB7	COMB7
		Max Value	0.03	0.69	2.17	0.000	0.000	0.000
		Max Case	COMB6	COMB7	COMB3	COMB7	COMB7	COMB7
BASE	8	Min Value	-1.04	-0.17	-0.05	0.000	0.000	0.000
		Min Case	COMB7	COMB1	COMB6	COMB7	COMB7	COMB7
		Max Value	0.00	0.35	0.92	0.000	0.000	0.000
		Max Case	COMB6	COMB7	COMB3	COMB7	COMB7	COMB7
BASE	9	Min Value	-1.11	-0.46	-0.05	0.000	0.000	0.000
		Min Case	COMB7	COMB7	COMB6	COMB7	COMB7	COMB7
		Max Value	0.71	0.02	0.92	0.000	0.000	0.000
		Max Case	COMB3	COMB6	COMB3	COMB7	COMB7	COMB7
BASE	10	Min Value	-0.94	-1.17	-0.02	0.000	0.000	0.000
		Min Case	COMB7	COMB7	COMB6	COMB7	COMB7	COMB7
		Max Value	1.33	0.35	2.17	0.000	0.000	0.000
		Max Case	COMB3	COMB3	COMB3	COMB7	COMB7	COMB7
BASE	11	Min Value	-0.06	-0.06	-0.02	0.000	0.000	0.000
		Min Case	COMB7	COMB6	COMB6	COMB7	COMB7	COMB7
		Max Value	1.54	2.12	3.93	0.000	0.000	0.000
		Max Case	COMB3	COMB3	COMB3	COMB7	COMB7	COMB7

BEAM FORCE ENVELOPES

STORY	BEAM	ITEM	P	V2	V3	T	M2	M3
STORY6	B63	Min Value	-0.97	-0.05	0.00	-1.985	-0.177	-16.423
		Min Case	COMB3	COMB7	COMB1	COMB7	COMB7	COMB1
		Max Value	0.29	0.05	0.00	0.046	0.102	7.153
		Max Case	COMB7	COMB1	COMB6	COMB6	COMB7	COMB1
STORY6	B64	Min Value	-0.08	-0.05	0.00	-0.012	-0.037	-15.953
		Min Case	COMB1	COMB1	COMB7	COMB6	COMB6	COMB1
		Max Value	0.32	0.05	0.00	0.424	0.214	7.362
		Max Case	COMB7	COMB1	COMB3	COMB3	COMB3	COMB1
STORY6	B65	Min Value	-1.59	-0.05	0.00	-0.034	-0.284	-15.763
		Min Case	COMB3	COMB1	COMB6	COMB7	COMB7	COMB1
		Max Value	0.02	0.05	0.00	0.000	0.322	7.440
		Max Case	COMB6	COMB1	COMB7	COMB6	COMB7	COMB1
STORY6	B66	Min Value	-0.23	-0.05	0.00	-0.424	-0.278	-15.953
		Min Case	COMB7	COMB1	COMB7	COMB3	COMB7	COMB1
		Max Value	0.01	0.05	0.00	0.062	0.214	7.362
		Max Case	COMB6	COMB1	COMB6	COMB7	COMB3	COMB1
STORY6	B67	Min Value	-0.97	-0.05	0.00	-0.064	-0.035	-16.423
		Min Case	COMB3	COMB1	COMB6	COMB7	COMB7	COMB1
		Max Value	0.00	0.05	0.00	1.985	0.088	7.153
		Max Case	COMB6	COMB1	COMB7	COMB3	COMB7	COMB1
STORY3	B54	Min Value	0.00	-0.05	0.00	-0.043	-0.512	-15.557
		Min Case	COMB6	COMB1	COMB7	COMB7	COMB3	COMB1
		Max Value	2.35	0.05	0.00	0.015	0.330	7.818
		Max Case	COMB3	COMB1	COMB3	COMB6	COMB7	COMB1
STORY3	B55	Min Value	-0.12	-0.05	0.00	-0.042	-0.287	-15.436
		Min Case	COMB1	COMB1	COMB6	COMB7	COMB1	COMB1
		Max Value	1.30	0.05	0.00	0.000	0.140	7.768
		Max Case	COMB3	COMB1	COMB7	COMB6	COMB7	COMB1
STORY3	B57	Min Value	-0.04	-0.05	-0.01	-0.197	-16.120	-15.870
		Min Case	COMB6	COMB1	COMB3	COMB6	COMB3	COMB1
		Max Value	1.85	0.05	0.00	2.755	12.200	8.622
		Max Case	COMB3	COMB1	COMB6	COMB3	COMB3	COMB1
STORY3	B58	Min Value	-1.24	-0.05	0.00	-0.063	-0.536	-15.557
		Min Case	COMB7	COMB1	COMB7	COMB7	COMB7	COMB1
		Max Value	2.35	0.05	0.00	0.030	0.105	7.818
		Max Case	COMB3	COMB1	COMB6	COMB3	COMB7	COMB1
STORY3	B59	Min Value	-0.57	-0.05	0.00	-2.755	-16.120	-15.870

		Min Case	COMB7	COMB1	COMB7	COMB3	COMB3	COMB1
		Max Value	1.85	0.05	0.01	0.197	12.200	8.622
		Max Case	COMB3	COMB1	COMB3	COMB6	COMB3	COMB1
BASE	B49	Min Value	0.00	-0.05	0.00	-0.040	-0.855	-15.863
		Min Case	COMB7	COMB1	COMB7	COMB6	COMB3	COMB1
		Max Value	0.00	0.05	0.00	0.631	0.120	7.586
		Max Case	COMB7	COMB1	COMB6	COMB3	COMB7	COMB1
BASE	B50	Min Value	0.00	-0.05	0.00	0.000	-0.448	-17.010
		Min Case	COMB7	COMB1	COMB7	COMB6	COMB7	COMB1
		Max Value	0.00	0.05	0.00	0.133	3.505	6.194
		Max Case	COMB7	COMB1	COMB6	COMB7	COMB3	COMB1
BASE	B51	Min Value	0.00	-0.05	0.00	-0.123	-0.324	-15.612
		Min Case	COMB7	COMB1	COMB3	COMB7	COMB7	COMB1
		Max Value	0.00	0.05	0.00	0.034	0.640	7.711
		Max Case	COMB7	COMB1	COMB7	COMB3	COMB7	COMB1
BASE	B52	Min Value	0.00	-0.05	0.00	-0.631	-0.855	-15.863
		Min Case	COMB7	COMB1	COMB7	COMB3	COMB3	COMB1
		Max Value	0.00	0.05	0.00	0.066	0.270	7.586
		Max Case	COMB7	COMB1	COMB3	COMB7	COMB7	COMB1
BASE	B53	Min Value	0.00	-0.05	0.00	-0.075	-0.352	-15.612
		Min Case	COMB7	COMB1	COMB6	COMB7	COMB7	COMB1
		Max Value	0.00	0.05	0.00	0.003	0.242	7.711
		Max Case	COMB7	COMB1	COMB7	COMB6	COMB1	COMB1

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B R A C E F O R C E E N V E L O P E S

STORY	BRACE	ITEM	P	V2	V3	T	M2	M3
STORY7	D223	Min Value	-2.68	-0.04	0.00	-0.282	-0.119	-12.012
		Min Case	COMB3	COMB1	COMB7	COMB3	COMB7	COMB1
		Max Value	0.01	0.04	0.00	0.038	0.059	6.279
		Max Case	COMB6	COMB1	COMB1	COMB7	COMB7	COMB1
STORY7	D224	Min Value	-0.74	-0.04	0.00	-0.013	-0.184	-12.770
		Min Case	COMB3	COMB1	COMB6	COMB7	COMB7	COMB1
		Max Value	0.15	0.04	0.00	0.000	0.037	5.452
		Max Case	COMB7	COMB1	COMB7	COMB6	COMB7	COMB1
STORY7	D225	Min Value	-2.68	-0.04	0.00	-0.004	-0.061	-12.012
		Min Case	COMB3	COMB1	COMB1	COMB6	COMB7	COMB1
		Max Value	0.01	0.04	0.00	0.282	0.053	6.279
		Max Case	COMB6	COMB1	COMB7	COMB3	COMB3	COMB1
STORY7	D226	Min Value	-1.48	-0.04	0.00	-0.274	-0.445	-11.984
		Min Case	COMB3	COMB1	COMB3	COMB3	COMB3	COMB1
		Max Value	0.01	0.04	0.00	0.014	0.526	6.219
		Max Case	COMB6	COMB1	COMB6	COMB7	COMB3	COMB1
STORY7	D227	Min Value	-1.48	-0.04	0.00	-0.036	-0.526	-11.984
		Min Case	COMB3	COMB1	COMB6	COMB7	COMB3	COMB1
		Max Value	0.20	0.04	0.00	0.274	0.445	6.219
		Max Case	COMB7	COMB1	COMB3	COMB3	COMB3	COMB1
STORY6	D200	Min Value	-1.61	-0.01	0.00	-0.002	-0.407	-16.371
		Min Case	COMB3	COMB1	COMB6	COMB6	COMB3	COMB1
		Max Value	0.47	0.04	0.00	0.029	0.262	6.177
		Max Case	COMB7	COMB1	COMB3	COMB3	COMB7	COMB1
STORY6	D201	Min Value	-2.17	-0.04	0.00	-0.154	-0.744	-17.248
		Min Case	COMB3	COMB1	COMB1	COMB1	COMB1	COMB1
		Max Value	0.03	0.05	0.00	0.181	0.569	8.565
		Max Case	COMB6	COMB1	COMB7	COMB3	COMB3	COMB1
STORY6	D202	Min Value	-0.75	-0.04	0.00	-0.045	-1.564	-17.417
		Min Case	COMB3	COMB1	COMB6	COMB7	COMB3	COMB1
		Max Value	0.02	0.05	0.00	0.201	1.162	8.461
		Max Case	COMB6	COMB1	COMB3	COMB1	COMB3	COMB1
STORY6	D205	Min Value	-3.53	-0.01	0.00	-0.014	-0.382	-16.218
		Min Case	COMB3	COMB1	COMB3	COMB6	COMB6	COMB1
		Max Value	0.04	0.04	0.00	0.924	0.553	6.290
		Max Case	COMB7	COMB1	COMB6	COMB3	COMB3	COMB1
STORY6	D206	Min Value	-0.72	-0.04	0.00	-0.203	-0.499	-17.291
		Min Case	COMB3	COMB1	COMB7	COMB3	COMB1	COMB1
		Max Value	0.01	0.05	0.00	0.146	0.672	8.548
		Max Case	COMB6	COMB1	COMB1	COMB1	COMB1	COMB1
STORY6	D207	Min Value	-0.72	-0.04	0.00	-0.146	-0.672	-17.291
		Min Case	COMB3	COMB1	COMB1	COMB1	COMB1	COMB1
		Max Value	0.60	0.05	0.00	0.203	0.499	8.548
		Max Case	COMB7	COMB1	COMB6	COMB3	COMB1	COMB1
STORY6	D210	Min Value	-1.61	-0.01	0.00	-0.029	-0.216	-16.371
		Min Case	COMB3	COMB1	COMB3	COMB3	COMB6	COMB1
		Max Value	0.02	0.04	0.00	0.005	0.407	6.177
		Max Case	COMB6	COMB1	COMB6	COMB7	COMB3	COMB1
STORY6	D211	Min Value	-2.17	-0.04	0.00	-0.181	-0.569	-17.248
		Min Case	COMB3	COMB1	COMB6	COMB3	COMB3	COMB1
		Max Value	0.03	0.05	0.00	0.154	0.744	8.565
		Max Case	COMB6	COMB1	COMB1	COMB1	COMB1	COMB1
STORY6	D212	Min Value	-0.75	-0.04	0.00	-0.201	-1.162	-17.418
		Min Case	COMB3	COMB1	COMB3	COMB1	COMB3	COMB1
		Max Value	0.13	0.05	0.00	0.037	1.564	8.461
		Max Case	COMB7	COMB1	COMB6	COMB6	COMB3	COMB1
STORY6	D215	Min Value	-3.53	-0.01	0.00	-0.924	-0.553	-16.218
		Min Case	COMB3	COMB1	COMB6	COMB3	COMB3	COMB1
		Max Value	0.03	0.04	0.00	0.031	0.382	6.290
		Max Case	COMB6	COMB1	COMB3	COMB7	COMB6	COMB1
STORY6	D216	Min Value	-0.03	-0.04	0.00	-0.059	-0.805	-17.377
		Min Case	COMB1	COMB1	COMB6	COMB6	COMB3	COMB1
		Max Value	0.29	0.05	0.00	2.494	1.515	8.754
		Max Case	COMB7	COMB1	COMB3	COMB3	COMB3	COMB1
STORY6	D217	Min Value	-2.38	-0.04	0.00	-1.203	-2.337	-16.535
		Min Case	COMB3	COMB1	COMB1	COMB3	COMB3	COMB1
		Max Value	0.01	0.05	0.00	0.030	0.117	9.472
		Max Case	COMB6	COMB1	COMB3	COMB6	COMB7	COMB1
STORY6	D220	Min Value	-0.17	0.00	0.00	0.000	-0.366	-20.949
		Min Case	COMB3	COMB1	COMB6	COMB6	COMB7	COMB1
		Max Value	0.10	0.05	0.00	0.006	0.107	13.123
		Max Case	COMB7	COMB1	COMB7	COMB7	COMB7	COMB3
STORY6	D221	Min Value	-2.38	-0.04	0.00	-0.030	-0.247	-16.535
		Min Case	COMB3	COMB1	COMB3	COMB6	COMB7	COMB1
		Max Value	0.31	0.05	0.00	1.203	2.337	9.472
		Max Case	COMB7	COMB1	COMB1	COMB3	COMB3	COMB1
STORY6	D222	Min Value	-0.21	-0.04	0.00	-2.494	-1.515	-17.377
		Min Case	COMB7	COMB1	COMB3	COMB3	COMB3	COMB1

		Max Value	0.12	0.05	0.00	0.059	0.805	8.754
		Max Case	COMB3	COMB1	COMB7	COMB6	COMB3	COMB1
STORY5	D131	Min Value	-0.04	-0.02	-0.01	-1.582	-0.471	-13.641
		Min Case	COMB6	COMB3	COMB3	COMB3	COMB1	COMB1
		Max Value	0.39	0.04	0.00	0.071	7.382	18.025
		Max Case	COMB7	COMB1	COMB6	COMB6	COMB3	COMB3
STORY5	D134	Min Value	-3.77	0.00	0.00	-1.799	-0.607	-16.929
		Min Case	COMB3	COMB3	COMB6	COMB3	COMB3	COMB1
		Max Value	0.04	0.04	0.00	0.094	1.582	0.283
		Max Case	COMB6	COMB1	COMB3	COMB6	COMB1	COMB6
STORY5	D139	Min Value	-0.40	-0.02	0.00	-0.095	-7.382	-13.641
		Min Case	COMB7	COMB3	COMB6	COMB7	COMB3	COMB1
		Max Value	0.35	0.04	0.01	1.582	0.471	18.024
		Max Case	COMB3	COMB1	COMB3	COMB3	COMB1	COMB3
STORY5	D142	Min Value	-3.77	0.00	0.00	-0.094	-1.682	-16.929
		Min Case	COMB3	COMB3	COMB3	COMB6	COMB1	COMB1
		Max Value	0.56	0.04	0.00	1.799	0.607	0.283
		Max Case	COMB7	COMB1	COMB6	COMB3	COMB3	COMB6
STORY5	D150	Min Value	-3.08	0.00	0.00	-0.002	-0.261	-15.765
		Min Case	COMB3	COMB3	COMB1	COMB6	COMB1	COMB1
		Max Value	0.04	0.04	0.00	0.556	1.797	2.291
		Max Case	COMB6	COMB1	COMB6	COMB3	COMB1	COMB3
STORY5	D153	Min Value	-0.98	0.00	0.00	-0.328	-1.934	-15.920
		Min Case	COMB3	COMB3	COMB6	COMB1	COMB1	COMB1
		Max Value	0.03	0.04	0.00	0.039	0.633	1.398
		Max Case	COMB6	COMB1	COMB1	COMB7	COMB7	COMB3
STORY5	D161	Min Value	-1.30	0.00	0.00	-0.001	-0.223	-15.903
		Min Case	COMB3	COMB3	COMB1	COMB6	COMB6	COMB1
		Max Value	0.68	0.04	0.00	0.325	1.793	1.441
		Max Case	COMB7	COMB1	COMB6	COMB1	COMB1	COMB3
STORY5	D164	Min Value	-1.30	0.00	0.00	-0.325	-1.793	-15.903
		Min Case	COMB3	COMB3	COMB6	COMB1	COMB1	COMB1
		Max Value	0.01	0.04	0.00	0.018	0.273	1.441
		Max Case	COMB6	COMB1	COMB1	COMB7	COMB7	COMB3
STORY5	D169	Min Value	-0.98	0.00	0.00	-0.001	-0.160	-15.920
		Min Case	COMB3	COMB3	COMB1	COMB6	COMB6	COMB1
		Max Value	0.04	0.04	0.00	0.328	1.934	1.398
		Max Case	COMB7	COMB1	COMB6	COMB1	COMB1	COMB3
STORY5	D172	Min Value	-3.08	0.00	0.00	-0.556	-1.797	-15.765
		Min Case	COMB3	COMB3	COMB6	COMB3	COMB1	COMB1
		Max Value	0.04	0.04	0.00	0.002	0.260	2.291
		Max Case	COMB6	COMB1	COMB1	COMB6	COMB6	COMB3
STORY5	D180	Min Value	-1.05	-0.05	0.00	-0.045	-0.887	-17.008
		Min Case	COMB3	COMB1	COMB1	COMB7	COMB1	COMB1
		Max Value	0.03	0.05	0.00	0.066	0.847	8.927
		Max Case	COMB6	COMB1	COMB7	COMB3	COMB1	COMB1
STORY5	D181	Min Value	-0.94	-0.05	0.00	-0.146	-0.803	-17.087
		Min Case	COMB7	COMB1	COMB7	COMB3	COMB1	COMB1
		Max Value	0.25	0.05	0.00	0.058	0.828	8.923
		Max Case	COMB3	COMB1	COMB1	COMB7	COMB1	COMB1
STORY5	D182	Min Value	-0.82	-0.05	0.00	-0.203	-2.373	-17.067
		Min Case	COMB7	COMB1	COMB3	COMB3	COMB3	COMB1
		Max Value	0.59	0.05	0.00	0.006	1.440	9.023
		Max Case	COMB3	COMB1	COMB7	COMB6	COMB3	COMB1
STORY5	D183	Min Value	-0.58	-0.05	0.00	-1.541	-6.082	-18.132
		Min Case	COMB7	COMB1	COMB6	COMB3	COMB3	COMB1
		Max Value	0.14	0.05	0.00	0.062	2.459	8.480
		Max Case	COMB3	COMB1	COMB3	COMB7	COMB3	COMB1
STORY5	D184	Min Value	-0.67	-0.04	-0.01	-0.625	-14.100	-20.983
		Min Case	COMB3	COMB1	COMB3	COMB1	COMB3	COMB1
		Max Value	0.01	0.05	0.00	1.512	13.057	28.304
		Max Case	COMB6	COMB1	COMB6	COMB3	COMB3	COMB3
STORY5	D185	Min Value	-0.67	-0.04	0.00	-1.512	-13.057	-20.983
		Min Case	COMB3	COMB1	COMB7	COMB3	COMB3	COMB1
		Max Value	0.42	0.05	0.01	0.625	14.100	28.304
		Max Case	COMB7	COMB1	COMB3	COMB1	COMB3	COMB3
STORY5	D186	Min Value	-0.02	-0.05	0.00	-0.056	-2.459	-18.132
		Min Case	COMB6	COMB1	COMB3	COMB6	COMB3	COMB1
		Max Value	0.40	0.05	0.00	1.541	6.082	8.480
		Max Case	COMB7	COMB1	COMB6	COMB3	COMB3	COMB1
STORY5	D187	Min Value	-0.01	-0.05	0.00	-0.006	-1.440	-17.067
		Min Case	COMB6	COMB1	COMB6	COMB1	COMB1	COMB1
		Max Value	0.69	0.05	0.00	0.203	2.373	9.023
		Max Case	COMB7	COMB1	COMB3	COMB3	COMB3	COMB1
STORY5	D188	Min Value	-0.01	-0.05	0.00	-0.013	-0.828	-17.087
		Min Case	COMB6	COMB1	COMB1	COMB6	COMB1	COMB1
		Max Value	0.79	0.05	0.00	0.146	0.803	8.923
		Max Case	COMB7	COMB1	COMB6	COMB3	COMB1	COMB1
STORY5	D189	Min Value	-1.05	-0.05	0.00	-0.066	-0.847	-17.008
		Min Case	COMB3	COMB1	COMB6	COMB3	COMB1	COMB1
		Max Value	0.03	0.05	0.00	0.032	0.887	8.927
		Max Case	COMB6	COMB1	COMB1	COMB6	COMB1	COMB1
STORY5	D199	Min Value	-1.61	-0.04	0.00	-0.002	-0.255	-9.481
		Min Case	COMB3	COMB1	COMB6	COMB6	COMB6	COMB1
		Max Value	0.47	0.00	0.00	0.029	0.403	6.177
		Max Case	COMB7	COMB3	COMB6	COMB3	COMB3	COMB1
STORY5	D204	Min Value	-3.53	-0.04	0.00	-0.014	-0.641	-9.386
		Min Case	COMB3	COMB1	COMB6	COMB6	COMB3	COMB1
		Max Value	0.04	0.00	0.00	0.924	0.428	6.290
		Max Case	COMB7	COMB3	COMB6	COMB3	COMB6	COMB1
STORY5	D209	Min Value	-1.61	-0.04	0.00	-0.029	-0.403	-9.481
		Min Case	COMB3	COMB1	COMB6	COMB3	COMB3	COMB1
		Max Value	0.02	0.00	0.00	0.005	0.255	6.177
		Max Case	COMB6	COMB3	COMB6	COMB7	COMB6	COMB1
STORY5	D214	Min Value	-3.53	-0.04	0.00	-0.924	-0.428	-9.386
		Min Case	COMB3	COMB1	COMB6	COMB3	COMB6	COMB1
		Max Value	0.03	0.00	0.00	0.031	0.641	6.290
		Max Case	COMB6	COMB3	COMB6	COMB7	COMB3	COMB1
STORY5	D219	Min Value	-0.17	-0.03	0.00	0.000	0.000	-0.623
		Min Case	COMB3	COMB1	COMB6	COMB6	COMB6	COMB1
		Max Value	0.10	0.02	0.00	0.006	0.328	28.517
		Max Case	COMB7	COMB3	COMB7	COMB7	COMB7	COMB3
STORY4	D128	Min Value	-1.67	-0.05	0.00	-0.590	-23.000	-48.245
		Min Case	COMB3	COMB3	COMB1	COMB3	COMB3	COMB3
		Max Value	0.00	0.03	0.02	0.453	22.383	53.707
		Max Case	COMB6	COMB1	COMB3	COMB1	COMB3	COMB3
STORY4	D130	Min Value	-0.04	-0.03	-0.01	-1.582	-8.527	-13.870

STORY3	D15	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 97 COMB7 2. 55 COMB3	-0. 04 COMB1 0. 04 COMB1	0. 00 COMB3 0. 00 COMB1	-0. 359 COMB1 0. 017 COMB6	-0. 865 COMB1 0. 403 COMB1	-12. 020 COMB1 5. 861 COMB1
STORY3	D16	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 08 COMB6 4. 82 COMB3	-0. 04 COMB1 0. 04 COMB1	0. 00 COMB1 0. 00 COMB3	-0. 096 COMB6 0. 359 COMB3	-4. 052 COMB3 0. 607 COMB1	-11. 990 COMB1 5. 837 COMB1
STORY3	D17	Mi n Val ue Mi n Case Max Val ue Max Case	-1. 01 COMB7 3. 48 COMB3	-0. 04 COMB1 0. 04 COMB1	0. 00 COMB1 0. 00 COMB3	-0. 121 COMB7 0. 485 COMB3	-0. 510 COMB7 0. 878 COMB1	-12. 059 COMB1 5. 811 COMB1
STORY3	D18	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 49 COMB7 4. 82 COMB3	-0. 04 COMB1 0. 04 COMB1	0. 00 COMB3 0. 00 COMB1	-0. 359 COMB3 0. 202 COMB7	-0. 607 COMB1 4. 052 COMB3	-11. 990 COMB1 5. 837 COMB1
STORY3	D22	Mi n Val ue Mi n Case Max Val ue Max Case	-1. 14 COMB7 2. 37 COMB3	0. 00 COMB6 0. 04 COMB1	-0. 02 COMB3 0. 01 COMB6	-0. 935 COMB1 3. 229 COMB3	-1. 631 COMB6 30. 691 COMB3	-18. 282 COMB1 0. 507 COMB6
STORY3	D26	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 09 COMB1 2. 37 COMB3	0. 00 COMB6 0. 04 COMB1	-0. 01 COMB6 0. 02 COMB3	-3. 229 COMB3 0. 935 COMB1	-30. 691 COMB3 1. 631 COMB6	-18. 282 COMB1 0. 507 COMB6
STORY3	D29	Mi n Val ue Mi n Case Max Val ue Max Case	-3. 43 COMB3 1. 12 COMB7	0. 00 COMB6 0. 04 COMB1	-0. 01 COMB6 0. 01 COMB3	-2. 920 COMB3 1. 180 COMB6	-22. 593 COMB3 1. 508 COMB6	-22. 758 COMB3 1. 085 COMB6
STORY3	D32	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 98 COMB7 3. 42 COMB3	0. 00 COMB3 0. 03 COMB1	-0. 01 COMB1 0. 00 COMB6	-0. 260 COMB1 2. 378 COMB3	-0. 601 COMB6 6. 623 COMB3	-13. 912 COMB1 0. 263 COMB6
STORY3	D36	Mi n Val ue Mi n Case Max Val ue Max Case	-6. 65 COMB3 0. 63 COMB7	0. 00 COMB6 0. 03 COMB1	0. 00 COMB6 0. 01 COMB1	-2. 566 COMB3 0. 161 COMB1	-4. 893 COMB1 0. 391 COMB6	-13. 425 COMB1 0. 799 COMB7
STORY3	D46	Mi n Val ue Mi n Case Max Val ue Max Case	-4. 10 COMB3 0. 06 COMB6	0. 00 COMB6 0. 03 COMB1	-0. 01 COMB1 0. 00 COMB7	-0. 381 COMB1 0. 587 COMB3	-0. 940 COMB7 4. 770 COMB1	-13. 408 COMB1 0. 599 COMB7
STORY3	D49	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 33 COMB7 1. 28 COMB3	0. 00 COMB3 0. 03 COMB1	0. 00 COMB7 0. 01 COMB1	-0. 806 COMB3 0. 462 COMB1	-5. 397 COMB1 0. 567 COMB7	-13. 842 COMB1 0. 070 COMB6
STORY3	D52	Mi n Val ue Mi n Case Max Val ue Max Case	-1. 28 COMB3 0. 60 COMB7	0. 00 COMB6 0. 03 COMB1	-0. 01 COMB1 0. 00 COMB6	-0. 512 COMB1 0. 475 COMB3	-0. 131 COMB6 5. 223 COMB1	-13. 907 COMB1 0. 078 COMB7
STORY3	D56	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 97 COMB3 0. 04 COMB6	0. 00 COMB3 0. 03 COMB1	0. 00 COMB7 0. 01 COMB1	-0. 491 COMB3 0. 396 COMB1	-4. 630 COMB1 0. 647 COMB7	-13. 112 COMB1 0. 094 COMB6
STORY3	D66	Mi n Val ue Mi n Case Max Val ue Max Case	-1. 28 COMB3 0. 68 COMB7	0. 00 COMB7 0. 03 COMB1	-0. 01 COMB1 0. 00 COMB6	-0. 412 COMB1 0. 389 COMB3	-0. 138 COMB6 4. 543 COMB1	-13. 245 COMB1 0. 508 COMB7
STORY3	D69	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 84 COMB7 0. 15 COMB1	0. 00 COMB6 0. 03 COMB1	0. 00 COMB6 0. 01 COMB1	-0. 388 COMB3 0. 525 COMB1	-5. 221 COMB1 0. 181 COMB7	-13. 869 COMB1 0. 078 COMB6
STORY3	D72	Mi n Val ue Mi n Case Max Val ue Max Case	0. 00 COMB3 0. 84 COMB7	0. 00 COMB6 0. 03 COMB1	-0. 01 COMB1 0. 00 COMB6	-0. 524 COMB1 0. 388 COMB3	-0. 170 COMB6 5. 221 COMB1	-13. 869 COMB1 0. 165 COMB7
STORY3	D76	Mi n Val ue Mi n Case Max Val ue Max Case	-1. 28 COMB3 0. 03 COMB6	0. 00 COMB6 0. 03 COMB1	0. 00 COMB6 0. 01 COMB1	-0. 389 COMB3 0. 412 COMB1	-4. 543 COMB1 0. 138 COMB6	-13. 245 COMB1 0. 058 COMB6
STORY3	D86	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 97 COMB3 0. 34 COMB7	0. 00 COMB3 0. 03 COMB1	-0. 01 COMB1 0. 00 COMB6	-0. 396 COMB1 0. 491 COMB3	-0. 039 COMB6 4. 630 COMB1	-13. 112 COMB1 0. 232 COMB7
STORY3	D89	Mi n Val ue Mi n Case Max Val ue Max Case	-1. 28 COMB3 0. 05 COMB6	0. 00 COMB6 0. 03 COMB1	0. 00 COMB6 0. 01 COMB1	-0. 475 COMB3 0. 512 COMB1	-5. 223 COMB1 0. 132 COMB6	-13. 907 COMB1 0. 048 COMB6
STORY3	D92	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 05 COMB6 1. 28 COMB3	0. 00 COMB3 0. 03 COMB1	-0. 01 COMB1 0. 00 COMB6	-0. 462 COMB1 0. 806 COMB3	-0. 088 COMB6 5. 397 COMB1	-13. 842 COMB1 0. 070 COMB6
STORY3	D96	Mi n Val ue Mi n Case Max Val ue Max Case	-4. 10 COMB3 0. 06 COMB6	0. 00 COMB6 0. 03 COMB1	0. 00 COMB6 0. 01 COMB1	-0. 587 COMB3 0. 381 COMB1	-4. 770 COMB1 0. 040 COMB6	-13. 408 COMB1 0. 110 COMB6
STORY3	D106	Mi n Val ue Mi n Case Max Val ue Max Case	-6. 65 COMB3 0. 08 COMB6	0. 00 COMB6 0. 03 COMB1	-0. 01 COMB1 0. 00 COMB6	-0. 161 COMB1 2. 566 COMB3	-0. 391 COMB6 4. 893 COMB1	-13. 425 COMB1 0. 175 COMB6
STORY3	D109	Mi n Val ue Mi n Case Max Val ue Max Case	-3. 43 COMB3 0. 04 COMB6	0. 00 COMB6 0. 04 COMB1	-0. 01 COMB1 0. 01 COMB6	-0. 180 COMB3 2. 920 COMB3	-1. 508 COMB6 22. 593 COMB3	-22. 758 COMB3 1. 085 COMB6
STORY3	D112	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 05 COMB6 3. 42 COMB3	0. 00 COMB3 0. 03 COMB1	0. 00 COMB6 0. 01 COMB1	-2. 378 COMB3 0. 260 COMB1	-6. 623 COMB3 0. 601 COMB6	-13. 912 COMB1 0. 263 COMB6
STORY3	D145	Mi n Val ue Mi n Case Max Val ue Max Case	-5. 18 COMB3 0. 19 COMB7	-0. 02 COMB1 0. 00 COMB6	0. 00 COMB6 0. 00 COMB3	-0. 157 COMB3 0. 005 COMB6	-0. 055 COMB6 0. 730 COMB3	-7. 771 COMB3 1. 056 COMB1
STORY3	D156	Mi n Val ue Mi n Case Max Val ue Max Case	-2. 43 COMB3 0. 30 COMB7	-0. 02 COMB1 0. 00 COMB6	0. 00 COMB7 0. 00 COMB3	-0. 039 COMB3 0. 083 COMB7	-0. 368 COMB7 0. 591 COMB3	-4. 756 COMB1 1. 510 COMB1
STORY3	D175	Mi n Val ue Mi n Case Max Val ue Max Case	-5. 18 COMB3 0. 05 COMB6	-0. 02 COMB1 0. 00 COMB6	0. 00 COMB3 0. 00 COMB6	-0. 031 COMB7 0. 157 COMB3	-0. 730 COMB3 0. 139 COMB7	-7. 771 COMB3 1. 056 COMB1

		Max Case	COMB6	COMB1	COMB6	COMB3	COMB3	COMB1
STORY2	D108	Min Value	-3.43	-0.02	-0.01	-0.180	-8.751	-16.237
		Min Case	COMB3	COMB1	COMB3	COMB6	COMB1	COMB3
		Max Value	0.05	0.02	0.00	2.920	16.237	8.772
		Max Case	COMB6	COMB1	COMB6	COMB3	COMB3	COMB3
STORY2	D111	Min Value	-0.05	-0.03	0.00	-2.378	-5.915	-6.011
		Min Case	COMB6	COMB1	COMB6	COMB3	COMB3	COMB3
		Max Value	3.42	0.02	0.01	0.260	7.866	6.375
		Max Case	COMB3	COMB1	COMB1	COMB1	COMB1	COMB1
STORY1	D1	Min Value	-0.63	-0.05	0.00	-0.250	-1.478	-16.496
		Min Case	COMB3	COMB1	COMB3	COMB7	COMB3	COMB1
		Max Value	0.02	0.05	0.00	0.623	1.074	9.437
		Max Case	COMB6	COMB1	COMB7	COMB3	COMB3	COMB1
STORY1	D2	Min Value	-1.65	-0.05	0.00	-0.162	-1.590	-16.808
		Min Case	COMB3	COMB1	COMB3	COMB6	COMB3	COMB1
		Max Value	0.34	0.05	0.00	3.280	5.412	9.285
		Max Case	COMB7	COMB1	COMB6	COMB3	COMB3	COMB1
STORY1	D3	Min Value	-0.76	-0.05	0.00	-0.046	-0.250	-16.151
		Min Case	COMB7	COMB1	COMB6	COMB6	COMB6	COMB1
		Max Value	1.78	0.05	0.00	1.067	4.494	9.962
		Max Case	COMB3	COMB1	COMB3	COMB3	COMB3	COMB1
STORY1	D4	Min Value	-0.17	-0.05	0.00	-0.101	-0.611	-16.219
		Min Case	COMB1	COMB1	COMB1	COMB7	COMB1	COMB1
		Max Value	0.42	0.05	0.00	0.356	0.426	9.482
		Max Case	COMB7	COMB1	COMB7	COMB1	COMB1	COMB1
STORY1	D5	Min Value	-0.76	-0.05	0.00	-0.298	-0.404	-16.222
		Min Case	COMB7	COMB1	COMB7	COMB1	COMB7	COMB1
		Max Value	0.64	0.05	0.00	0.335	0.621	9.481
		Max Case	COMB3	COMB1	COMB1	COMB3	COMB7	COMB1
STORY1	D6	Min Value	-0.03	-0.05	0.00	-1.067	-4.494	-16.151
		Min Case	COMB6	COMB1	COMB3	COMB3	COMB3	COMB1
		Max Value	1.78	0.05	0.00	1.067	4.494	9.962
		Max Case	COMB3	COMB1	COMB6	COMB7	COMB6	COMB1
STORY1	D7	Min Value	-1.65	-0.05	0.00	-3.280	-5.412	-16.809
		Min Case	COMB3	COMB1	COMB7	COMB3	COMB3	COMB1
		Max Value	0.02	0.05	0.00	0.163	1.590	9.285
		Max Case	COMB6	COMB1	COMB3	COMB7	COMB3	COMB1
STORY1	D8	Min Value	-0.63	-0.05	0.00	-0.623	-1.074	-16.496
		Min Case	COMB3	COMB1	COMB6	COMB3	COMB3	COMB1
		Max Value	0.09	0.05	0.00	0.025	1.478	9.437
		Max Case	COMB7	COMB1	COMB3	COMB6	COMB3	COMB1
STORY1	D9	Min Value	-0.07	-0.05	0.00	-0.335	-0.563	-16.222
		Min Case	COMB1	COMB1	COMB1	COMB3	COMB1	COMB1
		Max Value	0.64	0.05	0.00	0.298	0.361	9.481
		Max Case	COMB3	COMB1	COMB3	COMB1	COMB1	COMB1
STORY1	D10	Min Value	-0.42	-0.05	0.00	-0.356	-0.426	-16.220
		Min Case	COMB7	COMB1	COMB6	COMB1	COMB1	COMB1
		Max Value	0.00	0.05	0.00	0.013	0.611	9.482
		Max Case	COMB3	COMB1	COMB1	COMB6	COMB1	COMB1
STORY1	D20	Min Value	-1.14	-0.01	-0.02	-0.935	-9.905	-3.259
		Min Case	COMB7	COMB1	COMB3	COMB1	COMB3	COMB3
		Max Value	2.37	0.00	0.00	3.229	0.767	3.856
		Max Case	COMB3	COMB3	COMB6	COMB3	COMB7	COMB1
STORY1	D24	Min Value	-0.16	-0.01	0.00	-3.229	-0.461	-3.259
		Min Case	COMB1	COMB1	COMB6	COMB3	COMB6	COMB3
		Max Value	2.37	0.00	0.02	0.935	9.906	3.856
		Max Case	COMB3	COMB3	COMB3	COMB1	COMB3	COMB1
STORY1	D34	Min Value	-6.65	-0.02	0.00	-2.566	-0.180	-1.759
		Min Case	COMB3	COMB1	COMB6	COMB3	COMB6	COMB1
		Max Value	0.63	0.00	0.01	0.161	6.511	0.018
		Max Case	COMB7	COMB6	COMB1	COMB1	COMB1	COMB6
STORY1	D38	Min Value	-2.71	-0.02	-0.01	-0.949	-7.522	-3.651
		Min Case	COMB3	COMB1	COMB1	COMB1	COMB1	COMB3
		Max Value	0.06	0.00	0.00	0.585	0.472	0.223
		Max Case	COMB6	COMB7	COMB7	COMB3	COMB7	COMB7
STORY1	D41	Min Value	-0.53	-0.02	0.00	-0.821	-0.297	-2.841
		Min Case	COMB3	COMB1	COMB7	COMB3	COMB7	COMB1
		Max Value	0.20	0.00	0.01	0.882	7.728	0.034
		Max Case	COMB7	COMB6	COMB1	COMB1	COMB1	COMB6
STORY1	D44	Min Value	-4.10	-0.02	-0.01	-0.381	-6.132	-1.812
		Min Case	COMB3	COMB1	COMB1	COMB1	COMB1	COMB1
		Max Value	0.06	0.00	0.00	0.587	0.365	0.102
		Max Case	COMB6	COMB3	COMB7	COMB3	COMB7	COMB7
STORY1	D54	Min Value	-0.97	-0.02	0.00	-0.491	-0.500	-1.836
		Min Case	COMB3	COMB1	COMB7	COMB3	COMB7	COMB1
		Max Value	0.04	0.00	0.01	0.396	6.287	0.438
		Max Case	COMB6	COMB7	COMB1	COMB1	COMB1	COMB7
STORY1	D58	Min Value	-1.73	-0.02	-0.01	-0.957	-7.336	-2.691
		Min Case	COMB3	COMB1	COMB1	COMB1	COMB1	COMB1
		Max Value	0.85	0.00	0.00	0.341	0.010	0.023
		Max Case	COMB7	COMB6	COMB7	COMB3	COMB6	COMB6
STORY1	D61	Min Value	-0.96	-0.02	0.00	-0.371	-0.285	-2.712
		Min Case	COMB7	COMB1	COMB7	COMB3	COMB7	COMB1
		Max Value	0.21	0.00	0.01	0.952	7.357	0.295
		Max Case	COMB3	COMB7	COMB1	COMB1	COMB1	COMB7
STORY1	D64	Min Value	-1.28	-0.02	-0.01	-0.412	-6.157	-1.721
		Min Case	COMB3	COMB1	COMB1	COMB1	COMB1	COMB1
		Max Value	0.68	0.00	0.00	0.389	0.058	0.014
		Max Case	COMB7	COMB3	COMB6	COMB3	COMB6	COMB6
STORY1	D74	Min Value	-1.28	-0.02	0.00	-0.389	-0.259	-1.721
		Min Case	COMB3	COMB1	COMB7	COMB3	COMB7	COMB1
		Max Value	0.03	0.00	0.01	0.412	6.157	0.262
		Max Case	COMB6	COMB7	COMB1	COMB1	COMB1	COMB7
STORY1	D78	Min Value	-0.20	-0.02	-0.01	-0.952	-7.357	-2.712
		Min Case	COMB1	COMB1	COMB1	COMB1	COMB1	COMB1
		Max Value	0.76	0.00	0.00	0.371	0.002	0.033
		Max Case	COMB7	COMB6	COMB6	COMB3	COMB6	COMB6
STORY1	D81	Min Value	-1.73	-0.02	0.00	-0.341	-0.010	-2.692
		Min Case	COMB3	COMB1	COMB6	COMB3	COMB6	COMB1
		Max Value	0.03	0.00	0.01	0.957	7.336	0.120
		Max Case	COMB6	COMB7	COMB1	COMB1	COMB1	COMB7
STORY1	D84	Min Value	-0.97	-0.02	-0.01	-0.396	-6.287	-1.836
		Min Case	COMB3	COMB1	COMB1	COMB1	COMB1	COMB1
		Max Value	0.34	0.00	0.00	0.491	0.011	0.042
		Max Case	COMB7	COMB6	COMB6	COMB3	COMB6	COMB6
STORY1	D94	Min Value	-4.10	-0.02	0.00	-0.587	-0.128	-1.812
		Min Case	COMB3	COMB1	COMB6	COMB3	COMB3	COMB1

		Max Value	0.06	0.00	0.01	0.381	6.133	0.029
		Max Case	COMB6	COMB3	COMB1	COMB1	COMB1	COMB6
STORY1	D98	Min Value	-0.53	-0.02	-0.01	-0.882	-7.728	-2.841
		Min Case	COMB3	COMB1	COMB1	COMB1	COMB1	COMB1
		Max Value	0.03	0.00	0.00	0.821	0.028	0.034
		Max Case	COMB6	COMB7	COMB6	COMB3	COMB6	COMB6
STORY1	D101	Min Value	-2.71	-0.02	0.00	-0.585	-0.091	-3.651
		Min Case	COMB3	COMB1	COMB6	COMB3	COMB6	COMB3
		Max Value	0.55	0.00	0.01	0.949	7.522	0.143
		Max Case	COMB7	COMB6	COMB1	COMB1	COMB1	COMB6
STORY1	D104	Min Value	-6.65	-0.02	-0.01	-0.161	-6.511	-1.759
		Min Case	COMB3	COMB1	COMB1	COMB1	COMB1	COMB1
		Max Value	0.08	0.00	0.00	2.566	0.180	0.152
		Max Case	COMB6	COMB7	COMB6	COMB3	COMB6	COMB7



LOADING COMBINATIONS

COMBO	COMBO TYPE	CASE	CASE TYPE	SCALE FACTOR
COMB1	ENVE	DEAD	Static	1.4000
COMB2	ENVE	DEAD	Static	1.2000
		LIVE	Static	0.5000
COMB3	ENVE	DEAD	Static	1.2000
		WIND	Static	0.8000
		LIVE	Static	1.6000
COMB4	ENVE	DEAD	Static	1.2000
		WIND	Static	1.3000
		LIVE	Static	0.5000
COMB5	ENVE	DEAD	Static	1.2000
		SPECX	Spectra	1.0000
COMB6	ENVE	DEAD	Static	1.2000
		SPECY	Spectra	1.0000
COMB7	ENVE	DEAD	Static	0.9000
		WIND	Static	1.3000

POINT DISPLACEMENT ENVELOPES

STORY	POINT	ITEM	UX	UY	UZ	RX	RY	RZ
STORY7	2	Min Value	-0.0010	-0.0141	-0.4091	0.0000	-0.0011	0.0000
		Min Case	COMB5	COMB3	COMB3	COMB1	EX	EX
		Max Value	0.4020	0.3778	0.0097	0.0010	0.0000	0.0001
		Max Case	EX	EY	EY	EY	COMB5	EY
STORY7	241	Min Value	-0.0010	-0.0141	0.0000	0.0000	0.0000	0.0000
		Min Case	COMB5	COMB3	COMB7	COMB7	COMB7	EX
		Max Value	0.4020	0.3778	0.0000	0.0000	0.0000	0.0001
		Max Case	EX	EY	COMB7	COMB7	COMB7	EY
STORY6	41	Min Value	-0.0011	-0.0117	-0.2287	-0.0007	-0.0006	0.0000
		Min Case	COMB5	COMB3	COMB3	COMB3	EX	EX
		Max Value	0.4124	0.3871	0.0000	0.0001	0.0001	0.0001
		Max Case	EX	EY	COMB5	EY	COMB5	EY
STORY6	42	Min Value	-0.0011	-0.0117	-0.1917	-0.0002	-0.0003	0.0000
		Min Case	COMB5	COMB3	COMB3	COMB3	EX	EX
		Max Value	0.4133	0.3787	0.0003	0.0005	0.0009	0.0001
		Max Case	EX	EY	COMB5	EY	COMB3	EY
STORY6	43	Min Value	-0.0058	-0.0117	-0.1935	-0.0002	-0.0005	0.0000
		Min Case	EY	COMB3	COMB3	EX	COMB3	EX
		Max Value	0.4148	0.3923	0.1254	0.0007	0.0002	0.0001
		Max Case	EX	EY	EY	COMB3	EY	EY
STORY6	44	Min Value	-0.0058	-0.0117	-0.1935	0.0000	-0.0005	0.0000
		Min Case	EY	COMB3	COMB5	COMB5	EX	EX
		Max Value	0.4148	0.3819	0.1253	0.0007	0.0005	0.0001
		Max Case	EX	EY	EY	COMB3	COMB3	EY
STORY6	45	Min Value	-0.0011	-0.0117	-0.1917	-0.0002	-0.0009	0.0000
		Min Case	COMB5	COMB3	COMB3	COMB3	COMB3	EX
		Max Value	0.4133	0.3955	0.1451	0.0005	0.0000	0.0001
		Max Case	EX	EY	EX	EY	COMB5	EY
STORY6	242	Min Value	-0.0011	-0.0117	0.0000	0.0000	0.0000	0.0000
		Min Case	COMB5	COMB3	COMB7	COMB7	COMB7	EX
		Max Value	0.4137	0.3871	0.0000	0.0000	0.0000	0.0001
		Max Case	EX	EY	COMB7	COMB7	COMB7	EY
STORY5	36	Min Value	-0.0011	-0.0087	-0.1274	-0.0008	-0.0008	0.0000
		Min Case	COMB5	COMB3	COMB1	COMB1	COMB1	COMB5
		Max Value	0.3766	0.3506	0.0571	0.0003	0.0001	0.0000
		Max Case	EX	EY	EX	EX	EX	EY
STORY5	37	Min Value	-0.0019	-0.0087	-0.1138	-0.0002	-0.0010	0.0000
		Min Case	EY	COMB3	COMB3	EX	COMB1	COMB5
		Max Value	0.3742	0.3545	0.0883	0.0003	0.0006	0.0000
		Max Case	EX	EY	EX	COMB1	EX	EY
STORY5	38	Min Value	-0.0094	-0.0087	-0.1143	-0.0007	-0.0001	0.0000
		Min Case	EY	COMB3	COMB3	EY	EX	COMB5
		Max Value	0.3727	0.3442	0.0888	0.0011	0.0000	0.0000
		Max Case	EX	EY	EY	COMB1	COMB5	EY
STORY5	95	Min Value	-0.0019	-0.0087	-0.1138	0.0000	-0.0002	0.0000
		Min Case	EY	COMB3	COMB3	COMB5	EY	COMB5
		Max Value	0.3742	0.3339	0.0284	0.0003	0.0010	0.0000
		Max Case	EX	EY	EY	COMB1	COMB1	EY
STORY5	40	Min Value	-0.0011	-0.0087	-0.1274	-0.0008	0.0000	0.0000
		Min Case	COMB5	COMB3	COMB3	COMB5	COMB5	COMB5
		Max Value	0.3766	0.3379	0.0001	0.0002	0.0008	0.0000
		Max Case	EX	EY	COMB5	COMB5	COMB1	EY
STORY5	112	Min Value	-0.0101	-0.0491	-0.1250	-0.0005	-0.0002	0.0000
		Min Case	EY	COMB1	COMB1	EY	EY	COMB5
		Max Value	0.3747	0.3417	0.1018	0.0011	0.0008	0.0004
		Max Case	EX	EY	EY	COMB1	COMB1	EX
STORY5	113	Min Value	-0.0069	-0.0096	-0.1249	-0.0004	0.0000	-0.0001
		Min Case	COMB3	COMB3	COMB1	COMB1	COMB5	EX
		Max Value	0.3802	0.3340	0.0023	0.0000	0.0013	0.0004
		Max Case	EX	EY	COMB5	COMB5	COMB1	EY
STORY5	114	Min Value	-0.0340	-0.0491	-0.1250	-0.0006	-0.0008	-0.0003
		Min Case	COMB1	COMB1	COMB1	EY	COMB1	EY
		Max Value	0.3747	0.3537	0.1021	0.0011	0.0004	0.0004
		Max Case	EX	EY	EY	COMB1	EX	EX
STORY5	115	Min Value	-0.0550	-0.0096	-0.1249	-0.0004	-0.0013	-0.0004
		Min Case	COMB1	COMB3	COMB1	COMB1	COMB1	EY
		Max Value	0.3802	0.3535	0.1216	0.0001	0.0006	0.0000
		Max Case	EX	EY	EX	EX	EX	COMB1
STORY5	116	Min Value	-0.0199	-0.0140	-0.1782	-0.0014	-0.0002	-0.0005
		Min Case	COMB5	COMB3	COMB1	COMB1	COMB5	EX
		Max Value	0.3716	0.3487	0.0000	0.0000	0.0002	0.0001
		Max Case	EX	EY	COMB5	COMB7	COMB5	COMB5
STORY5	243	Min Value	-0.0010	-0.0087	0.0000	0.0000	0.0000	0.0000
		Min Case	COMB5	COMB3	COMB7	COMB7	COMB7	COMB5
		Max Value	0.3749	0.3442	0.0000	0.0000	0.0000	0.0000
		Max Case	EX	EY	COMB7	COMB7	COMB7	EY
STORY4	94	Min Value	-0.0010	-0.0061	-0.0933	-0.0004	-0.0011	0.0000
		Min Case	COMB5	COMB3	COMB3	COMB1	COMB1	COMB5
		Max Value	0.3522	0.3280	0.0897	0.0002	0.0006	0.0000
		Max Case	EX	EY	EX	EX	EX	EY

STORY4	32	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0071 EY 0. 3481 EX	-0. 0061 COMB3 0. 3242 EY	-0. 0916 COMB3 0. 0718 EY	-0. 00006 EY 0. 00010 COMB1	-0. 00007 COMB1 0. 00004 EX	0. 00000 COMB5 0. 00000 EY
STORY4	33	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0071 EY 0. 3481 EX	-0. 0061 COMB3 0. 3117 EY	-0. 0916 COMB3 0. 0714 EY	-0. 00006 EY 0. 00010 COMB1	-0. 00003 EY 0. 00007 COMB1	0. 00000 COMB5 0. 00000 EY
STORY4	34	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0010 COMB5 0. 3522 EX	-0. 0061 COMB3 0. 3079 EY	-0. 0933 COMB3 0. 0000 COMB5	-0. 00004 COMB1 0. 00000 COMB5	0. 00000 COMB5 0. 00011 COMB1	0. 00000 COMB5 0. 00000 EY
STORY4	35	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0011 COMB5 0. 3547 EX	-0. 0061 COMB3 0. 3180 EY	-0. 1686 COMB3 0. 0000 EX	-0. 00027 COMB1 0. 00000 COMB5	-0. 00002 COMB5 0. 00002 COMB5	0. 00000 COMB5 0. 00000 EY
STORY4	96	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0016 COMB5 0. 3610 EX	-0. 0071 COMB3 0. 3222 EY	-0. 1146 COMB3 0. 0382 EX	-0. 00006 EY 0. 00015 COMB1	-0. 00006 COMB1 0. 00005 EX	-0. 00002 EX 0. 00000 COMB5
STORY4	97	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0260 COMB1 0. 3561 EX	-0. 0102 COMB3 0. 3270 EY	-0. 1082 COMB3 0. 0570 EX	-0. 00008 EY 0. 00002 EX	-0. 00003 COMB3 0. 00015 COMB1	-0. 00002 EX 0. 00002 COMB1
STORY4	98	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0237 COMB1 0. 3610 EX	-0. 0071 COMB3 0. 3112 EY	-0. 1146 COMB3 0. 0063 COMB5	-0. 00006 EY 0. 00015 COMB1	0. 00000 COMB5 0. 00006 COMB1	-0. 00002 EX 0. 00001 COMB3
STORY4	99	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0022 COMB3 0. 3561 EX	-0. 0102 COMB3 0. 3132 EY	-0. 1082 COMB3 0. 0030 COMB5	-0. 00007 EY 0. 00001 COMB5	-0. 00015 COMB1 0. 00004 EX	-0. 00002 COMB1 0. 00002 EY
STORY4	101	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0021 COMB3 0. 3485 EX	-0. 0044 COMB3 0. 3150 EY	-0. 0979 COMB3 0. 0118 EY	-0. 00004 EY 0. 00009 COMB1	-0. 00012 COMB1 0. 00006 EX	0. 00000 COMB5 0. 00004 EY
STORY4	102	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0038 COMB3 0. 3501 EX	-0. 0317 COMB1 0. 3135 EY	-0. 0982 COMB3 0. 0332 EY	-0. 00015 COMB1 0. 00002 COMB3	-0. 00005 COMB1 0. 00008 EX	-0. 00003 COMB1 0. 00003 EY
STORY4	104	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0088 EY 0. 3539 EX	-0. 0140 COMB1 0. 3151 EY	-0. 0978 COMB3 0. 0702 EY	-0. 00009 COMB1 0. 00003 COMB3	-0. 00013 COMB1 0. 00003 EX	0. 00000 COMB5 0. 00004 EX
STORY4	105	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0273 COMB1 0. 3539 EX	-0. 0140 COMB3 0. 3168 EY	-0. 0978 COMB3 0. 0701 EY	-0. 00009 COMB1 0. 00003 COMB3	-0. 00001 COMB3 0. 00013 COMB1	-0. 00003 COMB3 0. 00004 EX
STORY4	106	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0081 EY 0. 3501 EX	-0. 0317 COMB1 0. 3331 EY	-0. 0982 COMB3 0. 0689 EX	-0. 00015 COMB1 0. 00002 COMB3	-0. 00002 COMB3 0. 00008 EX	-0. 00003 EY 0. 00003 COMB1
STORY4	107	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0198 COMB1 0. 3485 EX	-0. 0044 COMB3 0. 3357 EY	-0. 0979 COMB3 0. 0766 EX	-0. 00004 EY 0. 00009 COMB1	-0. 00003 COMB3 0. 00012 COMB1	-0. 00003 EY 0. 00001 EX
STORY4	244	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0010 COMB5 0. 3509 EX	-0. 0061 COMB3 0. 3180 EY	0. 0000 COMB7 0. 0000 EY	0. 00000 COMB7 0. 00000 COMB7	0. 00000 COMB7 0. 00000 COMB7	0. 00000 COMB5 0. 00000 EY
STORY3	21	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0061 EY 0. 2373 EX	-0. 0025 EX 0. 2071 EY	-0. 0498 COMB3 0. 0001 COMB5	-0. 00010 EY 0. 00008 COMB1	-0. 00001 EY 0. 00004 EX	0. 00000 COMB5 0. 00000 EX
STORY3	22	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0061 EY 0. 2373 EX	-0. 0023 COMB3 0. 2108 EY	-0. 0498 COMB3 0. 0203 EX	-0. 00010 EY 0. 00008 COMB1	-0. 00004 COMB1 0. 00004 EX	0. 00000 COMB5 0. 00000 EX
STORY3	23	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0026 EY 0. 2420 EX	-0. 0089 EX 0. 2022 EY	-0. 0512 COMB3 0. 0155 EY	-0. 00005 EY 0. 00006 COMB1	-0. 00003 EY 0. 00009 EX	0. 00000 COMB5 0. 00000 EX
STORY3	24	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0008 COMB5 0. 2467 EX	-0. 0104 EX 0. 2011 EY	-0. 0518 COMB3 0. 0001 COMB5	-0. 00004 EY 0. 00002 EX	-0. 00001 COMB5 0. 00010 EX	0. 00000 COMB5 0. 00000 EX
STORY3	25	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0009 COMB5 0. 2543 EX	-0. 0080 EX 0. 2029 EY	-0. 0607 COMB3 0. 0178 EY	-0. 00007 EY 0. 00001 COMB5	-0. 00001 COMB5 0. 00007 COMB1	0. 00000 COMB5 0. 00000 EX
STORY3	26	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0009 COMB5 0. 2572 EX	-0. 0040 EX 0. 2059 EY	-0. 0716 COMB3 0. 0075 EY	-0. 00009 COMB1 0. 00002 COMB5	-0. 00007 COMB1 0. 00008 EX	0. 00000 COMB5 0. 00000 EX
STORY3	27	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0009 COMB5 0. 2572 EX	-0. 0023 COMB3 0. 2119 EY	-0. 0716 COMB3 0. 0074 EY	-0. 00009 COMB1 0. 00002 COMB5	-0. 00001 COMB3 0. 00008 EX	0. 00000 COMB5 0. 00000 EX
STORY3	28	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0009 COMB5 0. 2543 EX	-0. 0023 COMB3 0. 2149 EY	-0. 0607 COMB3 0. 0217 EX	-0. 00007 EY 0. 00004 EX	-0. 00007 COMB1 0. 00007 EX	0. 00000 COMB5 0. 00000 EX
STORY3	29	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0008 COMB5 0. 2467 EX	-0. 0023 COMB3 0. 2168 EY	-0. 0518 COMB3 0. 0185 COMB7	-0. 00004 EY 0. 00000 COMB5	-0. 00008 COMB1 0. 00010 EX	0. 00000 COMB5 0. 00000 EX
STORY3	30	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0026 EY 0. 2420 EX	-0. 0023 COMB3 0. 2157 EY	-0. 0512 COMB3 0. 0168 EY	-0. 00005 EY 0. 00006 COMB1	-0. 00006 COMB1 0. 00009 EX	0. 00000 COMB5 0. 00000 EX
STORY3	100	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0013 COMB3 0. 2526 EX	-0. 0094 EX 0. 1884 EY	-0. 0470 COMB3 0. 0000 COMB5	-0. 00010 EY 0. 00000 COMB5	0. 00000 COMB5 0. 00010 EX	0. 00000 EX 0. 00003 EY

STORY3	103	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0080 EY 0. 2334 EX	-0. 0134 COMB1 0. 1953 EY	-0. 0434 COMB3 0. 0277 EY	-0. 00010 EY 0. 00004 COMB1	-0. 00001 EY 0. 00010 EX	0. 00000 COMB3 0. 00003 EX
STORY3	108	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0150 COMB1 0. 2526 EX	-0. 0005 COMB5 0. 2024 EY	-0. 0470 COMB3 0. 0468 EX	-0. 00010 EY 0. 00000 EX	-0. 00005 COMB1 0. 00010 EX	-0. 00003 EY 0. 00000 COMB3
STORY3	109	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0094 COMB1 0. 2334 EX	-0. 0134 COMB1 0. 2040 EY	-0. 0434 COMB3 0. 0287 EX	-0. 00011 EY 0. 00004 COMB1	-0. 00003 COMB1 0. 00010 EX	-0. 00002 EY 0. 00003 EX
STORY3	245	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0008 COMB5 0. 2470 EX	-0. 0023 COMB3 0. 2089 EY	0. 0000 COMB7 0. 0000 COMB7	0. 00000 COMB7 0. 00000 COMB7	0. 00000 COMB7 0. 00000 COMB7	0. 00000 COMB5 0. 00000 EX
STORY2	17	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0037 EY 0. 1966 EX	-0. 0082 EX 0. 1580 EY	-0. 0299 COMB3 0. 0116 EY	-0. 00009 EY 0. 00003 EX	-0. 00002 EY 0. 00008 EX	0. 00000 COMB5 0. 00000 EX
STORY2	18	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0007 COMB5 0. 2122 EX	-0. 0133 EX 0. 1557 EY	-0. 0334 COMB3 0. 0001 COMB5	-0. 00006 EY 0. 00000 COMB5	0. 00000 COMB5 0. 00011 EX	0. 00000 COMB5 0. 00000 EX
STORY2	19	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0007 COMB5 0. 2122 EX	-0. 0001 COMB1 0. 1680 EY	-0. 0334 COMB3 0. 0266 EX	-0. 00007 EY 0. 00001 EX	-0. 00003 COMB1 0. 00011 EX	0. 00000 COMB5 0. 00000 EX
STORY2	20	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0037 EY 0. 1966 EX	-0. 0001 COMB1 0. 1656 EY	-0. 0299 COMB3 0. 0163 EX	-0. 00009 EY 0. 00002 COMB1	-0. 00002 COMB1 0. 00008 EX	0. 00000 COMB5 0. 00000 EX
STORY2	51	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0065 COMB3 0. 2147 EX	-0. 0080 COMB5 0. 1680 EY	-0. 0598 COMB3 0. 0082 EX	-0. 00010 EY 0. 00013 COMB1	-0. 00001 COMB5 0. 00013 EX	-0. 00003 EX 0. 00006 COMB1
STORY2	53	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0061 COMB5 0. 2147 EX	-0. 0080 COMB5 0. 1724 EY	-0. 0598 COMB3 0. 0054 EY	-0. 00010 EY 0. 00013 COMB1	-0. 00006 COMB1 0. 00013 EX	-0. 00006 COMB1 0. 00000 EY
STORY2	54	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0058 COMB5 0. 2163 EX	-0. 0090 COMB5 0. 1746 EY	-0. 0682 COMB3 0. 0197 EY	-0. 00009 EY 0. 00002 COMB5	-0. 00021 COMB1 0. 00009 EX	-0. 00009 COMB1 0. 00001 EY
STORY2	55	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0123 COMB1 0. 2193 EX	-0. 0077 EX 0. 1725 EY	-0. 0618 COMB3 0. 0273 EY	-0. 00008 EY 0. 00017 COMB1	-0. 00001 COMB5 0. 00010 EX	-0. 00002 EX 0. 00009 COMB1
STORY2	57	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0055 COMB5 0. 2132 EX	-0. 0123 EX 0. 1704 EY	-0. 0493 COMB3 0. 0177 EY	-0. 00010 EY 0. 00001 COMB5	-0. 00012 COMB1 0. 00010 EX	-0. 00005 COMB1 0. 00002 EY
STORY2	61	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0039 COMB5 0. 2046 EX	-0. 0088 EX 0. 1717 EY	-0. 0421 COMB3 0. 0010 COMB5	-0. 00008 EY 0. 00010 COMB1	-0. 00008 COMB1 0. 00012 EX	-0. 00001 EX 0. 00005 COMB1
STORY2	62	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0045 COMB5 0. 2100 EX	-0. 0359 COMB1 0. 1723 EY	-0. 0513 COMB3 0. 0038 EX	-0. 00017 COMB1 0. 00001 EX	-0. 00004 COMB1 0. 00011 EX	-0. 00008 COMB1 0. 00002 EY
STORY2	63	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0039 COMB5 0. 2068 EX	-0. 0067 EX 0. 1728 EY	-0. 0510 COMB3 0. 0129 EX	-0. 00007 EY 0. 00011 COMB1	-0. 00014 COMB1 0. 00010 EX	0. 00000 COMB5 0. 00008 COMB1
STORY2	65	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0036 COMB5 0. 2026 EX	-0. 0224 COMB1 0. 1697 EY	-0. 0414 COMB3 0. 0170 EY	-0. 00013 COMB1 0. 00001 COMB3	-0. 00001 EY 0. 00012 EX	-0. 00005 COMB1 0. 00002 EX
STORY2	69	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0030 EY 0. 2028 EX	-0. 0050 COMB1 0. 1692 EY	-0. 0402 COMB3 0. 0003 COMB5	-0. 00011 EY 0. 00001 COMB3	-0. 00012 COMB1 0. 00009 EX	0. 00000 COMB5 0. 00005 COMB1
STORY2	70	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0307 COMB1 0. 2044 EX	-0. 0199 COMB1 0. 1747 EY	-0. 0492 COMB3 0. 0002 COMB5	-0. 00010 EY 0. 00002 EX	0. 00000 EY 0. 00015 COMB1	-0. 00008 COMB1 0. 00002 EX
STORY2	71	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0062 EY 0. 2044 EX	-0. 0199 COMB1 0. 1771 EY	-0. 0492 COMB3 0. 0132 EX	-0. 00010 EY 0. 00001 COMB3	-0. 00015 COMB1 0. 00007 EX	0. 00000 EY 0. 00008 COMB1
STORY2	73	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0213 COMB1 0. 2028 EX	-0. 0050 COMB1 0. 1730 EY	-0. 0402 COMB3 0. 0230 EX	-0. 00011 EY 0. 00001 COMB3	-0. 00001 EY 0. 00012 COMB1	-0. 00005 COMB1 0. 00002 EX
STORY2	77	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0072 EY 0. 2026 EX	-0. 0224 COMB1 0. 1810 EY	-0. 0414 COMB3 0. 0184 EY	-0. 00013 COMB1 0. 00001 COMB3	-0. 00001 COMB5 0. 00012 EX	-0. 00001 EY 0. 00005 COMB1
STORY2	78	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0276 COMB1 0. 2068 EX	-0. 0018 COMB5 0. 1848 EY	-0. 0510 COMB3 0. 0122 COMB7	-0. 00008 EY 0. 00011 COMB1	-0. 00001 COMB5 0. 00014 COMB1	-0. 00008 COMB1 0. 00001 EX
STORY2	79	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0086 COMB1 0. 2100 EX	-0. 0359 COMB1 0. 1858 EY	-0. 0513 COMB3 0. 0158 COMB7	-0. 00017 COMB1 0. 00000 COMB5	-0. 00001 COMB5 0. 00011 EX	-0. 00001 EY 0. 00008 COMB1
STORY2	81	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0106 COMB1 0. 2046 EX	-0. 0007 COMB5 0. 1853 EY	-0. 0421 COMB3 0. 0158 COMB7	-0. 00009 EY 0. 00010 COMB1	-0. 00001 COMB3 0. 00012 EX	-0. 00005 COMB1 0. 00000 COMB5
STORY2	85	Mi n Val ue Mi n Case Max Val ue Max Case	-0. 0195 COMB1 0. 2132 EX	-0. 0082 COMB1 0. 1812 EY	-0. 0493 COMB3 0. 0239 EX	-0. 00011 EY 0. 00001 EX	-0. 00001 COMB3 0. 00012 COMB1	-0. 00002 EY 0. 00005 COMB1

STORY2	86	Mi n Val ue Mi n Case Max Val ue Max Case	-0.0559 COMB1 0.2163 EX	-0.0090 COMB5 0.1805 EY	-0.0682 COMB3 0.0195 EY	-0.00010 EY 0.00002 COMB5	-0.00001 COMB5 0.00021 COMB1	-0.00001 EX 0.00009 COMB1
STORY2	87	Mi n Val ue Mi n Case Max Val ue Max Case	-0.0070 COMB5 0.2193 EX	-0.0049 COMB5 0.1823 EY	-0.0618 COMB3 0.0284 EY	-0.00008 EY 0.00017 COMB1	-0.00006 COMB1 0.00010 EX	-0.00009 COMB1 0.00000 COMB5
STORY2	246	Mi n Val ue Mi n Case Max Val ue Max Case	-0.0006 COMB5 0.2044 EX	-0.0001 COMB1 0.1618 EY	0.0000 COMB7 0.0000 COMB7	0.00000 COMB7 0.00000 COMB7	0.00000 COMB7 0.00000 COMB7	0.00000 COMB5 0.00000 EX
STORY1	12	Mi n Val ue Mi n Case Max Val ue Max Case	-0.0002 COMB5 0.0565 EX	-0.0012 EX 0.0451 EY	-0.0669 COMB3 0.0732 EY	-0.00027 COMB1 0.00001 COMB5	-0.00001 COMB5 0.00022 COMB1	0.00000 COMB5 0.00000 EX
STORY1	13	Mi n Val ue Mi n Case Max Val ue Max Case	-0.0002 COMB5 0.0565 EX	-0.0001 COMB1 0.0474 EY	-0.0649 COMB3 0.0732 EY	-0.00027 COMB1 0.00004 EX	-0.00022 COMB1 0.00007 EX	0.00000 COMB5 0.00000 EX
STORY1	14	Mi n Val ue Mi n Case Max Val ue Max Case	-0.0003 EY 0.0542 EX	-0.0001 COMB1 0.0481 EY	-0.0768 EX 0.0030 COMB7	-0.00004 EY 0.00010 COMB1	-0.00031 COMB1 0.00012 EX	0.00000 COMB5 0.00000 EX
STORY1	15	Mi n Val ue Mi n Case Max Val ue Max Case	-0.0016 EY 0.0528 EX	-0.0001 COMB1 0.0462 EY	-0.0765 EY 0.0000 EX	-0.00011 EY 0.00032 COMB1	0.00000 EY 0.00003 EX	0.00000 COMB5 0.00000 EX
STORY1	16	Mi n Val ue Mi n Case Max Val ue Max Case	-0.0003 EY 0.0542 EX	-0.0019 EX 0.0444 EY	-0.0510 COMB3 0.0768 EX	-0.00003 EY 0.00010 COMB1	-0.00002 EY 0.00031 COMB1	0.00000 COMB5 0.00000 EX
STORY1	50	Mi n Val ue Mi n Case Max Val ue Max Case	-0.0012 COMB3 0.0064 EX	-0.0011 COMB5 0.0280 COMB1	-0.0156 COMB1 0.0014 EY	-0.00036 COMB1 0.00001 COMB5	-0.00002 COMB3 0.00006 EX	-0.00002 EX 0.00007 COMB1
STORY1	52	Mi n Val ue Mi n Case Max Val ue Max Case	-0.0019 EY 0.0064 EX	-0.0011 COMB5 0.0280 COMB1	-0.0156 COMB1 0.0017 EX	-0.00036 COMB1 0.00001 COMB5	-0.00003 EY 0.00006 EX	-0.00007 COMB1 0.00001 EY
STORY1	56	Mi n Val ue Mi n Case Max Val ue Max Case	-0.0007 COMB5 0.0187 COMB1	-0.0005 COMB5 0.0088 COMB1	-0.0104 COMB1 0.0003 COMB5	-0.00010 COMB1 0.00001 COMB3	-0.00001 COMB5 0.00024 COMB1	-0.00001 EX 0.00002 EY
STORY1	58	Mi n Val ue Mi n Case Max Val ue Max Case	-0.0004 COMB5 0.0166 COMB1	-0.0011 COMB3 0.0103 COMB1	-0.0089 COMB1 0.0002 COMB5	-0.00014 COMB1 0.00000 COMB5	-0.00001 COMB5 0.00020 COMB1	-0.00001 EX 0.00003 COMB1
STORY1	59	Mi n Val ue Mi n Case Max Val ue Max Case	-0.0003 COMB5 0.0194 COMB1	-0.0025 EX 0.0070 EY	-0.0088 COMB1 0.0001 COMB5	-0.00006 EY 0.00000 EX	0.00000 COMB5 0.00024 COMB1	-0.00003 COMB1 0.00002 EY
STORY1	60	Mi n Val ue Mi n Case Max Val ue Max Case	-0.0005 COMB5 0.0201 COMB1	-0.0001 COMB3 0.0062 EY	-0.0103 COMB1 0.0004 EY	-0.00006 COMB1 0.00001 EX	-0.00001 COMB5 0.00024 COMB1	-0.00001 EX 0.00002 EY
STORY1	64	Mi n Val ue Mi n Case Max Val ue Max Case	-0.0020 EY 0.0139 COMB1	-0.0151 COMB1 0.0080 EY	-0.0103 COMB1 0.0001 COMB5	-0.00008 EY 0.00020 COMB1	-0.00003 EY 0.00016 COMB1	-0.00001 COMB1 0.00002 EX
STORY1	66	Mi n Val ue Mi n Case Max Val ue Max Case	-0.0014 EY 0.0147 COMB1	-0.0126 COMB1 0.0067 EY	-0.0087 COMB1 0.0021 EY	-0.00008 EY 0.00015 COMB1	-0.00003 EY 0.00019 COMB1	0.00000 COMB5 0.00003 COMB1
STORY1	67	Mi n Val ue Mi n Case Max Val ue Max Case	-0.0001 COMB5 0.0085 EX	-0.0179 COMB1 0.0089 EY	-0.0087 COMB1 0.0011 EY	-0.00009 EY 0.00023 COMB1	-0.00001 EY 0.00008 COMB1	-0.00003 COMB1 0.00002 EX
STORY1	68	Mi n Val ue Mi n Case Max Val ue Max Case	-0.0014 EY 0.0100 COMB1	-0.0179 COMB1 0.0084 EY	-0.0103 COMB1 0.0003 EY	-0.00010 EY 0.00021 COMB1	-0.00001 EY 0.00014 COMB1	0.00000 COMB3 0.00002 EX
STORY1	72	Mi n Val ue Mi n Case Max Val ue Max Case	-0.0100 COMB1 0.0086 EX	-0.0179 COMB1 0.0085 EY	-0.0103 COMB1 0.0004 EY	-0.00010 EY 0.00021 COMB1	-0.00014 COMB1 0.00008 EX	-0.00002 EY 0.00002 EX
STORY1	74	Mi n Val ue Mi n Case Max Val ue Max Case	-0.0074 COMB1 0.0085 EX	-0.0179 COMB1 0.0092 EY	-0.0087 COMB1 0.0027 EX	-0.00009 EY 0.00023 COMB1	-0.00008 COMB1 0.00008 EX	-0.00001 EY 0.00003 COMB1
STORY1	75	Mi n Val ue Mi n Case Max Val ue Max Case	-0.0147 COMB1 0.0111 EX	-0.0126 COMB1 0.0071 EY	-0.0087 COMB1 0.0023 EY	-0.00008 EY 0.00015 COMB1	-0.00019 COMB1 0.00010 EX	-0.00003 COMB1 0.00002 EX
STORY1	76	Mi n Val ue Mi n Case Max Val ue Max Case	-0.0139 COMB1 0.0092 EX	-0.0151 COMB1 0.0085 EY	-0.0103 COMB1 0.0011 EX	-0.00008 EY 0.00020 COMB1	-0.00016 COMB1 0.00011 EX	-0.00001 EY 0.00002 EX
STORY1	80	Mi n Val ue Mi n Case Max Val ue Max Case	-0.0201 COMB1 0.0117 EX	-0.0003 EX 0.0067 EY	-0.0103 COMB1 0.0011 EX	-0.00006 EY 0.00000 COMB7	-0.00024 COMB1 0.00013 EX	-0.00002 EY 0.00000 COMB3
STORY1	82	Mi n Val ue Mi n Case Max Val ue Max Case	-0.0194 COMB1 0.0116 EX	0.0000 COMB5 0.0075 EY	-0.0088 COMB1 0.0023 EX	-0.00006 EY 0.00000 COMB7	-0.00024 COMB1 0.00013 EX	-0.00002 EY 0.00003 COMB1
STORY1	83	Mi n Val ue Mi n Case Max Val ue Max Case	-0.0166 COMB1 0.0101 EX	-0.0016 EX 0.0103 COMB1	-0.0089 COMB1 0.0034 EX	-0.00014 COMB1 0.00003 EX	-0.00020 COMB1 0.00012 EX	-0.00003 COMB1 0.00000 COMB5
STORY1	84	Mi n Val ue Mi n Case Max Val ue Max Case	-0.0187 COMB1 0.0117 EX	-0.0015 EX 0.0088 COMB1	-0.0104 COMB1 0.0007 COMB7	-0.00010 COMB1 0.00003 EX	-0.00024 COMB1 0.00012 EX	-0.00002 EY 0.00001 COMB1

STORY1	247	Min Value Min Case Max Value Max Case	-0.0002 COMB5 0.0549 EX	-0.0001 COMB1 0.0462 EY	0.0000 COMB7 0.0000 COMB7	0.00000 COMB7 0.00000 COMB7	0.00000 COMB7 0.00000 COMB7	0.00000 COMB5 0.00000 EX
BASE	1	Min Value Min Case Max Value Max Case	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	-0.00013 COMB1 0.00000 COMB3	-0.00001 COMB5 0.00024 COMB1	-0.00001 EX 0.00002 EY
BASE	3	Min Value Min Case Max Value Max Case	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	-0.00040 COMB1 0.00001 COMB5	-0.00003 COMB3 0.00005 EX	-0.00002 EX 0.00006 COMB1
BASE	4	Min Value Min Case Max Value Max Case	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	-0.00040 COMB1 0.00001 COMB5	-0.00004 EY 0.00005 EX	-0.00006 COMB1 0.00001 EY
BASE	5	Min Value Min Case Max Value Max Case	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	-0.00013 COMB1 0.00004 EX	-0.00024 COMB1 0.00011 EX	-0.00002 EY 0.00000 COMB5
BASE	6	Min Value Min Case Max Value Max Case	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	-0.00005 EY 0.00000 COMB7	-0.00027 COMB1 0.00013 EX	-0.00002 EY 0.00001 COMB1
BASE	7	Min Value Min Case Max Value Max Case	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	-0.00007 EY 0.00019 COMB1	-0.00019 COMB1 0.00010 EX	-0.00001 EY 0.00002 EX
BASE	8	Min Value Min Case Max Value Max Case	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	-0.00009 EY 0.00024 COMB1	-0.00012 COMB1 0.00007 EX	-0.00001 EY 0.00002 EX
BASE	9	Min Value Min Case Max Value Max Case	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	-0.00009 EY 0.00024 COMB1	-0.00001 EY 0.00012 COMB1	-0.00001 COMB1 0.00002 EX
BASE	10	Min Value Min Case Max Value Max Case	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	-0.00007 EY 0.00019 COMB1	-0.00003 EY 0.00019 COMB1	0.00000 COMB5 0.00002 EX
BASE	11	Min Value Min Case Max Value Max Case	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	-0.00005 EY 0.00001 EX	-0.00001 COMB5 0.00027 COMB1	-0.00001 EX 0.00002 EY

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D I S P L A C E M E N T E N V E L O P E S A T D I A P H R A G M C E N T E R O F M A S S

STORY	DIAPHRAGM	POINT	X	Y	ITEM	UX	UY	RZ
STORY7	D7	241	0.000	0.000	Min Value Min Case Max Value Max Case	-0.0010 COMB5 0.4020 EX	-0.0141 COMB3 0.3778 EY	0.00000 EX 0.00001 EY
STORY6	D6	242	0.000	0.000	Min Value Min Case Max Value Max Case	-0.0011 COMB5 0.4137 EX	-0.0117 COMB3 0.3871 EY	0.00000 EX 0.00001 EY
STORY5	D5	243	0.001	-0.001	Min Value Min Case Max Value Max Case	-0.0010 COMB5 0.3749 EX	-0.0087 COMB3 0.3442 EY	0.00000 COMB5 0.00000 EY
STORY4	D4	244	0.000	92.016	Min Value Min Case Max Value Max Case	-0.0010 COMB5 0.3509 EX	-0.0061 COMB3 0.3180 EY	0.00000 COMB5 0.00000 EY
STORY3	D3	245	0.000	176.718	Min Value Min Case Max Value Max Case	-0.0008 COMB5 0.2470 EX	-0.0023 COMB3 0.2089 EY	0.00000 COMB5 0.00000 EX
STORY2	D2	246	0.001	1118.043	Min Value Min Case Max Value Max Case	-0.0006 COMB5 0.2044 EX	-0.0001 COMB1 0.1618 EY	0.00000 COMB5 0.00000 EX
STORY1	D1	247	0.000	0.000	Min Value Min Case Max Value Max Case	-0.0002 COMB5 0.0549 EX	-0.0001 COMB1 0.0462 EY	0.00000 COMB5 0.00000 EX

LOADING COMBINATIONS

COMBO	COMBO TYPE	CASE	CASE TYPE	SCALE FACTOR
COMB1	ENVE	DEAD	Static	1.4000
COMB2	ENVE	DEAD	Static	1.2000
COMB3	ENVE	LIVE	Static	0.5000
		DEAD	Static	1.2000
COMB4	ENVE	WIND	Static	0.8000
		LIVE	Static	1.6000
		DEAD	Static	1.2000
COMB5	ENVE	WIND	Static	1.3000
		LIVE	Static	0.5000
		DEAD	Static	1.2000
COMB6	ENVE	SPECX	Spectra	1.0000
		DEAD	Static	1.2000
COMB7	ENVE	SPECY	Spectra	1.0000
		DEAD	Static	0.9000
		WIND	Static	1.3000

POINT DISPLACEMENT ENVELOPES

STORY	POINT	ITEM	UX	UY	UZ	RX	RY	RZ
STORY7	2	Min Value	-0.0008	-0.0141	-0.4091	0.0000	-0.0006	-0.0001
		Min Case	COMB5	COMB3	COMB3	COMB1	EX	EX
		Max Value	2.5263	2.3742	0.0613	0.0062	0.0000	0.0003
		Max Case	EX	EY	EY	EY	COMB5	EY
STORY7	283	Min Value	-0.0008	-0.0141	0.0000	0.0000	0.0000	-0.0001
		Min Case	COMB5	COMB3	COMB7	COMB7	COMB7	EX
		Max Value	2.5263	2.3742	0.0000	0.0000	0.0000	0.0003
		Max Case	EX	EY	COMB7	COMB7	COMB7	EY
STORY6	41	Min Value	-0.0009	-0.0117	-0.7413	-0.0007	-0.0038	0.0000
		Min Case	COMB5	COMB3	EY	COMB3	EX	EX
		Max Value	2.5917	2.4329	0.0000	0.0007	0.0001	0.0003
		Max Case	EX	EY	COMB5	EY	COMB5	EY
STORY6	42	Min Value	-0.0009	-0.0117	-0.9122	-0.0006	-0.0018	0.0000
		Min Case	COMB5	COMB3	EX	EX	EX	EX
		Max Value	2.5975	2.3802	0.0003	0.0031	0.0009	0.0003
		Max Case	EX	EY	COMB5	EY	COMB3	EY
STORY6	43	Min Value	-0.0364	-0.0117	-0.1935	-0.0010	-0.0029	0.0000
		Min Case	EY	COMB3	COMB3	EX	EX	EX
		Max Value	2.6070	2.4654	0.7882	0.0021	0.0010	0.0003
		Max Case	EX	EY	EY	EY	EY	EY
STORY6	44	Min Value	-0.0364	-0.0117	-0.5605	0.0000	-0.0029	0.0000
		Min Case	EY	COMB3	EX	COMB5	EX	EX
		Max Value	2.6070	2.4003	0.7872	0.0022	0.0005	0.0003
		Max Case	EX	EY	EY	EY	COMB3	EY
STORY6	45	Min Value	-0.0009	-0.0117	-0.2628	-0.0002	-0.0018	0.0000
		Min Case	COMB5	COMB3	EY	COMB3	EX	EX
		Max Value	2.5975	2.4856	0.9122	0.0031	0.0000	0.0003
		Max Case	EX	EY	EX	EY	COMB5	EY
STORY6	284	Min Value	-0.0009	-0.0117	0.0000	0.0000	0.0000	0.0000
		Min Case	COMB5	COMB3	COMB7	COMB7	COMB7	EX
		Max Value	2.6001	2.4329	0.0000	0.0000	0.0000	0.0003
		Max Case	EX	EY	COMB7	COMB7	COMB7	EY
STORY5	36	Min Value	-0.0009	-0.0087	-0.3603	-0.0030	-0.0016	0.0000
		Min Case	COMB5	COMB3	EY	EX	EY	COMB5
		Max Value	2.3668	2.2034	0.3587	0.0022	0.0009	0.0002
		Max Case	EX	EY	EX	EX	EX	EY
STORY5	37	Min Value	-0.0122	-0.0087	-0.1138	-0.0013	-0.0010	0.0000
		Min Case	EY	COMB3	COMB3	EX	COMB1	COMB5
		Max Value	2.3516	2.2281	0.5549	0.0003	0.0036	0.0002
		Max Case	EX	EY	EX	COMB1	EX	EY
STORY5	38	Min Value	-0.0592	-0.0087	-0.1143	-0.0045	-0.0007	0.0000
		Min Case	EY	COMB3	COMB3	EY	EX	COMB5
		Max Value	2.3422	2.1634	0.5581	0.0011	0.0000	0.0002
		Max Case	EX	EY	EY	COMB1	COMB5	EY
STORY5	95	Min Value	-0.0122	-0.0129	-0.5549	0.0000	-0.0015	0.0000
		Min Case	EY	EX	EX	COMB5	EY	COMB5
		Max Value	2.3516	2.0986	0.1783	0.0013	0.0036	0.0002
		Max Case	EX	EY	EY	EX	EX	EY
STORY5	40	Min Value	-0.0009	-0.0087	-0.3637	-0.0029	0.0000	0.0000
		Min Case	COMB5	COMB3	EY	EY	COMB5	COMB5
		Max Value	2.3668	2.1234	0.0001	0.0001	0.0017	0.0002
		Max Case	EX	EY	COMB5	COMB5	EY	EY
STORY5	112	Min Value	-0.0636	-0.0491	-0.4697	-0.0034	-0.0013	0.0000
		Min Case	EY	COMB1	EX	EY	EY	COMB5
		Max Value	2.3548	2.1477	0.6400	0.0011	0.0025	0.0024
		Max Case	EX	EY	EY	COMB1	EX	EX
STORY5	113	Min Value	-0.0069	-0.0096	-0.7642	-0.0020	0.0000	-0.0007
		Min Case	COMB3	COMB3	EX	EY	COMB5	EX
		Max Value	2.3893	2.0992	0.0018	0.0000	0.0037	0.0027
		Max Case	EX	EY	COMB5	COMB5	EX	EY
STORY5	114	Min Value	-0.0340	-0.0491	-0.1250	-0.0036	-0.0008	-0.0016
		Min Case	COMB1	COMB1	COMB1	EY	COMB1	EY
		Max Value	2.3548	2.2231	0.6416	0.0011	0.0025	0.0024
		Max Case	EX	EY	EY	COMB1	EX	EX
STORY5	115	Min Value	-0.0550	-0.0096	-0.2222	-0.0024	-0.0013	-0.0025
		Min Case	COMB1	COMB3	EY	EY	COMB1	EY
		Max Value	2.3893	2.2213	0.7642	0.0009	0.0037	0.0000
		Max Case	EX	EY	EX	EX	EX	COMB1
STORY5	116	Min Value	-0.0157	-0.0140	-0.4551	-0.0049	-0.0001	-0.0032
		Min Case	COMB5	COMB3	EY	EY	COMB5	EX
		Max Value	2.3353	2.1917	0.0000	0.0000	0.0005	0.0001
		Max Case	EX	EY	COMB5	COMB7	EX	COMB5
STORY5	285	Min Value	-0.0008	-0.0087	0.0000	0.0000	0.0000	0.0000
		Min Case	COMB5	COMB3	COMB7	COMB7	COMB7	COMB5
		Max Value	2.3558	2.1634	0.0000	0.0000	0.0000	0.0002
		Max Case	EX	EY	COMB7	COMB7	COMB7	EY

STORY4	94	Min Value Min Case Max Value Max Case	-0.0008 COMB5 2.2133 EX	-0.0061 COMB3 2.0614 EX	-0.1504 EY 0.5640 EX	-0.00023 EY 0.00010 EX	-0.00011 COMB1 0.00040 EX	0.00000 COMB5 0.00002 EY
STORY4	32	Min Value Min Case Max Value Max Case	-0.0448 EY 2.1875 EX	-0.0061 COMB3 2.0373 EY	-0.0916 COMB3 0.4511 EY	-0.00039 EY 0.00010 COMB1	-0.00007 COMB1 0.00026 EX	0.00000 COMB5 0.00002 EY
STORY4	33	Min Value Min Case Max Value Max Case	-0.0448 EY 2.1875 EX	-0.0136 EX 1.9591 EY	-0.3464 EX 0.4489 EY	-0.00038 EY 0.00013 EX	-0.00016 EY 0.00026 EX	0.00000 COMB5 0.00002 EY
STORY4	34	Min Value Min Case Max Value Max Case	-0.0008 COMB5 2.2133 EX	-0.0219 EX 1.9350 EY	-0.5640 EX 0.0002 COMB5	-0.00020 EY 0.00000 COMB5	0.00000 COMB5 0.00040 EX	0.00000 COMB5 0.00002 EY
STORY4	35	Min Value Min Case Max Value Max Case	-0.0009 COMB5 2.2292 EX	-0.0061 COMB3 1.9982 EY	-0.1906 EY 0.0000 EX	-0.00050 EY 0.00000 COMB5	-0.00004 EX 0.00001 COMB5	0.00000 COMB5 0.00002 EY
STORY4	96	Min Value Min Case Max Value Max Case	-0.0012 COMB5 2.2684 EX	-0.0071 COMB3 2.0248 EY	-0.2996 EY 0.2400 EX	-0.00038 EY 0.00019 EX	-0.00008 EY 0.00031 EX	-0.00012 EX 0.00000 COMB5
STORY4	97	Min Value Min Case Max Value Max Case	-0.0260 COMB1 2.2377 EX	-0.0102 COMB3 2.0552 EY	-0.2452 EY 0.3581 EX	-0.00047 EY 0.00010 EX	-0.00012 EY 0.00022 EX	-0.00014 EX 0.00002 COMB1
STORY4	98	Min Value Min Case Max Value Max Case	-0.0237 COMB1 2.2684 EX	-0.0245 EX 1.9555 EY	-0.3016 EY 0.0050 COMB5	-0.00037 EY 0.00015 COMB1	0.00000 COMB5 0.00031 EX	-0.00012 EX 0.00007 EY
STORY4	99	Min Value Min Case Max Value Max Case	-0.0022 COMB3 2.2377 EX	-0.0479 EX 1.9686 EY	-0.3581 EX 0.0024 COMB5	-0.00045 EY 0.00001 COMB5	-0.00015 COMB1 0.00022 EX	-0.00014 EX 0.00016 EY
STORY4	101	Min Value Min Case Max Value Max Case	-0.0074 EY 2.1902 EX	-0.0080 EX 1.9797 EY	-0.4812 EX 0.0743 EY	-0.00025 EY 0.00009 COMB1	-0.00016 EY 0.00041 EX	0.00000 COMB5 0.00023 EY
STORY4	102	Min Value Min Case Max Value Max Case	-0.0038 COMB3 2.2001 EX	-0.0317 COMB1 1.9702 EY	-0.4332 EX 0.2086 EY	-0.00020 EY 0.00006 EX	-0.00005 COMB1 0.00047 EX	-0.00003 COMB1 0.00021 EY
STORY4	104	Min Value Min Case Max Value Max Case	-0.0551 EY 2.2244 EX	-0.0140 COMB1 1.9803 EY	-0.0978 COMB3 0.4415 EY	-0.00051 EY 0.00003 COMB3	-0.00013 COMB1 0.00019 EX	0.00000 COMB5 0.00023 EX
STORY4	105	Min Value Min Case Max Value Max Case	-0.0595 EY 2.2244 EX	-0.0178 EX 1.9912 EY	-0.0978 COMB3 0.4405 EY	-0.00052 EY 0.00008 EX	-0.00003 EY 0.00019 EX	-0.00003 COMB1 0.00023 EX
STORY4	106	Min Value Min Case Max Value Max Case	-0.0511 EY 2.2001 EX	-0.0317 COMB1 2.0933 EY	-0.0982 COMB3 0.4332 EX	-0.00022 EY 0.00002 COMB3	-0.00002 COMB3 0.00047 EX	-0.00019 EY 0.00010 EX
STORY4	107	Min Value Min Case Max Value Max Case	-0.0198 COMB1 2.1902 EX	-0.0044 COMB3 2.1096 EY	-0.0979 COMB3 0.4812 EX	-0.00028 EY 0.00009 COMB1	-0.00003 COMB3 0.00041 EX	-0.00021 EY 0.00007 EX
STORY4	286	Min Value Min Case Max Value Max Case	-0.0008 COMB5 2.2055 EX	-0.0061 COMB3 1.9982 EY	0.0000 COMB7 0.0000 COMB7	0.00000 COMB7 0.00000 COMB7	0.00000 COMB7 0.00000 COMB7	0.00000 COMB5 0.00002 EY
STORY3	21	Min Value Min Case Max Value Max Case	-0.0385 EY 1.4913 EX	-0.0155 EX 1.3014 EY	-0.1277 EX 0.0001 COMB5	-0.00062 EY 0.00009 EX	-0.00003 EY 0.00027 EX	0.00000 COMB5 0.00002 EX
STORY3	22	Min Value Min Case Max Value Max Case	-0.0385 EY 1.4913 EX	-0.0023 COMB3 1.3247 EY	-0.0498 COMB3 0.1277 EX	-0.00062 EY 0.00008 COMB1	-0.00004 COMB1 0.00027 EX	0.00000 COMB5 0.00002 EX
STORY3	23	Min Value Min Case Max Value Max Case	-0.0163 EY 1.5207 EX	-0.0561 EX 1.2709 EY	-0.0512 COMB3 0.0977 EY	-0.00032 EY 0.00013 EX	-0.00018 EY 0.00059 EX	0.00000 COMB5 0.00002 EX
STORY3	24	Min Value Min Case Max Value Max Case	-0.0006 COMB5 1.5502 EX	-0.0656 EX 1.2637 EY	-0.1013 EY 0.0001 COMB5	-0.00025 EY 0.00011 EX	-0.00003 EY 0.00066 EX	0.00000 COMB5 0.00002 EX
STORY3	25	Min Value Min Case Max Value Max Case	-0.0007 COMB5 1.5979 EX	-0.0501 EX 1.2753 EY	-0.1365 EX 0.1119 EY	-0.00044 EY 0.00001 COMB5	-0.00001 COMB5 0.00046 EX	0.00000 COMB5 0.00002 EX
STORY3	26	Min Value Min Case Max Value Max Case	-0.0007 COMB5 1.6161 EX	-0.0251 EX 1.2942 EY	-0.0716 COMB3 0.0470 EY	-0.00052 EY 0.00002 COMB5	-0.00007 COMB1 0.00050 EX	0.00000 COMB5 0.00002 EX
STORY3	27	Min Value Min Case Max Value Max Case	-0.0007 COMB5 1.6161 EX	-0.0023 COMB3 1.3320 EY	-0.0716 COMB3 0.0465 EY	-0.00053 EY 0.00011 EX	-0.00008 EY 0.00050 EX	0.00000 COMB5 0.00002 EX
STORY3	28	Min Value Min Case Max Value Max Case	-0.0007 COMB5 1.5979 EX	-0.0023 COMB3 1.3508 EY	-0.0607 COMB3 0.1365 EX	-0.00046 EY 0.00024 EX	-0.00014 EY 0.00046 EX	0.00000 COMB5 0.00002 EX
STORY3	29	Min Value Min Case Max Value Max Case	-0.0006 COMB5 1.5502 EX	-0.0023 COMB3 1.3625 EY	-0.1017 EY 0.0857 EX	-0.00027 EY 0.00000 COMB5	-0.00008 COMB1 0.00066 EX	0.00000 COMB5 0.00002 EX

STORY3	30	Min Value Min Case Max Value Max Case	-0.0163 EY 1.5207 EX	-0.0023 COMB3 1.3553 EY	-0.0512 COMB3 0.1058 EY	-0.00034 EY 0.00006 COMB1	-0.00006 COMB1 0.00059 EX	0.00000 COMB5 0.00002 EX
STORY3	100	Min Value Min Case Max Value Max Case	-0.0013 COMB3 1.5872 EX	-0.0592 EX 1.1843 EY	-0.2939 EX 0.0004 COMB5	-0.00060 EY 0.00000 COMB5	0.00000 COMB5 0.00063 EX	-0.00002 EX 0.00021 EY
STORY3	103	Min Value Min Case Max Value Max Case	-0.0506 EY 1.4667 EX	-0.0734 EX 1.2276 EY	-0.1804 EX 0.1741 EY	-0.00063 EY 0.00004 COMB1	-0.00003 EY 0.00063 EX	0.00000 COMB3 0.00019 EX
STORY3	108	Min Value Min Case Max Value Max Case	-0.0150 COMB1 1.5872 EX	-0.0004 COMB5 1.2722 EY	-0.0539 EY 0.2939 EX	-0.00065 EY 0.00003 EX	-0.00005 COMB1 0.00063 EX	-0.00021 EY 0.00000 COMB3
STORY3	109	Min Value Min Case Max Value Max Case	-0.0094 COMB1 1.4667 EX	-0.0134 COMB1 1.2823 EY	-0.0434 COMB3 0.1804 EX	-0.00066 EY 0.00004 COMB1	-0.00003 COMB1 0.00063 EX	-0.00013 EY 0.00019 EX
STORY3	287	Min Value Min Case Max Value Max Case	-0.0006 COMB5 1.5525 EX	-0.0023 COMB3 1.3131 EY	0.0000 COMB7 0.0000 COMB7	0.00000 COMB7 0.00000 COMB7	0.00000 COMB7 0.00000 COMB7	0.00000 COMB5 0.00002 EX
STORY2	17	Min Value Min Case Max Value Max Case	-0.0234 EY 1.2353 EX	-0.0517 EX 0.9932 EY	-0.1023 EY 0.0732 EY	-0.00055 EY 0.00016 EX	-0.00015 EY 0.00052 EX	0.00000 COMB5 0.00002 EX
STORY2	18	Min Value Min Case Max Value Max Case	-0.0005 COMB5 1.3336 EX	-0.0837 EX 0.9784 EY	-0.1669 EX 0.0001 COMB5	-0.00039 EY 0.00000 COMB5	0.00000 COMB5 0.00072 EX	0.00000 COMB5 0.00002 EX
STORY2	19	Min Value Min Case Max Value Max Case	-0.0005 COMB5 1.3336 EX	-0.0001 COMB1 1.0558 EY	-0.0334 COMB3 0.1669 EX	-0.00042 EY 0.00008 EX	-0.00007 EY 0.00072 EX	0.00000 COMB5 0.00002 EX
STORY2	20	Min Value Min Case Max Value Max Case	-0.0234 EY 1.2353 EX	-0.0001 COMB1 1.0410 EY	-0.0299 COMB3 0.1023 EX	-0.00057 EY 0.00002 COMB1	-0.00002 COMB1 0.00052 EX	0.00000 COMB5 0.00002 EX
STORY2	51	Min Value Min Case Max Value Max Case	-0.0065 COMB3 1.3494 EX	-0.0207 EX 1.0556 EY	-0.0598 COMB3 0.0515 EX	-0.00060 EY 0.00013 COMB1	-0.00001 COMB5 0.00080 EX	-0.00016 EX 0.00006 COMB1
STORY2	53	Min Value Min Case Max Value Max Case	-0.0048 COMB5 1.3494 EX	-0.0063 COMB5 1.0836 EY	-0.0598 COMB3 0.0338 EY	-0.00061 EY 0.00013 COMB1	-0.00006 COMB1 0.00080 EX	-0.00016 EX 0.00001 EY
STORY2	54	Min Value Min Case Max Value Max Case	-0.0046 COMB5 1.3592 EX	-0.0349 EX 1.0974 EY	-0.0682 COMB3 0.1240 EY	-0.00058 EY 0.00002 COMB5	-0.00021 COMB1 0.00058 EX	-0.00009 EX 0.00006 EY
STORY2	55	Min Value Min Case Max Value Max Case	-0.0123 COMB1 1.3780 EX	-0.0481 EX 1.0838 EY	-0.0618 COMB3 0.1715 EY	-0.00050 EY 0.00017 COMB1	-0.00001 COMB5 0.00063 EX	-0.00010 EX 0.00009 COMB1
STORY2	57	Min Value Min Case Max Value Max Case	-0.0044 COMB5 1.3401 EX	-0.0771 EX 1.0711 EY	-0.1503 EX 0.1112 EY	-0.00064 EY 0.00001 COMB5	-0.00012 COMB1 0.00066 EX	-0.00005 EX 0.00013 EY
STORY2	61	Min Value Min Case Max Value Max Case	-0.0031 COMB5 1.2861 EX	-0.0556 EX 1.0792 EY	-0.1127 EY 0.0008 COMB5	-0.00053 EY 0.00013 EX	-0.00008 COMB1 0.00075 EX	-0.00004 EX 0.00014 EY
STORY2	62	Min Value Min Case Max Value Max Case	-0.0035 COMB5 1.3200 EX	-0.0586 EX 1.0827 EY	-0.0953 EY 0.0241 EX	-0.00040 EY 0.00008 EX	-0.00004 COMB1 0.00070 EX	-0.00008 COMB1 0.00010 EY
STORY2	63	Min Value Min Case Max Value Max Case	-0.0078 EY 1.2996 EX	-0.0423 EX 1.0858 EY	-0.0510 COMB3 0.0809 EX	-0.00046 EY 0.00011 COMB1	-0.00014 EY 0.00064 EX	0.00000 COMB5 0.00010 EY
STORY2	65	Min Value Min Case Max Value Max Case	-0.0028 COMB5 1.2731 EX	-0.0301 EX 1.0666 EY	-0.0414 COMB3 0.1071 EY	-0.00052 EY 0.00002 EX	-0.00007 EY 0.00076 EX	-0.00005 COMB1 0.00014 EX
STORY2	69	Min Value Min Case Max Value Max Case	-0.0191 EY 1.2745 EX	-0.0050 COMB1 1.0633 EY	-0.1447 EX 0.0002 COMB5	-0.00068 EY 0.00002 EX	-0.00012 COMB1 0.00058 EX	0.00000 COMB5 0.00015 EX
STORY2	70	Min Value Min Case Max Value Max Case	-0.0307 COMB1 1.2843 EX	-0.0199 COMB1 1.0976 EY	-0.1036 EY 0.0002 COMB5	-0.00062 EY 0.00010 EX	-0.00003 EY 0.00047 EX	-0.00008 COMB1 0.00013 EX
STORY2	71	Min Value Min Case Max Value Max Case	-0.0387 EY 1.2843 EX	-0.0199 COMB1 1.1127 EY	-0.1063 EY 0.0827 EX	-0.00062 EY 0.00001 COMB3	-0.00015 COMB1 0.00047 EX	0.00000 EY 0.00013 EX
STORY2	73	Min Value Min Case Max Value Max Case	-0.0460 EY 1.2745 EX	-0.0050 COMB1 1.0869 EY	-0.0402 COMB3 0.1447 EX	-0.00070 EY 0.00001 COMB3	-0.00007 EY 0.00058 EX	-0.00007 EY 0.00015 EX
STORY2	77	Min Value Min Case Max Value Max Case	-0.0451 EY 1.2731 EX	-0.0224 COMB1 1.1375 EY	-0.0414 COMB3 0.1155 EY	-0.00055 EY 0.00001 COMB3	0.00000 COMB5 0.00076 EX	-0.00008 EY 0.00014 EX
STORY2	78	Min Value Min Case Max Value Max Case	-0.0276 COMB1 1.2996 EX	-0.0014 COMB5 1.1616 EY	-0.0809 EX 0.0418 EY	-0.00049 EY 0.00011 COMB1	-0.00001 COMB5 0.00064 EX	-0.00009 EY 0.00005 EX

STORY2	79	Min Value Min Case Max Value Max Case	-0.0086 COMB1 1.3200 EX	-0.0359 COMB1 1.1678 EX	-0.0956 EY 0.0158 COMB7	-0.00043 EY 0.00000 COMB5	-0.00002 EY 0.00070 EX	-0.00009 EY 0.00008 COMB1
STORY2	81	Min Value Min Case Max Value Max Case	-0.0106 COMB1 1.2861 EX	-0.0006 COMB5 1.1646 EX	-0.1142 EY 0.0825 EX	-0.00058 EY 0.00010 COMB1	-0.00001 COMB3 0.00075 EX	-0.00013 EY 0.00000 COMB5
STORY2	85	Min Value Min Case Max Value Max Case	-0.0195 COMB1 1.3401 EX	-0.0082 COMB1 1.1388 EX	-0.0493 COMB3 0.1503 EX	-0.00068 EY 0.00009 EX	-0.00001 COMB3 0.00066 EX	-0.00013 EY 0.00005 COMB1
STORY2	86	Min Value Min Case Max Value Max Case	-0.0559 COMB1 1.3592 EX	-0.0071 COMB5 1.1344 EX	-0.0865 EX 0.1228 EY	-0.00060 EY 0.00002 EX	-0.00006 EY 0.00058 EX	-0.00009 EX 0.00009 COMB1
STORY2	87	Min Value Min Case Max Value Max Case	-0.0055 COMB5 1.3780 EX	-0.0039 COMB5 1.1454 EX	-0.0618 COMB3 0.1786 EX	-0.00052 EY 0.00017 COMB1	-0.00006 COMB1 0.00063 EX	-0.00010 EX 0.00000 COMB5
STORY2	288	Min Value Min Case Max Value Max Case	-0.0007 EY 1.2845 EX	-0.0001 COMB1 1.0171 EX	0.0000 COMB7 0.0000 COMB7	0.00000 COMB7 0.00000 COMB7	0.00000 COMB7 0.00000 COMB7	0.00000 COMB5 0.00002 EX
STORY1	12	Min Value Min Case Max Value Max Case	-0.0002 COMB5 0.3550 EX	-0.0075 EX 0.2833 EY	-0.0669 COMB3 0.4600 EY	-0.00051 EY 0.00001 COMB3	-0.00001 COMB5 0.00042 EX	0.00000 COMB5 0.00000 EX
STORY1	13	Min Value Min Case Max Value Max Case	-0.0002 COMB5 0.3550 EX	-0.0001 COMB1 0.2977 EX	-0.2777 EX 0.4603 EY	-0.00051 EY 0.00027 EX	-0.00022 EY 0.00042 EX	0.00000 COMB5 0.00000 EX
STORY1	14	Min Value Min Case Max Value Max Case	-0.0018 EY 0.3408 EX	-0.0001 COMB1 0.3021 EX	-0.4826 EX 0.0030 COMB7	-0.00023 EY 0.00010 COMB1	-0.00031 COMB1 0.00076 EX	0.00000 COMB5 0.00000 EX
STORY1	15	Min Value Min Case Max Value Max Case	-0.0102 EY 0.3320 EX	-0.0001 COMB1 0.2905 EX	-0.4809 EY 0.0000 EX	-0.00067 EY 0.00032 COMB1	-0.00001 EY 0.00019 EX	0.00000 COMB5 0.00000 EX
STORY1	16	Min Value Min Case Max Value Max Case	-0.0018 EY 0.3408 EX	-0.0121 EX 0.2788 EY	-0.1431 EY 0.4826 EX	-0.00021 EY 0.00019 EX	-0.00014 EY 0.00076 EX	0.00000 COMB5 0.00000 EX
STORY1	50	Min Value Min Case Max Value Max Case	-0.0012 COMB3 0.0402 EX	-0.0009 COMB5 0.0558 EX	-0.0156 COMB1 0.0087 EY	-0.00054 EY 0.00001 COMB5	-0.00002 COMB3 0.00040 EX	-0.00015 EX 0.00007 COMB1
STORY1	52	Min Value Min Case Max Value Max Case	-0.0119 EY 0.0402 EX	-0.0009 COMB5 0.0568 EX	-0.0156 COMB1 0.0110 EX	-0.00054 EY 0.00005 EX	-0.00021 EY 0.00040 EX	-0.00015 EX 0.00007 EY
STORY1	56	Min Value Min Case Max Value Max Case	-0.0005 COMB5 0.0738 EX	-0.0004 COMB5 0.0404 EX	-0.0104 COMB1 0.0002 COMB5	-0.00046 EY 0.00001 COMB3	-0.00001 COMB5 0.00075 EX	-0.00006 EX 0.00013 EY
STORY1	58	Min Value Min Case Max Value Max Case	-0.0003 COMB5 0.0633 EX	-0.0011 COMB3 0.0531 EX	-0.0212 EX 0.0014 EY	-0.00041 EY 0.00000 COMB5	-0.00001 COMB5 0.00077 EX	-0.00008 EX 0.00011 EY
STORY1	59	Min Value Min Case Max Value Max Case	-0.0003 COMB5 0.0730 EX	-0.0156 EX 0.0437 EY	-0.0143 EX 0.0001 COMB5	-0.00035 EY 0.00002 EX	0.00000 COMB5 0.00084 EX	-0.00003 EX 0.00012 EY
STORY1	60	Min Value Min Case Max Value Max Case	-0.0004 COMB5 0.0738 EX	-0.0001 COMB3 0.0391 EX	-0.0103 COMB1 0.0023 EY	-0.00037 EY 0.00006 EX	0.00000 COMB5 0.00083 EX	-0.00006 EX 0.00013 EY
STORY1	64	Min Value Min Case Max Value Max Case	-0.0125 EY 0.0575 EX	-0.0151 COMB1 0.0505 EX	-0.0103 COMB1 0.0001 COMB5	-0.00048 EY 0.00020 COMB1	-0.00018 EY 0.00067 EX	-0.00001 COMB1 0.00014 EX
STORY1	66	Min Value Min Case Max Value Max Case	-0.0091 EY 0.0698 EX	-0.0126 COMB1 0.0423 EX	-0.0087 COMB1 0.0134 EX	-0.00048 EY 0.00017 EX	-0.00018 EY 0.00064 EX	0.00000 COMB5 0.00010 EX
STORY1	67	Min Value Min Case Max Value Max Case	0.0000 COMB5 0.0531 EX	-0.0179 COMB1 0.0559 EX	-0.0170 EX 0.0068 EY	-0.00058 EY 0.00023 COMB1	-0.00008 EY 0.00050 EX	-0.00003 COMB1 0.00014 EX
STORY1	68	Min Value Min Case Max Value Max Case	-0.0086 EY 0.0538 EX	-0.0179 COMB1 0.0527 EX	-0.0103 COMB1 0.0020 EY	-0.00060 EY 0.00021 COMB1	-0.00004 EY 0.00050 EX	0.00000 COMB3 0.00014 EX
STORY1	72	Min Value Min Case Max Value Max Case	-0.0100 COMB1 0.0538 EX	-0.0179 COMB1 0.0536 EX	-0.0103 COMB1 0.0026 EY	-0.00061 EY 0.00021 COMB1	-0.00014 COMB1 0.00050 EX	-0.00010 EY 0.00014 EX
STORY1	74	Min Value Min Case Max Value Max Case	-0.0089 EY 0.0531 EX	-0.0179 COMB1 0.0579 EX	-0.0087 COMB1 0.0170 EX	-0.00059 EY 0.00023 COMB1	-0.00008 COMB1 0.00050 EX	-0.00007 EY 0.00014 EX
STORY1	75	Min Value Min Case Max Value Max Case	-0.0147 COMB1 0.0698 EX	-0.0126 COMB1 0.0448 EX	-0.0087 COMB1 0.0144 EX	-0.00050 EY 0.00015 COMB1	-0.00019 COMB1 0.00064 EX	-0.00008 EY 0.00010 EX
STORY1	76	Min Value Min Case Max Value Max Case	-0.0139 COMB1 0.0575 EX	-0.0151 COMB1 0.0534 EX	-0.0103 COMB1 0.0067 EX	-0.00050 EY 0.00020 COMB1	-0.00016 COMB1 0.00067 EX	-0.00007 EY 0.00014 EX

STORY1	80	Min Value Min Case Max Value Max Case	-0.0201 COMB1 0.0738 EX	-0.0017 EX 0.0421 EY	-0.0103 COMB1 0.0070 EX	-0.00040 EY 0.00000 COMB7	-0.00024 COMB1 0.00083 EX	-0.00013 EY 0.00000 COMB3
STORY1	82	Min Value Min Case Max Value Max Case	-0.0194 COMB1 0.0730 EX	0.0000 COMB5 0.0473 EY	-0.0100 EY 0.0143 EX	-0.00038 EY 0.00000 COMB7	-0.00024 COMB1 0.00084 EX	-0.00012 EY 0.00003 COMB1
STORY1	83	Min Value Min Case Max Value Max Case	-0.0166 COMB1 0.0633 EX	-0.0104 EX 0.0563 EY	-0.0089 COMB1 0.0212 EX	-0.00043 EY 0.00018 EX	-0.00020 COMB1 0.00077 EX	-0.00011 EY 0.00000 COMB5
STORY1	84	Min Value Min Case Max Value Max Case	-0.0187 COMB1 0.0738 EX	-0.0092 EX 0.0425 EY	-0.0104 COMB1 0.0038 EX	-0.00048 EY 0.00019 EX	-0.00024 COMB1 0.00075 EX	-0.00014 EY 0.00001 COMB1
STORY1	289	Min Value Min Case Max Value Max Case	-0.0002 COMB5 0.2544 EX	-0.0001 COMB1 0.2105 EY	0.0000 COMB7 0.0000 COMB7	0.00000 COMB7 0.00000 COMB7	0.00000 COMB7 0.00000 COMB7	0.00000 COMB5 0.00000 EX
BASE	1	Min Value Min Case Max Value Max Case	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	-0.00040 EY 0.00000 COMB3	-0.00001 COMB5 0.00072 EX	-0.00005 EX 0.00011 EY
BASE	3	Min Value Min Case Max Value Max Case	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	-0.00052 EY 0.00001 COMB5	-0.00003 COMB3 0.00030 EX	-0.00012 EX 0.00006 COMB1
BASE	4	Min Value Min Case Max Value Max Case	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	-0.00052 EY 0.00007 EX	-0.00024 EY 0.00030 EX	-0.00012 EX 0.00008 EY
BASE	5	Min Value Min Case Max Value Max Case	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	-0.00041 EY 0.00023 EX	-0.00024 COMB1 0.00072 EX	-0.00011 EY 0.00000 COMB5
BASE	6	Min Value Min Case Max Value Max Case	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	-0.00032 EY 0.00000 COMB7	-0.00027 COMB1 0.00082 EX	-0.00011 EY 0.00001 COMB1
BASE	7	Min Value Min Case Max Value Max Case	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	-0.00045 EY 0.00019 COMB1	-0.00019 COMB1 0.00062 EX	-0.00005 EY 0.00011 EX
BASE	8	Min Value Min Case Max Value Max Case	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	-0.00059 EY 0.00024 COMB1	-0.00012 COMB1 0.00043 EX	-0.00008 EY 0.00011 EX
BASE	9	Min Value Min Case Max Value Max Case	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	-0.00058 EY 0.00024 COMB1	-0.00007 EY 0.00043 EX	-0.00001 COMB1 0.00011 EX
BASE	10	Min Value Min Case Max Value Max Case	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	-0.00043 EY 0.00019 COMB1	-0.00021 EY 0.00062 EX	0.00000 COMB5 0.00011 EX
BASE	11	Min Value Min Case Max Value Max Case	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	0.0000 COMB7 0.0000 COMB7	-0.00030 EY 0.00005 EX	0.00000 COMB5 0.00082 EX	-0.00005 EX 0.00010 EY

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DISPLACEMENT ENVELOPES AT DIAPHRAGM CENTER OF MASS

STORY	DIAPHRAGM	POINT	X	Y	ITEM	UX	UY	RZ
STORY7	D7	283	0.000	0.000	Min Value Min Case Max Value Max Case	-0.0008 COMB5 2.5263 EX	-0.0141 COMB3 2.3742 EY	-0.00001 EX 0.00003 EY
STORY6	D6	284	0.000	0.000	Min Value Min Case Max Value Max Case	-0.0009 COMB5 2.6001 EX	-0.0117 COMB3 2.4329 EY	0.00000 EX 0.00003 EY
STORY5	D5	285	0.001	-0.001	Min Value Min Case Max Value Max Case	-0.0008 COMB5 2.3558 EX	-0.0087 COMB3 2.1634 EY	0.00000 COMB5 0.00002 EY
STORY4	D4	286	0.000	92.016	Min Value Min Case Max Value Max Case	-0.0008 COMB5 2.2055 EX	-0.0061 COMB3 1.9982 EY	0.00000 COMB5 0.00002 EY
STORY3	D3	287	0.000	176.718	Min Value Min Case Max Value Max Case	-0.0006 COMB5 1.5525 EX	-0.0023 COMB3 1.3131 EY	0.00000 COMB5 0.00002 EX
STORY2	D2	288	0.001	1118.043	Min Value Min Case Max Value Max Case	-0.0007 EY 1.2845 EX	-0.0001 COMB1 1.0171 EY	0.00000 COMB5 0.00002 EX
STORY1	D1	289	0.000	0.000	Min Value Min Case Max Value Max Case	-0.0002 COMB5 0.2544 EX	-0.0001 COMB1 0.2105 EY	0.00000 COMB5 0.00000 EX