

BAB V

KESIMPULAN DAN SARAN

5.1 Kesimpulan

Setelah melakukan analisis dan perancangan pada struktur Gedung Hotel M & M Yogyakarta, dapat diambil beberapa kesimpulan seperti yang tercantum di bawah ini.

1. Struktur atap dirancang dengan menggunakan struktur baja. Gording Profil C 150x65x20x3,2 mm. Batang tekan digunakan profil dobel siku dengan ukuran 2L50x50x8 mm dan batang tarik digunakan profil dobel siku dengan ukuran 2L50x50x8 mm (ditinjau pada gaya batang maksimum). Sambungan menggunakan 2 buah baut diameter $\frac{1}{2}$ " dengan pelat bihul tebal 6 mm.
2. Pelat tangga tipe digunakan tebal 120 mm dengan tulangan D16-125 pada tumpuan dan D12-200 pada lapangan. Balok bordes digunakan dimensi 300 mm x 500 mm dengan 3D16 untuk tulangan tarik dan 2D16 untuk tulangan tekan.
3. Pelat lantai dan atap digunakan tebal 100 mm. Pelat atap dua arah dengan tulangan P10-200 untuk arah X dan tulangan P10-200 untuk arah Y. Pelat lantai dua arah dengan tulangan P10-100 untuk arah X dan tulangan P10-100 untuk arah Y. Dan tulangan susut P8-150.
4. Dalam perencanaan balok induk sebesar 300 mm x 400 mm direncanakan menggunakan tulangan lentur 3D25 pada daerah sendi plastis dan 2D25 diluar sendi plastis. Tulangan geser menggunakan 2P10-75 pada daerah sendi plastis dan 2P10-100 diluar sendi plastis.

5. Dalam perencanaan kolom, dimensi yang digunakan untuk kolom disetiap lantai sebesar 400 mm x 600 mm direncanakan dengan tulangan longitudinal yang digunakan 12D25 dan transversal pada daerah $l_o = 4D$ 10-100 dan diluar $l_o = 2D$ 10-150
6. Dalam perencanaan pondasi, dimensi poer yang digunakan adalah 2 m x 2 m, dengan tebal poer 0,6 m. Tulangan yang digunakan untuk bagian poer adalah D19-100 untuk arah memanjang dan D16-150 arah lebar. Jumlah tiang yang digunakan 4 buah dengan tulangan 8D19 .

5.2 Saran

Saran-saran yang dapat diberikan penulis dari hasil Tugas Akhir yang disusun tercantum seperti di bawah ini.

1. Sebelum perencanaan struktur sebaiknya dilakukan estimasi awal pada ukuran elemen struktur, sehingga tidak terjadi penentuan elemen struktur berulang-ulang.
2. Untuk kemudahan dalam melaksanakan analisis struktur terutama dalam pembuatan model struktur gedung akan lebih mudah jika memakai program analisis struktur ETABS dan program-program bantu lainnya.

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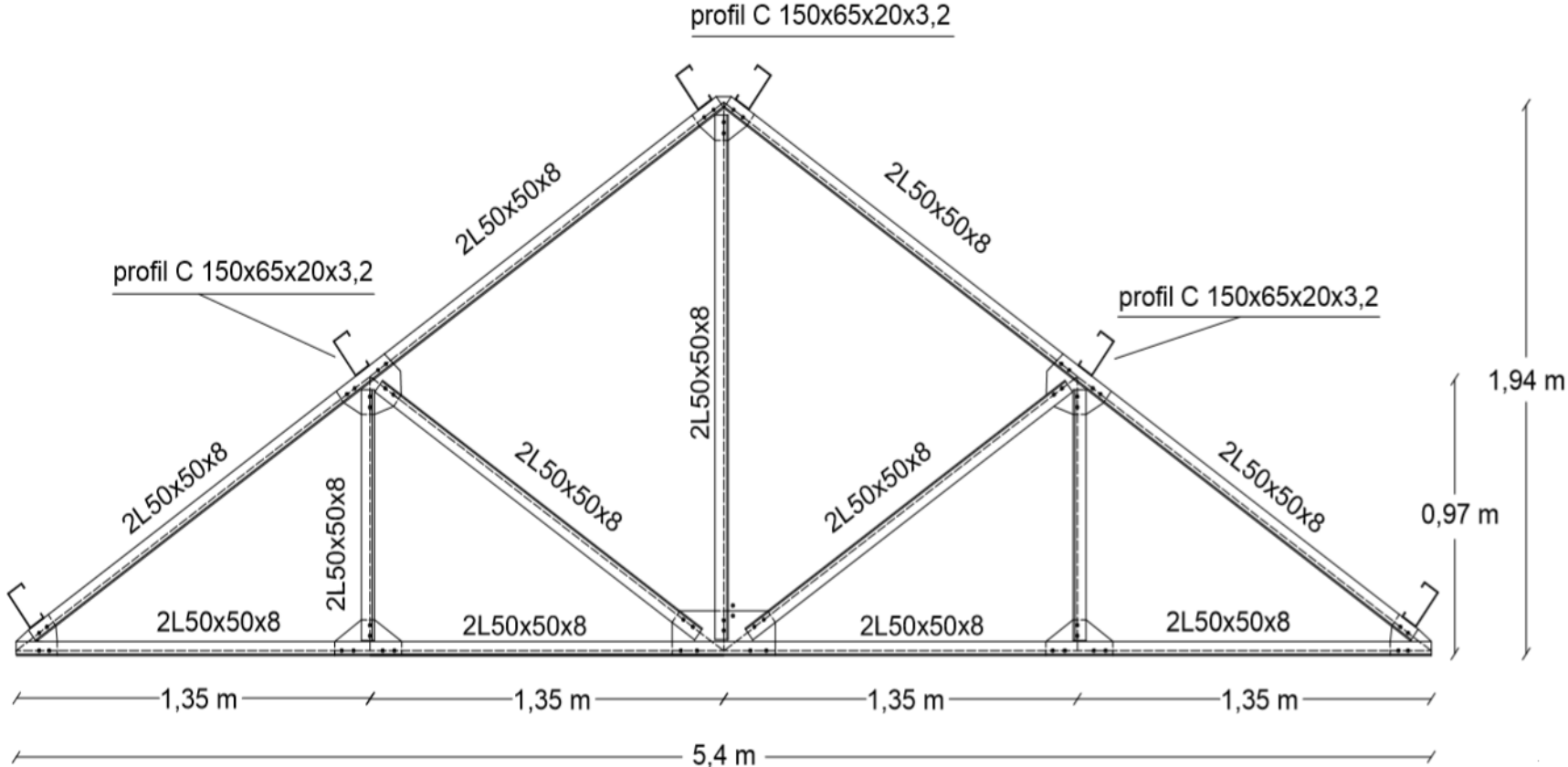
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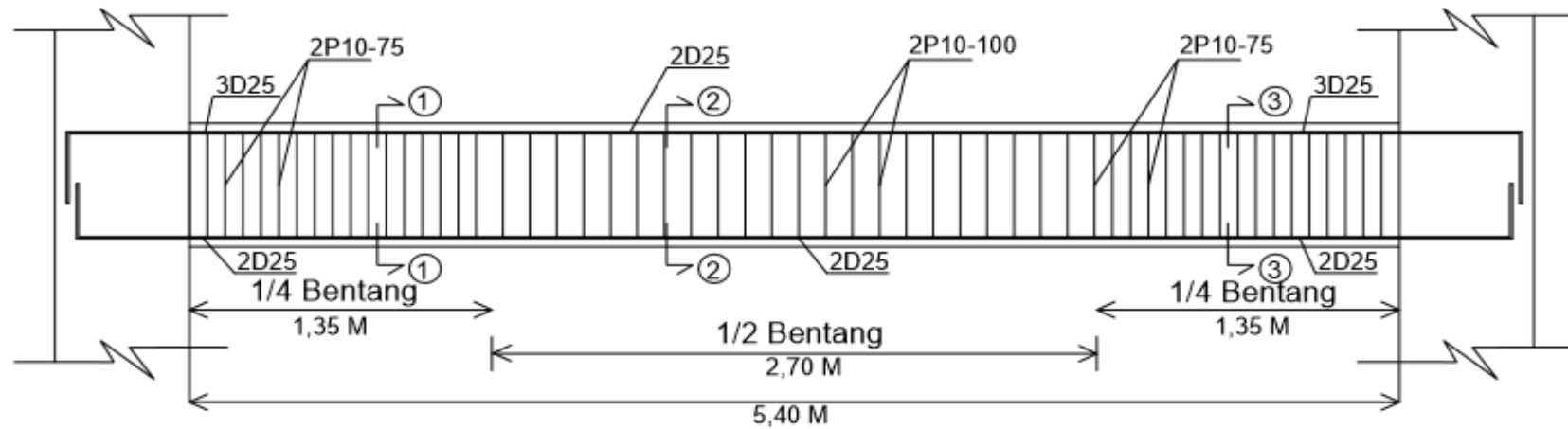
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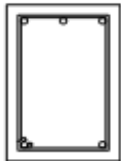
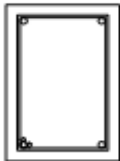
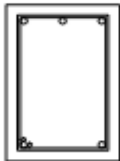


Gambar Kuda-Kuda

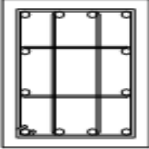
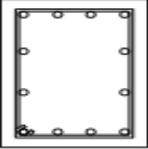
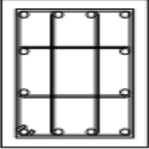


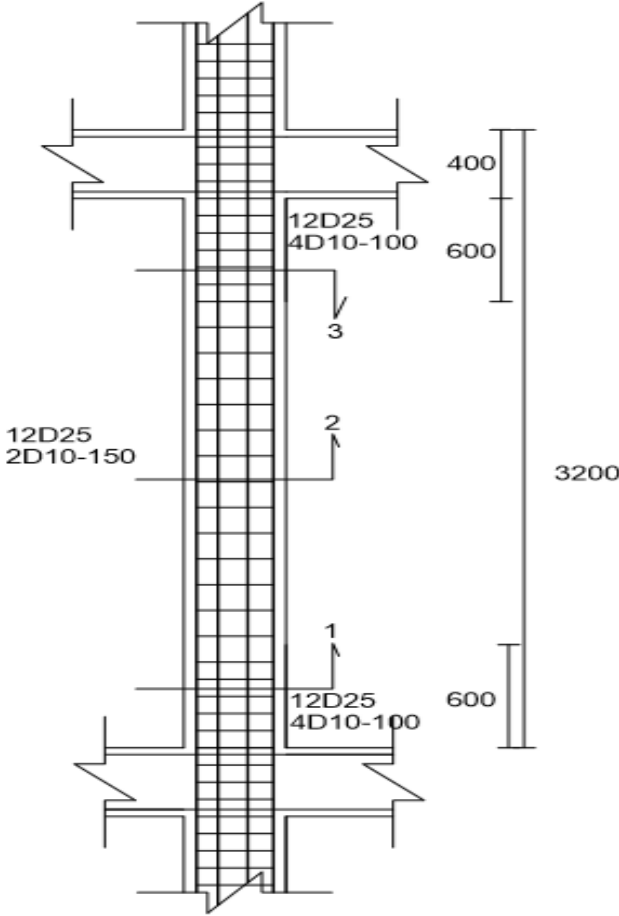
Detail Tulangan Balok



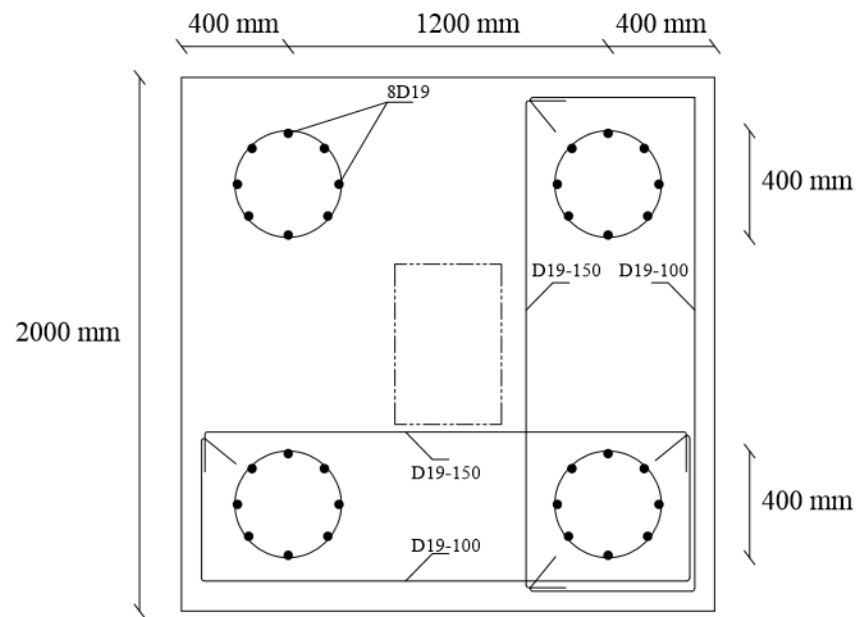
Balok	B109		
	Tump Kiri (Pot 3)	Tump Tengah (Pot 2)	Tump Kanan (Pot 1)
Penampang Balok			
Tul Atas	3D25	2D25	3D25
Tul Bawah	2D25	2D25	2D25
Tul Senggang	2P10-75	2P10-100	2P10-75

Detail Kolom

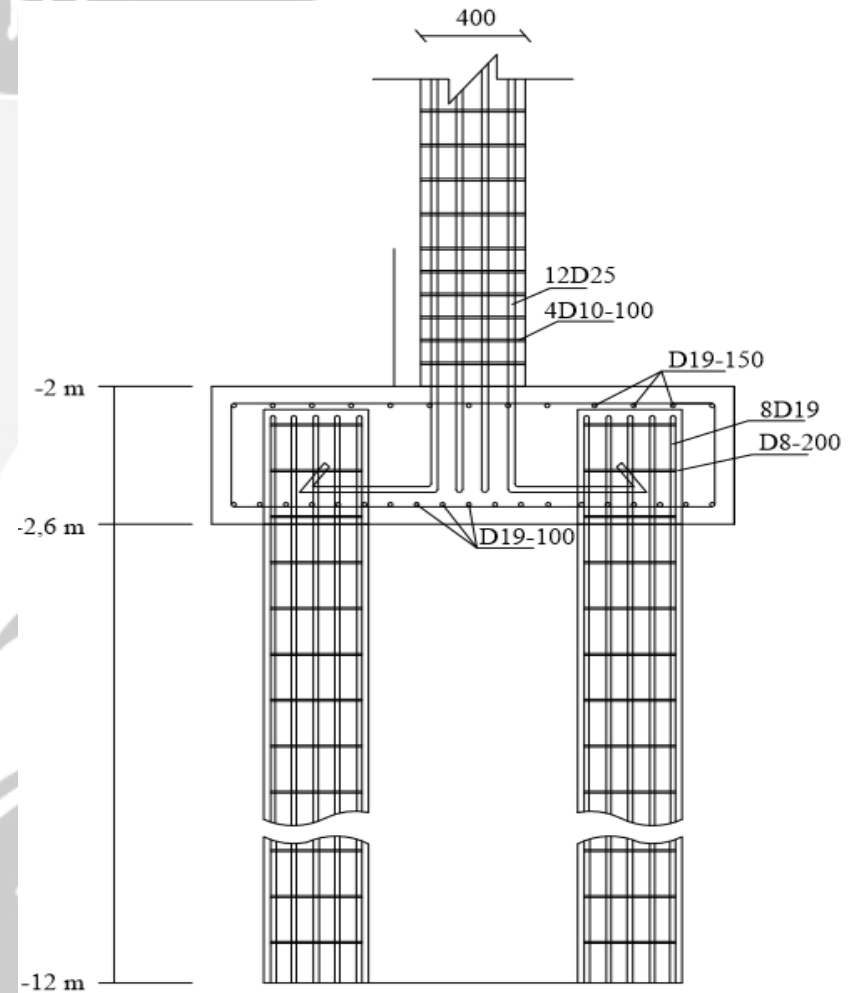
Kolom	C20		
	Pada Daerah Plastis (Pot 3)	Diluar Sendi Plastis (Pot 2)	Pada Daerah Plastis (Pot 1)
Penampang Kolom			
Tul Longitudinal	12D25	12D25	12D25
Tul Sengkang	4D10-100	2D10-150	4D10-100



Denah Pondasi Tiang Pancang

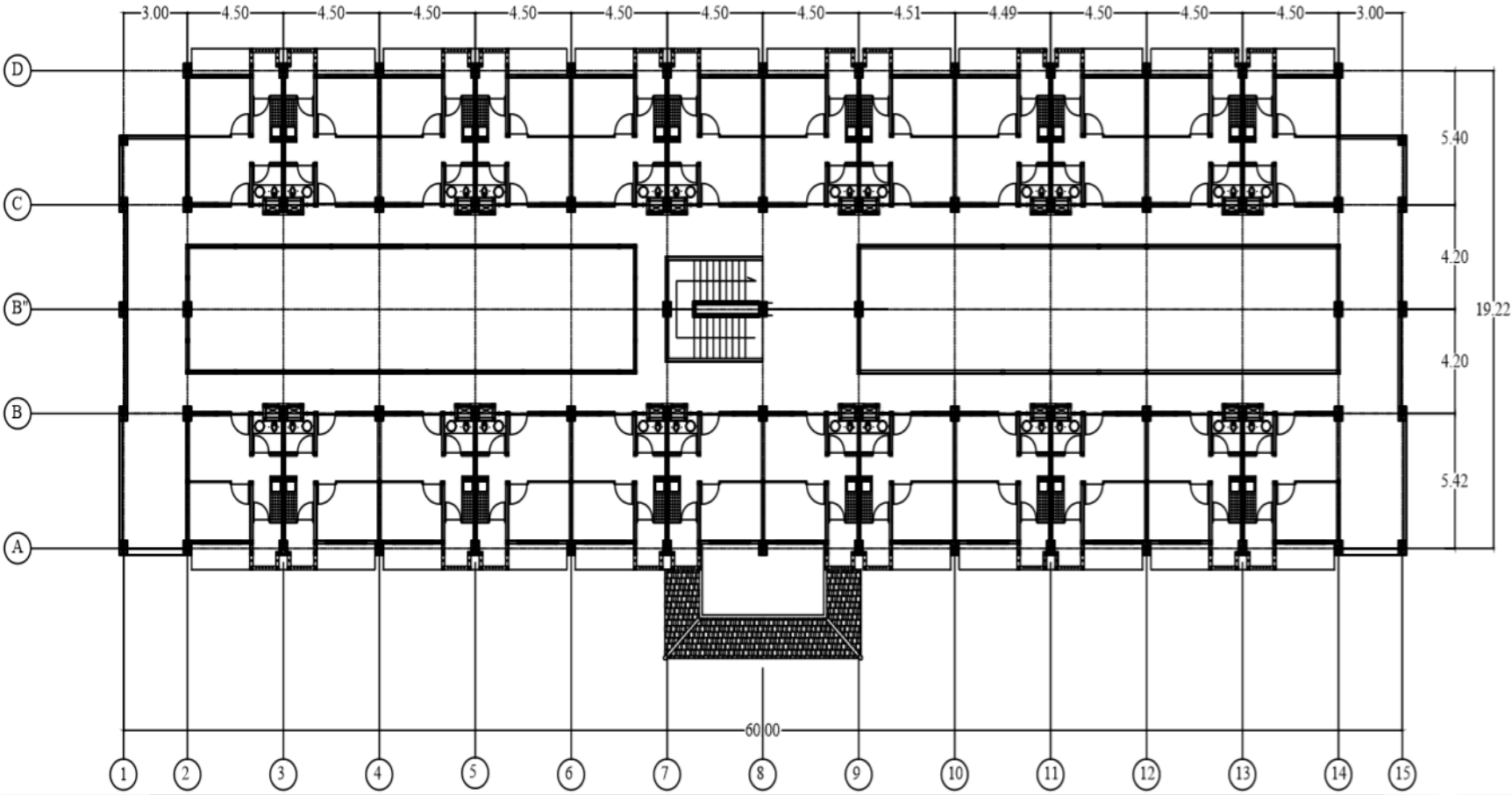


Detail Penulangan *Pile Cap*

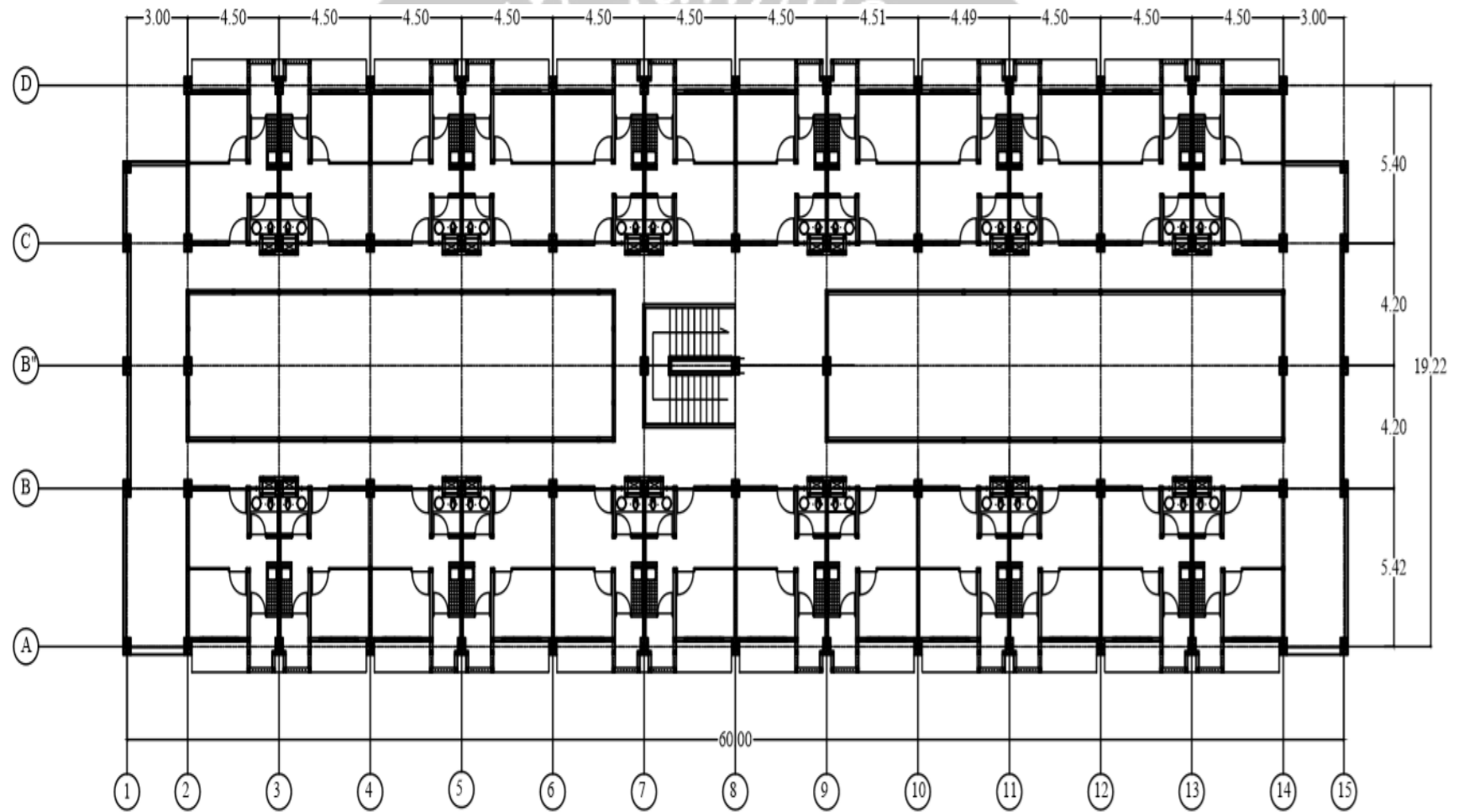


Detail Penulangan Tiang pancang

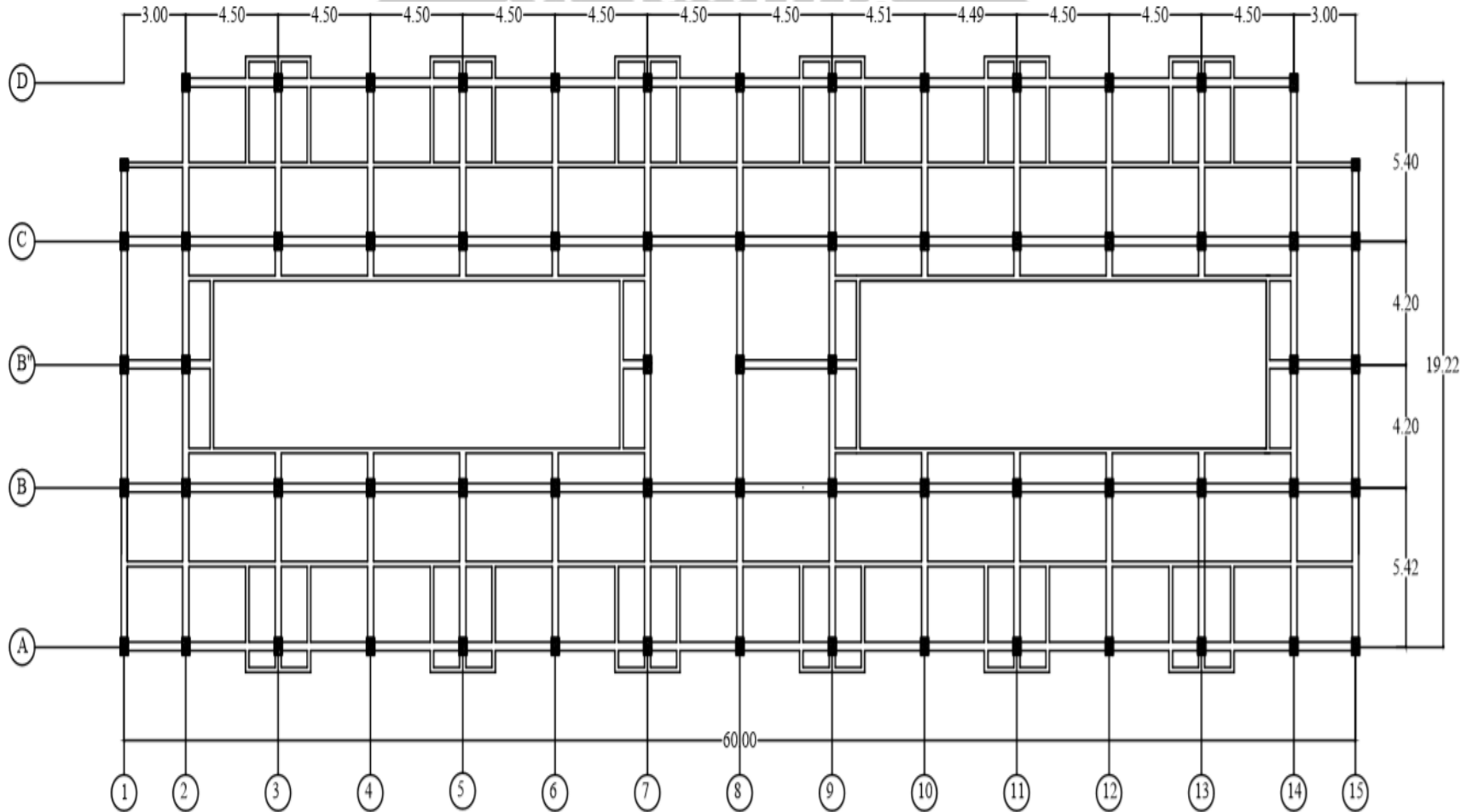
Denah Lantai lantai 1



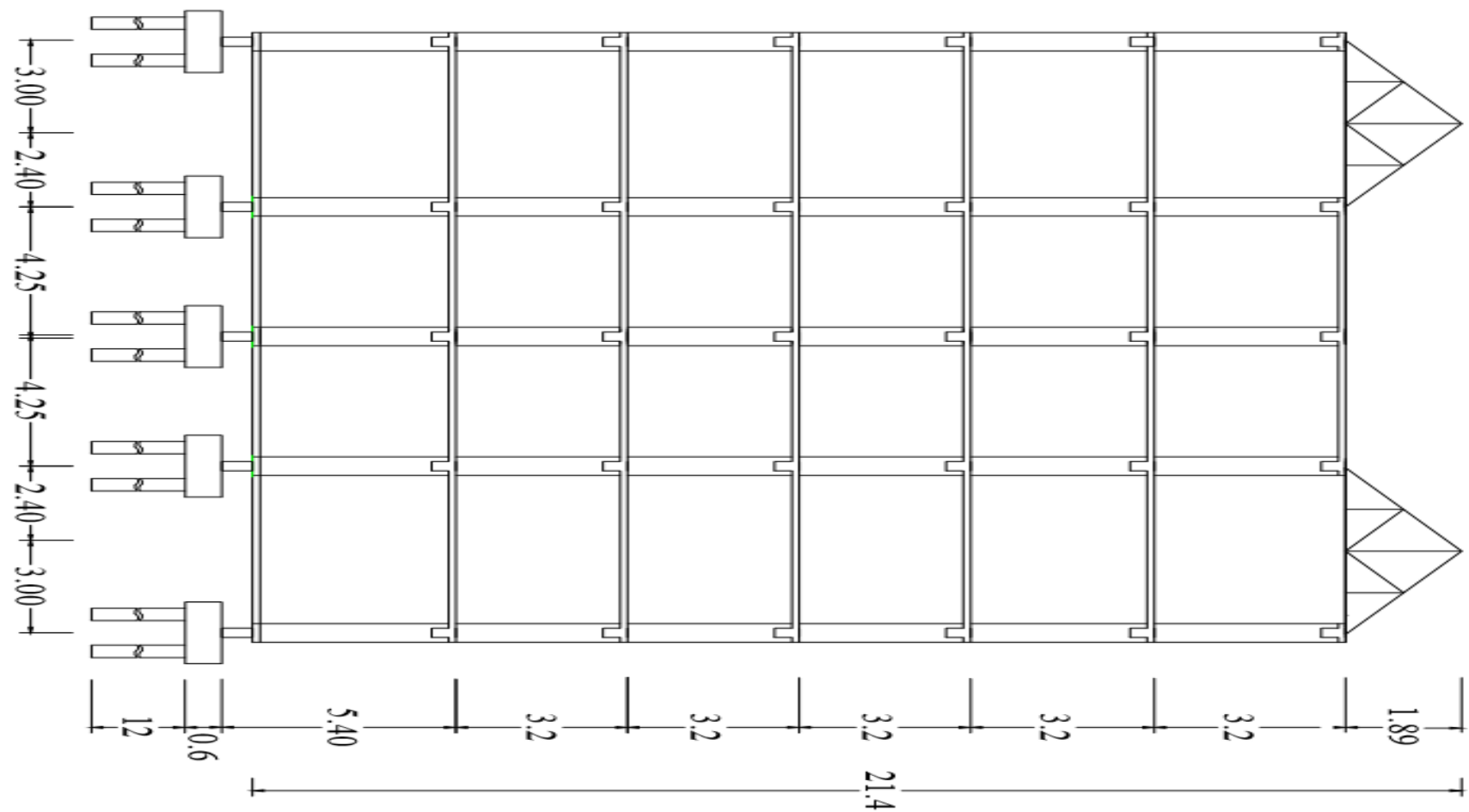
Denah Lantai 2-6



Denah Balok Lantai 2-6



GAMBAR PORTAL



LOADING COMBINATIONS

COMBO		CASE		SCALE
COMBO	TYPE	CASE	TYPE	FACTOR
COMB19	ENVE	COMB1	Combo	1.0000
	COMB2	Combo		1.0000
	COMB3	Combo		1.0000
	COMB4	Combo		1.0000
	COMB5	Combo		1.0000
	COMB6	Combo		1.0000
	COMB7	Combo		1.0000
	COMB8	Combo		1.0000
	COMB9	Combo		1.0000
	COMB10	Combo		1.0000
	COMB11	Combo		1.0000
	COMB12	Combo		1.0000
	COMB13	Combo		1.0000
	COMB14	Combo		1.0000
	COMB15	Combo		1.0000
	COMB16	Combo		1.0000
	COMB17	Combo		1.0000
	COMB18	Combo		1.0000

POINT DISPLACEMENTS

STORY	POINT	LOAD	UX	UY	UZ	RX	RY	RZ
STORY6	10	COMB19 Max	0.0315	0.0375	-0.0010	0.00067	0.00033	0.00002
STORY6	10	COMB19 Min	-0.0316	-0.0372	-0.0019	-0.00083	-0.00027	-0.00004
STORY6	11	COMB19 Max	0.0315	0.0375	-0.0017	0.00072	0.00044	0.00002
STORY6	11	COMB19 Min	-0.0316	-0.0372	-0.0029	-0.00077	-0.00012	-0.00004
STORY6	14	COMB19 Max	0.0315	0.0375	-0.0017	0.00107	0.00025	0.00002
STORY6	14	COMB19 Min	-0.0316	-0.0373	-0.0030	-0.00084	-0.00028	-0.00004
STORY6	57	COMB19 Max	0.0315	0.0375	-0.0014	0.00107	0.00027	0.00002
STORY6	57	COMB19 Min	-0.0316	-0.0374	-0.0025	-0.00084	-0.00026	-0.00004
STORY6	58	COMB19 Max	0.0315	0.0375	-0.0017	0.00108	0.00027	0.00002
STORY6	58	COMB19 Min	-0.0316	-0.0375	-0.0030	-0.00085	-0.00026	-0.00004
STORY5	735	COMB19 Max	0.0302	0.0344	0.0000	0.00000	0.00000	0.00002
STORY5	735	COMB19 Min	-0.0303	-0.0346	0.0000	0.00000	0.00000	-0.00003
STORY4	10	COMB19 Max	0.0273	0.0302	-0.0009	0.00140	0.00116	0.00002
STORY4	10	COMB19 Min	-0.0275	-0.0300	-0.0018	-0.00153	-0.00083	-0.00003
STORY4	3	COMB19 Max	0.0274	0.0302	-0.0011	0.00142	0.00119	0.00002
STORY4	3	COMB19 Min	-0.0275	-0.0300	-0.0022	-0.00136	-0.00082	-0.00003
STORY4	4	COMB19 Max	0.0275	0.0302	-0.0004	0.00138	0.00096	0.00002
STORY4	4	COMB19 Min	-0.0276	-0.0300	-0.0012	-0.00137	-0.00098	-0.00003
STORY4	5	COMB19 Max	0.0276	0.0302	-0.0003	0.00140	0.00104	0.00002
STORY4	5	COMB19 Min	-0.0276	-0.0300	-0.0012	-0.00133	-0.00095	-0.00003
STORY4	6	COMB19 Max	0.0277	0.0302	-0.0004	0.00109	0.00156	0.00002
STORY4	6	COMB19 Min	-0.0277	-0.0300	-0.0028	-0.00064	-0.00066	-0.00003
STORY4	11	COMB19 Max	0.0273	0.0302	-0.0016	0.00134	0.00090	0.00002
STORY4	11	COMB19 Min	-0.0275	-0.0300	-0.0027	-0.00163	-0.00089	-0.00003
STORY4	7	COMB19 Max	0.0274	0.0302	-0.0019	0.00152	0.00086	0.00002
STORY4	7	COMB19 Min	-0.0275	-0.0300	-0.0032	-0.00130	-0.00087	-0.00003
STORY4	12	COMB19 Max	0.0275	0.0302	-0.0007	0.00137	0.00099	0.00002
STORY4	12	COMB19 Min	-0.0276	-0.0300	-0.0017	-0.00138	-0.00095	-0.00003
STORY4	13	COMB19 Max	0.0276	0.0302	-0.0014	0.00133	0.00101	0.00002

STORY4	13	COMB19 Min	-0.0276	-0.0300	-0.0025	-0.00154	-0.00075	-0.00003
STORY4	14	COMB19 Max	0.0273	0.0302	-0.0016	0.00134	0.00089	0.00002
STORY4	14	COMB19 Min	-0.0275	-0.0301	-0.0028	-0.00164	-0.00093	-0.00003
STORY4	8	COMB19 Max	0.0274	0.0302	-0.0018	0.00152	0.00085	0.00002
STORY4	8	COMB19 Min	-0.0275	-0.0301	-0.0033	-0.00141	-0.00087	-0.00003
STORY4	15	COMB19 Max	0.0273	0.0302	-0.0004	0.00146	0.00056	0.00002
STORY4	15	COMB19 Min	-0.0275	-0.0301	-0.0038	-0.00143	-0.00046	-0.00003
STORY4	16	COMB19 Max	0.0275	0.0302	-0.0014	-0.00052	0.00209	0.00002
STORY4	16	COMB19 Min	-0.0276	-0.0301	-0.0081	-0.00389	-0.00029	-0.00003
STORY4	17	COMB19 Max	0.0278	0.0302	-0.0008	0.00158	0.00118	0.00002
STORY4	17	COMB19 Min	-0.0277	-0.0300	-0.0017	-0.00137	-0.00090	-0.00003
STORY2	78	COMB19 Max	0.0181	0.0181	-0.0003	-0.00021	0.00141	0.00001
STORY2	78	COMB19 Min	-0.0182	-0.0181	-0.0088	-0.00485	-0.00215	-0.00001
STORY2	79	COMB19 Max	0.0181	0.0181	0.0006	0.00216	0.00083	0.00001
STORY2	79	COMB19 Min	-0.0181	-0.0182	-0.0036	-0.00208	-0.00082	-0.00001
STORY2	80	COMB19 Max	0.0182	0.0181	-0.0014	0.00203	0.00180	0.00001
STORY2	80	COMB19 Min	-0.0182	-0.0182	-0.0022	-0.00202	-0.00179	-0.00001
STORY2	82	COMB19 Max	0.0182	0.0181	-0.0016	0.00205	0.00159	0.00001
STORY2	82	COMB19 Min	-0.0182	-0.0182	-0.0026	-0.00204	-0.00164	-0.00001
STORY2	83	COMB19 Max	0.0182	0.0181	-0.0007	0.00204	0.00156	0.00001
STORY2	83	COMB19 Min	-0.0182	-0.0182	-0.0014	-0.00202	-0.00168	-0.00001
STORY2	84	COMB19 Max	0.0181	0.0181	0.0006	0.00218	0.00082	0.00001
STORY2	84	COMB19 Min	-0.0181	-0.0182	-0.0036	-0.00208	-0.00083	-0.00001
STORY2	85	COMB19 Max	0.0183	0.0181	0.0006	0.00210	0.00082	0.00001
STORY2	85	COMB19 Min	-0.0183	-0.0182	-0.0036	-0.00215	-0.00083	-0.00001
STORY2	89	COMB19 Max	0.0182	0.0182	0.0000	0.00469	0.00234	0.00001
STORY2	89	COMB19 Min	-0.0182	-0.0183	-0.0085	0.00005	-0.00112	-0.00001
STORY2	90	COMB19 Max	0.0182	0.0182	0.0003	0.00579	0.00125	0.00001
STORY2	90	COMB19 Min	-0.0182	-0.0183	-0.0096	-0.00022	-0.00208	-0.00001
STORY2	91	COMB19 Max	0.0183	0.0182	0.0006	0.00211	0.00080	0.00001
STORY2	91	COMB19 Min	-0.0183	-0.0183	-0.0036	-0.00215	-0.00087	-0.00001
STORY2	92	COMB19 Max	0.0182	0.0182	0.0003	0.00599	0.00217	0.00001
STORY2	92	COMB19 Min	-0.0182	-0.0184	-0.0097	-0.00019	-0.00123	-0.00001
STORY2	94	COMB19 Max	0.0182	0.0183	0.0001	0.00445	0.00093	0.00001
STORY2	94	COMB19 Min	-0.0182	-0.0184	-0.0081	0.00001	-0.00265	-0.00001
STORY2	95	COMB19 Max	0.0183	0.0183	0.0006	0.00216	0.00069	0.00001
STORY2	95	COMB19 Min	-0.0183	-0.0184	-0.0036	-0.00215	-0.00098	-0.00001
STORY1	16	COMB19 Max	0.0119	0.0107	0.0007	0.00008	0.00287	0.00001
STORY1	16	COMB19 Min	-0.0119	-0.0107	-0.0075	-0.00452	-0.00126	-0.00001
STORY1	17	COMB19 Max	0.0120	0.0107	-0.0004	0.00252	0.00236	0.00001
STORY1	17	COMB19 Min	-0.0120	-0.0106	-0.0008	-0.00212	-0.00194	-0.00001
STORY1	18	COMB19 Max	0.0120	0.0107	-0.0007	0.00259	0.00186	0.00001
STORY1	18	COMB19 Min	-0.0120	-0.0107	-0.0013	-0.00207	-0.00188	-0.00001
STORY1	19	COMB19 Max	0.0119	0.0107	-0.0009	0.00213	0.00171	0.00001
STORY1	19	COMB19 Min	-0.0119	-0.0107	-0.0016	-0.00240	-0.00169	-0.00001
STORY1	20	COMB19 Max	0.0119	0.0107	0.0007	0.00444	0.00286	0.00001
STORY1	20	COMB19 Min	-0.0119	-0.0107	-0.0074	-0.00011	-0.00123	-0.00001
STORY1	21	COMB19 Max	0.0120	0.0107	0.0011	0.00238	0.00108	0.00001
STORY1	21	COMB19 Min	-0.0120	-0.0107	-0.0029	-0.00218	-0.00088	-0.00001
STORY1	22	COMB19 Max	0.0120	0.0107	-0.0006	0.00259	0.00189	0.00001

STORY1	22	COMB19 Min	-0.0120	-0.0107	-0.0011	-0.00208	-0.00188	-0.00001
STORY1	23	COMB19 Max	0.0119	0.0107	-0.0008	0.00226	0.00171	0.00001
STORY1	23	COMB19 Min	-0.0119	-0.0107	-0.0016	-0.00235	-0.00171	-0.00001
STORY1	24	COMB19 Max	0.0119	0.0107	-0.0009	0.00221	0.00170	0.00001
STORY1	24	COMB19 Min	-0.0119	-0.0107	-0.0016	-0.00239	-0.00171	-0.00001
STORY1	25	COMB19 Max	0.0119	0.0107	-0.0008	0.00220	0.00172	0.00001
STORY1	25	COMB19 Min	-0.0119	-0.0107	-0.0016	-0.00234	-0.00170	-0.00001
STORY1	26	COMB19 Max	0.0119	0.0107	-0.0012	0.00220	0.00171	0.00001
STORY1	26	COMB19 Min	-0.0119	-0.0107	-0.0020	-0.00221	-0.00170	-0.00001
STORY1	27	COMB19 Max	0.0119	0.0107	-0.0012	0.00221	0.00173	0.00001
STORY1	27	COMB19 Min	-0.0119	-0.0108	-0.0020	-0.00216	-0.00174	-0.00001
STORY1	28	COMB19 Max	0.0119	0.0107	-0.0009	0.00208	0.00172	0.00001
STORY1	28	COMB19 Min	-0.0119	-0.0108	-0.0016	-0.00240	-0.00173	-0.00001
STORY1	29	COMB19 Max	0.0119	0.0108	-0.0008	0.00221	0.00171	0.00001
STORY1	29	COMB19 Min	-0.0119	-0.0108	-0.0016	-0.00236	-0.00171	-0.00001
STORY1	30	COMB19 Max	0.0119	0.0108	-0.0009	0.00225	0.00171	0.00001
STORY1	30	COMB19 Min	-0.0119	-0.0109	-0.0016	-0.00239	-0.00170	-0.00001
STORY1	31	COMB19 Max	0.0119	0.0108	-0.0008	0.00229	0.00171	0.00001
STORY1	31	COMB19 Min	-0.0119	-0.0109	-0.0016	-0.00237	-0.00171	-0.00001
STORY1	129	COMB19 Max	0.0119	0.0107	-0.0048	0.00127	0.00157	0.00001
STORY1	129	COMB19 Min	-0.0119	-0.0107	-0.0089	-0.00121	-0.00176	-0.00001
STORY1	130	COMB19 Max	0.0119	0.0107	-0.0047	0.00127	0.00169	0.00001
STORY1	130	COMB19 Min	-0.0119	-0.0107	-0.0088	-0.00123	-0.00158	-0.00001
STORY1	131	COMB19 Max	0.0119	0.0107	-0.0049	0.00137	0.00154	0.00001
STORY1	131	COMB19 Min	-0.0119	-0.0107	-0.0091	-0.00114	-0.00169	-0.00001

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STORY DRIFTS

STORY	DIRECTION	LOAD	POINT	X	Y	Z	MAX DRIFT
STORY6	Y	COMB19	105	60.000	17.200	21.400	0.001044
STORY5	X	COMB19	201	54.000	20.800	18.200	0.000865
STORY5	Y	COMB19	105	60.000	17.200	18.200	0.001357
STORY4	X	COMB19	201	54.000	20.800	15.000	0.001301
STORY4	Y	COMB19	105	60.000	17.200	15.000	0.001780
STORY3	X	COMB19	201	54.000	20.800	11.800	0.001662
STORY3	Y	COMB19	105	60.000	17.200	11.800	0.002143
STORY2	X	COMB19	201	54.000	20.800	8.600	0.001985
STORY2	Y	COMB19	105	60.000	17.200	8.600	0.002362
STORY1	X	COMB19	44	57.000	20.000	5.400	0.002217
STORY1	Y	COMB19	105	60.000	17.200	5.400	0.002033

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DIAPHRAGM DRIFTS

STORY	DIAPHRAGM	DIRECTION	LOAD	POINT	X	Y	Z	MAX DRIFT
STORY6	D6	X	COMB19	44	57.000	20.000	21.400	0.000461
STORY6	D6	Y	COMB19	105	60.000	17.200	21.400	0.001044
STORY5	D5	X	COMB19	201	54.000	20.800	18.200	0.000865
STORY5	D5	Y	COMB19	105	60.000	17.200	18.200	0.001357
STORY4	D4	X	COMB19	201	54.000	20.800	15.000	0.001301
STORY4	D4	Y	COMB19	105	60.000	17.200	15.000	0.001780

STORY3	D3	X	COMB19	201	54.000	20.800	11.800	0.001662
STORY3	D3	Y	COMB19	105	60.000	17.200	11.800	0.002143
STORY2	D2	X	COMB19	201	54.000	20.800	8.600	0.001985
STORY2	D2	Y	COMB19	105	60.000	17.200	8.600	0.002362
STORY1	D1	X	COMB19	44	57.000	20.000	5.400	0.002217
STORY1	D1	Y	COMB19	105	60.000	17.200	5.400	0.002033

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SUPPORT REACTIONS

STORY	POINT	LOAD	FX	FY	FZ	MX	MY	MZ
BASE	10	COMB19 Max	26.82	28.18	1081.74	0.000	0.000	0.000
BASE	10	COMB19 Min	-20.40	-12.06	443.26	0.000	0.000	0.000
BASE	11	COMB19 Max	30.31	32.60	1579.80	0.000	0.000	0.000
BASE	11	COMB19 Min	-29.14	-9.87	888.32	0.000	0.000	0.000
BASE	14	COMB19 Max	26.43	32.83	1622.88	0.000	0.000	0.000
BASE	14	COMB19 Min	-27.07	-14.41	888.76	0.000	0.000	0.000
BASE	57	COMB19 Max	26.96	32.86	1384.75	0.000	0.000	0.000
BASE	57	COMB19 Min	-26.74	-14.58	754.51	0.000	0.000	0.000
BASE	58	COMB19 Max	26.99	44.50	1618.04	0.000	0.000	0.000
BASE	58	COMB19 Min	-27.04	-28.27	972.21	0.000	0.000	0.000
BASE	59	COMB19 Max	26.81	32.98	1389.48	0.000	0.000	0.000
BASE	59	COMB19 Min	-26.77	-14.58	757.78	0.000	0.000	0.000
BASE	60	COMB19 Max	26.96	30.82	1607.30	0.000	0.000	0.000
BASE	60	COMB19 Min	-27.00	-13.36	884.14	0.000	0.000	0.000
BASE	61	COMB19 Max	26.89	30.66	1394.14	0.000	0.000	0.000
BASE	61	COMB19 Min	-26.58	-12.78	769.48	0.000	0.000	0.000
BASE	62	COMB19 Max	26.86	31.06	1586.20	0.000	0.000	0.000
BASE	62	COMB19 Min	-26.79	-13.40	868.14	0.000	0.000	0.000
BASE	63	COMB19 Max	26.62	32.88	1395.19	0.000	0.000	0.000
BASE	63	COMB19 Min	-26.89	-14.50	760.54	0.000	0.000	0.000
BASE	64	COMB19 Max	27.04	33.30	1607.31	0.000	0.000	0.000
BASE	64	COMB19 Min	-26.93	-15.15	877.23	0.000	0.000	0.000
BASE	65	COMB19 Max	26.76	33.17	1388.24	0.000	0.000	0.000
BASE	65	COMB19 Min	-26.94	-14.71	753.59	0.000	0.000	0.000
BASE	66	COMB19 Max	27.05	33.53	1612.45	0.000	0.000	0.000
BASE	66	COMB19 Min	-26.44	-15.20	879.38	0.000	0.000	0.000
BASE	67	COMB19 Max	29.21	28.04	1412.47	0.000	0.000	0.000
BASE	67	COMB19 Min	-30.27	-14.30	775.79	0.000	0.000	0.000
BASE	68	COMB19 Max	20.48	29.12	1091.40	0.000	0.000	0.000
BASE	68	COMB19 Min	-26.72	-13.12	455.55	0.000	0.000	0.000
BASE	3	COMB19 Max	26.88	29.38	1316.19	0.000	0.000	0.000
BASE	3	COMB19 Min	-20.35	-39.84	594.49	0.000	0.000	0.000
BASE	7	COMB19 Max	30.89	27.25	1861.25	0.000	0.000	0.000
BASE	7	COMB19 Min	-30.58	-42.61	1097.70	0.000	0.000	0.000
BASE	8	COMB19 Max	28.67	17.16	1881.47	0.000	0.000	0.000
BASE	8	COMB19 Min	-28.88	-29.72	1009.10	0.000	0.000	0.000
BASE	9	COMB19 Max	29.11	17.08	1852.85	0.000	0.000	0.000
BASE	9	COMB19 Min	-28.99	-26.23	988.92	0.000	0.000	0.000
BASE	46	COMB19 Max	28.97	14.35	1889.13	0.000	0.000	0.000

BASE	46	COMB19 Min	-29.05	-24.79	1012.97	0.000	0.000	0.000
BASE	47	COMB19 Max	29.25	18.07	1856.96	0.000	0.000	0.000
BASE	47	COMB19 Min	-28.89	-28.17	999.24	0.000	0.000	0.000
BASE	48	COMB19 Max	28.68	33.68	2287.04	0.000	0.000	0.000
BASE	48	COMB19 Min	-28.46	-36.10	1377.73	0.000	0.000	0.000
BASE	49	COMB19 Max	28.26	34.97	2351.21	0.000	0.000	0.000
BASE	49	COMB19 Min	-28.52	-35.99	1403.91	0.000	0.000	0.000
BASE	50	COMB19 Max	28.15	30.76	1902.52	0.000	0.000	0.000
BASE	50	COMB19 Min	-28.31	-40.33	1069.38	0.000	0.000	0.000
BASE	51	COMB19 Max	29.10	18.35	1842.98	0.000	0.000	0.000
BASE	51	COMB19 Min	-29.07	-28.94	987.21	0.000	0.000	0.000
BASE	52	COMB19 Max	29.06	17.36	1890.20	0.000	0.000	0.000
BASE	52	COMB19 Min	-28.93	-27.85	1004.54	0.000	0.000	0.000
BASE	53	COMB19 Max	29.02	17.85	1851.35	0.000	0.000	0.000
BASE	53	COMB19 Min	-29.15	-27.06	985.86	0.000	0.000	0.000
BASE	54	COMB19 Max	28.80	18.24	1877.42	0.000	0.000	0.000
BASE	54	COMB19 Min	-28.65	-30.31	1004.45	0.000	0.000	0.000
BASE	55	COMB19 Max	30.50	33.33	1704.47	0.000	0.000	0.000
BASE	55	COMB19 Min	-30.62	-40.61	997.24	0.000	0.000	0.000
BASE	56	COMB19 Max	20.46	31.29	1309.68	0.000	0.000	0.000
BASE	56	COMB19 Min	-26.83	-41.10	602.62	0.000	0.000	0.000
BASE	4	COMB19 Max	7.86	35.17	705.00	0.000	0.000	0.000
BASE	4	COMB19 Min	-7.82	-34.41	238.41	0.000	0.000	0.000
BASE	12	COMB19 Max	9.20	35.78	926.84	0.000	0.000	0.000
BASE	12	COMB19 Min	-8.10	-35.34	384.11	0.000	0.000	0.000
BASE	80	COMB19 Max	5.03	35.55	1729.80	0.000	0.000	0.000
BASE	80	COMB19 Min	-4.92	-35.69	1106.05	0.000	0.000	0.000
BASE	82	COMB19 Max	8.10	34.93	2020.57	0.000	0.000	0.000
BASE	82	COMB19 Min	-8.02	-35.04	1225.22	0.000	0.000	0.000
BASE	83	COMB19 Max	7.51	36.02	1104.73	0.000	0.000	0.000
BASE	83	COMB19 Min	-8.61	-36.13	563.40	0.000	0.000	0.000
BASE	103	COMB19 Max	25.14	26.29	978.42	0.000	0.000	0.000
BASE	103	COMB19 Min	-25.16	-29.85	298.72	0.000	0.000	0.000
BASE	104	COMB19 Max	24.18	36.89	775.03	0.000	0.000	0.000
BASE	104	COMB19 Min	-25.48	-35.86	189.82	0.000	0.000	0.000
BASE	5	COMB19 Max	23.96	34.70	748.57	0.000	0.000	0.000
BASE	5	COMB19 Min	-23.69	-38.90	137.00	0.000	0.000	0.000
BASE	13	COMB19 Max	34.50	36.00	1456.17	0.000	0.000	0.000
BASE	13	COMB19 Min	-29.32	-29.70	750.19	0.000	0.000	0.000
BASE	19	COMB19 Max	28.87	29.91	1887.12	0.000	0.000	0.000
BASE	19	COMB19 Min	-28.94	-17.53	1015.45	0.000	0.000	0.000
BASE	23	COMB19 Max	29.08	26.21	1850.75	0.000	0.000	0.000
BASE	23	COMB19 Min	-29.05	-17.33	983.09	0.000	0.000	0.000
BASE	24	COMB19 Max	29.08	27.77	1908.40	0.000	0.000	0.000
BASE	24	COMB19 Min	-29.13	-17.00	1010.80	0.000	0.000	0.000
Summation	0, 0, Base	COMB19 MAX	1699.89	1769.78	103567.14	806732.606	-3160426.850	46454.358
Summation	0, 0, Base	COMB19 MIN	-1699.89	-1770.13	54327.15	468632.650	-1711979.503	-36383.267

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C O L U M N F O R C E S

STORY	COLUMN	LOAD	LOC	P	V2	V3	T	M2	M3
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STORY6	C1	COMB19 MAX						
		0.0000	-30.20	-6.47	-0.12	0.067	-10.127	-10.649
		1.4000	-22.94	-6.47	-0.12	0.067	15.259	1.215
		2.8000	-15.68	-6.47	-0.12	0.067	45.685	16.425
STORY6	C1	COMB19 MIN						
		0.0000	-75.35	-11.74	-21.73	-0.119	-20.158	-23.971
		1.4000	-65.67	-11.74	-21.73	-0.119	-14.962	-10.377
		2.8000	-55.99	-11.74	-21.73	-0.119	-14.799	-0.130
STORY6	C2	COMB19 MAX						
		0.0000	-38.83	0.72	-4.18	0.067	-22.893	-0.925
		1.4000	-31.58	0.72	-4.18	0.067	7.823	8.282
		2.8000	-24.32	0.72	-4.18	0.067	45.032	22.591
STORY6	C2	COMB19 MIN						
		0.0000	-82.31	-10.22	-28.69	-0.119	-39.730	-6.281
		1.4000	-72.63	-10.22	-28.69	-0.119	-23.863	-1.939
		2.8000	-62.95	-10.22	-28.69	-0.119	-15.069	-2.944
STORY6	C3	COMB19 MAX						
		0.0000	-41.07	5.14	-3.67	0.067	-11.424	2.565
		1.4000	-33.81	5.14	-3.67	0.067	-6.284	4.806
		2.8000	-26.55	5.14	-3.67	0.067	-1.145	8.215
STORY6	C3	COMB19 MIN						
		0.0000	-64.17	-2.53	-13.70	-0.119	-43.841	1.118
		1.4000	-52.88	-2.53	-13.70	-0.119	-24.667	-4.771
		2.8000	-41.59	-2.53	-13.70	-0.119	-5.493	-11.827
STORY6	C4	COMB19 MAX						
		0.0000	-42.02	3.61	-3.42	0.067	-10.944	0.616
		1.4000	-34.77	3.61	-3.42	0.067	-6.156	4.854
		2.8000	-27.51	3.61	-3.42	0.067	-1.369	9.551
STORY6	C4	COMB19 MIN						
		0.0000	-65.40	-3.38	-13.94	-0.119	-44.587	-0.246
		1.4000	-54.11	-3.38	-13.94	-0.119	-25.075	-4.816
		2.8000	-42.82	-3.38	-13.94	-0.119	-5.564	-9.844
STORY6	C5	COMB19 MAX						
		0.0000	-40.02	3.82	-3.52	0.067	-11.258	1.015
		1.4000	-32.76	3.82	-3.52	0.067	-6.333	4.938
		2.8000	-25.51	3.82	-3.52	0.067	-1.407	9.536
STORY6	C5	COMB19 MIN						
		0.0000	-62.30	-3.37	-13.38	-0.119	-42.839	-0.044
		1.4000	-51.01	-3.37	-13.38	-0.119	-24.104	-4.601
		2.8000	-39.72	-3.37	-13.38	-0.119	-5.369	-9.833
STORY6	C6	COMB19 MAX						
		0.0000	-42.04	3.74	-3.62	0.067	-11.579	0.873
		1.4000	-34.79	3.74	-3.62	0.067	-6.514	4.985
		2.8000	-27.53	3.74	-3.62	0.067	-1.449	9.524
STORY6	C6	COMB19 MIN						
		0.0000	-65.45	-3.29	-13.98	-0.119	-44.726	0.032
		1.4000	-54.16	-3.29	-13.98	-0.119	-25.151	-4.711
		2.8000	-42.87	-3.29	-13.98	-0.119	-5.575	-9.881
STORY6	C7	COMB19 MAX						
		0.0000	-40.07	3.84	-3.86	0.067	-12.351	1.119
		1.4000	-32.81	3.84	-3.86	0.067	-6.947	5.030
		2.8000	-25.56	3.84	-3.86	0.067	-1.543	9.573
STORY6	C7	COMB19 MIN						
		0.0000	-62.39	-3.33	-13.30	-0.119	-42.569	0.115
		1.4000	-51.10	-3.33	-13.30	-0.119	-23.954	-4.512
		2.8000	-39.81	-3.33	-13.30	-0.119	-5.339	-9.769
STORY6	C18	COMB19 MAX						
		0.0000	-72.28	7.41	-4.61	0.067	15.217	4.787
		1.4000	-65.03	7.41	-4.61	0.067	25.888	3.203
		2.8000	-57.77	7.41	-4.61	0.067	36.646	7.941
STORY6	C18	COMB19 MIN						
		0.0000	-113.38	-3.38	-11.25	-0.119	-4.466	-1.537
		1.4000	-102.09	-3.38	-11.25	-0.119	7.087	-5.593
		2.8000	-90.80	-3.38	-11.25	-0.119	18.539	-15.972
STORY6	C19	COMB19 MAX						

		0.0000	-72.43	4.24	-9.80	0.067	5.101	2.457
		1.4000	-65.18	4.24	-9.80	0.067	25.717	5.277
		2.8000	-57.92	4.24	-9.80	0.067	51.554	14.230
STORY6	C19	COMB19 MIN						
		0.0000	-112.80	-6.39	-23.76	-0.119	-19.377	-3.676
		1.4000	-101.51	-6.39	-23.76	-0.119	6.978	-3.482
		2.8000	-90.22	-6.39	-23.76	-0.119	30.739	-9.420
STORY6	C20	COMB19 MAX						
		0.0000	-72.15	6.98	-8.61	0.067	8.023	4.940
		1.4000	-64.89	6.98	-8.61	0.067	27.723	3.763
		2.8000	-57.63	6.98	-8.61	0.067	50.914	9.275
STORY6	C20	COMB19 MIN						
		0.0000	-112.24	-3.95	-21.59	-0.119	-14.012	-1.774
		1.4000	-100.95	-3.95	-21.59	-0.119	8.572	-4.838
		2.8000	-89.66	-3.95	-21.59	-0.119	30.218	-14.591
STORY6	C21	COMB19 MAX						
		0.0000	-72.89	3.05	-6.73	0.067	7.746	0.629
		1.4000	-65.63	3.05	-6.73	0.067	22.779	5.045
		2.8000	-58.37	3.05	-6.73	0.067	37.812	16.233
STORY6	C21	COMB19 MIN						
		0.0000	-114.27	-8.01	-14.43	-0.119	-8.995	-6.186
		1.4000	-102.99	-8.01	-14.43	-0.119	5.614	-3.666
		2.8000	-91.70	-8.01	-14.43	-0.119	20.223	-7.917
STORY6	C22	COMB19 MAX						
		0.0000	-60.03	3.71	-2.70	0.067	-3.650	1.154
		1.4000	-52.77	3.71	-2.70	0.067	17.188	4.121
		2.8000	-45.51	3.71	-2.70	0.067	43.929	12.678
STORY6	C22	COMB19 MIN						
		0.0000	-107.94	-6.16	-19.10	-0.119	-12.727	-4.556
		1.4000	-98.27	-6.16	-19.10	-0.119	-1.438	-4.107
		2.8000	-88.59	-6.16	-19.10	-0.119	2.344	-9.247
STORY6	C23	COMB19 MAX						
		0.0000	-71.40	5.84	-3.30	0.067	-6.295	4.207
		1.4000	-64.14	5.84	-3.30	0.067	16.071	4.252
		2.8000	-56.89	5.84	-3.30	0.067	48.675	9.341
STORY6	C23	COMB19 MIN						
		0.0000	-127.20	-3.75	-23.29	-0.119	-17.236	-1.149
		1.4000	-117.52	-3.75	-23.29	-0.119	-1.672	-4.131
		2.8000	-107.85	-3.75	-23.29	-0.119	2.950	-12.156
STORY6	C24	COMB19 MAX						
		0.0000	-62.47	5.76	2.66	0.067	15.072	4.030
		1.4000	-55.22	5.76	2.66	0.067	26.678	4.545
		2.8000	-47.96	5.76	2.66	0.067	45.455	10.244
STORY6	C24	COMB19 MIN						
		0.0000	-111.72	-4.15	-13.41	-0.119	2.879	-1.366
		1.4000	-102.04	-4.15	-13.41	-0.119	6.330	-4.138
		2.8000	-92.36	-4.15	-13.41	-0.119	2.610	-12.096
STORY6	C25	COMB19 MAX						
		0.0000	-71.55	6.55	-6.53	0.067	8.503	4.362
		1.4000	-64.30	6.55	-6.53	0.067	23.183	3.764
		2.8000	-57.04	6.55	-6.53	0.067	37.968	9.393
STORY6	C25	COMB19 MIN						
		0.0000	-112.16	-4.02	-13.73	-0.119	-6.969	-1.868
		1.4000	-100.87	-4.02	-13.73	-0.119	6.726	-4.814
		2.8000	-89.58	-4.02	-13.73	-0.119	20.302	-13.986
STORY6	C26	COMB19 MAX						
		0.0000	-72.20	4.32	-9.14	0.067	6.362	2.422
		1.4000	-64.94	4.32	-9.14	0.067	26.720	5.069
		2.8000	-57.68	4.32	-9.14	0.067	50.870	13.872
STORY6	C26	COMB19 MIN						
		0.0000	-112.31	-6.29	-21.55	-0.119	-13.769	-3.734
		1.4000	-101.03	-6.29	-21.55	-0.119	8.849	-3.623
		2.8000	-89.74	-6.29	-21.55	-0.119	30.321	-9.668
STORY6	C27	COMB19 MAX						
		0.0000	-72.46	7.08	-10.12	0.067	3.963	4.973
		1.4000	-65.20	7.08	-10.12	0.067	25.054	3.680
		2.8000	-57.94	7.08	-10.12	0.067	51.505	9.124

STORY6	C27	COMB19 MIN						
		0.0000	-112.86	-3.90	-23.19	-0.119	-17.619	-1.795
		1.4000	-101.57	-3.90	-23.19	-0.119	7.921	-4.950
		2.8000	-90.28	-3.90	-23.19	-0.119	30.890	-14.843
STORY6	C29	COMB19 MAX						
		0.0000	-71.61	4.42	-5.39	0.067	12.639	3.506
		1.4000	-64.35	4.42	-5.39	0.067	24.528	5.893
		2.8000	-57.09	4.42	-5.39	0.067	36.536	14.710
STORY6	C29	COMB19 MIN						
		0.0000	-112.63	-6.31	-10.99	-0.119	-3.093	-3.452
		1.4000	-101.34	-6.31	-10.99	-0.119	7.954	-3.187
		2.8000	-90.05	-6.31	-10.99	-0.119	18.864	-9.352
STORY6	C30	COMB19 MAX						
		0.0000	-60.82	8.50	19.23	0.067	25.979	4.431
		1.4000	-53.57	8.50	19.23	0.067	19.140	0.074
		2.8000	-46.31	8.50	19.23	0.067	29.710	0.150
STORY6	C30	COMB19 MIN						
		0.0000	-100.43	-0.05	-9.40	-0.119	2.443	-0.002
		1.4000	-90.31	-0.05	-9.40	-0.119	-4.478	-7.473
		2.8000	-80.63	-0.05	-9.40	-0.119	-28.860	-19.377
STORY6	C31	COMB19 MAX						
		0.0000	-65.73	8.14	25.34	0.067	23.893	23.277
		1.4000	-58.48	8.14	25.34	0.067	8.950	11.925
		2.8000	-51.22	8.14	25.34	0.067	15.564	1.400
STORY6	C31	COMB19 MIN						
		0.0000	-108.42	3.45	-4.72	-0.119	2.337	7.203
		1.4000	-97.13	3.45	-4.72	-0.119	-11.587	2.342
		2.8000	-87.17	3.45	-4.72	-0.119	-47.067	-3.346
STORY6	C32	COMB19 MAX						
		0.0000	-41.93	0.62	18.13	0.067	13.996	5.235
		1.4000	-34.67	0.62	18.13	0.067	10.609	5.440
		2.8000	-27.42	0.62	18.13	0.067	27.586	5.741
STORY6	C32	COMB19 MIN						
		0.0000	-70.79	-0.39	-12.13	-0.119	-6.367	-4.087
		1.4000	-59.50	-0.39	-12.13	-0.119	-11.382	-4.607
		2.8000	-49.62	-0.39	-12.13	-0.119	-36.759	-5.224
STORY5	C1	COMB19 MAX						
		0.0000	-130.50	-6.50	-3.60	0.039	-4.922	-16.006
		1.4000	-123.24	-6.50	-3.60	0.039	12.716	6.374
		2.8000	-115.98	-6.50	-3.60	0.039	33.271	40.807
STORY5	C1	COMB19 MIN						
		0.0000	-240.86	-24.69	-15.20	-0.102	-24.779	-29.268
		1.4000	-229.57	-24.69	-15.20	-0.102	-16.092	-7.041
		2.8000	-218.28	-24.69	-15.20	-0.102	-10.354	2.197
STORY5	C2	COMB19 MAX						
		0.0000	-204.11	13.10	-16.59	0.039	-24.374	12.397
		1.4000	-196.85	13.10	-16.59	0.039	13.007	4.955
		2.8000	-189.59	13.10	-16.59	0.039	64.751	20.251
STORY5	C2	COMB19 MIN						
		0.0000	-348.90	-11.10	-37.36	-0.102	-53.780	-10.829
		1.4000	-337.61	-11.10	-37.36	-0.102	-15.610	-6.193
		2.8000	-326.32	-11.10	-37.36	-0.102	8.155	-24.296
STORY5	C3	COMB19 MAX						
		0.0000	-203.90	11.31	-14.75	0.039	-31.503	10.281
		1.4000	-196.64	11.31	-14.75	0.039	16.516	6.233
		2.8000	-189.38	11.31	-14.75	0.039	86.317	20.139
STORY5	C3	COMB19 MIN						
		0.0000	-341.85	-9.99	-49.86	-0.102	-61.966	-7.845
		1.4000	-332.18	-9.99	-49.86	-0.102	-15.636	-5.644
		2.8000	-322.50	-9.99	-49.86	-0.102	5.021	-21.399
STORY5	C4	COMB19 MAX						
		0.0000	-178.36	9.81	-15.94	0.039	-29.925	7.866
		1.4000	-171.11	9.81	-15.94	0.039	16.768	6.102
		2.8000	-163.85	9.81	-15.94	0.039	85.227	20.960
STORY5	C4	COMB19 MIN						
		0.0000	-296.12	-10.61	-48.90	-0.102	-61.984	-8.757
		1.4000	-286.44	-10.61	-48.90	-0.102	-15.662	-5.870

		2.8000	-276.77	-10.61	-48.90	-0.102	6.657	-19.606
STORY5	C5	COMB19 MAX						
		0.0000	-201.24	10.42	-14.20	0.039	-30.711	8.850
		1.4000	-193.99	10.42	-14.20	0.039	16.563	6.060
		2.8000	-186.73	10.42	-14.20	0.039	85.110	20.743
STORY5	C5	COMB19 MIN						
		0.0000	-338.37	-10.49	-48.96	-0.102	-60.436	-8.691
		1.4000	-328.70	-10.49	-48.96	-0.102	-15.416	-5.803
		2.8000	-319.02	-10.49	-48.96	-0.102	4.461	-20.386
STORY5	C19	COMB19 MAX						
		0.0000	-248.98	13.80	21.60	0.039	20.059	14.041
		1.4000	-241.72	13.80	21.60	0.039	12.949	5.105
		2.8000	-234.46	13.80	21.60	0.039	11.087	24.209
STORY5	C19	COMB19 MIN						
		0.0000	-432.65	-13.70	1.33	-0.102	3.832	-14.161
		1.4000	-422.97	-13.70	1.33	-0.102	-21.160	-5.367
		2.8000	-413.29	-13.70	1.33	-0.102	-51.400	-24.614
STORY5	C20	COMB19 MAX						
		0.0000	-252.36	13.52	27.05	0.039	27.434	14.112
		1.4000	-245.10	13.52	27.05	0.039	13.006	5.596
		2.8000	-237.85	13.52	27.05	0.039	6.384	24.966
STORY5	C20	COMB19 MIN						
		0.0000	-439.40	-13.87	4.73	-0.102	9.058	-13.992
		1.4000	-429.72	-13.87	4.73	-0.102	-21.003	-4.983
		2.8000	-420.05	-13.87	4.73	-0.102	-58.879	-23.860
STORY5	C21	COMB19 MAX						
		0.0000	-252.64	12.49	26.26	0.039	21.735	12.117
		1.4000	-245.38	12.49	26.26	0.039	13.372	5.013
		2.8000	-238.13	12.49	26.26	0.039	12.688	26.290
STORY5	C21	COMB19 MIN						
		0.0000	-434.68	-15.24	0.49	-0.102	9.648	-16.379
		1.4000	-425.00	-15.24	0.49	-0.102	-19.445	-5.430
		2.8000	-415.33	-15.24	0.49	-0.102	-56.203	-22.864
STORY5	C22	COMB19 MAX						
		0.0000	-304.86	12.40	21.99	0.039	14.224	12.114
		1.4000	-297.60	12.40	21.99	0.039	12.077	5.260
		2.8000	-290.34	12.40	21.99	0.039	33.987	26.708
STORY5	C22	COMB19 MIN						
		0.0000	-509.39	-15.34	-15.65	-0.102	-9.832	-16.232
		1.4000	-499.71	-15.34	-15.65	-0.102	-16.556	-5.266
		2.8000	-490.03	-15.34	-15.65	-0.102	-47.336	-22.601
STORY4	C1	COMB19 MAX						
		0.0000	-224.75	-0.84	2.56	0.053	-11.204	-8.077
		1.4000	-217.49	-0.84	2.56	0.053	14.003	3.923
		2.8000	-210.23	-0.84	2.56	0.053	42.535	41.253
STORY4	C1	COMB19 MIN						
		0.0000	-414.14	-27.02	-20.67	-0.159	-18.533	-34.391
		1.4000	-402.85	-27.02	-20.67	-0.159	-16.588	-7.388
		2.8000	-391.56	-27.02	-20.67	-0.159	-19.794	-5.715
STORY4	C2	COMB19 MAX						
		0.0000	-365.37	18.93	-8.07	0.053	-29.132	22.829
		1.4000	-358.12	18.93	-8.07	0.053	12.147	4.423
		2.8000	-350.86	18.93	-8.07	0.053	65.888	31.449
STORY4	C2	COMB19 MIN						
		0.0000	-619.43	-19.34	-39.41	-0.159	-46.994	-22.693
		1.4000	-608.14	-19.34	-39.41	-0.159	-19.254	-3.712
		2.8000	-596.85	-19.34	-39.41	-0.159	-6.547	-30.164
STORY4	C3	COMB19 MAX						
		0.0000	-363.57	17.07	-7.31	0.053	-27.735	19.437
		1.4000	-356.31	17.07	-7.31	0.053	10.785	4.569
		2.8000	-349.06	17.07	-7.31	0.053	70.491	26.371
STORY4	C3	COMB19 MIN						
		0.0000	-629.84	-15.59	-44.19	-0.159	-56.140	-17.283
		1.4000	-620.16	-15.59	-44.19	-0.159	-19.665	-4.485
		2.8000	-610.48	-15.59	-44.19	-0.159	-7.288	-28.357
STORY4	C4	COMB19 MAX						

		0.0000	-311.28	15.42	-8.61	0.053	-29.871	16.960
		1.4000	-304.02	15.42	-8.61	0.053	11.117	4.605
		2.8000	-296.76	15.42	-8.61	0.053	69.104	27.208
STORY4	C4	COMB19 MIN						
		0.0000	-535.23	-16.15	-42.96	-0.159	-56.131	-18.002
		1.4000	-525.55	-16.15	-42.96	-0.159	-19.970	-4.624
		2.8000	-515.88	-16.15	-42.96	-0.159	-5.780	-26.203
STORY4	C5	COMB19 MAX						
		0.0000	-359.01	16.15	-7.25	0.053	-28.114	18.118
		1.4000	-351.75	16.15	-7.25	0.053	11.404	4.543
		2.8000	-344.49	16.15	-7.25	0.053	69.805	27.284
STORY4	C5	COMB19 MIN						
		0.0000	-623.78	-16.24	-43.21	-0.159	-54.980	-18.200
		1.4000	-614.10	-16.24	-43.21	-0.159	-20.084	-4.493
		2.8000	-604.43	-16.24	-43.21	-0.159	-7.853	-27.102
STORY4	C6	COMB19 MAX						
		0.0000	-312.46	15.62	-8.94	0.053	-30.423	17.267
		1.4000	-305.20	15.62	-8.94	0.053	11.227	4.631
		2.8000	-297.94	15.62	-8.94	0.053	70.193	26.814
STORY4	C6	COMB19 MIN						
		0.0000	-537.12	-15.84	-43.65	-0.159	-57.129	-17.551
		1.4000	-527.44	-15.84	-43.65	-0.159	-20.054	-4.601
		2.8000	-517.76	-15.84	-43.65	-0.159	-5.398	-26.469
STORY4	C7	COMB19 MAX						
		0.0000	-359.31	16.22	-7.04	0.053	-27.283	18.256
		1.4000	-352.05	16.22	-7.04	0.053	11.033	4.567
		2.8000	-344.79	16.22	-7.04	0.053	71.334	27.121
STORY4	C7	COMB19 MIN						
		0.0000	-624.63	-16.11	-44.56	-0.159	-55.774	-18.013
		1.4000	-614.95	-16.11	-44.56	-0.159	-19.535	-4.477
		2.8000	-605.27	-16.11	-44.56	-0.159	-7.603	-27.184
STORY4	C8	COMB19 MAX						
		0.0000	-315.74	14.96	-9.29	0.053	-30.835	16.205
		1.4000	-308.49	14.96	-9.29	0.053	11.255	4.572
		2.8000	-301.23	14.96	-9.29	0.053	71.958	27.428
STORY4	C8	COMB19 MIN						
		0.0000	-542.59	-16.35	-44.90	-0.159	-58.391	-18.353
		1.4000	-532.91	-16.35	-44.90	-0.159	-19.983	-4.777
		2.8000	-523.23	-16.35	-44.90	-0.159	-4.814	-25.689
STORY4	C9	COMB19 MAX						
		0.0000	-351.56	15.57	-7.21	0.053	-27.817	17.177
		1.4000	-344.30	15.57	-7.21	0.053	11.032	4.615
		2.8000	-337.05	15.57	-7.21	0.053	71.990	27.290
STORY4	C9	COMB19 MIN						
		0.0000	-614.29	-16.20	-45.07	-0.159	-56.742	-18.059
		1.4000	-604.61	-16.20	-45.07	-0.159	-19.889	-4.625
		2.8000	-594.93	-16.20	-45.07	-0.159	-7.660	-26.426
STORY4	C10	COMB19 MAX						
		0.0000	-313.96	16.02	-8.62	0.053	-30.021	17.935
		1.4000	-306.71	16.02	-8.62	0.053	11.551	4.800
		2.8000	-299.45	16.02	-8.62	0.053	71.100	26.181
STORY4	C10	COMB19 MIN						
		0.0000	-539.43	-15.31	-44.01	-0.159	-56.868	-16.695
		1.4000	-529.75	-15.31	-44.01	-0.159	-20.019	-4.553
		2.8000	-520.08	-15.31	-44.01	-0.159	-5.895	-26.927
STORY4	C11	COMB19 MAX						
		0.0000	-358.57	15.97	-6.52	0.053	-26.772	17.843
		1.4000	-351.31	15.97	-6.52	0.053	11.497	4.500
		2.8000	-344.05	15.97	-6.52	0.053	71.424	27.595
STORY4	C11	COMB19 MIN						
		0.0000	-623.62	-16.50	-44.24	-0.159	-55.009	-18.595
		1.4000	-613.95	-16.50	-44.24	-0.159	-19.694	-4.521
		2.8000	-604.27	-16.50	-44.24	-0.159	-8.558	-26.884
STORY4	C12	COMB19 MAX						
		0.0000	-311.27	15.85	-8.37	0.053	-29.800	17.625
		1.4000	-304.01	15.85	-8.37	0.053	11.764	4.663
		2.8000	-296.75	15.85	-8.37	0.053	71.266	26.509

STORY4	C12	COMB19 MIN					
		0.0000	-535.73	-15.62	-43.95	-0.159	-56.457
		1.4000	-526.06	-15.62	-43.95	-0.159	-20.103
		2.8000	-516.38	-15.62	-43.95	-0.159	-6.354
STORY4	C13	COMB19 MAX					
		0.0000	-355.79	15.65	-6.91	0.053	-27.500
		1.4000	-348.53	15.65	-6.91	0.053	11.636
		2.8000	-341.27	15.65	-6.91	0.053	72.995
STORY4	C13	COMB19 MIN					
		0.0000	-620.04	-17.04	-45.26	-0.159	-56.326
		1.4000	-610.36	-17.04	-45.26	-0.159	-19.847
		2.8000	-600.69	-17.04	-45.26	-0.159	-8.166
STORY4	C14	COMB19 MAX					
		0.0000	-334.54	18.59	-2.48	0.053	-20.821
		1.4000	-327.28	18.59	-2.48	0.053	13.500
		2.8000	-320.03	18.59	-2.48	0.053	58.404
STORY4	C14	COMB19 MIN					
		0.0000	-565.99	-19.54	-32.85	-0.159	-36.010
		1.4000	-554.70	-19.54	-32.85	-0.159	-18.447
		2.8000	-543.41	-19.54	-32.85	-0.159	-13.889
STORY4	C15	COMB19 MAX					
		0.0000	-239.97	25.87	2.34	0.053	-11.599
		1.4000	-232.71	25.87	2.34	0.053	15.059
		2.8000	-225.45	25.87	2.34	0.053	45.559
STORY4	C15	COMB19 MIN					
		0.0000	-433.25	0.08	-21.92	-0.159	-19.096
		1.4000	-421.96	0.08	-21.92	-0.159	-16.420
		2.8000	-410.67	0.08	-21.92	-0.159	-19.503
STORY4	C16	COMB19 MAX					
		0.0000	-286.75	-1.49	30.24	0.053	29.458
		1.4000	-279.49	-1.49	30.24	0.053	13.736
		2.8000	-272.23	-1.49	30.24	0.053	36.681
STORY4	C16	COMB19 MIN					
		0.0000	-505.34	-28.59	-16.41	-0.159	-9.262
		1.4000	-494.05	-28.59	-16.41	-0.159	-12.930
		2.8000	-482.76	-28.59	-16.41	-0.159	-55.223
STORY4	C17	COMB19 MAX					
		0.0000	-451.28	22.55	47.13	0.053	55.288
		1.4000	-444.03	22.55	47.13	0.053	15.740
		2.8000	-436.77	22.55	47.13	0.053	22.609
STORY4	C17	COMB19 MIN					
		0.0000	-726.83	-20.70	-5.58	-0.159	6.975
		1.4000	-717.16	-20.70	-5.58	-0.159	-11.666
		2.8000	-707.48	-20.70	-5.58	-0.159	-76.668
STORY4	C18	COMB19 MAX					
		0.0000	-430.55	21.18	29.01	0.053	29.438
		1.4000	-423.30	21.18	29.01	0.053	16.772
		2.8000	-416.04	21.18	29.01	0.053	20.208
STORY4	C18	COMB19 MIN					
		0.0000	-766.35	-21.40	-3.26	-0.159	11.028
		1.4000	-756.68	-21.40	-3.26	-0.159	-12.391
		2.8000	-747.00	-21.40	-3.26	-0.159	-51.864
STORY4	C19	COMB19 MAX					
		0.0000	-422.48	20.89	15.16	0.053	10.439
		1.4000	-415.22	20.89	15.16	0.053	16.407
		2.8000	-407.96	20.89	15.16	0.053	24.687
STORY4	C19	COMB19 MIN					
		0.0000	-756.52	-21.54	-6.38	-0.159	4.752
		1.4000	-746.85	-21.54	-6.38	-0.159	-13.526
		2.8000	-737.17	-21.54	-6.38	-0.159	-34.085
STORY4	C20	COMB19 MAX					
		0.0000	-429.38	21.40	20.22	0.053	17.933
		1.4000	-422.13	21.40	20.22	0.053	16.961
		2.8000	-414.87	21.40	20.22	0.053	21.404
STORY4	C20	COMB19 MIN					
		0.0000	-770.78	-21.00	-3.80	-0.159	10.249
		1.4000	-761.10	-21.00	-3.80	-0.159	-12.990

		2.8000	-751.43	-21.00	-3.80	-0.159	-40.405	-33.609
STORY4	C21	COMB19 MAX						
		0.0000	-428.10	19.68	22.25	0.053	18.992	23.823
		1.4000	-420.84	19.68	22.25	0.053	16.228	3.609
		2.8000	-413.58	19.68	22.25	0.053	25.661	35.595
STORY4	C21	COMB19 MIN						
		0.0000	-759.34	-22.86	-7.31	-0.159	5.144	-28.408
		1.4000	-749.67	-22.86	-7.31	-0.159	-13.009	-3.738
		2.8000	-739.99	-22.86	-7.31	-0.159	-43.344	-31.268
STORY4	C22	COMB19 MAX						
		0.0000	-548.00	19.84	24.35	0.053	21.821	24.047
		1.4000	-540.74	19.84	24.35	0.053	13.741	3.597
		2.8000	-533.48	19.84	24.35	0.053	47.205	34.999
STORY4	C22	COMB19 MIN						
		0.0000	-915.80	-22.45	-24.41	-0.159	-21.156	-27.874
		1.4000	-906.12	-22.45	-24.41	-0.159	-12.989	-3.763
		2.8000	-896.45	-22.45	-24.41	-0.159	-46.366	-31.505
STORY4	C23	COMB19 MAX						
		0.0000	-565.47	20.39	22.37	0.053	18.874	24.803
		1.4000	-558.22	20.39	22.37	0.053	13.113	3.982
		2.8000	-550.96	20.39	22.37	0.053	52.090	31.146
STORY4	C23	COMB19 MIN						
		0.0000	-954.22	-19.46	-28.21	-0.159	-26.902	-23.354
		1.4000	-944.54	-19.46	-28.21	-0.159	-12.972	-3.832
		2.8000	-934.87	-19.46	-28.21	-0.159	-43.775	-32.296
STORY4	C24	COMB19 MAX						
		0.0000	-427.05	20.08	41.78	0.053	48.651	24.301
		1.4000	-419.79	20.08	41.78	0.053	16.389	3.972
		2.8000	-412.54	20.08	41.78	0.053	30.495	31.080
STORY3	C1	COMB19 MAX						
		0.0000	-305.75	3.50	4.34	0.073	-6.316	1.174
		1.4000	-298.49	3.50	4.34	0.073	11.350	2.911
		2.8000	-291.23	3.50	4.34	0.073	42.503	44.341
STORY3	C1	COMB19 MIN						
		0.0000	-586.48	-29.75	-22.27	-0.179	-19.861	-38.970
		1.4000	-575.19	-29.75	-22.27	-0.179	-12.405	-3.946
		2.8000	-563.90	-29.75	-22.27	-0.179	-18.478	-8.615
STORY3	C2	COMB19 MAX						
		0.0000	-523.14	24.08	-5.75	0.073	-20.517	31.052
		1.4000	-515.88	24.08	-5.75	0.073	11.038	2.355
		2.8000	-508.62	24.08	-5.75	0.073	67.638	35.515
STORY3	C2	COMB19 MIN						
		0.0000	-890.71	-23.81	-40.53	-0.179	-45.848	-31.151
		1.4000	-879.42	-23.81	-40.53	-0.179	-12.584	-2.835
		2.8000	-868.13	-23.81	-40.53	-0.179	-4.405	-36.375
STORY3	C11	COMB19 MAX						
		0.0000	-513.06	20.24	-2.68	0.073	-14.999	25.457
		1.4000	-505.81	20.24	-2.68	0.073	9.935	2.831
		2.8000	-498.55	20.24	-2.68	0.073	76.558	31.860
STORY3	C11	COMB19 MIN						
		0.0000	-909.12	-20.79	-47.77	-0.179	-57.186	-26.343
		1.4000	-899.44	-20.79	-47.77	-0.179	-11.491	-2.945
		2.8000	-889.76	-20.79	-47.77	-0.179	-7.485	-31.203
STORY3	C12	COMB19 MAX						
		0.0000	-440.96	20.01	-4.67	0.073	-17.856	25.108
		1.4000	-433.70	20.01	-4.67	0.073	9.916	2.867
		2.8000	-426.44	20.01	-4.67	0.073	75.817	30.618
STORY3	C12	COMB19 MIN						
		0.0000	-774.64	-19.86	-47.26	-0.179	-56.525	-24.979
		1.4000	-764.97	-19.86	-47.26	-0.179	-11.593	-2.958
		2.8000	-755.29	-19.86	-47.26	-0.179	-4.788	-30.930
STORY3	C13	COMB19 MAX						
		0.0000	-511.80	19.90	-2.99	0.073	-15.369	24.908
		1.4000	-504.54	19.90	-2.99	0.073	9.695	2.755
		2.8000	-497.28	19.90	-2.99	0.073	77.683	32.413
STORY3	C13	COMB19 MIN						

			0.0000	-907.67	-21.25	-48.78	-0.179	-58.898	-27.088
			1.4000	-897.99	-21.25	-48.78	-0.179	-11.478	-3.044
			2.8000	-888.31	-21.25	-48.78	-0.179	-6.983	-30.811
STORY3	C14	COMB19 MAX							
			0.0000	-472.86	23.18	0.50	0.073	-10.726	30.121
			1.4000	-465.60	23.18	0.50	0.073	10.088	2.675
			2.8000	-458.34	23.18	0.50	0.073	58.773	37.113
STORY3	C14	COMB19 MIN							
			0.0000	-809.81	-24.69	-34.95	-0.179	-39.076	-32.028
			1.4000	-798.52	-24.69	-34.95	-0.179	-11.665	-2.463
			2.8000	-787.23	-24.69	-34.95	-0.179	-12.126	-34.782
STORY3	C15	COMB19 MAX							
			0.0000	-319.70	28.86	5.19	0.073	-4.506	37.529
			1.4000	-312.45	28.86	5.19	0.073	9.604	3.759
			2.8000	-305.19	28.86	5.19	0.073	43.222	9.424
STORY3	C15	COMB19 MIN							
			0.0000	-603.70	-4.16	-24.25	-0.179	-24.692	-2.226
			1.4000	-592.41	-4.16	-24.25	-0.179	-12.117	-3.034
			2.8000	-581.12	-4.16	-24.25	-0.179	-19.049	-43.279
STORY3	C16	COMB19 MAX							
			0.0000	-389.63	2.55	35.29	0.073	41.266	-0.544
			1.4000	-382.38	2.55	35.29	0.073	10.592	3.211
			2.8000	-375.12	2.55	35.29	0.073	39.606	45.980
STORY3	C16	COMB19 MIN							
			0.0000	-715.48	-30.70	-21.00	-0.179	-19.191	-39.972
			1.4000	-705.80	-30.70	-21.00	-0.179	-8.534	-4.319
			2.8000	-696.13	-30.70	-21.00	-0.179	-57.536	-7.680
STORY3	C17	COMB19 MAX							
			0.0000	-640.92	28.02	51.28	0.073	64.575	36.719
			1.4000	-633.66	28.02	51.28	0.073	11.378	2.375
			2.8000	-626.41	28.02	51.28	0.073	25.559	37.658
STORY3	C17	COMB19 MIN							
			0.0000	-1042.67	-25.30	-10.69	-0.179	-4.376	-33.186
			1.4000	-1032.99	-25.30	-10.69	-0.179	-8.023	-2.640
			2.8000	-1023.31	-25.30	-10.69	-0.179	-79.012	-41.723
STORY3	C18	COMB19 MAX							
			0.0000	-604.63	26.32	34.25	0.073	38.102	34.697
			1.4000	-597.37	26.32	34.25	0.073	12.390	2.299
			2.8000	-590.11	26.32	34.25	0.073	20.012	39.762
STORY3	C18	COMB19 MIN							
			0.0000	-1095.68	-26.79	-5.79	-0.179	3.764	-35.263
			1.4000	-1086.00	-26.79	-5.79	-0.179	-10.400	-2.195
			2.8000	-1076.32	-26.79	-5.79	-0.179	-57.859	-38.990
STORY3	C19	COMB19 MAX							
			0.0000	-593.28	26.25	20.95	0.073	18.496	34.466
			1.4000	-586.02	26.25	20.95	0.073	12.192	2.169
			2.8000	-578.76	26.25	20.95	0.073	22.935	39.513
STORY3	C19	COMB19 MIN							
			0.0000	-1080.76	-26.71	-7.82	-0.179	1.046	-35.274
			1.4000	-1071.09	-26.71	-7.82	-0.179	-11.052	-2.327
			2.8000	-1061.41	-26.71	-7.82	-0.179	-40.173	-39.021
STORY3	C20	COMB19 MAX							
			0.0000	-603.35	26.50	25.45	0.073	24.681	34.855
			1.4000	-596.09	26.50	25.45	0.073	12.541	2.256
			2.8000	-588.83	26.50	25.45	0.073	19.304	39.101
STORY3	C20	COMB19 MIN							
			0.0000	-1102.35	-26.35	-5.01	-0.179	5.260	-34.679
			1.4000	-1092.67	-26.35	-5.01	-0.179	-11.218	-2.285
			2.8000	-1083.00	-26.35	-5.01	-0.179	-46.578	-39.335
STORY3	C21	COMB19 MAX							
			0.0000	-600.66	25.17	27.66	0.073	28.473	32.951
			1.4000	-593.40	25.17	27.66	0.073	11.781	2.144
			2.8000	-586.14	25.17	27.66	0.073	25.042	40.978
STORY3	C21	COMB19 MIN							
			0.0000	-1084.14	-27.77	-9.64	-0.179	-1.967	-36.789
			1.4000	-1074.46	-27.77	-9.64	-0.179	-10.509	-2.331
			2.8000	-1064.78	-27.77	-9.64	-0.179	-48.990	-37.514

STORY3	C22	COMB19 MAX						
		0.0000	-789.74	25.21	31.46	0.073	35.424	32.987
		1.4000	-782.48	25.21	31.46	0.073	9.202	2.241
		2.8000	-775.22	25.21	31.46	0.073	49.922	40.558
STORY2	C20	COMB19 MAX						
		0.0000	-774.83	31.53	30.81	0.095	44.036	42.461
		1.4000	-767.57	31.53	30.81	0.095	5.985	1.802
		2.8000	-760.31	31.53	30.81	0.095	17.892	45.286
STORY2	C20	COMB19 MIN						
		0.0000	-1433.78	-31.16	-9.59	-0.146	-8.959	-41.963
		1.4000	-1424.10	-31.16	-9.59	-0.146	-0.624	-1.819
		2.8000	-1414.42	-31.16	-9.59	-0.146	-42.239	-45.819
STORY2	C21	COMB19 MAX						
		0.0000	-770.49	30.17	32.24	0.095	45.260	40.323
		1.4000	-763.23	30.17	32.24	0.095	5.612	1.743
		2.8000	-755.97	30.17	32.24	0.095	23.763	46.939
STORY2	C21	COMB19 MIN						
		0.0000	-1408.61	-32.40	-14.03	-0.146	-15.527	-43.784
		1.4000	-1398.93	-32.40	-14.03	-0.146	-1.369	-2.076
		2.8000	-1389.25	-32.40	-14.03	-0.146	-45.009	-44.144
STORY2	C22	COMB19 MAX						
		0.0000	-1030.58	30.36	34.49	0.095	46.398	40.761
		1.4000	-1023.32	30.36	34.49	0.095	3.716	1.636
		2.8000	-1016.06	30.36	34.49	0.095	50.002	46.281
STORY1	C20	COMB19 MAX						
		0.0000	-956.23	29.05	24.79	0.090	94.889	89.619
		2.5000	-943.27	29.05	24.79	0.090	33.338	17.112
		5.0000	-930.31	29.05	24.79	0.090	4.353	55.331
STORY1	C20	COMB19 MIN						
		0.0000	-1781.06	-28.96	-14.35	-0.114	-67.407	-89.492
		2.5000	-1763.78	-28.96	-14.35	-0.114	-31.925	-17.192
		5.0000	-1746.50	-28.96	-14.35	-0.114	-29.058	-55.617
STORY1	C21	COMB19 MAX						
		0.0000	-950.72	28.88	28.17	0.090	106.705	89.536
		2.5000	-937.76	28.88	28.17	0.090	36.730	17.444
		5.0000	-924.80	28.88	28.17	0.090	11.333	56.045
STORY1	C21	COMB19 MIN						
		0.0000	-1748.65	-29.24	-18.07	-0.114	-79.025	-90.156
		2.5000	-1731.37	-29.24	-18.07	-0.114	-34.290	-17.164
		5.0000	-1714.09	-29.24	-18.07	-0.114	-34.164	-54.866
STORY1	C22	COMB19 MAX						
		0.0000	-1283.44	28.47	36.10	0.094	134.948	87.932
		2.5000	-1270.48	28.47	36.10	0.094	45.720	16.800
		5.0000	-1257.52	28.47	36.10	0.094	41.067	55.123
STORY1	C22	COMB19 MIN						
		0.0000	-2157.31	-28.69	-33.68	-0.120	-127.312	-88.317
		2.5000	-2140.03	-28.69	-33.68	-0.120	-44.129	-16.637
		5.0000	-2122.75	-28.69	-33.68	-0.120	-45.532	-54.413

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BEAM FORCES

STORY	BEAM	LOAD	LOC	P	V2	V3	T	M2	M3
STORY6	B93	COMB19 MAX							
		0.3000	0.00	-15.57	0.00	-0.090	0.000	-4.851	
		2.0500	0.00	-11.03	0.00	-0.090	0.000	30.621	
		2.0500	0.00	17.80	0.00	0.185	0.000	31.319	
		2.1000	0.00	17.98	0.00	0.185	0.000	30.702	
		2.5300	0.00	19.46	0.00	0.185	0.000	27.879	
		2.5300	0.00	40.50	0.00	0.237	0.000	28.160	
		3.9000	0.00	45.23	0.00	0.237	0.000	1.130	
STORY6	B93	COMB19 MIN							
		0.3000	0.00	-48.24	0.00	-0.424	0.000	-50.033	
		2.0500	0.00	-42.19	0.00	-0.424	0.000	18.424	
		2.0500	0.00	1.69	0.00	-0.065	0.000	17.502	
		2.1000	0.00	1.82	0.00	-0.065	0.000	16.795	
		2.5300	0.00	2.93	0.00	-0.065	0.000	10.454	

		2.5300	0.00	11.83	0.00	-0.038	0.000	11.616
		3.9000	0.00	15.38	0.00	-0.038	0.000	-38.721
STORY6	B95	COMB19 MAX						
		0.3000	0.00	-14.27	0.00	-0.007	0.000	0.097
		2.1000	0.00	-9.60	0.00	-0.007	0.000	34.514
		2.1500	0.00	-9.47	0.00	-0.007	0.000	36.026
		2.1500	0.00	43.55	0.00	-0.070	0.000	35.472
		3.9000	0.00	49.60	0.00	-0.070	0.000	-4.851
STORY6	B95	COMB19 MIN						
		0.3000	0.00	-43.98	0.00	-0.047	0.000	-41.623
		2.1000	0.00	-37.75	0.00	-0.047	0.000	21.008
		2.1500	0.00	-37.58	0.00	-0.047	0.000	21.973
		2.1500	0.00	13.19	0.00	-0.118	0.000	21.669
		3.9000	0.00	17.72	0.00	-0.118	0.000	-48.627
STORY6	B96	COMB19 MAX						
		0.3000	0.00	-17.91	0.00	0.115	0.000	-5.170
		2.0500	0.00	-13.37	0.00	0.115	0.000	35.497
		2.0500	0.00	37.36	0.00	0.045	0.000	36.014
		2.1000	0.00	37.53	0.00	0.045	0.000	34.513
		3.9000	0.00	43.76	0.00	0.045	0.000	0.448
STORY6	B96	COMB19 MIN						
		0.3000	0.00	-49.86	0.00	0.068	0.000	-49.057
		2.0500	0.00	-43.82	0.00	0.068	0.000	21.702
		2.0500	0.00	9.27	0.00	0.004	0.000	21.961
		2.1000	0.00	9.40	0.00	0.004	0.000	21.014
		3.9000	0.00	14.07	0.00	0.004	0.000	-41.222
STORY6	B98	COMB19 MAX						
		0.2000	0.00	-0.23	0.00	0.000	0.000	-0.041
		2.2500	0.00	0.10	0.00	0.000	0.000	0.176
		4.3000	0.00	0.55	0.00	0.000	0.000	-0.204
STORY6	B98	COMB19 MIN						
		0.2000	0.00	-0.41	0.00	0.000	0.000	-0.224
		2.2500	0.00	0.00	0.00	0.000	0.000	0.108
		4.3000	0.00	0.31	0.00	0.000	0.000	-0.477
STORY6	B100	COMB19 MAX						
		0.3000	0.00	-15.83	0.00	0.319	0.000	2.388
		1.6800	0.00	-11.01	0.00	0.319	0.000	29.531
		1.6800	0.00	-2.66	0.00	0.267	0.000	29.431
		2.1000	0.00	-1.20	0.00	0.267	0.000	31.905
		2.1500	0.00	-1.02	0.00	0.267	0.000	32.473
		2.1500	0.00	43.01	0.00	0.101	0.000	31.270
		3.9000	0.00	51.16	0.00	0.101	0.000	-6.788
STORY6	B100	COMB19 MIN						
		0.3000	0.00	-46.25	0.00	0.019	0.000	-38.059
		1.6800	0.00	-39.83	0.00	0.019	0.000	12.716
		1.6800	0.00	-19.30	0.00	-0.008	0.000	11.714
		2.1000	0.00	-17.34	0.00	-0.008	0.000	17.745
		2.1500	0.00	-17.11	0.00	-0.008	0.000	18.422
		2.1500	0.00	11.60	0.00	-0.411	0.000	18.816
		3.9000	0.00	17.71	0.00	-0.411	0.000	-52.751
STORY6	B101	COMB19 MAX						
		0.3000	0.00	-17.85	0.00	0.398	0.000	-7.097
		2.0500	0.00	-11.74	0.00	0.398	0.000	31.148
		2.0500	0.00	17.11	0.00	0.015	0.000	32.403
		2.1000	0.00	17.34	0.00	0.015	0.000	31.836
		2.5300	0.00	19.34	0.00	0.015	0.000	29.339
		2.5300	0.00	39.57	0.00	-0.012	0.000	29.399
		3.9000	0.00	45.95	0.00	-0.012	0.000	2.831
STORY6	B101	COMB19 MIN						
		0.3000	0.00	-51.30	0.00	-0.099	0.000	-53.107
		2.0500	0.00	-43.16	0.00	-0.099	0.000	18.748
		2.0500	0.00	0.90	0.00	-0.250	0.000	18.398
		2.1000	0.00	1.08	0.00	-0.250	0.000	17.721
		2.5300	0.00	2.58	0.00	-0.250	0.000	11.538
		2.5300	0.00	10.77	0.00	-0.302	0.000	12.541
		3.9000	0.00	15.56	0.00	-0.302	0.000	-37.492
STORY5	B105	COMB19 MIN						
		0.3000	0.00	-91.78	0.00	-0.352	0.000	-93.869

			2.6000	0.00	-61.75	0.00	-0.352	0.000	45.992
			2.6000	0.00	13.38	0.00	-0.007	0.000	38.132
			2.7000	0.00	14.36	0.00	-0.007	0.000	36.256
			5.1000	0.00	37.86	0.00	-0.007	0.000	-86.071
STORY5	B107	COMB19 MAX							
			0.0000	0.00	44.43	0.00	-0.078	0.000	4.088
			0.6850	0.00	46.79	0.00	-0.078	0.000	-12.156
			1.3700	0.00	49.16	0.00	-0.078	0.000	-27.645
STORY5	B107	COMB19 MIN							
			0.0000	0.00	19.95	0.00	-3.685	0.000	2.071
			0.6850	0.00	21.72	0.00	-3.685	0.000	-27.154
			1.3700	0.00	23.50	0.00	-3.685	0.000	-60.018
STORY5	B108	COMB19 MAX							
			0.0000	0.00	47.20	0.00	2.386	0.000	0.901
			0.6850	0.00	49.57	0.00	2.386	0.000	-16.462
			1.3700	0.00	51.94	0.00	2.386	0.000	-34.893
STORY5	B108	COMB19 MIN							
			0.0000	0.00	24.24	0.00	0.179	0.000	-0.216
			0.6850	0.00	26.02	0.00	0.179	0.000	-32.686
			1.3700	0.00	27.79	0.00	0.179	0.000	-67.452
STORY5	B109	COMB19 MAX							
			0.3000	0.00	-44.05	0.00	0.433	0.000	-29.104
			2.6000	0.00	-21.53	0.00	0.433	0.000	92.044
			2.6000	0.00	44.28	0.00	-0.052	0.000	74.788
			2.7000	0.00	45.58	0.00	-0.052	0.000	70.295
			5.1000	0.00	76.92	0.00	-0.052	0.000	-25.533
STORY5	B109	COMB19 MIN							
			0.3000	0.00	-92.79	0.00	0.093	0.000	-95.378
			2.6000	0.00	-62.76	0.00	0.093	0.000	46.318
			2.6000	0.00	13.13	0.00	-0.392	0.000	37.875
			2.7000	0.00	14.10	0.00	-0.392	0.000	35.857
			5.1000	0.00	37.61	0.00	-0.392	0.000	-84.925
STORY4	B109	COMB19 MAX							
			0.3000	0.00	-41.01	0.00	0.445	0.000	-22.861
			2.6000	0.00	-18.49	0.00	0.445	0.000	91.139
			2.6000	0.00	46.68	0.00	0.013	0.000	74.173
			2.7000	0.00	47.98	0.00	0.013	0.000	69.683
			5.1000	0.00	79.32	0.00	0.013	0.000	-19.414
STORY4	B109	COMB19 MIN							
			0.3000	0.00	-95.25	0.00	0.060	0.000	-103.486
			2.6000	0.00	-65.22	0.00	0.060	0.000	45.556
			2.6000	0.00	10.49	0.00	-0.485	0.000	37.411
			2.7000	0.00	11.47	0.00	-0.485	0.000	35.356
			5.1000	0.00	34.97	0.00	-0.485	0.000	-91.771
STORY3	B103	COMB19 MIN							
			0.3000	0.00	-19.69	0.00	-4.458	0.000	-7.990
			0.5500	0.00	-18.83	0.00	-4.458	0.000	-3.387
			0.8000	0.00	-17.97	0.00	-4.458	0.000	0.473
STORY2	B105	COMB19 MAX							
			0.3000	0.00	-35.67	0.00	0.051	0.000	-10.999
			2.6000	0.00	-13.14	0.00	0.051	0.000	90.039
			2.6000	0.00	51.59	0.00	0.565	0.000	74.859
			2.7000	0.00	52.90	0.00	0.565	0.000	70.318
			5.1000	0.00	84.23	0.00	0.565	0.000	-8.733
STORY2	B105	COMB19 MIN							
			0.3000	0.00	-99.07	0.00	-0.428	0.000	-113.472
			2.6000	0.00	-69.04	0.00	-0.428	0.000	45.094
			2.6000	0.00	6.20	0.00	-0.205	0.000	37.369
			2.7000	0.00	7.18	0.00	-0.205	0.000	35.404
			5.1000	0.00	30.68	0.00	-0.205	0.000	-103.206
STORY2	B107	COMB19 MAX							
			0.0000	0.00	45.91	0.00	1.332	0.000	4.272
			0.6850	0.00	48.27	0.00	1.332	0.000	-10.363
			1.3700	0.00	50.64	0.00	1.332	0.000	-23.810
STORY2	B107	COMB19 MIN							
			0.0000	0.00	16.97	0.00	-4.980	0.000	1.763
			0.6850	0.00	18.74	0.00	-4.980	0.000	-28.089

			1.3700	0.00	20.52	0.00	-4.980	0.000	-61.967
STORY2	B108	COMB19 MAX							
			0.0000	0.00	47.08	0.00	3.192	0.000	1.431
			0.6850	0.00	49.45	0.00	3.192	0.000	-15.780
			1.3700	0.00	51.82	0.00	3.192	0.000	-34.041
STORY2	B108	COMB19 MIN							
			0.0000	0.00	24.00	0.00	-0.679	0.000	-0.635
			0.6850	0.00	25.77	0.00	-0.679	0.000	-32.531
			1.3700	0.00	27.55	0.00	-0.679	0.000	-67.216
STORY2	B109	COMB19 MAX							
			0.3000	0.00	-35.79	0.00	0.486	0.000	-11.177
			2.6000	0.00	-13.27	0.00	0.486	0.000	91.356
			2.6000	0.00	51.00	0.00	0.119	0.000	74.224
			2.7000	0.00	52.30	0.00	0.119	0.000	69.742
			5.1000	0.00	83.64	0.00	0.119	0.000	-8.605
STORY2	B109	COMB19 MIN							
			0.3000	0.00	-100.77	0.00	0.031	0.000	-115.520
			2.6000	0.00	-70.74	0.00	0.031	0.000	45.238
			2.6000	0.00	6.11	0.00	-0.595	0.000	37.247
			2.7000	0.00	7.09	0.00	-0.595	0.000	35.163
			5.1000	0.00	30.59	0.00	-0.595	0.000	-102.317
STORY2	B110	COMB19 MAX							
			0.3000	0.00	-11.32	0.00	4.245	0.000	-4.249
			0.5500	0.00	-10.67	0.00	4.245	0.000	-1.501
			0.8000	0.00	-10.02	0.00	4.245	0.000	1.623
STORY2	B110	COMB19 MIN							
			0.3000	0.00	-19.66	0.00	-4.772	0.000	-7.958
			0.5500	0.00	-18.79	0.00	-4.772	0.000	-3.363
			0.8000	0.00	-17.93	0.00	-4.772	0.000	0.478
STORY2	B111	COMB19 MAX							
			0.0000	0.00	47.09	0.00	0.619	0.000	0.769
			0.6850	0.00	49.46	0.00	0.619	0.000	-16.138
			1.3700	0.00	51.82	0.00	0.619	0.000	-34.262
STORY2	B111	COMB19 MIN							
			0.0000	0.00	23.79	0.00	-3.452	0.000	-1.721
			0.6850	0.00	25.57	0.00	-3.452	0.000	-33.748
			1.3700	0.00	27.35	0.00	-3.452	0.000	-68.436
STORY2	B112	COMB19 MAX							
			0.3000	0.00	-33.24	0.00	-0.125	0.000	-8.617
			2.6000	0.00	-10.72	0.00	-0.125	0.000	85.131
			2.6000	0.00	50.41	0.00	1.128	0.000	72.876
			2.7000	0.00	51.71	0.00	1.128	0.000	68.506
			5.1000	0.00	83.05	0.00	1.128	0.000	-7.253
STORY2	B112	COMB19 MIN							
			0.3000	0.00	-96.48	0.00	-1.051	0.000	-111.172
			2.6000	0.00	-66.45	0.00	-1.051	0.000	41.834
			2.6000	0.00	5.02	0.00	-0.047	0.000	35.889
			2.7000	0.00	6.00	0.00	-0.047	0.000	34.791
			5.1000	0.00	29.50	0.00	-0.047	0.000	-101.487
STORY1	B105	COMB19 MAX							
			0.3000	0.00	-35.07	0.00	0.057	0.000	-9.322
			2.6000	0.00	-12.55	0.00	0.057	0.000	90.699
			2.6000	0.00	51.85	0.00	0.742	0.000	75.440
			2.7000	0.00	53.15	0.00	0.742	0.000	70.969
			5.1000	0.00	84.49	0.00	0.742	0.000	-5.412
STORY1	B105	COMB19 MIN							
			0.3000	0.00	-100.68	0.00	-0.450	0.000	-116.619
			2.6000	0.00	-70.65	0.00	-0.450	0.000	45.397
			2.6000	0.00	4.98	0.00	-0.378	0.000	37.631
			2.7000	0.00	5.96	0.00	-0.378	0.000	35.639
			5.1000	0.00	29.46	0.00	-0.378	0.000	-103.319
STORY1	B107	COMB19 MAX							
			0.0000	0.00	46.34	0.00	1.510	0.000	4.381
			0.6850	0.00	48.71	0.00	1.510	0.000	-10.269
			1.3700	0.00	51.08	0.00	1.510	0.000	-23.588
STORY1	B107	COMB19 MIN							

			0.0000	0.00	16.78	0.00	-4.998	0.000	1.748
			0.6850	0.00	18.56	0.00	-4.998	0.000	-28.261
			1.3700	0.00	20.33	0.00	-4.998	0.000	-62.439
STORY1	B108	COMB19 MAX							
			0.0000	0.00	47.20	0.00	3.151	0.000	1.454
			0.6850	0.00	49.56	0.00	3.151	0.000	-15.804
			1.3700	0.00	51.93	0.00	3.151	0.000	-34.114
STORY1	B108	COMB19 MIN							
			0.0000	0.00	24.07	0.00	-0.813	0.000	-0.684
			0.6850	0.00	25.84	0.00	-0.813	0.000	-32.624
			1.3700	0.00	27.62	0.00	-0.813	0.000	-67.386
STORY1	B109	COMB19 MAX							
			0.3000	0.00	-35.15	0.00	0.478	0.000	-9.261
			2.6000	0.00	-12.63	0.00	0.478	0.000	92.202
			2.6000	0.00	51.35	0.00	0.287	0.000	74.721
			2.7000	0.00	52.66	0.00	0.287	0.000	70.300
			5.1000	0.00	83.99	0.00	0.287	0.000	-5.466
STORY1	B109	COMB19 MIN							
			0.3000	0.00	-102.45	0.00	0.027	0.000	-118.698
			2.6000	0.00	-72.42	0.00	0.027	0.000	45.695
			2.6000	0.00	4.91	0.00	-0.740	0.000	37.398
			2.7000	0.00	5.89	0.00	-0.740	0.000	35.406
			5.1000	0.00	29.39	0.00	-0.740	0.000	-102.704
STORY1	B110	COMB19 MAX							
			0.3000	0.00	-11.34	0.00	5.270	0.000	-4.264
			0.5500	0.00	-10.70	0.00	5.270	0.000	-1.509
			0.8000	0.00	-10.05	0.00	5.270	0.000	1.605
STORY1	B110	COMB19 MIN							
			0.3000	0.00	-19.78	0.00	-5.766	0.000	-8.090
			0.5500	0.00	-18.92	0.00	-5.766	0.000	-3.458
			0.8000	0.00	-18.05	0.00	-5.766	0.000	0.436
STORY1	B111	COMB19 MAX							
			0.0000	0.00	46.87	0.00	0.746	0.000	0.877
			0.6850	0.00	49.24	0.00	0.746	0.000	-15.951
			1.3700	0.00	51.61	0.00	0.746	0.000	-33.996
STORY1	B111	COMB19 MIN							
			0.0000	0.00	23.68	0.00	-3.377	0.000	-1.614
			0.6850	0.00	25.45	0.00	-3.377	0.000	-33.453
			1.3700	0.00	27.23	0.00	-3.377	0.000	-67.994
STORY1	B112	COMB19 MAX							
			0.3000	0.00	-32.60	0.00	-0.088	0.000	-6.817
			2.6000	0.00	-10.08	0.00	-0.088	0.000	85.677
			2.6000	0.00	50.68	0.00	1.274	0.000	73.480
			2.7000	0.00	51.99	0.00	1.274	0.000	69.178
			5.1000	0.00	83.32	0.00	1.274	0.000	-3.905
STORY1	B112	COMB19 MIN							
			0.3000	0.00	-98.23	0.00	-1.054	0.000	-114.825
			2.6000	0.00	-68.20	0.00	-1.054	0.000	42.151
			2.6000	0.00	3.82	0.00	-0.249	0.000	36.233
			2.7000	0.00	4.79	0.00	-0.249	0.000	34.931
			5.1000	0.00	28.30	0.00	-0.249	0.000	-101.705
STORY1	B114	COMB19 MAX							
			0.0000	0.00	40.54	0.00	6.196	0.000	0.576
			0.6850	0.00	42.90	0.00	6.196	0.000	-9.447
			1.3700	0.00	45.27	0.00	6.196	0.000	-19.331
STORY1	B114	COMB19 MIN							
			0.0000	0.00	11.77	0.00	-1.297	0.000	-1.065
			0.6850	0.00	13.54	0.00	-1.297	0.000	-28.305
			1.3700	0.00	15.32	0.00	-1.297	0.000	-58.504
STORY1	B115	COMB19 MAX							
			0.3000	0.00	-28.53	0.00	1.277	0.000	-3.172
			2.6000	0.00	-6.01	0.00	1.277	0.000	80.762
			2.6000	0.00	49.21	0.00	-0.066	0.000	72.471
			2.7000	0.00	50.52	0.00	-0.066	0.000	68.297
			5.1000	0.00	81.85	0.00	-0.066	0.000	-3.982
BASE	B83	COMB19 MAX							
			0.0000	0.00	13.42	0.01	0.083	0.028	72.303

BASE	B83	2.7000	0.00	32.09	0.01	0.083	0.001	17.551
		5.4000	0.00	56.43	0.01	0.083	0.034	77.192
		COMB19 MIN						
		0.0000	0.00	-59.00	-0.01	-0.074	-0.035	-110.817
		2.7000	0.00	-34.11	-0.01	-0.074	-0.001	10.871
BASE	B88	5.4000	0.00	-14.93	-0.01	-0.074	-0.027	-104.699
		COMB19 MAX						
		0.0000	0.00	13.62	0.01	0.038	0.028	72.715
		2.7000	0.00	32.29	0.01	0.038	0.000	17.264
		5.4000	0.00	56.71	0.01	0.038	0.036	77.197
BASE	B88	COMB19 MIN						
		0.0000	0.00	-59.03	-0.01	-0.048	-0.036	-111.251
		2.7000	0.00	-34.14	-0.01	-0.048	0.000	10.734
		5.4000	0.00	-15.01	-0.01	-0.048	-0.028	-105.722
		COMB19 MAX						
BASE	B91	0.0000	0.00	9.29	0.01	0.208	0.024	68.316
		2.7000	0.00	27.96	0.01	0.208	0.002	20.680
		5.4000	0.00	52.70	0.01	0.208	0.025	50.804
		COMB19 MIN						
		0.0000	0.00	-52.50	-0.01	-0.221	-0.030	-103.673
BASE	B91	2.7000	0.00	-27.61	-0.01	-0.221	-0.002	1.832
		5.4000	0.00	-8.80	-0.01	-0.221	-0.020	-88.008
		COMB19 MAX						
		0.0000	0.00	15.57	0.02	8.310	0.031	51.912
		2.1000	0.00	30.10	0.02	8.310	0.007	6.581
BASE	B92	4.2000	0.00	49.46	0.02	8.310	0.054	57.394
		COMB19 MIN						
		0.0000	0.00	-51.79	-0.02	-8.336	-0.040	-82.235
		2.1000	0.00	-32.45	-0.02	-8.336	-0.006	3.965
		4.2000	0.00	-17.93	-0.02	-8.336	-0.042	-77.854
BASE	B93	COMB19 MAX						
		0.0000	0.00	18.02	0.02	8.329	0.042	57.539
		2.1000	0.00	32.53	0.02	8.329	0.006	6.601
		4.2000	0.00	51.85	0.02	8.329	0.040	52.036
		COMB19 MIN						
BASE	B93	0.0000	0.00	-49.51	-0.02	-8.297	-0.054	-77.910
		2.1000	0.00	-30.16	-0.02	-8.297	-0.007	4.026
		4.2000	0.00	-15.60	-0.02	-8.297	-0.031	-82.386
		COMB19 MAX						
		0.0000	0.00	15.35	0.02	9.332	0.032	51.460
BASE	B95	2.1000	0.00	29.87	0.02	9.332	0.006	6.541
		4.2000	0.00	49.16	0.02	9.332	0.054	57.093
		COMB19 MIN						
		0.0000	0.00	-51.76	-0.02	-9.367	-0.041	-82.285
		2.1000	0.00	-32.40	-0.02	-9.367	-0.005	3.977
BASE	B95	4.2000	0.00	-17.82	-0.02	-9.367	-0.043	-77.276
		COMB19 MAX						
		0.0000	0.00	17.82	0.02	9.357	0.043	57.096
		2.1000	0.00	32.37	0.02	9.357	0.005	6.551
		4.2000	0.00	51.73	0.02	9.357	0.041	51.466
BASE	B96	COMB19 MIN						
		0.0000	0.00	-49.19	-0.02	-9.325	-0.054	-77.319
		2.1000	0.00	-29.87	-0.02	-9.325	-0.006	3.989
		4.2000	0.00	-15.35	-0.02	-9.325	-0.032	-82.219
		COMB19 MAX						
BASE	B97	0.0000	0.00	8.88	0.01	0.183	0.021	50.915
		2.7000	0.00	27.74	0.01	0.183	0.002	20.691
		5.4000	0.00	52.63	0.01	0.183	0.031	67.950
		COMB19 MIN						
		0.0000	0.00	-52.52	-0.01	-0.187	-0.026	-87.513
BASE	B97	2.7000	0.00	-27.83	-0.01	-0.187	-0.002	1.746
		5.4000	0.00	-9.16	-0.01	-0.187	-0.024	-104.082
		COMB19 MAX						
		0.0000	0.00	14.95	0.02	9.481	0.031	53.956
		2.1000	0.00	31.66	0.02	9.481	0.007	8.798
BASE	B100	4.2000	0.00	53.54	0.02	9.481	0.054	55.123
		COMB19 MIN						
		0.0000	0.00	-52.52	-0.01	-0.187	-0.026	-87.513
		2.7000	0.00	-27.83	-0.01	-0.187	-0.002	1.746
		5.4000	0.00	-9.16	-0.01	-0.187	-0.024	-104.082
BASE	B100	COMB19 MAX						
		0.0000	0.00	14.95	0.02	9.481	0.031	53.956
		2.1000	0.00	31.66	0.02	9.481	0.007	8.798
		4.2000	0.00	53.54	0.02	9.481	0.054	55.123
		COMB19 MIN						
BASE	B100	0.0000	0.00	-52.52	-0.01	-0.187	-0.026	-87.513
		2.7000	0.00	-27.83	-0.01	-0.187	-0.002	1.746
		5.4000	0.00	-9.16	-0.01	-0.187	-0.024	-104.082
		COMB19 MAX						
		0.0000	0.00	14.95	0.02	9.481	0.031	53.956
BASE	B100	2.1000	0.00	31.66	0.02	9.481	0.007	8.798
		4.2000	0.00	53.54	0.02	9.481	0.054	55.123
		COMB19 MIN						
		0.0000	0.00	-52.52	-0.01	-0.187	-0.026	-87.513
		2.7000	0.00	-27.83	-0.01	-0.187	-0.002	1.746
BASE	B100	5.4000	0.00	-9.16	-0.01	-0.187	-0.024	-104.082
		COMB19 MAX						
		0.0000	0.00	14.95	0.02	9.481	0.031	53.956
		2.1000	0.00	31.66	0.02	9.481	0.007	8.798
		4.2000	0.00	53.54	0.02	9.481	0.054	55.123

		0.0000	0.00	-53.19	-0.02	-9.139	-0.040	-80.606
		2.1000	0.00	-31.61	-0.02	-9.139	-0.006	5.336
		4.2000	0.00	-15.20	-0.02	-9.139	-0.042	-81.982
BASE	B101	COMB19 MAX						
		0.0000	0.00	15.20	0.02	9.127	0.042	55.114
		2.1000	0.00	31.60	0.02	9.127	0.006	8.804
		4.2000	0.00	53.15	0.02	9.127	0.040	54.001
BASE	B101	COMB19 MIN						
		0.0000	0.00	-53.58	-0.02	-9.464	-0.054	-82.068
		2.1000	0.00	-31.71	-0.02	-9.464	-0.007	5.345
		4.2000	0.00	-14.97	-0.02	-9.464	-0.031	-80.529
BASE	B102	COMB19 MAX						
		0.0000	0.00	8.44	0.01	0.211	0.020	49.035
		2.7000	0.00	27.10	0.01	0.211	0.003	19.816
		5.4000	0.00	51.97	0.01	0.211	0.030	69.392
BASE	B102	COMB19 MIN						
		0.0000	0.00	-53.51	-0.01	-0.228	-0.025	-91.067
		2.7000	0.00	-28.62	-0.01	-0.228	-0.002	1.059
		5.4000	0.00	-9.94	-0.01	-0.228	-0.024	-103.215
BASE	B105	COMB19 MAX						
		0.0000	0.00	15.51	0.01	0.028	0.028	77.901
		2.7000	0.00	34.60	0.01	0.028	0.000	17.151
		5.4000	0.00	59.49	0.01	0.028	0.034	74.915
BASE	B105	COMB19 MIN						
		0.0000	0.00	-57.39	-0.01	-0.022	-0.035	-107.105
		2.7000	0.00	-32.92	-0.01	-0.022	0.000	10.822
		5.4000	0.00	-14.25	-0.01	-0.022	-0.027	-113.167
BASE	B109	COMB19 MAX						
		0.0000	0.00	15.69	0.01	0.076	0.026	78.536
		2.7000	0.00	34.78	0.01	0.076	0.000	17.368
		5.4000	0.00	59.67	0.01	0.076	0.034	75.506
BASE	B109	COMB19 MIN						
		0.0000	0.00	-57.56	-0.01	-0.075	-0.034	-107.377
		2.7000	0.00	-33.09	-0.01	-0.075	0.000	10.951
		5.4000	0.00	-14.42	-0.01	-0.075	-0.027	-113.447
BASE	B112	COMB19 MAX						
		0.0000	0.00	15.79	0.01	0.006	0.027	78.981
		2.7000	0.00	34.94	0.01	0.006	0.000	17.621
		5.4000	0.00	59.83	0.01	0.006	0.034	75.343
BASE	B112	COMB19 MIN						
		0.0000	0.00	-57.38	-0.01	-0.026	-0.034	-106.624
		2.7000	0.00	-32.98	-0.01	-0.026	0.000	11.147
		5.4000	0.00	-14.31	-0.01	-0.026	-0.027	-113.601
BASE	B115	COMB19 MAX						
		0.0000	0.00	15.91	0.01	0.509	0.026	79.107
		2.7000	0.00	34.87	0.01	0.509	0.001	16.715
		5.4000	0.00	59.76	0.01	0.509	0.032	76.334
BASE	B115	COMB19 MIN						
		0.0000	0.00	-58.30	-0.01	-0.342	-0.034	-110.398
		2.7000	0.00	-33.70	-0.01	-0.342	-0.001	10.543
		5.4000	0.00	-15.03	-0.01	-0.342	-0.025	-113.943