

BAB VI

KESIMPULAN DAN SARAN

6.1. Kesimpulan

Setelah dilakukan dilakukan perancangan pada gedung yang ditinjau pada bab sebelumnya, dapat diambil beberapa kesimpulan yakni:

1. Mutu beton (f'_c) yang digunakan untuk pelat, tangga, balok, kolom, *pile cap* dan *bor pile* adalah 35 MPa sedangkan untuk dinding geser adalah 45 MPa.
2. Mutu baja tulangan deform (BJTD) adalah 420 MPa sedangkan untuk tulangan polos (BJTP) 240 MPa.
3. Tangga yang ditinjau menghubungkan lantai dengan tinggi antar lantai yakni 3,3 m dengan tulangan tumpuan D13-150 mm dan tulangan lapangan D13-100 mm, sedangkan tulangan susut yang terpasang yakni P10-150 mm.
4. Perencanaan pelat menggunakan pelat satu arah dan pelat dua arah.
5. Tebal pelat *basement* yakni 150 mm sedangkan tebal pelat lantai dan pelat atap 130 mm.
6. Tulangan pokok pelat satu arah *basement* untuk daerah tumpuan yakni P10-100 mm dan untuk daerah lapangan yakni P10-100, sedangkan tulangan susut yang harus terpasang yakni P8-150 mm.

7. Tulangan pokok pelat dua arah x daerah tumpuan dan lapangan P10-100, dan untuk arah y untuk daerah tumpuan dan lapangan digunakan P10-150, sedangkan tulangan susut yang harus dipasang yakni P8-150
8. Tulangan pokok pelat satu arah pelat lantai dan pelat atap untuk daerah tumpuan yakni P10-100 mm dan untuk daerah lapangan yakni P10-200, sedangkan tulangan susut yang harus terpasang yakni P8-100 mm.
9. Tulangan pokok pelat dua arah x daerah tumpuan dan lapangan P10-100, dan untuk arah y untuk daerah tumpuan dan lapangan digunakan P10-200, sedangkan tulangan susut yang harus dipasang yakni P8-150
10. Parameter percepatan $S_s = 0,744 g$ dan $S_I = 0,321 g$.
11. Klasifikasi situs berdasarkan data tanah yang ada termasuk tanah lunak.
12. Parameter percepatan spektral respons pada periode pendek (S_{MS}) dan periode satu detik (S_{MI}) berdasarkan MCE_R , yakni $S_{MS} = 0,9017$ dan $S_{MI} = 0,8722$.
13. Parameter percepatan spektral respons rencana pada periode pendek (S_{DS}) dan periode 1 detik (S_{DI}) yakni $S_{DS} = 0,6012$ dan $S_{DI} = 0,5814$.
14. Faktor keutamaan dan kategori resiko gedung termasuk dalam kategori II.
15. Kategori desain seismik (KDS) termasuk dalam KDS D.
16. Sistem struktur yang digunakan yakni sistem ganda yang terdiri dari rangka pemikul momen khusus dan binding beton bertulang khusus.
17. Balok yang didesain yakni balok B1 dan B31 dengan konfigurasi sebagai berikut:

Tabel 6.1. Konfigurasi penulangan balok untuk daerah tumpuan

Balok	Tulangan Tumpuan		
	Lentur Atas	Lentur Bawah	Sengkang
B1	5D25	4D25	3P12-100
B31	6D25	3D25	3P12-100

Tabel 6.2. Konfigurasi penulangan balok untuk daerah lapangan

Balok	Tulangan Lapangan		
	Lentur Atas	Lentur Bawah	Sengkang
B1	2D25	2D25	2P12-200
B31	3D25	2D25	2P12-200

18. Kolom yang ditinjau adalah kolom C2 *story* 16 dengan konfigurasi sebagai berikut:

- Tulangan lentur : 12D25
- Tulangan geser :
 - a. arah panjang : 3P10-100
 - b. arah pendek : 5P10-100
- Sambungan lewatan : 1300 mm

19. Dinding geser yang ditinjau dengan spesifikasi sebagai berikut:

- Panjang *boundary element* : 1300 mm
- Tulangan pada *boundary element* : 26D25
- Sengkang pada *boundary element* :
 - a. arah memanjang : 2D16-100
 - b. arah tegak lurus : 5D16-100
- Tulangan diluar *boundary element* :
 - a. tulangan lentur : 2D16-300
 - b. tulangan geser : 2D16-300

20. Fondasi pada titik kolom C2 menggunakan tiang bor berdiameter 1 m dengan jumlah tiang sebanyak 4 buah tiang.
21. Tulangan lentur yang terpasang pada tiang fondasi yakni 16D25, sedangkan tulangan geser yang terpasang pada tiang yakni D19-100 mm.
22. *Pile cap* berukuran 6m x 6m dengan tulangan bawah yang harus terpasang yakni D25-100 untuk arah x dan y sedangkan tulangan atas yang harus terpasang yakni D25-150.

6.2. Saran

Berikut ini saran yang dapat diberikan penulis setelah melakukan perancangan:

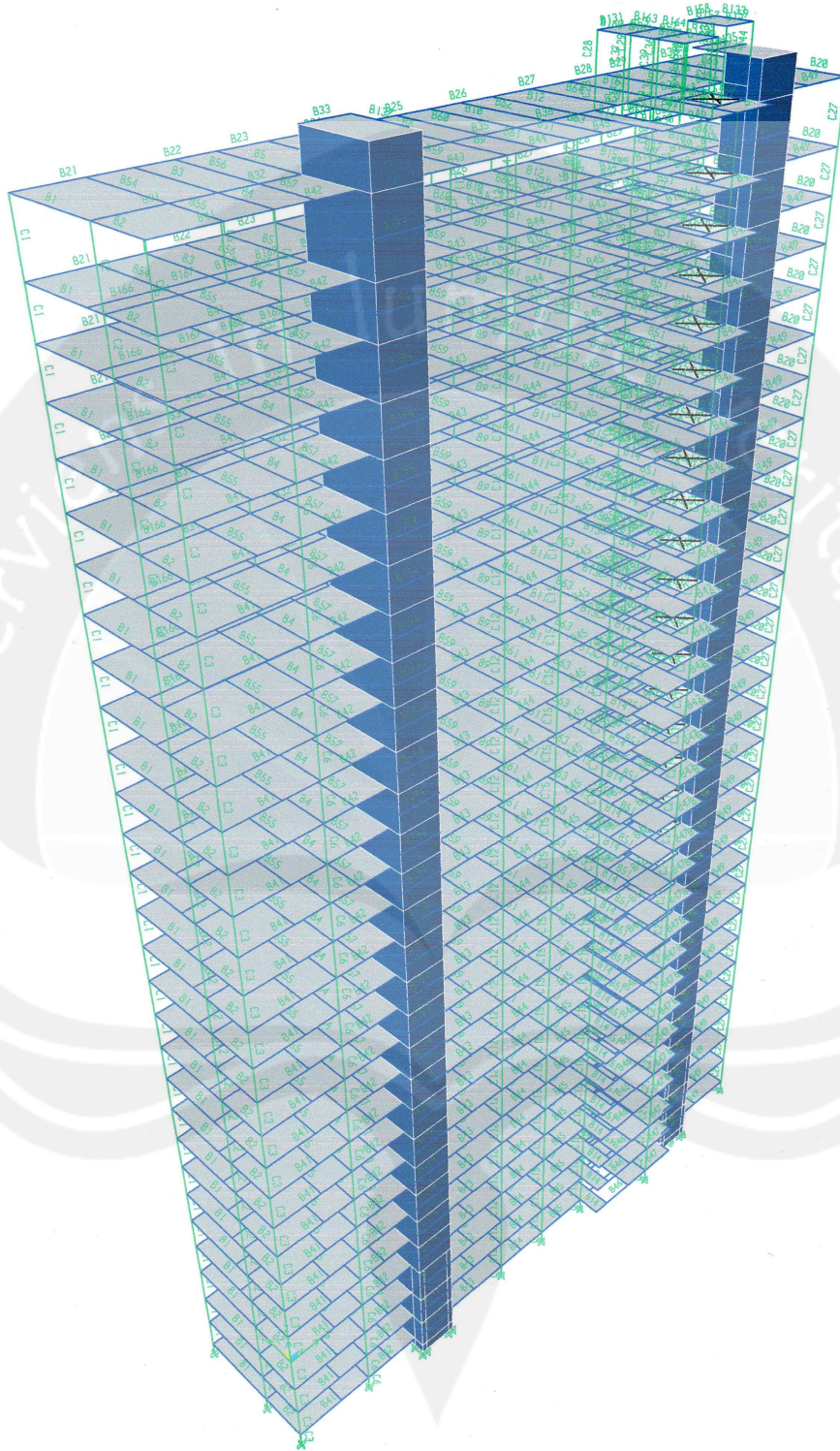
1. Untuk dilakukan evaluasi analisis dengan *Nonlinear pushover*.
2. Sebaiknya pembebanan menggunakan SNI pembebanan yang paling baru yakni SNI 1727-2013.
3. Sebaiknya dilakukan evaluasi dengan analisis gempa dinamis dengan *time history*.
4. Sebaiknya dilakukan peninjauan terhadap beban angin.
5. Mutu beton yang digunakan sebaiknya dibuat sama untuk memudahkan pelaksanaan di lapangan.
6. Perencanaan struktur yang dihasilkan lebih baik menghindari banyaknya perbedaan dimensi elemen struktur supaya dapat meminimalisir tingkat kesulitan dan waktu pelaksanaan di lapangan.

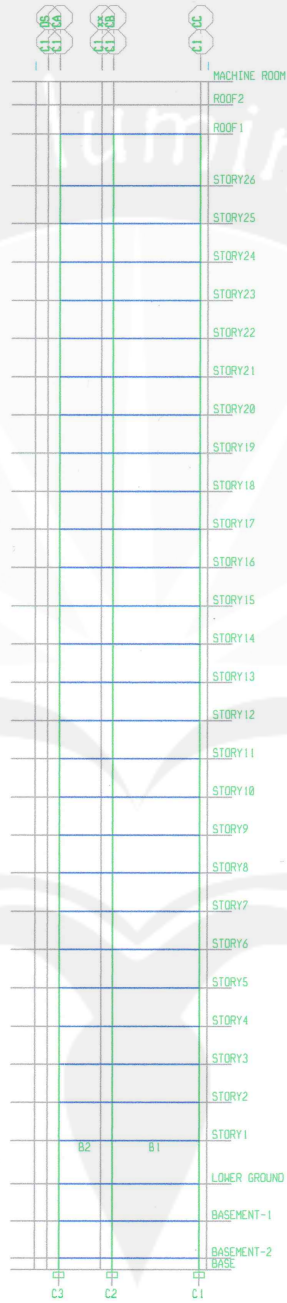
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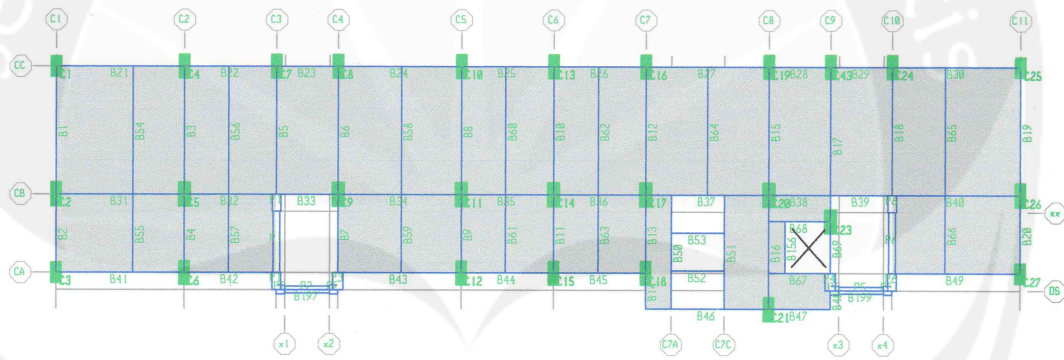


LAMPIRAN A
OUTPUT ETABS





serviens in lumine veritatis



MODE SHAPES

STORY	DIAPHRAGM	MODE	UX	UY	UZ	RX	RY	RZ
MACHINE ROO	D1	Mode 1	8,9222E-04	1,1051E-02	0,00000	0,00000	0,00000	-5,5596E-05
MACHINE ROO	D1	Mode 2	7,5925E-03	-5,0486E-03	0,00000	0,00000	0,00000	-3,2444E-04
MACHINE ROO	D1	Mode 3	-8,1929E-03	-6,7333E-03	0,00000	0,00000	0,00000	-5,8601E-04
MACHINE ROO	D1	Mode 4	1,0199E-02	-2,8080E-03	0,00000	0,00000	0,00000	-3,5649E-04
MACHINE ROO	D1	Mode 5	-1,0962E-03	1,3845E-02	0,00000	0,00000	0,00000	-1,8532E-05
MACHINE ROO	D1	Mode 6	-9,6140E-03	-9,2718E-03	0,00000	0,00000	0,00000	-6,8413E-04
MACHINE ROO	D1	Mode 7	-1,3201E-02	3,5254E-03	0,00000	0,00000	0,00000	4,3595E-04
MACHINE ROO	D1	Mode 8	-2,0733E-03	1,7430E-02	0,00000	0,00000	0,00000	-3,6260E-04
MACHINE ROO	D1	Mode 9	1,7892E-02	-2,9650E-03	0,00000	0,00000	0,00000	-3,9317E-04
MACHINE ROO	D1	Mode 10	1,1975E-02	1,3867E-02	0,00000	0,00000	0,00000	3,6279E-04
MACHINE ROO	D1	Mode 11	-1,5775E-02	3,9789E-02	0,00000	0,00000	0,00000	-3,9521E-03
MACHINE ROO	D1	Mode 12	-2,2121E-02	-1,0358E-02	0,00000	0,00000	0,00000	1,7612E-03
MACHINE ROO	D1	Mode 13	-1,4571E-03	-3,8378E-02	0,00000	0,00000	0,00000	6,5458E-03
MACHINE ROO	D1	Mode 14	-6,1191E-03	6,1596E-02	0,00000	0,00000	0,00000	-1,0648E-02
MACHINE ROO	D1	Mode 15	-3,2110E-03	-1,2433E-03	0,00000	0,00000	0,00000	-3,9000E-04
MACHINE ROO	D1	Mode 16	-5,6360E-02	3,3011E-03	0,00000	0,00000	0,00000	-2,5243E-03
MACHINE ROO	D1	Mode 17	-1,1627E-02	5,2283E-03	0,00000	0,00000	0,00000	-8,4676E-04
MACHINE ROO	D1	Mode 18	3,3919E-02	8,1066E-03	0,00000	0,00000	0,00000	-3,8744E-03
MACHINE ROO	D1	Mode 19	-7,0641E-03	-9,0872E-03	0,00000	0,00000	0,00000	1,1656E-03
MACHINE ROO	D1	Mode 20	7,6936E-02	5,1567E-03	0,00000	0,00000	0,00000	-4,9081E-04
MACHINE ROO	D1	Mode 21	-2,0492E-03	5,0437E-03	0,00000	0,00000	0,00000	-3,2615E-03
MACHINE ROO	D1	Mode 22	-7,1599E-03	-9,6354E-03	0,00000	0,00000	0,00000	1,1087E-05
MACHINE ROO	D1	Mode 23	6,8697E-03	-6,0560E-03	0,00000	0,00000	0,00000	1,5449E-03
MACHINE ROO	D1	Mode 24	5,6235E-03	3,3970E-03	0,00000	0,00000	0,00000	-5,5002E-04
MACHINE ROO	D1	Mode 25	-3,2620E-03	4,2170E-03	0,00000	0,00000	0,00000	-5,5846E-04
MACHINE ROO	D1	Mode 26	3,2634E-03	1,3793E-02	0,00000	0,00000	0,00000	-2,5470E-03
MACHINE ROO	D1	Mode 27	5,2313E-04	-1,6041E-02	0,00000	0,00000	0,00000	2,4497E-03
MACHINE ROO	D1	Mode 28	-2,1784E-02	-5,4327E-04	0,00000	0,00000	0,00000	-1,8831E-03
MACHINE ROO	D1	Mode 29	1,8452E-03	-6,4509E-03	0,00000	0,00000	0,00000	9,1323E-04
MACHINE ROO	D1	Mode 30	1,0963E-02	-2,3016E-03	0,00000	0,00000	0,00000	-3,2396E-03
MACHINE ROO	D1	Mode 31	3,3503E-03	-8,3705E-03	0,00000	0,00000	0,00000	1,2171E-03
ROOF2	D1	Mode 1	8,6754E-04	1,1323E-02	0,00000	0,00000	0,00000	-5,9630E-05
ROOF2	D1	Mode 2	7,5847E-03	-2,5423E-03	0,00000	0,00000	0,00000	-3,1864E-04
ROOF2	D1	Mode 3	-8,0807E-03	-2,0193E-03	0,00000	0,00000	0,00000	-5,8798E-04
ROOF2	D1	Mode 4	9,8046E-03	-2,4823E-04	0,00000	0,00000	0,00000	-3,2492E-04
ROOF2	D1	Mode 5	-1,1434E-03	1,3062E-02	0,00000	0,00000	0,00000	-2,2676E-05
ROOF2	D1	Mode 6	-8,8185E-03	-2,7753E-03	0,00000	0,00000	0,00000	-7,0087E-04
ROOF2	D1	Mode 7	-1,1513E-02	3,4416E-04	0,00000	0,00000	0,00000	3,8110E-04
ROOF2	D1	Mode 8	-1,7330E-03	1,3905E-02	0,00000	0,00000	0,00000	-5,1533E-05
ROOF2	D1	Mode 9	1,2756E-02	3,8372E-04	0,00000	0,00000	0,00000	-3,6370E-04
ROOF2	D1	Mode 10	8,1770E-03	3,1630E-03	0,00000	0,00000	0,00000	7,5859E-04
ROOF2	D1	Mode 11	-6,3875E-03	1,0488E-02	0,00000	0,00000	0,00000	7,9912E-05
ROOF2	D1	Mode 12	-1,0076E-02	-5,3056E-03	0,00000	0,00000	0,00000	4,4999E-04
ROOF2	D1	Mode 13	-9,7817E-04	3,1996E-03	0,00000	0,00000	0,00000	-1,2030E-05
ROOF2	D1	Mode 14	2,2560E-03	-6,1123E-03	0,00000	0,00000	0,00000	3,1999E-05
ROOF2	D1	Mode 15	-7,8852E-04	-1,3801E-03	0,00000	0,00000	0,00000	-9,8513E-05
ROOF2	D1	Mode 16	-8,3672E-03	-2,8899E-03	0,00000	0,00000	0,00000	-4,2238E-04
ROOF2	D1	Mode 17	-2,2790E-03	-5,8845E-04	0,00000	0,00000	0,00000	2,5231E-05
ROOF2	D1	Mode 18	2,9426E-03	-2,8493E-03	0,00000	0,00000	0,00000	-7,5936E-04
ROOF2	D1	Mode 19	-2,0992E-03	-5,2012E-04	0,00000	0,00000	0,00000	-4,0260E-05
ROOF2	D1	Mode 20	-9,5116E-03	-1,8087E-03	0,00000	0,00000	0,00000	4,9363E-05
ROOF2	D1	Mode 21	1,7959E-03	-1,2130E-02	0,00000	0,00000	0,00000	6,5788E-05
ROOF2	D1	Mode 22	1,8077E-03	-7,2628E-03	0,00000	0,00000	0,00000	3,4076E-05
ROOF2	D1	Mode 23	-9,6681E-04	3,9802E-03	0,00000	0,00000	0,00000	-9,3939E-05
ROOF2	D1	Mode 24	-3,4579E-04	-5,2893E-04	0,00000	0,00000	0,00000	4,1885E-05
ROOF2	D1	Mode 25	-1,5332E-04	3,6735E-04	0,00000	0,00000	0,00000	2,0348E-05
ROOF2	D1	Mode 26	4,9335E-04	-1,2955E-03	0,00000	0,00000	0,00000	-3,0075E-05
ROOF2	D1	Mode 27	1,9261E-03	1,1449E-03	0,00000	0,00000	0,00000	-8,1675E-05
ROOF2	D1	Mode 28	1,3175E-02	-4,0646E-04	0,00000	0,00000	0,00000	-4,7595E-04
ROOF2	D1	Mode 29	7,1246E-04	1,7939E-04	0,00000	0,00000	0,00000	-3,8269E-05
ROOF2	D1	Mode 30	-8,9059E-03	-5,0045E-03	0,00000	0,00000	0,00000	-7,2512E-04
ROOF2	D1	Mode 31	-1,2878E-03	-5,4175E-04	0,00000	0,00000	0,00000	-3,2029E-05
ROOF1	D1	Mode 1	1,1085E-03	1,1219E-02	0,00000	0,00000	0,00000	-5,8674E-05
ROOF1	D1	Mode 2	8,8290E-03	-1,5910E-03	0,00000	0,00000	0,00000	-3,1320E-04
ROOF1	D1	Mode 3	-5,4326E-03	-3,2544E-04	0,00000	0,00000	0,00000	-5,7328E-04
ROOF1	D1	Mode 4	1,0390E-02	6,3232E-04	0,00000	0,00000	0,00000	-3,0127E-04
ROOF1	D1	Mode 5	-9,5089E-04	1,1920E-02	0,00000	0,00000	0,00000	-2,1872E-05
ROOF1	D1	Mode 6	-5,2402E-03	-6,6567E-04	0,00000	0,00000	0,00000	-6,3518E-04
ROOF1	D1	Mode 7	-1,1285E-02	-6,6002E-04	0,00000	0,00000	0,00000	3,2838E-04
ROOF1	D1	Mode 8	-1,2396E-03	1,1853E-02	0,00000	0,00000	0,00000	-4,8401E-05
ROOF1	D1	Mode 9	1,1296E-02	1,1730E-03	0,00000	0,00000	0,00000	-2,8634E-04
ROOF1	D1	Mode 10	4,0825E-03	7,2236E-04	0,00000	0,00000	0,00000	6,3918E-04
ROOF1	D1	Mode 11	-4,7693E-03	7,8189E-03	0,00000	0,00000	0,00000	3,9630E-05
ROOF1	D1	Mode 12	-8,4692E-03	-5,0704E-03	0,00000	0,00000	0,00000	3,3699E-04
ROOF1	D1	Mode 13	-6,5673E-04	2,8573E-03	0,00000	0,00000	0,00000	-1,4554E-06
ROOF1	D1	Mode 14	1,7908E-03	-5,5469E-03	0,00000	0,00000	0,00000	1,1386E-05
ROOF1	D1	Mode 15	-1,7244E-04	-9,3704E-04	0,00000	0,00000	0,00000	-7,0217E-05
ROOF1	D1	Mode 16	-3,5783E-03	-1,1811E-03	0,00000	0,00000	0,00000	-3,5635E-04
ROOF1	D1	Mode 17	-1,2574E-03	-6,1843E-04	0,00000	0,00000	0,00000	2,7707E-06

MODE SHAPES

STORY	DIAPHRAGM	MODE	UX	UY	UZ	RX	RY	RZ
ROOF1	D1	Mode 18	2,9421E-03	-7,0438E-04	0,00000	0,00000	0,00000	-5,6135E-04
ROOF1	D1	Mode 19	-1,4856E-03	-4,0756E-04	0,00000	0,00000	0,00000	-3,7154E-05
ROOF1	D1	Mode 20	-9,2665E-03	-1,6261E-03	0,00000	0,00000	0,00000	3,2247E-05
ROOF1	D1	Mode 21	1,1404E-03	-9,0892E-03	0,00000	0,00000	0,00000	5,1345E-05
ROOF1	D1	Mode 22	1,5348E-03	-5,5384E-03	0,00000	0,00000	0,00000	2,6858E-05
ROOF1	D1	Mode 23	-6,3448E-04	3,3536E-03	0,00000	0,00000	0,00000	-8,1323E-05
ROOF1	D1	Mode 24	-7,1227E-04	-5,2266E-04	0,00000	0,00000	0,00000	3,9340E-05
ROOF1	D1	Mode 25	-5,1113E-05	2,6916E-04	0,00000	0,00000	0,00000	1,5469E-05
ROOF1	D1	Mode 26	1,7806E-04	-1,0934E-03	0,00000	0,00000	0,00000	-2,1346E-05
ROOF1	D1	Mode 27	1,4141E-03	1,1861E-03	0,00000	0,00000	0,00000	-4,3408E-05
ROOF1	D1	Mode 28	1,0656E-02	6,9260E-04	0,00000	0,00000	0,00000	-3,0710E-04
ROOF1	D1	Mode 29	6,5552E-04	2,9159E-04	0,00000	0,00000	0,00000	-2,4975E-05
ROOF1	D1	Mode 30	-5,0678E-03	-1,9658E-03	0,00000	0,00000	0,00000	-5,2850E-04
ROOF1	D1	Mode 31	-1,0389E-03	-2,4564E-04	0,00000	0,00000	0,00000	-2,1530E-05
STORY26	D1	Mode 1	1,0805E-03	1,0722E-02	0,00000	0,00000	0,00000	-5,6970E-05
STORY26	D1	Mode 2	8,6021E-03	-1,5305E-03	0,00000	0,00000	0,00000	-3,0335E-04
STORY26	D1	Mode 3	-5,2176E-03	-3,2334E-04	0,00000	0,00000	0,00000	-5,4693E-04
STORY26	D1	Mode 4	8,9223E-03	5,3489E-04	0,00000	0,00000	0,00000	-2,5833E-04
STORY26	D1	Mode 5	-7,8112E-04	9,7457E-03	0,00000	0,00000	0,00000	-2,0458E-05
STORY26	D1	Mode 6	-4,2262E-03	-4,9534E-04	0,00000	0,00000	0,00000	-5,1679E-04
STORY26	D1	Mode 7	-7,8990E-03	-4,9763E-04	0,00000	0,00000	0,00000	2,3301E-04
STORY26	D1	Mode 8	-7,5192E-04	7,8534E-03	0,00000	0,00000	0,00000	-4,1957E-05
STORY26	D1	Mode 9	5,8304E-03	7,1973E-04	0,00000	0,00000	0,00000	-1,4810E-04
STORY26	D1	Mode 10	2,5955E-03	2,6652E-04	0,00000	0,00000	0,00000	4,2093E-04
STORY26	D1	Mode 11	-1,3017E-03	3,3042E-03	0,00000	0,00000	0,00000	-2,7007E-05
STORY26	D1	Mode 12	-2,2016E-03	-2,2840E-03	0,00000	0,00000	0,00000	1,3723E-04
STORY26	D1	Mode 13	-2,4049E-04	2,1730E-03	0,00000	0,00000	0,00000	1,9108E-05
STORY26	D1	Mode 14	1,1006E-03	-4,3410E-03	0,00000	0,00000	0,00000	-2,5150E-05
STORY26	D1	Mode 15	2,1643E-04	-6,4628E-04	0,00000	0,00000	0,00000	-1,8682E-05
STORY26	D1	Mode 16	8,9974E-04	-4,1820E-04	0,00000	0,00000	0,00000	-2,1479E-04
STORY26	D1	Mode 17	5,5033E-04	-5,3793E-04	0,00000	0,00000	0,00000	-3,0723E-05
STORY26	D1	Mode 18	-2,1979E-03	-7,4712E-04	0,00000	0,00000	0,00000	-2,1450E-04
STORY26	D1	Mode 19	-7,1949E-04	-4,1164E-04	0,00000	0,00000	0,00000	-3,0032E-05
STORY26	D1	Mode 20	-5,9974E-03	-8,7063E-04	0,00000	0,00000	0,00000	-2,6685E-05
STORY26	D1	Mode 21	3,8619E-04	-3,0321E-03	0,00000	0,00000	0,00000	1,8645E-05
STORY26	D1	Mode 22	9,7296E-04	-2,1937E-03	0,00000	0,00000	0,00000	1,4456E-05
STORY26	D1	Mode 23	-6,0294E-04	1,6729E-03	0,00000	0,00000	0,00000	-5,9485E-05
STORY26	D1	Mode 24	-8,3736E-04	-3,2249E-04	0,00000	0,00000	0,00000	3,3168E-05
STORY26	D1	Mode 25	2,3911E-04	1,9800E-04	0,00000	0,00000	0,00000	8,7400E-06
STORY26	D1	Mode 26	-5,2178E-04	-8,9073E-04	0,00000	0,00000	0,00000	-1,2643E-05
STORY26	D1	Mode 27	-4,4781E-04	8,7781E-04	0,00000	0,00000	0,00000	2,5164E-05
STORY26	D1	Mode 28	1,0865E-03	9,6912E-05	0,00000	0,00000	0,00000	0,00000
STORY26	D1	Mode 29	7,4211E-05	3,1311E-04	0,00000	0,00000	0,00000	-1,4432E-06
STORY26	D1	Mode 30	-2,5012E-03	-3,4723E-04	0,00000	0,00000	0,00000	-1,7081E-04
STORY26	D1	Mode 31	-6,1839E-04	1,7883E-04	0,00000	0,00000	0,00000	-5,1622E-06
STORY25	D1	Mode 1	1,0591E-03	1,0357E-02	0,00000	0,00000	0,00000	-5,5670E-05
STORY25	D1	Mode 2	8,4302E-03	-1,4708E-03	0,00000	0,00000	0,00000	-2,9588E-04
STORY25	D1	Mode 3	-5,0554E-03	-2,9479E-04	0,00000	0,00000	0,00000	-5,2744E-04
STORY25	D1	Mode 4	7,8006E-03	4,7305E-04	0,00000	0,00000	0,00000	-2,2538E-04
STORY25	D1	Mode 5	-6,5667E-04	8,1302E-03	0,00000	0,00000	0,00000	-1,9196E-05
STORY25	D1	Mode 6	-3,4786E-03	-3,4807E-04	0,00000	0,00000	0,00000	-4,2878E-04
STORY25	D1	Mode 7	-5,3592E-03	-3,8303E-04	0,00000	0,00000	0,00000	1,6118E-04
STORY25	D1	Mode 8	-4,0868E-04	4,9043E-03	0,00000	0,00000	0,00000	-3,5813E-05
STORY25	D1	Mode 9	1,9298E-03	3,9444E-04	0,00000	0,00000	0,00000	-4,9588E-05
STORY25	D1	Mode 10	1,5410E-03	-5,1187E-05	0,00000	0,00000	0,00000	2,5886E-04
STORY25	D1	Mode 11	9,1588E-04	1,4298E-04	0,00000	0,00000	0,00000	-6,4453E-05
STORY25	D1	Mode 12	1,8510E-03	-3,3610E-04	0,00000	0,00000	0,00000	4,1084E-06
STORY25	D1	Mode 13	3,9145E-05	1,5082E-03	0,00000	0,00000	0,00000	3,1956E-05
STORY25	D1	Mode 14	4,9598E-04	-3,1674E-03	0,00000	0,00000	0,00000	-4,6136E-05
STORY25	D1	Mode 15	4,5845E-04	-4,0867E-04	0,00000	0,00000	0,00000	1,7469E-05
STORY25	D1	Mode 16	3,0971E-03	6,3993E-05	0,00000	0,00000	0,00000	-8,9507E-05
STORY25	D1	Mode 17	1,4336E-03	-4,4769E-04	0,00000	0,00000	0,00000	-4,3573E-05
STORY25	D1	Mode 18	-4,6367E-03	-6,5097E-04	0,00000	0,00000	0,00000	6,3576E-06
STORY25	D1	Mode 19	-2,1292E-04	-3,8945E-04	0,00000	0,00000	0,00000	-2,2634E-05
STORY25	D1	Mode 20	-2,4519E-03	-2,4674E-04	0,00000	0,00000	0,00000	-8,3315E-05
STORY25	D1	Mode 21	-1,4806E-04	1,1757E-03	0,00000	0,00000	0,00000	-5,7798E-06
STORY25	D1	Mode 22	4,0706E-04	1,2213E-04	0,00000	0,00000	0,00000	6,7267E-06
STORY25	D1	Mode 23	-4,4885E-04	4,2746E-04	0,00000	0,00000	0,00000	-4,2119E-05
STORY25	D1	Mode 24	-6,5903E-04	-1,5501E-04	0,00000	0,00000	0,00000	2,3288E-05
STORY25	D1	Mode 25	3,2744E-04	1,4342E-04	0,00000	0,00000	0,00000	6,1839E-06
STORY25	D1	Mode 26	-7,9536E-04	-6,4315E-04	0,00000	0,00000	0,00000	-1,1152E-05
STORY25	D1	Mode 27	-1,3401E-03	6,0428E-04	0,00000	0,00000	0,00000	5,9018E-05
STORY25	D1	Mode 28	-4,4558E-03	-2,5315E-04	0,00000	0,00000	0,00000	1,7055E-04
STORY25	D1	Mode 29	-2,6942E-04	2,9382E-04	0,00000	0,00000	0,00000	1,2162E-05
STORY25	D1	Mode 30	-1,3305E-04	6,5803E-04	0,00000	0,00000	0,00000	6,5951E-05
STORY25	D1	Mode 31	-1,6050E-04	3,9285E-04	0,00000	0,00000	0,00000	2,6088E-06
STORY24	D1	Mode 1	1,0350E-03	9,9828E-03	0,00000	0,00000	0,00000	-5,4271E-05
STORY24	D1	Mode 2	8,2395E-03	-1,4159E-03	0,00000	0,00000	0,00000	-2,8799E-04

MODE SHAPES

STORY	DIAPHRAGM	MODE	UX	UY	UZ	RX	RY	RZ
STORY24	D1	Mode 3	-4,8944E-03	-2,7692E-04	0,00000	0,00000	0,00000	-5,0756E-04
STORY24	D1	Mode 4	6,5863E-03	4,0056E-04	0,00000	0,00000	0,00000	-1,8999E-04
STORY24	D1	Mode 5	-5,2928E-04	6,4768E-03	0,00000	0,00000	0,00000	-1,7584E-05
STORY24	D1	Mode 6	-2,7272E-03	-2,1749E-04	0,00000	0,00000	0,00000	-3,3915E-04
STORY24	D1	Mode 7	-2,7316E-03	-2,5292E-04	0,00000	0,00000	0,00000	8,7042E-05
STORY24	D1	Mode 8	-8,7643E-05	1,9800E-03	0,00000	0,00000	0,00000	-2,8045E-05
STORY24	D1	Mode 9	-1,7243E-03	7,2025E-05	0,00000	0,00000	0,00000	4,2061E-05
STORY24	D1	Mode 10	5,4638E-04	-3,0873E-04	0,00000	0,00000	0,00000	9,8280E-05
STORY24	D1	Mode 11	2,5916E-03	-2,6663E-03	0,00000	0,00000	0,00000	-8,5931E-05
STORY24	D1	Mode 12	4,9520E-03	1,3972E-03	0,00000	0,00000	0,00000	-1,0346E-04
STORY24	D1	Mode 13	2,8898E-04	7,3775E-04	0,00000	0,00000	0,00000	4,0987E-05
STORY24	D1	Mode 14	-1,7383E-04	-1,7555E-03	0,00000	0,00000	0,00000	-5,9479E-05
STORY24	D1	Mode 15	6,0142E-04	-1,5222E-04	0,00000	0,00000	0,00000	4,8701E-05
STORY24	D1	Mode 16	4,0164E-03	4,2233E-04	0,00000	0,00000	0,00000	4,8780E-05
STORY24	D1	Mode 17	1,7318E-03	-3,2550E-04	0,00000	0,00000	0,00000	-4,1501E-05
STORY24	D1	Mode 18	-5,2768E-03	-4,3400E-04	0,00000	0,00000	0,00000	1,7087E-04
STORY24	D1	Mode 19	2,1406E-04	-3,2091E-04	0,00000	0,00000	0,00000	-1,2986E-05
STORY24	D1	Mode 20	1,3646E-03	3,4466E-04	0,00000	0,00000	0,00000	-1,3079E-04
STORY24	D1	Mode 21	-5,8053E-04	4,5514E-03	0,00000	0,00000	0,00000	-2,6550E-05
STORY24	D1	Mode 22	-2,0984E-04	2,0517E-03	0,00000	0,00000	0,00000	0,00000
STORY24	D1	Mode 23	-2,1038E-04	-7,1078E-04	0,00000	0,00000	0,00000	-2,2496E-05
STORY24	D1	Mode 24	-2,4188E-04	2,5750E-05	0,00000	0,00000	0,00000	7,3223E-06
STORY24	D1	Mode 25	2,7800E-04	7,3797E-05	0,00000	0,00000	0,00000	5,4393E-06
STORY24	D1	Mode 26	-7,3033E-04	-3,0030E-04	0,00000	0,00000	0,00000	-1,3743E-05
STORY24	D1	Mode 27	-1,4444E-03	2,7446E-04	0,00000	0,00000	0,00000	6,6977E-05
STORY24	D1	Mode 28	-6,8892E-03	-4,1354E-04	0,00000	0,00000	0,00000	2,4308E-04
STORY24	D1	Mode 29	-4,1109E-04	2,1501E-04	0,00000	0,00000	0,00000	1,9186E-05
STORY24	D1	Mode 30	2,1809E-03	1,3167E-03	0,00000	0,00000	0,00000	2,4944E-04
STORY24	D1	Mode 31	3,0620E-04	4,6795E-04	0,00000	0,00000	0,00000	8,0397E-06
STORY23	D1	Mode 1	1,0091E-03	9,5973E-03	0,00000	0,00000	0,00000	-5,2753E-05
STORY23	D1	Mode 2	8,0343E-03	-1,3588E-03	0,00000	0,00000	0,00000	-2,7958E-04
STORY23	D1	Mode 3	-4,7208E-03	-2,5784E-04	0,00000	0,00000	0,00000	-4,8719E-04
STORY23	D1	Mode 4	5,2850E-03	3,2282E-04	0,00000	0,00000	0,00000	-1,5217E-04
STORY23	D1	Mode 5	-3,9981E-04	4,7932E-03	0,00000	0,00000	0,00000	-1,5612E-05
STORY23	D1	Mode 6	-1,9686E-03	-9,4486E-05	0,00000	0,00000	0,00000	-2,4842E-04
STORY23	D1	Mode 7	-1,1993E-04	-1,1631E-04	0,00000	0,00000	0,00000	1,3263E-05
STORY23	D1	Mode 8	1,9513E-04	-8,0827E-04	0,00000	0,00000	0,00000	-1,8920E-05
STORY23	D1	Mode 9	-4,7937E-03	-2,2058E-04	0,00000	0,00000	0,00000	1,1823E-04
STORY23	D1	Mode 10	-3,6512E-04	-5,0539E-04	0,00000	0,00000	0,00000	-5,4089E-05
STORY23	D1	Mode 11	3,4875E-03	-4,8684E-03	0,00000	0,00000	0,00000	-8,7571E-05
STORY23	D1	Mode 12	6,5841E-03	2,7369E-03	0,00000	0,00000	0,00000	-1,7022E-04
STORY23	D1	Mode 13	4,7758E-04	-5,6728E-05	0,00000	0,00000	0,00000	4,5429E-05
STORY23	D1	Mode 14	-7,9136E-04	-2,4325E-04	0,00000	0,00000	0,00000	-6,5073E-05
STORY23	D1	Mode 15	6,3777E-04	1,0190E-04	0,00000	0,00000	0,00000	7,1522E-05
STORY23	D1	Mode 16	3,6775E-03	6,3962E-04	0,00000	0,00000	0,00000	1,8381E-04
STORY23	D1	Mode 17	1,4079E-03	-1,7977E-04	0,00000	0,00000	0,00000	-2,4503E-05
STORY23	D1	Mode 18	-3,9170E-03	-1,0093E-04	0,00000	0,00000	0,00000	2,6030E-04
STORY23	D1	Mode 19	4,8713E-04	-2,0421E-04	0,00000	0,00000	0,00000	-1,0146E-06
STORY23	D1	Mode 20	4,2517E-03	7,7413E-04	0,00000	0,00000	0,00000	-1,4322E-04
STORY23	D1	Mode 21	-8,2834E-04	6,5222E-03	0,00000	0,00000	0,00000	-3,9740E-05
STORY23	D1	Mode 22	-7,1167E-04	3,2874E-03	0,00000	0,00000	0,00000	-4,7815E-06
STORY23	D1	Mode 23	5,5897E-05	-1,5518E-03	0,00000	0,00000	0,00000	-2,2842E-06
STORY23	D1	Mode 24	2,5825E-04	1,8172E-04	0,00000	0,00000	0,00000	-1,0289E-05
STORY23	D1	Mode 25	1,2080E-04	-4,0043E-06	0,00000	0,00000	0,00000	5,6490E-06
STORY23	D1	Mode 26	-3,7125E-04	7,5753E-05	0,00000	0,00000	0,00000	-1,8151E-05
STORY23	D1	Mode 27	-7,5700E-04	-5,5844E-05	0,00000	0,00000	0,00000	4,7837E-05
STORY23	D1	Mode 28	-5,4091E-03	-3,2759E-04	0,00000	0,00000	0,00000	1,9706E-04
STORY23	D1	Mode 29	-3,1030E-04	9,3612E-05	0,00000	0,00000	0,00000	1,8003E-05
STORY23	D1	Mode 30	3,7676E-03	1,5222E-03	0,00000	0,00000	0,00000	3,5587E-04
STORY23	D1	Mode 31	6,0235E-04	3,8767E-04	0,00000	0,00000	0,00000	1,2774E-05
STORY22	D1	Mode 1	9,8160E-04	9,2012E-03	0,00000	0,00000	0,00000	-5,1133E-05
STORY22	D1	Mode 2	7,8167E-03	-1,3001E-03	0,00000	0,00000	0,00000	-2,7070E-04
STORY22	D1	Mode 3	-4,5420E-03	-2,3861E-04	0,00000	0,00000	0,00000	-4,6639E-04
STORY22	D1	Mode 4	3,9525E-03	2,4162E-04	0,00000	0,00000	0,00000	-1,1296E-04
STORY22	D1	Mode 5	-2,7300E-04	3,1050E-03	0,00000	0,00000	0,00000	-1,3354E-05
STORY22	D1	Mode 6	-1,2306E-03	1,9141E-05	0,00000	0,00000	0,00000	-1,5807E-04
STORY22	D1	Mode 7	2,2573E-03	1,6927E-05	0,00000	0,00000	0,00000	-5,5175E-05
STORY22	D1	Mode 8	4,2044E-04	-3,3139E-03	0,00000	0,00000	0,00000	-9,0573E-06
STORY22	D1	Mode 9	-6,8796E-03	-4,5418E-04	0,00000	0,00000	0,00000	1,6942E-04
STORY22	D1	Mode 10	-1,1548E-03	-6,3715E-04	0,00000	0,00000	0,00000	-1,8968E-04
STORY22	D1	Mode 11	3,4947E-03	-6,2387E-03	0,00000	0,00000	0,00000	-6,8839E-05
STORY22	D1	Mode 12	6,4729E-03	3,5348E-03	0,00000	0,00000	0,00000	-1,8701E-04
STORY22	D1	Mode 13	5,7351E-04	-7,7400E-04	0,00000	0,00000	0,00000	4,4760E-05
STORY22	D1	Mode 14	-1,2255E-03	1,1768E-03	0,00000	0,00000	0,00000	-6,3339E-05
STORY22	D1	Mode 15	6,2424E-04	3,2076E-04	0,00000	0,00000	0,00000	8,3063E-05
STORY22	D1	Mode 16	2,4460E-03	7,1926E-04	0,00000	0,00000	0,00000	2,9353E-04
STORY22	D1	Mode 17	6,1857E-04	-2,5779E-05	0,00000	0,00000	0,00000	2,4180E-06
STORY22	D1	Mode 18	-1,0511E-03	2,9199E-04	0,00000	0,00000	0,00000	2,7330E-04
STORY22	D1	Mode 19	5,2605E-04	-6,3788E-05	0,00000	0,00000	0,00000	1,2480E-05

MODE SHAPES

STORY	DIAPHRAGM	MODE	UX	UY	UZ	RX	RY	RZ
STORY22	D1	Mode 20	5,2808E-03	9,4724E-04	0,00000	0,00000	0,00000	-1,0572E-04
STORY22	D1	Mode 21	-8,5756E-04	6,7783E-03	0,00000	0,00000	0,00000	-4,2883E-05
STORY22	D1	Mode 22	-9,3849E-04	3,6012E-03	0,00000	0,00000	0,00000	-9,6708E-06
STORY22	D1	Mode 23	2,6483E-04	-1,9312E-03	0,00000	0,00000	0,00000	1,5322E-05
STORY22	D1	Mode 24	6,3530E-04	2,6383E-04	0,00000	0,00000	0,00000	-2,2460E-05
STORY22	D1	Mode 25	-6,5111E-05	-6,5591E-05	0,00000	0,00000	0,00000	5,7622E-06
STORY22	D1	Mode 26	3,9157E-05	3,8951E-04	0,00000	0,00000	0,00000	-2,0735E-05
STORY22	D1	Mode 27	3,2656E-04	-3,1475E-04	0,00000	0,00000	0,00000	1,1710E-05
STORY22	D1	Mode 28	-1,1089E-03	-6,2993E-05	0,00000	0,00000	0,00000	6,3103E-05
STORY22	D1	Mode 29	-8,5109E-05	-3,8161E-05	0,00000	0,00000	0,00000	1,0603E-05
STORY22	D1	Mode 30	4,1166E-03	1,2664E-03	0,00000	0,00000	0,00000	3,7344E-04
STORY22	D1	Mode 31	6,1221E-04	1,8012E-04	0,00000	0,00000	0,00000	1,7225E-05
STORY21	D1	Mode 1	9,5067E-04	8,7921E-03	0,00000	0,00000	0,00000	-4,9385E-05
STORY21	D1	Mode 2	7,5746E-03	-1,2411E-03	0,00000	0,00000	0,00000	-2,6123E-04
STORY21	D1	Mode 3	-4,3620E-03	-2,2208E-04	0,00000	0,00000	0,00000	-4,4500E-04
STORY21	D1	Mode 4	2,5614E-03	1,5618E-04	0,00000	0,00000	0,00000	-7,2286E-05
STORY21	D1	Mode 5	-1,4710E-04	1,4257E-03	0,00000	0,00000	0,00000	-1,0821E-05
STORY21	D1	Mode 6	-5,0791E-04	1,2099E-04	0,00000	0,00000	0,00000	-6,8753E-05
STORY21	D1	Mode 7	4,3633E-03	1,4205E-04	0,00000	0,00000	0,00000	-1,1592E-04
STORY21	D1	Mode 8	5,8529E-04	-5,4294E-03	0,00000	0,00000	0,00000	1,0744E-06
STORY21	D1	Mode 9	-7,8770E-03	-6,1221E-04	0,00000	0,00000	0,00000	1,9158E-04
STORY21	D1	Mode 10	-1,8265E-03	-7,0397E-04	0,00000	0,00000	0,00000	-3,0235E-04
STORY21	D1	Mode 11	2,7011E-03	-6,6629E-03	0,00000	0,00000	0,00000	-3,3525E-05
STORY21	D1	Mode 12	4,7642E-03	3,7280E-03	0,00000	0,00000	0,00000	-1,5594E-04
STORY21	D1	Mode 13	5,7023E-04	-1,3266E-03	0,00000	0,00000	0,00000	3,9087E-05
STORY21	D1	Mode 14	-1,4090E-03	2,3308E-03	0,00000	0,00000	0,00000	-5,5533E-05
STORY21	D1	Mode 15	5,3096E-04	4,8301E-04	0,00000	0,00000	0,00000	8,2298E-05
STORY21	D1	Mode 16	8,0842E-04	6,7999E-04	0,00000	0,00000	0,00000	3,5839E-04
STORY21	D1	Mode 17	-3,6862E-04	1,2344E-04	0,00000	0,00000	0,00000	3,1481E-05
STORY21	D1	Mode 18	2,4930E-03	6,6497E-04	0,00000	0,00000	0,00000	2,2534E-04
STORY21	D1	Mode 19	4,0374E-04	9,1039E-05	0,00000	0,00000	0,00000	2,5276E-05
STORY21	D1	Mode 20	4,3146E-03	8,4506E-04	0,00000	0,00000	0,00000	-2,1862E-05
STORY21	D1	Mode 21	-6,7179E-04	5,3436E-03	0,00000	0,00000	0,00000	-3,5724E-05
STORY21	D1	Mode 22	-8,5777E-04	3,0133E-03	0,00000	0,00000	0,00000	-1,4050E-05
STORY21	D1	Mode 23	4,0031E-04	-1,8051E-03	0,00000	0,00000	0,00000	2,8989E-05
STORY21	D1	Mode 24	7,4294E-04	2,6595E-04	0,00000	0,00000	0,00000	-2,6177E-05
STORY21	D1	Mode 25	-2,1786E-04	-1,0868E-04	0,00000	0,00000	0,00000	4,1581E-06
STORY21	D1	Mode 26	4,1128E-04	5,7896E-04	0,00000	0,00000	0,00000	-1,7976E-05
STORY21	D1	Mode 27	1,3215E-03	-4,7059E-04	0,00000	0,00000	0,00000	-2,6330E-05
STORY21	D1	Mode 28	3,8836E-03	2,4428E-04	0,00000	0,00000	0,00000	-9,6419E-05
STORY21	D1	Mode 29	2,0083E-04	-1,5164E-04	0,00000	0,00000	0,00000	0,00000
STORY21	D1	Mode 30	3,1969E-03	6,5851E-04	0,00000	0,00000	0,00000	3,0511E-04
STORY21	D1	Mode 31	3,6215E-04	-8,5664E-05	0,00000	0,00000	0,00000	2,0493E-05
STORY20	D1	Mode 1	9,1721E-04	8,3704E-03	0,00000	0,00000	0,00000	-4,7511E-05
STORY20	D1	Mode 2	7,3120E-03	-1,1804E-03	0,00000	0,00000	0,00000	-2,5115E-04
STORY20	D1	Mode 3	-4,1741E-03	-2,0595E-04	0,00000	0,00000	0,00000	-4,2305E-04
STORY20	D1	Mode 4	1,1439E-03	6,9102E-05	0,00000	0,00000	0,00000	-3,0863E-05
STORY20	D1	Mode 5	-2,3852E-05	-2,1572E-04	0,00000	0,00000	0,00000	-8,1036E-06
STORY20	D1	Mode 6	1,8971E-04	2,1132E-04	0,00000	0,00000	0,00000	1,7988E-05
STORY20	D1	Mode 7	6,0623E-03	2,5044E-04	0,00000	0,00000	0,00000	-1,6540E-04
STORY20	D1	Mode 8	6,8421E-04	-7,0360E-03	0,00000	0,00000	0,00000	1,0728E-05
STORY20	D1	Mode 9	-7,6863E-03	-6,8124E-04	0,00000	0,00000	0,00000	1,8248E-04
STORY20	D1	Mode 10	-2,3592E-03	-7,0906E-04	0,00000	0,00000	0,00000	-3,8554E-04
STORY20	D1	Mode 11	1,3182E-03	-6,1098E-03	0,00000	0,00000	0,00000	1,1300E-05
STORY20	D1	Mode 12	1,8724E-03	3,3201E-03	0,00000	0,00000	0,00000	-8,7353E-05
STORY20	D1	Mode 13	4,6786E-04	-1,6406E-03	0,00000	0,00000	0,00000	2,8863E-05
STORY20	D1	Mode 14	-1,3016E-03	3,0606E-03	0,00000	0,00000	0,00000	-4,2738E-05
STORY20	D1	Mode 15	3,8237E-04	5,6596E-04	0,00000	0,00000	0,00000	6,9507E-05
STORY20	D1	Mode 16	-6,9209E-04	5,5189E-04	0,00000	0,00000	0,00000	3,6305E-04
STORY20	D1	Mode 17	-1,2322E-03	2,5295E-04	0,00000	0,00000	0,00000	5,3814E-05
STORY20	D1	Mode 18	5,5822E-03	9,2395E-04	0,00000	0,00000	0,00000	1,4253E-04
STORY20	D1	Mode 19	1,8203E-04	2,3412E-04	0,00000	0,00000	0,00000	3,4536E-05
STORY20	D1	Mode 20	1,8180E-03	5,1821E-04	0,00000	0,00000	0,00000	8,6402E-05
STORY20	D1	Mode 21	-3,2303E-04	2,5889E-03	0,00000	0,00000	0,00000	-1,9993E-05
STORY20	D1	Mode 22	-5,0636E-04	1,6817E-03	0,00000	0,00000	0,00000	-1,6964E-05
STORY20	D1	Mode 23	4,3456E-04	-1,2170E-03	0,00000	0,00000	0,00000	3,6697E-05
STORY20	D1	Mode 24	5,3979E-04	1,8709E-04	0,00000	0,00000	0,00000	-2,0050E-05
STORY20	D1	Mode 25	-2,7877E-04	-1,2305E-04	0,00000	0,00000	0,00000	0,00000
STORY20	D1	Mode 26	5,8793E-04	5,9798E-04	0,00000	0,00000	0,00000	-8,4648E-06
STORY20	D1	Mode 27	1,7374E-03	-5,0134E-04	0,00000	0,00000	0,00000	-5,1099E-05
STORY20	D1	Mode 28	7,0899E-03	4,3312E-04	0,00000	0,00000	0,00000	-2,0949E-04
STORY20	D1	Mode 29	3,9690E-04	-2,2030E-04	0,00000	0,00000	0,00000	-9,2882E-06
STORY20	D1	Mode 30	1,3200E-03	-1,1604E-04	0,00000	0,00000	0,00000	1,6621E-04
STORY20	D1	Mode 31	-1,6201E-05	-3,2353E-04	0,00000	0,00000	0,00000	1,9832E-05
STORY19	D1	Mode 1	8,8128E-04	7,9365E-03	0,00000	0,00000	0,00000	-4,5513E-05
STORY19	D1	Mode 2	7,0287E-03	-1,1180E-03	0,00000	0,00000	0,00000	-2,4045E-04
STORY19	D1	Mode 3	-3,9778E-03	-1,8974E-04	0,00000	0,00000	0,00000	-4,0053E-04
STORY19	D1	Mode 4	-2,7241E-04	-1,7845E-05	0,00000	0,00000	0,00000	1,0479E-05

MODE SHAPES

STORY	DIAPHRAGM	MODE	UX	UY	UZ	RX	RY	RZ
STORY19	D1	Mode 5	9,4889E-05	-1,7902E-03	0,00000	0,00000	0,00000	-5,2781E-06
STORY19	D1	Mode 6	8,5249E-04	2,8929E-04	0,00000	0,00000	0,00000	1,0068E-04
STORY19	D1	Mode 7	7,2534E-03	3,3545E-04	0,00000	0,00000	0,00000	-2,0062E-04
STORY19	D1	Mode 8	7,1685E-04	-8,0467E-03	0,00000	0,00000	0,00000	1,9203E-05
STORY19	D1	Mode 9	-6,3709E-03	-6,5909E-04	0,00000	0,00000	0,00000	1,4403E-04
STORY19	D1	Mode 10	-2,7377E-03	-6,5901E-04	0,00000	0,00000	0,00000	-4,3466E-04
STORY19	D1	Mode 11	-3,2598E-04	-4,6710E-03	0,00000	0,00000	0,00000	5,6145E-05
STORY19	D1	Mode 12	-1,5241E-03	2,4006E-03	0,00000	0,00000	0,00000	0,00000
STORY19	D1	Mode 13	2,8387E-04	-1,6756E-03	0,00000	0,00000	0,00000	1,5108E-05
STORY19	D1	Mode 14	-9,2454E-04	3,2684E-03	0,00000	0,00000	0,00000	-2,6282E-05
STORY19	D1	Mode 15	2,0021E-04	5,5863E-04	0,00000	0,00000	0,00000	4,6406E-05
STORY19	D1	Mode 16	-1,6236E-03	3,7028E-04	0,00000	0,00000	0,00000	3,0182E-04
STORY19	D1	Mode 17	-1,6965E-03	3,4905E-04	0,00000	0,00000	0,00000	6,2142E-05
STORY19	D1	Mode 18	7,1955E-03	9,9300E-04	0,00000	0,00000	0,00000	5,4651E-05
STORY19	D1	Mode 19	-4,5310E-05	3,4291E-04	0,00000	0,00000	0,00000	3,7743E-05
STORY19	D1	Mode 20	-1,2009E-03	7,6832E-05	0,00000	0,00000	0,00000	1,8569E-04
STORY19	D1	Mode 21	1,0414E-04	-8,2878E-04	0,00000	0,00000	0,00000	0,00000
STORY19	D1	Mode 22	-1,0816E-05	-6,5863E-05	0,00000	0,00000	0,00000	-1,7091E-05
STORY19	D1	Mode 23	3,6562E-04	-3,2018E-04	0,00000	0,00000	0,00000	3,7906E-05
STORY19	D1	Mode 24	1,1460E-04	5,2215E-05	0,00000	0,00000	0,00000	-6,8673E-06
STORY19	D1	Mode 25	-2,3041E-04	-1,0924E-04	0,00000	0,00000	0,00000	-5,2271E-06
STORY19	D1	Mode 26	5,2319E-04	4,4884E-04	0,00000	0,00000	0,00000	6,6937E-06
STORY19	D1	Mode 27	1,3602E-03	-4,1271E-04	0,00000	0,00000	0,00000	-5,4030E-05
STORY19	D1	Mode 28	6,9059E-03	4,0144E-04	0,00000	0,00000	0,00000	-2,2743E-04
STORY19	D1	Mode 29	3,9833E-04	-2,2985E-04	0,00000	0,00000	0,00000	-1,3709E-05
STORY19	D1	Mode 30	-8,8608E-04	-8,3484E-04	0,00000	0,00000	0,00000	-1,5202E-05
STORY19	D1	Mode 31	-3,4125E-04	-4,5606E-04	0,00000	0,00000	0,00000	1,2887E-05
STORY18	D1	Mode 1	8,4320E-04	7,4916E-03	0,00000	0,00000	0,00000	-4,3408E-05
STORY18	D1	Mode 2	6,7265E-03	-1,0539E-03	0,00000	0,00000	0,00000	-2,2919E-04
STORY18	D1	Mode 3	-3,7742E-03	-1,7380E-04	0,00000	0,00000	0,00000	-3,7754E-04
STORY18	D1	Mode 4	-1,6493E-03	-1,0230E-04	0,00000	0,00000	0,00000	5,0616E-05
STORY18	D1	Mode 5	2,0672E-04	-3,2656E-03	0,00000	0,00000	0,00000	-2,4474E-06
STORY18	D1	Mode 6	1,4677E-03	3,5465E-04	0,00000	0,00000	0,00000	1,7755E-04
STORY18	D1	Mode 7	7,8618E-03	3,9128E-04	0,00000	0,00000	0,00000	-2,1938E-04
STORY18	D1	Mode 8	6,8757E-04	-8,4095E-03	0,00000	0,00000	0,00000	2,5846E-05
STORY18	D1	Mode 9	-4,1496E-03	-5,5494E-04	0,00000	0,00000	0,00000	8,2480E-05
STORY18	D1	Mode 10	-2,9457E-03	-5,6389E-04	0,00000	0,00000	0,00000	-4,4735E-04
STORY18	D1	Mode 11	-1,8545E-03	-2,5524E-03	0,00000	0,00000	0,00000	9,1188E-05
STORY18	D1	Mode 12	-4,6225E-03	1,1316E-03	0,00000	0,00000	0,00000	8,5235E-05
STORY18	D1	Mode 13	5,0654E-05	-1,4335E-03	0,00000	0,00000	0,00000	0,00000
STORY18	D1	Mode 14	-3,5898E-04	2,9351E-03	0,00000	0,00000	0,00000	-7,2375E-06
STORY18	D1	Mode 15	2,1984E-06	4,6251E-04	0,00000	0,00000	0,00000	1,6341E-05
STORY18	D1	Mode 16	-1,7930E-03	1,6517E-04	0,00000	0,00000	0,00000	1,8279E-04
STORY18	D1	Mode 17	-1,6167E-03	3,9834E-04	0,00000	0,00000	0,00000	5,3323E-05
STORY18	D1	Mode 18	6,7457E-03	8,3875E-04	0,00000	0,00000	0,00000	-1,4367E-05
STORY18	D1	Mode 19	-2,0432E-04	3,9853E-04	0,00000	0,00000	0,00000	3,3421E-05
STORY18	D1	Mode 20	-3,5639E-03	-3,4082E-04	0,00000	0,00000	0,00000	2,4088E-04
STORY18	D1	Mode 21	5,0652E-04	-4,1049E-03	0,00000	0,00000	0,00000	2,1236E-05
STORY18	D1	Mode 22	4,6715E-04	-1,8139E-03	0,00000	0,00000	0,00000	-1,3305E-05
STORY18	D1	Mode 23	2,2548E-04	6,362E-04	0,00000	0,00000	0,00000	3,2505E-05
STORY18	D1	Mode 24	-3,5992E-04	-1,0390E-04	0,00000	0,00000	0,00000	8,4118E-06
STORY18	D1	Mode 25	-1,0554E-04	-6,6740E-05	0,00000	0,00000	0,00000	-1,0956E-05
STORY18	D1	Mode 26	2,5281E-04	1,7807E-04	0,00000	0,00000	0,00000	2,3011E-05
STORY18	D1	Mode 27	3,2074E-04	-2,2804E-04	0,00000	0,00000	0,00000	-3,6279E-05
STORY18	D1	Mode 28	3,3851E-03	1,5568E-04	0,00000	0,00000	0,00000	-1,4674E-04
STORY18	D1	Mode 29	2,0450E-04	-1,7840E-04	0,00000	0,00000	0,00000	-1,2748E-05
STORY18	D1	Mode 30	-2,7304E-03	-1,3071E-03	0,00000	0,00000	0,00000	-2,0116E-04
STORY18	D1	Mode 31	-4,6052E-04	-4,4181E-04	0,00000	0,00000	0,00000	0,00000
STORY17	D1	Mode 1	8,0295E-04	7,0366E-03	0,00000	0,00000	0,00000	-4,1200E-05
STORY17	D1	Mode 2	6,4053E-03	-9,8885E-04	0,00000	0,00000	0,00000	-2,1739E-04
STORY17	D1	Mode 3	-3,5634E-03	-1,5882E-04	0,00000	0,00000	0,00000	-3,5409E-04
STORY17	D1	Mode 4	-2,9593E-03	-1,8248E-04	0,00000	0,00000	0,00000	8,8744E-05
STORY17	D1	Mode 5	3,0973E-04	-4,6141E-03	0,00000	0,00000	0,00000	0,00000
STORY17	D1	Mode 6	2,0259E-03	4,0692E-04	0,00000	0,00000	0,00000	2,4738E-04
STORY17	D1	Mode 7	7,8606E-03	4,1478E-04	0,00000	0,00000	0,00000	-2,2087E-04
STORY17	D1	Mode 8	6,0435E-04	-8,1163E-03	0,00000	0,00000	0,00000	3,0216E-05
STORY17	D1	Mode 9	-1,3403E-03	-3,8639E-04	0,00000	0,00000	0,00000	6,7641E-06
STORY17	D1	Mode 10	-2,9695E-03	-4,3502E-04	0,00000	0,00000	0,00000	-4,2404E-04
STORY17	D1	Mode 11	-2,9449E-03	-4,1592E-05	0,00000	0,00000	0,00000	1,0887E-04
STORY17	D1	Mode 12	-6,7278E-03	-2,8777E-04	0,00000	0,00000	0,00000	1,4707E-04
STORY17	D1	Mode 13	-1,9425E-04	-9,5632E-04	0,00000	0,00000	0,00000	-1,7243E-05
STORY17	D1	Mode 14	2,7931E-04	2,1237E-03	0,00000	0,00000	0,00000	1,3288E-05
STORY17	D1	Mode 15	-1,8819E-04	2,9422E-04	0,00000	0,00000	0,00000	-1,6891E-05
STORY17	D1	Mode 16	-1,2849E-03	-4,1869E-05	0,00000	0,00000	0,00000	2,5177E-05
STORY17	D1	Mode 17	-1,0305E-03	3,9262E-04	0,00000	0,00000	0,00000	2,9409E-05
STORY17	D1	Mode 18	4,2913E-03	4,8532E-04	0,00000	0,00000	0,00000	-5,4015E-05
STORY17	D1	Mode 19	-2,4071E-04	3,9294E-04	0,00000	0,00000	0,00000	2,2010E-05
STORY17	D1	Mode 20	-4,4224E-03	-6,2092E-04	0,00000	0,00000	0,00000	2,3077E-04
STORY17	D1	Mode 21	7,9654E-04	-6,4916E-03	0,00000	0,00000	0,00000	3,7294E-05

M O D E S H A P E S

STORY	DIAPHRAGM	MODE	UX	UY	UZ	RX	RY	RZ
STORY17	D1	Mode 22	7,6978E-04	-3,1552E-03	0,00000	0,00000	0,00000	-5,3390E-06
STORY17	D1	Mode 23	4,3348E-05	1,4941E-03	0,00000	0,00000	0,00000	2,2369E-05
STORY17	D1	Mode 24	-6,7441E-04	-2,3155E-04	0,00000	0,00000	0,00000	1,9316E-05
STORY17	D1	Mode 25	4,1292E-05	-1,6048E-05	0,00000	0,00000	0,00000	-1,4937E-05
STORY17	D1	Mode 26	-6,3408E-05	-1,3542E-04	0,00000	0,00000	0,00000	3,5282E-05
STORY17	D1	Mode 27	-8,9910E-04	9,5707E-06	0,00000	0,00000	0,00000	-8,3288E-06
STORY17	D1	Mode 28	-1,8383E-03	-1,9168E-04	0,00000	0,00000	0,00000	-9,1138E-06
STORY17	D1	Mode 29	-1,0568E-04	-8,1355E-05	0,00000	0,00000	0,00000	-7,1620E-06
STORY17	D1	Mode 30	-3,7134E-03	-1,4225E-03	0,00000	0,00000	0,00000	-3,5191E-04
STORY17	D1	Mode 31	-3,5414E-04	-2,8639E-04	0,00000	0,00000	0,00000	-1,7514E-05
STORY16	D1	Mode 1	7,6091E-04	6,5733E-03	0,00000	0,00000	0,00000	-3,8903E-05
STORY16	D1	Mode 2	6,0677E-03	-9,2254E-04	0,00000	0,00000	0,00000	-2,0512E-04
STORY16	D1	Mode 3	-3,3465E-03	-1,4425E-04	0,00000	0,00000	0,00000	-3,3024E-04
STORY16	D1	Mode 4	-4,1672E-03	-2,5618E-04	0,00000	0,00000	0,00000	1,2385E-04
STORY16	D1	Mode 5	4,0164E-04	-5,8068E-03	0,00000	0,00000	0,00000	2,9753E-06
STORY16	D1	Mode 6	2,5158E-03	4,4595E-04	0,00000	0,00000	0,00000	3,0872E-04
STORY16	D1	Mode 7	7,2609E-03	4,0535E-04	0,00000	0,00000	0,00000	-2,0531E-04
STORY16	D1	Mode 8	4,7843E-04	-7,2000E-03	0,00000	0,00000	0,00000	3,1983E-05
STORY16	D1	Mode 9	1,6532E-03	-1,7909E-04	0,00000	0,00000	0,00000	-7,1978E-05
STORY16	D1	Mode 10	-2,7994E-03	-2,8390E-04	0,00000	0,00000	0,00000	-3,6741E-04
STORY16	D1	Mode 11	-3,3713E-03	2,5187E-03	0,00000	0,00000	0,00000	1,0495E-04
STORY16	D1	Mode 12	-7,3519E-03	-1,6430E-03	0,00000	0,00000	0,00000	1,7150E-04
STORY16	D1	Mode 13	-4,1081E-04	-3,2178E-04	0,00000	0,00000	0,00000	-3,2467E-05
STORY16	D1	Mode 14	8,5883E-04	9,7028E-04	0,00000	0,00000	0,00000	3,4070E-05
STORY16	D1	Mode 15	-3,5649E-04	8,4000E-05	0,00000	0,00000	0,00000	-4,8757E-05
STORY16	D1	Mode 16	-4,0961E-04	-2,3914E-04	0,00000	0,00000	0,00000	-1,4253E-04
STORY16	D1	Mode 17	-1,3184E-04	3,2735E-04	0,00000	0,00000	0,00000	-3,0605E-06
STORY16	D1	Mode 18	5,0577E-04	7,9966E-06	0,00000	0,00000	0,00000	-6,7084E-05
STORY16	D1	Mode 19	-1,5844E-04	3,2677E-04	0,00000	0,00000	0,00000	5,6021E-06
STORY16	D1	Mode 20	-3,4975E-03	-6,9766E-04	0,00000	0,00000	0,00000	1,5297E-04
STORY16	D1	Mode 21	9,0960E-04	-7,4377E-03	0,00000	0,00000	0,00000	4,5128E-05
STORY16	D1	Mode 22	8,1128E-04	-3,7756E-03	0,00000	0,00000	0,00000	5,6436E-06
STORY16	D1	Mode 23	-1,3289E-04	1,9687E-03	0,00000	0,00000	0,00000	9,4433E-06
STORY16	D1	Mode 24	-6,9590E-04	-2,9612E-04	0,00000	0,00000	0,00000	2,1727E-05
STORY16	D1	Mode 25	1,4573E-04	2,8921E-05	0,00000	0,00000	0,00000	-1,5417E-05
STORY16	D1	Mode 26	-2,8181E-04	-4,0359E-04	0,00000	0,00000	0,00000	3,8475E-05
STORY16	D1	Mode 27	-1,7549E-03	2,4927E-04	0,00000	0,00000	0,00000	1,6202E-05
STORY16	D1	Mode 28	-6,2975E-03	-4,7621E-04	0,00000	0,00000	0,00000	1,1991E-04
STORY16	D1	Mode 29	-3,8613E-04	3,6480E-05	0,00000	0,00000	0,00000	0,00000
STORY16	D1	Mode 30	-3,6683E-03	-1,1780E-03	0,00000	0,00000	0,00000	-4,3112E-04
STORY16	D1	Mode 31	-1,0349E-04	-4,2838E-05	0,00000	0,00000	0,00000	-3,2166E-05
STORY15	D1	Mode 1	7,1753E-04	6,1038E-03	0,00000	0,00000	0,00000	-3,6537E-05
STORY15	D1	Mode 2	5,7166E-03	-8,5515E-04	0,00000	0,00000	0,00000	-1,9246E-04
STORY15	D1	Mode 3	-3,1244E-03	-1,3011E-04	0,00000	0,00000	0,00000	-3,0610E-04
STORY15	D1	Mode 4	-5,2400E-03	-3,2141E-04	0,00000	0,00000	0,00000	1,5497E-04
STORY15	D1	Mode 5	4,8037E-04	-6,8188E-03	0,00000	0,00000	0,00000	5,4131E-06
STORY15	D1	Mode 6	2,9281E-03	4,7188E-04	0,00000	0,00000	0,00000	3,6034E-04
STORY15	D1	Mode 7	6,1216E-03	3,6522E-04	0,00000	0,00000	0,00000	-1,7430E-04
STORY15	D1	Mode 8	3,2321E-04	-5,7379E-03	0,00000	0,00000	0,00000	3,1057E-05
STORY15	D1	Mode 9	4,4059E-03	3,7653E-05	0,00000	0,00000	0,00000	-1,4204E-04
STORY15	D1	Mode 10	-2,4340E-03	-1,2227E-04	0,00000	0,00000	0,00000	-2,8260E-04
STORY15	D1	Mode 11	-3,0632E-03	4,7772E-03	0,00000	0,00000	0,00000	7,9836E-05
STORY15	D1	Mode 12	-6,3520E-03	-2,7396E-03	0,00000	0,00000	0,00000	1,5332E-04
STORY15	D1	Mode 13	-5,6592E-04	3,6827E-04	0,00000	0,00000	0,00000	-4,4666E-05
STORY15	D1	Mode 14	1,2663E-03	-3,3460E-04	0,00000	0,00000	0,00000	5,3357E-05
STORY15	D1	Mode 15	-4,9111E-04	-1,4471E-04	0,00000	0,00000	0,00000	-7,4953E-05
STORY15	D1	Mode 16	4,0983E-04	-4,1944E-04	0,00000	0,00000	0,00000	-2,8914E-04
STORY15	D1	Mode 17	7,8522E-04	2,0647E-04	0,00000	0,00000	0,00000	-3,4859E-05
STORY15	D1	Mode 18	-3,5112E-03	-4,8322E-04	0,00000	0,00000	0,00000	-6,6888E-05
STORY15	D1	Mode 19	-4,2961E-06	2,1128E-04	0,00000	0,00000	0,00000	-1,2238E-05
STORY15	D1	Mode 20	-1,2118E-03	-5,7486E-04	0,00000	0,00000	0,00000	2,7994E-05
STORY15	D1	Mode 21	8,2359E-04	-6,7252E-03	0,00000	0,00000	0,00000	4,2976E-05
STORY15	D1	Mode 22	5,9629E-04	-3,5284E-03	0,00000	0,00000	0,00000	1,7034E-05
STORY15	D1	Mode 23	-2,6269E-04	1,9708E-03	0,00000	0,00000	0,00000	-3,8508E-06
STORY15	D1	Mode 24	-4,1232E-04	-2,8117E-04	0,00000	0,00000	0,00000	1,4948E-05
STORY15	D1	Mode 25	1,6692E-04	5,5234E-05	0,00000	0,00000	0,00000	-1,1726E-05
STORY15	D1	Mode 26	-3,0858E-04	-5,5362E-04	0,00000	0,00000	0,00000	3,0452E-05
STORY15	D1	Mode 27	-1,8540E-03	4,3656E-04	0,00000	0,00000	0,00000	2,6587E-05
STORY15	D1	Mode 28	-7,8703E-03	-5,5821E-04	0,00000	0,00000	0,00000	1,8117E-04
STORY15	D1	Mode 29	-5,0445E-04	1,4415E-04	0,00000	0,00000	0,00000	4,4705E-06
STORY15	D1	Mode 30	-2,7743E-03	-6,6945E-04	0,00000	0,00000	0,00000	-4,1583E-04
STORY15	D1	Mode 31	1,4349E-04	2,0808E-04	0,00000	0,00000	0,00000	-3,8611E-05
STORY14	D1	Mode 1	6,7333E-04	5,6297E-03	0,00000	0,00000	0,00000	-3,4115E-05
STORY14	D1	Mode 2	5,3551E-03	-7,8556E-04	0,00000	0,00000	0,00000	-1,7954E-04
STORY14	D1	Mode 3	-2,8937E-03	-1,1441E-04	0,00000	0,00000	0,00000	-2,8173E-04
STORY14	D1	Mode 4	-6,1552E-03	-3,7787E-04	0,00000	0,00000	0,00000	1,8123E-04
STORY14	D1	Mode 5	5,4422E-04	-7,6283E-03	0,00000	0,00000	0,00000	7,5798E-06
STORY14	D1	Mode 6	3,2515E-03	4,8215E-04	0,00000	0,00000	0,00000	4,0123E-04

MODE SHAPES

STORY	DIAPHRAGM	MODE	UX	UY	UZ	RX	RY	RZ
STORY14	D1	Mode 7	4,5277E-03	2,9873E-04	0,00000	0,00000	0,00000	-1,3051E-04
STORY14	D1	Mode 8	1,5214E-04	-3,8356E-03	0,00000	0,00000	0,00000	2,7470E-05
STORY14	D1	Mode 9	6,5398E-03	2,3663E-04	0,00000	0,00000	0,00000	-1,9278E-04
STORY14	D1	Mode 10	-1,8734E-03	3,9796E-05	0,00000	0,00000	0,00000	-1,7633E-04
STORY14	D1	Mode 11	-2,1015E-03	6,4159E-03	0,00000	0,00000	0,00000	3,8479E-05
STORY14	D1	Mode 12	-3,9269E-03	-3,4262E-03	0,00000	0,00000	0,00000	9,7375E-05
STORY14	D1	Mode 13	-6,3655E-04	1,0043E-03	0,00000	0,00000	0,00000	-5,2273E-05
STORY14	D1	Mode 14	1,4258E-03	-1,5775E-03	0,00000	0,00000	0,00000	6,9100E-05
STORY14	D1	Mode 15	-5,9000E-04	-3,4357E-04	0,00000	0,00000	0,00000	-9,2008E-05
STORY14	D1	Mode 16	7,8666E-04	-5,7392E-04	0,00000	0,00000	0,00000	-3,8672E-04
STORY14	D1	Mode 17	1,4254E-03	4,3784E-05	0,00000	0,00000	0,00000	-5,6712E-05
STORY14	D1	Mode 18	-6,5797E-03	-8,7067E-04	0,00000	0,00000	0,00000	-7,0533E-05
STORY14	D1	Mode 19	1,5421E-04	6,9246E-05	0,00000	0,00000	0,00000	-2,7276E-05
STORY14	D1	Mode 20	1,5101E-03	-3,1256E-04	0,00000	0,00000	0,00000	-1,0814E-04
STORY14	D1	Mode 21	5,5791E-04	-4,5031E-03	0,00000	0,00000	0,00000	3,1277E-05
STORY14	D1	Mode 22	2,1194E-04	-2,4491E-03	0,00000	0,00000	0,00000	2,5462E-05
STORY14	D1	Mode 23	-3,1908E-04	1,4884E-03	0,00000	0,00000	0,00000	-1,4900E-05
STORY14	D1	Mode 24	6,2672E-05	-1,9072E-04	0,00000	0,00000	0,00000	1,5986E-06
STORY14	D1	Mode 25	1,0133E-04	5,4878E-05	0,00000	0,00000	0,00000	-4,7219E-06
STORY14	D1	Mode 26	-1,3566E-04	-5,4393E-04	0,00000	0,00000	0,00000	1,3027E-05
STORY14	D1	Mode 27	-1,1230E-03	5,2068E-04	0,00000	0,00000	0,00000	1,9806E-05
STORY14	D1	Mode 28	-5,7418E-03	-3,8696E-04	0,00000	0,00000	0,00000	1,4974E-04
STORY14	D1	Mode 29	-3,9610E-04	2,1143E-04	0,00000	0,00000	0,00000	5,4680E-06
STORY14	D1	Mode 30	-1,4059E-03	-5,2650E-05	0,00000	0,00000	0,00000	-3,0307E-04
STORY14	D1	Mode 31	2,5413E-04	3,8499E-04	0,00000	0,00000	0,00000	-3,2975E-05
STORY13	D1	Mode 1	6,3049E-04	5,1585E-03	0,00000	0,00000	0,00000	-3,1733E-05
STORY13	D1	Mode 2	5,0014E-03	-7,1541E-04	0,00000	0,00000	0,00000	-1,6669E-04
STORY13	D1	Mode 3	-2,6670E-03	-9,8219E-05	0,00000	0,00000	0,00000	-2,5743E-04
STORY13	D1	Mode 4	-6,8510E-03	-4,2272E-04	0,00000	0,00000	0,00000	2,0150E-04
STORY13	D1	Mode 5	5,8964E-04	-8,2144E-03	0,00000	0,00000	0,00000	9,3821E-06
STORY13	D1	Mode 6	3,4770E-03	4,7974E-04	0,00000	0,00000	0,00000	4,3042E-04
STORY13	D1	Mode 7	2,7041E-03	2,1484E-04	0,00000	0,00000	0,00000	-7,9136E-05
STORY13	D1	Mode 8	-1,5563E-05	-1,6780E-03	0,00000	0,00000	0,00000	2,1922E-05
STORY13	D1	Mode 9	7,6829E-03	3,8855E-04	0,00000	0,00000	0,00000	-2,1558E-04
STORY13	D1	Mode 10	-1,1646E-03	1,9236E-04	0,00000	0,00000	0,00000	-5,8691E-05
STORY13	D1	Mode 11	-7,8966E-04	7,1801E-03	0,00000	0,00000	0,00000	-9,2038E-06
STORY13	D1	Mode 12	-7,8887E-04	-3,6160E-03	0,00000	0,00000	0,00000	2,0000E-05
STORY13	D1	Mode 13	-6,1853E-04	1,4705E-03	0,00000	0,00000	0,00000	-5,3904E-05
STORY13	D1	Mode 14	1,3246E-03	-2,5399E-03	0,00000	0,00000	0,00000	7,8350E-05
STORY13	D1	Mode 15	-5,9921E-04	-4,8657E-04	0,00000	0,00000	0,00000	-9,7309E-05
STORY13	D1	Mode 16	5,0991E-04	-6,8811E-04	0,00000	0,00000	0,00000	-4,1720E-04
STORY13	D1	Mode 17	1,5613E-03	-1,3317E-04	0,00000	0,00000	0,00000	-6,2401E-05
STORY13	D1	Mode 18	-7,7202E-03	-1,0627E-03	0,00000	0,00000	0,00000	-8,9983E-05
STORY13	D1	Mode 19	2,1266E-04	-8,3430E-05	0,00000	0,00000	0,00000	-3,5674E-05
STORY13	D1	Mode 20	3,4412E-03	-2,3567E-05	0,00000	0,00000	0,00000	-2,1225E-04
STORY13	D1	Mode 21	1,8205E-04	-1,3152E-03	0,00000	0,00000	0,00000	1,3201E-05
STORY13	D1	Mode 22	-1,7498E-04	-8,4961E-04	0,00000	0,00000	0,00000	2,7894E-05
STORY13	D1	Mode 23	-2,9712E-04	6,6551E-04	0,00000	0,00000	0,00000	-2,2814E-05
STORY13	D1	Mode 24	5,0667E-04	-6,2441E-05	0,00000	0,00000	0,00000	-1,1043E-05
STORY13	D1	Mode 25	0,00000	3,7098E-05	0,00000	0,00000	0,00000	3,7999E-06
STORY13	D1	Mode 26	7,8927E-05	-3,8995E-04	0,00000	0,00000	0,00000	-8,4187E-06
STORY13	D1	Mode 27	4,2021E-05	4,8017E-04	0,00000	0,00000	0,00000	2,5630E-06
STORY13	D1	Mode 28	-1,1150E-03	-4,5574E-05	0,00000	0,00000	0,00000	4,9976E-05
STORY13	D1	Mode 29	-1,5663E-04	2,2028E-04	0,00000	0,00000	0,00000	3,5633E-06
STORY13	D1	Mode 30	-3,4631E-05	4,9699E-04	0,00000	0,00000	0,00000	-1,1722E-04
STORY13	D1	Mode 31	1,8887E-04	4,2359E-04	0,00000	0,00000	0,00000	-1,6771E-05
STORY12	D1	Mode 1	5,8618E-04	4,6867E-03	0,00000	0,00000	0,00000	-2,9313E-05
STORY12	D1	Mode 2	4,6354E-03	-6,4691E-04	0,00000	0,00000	0,00000	-1,5368E-04
STORY12	D1	Mode 3	-2,4407E-03	-8,5534E-05	0,00000	0,00000	0,00000	-2,3314E-04
STORY12	D1	Mode 4	-7,3621E-03	-4,5467E-04	0,00000	0,00000	0,00000	2,1622E-04
STORY12	D1	Mode 5	6,1835E-04	-8,5825E-03	0,00000	0,00000	0,00000	1,0891E-05
STORY12	D1	Mode 6	3,6169E-03	4,6993E-04	0,00000	0,00000	0,00000	4,4801E-04
STORY12	D1	Mode 7	6,9099E-04	1,1628E-04	0,00000	0,00000	0,00000	-2,2653E-05
STORY12	D1	Mode 8	-1,7362E-04	6,0858E-04	0,00000	0,00000	0,00000	1,4692E-05
STORY12	D1	Mode 9	7,8212E-03	4,8334E-04	0,00000	0,00000	0,00000	-2,0947E-04
STORY12	D1	Mode 10	-3,2614E-04	3,2516E-04	0,00000	0,00000	0,00000	6,2757E-05
STORY12	D1	Mode 11	6,4434E-04	7,0150E-03	0,00000	0,00000	0,00000	-5,5086E-05
STORY12	D1	Mode 12	2,5257E-03	-3,3229E-03	0,00000	0,00000	0,00000	-6,2269E-05
STORY12	D1	Mode 13	-5,1774E-04	1,7146E-03	0,00000	0,00000	0,00000	-4,9473E-05
STORY12	D1	Mode 14	1,0031E-03	-3,0929E-03	0,00000	0,00000	0,00000	7,9654E-05
STORY12	D1	Mode 15	-5,7457E-04	-5,5116E-04	0,00000	0,00000	0,00000	-9,0534E-05
STORY12	D1	Mode 16	-3,3567E-04	-7,4871E-04	0,00000	0,00000	0,00000	-3,7941E-04
STORY12	D1	Mode 17	1,2006E-03	-2,9640E-04	0,00000	0,00000	0,00000	-5,1425E-05
STORY12	D1	Mode 18	-6,8024E-03	-1,0333E-03	0,00000	0,00000	0,00000	-1,2459E-04
STORY12	D1	Mode 19	1,8799E-04	-2,0817E-04	0,00000	0,00000	0,00000	-3,6363E-05
STORY12	D1	Mode 20	3,9969E-03	2,1573E-04	0,00000	0,00000	0,00000	-2,5931E-04
STORY12	D1	Mode 21	-2,2702E-04	2,1265E-03	0,00000	0,00000	0,00000	-7,1855E-06
STORY12	D1	Mode 22	-4,7018E-04	9,5924E-04	0,00000	0,00000	0,00000	2,3651E-05
STORY12	D1	Mode 23	-2,1166E-04	-3,2380E-04	0,00000	0,00000	0,00000	-2,5604E-05

MODE SHAPES

STORY	DIAPHRAGM	MODE	UX	UY	UZ	RX	RY	RZ
STORY12	D1	Mode 24	7,6850E-04	7,8539E-05	0,00000	0,00000	0,00000	-1,9900E-05
STORY12	D1	Mode 25	-9,8183E-05	0,00000	0,00000	0,00000	0,00000	1,1025E-05
STORY12	D1	Mode 26	2,7404E-04	-1,3436E-04	0,00000	0,00000	0,00000	-2,7564E-05
STORY12	D1	Mode 27	1,2086E-03	3,1035E-04	0,00000	0,00000	0,00000	-1,4978E-05
STORY12	D1	Mode 28	4,0486E-03	3,2424E-04	0,00000	0,00000	0,00000	-6,7349E-05
STORY12	D1	Mode 29	1,5301E-04	1,6693E-04	0,00000	0,00000	0,00000	0,00000
STORY12	D1	Mode 30	1,1365E-03	8,6405E-04	0,00000	0,00000	0,00000	9,9858E-05
STORY12	D1	Mode 31	1,1563E-05	3,3218E-04	0,00000	0,00000	0,00000	5,6745E-06
STORY11	D1	Mode 1	5,4120E-04	4,2179E-03	0,00000	0,00000	0,00000	-2,6869E-05
STORY11	D1	Mode 2	4,2628E-03	-5,7879E-04	0,00000	0,00000	0,00000	-1,4054E-04
STORY11	D1	Mode 3	-2,2138E-03	-7,3488E-05	0,00000	0,00000	0,00000	-2,0905E-04
STORY11	D1	Mode 4	-7,6741E-03	-4,7463E-04	0,00000	0,00000	0,00000	2,2510E-04
STORY11	D1	Mode 5	6,2951E-04	-8,7236E-03	0,00000	0,00000	0,00000	1,2029E-05
STORY11	D1	Mode 6	3,6627E-03	4,4990E-04	0,00000	0,00000	0,00000	4,5366E-04
STORY11	D1	Mode 7	-1,3586E-03	1,1614E-05	0,00000	0,00000	0,00000	3,5037E-05
STORY11	D1	Mode 8	-3,1068E-04	2,8564E-03	0,00000	0,00000	0,00000	6,4083E-06
STORY11	D1	Mode 9	6,9249E-03	5,1318E-04	0,00000	0,00000	0,00000	-1,7466E-04
STORY11	D1	Mode 10	5,8827E-04	4,3306E-04	0,00000	0,00000	0,00000	1,7881E-04
STORY11	D1	Mode 11	1,8884E-03	5,9165E-03	0,00000	0,00000	0,00000	-8,9998E-05
STORY11	D1	Mode 12	5,2913E-03	-2,5960E-03	0,00000	0,00000	0,00000	-1,3084E-04
STORY11	D1	Mode 13	-3,5204E-04	1,6952E-03	0,00000	0,00000	0,00000	-3,9078E-05
STORY11	D1	Mode 14	5,3501E-04	-3,1410E-03	0,00000	0,00000	0,00000	7,1361E-05
STORY11	D1	Mode 15	-5,0693E-04	-5,2436E-04	0,00000	0,00000	0,00000	-7,2339E-05
STORY11	D1	Mode 16	-1,4911E-03	-7,3249E-04	0,00000	0,00000	0,00000	-2,8181E-04
STORY11	D1	Mode 17	4,4678E-04	-4,1208E-04	0,00000	0,00000	0,00000	-2,6996E-05
STORY11	D1	Mode 18	-4,0894E-03	-7,9328E-04	0,00000	0,00000	0,00000	-1,6450E-04
STORY11	D1	Mode 19	8,3339E-05	-2,8099E-04	0,00000	0,00000	0,00000	-2,9430E-05
STORY11	D1	Mode 20	2,9127E-03	3,4112E-04	0,00000	0,00000	0,00000	-2,3697E-04
STORY11	D1	Mode 21	-5,7728E-04	5,0598E-03	0,00000	0,00000	0,00000	-2,5409E-05
STORY11	D1	Mode 22	-5,8710E-04	2,5648E-03	0,00000	0,00000	0,00000	1,3401E-05
STORY11	D1	Mode 23	-9,0410E-05	-1,2477E-03	0,00000	0,00000	0,00000	-2,3122E-05
STORY11	D1	Mode 24	7,4027E-04	1,9444E-04	0,00000	0,00000	0,00000	-2,1390E-05
STORY11	D1	Mode 25	-1,4031E-04	-4,3725E-05	0,00000	0,00000	0,00000	1,4891E-05
STORY11	D1	Mode 26	3,3384E-04	1,5166E-04	0,00000	0,00000	0,00000	-3,8899E-05
STORY11	D1	Mode 27	1,8739E-03	4,5605E-05	0,00000	0,00000	0,00000	-2,2562E-05
STORY11	D1	Mode 28	7,4187E-03	5,6485E-04	0,00000	0,00000	0,00000	-1,4501E-04
STORY11	D1	Mode 29	3,9107E-04	6,3687E-05	0,00000	0,00000	0,00000	-1,6016E-06
STORY11	D1	Mode 30	1,9643E-03	9,8584E-04	0,00000	0,00000	0,00000	2,9618E-04
STORY11	D1	Mode 31	-1,5683E-04	1,4293E-04	0,00000	0,00000	0,00000	2,6966E-05
STORY10	D1	Mode 1	4,9548E-04	3,7551E-03	0,00000	0,00000	0,00000	-2,4403E-05
STORY10	D1	Mode 2	3,8839E-03	-5,1159E-04	0,00000	0,00000	0,00000	-1,2731E-04
STORY10	D1	Mode 3	-1,9873E-03	-6,2166E-05	0,00000	0,00000	0,00000	-1,8534E-04
STORY10	D1	Mode 4	-7,7851E-03	-4,8251E-04	0,00000	0,00000	0,00000	2,2808E-04
STORY10	D1	Mode 5	6,2337E-04	-8,6402E-03	0,00000	0,00000	0,00000	1,2769E-05
STORY10	D1	Mode 6	3,6173E-03	4,2098E-04	0,00000	0,00000	0,00000	4,4760E-04
STORY10	D1	Mode 7	-3,3042E-03	-9,1823E-05	0,00000	0,00000	0,00000	8,9897E-05
STORY10	D1	Mode 8	-4,1859E-04	4,9035E-03	0,00000	0,00000	0,00000	-2,2200E-06
STORY10	D1	Mode 9	5,1308E-03	4,7980E-04	0,00000	0,00000	0,00000	-1,1567E-04
STORY10	D1	Mode 10	1,5161E-03	5,1164E-04	0,00000	0,00000	0,00000	2,8110E-04
STORY10	D1	Mode 11	2,6862E-03	4,0296E-03	0,00000	0,00000	0,00000	-1,0700E-04
STORY10	D1	Mode 12	6,9200E-03	-1,5512E-03	0,00000	0,00000	0,00000	-1,6985E-04
STORY10	D1	Mode 13	-1,4897E-04	1,4175E-03	0,00000	0,00000	0,00000	-2,3742E-05
STORY10	D1	Mode 14	2,1147E-05	-2,6784E-03	0,00000	0,00000	0,00000	5,3269E-05
STORY10	D1	Mode 15	-3,9827E-04	-4,0892E-04	0,00000	0,00000	0,00000	-4,5341E-05
STORY10	D1	Mode 16	-2,5480E-03	-6,2413E-04	0,00000	0,00000	0,00000	-1,4466E-04
STORY10	D1	Mode 17	-4,6200E-04	-4,5182E-04	0,00000	0,00000	0,00000	3,7588E-06
STORY10	D1	Mode 18	-4,1079E-04	-4,0802E-04	0,00000	0,00000	0,00000	-1,9195E-04
STORY10	D1	Mode 19	-5,7308E-05	-2,8450E-04	0,00000	0,00000	0,00000	-1,6735E-05
STORY10	D1	Mode 20	5,8107E-04	3,3580E-04	0,00000	0,00000	0,00000	-1,5494E-04
STORY10	D1	Mode 21	-7,9086E-04	6,8216E-03	0,00000	0,00000	0,00000	-3,7329E-05
STORY10	D1	Mode 22	-5,1022E-04	3,6008E-03	0,00000	0,00000	0,00000	0,00000
STORY10	D1	Mode 23	3,2123E-05	-1,8878E-03	0,00000	0,00000	0,00000	-1,5978E-05
STORY10	D1	Mode 24	4,3191E-04	2,5778E-04	0,00000	0,00000	0,00000	-1,5388E-05
STORY10	D1	Mode 25	-1,0563E-04	-8,2671E-05	0,00000	0,00000	0,00000	1,4258E-05
STORY10	D1	Mode 26	2,1944E-04	3,9072E-04	0,00000	0,00000	0,00000	-3,9240E-05
STORY10	D1	Mode 27	1,7655E-03	-2,4774E-04	0,00000	0,00000	0,00000	-1,5105E-05
STORY10	D1	Mode 28	7,4817E-03	5,7273E-04	0,00000	0,00000	0,00000	-1,4500E-04
STORY10	D1	Mode 29	4,5441E-04	-6,1232E-05	0,00000	0,00000	0,00000	0,00000
STORY10	D1	Mode 30	2,4396E-03	8,7282E-04	0,00000	0,00000	0,00000	4,2256E-04
STORY10	D1	Mode 31	-1,9931E-04	-7,8304E-05	0,00000	0,00000	0,00000	3,9993E-05
STORY9	D1	Mode 1	4,4913E-04	3,3015E-03	0,00000	0,00000	0,00000	-2,1927E-05
STORY9	D1	Mode 2	3,5002E-03	-4,4591E-04	0,00000	0,00000	0,00000	-1,1405E-04
STORY9	D1	Mode 3	-1,7624E-03	-5,1648E-05	0,00000	0,00000	0,00000	-1,6219E-04
STORY9	D1	Mode 4	-7,6960E-03	-4,7835E-04	0,00000	0,00000	0,00000	2,2518E-04
STORY9	D1	Mode 5	6,0074E-04	-8,3406E-03	0,00000	0,00000	0,00000	1,3094E-05
STORY9	D1	Mode 6	3,4852E-03	3,8472E-04	0,00000	0,00000	0,00000	4,3036E-04
STORY9	D1	Mode 7	-5,0083E-03	-1,8654E-04	0,00000	0,00000	0,00000	1,3798E-04
STORY9	D1	Mode 8	-4,9199E-04	6,6016E-03	0,00000	0,00000	0,00000	-1,0444E-05

MODE SHAPES

STORY	DIAPHRAGM	MODE	UX	UY	UZ	RX	RY	RZ
STORY9	D1	Mode 9	2,6930E-03	3,9289E-04	0,00000	0,00000	0,00000	-4,0296E-05
STORY9	D1	Mode 10	2,3870E-03	5,5865E-04	0,00000	0,00000	0,00000	3,6245E-04
STORY9	D1	Mode 11	2,8811E-03	1,6098E-03	0,00000	0,00000	0,00000	-1,0281E-04
STORY9	D1	Mode 12	7,0675E-03	-3,4241E-04	0,00000	0,00000	0,00000	-1,7002E-04
STORY9	D1	Mode 13	6,0821E-05	9,2747E-04	0,00000	0,00000	0,00000	-5,1583E-06
STORY9	D1	Mode 14	-4,3810E-04	-1,7826E-03	0,00000	0,00000	0,00000	2,6638E-05
STORY9	D1	Mode 15	-2,5055E-04	-2,2206E-04	0,00000	0,00000	0,00000	-1,3379E-05
STORY9	D1	Mode 16	-3,0808E-03	-4,1973E-04	0,00000	0,00000	0,00000	5,5405E-06
STORY9	D1	Mode 17	-1,2392E-03	-4,0026E-04	0,00000	0,00000	0,00000	3,2086E-05
STORY9	D1	Mode 18	3,1475E-03	2,7103E-05	0,00000	0,00000	0,00000	-1,8762E-04
STORY9	D1	Mode 19	-1,7325E-04	-2,1537E-04	0,00000	0,00000	0,00000	-1,3279E-06
STORY9	D1	Mode 20	-2,1258E-03	2,2729E-04	0,00000	0,00000	0,00000	-4,0036E-05
STORY9	D1	Mode 21	-8,2104E-04	7,0165E-03	0,00000	0,00000	0,00000	-4,0315E-05
STORY9	D1	Mode 22	-2,9067E-04	3,8297E-03	0,00000	0,00000	0,00000	-1,2903E-05
STORY9	D1	Mode 23	1,2686E-04	-2,0919E-03	0,00000	0,00000	0,00000	-5,6182E-06
STORY9	D1	Mode 24	-3,4854E-05	2,5641E-04	0,00000	0,00000	0,00000	-4,7201E-06
STORY9	D1	Mode 25	-8,6211E-06	-1,0718E-04	0,00000	0,00000	0,00000	9,4311E-06
STORY9	D1	Mode 26	-2,4636E-05	5,2096E-04	0,00000	0,00000	0,00000	-2,8974E-05
STORY9	D1	Mode 27	9,4627E-04	-4,8763E-04	0,00000	0,00000	0,00000	4,6219E-06
STORY9	D1	Mode 28	4,2377E-03	3,4689E-04	0,00000	0,00000	0,00000	-6,7681E-05
STORY9	D1	Mode 29	3,1984E-04	-1,7151E-04	0,00000	0,00000	0,00000	2,9984E-06
STORY9	D1	Mode 30	2,5803E-03	5,9138E-04	0,00000	0,00000	0,00000	4,4703E-04
STORY9	D1	Mode 31	-7,1820E-05	-2,5880E-04	0,00000	0,00000	0,00000	4,0717E-05
STORY8	D1	Mode 1	4,0221E-04	2,8605E-03	0,00000	0,00000	0,00000	-1,9445E-05
STORY8	D1	Mode 2	3,1129E-03	-3,8154E-04	0,00000	0,00000	0,00000	-1,0082E-04
STORY8	D1	Mode 3	-1,5393E-03	-4,0957E-05	0,00000	0,00000	0,00000	-1,3978E-04
STORY8	D1	Mode 4	-7,4093E-03	-4,6351E-04	0,00000	0,00000	0,00000	2,1641E-04
STORY8	D1	Mode 5	5,6287E-04	-7,8345E-03	0,00000	0,00000	0,00000	1,2949E-05
STORY8	D1	Mode 6	3,2700E-03	3,3984E-04	0,00000	0,00000	0,00000	4,0256E-04
STORY8	D1	Mode 7	-6,3474E-03	-2,6613E-04	0,00000	0,00000	0,00000	1,7555E-04
STORY8	D1	Mode 8	-5,2807E-04	7,8184E-03	0,00000	0,00000	0,00000	-1,7468E-05
STORY8	D1	Mode 9	-5,7664E-05	2,6767E-04	0,00000	0,00000	0,00000	4,1319E-05
STORY8	D1	Mode 10	3,1282E-03	5,7056E-04	0,00000	0,00000	0,00000	4,1703E-04
STORY8	D1	Mode 11	2,4395E-03	-1,0119E-03	0,00000	0,00000	0,00000	-7,8071E-05
STORY8	D1	Mode 12	5,6905E-03	8,5897E-04	0,00000	0,00000	0,00000	-1,3005E-04
STORY8	D1	Mode 13	2,4885E-04	3,0311E-04	0,00000	0,00000	0,00000	1,4464E-05
STORY8	D1	Mode 14	-7,6327E-04	-5,9848E-04	0,00000	0,00000	0,00000	-5,7284E-06
STORY8	D1	Mode 15	-6,9359E-05	7,8151E-06	0,00000	0,00000	0,00000	1,9005E-05
STORY8	D1	Mode 16	-2,7734E-03	-1,3190E-04	0,00000	0,00000	0,00000	1,4178E-04
STORY8	D1	Mode 17	-1,6315E-03	-2,5816E-04	0,00000	0,00000	0,00000	4,9929E-05
STORY8	D1	Mode 18	5,5578E-03	4,0943E-04	0,00000	0,00000	0,00000	-1,3708E-04
STORY8	D1	Mode 19	-2,0603E-04	-8,2835E-05	0,00000	0,00000	0,00000	1,3405E-05
STORY8	D1	Mode 20	-4,1549E-03	7,5198E-05	0,00000	0,00000	0,00000	7,1755E-05
STORY8	D1	Mode 21	-6,6143E-04	5,5713E-03	0,00000	0,00000	0,00000	-3,3381E-05
STORY8	D1	Mode 22	-2,3755E-05	3,1851E-03	0,00000	0,00000	0,00000	-2,0954E-05
STORY8	D1	Mode 23	1,7617E-04	-1,8032E-03	0,00000	0,00000	0,00000	6,1312E-06
STORY8	D1	Mode 24	-4,7245E-04	1,9594E-04	0,00000	0,00000	0,00000	5,6070E-06
STORY8	D1	Mode 25	1,0578E-04	-1,1323E-04	0,00000	0,00000	0,00000	1,9671E-06
STORY8	D1	Mode 26	-2,8165E-04	5,0943E-04	0,00000	0,00000	0,00000	-1,1580E-05
STORY8	D1	Mode 27	-2,1156E-04	-5,9660E-04	0,00000	0,00000	0,00000	2,6715E-05
STORY8	D1	Mode 28	-8,0945E-04	-1,0240E-05	0,00000	0,00000	0,00000	4,7818E-05
STORY8	D1	Mode 29	5,4188E-05	-2,3204E-04	0,00000	0,00000	0,00000	7,6717E-06
STORY8	D1	Mode 30	2,3561E-03	2,3513E-04	0,00000	0,00000	0,00000	3,6162E-04
STORY8	D1	Mode 31	1,6569E-04	-3,3926E-04	0,00000	0,00000	0,00000	2,9482E-05
STORY7	D1	Mode 1	3,5542E-04	2,4398E-03	0,00000	0,00000	0,00000	-1,7034E-05
STORY7	D1	Mode 2	2,7303E-03	-3,2263E-04	0,00000	0,00000	0,00000	-8,7903E-05
STORY7	D1	Mode 3	-1,3250E-03	-3,3804E-05	0,00000	0,00000	0,00000	-1,1853E-04
STORY7	D1	Mode 4	-6,9414E-03	-4,3324E-04	0,00000	0,00000	0,00000	2,0245E-04
STORY7	D1	Mode 5	5,1159E-04	-7,1594E-03	0,00000	0,00000	0,00000	1,2464E-05
STORY7	D1	Mode 6	2,9912E-03	2,9938E-04	0,00000	0,00000	0,00000	3,6622E-04
STORY7	D1	Mode 7	-7,1987E-03	-3,1807E-04	0,00000	0,00000	0,00000	1,9937E-04
STORY7	D1	Mode 8	-5,2486E-04	8,4637E-03	0,00000	0,00000	0,00000	-2,2582E-05
STORY7	D1	Mode 9	-2,6745E-03	1,3151E-04	0,00000	0,00000	0,00000	1,1634E-04
STORY7	D1	Mode 10	3,6659E-03	5,6289E-04	0,00000	0,00000	0,00000	4,4150E-04
STORY7	D1	Mode 11	1,4932E-03	-3,4230E-03	0,00000	0,00000	0,00000	-3,9408E-05
STORY7	D1	Mode 12	3,1552E-03	1,8734E-03	0,00000	0,00000	0,00000	-6,0351E-05
STORY7	D1	Mode 13	3,9089E-04	-3,4171E-04	0,00000	0,00000	0,00000	3,2210E-05
STORY7	D1	Mode 14	-9,0875E-04	6,4131E-04	0,00000	0,00000	0,00000	-3,8732E-05
STORY7	D1	Mode 15	1,3485E-04	2,3666E-04	0,00000	0,00000	0,00000	4,7187E-05
STORY7	D1	Mode 16	-1,5723E-03	2,0747E-04	0,00000	0,00000	0,00000	2,4083E-04
STORY7	D1	Mode 17	-1,5018E-03	-5,4802E-05	0,00000	0,00000	0,00000	5,2670E-05
STORY7	D1	Mode 18	6,1537E-03	6,5784E-04	0,00000	0,00000	0,00000	-4,1930E-05
STORY7	D1	Mode 19	-1,3324E-04	7,5944E-05	0,00000	0,00000	0,00000	2,4317E-05
STORY7	D1	Mode 20	-4,6442E-03	-4,8914E-05	0,00000	0,00000	0,00000	1,4686E-04
STORY7	D1	Mode 21	-3,5284E-04	2,9185E-03	0,00000	0,00000	0,00000	-1,9333E-05
STORY7	D1	Mode 22	1,8917E-04	1,8429E-03	0,00000	0,00000	0,00000	-2,2164E-05
STORY7	D1	Mode 23	1,8155E-04	-1,1028E-03	0,00000	0,00000	0,00000	1,6318E-05
STORY7	D1	Mode 24	-7,0026E-04	9,6555E-05	0,00000	0,00000	0,00000	1,1737E-05
STORY7	D1	Mode 25	1,8074E-04	-9,7289E-05	0,00000	0,00000	0,00000	-5,3764E-06

MODE SHAPES

STORY	DIAPHRAGM	MODE	UX	UY	UZ	RX	RY	RZ
STORY7	D1	Mode 26	-4,3329E-04	3,6947E-04	0,00000	0,00000	0,00000	6,6041E-06
STORY7	D1	Mode 27	-1,1762E-03	-5,3246E-04	0,00000	0,00000	0,00000	3,8987E-05
STORY7	D1	Mode 28	-5,1599E-03	-3,2518E-04	0,00000	0,00000	0,00000	1,3956E-04
STORY7	D1	Mode 29	-2,1158E-04	-2,2052E-04	0,00000	0,00000	0,00000	9,9832E-06
STORY7	D1	Mode 30	1,6985E-03	-1,0043E-04	0,00000	0,00000	0,00000	1,9344E-04
STORY7	D1	Mode 31	3,7036E-04	-3,0652E-04	0,00000	0,00000	0,00000	1,1200E-05
STORY6	D1	Mode 1	3,0853E-04	2,0378E-03	0,00000	0,00000	0,00000	-1,4640E-05
STORY6	D1	Mode 2	2,3496E-03	-2,6732E-04	0,00000	0,00000	0,00000	-7,5173E-05
STORY6	D1	Mode 3	-1,1191E-03	-2,8196E-05	0,00000	0,00000	0,00000	-9,8413E-05
STORY6	D1	Mode 4	-6,3229E-03	-3,9297E-04	0,00000	0,00000	0,00000	1,8414E-04
STORY6	D1	Mode 5	4,5060E-04	-6,3611E-03	0,00000	0,00000	0,00000	1,1681E-05
STORY6	D1	Mode 6	2,6655E-03	2,5924E-04	0,00000	0,00000	0,00000	3,2398E-04
STORY6	D1	Mode 7	-7,5721E-03	-3,4507E-04	0,00000	0,00000	0,00000	2,1006E-04
STORY6	D1	Mode 8	-4,9227E-04	8,5909E-03	0,00000	0,00000	0,00000	-2,5880E-05
STORY6	D1	Mode 9	-4,8672E-03	3,8929E-06	0,00000	0,00000	0,00000	1,7766E-04
STORY6	D1	Mode 10	3,9598E-03	5,3440E-04	0,00000	0,00000	0,00000	4,3946E-04
STORY6	D1	Mode 11	3,0080E-04	-5,3531E-03	0,00000	0,00000	0,00000	4,8484E-06
STORY6	D1	Mode 12	9,4735E-05	2,6159E-03	0,00000	0,00000	0,00000	2,2596E-05
STORY6	D1	Mode 13	4,7371E-04	-9,0935E-04	0,00000	0,00000	0,00000	4,6171E-05
STORY6	D1	Mode 14	-8,8807E-04	1,7440E-03	0,00000	0,00000	0,00000	-6,7785E-05
STORY6	D1	Mode 15	3,2671E-04	4,3175E-04	0,00000	0,00000	0,00000	6,8034E-05
STORY6	D1	Mode 16	1,7914E-04	5,4039E-04	0,00000	0,00000	0,00000	2,9555E-04
STORY6	D1	Mode 17	-9,4792E-04	1,6340E-04	0,00000	0,00000	0,00000	4,2187E-05
STORY6	D1	Mode 18	5,0533E-03	7,6220E-04	0,00000	0,00000	0,00000	7,8101E-05
STORY6	D1	Mode 19	1,4225E-05	2,2960E-04	0,00000	0,00000	0,00000	3,0156E-05
STORY6	D1	Mode 20	-3,5613E-03	-1,1005E-04	0,00000	0,00000	0,00000	1,7365E-04
STORY6	D1	Mode 21	8,3703E-06	-2,1221E-04	0,00000	0,00000	0,00000	-2,3550E-06
STORY6	D1	Mode 22	2,8787E-04	2,0654E-04	0,00000	0,00000	0,00000	-1,7232E-05
STORY6	D1	Mode 23	1,4899E-04	-2,1070E-04	0,00000	0,00000	0,00000	2,3935E-05
STORY6	D1	Mode 24	-6,6083E-04	-8,0789E-06	0,00000	0,00000	0,00000	1,1172E-05
STORY6	D1	Mode 25	1,8130E-04	-7,1343E-05	0,00000	0,00000	0,00000	-1,0832E-05
STORY6	D1	Mode 26	-3,9950E-04	1,5920E-04	0,00000	0,00000	0,00000	2,0892E-05
STORY6	D1	Mode 27	-1,5727E-03	-3,3542E-04	0,00000	0,00000	0,00000	3,5854E-05
STORY6	D1	Mode 28	-7,0580E-03	-4,8545E-04	0,00000	0,00000	0,00000	1,6930E-04
STORY6	D1	Mode 29	-3,5544E-04	-1,5079E-04	0,00000	0,00000	0,00000	8,7893E-06
STORY6	D1	Mode 30	7,3727E-04	-3,6791E-04	0,00000	0,00000	0,00000	-3,9334E-06
STORY6	D1	Mode 31	4,3026E-04	-1,8655E-04	0,00000	0,00000	0,00000	-6,8218E-06
STORY5	D1	Mode 1	2,6187E-04	1,6567E-03	0,00000	0,00000	0,00000	-1,2281E-05
STORY5	D1	Mode 2	1,9738E-03	-2,1356E-04	0,00000	0,00000	0,00000	-6,2704E-05
STORY5	D1	Mode 3	-9,2025E-04	-2,0796E-05	0,00000	0,00000	0,00000	-7,9460E-05
STORY5	D1	Mode 4	-5,5843E-03	-3,4959E-04	0,00000	0,00000	0,00000	1,6228E-04
STORY5	D1	Mode 5	3,8396E-04	-5,4726E-03	0,00000	0,00000	0,00000	1,0605E-05
STORY5	D1	Mode 6	2,2978E-03	2,1052E-04	0,00000	0,00000	0,00000	2,7746E-04
STORY5	D1	Mode 7	-7,4957E-03	-3,5317E-04	0,00000	0,00000	0,00000	2,0797E-04
STORY5	D1	Mode 8	-4,3991E-04	8,2485E-03	0,00000	0,00000	0,00000	-2,7197E-05
STORY5	D1	Mode 9	-6,4502E-03	-1,0631E-04	0,00000	0,00000	0,00000	2,1956E-04
STORY5	D1	Mode 10	4,0082E-03	4,7648E-04	0,00000	0,00000	0,00000	4,1470E-04
STORY5	D1	Mode 11	-9,0247E-04	-6,6655E-03	0,00000	0,00000	0,00000	4,6877E-05
STORY5	D1	Mode 12	-2,9215E-03	3,0560E-03	0,00000	0,00000	0,00000	1,0304E-04
STORY5	D1	Mode 13	5,0349E-04	-1,3465E-03	0,00000	0,00000	0,00000	5,5485E-05
STORY5	D1	Mode 14	-7,5477E-04	2,5997E-03	0,00000	0,00000	0,00000	-9,0117E-05
STORY5	D1	Mode 15	4,9832E-04	5,7380E-04	0,00000	0,00000	0,00000	8,0777E-05
STORY5	D1	Mode 16	2,1517E-03	8,1872E-04	0,00000	0,00000	0,00000	3,1023E-04
STORY5	D1	Mode 17	-1,4449E-04	3,6394E-04	0,00000	0,00000	0,00000	2,2890E-05
STORY5	D1	Mode 18	2,8108E-03	7,3489E-04	0,00000	0,00000	0,00000	2,0337E-04
STORY5	D1	Mode 19	2,0762E-04	3,5715E-04	0,00000	0,00000	0,00000	3,1373E-05
STORY5	D1	Mode 20	-1,2873E-03	-1,0699E-04	0,00000	0,00000	0,00000	1,5664E-04
STORY5	D1	Mode 21	3,5684E-04	-3,2719E-03	0,00000	0,00000	0,00000	1,4773E-05
STORY5	D1	Mode 22	2,6697E-04	-1,4339E-03	0,00000	0,00000	0,00000	-7,7686E-06
STORY5	D1	Mode 23	1,0448E-04	7,0574E-04	0,00000	0,00000	0,00000	2,8460E-05
STORY5	D1	Mode 24	-3,8919E-04	-1,0065E-04	0,00000	0,00000	0,00000	4,8213E-06
STORY5	D1	Mode 25	1,0372E-04	-4,1221E-05	0,00000	0,00000	0,00000	-1,3584E-05
STORY5	D1	Mode 26	-1,8101E-04	-7,2731E-05	0,00000	0,00000	0,00000	2,9055E-05
STORY5	D1	Mode 27	-1,3428E-03	-5,2321E-05	0,00000	0,00000	0,00000	1,6905E-05
STORY5	D1	Mode 28	-6,0922E-03	-4,5543E-04	0,00000	0,00000	0,00000	1,2540E-04
STORY5	D1	Mode 29	-3,5237E-04	-4,2130E-05	0,00000	0,00000	0,00000	3,6604E-06
STORY5	D1	Mode 30	-5,3099E-04	-5,4765E-04	0,00000	0,00000	0,00000	-1,9423E-04
STORY5	D1	Mode 31	3,1389E-04	-1,9396E-05	0,00000	0,00000	0,00000	-2,0645E-05
STORY4	D1	Mode 1	2,1545E-04	1,3001E-03	0,00000	0,00000	0,00000	-9,9751E-06
STORY4	D1	Mode 2	1,6052E-03	-1,6417E-04	0,00000	0,00000	0,00000	-5,0606E-05
STORY4	D1	Mode 3	-7,3183E-04	-1,4490E-05	0,00000	0,00000	0,00000	-6,1872E-05
STORY4	D1	Mode 4	-4,7453E-03	-2,9938E-04	0,00000	0,00000	0,00000	1,3754E-04
STORY4	D1	Mode 5	3,1367E-04	-4,5250E-03	0,00000	0,00000	0,00000	9,2561E-06
STORY4	D1	Mode 6	1,9062E-03	1,6366E-04	0,00000	0,00000	0,00000	2,2833E-04
STORY4	D1	Mode 7	-6,9794E-03	-3,3766E-04	0,00000	0,00000	0,00000	1,9350E-04
STORY4	D1	Mode 8	-3,7184E-04	7,4768E-03	0,00000	0,00000	0,00000	-2,6493E-05
STORY4	D1	Mode 9	-7,2520E-03	-1,8424E-04	0,00000	0,00000	0,00000	2,3749E-04
STORY4	D1	Mode 10	3,8109E-03	4,0410E-04	0,00000	0,00000	0,00000	3,7018E-04

MODE SHAPES

STORY	DIAPHRAGM	MODE	UX	UY	UZ	RX	RY	RZ
STORY4	D1	Mode 11	-1,8923E-03	-7,2349E-03	0,00000	0,00000	0,00000	7,9433E-05
STORY4	D1	Mode 12	-5,3439E-03	3,1699E-03	0,00000	0,00000	0,00000	1,6588E-04
STORY4	D1	Mode 13	4,8643E-04	-1,6024E-03	0,00000	0,00000	0,00000	5,9201E-05
STORY4	D1	Mode 14	-5,5902E-04	3,1031E-03	0,00000	0,00000	0,00000	-1,0267E-04
STORY4	D1	Mode 15	6,2614E-04	6,4636E-04	0,00000	0,00000	0,00000	8,4680E-05
STORY4	D1	Mode 16	3,9291E-03	1,0043E-03	0,00000	0,00000	0,00000	2,9056E-04
STORY4	D1	Mode 17	7,0407E-04	5,1284E-04	0,00000	0,00000	0,00000	0,00000
STORY4	D1	Mode 18	1,0012E-04	6,0859E-04	0,00000	0,00000	0,00000	3,0855E-04
STORY4	D1	Mode 19	3,9878E-04	4,3754E-04	0,00000	0,00000	0,00000	2,8712E-05
STORY4	D1	Mode 20	1,5375E-03	-5,1564E-05	0,00000	0,00000	0,00000	1,0817E-04
STORY4	D1	Mode 21	6,3859E-04	-5,7099E-03	0,00000	0,00000	0,00000	2,8938E-05
STORY4	D1	Mode 22	1,5590E-04	-2,7764E-03	0,00000	0,00000	0,00000	3,5349E-06
STORY4	D1	Mode 23	5,9097E-05	1,4741E-03	0,00000	0,00000	0,00000	2,9535E-05
STORY4	D1	Mode 24	2,2890E-05	-1,6418E-04	0,00000	0,00000	0,00000	-5,0301E-06
STORY4	D1	Mode 25	-2,9718E-05	-1,3337E-05	0,00000	0,00000	0,00000	-1,3499E-05
STORY4	D1	Mode 26	1,6213E-04	-2,7652E-04	0,00000	0,00000	0,00000	3,0506E-05
STORY4	D1	Mode 27	-5,9719E-04	2,4902E-04	0,00000	0,00000	0,00000	-1,2629E-05
STORY4	D1	Mode 28	-2,6819E-03	-2,5611E-04	0,00000	0,00000	0,00000	2,2330E-05
STORY4	D1	Mode 29	-2,1277E-04	7,9091E-05	0,00000	0,00000	0,00000	-4,2245E-06
STORY4	D1	Mode 30	-1,9306E-03	-6,2661E-04	0,00000	0,00000	0,00000	-3,4166E-04
STORY4	D1	Mode 31	4,0000E-05	1,4967E-04	0,00000	0,00000	0,00000	-2,7647E-05
STORY3	D1	Mode 1	1,6981E-04	9,7312E-04	0,00000	0,00000	0,00000	-7,7525E-06
STORY3	D1	Mode 2	1,2489E-03	-1,1997E-04	0,00000	0,00000	0,00000	-3,9050E-05
STORY3	D1	Mode 3	-5,5635E-04	-9,2847E-06	0,00000	0,00000	0,00000	-4,5900E-05
STORY3	D1	Mode 4	-3,8358E-03	-2,4387E-04	0,00000	0,00000	0,00000	1,1080E-04
STORY3	D1	Mode 5	2,4278E-04	-3,5546E-03	0,00000	0,00000	0,00000	7,6828E-06
STORY3	D1	Mode 6	1,5058E-03	1,2023E-04	0,00000	0,00000	0,00000	1,7850E-04
STORY3	D1	Mode 7	-6,0714E-03	-2,9997E-04	0,00000	0,00000	0,00000	1,6798E-04
STORY3	D1	Mode 8	-2,9480E-04	6,3481E-03	0,00000	0,00000	0,00000	-2,3882E-05
STORY3	D1	Mode 9	-7,2010E-03	-2,2205E-04	0,00000	0,00000	0,00000	2,2985E-04
STORY3	D1	Mode 10	3,3843E-03	3,2270E-04	0,00000	0,00000	0,00000	3,1012E-04
STORY3	D1	Mode 11	-2,4860E-03	-7,0209E-03	0,00000	0,00000	0,00000	9,6969E-05
STORY3	D1	Mode 12	-6,7333E-03	2,9699E-03	0,00000	0,00000	0,00000	1,9939E-04
STORY3	D1	Mode 13	4,3146E-04	-1,6507E-03	0,00000	0,00000	0,00000	5,6962E-05
STORY3	D1	Mode 14	-3,5447E-04	3,1970E-03	0,00000	0,00000	0,00000	-1,0357E-04
STORY3	D1	Mode 15	6,8887E-04	6,4107E-04	0,00000	0,00000	0,00000	8,0054E-05
STORY3	D1	Mode 16	5,1021E-03	1,0652E-03	0,00000	0,00000	0,00000	2,4613E-04
STORY3	D1	Mode 17	1,3740E-03	5,8164E-04	0,00000	0,00000	0,00000	-1,9230E-05
STORY3	D1	Mode 18	-2,3005E-03	4,3198E-04	0,00000	0,00000	0,00000	3,6969E-04
STORY3	D1	Mode 19	5,3446E-04	4,5600E-04	0,00000	0,00000	0,00000	2,3440E-05
STORY3	D1	Mode 20	4,0693E-03	2,5144E-05	0,00000	0,00000	0,00000	4,8053E-05
STORY3	D1	Mode 21	8,0407E-04	-7,0910E-03	0,00000	0,00000	0,00000	3,7530E-05
STORY3	D1	Mode 22	8,4908E-06	-3,5739E-03	0,00000	0,00000	0,00000	1,3442E-05
STORY3	D1	Mode 23	2,3913E-05	1,9504E-03	0,00000	0,00000	0,00000	2,7327E-05
STORY3	D1	Mode 24	4,3350E-04	-1,8910E-04	0,00000	0,00000	0,00000	-1,4846E-05
STORY3	D1	Mode 25	-1,7607E-04	6,6946E-06	0,00000	0,00000	0,00000	-1,1289E-05
STORY3	D1	Mode 26	5,2006E-04	-4,1010E-04	0,00000	0,00000	0,00000	2,6637E-05
STORY3	D1	Mode 27	3,5688E-04	4,9102E-04	0,00000	0,00000	0,00000	-4,2773E-05
STORY3	D1	Mode 28	1,7776E-03	2,4872E-05	0,00000	0,00000	0,00000	-1,0051E-04
STORY3	D1	Mode 29	-2,9740E-06	1,8214E-04	0,00000	0,00000	0,00000	-1,2349E-05
STORY3	D1	Mode 30	-3,1616E-03	-6,1238E-04	0,00000	0,00000	0,00000	-4,2085E-04
STORY3	D1	Mode 31	-2,9366E-04	2,7814E-04	0,00000	0,00000	0,00000	-2,7583E-05
STORY2	D1	Mode 1	1,2603E-04	6,8173E-04	0,00000	0,00000	0,00000	-5,6540E-06
STORY2	D1	Mode 2	9,1237E-04	-8,1799E-05	0,00000	0,00000	0,00000	-2,8263E-05
STORY2	D1	Mode 3	-3,9749E-04	-5,2629E-06	0,00000	0,00000	0,00000	-3,1830E-05
STORY2	D1	Mode 4	-2,8962E-03	-1,8537E-04	0,00000	0,00000	0,00000	8,3245E-05
STORY2	D1	Mode 5	1,7437E-04	-2,6045E-03	0,00000	0,00000	0,00000	5,9508E-06
STORY2	D1	Mode 6	1,1146E-03	8,1945E-05	0,00000	0,00000	0,00000	1,3017E-04
STORY2	D1	Mode 7	-4,8602E-03	-2,4400E-04	0,00000	0,00000	0,00000	1,3394E-04
STORY2	D1	Mode 8	-2,1530E-04	4,9692E-03	0,00000	0,00000	0,00000	-1,9667E-05
STORY2	D1	Mode 9	-6,3474E-03	-2,1824E-04	0,00000	0,00000	0,00000	1,9861E-04
STORY2	D1	Mode 10	2,7692E-03	2,3877E-04	0,00000	0,00000	0,00000	2,4009E-04
STORY2	D1	Mode 11	-2,5872E-03	-6,0902E-03	0,00000	0,00000	0,00000	9,6920E-05
STORY2	D1	Mode 12	-6,8664E-03	2,5061E-03	0,00000	0,00000	0,00000	1,9793E-04
STORY2	D1	Mode 13	3,4941E-04	-1,4952E-03	0,00000	0,00000	0,00000	4,9207E-05
STORY2	D1	Mode 14	-1,8542E-04	2,8890E-03	0,00000	0,00000	0,00000	-9,2730E-05
STORY2	D1	Mode 15	6,7277E-04	5,6281E-04	0,00000	0,00000	0,00000	6,8190E-05
STORY2	D1	Mode 16	5,3835E-03	9,8959E-04	0,00000	0,00000	0,00000	1,8858E-04
STORY2	D1	Mode 17	1,6901E-03	5,5849E-04	0,00000	0,00000	0,00000	-3,0893E-05
STORY2	D1	Mode 18	-3,7441E-03	2,5661E-04	0,00000	0,00000	0,00000	3,7146E-04
STORY2	D1	Mode 19	5,7285E-04	4,1139E-04	0,00000	0,00000	0,00000	1,7054E-05
STORY2	D1	Mode 20	5,5395E-03	8,7861E-05	0,00000	0,00000	0,00000	-3,0998E-06
STORY2	D1	Mode 21	8,2637E-04	-7,1963E-03	0,00000	0,00000	0,00000	3,9070E-05
STORY2	D1	Mode 22	-1,1412E-04	-3,6949E-03	0,00000	0,00000	0,00000	1,9181E-05
STORY2	D1	Mode 23	4,2987E-06	2,0511E-03	0,00000	0,00000	0,00000	2,2569E-05
STORY2	D1	Mode 24	7,0189E-04	-1,7690E-04	0,00000	0,00000	0,00000	-2,0988E-05
STORY2	D1	Mode 25	-2,8571E-04	1,6556E-05	0,00000	0,00000	0,00000	-8,0876E-06
STORY2	D1	Mode 26	7,6980E-04	-4,4986E-04	0,00000	0,00000	0,00000	1,9939E-05
STORY2	D1	Mode 27	1,1383E-03	6,1075E-04	0,00000	0,00000	0,00000	-6,2664E-05

MODE SHAPES

STORY	DIAPHRAGM	MODE	UX	UY	UZ	RX	RY	RZ
STORY2	D1	Mode 28	5,4805E-03	2,6959E-04	0,00000	0,00000	0,00000	-1,9449E-04
STORY2	D1	Mode 29	1,8477E-04	2,3944E-04	0,00000	0,00000	0,00000	-1,7777E-05
STORY2	D1	Mode 30	-3,8735E-03	-5,2511E-04	0,00000	0,00000	0,00000	-4,2249E-04
STORY2	D1	Mode 31	-5,5396E-04	3,3616E-04	0,00000	0,00000	0,00000	-2,2430E-05
STORY1	D1	Mode 1	8,4692E-05	4,3203E-04	0,00000	0,00000	0,00000	-3,7423E-06
STORY1	D1	Mode 2	6,0391E-04	-5,0944E-05	0,00000	0,00000	0,00000	-1,8525E-05
STORY1	D1	Mode 3	-2,5941E-04	-3,1398E-06	0,00000	0,00000	0,00000	-1,9946E-05
STORY1	D1	Mode 4	-1,9730E-03	-1,2489E-04	0,00000	0,00000	0,00000	5,6309E-05
STORY1	D1	Mode 5	1,1310E-04	-1,7217E-03	0,00000	0,00000	0,00000	4,1609E-06
STORY1	D1	Mode 6	7,5440E-04	5,3293E-05	0,00000	0,00000	0,00000	8,5670E-05
STORY1	D1	Mode 7	-3,4654E-03	-1,7227E-04	0,00000	0,00000	0,00000	9,4869E-05
STORY1	D1	Mode 8	-1,4176E-04	3,4760E-03	0,00000	0,00000	0,00000	-1,4356E-05
STORY1	D1	Mode 9	-4,8558E-03	-1,7203E-04	0,00000	0,00000	0,00000	1,4930E-04
STORY1	D1	Mode 10	2,0432E-03	1,6478E-04	0,00000	0,00000	0,00000	1,6670E-04
STORY1	D1	Mode 11	-2,2053E-03	-4,6143E-03	0,00000	0,00000	0,00000	8,0363E-05
STORY1	D1	Mode 12	-5,7867E-03	1,8688E-03	0,00000	0,00000	0,00000	1,6346E-04
STORY1	D1	Mode 13	2,5537E-04	-1,1699E-03	0,00000	0,00000	0,00000	3,7297E-05
STORY1	D1	Mode 14	-8,2365E-05	2,2532E-03	0,00000	0,00000	0,00000	-7,2091E-05
STORY1	D1	Mode 15	5,8938E-04	4,3069E-04	0,00000	0,00000	0,00000	5,1210E-05
STORY1	D1	Mode 16	4,7235E-03	7,9513E-04	0,00000	0,00000	0,00000	1,2885E-04
STORY1	D1	Mode 17	1,5752E-03	4,5304E-04	0,00000	0,00000	0,00000	-3,1970E-05
STORY1	D1	Mode 18	-3,8877E-03	1,3534E-04	0,00000	0,00000	0,00000	3,1264E-04
STORY1	D1	Mode 19	5,0297E-04	3,1893E-04	0,00000	0,00000	0,00000	1,1009E-05
STORY1	D1	Mode 20	5,5285E-03	1,0869E-04	0,00000	0,00000	0,00000	-3,0681E-05
STORY1	D1	Mode 21	7,1034E-04	-6,0839E-03	0,00000	0,00000	0,00000	3,3627E-05
STORY1	D1	Mode 22	-1,7120E-04	-3,1593E-03	0,00000	0,00000	0,00000	1,9225E-05
STORY1	D1	Mode 23	1,1162E-06	1,7766E-03	0,00000	0,00000	0,00000	1,6324E-05
STORY1	D1	Mode 24	7,3469E-04	-1,3902E-04	0,00000	0,00000	0,00000	-2,1285E-05
STORY1	D1	Mode 25	-3,2664E-04	1,8511E-05	0,00000	0,00000	0,00000	-4,9260E-06
STORY1	D1	Mode 26	8,3665E-04	-3,9830E-04	0,00000	0,00000	0,00000	1,2845E-05
STORY1	D1	Mode 27	1,4525E-03	5,7806E-04	0,00000	0,00000	0,00000	-6,4897E-05
STORY1	D1	Mode 28	6,9735E-03	3,7068E-04	0,00000	0,00000	0,00000	-2,2258E-04
STORY1	D1	Mode 29	2,6737E-04	2,3503E-04	0,00000	0,00000	0,00000	-1,8405E-05
STORY1	D1	Mode 30	-3,8641E-03	-4,0531E-04	0,00000	0,00000	0,00000	-3,5447E-04
STORY1	D1	Mode 31	-6,2580E-04	3,1268E-04	0,00000	0,00000	0,00000	-1,5235E-05
LOWER GROUND	D1	Mode 1	4,4300E-05	2,1081E-04	0,00000	0,00000	0,00000	-1,9078E-06
LOWER GROUND	D1	Mode 2	3,0887E-04	-2,0831E-05	0,00000	0,00000	0,00000	-9,3026E-06
LOWER GROUND	D1	Mode 3	-1,3083E-04	2,1839E-06	0,00000	0,00000	0,00000	-9,6632E-06
LOWER GROUND	D1	Mode 4	-1,0381E-03	-7,5535E-05	0,00000	0,00000	0,00000	2,9179E-05
LOWER GROUND	D1	Mode 5	5,5385E-05	-8,8093E-04	0,00000	0,00000	0,00000	2,2948E-06
LOWER GROUND	D1	Mode 6	3,9931E-04	1,0363E-05	0,00000	0,00000	0,00000	4,4000E-05
LOWER GROUND	D1	Mode 7	-1,9002E-03	-1,1151E-04	0,00000	0,00000	0,00000	5,1173E-05
LOWER GROUND	D1	Mode 8	-6,9958E-05	1,8857E-03	0,00000	0,00000	0,00000	-8,1587E-06
LOWER GROUND	D1	Mode 9	-2,8271E-03	-1,3130E-04	0,00000	0,00000	0,00000	8,4952E-05
LOWER GROUND	D1	Mode 10	1,1799E-03	5,4402E-05	0,00000	0,00000	0,00000	9,0911E-05
LOWER GROUND	D1	Mode 11	-1,4028E-03	-2,7084E-03	0,00000	0,00000	0,00000	4,9573E-05
LOWER GROUND	D1	Mode 12	-3,6403E-03	1,0439E-03	0,00000	0,00000	0,00000	1,0016E-04
LOWER GROUND	D1	Mode 13	1,4816E-04	-7,0762E-04	0,00000	0,00000	0,00000	2,2028E-05
LOWER GROUND	D1	Mode 14	-2,5723E-05	1,3646E-03	0,00000	0,00000	0,00000	-4,3247E-05
LOWER GROUND	D1	Mode 15	3,9793E-04	2,4422E-04	0,00000	0,00000	0,00000	2,9873E-05
LOWER GROUND	D1	Mode 16	3,1226E-03	4,5884E-04	0,00000	0,00000	0,00000	7,0487E-05
LOWER GROUND	D1	Mode 17	1,0722E-03	2,8921E-04	0,00000	0,00000	0,00000	-2,2338E-05
LOWER GROUND	D1	Mode 18	-2,7838E-03	-1,8713E-05	0,00000	0,00000	0,00000	1,9843E-04
LOWER GROUND	D1	Mode 19	3,3288E-04	1,9008E-04	0,00000	0,00000	0,00000	5,7118E-06
LOWER GROUND	D1	Mode 20	3,9674E-03	9,3959E-05	0,00000	0,00000	0,00000	-3,0959E-05
LOWER GROUND	D1	Mode 21	4,5499E-04	-3,8937E-03	0,00000	0,00000	0,00000	2,2071E-05
LOWER GROUND	D1	Mode 22	-1,5195E-04	-2,0461E-03	0,00000	0,00000	0,00000	1,3728E-05
LOWER GROUND	D1	Mode 23	7,0029E-06	1,1512E-03	0,00000	0,00000	0,00000	9,1082E-06
LOWER GROUND	D1	Mode 24	5,3821E-04	-8,3790E-05	0,00000	0,00000	0,00000	-1,4867E-05
LOWER GROUND	D1	Mode 25	-2,5689E-04	1,7593E-05	0,00000	0,00000	0,00000	-2,0842E-06
LOWER GROUND	D1	Mode 26	6,4023E-04	-2,6830E-04	0,00000	0,00000	0,00000	6,1354E-06
LOWER GROUND	D1	Mode 27	1,1895E-03	4,2025E-04	0,00000	0,00000	0,00000	-4,7498E-05
LOWER GROUND	D1	Mode 28	5,7328E-03	3,6798E-04	0,00000	0,00000	0,00000	-1,7112E-04
LOWER GROUND	D1	Mode 29	2,3141E-04	1,6966E-04	0,00000	0,00000	0,00000	-1,3437E-05
LOWER GROUND	D1	Mode 30	-2,9058E-03	-1,5915E-04	0,00000	0,00000	0,00000	-2,2811E-04
LOWER GROUND	D1	Mode 31	-4,9420E-04	2,1721E-04	0,00000	0,00000	0,00000	-8,3589E-06
BASEMENT-1	D1	Mode 1	1,6853E-05	7,7749E-05	0,00000	0,00000	0,00000	0,00000
BASEMENT-1	D1	Mode 2	1,1967E-04	-7,1298E-06	0,00000	0,00000	0,00000	-3,4866E-06
BASEMENT-1	D1	Mode 3	-5,2217E-05	1,3996E-06	0,00000	0,00000	0,00000	-3,5915E-06
BASEMENT-1	D1	Mode 4	-4,1077E-04	-3,0470E-05	0,00000	0,00000	0,00000	1,1219E-05
BASEMENT-1	D1	Mode 5	2,3309E-05	-3,4068E-04	0,00000	0,00000	0,00000	0,00000
BASEMENT-1	D1	Mode 6	1,7274E-04	1,3638E-06	0,00000	0,00000	0,00000	1,7304E-05
BASEMENT-1	D1	Mode 7	-7,7657E-04	-4,6324E-05	0,00000	0,00000	0,00000	2,0227E-05
BASEMENT-1	D1	Mode 8	-3,3124E-05	7,6507E-04	0,00000	0,00000	0,00000	-3,4563E-06
BASEMENT-1	D1	Mode 9	-1,2018E-03	-5,8023E-05	0,00000	0,00000	0,00000	3,4969E-05
BASEMENT-1	D1	Mode 10	5,3930E-04	1,6515E-05	0,00000	0,00000	0,00000	3,7829E-05
BASEMENT-1	D1	Mode 11	-6,2387E-04	-1,1625E-03	0,00000	0,00000	0,00000	2,1570E-05
BASEMENT-1	D1	Mode 12	-1,6312E-03	4,4234E-04	0,00000	0,00000	0,00000	4,3201E-05

MODE SHAPES

STORY	DIAPHRAGM	MODE	UX	UY	UZ	RX	RY	RZ
BASEMENT-1	D1	Mode 13	7,6093E-05	-3,0969E-04	0,00000	0,00000	0,00000	9,6788E-06
BASEMENT-1	D1	Mode 14	-2,2017E-05	5,9768E-04	0,00000	0,00000	0,00000	-1,9056E-05
BASEMENT-1	D1	Mode 15	1,9480E-04	1,0425E-04	0,00000	0,00000	0,00000	1,3101E-05
BASEMENT-1	D1	Mode 16	1,4987E-03	1,9851E-04	0,00000	0,00000	0,00000	3,0560E-05
BASEMENT-1	D1	Mode 17	5,1474E-04	1,3007E-04	0,00000	0,00000	0,00000	-1,0256E-05
BASEMENT-1	D1	Mode 18	-1,2887E-03	-2,4385E-05	0,00000	0,00000	0,00000	8,9621E-05
BASEMENT-1	D1	Mode 19	1,6058E-04	8,2712E-05	0,00000	0,00000	0,00000	2,4293E-06
BASEMENT-1	D1	Mode 20	1,9458E-03	4,6621E-05	0,00000	0,00000	0,00000	-1,5584E-05
BASEMENT-1	D1	Mode 21	2,2306E-04	-1,7753E-03	0,00000	0,00000	0,00000	1,0393E-05
BASEMENT-1	D1	Mode 22	-7,5072E-05	-9,4176E-04	0,00000	0,00000	0,00000	6,5703E-06
BASEMENT-1	D1	Mode 23	6,4180E-06	5,3079E-04	0,00000	0,00000	0,00000	3,8032E-06
BASEMENT-1	D1	Mode 24	2,6647E-04	-3,8589E-05	0,00000	0,00000	0,00000	-6,8721E-06
BASEMENT-1	D1	Mode 25	-1,2501E-04	1,0276E-05	0,00000	0,00000	0,00000	0,00000
BASEMENT-1	D1	Mode 26	3,1320E-04	-1,2667E-04	0,00000	0,00000	0,00000	2,4263E-06
BASEMENT-1	D1	Mode 27	6,0136E-04	2,0420E-04	0,00000	0,00000	0,00000	-2,3100E-05
BASEMENT-1	D1	Mode 28	2,9487E-03	1,9585E-04	0,00000	0,00000	0,00000	-8,4735E-05
BASEMENT-1	D1	Mode 29	1,2230E-04	8,2254E-05	0,00000	0,00000	0,00000	-6,5647E-06
BASEMENT-1	D1	Mode 30	-1,5717E-03	-5,6678E-05	0,00000	0,00000	0,00000	-1,0716E-04
BASEMENT-1	D1	Mode 31	-2,7189E-04	1,0331E-04	0,00000	0,00000	0,00000	-3,7458E-06
BASEMENT-2	D1	Mode 1	1,3493E-06	6,1066E-06	0,00000	0,00000	0,00000	0,00000
BASEMENT-2	D1	Mode 2	9,8512E-06	0,00000	0,00000	0,00000	0,00000	0,00000
BASEMENT-2	D1	Mode 3	-4,7092E-06	0,00000	0,00000	0,00000	0,00000	0,00000
BASEMENT-2	D1	Mode 4	-3,4713E-05	-2,5009E-06	0,00000	0,00000	0,00000	0,00000
BASEMENT-2	D1	Mode 5	2,2367E-06	-2,9217E-05	0,00000	0,00000	0,00000	0,00000
BASEMENT-2	D1	Mode 6	1,7532E-05	0,00000	0,00000	0,00000	0,00000	1,6072E-06
BASEMENT-2	D1	Mode 7	-6,7951E-05	-3,8085E-06	0,00000	0,00000	0,00000	1,6339E-06
BASEMENT-2	D1	Mode 8	-3,8345E-06	7,0545E-05	0,00000	0,00000	0,00000	0,00000
BASEMENT-2	D1	Mode 9	-1,0898E-04	-4,7830E-06	0,00000	0,00000	0,00000	3,0068E-06
BASEMENT-2	D1	Mode 10	5,7175E-05	1,5988E-06	0,00000	0,00000	0,00000	3,8914E-06
BASEMENT-2	D1	Mode 11	-5,8102E-05	-1,1468E-04	0,00000	0,00000	0,00000	1,9183E-06
BASEMENT-2	D1	Mode 12	-1,5564E-04	4,4999E-05	0,00000	0,00000	0,00000	3,8974E-06
BASEMENT-2	D1	Mode 13	9,3913E-06	-3,1243E-05	0,00000	0,00000	0,00000	1,0157E-06
BASEMENT-2	D1	Mode 14	-5,4490E-06	6,0233E-05	0,00000	0,00000	0,00000	-1,9628E-06
BASEMENT-2	D1	Mode 15	2,2222E-05	1,0558E-05	0,00000	0,00000	0,00000	1,4705E-06
BASEMENT-2	D1	Mode 16	1,5892E-04	2,0176E-05	0,00000	0,00000	0,00000	3,7748E-06
BASEMENT-2	D1	Mode 17	5,1912E-05	1,3069E-05	0,00000	0,00000	0,00000	0,00000
BASEMENT-2	D1	Mode 18	-1,1969E-04	-1,1845E-06	0,00000	0,00000	0,00000	9,1862E-06
BASEMENT-2	D1	Mode 19	1,6693E-05	8,2624E-06	0,00000	0,00000	0,00000	0,00000
BASEMENT-2	D1	Mode 20	2,0350E-04	4,0165E-06	0,00000	0,00000	0,00000	-1,0592E-06
BASEMENT-2	D1	Mode 21	2,5790E-05	-1,8805E-04	0,00000	0,00000	0,00000	1,0833E-06
BASEMENT-2	D1	Mode 22	-6,5064E-06	-1,0078E-04	0,00000	0,00000	0,00000	0,00000
BASEMENT-2	D1	Mode 23	1,1148E-06	5,7122E-05	0,00000	0,00000	0,00000	0,00000
BASEMENT-2	D1	Mode 24	2,7342E-05	-4,5033E-06	0,00000	0,00000	0,00000	0,00000
BASEMENT-2	D1	Mode 25	-1,3479E-05	1,4274E-06	0,00000	0,00000	0,00000	0,00000
BASEMENT-2	D1	Mode 26	3,3727E-05	-1,3997E-05	0,00000	0,00000	0,00000	0,00000
BASEMENT-2	D1	Mode 27	6,1751E-05	2,2026E-05	0,00000	0,00000	0,00000	-2,3949E-06
BASEMENT-2	D1	Mode 28	3,1074E-04	1,9621E-05	0,00000	0,00000	0,00000	-8,6709E-06
BASEMENT-2	D1	Mode 29	1,2694E-05	8,9699E-06	0,00000	0,00000	0,00000	0,00000
BASEMENT-2	D1	Mode 30	-1,9177E-04	-7,0273E-06	0,00000	0,00000	0,00000	-1,2800E-05
BASEMENT-2	D1	Mode 31	-3,1320E-05	1,1389E-05	0,00000	0,00000	0,00000	0,00000

LOADING COMBINATIONS

COMBO	COMBO TYPE	CASE	CASE TYPE	SCALE FACTOR
ENVELOPE	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



B E A M F O R C E S

STORY	BEAM	LOAD	LOC	P	V2	V3	T	M2	M3
STORY16	B1	ENVELOPE MAX							
			0,4000	0,0000	15,5328	0,0000	2,0112	0,0000	186,8898
			0,8667	0,0000	20,8187	0,0000	2,0112	0,0000	178,4468
			1,3333	0,0000	27,1071	0,0000	2,0112	0,0000	167,3031
			1,8000	0,0000	34,3979	0,0000	2,0112	0,0000	152,9909
			2,2667	0,0000	42,6905	0,0000	2,0112	0,0000	135,0425
			2,7333	0,0000	51,4492	0,0000	2,0112	0,0000	118,5649
			3,2000	0,0000	60,2079	0,0000	2,0112	0,0000	103,6569
			3,6667	0,0000	68,9666	0,0000	2,0112	0,0000	82,2344
			4,1333	0,0000	77,3871	0,0000	2,0112	0,0000	116,5833
			4,6000	0,0000	84,8211	0,0000	2,0112	0,0000	170,7378
			5,0667	0,0000	91,2527	0,0000	2,0112	0,0000	219,9432
			5,5333	0,0000	96,6818	0,0000	2,0112	0,0000	265,0590
			6,0000	0,0000	101,2776	0,0000	2,0112	0,0000	306,9446
			6,0000	0,0000	139,9320	0,0000	2,0112	0,0000	306,9446
			6,3667	0,0000	144,4919	0,0000	2,0112	0,0000	323,8364
			6,7333	0,0000	150,1888	0,0000	2,0112	0,0000	338,8477
	7,1000	0,0000	155,9868	0,0000	2,0112	0,0000	351,6826		
STORY16	B1	ENVELOPE MIN							
			0,4000	0,0000	-218,5468	0,0000	-5,2313	0,0000	-536,0423
			0,8667	0,0000	-210,9673	0,0000	-5,2313	0,0000	-435,7507
			1,3333	0,0000	-201,5461	0,0000	-5,2313	0,0000	-339,4260
			1,8000	0,0000	-190,2831	0,0000	-5,2313	0,0000	-247,9275
			2,2667	0,0000	-177,1796	0,0000	-5,2313	0,0000	-162,1149
			2,7333	0,0000	-163,2198	0,0000	-5,2313	0,0000	-88,1767
			3,2000	0,0000	-149,2601	0,0000	-5,2313	0,0000	-26,4101
			3,6667	0,0000	-135,3003	0,0000	-5,2313	0,0000	31,2691
			4,1333	0,0000	-121,9619	0,0000	-5,2313	0,0000	22,6976
			4,6000	0,0000	-110,4358	0,0000	-5,2313	0,0000	-15,1899
			5,0667	0,0000	-100,7515	0,0000	-5,2313	0,0000	-56,3128
			5,5333	0,0000	-92,9089	0,0000	-5,2313	0,0000	-100,2032
			6,0000	0,0000	-87,0771	0,0000	-5,2313	0,0000	-146,3932
			6,0000	0,0000	-64,8143	0,0000	-5,2313	0,0000	-146,3932
			6,3667	0,0000	-61,4206	0,0000	-5,2313	0,0000	-192,2326
			6,7333	0,0000	-57,4080	0,0000	-5,2313	0,0000	-239,4299
	7,1000	0,0000	-53,3404	0,0000	-5,2313	0,0000	-288,1461		
STORY16	B31	ENVELOPE MAX							
			0,2500	0,0000	-24,5402	0,0000	-1,9372	0,0000	159,7063
			0,7222	0,0000	-18,4547	0,0000	-1,9372	0,0000	169,9386
			1,1944	0,0000	-10,7709	0,0000	-1,9372	0,0000	176,8799
			1,6667	0,0000	-2,0589	0,0000	-1,9372	0,0000	179,9495
			2,1389	0,0000	7,6796	0,0000	-1,9372	0,0000	191,2207
			2,6111	0,0000	17,8442	0,0000	-1,9372	0,0000	206,9019
			3,0833	0,0000	27,0393	0,0000	-1,9372	0,0000	215,1830
			3,5556	0,0000	35,2079	0,0000	-1,9372	0,0000	216,9506
			4,0278	0,0000	42,1724	0,0000	-1,9372	0,0000	228,2190
			4,5000	0,0000	47,1711	0,0000	-1,9372	0,0000	296,4297
			4,5000	0,0000	207,4938	0,0000	74,5646	0,0000	296,0269
			4,9583	0,0000	214,2597	0,0000	74,5646	0,0000	275,5511
			5,4167	0,0000	224,4612	0,0000	74,5646	0,0000	251,5745
			5,8750	0,0000	236,7989	0,0000	74,5646	0,0000	222,4329
			6,3333	0,0000	249,9735	0,0000	74,5646	0,0000	192,3074
			6,7917	0,0000	261,4963	0,0000	74,5646	0,0000	183,2156
	7,2500	0,0000	270,2002	0,0000	74,5646	0,0000	171,0424		
STORY16	B31	ENVELOPE MIN							
			0,2500	0,0000	-261,8038	0,0000	-49,2958	0,0000	-574,5934
			0,7222	0,0000	-252,7807	0,0000	-49,2958	0,0000	-452,9459
			1,1944	0,0000	-240,8212	0,0000	-49,2958	0,0000	-336,3260
			1,6667	0,0000	-226,9726	0,0000	-49,2958	0,0000	-225,8005
			2,1389	0,0000	-211,2381	0,0000	-49,2958	0,0000	-134,8177
			2,6111	0,0000	-194,7206	0,0000	-49,2958	0,0000	-60,7565
			3,0833	0,0000	-179,9845	0,0000	-49,2958	0,0000	8,7223
			3,5556	0,0000	-167,1343	0,0000	-49,2958	0,0000	74,1014
			4,0278	0,0000	-156,4961	0,0000	-49,2958	0,0000	121,7419
			4,5000	0,0000	-149,4698	0,0000	-49,2958	0,0000	103,4956
			4,5000	0,0000	-11,6319	0,0000	-1,9031	0,0000	103,6940
			4,9583	0,0000	-6,8096	0,0000	-1,9031	0,0000	31,7498
			5,4167	0,0000	-0,1173	0,0000	-1,9031	0,0000	-42,8444
			5,8750	0,0000	7,7378	0,0000	-1,9031	0,0000	-121,0497
			6,3333	0,0000	16,0484	0,0000	-1,9031	0,0000	-207,9938
			6,7917	0,0000	23,4600	0,0000	-1,9031	0,0000	-325,2751
	7,2500	0,0000	29,3372	0,0000	-1,9031	0,0000	-447,2579		

LOADING COMBINATIONS

COMBO	COMBO TYPE	CASE	CASE TYPE	SCALE FACTOR
COMB1	ADD	DEAD	Static	1,4000
COMB2	ADD	DEAD	Static	1,2000
		LIVE	Static	1,6000
COMB3	ADD	DEAD	Static	1,3200
		LIVE	Static	1,0000
		EX	Static	1,3000
		EY	Static	0,3900
COMB4	ADD	DEAD	Static	1,3200
		LIVE	Static	1,0000
		EX	Static	1,3000
		EY	Static	-0,3900
COMB5	ADD	DEAD	Static	1,3200
		LIVE	Static	1,0000
		EX	Static	-1,3000
		EY	Static	0,3900
COMB6	ADD	DEAD	Static	1,3200
		LIVE	Static	1,0000
		EX	Static	-1,3000
		EY	Static	-0,3900
COMB7	ADD	DEAD	Static	1,3200
		LIVE	Static	1,0000
		EX	Static	0,3900
		EY	Static	1,3000
COMB8	ADD	DEAD	Static	1,3200
		LIVE	Static	1,0000
		EX	Static	0,3900
		EY	Static	-1,3000
COMB9	ADD	DEAD	Static	1,3200
		LIVE	Static	1,0000
		EX	Static	-0,3900
		EY	Static	1,3000
COMB10	ADD	DEAD	Static	1,3200
		LIVE	Static	1,0000
		EX	Static	-0,3900
		EY	Static	-1,3000
COMB11	ADD	DEAD	Static	1,0200
		EX	Static	1,3000
		EY	Static	0,3900
COMB12	ADD	DEAD	Static	1,0200
		EX	Static	1,3000
		EY	Static	-0,3900
COMB13	ADD	DEAD	Static	1,0200
		EX	Static	-1,3000
		EY	Static	0,3900
COMB14	ADD	DEAD	Static	1,0200
		EX	Static	-1,3000
		EY	Static	-0,3900
COMB15	ADD	DEAD	Static	1,0200
		EX	Static	0,3900
		EY	Static	1,3000
COMB16	ADD	DEAD	Static	1,0200
		EX	Static	0,3900
		EY	Static	-1,3000
COMB17	ADD	DEAD	Static	1,0200
		EX	Static	-0,3900
		EY	Static	1,3000
COMB18	ADD	DEAD	Static	1,0200
		EX	Static	-0,3900
		EY	Static	-1,3000

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

STORY	COLUMN	LOAD	LOC	P	V2	V3	T	M2	M3
STORY17	C2	COMB1	0,0000	-3100,1985	-75,1342	3,6915	-0,3288	11,7603	-123,5866
			1,6500	-3078,4290	-75,1342	3,6915	-0,3288	5,6694	0,3848
			3,3000	-3056,6596	-75,1342	3,6915	-0,3288	-0,4215	124,3562
STORY17	C2	COMB2	0,0000	-3510,7657	-94,0404	4,8699	-0,1718	15,0070	-154,6413
			1,6500	-3492,1062	-94,0404	4,8699	-0,1718	6,9717	0,5255
			3,3000	-3473,4467	-94,0404	4,8699	-0,1718	-1,0636	155,6922
STORY17	C2	COMB3	0,0000	-2694,7708	7,5166	102,4843	-4,5750	171,0917	9,9768
			1,6500	-2674,2453	7,5166	102,4843	-4,5750	1,9926	-2,4256
			3,3000	-2653,7198	7,5166	102,4843	-4,5750	-167,1066	-14,8280
STORY17	C2	COMB4	0,0000	-2726,3589	11,8071	3,6008	-8,0902	9,1938	16,8662
			1,6500	-2705,8334	11,8071	3,6008	-8,0902	3,2524	-2,6155
			3,3000	-2685,3079	11,8071	3,6008	-8,0902	-2,6889	-22,0973
STORY17	C2	COMB5	0,0000	-4186,5456	-190,5384	5,4924	7,6078	19,1412	-310,8026
			1,6500	-4166,0202	-190,5384	5,4924	7,6078	10,0787	3,5857
			3,3000	-4145,4947	-190,5384	5,4924	7,6078	1,0162	317,9740
STORY17	C2	COMB6	0,0000	-4218,1337	-186,2478	-93,3911	4,0926	-142,7567	-303,9132
			1,6500	-4197,6083	-186,2478	-93,3911	4,0926	11,3386	3,3958
			3,3000	-4177,0828	-186,2478	-93,3911	4,0926	165,4338	310,7047
STORY17	C2	COMB7	0,0000	-3180,0392	-66,8082	183,9013	3,7899	306,7900	-110,3336
			1,6500	-3159,5137	-66,8082	183,9013	3,7899	3,3529	-0,1000
			3,3000	-3138,9882	-66,8082	183,9013	3,7899	-300,0842	110,1336
STORY17	C2	COMB8	0,0000	-3285,3328	-52,5065	-145,7105	-7,9272	-232,8698	-87,3690
			1,6500	-3264,8074	-52,5065	-145,7105	-7,9272	7,5524	-0,7332
			3,3000	-3244,2819	-52,5065	-145,7105	-7,9272	247,9747	85,9026
STORY17	C2	COMB9	0,0000	-3627,5716	-126,2247	154,8037	7,4448	261,2048	-206,5674
			1,6500	-3607,0462	-126,2247	154,8037	7,4448	5,7787	1,7034
			3,3000	-3586,5207	-126,2247	154,8037	7,4448	-249,6474	209,9742
STORY17	C2	COMB10	0,0000	-3732,8653	-111,9230	-174,8080	-4,2724	-278,4550	-183,6028
			1,6500	-3712,3398	-111,9230	-174,8080	-4,2724	9,9783	1,0702
			3,3000	-3691,8144	-111,9230	-174,8080	-4,2724	298,4115	185,7432
STORY17	C2	COMB11	0,0000	-1497,0345	42,1416	100,6272	-4,5734	165,4924	66,9033
			1,6500	-1481,1739	42,1416	100,6272	-4,5734	-0,5424	-2,6303
			3,3000	-1465,3134	42,1416	100,6272	-4,5734	-166,5773	-72,1639
STORY17	C2	COMB12	0,0000	-1528,6226	46,4321	1,7437	-8,0885	3,5945	73,7927
			1,6500	-1512,7621	46,4321	1,7437	-8,0885	0,7174	-2,8203
			3,3000	-1496,9015	46,4321	1,7437	-8,0885	-2,1596	-79,4332
STORY17	C2	COMB13	0,0000	-2988,8094	-155,9134	3,6353	7,6094	13,5420	-253,8760
			1,6500	-2972,9488	-155,9134	3,6353	7,6094	7,5437	3,3810
			3,3000	-2957,0882	-155,9134	3,6353	7,6094	1,5455	260,6380
STORY17	C2	COMB14	0,0000	-3020,3975	-151,6228	-95,2482	4,0943	-148,3560	-246,9867
			1,6500	-3004,5369	-151,6228	-95,2482	4,0943	8,8036	3,1910
			3,3000	-2988,6763	-151,6228	-95,2482	4,0943	165,9631	253,3687
STORY17	C2	COMB15	0,0000	-1982,3030	-32,1832	182,0441	3,7916	301,1907	-53,4071
			1,6500	-1966,4424	-32,1832	182,0441	3,7916	0,8179	-0,3047
			3,3000	-1950,5818	-32,1832	182,0441	3,7916	-299,5549	52,7976
STORY17	C2	COMB16	0,0000	-2087,5966	-17,8815	-147,5676	-7,9256	-238,4691	-30,4425
			1,6500	-2071,7360	-17,8815	-147,5676	-7,9256	5,0174	-0,9379
			3,3000	-2055,8755	-17,8815	-147,5676	-7,9256	248,5040	28,5666

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

STORY	COLUMN	LOAD	LOC	P	V2	V3	T	M2	M3
STORY17	C2	COMB17	0,0000	-2429,8354	-91,5997	152,9466	7,4465	255,6056	-149,6409
			1,6500	-2413,9748	-91,5997	152,9466	7,4465	3,2437	1,4987
			3,3000	-2398,1142	-91,5997	152,9466	7,4465	-249,1181	152,6382
STORY17	C2	COMB18	0,0000	-2535,1291	-77,2980	-176,6652	-4,2707	-284,0542	-126,6763
			1,6500	-2519,2685	-77,2980	-176,6652	-4,2707	7,4433	0,8655
			3,3000	-2503,4079	-77,2980	-176,6652	-4,2707	298,9408	128,4072
STORY16	C2	COMB1	0,0000	-3399,8092	-76,0156	3,2102	-0,2902	11,0361	-126,8227
			1,6500	-3378,0398	-76,0156	3,2102	-0,2902	5,7393	-1,3970
			3,3000	-3356,2703	-76,0156	3,2102	-0,2902	0,4425	124,0287
STORY16	C2	COMB2	0,0000	-3847,4903	-95,1855	4,1888	-0,1333	13,9717	-158,7583
			1,6500	-3828,8308	-95,1855	4,1888	-0,1333	7,0602	-1,7023
			3,3000	-3810,1713	-95,1855	4,1888	-0,1333	0,1487	155,3537
STORY16	C2	COMB3	0,0000	-2949,1293	9,4376	109,5264	-4,8175	186,6387	12,1627
			1,6500	-2928,6038	9,4376	109,5264	-4,8175	5,9201	-3,4093
			3,3000	-2908,0784	9,4376	109,5264	-4,8175	-174,7984	-18,9813
STORY16	C2	COMB4	0,0000	-2968,9820	13,5836	4,3291	-8,3644	11,3131	18,7710
			1,6500	-2948,4565	13,5836	4,3291	-8,3644	4,1701	-3,6420
			3,3000	-2927,9310	13,5836	4,3291	-8,3644	-2,9729	-26,0550
STORY16	C2	COMB5	0,0000	-4608,7970	-194,4639	3,5209	7,9615	15,1380	-320,4888
			1,6500	-4588,2715	-194,4639	3,5209	7,9615	9,3285	0,3766
			3,3000	-4567,7460	-194,4639	3,5209	7,9615	3,5191	321,2420
STORY16	C2	COMB6	0,0000	-4628,6497	-190,3178	-101,6764	4,4146	-160,1876	-313,8805
			1,6500	-4608,1242	-190,3178	-101,6764	4,4146	7,5785	0,1439
			3,3000	-4587,5987	-190,3178	-101,6764	4,4146	175,3446	314,1683
STORY16	C2	COMB7	0,0000	-3506,8515	-66,7650	195,1546	3,7932	331,1598	-111,9750
			1,6500	-3486,3261	-66,7650	195,1546	3,7932	9,1547	-1,8128
			3,3000	-3465,8006	-66,7650	195,1546	3,7932	-312,8504	108,3495
STORY16	C2	COMB8	0,0000	-3573,0271	-52,9448	-155,5030	-8,0299	-253,2585	-89,9473
			1,6500	-3552,5016	-52,9448	-155,5030	-8,0299	3,3214	-2,5884
			3,3000	-3531,9762	-52,9448	-155,5030	-8,0299	259,9014	84,7704
STORY16	C2	COMB9	0,0000	-4004,7519	-127,9355	163,3530	7,6269	279,7096	-211,7705
			1,6500	-3984,2264	-127,9355	163,3530	7,6269	10,1772	-0,6770
			3,3000	-3963,7009	-127,9355	163,3530	7,6269	-259,3551	210,4165
STORY16	C2	COMB10	0,0000	-4070,9274	-114,1152	-187,3047	-4,1962	-304,7087	-189,7428
			1,6500	-4050,4020	-114,1152	-187,3047	-4,1962	4,3439	-1,4527
			3,3000	-4029,8765	-114,1152	-187,3047	-4,1962	313,3966	186,8374
STORY16	C2	COMB11	0,0000	-1637,2437	44,4949	107,9402	-4,8275	181,4537	70,6222
			1,6500	-1621,3831	44,4949	107,9402	-4,8275	3,3523	-2,7944
			3,3000	-1605,5225	44,4949	107,9402	-4,8275	-174,7491	-76,2110
STORY16	C2	COMB12	0,0000	-1657,0963	48,6410	2,7430	-8,3744	6,1282	77,2305
			1,6500	-1641,2357	48,6410	2,7430	-8,3744	1,6023	-3,0271
			3,3000	-1625,3752	48,6410	2,7430	-8,3744	-2,9236	-83,2847
STORY16	C2	COMB13	0,0000	-3296,9113	-159,4066	1,9347	7,9516	9,9530	-262,0293
			1,6500	-3281,0508	-159,4066	1,9347	7,9516	6,7607	0,9915
			3,3000	-3265,1902	-159,4066	1,9347	7,9516	3,5684	264,0123
STORY16	C2	COMB14	0,0000	-3316,7640	-155,2605	-103,2626	4,4046	-165,3725	-255,4210
			1,6500	-3300,9034	-155,2605	-103,2626	4,4046	5,0107	0,7588
			3,3000	-3285,0428	-155,2605	-103,2626	4,4046	175,3939	256,9386

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

STORY	COLUMN	LOAD	LOC	P	V2	V3	T	M2	M3
STORY16	C2	COMB15	0,0000	-2194,9659	-31,7077	193,5685	3,7833	325,9749	-53,5155
			1,6500	-2179,1053	-31,7077	193,5685	3,7833	6,5869	-1,1978
			3,3000	-2163,2447	-31,7077	193,5685	3,7833	-312,8011	51,1199
STORY16	C2	COMB16	0,0000	-2261,1415	-17,8874	-157,0891	-8,0398	-258,4435	-31,4878
			1,6500	-2245,2809	-17,8874	-157,0891	-8,0398	0,7536	-1,9735
			3,3000	-2229,4203	-17,8874	-157,0891	-8,0398	259,9507	27,5408
STORY16	C2	COMB17	0,0000	-2692,8662	-92,8781	161,7668	7,6170	274,5247	-153,3110
			1,6500	-2677,0056	-92,8781	161,7668	7,6170	7,6094	-0,0621
			3,3000	-2661,1450	-92,8781	161,7668	7,6170	-259,3059	153,1868
STORY16	C2	COMB18	0,0000	-2759,0418	-79,0579	-188,8908	-4,2061	-309,8937	-131,2833
			1,6500	-2743,1812	-79,0579	-188,8908	-4,2061	1,7761	-0,8378
			3,3000	-2727,3206	-79,0579	-188,8908	-4,2061	313,4459	129,6077
STORY15	C2	COMB1	0,0000	-3704,7763	-63,8312	4,5521	-0,2515	14,4977	-97,4328
			1,6500	-3683,0069	-63,8312	4,5521	-0,2515	6,9867	7,8887
			3,3000	-3661,2375	-63,8312	4,5521	-0,2515	-0,5243	113,2101
STORY15	C2	COMB2	0,0000	-4190,3986	-79,9374	5,7369	-0,0952	18,0586	-121,9661
			1,6500	-4171,7391	-79,9374	5,7369	-0,0952	8,5926	9,9306
			3,3000	-4153,0796	-79,9374	5,7369	-0,0952	-0,8733	141,8273
STORY15	C2	COMB3	0,0000	-3209,2862	19,5113	102,9953	-4,9281	168,8328	35,0513
			1,6500	-3188,7607	19,5113	102,9953	-4,9281	-1,1095	2,8576
			3,3000	-3168,2353	19,5113	102,9953	-4,9281	-171,0517	-29,3361
STORY15	C2	COMB4	0,0000	-3215,8382	23,3522	8,1759	-8,4882	22,7165	41,1399
			1,6500	-3195,3128	23,3522	8,1759	-8,4882	9,2263	2,6087
			3,3000	-3174,7873	23,3522	8,1759	-8,4882	-4,2639	-35,9224
STORY15	C2	COMB5	0,0000	-5038,9065	-175,2508	2,7020	8,1643	11,6620	-272,9356
			1,6500	-5018,3810	-175,2508	2,7020	8,1643	7,2037	16,2282
			3,3000	-4997,8555	-175,2508	2,7020	8,1643	2,7453	305,3919
STORY15	C2	COMB6	0,0000	-5045,4585	-171,4099	-92,1174	4,6042	-134,4543	-266,8470
			1,6500	-5024,9330	-171,4099	-92,1174	4,6042	17,5394	15,9793
			3,3000	-5004,4076	-171,4099	-92,1174	4,6042	169,5331	298,8056
STORY15	C2	COMB7	0,0000	-3842,0093	-53,1364	178,5153	3,8077	284,2921	-79,8475
			1,6500	-3821,4838	-53,1364	178,5153	3,8077	-10,2582	7,8276
			3,3000	-3800,9583	-53,1364	178,5153	3,8077	-304,8085	95,5028
STORY15	C2	COMB8	0,0000	-3863,8494	-40,3335	-137,5494	-8,0593	-202,7623	-59,5521
			1,6500	-3843,3239	-40,3335	-137,5494	-8,0593	24,1942	6,9981
			3,3000	-3822,7984	-40,3335	-137,5494	-8,0593	251,1508	73,5484
STORY15	C2	COMB9	0,0000	-4390,8953	-111,5651	148,4273	7,7354	237,1408	-172,2436
			1,6500	-4370,3699	-111,5651	148,4273	7,7354	-7,7643	11,8388
			3,3000	-4349,8444	-111,5651	148,4273	7,7354	-252,6694	195,9212
STORY15	C2	COMB10	0,0000	-4412,7355	-98,7621	-167,6374	-4,1316	-249,9136	-151,9482
			1,6500	-4392,2100	-98,7621	-167,6374	-4,1316	26,6882	11,0093
			3,3000	-4371,6845	-98,7621	-167,6374	-4,1316	303,2899	173,9668
STORY15	C2	COMB11	0,0000	-1781,1080	48,9550	100,8729	-4,9494	162,2062	79,9624
			1,6500	-1765,2474	48,9550	100,8729	-4,9494	-4,2341	-0,8134
			3,3000	-1749,3869	48,9550	100,8729	-4,9494	-170,6745	-81,5892
STORY15	C2	COMB12	0,0000	-1787,6601	52,7959	6,0535	-8,5095	16,0899	86,0510
			1,6500	-1771,7995	52,7959	6,0535	-8,5095	6,1016	-1,0623
			3,3000	-1755,9389	52,7959	6,0535	-8,5095	-3,8867	-88,1755

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

STORY	COLUMN	LOAD	LOC	P	V2	V3	T	M2	M3
STORY15	C2	COMB13	0,0000	-3610,7283	-145,8071	0,5796	8,1430	5,0354	-228,0245
			1,6500	-3594,8677	-145,8071	0,5796	8,1430	4,0790	12,5572
			3,3000	-3579,0071	-145,8071	0,5796	8,1430	3,1226	253,1389
STORY15	C2	COMB14	0,0000	-3617,2803	-141,9662	-94,2398	4,5829	-141,0809	-221,9359
			1,6500	-3601,4198	-141,9662	-94,2398	4,5829	14,4147	12,3083
			3,3000	-3585,5592	-141,9662	-94,2398	4,5829	169,9104	246,5525
STORY15	C2	COMB15	0,0000	-2413,8311	-23,6927	176,3929	3,7864	277,6655	-34,9364
			1,6500	-2397,9705	-23,6927	176,3929	3,7864	-13,3829	4,1566
			3,3000	-2382,1099	-23,6927	176,3929	3,7864	-304,4312	43,2497
STORY15	C2	COMB16	0,0000	-2435,6712	-10,8898	-139,6718	-8,0806	-209,3889	-14,6411
			1,6500	-2419,8106	-10,8898	-139,6718	-8,0806	21,0696	3,3271
			3,3000	-2403,9500	-10,8898	-139,6718	-8,0806	251,5281	21,2953
STORY15	C2	COMB17	0,0000	-2962,7172	-82,1214	146,3049	7,7141	230,5142	-127,3325
			1,6500	-2946,8566	-82,1214	146,3049	7,7141	-10,8890	8,1678
			3,3000	-2930,9960	-82,1214	146,3049	7,7141	-252,2921	143,6681
STORY15	C2	COMB18	0,0000	-2984,5573	-69,3184	-169,7598	-4,1529	-256,5402	-107,0371
			1,6500	-2968,6967	-69,3184	-169,7598	-4,1529	23,5635	7,3383
			3,3000	-2952,8361	-69,3184	-169,7598	-4,1529	303,6672	121,7137

LOADING COMBINATIONS

COMBO	COMBO TYPE	CASE	CASE TYPE	SCALE FACTOR
COMB1	ADD	DEAD	Static	1,4000
COMB2	ADD	DEAD	Static	1,2000
		LIVE	Static	1,6000
		EX	Static	1,3000
COMB3	ADD	DEAD	Static	1,3200
		LIVE	Static	1,0000
		EY	Static	0,3900
COMB4	ADD	DEAD	Static	1,3200
		LIVE	Static	1,0000
		EX	Static	1,3000
COMB5	ADD	DEAD	Static	1,3200
		LIVE	Static	1,0000
		EY	Static	-1,3000
COMB6	ADD	DEAD	Static	1,3200
		LIVE	Static	1,0000
		EY	Static	0,3900
COMB7	ADD	DEAD	Static	1,3200
		LIVE	Static	1,0000
		EX	Static	0,3900
COMB8	ADD	DEAD	Static	1,3200
		LIVE	Static	1,0000
		EY	Static	-1,3000
COMB9	ADD	DEAD	Static	1,3200
		LIVE	Static	1,0000
		EX	Static	-0,3900
COMB10	ADD	DEAD	Static	1,3200
		LIVE	Static	1,0000
		EX	Static	-0,3900
COMB11	ADD	DEAD	Static	1,0200
		EX	Static	1,3000
		EY	Static	0,3900
COMB12	ADD	DEAD	Static	1,0200
		EX	Static	1,3000
		EY	Static	-0,3900
COMB13	ADD	DEAD	Static	1,0200
		EX	Static	-1,3000
		EY	Static	0,3900
COMB14	ADD	DEAD	Static	1,0200
		EX	Static	-1,3000
		EY	Static	-0,3900
COMB15	ADD	DEAD	Static	1,0200
		EX	Static	0,3900
		EY	Static	1,3000
COMB16	ADD	DEAD	Static	1,0200
		EX	Static	0,3900
		EY	Static	-1,3000
COMB17	ADD	DEAD	Static	1,0200
		EX	Static	-0,3900
		EY	Static	1,3000
COMB18	ADD	DEAD	Static	1,0200
		EX	Static	-0,3900
		EY	Static	-1,3000

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
BASEMENT-1	P6	COMB1	Top	-21893,1693	-147,4126	24,6927	36,0460	-39,0737	5660,2800
			Bottom	-22157,1560	-147,8617	24,8051	35,8290	40,5874	5169,7800
BASEMENT-1	P6	COMB2	Top	-24846,9235	-289,8702	50,3439	368,0757	-73,2553	8229,3712
			Bottom	-25075,2912	-290,4051	50,6664	367,2877	88,8633	7279,5867
BASEMENT-1	P6	COMB3	Top	-40734,8588	174,3841	-141,3971	365,7287	-15,0116	2407,6431
			Bottom	-40989,1904	173,2202	-126,1904	323,3786	-441,6140	2931,5817
BASEMENT-1	P6	COMB4	Top	-34557,5075	-1917,2020	-114,2101	26,4958	-64,7393	-18385,6911
			Bottom	-34811,0249	-1918,0244	-96,4529	-23,0615	-400,4679	-24552,0037
BASEMENT-1	P6	COMB5	Top	-14328,4418	1434,8283	197,2469	462,9505	-58,6470	33281,4903
			Bottom	-14575,3447	1434,6163	179,9844	511,3462	544,5967	37861,1650
BASEMENT-1	P6	COMB6	Top	-8151,0906	-656,7578	224,4339	123,7177	-108,3746	12488,1561
			Bottom	-8397,1792	-656,6283	209,7219	164,9061	585,7428	10377,5797
BASEMENT-1	P6	COMB7	Top	-38699,5227	3055,7234	-54,5899	795,5280	27,7317	37472,3794
			Bottom	-38952,2041	3054,4942	-53,7230	793,3473	-144,4440	47221,1188
BASEMENT-1	P6	COMB8	Top	-18108,3518	-3916,2303	36,0335	-335,2481	-138,0273	-31838,7344
			Bottom	-18358,3192	-3916,3211	45,4020	-361,4529	-7,2903	-44390,8325
BASEMENT-1	P6	COMB9	Top	-30777,5976	3433,8567	47,0033	824,6945	14,6411	46734,5336
			Bottom	-31028,0504	3432,9130	38,1294	849,7376	151,4192	57699,9938
BASEMENT-1	P6	COMB10	Top	-10186,4267	-3538,0971	137,6267	-306,0816	-151,1179	-22576,5803
			Bottom	-10434,1655	-3537,9023	137,2545	-305,0627	288,5729	-33911,9574
BASEMENT-1	P6	COMB11	Top	-32242,6217	308,1704	-164,9251	147,2675	18,2135	-916,3383
			Bottom	-32439,0764	307,1965	-149,8838	105,3402	-484,1075	43,5550
BASEMENT-1	P6	COMB12	Top	-26065,2705	-1783,4157	-137,7381	-191,9653	-31,5142	-21709,6724
			Bottom	-26260,9109	-1784,0481	-120,1463	-241,0999	-442,9614	-27440,0304
BASEMENT-1	P6	COMB13	Top	-5836,2048	1568,6146	173,7189	244,4894	-25,4218	29957,5089
			Bottom	-6025,2307	1568,5925	156,2910	293,3079	502,1031	34973,1384
BASEMENT-1	P6	COMB14	Top	341,1465	-522,9716	200,9059	-94,7434	-75,1495	9164,1748
			Bottom	152,9348	-522,6521	186,0285	-53,1322	543,2492	7489,5530
BASEMENT-1	P6	COMB15	Top	-30207,2856	3189,5097	-78,1179	577,0668	60,9568	34148,3981
			Bottom	-30402,0901	3188,4704	-77,4164	575,3090	-186,9376	44333,0921
BASEMENT-1	P6	COMB16	Top	-9616,1147	-3782,4441	12,5055	-553,7093	-104,8022	-35162,7158
			Bottom	-9808,2052	-3782,3448	21,7086	-579,4913	-49,7839	-47278,8591
BASEMENT-1	P6	COMB17	Top	-22285,3605	3567,6429	23,4753	606,2334	47,8662	43410,5523
			Bottom	-22477,9364	3566,8892	14,4360	631,6993	108,9256	54811,9671
BASEMENT-1	P6	COMB18	Top	-1694,1896	-3404,3108	114,0987	-524,5427	-117,8928	-25900,5616
			Bottom	-1884,0515	-3403,9260	113,5611	-523,1010	246,0793	-36799,9841

LOADING COMBINATIONS

COMBO	COMBO TYPE	CASE	CASE TYPE	SCALE FACTOR
COMB1	ADD	DEAD	Static	1,4000
COMB2	ADD	DEAD	Static	1,2000
		LIVE	Static	1,6000
		EX	Static	1,3000
COMB3	ADD	DEAD	Static	1,3200
		LIVE	Static	1,0000
		EX	Static	1,3000
		EY	Static	0,3900
COMB4	ADD	DEAD	Static	1,3200
		LIVE	Static	1,0000
		EX	Static	1,3000
		EY	Static	-0,3900
COMB5	ADD	DEAD	Static	1,3200
		LIVE	Static	1,0000
		EX	Static	-1,3000
		EY	Static	0,3900
COMB6	ADD	DEAD	Static	1,3200
		LIVE	Static	1,0000
		EX	Static	-1,3000
		EY	Static	-0,3900
COMB7	ADD	DEAD	Static	1,3200
		LIVE	Static	1,0000
		EX	Static	0,3900
		EY	Static	1,3000
COMB8	ADD	DEAD	Static	1,3200
		LIVE	Static	1,0000
		EX	Static	0,3900
		EY	Static	-1,3000
COMB9	ADD	DEAD	Static	1,3200
		LIVE	Static	1,0000
		EX	Static	-0,3900
		EY	Static	1,3000
COMB10	ADD	DEAD	Static	1,3200
		LIVE	Static	1,0000
		EX	Static	-0,3900
		EY	Static	-1,3000
COMB11	ADD	DEAD	Static	1,0200
		EX	Static	1,3000
		EY	Static	0,3900
COMB12	ADD	DEAD	Static	1,0200
		EX	Static	1,3000
		EY	Static	-0,3900
COMB13	ADD	DEAD	Static	1,0200
		EX	Static	-1,3000
		EY	Static	0,3900
COMB14	ADD	DEAD	Static	1,0200
		EX	Static	-1,3000
		EY	Static	-0,3900
COMB15	ADD	DEAD	Static	1,0200
		EX	Static	0,3900
		EY	Static	1,3000
COMB16	ADD	DEAD	Static	1,0200
		EX	Static	0,3900
		EY	Static	-1,3000
COMB17	ADD	DEAD	Static	1,0200
		EX	Static	-0,3900
		EY	Static	1,3000
COMB18	ADD	DEAD	Static	1,0200
		EX	Static	-0,3900
		EY	Static	-1,3000

S U P P O R T R E A C T I O N S

STORY	POINT	LOAD	FX	FY	FZ	MX	MY	MZ
BASE	2	COMB1	149,4468	27,0798	9215,6061	70,5865	34,7365	-0,0137
BASE	2	COMB2	343,9050	65,1547	10933,4199	103,5504	77,1487	-0,0407
BASE	2	COMB3	144,2355	-76,2110	8801,9962	709,0201	-180,1194	2,2474
BASE	2	COMB4	143,1571	16,8818	8307,3297	357,9289	-182,8884	2,7086
BASE	2	COMB5	408,4165	86,6123	12863,5816	-171,0134	307,6097	-2,7706
BASE	2	COMB6	407,3381	179,7050	12368,9151	-522,1045	304,8406	-2,3095
BASE	2	COMB7	237,9570	-127,8310	10800,6619	810,6148	-6,1837	-0,0469
BASE	2	COMB8	234,3623	182,4781	9151,7737	-359,6891	-15,4138	1,4903
BASE	2	COMB9	317,2113	-78,9840	12019,1376	546,6047	140,1351	-1,5523
BASE	2	COMB10	313,6167	231,3251	10370,2493	-623,6992	130,9050	-0,0151
BASE	2	COMB11	-22,6686	-108,2285	4930,7678	666,9896	-217,1720	2,2685
BASE	2	COMB12	-23,7470	-15,1357	4436,1014	315,8984	-219,9410	2,7297
BASE	2	COMB13	241,5124	54,5948	8992,3533	-213,0439	270,5571	-2,7496
BASE	2	COMB14	240,4340	147,6876	8497,6868	-564,1350	267,7880	-2,2884
BASE	2	COMB15	71,0528	-159,8485	6929,4336	768,5843	-43,2363	-0,0259
BASE	2	COMB16	67,4582	150,4606	5280,5454	-401,7197	-52,4664	1,5114
BASE	2	COMB17	150,3071	-111,0015	8147,9093	504,5742	103,0824	-1,5313
BASE	2	COMB18	146,7125	199,3076	6499,0210	-665,7297	93,8523	0,0060
Summation	0, 0, Base	COMB1	149,4468	27,0798	9215,6061	42462,3747	34,7365	-687,4690
Summation	0, 0, Base	COMB2	343,9050	65,1547	10933,4199	50397,2818	77,1487	-1582,0037
Summation	0, 0, Base	COMB3	144,2355	-76,2110	8801,9962	41198,2024	-180,1194	-661,2359
Summation	0, 0, Base	COMB4	143,1571	16,8818	8307,3297	38571,6455	-182,8884	-655,8141
Summation	0, 0, Base	COMB5	408,4165	86,6123	12863,5816	59001,4619	307,6097	-1881,4866
Summation	0, 0, Base	COMB6	407,3381	179,7050	12368,9151	56374,9050	304,8406	-1876,0649
Summation	0, 0, Base	COMB7	237,9570	-127,8310	10800,6619	50493,6597	-6,1837	-1094,6491
Summation	0, 0, Base	COMB8	234,3623	182,4781	9151,7737	41738,4699	-15,4138	-1076,5765
Summation	0, 0, Base	COMB9	317,2113	-78,9840	12019,1376	55834,6375	140,1351	-1460,7243
Summation	0, 0, Base	COMB10	313,6167	231,3251	10370,2493	47079,4478	130,9050	-1442,6517
Summation	0, 0, Base	COMB11	-22,6686	-108,2285	4930,7678	23348,5217	-217,1720	106,5442
Summation	0, 0, Base	COMB12	-23,7470	-15,1357	4436,1014	20721,9648	-219,9410	111,9660
Summation	0, 0, Base	COMB13	241,5124	54,5948	8992,3533	41151,7812	270,5571	-1113,7065
Summation	0, 0, Base	COMB14	240,4340	147,6876	8497,6868	38525,2243	267,7880	-1108,2847
Summation	0, 0, Base	COMB15	71,0528	-159,8485	6929,4336	32643,9789	-43,2363	-326,8689
Summation	0, 0, Base	COMB16	67,4582	150,4606	5280,5454	23888,7892	-52,4664	-308,7964
Summation	0, 0, Base	COMB17	150,3071	-111,0015	8147,9093	37984,9568	103,0824	-692,9442
Summation	0, 0, Base	COMB18	146,7125	199,3076	6499,0210	29229,7670	93,8523	-674,8716



LAMPIRAN B
DATA LAPANGAN

BORING LOG & SPT DIAGRAM

PROJECT : APARTMENT CASA de PARCO 26-30 LT + 3 BASEMENT & RUKO 4 LT + 2 BASEMENT
LOCATION : B.S.D. SERPONG - TANGERANG
HOLE : DB IX
DATE of TEST : 09 - 13 OKTOBER 2013

DEPTH (M)	LAYER THICKNESS (M)	ELEVATION (M)	SOIL CLASSIFICATION	Cp (kg/cm ²)	SAMPLE		N VALUE EVERY 15 CM	N VALUE 30 CM	N VALUE STANDARD PENETRATION TEST
					ELEVATION (M)	SYMBOL			
		33.460							0 10 20 30 40 50 60 70 80
1			SILT, MH, coklat, abu2, hitam, putih, silt lempung dan pasir halus, konsistensi medium ± soft, aktivitas sedang.			70			
2				2.60	58				
3				1.50	100	1	2	3	5
4	4.00	4.00		3.50	100	1	1	2	3
5				3.80	58				
6			SILT, MH, coklat, abu-abu, hitam, kuning, silt pasir halus dengan lempung sedikit gumpalan silt, konsistensi medium-very stiff ± stiff, aktivitas aktive.	5.50	100	1	1	3	4
7				7.00	100				
8				7.50	100	2	2	3	5
9				9.00	75				
10				9.50	100	4	7	14	21
11				70					
12				90					
13	8.50	12.50	PASIR, abu-abu, coklat, cadas pasir halus + kasar silt, very dense cemented.	11.50	100	3	6	8	14
14	1.50	14.00		13.00	44	13	60	>60	>60
15	1.30	15.30	SILT, MH, abu2, silt lempung dengan pasir halus dan organik kayu, hard, kepekaan tidak peka			10			
16			PASIR, abu-abu, hijau, cadas pasir halus silt, very dense cemented.	15.50	44	14	48	60	108
17				17.00	44	16	39	60	96
18				17.50	75				
19	3.20	18.50	SILT, MH, abu2, silt pasir halus dengan lempung, hard, aktivitas aktive, kepekaan sedang.	18.50	78	10	13	16	31
20				18.50	70				
21	2.00	20.50	SILT, ML, abu-abu, putih, hijau, silt pasir halus dengan lempung hard, kepekaan sedang.	20.00	89	11	13	20	33
22				20.00	75				
23				22.00	100				
24				22.00	100	12	14	22	36
25	3.80	24.30		24.00	89	13	15	24	39
26			SILT, abu2, hijau, cadas silt, hard cemented.	25.00	89	20	23	35	56
27	2.70	27.00		25.00	75				
28			SILT, abu-abu, hijau, cadas silt pasir halus, hard cemented.	27.00	89	13	24	38	62
29				28.50	78	13	37	60	97
30				28.50	70				
31	3.60	30.50	SILT, MH, abu-abu, putih, silt pasir halus sedikit lempung, hard, aktivitas aktive.	30.00	78	25	45	60	105
32				30.00	70				
33			SILT, abu-abu, coklat, cadas silt pasir halus, hard cemented.	32.00	89	16	21	30	51
34	3.00	33.50		32.00	70				
35				34.00	100				
36	0.60	35.50	PASIR, abu-abu, hitam, cadas pasir halus + kasar silt, very dense cemented.	34.00	89	17	24	45	68
37	1.50	37.00		35.50	80	60	>60	>60	>60
38			SILT, abu2, hijau, cadas silt, hard cemented.	37.00	44	45	60	>60	>60
39				37.00	65	7			
40	3.00	40.00		38.50	33	49	60	>60	>60
				38.50	80	6			
				39.50	44	37	60	>60	>60

PT. SOLEPOND SAKTI, JAKARTA

Raymond Haidun M.Eng.

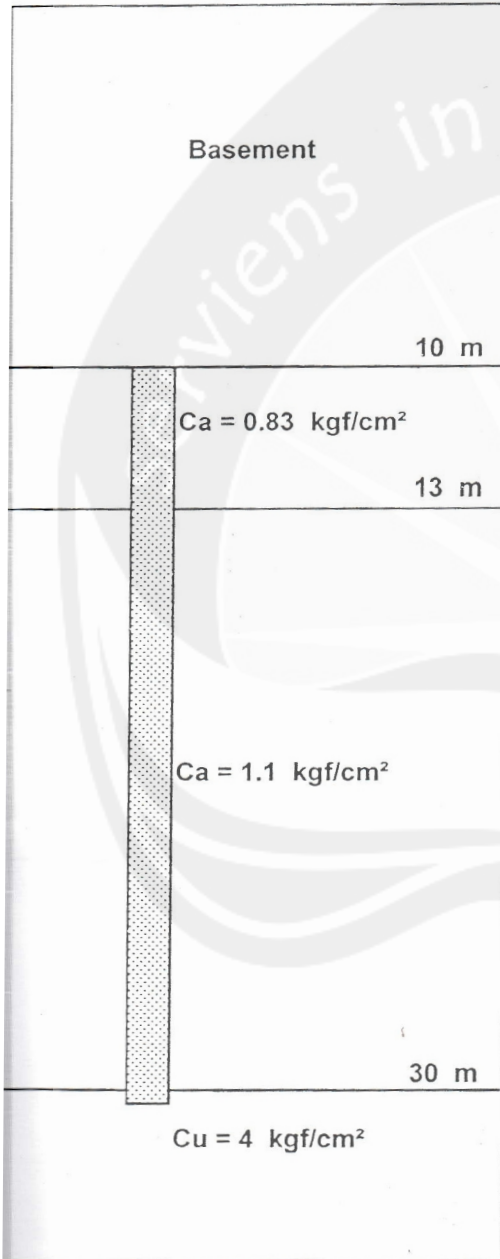
<ul style="list-style-type: none"> ■ UNDISTURBED SAMPLE ⊠ STANDARD PENETRATION TEST □ CORE SAMPLE □ DISTURBED SAMPLE 	<ul style="list-style-type: none"> ■ SILT (Lempu) ■ LEMPUNG ■ PASIR ■ CEMENTED ■ RUNT ■ KEMBARANG KARANANG ■ BATU KARANANG 	<ul style="list-style-type: none"> ■ KULIT KERANG ■ KARANG ■ ORGANIC ■ GUMPALAN CADAS ■ KERIKIL ■ KORAL ■ BATU
--	---	---

MUKA AIR TANAH = - 5.60 M

PERHITUNGAN DAYA DUKUNG TIANG

Proyek : APARTEMEN CASA DE PARCO 26 - 30 LANTAI DAN 3 LANTAI BASEMENT
 Lokasi : B.S.D. , SERPONG - TANGERANG.

DB.IX



Pondasi Tiang Bor Biasa

Diameter ϕ 100 - 120 cm

Panjang Tiang L = 20 m terhadap dasar Basement

$$A_b = 7854 \text{ cm}^2 \quad O = 314 \text{ cm}$$

$$A_b = 11310 \text{ cm}^2 \quad O = 377 \text{ cm}$$

$\phi = 100 \text{ cm}$

$$P_u = 0.8 \times 9 \times 4 \times 7854 + 314 (300 \times 0.83 + 1700 \times 1.1)$$

$$= 226195.2 + 665366$$

$$= 891561.2 \text{ kg}$$

$$\bar{P}_1 \text{ TIANG AXIAL TEKAN} = \frac{891.56}{2.5} = 356.6 \text{ tonf}$$

$$\bar{P}_1 \text{ TIANG AXIAL TARIK} = \frac{665.37}{2.5} = 266.1 \text{ tonf}$$

$\phi = 120 \text{ cm}$

$$P_u = 0.8 \times 9 \times 4 \times 11310 + 377 (300 \times 0.83 + 1700 \times 1.1)$$

$$= 325728 + 798863$$

$$= 1124591 \text{ kg}$$

$$\bar{P}_1 \text{ TIANG AXIAL TEKAN} = \frac{1124.59}{2.5} = 449.8 \text{ tonf}$$

$$\bar{P}_1 \text{ TIANG AXIAL TARIK} = \frac{798.86}{2.5} = 319.5 \text{ tonf}$$

REKOMENDASI DAYA DUKUNG TIANG

Lokasi	Diameter (cm)	\bar{P} tiang (tonf)		
		Axial Tekan	Axial Tarik	Lateral
DB III	100	350	230	15
	120	450	275	20
DB IV	100	350	230	15
	120	450	275	20
DB V	100	350	230	15
	120	450	275	20
DB VI	100	350	220	15
	120	450	250	20
DB VII	100	350	220	15
	120	450	270	20
DB VIII	100	350	230	15
	120	450	275	20
DB IX	100	350	200	15
	120	440	260	20



LAMPIRAN C
GAMBAR RENCANA STRUKTUR



PROGRAM STUDI TEKNIK SIPIL
FAKULTAS TEKNIK
UNIVERSITAS ATMA JAYA YOGYAKARTA
Jl. Sekeloa No. 41 Yogyakarta

Judul Tugas Akhir

Perencanaan Struktur Gedung Apartemen 26 Lantai Berdasarkan
SNI 1726-2012 dan SNI 2847-2013

STRUKTUR

Pemrintasan Studi

Ditanyakan Oleh

Yohan Asyuro
NPM. 110214107

Diperiksa Oleh

Prof. Ir. Yoyong Ardiadi, M.Engg., Ph.D
Dosen Pembimbing

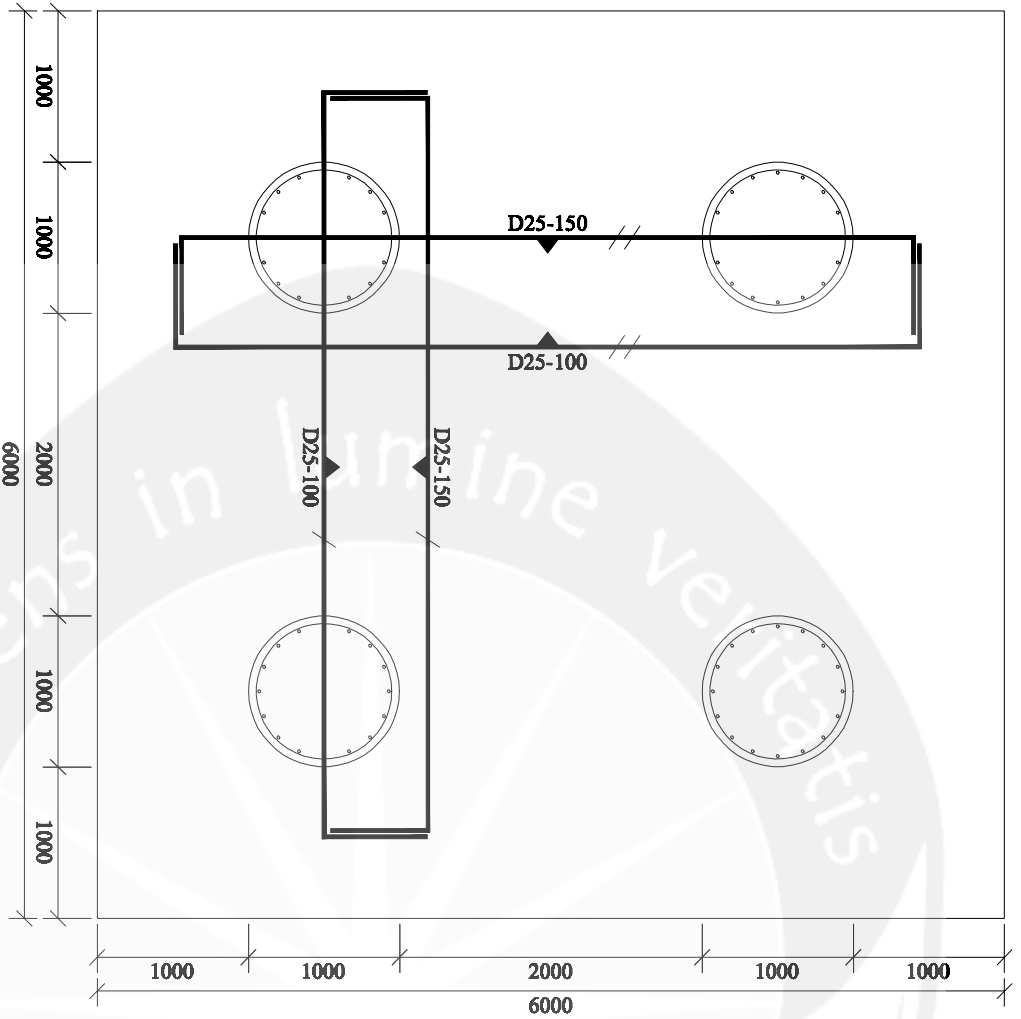
Judul Gambar

Detail Pile Cap dan Bor Pile

Skala

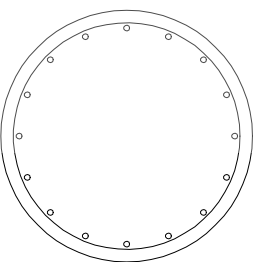
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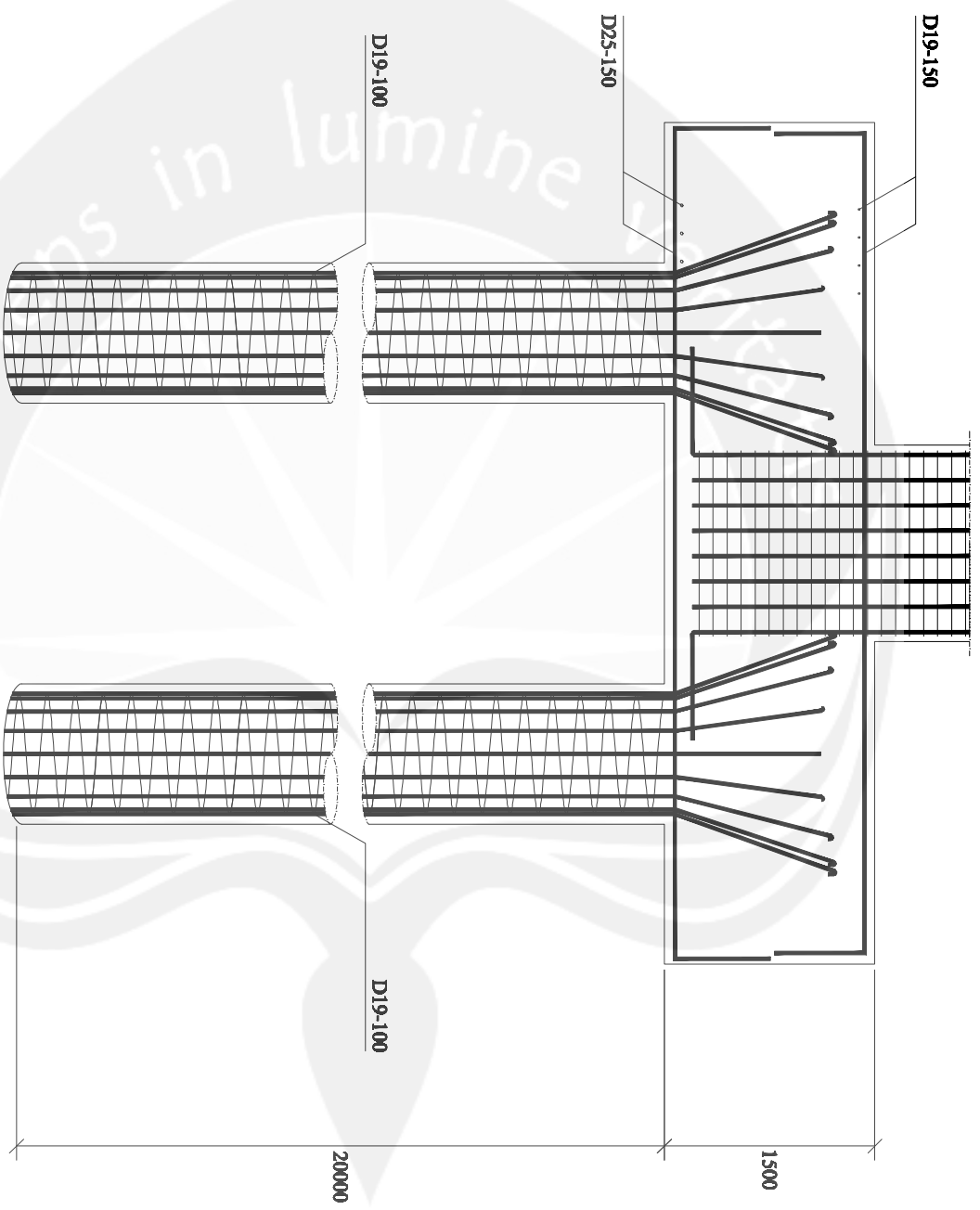
Detail Pile Cap
Skala 1:50




Detail Bor Pile
Skala 1:30

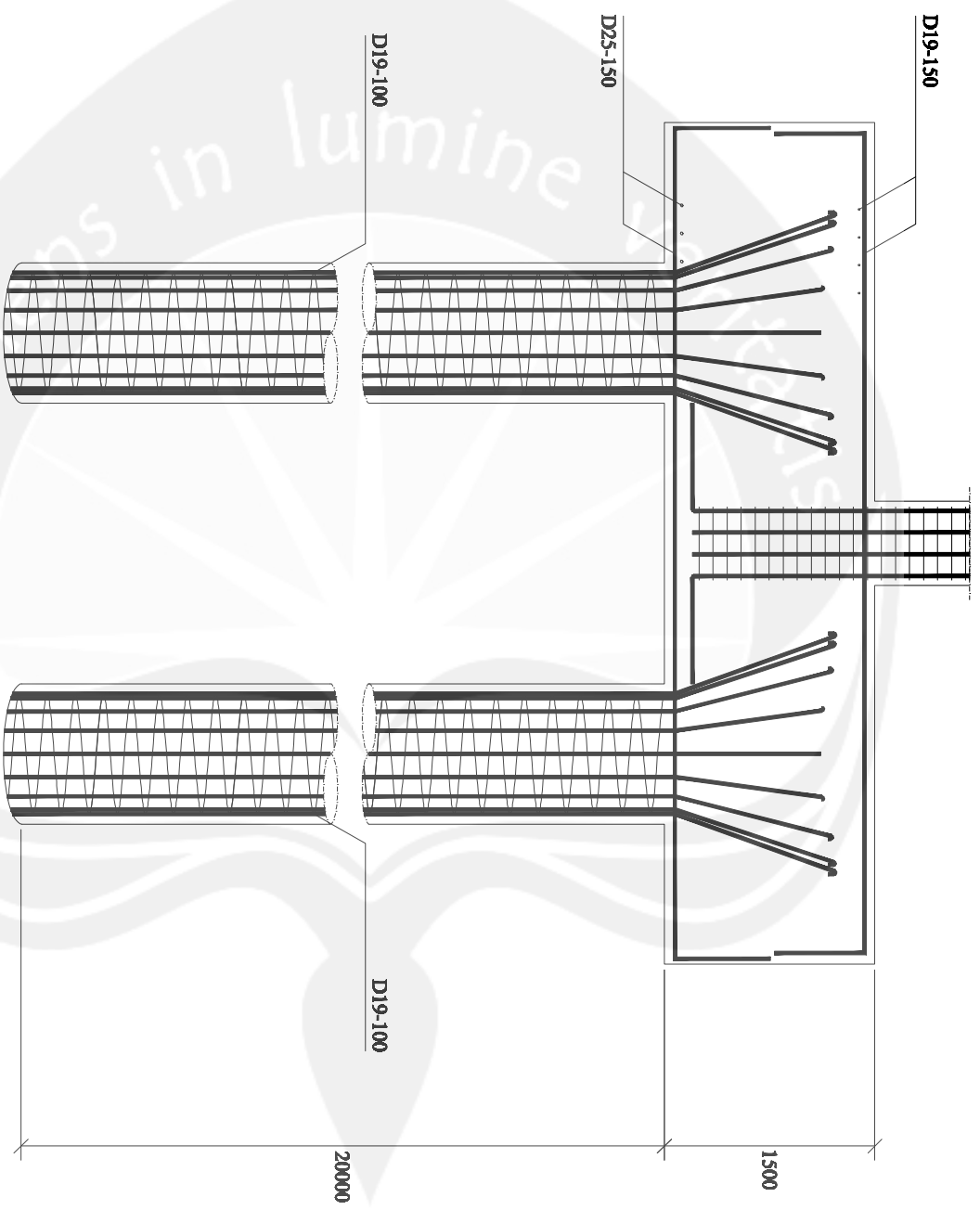
Detail Bor Pile	
Diameter	1000 mm
Tulangan Lentur	16D25
Sengkang	D19-100






Detail fondasi
Skala 1:50

 <p>PROGRAM STUDI TEKNIK SIPIL FAKULTAS TEKNIK UNIVERSITAS ATMA JAYA YOGYAKARTA Jl. Sekeloa No. 4 Yogyakarta</p>	Judul Tugas Akhir	Peminatan Studi	Dibacakan Oleh	Diperiksa Oleh	Judul Gambar	Skala
	<p>Perencanaan Struktur Gedung Apartemen 26 Lantai Berdasarkan SNI 1726-2012 dan SNI 2847-2013</p>	STRUKTUR	Yohan Asyuro NPM.110214107	Prof. Ir. Yoyong Arifadi, M.Eng., Ph.D Dosen Pembimbing	Detail Fondasi	1:50



Detail fondasi
Skala 1:50

 <p>PROGRAM STUDI TEKNIK SIPIL FAKULTAS TEKNIK UNIVERSITAS ATMA JAYA YOGYAKARTA Jl. Sekeloa No. 4 Yogyakarta</p>	Judul Tugas Akhir	Peminatan Studi	Dibuat/dianalisis Oleh	Diperiksa Oleh	Judul Gambar	Skala
	<p>Perencanaan Struktur Gedung Apartemen 26 Lantai Berdasarkan SNI 1726-2012 dan SNI 2847-2013</p>	STRUKTUR	Yohan Asyuro NPM.110214107	Prof. Ir. Yoyong Ardiadi, M.Eng., Ph.D Dosen Pembimbing	Detail Fondasi	1:50



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Jl. Sekeloa No. 41 Yogyakarta

Judul Tugas Akhir

Perencanaan Struktur Gedung Apartemen 26 Lantai Berdasarkan
SNI 1726-2012 dan SNI 2847-2013

Peminatan Studi

STRUKTUR

Ditanyakan Oleh

Yohan Asyuro
NPM. 110214107

Diperiksa Oleh

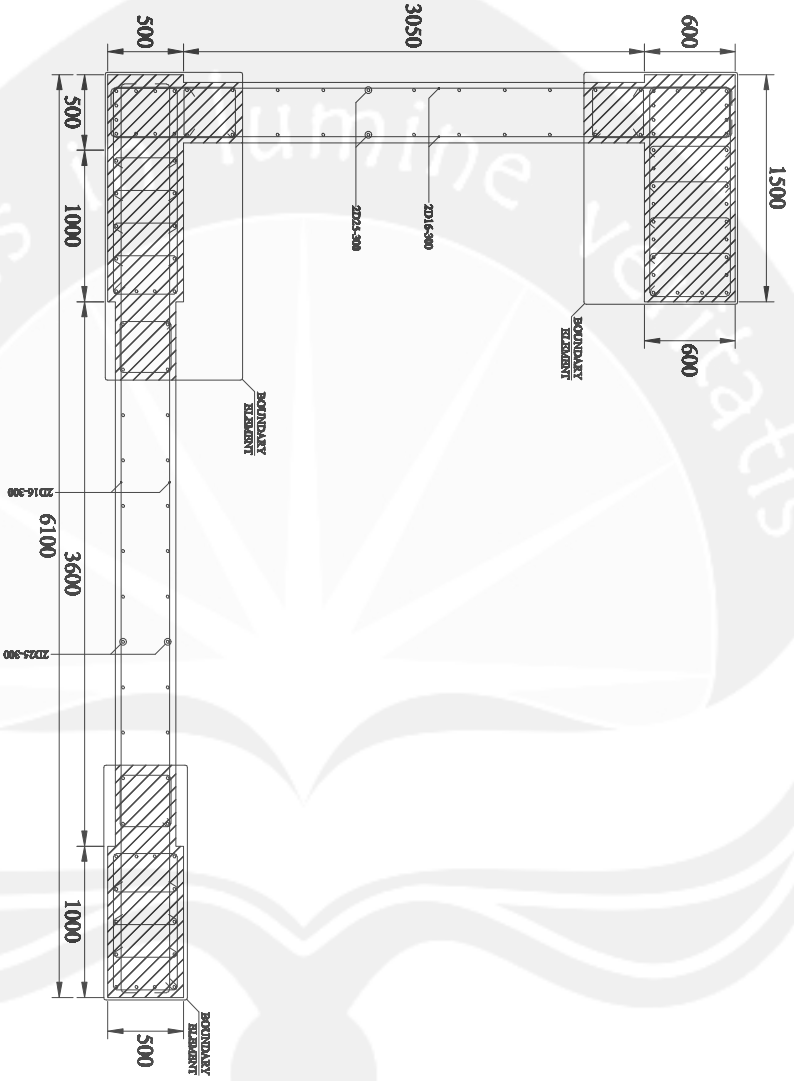
Prof. Ir. Yoyong Arifadi, M.Eng., Ph.D
Dosen Pembimbing

Judul Gambar

Perencanaan Dinding Geser

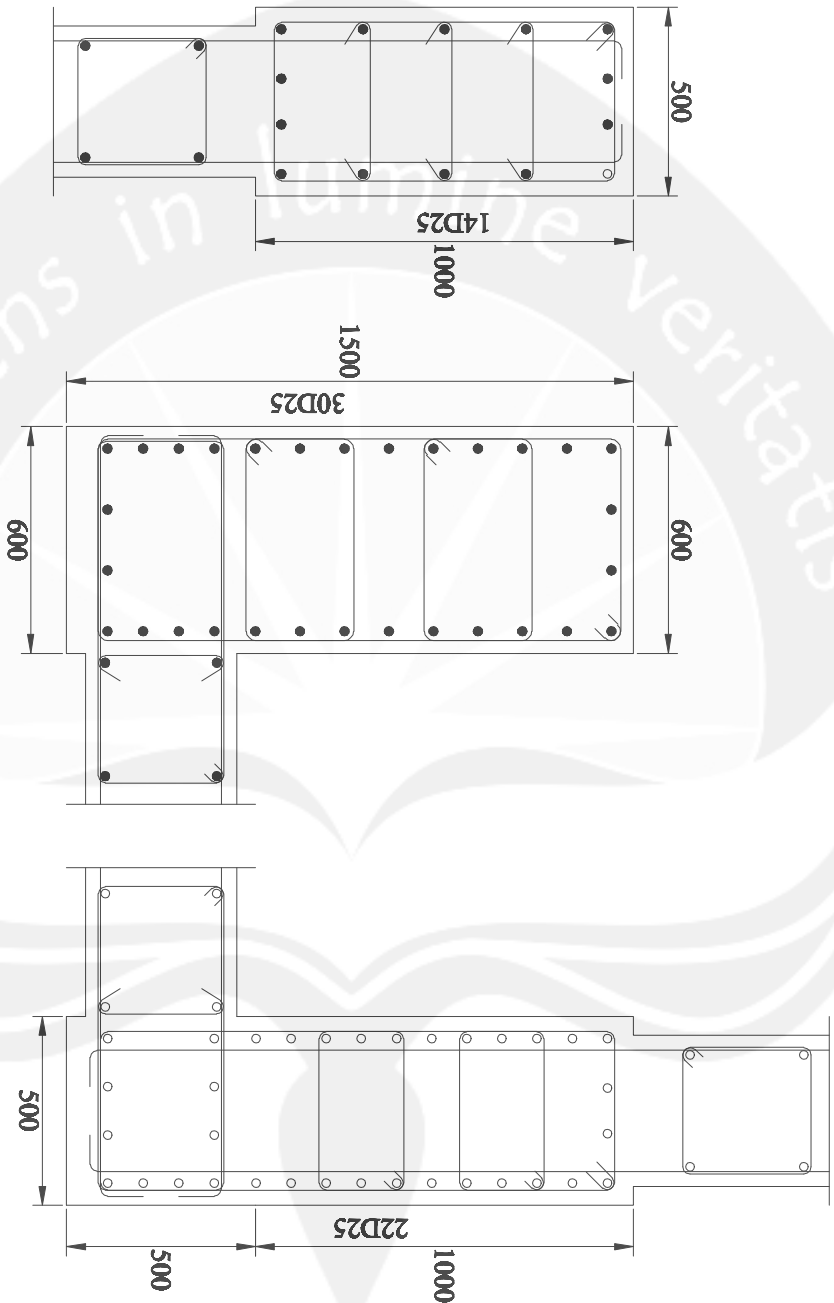
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1:50





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Judul Tugas Akhir	Peminatan Studi	Dibacakan Oleh	Diperiksa Oleh	Judul Gambar	Skala
Perencanaan Struktur Gedung Apartemen 26 Lantai Berdasarkan SNI 1726-2012 dan SNI 2847-2013	STRUKTUR	Yohan Asyuro NPM.110214107	Prof. Ir. Yoyong Arifadi, M.Eng., Ph.D Dosen Pembimbing	Perencanaan Dinding Geser	1:10



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Judul Tugas Akhir

Perencanaan Struktur Gedung Apartemen 26 Lantai Berdasarkan
SNI 1726-2012 dan SNI 2847-2013

Pemilihan Studi

STRUKTUR

Ditentukan Oleh

Yohan Asyuro
NPM. 110214107

Dipantau Oleh

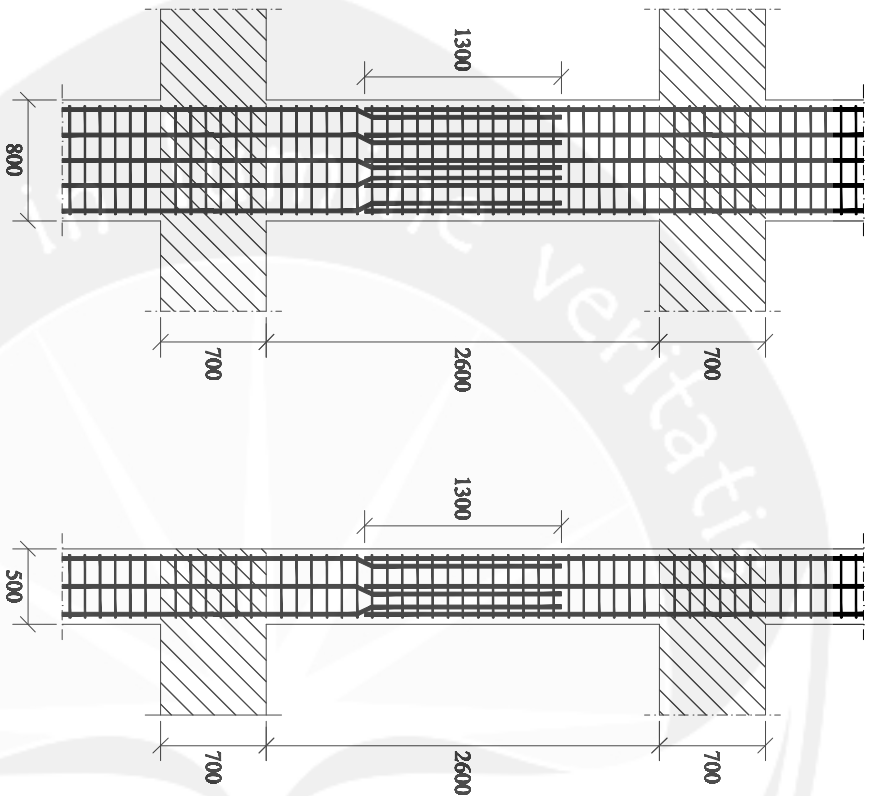
Prof. Ir. Yoyong Arifadi, M.Eng., Ph.D
Dosen Pembimbing

Judul Gambar

Detail Kolom

Skala

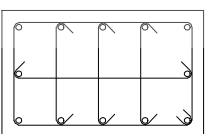
1:50
1:30



Penulangan Memanjang
Skala 1:50

PENULANGAN KOLOM C2	
Dimensi	500 x 800 mm ²
Tulangan Lintang	12D25
Tulangan Geser	Ø13-100
Sambungan Lintang	1300 mm

Potongan
Skala 1:30





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Jl. Sekeloa No. 41 Yogyakarta

Judul Tugas Akhir

Perencanaan Struktur Gedung Apartemen 26 Lantai Berdasarkan
SNI 1726-2012 dan SNI 2847-2013

Pembuatan Skema

STRUKTUR

Dibuat oleh

Yolan Asyuro
NPM. 110214107

Diperiksa oleh

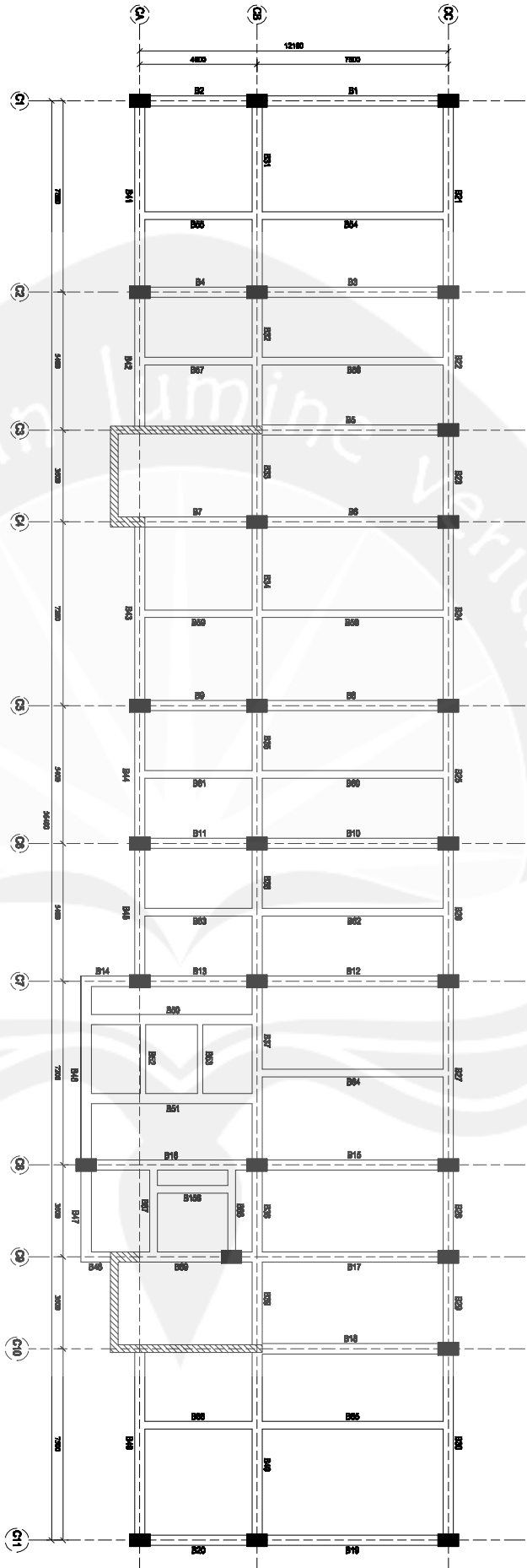
Prof. Ir. Yoyong Arhadi, M.Eng., Ph.D
Dosen Pembimbing

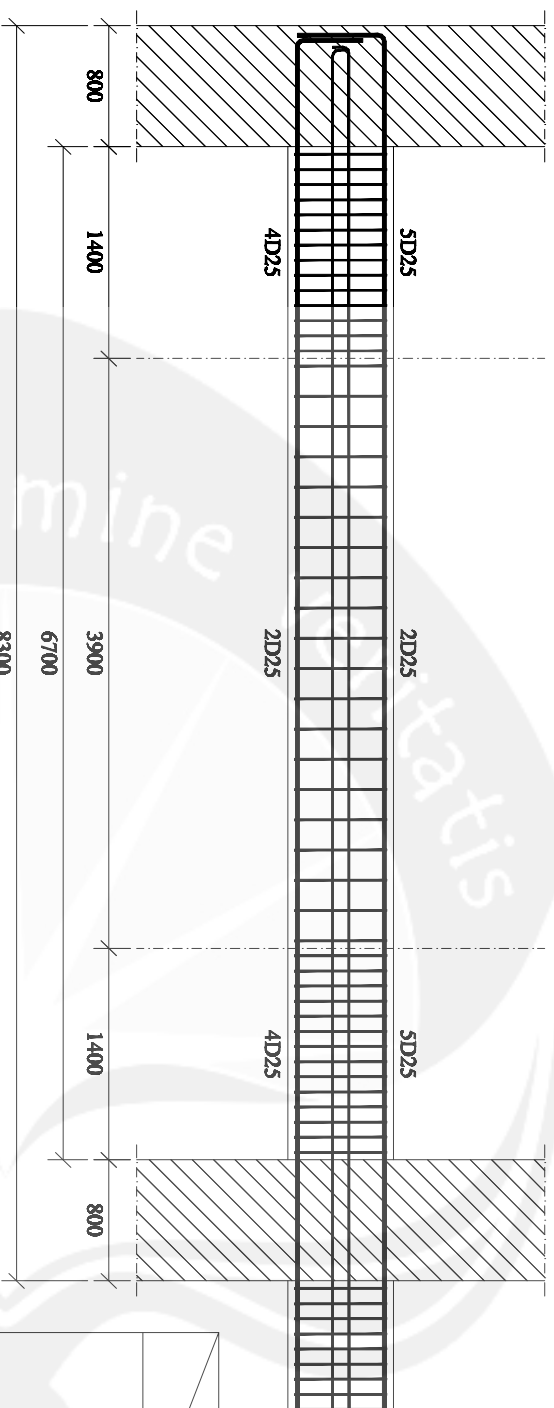
Judul Gambar

Denah Balok

Skala

1:250





Penulangan Memanjang
Skala 1:60

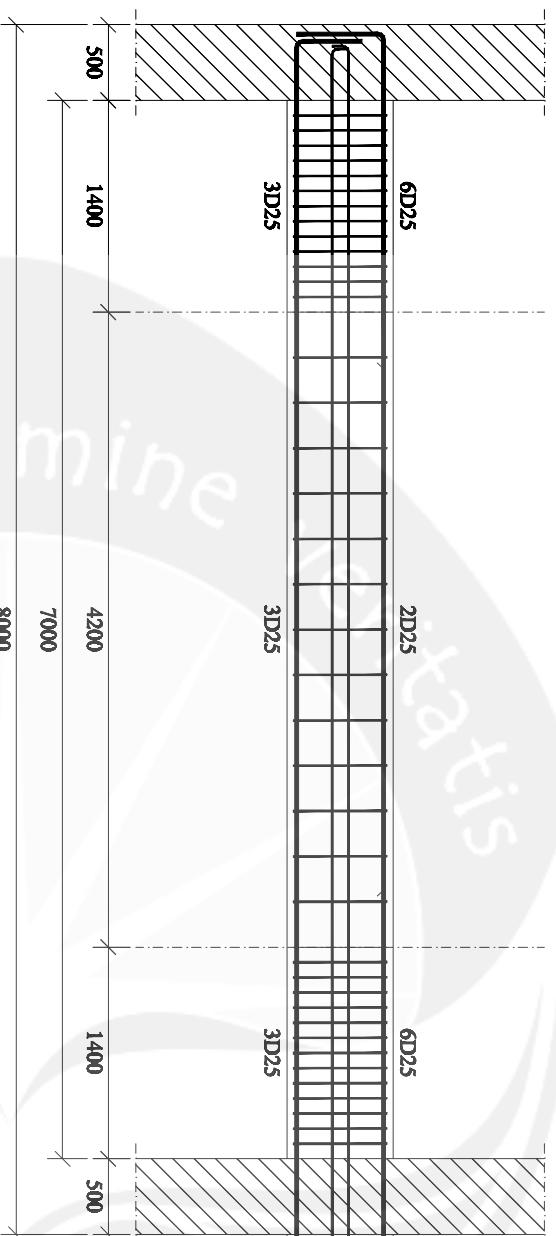
		PENULANGAN BALOK B1	
		Tumpuan	Lapangan
Dimensi		400 x 700 mm ²	
Tulangan Atas	5D25	2D25	
Tulangan Tengah	4D13	4D13	
Tulangan Bawah	4D25	2D25	
Sengkang	Ø12-100	Ø12-300	

Potongan
Skala 1:30



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II, Sekeloa Selatan 4, Yogyakarta

Judul Tugas Akhir	Peminatan Studi	Ditanyakan Oleh	Diperiksa Oleh	Judul Gambar	Skala
Perencanaan Struktur Gedung Apartemen 26 Lantai Berdasarkan SNI 1726-2012 dan SNI 2847-2013	STRUKTUR	Yohan Asyraf NPM.110214107	Prof. Ir. Yoyong Arifadi, M.Engg., Ph.D Dosen Pembimbing	Detail Balok B1	1:60 1:30



Penulangan Memanjang
Skala 1:60

		PENTU LANGAN BALOK B31	
		Tumpuan	Lapangan
Dinamasi	400 x 700 mm ²		
Tulangan Atas	6D25	2D25	
Tulangan Tengah	4D13	4D13	
Tulangan Bawah	3D25	3D25	
Sengkang	Ø12-100	Ø12-200	

Potongan
Skala 1:30

Judul Tugas Akhir	Peminatan Studi	Dikembangkan Oleh	Diperiksa Oleh	Judul Gambar	Skala
Perencanaan Struktur Gedung Apartemen 26 Lantai Berdasarkan SNI 1726-2012 dan SNI 2847-2013	STRUKTUR	Yohan Asyraf NPM.110214107	Prof. Ir. Yoyong Arifadi, M.Engg., Ph.D Dosen Pembimbing	Detail Balok B31	1:60 1:30



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Jl. Sekeloa No. 4 Yogyakarta

Perencanaan Struktur Gedung Apartemen 26 Lantai Berdasarkan
SNI 1726-2012 dan SNI 2847-2013

STRUKTUR

Yohan Asyuro
NPM. 110214107

Prof. Ir. Yoyong Arhadi, M.Eng., Ph.D
Dosen Pembimbing

Denah Rencana Pelat

1:250

Judul Tugas Akhir

Perencanaan Struktur

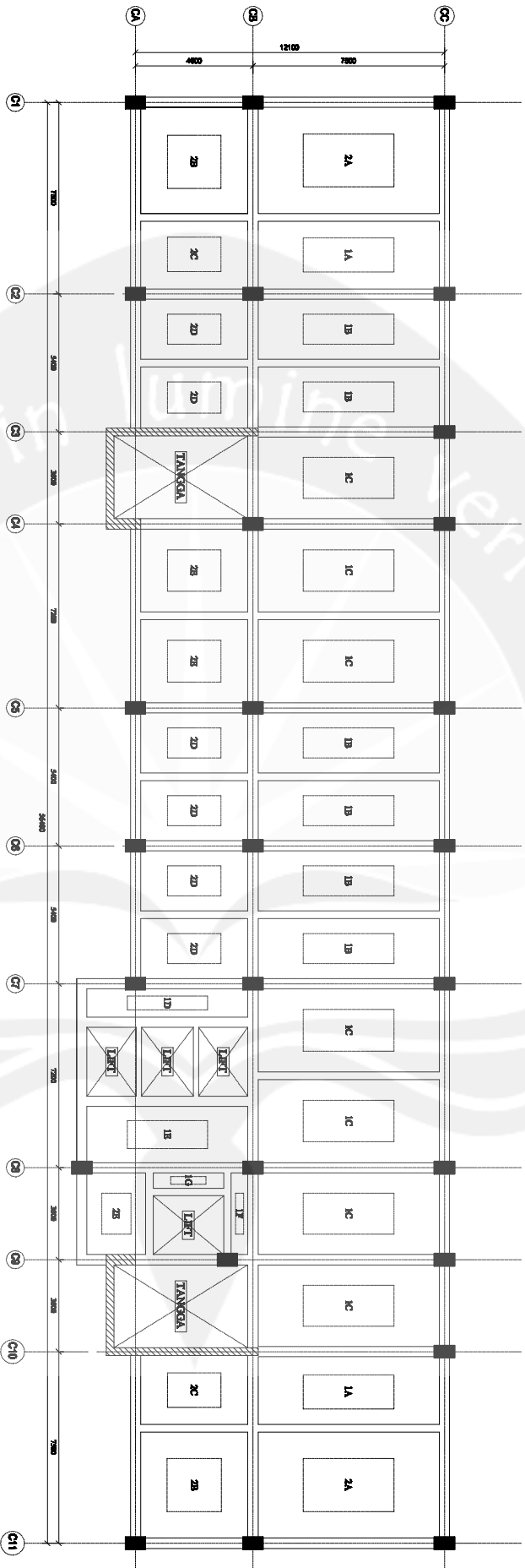
Ditanyakan Oleh

Diperikan Oleh

Judul Gambar

Skala

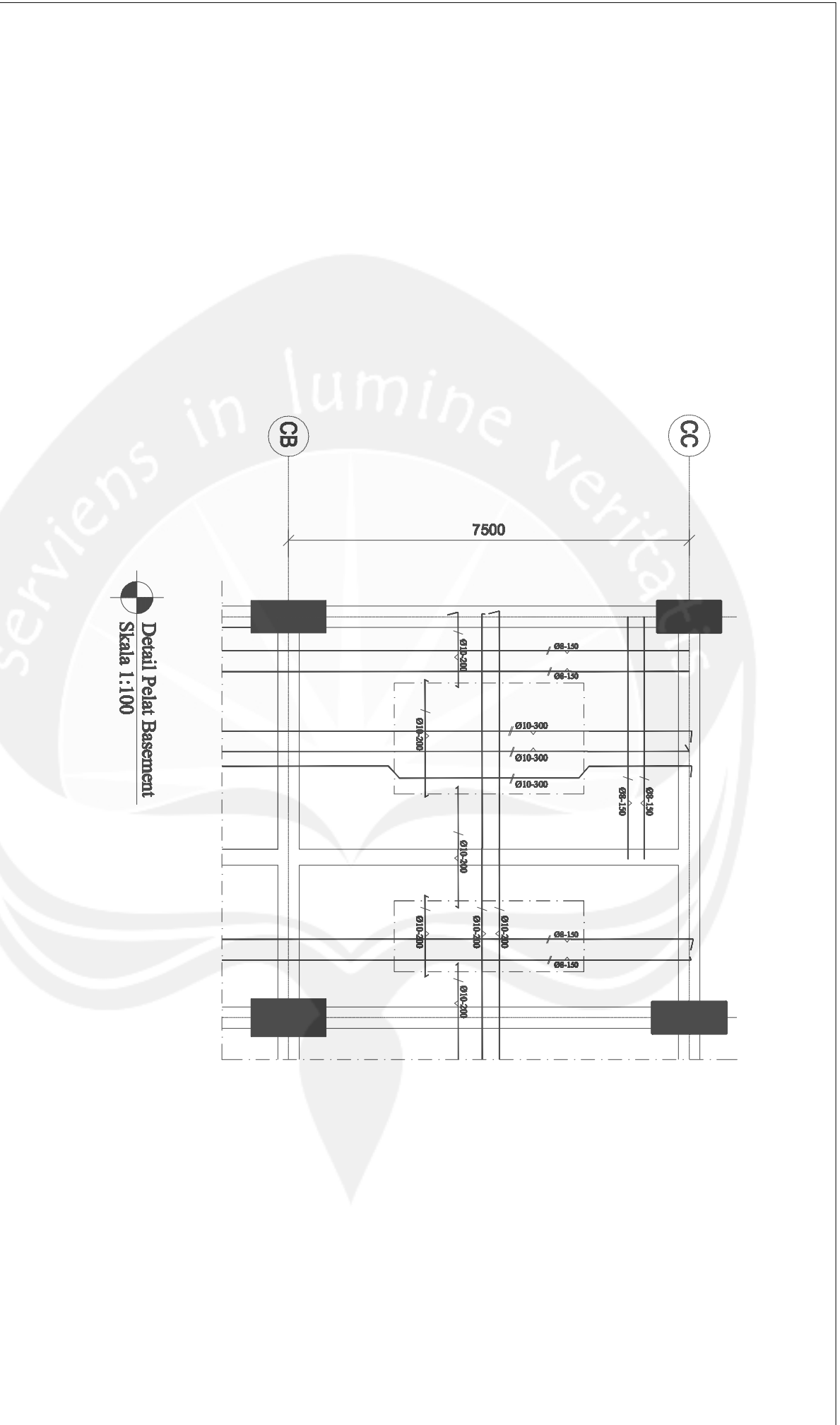
Denah Rencana Pelat
Skala 1:250





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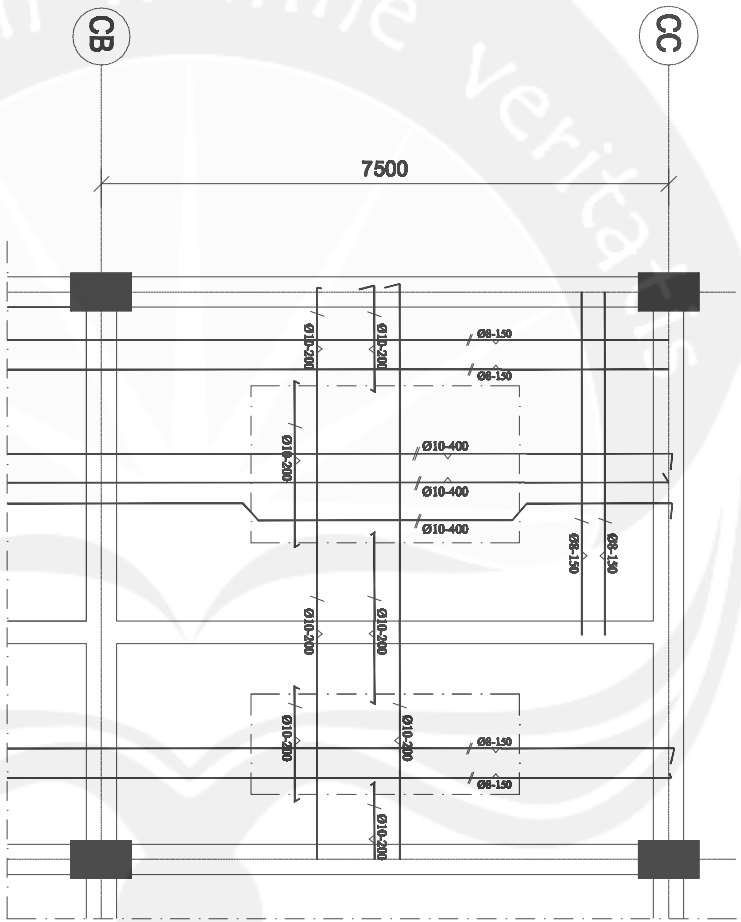
Judul Tugas Akhir	Perencanaan Struktur	Dikembangkan Oleh	Diperiksa Oleh	Judul Gambar	Skala
Perencanaan Struktur Gedung Apartemen 26 Lantai Berdasarkan SNI 1726-2012 dan SNI 2847-2013	STRUKTUR	Yohan Asyendo NPM.110214107	Prof. Ir. Yoyong Ardiadi, M.Engg., Ph.D Dosen Pembimbing	Perencanaan Pelat Basement	1:100





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Judul Tugas Akhir	Peminatan Studi	Dikembangkan Oleh	Diperiksa Oleh	Judul Gambar	Skala
Perencanaan Struktur Gedung Apartemen 26 Lantai Berdasarkan SNI 1726-2012 dan SNI 2847-2013	STRUKTUR	Yohanes Azyanto NPM.110214107	Prof. Ir. Yoyong Ardiadi, M.Engg., Ph.D Dosen Pembimbing	Perencanaan Pelat Lantai dan Pelat Atap	1:100

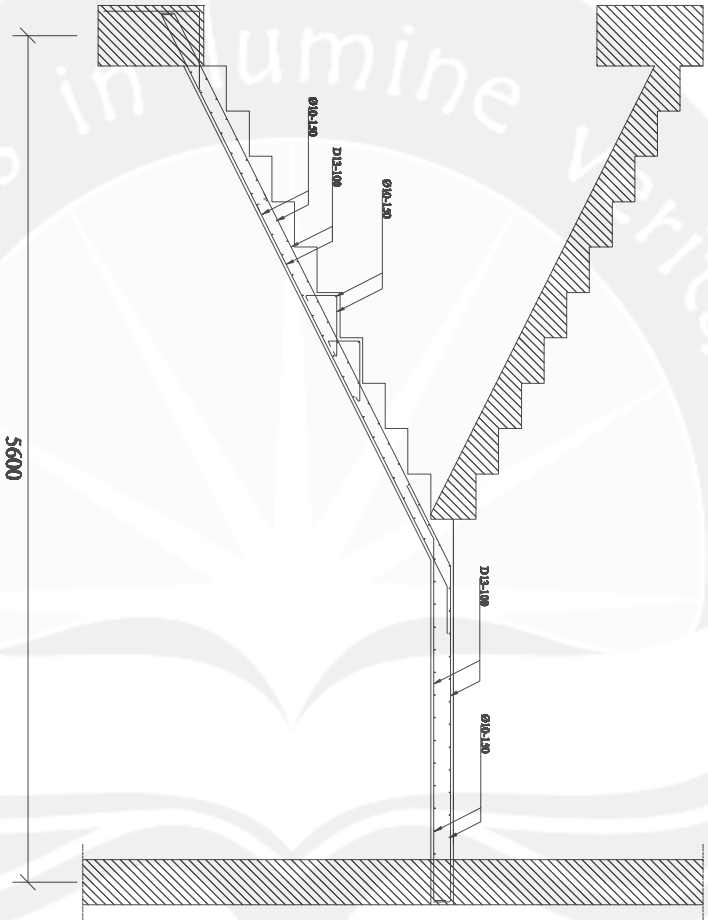


Detail Pelat Lantai dan Pelat Atap
Skala 1:100



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Detail fondasi
 Skala 1:50



Judul Tugas Akhir	Peminatan Studi	Dibacakan Oleh	Diperiksa Oleh	Judul Gambar	Skala
Perencanaan Struktur Gedung Apartemen 26 Lantai Berdasarkan SNI 1726-2012 dan SNI 2847-2013	STRUKTUR	Yohan Asyendo NPM.110214107	Prof. Ir. Yoyong Arhadi, M.Eng., Ph.D. Dosen Pembimbing	Detail Tiangga	1:50