

* 0 --- Minimum reinforcement
 * Astv --- Reinforcement area of stirrups by torsion and shear(mm²)
 * Ast1 --- Single reinforcement area of stirrups for torsion(mm²)
 * Sb --- Distance of stirrups in beam

The Coefficients of Internal Force

No.	E-X	E-Y	W-X	W-Y	V-D	V-L	V-E
1	0.000	0.000	0.000	0.000	1.200	1.400	0.000
2	0.000	0.000	0.000	0.000	1.000	1.400	0.000
3	0.000	0.000	1.400	0.000	1.200	0.000	0.000
4	0.000	0.000	-1.400	0.000	1.200	0.000	0.000
5	0.000	0.000	0.000	1.400	1.200	0.000	0.000
6	0.000	0.000	0.000	-1.400	1.200	0.000	0.000
7	0.000	0.000	1.400	0.000	1.000	0.000	0.000
8	0.000	0.000	-1.400	0.000	1.000	0.000	0.000
9	0.000	0.000	0.000	1.400	1.000	0.000	0.000
10	0.000	0.000	0.000	-1.400	1.000	0.000	0.000
11	0.000	0.000	1.190	0.000	1.200	1.190	0.000
12	0.000	0.000	-1.190	0.000	1.200	1.190	0.000
13	0.000	0.000	0.000	1.190	1.200	1.190	0.000
14	0.000	0.000	0.000	-1.190	1.200	1.190	0.000
15	0.000	0.000	1.190	0.000	1.000	1.190	0.000
16	0.000	0.000	-1.190	0.000	1.000	1.190	0.000
17	0.000	0.000	0.000	1.190	1.000	1.190	0.000
18	0.000	0.000	0.000	-1.190	1.000	1.190	0.000
19	1.300	0.000	0.000	0.000	1.200	0.600	0.000
20	-1.300	0.000	0.000	0.000	1.200	0.600	0.000
21	0.000	1.300	0.000	0.000	1.200	0.600	0.000
22	0.000	-1.300	0.000	0.000	1.200	0.600	0.000
23	1.300	0.000	0.000	0.000	1.000	0.500	0.000
24	-1.300	0.000	0.000	0.000	1.000	0.500	0.000
25	0.000	1.300	0.000	0.000	1.000	0.500	0.000
26	0.000	-1.300	0.000	0.000	1.000	0.500	0.000

No. of Floor = 2

N-C= 1 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (20) Uc = N/Ac/fc = 0.08 N = -202.
 (22) Mx = -171. Ncx = -201.
 (1) My = 12. Ncy = -198.
 Ascx(22)= 747. Ascyl(1)= 350. Rsc= 1.10 Asvc(0)= 118.1 Rsvc= 0.60
 3D18 2D18 5D 6

N-C= 2 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (22) Uc = N/Ac/fc = 0.11 N = -284.
 (22) Mx = -200. Ncx = -284.
 (1) My = 5. Ncy = -292.
 Ascx(22)= 819. Ascyl(1)= 350. Rsc= 1.17 Asvc(0)= 118.1 Rsvc= 0.60
 4D18 2D18 5D 6

N-C= 3 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (22) Uc = N/Ac/fc = 0.09 N = -237.
 (22) Mx = -159. Ncx = -237.
 (1) My = 1. Ncy = -244.
 Ascx(22)= 637. Ascyl(1)= 350. Rsc= 0.99 Asvc(0)= 118.1 Rsvc= 0.60
 -63-

3D18	2D18	5D 6

N-C= 4 (1) B*H(mm)= 400* 500	Lc= 3.30(m)	
(22) Uc = N/Ac/fc = 0.09	N = -235.	
(22) Mx = -158.	Ncx = -235.	
(1) My = 2.	Ncy = -242.	
AscX(22)= 635.	AscY(1)= 350.	Rsc= 0.99 Asvc(0)= 118.1 Rsvc= 0.60
3D18	2D18	5D 6

N-C= 5 (1) B*H(mm)= 400* 500	Lc= 3.30(m)	
(22) Uc = N/Ac/fc = 0.09	N = -236.	
(22) Mx = -158.	Ncx = -236.	
(1) My = 2.	Ncy = -242.	
AscX(22)= 636.	AscY(1)= 350.	Rsc= 0.99 Asvc(0)= 118.1 Rsvc= 0.60
3D18	2D18	5D 6

N-C= 6 (1) B*H(mm)= 400* 500	Lc= 3.30(m)	
(22) Uc = N/Ac/fc = 0.09	N = -235.	
(22) Mx = -159.	Ncx = -235.	
(1) My = 1.	Ncy = -241.	
AscX(22)= 639.	AscY(1)= 350.	Rsc= 0.99 Asvc(0)= 118.1 Rsvc= 0.60
3D18	2D18	5D 6

N-C= 7 (1) B*H(mm)= 400* 500	Lc= 3.30(m)	
(22) Uc = N/Ac/fc = 0.10	N = -242.	
(22) Mx = -158.	Ncx = -242.	
(1) My = 5.	Ncy = -249.	
AscX(22)= 625.	AscY(1)= 350.	Rsc= 0.97 Asvc(0)= 118.1 Rsvc= 0.60
3D18	2D18	5D 6

N-C= 8 (1) B*H(mm)= 400* 500	Lc= 3.30(m)	
(19) Uc = N/Ac/fc = 0.06	N = -159.	
(22) Mx = -133.	Ncx = -158.	
(1) My = -24.	Ncy = -154.	
AscX(22)= 580.	AscY(1)= 350.	Rsc= 0.93 Asvc(0)= 118.1 Rsvc= 0.60
3D18	2D18	5D 6

N-C= 9 (1) B*H(mm)= 400* 500	Lc= 3.30(m)	
(20) Uc = N/Ac/fc = 0.08	N = -194.	
(21) Mx = 151.	Ncx = -190.	
(1) My = 36.	Ncy = -198.	
AscX(21)= 647.	AscY(1)= 350.	Rsc= 1.00 Asvc(0)= 118.1 Rsvc= 0.60
3D18	2D18	5D 6

N-C= 10 (1) B*H(mm)= 400* 500	Lc= 3.30(m)	
(21) Uc = N/Ac/fc = 0.11	N = -275.	
(21) Mx = 179.	Ncx = -275.	
(1) My = -2.	Ncy = -298.	
AscX(21)= 707.	AscY(1)= 350.	Rsc= 1.06 Asvc(0)= 118.1 Rsvc= 0.60
3D18	2D18	5D 6

N-C= 11 (1) B*H(mm)= 400* 500	Lc= 3.30(m)	
(21) Uc = N/Ac/fc = 0.11	N = -264.	
(21) Mx = 165.	Ncx = -264.	
(1) My = 1.	Ncy = -287.	
AscX(21)= 641.	AscY(1)= 350.	Rsc= 0.99 Asvc(0)= 118.1 Rsvc= 0.60
3D18	2D18	5D 6

N-C= 12 (1) B*H(mm)= 400* 500	Lc= 3.30(m)	
(21) Uc = N/Ac/fc = 0.11	N = -264.	
(21) Mx = 163.	Ncx = -264.	
(1) My = 1.	Ncy = -287.	
AscX(21)= 633.	AscY(1)= 350.	Rsc= 0.98 Asvc(0)= 118.1 Rsvc= 0.60
3D18	2D18	5D 6

N-C= 13 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (21) Uc = N/Ac/fc = 0.11 N = -264.
 (21) Mx = 162. Ncx = -264.
 (1) My = 1. Ncy = -287.
 AscX(21)= 628. AscY(1)= 350. Rsc= 0.98 Asvc(0)= 118.1 Rsvc= 0.60
 3D18 2D18 5D 6

N-C= 14 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (21) Uc = N/Ac/fc = 0.11 N = -263.
 (21) Mx = 162. Ncx = -263.
 (1) My = 0. Ncy = -287.
 AscX(21)= 624. AscY(1)= 350. Rsc= 0.97 Asvc(0)= 118.1 Rsvc= 0.60
 3D18 2D18 5D 6

N-C= 15 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (21) Uc = N/Ac/fc = 0.11 N = -268.
 (21) Mx = 160. Ncx = -268.
 (1) My = 4. Ncy = -292.
 AscX(21)= 612. AscY(1)= 350. Rsc= 0.96 Asvc(0)= 118.1 Rsvc= 0.60
 3D18 2D18 5D 6

N-C= 16 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (19) Uc = N/Ac/fc = 0.07 N = -187.
 (21) Mx = 134. Ncx = -183.
 (1) My = -40. Ncy = -192.
 AscX(21)= 553. AscY(1)= 350. Rsc= 0.90 Asvc(0)= 118.1 Rsvc= 0.60
 3D18 2D18 5D 6

N-C= 17 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (20) Uc = N/Ac/fc = 0.07 N = -187.
 (22) Mx = -133. Ncx = -183.
 (1) My = 37. Ncy = -192.
 AscX(22)= 553. AscY(1)= 350. Rsc= 0.90 Asvc(0)= 118.1 Rsvc= 0.60
 3D18 2D18 5D 6

N-C= 18 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (22) Uc = N/Ac/fc = 0.11 N = -267.
 (22) Mx = -160. Ncx = -267.
 (1) My = -4. Ncy = -291.
 AscX(22)= 610. AscY(1)= 350. Rsc= 0.96 Asvc(0)= 118.1 Rsvc= 0.60
 3D18 2D18 5D 6

N-C= 19 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (22) Uc = N/Ac/fc = 0.11 N = -263.
 (22) Mx = -160. Ncx = -263.
 (1) My = 1. Ncy = -287.
 AscX(22)= 616. AscY(1)= 350. Rsc= 0.97 Asvc(0)= 118.1 Rsvc= 0.60
 3D18 2D18 5D 6

N-C= 20 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (22) Uc = N/Ac/fc = 0.11 N = -264.
 (22) Mx = -160. Ncx = -264.
 (1) My = 0. Ncy = -287.
 AscX(22)= 616. AscY(1)= 350. Rsc= 0.97 Asvc(0)= 118.1 Rsvc= 0.60
 3D18 2D18 5D 6

N-C= 21 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (22) Uc = N/Ac/fc = 0.11 N = -264.
 (22) Mx = -161. Ncx = -264.
 (1) My = 0. Ncy = -287.
 AscX(22)= 618. AscY(1)= 350. Rsc= 0.97 Asvc(0)= 118.1 Rsvc= 0.60
 3D18 2D18 5D 6

N-C= 22 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 -65-

(22) $U_c = N/A_c/f_c = 0.11$ $N = -263.$
 (22) $M_x = -161.$ $N_{cx} = -263.$
 (1) $M_y = 0.$ $N_{cy} = -287.$
 Asc_x(22)= 620. Asc_y(1)= 350. Rsc= 0.97 Asvc(0)= 118.1 Rsvc= 0.60
 3D18 2D18 5D 6

N-C= 23 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (22) $U_c = N/A_c/f_c = 0.11$ $N = -268.$
 (22) $M_x = -161.$ $N_{cx} = -268.$
 (1) $M_y = 3.$ $N_{cy} = -292.$
 Asc_x(22)= 614. Asc_y(1)= 350. Rsc= 0.96 Asvc(0)= 118.1 Rsvc= 0.60
 3D18 2D18 5D 6

N-C= 24 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (19) $U_c = N/A_c/f_c = 0.08$ $N = -188.$
 (22) $M_x = -135.$ $N_{cx} = -183.$
 (1) $M_y = -40.$ $N_{cy} = -192.$
 Asc_x(22)= 562. Asc_y(1)= 350. Rsc= 0.91 Asvc(0)= 118.1 Rsvc= 0.60
 3D18 2D18 5D 6

N-C= 25 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (20) $U_c = N/A_c/f_c = 0.06$ $N = -161.$
 (21) $M_x = 137.$ $N_{cx} = -160.$
 (1) $M_y = 23.$ $N_{cy} = -156.$
 Asc_x(21)= 598. Asc_y(1)= 350. Rsc= 0.95 Asvc(0)= 118.1 Rsvc= 0.60
 3D18 2D18 5D 6

N-C= 26 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (21) $U_c = N/A_c/f_c = 0.10$ $N = -243.$
 (21) $M_x = 161.$ $N_{cx} = -243.$
 (1) $M_y = -4.$ $N_{cy} = -249.$
 Asc_x(21)= 641. Asc_y(1)= 350. Rsc= 0.99 Asvc(0)= 118.1 Rsvc= 0.60
 3D18 2D18 5D 6

N-C= 27 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (21) $U_c = N/A_c/f_c = 0.09$ $N = -235.$
 (21) $M_x = 161.$ $N_{cx} = -235.$
 (1) $M_y = -1.$ $N_{cy} = -242.$
 Asc_x(21)= 653. Asc_y(1)= 350. Rsc= 1.00 Asvc(0)= 118.1 Rsvc= 0.60
 3D18 2D18 5D 6

N-C= 28 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (21) $U_c = N/A_c/f_c = 0.09$ $N = -236.$
 (21) $M_x = 161.$ $N_{cx} = -236.$
 (1) $M_y = -1.$ $N_{cy} = -243.$
 Asc_x(21)= 648. Asc_y(1)= 350. Rsc= 1.00 Asvc(0)= 118.1 Rsvc= 0.60
 3D18 2D18 5D 6

N-C= 29 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (21) $U_c = N/A_c/f_c = 0.09$ $N = -236.$
 (21) $M_x = 160.$ $N_{cx} = -236.$
 (1) $M_y = 0.$ $N_{cy} = -243.$
 Asc_x(21)= 644. Asc_y(1)= 350. Rsc= 0.99 Asvc(0)= 118.1 Rsvc= 0.60
 3D18 2D18 5D 6

N-C= 30 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (21) $U_c = N/A_c/f_c = 0.09$ $N = -235.$
 (21) $M_x = 159.$ $N_{cx} = -235.$
 (1) $M_y = -1.$ $N_{cy} = -241.$
 Asc_x(21)= 642. Asc_y(1)= 350. Rsc= 0.99 Asvc(0)= 118.1 Rsvc= 0.60
 3D18 2D18 5D 6

N-C= 31 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (21) $U_c = N/A_c/f_c = 0.10$ $N = -242.$
 -66-

(21) Mx = 157. Ncx = -242.
 (1) My = 2. Ncy = -249.
 Ascx(21)= 623. Ascyl(1)= 350. Rsc= 0.97 Asvc(0)= 118.1 Rsvc= 0.60
 3D18 2D18 5D 6

N-C= 32 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (19) Uc = N/Ac/fc = 0.06 N = -159.
 (21) Mx = 132. Ncx = -158.
 (1) My = -25. Ncy = -154.
 Ascx(21)= 571. Ascyl(1)= 350. Rsc= 0.92 Asvc(0)= 118.1 Rsvc= 0.60
 3D18 2D18 5D 6

N-B= 1 (1)B*H(mm)= 250* 600 Lb= 4.80(m)
 +M= -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 24. 40. 29. 26. 8. -M= -52. -10. 0. -12. -62.
 (49) (45) (45) (46) (50) (72) (24) (1) (23) (19)
 As= 450. 375. 375. 375. 450. As= 450. 375. 375. 375. 450.
 (0) (0) (0) (0) (0) (0) (0) (0) (0) (0)
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.30 0.25 0.25 0.25 0.30
 V(19)= 56. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(53)= 0.5 & 40. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 2 (1)B*H(mm)= 250* 600 Lb= 4.80(m)
 +M= -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 3. 34. 43. 32. 1. -M= -64. -6. 0. -8. -68.
 (49) (45) (27) (46) (50) (20) (24) (1) (23) (19)
 As= 450. 375. 375. 375. 450. As= 450. 375. 375. 375. 450.
 (0) (0) (0) (0) (0) (0) (0) (0) (0) (0)
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.30 0.25 0.25 0.25 0.30
 V(19)= 65. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(53)= -0.7 & 53. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 3 (1)B*H(mm)= 250* 600 Lb= 4.80(m)
 +M= -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 0. 32. 41. 33. 2. -M= -68. -8. 0. -8. -67.
 (49) (45) (27) (46) (50) (20) (24) (1) (23) (19)
 As= 450. 375. 375. 375. 450. As= 450. 375. 375. 375. 450.
 (0) (0) (0) (0) (0) (0) (0) (0) (0) (0)
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.30 0.25 0.25 0.25 0.30
 V(20)= 65. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(73)= 0.0 & 52. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 4 (1)B*H(mm)= 250* 600 Lb= 4.80(m)
 +M= -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 1. 32. 42. 33. 2. -M= -88. -8. 0. -8. -67.
 (49) (45) (27) (46) (50) (20) (24) (1) (23) (19)
 As= 450. 375. 375. 375. 450. As= 450. 375. 375. 375. 450.
 (0) (0) (0) (0) (0) (0) (0) (0) (0) (0)
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.30 0.25 0.25 0.25 0.30
 V(20)= 65. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(73)= 0.0 & 51. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 5 (1)B*H(mm)= 250* 600 Lb= 4.80(m)
 +M= -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 1. 32. 42. 33. 2. -M= -88. -8. 0. -7. -66.
 (49) (45) (27) (46) (50) (20) (24) (1) (23) (19)

As= 450. 375. 375. 375. 450. As= 450. 375. 375. 375. 450.
 (0) (0) (0) (0) (0) (0) (0) (0) (0) (0)
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.30 0.25 0.25 0.25 0.30
 V(20)= 65. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(73)= 0.0 & 51. Ast(0)= 0. 0D 0
 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 6 (1)B*H(mm)= 250* 600 Lb= 4.80(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 2. 32. 40. 30. 0. -M= -67. -8. 0. -9. -70.
 (49) (45) (27) (46) (1) (20) (24) (1) (23) (19)
 As= 450. 375. 375. 375. 450. As= 450. 375. 375. 375. 450.
 (0) (0) (0) (0) (0) (0) (0) (0) (0) (0)
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.30 0.25 0.25 0.25 0.30
 V(19)= 65. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(73)= 0.0 & 51. Ast(0)= 0. 0D 0
 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 7 (1)B*H(mm)= 250* 600 Lb= 4.80(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 0. 33. 50. 53. 23. -M= -75. -7. 0. 0. -54.
 (1) (45) (27) (46) (50) (20) (24) (1) (1) (71)
 As= 450. 375. 375. 375. 450. As= 450. 375. 375. 375. 450.
 (0) (0) (0) (0) (0) (0) (0) (0) (0) (0)
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.30 0.25 0.25 0.25 0.30
 V(20)= 73. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(53)= -0.4 & 58. Ast(0)= 0. 0D 0
 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 8 (1)B*H(mm)= 300* 600 Lb= 6.90(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 0. 138. 150. 79. 0. -M= -142. 0. 0. 0. -132.
 (1) (47) (27) (48) (1) (74) (1) (1) (1) (73)
 As= 540. 711. 914. 450. 540. As= 635. 450. 450. 450. 587.
 (0) (39) (27) (0) (0) (74) (0) (0) (0) (73)
 3D18 3D18 4D18 2D18 3D18 3D18 2D18 2D18 2D18 3D18
 Rs= 0.30 0.40 0.51 0.25 0.30 Rs= 0.35 0.25 0.25 0.25 0.33
 V(22)= 156. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(71)= -0.9 & 142. Ast(0)= 0. 0D 0
 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 9 (1)B*H(mm)= 300* 600 Lb= 6.90(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 0. 161. 208. 100. 0. -M= -173. 0. 0. 0. -158.
 (1) (47) (27) (48) (1) (74) (1) (1) (1) (21)
 As= 540. 885. 1303. 563. 540. As= 865. 450. 450. 450. 769.
 (0) (39) (27) (1) (0) (66) (0) (0) (0) (13)
 3D18 4D18 6D18 3D18 3D18 4D18 2D18 2D18 2D18 4D18
 Rs= 0.30 0.49 0.72 0.31 0.30 Rs= 0.48 0.25 0.25 0.25 0.43
 V(22)= 187. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(72)= 0.6 & 173. Ast(0)= 0. 0D 0
 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 10 (1)B*H(mm)= 300* 600 Lb= 6.90(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 0. 112. 179. 105. 0. -M= -139. 0. 0. 0. -145.
 (1) (47) (27) (48) (1) (74) (1) (1) (1) (21)
 As= 540. 561. 1104. 528. 540. As= 642. 450. 450. 450. 688.
 (0) (39) (27) (40) (0) (66) (0) (0) (0) (13)
 3D18 3D18 5D18 3D18 3D18 3D18 2D18 2D18 2D18 3D18
 Rs= 0.30 0.31 0.61 0.29 0.30 Rs= 0.36 0.25 0.25 0.25 0.38

V(21)= 127. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(71)= -0.4 & 113. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Ast1 = 0. OD 0

N-B= 11 (1)B*H(mm)= 300* 600 Lb= 6.90(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 111. 179. 105. 0. -M= -139. 0. 0. 0. -144.
 (1) (47) (27) (48) (1) (74) (1) (1) (1) (21)
 As= 540. 557. 1103. 529. 540. As= 648. 450. 450. 450. 685.
 (0) (39) (27) (40) (0) (66) (0) (0) (0) (13)
 3D18 3D18 5D18 3D18 3D18 3D18 2D18 2D18 2D18 3D18
 Rs= 0.30 0.31 0.61 0.29 0.30 Rs= 0.36 0.25 0.25 0.25 0.38
 V(21)= 127. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(72)= 0.4 & 112. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Ast1 = 0. OD 0

N-B= 12 (1)B*H(mm)= 300* 600 Lb= 6.90(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 111. 179. 105. 0. -M= -140. 0. 0. 0. -144.
 (1) (47) (27) (48) (1) (74) (1) (1) (1) (21)
 As= 540. 555. 1102. 530. 540. As= 651. 450. 450. 450. 683.
 (0) (39) (27) (40) (0) (66) (0) (0) (0) (13)
 3D18 3D18 5D18 3D18 3D18 3D18 2D18 2D18 2D18 3D18
 Rs= 0.30 0.31 0.61 0.29 0.30 Rs= 0.36 0.25 0.25 0.25 0.38
 V(21)= 127. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(71)= -0.4 & 112. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Ast1 = 0. OD 0

N-B= 13 (1)B*H(mm)= 300* 600 Lb= 6.90(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 110. 179. 105. 0. -M= -140. 0. 0. 0. -143.
 (1) (47) (27) (48) (1) (74) (1) (1) (1) (21)
 As= 540. 554. 1102. 532. 540. As= 654. 450. 450. 450. 681.
 (0) (39) (27) (40) (0) (66) (0) (0) (0) (13)
 3D18 3D18 5D18 3D18 3D18 3D18 2D18 2D18 2D18 3D18
 Rs= 0.30 0.31 0.61 0.30 0.30 Rs= 0.36 0.25 0.25 0.25 0.38
 V(21)= 127. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(19)= -0.4 & 113. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Ast1 = 0. OD 0

N-B= 14 (1)B*H(mm)= 300* 600 Lb= 6.90(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 110. 178. 105. 0. -M= -140. 0. 0. 0. -143.
 (1) (47) (27) (48) (1) (74) (1) (1) (1) (21)
 As= 540. 549. 1099. 531. 540. As= 659. 450. 450. 450. 679.
 (0) (39) (27) (40) (0) (66) (0) (0) (0) (13)
 3D18 3D18 5D18 3D18 3D18 3D18 2D18 2D18 2D18 3D18
 Rs= 0.30 0.31 0.61 0.30 0.30 Rs= 0.37 0.25 0.25 0.25 0.38
 V(21)= 126. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(71)= -0.4 & 112. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Ast1 = 0. OD 0

N-B= 15 (1)B*H(mm)= 300* 600 Lb= 6.90(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 90. 125. 85. 0. -M= -114. 0. 0. 0. -117.
 (1) (47) (27) (48) (1) (74) (1) (1) (1) (21)
 As= 540. 450. 752. 450. 540. As= 540. 450. 450. 450. 540.
 (0) (0) (27) (0) (0) (0) (0) (0) (0) (0)
 3D18 2D18 3D18 2D18 3D18 3D18 2D18 2D18 2D18 3D18
 Rs= 0.30 0.25 0.42 0.25 0.30 Rs= 0.30 0.25 0.25 0.25 0.30
 V(21)= 102. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(72)= 0.6 & 88. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Ast1 = 0. OD 0

N-B= 16 (1)B*H(mm)= 300* 300 Lb= 3.30(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 0. 9. 13. 9. 0. -M= -33. -10. 0. -10. -31.
 (1) (1) (1) (1) (1) (22) (22) (1) (21) (21)
 As= 270. 225. 225. 225. 270. As= 312. 225. 225. 225. 300.
 (0) (0) (0) (0) (0) (22) (0) (0) (0) (21)
 2D18 1D18 1D18 1D18 2D18 2D18 1D18 1D18 1D18 2D18
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.35 0.25 0.25 0.25 0.33
 V(22)= 36. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(21)= 0.0 & 35. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 17 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 1. 40. 56. 31. 0. -M= -57. 0. 0. -3. -70.
 (49) (45) (27) (1) (1) (72) (1) (1) (23) (19)
 As= 337. 281. 457. 281. 337. As= 344. 281. 281. 281. 435.
 (0) (0) (27) (0) (0) (72) (0) (0) (0) (11)
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18
 Rs= 0.30 0.25 0.41 0.25 0.30 Rs= 0.31 0.25 0.25 0.25 0.39
 V(19)= 69. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(53)= -0.3 & 62. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 18 (1)B*H(mm)= 300* 300 Lb= 3.30(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 0. 11. 15. 11. 0. -M= -37. -13. 0. -12. -35.
 (1) (1) (1) (1) (1) (22) (22) (1) (21) (21)
 As= 270. 225. 225. 225. 270. As= 364. 225. 225. 225. 341.
 (0) (0) (0) (0) (0) (14) (0) (0) (0) (13)
 2D18 1D18 1D18 1D18 2D18 2D18 1D18 1D18 1D18 2D18
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.40 0.25 0.25 0.25 0.38
 V(22)= 37. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(54)= 0.0 & 26. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 19 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 0. 31. 51. 31. 0. -M= -68. -4. 0. -3. -66.
 (1) (1) (27) (1) (1) (20) (24) (1) (23) (19)
 As= 337. 281. 417. 281. 337. As= 419. 281. 281. 281. 403.
 (0) (0) (27) (0) (0) (12) (0) (0) (0) (11)
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18
 Rs= 0.30 0.25 0.37 0.25 0.30 Rs= 0.37 0.25 0.25 0.25 0.36
 V(20)= 66. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(22)= 0.1 & 56. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 20 (1)B*H(mm)= 300* 300 Lb= 3.30(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 0. 11. 15. 11. 0. -M= -35. -11. 0. -12. -36.
 (1) (1) (1) (1) (1) (22) (22) (1) (21) (21)
 As= 270. 225. 225. 225. 270. As= 343. 225. 225. 225. 351.
 (0) (0) (0) (0) (0) (14) (0) (0) (0) (13)
 2D18 1D18 1D18 1D18 2D18 2D18 1D18 1D18 1D18 2D18
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.38 0.25 0.25 0.25 0.39
 V(21)= 37. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(21)= 0.0 & 37. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 21 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 0. 31. 52. 31. 0. -M= -66. -3. 0. -3. -66.
 (1) (1) (27) (1) (1) (20) (24) (1) (23) (19)
 As= 337. 281. 422. 281. 337. As= 409. 281. 281. 281. 407.

	(0)	(0)	(27)	(0)	(0)	(12)	(0)	(0)	(0)	(11)
	2D18	2D18	2D18	2D18	2D18	2D18	2D18	2D18	2D18	2D18
Rs=	0.30	0.25	0.38	0.25	0.30	Rs=	0.36	0.25	0.25	0.25
V(20)=	66.	Asv(0)=	45.	2D 6	Rsv=	0.18				
T & V(73)=	0.0 &	55.	Ast(0)=	0.	OD 0	Astv =	0.	OD 0		
						Ast1 =	0.	OD 0		

N-B=	22 (1)	B*H(mm)= 300* 300				Lb=	3.30(m)				
	-1-	-1-	-2-	-3-	-J-		-1-	-1-	-2-	-3-	-J-
+M=	0.	11.	15.	11.	0.	-M=	-35.	-11.	0.	-12.	-36.
	(1)	(1)	(1)	(1)	(1)		(22)	(22)	(1)	(21)	(21)
As=	270.	225.	225.	225.	270.	As=	343.	225.	225.	225.	350.
	(0)	(0)	(0)	(0)	(0)		(14)	(0)	(0)	(0)	(13)
	2D18	1D18	1D18	1D18	2D18		2D18	1D18	1D18	1D18	2D18
Rs=	0.30	0.25	0.25	0.25	0.30	Rs=	0.38	0.25	0.25	0.25	0.39
V(21)=	37.	Asv(0)=	54.	2D 6	Rsv=	0.18					
T & V(73)=	0.0 &	36.	Ast(0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

N-B=	23 (1)	B*H(mm)= 250* 450				Lb=	4.80(m)				
	-1-	-1-	-2-	-3-	-J-		-1-	-1-	-2-	-3-	-J-
+M=	0.	31.	52.	31.	0.	-M=	-86.	-3.	0.	-3.	-66.
	(1)	(1)	(27)	(1)	(1)		(20)	(24)	(1)	(23)	(19)
As=	337.	281.	422.	281.	337.	As=	410.	281.	281.	281.	407.
	(0)	(0)	(27)	(0)	(0)		(12)	(0)	(0)	(0)	(11)
	2D18	2D18	2D18	2D18	2D18		2D18	2D18	2D18	2D18	2D18
Rs=	0.30	0.25	0.37	0.25	0.30	Rs=	0.36	0.25	0.25	0.25	0.36
V(20)=	66.	Asv(0)=	45.	2D 6	Rsv=	0.18					
T & V(73)=	0.0 &	55.	Ast(0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

N-B=	24 (1)	B*H(mm)= 300* 300				Lb=	3.30(m)				
	-1-	-1-	-2-	-3-	-J-		-1-	-1-	-2-	-3-	-J-
+M=	0.	11.	15.	11.	0.	-M=	-35.	-11.	0.	-12.	-36.
	(1)	(1)	(1)	(1)	(1)		(22)	(22)	(1)	(21)	(21)
As=	270.	225.	225.	225.	270.	As=	345.	225.	225.	225.	349.
	(0)	(0)	(0)	(0)	(0)		(14)	(0)	(0)	(0)	(13)
	2D18	1D18	1D18	1D18	2D18		2D18	1D18	1D18	1D18	2D18
Rs=	0.30	0.25	0.25	0.25	0.30	Rs=	0.38	0.25	0.25	0.25	0.39
V(21)=	37.	Asv(0)=	54.	2D 6	Rsv=	0.18					
T & V(73)=	0.0 &	36.	Ast(0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

N-B=	25 (1)	B*H(mm)= 250* 450				Lb=	4.80(m)				
	-1-	-1-	-2-	-3-	-J-		-1-	-1-	-2-	-3-	-J-
+M=	0.	31.	52.	31.	0.	-M=	-86.	-3.	0.	-2.	-66.
	(1)	(1)	(27)	(1)	(1)		(20)	(24)	(1)	(23)	(19)
As=	337.	281.	422.	281.	337.	As=	411.	281.	281.	281.	405.
	(0)	(0)	(27)	(0)	(0)		(12)	(0)	(0)	(0)	(11)
	2D18	2D18	2D18	2D18	2D18		2D18	2D18	2D18	2D18	2D18
Rs=	0.30	0.25	0.38	0.25	0.30	Rs=	0.36	0.25	0.25	0.25	0.36
V(20)=	66.	Asv(0)=	45.	2D 6	Rsv=	0.18					
T & V(73)=	0.0 &	55.	Ast(0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

N-B=	26 (1)	B*H(mm)= 300* 300				Lb=	3.30(m)				
	-1-	-1-	-2-	-3-	-J-		-1-	-1-	-2-	-3-	-J-
+M=	0.	11.	15.	11.	0.	-M=	-35.	-11.	0.	-12.	-35.
	(1)	(1)	(1)	(1)	(1)		(22)	(22)	(1)	(21)	(21)
As=	270.	225.	225.	225.	270.	As=	346.	225.	225.	225.	347.
	(0)	(0)	(0)	(0)	(0)		(14)	(0)	(0)	(0)	(13)
	2D18	1D18	1D18	1D18	2D18		2D18	1D18	1D18	1D18	2D18
Rs=	0.30	0.25	0.25	0.25	0.30	Rs=	0.38	0.25	0.25	0.25	0.39
V(21)=	37.	Asv(0)=	54.	2D 6	Rsv=	0.18					

T & V(73)= 0.0 & 36. Ast(0)= 0. OD 0 Astv = 0. OD 0
Ast1 = 0. OD 0

N-B= 27 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 31. 51. 31. 0. -M= -66. -3. 0. -4. -68.
 (1) (1) (27) (1) (1) (20) (24) (1) (23) (19)
 As= 337. 281. 416. 281. 337. As= 405. 281. 281. 281. 420.
 (0) (0) (27) (0) (0) (12) (0) (0) (0) (11)
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18
 Rs= 0.30 0.25 0.37 0.25 0.30 Rs= 0.36 0.25 0.25 0.25 0.37
 V(19)= 66. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(53)= 0.0 & 59. Ast(0)= 0. OD 0 Astv = 0. OD 0
Ast1 = 0. OD 0

N-B= 28 (1)B*H(mm)= 300* 300 Lb= 3.30(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 11. 15. 11. 0. -M= -35. -11. 0. -11. -35.
 (1) (1) (1) (1) (1) (22) (22) (1) (21) (21)
 As= 270. 225. 225. 225. 270. As= 346. 225. 225. 225. 345.
 (0) (0) (0) (0) (0) (14) (0) (0) (0) (13)
 2D18 1D18 1D18 1D18 2D18 2D18 1D18 1D18 1D18 2D18
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.38 0.25 0.25 0.25 0.38
 V(22)= 37. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(73)= 0.0 & 36. Ast(0)= 0. OD 0 Astv = 0. OD 0
Ast1 = 0. OD 0

N-B= 29 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 31. 57. 42. 3. -M= -71. -3. 0. 0. -55.
 (1) (1) (27) (46) (50) (20) (24) (1) (1) (71)
 As= 337. 281. 465. 281. 337. As= 445. 281. 281. 281. 337.
 (0) (0) (27) (0) (0) (12) (0) (0) (0) (0)
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18
 Rs= 0.30 0.25 0.41 0.25 0.30 Rs= 0.40 0.25 0.25 0.25 0.30
 V(20)= 70. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(53)= 0.3 & 64. Ast(0)= 0. OD 0 Astv = 0. OD 0
Ast1 = 0. OD 0

N-B= 30 (1)B*H(mm)= 300* 300 Lb= 3.30(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 9. 13. 9. 0. -M= -31. -9. 0. -9. -31.
 (1) (1) (1) (1) (1) (22) (22) (1) (21) (21)
 As= 270. 225. 225. 225. 270. As= 299. 225. 225. 225. 297.
 (0) (0) (0) (0) (0) (22) (0) (0) (0) (21)
 2D18 1D18 1D18 1D18 2D18 2D18 1D18 1D18 1D18 2D18
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.33 0.25 0.25 0.25 0.33
 V(22)= 35. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(21)= 0.0 & 35. Ast(0)= 0. OD 0 Astv = 0. OD 0
Ast1 = 0. OD 0

N-B= 31 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 2. 41. 57. 31. 0. -M= -57. 0. 0. -2. -71.
 (49) (45) (27) (1) (1) (72) (1) (1) (23) (19)
 As= 337. 281. 463. 281. 337. As= 343. 281. 281. 281. 439.
 (0) (0) (27) (0) (0) (72) (0) (0) (0) (11)
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18
 Rs= 0.30 0.25 0.41 0.25 0.30 Rs= 0.30 0.25 0.25 0.25 0.39
 V(19)= 70. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(53)= 0.3 & 63. Ast(0)= 0. OD 0 Astv = 0. OD 0
Ast1 = 0. OD 0

N-B= 32 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-

N-B= 33 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 31. 51. 31. 0. -M= -68. -4. 0. -3. -66.
 (1) (1) (27) (1) (1) (20) (24) (1) (23) (19)
 As= 337. 281. 416. 281. 337. As= 420. 281. 281. 281. 403.
 (0) (0) (27) (0) (0) (12) (0) (0) (0) (11)
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18
 Rs= 0.30 0.25 0.37 0.25 0.30 Rs= 0.37 0.25 0.25 0.25 0.36
 V(20)= 66. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(53)= 0.0 & 59. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Astl = 0. OD 0

N-B= 33 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 31. 52. 31. 0. -M= -66. -2. 0. -3. -66.
 (1) (1) (27) (1) (1) (20) (24) (1) (23) (19)
 As= 337. 281. 422. 281. 337. As= 407. 281. 281. 281. 409.
 (0) (0) (27) (0) (0) (12) (0) (0) (0) (11)
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18
 Rs= 0.30 0.25 0.38 0.25 0.30 Rs= 0.36 0.25 0.25 0.25 0.36
 V(19)= 66. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(21)= 0.0 & 56. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Astl = 0. OD 0

N-B= 34 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 31. 52. 31. 0. -M= -86. -3. 0. -3. -66.
 (1) (1) (27) (1) (1) (20) (24) (1) (23) (19)
 As= 337. 281. 421. 281. 337. As= 409. 281. 281. 281. 408.
 (0) (0) (27) (0) (0) (12) (0) (0) (0) (11)
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18
 Rs= 0.30 0.25 0.37 0.25 0.30 Rs= 0.36 0.25 0.25 0.25 0.36
 V(20)= 66. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(73)= 0.0 & 55. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Astl = 0. OD 0

N-B= 35 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 31. 52. 31. 0. -M= -86. -3. 0. -2. -66.
 (1) (1) (27) (1) (1) (20) (24) (1) (23) (19)
 As= 337. 281. 422. 281. 337. As= 410. 281. 281. 281. 406.
 (0) (0) (27) (0) (0) (12) (0) (0) (0) (11)
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18
 Rs= 0.30 0.25 0.38 0.25 0.30 Rs= 0.36 0.25 0.25 0.25 0.36
 V(20)= 66. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(73)= 0.0 & 55. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Astl = 0. OD 0

N-B= 36 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 31. 51. 31. 0. -M= -66. -3. 0. -4. -68.
 (1) (1) (27) (1) (1) (20) (24) (1) (23) (19)
 As= 337. 281. 416. 281. 337. As= 404. 281. 281. 281. 421.
 (0) (0) (27) (0) (0) (12) (0) (0) (0) (11)
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18
 Rs= 0.30 0.25 0.37 0.25 0.30 Rs= 0.36 0.25 0.25 0.25 0.37
 V(19)= 66. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(53)= 0.0 & 59. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Astl = 0. OD 0

N-B= 37 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 31. 57. 42. 3. -M= -71. -3. 0. 0. -55.
 (1) (1) (27) (46) (50) (20) (24) (1) (1) (71)
 As= 337. 281. 465. 281. 337. As= 444. 281. 281. 281. 337.
 (0) (0) (27) (0) (0) (12) (0) (0) (0) (0)
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18
 Rs= 0.30 0.25 0.37 0.25 0.30 Rs= 0.36 0.25 0.25 0.25 0.37
 V(19)= 66. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(53)= 0.0 & 59. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Astl = 0. OD 0

2D18	2D18	2D18	2D18	2D18	2D18	2D18	2D18	2D18	2D18	2D18
Rs= 0.30	0.25	0.41	0.25	0.30	Rs= 0.39	0.25	0.25	0.25	0.25	0.30
V(20)=	70.	Asv(0)=	45.	2D 6	Rsv= 0.18					
T & V(53)=	-0.3 &	63.	Ast(0)=	0.	0D 0	Astv =	0.	0D 0		
						Ast1 =	0.	0D 0		

N-B= 38 (1)B*H(mm)=	300*	600	Lb=	6.90(m)						
-I-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-	
+M=	0.	87.	126.	90.	0.	-M=	-117.	0.	0.	-117.
(1)	(47)	(27)	(48)	(1)	(22)	(1)	(1)	(1)	(73)	
As=	540.	450.	755.	450.	540.	As=	540.	450.	450.	450.
(0)	(0)	(27)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3D18	2D18	3D18	2D18	3D18	3D18	2D18	2D18	2D18	2D18	3D18
Rs=	0.30	0.25	0.42	0.25	0.30	Rs=	0.30	0.25	0.25	0.25
V(22)=	102.	Asv(0)=	54.	2D 6	Rsv= 0.18					
T & V(71)=	0.6 &	88.	Ast(0)=	0.	0D 0	Astv =	0.	0D 0		
						Ast1 =	0.	0D 0		

N-B= 39 (1)B*H(mm)=	300*	600	Lb=	6.90(m)						
-I-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-	
+M=	0.	107.	179.	110.	0.	-M=	-142.	0.	0.	-143.
(1)	(47)	(27)	(48)	(1)	(22)	(1)	(1)	(1)	(73)	
As=	540.	541.	1106.	546.	540.	As=	671.	450.	450.	450.
(0)	(39)	(27)	(40)	(0)	(14)	(0)	(0)	(0)	(65)	
3D18	3D18	5D18	3D18	3D18	3D18	2D18	2D18	2D18	2D18	3D18
Rs=	0.30	0.30	0.61	0.30	0.30	Rs=	0.37	0.25	0.25	0.25
V(22)=	126.	Asv(0)=	54.	2D 6	Rsv= 0.18					
T & V(20)=	-0.4 &	112.	Ast(0)=	0.	0D 0	Astv =	0.	0D 0		
						Ast1 =	0.	0D 0		

N-B= 40 (1)B*H(mm)=	300*	600	Lb=	6.90(m)						
-I-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-	
+M=	0.	106.	179.	110.	0.	-M=	-142.	0.	0.	-142.
(1)	(47)	(27)	(48)	(1)	(22)	(1)	(1)	(1)	(73)	
As=	540.	537.	1102.	548.	540.	As=	671.	450.	450.	450.
(0)	(39)	(27)	(40)	(0)	(14)	(0)	(0)	(0)	(65)	
3D18	3D18	5D18	3D18	3D18	3D18	2D18	2D18	2D18	2D18	3D18
Rs=	0.30	0.30	0.61	0.30	0.30	Rs=	0.37	0.25	0.25	0.25
V(22)=	126.	Asv(0)=	54.	2D 6	Rsv= 0.18					
T & V(72)=	-0.4 &	112.	Ast(0)=	0.	0D 0	Astv =	0.	0D 0		
						Ast1 =	0.	0D 0		

N-B= 41 (1)B*H(mm)=	300*	600	Lb=	6.90(m)						
-I-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-	
+M=	0.	106.	179.	110.	0.	-M=	-142.	0.	0.	-142.
(1)	(47)	(27)	(48)	(1)	(22)	(1)	(1)	(1)	(73)	
As=	540.	536.	1102.	549.	540.	As=	674.	450.	450.	450.
(0)	(39)	(27)	(40)	(0)	(14)	(0)	(0)	(0)	(65)	
3D18	3D18	5D18	3D18	3D18	3D18	2D18	2D18	2D18	2D18	3D18
Rs=	0.30	0.30	0.61	0.31	0.30	Rs=	0.37	0.25	0.25	0.25
V(22)=	126.	Asv(0)=	54.	2D 6	Rsv= 0.18					
T & V(72)=	-0.4 &	112.	Ast(0)=	0.	0D 0	Astv =	0.	0D 0		
						Ast1 =	0.	0D 0		

N-B= 42 (1)B*H(mm)=	300*	600	Lb=	6.90(m)						
-I-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-	
+M=	0.	106.	179.	110.	0.	-M=	-142.	0.	0.	-141.
(1)	(47)	(27)	(48)	(1)	(22)	(1)	(1)	(1)	(73)	
As=	540.	535.	1102.	551.	540.	As=	676.	450.	450.	450.
(0)	(39)	(27)	(40)	(0)	(14)	(0)	(0)	(0)	(65)	
3D18	3D18	5D18	3D18	3D18	3D18	2D18	2D18	2D18	2D18	3D18
Rs=	0.30	0.30	0.61	0.31	0.30	Rs=	0.38	0.25	0.25	0.25
V(22)=	126.	Asv(0)=	54.	2D 6	Rsv= 0.18					
T & V(72)=	-0.4 &	112.	Ast(0)=	0.	0D 0	Astv =	0.	0D 0		

Ast1 = 0. 0D 0

N-B= 43 (1)B*H(mm)= 300* 600 Lb= 6.90(m)

	-I-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-
+M=	0.	106.	179.	110.	0.	-M=	-143.	0.	0.	-140.
	(1)	(47)	(27)	(48)	(1)		(22)	(1)	(1)	(73)
As=	540.	533.	1102.	552.	540.	As=	678.	450.	450.	656.
	(0)	(39)	(27)	(40)	(0)		(14)	(0)	(0)	(65)
	3D18	3D18	5D18	3D18	3D18		3D18	2D18	2D18	2D18
Rs=	0.30	0.30	0.61	0.31	0.30	Rs=	0.38	0.25	0.25	0.25
V(22)=	126.	Asv(0)=	54.	2D 6	Rsv=	0.18				
T & V(72)=	-0.4 &	112.	Ast(0)=	0.	0D 0	Astv =	0.	0D 0		
						Ast1 =	0.	0D 0		

N-B= 44 (1)B*H(mm)= 300* 600 Lb= 6.90(m)

	-I-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-
+M=	0.	105.	178.	110.	0.	-M=	-143.	0.	0.	-140.
	(1)	(47)	(27)	(48)	(1)		(22)	(1)	(1)	(73)
As=	540.	530.	1100.	550.	540.	As=	680.	450.	450.	656.
	(0)	(39)	(27)	(40)	(0)		(14)	(0)	(0)	(65)
	3D18	3D18	5D18	3D18	3D18		3D18	2D18	2D18	2D18
Rs=	0.30	0.29	0.61	0.31	0.30	Rs=	0.38	0.25	0.25	0.25
V(22)=	126.	Asv(0)=	54.	2D 6	Rsv=	0.18				
T & V(19)=	0.4 &	112.	Ast(0)=	0.	0D 0	Astv =	0.	0D 0		
						Ast1 =	0.	0D 0		

N-B= 45 (1)B*H(mm)= 300* 600 Lb= 6.90(m)

	-I-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-
+M=	0.	84.	125.	91.	0.	-M=	-118.	0.	0.	-113.
	(1)	(47)	(27)	(48)	(1)		(22)	(1)	(1)	(73)
As=	540.	450.	752.	450.	540.	As=	540.	450.	450.	540.
	(0)	(0)	(27)	(0)	(0)		(0)	(0)	(0)	(0)
	3D18	2D18	3D18	2D18	3D18		3D18	2D18	2D18	2D18
Rs=	0.30	0.25	0.42	0.25	0.30	Rs=	0.30	0.25	0.25	0.25
V(22)=	103.	Asv(0)=	54.	2D 6	Rsv=	0.18				
T & V(72)=	-0.7 &	89.	Ast(0)=	0.	0D 0	Astv =	0.	0D 0		
						Ast1 =	0.	0D 0		

N-B= 46 (1)B*H(mm)= 250* 600 Lb= 4.80(m)

	-I-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-
+M=	21.	52.	50.	33.	0.	-M=	-56.	-1.	0.	-74.
	(49)	(45)	(27)	(46)	(1)		(72)	(24)	(1)	(23)
As=	450.	375.	375.	375.	450.	As=	450.	375.	375.	375.
	(0)	(0)	(0)	(0)	(0)		(0)	(0)	(0)	(0)
	2D18	2D18	2D18	2D18	2D18		2D18	2D18	2D18	2D18
Rs=	0.30	0.25	0.25	0.25	0.30	Rs=	0.30	0.25	0.25	0.25
V(19)=	72.	Asv(0)=	45.	2D 6	Rsv=	0.18				
T & V(53)=	-0.5 &	58.	Ast(0)=	0.	0D 0	Astv =	0.	0D 0		
						Ast1 =	0.	0D 0		

N-B= 47 (1)B*H(mm)= 250* 600 Lb= 4.80(m)

	-I-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-
+M=	0.	30.	41.	32.	2.	-M=	-70.	-9.	0.	-67.
	(1)	(45)	(27)	(46)	(50)		(20)	(24)	(1)	(23)
As=	450.	375.	375.	375.	450.	As=	450.	375.	375.	375.
	(0)	(0)	(0)	(0)	(0)		(0)	(0)	(0)	(0)
	2D18	2D18	2D18	2D18	2D18		2D18	2D18	2D18	2D18
Rs=	0.30	0.25	0.25	0.25	0.30	Rs=	0.30	0.25	0.25	0.25
V(20)=	65.	Asv(0)=	45.	2D 6	Rsv=	0.18				
T & V(54)=	0.0 &	44.	Ast(0)=	0.	0D 0	Astv =	0.	0D 0		
						Ast1 =	0.	0D 0		

N-B= 48 (1)B*H(mm)= 250* 600 Lb= 4.80(m)

	-I-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-
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N-B= 49 (1) B*H(mm)= 250* 600 Lb= 4.80(m)

+M=	2.	33.	42.	32.	1.	-M=	-67.	-7.	0.	-8.	-68.
	(49)	(45)	(27)	(46)	(50)		(20)	(24)	(1)	(23)	(19)
As=	450.	375.	375.	375.	450.	As=	450.	375.	375.	375.	450.
	(0)	(0)	(0)	(0)	(0)		(0)	(0)	(0)	(0)	(0)
	2D18	2D18	2D18	2D18	2D18		2D18	2D18	2D18	2D18	2D18
Rs=	0.30	0.25	0.25	0.25	0.30	Rs=	0.30	0.25	0.25	0.25	0.30
V(19)=	65.	Asv(0)=	45.	2D 6	Rsv=	0.18					
T & V(21)=	0.0 &	52.	Ast(0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

N-B= 50 (1) B*H(mm)= 250* 600 Lb= 4.80(m)

+M=	1.	33.	42.	33.	2.	-M=	-67.	-8.	0.	-8.	-68.
	(49)	(45)	(27)	(46)	(50)		(20)	(24)	(1)	(23)	(19)
As=	450.	375.	375.	375.	450.	As=	450.	375.	375.	375.	450.
	(0)	(0)	(0)	(0)	(0)		(0)	(0)	(0)	(0)	(0)
	2D18	2D18	2D18	2D18	2D18		2D18	2D18	2D18	2D18	2D18
Rs=	0.30	0.25	0.25	0.25	0.30	Rs=	0.30	0.25	0.25	0.25	0.30
V(19)=	64.	Asv(0)=	45.	2D 6	Rsv=	0.18					
T & V(73)=	0.0 &	51.	Ast(0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

N-B= 51 (1) B*H(mm)= 250* 600 Lb= 4.80(m)

+M=	2.	32.	40.	30.	0.	-M=	-66.	-8.	0.	-10.	-70.
	(49)	(45)	(27)	(46)	(1)		(20)	(24)	(1)	(23)	(19)
As=	450.	375.	375.	375.	450.	As=	450.	375.	375.	375.	450.
	(0)	(0)	(0)	(0)	(0)		(0)	(0)	(0)	(0)	(0)
	2D18	2D18	2D18	2D18	2D18		2D18	2D18	2D18	2D18	2D18
Rs=	0.30	0.25	0.25	0.25	0.30	Rs=	0.30	0.25	0.25	0.25	0.30
V(19)=	65.	Asv(0)=	45.	2D 6	Rsv=	0.18					
T & V(74)=	0.0 &	52.	Ast(0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

N-B= 52 (1) B*H(mm)= 250* 600 Lb= 4.80(m)

+M=	0.	33.	50.	53.	22.	-M=	-74.	-6.	0.	0.	-55.
	(1)	(45)	(27)	(46)	(50)		(20)	(24)	(1)	(23)	(71)
As=	450.	375.	375.	375.	450.	As=	450.	375.	375.	375.	450.
	(0)	(0)	(0)	(0)	(0)		(0)	(0)	(0)	(0)	(0)
	2D18	2D18	2D18	2D18	2D18		2D18	2D18	2D18	2D18	2D18
Rs=	0.30	0.25	0.25	0.25	0.30	Rs=	0.30	0.25	0.25	0.25	0.30
V(20)=	72.	Asv(0)=	45.	2D 6	Rsv=	0.18					
T & V(53)=	0.4 &	58.	Ast(0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

 * Output of Combined Force of Column, Wall and Brace on Each Floor *
 * NZ-2.OUT *
 * ----- *
 * Symbols: *
 * C,W,G --- Element number of column, shear wall and brace *
 * ND(TOP,BOT) --- Number of up and down node of column, wall, brace *
 * V-X,Y --- Shear in X,Y direction(kN) *
 * N --- Axial force(kN) *
 * M-X,Y --- Moment in X,Y direction(kN-m) *
 * N(I1-I2) --- Number of branch of shear wall *
 * I1-I2 --- Number of nodes in front and back of wall branch *
 * M,N,V-T --- Moment, axial force and shear of branch *
 * B-I,J --- Number of node on left and right of beam *
 * V,T,M-I,J --- Shear, torsion and moment on left and right of beam *

No. of Floor = 2

C(TYPB)	ND	V-X	V-Y	=N=	M-X	M-Y
1(1)	1 TOP	-6.21	-47.85	-198.48	-116.97	11.89
	1 BOT	6.21	47.85	-198.48	-40.94	8.59
1(2)	1 TOP	-5.56	-41.43	-168.65	-100.03	10.33
	1 BOT	5.56	41.43	-168.65	-36.67	8.02
1(3)	1 TOP	-3.66	-38.67	-177.65	-101.66	6.03
	1 BOT	3.66	38.67	-177.65	-25.95	6.04
1(4)	1 TOP	-4.09	-38.46	-180.34	-101.64	12.69
	1 BOT	4.09	38.46	-180.34	-25.29	0.79
1(5)	1 TOP	-4.01	-36.42	-176.91	-94.41	9.63
	1 BOT	4.01	36.42	-176.91	-25.77	3.60
1(6)	1 TOP	-3.74	-40.72	-181.08	-108.89	9.10
	1 BOT	3.74	40.72	-181.08	-25.47	3.24
1(7)	1 TOP	-3.01	-32.24	-147.81	-84.72	4.47
	1 BOT	3.01	32.24	-147.81	-21.68	5.47
1(8)	1 TOP	-3.44	-32.04	-150.51	-84.70	11.13
	1 BOT	3.44	32.04	-150.51	-21.02	0.22
1(9)	1 TOP	-3.36	-29.99	-147.08	-77.47	8.07
	1 BOT	3.36	29.99	-147.08	-21.50	3.03
1(10)	1 TOP	-3.09	-34.29	-151.25	-91.95	7.54
	1 BOT	3.09	34.29	-151.25	-21.20	2.67
1(11)	1 TOP	-5.67	-46.55	-194.41	-114.68	8.68
	1 BOT	5.67	46.55	-194.41	-38.92	10.05
1(12)	1 TOP	-6.04	-46.37	-196.71	-114.66	14.34
	1 BOT	6.04	46.37	-196.71	-38.37	5.58
1(13)	1 TOP	-5.97	-44.63	-193.79	-108.52	11.73
	1 BOT	5.97	44.63	-193.79	-38.77	7.97
1(14)	1 TOP	-5.74	-48.29	-197.33	-120.83	11.28
	1 BOT	5.74	48.29	-197.33	-38.52	7.66
1(15)	1 TOP	-5.03	-40.12	-164.58	-97.74	7.12
	1 BOT	5.03	40.12	-164.58	-34.65	9.48
1(16)	1 TOP	-5.39	-39.95	-166.87	-97.72	12.78
	1 BOT	5.39	39.95	-166.87	-34.10	5.01
1(17)	1 TOP	-5.32	-38.21	-163.96	-91.58	10.17
	1 BOT	5.32	38.21	-163.96	-34.50	7.40
1(18)	1 TOP	-5.10	-41.86	-167.50	-103.89	9.72
	1 BOT	5.10	41.86	-167.50	-34.25	7.09
1(19)	1 TOP	1.24	-43.49	-173.13	-108.45	-25.10
	1 BOT	-1.24	43.49	-173.13	-35.07	22.29
1(20)	1 TOP	-10.99	-41.60	-201.56	-107.99	45.93

	1	BOT	10.99	41.60	-201.56	-29.30	-11.02
1(21)	1	TOP	-5.92	-25.10	-173.77	-60.60	12.44
	1	BOT	5.92	25.10	-173.77	-21.68	7.08
1(22)	1	TOP	-3.83	-59.99	-200.93	-155.83	8.45
	1	BOT	3.83	59.99	-200.93	-42.69	4.19
1(23)	1	TOP	2.05	-36.40	-141.91	-90.41	-26.84
	1	BOT	-2.05	36.40	-141.91	-29.71	21.36
1(24)	1	TOP	-10.18	-34.51	-170.34	-89.95	44.25
	1	BOT	10.18	34.51	-170.34	-23.94	-11.96
1(25)	1	TOP	-5.10	-18.01	-142.54	-42.57	10.70
	1	BOT	5.10	18.01	-142.54	-16.32	6.14
1(26)	1	TOP	-3.02	-52.90	-169.70	-137.79	6.71
	1	BOT	3.02	52.90	-169.70	-37.33	3.25

2(1)	2	TOP	-1.68	-64.51	-291.53	-150.61	4.85
	2	BOT	1.68	64.51	-291.53	-62.29	0.70
2(2)	2	TOP	-1.39	-56.73	-248.99	-130.21	4.25
	2	BOT	1.39	56.73	-248.99	-57.00	0.33
2(3)	2	TOP	0.51	-46.70	-255.37	-122.40	-2.27
	2	BOT	-0.51	46.70	-255.37	-31.72	0.57
2(4)	2	TOP	-4.02	-46.73	-255.13	-122.42	9.45
	2	BOT	4.02	46.73	-255.13	-31.78	3.83
2(5)	2	TOP	-1.75	-44.56	-253.20	-115.16	3.58
	2	BOT	1.75	44.56	-253.20	-31.89	2.18
2(6)	2	TOP	-1.77	-48.87	-257.31	-129.66	3.61
	2	BOT	1.77	48.87	-257.31	-31.62	2.22
2(7)	2	TOP	0.81	-38.92	-212.83	-101.99	-2.86
	2	BOT	-0.81	38.92	-212.83	-26.43	0.20
2(8)	2	TOP	-3.73	-38.94	-212.59	-102.02	8.85
	2	BOT	3.73	38.94	-212.59	-26.49	3.46
2(9)	2	TOP	-1.45	-36.77	-210.65	-94.75	2.98
	2	BOT	1.45	36.77	-210.65	-26.59	1.82
2(10)	2	TOP	-1.47	-41.09	-214.77	-109.26	3.01
	2	BOT	1.47	41.09	-214.77	-26.32	1.85
2(11)	2	TOP	0.24	-61.83	-286.19	-146.37	-0.32
	2	BOT	-0.24	61.83	-286.19	-57.68	-0.46
2(12)	2	TOP	-3.62	-61.86	-285.98	-146.39	9.64
	2	BOT	3.62	61.86	-285.98	-57.73	2.31
2(13)	2	TOP	-1.68	-60.01	-284.34	-140.21	4.64
	2	BOT	1.68	60.01	-284.34	-57.82	0.91
2(14)	2	TOP	-1.70	-63.68	-287.84	-152.55	4.67
	2	BOT	1.70	63.68	-287.84	-57.59	0.94
2(15)	2	TOP	0.53	-54.05	-243.65	-125.97	-0.92
	2	BOT	-0.53	54.05	-243.65	-52.39	-0.83
2(16)	2	TOP	-3.33	-54.07	-243.44	-125.99	9.04
	2	BOT	3.33	54.07	-243.44	-52.44	1.94
2(17)	2	TOP	-1.39	-52.23	-241.80	-119.81	4.05
	2	BOT	1.39	52.23	-241.80	-52.53	0.54
2(18)	2	TOP	-1.41	-55.89	-245.29	-132.14	4.07
	2	BOT	1.41	55.89	-245.29	-52.30	0.57
2(19)	2	TOP	23.57	-54.28	-272.55	-134.44	-56.29
	2	BOT	-23.57	54.28	-272.55	-44.68	-21.59
2(20)	2	TOP	-27.02	-54.41	-269.05	-134.55	64.55
	2	BOT	27.02	54.41	-269.05	-44.99	24.71
2(21)	2	TOP	-1.88	-36.97	-257.36	-87.02	4.46
	2	BOT	1.88	36.97	-257.36	-34.42	1.75
2(22)	2	TOP	-1.56	-71.72	-284.24	-181.97	3.80
	2	BOT	1.56	71.72	-284.24	-55.26	1.36
2(23)	2	TOP	23.86	-45.22	-227.41	-112.02	-56.98
	2	BOT	-23.86	45.22	-227.41	-37.21	-21.85
2(24)	2	TOP	-26.73	-45.35	-223.92	-112.14	63.86
	2	BOT	26.73	45.35	-223.92	-37.52	24.45
2(25)	2	TOP	-1.59	-27.91	-212.23	-64.60	3.77
	2	BOT	1.59	27.91	-212.23	-26.95	1.49
2(26)	2	TOP	-1.28	-62.66	-239.11	-159.56	3.11

	2	BOT	1.28	62.66	-239.11	-47.78	1.10
3(1)	3	TOP	-0.47	-49.82	-243.69	-111.88	0.53
	3	BOT	0.47	49.82	-243.69	-52.52	1.02
3(2)	3	TOP	-0.43	-44.39	-209.00	-97.57	0.49
	3	BOT	0.43	44.39	-209.00	-48.91	0.95
3(3)	3	TOP	1.91	-32.57	-208.14	-85.86	-5.47
	3	BOT	-1.91	32.57	-208.14	-21.64	-0.84
3(4)	3	TOP	-2.33	-32.57	-208.12	-85.86	5.95
	3	BOT	2.33	32.57	-208.12	-21.64	1.73
3(5)	3	TOP	-0.21	-30.42	-206.06	-78.60	0.24
	3	BOT	0.21	30.42	-206.06	-21.77	0.44
3(6)	3	TOP	-0.21	-34.73	-210.20	-93.11	0.24
	3	BOT	0.21	34.73	-210.20	-21.50	0.45
3(7)	3	TOP	1.95	-27.15	-173.46	-71.55	-5.51
	3	BOT	-1.95	27.15	-173.46	-18.03	-0.91
3(8)	3	TOP	-2.29	-27.15	-173.43	-71.55	5.91
	3	BOT	2.29	27.15	-173.43	-18.03	1.66
3(9)	3	TOP	-0.17	-24.99	-171.37	-64.29	0.20
	3	BOT	0.17	24.99	-171.37	-18.17	0.37
3(10)	3	TOP	-0.17	-29.30	-175.52	-78.80	0.20
	3	BOT	0.17	29.30	-175.52	-17.90	0.37
3(11)	3	TOP	1.37	-47.23	-238.37	-107.98	-4.37
	3	BOT	-1.37	47.23	-238.37	-47.89	-0.16
3(12)	3	TOP	-2.23	-47.23	-238.34	-107.98	5.33
	3	BOT	2.23	47.23	-238.34	-47.88	2.03
3(13)	3	TOP	-0.43	-45.40	-236.59	-101.81	0.48
	3	BOT	0.43	45.40	-236.59	-48.00	0.93
3(14)	3	TOP	-0.43	-49.06	-240.12	-114.14	0.48
	3	BOT	0.43	49.06	-240.12	-47.77	0.94
3(15)	3	TOP	1.41	-41.80	-203.68	-93.67	-4.41
	3	BOT	-1.41	41.80	-203.68	-44.28	-0.23
3(16)	3	TOP	-2.20	-41.80	-203.66	-93.67	5.29
	3	BOT	2.20	41.80	-203.66	-44.28	1.95
3(17)	3	TOP	-0.39	-39.97	-201.90	-87.50	0.44
	3	BOT	0.39	39.97	-201.90	-44.39	0.86
3(18)	3	TOP	-0.40	-43.64	-205.43	-99.83	0.44
	3	BOT	0.40	43.64	-205.43	-44.16	0.86
3(19)	3	TOP	23.52	-40.01	-223.43	-97.08	-58.40
	3	BOT	-23.52	40.01	-223.43	-34.95	-19.35
3(20)	3	TOP	-24.16	-39.92	-223.31	-96.94	59.12
	3	BOT	24.16	39.92	-223.31	-34.80	20.74
3(21)	3	TOP	-0.53	-22.70	-209.89	-49.74	0.76
	3	BOT	0.53	22.70	-209.89	-24.61	0.98
3(22)	3	TOP	-0.11	-57.23	-236.85	-144.28	-0.04
	3	BOT	0.11	57.23	-236.85	-45.13	0.40
3(23)	3	TOP	23.57	-33.35	-186.20	-80.91	-58.46
	3	BOT	-23.57	33.35	-186.20	-29.13	-19.47
3(24)	3	TOP	-24.10	-33.26	-186.08	-80.77	59.06
	3	BOT	24.10	33.26	-186.08	-28.98	20.62
3(25)	3	TOP	-0.47	-16.04	-172.66	-33.57	0.70
	3	BOT	0.47	16.04	-172.66	-18.80	0.87
3(26)	3	TOP	-0.06	-50.57	-199.62	-128.11	-0.10
	3	BOT	0.06	50.57	-199.62	-39.32	0.29
4(1)	4	TOP	-0.98	-49.89	-241.51	-111.63	1.79
	4	BOT	0.98	49.89	-241.51	-53.02	1.46
4(2)	4	TOP	-0.87	-44.46	-207.06	-97.38	1.59
	4	BOT	0.87	44.46	-207.06	-49.35	1.28
4(3)	4	TOP	1.43	-32.56	-206.70	-85.45	-4.48
	4	BOT	-1.43	32.56	-206.70	-22.01	-0.25
4(4)	4	TOP	-2.82	-32.56	-206.72	-85.45	6.94
	4	BOT	2.82	32.56	-206.72	-22.01	2.37
4(5)	4	TOP	-0.69	-30.41	-204.64	-78.20	1.23
	4	BOT	0.69	30.41	-204.64	-22.15	1.06

4(6)	4	TOP	-0.69	-34.72	-208.78	-92.71	1.23
	4	BOT	0.69	34.72	-208.78	-21.88	1.06
4(7)	4	TOP	1.55	-27.14	-172.25	-71.21	-4.68
	4	BOT	-1.55	27.14	-172.25	-18.34	-0.43
4(8)	4	TOP	-2.70	-27.14	-172.26	-71.21	6.73
	4	BOT	2.70	27.14	-172.26	-18.34	2.19
4(9)	4	TOP	-0.58	-24.98	-170.19	-63.95	1.02
	4	BOT	0.58	24.98	-170.19	-18.48	0.88
4(10)	4	TOP	-0.58	-29.30	-174.33	-78.46	1.03
	4	BOT	0.58	29.30	-174.33	-18.21	0.88
4(11)	4	TOP	0.87	-47.29	-236.29	-107.70	-3.14
	4	BOT	-0.87	47.29	-236.29	-48.37	0.28
4(12)	4	TOP	-2.75	-47.29	-236.30	-107.70	6.56
	4	BOT	2.75	47.29	-236.30	-48.37	2.51
4(13)	4	TOP	-0.94	-45.46	-234.53	-101.53	1.71
	4	BOT	0.94	45.46	-234.53	-48.48	1.40
4(14)	4	TOP	-0.94	-49.13	-238.05	-113.87	1.71
	4	BOT	0.94	49.13	-238.05	-48.25	1.40
4(15)	4	TOP	0.98	-41.87	-201.84	-93.46	-3.35
	4	BOT	-0.98	41.87	-201.84	-44.70	0.11
4(16)	4	TOP	-2.63	-41.87	-201.85	-93.46	6.35
	4	BOT	2.63	41.87	-201.85	-44.70	2.33
4(17)	4	TOP	-0.82	-40.03	-200.08	-87.29	1.50
	4	BOT	0.82	40.03	-200.08	-44.81	1.22
4(18)	4	TOP	-0.83	-43.70	-203.60	-99.62	1.51
	4	BOT	0.83	43.70	-203.60	-44.58	1.22
4(19)	4	TOP	23.10	-40.00	-221.59	-96.69	-57.33
	4	BOT	-23.10	40.00	-221.59	-35.32	-19.04
4(20)	4	TOP	-24.74	-39.98	-221.66	-96.64	60.27
	4	BOT	24.74	39.98	-221.66	-35.28	21.50
4(21)	4	TOP	-1.02	-22.83	-208.21	-49.59	1.87
	4	BOT	1.02	22.83	-208.21	-25.18	1.51
4(22)	4	TOP	-0.61	-57.15	-235.04	-143.74	1.07
	4	BOT	0.61	57.15	-235.04	-45.42	0.95
4(23)	4	TOP	23.24	-33.34	-184.65	-80.58	-57.57
	4	BOT	-23.24	33.34	-184.65	-29.44	-19.25
4(24)	4	TOP	-24.60	-33.31	-184.72	-80.53	60.02
	4	BOT	24.60	33.31	-184.72	-29.40	21.29
4(25)	4	TOP	-0.89	-16.17	-171.27	-33.48	1.62
	4	BOT	0.89	16.17	-171.27	-19.30	1.31
4(26)	4	TOP	-0.48	-50.48	-198.10	-127.63	0.83
	4	BOT	0.48	50.48	-198.10	-39.53	0.74

5(1)	5	TOP	-0.94	-50.22	-242.23	-112.11	1.67
	5	BOT	0.94	50.22	-242.23	-53.63	1.44
5(2)	5	TOP	-0.83	-44.75	-207.68	-97.81	1.47
	5	BOT	0.83	44.75	-207.68	-49.88	1.27
5(3)	5	TOP	1.47	-32.81	-207.29	-85.80	-4.54
	5	BOT	-1.47	32.81	-207.29	-22.48	-0.31
5(4)	5	TOP	-2.79	-32.81	-207.28	-85.80	6.88
	5	BOT	2.79	32.81	-207.28	-22.48	2.31
5(5)	5	TOP	-0.66	-30.65	-205.22	-78.54	1.17
	5	BOT	0.66	30.65	-205.22	-22.62	1.00
5(6)	5	TOP	-0.66	-34.97	-209.36	-93.06	1.17
	5	BOT	0.66	34.97	-209.36	-22.35	1.01
5(7)	5	TOP	1.58	-27.34	-172.75	-71.50	-4.73
	5	BOT	-1.58	27.34	-172.75	-18.74	-0.47
5(8)	5	TOP	-2.68	-27.34	-172.73	-71.50	6.68
	5	BOT	2.68	27.34	-172.73	-18.74	2.15
5(9)	5	TOP	-0.55	-25.19	-170.67	-64.24	0.97
	5	BOT	0.55	25.19	-170.67	-18.87	0.83
5(10)	5	TOP	-0.55	-29.50	-174.81	-78.76	0.98
	5	BOT	0.55	29.50	-174.81	-18.60	0.84
5(11)	5	TOP	0.91	-47.61	-236.99	-108.16	-3.26

5(12)	5	BOT	-0.91	47.61	-236.99	-48.96	0.26
	5	TOP	-2.71	-47.61	-236.98	-108.16	6.44
	5	BOT	2.71	47.61	-236.98	-48.96	2.49
5(13)	5	TOP	-0.90	-45.78	-235.23	-101.99	1.59
	5	BOT	0.90	45.78	-235.23	-49.07	1.37
5(14)	5	TOP	-0.90	-49.45	-238.75	-114.33	1.59
	5	BOT	0.90	49.45	-238.75	-48.84	1.37
5(15)	5	TOP	1.02	-42.14	-202.45	-93.86	-3.45
	5	BOT	-1.02	42.14	-202.45	-45.21	0.09
5(16)	5	TOP	-2.60	-42.14	-202.44	-93.86	6.25
	5	BOT	2.60	42.14	-202.44	-45.21	2.32
5(17)	5	TOP	-0.79	-40.31	-200.68	-87.69	1.39
	5	BOT	0.79	40.31	-200.68	-45.32	1.20
5(18)	5	TOP	-0.79	-43.98	-204.20	-100.03	1.40
	5	BOT	0.79	43.98	-204.20	-45.10	1.21
5(19)	5	TOP	23.14	-40.26	-222.30	-97.05	-57.41
	5	BOT	-23.14	40.26	-222.30	-35.81	-19.08
5(20)	5	TOP	-24.70	-40.29	-222.23	-97.10	60.18
	5	BOT	24.70	40.29	-222.23	-35.85	21.46
5(21)	5	TOP	-0.99	-23.22	-208.90	-50.20	1.78
	5	BOT	0.99	23.22	-208.90	-25.86	1.47
5(22)	5	TOP	-0.57	-57.33	-235.63	-143.96	0.99
	5	BOT	0.57	57.33	-235.63	-45.80	0.91
5(23)	5	TOP	23.27	-33.55	-185.25	-80.87	-57.65
	5	BOT	-23.27	33.55	-185.25	-29.84	-19.28
5(24)	5	TOP	-24.57	-33.57	-185.19	-80.92	59.95
	5	BOT	24.57	33.57	-185.19	-29.88	21.26
5(25)	5	TOP	-0.86	-16.51	-171.86	-34.02	1.55
	5	BOT	0.86	16.51	-171.86	-19.89	1.27
5(26)	5	TOP	-0.44	-50.61	-198.58	-127.78	0.76
	5	BOT	0.44	50.61	-198.58	-39.83	0.71
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6(1)	6	TOP	-0.76	-50.60	-241.39	-112.71	1.25
	6	BOT	0.76	50.60	-241.39	-54.28	1.24
6(2)	6	TOP	-0.66	-45.09	-207.02	-98.33	1.12
	6	BOT	0.66	45.09	-207.02	-50.45	1.07
6(3)	6	TOP	1.57	-33.11	-206.22	-86.27	-4.95
	6	BOT	-1.57	33.11	-206.22	-22.98	-0.24
6(4)	6	TOP	-2.67	-33.11	-206.25	-86.27	6.46
	6	BOT	2.67	33.11	-206.25	-22.98	2.34
6(5)	6	TOP	-0.54	-30.95	-204.16	-79.01	0.75
	6	BOT	0.54	30.95	-204.16	-23.11	1.05
6(6)	6	TOP	-0.55	-35.27	-208.31	-93.53	0.76
	6	BOT	0.55	35.27	-208.31	-22.85	1.05
6(7)	6	TOP	1.66	-27.59	-171.85	-71.89	-5.08
	6	BOT	-1.66	27.59	-171.85	-19.15	-0.41
6(8)	6	TOP	-2.57	-27.59	-171.88	-71.89	6.33
	6	BOT	2.57	27.59	-171.88	-19.15	2.16
6(9)	6	TOP	-0.45	-25.43	-169.79	-64.63	0.62
	6	BOT	0.45	25.43	-169.79	-19.28	0.87
6(10)	6	TOP	-0.46	-29.75	-173.94	-79.15	0.63
	6	BOT	0.46	29.75	-173.94	-19.02	0.88
6(11)	6	TOP	1.08	-47.98	-236.11	-108.75	-3.68
	6	BOT	-1.08	47.98	-236.11	-49.59	0.12
6(12)	6	TOP	-2.52	-47.98	-236.13	-108.74	6.02
	6	BOT	2.52	47.98	-236.13	-49.59	2.31
6(13)	6	TOP	-0.72	-46.14	-234.36	-102.57	1.17
	6	BOT	0.72	46.14	-234.36	-49.70	1.21
6(14)	6	TOP	-0.73	-49.82	-237.88	-114.92	1.18
	6	BOT	0.73	49.82	-237.88	-49.48	1.22
6(15)	6	TOP	1.17	-42.46	-201.74	-94.37	-3.80
	6	BOT	-1.17	42.46	-201.74	-45.76	-0.05
6(16)	6	TOP	-2.43	-42.46	-201.76	-94.37	5.90
	6	BOT	2.43	42.46	-201.76	-45.76	2.13

6(17)	6	TOP	-0.63	-40.63	-199.98	-88.20	1.05
	6	BOT	0.63	40.63	-199.98	-45.87	1.04
6(18)	6	TOP	-0.63	-44.30	-203.51	-100.54	1.05
	6	BOT	0.63	44.30	-203.51	-45.65	1.04
6(19)	6	TOP	23.20	-40.56	-221.25	-97.54	-57.79
	6	BOT	-23.20	40.56	-221.25	-36.32	-18.91
6(20)	6	TOP	-24.47	-40.65	-221.36	-97.67	59.72
	6	BOT	24.47	40.65	-221.36	-36.47	21.18
6(21)	6	TOP	-0.84	-23.66	-208.00	-50.92	1.36
	6	BOT	0.84	23.66	-208.00	-26.57	1.42
6(22)	6	TOP	-0.43	-57.55	-234.61	-144.29	0.57
	6	BOT	0.43	57.55	-234.61	-46.22	0.85
6(23)	6	TOP	23.31	-33.80	-184.36	-81.27	-57.95
	6	BOT	-23.31	33.80	-184.36	-30.26	-19.10
6(24)	6	TOP	-24.37	-33.88	-184.48	-81.40	59.56
	6	BOT	24.37	33.88	-184.48	-30.41	20.99
6(25)	6	TOP	-0.74	-16.89	-171.11	-34.65	1.20
	6	BOT	0.74	16.89	-171.11	-20.50	1.23
6(26)	6	TOP	-0.32	-50.78	-197.73	-128.02	0.41
	6	BOT	0.32	50.78	-197.73	-40.16	0.66

7(1)	7	TOP	-2.62	-50.11	-249.04	-111.74	4.88
	7	BOT	2.62	50.11	-249.04	-53.64	3.78
7(2)	7	TOP	-2.39	-44.62	-213.40	-97.47	4.27
	7	BOT	2.39	44.62	-213.40	-49.76	3.61
7(3)	7	TOP	0.85	-33.01	-213.76	-85.64	-2.20
	7	BOT	-0.85	33.01	-213.76	-23.29	-0.60
7(4)	7	TOP	-3.69	-32.98	-214.01	-85.61	9.51
	7	BOT	3.69	32.98	-214.01	-23.24	2.65
7(5)	7	TOP	-1.42	-30.84	-211.81	-78.36	3.65
	7	BOT	1.42	30.84	-211.81	-23.39	1.02
7(6)	7	TOP	-1.42	-35.16	-215.96	-92.89	3.66
	7	BOT	1.42	35.16	-215.96	-23.13	1.03
7(7)	7	TOP	1.09	-27.51	-178.12	-71.37	-2.81
	7	BOT	-1.09	27.51	-178.12	-19.41	-0.78
7(8)	7	TOP	-3.45	-27.48	-178.36	-71.34	8.90
	7	BOT	3.45	27.48	-178.36	-19.36	2.48
7(9)	7	TOP	-1.18	-25.34	-176.16	-64.09	3.04
	7	BOT	1.18	25.34	-176.16	-19.52	0.85
7(10)	7	TOP	-1.18	-29.66	-180.31	-78.61	3.05
	7	BOT	1.18	29.66	-180.31	-19.26	0.86
7(11)	7	TOP	-0.51	-47.56	-243.67	-107.84	-0.28
	7	BOT	0.51	47.56	-243.67	-49.10	1.98
7(12)	7	TOP	-4.37	-47.54	-243.87	-107.81	9.68
	7	BOT	4.37	47.54	-243.87	-49.06	4.75
7(13)	7	TOP	-2.44	-45.71	-242.01	-101.65	4.69
	7	BOT	2.44	45.71	-242.01	-49.19	3.36
7(14)	7	TOP	-2.44	-49.38	-245.53	-114.00	4.70
	7	BOT	2.44	49.38	-245.53	-48.97	3.37
7(15)	7	TOP	-0.28	-42.06	-208.02	-93.57	-0.89
	7	BOT	0.28	42.06	-208.02	-45.23	1.81
7(16)	7	TOP	-4.13	-42.04	-208.23	-93.54	9.07
	7	BOT	4.13	42.04	-208.23	-45.18	4.58
7(17)	7	TOP	-2.20	-40.21	-206.36	-87.38	4.08
	7	BOT	2.20	40.21	-206.36	-45.31	3.19
7(18)	7	TOP	-2.21	-43.88	-209.89	-99.73	4.09
	7	BOT	2.21	43.88	-209.89	-45.09	3.20
7(19)	7	TOP	23.36	-40.40	-227.20	-96.89	-56.24
	7	BOT	-23.36	40.40	-227.20	-36.44	-20.95
7(20)	7	TOP	-27.23	-40.26	-230.70	-96.75	64.60
	7	BOT	27.23	40.26	-230.70	-36.12	25.36
7(21)	7	TOP	-2.15	-23.49	-215.72	-50.33	4.59
	7	BOT	2.15	23.49	-215.72	-26.60	2.50
7(22)	7	TOP	-1.72	-57.17	-242.18	-143.31	3.77
	7	BOT	1.72	57.17	-242.18	-45.96	1.91

7(23)	7	TOP	23.68	-33.68	-189.04	-80.75	-56.94
	7	BOT	-23.68	33.68	-189.04	-30.39	-21.31
7(24)	7	TOP	-26.91	-33.54	-192.54	-80.61	63.90
	7	BOT	26.91	33.54	-192.54	-30.08	24.99
7(25)	7	TOP	-1.82	-16.77	-177.56	-34.19	3.89
	7	BOT	1.82	16.77	-177.56	-20.55	2.13
7(26)	7	TOP	-1.40	-50.45	-204.03	-127.17	3.08
	7	BOT	1.40	50.45	-204.03	-39.92	1.54

8(1)	8	TOP	10.73	-35.54	-154.24	-82.77	-24.21
	8	BOT	-10.73	35.54	-154.24	-34.52	-11.21
8(2)	8	TOP	9.48	-31.07	-131.37	-71.23	-20.94
	8	BOT	-9.48	31.07	-131.37	-31.32	-10.35
8(3)	8	TOP	7.72	-26.70	-138.54	-69.09	-22.93
	8	BOT	-7.72	26.70	-138.54	-19.00	-2.54
8(4)	8	TOP	7.30	-26.91	-135.85	-69.37	-16.28
	8	BOT	-7.30	26.91	-135.85	-19.43	-7.80
8(5)	8	TOP	7.51	-24.64	-135.12	-61.97	-19.61
	8	BOT	-7.51	24.64	-135.12	-19.35	-5.17
8(6)	8	TOP	7.51	-28.97	-139.27	-76.50	-19.61
	8	BOT	-7.51	28.97	-139.27	-19.09	-5.17
8(7)	8	TOP	6.47	-22.23	-115.67	-57.55	-19.67
	8	BOT	-6.47	22.23	-115.67	-15.80	-1.67
8(8)	8	TOP	6.05	-22.44	-112.99	-57.84	-13.01
	8	BOT	-6.05	22.44	-112.99	-16.23	-6.94
8(9)	8	TOP	6.26	-20.17	-112.25	-50.43	-16.34
	8	BOT	-6.26	20.17	-112.25	-16.14	-4.31
8(10)	8	TOP	6.26	-24.50	-116.40	-64.96	-16.34
	8	BOT	-6.26	24.50	-116.40	-15.89	-4.31
8(11)	8	TOP	10.43	-34.14	-152.82	-80.62	-26.34
	8	BOT	-10.43	34.14	-152.82	-32.04	-8.07
8(12)	8	TOP	10.07	-34.32	-150.54	-80.86	-20.69
	8	BOT	-10.07	34.32	-150.54	-32.41	-12.54
8(13)	8	TOP	10.25	-32.39	-149.92	-74.56	-23.52
	8	BOT	-10.25	32.39	-149.92	-32.33	-10.31
8(14)	8	TOP	10.25	-36.07	-153.44	-86.91	-23.51
	8	BOT	-10.25	36.07	-153.44	-32.11	-10.30
8(15)	8	TOP	9.18	-29.67	-129.96	-69.08	-23.07
	8	BOT	-9.18	29.67	-129.96	-28.84	-7.21
8(16)	8	TOP	8.82	-29.86	-127.67	-69.32	-17.42
	8	BOT	-8.82	29.86	-127.67	-29.20	-11.68
8(17)	8	TOP	9.00	-27.93	-127.05	-63.02	-20.25
	8	BOT	-9.00	27.93	-127.05	-29.13	-9.44
8(18)	8	TOP	9.00	-31.60	-130.58	-75.37	-20.25
	8	BOT	-9.00	31.60	-130.58	-28.91	-9.44
8(19)	8	TOP	14.98	-29.42	-158.65	-73.42	-57.11
	8	BOT	-14.98	29.42	-158.65	-23.65	8.96
8(20)	8	TOP	2.80	-31.68	-130.35	-76.64	13.95
	8	BOT	-2.80	31.68	-130.35	-27.90	-24.48
8(21)	8	TOP	8.76	-13.82	-131.20	-28.76	-21.31
	8	BOT	-8.76	13.82	-131.20	-16.25	-7.61
8(22)	8	TOP	9.02	-47.27	-157.79	-121.31	-21.85
	8	BOT	-9.02	47.27	-157.79	-35.30	-7.90
8(23)	8	TOP	13.50	-24.32	-134.57	-60.92	-53.51
	8	BOT	-13.50	24.32	-134.57	-19.35	10.25
8(24)	8	TOP	1.32	-26.59	-106.26	-64.14	17.55
	8	BOT	-1.32	26.59	-106.26	-23.61	-23.18
8(25)	8	TOP	7.28	-8.73	-107.12	-16.25	-17.71
	8	BOT	-7.28	8.73	-107.12	-11.95	-6.32
8(26)	8	TOP	7.53	-42.18	-133.71	-108.80	-18.26
	8	BOT	-7.53	42.18	-133.71	-31.01	-6.61

9(1)	9	TOP	-16.56	36.43	-197.74	85.23	35.87
	9	BOT	16.56	-36.43	-197.74	34.98	18.76

9(2)	9	TOP	-14.80	31.61	-168.76	72.91	31.42
	9	BOT	14.80	-31.61	-168.76	31.41	17.42
9(3)	9	TOP	-10.71	28.89	-172.91	73.92	24.33
	9	BOT	10.71	-28.89	-172.91	21.42	11.01
9(4)	9	TOP	-10.39	28.87	-174.79	73.88	29.12
	9	BOT	10.39	-28.87	-174.79	21.37	5.16
9(5)	9	TOP	-10.51	32.40	-174.71	82.94	26.68
	9	BOT	10.51	-32.40	-174.71	23.98	7.99
9(6)	9	TOP	-10.59	25.36	-172.99	64.87	26.76
	9	BOT	10.59	-25.36	-172.99	18.81	8.17
9(7)	9	TOP	-8.95	24.08	-143.93	61.60	19.88
	9	BOT	8.95	-24.08	-143.93	17.85	9.66
9(8)	9	TOP	-8.63	24.05	-145.81	61.57	24.66
	9	BOT	8.63	-24.05	-145.81	17.81	3.82
9(9)	9	TOP	-8.75	27.59	-145.73	70.62	22.23
	9	BOT	8.75	-27.59	-145.73	20.41	6.65
9(10)	9	TOP	-8.83	20.54	-144.01	52.55	22.31
	9	BOT	8.83	-20.54	-144.01	15.25	6.83
9(11)	9	TOP	-15.79	35.30	-193.36	83.55	32.47
	9	BOT	15.79	-35.30	-193.36	32.98	19.65
9(12)	9	TOP	-15.52	35.28	-194.96	83.51	36.53
	9	BOT	15.52	-35.28	-194.96	32.92	14.68
9(13)	9	TOP	-15.62	38.29	-194.89	91.21	34.47
	9	BOT	15.62	-38.29	-194.89	35.14	17.09
9(14)	9	TOP	-15.69	32.30	-193.42	75.85	34.54
	9	BOT	15.69	-32.30	-193.42	30.74	17.24
9(15)	9	TOP	-14.03	30.49	-164.38	71.23	28.01
	9	BOT	14.03	-30.49	-164.38	29.39	18.30
9(16)	9	TOP	-13.76	30.47	-165.98	71.20	32.08
	9	BOT	13.76	-30.47	-165.98	29.36	13.33
9(17)	9	TOP	-13.86	33.47	-165.91	78.89	30.01
	9	BOT	13.86	-33.47	-165.91	31.57	15.74
9(18)	9	TOP	-13.93	27.49	-164.45	63.53	30.08
	9	BOT	13.93	-27.49	-164.45	27.18	15.89
9(19)	9	TOP	-10.73	32.13	-174.17	78.77	5.21
	9	BOT	10.73	-32.13	-174.17	27.26	32.41
9(20)	9	TOP	-15.51	32.10	-194.01	78.74	56.08
	9	BOT	15.51	-32.10	-194.01	27.18	-7.08
9(21)	9	TOP	-12.90	57.75	-189.88	137.68	30.42
	9	BOT	12.90	-57.75	-189.88	53.01	12.16
9(22)	9	TOP	-13.34	6.48	-178.29	19.83	30.87
	9	BOT	13.34	-6.48	-178.29	1.43	13.16
9(23)	9	TOP	-8.54	26.78	-143.49	65.65	0.10
	9	BOT	8.54	-26.78	-143.49	22.72	30.30
9(24)	9	TOP	-13.33	26.74	-163.32	65.61	50.97
	9	BOT	13.33	-26.74	-163.32	22.64	-9.20
9(25)	9	TOP	-10.72	52.40	-159.20	124.56	25.31
	9	BOT	10.72	-52.40	-159.20	48.47	10.05
9(26)	9	TOP	-11.16	1.13	-147.61	6.70	25.76
	9	BOT	11.16	-1.13	-147.61	-3.11	11.05

10(1)	10	TOP	0.48	50.37	-297.91	115.90	-1.75
	10	BOT	-0.48	-50.37	-297.91	50.30	0.17
10(2)	10	TOP	0.40	44.24	-256.58	100.16	-1.43
	10	BOT	-0.40	-44.24	-256.58	45.83	0.10
10(3)	10	TOP	2.19	36.75	-248.01	94.48	-6.53
	10	BOT	-2.19	-36.75	-248.01	26.81	-0.71
10(4)	10	TOP	-1.31	36.75	-247.97	94.48	2.66
	10	BOT	1.31	-36.75	-247.97	26.81	1.66
10(5)	10	TOP	0.44	40.28	-248.85	103.52	-1.93
	10	BOT	-0.44	-40.28	-248.85	29.40	0.48
10(6)	10	TOP	0.45	33.23	-247.12	85.44	-1.94
	10	BOT	-0.45	-33.23	-247.12	24.22	0.47
10(7)	10	TOP	2.12	30.63	-206.68	78.73	-6.21
	10	BOT	-2.12	-30.63	-206.68	22.34	-0.79

10(8)	10	TOP	-1.38	30.63	-206.64	78.73	2.98
	10	BOT	1.38	-30.63	-206.64	22.34	1.58
10(9)	10	TOP	0.37	34.15	-207.52	87.77	-1.61
	10	BOT	-0.37	-34.15	-207.52	24.93	0.40
10(10)	10	TOP	0.37	27.10	-205.79	69.69	-1.62
	10	BOT	-0.37	-27.10	-205.79	19.75	0.39
10(11)	10	TOP	1.96	48.32	-290.44	112.69	-5.69
	10	BOT	-1.96	-48.32	-290.44	46.78	-0.78
10(12)	10	TOP	-1.01	48.32	-290.40	112.69	2.12
	10	BOT	1.01	-48.32	-290.40	46.78	1.22
10(13)	10	TOP	0.47	51.32	-291.15	120.37	-1.78
	10	BOT	-0.47	-51.32	-291.15	48.98	0.23
10(14)	10	TOP	0.48	45.33	-289.69	105.01	-1.78
	10	BOT	-0.48	-45.33	-289.69	44.58	0.21
10(15)	10	TOP	1.89	42.20	-249.11	96.95	-5.36
	10	BOT	-1.89	-42.20	-249.11	42.31	-0.86
10(16)	10	TOP	-1.09	42.20	-249.07	96.94	2.44
	10	BOT	1.09	-42.20	-249.07	42.31	1.14
10(17)	10	TOP	0.40	45.19	-249.82	104.63	-1.46
	10	BOT	-0.40	-45.19	-249.82	44.51	0.15
10(18)	10	TOP	0.40	39.20	-248.36	89.26	-1.46
	10	BOT	-0.40	-39.20	-248.36	40.11	0.13
10(19)	10	TOP	20.38	42.51	-269.86	103.54	-49.21
	10	BOT	-20.38	-42.51	-269.86	36.74	-18.17
10(20)	10	TOP	-19.46	42.66	-268.90	103.78	45.50
	10	BOT	19.46	-42.66	-268.90	37.01	18.86
10(21)	10	TOP	0.41	68.09	-275.14	162.35	-1.79
	10	BOT	-0.41	-68.09	-275.14	62.47	0.43
10(22)	10	TOP	0.51	17.08	-263.62	44.97	-1.93
	10	BOT	-0.51	-17.08	-263.62	11.28	0.26
10(23)	10	TOP	20.31	35.41	-224.97	86.26	-48.90
	10	BOT	-20.31	-35.41	-224.97	30.60	-18.23
10(24)	10	TOP	-19.54	35.57	-224.01	86.50	45.81
	10	BOT	19.54	-35.57	-224.01	30.87	18.81
10(25)	10	TOP	0.33	60.99	-230.25	145.08	-1.48
	10	BOT	-0.33	-60.99	-230.25	56.33	0.38
10(26)	10	TOP	0.43	9.98	-218.72	27.69	-1.62
	10	BOT	-0.43	-9.98	-218.72	5.13	0.20

11(1)	11	TOP	-0.37	44.96	-287.43	103.60	0.72
	11	BOT	0.37	-44.96	-287.43	44.76	0.51
11(2)	11	TOP	-0.33	39.65	-248.09	89.95	0.63
	11	BOT	0.33	-39.65	-248.09	40.89	0.46
11(3)	11	TOP	1.38	31.84	-236.08	81.88	-3.97
	11	BOT	-1.38	-31.84	-236.08	23.20	-0.59
11(4)	11	TOP	-1.87	31.84	-236.05	81.88	5.05
	11	BOT	1.87	-31.84	-236.05	23.20	1.12
11(5)	11	TOP	-0.24	35.37	-236.93	90.92	0.54
	11	BOT	0.24	-35.37	-236.93	25.79	0.27
11(6)	11	TOP	-0.24	28.32	-235.21	72.84	0.54
	11	BOT	0.24	-28.32	-235.21	20.61	0.27
11(7)	11	TOP	1.42	26.54	-196.74	68.23	-4.06
	11	BOT	-1.42	-26.54	-196.74	19.33	-0.63
11(8)	11	TOP	-1.83	26.53	-196.71	68.23	4.96
	11	BOT	1.83	-26.53	-196.71	19.33	1.08
11(9)	11	TOP	-0.20	30.06	-197.59	77.28	0.45
	11	BOT	0.20	-30.06	-197.59	21.92	0.22
11(10)	11	TOP	-0.20	23.01	-195.86	59.19	0.45
	11	BOT	0.20	-23.01	-195.86	16.74	0.22
11(11)	11	TOP	1.03	42.99	-279.74	100.34	-3.14
	11	BOT	-1.03	-42.99	-279.74	41.52	-0.26
11(12)	11	TOP	-1.73	42.99	-279.71	100.34	4.53
	11	BOT	1.73	-42.99	-279.71	41.52	1.20
11(13)	11	TOP	-0.35	45.99	-280.46	108.03	0.69
	11	BOT	0.35	-45.99	-280.46	43.73	0.47

11(14)	11	TOP	-0.35	39.99	-278.99	92.65	0.69
	11	BOT	0.35	-39.99	-278.99	39.32	0.47
11(15)	11	TOP	1.07	37.68	-240.39	86.69	-3.23
	11	BOT	-1.07	-37.68	-240.39	37.66	-0.30
11(16)	11	TOP	-1.69	37.68	-240.37	86.69	4.44
	11	BOT	1.69	-37.68	-240.37	37.66	1.16
11(17)	11	TOP	-0.31	40.68	-241.11	94.38	0.60
	11	BOT	0.31	-40.68	-241.11	39.86	0.43
11(18)	11	TOP	-0.31	34.69	-239.65	79.01	0.60
	11	BOT	0.31	-34.69	-239.65	35.46	0.43
11(19)	11	TOP	18.43	37.42	-258.17	91.11	-45.75
	11	BOT	-18.43	-37.42	-258.17	32.37	-15.25
11(20)	11	TOP	-19.03	37.51	-257.99	91.27	46.98
	11	BOT	19.03	-37.51	-257.99	32.51	15.99
11(21)	11	TOP	-0.33	62.84	-263.82	149.64	0.67
	11	BOT	0.33	-62.84	-263.82	57.84	0.41
11(22)	11	TOP	-0.27	12.09	-252.35	32.73	0.56
	11	BOT	0.27	-12.09	-252.35	7.04	0.33
11(23)	11	TOP	18.48	31.17	-215.16	75.91	-45.86
	11	BOT	-18.48	-31.17	-215.16	26.96	-15.32
11(24)	11	TOP	-18.98	31.26	-214.98	76.07	46.88
	11	BOT	18.98	-31.26	-214.98	27.10	15.93
11(25)	11	TOP	-0.28	56.59	-220.80	134.44	0.57
	11	BOT	0.28	-56.59	-220.80	52.43	0.35
11(26)	11	TOP	-0.22	5.85	-209.33	17.53	0.45
	11	BOT	0.22	-5.85	-209.33	1.63	0.27

12(1)	12	TOP	-0.36	44.40	-287.50	102.61	0.58
	12	BOT	0.36	-44.40	-287.50	43.91	0.60
12(2)	12	TOP	-0.32	39.17	-248.11	89.11	0.52
	12	BOT	0.32	-39.17	-248.11	40.14	0.53
12(3)	12	TOP	1.41	31.40	-236.29	81.02	-4.16
	12	BOT	-1.41	-31.40	-236.29	22.60	-0.48
12(4)	12	TOP	-1.86	31.40	-236.30	81.02	4.84
	12	BOT	1.86	-31.40	-236.30	22.60	1.28
12(5)	12	TOP	-0.22	34.93	-237.16	90.07	0.34
	12	BOT	0.22	-34.93	-237.16	25.19	0.40
12(6)	12	TOP	-0.22	27.88	-235.43	71.98	0.34
	12	BOT	0.22	-27.88	-235.43	20.01	0.40
12(7)	12	TOP	1.44	26.17	-196.91	67.52	-4.22
	12	BOT	-1.44	-26.17	-196.91	18.84	-0.55
12(8)	12	TOP	-1.82	26.17	-196.92	67.52	4.79
	12	BOT	1.82	-26.17	-196.92	18.83	1.21
12(9)	12	TOP	-0.19	29.69	-197.77	76.56	0.28
	12	BOT	0.19	-29.69	-197.77	21.43	0.33
12(10)	12	TOP	-0.19	22.64	-196.05	58.48	0.28
	12	BOT	0.19	-22.64	-196.05	16.24	0.33
12(11)	12	TOP	1.05	42.45	-279.81	99.37	-3.29
	12	BOT	-1.05	-42.45	-279.81	40.71	-0.18
12(12)	12	TOP	-1.72	42.45	-279.82	99.37	4.37
	12	BOT	1.72	-42.45	-279.82	40.71	1.32
12(13)	12	TOP	-0.34	45.45	-280.55	107.06	0.54
	12	BOT	0.34	-45.45	-280.55	42.91	0.57
12(14)	12	TOP	-0.34	39.45	-279.08	91.68	0.54
	12	BOT	0.34	-39.45	-279.08	38.51	0.57
12(15)	12	TOP	1.09	37.22	-240.43	85.87	-3.34
	12	BOT	-1.09	-37.22	-240.43	36.94	-0.24
12(16)	12	TOP	-1.69	37.22	-240.44	85.87	4.31
	12	BOT	1.69	-37.22	-240.44	36.94	1.25
12(17)	12	TOP	-0.30	40.21	-241.17	93.56	0.48
	12	BOT	0.30	-40.21	-241.17	39.15	0.50
12(18)	12	TOP	-0.30	34.22	-239.70	78.18	0.48
	12	BOT	0.30	-34.22	-239.70	34.74	0.50
12(19)	12	TOP	18.51	36.96	-258.20	90.25	-45.89

	12	BOT	-18.51	-36.96	-258.20	31.71	-15.35
12(20)	12	TOP	-19.07	36.99	-258.27	90.30	46.78
	12	BOT	19.07	-36.99	-258.27	31.76	16.33
12(21)	12	TOP	-0.31	62.21	-263.95	148.49	0.50
	12	BOT	0.31	-62.21	-263.95	56.94	0.53
12(22)	12	TOP	-0.25	11.73	-252.53	32.06	0.38
	12	BOT	0.25	-11.73	-252.53	6.53	0.44
12(23)	12	TOP	18.55	30.79	-215.17	75.20	-45.97
	12	BOT	-18.55	-30.79	-215.17	26.42	-15.44
12(24)	12	TOP	-19.02	30.83	-215.23	75.26	46.70
	12	BOT	19.02	-30.83	-215.23	26.47	16.25
12(25)	12	TOP	-0.27	56.05	-220.91	133.45	0.43
	12	BOT	0.27	-56.05	-220.91	51.65	0.45
12(26)	12	TOP	-0.20	5.57	-209.49	17.01	0.31
	12	BOT	0.20	-5.57	-209.49	1.24	0.36

13(1)	13	TOP	-0.37	43.98	-287.46	101.94	0.64
	13	BOT	0.37	-43.98	-287.46	43.20	0.58
13(2)	13	TOP	-0.33	38.80	-248.08	88.52	0.57
	13	BOT	0.33	-38.80	-248.08	39.53	0.52
13(3)	13	TOP	1.39	31.09	-236.27	80.53	-4.08
	13	BOT	-1.39	-31.09	-236.27	22.06	-0.51
13(4)	13	TOP	-1.87	31.09	-236.27	80.53	4.93
	13	BOT	1.87	-31.09	-236.27	22.06	1.26
13(5)	13	TOP	-0.24	34.62	-237.13	89.57	0.42
	13	BOT	0.24	-34.62	-237.13	24.66	0.37
13(6)	13	TOP	-0.24	27.56	-235.41	71.48	0.42
	13	BOT	0.24	-27.56	-235.41	19.47	0.37
13(7)	13	TOP	1.43	25.91	-196.90	67.11	-4.15
	13	BOT	-1.43	-25.91	-196.90	18.39	-0.57
13(8)	13	TOP	-1.83	25.91	-196.89	67.11	4.86
	13	BOT	1.83	-25.91	-196.89	18.39	1.19
13(9)	13	TOP	-0.20	29.43	-197.75	76.15	0.35
	13	BOT	0.20	-29.43	-197.75	20.98	0.31
13(10)	13	TOP	-0.20	22.38	-196.03	58.06	0.35
	13	BOT	0.20	-22.38	-196.03	15.79	0.31
13(11)	13	TOP	1.04	42.05	-279.78	98.73	-3.22
	13	BOT	-1.04	-42.05	-279.78	40.03	-0.20
13(12)	13	TOP	-1.74	42.05	-279.78	98.73	4.44
	13	BOT	1.74	-42.05	-279.78	40.03	1.30
13(13)	13	TOP	-0.35	45.05	-280.51	106.42	0.61
	13	BOT	0.35	-45.05	-280.51	42.24	0.55
13(14)	13	TOP	-0.35	39.05	-279.05	91.04	0.61
	13	BOT	0.35	-39.05	-279.05	37.83	0.55
13(15)	13	TOP	1.08	36.87	-240.40	85.31	-3.29
	13	BOT	-1.08	-36.87	-240.40	36.35	-0.26
13(16)	13	TOP	-1.70	36.87	-240.40	85.31	4.37
	13	BOT	1.70	-36.87	-240.40	36.35	1.24
13(17)	13	TOP	-0.31	39.87	-241.13	93.00	0.54
	13	BOT	0.31	-39.87	-241.13	38.56	0.49
13(18)	13	TOP	-0.31	33.87	-239.67	77.62	0.54
	13	BOT	0.31	-33.87	-239.67	34.15	0.49
13(19)	13	TOP	18.49	36.63	-258.24	89.73	-45.82
	13	BOT	-18.49	-36.63	-258.24	31.15	-15.38
13(20)	13	TOP	-19.08	36.60	-258.17	89.68	46.85
	13	BOT	19.08	-36.60	-258.17	31.10	16.30
13(21)	13	TOP	-0.33	61.73	-263.89	147.69	0.58
	13	BOT	0.33	-61.73	-263.89	56.13	0.51
13(22)	13	TOP	-0.27	11.50	-252.52	31.72	0.46
	13	BOT	0.27	-11.50	-252.52	6.12	0.42
13(23)	13	TOP	18.54	30.53	-215.21	74.78	-45.90
	13	BOT	-18.54	-30.53	-215.21	25.96	-15.45
13(24)	13	TOP	-19.04	30.50	-215.14	74.73	46.77
	13	BOT	19.04	-30.50	-215.14	25.91	16.23

13(25)	13	TOP	-0.28	55.62	-220.86	132.74	0.49
	13	BOT	0.28	-55.62	-220.86	50.95	0.43
13(26)	13	TOP	-0.22	5.40	-209.49	16.77	0.37
	13	BOT	0.22	-5.40	-209.49	0.93	0.34

14(1)	14	TOP	-0.27	43.57	-286.81	101.27	0.25
	14	BOT	0.27	-43.57	-286.81	42.51	0.62
14(2)	14	TOP	-0.24	38.44	-247.54	87.93	0.25
	14	BOT	0.24	-38.44	-247.54	38.92	0.55
14(3)	14	TOP	1.49	30.77	-235.59	80.03	-4.51
	14	BOT	-1.49	-30.77	-235.59	21.52	-0.42
14(4)	14	TOP	-1.76	30.77	-235.62	80.03	4.51
	14	BOT	1.76	-30.77	-235.62	21.52	1.29
14(5)	14	TOP	-0.13	34.30	-236.47	89.08	0.00
	14	BOT	0.13	-34.30	-236.47	24.11	0.44
14(6)	14	TOP	-0.13	27.24	-234.74	70.98	0.00
	14	BOT	0.13	-27.24	-234.74	18.92	0.44
14(7)	14	TOP	-1.52	25.64	-196.32	66.69	-4.51
	14	BOT	-1.52	-25.64	-196.32	17.93	-0.49
14(8)	14	TOP	-1.74	25.64	-196.35	66.69	4.51
	14	BOT	1.74	-25.64	-196.35	17.93	1.22
14(9)	14	TOP	-0.11	29.17	-197.20	75.74	0.00
	14	BOT	0.11	-29.17	-197.20	20.52	0.37
14(10)	14	TOP	-0.11	22.11	-195.47	57.64	0.00
	14	BOT	0.11	-22.11	-195.47	15.33	0.36
14(11)	14	TOP	1.14	41.65	-279.11	98.08	-3.62
	14	BOT	-1.14	-41.65	-279.11	39.36	-0.13
14(12)	14	TOP	-1.63	41.65	-279.14	98.08	4.05
	14	BOT	1.63	-41.65	-279.14	39.36	1.32
14(13)	14	TOP	-0.25	44.65	-279.86	105.77	0.21
	14	BOT	0.25	-44.65	-279.86	41.56	0.60
14(14)	14	TOP	-0.25	38.65	-278.39	90.39	0.21
	14	BOT	0.25	-38.65	-278.39	37.15	0.60
14(15)	14	TOP	1.16	36.52	-239.85	84.74	-3.62
	14	BOT	-1.16	-36.52	-239.85	35.77	-0.20
14(16)	14	TOP	-1.61	36.52	-239.87	84.74	4.05
	14	BOT	1.61	-36.52	-239.87	35.77	1.25
14(17)	14	TOP	-0.22	39.52	-240.59	92.43	0.21
	14	BOT	0.22	-39.52	-240.59	37.98	0.52
14(18)	14	TOP	-0.22	33.52	-239.13	77.05	0.21
	14	BOT	0.22	-33.52	-239.13	33.57	0.52
14(19)	14	TOP	18.54	36.30	-257.46	89.21	-46.26
	14	BOT	-18.54	-36.30	-257.46	30.58	-15.11
14(20)	14	TOP	-18.92	36.21	-257.64	89.05	46.47
	14	BOT	18.92	-36.21	-257.64	30.44	16.14
14(21)	14	TOP	-0.22	61.23	-263.21	146.88	0.16
	14	BOT	0.22	-61.23	-263.21	55.32	0.56
14(22)	14	TOP	-0.16	11.28	-251.89	31.38	0.05
	14	BOT	0.16	-11.28	-251.89	5.70	0.47
14(23)	14	TOP	18.57	30.26	-214.53	74.35	-46.28
	14	BOT	-18.57	-30.26	-214.53	25.50	-15.19
14(24)	14	TOP	-18.89	30.17	-214.71	74.20	46.46
	14	BOT	18.89	-30.17	-214.71	25.36	16.05
14(25)	14	TOP	-0.19	55.19	-220.28	132.02	0.15
	14	BOT	0.19	-55.19	-220.28	50.24	0.48
14(26)	14	TOP	-0.13	5.23	-208.96	16.53	0.03
	14	BOT	0.13	-5.23	-208.96	0.61	0.39

15(1)	15	TOP	-1.46	43.82	-292.00	100.59	3.77
	15	BOT	1.46	-43.82	-292.00	44.01	1.05
15(2)	15	TOP	-1.27	38.76	-251.92	87.41	3.21
	15	BOT	1.27	-38.76	-251.92	40.51	0.99
15(3)	15	TOP	0.62	30.32	-240.48	79.10	-1.24
	15	BOT	-0.62	-30.32	-240.48	20.96	-0.82
15(4)	15	TOP	-2.87	30.32	-240.52	79.10	7.94
	15	BOT	2.87	-30.32	-240.52	20.96	1.55

15(5)	15	TOP	-1.12	33.85	-241.36	88.15	3.35
	15	BOT	1.12	-33.85	-241.36	23.55	0.36
15(6)	15	TOP	-1.12	26.79	-239.64	70.05	3.35
	15	BOT	1.12	-26.79	-239.64	18.36	0.36
15(7)	15	TOP	0.81	25.27	-200.39	65.92	-1.80
	15	BOT	-0.81	-25.27	-200.39	17.47	-0.88
15(8)	15	TOP	-2.69	25.27	-200.44	65.92	7.38
	15	BOT	2.69	-25.27	-200.44	17.46	1.49
15(9)	15	TOP	-0.94	28.80	-201.28	74.97	2.79
	15	BOT	0.94	-28.80	-201.28	20.06	0.30
15(10)	15	TOP	-0.94	21.74	-199.55	56.87	2.79
	15	BOT	0.94	-21.74	-199.55	14.87	0.30
15(11)	15	TOP	0.08	41.79	-284.26	97.37	-0.20
	15	BOT	-0.08	-41.79	-284.26	40.55	-0.06
15(12)	15	TOP	-2.90	41.79	-284.30	97.37	7.61
	15	BOT	2.90	-41.79	-284.30	40.55	1.95
15(13)	15	TOP	-1.41	44.79	-285.01	105.06	3.70
	15	BOT	1.41	-44.79	-285.01	42.76	0.95
15(14)	15	TOP	-1.41	38.79	-283.54	89.67	3.70
	15	BOT	1.41	-38.79	-283.54	38.34	0.95
15(15)	15	TOP	0.27	36.74	-244.18	84.18	-0.76
	15	BOT	-0.27	-36.74	-244.18	37.06	-0.12
15(16)	15	TOP	-2.71	36.74	-244.21	84.19	7.05
	15	BOT	2.71	-36.74	-244.21	37.06	1.89
15(17)	15	TOP	-1.22	39.74	-244.93	91.88	3.14
	15	BOT	1.22	-39.74	-244.93	39.26	0.89
15(18)	15	TOP	-1.22	33.74	-243.46	76.49	3.14
	15	BOT	1.22	-33.74	-243.46	34.85	0.89
15(19)	15	TOP	18.65	36.18	-262.09	88.43	-43.83
	15	BOT	-18.65	-36.18	-262.09	30.97	-17.86
15(20)	15	TOP	-21.19	36.03	-263.05	88.19	50.88
	15	BOT	21.19	-36.03	-263.05	30.70	19.18
15(21)	15	TOP	-1.30	60.95	-268.21	145.82	3.59
	15	BOT	1.30	-60.95	-268.21	55.45	0.71
15(22)	15	TOP	-1.24	11.26	-256.93	30.80	3.47
	15	BOT	1.24	-11.26	-256.93	6.22	0.61
15(23)	15	TOP	18.87	30.17	-218.33	73.72	-44.42
	15	BOT	-18.87	-30.17	-218.33	25.83	-17.97
15(24)	15	TOP	-20.98	30.01	-219.29	73.47	50.29
	15	BOT	20.98	-30.01	-219.29	25.56	19.07
15(25)	15	TOP	-1.09	54.94	-224.45	131.10	3.00
	15	BOT	1.09	-54.94	-224.45	50.31	0.60
15(26)	15	TOP	-1.02	5.24	-213.17	16.08	2.88
	15	BOT	1.02	-5.24	-213.17	1.08	0.50

16(1)	16	TOP	17.97	29.73	-191.78	70.43	-39.73
	16	BOT	-17.97	-29.73	-191.78	27.66	-19.55
16(2)	16	TOP	16.01	25.97	-164.02	60.52	-34.70
	16	BOT	-16.01	-25.97	-164.02	25.16	-18.13
16(3)	16	TOP	11.58	22.55	-167.55	59.44	-32.61
	16	BOT	-11.58	-22.55	-167.55	14.97	-5.60
16(4)	16	TOP	11.90	22.57	-165.65	59.45	-27.82
	16	BOT	-11.90	-22.57	-165.65	15.02	-11.45
16(5)	16	TOP	11.74	26.09	-167.46	68.50	-30.21
	16	BOT	-11.74	-26.09	-167.46	17.59	-8.53
16(6)	16	TOP	11.74	19.03	-165.74	50.39	-30.21
	16	BOT	-11.74	-19.03	-165.74	12.40	-8.53
16(7)	16	TOP	9.62	18.79	-139.78	49.53	-27.57
	16	BOT	-9.62	-18.79	-139.78	12.47	-4.18
16(8)	16	TOP	9.94	18.81	-137.88	49.55	-22.79
	16	BOT	-9.94	-18.81	-137.88	12.52	-10.03
16(9)	16	TOP	9.78	22.33	-139.70	58.59	-25.18
	16	BOT	-9.78	-22.33	-139.70	15.09	-7.10
16(10)	16	TOP	9.78	15.27	-137.97	40.48	-25.18
	16	BOT	-9.78	-15.27	-137.97	9.90	-7.11
16(11)	16	TOP	16.90	28.64	-188.81	68.78	-40.34

	16	BOT	-16.90	-28.64	-188.81	25.74	-15.42
16(12)	16	TOP	17.17	28.66	-187.20	68.79	-36.27
	16	BOT	-17.17	-28.66	-187.20	25.76	-20.38
16(13)	16	TOP	17.03	31.65	-188.74	76.48	-38.30
	16	BOT	-17.03	-31.65	-188.74	27.97	-17.90
16(14)	16	TOP	17.03	25.65	-187.27	61.09	-38.31
	16	BOT	-17.03	-25.65	-187.27	23.55	-17.90
16(15)	16	TOP	14.94	24.88	-161.05	58.87	-35.30
	16	BOT	-14.94	-24.88	-161.05	23.24	-13.99
16(16)	16	TOP	15.21	24.90	-159.43	58.88	-31.24
	16	BOT	-15.21	-24.90	-159.43	23.28	-18.96
16(17)	16	TOP	15.07	27.89	-160.97	66.57	-33.27
	16	BOT	-15.07	-27.89	-160.97	25.47	-16.48
16(18)	16	TOP	15.08	21.89	-159.51	51.18	-33.27
	16	BOT	-15.08	-21.89	-159.51	21.05	-16.48
16(19)	16	TOP	16.80	25.65	-187.38	64.26	-59.73
	16	BOT	-16.80	-25.65	-187.38	20.38	6.50
16(20)	16	TOP	12.02	25.61	-167.41	64.05	-8.86
	16	BOT	-12.02	-25.61	-167.41	20.47	-33.00
16(21)	16	TOP	14.39	50.34	-182.99	121.42	-34.28
	16	BOT	-14.39	-50.34	-182.99	44.84	-13.24
16(22)	16	TOP	14.42	0.92	-171.79	6.89	-34.33
	16	BOT	-14.42	-0.92	-171.79	-3.99	-13.27
16(23)	16	TOP	14.40	21.38	-157.81	53.57	-54.01
	16	BOT	-14.40	-21.38	-157.81	16.98	8.71
16(24)	16	TOP	9.62	21.34	-137.84	53.36	-3.15
	16	BOT	-9.62	-21.34	-137.84	17.06	-30.79
16(25)	16	TOP	11.99	46.07	-153.43	110.73	-28.55
	16	BOT	-11.99	-46.07	-153.43	41.44	-11.03
16(26)	16	TOP	12.02	-3.36	-142.23	-3.81	-28.61
	16	BOT	-12.02	3.36	-142.23	-7.40	-11.06

17(1)	17	TOP	-17.24	-27.50	-192.12	-68.23	36.80
	17	BOT	17.24	27.50	-192.12	-22.52	20.09
17(2)	17	TOP	-15.45	-23.92	-164.37	-58.55	32.23
	17	BOT	15.45	23.92	-164.37	-20.39	18.75
17(3)	17	TOP	-10.90	-21.47	-165.56	-58.08	24.98
	17	BOT	10.90	21.47	-165.56	-12.78	10.98
17(4)	17	TOP	-10.58	-21.45	-167.45	-58.06	29.77
	17	BOT	10.58	21.45	-167.45	-12.74	5.13
17(5)	17	TOP	-10.78	-17.94	-165.64	-49.03	27.42
	17	BOT	10.78	17.94	-165.64	-10.18	8.15
17(6)	17	TOP	-10.70	-24.99	-167.37	-67.11	27.33
	17	BOT	10.70	24.99	-167.37	-15.35	7.96
17(7)	17	TOP	-9.11	-17.90	-137.81	-48.40	20.42
	17	BOT	9.11	17.90	-137.81	-10.66	9.63
17(8)	17	TOP	-8.79	-17.88	-139.70	-48.38	25.21
	17	BOT	8.79	17.88	-139.70	-10.61	3.79
17(9)	17	TOP	-8.99	-14.36	-137.89	-39.35	22.86
	17	BOT	8.99	14.36	-137.89	-8.05	6.80
17(10)	17	TOP	-8.91	-21.41	-139.61	-57.43	22.77
	17	BOT	8.91	21.41	-139.61	-13.22	6.62
17(11)	17	TOP	-16.40	-26.60	-187.47	-66.72	33.35
	17	BOT	16.40	26.60	-187.47	-21.07	20.77
17(12)	17	TOP	-16.13	-26.59	-189.08	-66.70	37.42
	17	BOT	16.13	26.59	-189.08	-21.04	15.80
17(13)	17	TOP	-16.30	-23.60	-187.54	-59.03	35.42
	17	BOT	16.30	23.60	-187.54	-18.86	18.36
17(14)	17	TOP	-16.23	-29.59	-189.01	-74.39	35.35
	17	BOT	16.23	29.59	-189.01	-23.25	18.21
17(15)	17	TOP	-14.61	-23.03	-159.72	-57.04	28.79
	17	BOT	14.61	23.03	-159.72	-18.95	19.42
17(16)	17	TOP	-14.34	-23.01	-161.33	-57.02	32.85
	17	BOT	14.34	23.01	-161.33	-18.91	14.46
17(17)	17	TOP	-14.51	-20.02	-159.79	-49.35	30.86
	17	BOT	14.51	20.02	-159.79	-16.73	17.02

17(18)	17	TOP	-14.44	-26.01	-161.26	-64.71	30.76
	17	BOT	14.44	26.01	-161.26	-21.13	16.86
17(19)	17	TOP	-11.14	-24.26	-167.55	-62.74	5.99
	17	BOT	11.14	24.26	-167.55	-17.32	32.97
17(20)	17	TOP	-15.91	-23.84	-187.41	-82.11	56.84
	17	BOT	15.91	23.84	-187.41	-16.56	-6.54
17(21)	17	TOP	-13.75	1.59	-171.68	-3.49	31.65
	17	BOT	13.75	-1.59	-171.68	8.85	13.72
17(22)	17	TOP	-13.29	-49.69	-183.28	-121.36	31.17
	17	BOT	13.29	49.69	-183.28	-42.74	12.70
17(23)	17	TOP	-8.88	-20.25	-137.97	-52.33	0.76
	17	BOT	8.88	20.25	-137.97	-14.50	30.76
17(24)	17	TOP	-13.66	-19.83	-157.83	-51.71	51.60
	17	BOT	13.66	19.83	-157.83	-13.74	-8.74
17(25)	17	TOP	-11.50	5.59	-142.10	6.91	26.42
	17	BOT	11.50	-5.59	-142.10	11.87	11.52
17(26)	17	TOP	-11.04	-45.68	-153.70	-110.95	25.94
	17	BOT	11.04	45.68	-153.70	-39.91	10.50

18(1)	18	TOP	2.39	-40.95	-291.20	-98.37	-3.60
	18	BOT	-2.39	40.95	-291.20	-36.76	-4.29
18(2)	18	TOP	2.27	-36.07	-251.31	-85.39	-3.18
	18	BOT	-2.27	36.07	-251.31	-33.63	-4.32
18(3)	18	TOP	2.45	-29.30	-239.34	-77.92	-7.11
	18	BOT	-2.45	29.30	-239.34	-18.77	-0.98
18(4)	18	TOP	-1.05	-29.30	-239.30	-77.93	2.08
	18	BOT	1.05	29.30	-239.30	-18.77	1.39
18(5)	18	TOP	0.70	-25.78	-238.45	-88.89	-2.52
	18	BOT	-0.70	25.78	-238.45	-16.18	0.20
18(6)	18	TOP	0.70	-32.82	-240.18	-86.97	-2.52
	18	BOT	-0.70	32.82	-240.18	-21.36	0.21
18(7)	18	TOP	2.33	-24.42	-199.45	-64.94	-6.69
	18	BOT	-2.33	24.42	-199.45	-15.64	-1.01
18(8)	18	TOP	-1.17	-24.42	-199.41	-64.94	2.50
	18	BOT	1.17	24.42	-199.41	-15.64	1.35
18(9)	18	TOP	0.59	-20.89	-198.57	-55.90	-2.10
	18	BOT	-0.59	20.89	-198.57	-13.05	0.16
18(10)	18	TOP	0.58	-27.94	-200.29	-73.98	-2.10
	18	BOT	-0.58	27.94	-200.29	-18.23	0.18
18(11)	18	TOP	3.62	-39.20	-283.44	-95.31	-7.34
	18	BOT	-3.62	39.20	-283.44	-34.06	-4.62
18(12)	18	TOP	0.65	-39.20	-283.40	-95.31	0.46
	18	BOT	-0.65	39.20	-283.40	-34.06	-2.61
18(13)	18	TOP	2.14	-36.21	-282.69	-87.62	-3.44
	18	BOT	-2.14	36.21	-282.69	-31.86	-3.62
18(14)	18	TOP	2.14	-42.20	-284.15	-102.99	-3.44
	18	BOT	-2.14	42.20	-284.15	-36.26	-3.61
18(15)	18	TOP	3.51	-34.32	-243.55	-82.32	-6.92
	18	BOT	-3.51	34.32	-243.55	-30.93	-4.65
18(16)	18	TOP	0.53	-34.32	-243.51	-82.32	0.88
	18	BOT	-0.53	34.32	-243.51	-30.94	-2.64
18(17)	18	TOP	2.02	-31.32	-242.80	-74.63	-3.02
	18	BOT	-2.02	31.32	-242.80	-28.74	-3.65
18(18)	18	TOP	2.02	-37.31	-244.26	-90.00	-3.02
	18	BOT	-2.02	37.31	-244.26	-33.13	-3.64
18(19)	18	TOP	21.33	-34.37	-262.06	-86.82	-50.31
	18	BOT	-21.33	34.37	-262.06	-26.58	-20.22
18(20)	18	TOP	-18.48	-34.22	-261.05	-86.55	44.35
	18	BOT	18.48	34.22	-261.05	-26.38	16.78
18(21)	18	TOP	1.47	-8.79	-255.79	-28.00	-3.05
	18	BOT	-1.47	8.79	-255.79	-0.88	-1.80
18(22)	18	TOP	1.38	-59.80	-267.31	-145.38	-2.92
	18	BOT	-1.38	59.80	-267.31	-52.08	-1.64
18(23)	18	TOP	21.10	-28.65	-218.47	-72.38	-49.82
	18	BOT	-21.10	28.65	-218.47	-22.17	-19.93
18(24)	18	TOP	-18.72	-28.51	-217.46	-72.10	44.85

	18	BOT	18.72	28.51	-217.46	-21.96	17.06
18(25)	18	TOP	1.23	-3.07	-212.20	-13.55	-2.55
	18	BOT	-1.23	3.07	-212.20	3.53	-1.51
18(26)	18	TOP	1.14	-54.08	-223.72	-130.93	-2.42
	18	BOT	-1.14	54.08	-223.72	-47.66	-1.35

19(1)	19	TOP	-0.31	-42.79	-286.82	-99.35	0.51
	19	BOT	0.31	42.79	-286.82	-41.85	0.52
19(2)	19	TOP	-0.28	-37.88	-247.59	-86.36	0.43
	19	BOT	0.28	37.88	-247.59	-38.65	0.50
19(3)	19	TOP	1.45	-29.44	-235.41	-77.95	-4.03
	19	BOT	-1.45	29.44	-235.41	-19.18	-0.75
19(4)	19	TOP	-1.80	-29.44	-235.38	-77.95	4.99
	19	BOT	1.80	29.44	-235.38	-19.19	0.96
19(5)	19	TOP	-0.18	-25.91	-234.53	-68.91	0.48
	19	BOT	0.18	25.91	-234.53	-16.60	0.10
19(6)	19	TOP	-0.18	-32.96	-236.25	-86.99	0.48
	19	BOT	0.18	32.96	-236.25	-21.77	0.10
19(7)	19	TOP	1.48	-24.53	-196.17	-64.96	-4.11
	19	BOT	-1.48	24.53	-196.17	-15.99	-0.77
19(8)	19	TOP	-1.77	-24.53	-196.14	-64.96	4.91
	19	BOT	1.77	24.53	-196.14	-15.99	0.94
19(9)	19	TOP	-0.15	-21.00	-195.30	-55.92	0.40
	19	BOT	0.15	21.00	-195.30	-13.40	0.09
19(10)	19	TOP	-0.15	-28.05	-197.02	-74.00	0.40
	19	BOT	0.15	28.05	-197.02	-18.58	0.08
19(11)	19	TOP	1.09	-40.78	-279.12	-96.14	-3.33
	19	BOT	-1.09	40.78	-279.12	-38.45	-0.27
19(12)	19	TOP	-1.67	-40.78	-279.10	-96.14	4.34
	19	BOT	1.67	40.78	-279.10	-38.45	1.18
19(13)	19	TOP	-0.29	-37.79	-278.38	-88.46	0.51
	19	BOT	0.29	37.79	-278.38	-36.25	0.46
19(14)	19	TOP	-0.29	-43.78	-279.84	-103.83	0.51
	19	BOT	0.29	43.78	-279.84	-40.65	0.45
19(15)	19	TOP	1.12	-35.88	-239.89	-83.15	-3.41
	19	BOT	-1.12	35.88	-239.89	-35.25	-0.29
19(16)	19	TOP	-1.64	-35.88	-239.86	-83.15	4.26
	19	BOT	1.64	35.88	-239.86	-35.25	1.17
19(17)	19	TOP	-0.26	-32.88	-239.15	-75.46	0.43
	19	BOT	0.26	32.88	-239.15	-33.05	0.44
19(18)	19	TOP	-0.26	-38.87	-240.61	-90.83	0.43
	19	BOT	0.26	38.87	-240.61	-37.45	0.44
19(19)	19	TOP	18.48	-35.20	-257.54	-87.20	-45.85
	19	BOT	-18.48	35.20	-257.54	-28.97	-15.32
19(20)	19	TOP	-18.95	-35.11	-257.33	-87.05	46.84
	19	BOT	18.95	35.11	-257.33	-28.83	15.88
19(21)	19	TOP	-0.21	-9.78	-251.70	-28.67	0.44
	19	BOT	0.21	9.78	-251.70	-3.50	0.25
19(22)	19	TOP	-0.26	-60.53	-263.17	-145.58	0.54
	19	BOT	0.26	60.53	-263.17	-54.30	0.31
19(23)	19	TOP	18.52	-29.34	-214.63	-72.68	-45.93
	19	BOT	-18.52	29.34	-214.63	-24.15	-15.37
19(24)	19	TOP	-18.91	-29.25	-214.42	-72.53	46.76
	19	BOT	18.91	29.25	-214.42	-24.01	15.84
19(25)	19	TOP	-0.17	-3.93	-208.79	-14.15	0.36
	19	BOT	0.17	3.93	-208.79	1.32	0.20
19(26)	19	TOP	-0.22	-54.67	-220.26	-131.06	0.46
	19	BOT	0.22	54.67	-220.26	-49.48	0.27

20(1)	20	TOP	-0.15	-42.24	-287.18	-99.35	0.25
	20	BOT	0.15	42.24	-287.18	-40.04	0.26
20(2)	20	TOP	-0.14	-37.28	-247.85	-86.28	0.23
	20	BOT	0.14	37.28	-247.85	-36.75	0.23
20(3)	20	TOP	1.55	-29.74	-236.02	-78.42	-4.41
	20	BOT	-1.55	29.74	-236.02	-19.73	-0.72
20(4)	20	TOP	-1.71	-29.74	-236.03	-78.42	4.60

	20	BOT	1.71	29.74	-236.03	-19.73	1.04
20(5)	20	TOP	-0.08	-26.22	-235.16	-69.37	0.09
	20	BOT	0.08	26.22	-235.16	-17.14	0.16
20(6)	20	TOP	-0.08	-33.27	-236.88	-87.46	0.09
	20	BOT	0.08	33.27	-236.88	-22.32	0.16
20(7)	20	TOP	1.57	-24.78	-196.68	-85.35	-4.43
	20	BOT	-1.57	24.78	-196.68	-16.44	-0.75
20(8)	20	TOP	-1.70	-24.79	-196.69	-65.35	4.58
	20	BOT	1.70	24.79	-196.69	-16.44	1.02
20(9)	20	TOP	-0.06	-21.26	-195.82	-56.30	0.08
	20	BOT	0.06	21.26	-195.82	-13.85	0.14
20(10)	20	TOP	-0.06	-28.31	-197.55	-74.39	0.08
	20	BOT	0.06	28.31	-197.55	-19.03	0.13
20(11)	20	TOP	1.25	-40.37	-279.51	-96.21	-3.61
	20	BOT	-1.25	40.37	-279.51	-36.99	-0.51
20(12)	20	TOP	-1.53	-40.37	-279.51	-96.21	4.05
	20	BOT	1.53	40.37	-279.51	-36.99	0.99
20(13)	20	TOP	-0.14	-37.37	-278.78	-88.52	0.22
	20	BOT	0.14	37.37	-278.78	-34.79	0.24
20(14)	20	TOP	-0.14	-43.36	-280.24	-103.90	0.22
	20	BOT	0.14	43.36	-280.24	-39.20	0.24
20(15)	20	TOP	1.26	-35.41	-240.17	-83.14	-3.62
	20	BOT	-1.26	35.41	-240.17	-33.71	-0.53
20(16)	20	TOP	-1.52	-35.41	-240.18	-83.14	4.04
	20	BOT	1.52	35.41	-240.18	-33.71	0.97
20(17)	20	TOP	-0.13	-32.41	-239.44	-75.46	0.21
	20	BOT	0.13	32.41	-239.44	-31.50	0.22
20(18)	20	TOP	-0.13	-38.41	-240.90	-90.83	0.21
	20	BOT	0.13	38.41	-240.90	-35.91	0.22
20(19)	20	TOP	18.66	-35.11	-257.92	-87.42	-46.15
	20	BOT	-18.66	35.11	-257.92	-28.46	-15.62
20(20)	20	TOP	-18.88	-35.08	-257.98	-87.36	46.47
	20	BOT	18.88	35.08	-257.98	-28.41	16.02
20(21)	20	TOP	-0.08	-9.86	-252.24	-29.17	0.11
	20	BOT	0.08	9.86	-252.24	-3.23	0.17
20(22)	20	TOP	-0.14	-60.34	-263.66	-145.61	0.21
	20	BOT	0.14	60.34	-263.66	-53.64	0.24
20(23)	20	TOP	18.68	-29.26	-214.93	-72.85	-46.18
	20	BOT	-18.68	29.26	-214.93	-23.72	-15.65
20(24)	20	TOP	-18.87	-29.23	-214.98	-72.80	46.44
	20	BOT	18.87	29.23	-214.98	-23.67	15.99
20(25)	20	TOP	-0.07	-4.01	-209.24	-14.61	0.08
	20	BOT	0.07	4.01	-209.24	1.51	0.13
20(26)	20	TOP	-0.12	-54.49	-220.67	-131.04	0.18
	20	BOT	0.12	54.49	-220.67	-48.90	0.21

21(1)	21	TOP	-0.19	-42.65	-287.30	-100.02	0.34
	21	BOT	0.19	42.65	-287.30	-40.73	0.28
21(2)	21	TOP	-0.17	-37.64	-247.95	-86.87	0.31
	21	BOT	0.17	37.64	-247.95	-37.35	0.26
21(3)	21	TOP	1.53	-30.05	-236.09	-78.90	-4.30
	21	BOT	-1.53	30.05	-236.09	-20.27	-0.74
21(4)	21	TOP	-1.73	-30.05	-236.08	-78.90	4.70
	21	BOT	1.73	30.05	-236.08	-20.27	1.02
21(5)	21	TOP	-0.10	-26.53	-235.22	-69.86	0.20
	21	BOT	0.10	26.53	-235.22	-17.68	0.14
21(6)	21	TOP	-0.10	-33.58	-236.95	-87.95	0.20
	21	BOT	0.10	33.58	-236.95	-22.87	0.14
21(7)	21	TOP	1.55	-25.04	-196.74	-65.75	-4.34
	21	BOT	-1.55	25.04	-196.74	-16.89	-0.76
21(8)	21	TOP	-1.72	-25.04	-196.73	-65.75	4.67
	21	BOT	1.72	25.04	-196.73	-16.89	1.00
21(9)	21	TOP	-0.09	-21.52	-195.88	-56.71	0.17
	21	BOT	0.09	21.52	-195.88	-14.30	0.12
21(10)	21	TOP	-0.08	-28.57	-197.60	-74.80	0.16
	21	BOT	0.08	28.57	-197.60	-19.49	0.12

21(11)	21	TOP	1.21	-40.76	-279.62	-96.85	-3.51
	21	BOT	-1.21	40.76	-279.62	-37.66	-0.49
21(12)	21	TOP	-1.56	-40.76	-279.62	-96.85	4.15
	21	BOT	1.56	40.76	-279.62	-37.66	1.01
21(13)	21	TOP	-0.18	-37.76	-278.89	-89.16	0.32
	21	BOT	0.18	37.76	-278.89	-35.45	0.26
21(14)	21	TOP	-0.17	-43.76	-280.35	-104.54	0.32
	21	BOT	0.17	43.76	-280.35	-39.86	0.26
21(15)	21	TOP	1.23	-35.75	-240.28	-83.70	-3.54
	21	BOT	-1.23	35.75	-240.28	-34.28	-0.51
21(16)	21	TOP	-1.54	-35.75	-240.27	-83.70	4.12
	21	BOT	1.54	35.75	-240.27	-34.28	0.98
21(17)	21	TOP	-0.16	-32.75	-239.54	-76.01	0.29
	21	BOT	0.16	32.75	-239.54	-32.08	0.24
21(18)	21	TOP	-0.16	-38.75	-241.00	-91.39	0.29
	21	BOT	0.16	38.75	-241.00	-36.48	0.23
21(19)	21	TOP	18.64	-35.44	-258.06	-87.93	-46.05
	21	BOT	-18.64	35.44	-258.06	-29.02	-15.62
21(20)	21	TOP	-18.91	-35.47	-258.01	-87.98	46.57
	21	BOT	18.91	35.47	-258.01	-29.06	16.02
21(21)	21	TOP	-0.11	-10.34	-252.35	-29.97	0.21
	21	BOT	0.11	10.34	-252.35	-4.03	0.16
21(22)	21	TOP	-0.17	-60.56	-263.72	-145.94	0.31
	21	BOT	0.17	60.56	-263.72	-54.05	0.23
21(23)	21	TOP	18.66	-29.53	-215.06	-73.27	-46.09
	21	BOT	-18.66	29.53	-215.06	-24.18	-15.66
21(24)	21	TOP	-18.89	-29.56	-215.00	-73.32	46.53
	21	BOT	18.89	29.56	-215.00	-24.22	15.99
21(25)	21	TOP	-0.09	-4.43	-209.34	-15.31	0.17
	21	BOT	0.09	4.43	-209.34	0.81	0.13
21(26)	21	TOP	-0.14	-54.65	-220.72	-131.28	0.27
	21	BOT	0.14	54.65	-220.72	-49.21	0.20

22(1)	22	TOP	-0.07	-43.06	-286.78	-100.67	-0.08
	22	BOT	0.07	43.06	-286.78	-41.43	0.31
22(2)	22	TOP	-0.07	-38.00	-247.52	-87.44	-0.04
	22	BOT	0.07	38.00	-247.52	-37.96	0.28
22(3)	22	TOP	1.63	-30.36	-235.52	-79.39	-4.74
	22	BOT	-1.63	30.36	-235.52	-20.81	-0.65
22(4)	22	TOP	-1.62	-30.36	-235.55	-79.39	4.28
	22	BOT	1.62	30.36	-235.55	-20.81	1.06
22(5)	22	TOP	0.01	-26.83	-234.67	-70.34	-0.23
	22	BOT	-0.01	26.83	-234.67	-18.21	0.20
22(6)	22	TOP	0.01	-33.89	-236.40	-88.44	-0.23
	22	BOT	-0.01	33.89	-236.40	-23.40	0.20
22(7)	22	TOP	1.63	-25.30	-196.26	-66.16	-4.70
	22	BOT	-1.63	25.30	-196.26	-17.34	-0.69
22(8)	22	TOP	-1.62	-25.30	-196.29	-66.16	4.32
	22	BOT	1.62	25.30	-196.29	-17.34	1.03
22(9)	22	TOP	0.01	-21.77	-195.42	-57.11	-0.19
	22	BOT	-0.01	21.77	-195.42	-14.75	0.17
22(10)	22	TOP	0.01	-28.83	-197.14	-75.21	-0.19
	22	BOT	-0.01	28.83	-197.14	-19.93	0.17
22(11)	22	TOP	1.32	-41.15	-279.08	-97.48	-3.93
	22	BOT	-1.32	41.15	-279.08	-38.33	-0.43
22(12)	22	TOP	-1.44	-41.15	-279.10	-97.47	3.73
	22	BOT	1.44	41.15	-279.10	-38.34	1.02
22(13)	22	TOP	-0.06	-38.16	-278.36	-89.78	-0.10
	22	BOT	0.06	38.16	-278.36	-36.13	0.30
22(14)	22	TOP	-0.06	-44.15	-279.82	-105.17	-0.10
	22	BOT	0.06	44.15	-279.82	-40.54	0.30
22(15)	22	TOP	1.32	-36.09	-239.82	-84.24	-3.90
	22	BOT	-1.32	36.09	-239.82	-34.87	-0.47
22(16)	22	TOP	-1.44	-36.09	-239.85	-84.24	3.77
	22	BOT	1.44	36.09	-239.85	-34.87	0.99
22(17)	22	TOP	-0.06	-33.10	-239.10	-76.55	-0.06

	22	BOT	0.06	33.10	-239.10	-32.66	0.26
22(18)	22	TOP	-0.06	-39.09	-240.57	-91.94	-0.06
	22	BOT	0.06	39.09	-240.57	-37.07	0.26
22(19)	22	TOP	18.69	-35.76	-257.39	-88.43	-46.51
	22	BOT	-18.69	35.76	-257.39	-29.57	-15.35
22(20)	22	TOP	-18.74	-35.85	-257.60	-88.58	46.18
	22	BOT	18.74	35.85	-257.60	-29.72	15.85
22(21)	22	TOP	0.00	-10.82	-251.83	-30.76	-0.21
	22	BOT	0.00	10.82	-251.83	-4.83	0.22
22(22)	22	TOP	-0.05	-60.78	-263.16	-146.25	-0.11
	22	BOT	0.05	60.78	-263.16	-54.46	0.29
22(23)	22	TOP	18.70	-29.79	-214.47	-73.68	-46.48
	22	BOT	-18.70	29.79	-214.47	-24.63	-15.40
22(24)	22	TOP	-18.74	-29.88	-214.69	-73.83	46.21
	22	BOT	18.74	29.88	-214.69	-24.78	15.81
22(25)	22	TOP	0.00	-4.86	-208.92	-16.01	-0.19
	22	BOT	0.00	4.86	-208.92	0.11	0.17
22(26)	22	TOP	-0.05	-54.82	-220.24	-131.50	-0.09
	22	BOT	0.05	54.82	-220.24	-49.52	0.24

23(1)	23	TOP	-1.24	-43.25	-292.19	-100.70	3.43
	23	BOT	1.24	43.25	-292.19	-42.04	0.65
23(2)	23	TOP	-1.07	-38.17	-252.11	-87.46	2.91
	23	BOT	1.07	38.17	-252.11	-38.49	0.62
23(3)	23	TOP	0.77	-30.54	-240.51	-79.44	-1.48
	23	BOT	-0.77	30.54	-240.51	-21.33	-1.06
23(4)	23	TOP	-2.73	-30.54	-240.55	-79.44	7.70
	23	BOT	2.73	30.54	-240.55	-21.33	1.31
23(5)	23	TOP	-0.98	-27.01	-239.66	-70.39	3.11
	23	BOT	0.98	27.01	-239.66	-18.74	0.13
23(6)	23	TOP	-0.98	-34.07	-241.39	-88.49	3.11
	23	BOT	0.98	34.07	-241.39	-23.93	0.12
23(7)	23	TOP	0.93	-25.45	-200.42	-66.20	-2.00
	23	BOT	-0.93	25.45	-200.42	-17.78	-1.08
23(8)	23	TOP	-2.57	-25.45	-200.46	-66.20	7.18
	23	BOT	2.57	25.45	-200.46	-17.77	1.28
23(9)	23	TOP	-0.82	-21.92	-199.58	-57.16	2.59
	23	BOT	0.82	21.92	-199.58	-15.18	0.10
23(10)	23	TOP	-0.82	-28.98	-201.30	-75.25	2.59
	23	BOT	0.82	28.98	-201.30	-20.37	0.10
23(11)	23	TOP	0.29	-41.35	-284.43	-97.51	-0.52
	23	BOT	-0.29	41.35	-284.43	-38.94	-0.44
23(12)	23	TOP	-2.68	-41.35	-284.46	-97.51	7.29
	23	BOT	2.68	41.35	-284.46	-38.94	1.57
23(13)	23	TOP	-1.20	-38.35	-283.71	-89.81	3.38
	23	BOT	1.20	38.35	-283.71	-36.73	0.57
23(14)	23	TOP	-1.20	-44.35	-285.18	-105.20	3.38
	23	BOT	1.20	44.35	-285.18	-41.14	0.57
23(15)	23	TOP	0.45	-36.26	-244.34	-84.27	-1.04
	23	BOT	-0.45	36.26	-244.34	-35.38	-0.46
23(16)	23	TOP	-2.52	-36.26	-244.37	-84.27	6.77
	23	BOT	2.52	36.26	-244.37	-35.38	1.55
23(17)	23	TOP	-1.03	-33.26	-243.62	-76.57	2.87
	23	BOT	1.03	33.26	-243.62	-33.18	0.55
23(18)	23	TOP	-1.03	-39.26	-245.09	-91.96	2.86
	23	BOT	1.03	39.26	-245.09	-37.59	0.55
23(19)	23	TOP	18.82	-35.92	-262.16	-88.42	-44.08
	23	BOT	-18.82	35.92	-262.16	-30.11	-18.15
23(20)	23	TOP	-21.00	-36.06	-263.18	-88.68	50.58
	23	BOT	21.00	36.06	-263.18	-30.31	18.85
23(21)	23	TOP	-1.06	-11.14	-257.03	-31.04	3.20
	23	BOT	1.06	11.14	-257.03	-5.59	0.31
23(22)	23	TOP	-1.12	-60.84	-268.31	-146.06	3.30
	23	BOT	1.12	60.84	-268.31	-54.83	0.39
23(23)	23	TOP	19.00	-29.92	-218.39	-73.86	-44.62
	23	BOT	-19.00	29.92	-218.39	-25.07	-18.21

23(24)	23	TOP	-20.82	-30.06	-219.40	-73.92	50.04
	23	BOT	20.82	30.06	-219.40	-25.28	18.79
23(25)	23	TOP	-0.88	-5.14	-213.25	-16.28	2.66
	23	BOT	0.88	5.14	-213.25	-0.56	0.25
23(26)	23	TOP	-0.94	-54.84	-224.53	-131.30	2.76
	23	BOT	0.94	54.84	-224.53	-49.79	0.33

24(1)	24	TOP	18.05	-30.07	-192.15	-71.92	-39.92
	24	BOT	-18.05	30.07	-192.15	-27.32	-19.64
24(2)	24	TOP	16.08	-26.17	-164.35	-61.79	-34.86
	24	BOT	-16.08	26.17	-164.35	-24.58	-18.20
24(3)	24	TOP	11.67	-23.40	-167.75	-60.77	-32.74
	24	BOT	-11.67	23.40	-167.75	-16.44	-5.76
24(4)	24	TOP	11.99	-23.42	-165.85	-60.78	-27.95
	24	BOT	-11.99	23.42	-165.85	-16.49	-11.61
24(5)	24	TOP	11.83	-19.88	-165.94	-51.72	-30.35
	24	BOT	-11.83	19.88	-165.94	-13.87	-8.68
24(6)	24	TOP	11.83	-26.94	-167.66	-69.83	-30.35
	24	BOT	-11.83	26.94	-167.66	-19.06	-8.69
24(7)	24	TOP	9.70	-19.50	-139.95	-50.64	-27.68
	24	BOT	-9.70	19.50	-139.95	-13.70	-4.32
24(8)	24	TOP	10.02	-19.51	-138.05	-50.65	-22.90
	24	BOT	-10.02	19.51	-138.05	-13.74	-10.16
24(9)	24	TOP	9.86	-15.97	-138.14	-41.59	-25.29
	24	BOT	-9.86	15.97	-138.14	-11.12	-7.24
24(10)	24	TOP	9.86	-23.04	-139.86	-59.70	-25.29
	24	BOT	-9.86	23.04	-139.86	-16.32	-7.24
24(11)	24	TOP	16.98	-29.07	-189.16	-70.25	-40.52
	24	BOT	-16.98	29.07	-189.16	-25.68	-15.52
24(12)	24	TOP	17.25	-29.08	-187.54	-70.25	-36.45
	24	BOT	-17.25	29.08	-187.54	-25.72	-20.48
24(13)	24	TOP	17.12	-26.07	-187.62	-62.55	-38.48
	24	BOT	-17.12	26.07	-187.62	-23.49	-18.00
24(14)	24	TOP	17.12	-32.08	-189.08	-77.95	-38.49
	24	BOT	-17.12	32.08	-189.08	-27.90	-18.00
24(15)	24	TOP	15.01	-25.17	-161.36	-60.12	-35.46
	24	BOT	-15.01	25.17	-161.36	-22.93	-14.07
24(16)	24	TOP	15.28	-25.18	-159.74	-60.12	-31.39
	24	BOT	-15.28	25.18	-159.74	-22.97	-19.04
24(17)	24	TOP	15.15	-22.17	-159.82	-52.42	-33.43
	24	BOT	-15.15	22.17	-159.82	-20.74	-16.55
24(18)	24	TOP	15.15	-28.17	-161.28	-67.82	-33.43
	24	BOT	-15.15	28.17	-161.28	-25.16	-16.55
24(19)	24	TOP	16.88	-26.07	-187.61	-65.30	-59.87
	24	BOT	-16.88	26.07	-187.61	-20.75	6.38
24(20)	24	TOP	12.11	-26.45	-167.72	-65.81	-9.03
	24	BOT	-12.11	26.45	-167.72	-21.49	-33.14
24(21)	24	TOP	14.50	-1.55	-172.06	-8.28	-34.48
	24	BOT	-14.50	1.55	-172.06	3.30	-13.39
24(22)	24	TOP	14.48	-50.98	-183.26	-122.82	-34.42
	24	BOT	-14.48	50.98	-183.26	-45.54	-13.37
24(23)	24	TOP	14.46	-21.70	-158.00	-54.37	-54.13
	24	BOT	-14.46	21.70	-158.00	-17.23	8.61
24(24)	24	TOP	9.69	-22.08	-138.11	-54.88	-3.29
	24	BOT	-9.69	22.08	-138.11	-17.97	-30.91
24(25)	24	TOP	12.09	2.83	-142.45	2.64	-28.73
	24	BOT	-12.09	-2.83	-142.45	6.82	-11.16
24(26)	24	TOP	12.07	-46.60	-153.65	-111.90	-28.68
	24	BOT	-12.07	46.60	-153.65	-42.02	-11.14

25(1)	25	TOP	-10.71	36.03	-156.32	84.71	23.19
	25	BOT	10.71	-36.03	-156.32	34.20	12.15
25(2)	25	TOP	-9.53	31.36	-133.17	72.84	20.14
	25	BOT	9.53	-31.36	-133.17	30.64	11.30
25(3)	25	TOP	-6.89	28.15	-137.56	71.34	15.00
	25	BOT	6.89	-28.15	-137.56	21.54	7.75

25(4)	25	TOP	-7.31	27.93	-140.25	71.06	21.66
	25	BOT	7.31	-27.93	-140.25	21.11	2.48
25(5)	25	TOP	-7.03	30.19	-140.98	78.45	18.24
	25	BOT	7.03	-30.19	-140.98	21.19	4.94
25(6)	25	TOP	-7.18	25.89	-136.83	63.95	18.42
	25	BOT	7.18	-25.89	-136.83	21.47	5.29
25(7)	25	TOP	-5.71	23.47	-114.41	59.48	11.95
	25	BOT	5.71	-23.47	-114.41	17.99	6.89
25(8)	25	TOP	-6.13	23.26	-117.10	59.20	18.60
	25	BOT	6.13	-23.26	-117.10	17.56	1.63
25(9)	25	TOP	-5.84	25.52	-117.83	66.58	15.19
	25	BOT	5.84	-25.52	-117.83	17.63	4.09
25(10)	25	TOP	-6.00	21.21	-113.68	52.09	15.36
	25	BOT	6.00	-21.21	-113.68	17.91	4.43
25(11)	25	TOP	-9.99	34.92	-152.56	82.80	19.63
	25	BOT	9.99	-34.92	-152.56	32.45	13.33
25(12)	25	TOP	-10.35	34.74	-154.85	82.56	25.29
	25	BOT	10.35	-34.74	-154.85	32.09	8.86
25(13)	25	TOP	-10.10	36.66	-155.47	88.84	22.39
	25	BOT	10.10	-36.66	-155.47	32.15	10.95
25(14)	25	TOP	-10.24	33.00	-151.94	76.52	22.54
	25	BOT	10.24	-33.00	-151.94	32.39	11.24
25(15)	25	TOP	-8.81	30.25	-129.41	70.93	16.58
	25	BOT	8.81	-30.25	-129.41	28.90	12.48
25(16)	25	TOP	-9.16	30.07	-131.70	70.70	22.23
	25	BOT	9.16	-30.07	-131.70	28.53	8.01
25(17)	25	TOP	-8.92	31.99	-132.32	76.98	19.33
	25	BOT	8.92	-31.99	-132.32	28.59	10.10
25(18)	25	TOP	-9.05	28.33	-128.79	64.66	19.48
	25	BOT	9.05	-28.33	-128.79	28.83	10.39
25(19)	25	TOP	-2.62	32.40	-132.16	78.24	-14.99
	25	BOT	2.62	-32.40	-132.16	28.69	24.93
25(20)	25	TOP	-14.68	30.53	-160.58	75.74	55.82
	25	BOT	14.68	-30.53	-160.58	25.00	-8.67
25(21)	25	TOP	-8.06	48.94	-159.88	124.66	19.59
	25	BOT	8.06	-48.94	-159.88	37.40	7.00
25(22)	25	TOP	-9.24	13.99	-132.85	29.32	21.24
	25	BOT	9.24	-13.99	-132.85	16.29	9.26
25(23)	25	TOP	-1.18	27.16	-107.76	65.41	-18.39
	25	BOT	1.18	-27.16	-107.76	24.21	23.58
25(24)	25	TOP	-13.24	25.28	-136.18	62.91	52.42
	25	BOT	13.24	-25.28	-136.18	20.53	-10.02
25(25)	25	TOP	-6.62	43.70	-135.49	111.83	16.19
	25	BOT	6.62	-43.70	-135.49	32.92	5.65
25(26)	25	TOP	-7.80	8.74	-108.46	16.49	17.84
	25	BOT	7.80	-8.74	-108.46	11.82	7.91

26(1)	26	TOP	2.76	48.51	-249.28	112.85	-4.22
	26	BOT	-2.76	-48.51	-249.28	47.24	-4.89
26(2)	26	TOP	2.60	42.79	-213.55	98.20	-3.76
	26	BOT	-2.60	-42.79	-213.55	43.00	-4.82
26(3)	26	TOP	3.23	34.35	-214.49	87.91	-8.62
	26	BOT	-3.23	-34.35	-214.49	25.43	-2.03
26(4)	26	TOP	-1.31	34.37	-214.25	87.94	3.10
	26	BOT	1.31	-34.37	-214.25	25.48	1.23
26(5)	26	TOP	0.95	36.51	-216.44	95.17	-2.74
	26	BOT	-0.95	-36.51	-216.44	25.32	-0.38
26(6)	26	TOP	0.96	32.20	-212.30	80.67	-2.77
	26	BOT	-0.96	-32.20	-212.30	25.59	-0.42
26(7)	26	TOP	3.07	28.62	-178.76	73.26	-8.16
	26	BOT	-3.07	-28.62	-178.76	21.19	-1.96
26(8)	26	TOP	-1.47	28.64	-178.52	73.28	3.56
	26	BOT	1.47	-28.64	-178.52	21.24	1.30
26(9)	26	TOP	0.79	30.79	-180.71	80.52	-2.29
	26	BOT	-0.79	-30.79	-180.71	21.08	-0.31
26(10)	26	TOP	0.81	26.47	-176.57	68.02	-2.31

	26	BOT	-0.81	-26.47	-176.57	21.35	-0.35
26(11)	26	TOP	4.42	46.38	-244.14	109.10	-8.98
	26	BOT	-4.42	-46.38	-244.14	43.95	-5.60
26(12)	26	TOP	0.56	46.40	-243.94	109.12	0.98
	26	BOT	-0.56	-46.40	-243.94	44.00	-2.83
26(13)	26	TOP	2.48	48.22	-245.80	115.28	-3.99
	26	BOT	-2.48	-48.22	-245.80	43.86	-4.20
26(14)	26	TOP	2.50	44.56	-242.28	102.95	-4.01
	26	BOT	-2.50	-44.56	-242.28	44.09	-4.23
26(15)	26	TOP	4.26	40.65	-208.42	94.45	-8.52
	26	BOT	-4.26	-40.65	-208.42	39.71	-5.53
26(16)	26	TOP	0.40	40.67	-208.21	94.47	1.44
	26	BOT	-0.40	-40.67	-208.21	39.76	-2.76
26(17)	26	TOP	2.32	42.50	-210.07	100.62	-3.53
	26	BOT	-2.32	-42.50	-210.07	39.62	-4.13
26(18)	26	TOP	2.34	38.83	-206.55	88.29	-3.55
	26	BOT	-2.34	-38.83	-206.55	39.85	-4.16
26(19)	26	TOP	26.93	40.23	-231.01	98.32	-63.63
	26	BOT	-26.93	-40.23	-231.01	34.44	-25.34
26(20)	26	TOP	-23.47	40.62	-227.65	98.89	56.86
	26	BOT	23.47	-40.62	-227.65	35.15	20.70
26(21)	26	TOP	1.90	57.80	-242.85	146.08	-3.74
	26	BOT	-1.90	-57.80	-242.85	45.21	-2.52
26(22)	26	TOP	1.56	23.05	-215.81	51.14	-3.03
	26	BOT	-1.56	-23.05	-215.81	24.38	-2.13
26(23)	26	TOP	26.64	33.49	-192.79	81.89	-63.07
	26	BOT	-26.64	-33.49	-192.79	28.64	-24.95
26(24)	26	TOP	-23.76	33.88	-189.43	82.45	57.43
	26	BOT	23.76	-33.88	-189.43	29.35	21.08
26(25)	26	TOP	1.61	51.06	-204.63	129.64	-3.17
	26	BOT	-1.61	-51.06	-204.63	39.41	-2.13
26(26)	26	TOP	1.27	16.31	-177.59	34.70	-2.47
	26	BOT	-1.27	-16.31	-177.59	18.58	-1.74

27(1)	27	TOP	0.97	51.54	-242.21	114.57	-0.92
	27	BOT	-0.97	-51.54	-242.21	55.51	-2.27
27(2)	27	TOP	0.94	45.83	-207.73	99.89	-0.90
	27	BOT	-0.94	-45.83	-207.73	51.33	-2.20
27(3)	27	TOP	2.30	34.28	-206.85	88.05	-5.85
	27	BOT	-2.30	-34.28	-206.85	25.08	-1.76
27(4)	27	TOP	-1.94	34.28	-206.83	88.05	5.57
	27	BOT	1.94	-34.28	-206.83	25.07	0.82
27(5)	27	TOP	0.18	36.44	-208.91	95.31	-0.13
	27	BOT	-0.18	-36.44	-208.91	24.94	-0.47
27(6)	27	TOP	0.19	32.12	-204.77	80.80	-0.14
	27	BOT	-0.19	-32.12	-204.77	25.21	-0.47
27(7)	27	TOP	2.27	28.57	-172.38	73.38	-5.82
	27	BOT	-2.27	-28.57	-172.38	20.90	-1.68
27(8)	27	TOP	-1.97	28.57	-172.36	73.38	5.59
	27	BOT	1.97	-28.57	-172.36	20.90	0.90
27(9)	27	TOP	0.15	30.73	-174.44	80.63	-0.11
	27	BOT	-0.15	-30.73	-174.44	20.76	-0.39
27(10)	27	TOP	0.16	26.41	-170.30	66.12	-0.12
	27	BOT	-0.16	-26.41	-170.30	21.03	-0.39
27(11)	27	TOP	2.65	48.95	-236.91	110.59	-5.66
	27	BOT	-2.65	-48.95	-236.91	50.95	-3.10
27(12)	27	TOP	-0.95	48.95	-236.89	110.59	4.05
	27	BOT	0.95	-48.95	-236.89	50.94	-0.91
27(13)	27	TOP	0.85	50.78	-238.66	116.76	-0.80
	27	BOT	-0.85	-50.78	-238.66	50.83	-2.00
27(14)	27	TOP	0.85	47.12	-235.14	104.43	-0.81
	27	BOT	-0.85	-47.12	-235.14	51.06	-2.01
27(15)	27	TOP	2.62	43.24	-202.44	95.92	-5.63
	27	BOT	-2.62	-43.24	-202.44	46.77	-3.02
27(16)	27	TOP	-0.98	43.24	-202.42	95.92	4.07
	27	BOT	0.98	-43.24	-202.42	46.76	-0.83

27(17)	27	TOP	0.82	45.07	-204.19	102.08	-0.78
	27	BOT	-0.82	-45.07	-204.19	46.65	-1.92
27(18)	27	TOP	0.82	41.40	-200.67	89.75	-0.79
	27	BOT	-0.82	-41.40	-200.67	46.88	-1.93
27(19)	27	TOP	24.27	41.65	-222.05	99.35	-59.06
	27	BOT	-24.27	-41.65	-222.05	38.08	-21.16
27(20)	27	TOP	-23.23	41.71	-221.95	99.48	58.11
	27	BOT	23.23	-41.71	-221.95	38.16	18.67
27(21)	27	TOP	0.72	58.94	-235.47	146.69	-0.86
	27	BOT	-0.72	-58.94	-235.47	48.38	-1.52
27(22)	27	TOP	0.32	24.41	-208.53	52.15	-0.09
	27	BOT	-0.32	-24.41	-208.53	27.86	-0.96
27(23)	27	TOP	24.18	34.70	-185.05	82.79	-58.98
	27	BOT	-24.18	-34.70	-185.05	31.72	-20.95
27(24)	27	TOP	-23.31	34.76	-184.95	82.91	58.19
	27	BOT	23.31	-34.76	-184.95	31.81	18.88
27(25)	27	TOP	0.63	52.00	-198.47	130.12	-0.78
	27	BOT	-0.63	-52.00	-198.47	42.03	-1.31
27(26)	27	TOP	0.23	17.47	-171.53	35.58	-0.01
	27	BOT	-0.23	-17.47	-171.53	21.51	-0.76

28(1)	28	TOP	0.23	51.40	-242.76	114.11	-0.50
	28	BOT	-0.23	-51.40	-242.76	55.50	-0.27
28(2)	28	TOP	0.19	45.73	-208.14	99.52	-0.41
	28	BOT	-0.19	-45.73	-208.14	51.40	-0.20
28(3)	28	TOP	2.42	33.99	-207.71	87.58	-6.24
	28	BOT	-2.42	-33.99	-207.71	24.58	-1.73
28(4)	28	TOP	-1.84	33.99	-207.72	87.58	5.17
	28	BOT	1.84	-33.99	-207.72	24.58	0.89
28(5)	28	TOP	0.29	36.14	-209.79	94.83	-0.53
	28	BOT	-0.29	-36.14	-209.79	24.45	-0.41
28(6)	28	TOP	0.29	31.83	-205.64	80.32	-0.54
	28	BOT	-0.29	-31.83	-205.64	24.71	-0.42
28(7)	28	TOP	2.37	28.32	-173.09	72.98	-6.16
	28	BOT	-2.37	-28.32	-173.09	20.48	-1.66
28(8)	28	TOP	-1.89	28.32	-173.10	72.98	5.26
	28	BOT	1.89	-28.32	-173.10	20.48	0.96
28(9)	28	TOP	0.24	30.48	-175.17	80.24	-0.44
	28	BOT	-0.24	-30.48	-175.17	20.35	-0.35
28(10)	28	TOP	0.24	26.16	-171.02	65.73	-0.45
	28	BOT	-0.24	-26.16	-171.02	20.62	-0.35
28(11)	28	TOP	2.05	48.79	-237.50	110.13	-5.36
	28	BOT	-2.05	-48.79	-237.50	50.86	-1.41
28(12)	28	TOP	-1.57	48.79	-237.51	110.13	4.35
	28	BOT	1.57	-48.79	-237.51	50.86	0.82
28(13)	28	TOP	0.24	50.62	-239.26	116.30	-0.50
	28	BOT	-0.24	-50.62	-239.26	50.75	-0.29
28(14)	28	TOP	0.24	46.95	-235.74	103.97	-0.51
	28	BOT	-0.24	-46.95	-235.74	50.98	-0.30
28(15)	28	TOP	2.00	43.12	-202.88	95.54	-5.27
	28	BOT	-2.00	-43.12	-202.88	46.76	-1.34
28(16)	28	TOP	-1.61	43.12	-202.89	95.54	4.44
	28	BOT	1.61	-43.12	-202.89	46.76	0.89
28(17)	28	TOP	0.19	44.96	-204.65	101.70	-0.41
	28	BOT	-0.19	-44.96	-204.65	46.65	-0.22
28(18)	28	TOP	0.20	41.29	-201.12	89.37	-0.42
	28	BOT	-0.20	-41.29	-201.12	46.88	-0.23
28(19)	28	TOP	24.09	41.44	-222.69	98.93	-59.15
	28	BOT	-24.09	-41.44	-222.69	37.81	-20.50
28(20)	28	TOP	-23.56	41.46	-222.78	98.97	58.11
	28	BOT	23.56	-41.46	-222.78	37.85	19.78
28(21)	28	TOP	0.47	58.61	-236.15	146.02	-0.91
	28	BOT	-0.47	-58.61	-236.15	47.95	-0.63
28(22)	28	TOP	0.07	24.29	-209.31	51.87	-0.14
	28	BOT	-0.07	-24.29	-209.31	27.72	-0.08
28(23)	28	TOP	24.05	34.53	-185.57	82.44	-59.06

	28	BOT	-24.05	-34.53	-185.57	31.51	-20.44
28(24)	28	TOP	-23.61	34.55	-185.66	82.48	58.19
	28	BOT	23.61	-34.55	-185.66	31.55	19.84
28(25)	28	TOP	0.42	51.70	-199.03	129.53	-0.82
	28	BOT	-0.42	-51.70	-199.03	41.64	-0.57
28(26)	28	TOP	0.02	17.38	-172.19	35.38	-0.05
	28	BOT	-0.02	-17.38	-172.19	21.41	-0.02

29(1)	29	TOP	0.29	51.03	-242.60	113.55	-0.45
	29	BOT	-0.29	-51.03	-242.60	54.85	-0.49
29(2)	29	TOP	0.24	45.41	-208.00	99.02	-0.38
	29	BOT	-0.24	-45.41	-208.00	50.84	-0.42
29(3)	29	TOP	2.38	33.71	-207.62	87.16	-6.12
	29	BOT	-2.38	-33.71	-207.62	24.09	-1.75
29(4)	29	TOP	-1.87	33.71	-207.61	87.16	5.30
	29	BOT	1.87	-33.71	-207.61	24.09	0.88
29(5)	29	TOP	0.25	35.87	-209.69	94.42	-0.40
	29	BOT	-0.25	-35.87	-209.69	23.96	-0.43
29(6)	29	TOP	0.26	31.56	-205.54	79.91	-0.41
	29	BOT	-0.26	-31.56	-205.54	24.23	-0.44
29(7)	29	TOP	2.34	28.10	-173.02	72.64	-6.05
	29	BOT	-2.34	-28.10	-173.02	20.08	-1.68
29(8)	29	TOP	-1.91	28.10	-173.01	72.64	5.37
	29	BOT	1.91	-28.10	-173.01	20.08	0.95
29(9)	29	TOP	0.21	30.25	-175.08	79.89	-0.33
	29	BOT	-0.21	-30.25	-175.08	19.95	-0.36
29(10)	29	TOP	0.22	25.94	-170.94	65.38	-0.34
	29	BOT	-0.22	-25.94	-170.94	20.21	-0.37
29(11)	29	TOP	2.09	48.43	-237.36	109.59	-5.30
	29	BOT	-2.09	-48.43	-237.36	50.24	-1.60
29(12)	29	TOP	-1.53	48.43	-237.35	109.59	4.41
	29	BOT	1.53	-48.43	-237.35	50.24	0.63
29(13)	29	TOP	0.28	50.27	-239.12	115.76	-0.44
	29	BOT	-0.28	-50.27	-239.12	50.13	-0.48
29(14)	29	TOP	0.28	46.60	-235.59	103.43	-0.45
	29	BOT	-0.28	-46.60	-235.59	50.35	-0.49
29(15)	29	TOP	2.05	42.81	-202.76	95.07	-5.23
	29	BOT	-2.05	-42.81	-202.76	46.22	-1.53
29(16)	29	TOP	-1.57	42.81	-202.75	95.07	4.48
	29	BOT	1.57	-42.81	-202.75	46.22	0.70
29(17)	29	TOP	0.24	44.65	-204.51	101.24	-0.37
	29	BOT	-0.24	-44.65	-204.51	46.11	-0.41
29(18)	29	TOP	0.24	40.98	-200.99	88.90	-0.38
	29	BOT	-0.24	-40.98	-200.99	46.34	-0.41
29(19)	29	TOP	24.10	41.15	-222.65	98.49	-59.05
	29	BOT	-24.10	-41.15	-222.65	37.30	-20.60
29(20)	29	TOP	-23.56	41.12	-222.56	98.45	58.20
	29	BOT	23.56	-41.12	-222.56	37.26	19.68
29(21)	29	TOP	0.47	58.19	-235.97	145.35	-0.81
	29	BOT	-0.47	-58.19	-235.97	47.25	-0.73
29(22)	29	TOP	0.07	24.08	-209.25	51.59	-0.04
	29	BOT	-0.07	-24.08	-209.25	27.30	-0.19
29(23)	29	TOP	24.05	34.29	-185.55	82.08	-58.98
	29	BOT	-24.05	-34.29	-185.55	31.08	-20.52
29(24)	29	TOP	-23.60	34.27	-185.46	82.04	58.27
	29	BOT	23.60	-34.27	-185.46	31.04	19.76
29(25)	29	TOP	0.42	51.33	-198.87	128.94	-0.74
	29	BOT	-0.42	-51.33	-198.87	41.03	-0.66
29(26)	29	TOP	0.02	17.23	-172.15	35.18	0.03
	29	BOT	-0.02	-17.23	-172.15	21.09	-0.11

30(1)	30	TOP	0.39	50.69	-241.38	113.05	-0.88
	30	BOT	-0.39	-50.69	-241.38	54.23	-0.42
30(2)	30	TOP	0.33	45.11	-206.98	98.58	-0.73
	30	BOT	-0.33	-45.11	-206.98	50.29	-0.35
30(3)	30	TOP	2.49	33.46	-206.40	86.81	-6.55

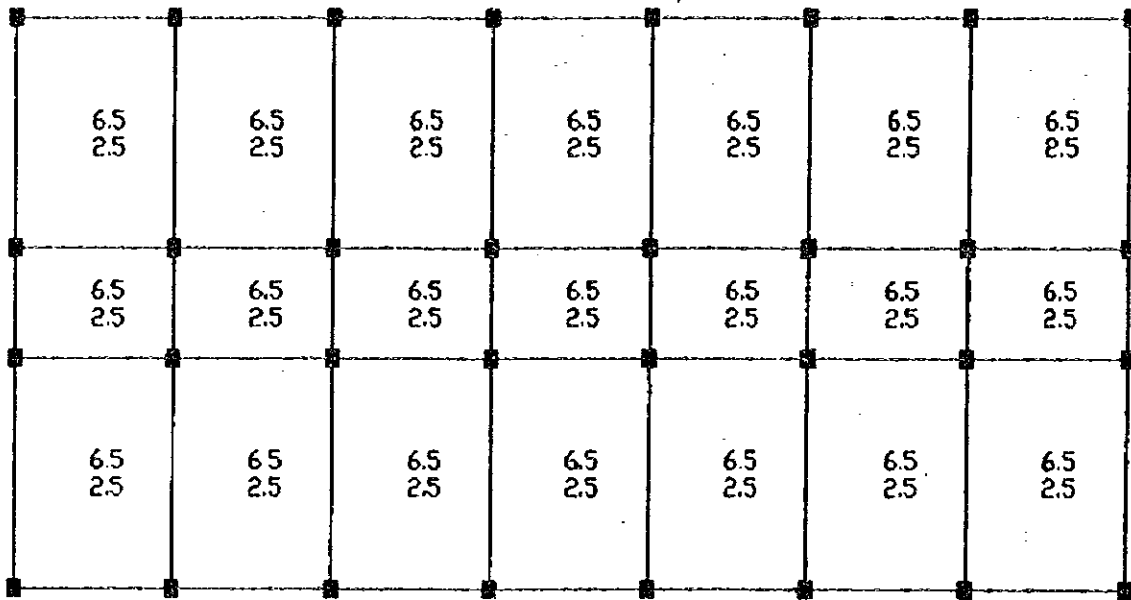
	30	BOT	-2.49	-33.46	-206.40	23.62	-1.67
30(4)	30	TOP	-1.75	33.46	-206.42	86.81	4.87
	30	BOT	1.75	-33.46	-206.42	23.62	0.90
30(5)	30	TOP	0.37	35.62	-208.48	94.07	-0.84
	30	BOT	-0.37	-35.62	-208.48	23.49	-0.39
30(6)	30	TOP	0.38	31.30	-204.34	79.55	-0.85
	30	BOT	-0.38	-31.30	-204.34	23.75	-0.39
30(7)	30	TOP	2.43	27.88	-172.00	72.34	-6.41
	30	BOT	-2.43	-27.88	-172.00	19.68	-1.61
30(8)	30	TOP	-1.81	27.89	-172.02	72.34	5.01
	30	BOT	1.81	-27.89	-172.02	19.68	0.96
30(9)	30	TOP	0.31	30.05	-174.08	79.60	-0.70
	30	BOT	-0.31	-30.05	-174.08	19.55	-0.32
30(10)	30	TOP	0.31	25.73	-169.94	65.08	-0.71
	30	BOT	-0.31	-25.73	-169.94	19.81	-0.33
30(11)	30	TOP	2.19	48.11	-236.13	109.11	-5.72
	30	BOT	-2.19	-48.11	-236.13	49.64	-1.51
30(12)	30	TOP	-1.41	48.11	-236.15	109.11	3.98
	30	BOT	1.41	-48.11	-236.15	49.64	0.68
30(13)	30	TOP	0.39	49.94	-237.90	115.28	-0.87
	30	BOT	-0.39	-49.94	-237.90	49.53	-0.41
30(14)	30	TOP	0.39	46.27	-234.38	102.94	-0.87
	30	BOT	-0.39	-46.27	-234.38	49.75	-0.42
30(15)	30	TOP	2.13	42.53	-201.73	94.64	-5.58
	30	BOT	-2.13	-42.53	-201.73	45.70	-1.44
30(16)	30	TOP	-1.47	42.53	-201.75	94.64	4.12
	30	BOT	1.47	-42.53	-201.75	45.70	0.74
30(17)	30	TOP	0.32	44.36	-203.50	100.81	-0.73
	30	BOT	-0.32	-44.36	-203.50	45.59	-0.35
30(18)	30	TOP	0.33	40.69	-199.97	88.47	-0.73
	30	BOT	-0.33	-40.69	-199.97	45.81	-0.35
30(19)	30	TOP	24.13	40.88	-221.35	98.11	-59.45
	30	BOT	-24.13	-40.88	-221.35	36.78	-20.32
30(20)	30	TOP	-23.37	40.81	-221.45	97.99	57.73
	30	BOT	23.37	-40.81	-221.45	36.69	19.52
30(21)	30	TOP	0.58	57.79	-234.71	144.74	-1.24
	30	BOT	-0.58	-57.79	-234.71	46.56	-0.67
30(22)	30	TOP	0.18	23.90	-208.09	51.37	-0.47
	30	BOT	-0.18	-23.90	-208.09	26.91	-0.13
30(23)	30	TOP	24.06	34.07	-184.45	81.77	-59.30
	30	BOT	-24.06	-34.07	-184.45	30.66	-20.25
30(24)	30	TOP	-23.43	34.01	-184.55	81.65	57.87
	30	BOT	23.43	-34.01	-184.55	30.57	19.58
30(25)	30	TOP	0.52	50.98	-197.81	128.39	-1.10
	30	BOT	-0.52	-50.98	-197.81	40.44	-0.61
30(26)	30	TOP	0.12	17.09	-171.19	35.03	-0.33
	30	BOT	-0.12	-17.09	-171.19	20.79	-0.06

31(1)	31	TOP	-0.43	49.83	-249.02	111.21	1.94
	31	BOT	0.43	-49.83	-249.02	53.23	-0.53
31(2)	31	TOP	-0.35	44.36	-213.40	96.98	1.61
	31	BOT	0.35	-44.36	-213.40	49.40	-0.46
31(3)	31	TOP	1.80	32.82	-213.58	85.36	-3.85
	31	BOT	-1.80	-32.82	-213.58	22.96	-2.07
31(4)	31	TOP	-2.74	32.80	-213.82	85.34	7.87
	31	BOT	2.74	-32.80	-213.82	22.90	1.19
31(5)	31	TOP	-0.48	34.97	-215.78	92.61	2.01
	31	BOT	0.48	-34.97	-215.78	22.80	-0.44
31(6)	31	TOP	-0.47	30.65	-211.63	78.09	2.00
	31	BOT	0.47	-30.65	-211.63	23.06	-0.45
31(7)	31	TOP	1.88	27.36	-177.96	71.14	-4.19
	31	BOT	-1.88	-27.36	-177.96	19.13	-2.00
31(8)	31	TOP	-2.66	27.33	-178.21	71.11	7.53
	31	BOT	2.66	-27.33	-178.21	19.08	1.26
31(9)	31	TOP	-0.40	29.50	-180.16	78.39	1.68
	31	BOT	0.40	-29.50	-180.16	18.98	-0.37

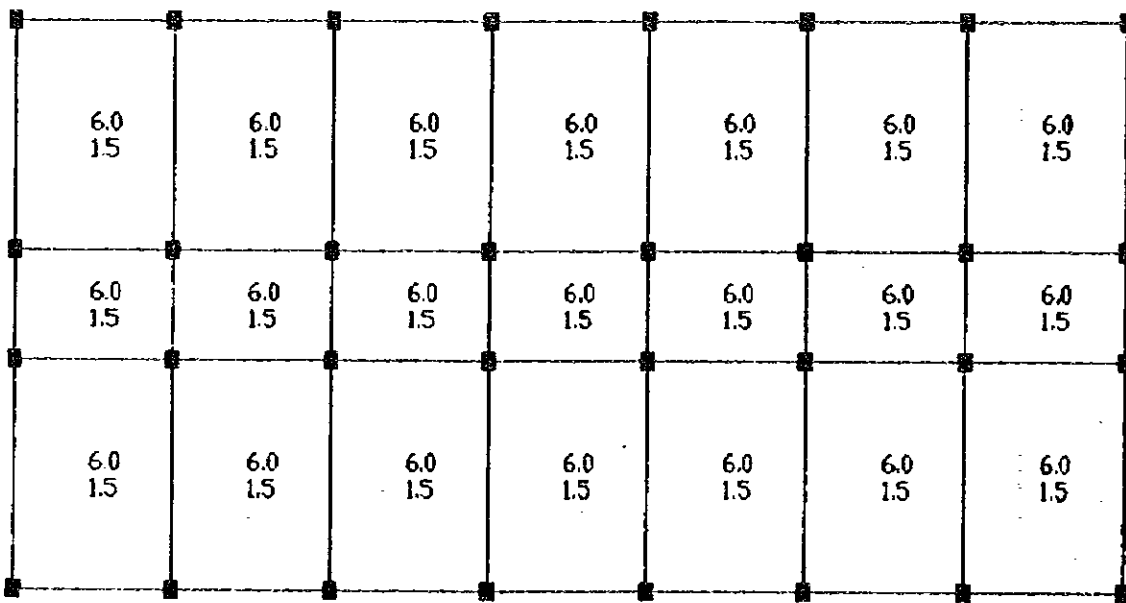
	32	BOT	-8.65	-29.07	-127.72	27.99	-10.43
32(17)	32	TOP	8.83	30.81	-130.62	73.98	-20.94
	32	BOT	-8.83	-30.81	-130.62	27.70	-8.19
32(18)	32	TOP	8.83	27.14	-127.09	61.63	-20.94
	32	BOT	-8.83	-27.14	-127.09	27.92	-8.19
32(19)	32	TOP	15.23	28.75	-158.78	72.35	-58.01
	32	BOT	-15.23	-28.75	-158.78	22.53	9.04
32(20)	32	TOP	3.16	30.66	-130.39	74.96	12.81
	32	BOT	-3.16	-30.66	-130.39	26.23	-24.55
32(21)	32	TOP	9.32	46.43	-157.88	119.93	-22.87
	32	BOT	-9.32	-46.43	-157.88	33.91	-7.89
32(22)	32	TOP	9.08	12.98	-131.29	27.38	-22.34
	32	BOT	-9.08	-12.98	-131.29	14.85	-7.62
32(23)	32	TOP	13.70	23.80	-134.68	60.07	-54.24
	32	BOT	-13.70	-23.80	-134.68	18.47	10.33
32(24)	32	TOP	1.63	25.71	-106.29	62.68	16.58
	32	BOT	-1.63	-25.71	-106.29	22.17	-23.25
32(25)	32	TOP	7.79	41.48	-133.78	107.65	-19.10
	32	BOT	-7.79	-41.48	-133.78	29.84	-6.60
32(26)	32	TOP	7.54	8.03	-107.19	15.10	-18.57
	32	BOT	-7.54	-8.03	-107.19	10.79	-6.32

31(10)	31	TOP	-0.39	25.18	-176.01	63.86	1.67
	31	BOT	0.39	-25.18	-176.01	19.24	-0.37
31(11)	31	TOP	1.49	47.29	-243.62	107.34	-3.03
	31	BOT	-1.49	-47.29	-243.62	48.70	-1.91
31(12)	31	TOP	-2.36	47.27	-243.82	107.32	6.93
	31	BOT	2.36	-47.27	-243.82	48.66	0.87
31(13)	31	TOP	-0.44	49.11	-245.48	113.50	1.96
	31	BOT	0.44	-49.11	-245.48	48.57	-0.52
31(14)	31	TOP	-0.43	45.44	-241.96	101.16	1.95
	31	BOT	0.43	-45.44	-241.96	48.79	-0.52
31(15)	31	TOP	1.57	41.82	-208.00	93.12	-3.36
	31	BOT	-1.57	-41.82	-208.00	44.88	-1.83
31(16)	31	TOP	-2.28	41.80	-208.21	93.09	6.60
	31	BOT	2.28	-41.80	-208.21	44.84	0.94
31(17)	31	TOP	-0.36	43.64	-209.87	99.28	1.62
	31	BOT	0.36	-43.64	-209.87	44.75	-0.44
31(18)	31	TOP	-0.35	39.97	-206.34	86.93	1.61
	31	BOT	0.35	-39.97	-206.34	44.97	-0.45
31(19)	31	TOP	24.75	40.30	-227.16	96.71	-58.27
	31	BOT	-24.75	-40.30	-227.16	36.27	-23.50
31(20)	31	TOP	-25.65	39.91	-230.52	96.15	62.23
	31	BOT	25.65	-39.91	-230.52	35.56	22.54
31(21)	31	TOP	-0.25	56.94	-242.07	142.92	1.58
	31	BOT	0.25	-56.94	-242.07	45.60	-0.77
31(22)	31	TOP	-0.66	23.26	-215.61	49.94	2.38
	31	BOT	0.66	-23.26	-215.61	26.23	-0.20
31(23)	31	TOP	24.82	33.61	-189.02	80.64	-58.60
	31	BOT	-24.82	-33.61	-189.02	30.28	-23.42
31(24)	31	TOP	-25.58	33.23	-192.38	80.08	61.90
	31	BOT	25.58	-33.23	-192.38	29.58	22.62
31(25)	31	TOP	-0.17	50.26	-203.93	126.85	1.25
	31	BOT	0.17	-50.26	-203.93	39.61	-0.69
31(26)	31	TOP	-0.58	16.58	-177.47	33.87	2.05
	31	BOT	0.58	-16.58	-177.47	20.24	-0.12

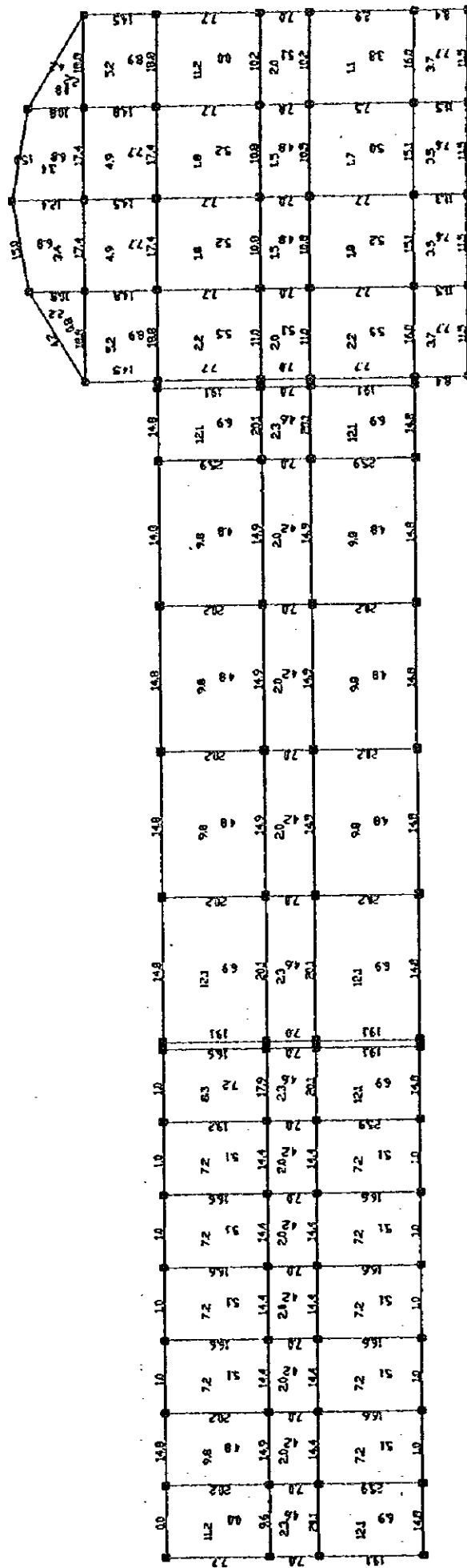
32(1)	32	TOP	10.55	34.60	-154.29	81.11	-25.04
	32	BOT	-10.55	-34.60	-154.29	33.07	-9.76
32(2)	32	TOP	9.18	30.26	-131.40	69.76	-21.58
	32	BOT	-9.18	-30.26	-131.40	30.09	-8.72
32(3)	32	TOP	8.40	25.93	-138.65	67.92	-24.09
	32	BOT	-8.40	-25.93	-138.65	17.65	-3.62
32(4)	32	TOP	7.98	26.15	-135.96	68.21	-17.44
	32	BOT	-7.98	-26.15	-135.96	18.08	-8.88
32(5)	32	TOP	8.19	28.20	-139.38	75.33	-20.77
	32	BOT	-8.19	-28.20	-139.38	17.74	-6.25
32(6)	32	TOP	8.19	23.88	-135.23	60.80	-20.77
	32	BOT	-8.19	-23.88	-135.23	17.99	-6.25
32(7)	32	TOP	7.03	21.59	-115.76	56.58	-20.63
	32	BOT	-7.03	-21.59	-115.76	14.67	-2.58
32(8)	32	TOP	6.61	21.81	-113.08	56.87	-13.98
	32	BOT	-6.61	-21.81	-113.08	15.10	-7.84
32(9)	32	TOP	6.82	23.86	-116.50	63.98	-17.30
	32	BOT	-6.82	-23.86	-116.50	14.76	-5.21
32(10)	32	TOP	6.82	19.54	-112.35	49.46	-17.31
	32	BOT	-6.82	-19.54	-112.35	15.02	-5.21
32(11)	32	TOP	10.37	33.22	-152.88	79.03	-27.23
	32	BOT	-10.37	-33.22	-152.88	30.60	-7.00
32(12)	32	TOP	10.01	33.41	-150.60	79.27	-21.57
	32	BOT	-10.01	-33.41	-150.60	30.97	-11.47
32(13)	32	TOP	10.19	35.15	-153.50	85.32	-24.40
	32	BOT	-10.19	-35.15	-153.50	30.68	-9.23
32(14)	32	TOP	10.19	31.48	-149.98	72.98	-24.40
	32	BOT	-10.19	-31.48	-149.98	30.90	-9.23
32(15)	32	TOP	9.01	28.88	-130.00	67.68	-23.77
	32	BOT	-9.01	-28.88	-130.00	27.63	-5.95
32(16)	32	TOP	8.65	29.07	-127.72	67.93	-18.11



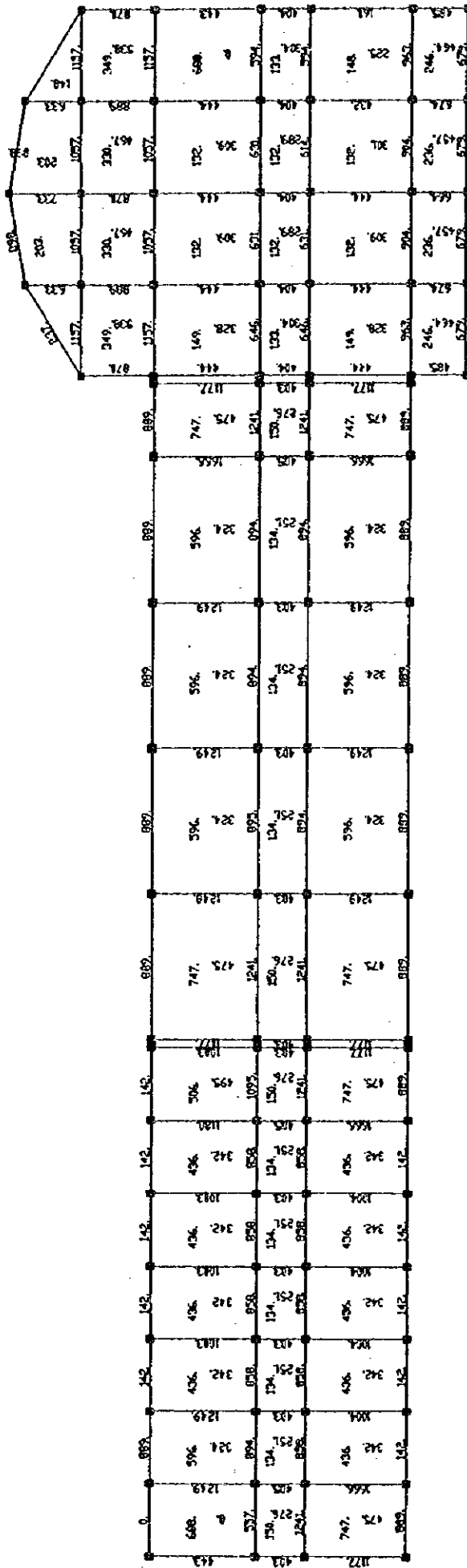
the first floor load



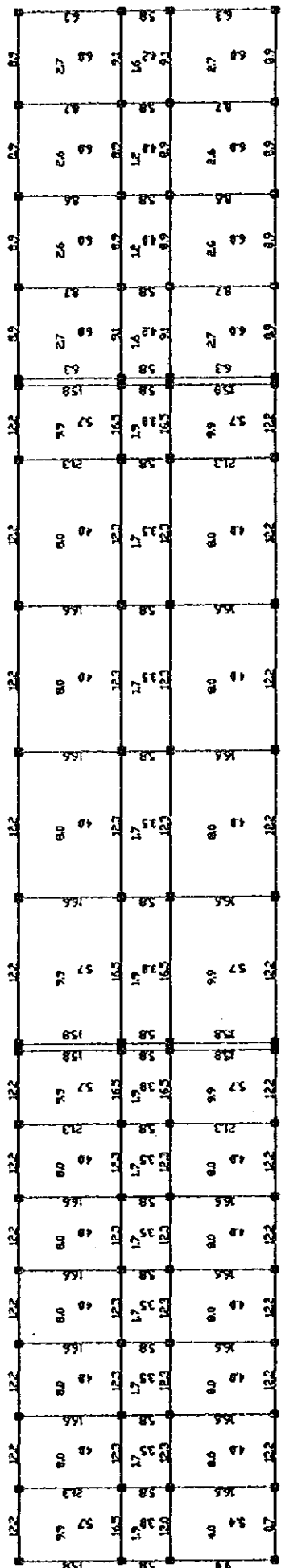
the second floor load



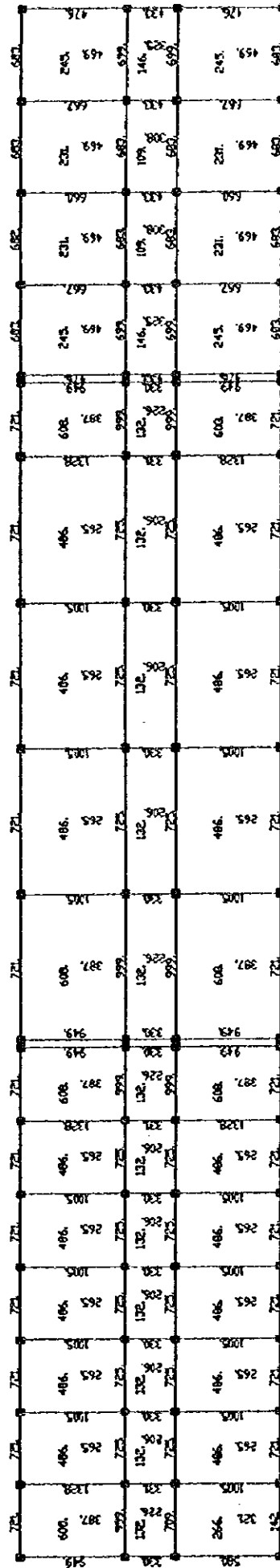
2nd Floor Moment of Cast Slab (unit:KN-m)



2nd Floor Reinforced Calculation Drawing of Cast Slab
 (unit: mm²/m, reinforced class: I, concrete strength class: C25)



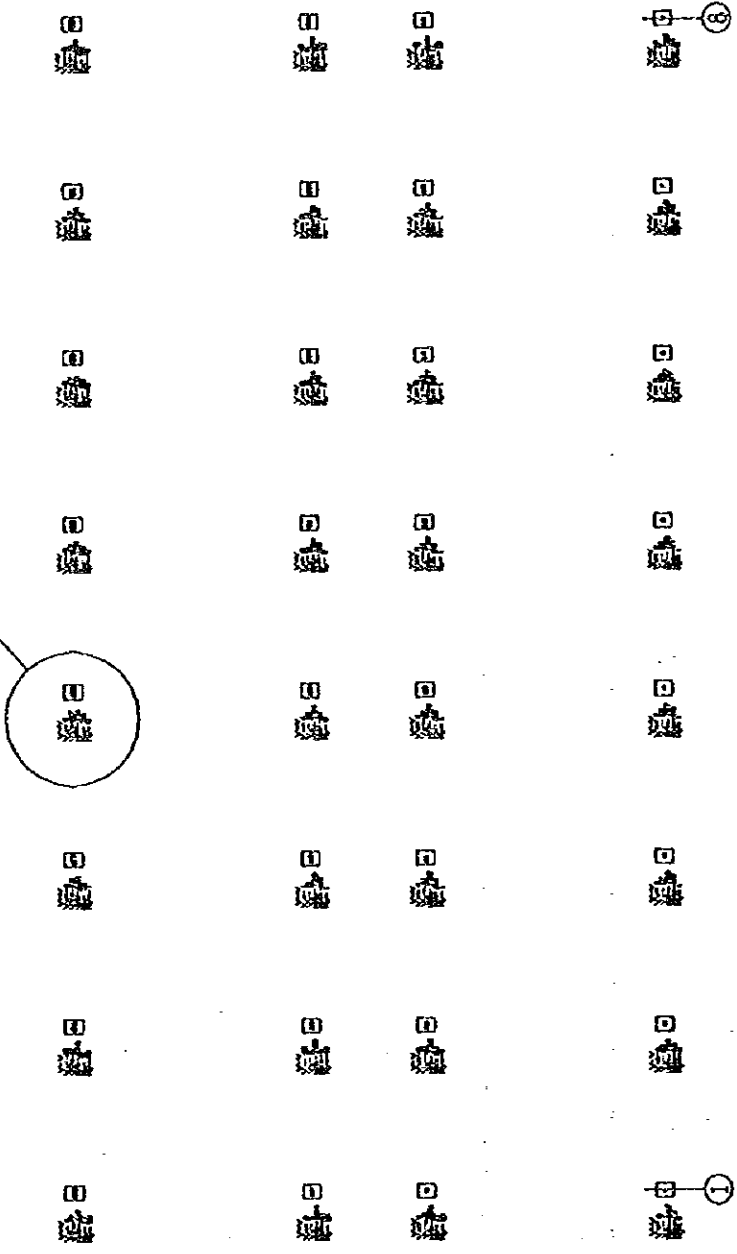
Roof Moment of Cast Slab (unit:KN-m)



Roof Reinforced Calculation Drawing of Cast Slab
(unit:mm²/m, reinforced class: concrete strength class:C25)

$V = 0$
 $X = 7$
 $Y = -11$
 $Z = 36$
 $N = 0$
 $M_x = 0$
 $M_y = 0$

28

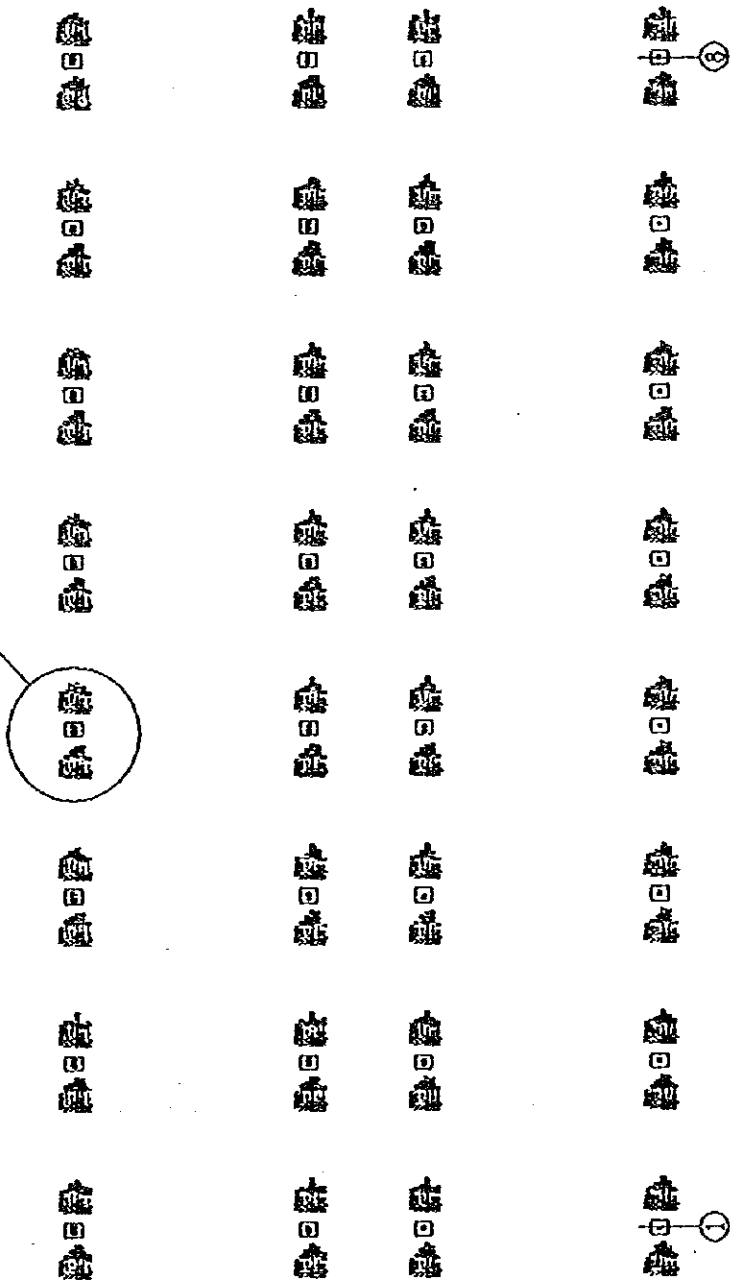


GROUND FLOOR MAXIMUM LIVE LOAD+CONSTANT LOAD
 COMBINATION INTERNAL FORCE DRAWING (UNIT: KN, KN-M)

$N_{max} = 0$
 $V_x = -17$
 $V_y = -71$
 $M_x = 36$
 $M_y = 0$

28

$N_{min} = 0$
 $V_x = 36$
 $V_y = -49$
 $M_x = -142$
 $M_y = 0$

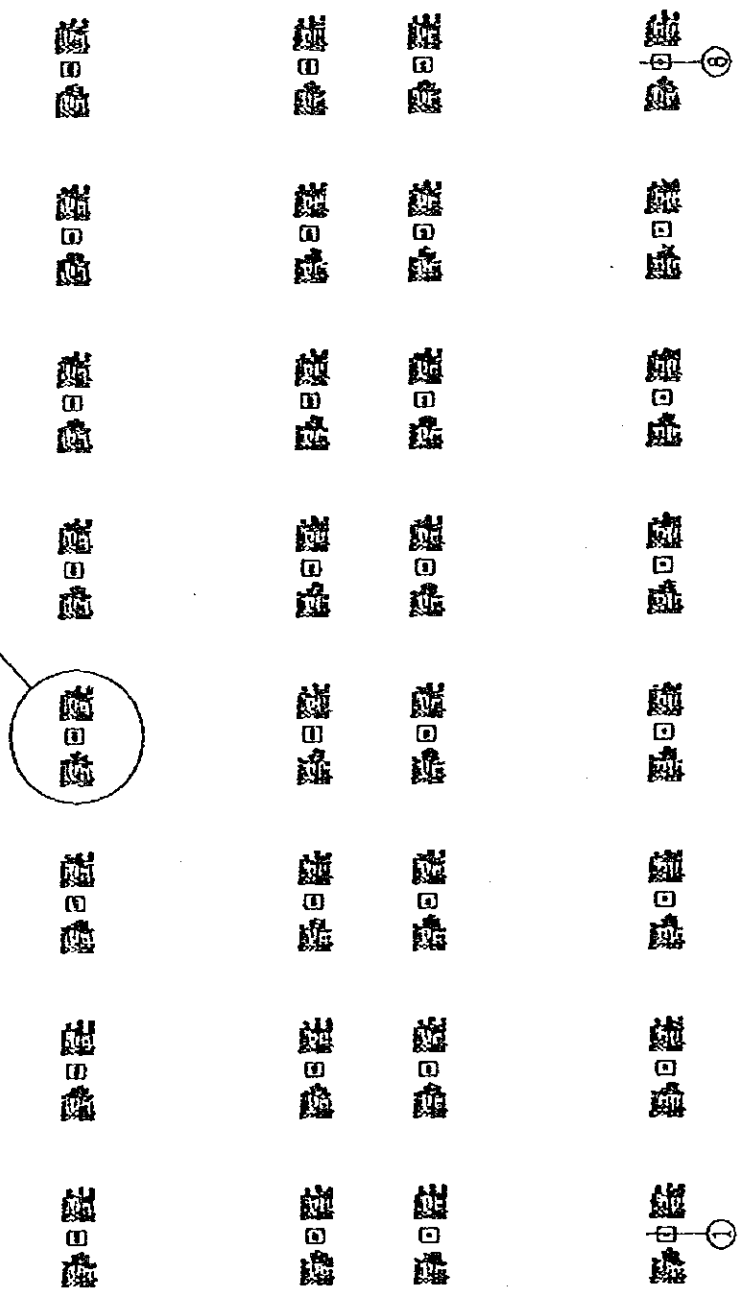


GROUND FLOOR MAXIMUM AXIAL FORCE
 COMBINATION INTERNAL FORCE DRAWING (UNIT: KN, KN-M)

Mxmax
 Vx=-0
 Vy=-64
 Nh=-709
 Mx=201
 My=-0

28

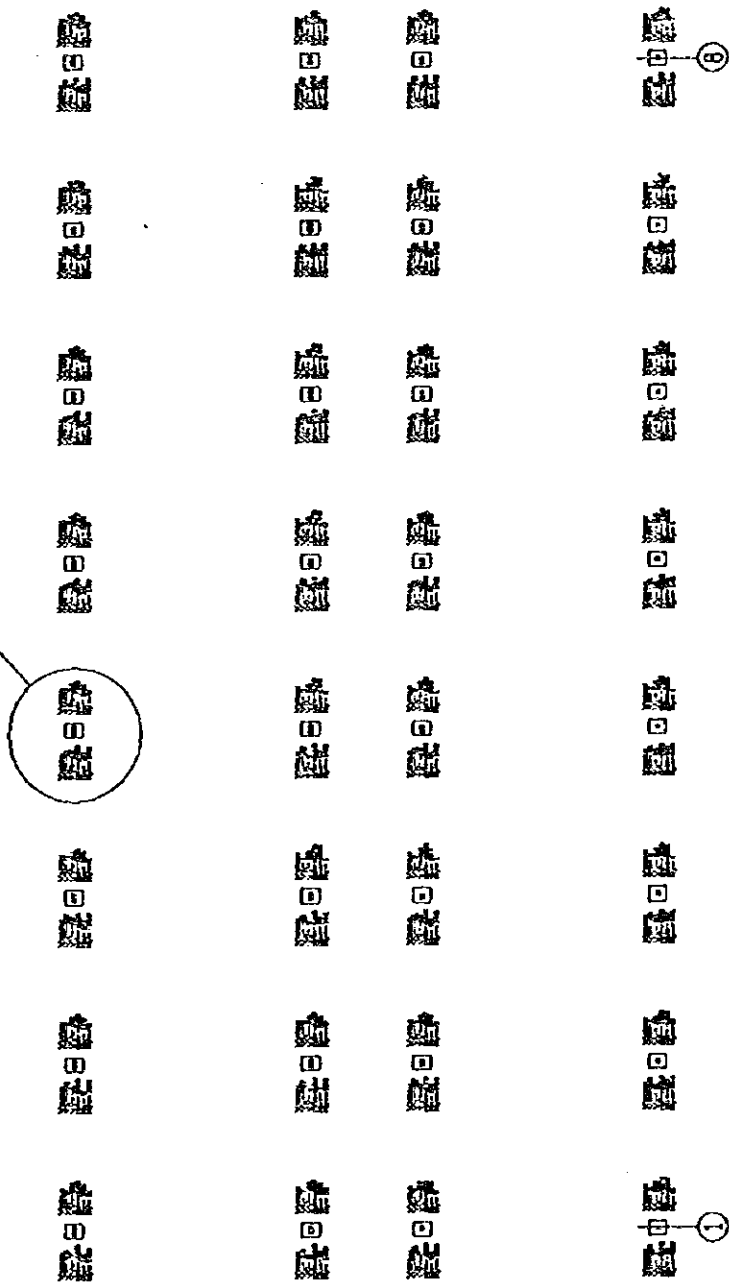
Mymax
 Vx=-41
 Vy=-15
 Nh=-655
 Mx=32
 My=-142



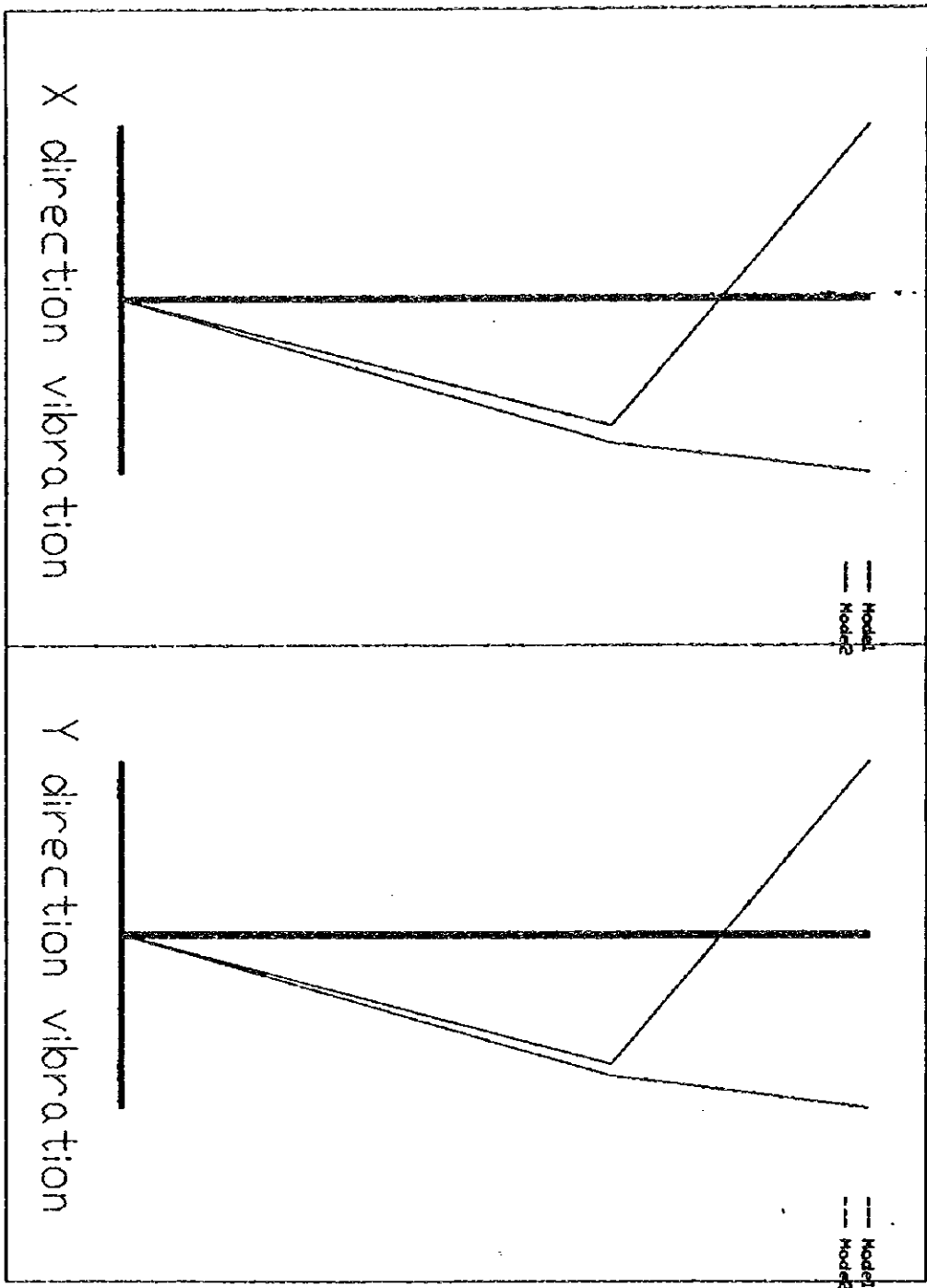
GROUND FLOOR MAXIMUM BENDING MOMENT
 COMBINATION INTERNAL FORCE DRAWING (UNIT: KN, KN-M)

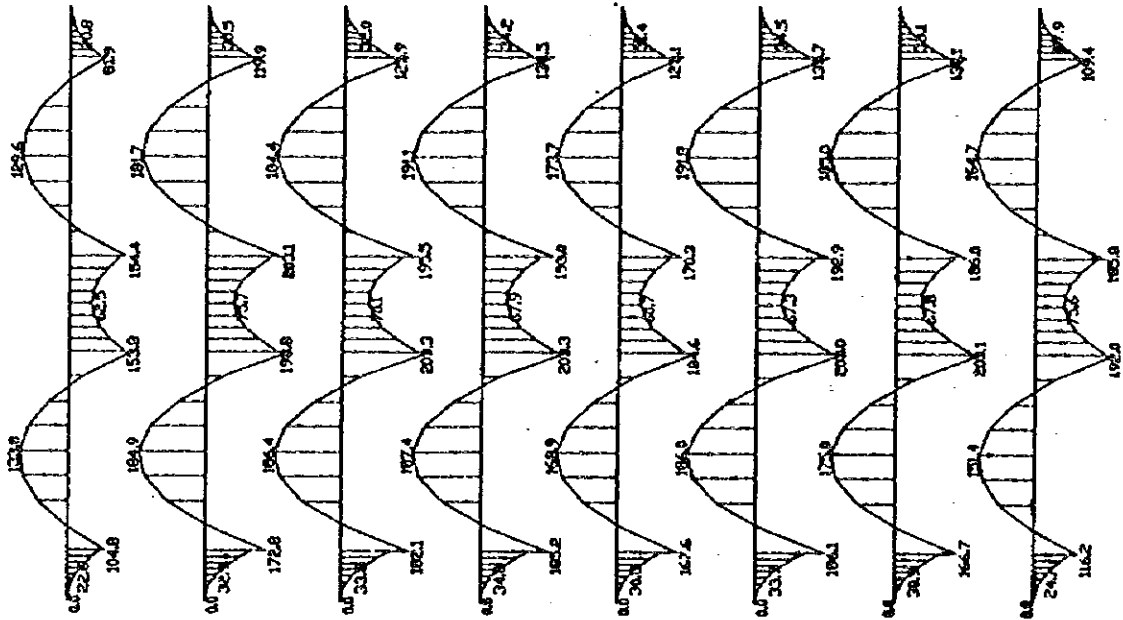
Vxmax=41
 Vx=-15
 Vy=-655
 N=32
 My=-142
 Vxmax=0
 Vx=-64
 Vy=-709
 N=201
 My=-0

28

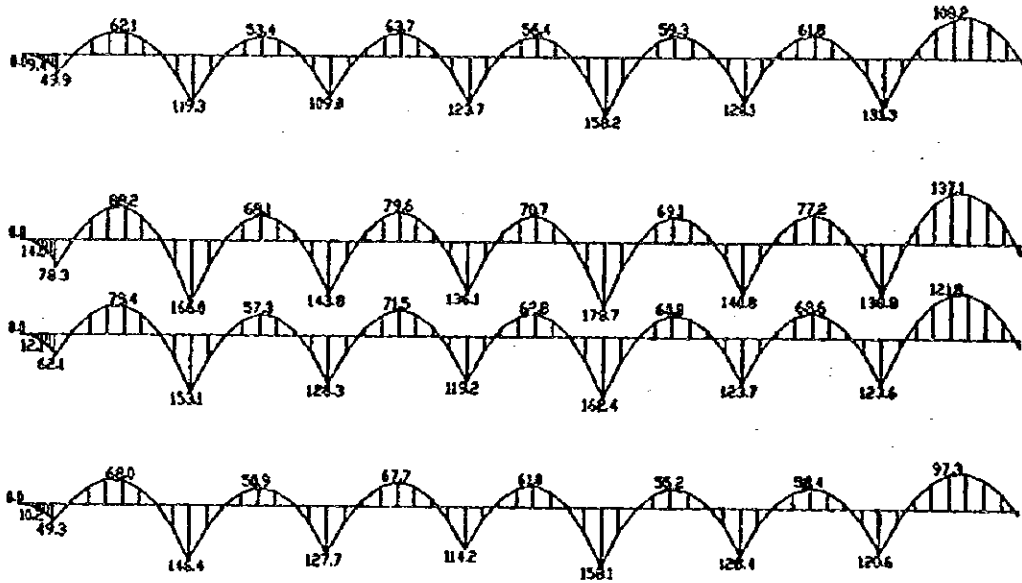


GROUND FLOOR MAXIMUM SHEARING FORCE
 COMBINATION INTERNAL FORCE DRAWING (UNIT: KN, KN-M)

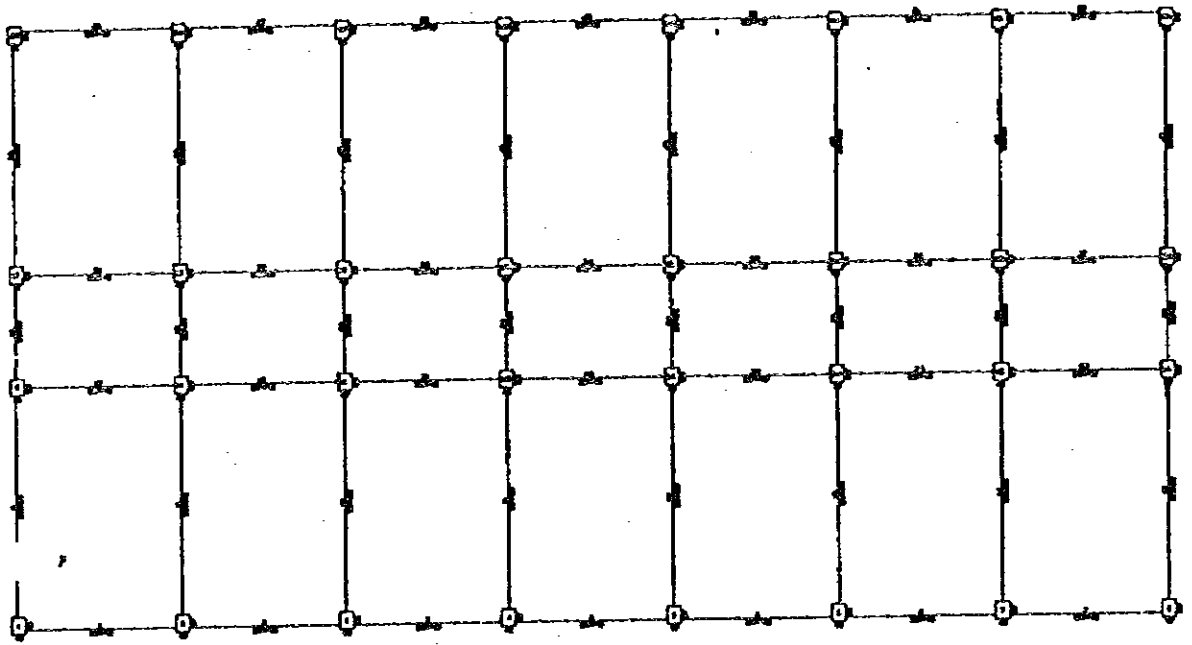




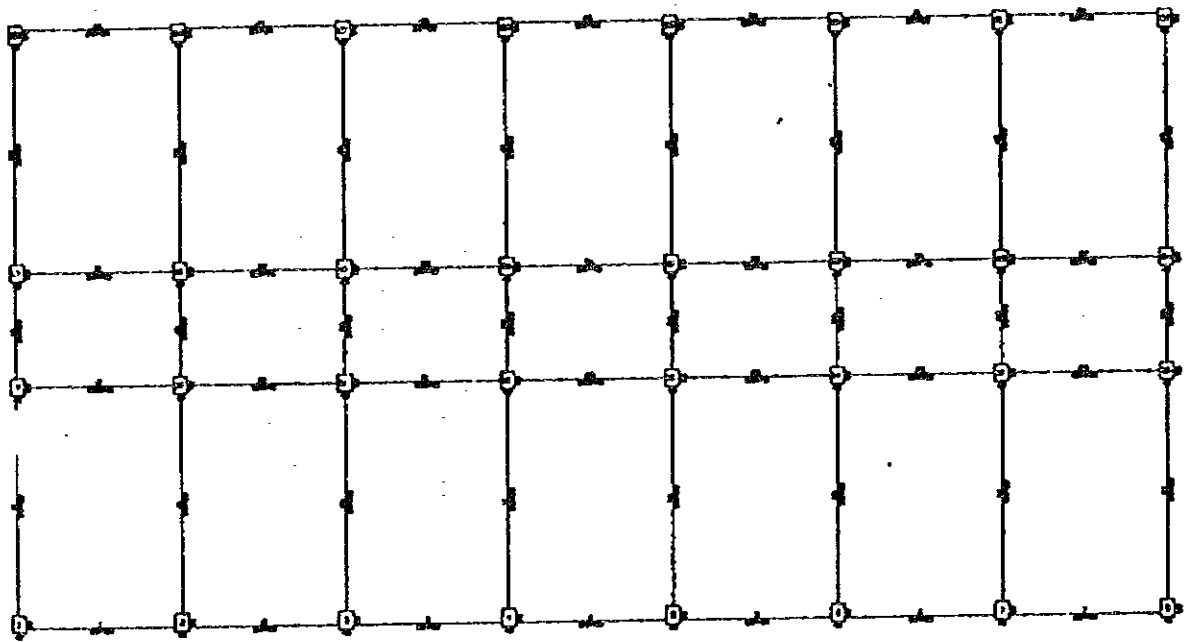
moment of cross beam



moment of longitudinal beam



plan sketch for 1st floor



plan sketch for 2nd floor

 * Output of Floors Mass and Center No.2 *
 * TAT-M.OUT *
 * ----- *
 * Symbols: *
 * No. --- Number of floor *
 * Tower --- Number of tower *
 * Weight --- Total weight of floor(kN) *
 * (selfweight of structure + slab loading + loading) *
 * Mass --- Total mass of each floor(kg)(Weight/10.) *
 * X,Y-Center --- Coordinate of mass center(m) *
 * Ver-Load --- Total load of loading floor(kN) *
 * (excluding selfweight of beam/column/wall) *
 * R-Mass --- Total rotation mass of floor(t*m2) *
 * X,Y-Wind --- Wind force in X,Y direction(kN) *
 * X,Y-D --- Eccentricity between point of wind and mass center(m) *
 * X,Y-Wind-V --- Shear of each floor by wind force(kN) *
 * X,Y-Wind-M --- Moment of each floor by wind force(kN-m) *
 * hh --- Height of each floor(m) *

Flr	Tower	Weight (kN)	F-Weight (kN)	Mass (t)	X-Center (m)	Y-Center (m)	Ver-Load (kN)	R-Mass (t*m2)
2	1	8070.2	8070.	807.0	40.0	11.0	6420.3	174739.
1	1	13006.6	21077.	1300.7	39.8	11.0	10136.0	278646.

Total Vertical Loads = 18556. (kN)
 Total Structure Weight = 21077. (kN)
 Total Mass = 2107.7 (t)

Flr	Tower	X-Wind (kN)	X-D (m)	X-Wind-V (kN)	X-Wind-M (kN-m)	hh (m)
2	1	33.06	0.00	33.06	109.1	3.30
1	1	75.43	0.02	108.49	789.4	6.27

Flr	Tower	Y-Wind (kN)	Y-D (m)	Y-Wind-V (kN)	Y-Wind-M (kN-m)	hh (m)
2	1	83.53	0.00	83.53	275.7	3.30
1	1	190.55	0.15	274.08	1994.1	6.27

```

*****
* Output of Period and Earthquake Forces and Displacements of Floor *
* TAT-4.OUT *
* ----- *
* Symbols: *
* T(Nm) --- Natural vibration period of structure(sec) *
* Flr --- Number of floor *
* Nt --- Number of tower *
* Nm --- Number of modes *
* Mode(Nm) --- Natural vibration mode *
* Force(Nm) --- Earthquake force of modes(kN) *
* Qox,y --- Ground base shear of seismic force in X,Y direction(kN) *
* Mox,y --- Base moment of seismic force in X,Y direction(kN-m) *
* Ge --- Total weight of structure(kN) *
* X,Y,T-Direct. --- Mode and Seismic force in torsional couple *
* X,Y-DISP --- Horizontal displacement of mass center(mm) *
* Angle --- Horizontal rotation angle(rad) *
* dx,y --- Interfloor displacement in X,Y direction(mm) *
* h --- Height of each floor(m) *
* Tower --- Number of tower *
* Hmax --- Maximum Height of floor(m) *
* Dmax --- Maximum displacement on top part(mm) *
*****

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=====

The Vibration of X-Direction

X-Direction Period (Second)

T1 = 0.8086 (s) T2 = 0.1821 (s)

The Vibration Modes-X & Earthquake Forces-X

No	Nt	Mode 1	Force 1 (kN)	Mode 2	Force 2 (kN)
2	1	1.0000	578.15	-1.0000	-58.06
1	1	0.8578	799.30	0.7233	67.69

Qox = 1377.491 (kN) Qox/Ge = 6.54%

Mox = 10545.388 (kN-m)

=====

The Vibration of Y-Direction

Y-Direction Period (Second)

T1 = 0.8809 (s) T2 = 0.1905 (s)

The Vibration Modes-Y & Earthquake Forces-Y

No	Nt	Mode 1	Force 1 (kN)	Mode 2	Force 2 (kN)
2	1	1.0000	554.41	-1.0000	-83.22
1	1	0.7969	712.09	0.7786	104.42

Qoy = 1266.682 (kN) Qoy/Ge = 6.01%

Moy = 9771.576 (kN-m)

----- Displacements of Floor -----

==== TYPB1 ==== The displacements of floor under X-Earthquake Force

Flr	Nt	X-DISP (mm)	Y-DISP (mm)	Angle (rad)	dx/h	dx (mm)	h (m)
2	1	11.87	0.00	0.00000	1/1952.	1.69	3.30
1	1	10.18	0.00	0.00000	1/ 616.	10.18	6.27
Tower = 1 (Dmax/Hmax=1/ 807.), Dmax= 11.9(mm) Hmax= 9.57(m)							

==== TYPE2 ==== The displacements of floor under Y-Earthquake Force

Flr	Nt	X-DISP (mm)	Y-DISP (mm)	Angle (rad)	dy/h	dy (mm)	h (m)
2	1	0.00	13.50	0.00006	1/1198.	2.75	3.30
1	1	0.00	10.76	0.00004	1/ 583.	10.76	6.27
Tower = 1 (Dmax/Hmax=1/ 709.), Dmax= 13.5(mm) Hmax= 9.57(m)							

==== TYPE3 ==== The displacements of floor under X-Wind Force

Flr	Nt	X-DISP (mm)	Y-DISP (mm)	Angle (rad)	dx/h	dx (mm)	h (m)
2	1	0.91	0.00	0.00000	1/9999.	0.11	3.30
1	1	0.80	0.00	0.00000	1/7876.	0.80	6.27
Tower = 1 (Dmax/Hmax=1/9999.), Dmax= 0.9(mm) Hmax= 9.57(m)							

==== TYPE4 ==== The displacements of floor under Y-Wind Force

Flr	Nt	X-DISP (mm)	Y-DISP (mm)	Angle (rad)	dy/h	dy (mm)	h (m)
2	1	0.00	2.79	-0.00001	1/6468.	0.51	3.30
1	1	0.00	2.29	-0.00001	1/2743.	2.29	6.27
Tower = 1 (Dmax/Hmax=1/3424.), Dmax= 2.8(mm) Hmax= 9.57(m)							

==== TYPE5 ==== The displacements of floor under Dead Vertical Force

Flr	Nt	X-DISP (mm)	Y-DISP (mm)	Angle (rad)
2	1	0.15	0.00	0.00000
1	1	0.03	0.01	0.00000

==== TYPE6 ==== The displacements of floor under Live Vertical Force

Flr	Nt	X-DISP (mm)	Y-DISP (mm)	Angle (rad)
2	1	0.02	0.00	0.00000
1	1	0.01	0.00	0.00000

The Coefficients of Internal Force

No.	E-X	E-Y	W-X	W-Y	V-D	V-L	V-E
1	0.000	0.000	0.000	0.000	1.200	1.400	0.000
2	0.000	0.000	0.000	0.000	1.000	1.400	0.000
3	0.000	0.000	1.400	0.000	1.200	0.000	0.000
4	0.000	0.000	-1.400	0.000	1.200	0.000	0.000
5	0.000	0.000	0.000	1.400	1.200	0.000	0.000
6	0.000	0.000	0.000	-1.400	1.200	0.000	0.000
7	0.000	0.000	1.400	0.000	1.000	0.000	0.000
8	0.000	0.000	-1.400	0.000	1.000	0.000	0.000
9	0.000	0.000	0.000	1.400	1.000	0.000	0.000
10	0.000	0.000	0.000	-1.400	1.000	0.000	0.000
11	0.000	0.000	1.190	0.000	1.200	1.190	0.000
12	0.000	0.000	-1.190	0.000	1.200	1.190	0.000
13	0.000	0.000	0.000	1.190	1.200	1.190	0.000
14	0.000	0.000	0.000	-1.190	1.200	1.190	0.000
15	0.000	0.000	1.190	0.000	1.000	1.190	0.000
16	0.000	0.000	-1.190	0.000	1.000	1.190	0.000
17	0.000	0.000	0.000	1.190	1.000	1.190	0.000
18	0.000	0.000	0.000	-1.190	1.000	1.190	0.000
19	1.300	0.000	0.000	0.000	1.200	0.600	0.000
20	-1.300	0.000	0.000	0.000	1.200	0.600	0.000
21	0.000	1.300	0.000	0.000	1.200	0.600	0.000
22	0.000	-1.300	0.000	0.000	1.200	0.600	0.000
23	1.300	0.000	0.000	0.000	1.000	0.500	0.000
24	-1.300	0.000	0.000	0.000	1.000	0.500	0.000
25	0.000	1.300	0.000	0.000	1.000	0.500	0.000
26	0.000	-1.300	0.000	0.000	1.000	0.500	0.000

| No. of Floor = 1 |

N-C= 1 (1) B*H(mm) = 500* 500 Lc= 6.27(m)
 (22) $U_c = N/A_c/f_c = 0.23$ N = -732.
 (26) $M_x = -354.$ $N_{cx} = -624.$
 (20) $M_y = 373.$ $N_{cy} = -706.$
 Ascx(26) = 1522. Ascyl(20) = 1579. Rsc= 2.48 Asvc(0) = 135.0 Rsvc= 0.60
 6D18 7D18 5D 6

N-C= 2 (1) B*H(mm) = 500* 500 Lc= 6.27(m)
 (22) $U_c = N/A_c/f_c = 0.41$ N = -1283.
 (26) $M_x = -347.$ $N_{cx} = -1083.$
 (23) $M_y = -350.$ $N_{cy} = -1015.$
 Ascx(26) = 1214. Ascyl(23) = 1262. Rsc= 1.98 Asvc(0) = 180.0 Rsvc= 0.80
 5D18 5D18 4D 8

N-C= 3 (1) B*H(mm) = 500* 500 Lc= 6.27(m)
 (22) $U_c = N/A_c/f_c = 0.39$ N = -1228.
 (26) $M_x = -336.$ $N_{cx} = -1037.$
 (23) $M_y = -341.$ $N_{cy} = -959.$
 Ascx(26) = 1167. Ascyl(23) = 1238. Rsc= 1.92 Asvc(0) = 135.0 Rsvc= 0.60
 5D18 5D18 5D 6

N-C= 4 (1) B*H(mm) = 500* 500 Lc= 6.27(m)
 (22) $U_c = N/A_c/f_c = 0.41$ N = -1269.
 (26) $M_x = -324.$ $N_{cx} = -1069.$

(24) My = 348. Ncy = -1005.
AscX(26)= 1082. AscY(24)= 1256. Rsc= 1.87 Asvc(0)= 180.0 Rsvc= 0.80
5D18 5D18 4D 8

N-C= 5 (1)B*H(mm)= 500* 500 Lc= 6.27(m)
(22) Uc = N/Ac/fc = 0.30 N = -937.
(26) Mx = -312. Ncx = -793.
(23) My = -359. Ncy = -735.
AscX(26)= 1158. AscY(23)= 1473. Rsc= 2.10 Asvc(0)= 135.0 Rsvc= 0.60
5D18 6D18 5D 6

N-C= 6 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
(22) Uc = N/Ac/fc = 0.17 N = -422.
(22) Mx = -251. Ncx = -422.
(19) My = -158. Ncy = -393.
AscX(22)= 1096. AscY(19)= 926. Rsc= 2.02 Asvc(0)= 118.1 Rsvc= 0.60
5D18 4D18 5D 6

N-C= 7 (1)B*H(mm)= 500* 500 Lc= 6.27(m)
(20) Uc = N/Ac/fc = 0.27 N = -845.
(25) Mx = 360. Ncx = -704.
(20) My = 392. Ncy = -845.
AscX(25)= 1499. AscY(20)= 1601. Rsc= 2.48 Asvc(0)= 135.0 Rsvc= 0.60
6D18 7D18 5D 6

N-C= 8 (1)B*H(mm)= 500* 500 Lc= 6.27(m)
(21) Uc = N/Ac/fc = 0.47 N = -1484.
(25) Mx = 352. Ncx = -1244.
(23) My = -351. Ncy = -1214.
AscX(25)= 1188. AscY(23)= 1191. Rsc= 1.90 Asvc(0)= 180.0 Rsvc= 0.80
5D18 5D18 4D 8

N-C= 9 (1)B*H(mm)= 500* 500 Lc= 6.27(m)
(21) Uc = N/Ac/fc = 0.45 N = -1420.
(25) Mx = 341. Ncx = -1190.
(23) My = -341. Ncy = -1148.
AscX(25)= 1135. AscY(23)= 1155. Rsc= 1.83 Asvc(0)= 180.0 Rsvc= 0.80
5D18 5D18 4D 8

N-C= 10 (1)B*H(mm)= 500* 500 Lc= 6.27(m)
(21) Uc = N/Ac/fc = 0.47 N = -1470.
(25) Mx = 328. Ncx = -1232.
(24) My = 349. Ncy = -1202.
AscX(25)= 1048. AscY(24)= 1179. Rsc= 1.78 Asvc(0)= 180.0 Rsvc= 0.80
5D18 5D18 4D 8

N-C= 11 (1)B*H(mm)= 500* 500 Lc= 6.27(m)
(21) Uc = N/Ac/fc = 0.34 N = -1064.
(25) Mx = 316. Ncx = -893.
(23) My = -367. Ncy = -875.
AscX(25)= 1122. AscY(23)= 1439. Rsc= 2.05 Asvc(0)= 135.0 Rsvc= 0.60
5D18 6D18 5D 6

N-C= 12 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
(21) Uc = N/Ac/fc = 0.19 N = -480.
(25) Mx = 251. Ncx = -405.
(23) My = -159. Ncy = -403.
AscX(25)= 1108. AscY(23)= 923. Rsc= 2.03 Asvc(0)= 118.1 Rsvc= 0.60
5D18 4D18 5D 6

N-C= 13 (1)B*H(mm)= 500* 500 Lc= 6.27(m)
(20) Uc = N/Ac/fc = 0.25 N = -796.
(26) Mx = -358. Ncx = -664.
(24) My = 358. Ncy = -672.
AscX(26)= 1519. AscY(24)= 1514. Rsc= 2.43 Asvc(0)= 135.0 Rsvc= 0.60
6D18 6D18 5D 6

N-C= 14 (1)B*H(mm)= 500* 500 Lc= 6.27(m)
(22) Uc = N/Ac/fc = 0.46 N = -1434.
(26) Mx = -346. Ncx = -1202.
(24) My = 345. Ncy = -1145.
AscX(26)= 1162. AscY(24)= 1177. Rsc= 1.87 Asvc(0)= 180.0 Rsvc= 0.80
5018 5018 40 8

N-C= 15 (1)B*H(mm)= 500* 500 Lc= 6.27(m)
(22) Uc = N/Ac/fc = 0.42 N = -1318.
(26) Mx = -340. Ncx = -1105.
(23) My = -342. Ncy = -1063.
AscX(26)= 1162. AscY(23)= 1194. Rsc= 1.88 Asvc(0)= 180.0 Rsvc= 0.80
5018 5018 40 8

N-C= 16 (1)B*H(mm)= 500* 500 Lc= 6.27(m)
(22) Uc = N/Ac/fc = 0.44 N = -1365.
(26) Mx = -328. Ncx = -1144.
(24) My = 348. Ncy = -1113.
AscX(26)= 1077. AscY(24)= 1207. Rsc= 1.83 Asvc(0)= 180.0 Rsvc= 0.80
5018 5018 40 8

N-C= 17 (1)B*H(mm)= 500* 500 Lc= 6.27(m)
(22) Uc = N/Ac/fc = 0.32 N = -991.
(26) Mx = -316. Ncx = -832.
(23) My = -360. Ncy = -814.
AscX(26)= 1157. AscY(23)= 1430. Rsc= 2.07 Asvc(0)= 135.0 Rsvc= 0.60
5018 6018 50 6

N-C= 18 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
(22) Uc = N/Ac/fc = 0.18 N = -457.
(26) Mx = -251. Ncx = -386.
(23) My = -156. Ncy = -384.
AscX(26)= 1128. AscY(23)= 918. Rsc= 2.05 Asvc(0)= 118.1 Rsvc= 0.60
5018 4018 50 6

N-C= 19 (1)B*H(mm)= 500* 500 Lc= 6.27(m)
(21) Uc = N/Ac/fc = 0.23 N = -729.
(25) Mx = 355. Ncx = -621.
(24) My = 358. Ncy = -595.
AscX(25)= 1528. AscY(24)= 1568. Rsc= 2.48 Asvc(0)= 135.0 Rsvc= 0.60
7018 7018 50 6

N-C= 20 (1)B*H(mm)= 500* 500 Lc= 6.27(m)
(21) Uc = N/Ac/fc = 0.43 N = -1343.
(25) Mx = 341. Ncx = -1133.
(24) My = 345. Ncy = -1038.
AscX(25)= 1156. AscY(24)= 1219. Rsc= 1.90 Asvc(0)= 180.0 Rsvc= 0.80
5018 5018 40 8

N-C= 21 (1)B*H(mm)= 500* 500 Lc= 6.27(m)
(21) Uc = N/Ac/fc = 0.39 N = -1225.
(25) Mx = 336. Ncx = -1034.
(23) My = -342. Ncy = -956.
AscX(25)= 1168. AscY(23)= 1245. Rsc= 1.93 Asvc(0)= 135.0 Rsvc= 0.60
5018 5018 50 6

N-C= 22 (1)B*H(mm)= 500* 500 Lc= 6.27(m)
(21) Uc = N/Ac/fc = 0.41 N = -1267.
(25) Mx = 324. Ncx = -1068.
(24) My = 348. Ncy = -1004.
AscX(25)= 1082. AscY(24)= 1255. Rsc= 1.87 Asvc(0)= 180.0 Rsvc= 0.80
5018 5018 40 8

N-C= 23 (1)B*H(mm)= 500* 500 Lc= 6.27(m)
(21) Uc = N/Ac/fc = 0.30 N = -936.
-122-

(25) Mx = 312. Ncx = -792.
 (23) My = -359. Ncy = -735.
 Ascx(25)= 1157. AscY(23)= 1474. Rsc= 2.10 Asvc(0)= 135.0 Rsvc= 0.60
 5D18 6D18 5D 6

N-C= 24 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
 (21) Uc = N/Ac/fc = 0.17 N = -422.
 (21) Mx = 251. Ncx = -422.
 (19) My = -158. Ncy = -393.
 AscX(21)= 1095. AscY(19)= 926. Rsc= 2.02 Asvc(0)= 118.1 Rsvc= 0.60
 5D18 4D18 5D 6

N-B= 1 (1)B*H(mm)= 400* 950 Lb= 9.60(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 79. 442. 626. 273. 0. -M= -481. 0. 0. -4. -656.
 (49) (45) (27) (1) (1) (20) (1) (1) (23) (19)
 As= 1140. 1215. 2384. 992. 1140. As= 1326. 950. 950. 950. 1913.
 (0) (45) (27) (1) (0) (20) (0) (0) (0) (11)
 5D18 5D18 8D20 4D18 5D18 6D18 4D18 4D18 4D18 8D18
 Rs= 0.30 0.32 0.63 0.26 0.30 Rs= 0.35 0.25 0.25 0.25 0.50
 V(19)= 350. Asv(0)= 71. 3D 6 Rsv= 0.18
 T & V(74)= 1.0 & 302. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 2 (1)B*H(mm)= 400* 950 Lb= 9.60(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 273. 545. 273. 0. -M= -584. -10. 0. -9. -565.
 (1) (1) (27) (1) (1) (20) (24) (1) (23) (19)
 As= 1140. 992. 2055. 992. 1140. As= 1784. 950. 950. 950. 1658.
 (0) (1) (27) (1) (0) (1) (0) (0) (0) (1)
 5D18 4D18 7D20 4D18 5D18 8D18 4D18 4D18 4D18 7D18
 Rs= 0.30 0.26 0.54 0.26 0.30 Rs= 0.47 0.25 0.25 0.25 0.44
 V(20)= 311. Asv(0)= 71. 3D 6 Rsv= 0.18
 T & V(74)= 0.4 & 273. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 3 (1)B*H(mm)= 400* 950 Lb= 9.60(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 273. 547. 273. 0. -M= -561. -6. 0. -14. -591.
 (1) (1) (27) (1) (1) (20) (24) (1) (23) (19)
 As= 1140. 992. 2060. 992. 1140. As= 1637. 950. 950. 950. 1801.
 (0) (1) (27) (1) (0) (1) (0) (0) (0) (1)
 5D18 4D18 7D20 4D18 5D18 7D18 4D18 4D18 4D18 8D18
 Rs= 0.30 0.26 0.54 0.26 0.30 Rs= 0.43 0.25 0.25 0.25 0.47
 V(19)= 313. Asv(0)= 71. 3D 6 Rsv= 0.18
 T & V(73)= -0.4 & 274. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 4 (1)B*H(mm)= 400* 950 Lb= 9.60(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 273. 616. 401. 33. -M= -638. -3. 0. 0. -494.
 (1) (1) (27) (46) (50) (20) (24) (1) (1) (19)
 As= 1140. 995. 2344. 1099. 1140. As= 1864. 950. 950. 950. 1365.
 (0) (1) (27) (46) (0) (12) (0) (0) (0) (19)
 5D18 4D18 8D20 5D18 5D18 8D18 4D18 4D18 4D18 6D18
 Rs= 0.30 0.26 0.62 0.29 0.30 Rs= 0.49 0.25 0.25 0.25 0.36
 V(20)= 342. Asv(0)= 71. 3D 6 Rsv= 0.18
 T & V(22)= 0.4 & 294. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 5 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 37. 57. 71. 38. -M= -127. -24. 0. -22. -102.
 (1) (1) (46) (46) (50) (20) (24) (1) (23) (19)
 As= 337. 297. 445. 437. 337. As= 813. 281. 281. 281. 641.
 (0) (1) (27) (46) (0) (20) (0) (0) (0) (19)

2D18 2D18 2D18 2018 2D18 4D18 2D18 2D18 2D18 3D18
 Rs= 0.30 0.26 0.40 0.39 0.30 Rs= 0.72 0.25 0.25 0.25 0.57
 V(20)= 110. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(73)= -0.2 & 86. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 6 (1)B*H(mm)= 300* 650 Lb= 6.90(m)
 -I- -I- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 130. 203. 163. 193. 121. -M= -328. -78. 0. -71. -325.
 (51) (47) (27) (48) (52) (22) (26) (1) (25) (21)
 As= 585. 843. 905. 798. 585. As= 1417. 488. 488. 488. 1401.
 (0) (47) (27) (48) (0) (22) (0) (0) (0) (21)
 3D18 4D18 4D18 4D18 3D18 6D18 2D18 2D18 2D18 6D18
 Rs= 0.30 0.43 0.46 0.41 0.30 Rs= 0.73 0.25 0.25 0.25 0.72
 V(21)= 194. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(53)= -0.5 & 134. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 7 (1)B*H(mm)= 300* 650 Lb= 6.90(m)
 -I- -I- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 93. 220. 233. 212. 88. -M= -364. -59. 0. -51. -357.
 (51) (47) (27) (48) (52) (74) (26) (1) (25) (21)
 As= 585. 917. 1333. 884. 585. As= 1588. 488. 488. 488. 1554.
 (0) (47) (27) (48) (0) (74) (0) (0) (0) (21)
 3D18 4D18 6D18 4D18 3D18 7D18 2D18 2D18 2D18 7D18
 Rs= 0.30 0.47 0.68 0.45 0.30 Rs= 0.81 0.25 0.25 0.25 0.80
 V(22)= 228. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(74)= 0.1 & 228. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 8 (1)B*H(mm)= 300* 650 Lb= 6.90(m)
 -I- -I- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 86. 215. 234. 208. 80. -M= -355. -54. 0. -46. -348.
 (51) (47) (27) (48) (52) (74) (26) (1) (25) (21)
 As= 585. 898. 1338. 866. 585. As= 1546. 488. 488. 488. 1513.
 (0) (47) (27) (48) (0) (74) (0) (0) (0) (21)
 3D18 4D18 6D18 4D18 3D18 7D18 2D18 2D18 2D18 6D18
 Rs= 0.30 0.46 0.69 0.44 0.30 Rs= 0.79 0.25 0.25 0.25 0.78
 V(22)= 226. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(73)= 0.0 & 226. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 9 (1)B*H(mm)= 300* 650 Lb= 6.90(m)
 -I- -I- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 77. 210. 234. 204. 72. -M= -348. -49. 0. -41. -340.
 (51) (47) (27) (48) (52) (74) (26) (1) (25) (21)
 As= 585. 874. 1338. 846. 585. As= 1509. 488. 488. 488. 1472.
 (0) (47) (27) (48) (0) (74) (0) (0) (0) (21)
 3D18 4D18 6D18 4D18 3D18 6D18 2D18 2D18 2D18 6D18
 Rs= 0.30 0.45 0.69 0.43 0.30 Rs= 0.77 0.25 0.25 0.25 0.75
 V(22)= 224. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(73)= -0.1 & 223. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 10 (1)B*H(mm)= 300* 650 Lb= 6.90(m)
 -I- -I- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 70. 208. 234. 198. 64. -M= -338. -44. 0. -37. -333.
 (51) (47) (27) (48) (52) (74) (26) (1) (25) (21)
 As= 585. 856. 1338. 823. 585. As= 1463. 488. 488. 488. 1439.
 (0) (47) (27) (48) (0) (74) (0) (0) (0) (21)
 3D18 4D18 6D18 4D18 3D18 6D18 2D18 2D18 2D18 6D18
 Rs= 0.30 0.44 0.69 0.42 0.30 Rs= 0.75 0.25 0.25 0.25 0.74
 V(21)= 221. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(53)= 0.4 & 180. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 11 (1)B*H(mm)= 300* 650 Lb= 6.90(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 81. 176. 167. 166. 71. -M= -273. -43. 0. -38. -271.
 (51) (47) (27) (48) (52) (74) (26) (1) (25) (21)
 As= 585. 723. 929. 680. 585. As= 1156. 488. 488. 488. 1147.
 (0) (47) (27) (48) (0) (74) (0) (0) (0) (21)
 3D18 3D18 4D18 3D18 3D18 5D18 2D18 2D18 2D18 5D18
 Rs= 0.30 0.37 0.48 0.35 0.30 Rs= 0.59 0.25 0.25 0.25 0.59
 V(21)= 178. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(74)= 0.2 & 177. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Ast1 = 0. OD 0

N-B= 12 (1)B*H(mm)= 300* 300 Lb= 3.30(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 25. 31. 20. 30. 24. -M= -67. -23. 0. -23. -68.
 (51) (47) (1) (48) (52) (22) (26) (1) (25) (21)
 As= 270. 293. 254. 288. 270. As= 682. 225. 225. 225. 692.
 (0) (47) (1) (48) (0) (22) (0) (0) (0) (21)
 2D18 2D18 1D18 2D18 2D18 3D18 1D18 1D18 1D18 3D18
 Rs= 0.30 0.33 0.28 0.32 0.30 Rs= 0.76 0.25 0.25 0.25 0.77
 V(21)= 72. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(74)= 0.3 & 71. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Ast1 = 0. OD 0

N-B= 13 (1)B*H(mm)= 400* 950 Lb= 9.60(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 46. 499. 790. 337. 0. -M= -531. 0. 0. 0. -757.
 (49) (45) (27) (1) (1) (20) (1) (1) (1) (19)
 As= 1140. 1382. 3084. 1235. 1140. As= 1471. 950. 950. 950. 2425.
 (0) (27) (27) (1) (0) (20) (0) (0) (0) (1)
 5D18 6D18 7D25 5D18 5D18 6D18 4D18 4D18 4D18 8D20
 Rs= 0.30 0.36 0.81 0.33 0.30 Rs= 0.39 0.25 0.25 0.25 0.64
 V(19)= 412. Asv(0)= 71. 3D 6 Rsv= 0.18
 T & V(73)= -1.1 & 361. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Ast1 = 0. OD 0

N-B= 14 (1)B*H(mm)= 300* 300 Lb= 3.30(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 20. 30. 25. 31. 21. -M= -72. -22. 0. -21. -70.
 (51) (47) (1) (48) (52) (22) (26) (1) (25) (21)
 As= 270. 287. 324. 299. 270. As= 739. 225. 225. 225. 712.
 (0) (47) (1) (48) (0) (22) (0) (0) (0) (21)
 2D18 2D18 2D18 2D18 2D18 3D18 1D18 1D18 1D18 3D18
 Rs= 0.30 0.32 0.36 0.33 0.30 Rs= 0.82 0.25 0.25 0.25 0.79
 V(22)= 78. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(53)= -0.2 & 54. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Ast1 = 0. OD 0

N-B= 15 (1)B*H(mm)= 400* 950 Lb= 9.60(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 0. 337. 692. 337. 0. -M= -680. 0. 0. 0. -654.
 (1) (1) (27) (1) (1) (20) (24) (1) (1) (19)
 As= 1140. 1235. 2664. 1235. 1140. As= 2271. 950. 950. 950. 2107.
 (0) (1) (27) (1) (0) (1) (0) (0) (0) (1)
 5D18 5D18 6D25 5D18 5D18 8D20 4D18 4D18 4D18 7D20
 Rs= 0.30 0.33 0.70 0.33 0.30 Rs= 0.60 0.25 0.25 0.25 0.55
 V(20)= 369. Asv(0)= 71. 3D 6 Rsv= 0.18
 T & V(73)= -0.4 & 331. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Ast1 = 0. OD 0

N-B= 16 (1)B*H(mm)= 300* 300 Lb= 3.30(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 19. 30. 25. 29. 18. -M= -69. -21. 0. -22. -71.
 (51) (47) (1) (48) (52) (22) (26) (1) (25) (21)
 As= 270. 281. 324. 272. 270. As= 706. 225. 225. 225. 724.
 (0) (47) (1) (48) (0) (22) (0) (0) (0) (21)

2D18 2D18 2D18 2D18 2D18 3D18 1D18 1D18 1D18 3D18
 Rs= 0.30 0.31 0.36 0.30 0.30 Rs= 0.78 0.25 0.25 0.25 0.80
 V(21)= 77. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(22)= 0.0 & 76. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 17 (1)B*H(mm)= 400* 950 Lb= 9.60(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 337. 695. 337. 0. -M= -650. 0. 0. -4. -686.
 (1) (1) (27) (1) (1) (20) (1) (1) (23) (19)
 As= 1140. 1235. 2673. 1235. 1140. As= 2086. 950. 950. 950. 2282.
 (0) (1) (27) (1) (0) (1) (0) (0) (0) (1)
 5D18 5D18 6D25 5D18 5D18 7D20 4D18 4D18 4D18 8D20
 Rs= 0.30 0.33 0.70 0.33 0.30 Rs= 0.55 0.25 0.25 0.25 0.60
 V(19)= 370. Asv(0)= 71. 3D 6 Rsv= 0.18
 T & V(73)= -0.3 & 332. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 18 (1)B*H(mm)= 300* 300 Lb= 3.30(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 18. 29. 25. 28. 16. -M= -68. -20. 0. -21. -69.
 (51) (47) (1) (48) (52) (22) (26) (1) (25) (21)
 As= 270. 272. 324. 262. 270. As= 687. 225. 225. 225. 706.
 (0) (47) (1) (48) (0) (22) (0) (0) (0) (21)
 2D18 2D18 2D18 2D18 2D18 3D18 1D18 1D18 1D18 3D18
 Rs= 0.30 0.30 0.36 0.29 0.30 Rs= 0.76 0.25 0.25 0.25 0.78
 V(21)= 76. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(74)= 0.0 & 74. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 19 (1)B*H(mm)= 400* 950 Lb= 9.60(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 338. 776. 449. 0. -M= -736. 0. 0. 0. -554.
 (1) (1) (27) (46) (1) (20) (1) (1) (1) (19)
 As= 1140. 1238. 3023. 1251. 1140. As= 2363. 950. 950. 950. 1538.
 (0) (1) (27) (27) (0) (1) (0) (0) (0) (19)
 5D18 5D18 7D25 5D18 5D18 8D20 4D18 4D18 4D18 7D18
 Rs= 0.30 0.33 0.80 0.33 0.30 Rs= 0.62 0.25 0.25 0.25 0.40
 V(20)= 402. Asv(0)= 71. 3D 6 Rsv= 0.18
 T & V(73)= -0.3 & 355. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 20 (1)B*H(mm)= 300* 300 Lb= 3.30(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 16. 27. 25. 27. 15. -M= -66. -19. 0. -20. -68.
 (51) (47) (1) (48) (52) (22) (26) (1) (25) (21)
 As= 270. 260. 324. 253. 270. As= 671. 225. 225. 225. 684.
 (0) (47) (1) (48) (0) (22) (0) (0) (0) (21)
 2D18 2D18 2D18 1D18 2D18 3D18 1D18 1D18 1D18 3D18
 Rs= 0.30 0.29 0.36 0.28 0.30 Rs= 0.75 0.25 0.25 0.25 0.76
 V(21)= 74. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(73)= -0.2 & 74. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 21 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 48. 73. 77. 31. -M= -145. -24. 0. -18. -111.
 (1) (1) (27) (46) (50) (20) (24) (1) (23) (19)
 As= 337. 387. 612. 475. 337. As= 951. 281. 281. 281. 704.
 (0) (1) (27) (46) (0) (1) (0) (0) (0) (19)
 2D18 2D18 3D18 2D18 2D18 4D18 2D18 2D18 2D18 3D18
 Rs= 0.30 0.34 0.54 0.42 0.30 Rs= 0.85 0.25 0.25 0.25 0.63
 V(20)= 127. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(74)= 0.3 & 101. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 22 (1)B*H(mm)= 300* 300 Lb= 3.30(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 14. 24. 20. 23. 13. -M= -58. -17. 0. -17. -58.
 (51) (47) (1) (48) (52) (22) (26) (1) (25) (21)
 As= 270. 225. 254. 225. 270. As= 574. 225. 225. 225. 579.
 (0) (0) (1) (0) (0) (22) (0) (0) (0) (21)
 2D18 1D18 1D18 1D18 2D18 3D18 1D18 1D18 1D18 3D18
 Rs= 0.30 0.25 0.28 0.25 0.30 Rs= 0.64 0.25 0.25 0.25 0.64
 V(21)= 65. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(73)= -0.2 & 65. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 23 (1)B*H(mm)= 400* 950 Lb= 9.60(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 78. 439. 699. 290. 0. -M= -493. 0. 0. -32. -700.
 (49) (45) (27) (1) (1) (20) (1) (1) (23) (19)
 As= 1140. 1207. 2691. 1058. 1140. As= 1361. 950. 950. 950. 2196.
 (0) (45) (27) (1) (0) (20) (0) (0) (0) (1)
 5D18 5D18 6D25 5D18 5D18 6D18 4D18 4D18 4D18 7D20
 Rs= 0.30 0.32 0.71 0.28 0.30 Rs= 0.36 0.25 0.25 0.25 0.58
 V(19)= 355. Asv(0)= 71. 3D 6 Rsv= 0.18
 T & V(21)= -0.5 & 307. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 24 (1)B*H(mm)= 400* 950 Lb= 9.60(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 342. 636. 295. 0. -M= -650. 0. 0. -24. -593.
 (1) (1) (27) (1) (1) (20) (1) (1) (23) (19)
 As= 1140. 1254. 2427. 1075. 1140. As= 2166. 950. 950. 950. 1856.
 (0) (1) (27) (1) (0) (1) (0) (0) (0) (1)
 5D18 5D18 8D20 5D18 5D18 7D20 4D18 4D18 4D18 8D18
 Rs= 0.30 0.33 0.64 0.28 0.30 Rs= 0.57 0.25 0.25 0.25 0.49
 V(20)= 403. Asv(0)= 71. 3D 6 Rsv= 0.18
 T & V(74)= 1.2 & 365. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 25 (1)B*H(mm)= 400* 950 Lb= 9.60(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 290. 630. 290. 0. -M= -586. -18. 0. -24. -610.
 (1) (1) (27) (1) (1) (20) (24) (1) (23) (19)
 As= 1140. 1058. 2401. 1058. 1140. As= 1824. 950. 950. 950. 1971.
 (0) (1) (27) (1) (0) (1) (0) (0) (0) (1)
 5D18 5D18 8D20 5D18 5D18 8D18 4D18 4D18 4D18 8D18
 Rs= 0.30 0.28 0.63 0.28 0.30 Rs= 0.48 0.25 0.25 0.25 0.52
 V(19)= 314. Asv(0)= 71. 3D 6 Rsv= 0.18
 T & V(74)= 0.4 & 276. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 26 (1)B*H(mm)= 400* 950 Lb= 9.60(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 291. 702. 401. 27. -M= -656. -12. 0. 0. -508.
 (1) (1) (27) (46) (50) (20) (24) (1) (1) (19)
 As= 1140. 1061. 2702. 1099. 1140. As= 2038. 950. 950. 950. 1406.
 (0) (1) (27) (46) (0) (1) (0) (0) (0) (19)
 5D18 5D18 6D25 5D18 5D18 7D20 4D18 4D18 4D18 6D18
 Rs= 0.30 0.28 0.71 0.29 0.30 Rs= 0.54 0.25 0.25 0.25 0.37
 V(20)= 343. Asv(0)= 71. 3D 6 Rsv= 0.18
 T & V(74)= 0.3 & 296. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 27 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 36. 57. 67. 41. -M= -122. -27. 0. -26. -99.
 (1) (1) (27) (46) (50) (20) (20) (1) (23) (19)
 As= 337. 289. 469. 411. 337. As= 777. 281. 281. 281. 620.
 (0) (1) (27) (46) (0) (20) (0) (0) (0) (19)

2D18 2D18 2D18 2D18 2D18 4D18 2D18 2D18 2D18 3D18
 Rs= 0.30 0.26 0.42 0.37 0.30 Rs= 0.69 0.25 0.25 0.25 0.55
 V(20)= 97. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(73)= -0.3 & 71. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 28 (1)B*H(mm)= 300* 650 Lb= 6.90(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 121. 193. 162. 202. 129. -M= -325. -71. 0. -78. -330.
 (51) (47) (27) (48) (52) (22) (26) (1) (25) (73)
 As= 585. 798. 901. 839. 585. As= 1399. 488. 488. 488. 1422.
 (0) (47) (27) (48) (0) (22) (0) (0) (0) (73)
 3D18 4D18 4D18 4D18 3D18 6D18 2D18 2D18 2D18 6D18
 Rs= 0.30 0.41 0.46 0.43 0.30 Rs= 0.72 0.25 0.25 0.25 0.73
 V(22)= 194. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(54)= 0.1 & 114. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 29 (1)B*H(mm)= 300* 650 Lb= 6.90(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 110. 192. 175. 198. 114. -M= -325. -65. 0. -75. -334.
 (51) (47) (27) (48) (52) (22) (26) (1) (25) (73)
 As= 585. 795. 979. 823. 585. As= 1401. 488. 488. 488. 1445.
 (0) (47) (27) (48) (0) (22) (0) (0) (0) (73)
 3D18 4D18 4D18 4D18 3D18 6D18 2D18 2D18 2D18 6D18
 Rs= 0.30 0.41 0.50 0.42 0.30 Rs= 0.72 0.25 0.25 0.25 0.74
 V(21)= 199. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(22)= 0.0 & 198. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 30 (1)B*H(mm)= 300* 650 Lb= 6.90(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 79. 207. 233. 215. 86. -M= -349. -47. 0. -54. -355.
 (51) (47) (27) (48) (52) (22) (26) (1) (25) (73)
 As= 585. 862. 1334. 897. 585. As= 1518. 488. 488. 488. 1545.
 (0) (47) (27) (48) (0) (22) (0) (0) (0) (73)
 3D18 4D18 6D18 4D18 3D18 6D18 2D18 2D18 2D18 7D18
 Rs= 0.30 0.44 0.68 0.46 0.30 Rs= 0.78 0.25 0.25 0.25 0.79
 V(22)= 226. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(74)= 0.0 & 226. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 31 (1)B*H(mm)= 300* 650 Lb= 6.90(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 71. 203. 234. 211. 78. -M= -341. -42. 0. -49. -347.
 (51) (47) (27) (48) (52) (22) (26) (1) (25) (73)
 As= 585. 842. 1337. 876. 585. As= 1478. 488. 488. 488. 1504.
 (0) (47) (27) (48) (0) (22) (0) (0) (0) (73)
 3D18 4D18 6D18 4D18 3D18 6D18 2D18 2D18 2D18 6D18
 Rs= 0.30 0.43 0.69 0.45 0.30 Rs= 0.76 0.25 0.25 0.25 0.77
 V(22)= 224. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(21)= 0.0 & 223. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 32 (1)B*H(mm)= 300* 650 Lb= 6.90(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 63. 198. 234. 206. 71. -M= -334. -38. 0. -43. -337.
 (51) (47) (27) (48) (52) (22) (26) (1) (25) (73)
 As= 585. 820. 1337. 858. 585. As= 1444. 488. 488. 488. 1459.
 (0) (47) (27) (48) (0) (22) (0) (0) (0) (73)
 3D18 4D18 6D18 4D18 3D18 6D18 2D18 2D18 2D18 6D18
 Rs= 0.30 0.42 0.69 0.44 0.30 Rs= 0.74 0.25 0.25 0.25 0.75
 V(22)= 222. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(54)= -0.1 & 156. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 33 (1)B*H(mm)= 300* 650 Lb= 6.90(m)
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 71. 165. 167. 176. 81. -M= -271. -38. 0. -43. -272.
 (51) (47) (27) (48) (52) (22) (26) (1) (25) (73)
 As= 585. 679. 929. 724. 585. As= 1150. 488. 488. 488. 1154.
 (0) (47) (27) (48) (0) (22) (0) (0) (0) (73)
 3D18 3D18 4D18 3D18 3D18 5D18 2D18 2D18 2D18 5D18
 Rs= 0.30 0.35 0.48 0.37 0.30 Rs= 0.59 0.25 0.25 0.25 0.59
 V(22)= 178. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(22)= 0.3 & 178. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 34 (1)B*H(mm)= 400* 950 Lb= 9.60(m)
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 83. 439. 614. 273. 0. -M= -476. 0. 0. -22. -680.
 (49) (45) (27) (1) (1) (20) (1) (1) (23) (19)
 As= 1140. 1206. 2337. 992. 1140. As= 1312. 950. 950. 950. 2019.
 (0) (45) (27) (1) (0) (20) (0) (0) (0) (11)
 5D18 5D18 8D20 4D18 5D18 6D18 4D18 4D18 4D18 8D18
 Rs= 0.30 0.32 0.62 0.26 0.30 Rs= 0.35 0.25 0.25 0.25 0.53
 V(19)= 354. Asv(0)= 71. 3D 6 Rsv= 0.18
 T & V(22)= 0.7 & 303. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 35 (1)B*H(mm)= 400* 950 Lb= 9.60(m)
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 324. 552. 277. 0. -M= -630. 0. 0. -14. -572.
 (1) (1) (27) (1) (1) (20) (1) (1) (23) (19)
 As= 1140. 1187. 2080. 1009. 1140. As= 1987. 950. 950. 950. 1681.
 (0) (1) (27) (1) (0) (1) (0) (0) (0) (1)
 5D18 5D18 7D20 4D18 5D18 8D18 4D18 4D18 4D18 7D18
 Rs= 0.30 0.31 0.55 0.27 0.30 Rs= 0.52 0.25 0.25 0.25 0.44
 V(20)= 401. Asv(0)= 71. 3D 6 Rsv= 0.18
 T & V(73)= -1.4 & 363. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 36 (1)B*H(mm)= 400* 950 Lb= 9.60(m)
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 273. 545. 273. 0. -M= -565. -9. 0. -14. -590.
 (1) (1) (27) (1) (1) (20) (24) (1) (23) (19)
 As= 1140. 992. 2053. 992. 1140. As= 1648. 950. 950. 950. 1796.
 (0) (1) (27) (1) (0) (1) (0) (0) (0) (1)
 5D18 4D18 7D20 4D18 5D18 7D18 4D18 4D18 4D18 8D18
 Rs= 0.30 0.26 0.54 0.26 0.30 Rs= 0.43 0.25 0.25 0.25 0.47
 V(19)= 312. Asv(0)= 71. 3D 6 Rsv= 0.18
 T & V(73)= -0.4 & 277. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 37 (1)B*H(mm)= 400* 950 Lb= 9.60(m)
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 273. 616. 401. 32. -M= -636. -2. 0. 0. -495.
 (1) (1) (27) (46) (50) (20) (24) (1) (1) (19)
 As= 1140. 995. 2345. 1097. 1140. As= 1859. 950. 950. 950. 1368.
 (0) (1) (27) (46) (0) (12) (0) (0) (0) (19)
 5D18 4D18 8D20 5D18 5D18 8D18 4D18 4D18 4D18 6D18
 Rs= 0.30 0.26 0.62 0.29 0.30 Rs= 0.49 0.25 0.25 0.25 0.36
 V(20)= 342. Asv(0)= 71. 3D 6 Rsv= 0.18
 T & V(73)= -0.4 & 293. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 38 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 37. 57. 71. 37. -M= -127. -24. 0. -22. -102.
 (1) (1) (46) (46) (50) (20) (24) (1) (23) (19)
 As= 337. 297. 445. 435. 337. As= 812. 281. 281. 281. 643.
 (0) (1) (27) (46) (0) (20) (0) (0) (0) (19)

	2D18	2D18	2D18	2D18	2D18		4D18	2D18	2D18	2D18	3D18
Rs=	0.30	0.26	0.40	0.39	0.30	Rs=	0.72	0.25	0.25	0.25	0.57
V(20)=	110.	Asv(0)=	45.	2D 6	Rsv=	0.18					
T & V(74)=	0.2 &	86.	Ast(0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			
