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*****
>                               Output of Floors Mass and Center
>                               TAT-R.OUT                               NO.3
> -----
>                               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)
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Flr	Tower	Weight (kN)	F-Weight (kN)	Mass (t)	X-Center (m)	Y-Center (m)	Ver-Load (kN)	R-Mass (t*m2)
2	1	4705.0	4705.	470.5	74.1	11.0	3667.4	44764.
1	1	10439.1	15144.	1043.9	74.1	12.8	8301.8	138315.

Total Vertical Loads = 11969. (kN)
 Total Structure Weight = 15144. (kN)
 Total Mass = 1514.4 (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	113.57	-0.30	146.64	1028.5	6.27

Flr	Tower	Y-Wind (kN)	Y-D (m)	Y-Wind-V (kN)	Y-Wind-M (kN-m)	hh (m)
2	1	46.41	-0.01	46.41	153.1	3.30
1	1	105.86	-0.06	152.27	1107.9	6.27

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*****
* Output of Period and Earthquake Forces and Displacements of Floor *
* TAT-4.0HT *
* ----- *
* 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 = 0.8314 (s) T2 = 0.2075 (s)

The Vibration Modes-X & Earthquake Forces-X

No	Nt	Mode 1	Force 1 (kN)	Mode 2	Force 2 (kN)
2	1	1.0000	339.19	-1.0000	-45.66
1	1	0.8333	625.28	0.5409	54.79

Qox = 963.517 (kN) Qox/Ge = 6.36%
Mox = 7157.629 (kN-m)

=====
The Vibration of Y-Direction

Y-Direction Period (Second)

T1 = 0.7519 (s) T2 = 0.1793 (s)

The Vibration Modes-Y & Earthquake Forces-Y

No	Nt	Mode 1	Force 1 (kN)	Mode 2	Force 2 (kN)
2	1	1.0000	374.69	-1.0000	-50.68
1	1	0.8158	678.01	0.5525	62.13

Qoy = 1052.677 (kN) Qoy/Ge = 6.95%
Moy = 7836.662 (kN-m)

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

==== TYPE1 ==== 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	12.59	0.00	0.00004	1/1615.	2.04	3.30
1	1	10.49	0.00	0.00003	1/ 598.	10.49	6.27

Tower = 1 (Dmax/Hmax=1/ 760.), Dmax= 12.6(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	11.40	0.00000	1/1567.	2.11	3.30
1	1	0.00	9.30	0.00000	1/ 674.	9.30	6.27

Tower = 1 (Dmax/Hmax=1/ 839.), Dmax= 11.4(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	1.83	0.00	0.00001	1/9999.	0.25	3.30
1	1	1.58	0.00	0.00000	1/3968.	1.58	6.27

Tower = 1 (Dmax/Hmax=1/5217.), Dmax= 1.8(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	1.62	0.00000	1/9999.	0.28	3.30
1	1	0.00	1.34	0.00000	1/4685.	1.34	6.27

Tower = 1 (Dmax/Hmax=1/5910.), Dmax= 1.6(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	0.01	-0.03	0.00000
1	1	0.01	0.00	0.00000

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

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

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*****
*                               Output of Reinforcements                               *
*                               PJ-1.OUT                                           *
* -----                                                                    *
*                               Symbols:                                           *
* B,B --- Height and Width of section(m)                                         *
* Lc,Lw,Lg,Lb --- Length of column, shear wall, brace and beam(m)              *
* COLUMN:                                                                        *
* (NUc)Uc --- Ratio of axial force to section axial strength(N/A*fc)          *
* NUc --- Combinatorial number which controls Uc                                *
* Asc,x,y(NAsc) --- Reinforcement area at one side of column(mm2)              *
* Asc(NAsc) --- Reinforcement area of column of circular section(mm2)          *
* NAsc --- Combinatorial number which controls Asc                              *
* 0 --- Minimum reinforcement                                                    *
* Mc,Nc(x,y) --- Moment and axial force which controls Asc                     *
* Esc --- Ratio of reinforcement of column(As/B*B)                             *
* Asvc(NAsvc) --- Reinforcement area of stirrups for column(mm2)              *
*                               in certain spacing                               *
* NAsvc --- Combinatorial number which controls Asvc                            *
* 0 --- Minimum reinforcement                                                    *
* Vc,Nc(x,y) --- Shear and axial force which controls Asvc                     *
* Esvc --- Volumetric ratio of stirrups of column(Vs/Vc)                       *
* Vs --- Volume of stirrups in column                                            *
* Vc --- Volume of concrete Vc = B*B*H*Sc                                       *
* Sc --- Distance of stirrups in column                                          *
* WALL:                                                                            *
* Arfw --- Angle of section between wall axis and coordinate axis               *
* N(i1-i2) --- Number of branch of shear wall                                    *
* i1-i2 --- Number of nodes in front and back of wall branch                   *
* T*L --- Thickness and length of wall branch                                    *
* aa --- Thickness of nominal cover(mm)(thickness of the wall)                *
* As --- Reinforcement area in the embedded column at one end(mm2)              *
*                               of branch                                         *
* Rs --- Ratio of reinforcement of branch(As/2*T*L)                             *
* (NAs)M,N --- Moment and axial force which controls As                        *
* NAs --- Combinatorial number which controls As                                *
* Ash --- Horizontal reinforcement area in certain spacing(mm2)                *
* Rsh --- Ratio of horizontal reinforcement(Ash/T*L*Swh)                       *
* (NAs)V,Nh --- Shear and axial force which controls Ash                       *
* NAs --- Combinatorial number which controls Ash                               *
* Swh --- Distance of horizontal bar in wall                                     *
* BEAM:                                                                            *
* +M(Nm) --- Maximum positive moment of beam on 1,1,2,3,J                      *
*                               with equal spacing                               *
* -M(Nm) --- Maximum negative moment of beam on 1,1,2,3,J                      *
*                               with equal spacing                               *
* Nm --- Combinatorial number which controls +M and -M                         *
* As(NAs) --- Reinforcement area of beam on 1,1,2,3,J(mm2)                    *
*                               with equal spacing                               *
* NAs --- Combinatorial number which controls As                                *
* 0 --- Minimum reinforcement                                                    *
* Rs --- Ratio of reinforcement of beam(As/B*B*K)                               *
* V(NV) --- Maximum combined shear of beam                                       *
* NV --- Combinatorial number which controls V                                  *
* Asv(NAsv) --- Reinforcement area of stirrups(mm2)                            *
* NAsv --- Combinatorial number which controls Asv                              *
* 0 --- Minimum reinforcement                                                    *
* Rsv --- Ratio of stirrups of beam(Asv/B*B*Sb)                                 *
* T & V(NTV) --- Maximum Combined torsion and shear(kN-m)                     *
* NTV --- Combinatorial number which controls T & V                            *
* Ast(NAst) --- Longitudinal reinforcement area by torsion and shear           *
* NAs --- Combinatorial number which controls Ast                               *
* 0 --- Minimum reinforcement                                                    *
* Astv --- Reinforcement area of stirrups by torsion and shear(mm2)          *

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* 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-R
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	1.200	0.000	0.000	0.000	1.200	0.000	0.000
20	-1.200	0.000	0.000	0.000	1.200	0.000	0.000
21	0.000	1.300	0.000	0.000	1.200	0.000	0.000
22	0.000	-1.300	0.000	0.000	1.200	0.000	0.000
23	1.200	0.000	0.000	0.000	1.000	0.500	0.000
24	-1.200	0.000	0.000	0.000	1.000	0.500	0.000
25	0.200	1.200	0.000	0.000	1.000	0.500	0.000
26	0.000	-1.200	0.000	0.000	1.000	0.500	0.000

No. of Floor = 1

N-C= 1 (1)BxB(mm)= 400x 400 Lc= 6.27(m)
 (20) Uc = N/Ac/fc = 0.06 N = -127.
 (26) Mx = -80. Ncx = -100.
 (26) My = 121. Ncy = -127.
 Ascx(26)= 508. AscY(20)= 735. Rsc= 1.63 Asvc(0)= 70.0 Rsvc= 0.40
 2D18 4D18 3D 6

N-C= 2 (1)BxB(mm)= 400x 400 Lc= 6.27(m)
 (22) Uc = N/Ac/fc = 0.10 N = -210.
 (26) Mx = -81. Ncx = -178.
 (23) My = -123. Ncy = -166.
 Ascx(26)= 459. AscY(23)= 781. Rsc= 1.55 Asvc(0)= 70.0 Rsvc= 0.40
 2D18 4D18 3D 6

N-C= 3 (1)BxB(mm)= 400x 400 Lc= 6.27(m)
 (22) Uc = N/Ac/fc = 0.10 N = -195.
 (26) Mx = -81. Ncx = -166.
 (23) My = -119. Ncy = -144.
 Ascx(26)= 472. AscY(23)= 766. Rsc= 1.55 Asvc(0)= 70.0 Rsvc= 0.40
 2D18 4D18 3D 6

N-C= 4 (1)BxB(mm)= 400x 400 Lc= 6.27(m)
 (22) Uc = N/Ac/fc = 0.10 N = -210.

(26) Mx = -81. Ncx = -179.
 (24) My = 123. Ncy = -166.
 Ascx(26)= 461. Ascyl(24)= 779. Rsc= 1.55 Asvc(0)= 70.0 Rsvc= 0.40
 2018 4D18 3D 6

N-C= 5 (1)B*H(mm)= 400* 400 Lc= 6.27(m)
 (19) Uc = N/Ac/fc = 0.06 N = -127.
 (26) Mx = -80. Ncx = -106.
 (19) My = -121. Ncy = -127.
 Ascx(26)= 511. Ascyl(19)= 736. Rsc= 1.63 Asvc(0)= 70.0 Rsvc= 0.40
 3D18 4D18 3D 6

N-C= 6 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
 (20) Uc = N/Ac/fc = 0.22 N = -544.
 (26) Mx = -195. Ncx = -450.
 (24) My = 146. Ncy = -461.
 Ascx(26)= 729. Ascyl(24)= 730. Rsc= 1.51 Asvc(0)= 78.8 Rsvc= 0.40
 3D18 4D18 3D 6

N-C= 7 (1)B*B(mm)= 400* 500 Lc= 6.27(m)
 (22) Uc = N/Ac/fc = 0.34 N = -853.
 (26) Mx = -201. Ncx = -716.
 (23) My = -145. Ncy = -692.
 Ascx(26)= 557. Ascyl(23)= 620. Rsc= 1.21 Asvc(0)= 78.8 Rsvc= 0.40
 3D18 3D18 3D 6

N-C= 8 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
 (22) Uc = N/Ac/fc = 0.35 N = -822.
 (23) Mx = -200. Ncx = -690.
 (23) My = -145. Ncy = -657.
 Ascx(26)= 553. Ascyl(23)= 617. Rsc= 1.21 Asvc(0)= 78.8 Rsvc= 0.40
 3D18 3D18 3D 6

N-C= 9 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
 (22) Uc = N/Ac/fc = 0.33 N = -827.
 (26) Mx = -261. Ncx = -694.
 (23) My = -144. Ncy = -653.
 Ascx(26)= 596. Ascyl(23)= 626. Rsc= 1.22 Asvc(0)= 78.8 Rsvc= 0.40
 3D18 3D18 3D 6

N-C= 10 (1)B*B(mm)= 400* 500 Lc= 6.27(m)
 (19) Uc = N/Ac/fc = 0.22 N = -538.
 (26) Mx = -136. Ncx = -445.
 (23) My = -144. Ncy = -456.
 Ascx(26)= 744. Ascyl(23)= 767. Rsc= 1.51 Asvc(0)= 78.8 Rsvc= 0.40
 3F18 4D18 3D 6

N-C= 11 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
 (20) Uc = N/Ac/fc = 0.23 N = -582.
 (25) Mx = 192. Ncx = -478.
 (24) My = 143. Ncy = -494.
 Ascx(25)= 689. Ascyl(24)= 715. Rsc= 1.41 Asvc(0)= 73.8 Rsvc= 0.40
 3D18 3D18 3D 6

N-C= 12 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
 (21) Uc = N/Ac/fc = 0.35 N = -881.
 (25) Mx = 199. Ncx = -739.
 (23) My = -142. Ncy = -718.
 Ascx(25)= 561. Ascyl(23)= 582. Rsc= 1.14 Asvc(0)= 78.8 Rsvc= 0.40
 3D18 3D18 3D 6

N-C= 13 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
 (21) Uc = N/Ac/fc = 0.34 N = -850.
 (25) Mx = 198. Ncx = -713.
 (23) My = -140. Ncy = -694.
 Ascx(25)= 568. Ascyl(23)= 581. Rsc= 1.15 Asvc(0)= 78.8 Rsvc= 0.40
 -205-

	2018	3018		20 6	
N-C= 14 (1)B*B(mm)= 400*	500	Lc= 6.27(m)			
(31) Uc = N/Ac/fc =	0.34	N =	-858.		
(25) Mx =	199.	Nex =	-720.		
(23) My =	-141.	Ney =	-633.		
Ascx(25)=	589.	Ascy(23)=	589.	Rsc= 1.16	Asvc(0)= 78.8
	3018		3018		Rsvc= 0.40
					30 6
N-C= 15 (1)B*B(mm)= 400*	500	Lc= 6.27(m)			
(19) Uc = N/Ac/fc =	0.23	N =	-580.		
(25) Mx =	194.	Nex =	-475.		
(23) My =	-140.	Ney =	-491.		
Ascx(25)=	702.	Ascy(23)=	702.	Rsc= 1.40	Asvc(0)= 78.8
	3018		3018		Rsvc= 0.40
					30 6
N-C= 16 (1)B*B(mm)= 400*	500	Lc= 6.27(m)			
(20) Uc = N/Ac/fc =	0.22	N =	-548.		
(26) Mx =	-192.	Nex =	-449.		
(24) My =	137.	Ney =	-464.		
Ascx(26)=	715.	Ascy(24)=	707.	Rsc= 1.42	Asvc(0)= 78.8
	3018		3018		Rsvc= 0.40
					30 6
N-C= 17 (1)B*B(mm)= 400*	500	Lc= 6.27(m)			
(22) Uc = N/Ac/fc =	0.32	N =	-811.		
(25) Mx =	-199.	Nex =	-680.		
(24) My =	139.	Ney =	-644.		
Ascx(25)=	593.	Ascy(24)=	592.	Rsc= 1.19	Asvc(0)= 78.8
	3018		3018		Rsvc= 0.40
					30 6
N-C= 18 (1)B*B(mm)= 400*	500	Lc= 6.27(m)			
(22) Uc = N/Ac/fc =	0.22	N =	-791.		
(25) Mx =	-199.	Nex =	-664.		
(23) My =	-129.	Ney =	-636.		
Ascx(23)=	664.	Ascy(23)=	596.	Rsc= 1.20	Asvc(0)= 78.8
	3018		3018		Rsvc= 0.40
					30 6
N-C= 19 (1)B*B(mm)= 400*	500	Lc= 6.27(m)			
(22) Uc = N/Ac/fc =	0.34	N =	-840.		
(26) Mx =	-194.	Nex =	-705.		
(24) My =	147.	Ney =	-695.		
Ascx(26)=	547.	Ascy(24)=	634.	Rsc= 1.18	Asvc(0)= 78.8
	3018		3018		Rsvc= 0.40
					30 6
N-C= 20 (1)B*B(mm)= 400*	500	Lc= 6.27(m)			
(19) Uc = N/Ac/fc =	0.23	N =	-564.		
(26) Mx =	-188.	Nex =	-482.		
(23) My =	-144.	Ney =	-477.		
Ascx(26)=	679.	Ascy(23)=	750.	Rsc= 1.43	Asvc(0)= 78.8
	3018		3018		Rsvc= 0.40
					30 6
N-C= 21 (1)B*B(mm)= 400*	500	Lc= 6.27(m)			
(20) Uc = N/Ac/fc =	0.23	N =	-567.		
(25) Mx =	198.	Nex =	-471.		
(24) My =	140.	Ney =	-479.		
Ascx(25)=	606.	Ascy(24)=	714.	Rsc= 1.41	Asvc(0)= 78.8
	3018		3018		Rsvc= 0.40
					30 6
N-C= 22 (1)B*B(mm)= 400*	500	Lc= 6.27(m)			
(21) Uc = N/Ac/fc =	0.36	N =	-897.		
(25) Mx =	195.	Nex =	-753.		
(21) My =	-137.	Ney =	-724.		
Ascx(25)=	544.	Ascy(23)=	545.	Rsc= 1.09	Asvc(0)= 78.8
	3018		3018		Rsvc= 0.40
					30 6
N-C= 23 (1)B*B(mm)= 400*	500	Lc= 6.27(m)			

(21) $U_c = N/A_c/f_c = 0.35$ $N = -872.$
 (25) $M_x = 198.$ $N_{ex} = -733.$
 (23) $M_y = -136.$ $N_{ey} = -697.$
 $A_{sex}(25) = 559.$ $A_{scy}(23) = 545.$ $R_{sc} = 1.10$ $A_{svc}(0) = 78.8$ $R_{svc} = 0.40$
 3D18 3D18 3D 6

N-C= 24 (1)B*B(mm)= 400* 500 $L_c = 6.27(m)$
 (21) $U_c = N/A_c/f_c = 0.37$ $N = -926.$
 (25) $M_x = 193.$ $N_{ex} = -778.$
 (24) $M_y = 144.$ $N_{ey} = -749.$
 $A_{sex}(25) = 502.$ $A_{scy}(24) = 508.$ $R_{sc} = 1.09$ $A_{svc}(0) = 78.8$ $R_{svc} = 0.40$
 2D18 3D18 3D 6

N-C= 25 (1)B*B(mm)= 400* 500 $L_c = 6.27(m)$
 (19) $U_c = N/A_c/f_c = 0.23$ $N = -583.$
 (25) $M_x = 190.$ $N_{ex} = -484.$
 (23) $M_y = -147.$ $N_{ey} = -492.$
 $A_{sex}(25) = 667.$ $A_{scy}(23) = 759.$ $R_{sc} = 1.43$ $A_{svc}(0) = 78.8$ $R_{svc} = 0.40$
 3D18 3D18 3D 6

N-C= 26 (1)B*B(mm)= 400* 400 $L_c = 6.27(m)$
 (20) $U_c = N/A_c/f_c = 6.10$ $N = -206.$
 (25) $M_x = 97.$ $N_{ex} = -160.$
 (26) $M_y = 128.$ $N_{ey} = -206.$
 $A_{sex}(25) = 589.$ $A_{scy}(20) = 782.$ $R_{sc} = 1.71$ $A_{svc}(0) = 70.0$ $R_{svc} = 0.40$
 3D18 4D18 3D 6

N-C= 27 (1)B*B(mm)= 400* 400 $L_c = 6.27(m)$
 (22) $U_c = N/A_c/f_c = 0.17$ $N = -334.$
 (25) $M_x = 131.$ $N_{ex} = -247.$
 (24) $M_y = 110.$ $N_{ey} = -255.$
 $A_{sex}(25) = 559.$ $A_{scy}(24) = 618.$ $R_{sc} = 1.47$ $A_{svc}(0) = 70.0$ $R_{svc} = 0.40$
 3D18 3D18 3D 6

N-C= 28 (1)B*B(mm)= 400* 400 $L_c = 6.27(m)$
 (22) $U_c = N/A_c/f_c = 6.17$ $N = -546.$
 (26) $M_x = -103.$ $N_{ex} = -284.$
 (28) $M_y = -110.$ $N_{ey} = -285.$
 $A_{sex}(26) = 522.$ $A_{scy}(28) = 600.$ $R_{sc} = 1.40$ $A_{svc}(0) = 70.0$ $R_{svc} = 0.40$
 3D18 3D18 3D 6

N-C= 29 (1)B*B(mm)= 400* 400 $L_c = 6.27(m)$
 (22) $U_c = N/A_c/f_c = 0.17$ $N = -337.$
 (25) $M_x = 102.$ $N_{ex} = -249.$
 (20) $M_y = 112.$ $N_{ey} = -229.$
 $A_{sex}(25) = 564.$ $A_{scy}(20) = 615.$ $R_{sc} = 1.48$ $A_{svc}(0) = 70.0$ $R_{svc} = 0.40$
 3D18 3D18 3D 6

N-C= 30 (1)B*B(mm)= 400* 400 $L_c = 6.27(m)$
 (19) $U_c = N/A_c/f_c = 0.10$ $N = -208.$
 (25) $M_x = 98.$ $N_{ex} = -161.$
 (19) $M_y = -128.$ $N_{ey} = -208.$
 $A_{sex}(25) = 596.$ $A_{scy}(19) = 790.$ $R_{sc} = 1.73$ $A_{svc}(0) = 70.0$ $R_{svc} = 0.40$
 3D18 4D18 3D 6

N-C= 31 (1)B*B(mm)= 400* 400 $L_c = 6.27(m)$
 (21) $U_c = N/A_c/f_c = 0.12$ $N = -236.$
 (25) $M_x = 100.$ $N_{ex} = -203.$
 (24) $M_y = 111.$ $N_{ey} = -179.$
 $A_{sex}(25) = 582.$ $A_{scy}(24) = 677.$ $R_{sc} = 1.57$ $A_{svc}(0) = 70.0$ $R_{svc} = 0.40$
 3D18 3D18 3D 6

N-C= 32 (1)B*B(mm)= 400* 400 $L_c = 6.27(m)$
 (21) $U_c = N/A_c/f_c = 0.12$ $N = -239.$
 (25) $M_x = 100.$ $N_{ex} = -203.$
 (23) $M_y = -112.$ $N_{ey} = -180.$

Ascx(25)= 595. AscY(23)= 690. Rsc= 1.59 Asvc(0)= 70.0 Rsv= 0.40
 3D18 3D18 3D 6

N-C= 33 (1)B*H(mm)= 400* 400 Lc= 6.27(m)

(21) Uc = N/Ac/fc = 0.11 N = -224.

(25) Mx = 100. Ncx = -194.

(23) My = -109. Ncy = -169.

AscX(25)= 591. AscY(23)= 677. Rsc= 1.59 Asvc(0)= 70.0 Rsv= 0.40
 2D18 3D18 3D 6

N-E= 1 (1)B*H(mm)= 300* 300 Lb= 3.60(m)

-1-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-		
+M=	37.	37.	20.	19.	18.	-M=	-54.	-23.	0.	-18.	-57.
	(51)	(47)	(47)	(48)	(52)		(22)	(26)	(1)	(21)	(21)
As=	352.	357.	211.	180.	225.	As=	538.	221.	190.	180.	571.
	(51)	(47)	(39)	(0)	(0)		(22)	(26)	(0)	(0)	(21)
	2D18	2D18	1D18	1D18	1D18		3D18	1D18	1D18	1D18	3D18
Rs=	0.28	0.40	0.23	0.20	0.25	Rs=	0.60	0.25	0.20	0.20	0.63
V(21)=	52.	Asv(0)=	45.	20 6	Rsv=	0.15					
T & V(71)=	-0.2 &	29.	Ast(0)=	0.	0D 0	Astv =	0.	0D 0			
						Ast1 =	0.	0D 0			

N-F= 2 (1)B*H(mm)= 250* 600 Lb= 6.00(m)

-1-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-		
+M=	78.	114.	86.	57.	18.	-M=	-113.	-26.	0.	-19.	-134.
	(49)	(45)	(45)	(46)	(50)		(20)	(24)	(1)	(23)	(19)
As=	275.	509.	493.	300.	375.	As=	503.	300.	300.	300.	603.
	(0)	(45)	(27)	(0)	(0)		(20)	(0)	(0)	(0)	(19)
	2D18	2D18	2D18	2D18	2D18		2D18	2D18	2D18	2D18	3D18
Rs=	0.25	0.34	0.22	0.20	0.25	Rs=	0.34	0.20	0.20	0.20	0.40
V(12)=	94.	Asv(0)=	37.	20 6	Rsv=	0.15					
T & V(53)=	0.1 &	76.	Ast(0)=	0.	0D 0	Astv =	0.	0D 0			
						Ast1 =	0.	0D 0			

N-G= 3 (1)B*H(mm)= 300* 300 Lb= 3.60(m)

-1-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-		
+M=	38.	43.	27.	29.	12.	-M=	-61.	-22.	0.	-19.	-67.
	(51)	(47)	(47)	(48)	(52)		(22)	(26)	(1)	(21)	(21)
As=	314.	284.	339.	295.	225.	As=	609.	210.	180.	180.	673.
	(51)	(47)	(27)	(1)	(0)		(22)	(26)	(0)	(0)	(21)
	2D18	2D18	2D18	1D18	1D18		3D18	1D18	1D18	1D18	3D18
Rs=	0.36	0.43	0.38	0.23	0.25	Rs=	0.68	0.23	0.20	0.20	0.75
V(21)=	62.	Asv(0)=	45.	20 6	Rsv=	0.15					
T & V(71)=	-0.4 &	40.	Ast(0)=	0.	0D 0	Astv =	0.	0D 0			
						Ast1 =	0.	0D 0			

N-H= 4 (1)B*H(mm)= 250* 600 Lb= 6.00(m)

-1-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-		
+M=	3.	46.	66.	59.	18.	-M=	-113.	-18.	0.	-20.	-109.
	(49)	(45)	(27)	(46)	(50)		(20)	(24)	(1)	(23)	(19)
As=	275.	300.	387.	306.	375.	As=	504.	300.	300.	300.	487.
	(0)	(0)	(27)	(0)	(0)		(20)	(0)	(0)	(0)	(19)
	2D18	2D18	2D18	2D18	2D18		2D18	2D18	2D18	2D18	2D18
Rs=	0.25	0.20	0.28	0.20	0.25	Rs=	0.34	0.20	0.20	0.20	0.32
V(20)=	78.	Asv(0)=	37.	20 6	Rsv=	0.15					
T & V(19)=	0.1 &	74.	Ast(0)=	0.	0D 0	Astv =	0.	0D 0			
						Ast1 =	0.	0D 0			

N-I= 5 (1)B*H(mm)= 300* 300 Lb= 3.60(m)

-1-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-		
+M=	33.	40.	28.	21.	12.	-M=	-61.	-22.	0.	-18.	-67.
	(51)	(47)	(47)	(48)	(52)		(22)	(26)	(1)	(25)	(21)
As=	316.	388.	348.	295.	225.	As=	611.	298.	180.	180.	673.
	(51)	(47)	(27)	(1)	(0)		(22)	(26)	(0)	(0)	(21)
	2D18	2D18	2D18	1D18	1D18		3D18	1D18	1D18	1D18	3D18
Rs=	0.35	0.43	0.29	0.23	0.25	Rs=	0.68	0.23	0.20	0.20	0.75

V(21)= 63. Asv(0)= 45. 2D 6 Rsv= 0.15
 T & V(20)= 0.3 & 41. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 6 (1)B*H(mm)= 250* 600 Lb= 6.00(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 18. 59. 66. 46. 3. -M= -109. -20. 0. -18. -113.
 (49) (45) (27) (46) (50) (20) (24) (1) (23) (19)
 As= 375. 300. 388. 300. 375. As= 497. 300. 300. 300. 504.
 (0) (0) (27) (0) (0) (20) (0) (0) (0) (19)
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18
 Rs= 0.25 0.20 0.26 0.20 0.25 Rs= 0.32 0.20 0.20 0.20 0.34
 V(19)= 78. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(72)= -0.1 & 73. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 7 (1)B*H(mm)= 300* 300 Lb= 3.60(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 33. 40. 28. 21. 14. -M= -61. -22. 0. -18. -87.
 (51) (47) (47) (48) (52) (22) (26) (1) (21) (21)
 As= 316. 387. 348. 205. 225. As= 615. 210. 180. 180. 676.
 (51) (47) (27) (1) (0) (22) (26) (0) (0) (21)
 2D18 2D18 2D18 1D18 1D18 3D18 1D18 1D18 1D18 1D18 3D18
 Rs= 0.35 0.43 0.39 0.23 0.25 Rs= 0.68 0.23 0.20 0.20 0.75
 V(21)= 63. Asv(0)= 45. 2D 6 Rsv= 0.15
 T & V(72)= 0.5 & 40. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 8 (1)B*H(mm)= 250* 600 Lb= 6.00(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 18. 57. 86. 114. 78. -M= -134. -18. 0. -26. -113.
 (49) (45) (46) (46) (50) (20) (24) (1) (23) (19)
 As= 375. 300. 493. 507. 375. As= 602. 300. 300. 300. 505.
 (0) (0) (27) (46) (0) (20) (0) (0) (0) (19)
 2D18 2D18 2D18 2D18 2D18 3D18 2D18 2D18 2D18 2D18 2D18
 Rs= 0.25 0.20 0.33 0.34 0.25 Rs= 0.40 0.20 0.20 0.20 0.34
 V(20)= 94. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(53)= -0.1 & 76. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 9 (1)B*H(mm)= 300* 300 Lb= 3.60(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 37. 37. 29. 20. 19. -M= -55. -24. 0. -18. -58.
 (51) (47) (47) (48) (52) (22) (26) (1) (21) (21)
 As= 353. 360. 213. 183. 225. As= 541. 223. 180. 180. 577.
 (51) (47) (39) (48) (0) (22) (26) (0) (0) (21)
 2D18 2D18 1D18 1D18 1D18 3D18 1D18 1D18 1D18 1D18 3D18
 Rs= 0.40 0.40 0.24 0.20 0.25 Rs= 0.60 0.25 0.20 0.20 0.64
 V(21)= 52. Asv(0)= 45. 2D 6 Rsv= 0.15
 T & V(19)= -0.2 & 31. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 10 (1)B*H(mm)= 250* 600 Lb= 6.00(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 47. 148. 154. 100. 0. -M= -196. -14. 0. -16. -227.
 (49) (45) (27) (46) (1) (20) (24) (1) (23) (19)
 As= 375. 671. 954. 527. 375. As= 906. 300. 300. 300. 1063.
 (0) (45) (27) (1) (0) (26) (0) (0) (0) (19)
 2D18 3D18 4D18 3D18 2D18 4D18 2D18 2D18 2D18 2D18 5D18
 Rs= 0.25 0.45 0.64 0.35 0.25 Rs= 0.69 0.20 0.20 0.20 0.71
 V(19)= 173. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(53)= 0.5 & 155. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 11 (1)B*H(mm)= 250* 600 Lb= 6.00(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-

N-B= 12 (1) B*H(mm) = 250* 600 Lb= 6.00(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 94. 139. 101. 0. -M= -207. -15. 0. -16. -200.
 (1) (45) (27) (46) (1) (20) (24) (1) (23) (19)
 As= 375. 527. 854. 527. 375. As= 959. 300. 300. 300. 941.
 (0) (1) (27) (1) (0) (20) (0) (0) (0) (19)
 2D18 3D18 4D18 3D18 2D18 4D18 2D18 2D18 2D18 4D18
 Rs= 0.25 0.35 0.57 0.35 0.25 Rs= 0.64 0.20 0.20 0.20 0.65
 V(20)= 159. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(20)= -0.2 & 158. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 12 (1) B*H(mm) = 250* 600 Lb= 6.00(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 97. 139. 93. 0. -M= -200. -20. 0. -17. -198.
 (1) (45) (27) (46) (1) (20) (24) (1) (23) (19)
 As= 375. 517. 852. 517. 375. As= 927. 300. 300. 300. 914.
 (0) (1) (27) (1) (0) (20) (0) (0) (0) (19)
 2D18 3D18 4D18 3D18 2D18 4D18 2D18 2D18 2D18 4D18
 Rs= 0.25 0.34 0.57 0.34 0.25 Rs= 0.62 0.20 0.20 0.20 0.61
 V(20)= 152. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(54)= 0.1 & 126. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 13 (1) B*H(mm) = 250* 600 Lb= 6.00(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 5. 94. 138. 137. 53. -M= -212. -22. 0. -24. -189.
 (49) (45) (27) (46) (50) (20) (24) (1) (23) (19)
 As= 375. 473. 844. 619. 375. As= 985. 300. 300. 300. 872.
 (0) (1) (27) (46) (0) (20) (0) (0) (0) (19)
 2D18 2D18 4D18 3D18 2D18 4D18 2D18 2D18 2D18 4D18
 Rs= 0.25 0.32 0.56 0.41 0.25 Rs= 0.66 0.20 0.20 0.20 0.58
 V(20)= 158. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(52)= -0.4 & 142. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 14 (1) B*H(mm) = 300* 650 Lb= 6.90(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 30. 160. 237. 161. 37. -M= -270. -23. 0. -26. -273.
 (51) (47) (27) (48) (52) (22) (26) (1) (25) (21)
 As= 488. 654. 1300. 602. 488. As= 1143. 390. 390. 390. 1159.
 (0) (47) (27) (48) (0) (22) (0) (0) (0) (21)
 2D18 3D18 6D18 3D18 2D18 5D18 2D18 2D18 2D18 5D18
 Rs= 0.25 0.34 0.70 0.34 0.25 Rs= 0.59 0.20 0.20 0.20 0.59
 V(21)= 179. Asv(0)= 45. 2D 6 Rsv= 0.15
 T & V(71)= 0.3 & 146. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 15 (1) B*H(mm) = 300* 650 Lb= 6.90(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 150. 393. 192. 0. -M= -331. -3. 0. -6. -334.
 (1) (47) (27) (48) (1) (22) (26) (1) (25) (21)
 As= 438. 806. 2497. 866. 438. As= 1427. 390. 390. 390. 1442.
 (0) (1) (27) (1) (0) (22) (0) (0) (0) (21)
 2D18 4D18 8D20 4D18 2D18 6D18 2D18 2D18 2D18 6D18
 Rs= 0.25 0.44 1.28 0.44 0.25 Rs= 0.73 0.20 0.20 0.20 0.74
 V(21)= 232. Asv(0)= 45. 2D 6 Rsv= 0.15
 T & V(72)= -0.1 & 192. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 16 (1) B*H(mm) = 300* 650 Lb= 6.90(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 8. 185. 379. 185. 10. -M= -321. -12. 0. -15. -324.
 (51) (47) (27) (48) (52) (22) (26) (1) (25) (21)
 As= 438. 848. 2463. 848. 438. As= 1382. 390. 390. 390. 1396.
 (0) (1) (27) (1) (0) (22) (0) (0) (0) (21)
 2D18 4D18 8D20 4D18 2D18 6D18 2D18 2D18 2D18 6D18
 Rs= 0.25 0.43 1.26 0.43 0.25 Rs= 0.71 0.20 0.20 0.20 0.72

V(21)= 222. Asv(0)= 45. 2D 6 Rsv= 0.15
 T & V(19)= 0.0 & 182. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 17 (1)B*H(mm)= 300* 650 Lb= 6.90(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 12. 195. 352. 196. 13. -M= -325. -9. 0. -15. -329.
 (51) (47) (27) (48) (52) (22) (26) (1) (25) (21)
 As= 488. 930. 2256. 929. 488. As= 1400. 390. 390. 390. 1419.
 (0) (1) (27) (1) (0) (22) (0) (0) (0) (21)
 2D18 4D18 8D20 4D18 2D18 6D18 2D18 2D18 2D18 6D18
 Rs= 0.25 0.48 1.16 0.48 0.25 Rs= 0.72 0.20 0.20 0.20 0.73
 V(1)= 233. Asv(0)= 45. 2D 6 Rsv= 0.15
 T & V(71)= 0.0 & 187. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 18 (1)B*H(mm)= 300* 650 Lb= 6.90(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 40. 172. 211. 173. 41. -M= -274. -20. 0. -23. -278.
 (51) (47) (27) (48) (52) (22) (26) (1) (25) (21)
 As= 488. 706. 1198. 711. 488. As= 1163. 390. 390. 390. 1183.
 (0) (47) (27) (48) (0) (22) (0) (0) (0) (21)
 2D18 3D18 5D18 3D18 2D18 5D18 2D18 2D18 2D18 5D18
 Rs= 0.25 0.36 0.61 0.36 0.25 Rs= 0.60 0.20 0.20 0.20 0.61
 V(21)= 185. Asv(0)= 45. 2D 6 Rsv= 0.15
 T & V(72)= -0.3 & 145. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 19 (1)B*H(mm)= 300* 300 Lb= 3.30(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 11. 22. 20. 21. 11. -M= -56. -16. 0. -17. -57.
 (51) (47) (1) (48) (52) (22) (26) (1) (25) (21)
 As= 225. 203. 254. 203. 225. As= 556. 180. 180. 180. 563.
 (0) (47) (1) (48) (0) (22) (0) (0) (0) (21)
 1D18 1D18 1D18 1D18 1D18 3D18 1D18 1D18 1D18 3D18
 Rs= 0.25 0.23 0.28 0.22 0.25 Rs= 0.62 0.20 0.20 0.20 0.63
 V(21)= 61. Asv(0)= 45. 2D 6 Rsv= 0.15
 T & V(71)= 0.3 & 42. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 20 (1)B*H(mm)= 250* 600 Lb= 6.00(m)
 -J- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 51. 138. 138. 94. 3. -M= -186. -20. 0. -20. -210.
 (49) (45) (27) (46) (50) (20) (24) (1) (23) (19)
 As= 375. 621. 846. 469. 375. As= 856. 300. 300. 300. 977.
 (0) (45) (27) (1) (0) (20) (0) (0) (0) (19)
 2D18 3D18 4D18 2D18 2D18 4D18 2D18 2D18 2D18 4D18
 Rs= 0.25 0.41 0.56 0.31 0.25 Rs= 0.57 0.20 0.20 0.20 0.65
 V(19)= 156. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(53)= -0.5 & 138. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 21 (1)B*H(mm)= 300* 300 Lb= 3.30(m)
 -J- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 8. 21. 25. 21. 7. -M= -62. -18. 0. -18. -64.
 (51) (47) (1) (48) (52) (22) (26) (1) (21) (21)
 As= 225. 227. 324. 227. 225. As= 627. 180. 180. 180. 641.
 (0) (1) (1) (1) (0) (22) (0) (0) (0) (21)
 1D18 1D18 2D18 1D18 1D18 3D18 1D18 1D18 1D18 3D18
 Rs= 0.25 0.25 0.36 0.25 0.25 Rs= 0.70 0.20 0.20 0.20 0.71
 V(21)= 67. Asv(0)= 45. 2D 6 Rsv= 0.15
 T & V(72)= 0.0 & 48. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 22 (1)B*H(mm)= 250* 600 Lb= 6.00(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-

N-B= 23 (1)B*H(mm)= 300* 300 Lb= 3.30(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 0. 88. 126. 95. 3. -M= -191. -18. 0. -19. -188.
 (1) (45) (27) (46) (50) (20) (24) (1) (23) (19)
 As= 375. 469. 764. 469. 375. As= 881. 300. 300. 300. 888.
 (0) (1) (27) (1) (0) (20) (0) (0) (0) (19)
 2D18 2D18 4D18 2D18 2D18 4D18 2D18 2D18 2D18 4D18
 Rs= 0.25 0.31 0.51 0.31 0.25 Rs= 0.59 0.20 0.20 0.20 0.58
 V(20)= 143. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(19)= 0.2 & 141. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 23 (1)B*H(mm)= 300* 300 Lb= 3.30(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 9. 23. 25. 21. 7. -M= -62. -17. 0. -19. -64.
 (51) (47) (1) (49) (52) (22) (26) (1) (21) (21)
 As= 225. 227. 324. 227. 225. As= 618. 180. 180. 180. 648.
 (0) (1) (1) (1) (0) (22) (0) (0) (0) (21)
 1D18 1D18 2D18 1D18 1D18 3D18 1D18 1D18 1D18 3D18
 Rs= 0.25 0.25 0.36 0.25 0.25 Rs= 0.63 0.20 0.20 0.20 0.72
 V(21)= 68. Asv(0)= 45. 2D 6 Rsv= 0.15
 T & V(53)= 0.1 & 54. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 24 (1)B*H(mm)= 250* 600 Lb= 6.00(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 7. 91. 125. 88. 5. -M= -186. -24. 0. -20. -182.
 (49) (45) (27) (46) (50) (20) (24) (1) (23) (19)
 As= 375. 460. 760. 460. 375. As= 855. 300. 300. 300. 837.
 (0) (1) (27) (1) (0) (20) (0) (0) (0) (19)
 2D18 2D18 3D18 2D18 2D18 4D18 2D18 2D18 2D18 4D18
 Rs= 0.25 0.31 0.51 0.31 0.25 Rs= 0.57 0.20 0.20 0.20 0.56
 V(20)= 136. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(54)= -0.1 & 112. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 25 (1)B*H(mm)= 300* 300 Lb= 3.30(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 6. 22. 25. 24. 10. -M= -64. -18. 0. -16. -61.
 (51) (47) (1) (48) (52) (22) (26) (1) (25) (21)
 As= 325. 227. 324. 227. 225. As= 643. 180. 180. 180. 606.
 (0) (1) (1) (1) (0) (22) (0) (0) (0) (21)
 1D18 1D18 2D18 1D18 1D18 3D18 1D18 1D18 1D18 3D18
 Rs= 0.25 0.25 0.36 0.25 0.25 Rs= 0.71 0.20 0.20 0.20 0.67
 V(22)= 68. Asv(0)= 45. 2D 6 Rsv= 0.15
 T & V(53)= -0.6 & 56. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 26 (1)B*H(mm)= 250* 600 Lb= 6.00(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 17. 89. 122. 127. 58. -M= -195. -25. 0. -30. -180.
 (49) (45) (27) (46) (50) (20) (24) (1) (23) (19)
 As= 375. 418. 742. 570. 375. As= 900. 300. 300. 300. 825.
 (0) (1) (27) (46) (0) (20) (0) (0) (0) (19)
 2D18 2D18 3D18 3D18 2D18 4D18 2D18 2D18 2D18 4D18
 Rs= 0.25 0.28 0.49 0.38 0.25 Rs= 0.60 0.20 0.20 0.20 0.55
 V(20)= 141. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(53)= 0.4 & 125. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 27 (1)B*H(mm)= 300* 300 Lb= 3.30(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 16. 22. 20. 24. 13. -M= -58. -17. 0. -15. -54.
 (51) (47) (1) (49) (52) (22) (26) (1) (25) (21)
 As= 225. 203. 254. 224. 225. As= 574. 180. 180. 180. 532.
 (0) (47) (1) (49) (0) (22) (0) (0) (0) (21)
 1D18 1D18 1D18 1D18 1D18 3D18 1D18 1D18 1D18 3D18
 Rs= 0.25 0.23 0.26 0.25 0.25 Rs= 0.64 0.20 0.20 0.20 0.59

V(22)= 62. Asv(0)= 45. 2D 6 Rsv= 0.15
 T & V(53)= 0.5 & 47. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 28 (1)B*H(mm)= 250* 600 Lb= 6.00(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 66. 119. 109. 83. 27. -M= -167. -35. 0. -28. -170.
 (49) (45) (27) (46) (50) (20) (24) (1) (23) (19)
 As= 375. 532. 657. 364. 375. As= 761. 300. 300. 300. 820.
 (0) (45) (27) (46) (0) (20) (0) (0) (0) (19)
 2D18 3D18 3D18 2D18 2D18 3D18 2D18 2D18 2D18 4D18
 Rs= 0.25 0.35 0.44 0.24 0.25 Rs= 0.51 0.20 0.20 0.20 0.55
 V(19)= 121. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(53)= 0.5 & 103. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 29 (1)B*H(mm)= 250* 600 Lb= 6.00(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 18. 78. 101. 85. 26. -M= -162. -26. 0. -26. -159.
 (49) (45) (27) (46) (50) (20) (24) (1) (23) (19)
 As= 375. 358. 607. 374. 375. As= 738. 300. 300. 300. 723.
 (0) (1) (27) (46) (0) (20) (0) (0) (0) (19)
 2D18 2D18 3D18 2D18 2D18 3D18 2D18 2D18 2D18 3D18
 Rs= 0.25 0.24 0.40 0.25 0.25 Rs= 0.49 0.20 0.20 0.20 0.48
 V(20)= 110. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(20)= 0.0 & 110. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 30 (1)B*H(mm)= 250* 600 Lb= 6.00(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 30. 83. 92. 62. 2. -M= -154. -28. 0. -41. -183.
 (49) (45) (27) (46) (50) (20) (24) (1) (23) (19)
 As= 375. 367. 550. 358. 375. As= 700. 300. 300. 300. 842.
 (0) (45) (27) (1) (0) (20) (0) (0) (0) (19)
 2D18 2D18 3D18 2D18 2D18 3D18 2D18 2D18 2D18 4D18
 Rs= 0.25 0.24 0.37 0.24 0.25 Rs= 0.47 0.20 0.20 0.20 0.56
 V(19)= 115. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(53)= -0.4 & 104. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 31 (1)B*H(mm)= 250* 600 Lb= 6.00(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 0. 116. 228. 138. 32. -M= -237. -2. 0. -19. -211.
 (1) (45) (27) (46) (50) (20) (24) (1) (23) (19)
 As= 375. 638. 1477. 625. 375. As= 1117. 300. 300. 300. 980.
 (0) (1) (27) (46) (0) (20) (0) (0) (0) (19)
 2D18 3D18 6D18 3D18 2D18 5D18 2D18 2D18 2D18 4D18
 Rs= 0.25 0.42 0.98 0.42 0.25 Rs= 0.74 0.20 0.20 0.20 0.65
 V(20)= 181. Asv(20)= 38. 2D 6 Rsv= 0.15
 T & V(53)= -0.4 & 170. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 32 (1)B*H(mm)= 300* 650 Lb= 6.90(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 38. 162. 234. 148. 23. -M= -268. -26. 0. -24. -274.
 (51) (47) (27) (48) (52) (22) (26) (1) (25) (21)
 As= 488. 664. 1340. 604. 488. As= 1133. 390. 390. 390. 1160.
 (0) (47) (27) (48) (0) (22) (0) (0) (0) (21)
 2D18 3D18 6D18 3D18 2D18 5D18 2D18 2D18 2D18 5D18
 Rs= 0.25 0.34 0.69 0.31 0.25 Rs= 0.58 0.20 0.20 0.20 0.59
 V(21)= 130. Asv(0)= 45. 2D 6 Rsv= 0.15
 T & V(72)= -0.8 & 142. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 33 (1)B*H(mm)= 300* 650 Lb= 6.90(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-

N-B= 34 (1)B*H(mm)= 300* 650 Lb= 6.90(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 192. 378. 178. 0. -M= -328. -6. 0. -8. -339.
 (1) (47) (27) (48) (1) (22) (26) (1) (25) (21)
 As= 488. 866. 2460. 866. 488. As= 1416. 390. 390. 390. 1469.
 (0) (1) (27) (1) (0) (22) (0) (0) (0) (21)
 2D18 4D18 8D20 4D18 2D18 6D18 2D18 2D18 2D18 6D18
 Ks= 0.25 0.44 1.26 0.44 0.25 Ks= 0.73 0.20 0.20 0.20 0.75
 V(21)= 234. Asv(21)= 45. 2D 6 Rsv= 0.15
 T & V(71)= 0.1 & 194. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 34 (1)B*H(mm)= 300* 650 Lb= 6.90(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 192. 379. 178. 0. -M= -329. -7. 0. -8. -339.
 (1) (47) (27) (48) (1) (22) (26) (1) (25) (21)
 As= 488. 866. 2464. 866. 488. As= 1419. 390. 390. 390. 1466.
 (0) (1) (27) (1) (0) (22) (0) (0) (0) (21)
 2D18 4D18 8D20 4D18 2D18 6D18 2D18 2D18 2D18 6D18
 Ks= 0.25 0.44 1.26 0.44 0.25 Ks= 0.73 0.20 0.20 0.20 0.75
 V(21)= 234. Asv(21)= 45. 2D 6 Rsv= 0.15
 T & V(71)= 0.0 & 194. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 35 (1)B*H(mm)= 300* 650 Lb= 6.90(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 25. 174. 270. 160. 9. -M= -293. -20. 0. -22. -303.
 (51) (47) (27) (48) (52) (22) (26) (1) (25) (21)
 As= 488. 716. 1571. 666. 488. As= 1250. 390. 390. 390. 1296.
 (0) (47) (27) (1) (0) (22) (0) (0) (0) (21)
 2D18 3D18 7D18 3D18 2D18 5D18 2D18 2D18 2D18 6D18
 Ks= 0.25 0.37 0.81 0.36 0.25 Ks= 0.64 0.20 0.20 0.20 0.66
 V(21)= 202. Asv(0)= 45. 2D 6 Rsv= 0.15
 T & V(72)= -0.1 & 161. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 36 (1)B*H(mm)= 300* 650 Lb= 6.90(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 61. 149. 138. 134. 45. -M= -239. -36. 0. -35. -244.
 (51) (47) (27) (48) (52) (22) (26) (1) (25) (21)
 As= 488. 608. 761. 548. 488. As= 1901. 390. 390. 390. 1027.
 (0) (47) (27) (48) (3) (22) (0) (0) (0) (21)
 2D18 3D18 3D18 3D18 2D18 4D18 2D18 2D18 2D18 5D18
 Ks= 0.25 0.31 0.39 0.28 0.25 Ks= 0.51 0.20 0.20 0.20 0.53
 V(21)= 154. Asv(0)= 45. 2D 6 Rsv= 0.15
 T & V(71)= 0.8 & 116. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 37 (1)B*H(mm)= 250* 600 Lb= 6.00(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 38. 146. 163. 99. 0. -M= -195. -9. 0. -14. -228.
 (49) (45) (27) (46) (1) (20) (24) (1) (23) (19)
 As= 375. 663. 1014. 548. 375. As= 901. 300. 300. 300. 1071.
 (0) (45) (27) (1) (0) (20) (0) (0) (0) (19)
 2D18 3D18 4D18 3D18 2D18 4D18 2D18 2D18 2D18 5D18
 Ks= 0.25 0.44 0.68 0.37 0.25 Ks= 0.60 0.20 0.20 0.20 0.71
 V(19)= 175. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(53)= -0.4 & 160. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 38 (1)B*H(mm)= 250* 600 Lb= 6.00(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 93. 148. 101. 0. -M= -209. -13. 0. -12. -203.
 (1) (45) (27) (46) (1) (20) (24) (1) (23) (19)
 As= 375. 548. 915. 548. 375. As= 991. 300. 300. 300. 939.
 (0) (1) (27) (1) (0) (12) (0) (0) (0) (19)
 2D18 3D18 4D18 3D18 2D18 4D18 2D18 2D18 2D18 4D18
 Ks= 0.25 0.37 0.61 0.37 0.25 Ks= 0.65 0.20 0.20 0.20 0.63

V(20)= 161. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(72)= 0.0 & 160. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 39 (1)B*H(mm)= 250* 600 Lb= 6.00(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 0. 100. 139. 92. 0. -M= -198. -13. 0. -23. -230.
 (1) (45) (27) (1) (1) (20) (24) (1) (23) (19)
 As= 375. 548. 854. 548. 375. As= 915. 300. 300. 300. 1135.
 (0) (1) (27) (1) (0) (20) (0) (0) (0) (11)
 2D18 3D18 4D18 3D18 2D18 4D18 2D18 2D18 2D18 5D18
 Ks= 0.25 0.37 0.57 0.37 0.25 Ks= 0.61 0.20 0.20 0.20 0.76
 V(19)= 167. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(53)= 0.4 & 157. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 40 (1)B*H(mm)= 250* 600 Lb= 6.00(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 0. 137. 282. 167. 5. -M= -288. 0. 0. 0. -239.
 (1) (1) (27) (46) (50) (20) (1) (1) (1) (19)
 As= 375. 839. 2043. 769. 375. As= 1497. 300. 300. 300. 1124.
 (0) (1) (27) (1) (0) (12) (0) (0) (0) (19)
 2D18 4D18 7D20 4D18 2D18 6D18 2D18 2D18 2D18 5D18
 Ks= 0.25 0.56 1.36 0.51 0.25 Ks= 1.00 0.20 0.20 0.20 0.75
 V(20)= 236. Asv(20)= 71. 3D 6 Rsv= 0.29
 T & V(53)= 0.3 & 228. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 41 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 18. 35. 41. 55. 42. -M= -101. -30. 0. -20. -76.
 (51) (47) (27) (48) (52) (22) (26) (1) (25) (21)
 As= 281. 225. 332. 333. 291. As= 634. 225. 225. 225. 470.
 (0) (0) (27) (48) (0) (22) (0) (0) (0) (21)
 2D18 1D18 2D18 2D18 2D18 3D18 1D18 1D18 1D18 2D18
 Ks= 0.25 0.20 0.29 0.30 0.25 Ks= 0.56 0.20 0.20 0.20 0.42
 V(22)= 72. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(72)= -0.8 & 44. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 42 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 0. 39. 63. 45. 12. -M= -115. -28. 0. -8. -83.
 (1) (47) (27) (48) (52) (22) (26) (1) (25) (21)
 As= 281. 305. 517. 305. 291. As= 731. 225. 225. 225. 515.
 (0) (1) (27) (1) (0) (22) (0) (0) (0) (21)
 2D18 2D18 3D18 2D18 2D18 3D18 1D18 1D18 1D18 3D18
 Ks= 0.25 0.27 0.46 0.27 0.25 Ks= 0.65 0.20 0.20 0.20 0.46
 V(22)= 87. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(19)= 0.3 & 68. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 43 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 2. 39. 61. 41. 7. -M= -113. -27. 0. -14. -92.
 (51) (47) (27) (48) (52) (22) (26) (1) (25) (21)
 As= 281. 305. 499. 305. 281. As= 716. 225. 225. 225. 572.
 (0) (1) (27) (1) (0) (22) (0) (0) (0) (21)
 2D18 2D18 2D18 2D18 2D18 3D18 1D18 1D18 1D18 3D18
 Ks= 0.25 0.27 0.44 0.27 0.25 Ks= 0.64 0.20 0.20 0.20 0.51
 V(22)= 85. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(72)= -0.4 & 65. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 44 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-

N-B= 4. 43. 65. 45. 10. -M= -109. -23. 0. -8. -86.
 (51) (47) (27) (48) (52) (22) (26) (1) (25) (21)
 As= 281. 305. 537. 305. 281. As= 637. 225. 225. 225. 531.
 (0) (1) (27) (1) (0) (22) (0) (0) (0) (21)
 2D18 2D18 3D18 2D18 2D18 3D18 1D18 1D18 1D18 3D18
 Rs= 0.25 0.27 0.48 0.27 0.25 Rs= 0.61 0.20 0.20 0.20 0.47
 V(22)= 85. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(71)= 0.8 & 66. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 45 (1) B*H(mm)= 250* 450 Lb= 4.80(m)
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 22. 39. 43. 55. 41. -M= -96. -26. 0. -20. -79.
 (51) (47) (27) (48) (52) (22) (26) (1) (25) (21)
 As= 281. 234. 347. 333. 281. As= 600. 225. 225. 225. 483.
 (0) (47) (27) (48) (0) (22) (0) (0) (0) (21)
 2D18 1D18 2D18 2D18 2D18 3D18 1D18 1D18 1D18 2D18
 Rs= 0.25 0.21 0.31 0.30 0.25 Rs= 0.53 0.20 0.20 0.20 0.43
 V(22)= 70. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(72)= -0.9 & 52. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 46 (1) B*H(mm)= 250* 600 Lb= 6.00(m)
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 52. 108. 111. 59. 0. -M= -84. 0. 0. -17. -147.
 (43) (45) (27) (46) (1) (20) (1) (1) (23) (19)
 As= 375. 485. 668. 307. 375. As= 375. 300. 300. 300. 682.
 (0) (27) (27) (1) (0) (0) (0) (0) (0) (11)
 2D18 2D18 3D18 2D18 2D18 2D18 2D18 2D18 2D18 3D18
 Rs= 0.25 0.32 0.45 0.20 0.25 Rs= 0.25 0.20 0.20 0.20 0.45
 V(19)= 107. Asv(0)= 27. 2D 6 Rsv= 0.15
 T & V(74)= 0.9 & 92. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 47 (1) B*H(mm)= 300* 656 Lb= 7.07(m)
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 35. 86. 92. 49. 0. -M= -83. 0. 0. -6. -107.
 (43) (45) (27) (46) (1) (20) (1) (1) (23) (19)
 As= 435. 390. 443. 390. 483. As= 483. 390. 390. 390. 488.
 (0) (0) (27) (0) (0) (0) (0) (0) (0) (0)
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18
 Rs= 0.25 0.20 0.23 0.20 0.25 Rs= 0.25 0.20 0.20 0.20 0.25
 V(19)= 76. Asv(0)= 45. 2D 6 Rsv= 0.15
 T & V(73)= 0.5 & 72. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 48 (1) B*H(mm)= 250* 450 Lb= 3.73(m)
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 25. 32. 34. 68. 68. -M= -89. -23. 0. -21. -60.
 (51) (47) (45) (48) (48) (22) (22) (1) (25) (25)
 As= 281. 225. 269. 413. 418. As= 559. 225. 225. 225. 367.
 (0) (0) (27) (48) (48) (22) (0) (0) (0) (25)
 2D18 1D18 2D18 2D18 2D18 3D18 1D18 1D18 1D18 2D18
 Rs= 0.25 0.20 0.24 0.37 0.37 Rs= 0.49 0.20 0.20 0.20 0.33
 V(22)= 84. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(74)= -1.1 & 84. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 49 (1) B*H(mm)= 250* 600 Lb= 6.00(m)
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 63. 107. 69. 0. -M= -141. -13. 0. -11. -135.
 (1) (1) (27) (46) (1) (20) (24) (1) (23) (19)
 As= 375. 370. 647. 370. 375. As= 671. 300. 300. 300. 634.
 (0) (1) (27) (1) (0) (12) (0) (0) (0) (11)
 2D18 2D18 3D18 2D18 2D18 3D18 2D18 2D18 2D18 3D18
 Rs= 0.25 0.25 0.43 0.25 0.25 Rs= 0.45 0.20 0.20 0.20 0.42

V(1)= 111. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(53)= 0.5 & 107. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 50 (1)B*H(mm)= 350* 450 Lb= 4.80(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 9. 43. 63. 78. 49. -M= -102. -14. 0. -13. -36.
 (51) (47) (27) (49) (52) (22) (26) (1) (25) (31)
 As= 291. 268. 521. 480. 294. As= 637. 225. 225. 225. 491.
 (0) (1) (27) (49) (52) (22) (0) (0) (0) (31)
 2D18 2D18 3D18 2D18 2D18 3D18 1D18 1D18 1D18 2D18
 Rs= 0.25 0.24 0.46 0.43 0.26 Rs= 0.57 0.20 0.20 0.20 0.44
 V(22)= 95. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(19)= 0.3 & 74. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 51 (1)B*H(mm)= 250* 600 Lb= 6.00(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 0. 68. 107. 63. 0. -M= -136. -12. 0. -13. -141.
 (1) (45) (27) (1) (1) (20) (24) (1) (23) (19)
 As= 375. 370. 644. 370. 375. As= 635. 300. 300. 300. 675.
 (0) (1) (27) (1) (0) (12) (0) (0) (0) (11)
 2D18 2D18 3D18 2D18 2D18 3D18 2D18 2D18 2D18 3D18
 Rs= 0.25 0.25 0.43 0.25 0.25 Rs= 0.42 0.20 0.20 0.20 0.45
 V(1)= 111. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(53)= -0.5 & 107. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-b= 52 (1)B*H(mm)= 250* 450 Lb= 3.73(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 24. 31. 32. 67. 69. -M= -99. -29. 0. -21. -60.
 (51) (47) (46) (48) (48) (22) (22) (1) (25) (25)
 As= 261. 225. 262. 411. 419. As= 557. 225. 225. 225. 366.
 (0) (0) (27) (49) (48) (22) (0) (0) (0) (25)
 2D18 1D18 2D18 2D18 2D18 3D18 1D18 1D18 1D18 2D18
 Rs= 0.25 0.20 0.23 0.37 0.37 Rs= 0.50 0.20 0.20 0.20 0.33
 V(22)= 34. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(74)= 1.1 & 84. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 53 (1)B*H(mm)= 250* 600 Lb= 6.00(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 0. 53. 111. 107. 52. -M= -146. -17. 0. 0. -83.
 (1) (45) (27) (46) (50) (20) (24) (1) (1) (19)
 As= 375. 307. 673. 451. 375. As= 631. 300. 300. 300. 375.
 (0) (1) (27) (39) (0) (12) (0) (0) (0) (0)
 2D18 2D18 3D18 2D18 2D18 3D18 2D18 2D18 2D18 2D18
 Rs= 0.25 0.20 0.45 0.32 0.25 Rs= 0.45 0.20 0.20 0.20 0.25
 V(20)= 107. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(74)= -0.9 & 92. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 54 (1)B*H(mm)= 300* 650 Lb= 7.67(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 0. 52. 84. 86. 37. -M= -103. -3. 0. 0. -64.
 (1) (45) (27) (46) (50) (20) (24) (1) (1) (19)
 As= 438. 390. 451. 390. 488. As= 485. 390. 390. 390. 488.
 (0) (0) (27) (0) (0) (0) (0) (0) (0) (0)
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18
 Rs= 0.25 0.20 0.23 0.20 0.25 Rs= 0.25 0.20 0.20 0.20 0.25
 V(20)= 75. Asv(0)= 45. 2D 6 Rsv= 0.15
 T & V(73)= -0.7 & 71. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 55 (1)B*H(mm)= 300* 650 Lb= 6.03(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-

+M=	18.	73.	83.	71.	22.	-M=	-131.	-23.	0.	-5.	-104.
	(43)	(45)	(48)	(46)	(50)		(20)	(24)	(1)	(23)	(19)
As=	488.	390.	432.	390.	488.	As=	533.	390.	390.	390.	488.
	(0)	(0)	(27)	(0)	(0)		(20)	(0)	(0)	(0)	(0)
	2018	2018	2018	2018	2018		2018	2018	2018	2018	2018
Rs=	0.25	0.20	0.22	0.20	0.25	ks=	0.27	0.20	0.20	0.20	0.25
V(20)=	96.	Asv(0)=	45.	20 6	Rsv=	0.15					
T & V(72)=	-1.9 &	95.	Ast(0)=	0.	0D 0	Astv =	0.	0D 0			
						AstI =	0.	0D 0			

N-E=	56 (1)	B*H(mm)=	300* 650	Lb=	6.09(m)						
	-I-	-I-	-2-	-3-	-J-		-1-	-1-	-2-	-3-	-J-
+M=	23.	62.	71.	66.	23.	-M=	-103.	-11.	0.	-29.	-125.
	(49)	(45)	(48)	(46)	(50)		(20)	(24)	(1)	(23)	(19)
As=	488.	390.	390.	390.	488.	As=	488.	390.	390.	390.	508.
	(0)	(0)	(0)	(0)	(0)		(0)	(0)	(0)	(0)	(19)
	2018	2018	2018	2018	2018		2018	2018	2018	2018	2018
Rs=	0.25	0.20	0.20	0.20	0.25	ks=	0.25	0.20	0.20	0.20	0.26
V(13)=	86.	Asv(0)=	45.	20 6	Rsv=	0.15					
T & V(71)=	2.0 &	85.	Ast(0)=	0.	0D 0	Astv =	0.	0D 0			
						AstI =	0.	0D 0			

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*****
*                               Output of Reinforcements                               *
*                               PJ-2.OUT                                           *
* -----                                                                    *
*                               Symbols:                                           *
* B,H --- Height and Width of section(m)                                         *
* Lc,Lw,Lg,Lb --- Length of column, shear wall, brace and beam(m)              *
* COLUMN:                                                                       *
* (NUc)Uc --- Ratio of axial force to section axial strength(N/A*fc)*          *
* NUc --- Combinatorial number which controls Uc                                *
* Ascx,y(NAsc) --- Reinforcement area at one side of column(mm2)                *
* Asc(NAsc) --- Reinforcement area of column of circular section(mm2)*          *
* NAsc --- Combinatorial number which controls Asc                               *
* 0 --- Minimum reinforcement                                                    *
* Mc,Nc(x,y) --- Moment and axial force which controls Asc                     *
* Rsc --- Ratio of reinforcement of column(As/B*H)                              *
* Asvc(NAsvc) --- Reinforcement area of stirrups for column(mm2)*              *
*                               in certain spacing                               *
* NAsvc --- Combinatorial number which controls Asvc                            *
* 0 --- Minimum reinforcement                                                    *
* Vc,Nc(x,y) --- Shear and axial force which controls Asvc                     *
* Rsvc --- Volumetric ratio of stirrups of column(Vs/Vc)                       *
* Vs --- Volume of stirrups in column                                            *
* Vc --- Volume of concrete Vc = B*H*Sc                                         *
* Sc --- Distance of stirrups in column                                          *
* WALL:                                                                           *
* Arfw --- Angle of section between wall axis and coordinate axis                *
* N(I1-I2) --- Number of branch of shear wall                                    *
* I1-I2 --- Number of nodes in front and back of wall branch                    *
* T*L --- Thickness and length of wall branch                                    *
* aa --- Thickness of nominal cover(mm)(thickness of the wall)                 *
* As --- Reinforcement area in the embedded column at one end(mm2)*            *
*                               of branch                                         *
* Rs --- Ratio of reinforcement of branch(As/2*T*T)                             *
* (NAs)M,N --- Moment and axial force which controls As                         *
* NAs --- Combinatorial number which controls As                                *
* Ash --- Horizontal reinforcement area in certain spacing(mm2)                 *
* Rsh --- Ratio of horizontal reinforcement(Ash/T*Swh)                          *
* (NAs)V,Nh --- Shear and axial force which controls Ash                       *
* NAs --- Combinatorial number which controls Ash                               *
* Swh --- Distance of horizontal bar in wall                                     *
* BEAM:                                                                           *
* +M(Nm) --- Maximum positive moment of beam on I,1,2,3,J                      *
*                               with equal spacing                               *
* -M(Nm) --- Maximum negative moment of beam on I,1,2,3,J                      *
*                               with equal spacing                               *
* Nm --- Combinatorial number which controls +M and -M                          *
* As(NAs) --- Reinforcement area of beam on I,1,2,3,J(mm2)                     *
*                               with equal spacing                               *
* NAs --- Combinatorial number which controls As                                *
* 0 --- Minimum reinforcement                                                    *
* Rs --- Ratio of reinforcement of beam(As/B*H)                                  *
* V(NV) --- Maximum combined shear of beam                                       *
* NV --- Combinatorial number which controls V                                   *
* Asv(NAsv) --- Reinforcement area of stirrups(mm2)                             *
* NAsv --- Combinatorial number which controls Asv                               *
* 0 --- Minimum reinforcement                                                    *
* Rsv --- Ratio of stirrups of beam(Asv/B*Sb)                                    *
* T & V(NTV) --- Maximum Combined torsion and shear(kN-m)                     *
* NTV --- Combinatorial number which controls T & V                            *
* Ast(NAst) --- Longitudinal reinforcement area by torsion and shear*          *
* NAst --- Combinatorial number which controls Ast                              *
* 0 --- Minimum reinforcement                                                    *

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* Astv --- Reinforcement area of stirrups by torsion and shear(mm2) *
 * Astl --- 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)
 (22) Uc = N/Ac/fc = 0.07 N = -186.
 (22) Mx = -145. Ncx = -186.
 (20) My = 72. Ncy = -182.
 Ascx(22)= 612. Ascyl(20)= 347. Rsc= 0.96 Asvc(0)= 78.8 Rsvc= 0.40
 3D18 2D18 3D 6

N-C= 2 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (22) Uc = N/Ac/fc = 0.12 N = -301.
 (22) Mx = -184. Ncx = -301.
 (1) My = -5. Ncy = -311.
 Ascx(22)= 710. Ascyl(1)= 300. Rsc= 1.01 Asvc(0)= 78.8 Rsvc= 0.40
 3D18 2D18 3D 6

N-C= 3 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (22) Uc = N/Ac/fc = 0.12 N = -290.
 (22) Mx = -186. Ncx = -290.
 (1) My = 1. Ncy = -301.
 Ascx(22)= 733. Ascyl(1)= 300. Rsc= 1.03 Asvc(0)= 78.8 Rsvc= 0.40
 3D18 2D18 3D 6

N-C= 4 (1)B*H(mm)= 400* 500 Lc= 3.30(m)

(22) $U_c = N/Ac/fc = 0.12$ $N = -300.$
 (14) $M_x = -156.$ $N_{cx} = -306.$
 (1) $M_y = 3.$ $N_{cy} = -311.$
 AscX(14)= 726. AscY(1)= 300. Rsc= 1.03 Asvc(0)= 78.8 Rsvc= 0.40
 3D18 2D18 3D 6

N-C= 5 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (22) $U_c = N/Ac/fc = 0.08$ $N = -188.$
 (22) $M_x = -146.$ $N_{cx} = -188.$
 (19) $M_y = -71.$ $N_{cy} = -184.$
 AscX(22)= 620. AscY(19)= 332. Rsc= 0.95 Asvc(0)= 78.8 Rsvc= 0.40
 3D18 2D18 3D 6

N-C= 6 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (20) $U_c = N/Ac/fc = 0.09$ $N = -222.$
 (21) $M_x = 145.$ $N_{cx} = -218.$
 (20) $M_y = 80.$ $N_{cy} = -222.$
 AscX(21)= 580. AscY(20)= 366. Rsc= 0.95 Asvc(0)= 78.8 Rsvc= 0.40
 3D18 2D18 3D 6

N-C= 7 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (21) $U_c = N/Ac/fc = 0.14$ $N = -351.$
 (21) $M_x = 188.$ $N_{cx} = -351.$
 (1) $M_y = -6.$ $N_{cy} = -382.$
 AscX(21)= 677. AscY(1)= 300. Rsc= 0.98 Asvc(0)= 78.8 Rsvc= 0.40
 3D18 2D18 3D 6

N-C= 8 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (21) $U_c = N/Ac/fc = 0.14$ $N = -338.$
 (21) $M_x = 190.$ $N_{cx} = -338.$
 (1) $M_y = 1.$ $N_{cy} = -369.$
 AscX(21)= 700. AscY(1)= 300. Rsc= 1.00 Asvc(0)= 78.8 Rsvc= 0.40
 3D18 2D18 3D 6

N-C= 9 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (21) $U_c = N/Ac/fc = 0.14$ $N = -350.$
 (21) $M_x = 190.$ $N_{cx} = -350.$
 (1) $M_y = 4.$ $N_{cy} = -380.$
 AscX(21)= 692. AscY(1)= 300. Rsc= 0.99 Asvc(0)= 78.8 Rsvc= 0.40
 3D18 2D18 3D 6

N-C= 10 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (19) $U_c = N/Ac/fc = 0.09$ $N = -224.$
 (21) $M_x = 147.$ $N_{cx} = -220.$
 (19) $M_y = -78.$ $N_{cy} = -224.$
 AscX(21)= 590. AscY(19)= 345. Rsc= 0.94 Asvc(0)= 78.8 Rsvc= 0.40
 3D18 2D18 3D 6

N-C= 11 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (20) $U_c = N/Ac/fc = 0.09$ $N = -221.$
 (22) $M_x = -146.$ $N_{cx} = -217.$
 (20) $M_y = 80.$ $N_{cy} = -221.$
 AscX(22)= 584. AscY(20)= 367. Rsc= 0.95 Asvc(0)= 78.8 Rsvc= 0.40
 3D18 2D18 3D 6

N-C= 12 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (22) $U_c = N/Ac/fc = 0.14$ $N = -347.$
 (22) $M_x = -187.$ $N_{cx} = -347.$
 (1) $M_y = -6.$ $N_{cy} = -378.$
 AscX(22)= 677. AscY(1)= 300. Rsc= 0.98 Asvc(0)= 78.8 Rsvc= 0.40
 3D18 2D18 3D 6

N-C= 13 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (22) $U_c = N/Ac/fc = 0.13$ $N = -336.$
 (22) $M_x = -188.$ $N_{cx} = -336.$
 (1) $M_y = 0.$ $N_{cy} = -367.$

Ascx(22)= 695. Ascyl(1)= 300. Rsc= 1.00 Asvc(0)= 78.8 Rsvc= 0.40
 3D18 2D18 3D 6

N-C= 14 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (22) Uc = N/Ac/fc = 0.14 N = -347.
 (22) Mx = -187. Ncx = -347.
 (1) My = 6. Ncy = -379.

Ascx(22)= 676. Ascyl(1)= 300. Rsc= 0.98 Asvc(0)= 78.8 Rsvc= 0.40
 3D18 2D18 3D 6

N-C= 15 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (19) Uc = N/Ac/fc = 0.09 N = -222.
 (22) Mx = -146. Ncx = -219.
 (19) My = -78. Ncy = -222.

Ascx(22)= 583. Ascyl(19)= 349. Rsc= 0.93 Asvc(0)= 78.8 Rsvc= 0.40
 3D18 2D18 3D 6

N-C= 16 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (21) Uc = N/Ac/fc = 0.08 N = -188.
 (21) Mx = 146. Ncx = -188.
 (20) My = 72. Ncy = -184.

Ascx(21)= 620. Ascyl(20)= 344. Rsc= 0.96 Asvc(0)= 78.8 Rsvc= 0.40
 3D18 2D18 3D 6

N-C= 17 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (21) Uc = N/Ac/fc = 0.12 N = -303.
 (21) Mx = 186. Ncx = -303.
 (1) My = -5. Ncy = -314.

Ascx(21)= 719. Ascyl(1)= 300. Rsc= 1.02 Asvc(0)= 78.8 Rsvc= 0.40
 3D18 2D18 3D 6

N-C= 18 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (21) Uc = N/Ac/fc = 0.12 N = -294.
 (21) Mx = 188. Ncx = -294.
 (1) My = 0. Ncy = -304.

Ascx(21)= 739. Ascyl(1)= 300. Rsc= 1.04 Asvc(0)= 78.8 Rsvc= 0.40
 3D18 2D18 3D 6

N-C= 19 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (21) Uc = N/Ac/fc = 0.12 N = -303.
 (21) Mx = 186. Ncx = -303.
 (1) My = 5. Ncy = -313.

Ascx(21)= 720. Ascyl(1)= 300. Rsc= 1.02 Asvc(0)= 78.8 Rsvc= 0.40
 3D18 2D18 3D 6

N-C= 20 (1)B*H(mm)= 400* 500 Lc= 3.30(m)
 (21) Uc = N/Ac/fc = 0.08 N = -189.
 (21) Mx = 146. Ncx = -189.
 (19) My = -71. Ncy = -185.

Ascx(21)= 619. Ascyl(19)= 331. Rsc= 0.95 Asvc(0)= 78.8 Rsvc= 0.40
 3D18 2D18 3D 6

N-B= 1 (1)B*H(mm)= 250* 600 Lb= 6.00(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 11. 66. 74. 41. 0. -M= -66. 0. 0. 0. -98.
 (49) (45) (27) (46) (1) (72) (1) (1) (23) (19)
 As= 375. 300. 439. 300. 375. As= 375. 300. 300. 300. 441.
 (0) (0) (27) (0) (0) (0) (0) (0) (0) (11)
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18
 Rs= 0.25 0.20 0.29 0.20 0.25 Rs= 0.25 0.20 0.20 0.20 0.29
 V(19)= 80. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(53)= 0.6 & 73. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 2 (1)B*H(mm)= 250* 600 Lb= 6.00(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-

+M=	0.	41.	62.	41.	0.	-M=	-92.	-3.	0.	0.	-86.
	(1)	(1)	(27)	(46)	(1)		(20)	(24)	(1)	(23)	(19)
As=	375.	300.	362.	300.	375.	As=	415.	300.	300.	300.	379.
	(0)	(0)	(27)	(0)	(0)		(12)	(0)	(0)	(0)	(11)
	2D18	2D18	2D18	2D18	2D18		2D18	2D18	2D18	2D18	2D18
Rs=	0.25	0.20	0.24	0.20	0.25	Rs=	0.28	0.20	0.20	0.20	0.25
V(20)=	73.	Asv(0)=	37.	2D 6	Rsv=	0.15					
T & V(19)=	0.0 &	71.	Ast(0)=	0.	OD 0	Astv =	0.	OD 0			
						AstI =	0.	OD 0			

N-B=	3 (1)B*H(mm)=	250* 600	Lb=	6.00(m)							
	-1-	-1-	-2-	-3-	-J-	-1-	-1-	-2-	-3-	-J-	
+M=	0.	41.	62.	41.	0.	-M=	-85.	0.	0.	-3.	-92.
	(1)	(45)	(27)	(1)	(1)		(20)	(24)	(1)	(23)	(19)
As=	375.	300.	363.	300.	375.	As=	377.	300.	300.	300.	415.
	(0)	(0)	(27)	(0)	(0)		(20)	(0)	(0)	(0)	(11)
	2D18	2D18	2D18	2D18	2D18		2D18	2D18	2D18	2D18	2D18
Rs=	0.25	0.20	0.24	0.20	0.25	Rs=	0.25	0.20	0.20	0.20	0.28
V(19)=	73.	Asv(0)=	37.	2D 6	Rsv=	0.15					
T & V(53)=	-0.1 &	67.	Ast(0)=	0.	OD 0	Astv =	0.	OD 0			
						AstI =	0.	OD 0			

N-B=	4 (1)B*H(mm)=	250* 600	Lb=	6.00(m)							
	-1-	-1-	-2-	-3-	-J-	-1-	-1-	-2-	-3-	-J-	
+M=	0.	41.	73.	64.	9.	-M=	-97.	0.	0.	0.	-69.
	(1)	(45)	(27)	(46)	(50)		(20)	(24)	(1)	(1)	(71)
As=	375.	300.	434.	300.	375.	As=	435.	300.	300.	300.	375.
	(0)	(0)	(27)	(0)	(0)		(12)	(0)	(0)	(0)	(0)
	2D18	2D18	2D18	2D18	2D18		2D18	2D18	2D18	2D18	2D18
Rs=	0.25	0.20	0.29	0.20	0.25	Rs=	0.29	0.20	0.20	0.20	0.25
V(20)=	79.	Asv(0)=	37.	2D 6	Rsv=	0.15					
T & V(53)=	-0.6 &	72.	Ast(0)=	0.	OD 0	Astv =	0.	OD 0			
						AstI =	0.	OD 0			

N-B=	5 (1)B*H(mm)=	300* 600	Lb=	6.90(m)							
	-1-	-1-	-2-	-3-	-J-	-1-	-1-	-2-	-3-	-J-	
+M=	0.	100.	185.	97.	0.	-M=	-135.	0.	0.	0.	-139.
	(1)	(47)	(27)	(48)	(1)		(74)	(1)	(1)	(1)	(73)
As=	450.	445.	1146.	457.	450.	As=	605.	360.	360.	360.	620.
	(0)	(39)	(27)	(1)	(0)		(74)	(0)	(0)	(0)	(73)
	2D18	2D18	5D18	2D18	2D18		3D18	2D18	2D18	2D18	3D18
Rs=	0.25	0.25	0.64	0.25	0.25	Rs=	0.34	0.20	0.20	0.20	0.34
V(21)=	116.	Asv(0)=	45.	2D 6	Rsv=	0.15					
T & V(53)=	-0.3 &	110.	Ast(0)=	0.	OD 0	Astv =	0.	OD 0			
						AstI =	0.	OD 0			

N-B=	6 (1)B*H(mm)=	300* 600	Lb=	6.90(m)							
	-1-	-1-	-2-	-3-	-J-	-1-	-1-	-2-	-3-	-J-	
+M=	0.	124.	298.	127.	0.	-M=	-179.	0.	0.	0.	-182.
	(1)	(47)	(27)	(48)	(1)		(74)	(1)	(1)	(1)	(73)
As=	450.	667.	2091.	697.	450.	As=	886.	360.	360.	360.	934.
	(0)	(1)	(27)	(1)	(0)		(66)	(0)	(0)	(0)	(65)
	2D18	3D18	7D20	3D18	2D18		4D18	2D18	2D18	2D18	4D18
Rs=	0.25	0.37	1.16	0.39	0.25	Rs=	0.49	0.20	0.20	0.20	0.52
V(1)=	159.	Asv(0)=	45.	2D 6	Rsv=	0.15					
T & V(53)=	0.0 &	159.	Ast(0)=	0.	OD 0	Astv =	0.	OD 0			
						AstI =	0.	OD 0			

N-B=	7 (1)B*H(mm)=	300* 600	Lb=	6.90(m)							
	-1-	-1-	-2-	-3-	-J-	-1-	-1-	-2-	-3-	-J-	
+M=	0.	125.	299.	127.	0.	-M=	-179.	0.	0.	0.	-182.
	(1)	(47)	(27)	(48)	(1)		(74)	(1)	(1)	(1)	(73)
As=	450.	667.	2096.	697.	450.	As=	888.	360.	360.	360.	938.
	(0)	(1)	(27)	(1)	(0)		(66)	(0)	(0)	(0)	(65)
	2D18	3D18	7D20	3D18	2D18		4D18	2D18	2D18	2D18	4D18
Rs=	0.25	0.37	1.16	0.39	0.25	Rs=	0.49	0.20	0.20	0.20	0.52

V(1)= 159. Asv(0)= 45. 2D 6 Rsv= 0.15
 T & V(20)= 0.0 & 142. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Ast1 = 0. OD 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. 125. 300. 127. 0. -M= -181. 0. 0. 0. -184.
 (1) (47) (27) (48) (1) (74) (1) (1) (1) (73)
 As= 450. 671. 2108. 701. 450. As= 905. 360. 360. 360. 949.
 (0) (1) (27) (1) (0) (66) (0) (0) (0) (65)
 2D18 3D18 7D20 3D18 2D18 4D18 2D18 2D18 2D18 4D18
 Rs= 0.25 0.37 1.17 0.39 0.25 Rs= 0.50 0.20 0.20 0.20 0.53
 V(1)= 180. Asv(0)= 45. 2D 6 Rsv= 0.15
 T & V(53)= 0.0 & 159. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Ast1 = 0. OD 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. 100. 187. 97. 0. -M= -137. 0. 0. 0. -140.
 (1) (47) (27) (48) (1) (74) (1) (1) (1) (73)
 As= 450. 449. 1159. 461. 450. As= 612. 360. 360. 360. 626.
 (0) (39) (27) (1) (0) (74) (0) (0) (0) (73)
 2D18 2D18 5D18 2D18 2D18 3D18 2D18 2D18 2D18 3D18
 Rs= 0.25 0.25 0.64 0.26 0.25 Rs= 0.34 0.20 0.20 0.20 0.35
 V(21)= 117. Asv(0)= 45. 2D 6 Rsv= 0.15
 T & V(53)= 0.3 & 111. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Ast1 = 0. OD 0

N-B= 10 (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. -11. 0. -11. -33.
 (1) (1) (1) (1) (1) (22) (22) (1) (21) (21)
 As= 225. 180. 180. 180. 225. As= 317. 180. 180. 180. 312.
 (0) (0) (0) (0) (0) (22) (0) (0) (0) (21)
 1D18 1D18 1D18 1D18 1D18 2D18 1D18 1D18 1D18 2D18
 Rs= 0.25 0.20 0.20 0.20 0.25 Rs= 0.35 0.20 0.20 0.20 0.35
 V(22)= 34. Asv(0)= 45. 2D 6 Rsv= 0.15
 T & V(54)= 0.0 & 23. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Ast1 = 0. OD 0

N-B= 11 (1)B*H(mm)= 250* 600 Lb= 6.00(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 5. 76. 97. 52. 0. -M= -74. 0. 0. 0. -113.
 (49) (45) (27) (1) (1) (72) (1) (1) (1) (19)
 As= 375. 365. 584. 304. 375. As= 375. 300. 300. 300. 564.
 (0) (37) (27) (1) (0) (0) (0) (0) (0) (11)
 2D18 2D18 3D18 2D18 2D18 2D18 2D18 2D18 2D18 3D18
 Rs= 0.25 0.24 0.39 0.20 0.25 Rs= 0.25 0.20 0.20 0.20 0.38
 V(19)= 92. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(53)= -0.6 & 90. 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= 0. 11. 15. 11. 0. -M= -39. -15. 0. -15. -38.
 (1) (1) (1) (1) (1) (22) (22) (1) (21) (21)
 As= 225. 180. 192. 180. 225. As= 396. 180. 180. 180. 387.
 (0) (0) (1) (0) (0) (14) (0) (0) (0) (13)
 1D18 1D18 1D18 1D18 1D18 2D18 1D18 1D18 1D18 2D18
 Rs= 0.25 0.20 0.21 0.20 0.25 Rs= 0.44 0.20 0.20 0.20 0.43
 V(22)= 35. Asv(0)= 45. 2D 6 Rsv= 0.15
 T & V(53)= 0.0 & 30. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Ast1 = 0. OD 0

N-B= 13 (1)B*H(mm)= 250* 600 Lb= 6.00(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-

N-B= 14 (1) B*H(mm) = 300* 300 Lb= 3.30(m)

+M=	0.	52.	82.	52.	0.	-M=	-107.	-1.	0.	0.	-100.
	(1)	(1)	(27)	(1)	(1)		(20)	(24)	(1)	(1)	(19)
As=	375.	304.	490.	304.	375.	As=	533.	300.	300.	300.	489.
	(0)	(1)	(27)	(1)	(0)		(12)	(0)	(0)	(0)	(11)
	2D18	2D18	2D18	2D18	2D18		3D18	2D18	2D18	2D18	2D18
Rs=	0.25	0.20	0.33	0.20	0.25	Rs=	0.36	0.20	0.20	0.20	0.33
V(1)=	85.	Asv(0)=	37.	2D 6	Rsv=	0.15					
T & V(54)=	0.0 &	72.	Ast(0)=	0.	0D 0	Astv =	0.	0D 0			
						Ast1 =	0.	0D 0			

N-B= 15 (1) B*H(mm) = 250* 600 Lb= 6.00(m)

+M=	0.	11.	15.	11.	0.	-M=	-39.	-15.	0.	-15.	-38.
	(1)	(1)	(1)	(1)	(1)		(22)	(22)	(1)	(21)	(21)
As=	225.	180.	192.	180.	225.	As=	398.	180.	180.	180.	389.
	(0)	(0)	(1)	(0)	(0)		(14)	(0)	(0)	(0)	(13)
	1D18	1D18	1D18	1D18	1D18		2D18	1D18	1D18	1D18	2D18
Rs=	0.25	0.20	0.21	0.20	0.25	Rs=	0.44	0.20	0.20	0.20	0.43
V(22)=	35.	Asv(0)=	45.	2D 6	Rsv=	0.15					
T & V(54)=	0.0 &	26.	Ast(0)=	0.	0D 0	Astv =	0.	0D 0			
						Ast1 =	0.	0D 0			

N-B= 16 (1) B*H(mm) = 300* 300 Lb= 3.30(m)

+M=	0.	52.	83.	52.	0.	-M=	-99.	0.	0.	-1.	-107.
	(1)	(1)	(27)	(1)	(1)		(20)	(1)	(1)	(23)	(19)
As=	375.	304.	491.	304.	375.	As=	487.	300.	300.	300.	532.
	(0)	(1)	(27)	(1)	(0)		(12)	(0)	(0)	(0)	(11)
	2D18	2D18	2D18	2D18	2D18		2D18	2D18	2D18	2D18	3D18
Rs=	0.25	0.20	0.33	0.20	0.25	Rs=	0.32	0.20	0.20	0.20	0.35
V(1)=	85.	Asv(0)=	37.	2D 6	Rsv=	0.15					
T & V(53)=	0.1 &	83.	Ast(0)=	0.	0D 0	Astv =	0.	0D 0			
						Ast1 =	0.	0D 0			

N-B= 17 (1) B*H(mm) = 250* 600 Lb= 6.00(m)

+M=	0.	11.	15.	11.	0.	-M=	-39.	-15.	0.	-15.	-38.
	(1)	(1)	(1)	(1)	(1)		(22)	(22)	(1)	(21)	(21)
As=	225.	180.	192.	180.	225.	As=	397.	180.	180.	180.	388.
	(0)	(0)	(1)	(0)	(0)		(14)	(0)	(0)	(0)	(13)
	1D18	1D18	1D18	1D18	1D18		2D18	1D18	1D18	1D18	2D18
Rs=	0.25	0.20	0.21	0.20	0.25	Rs=	0.44	0.20	0.20	0.20	0.43
V(22)=	35.	Asv(0)=	45.	2D 6	Rsv=	0.15					
T & V(54)=	0.0 &	27.	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)

+M=	0.	9.	13.	9.	0.	-M=	-33.	-11.	0.	-11.	-33.
	(1)	(1)	(1)	(1)	(1)		(22)	(22)	(1)	(21)	(21)
As=	225.	180.	180.	180.	225.	As=	318.	180.	180.	180.	313.
	(0)	(0)	(0)	(0)	(0)		(22)	(0)	(0)	(0)	(21)
	1D18	1D18	1D18	1D18	1D18		2D18	1D18	1D18	1D18	2D18
Rs=	0.25	0.20	0.20	0.20	0.25	Rs=	0.35	0.20	0.20	0.20	0.35

V(22)= 34. Asv(0)= 45. 2D 6 Rsv= 0.15
 T & V(54)= 0.0 & 24. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 19 (1)B*H(mm)= 250* 600 Lb= 6.00(m)
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 5. 76. 97. 52. 0. -M= -74. 0. 0. 0. -113.
 (49) (45) (27) (1) (1) (72) (1) (1) (1) (19)
 As= 375. 365. 584. 304. 375. As= 375. 300. 300. 300. 564.
 (0) (37) (27) (1) (0) (0) (0) (0) (0) (11)
 2D18 2D18 3D18 2D18 2D18 2D18 2D18 2D18 2D18 3D18
 Rs= 0.25 0.24 0.39 0.20 0.25 Rs= 0.25 0.20 0.20 0.20 0.38
 V(19)= 92. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(53)= 0.6 & 90. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 20 (1)B*H(mm)= 250* 600 Lb= 6.00(m)
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 52. 82. 52. 0. -M= -107. -1. 0. 0. -100.
 (1) (1) (27) (1) (1) (20) (24) (1) (1) (19)
 As= 375. 304. 490. 304. 375. As= 533. 300. 300. 300. 489.
 (0) (1) (27) (1) (0) (12) (0) (0) (0) (11)
 2D18 2D18 2D18 2D18 2D18 3D18 2D18 2D18 2D18 2D18
 Rs= 0.25 0.20 0.33 0.20 0.25 Rs= 0.36 0.20 0.20 0.20 0.33
 V(1)= 85. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(19)= 0.0 & 82. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 21 (1)B*H(mm)= 250* 600 Lb= 6.00(m)
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 52. 83. 52. 0. -M= -99. 0. 0. -1. -106.
 (1) (1) (27) (1) (1) (20) (1) (1) (23) (19)
 As= 375. 304. 491. 304. 375. As= 487. 300. 300. 300. 532.
 (0) (1) (27) (1) (0) (12) (0) (0) (0) (11)
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 3D18
 Rs= 0.25 0.20 0.33 0.20 0.25 Rs= 0.32 0.20 0.20 0.20 0.35
 V(1)= 85. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(54)= 0.0 & 72. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 22 (1)B*H(mm)= 250* 600 Lb= 6.00(m)
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 52. 96. 74. 3. -M= -112. 0. 0. 0. -77.
 (1) (1) (27) (46) (50) (20) (1) (1) (1) (71)
 As= 375. 304. 578. 351. 375. As= 556. 300. 300. 300. 375.
 (0) (1) (27) (38) (0) (12) (0) (0) (0) (0)
 2D18 2D18 3D18 2D18 2D18 3D18 2D18 2D18 2D18 2D18
 Rs= 0.25 0.20 0.39 0.23 0.25 Rs= 0.37 0.20 0.20 0.20 0.25
 V(20)= 92. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(53)= -0.6 & 89. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 23 (1)B*H(mm)= 300* 600 Lb= 6.90(m)
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 94. 191. 103. 0. -M= -139. 0. 0. 0. -137.
 (1) (47) (27) (48) (1) (22) (1) (1) (1) (73)
 As= 450. 450. 1186. 463. 450. As= 620. 360. 360. 360. 612.
 (0) (1) (27) (40) (0) (22) (0) (0) (0) (73)
 2D18 2D18 5D18 2D18 2D18 3D18 2D18 2D18 2D18 3D18
 Rs= 0.25 0.25 0.66 0.26 0.25 Rs= 0.34 0.20 0.20 0.20 0.34
 V(22)= 115. Asv(0)= 45. 2D 6 Rsv= 0.15
 T & V(53)= 0.3 & 108. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 24 (1)B*H(mm)= 300* 600 Lb= 6.90(m)
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-

N-B= 25 (1)B*H(mm)= 300* 600 Lb= 6.90(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 121. 310. 129. 0. -M= -181. 0. 0. 0. -181.
 (1) (47) (27) (48) (1) (74) (1) (1) (1) (73)
 As= 450. 682. 2191. 682. 450. As= 926. 360. 360. 360. 894.
 (0) (1) (27) (1) (0) (66) (0) (0) (0) (65)
 2D18 3D18 7D20 3D18 2D18 4D18 2D18 2D18 2D18 4D18
 Rs= 0.25 0.38 1.22 0.38 0.25 Rs= 0.51 0.20 0.20 0.20 0.50
 V(1)= 156. Asv(0)= 45. 2D 6 Rsv= 0.15
 T & V(53)= 0.0 & 155. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 25 (1)B*H(mm)= 300* 600 Lb= 6.90(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 122. 310. 130. 0. -M= -181. 0. 0. 0. -180.
 (1) (47) (27) (48) (1) (74) (1) (1) (1) (73)
 As= 450. 682. 2197. 682. 450. As= 926. 360. 360. 360. 889.
 (0) (1) (27) (1) (0) (66) (0) (0) (0) (65)
 2D18 3D18 7D20 3D18 2D18 4D18 2D18 2D18 2D18 4D18
 Rs= 0.25 0.38 1.22 0.38 0.25 Rs= 0.51 0.20 0.20 0.20 0.49
 V(1)= 156. Asv(0)= 45. 2D 6 Rsv= 0.15
 T & V(19)= 0.0 & 139. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 26 (1)B*H(mm)= 300* 600 Lb= 6.90(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 122. 311. 130. 0. -M= -182. 0. 0. 0. -181.
 (1) (47) (27) (48) (1) (74) (1) (1) (1) (21)
 As= 450. 684. 2202. 684. 450. As= 927. 360. 360. 360. 892.
 (0) (1) (27) (1) (0) (66) (0) (0) (0) (13)
 2D18 3D18 8D20 3D18 2D18 4D18 2D18 2D18 2D18 4D18
 Rs= 0.25 0.38 1.22 0.38 0.25 Rs= 0.52 0.20 0.20 0.20 0.50
 V(1)= 156. Asv(0)= 45. 2D 6 Rsv= 0.15
 T & V(53)= 0.0 & 156. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 27 (1)B*H(mm)= 300* 600 Lb= 6.90(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 94. 192. 104. 0. -M= -139. 0. 0. 0. -137.
 (1) (47) (27) (48) (1) (22) (1) (1) (1) (21)
 As= 450. 452. 1194. 465. 450. As= 623. 360. 360. 360. 614.
 (0) (1) (27) (40) (0) (22) (0) (0) (0) (21)
 2D18 2D18 5D18 2D18 2D18 3D18 2D18 2D18 2D18 3D18
 Rs= 0.25 0.25 0.66 0.26 0.25 Rs= 0.35 0.20 0.20 0.20 0.34
 V(22)= 115. Asv(0)= 45. 2D 6 Rsv= 0.15
 T & V(53)= -0.3 & 109. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 28 (1)B*H(mm)= 250* 600 Lb= 6.00(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 10. 66. 74. 41. 0. -M= -66. 0. 0. 0. -97.
 (49) (45) (27) (46) (1) (72) (1) (1) (23) (19)
 As= 375. 300. 439. 300. 375. As= 375. 300. 300. 300. 441.
 (0) (0) (27) (0) (0) (0) (0) (0) (0) (11)
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18
 Rs= 0.25 0.20 0.29 0.20 0.25 Rs= 0.25 0.20 0.20 0.20 0.29
 V(19)= 80. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(53)= -0.6 & 73. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 29 (1)B*H(mm)= 250* 600 Lb= 6.00(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 41. 62. 41. 0. -M= -91. -3. 0. 0. -85.
 (1) (1) (27) (46) (1) (20) (24) (1) (1) (19)
 As= 375. 300. 362. 300. 375. As= 415. 300. 300. 300. 378.
 (0) (0) (27) (0) (0) (12) (0) (0) (0) (11)
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18
 Rs= 0.25 0.20 0.24 0.20 0.25 Rs= 0.28 0.20 0.20 0.20 0.25

V(20)= 73. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(72)= 0.0 & 72. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 30 (1)B*B(mm)= 250* 600 Lb= 6.00(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 41. 62. 41. 0. -M= -85. 0. 0. -3. -91.
 (1) (45) (27) (1) (1) (20) (1) (1) (23) (19)
 As= 375. 300. 363. 300. 375. As= 376. 300. 300. 300. 415.
 (0) (0) (27) (0) (0) (12) (0) (0) (0) (11)
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18
 Rs= 0.25 0.20 0.24 0.20 0.25 Rs= 0.25 0.20 0.20 0.20 0.28
 V(19)= 73. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(54)= 0.0 & 57. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

N-B= 31 (1)B*B(mm)= 250* 600 Lb= 6.00(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 0. 41. 73. 64. 8. -M= -96. 0. 0. 0. -69.
 (1) (45) (27) (46) (50) (20) (1) (1) (1) (71)
 As= 375. 300. 434. 300. 375. As= 435. 300. 300. 300. 375.
 (0) (0) (27) (0) (0) (12) (0) (0) (0) (0)
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18
 Rs= 0.25 0.20 0.29 0.20 0.25 Rs= 0.29 0.20 0.20 0.20 0.25
 V(20)= 79. Asv(0)= 37. 2D 6 Rsv= 0.15
 T & V(53)= 0.6 & 72. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Astl = 0. 0D 0

 * Output of Combined Force of Column, Wall and Brace on Each Floor *
 * NZ-1.0UF *
 * ----- *
 * 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,W-I,J --- Shear, torsion and moment on left and right of beam *

No. of Floor = 1

C(TYPE)	ND	V-X	V-Y	=N=	M-X	M-Y
1(1)	1 TOP	-6.09	-2.30	-109.78	-9.61	25.58
	1 BOT	6.09	2.30	-109.78	-4.84	12.60
1(2)	1 TOP	-5.30	-2.01	-94.14	-8.36	22.25
	1 BOT	5.30	2.01	-94.14	-4.21	10.96
1(3)	1 TOP	0.47	-1.97	-89.64	-7.98	5.10
	1 BOT	-0.47	1.97	-89.64	-4.39	-8.04
1(4)	1 TOP	-9.99	-1.62	-98.03	-6.99	34.93
	1 BOT	9.99	1.62	-98.03	-3.14	27.73
1(5)	1 TOP	-4.78	1.19	-90.44	-0.68	20.07
	1 BOT	4.78	-1.19	-90.44	8.12	9.87
1(6)	1 TOP	-4.75	-4.78	-97.23	-14.29	19.96
	1 BOT	4.75	4.78	-97.23	-15.65	9.82
1(7)	1 TOP	1.26	-1.67	-74.00	-6.73	1.76
	1 BOT	-1.26	1.67	-74.00	-3.76	-9.68
1(8)	1 TOP	-9.20	-1.32	-82.39	-5.74	31.60
	1 BOT	9.20	1.32	-82.39	-2.52	26.09
1(9)	1 TOP	-3.98	1.49	-74.80	0.57	16.73
	1 BOT	3.98	-1.49	-74.80	8.75	8.23
1(10)	1 TOP	-3.96	-4.48	-81.59	-13.04	16.63
	1 BOT	3.96	4.48	-81.59	-15.02	8.18
1(11)	1 TOP	-1.44	-2.38	-103.83	-9.71	12.07
	1 BOT	1.44	2.38	-103.83	-5.21	-3.01
1(12)	1 TOP	-10.34	-2.08	-110.95	-8.87	37.43
	1 BOT	10.34	2.08	-110.95	-4.15	27.39
1(13)	1 TOP	-5.90	0.31	-104.50	-3.51	24.79
	1 BOT	5.90	-0.31	-104.50	5.42	12.21
1(14)	1 TOP	-5.88	-4.76	-110.28	-15.08	24.70
	1 BOT	5.88	4.76	-110.28	-14.78	12.17
1(15)	1 TOP	-0.65	-2.08	-88.19	-8.46	8.73
	1 BOT	0.65	2.08	-88.19	-4.58	-4.65
1(16)	1 TOP	-9.54	-1.78	-95.31	-7.62	34.09
	1 BOT	9.54	1.78	-95.31	-3.52	25.75
1(17)	1 TOP	-5.11	0.60	-88.86	-2.26	21.46
	1 BOT	5.11	-0.60	-88.86	6.05	10.57
1(18)	1 TOP	-5.09	-4.46	-94.64	-13.83	21.37
	1 BOT	5.09	4.46	-94.64	-14.15	10.53
1(19)	1 TOP	26.90	-3.12	-74.75	-11.43	-69.49
	1 BOT	-26.90	3.12	-74.75	-8.10	-99.18
1(20)	1 TOP	-37.57	-0.91	-126.58	-5.36	114.29
	1 BOT	37.57	0.91	-126.58	-0.35	121.24
1(21)	1 TOP	-5.31	17.20	-78.55	35.54	22.45
	1 BOT	5.31	-17.20	-78.55	72.31	10.83

1(22)	1	TOP	-5.36	-21.23	-122.79	-52.33	22.35
	1	BOT	5.36	21.23	-122.79	-80.76	11.22
1(23)	1	TOP	27.79	-2.78	-57.98	-10.03	-73.22
	1	BOT	-27.79	2.78	-57.98	-7.40	-101.02
1(24)	1	TOP	-36.68	-0.58	-109.81	-3.96	110.56
	1	BOT	36.68	0.58	-109.81	0.35	119.40
1(25)	1	TOP	-4.42	17.54	-61.77	36.94	18.72
	1	BOT	4.42	-17.54	-61.77	73.02	8.99
1(26)	1	TOP	-4.47	-20.89	-106.01	-50.94	18.62
	1	BOT	4.47	20.89	-106.01	-80.06	9.38

2(1)	2	TOP	1.15	-2.82	-210.56	-11.77	-4.78
	2	BOT	-1.15	2.82	-210.56	-5.89	-2.44
2(2)	2	TOP	1.00	-2.49	-182.02	-10.40	-4.15
	2	BOT	-1.00	2.49	-182.02	-5.21	-2.12
2(3)	2	TOP	7.03	-2.02	-172.78	-8.30	-22.39
	2	BOT	-7.03	2.02	-172.78	-4.34	-21.66
2(4)	2	TOP	-5.21	-1.91	-169.68	-8.11	14.87
	2	BOT	5.21	1.91	-169.68	-3.87	17.79
2(5)	2	TOP	0.91	1.02	-167.89	-1.40	-3.77
	2	BOT	-0.91	-1.02	-167.89	7.78	-1.94
2(6)	2	TOP	0.91	-4.95	-174.58	-15.01	-3.75
	2	BOT	-0.91	4.95	-174.58	-15.99	-1.93
2(7)	2	TOP	6.87	-1.69	-144.24	-6.93	-21.77
	2	BOT	-6.87	1.69	-144.24	-3.66	-21.33
2(8)	2	TOP	-5.36	-1.58	-141.15	-6.74	15.50
	2	BOT	5.36	1.58	-141.15	-3.19	18.11
2(9)	2	TOP	0.76	1.35	-139.35	-0.03	-3.15
	2	BOT	-0.76	-1.35	-139.35	8.47	-1.62
2(10)	2	TOP	0.75	-4.62	-146.04	-13.65	-3.12
	2	BOT	-0.75	4.62	-146.04	-15.31	-1.61
2(11)	2	TOP	6.31	-2.73	-205.97	-11.31	-20.46
	2	BOT	-6.31	2.73	-205.97	-5.82	-19.13
2(12)	2	TOP	-4.08	-2.64	-203.34	-11.15	11.21
	2	BOT	4.08	2.64	-203.34	-5.42	14.40
2(13)	2	TOP	1.12	-0.15	-201.81	-5.45	-4.64
	2	BOT	-1.12	0.15	-201.81	4.48	-2.37
2(14)	2	TOP	1.11	-5.22	-207.50	-17.02	-4.62
	2	BOT	-1.11	5.22	-207.50	-15.73	-2.36
2(15)	2	TOP	6.16	-2.41	-177.43	-9.95	-19.84
	2	BOT	-6.16	2.41	-177.43	-5.14	-18.81
2(16)	2	TOP	-4.24	-2.32	-174.80	-9.79	11.84
	2	BOT	4.24	2.32	-174.80	-4.74	14.72
2(17)	2	TOP	0.97	0.17	-173.27	-4.08	-4.01
	2	BOT	-0.97	-0.17	-173.27	5.16	-2.05
2(18)	2	TOP	0.96	-4.90	-178.96	-15.65	-3.99
	2	BOT	-0.96	4.90	-178.96	-15.04	-2.04
2(19)	2	TOP	38.73	-2.66	-197.66	-10.34	-119.06
	2	BOT	-38.73	2.66	-197.66	-6.35	-123.74
2(20)	2	TOP	-36.70	-2.00	-178.51	-9.13	110.67
	2	BOT	36.70	2.00	-178.51	-3.39	119.44
2(21)	2	TOP	1.16	16.93	-166.38	34.31	-4.65
	2	BOT	-1.16	-16.93	-166.38	71.81	-2.59
2(22)	2	TOP	0.87	-21.58	-209.79	-53.78	-3.74
	2	BOT	-0.87	21.58	-209.79	-81.56	-1.71
2(23)	2	TOP	38.56	-2.27	-166.31	-8.71	-118.36
	2	BOT	-38.56	2.27	-166.31	-5.54	-123.39
2(24)	2	TOP	-36.87	-1.61	-147.17	-7.51	111.37
	2	BOT	36.87	1.61	-147.17	-2.58	119.80
2(25)	2	TOP	0.99	17.31	-135.03	35.93	-3.95
	2	BOT	-0.99	-17.31	-135.03	72.62	-2.23
2(26)	2	TOP	0.70	-21.20	-178.44	-52.15	-3.04
	2	BOT	-0.70	21.20	-178.44	-80.74	-1.35

3(1)	3	TOP	0.04	-3.01	-193.06	-12.61	-0.10
	3	BOT	-0.04	3.01	-193.06	-6.29	-0.12

3(2)	3	TOP	0.03	-2.65	-166.72	-11.08	-0.08
	3	BOT	-0.03	2.65	-166.72	-5.53	-0.10
3(3)	3	TOP	5.96	-2.19	-158.00	-9.15	-17.91
	3	BOT	-5.96	2.19	-158.00	-4.56	-19.43
3(4)	3	TOP	-5.87	-2.19	-158.00	-9.15	17.64
	3	BOT	5.87	2.19	-158.00	-4.56	19.16
3(5)	3	TOP	0.04	0.80	-154.61	-2.34	-0.14
	3	BOT	-0.04	-0.80	-154.61	7.33	-0.14
3(6)	3	TOP	0.04	-5.17	-161.38	-15.96	-0.13
	3	BOT	-0.04	5.17	-161.38	-16.44	-0.14
3(7)	3	TOP	5.95	-1.82	-131.66	-7.63	-17.88
	3	BOT	-5.95	1.82	-131.66	-3.80	-19.41
3(8)	3	TOP	-5.88	-1.82	-131.66	-7.63	17.66
	3	BOT	5.88	1.82	-131.66	-3.80	19.18
3(9)	3	TOP	0.04	1.16	-128.28	-0.82	-0.11
	3	BOT	-0.04	-1.16	-128.28	8.09	-0.12
3(10)	3	TOP	0.04	-4.80	-135.05	-14.43	-0.11
	3	BOT	-0.04	4.80	-135.05	-15.68	-0.11
3(11)	3	TOP	5.06	-2.89	-187.80	-12.09	-15.22
	3	BOT	-5.06	2.89	-187.80	-6.03	-16.53
3(12)	3	TOP	-4.99	-2.89	-187.80	-12.09	15.00
	3	BOT	4.99	2.89	-187.80	-6.03	16.28
3(13)	3	TOP	0.04	-0.36	-184.92	-6.30	-0.11
	3	BOT	-0.04	0.36	-184.92	4.07	-0.13
3(14)	3	TOP	0.04	-5.42	-190.68	-17.87	-0.11
	3	BOT	-0.04	5.42	-190.68	-16.13	-0.13
3(15)	3	TOP	5.06	-2.53	-161.47	-10.56	-15.19
	3	BOT	-5.06	2.53	-161.47	-5.27	-16.51
3(16)	3	TOP	-5.00	-2.53	-161.47	-10.56	15.02
	3	BOT	5.00	2.53	-161.47	-5.27	16.30
3(17)	3	TOP	0.03	0.01	-158.59	-4.78	-0.09
	3	BOT	-0.03	-0.01	-158.59	4.83	-0.10
3(18)	3	TOP	0.03	-5.06	-164.34	-16.35	-0.09
	3	BOT	-0.03	5.06	-164.34	-15.38	-0.10
3(19)	3	TOP	36.49	-2.54	-173.02	-10.63	-109.67
	3	BOT	-36.49	2.54	-173.02	-5.30	-119.09
3(20)	3	TOP	-36.40	-2.54	-173.02	-10.63	109.43
	3	BOT	36.40	2.54	-173.02	-5.30	118.83
3(21)	3	TOP	0.16	16.74	-151.00	33.47	-0.49
	3	BOT	-0.16	-16.74	-151.00	71.51	-0.53
3(22)	3	TOP	-0.08	-21.83	-195.05	-54.74	0.25
	3	BOT	0.08	21.83	-195.05	-82.11	0.27
3(23)	3	TOP	36.48	-2.12	-144.18	-8.86	-109.65
	3	BOT	-36.48	2.12	-144.18	-4.42	-119.07
3(24)	3	TOP	-36.41	-2.12	-144.18	-8.86	109.45
	3	BOT	36.41	2.12	-144.18	-4.42	118.85
3(25)	3	TOP	0.16	17.17	-122.16	35.25	-0.47
	3	BOT	-0.16	-17.17	-122.16	72.39	-0.51
3(26)	3	TOP	-0.09	-21.40	-166.21	-52.96	0.27
	3	BOT	0.09	21.40	-166.21	-81.22	0.29

4(1)	4	TOP	-1.05	-2.71	-210.00	-11.34	4.45
	4	BOT	1.05	2.71	-210.00	-5.65	2.13
4(2)	4	TOP	-0.91	-2.37	-181.38	-9.91	3.87
	4	BOT	0.91	2.37	-181.38	-4.94	1.86
4(3)	4	TOP	5.30	-2.00	-170.19	-8.49	-15.16
	4	BOT	-5.30	2.00	-170.19	-4.03	-18.08
4(4)	4	TOP	-6.93	-2.10	-173.29	-8.68	22.10
	4	BOT	6.93	2.10	-173.29	-4.50	21.37
4(5)	4	TOP	-0.82	0.93	-168.40	-1.78	3.48
	4	BOT	0.82	-0.93	-168.40	7.63	1.65
4(6)	4	TOP	-0.81	-5.03	-175.09	-15.40	3.46
	4	BOT	0.81	5.03	-175.09	-16.15	1.64
4(7)	4	TOP	5.44	-1.66	-141.57	-7.06	-15.74
	4	BOT	-5.44	1.66	-141.57	-3.32	-18.35
4(8)	4	TOP	-6.80	-1.76	-144.66	-7.25	21.52

	4	BOT	6.80	1.76	-144.66	-3.79	21.10
4(9)	4	TOP	-0.68	1.27	-139.77	-0.35	2.90
	4	BOT	0.68	-1.27	-139.77	8.34	1.38
4(10)	4	TOP	-0.68	-4.69	-146.46	-13.97	2.88
	4	BOT	0.68	4.69	-146.46	-15.44	1.37
4(11)	4	TOP	4.19	-2.57	-202.95	-10.85	-11.54
	4	BOT	-4.19	2.57	-202.95	-5.24	-14.71
4(12)	4	TOP	-6.21	-2.66	-205.58	-11.01	20.14
	4	BOT	6.21	2.66	-205.58	-5.64	18.82
4(13)	4	TOP	-1.02	-0.08	-201.42	-5.14	4.31
	4	BOT	1.02	0.08	-201.42	4.66	2.06
4(14)	4	TOP	-1.01	-5.15	-207.11	-16.72	4.29
	4	BOT	1.01	5.15	-207.11	-15.55	2.05
4(15)	4	TOP	4.32	-2.23	-174.33	-9.42	-12.12
	4	BOT	-4.32	2.23	-174.33	-4.53	-14.98
4(16)	4	TOP	-6.08	-2.31	-176.96	-9.58	19.56
	4	BOT	6.08	2.31	-176.96	-4.93	18.55
4(17)	4	TOP	-0.88	0.26	-172.80	-3.71	3.73
	4	BOT	0.88	-0.26	-172.80	5.37	1.79
4(18)	4	TOP	-0.88	-4.80	-178.48	-15.29	3.71
	4	BOT	0.88	4.80	-178.48	-14.84	1.78
4(19)	4	TOP	36.80	-2.00	-178.57	-9.17	-110.98
	4	BOT	-36.80	2.00	-178.57	-3.37	-119.74
4(20)	4	TOP	-38.63	-2.67	-197.71	-10.37	118.75
	4	BOT	38.63	2.67	-197.71	-6.34	123.45
4(21)	4	TOP	-0.81	16.99	-166.31	34.42	3.57
	4	BOT	0.81	-16.99	-166.31	72.09	1.48
4(22)	4	TOP	-1.03	-21.65	-209.97	-53.96	4.20
	4	BOT	1.03	21.65	-209.97	-81.80	2.23
4(23)	4	TOP	36.95	-1.61	-147.21	-7.54	-111.62
	4	BOT	-36.95	1.61	-147.21	-2.56	-120.05
4(24)	4	TOP	-38.48	-2.28	-166.35	-8.74	118.11
	4	BOT	38.48	2.28	-166.35	-5.53	123.14
4(25)	4	TOP	-0.65	17.38	-134.96	36.05	2.93
	4	BOT	0.65	-17.38	-134.96	72.90	1.17
4(26)	4	TOP	-0.87	-21.26	-178.61	-52.33	3.55
	4	BOT	0.87	21.26	-178.61	-80.99	1.92

5(1)	5	TOP	6.13	-2.18	-109.36	-9.12	-25.64
	5	BOT	-6.13	2.18	-109.36	-4.53	-12.78
5(2)	5	TOP	5.33	-1.88	-93.68	-7.86	-22.30
	5	BOT	-5.33	1.88	-93.68	-3.91	-11.11
5(3)	5	TOP	10.03	-1.62	-98.27	-7.06	-34.99
	5	BOT	-10.03	1.62	-98.27	-3.11	-27.90
5(4)	5	TOP	-0.43	-1.98	-89.88	-8.05	-5.15
	5	BOT	0.43	1.98	-89.88	-4.35	7.87
5(5)	5	TOP	4.81	1.18	-90.67	-0.75	-20.13
	5	BOT	-4.81	-1.18	-90.67	8.16	-10.04
5(6)	5	TOP	4.78	-4.78	-97.47	-14.36	-20.01
	5	BOT	-4.78	4.78	-97.47	-15.62	-9.99
5(7)	5	TOP	9.23	-1.32	-82.59	-5.80	-31.64
	5	BOT	-9.23	1.32	-82.59	-2.49	-26.23
5(8)	5	TOP	-1.23	-1.68	-74.20	-6.79	-1.81
	5	BOT	1.23	1.68	-74.20	-3.73	9.54
5(9)	5	TOP	4.01	1.48	-75.00	0.51	-16.78
	5	BOT	-4.01	-1.48	-75.00	8.78	-8.37
5(10)	5	TOP	3.98	-4.48	-81.79	-13.10	-16.67
	5	BOT	-3.98	4.48	-81.79	-15.00	-8.32
5(11)	5	TOP	10.37	-1.97	-110.63	-8.46	-37.48
	5	BOT	-10.37	1.97	-110.63	-3.88	-27.56
5(12)	5	TOP	1.48	-2.27	-103.51	-9.30	-12.13
	5	BOT	-1.48	2.27	-103.51	-4.94	2.84
5(13)	5	TOP	5.94	0.41	-104.18	-3.10	-24.85
	5	BOT	-5.94	-0.41	-104.18	5.69	-12.39
5(14)	5	TOP	5.92	-4.65	-109.96	-14.67	-24.76
	5	BOT	-5.92	4.65	-109.96	-14.51	-12.34

5(15)	5	TOP	9.57	-1.67	-94.95	-7.20	-34.14
	5	BOT	-9.57	1.67	-94.95	-3.26	-25.89
5(16)	5	TOP	0.68	-1.97	-87.83	-8.04	-8.78
	5	BOT	-0.68	1.97	-87.83	-4.32	4.51
5(17)	5	TOP	5.14	0.71	-88.50	-1.84	-21.51
	5	BOT	-5.14	-0.71	-88.50	6.31	-10.72
5(18)	5	TOP	5.12	-4.35	-94.28	-13.41	-21.41
	5	BOT	-5.12	4.35	-94.28	-13.89	-10.67
5(19)	5	TOP	37.60	-0.86	-126.54	-5.19	-114.35
	5	BOT	-37.60	0.86	-126.54	-0.20	-121.41
5(20)	5	TOP	-26.87	-3.06	-74.71	-11.26	69.44
	5	BOT	26.87	3.06	-74.71	-7.95	99.01
5(21)	5	TOP	5.56	17.39	-78.54	36.03	-23.13
	5	BOT	-5.56	-17.39	-78.54	73.00	-11.75
5(22)	5	TOP	5.17	-21.31	-122.72	-52.48	-21.78
	5	BOT	-5.17	21.31	-122.72	-81.14	-10.65
5(23)	5	TOP	36.71	-0.53	-109.77	-3.82	-110.61
	5	BOT	-36.71	0.53	-109.77	0.48	-119.54
5(24)	5	TOP	-27.76	-2.74	-57.94	-9.89	73.18
	5	BOT	27.76	2.74	-57.94	-7.27	100.88
5(25)	5	TOP	4.67	17.72	-61.76	37.40	-19.39
	5	BOT	-4.67	-17.72	-61.76	73.68	-9.88
5(26)	5	TOP	4.28	-20.98	-105.95	-51.11	-18.04
	5	BOT	-4.28	20.98	-105.95	-80.46	-8.78

6(1)	6	TOP	-8.18	-9.32	-544.13	-39.04	34.35
	6	BOT	8.18	9.32	-544.13	-19.39	16.94
6(2)	6	TOP	-7.10	-8.04	-466.12	-33.67	29.83
	6	BOT	7.10	8.04	-466.12	-16.73	14.71
6(3)	6	TOP	-0.04	-8.06	-461.86	-33.28	8.91
	6	BOT	0.04	8.06	-461.86	-17.25	-8.64
6(4)	6	TOP	-12.88	-7.30	-474.24	-31.08	45.38
	6	BOT	12.88	7.30	-474.24	-14.70	35.38
6(5)	6	TOP	-6.45	0.54	-463.36	-8.76	27.10
	6	BOT	6.45	-0.54	-463.36	12.17	13.35
6(6)	6	TOP	-6.47	-15.90	-472.75	-55.60	27.18
	6	BOT	6.47	15.90	-472.75	-44.12	13.39
6(7)	6	TOP	1.03	-6.78	-383.85	-27.92	4.38
	6	BOT	-1.03	6.78	-383.85	-14.59	-10.86
6(8)	6	TOP	-11.80	-6.02	-396.24	-25.72	40.85
	6	BOT	11.80	6.02	-396.24	-12.03	33.15
6(9)	6	TOP	-5.38	1.82	-385.35	-3.40	22.58
	6	BOT	5.38	-1.82	-385.35	14.83	11.12
6(10)	6	TOP	-5.39	-14.62	-394.74	-50.24	22.66
	6	BOT	5.39	14.62	-394.74	-41.46	11.16
6(11)	6	TOP	-2.47	-9.40	-527.45	-38.94	17.77
	6	BOT	2.47	9.40	-527.45	-19.96	-2.30
6(12)	6	TOP	-13.38	-8.75	-537.98	-37.07	48.77
	6	BOT	13.38	8.75	-537.98	-17.79	35.11
6(13)	6	TOP	-7.91	-2.08	-528.73	-18.10	33.24
	6	BOT	7.91	2.08	-528.73	5.04	16.39
6(14)	6	TOP	-7.93	-16.06	-536.71	-57.92	33.30
	6	BOT	7.93	16.06	-536.71	-42.80	16.42
6(15)	6	TOP	-1.39	-8.12	-449.45	-33.58	13.25
	6	BOT	1.39	8.12	-449.45	-17.30	-4.53
6(16)	6	TOP	-12.30	-7.47	-459.97	-31.71	44.24
	6	BOT	12.30	7.47	-459.97	-15.13	32.88
6(17)	6	TOP	-6.84	-0.80	-450.72	-12.74	28.71
	6	BOT	6.84	0.80	-450.72	7.71	14.16
6(18)	6	TOP	-6.85	-14.78	-458.70	-52.55	28.78
	6	BOT	6.85	14.78	-458.70	-40.14	14.19
6(19)	6	TOP	31.59	-10.76	-457.22	-41.99	-78.93
	6	BOT	-31.59	10.76	-457.22	-25.45	-119.16
6(20)	6	TOP	-45.99	-6.01	-544.09	-28.25	139.39
	6	BOT	45.99	6.01	-544.09	-9.43	148.96
6(21)	6	TOP	-7.04	44.12	-468.06	113.86	29.70

	6	BOT	7.04	-44.12	-468.06	162.78	14.44
6(22)	6	TOP	-7.36	-60.89	-533.25	-184.10	30.76
	6	BOT	7.36	60.89	-533.25	-197.66	15.36
6(23)	6	TOP	32.79	-9.36	-373.78	-36.14	-83.97
	6	BOT	-32.79	9.36	-373.78	-22.54	-121.64
6(24)	6	TOP	-44.79	-4.61	-460.65	-22.39	134.36
	6	BOT	44.79	4.61	-460.65	-6.52	146.48
6(25)	6	TOP	-5.84	45.52	-384.62	119.72	24.66
	6	BOT	5.84	-45.52	-384.62	165.69	11.95
6(26)	6	TOP	-6.16	-59.49	-449.81	-178.25	25.73
	6	BOT	6.16	59.49	-449.81	-194.75	12.88

7(1)	7	TOP	0.82	-13.89	-910.80	-58.28	-3.37
	7	BOT	-0.82	13.89	-910.80	-28.84	-1.75
7(2)	7	TOP	0.72	-12.11	-785.46	-50.80	-2.96
	7	BOT	-0.72	12.11	-785.46	-25.15	-1.53
7(3)	7	TOP	7.76	-10.89	-753.24	-45.42	-23.82
	7	BOT	-7.76	10.89	-753.24	-22.83	-24.85
7(4)	7	TOP	-6.55	-10.50	-750.84	-44.29	18.85
	7	BOT	6.55	10.50	-750.84	-21.54	22.24
7(5)	7	TOP	0.60	-2.47	-747.32	-21.43	-2.48
	7	BOT	-0.60	2.47	-747.32	5.96	-1.31
7(6)	7	TOP	0.61	-18.92	-756.75	-68.28	-2.49
	7	BOT	-0.61	18.92	-756.75	-50.33	-1.31
7(7)	7	TOP	7.66	-9.10	-627.90	-37.95	-23.41
	7	BOT	-7.66	9.10	-627.90	-19.14	-24.63
7(8)	7	TOP	-6.65	-8.72	-625.50	-36.82	19.27
	7	BOT	6.65	8.72	-625.50	-17.84	22.45
7(9)	7	TOP	0.50	-0.69	-621.98	-13.96	-2.07
	7	BOT	-0.50	0.69	-621.98	9.65	-1.09
7(10)	7	TOP	0.50	-17.14	-631.41	-60.81	-2.07
	7	BOT	-0.50	17.14	-631.41	-46.64	-1.09
7(11)	7	TOP	6.87	-13.58	-888.01	-56.74	-21.38
	7	BOT	-6.87	13.58	-888.01	-28.39	-21.70
7(12)	7	TOP	-5.30	-13.25	-885.97	-55.78	14.89
	7	BOT	5.30	13.25	-885.97	-27.30	18.33
7(13)	7	TOP	0.78	-6.42	-882.98	-36.35	-3.24
	7	BOT	-0.78	6.42	-882.98	-3.92	-1.68
7(14)	7	TOP	0.79	-20.41	-890.99	-76.17	-3.24
	7	BOT	-0.79	20.41	-890.99	-51.77	-1.69
7(15)	7	TOP	6.77	-11.80	-762.67	-49.27	-20.96
	7	BOT	-6.77	11.80	-762.67	-24.70	-21.48
7(16)	7	TOP	-5.40	-11.47	-760.63	-48.31	15.31
	7	BOT	5.40	11.47	-760.63	-23.60	18.55
7(17)	7	TOP	0.68	-4.64	-757.64	-28.88	-2.82
	7	BOT	-0.68	4.64	-757.64	-0.22	-1.47
7(18)	7	TOP	0.69	-18.62	-765.65	-68.70	-2.83
	7	BOT	-0.69	18.62	-765.65	-48.07	-1.47
7(19)	7	TOP	44.30	-13.28	-828.53	-54.16	-132.19
	7	BOT	-44.30	13.28	-828.53	-29.10	-145.54
7(20)	7	TOP	-42.90	-10.85	-811.62	-47.06	126.45
	7	BOT	42.90	10.85	-811.62	-20.98	142.55
7(21)	7	TOP	0.80	40.53	-787.41	98.65	-3.17
	7	BOT	-0.80	-40.53	-787.41	155.50	-1.85
7(22)	7	TOP	0.59	-64.66	-852.74	-199.87	-2.56
	7	BOT	-0.59	64.66	-852.74	-205.58	-1.15
7(23)	7	TOP	44.18	-11.27	-691.85	-45.73	-131.71
	7	BOT	-44.18	11.27	-691.85	-24.93	-145.29
7(24)	7	TOP	-43.02	-8.84	-674.94	-38.62	126.93
	7	BOT	43.02	8.84	-674.94	-16.80	142.80
7(25)	7	TOP	0.68	42.55	-650.73	107.09	-2.69
	7	BOT	-0.68	-42.55	-650.73	159.67	-1.60
7(26)	7	TOP	0.48	-62.65	-716.06	-191.44	-2.08
	7	BOT	-0.48	62.65	-716.06	-201.40	-0.90

8(1)	8	TOP	-0.04	-13.74	-891.30	-57.67	0.21
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	8	BOT	0.04	13.74	-891.30	-28.51	0.02
8(2)	8	TOP	-0.10	-12.22	-772.60	-51.26	0.48
	8	BOT	0.10	12.22	-772.60	-25.35	0.17
8(3)	8	TOP	7.45	-9.16	-712.16	-38.44	-22.52
	8	BOT	-7.45	9.16	-712.16	-18.99	-24.21
8(4)	8	TOP	-6.64	-9.16	-712.16	-38.44	19.22
	8	BOT	6.64	9.16	-712.16	-18.99	22.42
8(5)	8	TOP	0.41	-0.93	-707.46	-15.01	-1.65
	8	BOT	-0.41	0.93	-707.46	9.16	-0.90
8(6)	8	TOP	0.41	-17.38	-716.87	-61.86	-1.65
	8	BOT	-0.41	17.38	-716.87	-47.14	-0.89
8(7)	8	TOP	7.38	-7.63	-593.47	-32.03	-22.24
	8	BOT	-7.38	7.63	-593.47	-15.83	-24.06
8(8)	8	TOP	-6.71	-7.63	-593.47	-32.03	19.49
	8	BOT	6.71	7.63	-593.47	-15.83	22.57
8(9)	8	TOP	0.34	0.59	-588.76	-8.60	-1.38
	8	BOT	-0.34	-0.59	-588.76	12.32	-0.75
8(10)	8	TOP	0.34	-15.86	-598.17	-55.46	-1.37
	8	BOT	-0.34	15.86	-598.17	-43.97	-0.74
8(11)	8	TOP	6.02	-13.06	-864.43	-54.78	-17.81
	8	BOT	-6.02	13.06	-864.43	-27.08	-19.93
8(12)	8	TOP	-5.96	-13.06	-864.43	-54.78	17.67
	8	BOT	5.96	13.06	-864.43	-27.08	19.70
8(13)	8	TOP	0.03	-6.07	-860.43	-34.87	-0.08
	8	BOT	-0.03	6.07	-860.43	-3.16	-0.12
8(14)	8	TOP	0.03	-20.05	-868.43	-74.69	-0.07
	8	BOT	-0.03	20.05	-868.43	-51.01	-0.11
8(15)	8	TOP	5.95	-11.53	-745.73	-48.38	-17.54
	8	BOT	-5.95	11.53	-745.73	-23.92	-19.78
8(16)	8	TOP	-6.03	-11.53	-745.73	-48.38	17.94
	8	BOT	6.03	11.53	-745.73	-23.92	19.85
8(17)	8	TOP	-0.04	-4.54	-741.74	-28.46	0.20
	8	BOT	0.04	4.54	-741.74	0.01	0.03
8(18)	8	TOP	-0.04	-18.52	-749.73	-68.29	0.20
	8	BOT	0.04	18.52	-749.73	-47.84	0.04
8(19)	8	TOP	43.11	-11.12	-788.94	-46.68	-127.22
	8	BOT	-43.11	11.12	-788.94	-23.07	-143.08
8(20)	8	TOP	-42.68	-11.12	-788.93	-46.68	125.51
	8	BOT	42.68	11.12	-788.93	-23.07	142.08
8(21)	8	TOP	0.33	41.57	-756.29	102.86	-1.19
	8	BOT	-0.33	-41.57	-756.29	157.79	-0.87
8(22)	8	TOP	0.10	-63.82	-821.58	-196.22	-0.52
	8	BOT	-0.10	63.82	-821.58	-203.93	-0.13
8(23)	8	TOP	43.07	-9.27	-657.45	-38.90	-127.08
	8	BOT	-43.07	9.27	-657.45	-19.23	-143.00
8(24)	8	TOP	-42.71	-9.27	-657.45	-38.90	125.65
	8	BOT	42.71	9.27	-657.45	-19.23	142.16
8(25)	8	TOP	0.29	43.42	-624.80	110.64	-1.05
	8	BOT	-0.29	-43.42	-624.80	161.63	-0.78
8(26)	8	TOP	0.07	-61.96	-690.09	-188.44	-0.38
	8	BOT	-0.07	61.96	-690.09	-200.08	-0.05

9(1)	9	TOP	-0.07	-15.01	-910.55	-63.00	0.34
	9	BOT	0.07	15.01	-910.55	-31.11	0.09
9(2)	9	TOP	-0.03	-13.56	-792.75	-56.91	0.18
	9	BOT	0.03	13.56	-792.75	-28.11	0.02
9(3)	9	TOP	6.94	-8.50	-705.57	-35.93	-20.35
	9	BOT	-6.94	8.50	-705.57	-17.35	-23.13
9(4)	9	TOP	-7.38	-8.88	-707.97	-37.06	22.32
	9	BOT	7.38	8.88	-707.97	-18.64	23.96
9(5)	9	TOP	-0.22	-0.47	-702.09	-13.07	0.99
	9	BOT	0.22	0.47	-702.09	10.15	0.41
9(6)	9	TOP	-0.22	-16.92	-711.45	-59.92	0.98
	9	BOT	0.22	16.92	-711.45	-46.15	0.41
9(7)	9	TOP	6.97	-7.05	-587.78	-29.85	-20.52
	9	BOT	-6.97	7.05	-587.78	-14.35	-23.20

9(8)	9	TOP	-7.34	-7.44	-590.17	-30.97	22.16
	9	BOT	7.34	7.44	-590.17	-15.64	23.89
9(9)	9	TOP	-0.19	0.98	-584.29	-6.98	0.82
	9	BOT	0.19	-0.98	-584.29	13.15	0.34
9(10)	9	TOP	-0.19	-15.47	-593.66	-53.84	0.82
	9	BOT	0.19	15.47	-593.66	-43.15	0.34
9(11)	9	TOP	5.99	-13.90	-878.96	-58.54	-17.70
	9	BOT	-5.99	13.90	-878.96	-28.59	-19.87
9(12)	9	TOP	-6.18	-14.22	-881.00	-59.50	18.57
	9	BOT	6.18	14.22	-881.00	-29.69	20.15
9(13)	9	TOP	-0.09	-7.07	-876.00	-39.11	0.44
	9	BOT	0.09	7.07	-876.00	-5.22	0.14
9(14)	9	TOP	-0.09	-21.05	-883.96	-78.93	0.44
	9	BOT	0.09	21.05	-883.96	-53.07	0.14
9(15)	9	TOP	6.03	-12.45	-761.17	-52.46	-17.86
	9	BOT	-6.03	12.45	-761.17	-25.59	-19.94
9(16)	9	TOP	-6.14	-12.78	-763.21	-53.42	18.41
	9	BOT	6.14	12.78	-763.21	-26.69	20.08
9(17)	9	TOP	-0.06	-5.62	-758.20	-33.03	0.28
	9	BOT	0.06	5.62	-758.20	-2.22	0.07
9(18)	9	TOP	-0.05	-19.60	-766.17	-72.85	0.27
	9	BOT	0.05	19.60	-766.17	-50.07	0.07
9(19)	9	TOP	43.44	-10.18	-785.65	-44.30	-128.61
	9	BOT	-43.44	10.18	-785.65	-19.56	-143.77
9(20)	9	TOP	-43.76	-12.61	-802.55	-51.40	130.03
	9	BOT	43.76	12.61	-802.55	-27.68	144.32
9(21)	9	TOP	-0.05	41.39	-761.56	101.97	0.39
	9	BOT	0.05	-41.39	-761.56	157.56	-0.08
9(22)	9	TOP	-0.26	-64.19	-826.65	-197.67	1.03
	9	BOT	0.26	64.19	-826.65	-204.79	0.63
9(23)	9	TOP	43.47	-8.28	-653.30	-36.33	-128.73
	9	BOT	-43.47	8.28	-653.30	-15.62	-143.82
9(24)	9	TOP	-43.73	-10.71	-670.20	-43.43	129.91
	9	BOT	43.73	10.71	-670.20	-23.74	144.27
9(25)	9	TOP	-0.02	43.29	-629.21	109.94	0.27
	9	BOT	0.02	-43.29	-629.21	161.49	-0.13
9(26)	9	TOP	-0.24	-62.29	-694.30	-189.69	0.91
	9	BOT	0.24	62.29	-694.30	-200.86	0.59

10(1)	10	TOP	6.83	-10.63	-551.23	-44.63	-28.58
	10	BOT	-6.83	10.63	-551.23	-22.02	-14.24
10(2)	10	TOP	5.97	-9.44	-475.78	-39.62	-24.99
	10	BOT	-5.97	9.44	-475.78	-19.56	-12.45
10(3)	10	TOP	11.57	-6.77	-458.90	-28.96	-39.76
	10	BOT	-11.57	6.77	-458.90	-13.52	-32.75
10(4)	10	TOP	-1.27	-7.53	-446.52	-31.16	-3.29
	10	BOT	1.27	7.53	-446.52	-16.07	11.27
10(5)	10	TOP	5.15	1.07	-447.99	-6.63	-21.55
	10	BOT	-5.15	-1.07	-447.99	13.35	-10.76
10(6)	10	TOP	5.14	-15.38	-457.43	-53.49	-21.50
	10	BOT	-5.14	15.38	-457.43	-42.94	-10.73
10(7)	10	TOP	10.71	-5.58	-383.45	-23.95	-36.18
	10	BOT	-10.71	5.58	-383.45	-11.05	-30.96
10(8)	10	TOP	-2.13	-6.34	-371.07	-26.15	0.30
	10	BOT	2.13	6.34	-371.07	-13.61	13.06
10(9)	10	TOP	4.30	2.26	-372.54	-1.62	-17.97
	10	BOT	-4.30	-2.26	-372.54	15.82	-8.97
10(10)	10	TOP	4.28	-14.19	-381.98	-48.48	-17.91
	10	BOT	-4.28	14.19	-381.98	-40.48	-8.94
10(11)	10	TOP	12.03	-9.79	-541.71	-41.51	-43.02
	10	BOT	-12.03	9.79	-541.71	-19.85	-32.42
10(12)	10	TOP	1.12	-10.43	-531.19	-43.38	-12.02
	10	BOT	-1.12	10.43	-531.19	-22.02	4.99
10(13)	10	TOP	6.58	-3.12	-532.44	-22.53	-27.55
	10	BOT	-6.58	3.12	-532.44	2.99	-13.73
10(14)	10	TOP	6.57	-17.10	-540.46	-62.36	-27.50

	10	BOT	-6.57	17.10	-540.46	-44.87	-13.70
10(15)	10	TOP	11.17	-8.59	-466.26	-36.50	-39.44
	10	BOT	-11.17	8.59	-466.26	-17.39	-30.63
10(16)	10	TOP	0.26	-9.24	-455.74	-38.37	-8.43
	10	BOT	-0.26	9.24	-455.74	-19.56	6.78
10(17)	10	TOP	5.72	-1.92	-456.99	-17.52	-23.96
	10	BOT	-5.72	1.92	-456.99	5.45	-11.94
10(18)	10	TOP	5.71	-15.91	-465.01	-57.35	-23.91
	10	BOT	-5.71	15.91	-465.01	-42.40	-11.91
10(19)	10	TOP	44.66	-6.27	-538.36	-29.43	-133.73
	10	BOT	-44.66	6.27	-538.36	-9.88	-146.31
10(20)	10	TOP	-32.93	-11.02	-451.51	-43.18	84.63
	10	BOT	32.93	11.02	-451.51	-25.90	121.83
10(21)	10	TOP	6.01	44.24	-462.21	113.79	-25.01
	10	BOT	-6.01	-44.24	-462.21	163.60	-12.67
10(22)	10	TOP	5.73	-61.53	-527.66	-186.39	-24.09
	10	BOT	-5.73	61.53	-527.66	-199.38	-11.81
10(23)	10	TOP	43.68	-4.83	-455.87	-23.38	-129.64
	10	BOT	-43.68	4.83	-455.87	-6.90	-144.27
10(24)	10	TOP	-33.90	-9.58	-369.02	-37.13	88.72
	10	BOT	33.90	9.58	-369.02	-22.92	123.87
10(25)	10	TOP	5.03	45.68	-379.72	119.84	-20.92
	10	BOT	-5.03	-45.68	-379.72	166.58	-10.63
10(26)	10	TOP	4.75	-60.09	-445.17	-180.34	-20.00
	10	BOT	-4.75	60.09	-445.17	-196.40	-9.77

11(1)	11	TOP	-7.08	8.79	-586.81	37.03	29.73
	11	BOT	7.08	-8.79	-586.81	18.10	14.67
11(2)	11	TOP	-6.16	7.60	-502.98	31.99	25.86
	11	BOT	6.16	-7.60	-502.98	15.64	12.77
11(3)	11	TOP	0.75	6.80	-496.62	29.11	5.36
	11	BOT	-0.75	-6.80	-496.62	13.50	-10.10
11(4)	11	TOP	-11.80	7.56	-509.32	31.34	41.03
	11	BOT	11.80	-7.56	-509.32	16.07	32.98
11(5)	11	TOP	-5.52	15.30	-507.21	53.22	23.19
	11	BOT	5.52	-15.30	-507.21	42.72	11.44
11(6)	11	TOP	-5.52	-0.94	-498.73	7.23	23.20
	11	BOT	5.52	0.94	-498.73	-13.15	11.44
11(7)	11	TOP	1.68	5.60	-412.79	24.07	1.50
	11	BOT	-1.68	-5.60	-412.79	11.04	-12.00
11(8)	11	TOP	-10.88	6.37	-425.49	26.30	37.16
	11	BOT	10.88	-6.37	-425.49	13.61	31.07
11(9)	11	TOP	-4.60	14.10	-423.38	48.18	19.33
	11	BOT	4.60	-14.10	-423.38	40.25	9.53
11(10)	11	TOP	-4.60	-2.14	-414.90	2.20	19.33
	11	BOT	4.60	2.14	-414.90	-15.61	9.53
11(11)	11	TOP	-1.51	8.23	-568.84	35.06	13.59
	11	BOT	1.51	-8.23	-568.84	16.51	-4.12
11(12)	11	TOP	-12.18	8.88	-579.63	36.96	43.90
	11	BOT	12.18	-8.88	-579.63	18.70	32.49
11(13)	11	TOP	-6.85	15.45	-577.84	55.55	28.75
	11	BOT	6.85	-15.45	-577.84	41.35	14.19
11(14)	11	TOP	-6.85	1.65	-570.63	16.47	28.75
	11	BOT	6.85	-1.65	-570.63	-6.14	14.19
11(15)	11	TOP	-0.59	7.03	-485.01	30.02	9.73
	11	BOT	0.59	-7.03	-485.01	14.05	-6.03
11(16)	11	TOP	-11.26	7.68	-495.81	31.92	40.04
	11	BOT	11.26	-7.68	-495.81	16.23	30.59
11(17)	11	TOP	-5.93	14.26	-494.01	50.52	24.88
	11	BOT	5.93	-14.26	-494.01	38.88	12.28
11(18)	11	TOP	-5.93	0.45	-486.80	11.43	24.88
	11	BOT	5.93	-0.45	-486.80	-8.60	12.28
11(19)	11	TOP	31.72	5.46	-494.45	26.12	-80.62
	11	BOT	-31.72	-5.46	-494.45	8.12	-118.29
11(20)	11	TOP	-44.11	10.28	-583.35	40.17	132.61
	11	BOT	44.11	-10.28	-583.35	24.29	143.94

11(21)	11	TOP	-6.16	59.71	-567.39	179.35	25.89
	11	BOT	6.16	-59.71	-567.39	195.05	12.71
11(22)	11	TOP	-6.23	-43.97	-510.41	-113.06	26.10
	11	BOT	6.23	43.97	-510.41	-162.64	12.94
11(23)	11	TOP	32.76	4.15	-404.63	20.59	-84.95
	11	BOT	-32.76	-4.15	-404.63	5.42	-120.43
11(24)	11	TOP	-43.07	8.97	-493.53	34.64	128.28
	11	BOT	43.07	-8.97	-493.53	21.59	141.80
11(25)	11	TOP	-5.12	58.40	-477.57	173.82	21.56
	11	BOT	5.12	-58.40	-477.57	192.35	10.57
11(26)	11	TOP	-5.19	-45.28	-420.60	-118.58	21.76
	11	BOT	5.19	45.28	-420.60	-165.34	10.80

12(1)	12	TOP	0.62	13.55	-953.34	56.98	-2.55
	12	BOT	-0.62	-13.55	-953.34	27.97	-1.32
12(2)	12	TOP	0.54	11.83	-823.75	49.77	-2.25
	12	BOT	-0.54	-11.83	-823.75	24.42	-1.16
12(3)	12	TOP	7.45	10.11	-778.62	42.76	-22.69
	12	BOT	-7.45	-10.11	-778.62	20.63	-23.99
12(4)	12	TOP	-6.56	10.49	-776.47	43.86	19.03
	12	BOT	6.56	-10.49	-776.47	21.91	22.08
12(5)	12	TOP	0.44	18.42	-781.79	66.30	-1.83
	12	BOT	-0.44	-18.42	-781.79	49.20	-0.96
12(6)	12	TOP	0.44	2.18	-773.31	20.32	-1.83
	12	BOT	-0.44	-2.18	-773.31	-6.66	-0.96
12(7)	12	TOP	7.37	8.39	-649.03	35.54	-22.38
	12	BOT	-7.37	-8.39	-649.03	17.08	-23.83
12(8)	12	TOP	-6.63	8.77	-646.88	36.64	19.33
	12	BOT	6.63	-8.77	-646.88	18.36	22.24
12(9)	12	TOP	0.37	16.70	-652.19	59.08	-1.53
	12	BOT	-0.37	-16.70	-652.19	45.66	-0.80
12(10)	12	TOP	0.37	0.46	-643.72	13.10	-1.53
	12	BOT	-0.37	-0.46	-643.72	-10.21	-0.80
12(11)	12	TOP	6.54	12.90	-927.89	54.46	-20.17
	12	BOT	-6.54	-12.90	-927.89	26.42	-20.85
12(12)	12	TOP	-5.36	13.22	-926.06	55.40	15.29
	12	BOT	5.36	-13.22	-926.06	27.51	18.31
12(13)	12	TOP	0.59	19.96	-930.57	74.48	-2.44
	12	BOT	-0.59	-19.96	-930.57	50.70	-1.27
12(14)	12	TOP	0.59	6.16	-923.37	35.39	-2.44
	12	BOT	-0.59	-6.16	-923.37	3.22	-1.27
12(15)	12	TOP	6.47	11.18	-798.29	47.24	-19.87
	12	BOT	-6.47	-11.18	-798.29	22.87	-20.69
12(16)	12	TOP	-5.43	11.51	-796.46	48.18	15.59
	12	BOT	5.43	-11.51	-796.46	23.96	18.47
12(17)	12	TOP	0.52	18.25	-800.98	67.26	-2.14
	12	BOT	-0.52	-18.25	-800.98	47.16	-1.11
12(18)	12	TOP	0.52	4.44	-793.78	28.17	-2.14
	12	BOT	-0.52	-4.44	-793.78	-0.33	-1.11
12(19)	12	TOP	43.14	10.50	-860.57	45.70	-128.48
	12	BOT	-43.14	-10.50	-860.57	20.12	-142.00
12(20)	12	TOP	-42.10	12.89	-845.20	52.64	124.20
	12	BOT	42.10	-12.89	-845.20	28.16	139.77
12(21)	12	TOP	0.56	63.63	-881.44	195.64	-2.25
	12	BOT	-0.56	-63.63	-881.44	203.30	-1.23
12(22)	12	TOP	0.48	-40.24	-824.34	-97.30	-2.03
	12	BOT	-0.48	40.24	-824.34	-155.02	-0.99
12(23)	12	TOP	43.05	8.55	-718.42	37.50	-128.12
	12	BOT	-43.05	-8.55	-718.42	16.09	-141.81
12(24)	12	TOP	-42.19	10.94	-703.06	44.45	124.56
	12	BOT	42.19	-10.94	-703.06	24.14	139.96
12(25)	12	TOP	0.47	61.68	-739.29	187.44	-1.89
	12	BOT	-0.47	-61.68	-739.29	199.27	-1.05
12(26)	12	TOP	0.40	-42.19	-682.19	-105.49	-1.67
	12	BOT	-0.40	42.19	-682.19	-159.04	-0.81

13(1)	13	TOP	-0.03	13.44	-932.74	56.50	0.15
	13	BOT	0.03	-13.44	-932.74	27.76	0.02
13(2)	13	TOP	-0.10	11.97	-809.82	50.33	0.44
	13	BOT	0.10	-11.97	-809.82	24.72	0.17
13(3)	13	TOP	7.31	8.82	-737.51	37.06	-22.12
	13	BOT	-7.31	-8.82	-737.51	18.22	-23.71
13(4)	13	TOP	-6.48	8.82	-737.51	37.06	18.70
	13	BOT	6.48	-8.82	-737.51	18.22	21.92
13(5)	13	TOP	0.42	16.94	-741.74	60.06	-1.71
	13	BOT	-0.42	-16.94	-741.74	46.16	-0.90
13(6)	13	TOP	0.42	0.70	-733.27	14.07	-1.71
	13	BOT	-0.42	-0.70	-733.27	-9.71	-0.90
13(7)	13	TOP	7.24	7.35	-614.59	30.89	-21.83
	13	BOT	-7.24	-7.35	-614.59	15.19	-23.56
13(8)	13	TOP	-6.55	7.35	-614.59	30.89	18.99
	13	BOT	6.55	-7.35	-614.59	15.19	22.07
13(9)	13	TOP	0.35	15.47	-618.83	53.88	-1.42
	13	BOT	-0.35	-15.47	-618.83	43.12	-0.75
13(10)	13	TOP	0.35	-0.77	-610.35	7.89	-1.42
	13	BOT	-0.35	0.77	-610.35	-12.75	-0.75
13(11)	13	TOP	5.90	12.75	-903.45	53.59	-17.48
	13	BOT	-5.90	-12.75	-903.45	26.33	-19.51
13(12)	13	TOP	-5.82	12.75	-903.45	53.59	17.22
	13	BOT	5.82	-12.75	-903.45	26.33	19.27
13(13)	13	TOP	0.04	19.65	-907.06	73.13	-0.13
	13	BOT	-0.04	-19.65	-907.06	50.07	-0.12
13(14)	13	TOP	0.04	5.84	-899.85	34.04	-0.13
	13	BOT	-0.04	-5.84	-899.85	2.59	-0.12
13(15)	13	TOP	5.83	11.28	-780.54	47.41	-17.19
	13	BOT	-5.83	-11.28	-780.54	23.29	-19.36
13(16)	13	TOP	-5.89	11.28	-780.54	47.41	17.51
	13	BOT	5.89	-11.28	-780.54	23.29	19.42
13(17)	13	TOP	-0.03	18.18	-784.14	66.96	0.16
	13	BOT	0.03	-18.18	-784.14	47.04	0.03
13(18)	13	TOP	-0.03	4.37	-776.93	27.87	0.16
	13	BOT	0.03	-4.37	-776.93	-0.45	0.03
13(19)	13	TOP	42.17	10.80	-821.18	45.39	-124.41
	13	BOT	-42.17	-10.80	-821.18	22.31	-139.98
13(20)	13	TOP	-41.72	10.80	-821.18	45.40	122.58
	13	BOT	41.72	-10.80	-821.18	22.31	138.97
13(21)	13	TOP	0.26	62.83	-849.77	192.13	-1.02
	13	BOT	-0.26	-62.83	-849.77	201.79	-0.62
13(22)	13	TOP	0.19	-41.23	-792.59	-101.34	-0.81
	13	BOT	-0.19	41.23	-792.59	-157.17	-0.39
13(23)	13	TOP	42.13	9.00	-684.31	37.83	-124.26
	13	BOT	-42.13	-9.00	-684.31	18.59	-139.90
13(24)	13	TOP	-41.75	9.00	-684.31	37.83	122.74
	13	BOT	41.75	-9.00	-684.31	18.59	139.06
13(25)	13	TOP	0.22	61.03	-712.91	184.57	-0.86
	13	BOT	-0.22	-61.03	-712.91	198.07	-0.54
13(26)	13	TOP	0.15	-43.03	-655.72	-108.91	-0.66
	13	BOT	-0.15	43.03	-655.72	-160.88	-0.30

14(1)	14	TOP	0.02	14.56	-955.48	61.17	-0.05
	14	BOT	-0.02	-14.56	-955.48	30.09	-0.08
14(2)	14	TOP	0.05	13.18	-833.07	55.39	-0.16
	14	BOT	-0.05	-13.18	-833.07	27.24	-0.13
14(3)	14	TOP	6.84	8.45	-733.43	35.26	-20.15
	14	BOT	-6.84	-8.45	-733.43	17.73	-22.73
14(4)	14	TOP	-7.16	8.07	-735.58	34.15	21.57
	14	BOT	7.16	-8.07	-735.58	16.45	23.34
14(5)	14	TOP	-0.16	16.38	-738.73	57.70	0.71
	14	BOT	0.16	-16.38	-738.73	45.03	0.30
14(6)	14	TOP	-0.16	0.14	-730.28	11.71	0.72
	14	BOT	0.16	-0.14	-730.28	-10.84	0.30
14(7)	14	TOP	6.87	7.07	-611.01	29.47	-20.26

14	BOT	-6.87	-7.07	-611.01	14.88	-22.78
14(8)	14 TOP	-7.14	6.69	-613.17	28.37	21.45
	14 BOT	7.14	-6.69	-613.17	13.60	23.29
14(9)	14 TOP	-0.13	15.01	-616.31	51.92	0.59
	14 BOT	0.13	-15.01	-616.31	42.18	0.25
14(10)	14 TOP	-0.14	-1.24	-607.87	5.92	0.60
	14 BOT	0.14	1.24	-607.87	-13.69	0.25
14(11)	14 TOP	5.94	13.77	-921.42	57.67	-17.66
	14 BOT	-5.94	-13.77	-921.42	28.69	-19.60
14(12)	14 TOP	-5.96	13.45	-923.25	56.73	17.80
	14 BOT	5.96	-13.45	-923.25	27.60	19.56
14(13)	14 TOP	-0.01	20.52	-925.93	76.75	0.06
	14 BOT	0.01	-20.52	-925.93	51.89	-0.02
14(14)	14 TOP	-0.01	6.71	-918.75	37.65	0.07
	14 BOT	0.01	-6.71	-918.75	4.40	-0.02
14(15)	14 TOP	5.97	12.40	-799.00	51.89	-17.78
	14 BOT	-5.97	-12.40	-799.00	25.84	-19.65
14(16)	14 TOP	-5.93	12.07	-800.84	50.95	17.68
	14 BOT	5.93	-12.07	-800.84	24.75	19.51
14(17)	14 TOP	0.02	19.14	-803.51	70.96	-0.06
	14 BOT	-0.02	-19.14	-803.51	49.04	-0.07
14(18)	14 TOP	0.02	5.33	-796.33	31.87	-0.05
	14 BOT	-0.02	-5.33	-796.33	1.55	-0.07
14(19)	14 TOP	42.54	12.15	-821.53	49.52	-125.95
	14 BOT	-42.54	-12.15	-821.53	26.69	-140.75
14(20)	14 TOP	-42.70	9.76	-836.90	42.58	126.73
	14 BOT	42.70	-9.76	-836.90	18.64	141.03
14(21)	14 TOP	-0.04	63.08	-857.72	193.06	0.25
	14 BOT	0.04	-63.08	-857.72	202.46	0.00
14(22)	14 TOP	-0.13	-41.16	-800.70	-100.97	0.52
	14 BOT	0.13	41.16	-800.70	-157.13	0.27
14(23)	14 TOP	42.55	10.33	-683.32	41.84	-126.02
	14 BOT	-42.55	-10.33	-683.32	22.91	-140.77
14(24)	14 TOP	-42.69	7.94	-698.69	34.90	126.66
	14 BOT	42.69	-7.94	-698.69	14.87	141.00
14(25)	14 TOP	-0.03	61.25	-719.52	185.39	0.18
	14 BOT	0.03	-61.25	-719.52	198.68	-0.02
14(26)	14 TOP	-0.11	-42.99	-662.50	-108.64	0.46
	14 BOT	0.11	42.99	-662.50	-160.91	0.25

15(1)	15 TOP	5.74	10.06	-596.26	42.27	-24.02
	15 BOT	-5.74	-10.06	-596.26	20.81	-11.95
15(2)	15 TOP	5.04	8.95	-514.62	37.61	-21.09
	15 BOT	-5.04	-8.95	-514.62	18.51	-10.49
15(3)	15 TOP	10.48	7.04	-496.18	29.08	-35.42
	15 BOT	-10.48	-7.04	-496.18	15.09	-30.30
15(4)	15 TOP	-2.07	6.28	-483.47	26.85	0.24
	15 BOT	2.07	-6.28	-483.47	12.52	12.77
15(5)	15 TOP	4.20	14.78	-494.07	50.96	-17.56
	15 BOT	-4.20	-14.78	-494.07	41.74	-8.75
15(6)	15 TOP	4.21	-1.46	-485.58	4.96	-17.62
	15 BOT	-4.21	1.46	-485.58	-14.13	-8.78
15(7)	15 TOP	9.78	5.93	-414.54	24.42	-32.49
	15 BOT	-9.78	-5.93	-414.54	12.79	-28.84
15(8)	15 TOP	-2.78	5.17	-401.84	22.18	3.17
	15 BOT	2.78	-5.17	-401.84	10.22	14.23
15(9)	15 TOP	3.50	13.67	-412.44	46.30	-14.63
	15 BOT	-3.50	-13.67	-412.44	39.44	-7.29
15(10)	15 TOP	3.51	-2.57	-403.94	0.30	-14.69
	15 BOT	-3.51	2.57	-403.94	-16.43	-7.32
15(11)	15 TOP	10.84	9.88	-585.69	41.07	-38.21
	15 BOT	-10.84	-9.88	-585.69	20.85	-29.78
15(12)	15 TOP	0.17	9.22	-574.89	39.17	-7.90
	15 BOT	-0.17	-9.22	-574.89	18.66	6.83
15(13)	15 TOP	5.50	16.45	-583.90	59.67	-23.03
	15 BOT	-5.50	-16.45	-583.90	43.50	-11.46

15(14)	15	TOP	5.51	-2.64	-576.63	20.57	-23.08
	15	BOT	-5.51	-2.64	-576.68	-3.99	-11.49
15(15)	15	TOP	10.14	8.77	-504.06	36.41	-35.28
	15	BOT	-10.14	-8.77	-504.06	18.55	-28.32
15(16)	15	TOP	-0.53	8.11	-493.26	34.51	-4.97
	15	BOT	0.53	-8.11	-493.26	16.36	8.29
15(17)	15	TOP	4.80	15.34	-502.27	55.01	-20.09
	15	BOT	-4.80	-15.34	-502.27	41.20	-10.00
15(18)	15	TOP	4.81	1.53	-495.05	15.91	-20.15
	15	BOT	-4.81	-1.53	-495.05	-6.29	-10.03
15(19)	15	TOP	42.77	10.53	-579.89	41.12	-126.95
	15	BOT	-42.77	-10.53	-579.89	24.89	-141.24
15(20)	15	TOP	-33.05	5.71	-490.99	27.06	86.26
	15	BOT	33.05	-5.71	-490.99	8.72	120.98
15(21)	15	TOP	4.84	60.34	-564.19	181.39	-20.22
	15	BOT	-4.84	-60.34	-564.19	196.92	-10.14
15(22)	15	TOP	4.88	-44.10	-506.69	-113.20	-20.47
	15	BOT	-4.88	44.10	-506.69	-163.31	-10.12
15(23)	15	TOP	41.96	9.18	-490.65	35.44	-123.56
	15	BOT	-41.96	-9.18	-490.65	22.09	-139.55
15(24)	15	TOP	-33.86	4.35	-401.75	21.38	89.65
	15	BOT	33.86	-4.35	-401.75	5.92	122.67
15(25)	15	TOP	4.03	58.98	-474.95	175.71	-16.83
	15	BOT	-4.03	-58.98	-474.95	194.12	-8.45
15(26)	15	TOP	4.07	-45.45	-417.45	-118.88	-17.08
	15	BOT	-4.07	45.45	-417.45	-166.11	-8.43

16(1)	16	TOP	-5.35	-8.91	-552.88	-37.34	22.47
	16	BOT	5.35	8.91	-552.88	-18.56	11.09
16(2)	16	TOP	-4.72	-7.70	-474.54	-32.27	19.81
	16	BOT	4.72	7.70	-474.54	-16.04	9.77
16(3)	16	TOP	2.41	-7.63	-463.93	-31.49	-1.67
	16	BOT	-2.41	7.63	-463.93	-16.37	-13.44
16(4)	16	TOP	-10.02	-6.89	-476.12	-29.36	33.62
	16	BOT	10.02	6.89	-476.12	-13.85	29.19
16(5)	16	TOP	-3.80	0.83	-465.93	-7.56	15.98
	16	BOT	3.80	-0.83	-465.93	12.76	7.88
16(6)	16	TOP	-3.80	-15.35	-474.12	-53.30	15.98
	16	BOT	3.80	15.35	-474.12	-42.98	7.88
16(7)	16	TOP	3.04	-6.42	-385.59	-26.42	-4.33
	16	BOT	-3.04	6.42	-385.59	-13.85	-14.75
16(8)	16	TOP	-9.38	-5.68	-397.78	-24.29	30.96
	16	BOT	9.38	5.68	-397.78	-11.33	27.88
16(9)	16	TOP	-3.17	2.04	-387.59	-2.49	13.32
	16	BOT	3.17	-2.04	-387.59	15.28	6.56
16(10)	16	TOP	-3.17	-14.14	-395.79	-48.22	13.31
	16	BOT	3.17	14.14	-395.79	-40.46	6.56
16(11)	16	TOP	0.16	-8.98	-535.27	-37.21	6.49
	16	BOT	-0.16	8.98	-535.27	-19.11	-7.51
16(12)	16	TOP	-10.40	-8.35	-545.63	-35.40	36.50
	16	BOT	10.40	8.35	-545.63	-16.97	28.72
16(13)	16	TOP	-5.12	-1.79	-536.97	-16.86	21.50
	16	BOT	5.12	1.79	-536.97	5.65	10.61
16(14)	16	TOP	-5.12	-15.55	-543.93	-55.74	21.49
	16	BOT	5.12	15.55	-543.93	-41.73	10.61
16(15)	16	TOP	0.80	-7.77	-456.93	-32.14	3.83
	16	BOT	-0.80	7.77	-456.93	-16.59	-8.83
16(16)	16	TOP	-9.77	-7.14	-467.29	-30.33	33.83
	16	BOT	9.77	7.14	-467.29	-14.45	27.41
16(17)	16	TOP	-4.49	-0.58	-458.63	-11.79	18.83
	16	BOT	4.49	0.58	-458.63	8.17	9.29
16(18)	16	TOP	-4.49	-14.33	-465.59	-50.67	18.83
	16	BOT	4.49	14.33	-465.59	-39.21	9.29
16(19)	16	TOP	33.05	-10.30	-462.70	-40.07	-86.72
	16	BOT	-33.05	10.30	-462.70	-24.50	-120.50
16(20)	16	TOP	-41.98	-5.64	-548.37	-26.71	124.24

	16	BOT	41.98	5.64	-548.37	-8.67	139.00
16(21)	16	TOP	-4.47	43.68	-477.96	112.00	18.76
	16	BOT	4.47	-43.68	-477.96	161.86	9.25
16(22)	16	TOP	-4.47	-59.62	-533.11	-178.78	18.76
	16	BOT	4.47	59.62	-533.11	-195.03	9.25
16(23)	16	TOP	33.79	-8.97	-378.45	-34.51	-89.85
	16	BOT	-33.79	8.97	-378.45	-21.74	-122.04
16(24)	16	TOP	-41.24	-4.31	-464.11	-21.14	121.12
	16	BOT	41.24	4.31	-464.11	-5.90	137.46
16(25)	16	TOP	-3.72	45.01	-393.70	117.56	15.63
	16	BOT	3.72	-45.01	-393.70	164.62	7.71
16(26)	16	TOP	-3.72	-58.29	-448.85	-173.21	15.63
	16	BOT	3.72	58.29	-448.85	-192.27	7.71

17(1)	17	TOP	0.31	-13.54	-882.64	-56.79	-1.29
	17	BOT	-0.31	13.54	-882.64	-28.11	-0.68
17(2)	17	TOP	0.28	-11.82	-764.64	-49.57	-1.15
	17	BOT	-0.28	11.82	-764.64	-24.54	-0.61
17(3)	17	TOP	7.13	-10.51	-709.20	-43.85	-21.45
	17	BOT	-7.13	10.51	-709.20	-22.06	-23.24
17(4)	17	TOP	-6.73	-10.13	-706.81	-42.74	19.83
	17	BOT	6.73	10.13	-706.81	-20.77	22.36
17(5)	17	TOP	0.20	-2.22	-703.87	-20.38	-0.81
	17	BOT	-0.20	2.22	-703.87	6.47	-0.44
17(6)	17	TOP	0.20	-18.42	-712.15	-66.20	-0.81
	17	BOT	-0.20	18.42	-712.15	-49.31	-0.44
17(7)	17	TOP	7.09	-8.79	-591.20	-36.63	-21.31
	17	BOT	-7.09	8.79	-591.20	-18.49	-23.17
17(8)	17	TOP	-6.76	-8.41	-588.81	-35.52	19.97
	17	BOT	6.76	8.41	-588.81	-17.21	22.43
17(9)	17	TOP	0.17	-0.50	-585.87	-13.17	-0.67
	17	BOT	-0.17	0.50	-585.87	10.04	-0.37
17(10)	17	TOP	0.17	-16.70	-594.14	-58.98	-0.67
	17	BOT	-0.17	16.70	-594.14	-45.74	-0.37
17(11)	17	TOP	6.19	-13.22	-857.47	-55.24	-18.76
	17	BOT	-6.19	13.22	-857.47	-27.65	-20.02
17(12)	17	TOP	-5.59	-12.90	-855.43	-54.29	16.33
	17	BOT	5.59	12.90	-855.43	-26.56	18.73
17(13)	17	TOP	0.30	-6.17	-852.93	-35.29	-1.22
	17	BOT	-0.30	6.17	-852.93	-3.40	-0.65
17(14)	17	TOP	0.30	-19.94	-859.97	-74.24	-1.22
	17	BOT	-0.30	19.94	-859.97	-50.81	-0.65
17(15)	17	TOP	6.15	-11.50	-739.46	-48.02	-18.62
	17	BOT	-6.15	11.50	-739.46	-24.08	-19.95
17(16)	17	TOP	-5.63	-11.17	-737.43	-47.08	16.46
	17	BOT	5.63	11.17	-737.43	-22.99	18.81
17(17)	17	TOP	0.26	-4.45	-734.93	-28.08	-1.08
	17	BOT	-0.26	4.45	-734.93	0.17	-0.57
17(18)	17	TOP	0.26	-18.22	-741.97	-67.02	-1.08
	17	BOT	-0.26	18.22	-741.97	-47.24	-0.57
17(19)	17	TOP	42.42	-12.90	-791.28	-52.57	-126.00
	17	BOT	-42.42	12.90	-791.28	-28.32	-139.96
17(20)	17	TOP	-41.92	-10.50	-774.42	-45.58	123.98
	17	BOT	41.92	10.50	-774.42	-20.25	138.87
17(21)	17	TOP	0.25	40.10	-754.96	96.82	-1.02
	17	BOT	-0.25	-40.10	-754.96	154.59	-0.55
17(22)	17	TOP	0.25	-63.50	-810.74	-194.98	-1.01
	17	BOT	-0.25	63.50	-810.74	-203.16	-0.54
17(23)	17	TOP	42.38	-10.95	-660.81	-44.39	-125.84
	17	BOT	-42.38	10.95	-660.81	-24.27	-139.87
17(24)	17	TOP	-41.96	-8.55	-643.94	-37.40	124.15
	17	BOT	41.96	8.55	-643.94	-16.20	138.96
17(25)	17	TOP	0.21	42.05	-624.49	105.00	-0.85
	17	BOT	-0.21	-42.05	-624.49	158.64	-0.46
17(26)	17	TOP	0.21	-61.55	-680.27	-186.80	-0.84
	17	BOT	-0.21	61.55	-680.27	-199.12	-0.45

18(1)	18	TOP	0.59	-13.54	-860.67	-56.79	-2.45
	18	BOT	-0.59	13.54	-860.67	-28.08	-1.26
18(2)	18	TOP	0.51	-11.83	-745.56	-49.61	-2.10
	18	BOT	-0.51	11.83	-745.56	-24.53	-1.08
18(3)	18	TOP	7.32	-10.26	-690.66	-43.07	-22.26
	18	BOT	-7.32	10.26	-690.66	-21.28	-23.64
18(4)	18	TOP	-6.33	-10.26	-690.66	-43.07	18.14
	18	BOT	6.33	10.26	-690.66	-21.28	21.52
18(5)	18	TOP	0.50	-2.16	-686.52	-20.17	-2.06
	18	BOT	-0.50	2.16	-686.52	6.62	-1.06
18(6)	18	TOP	0.50	-18.37	-694.80	-65.98	-2.06
	18	BOT	-0.50	18.37	-694.80	-49.17	-1.06
18(7)	18	TOP	7.24	-8.55	-575.55	-35.89	-21.91
	18	BOT	-7.24	8.55	-575.55	-17.73	-23.46
18(8)	18	TOP	-6.41	-8.55	-575.55	-35.89	18.48
	18	BOT	6.41	8.55	-575.55	-17.73	21.70
18(9)	18	TOP	0.41	-0.45	-571.41	-12.99	-1.72
	18	BOT	-0.41	0.45	-571.41	10.16	-0.88
18(10)	18	TOP	0.41	-16.65	-579.69	-58.80	-1.72
	18	BOT	-0.41	16.65	-579.69	-45.62	-0.88
18(11)	18	TOP	6.38	-13.04	-835.16	-54.73	-19.56
	18	BOT	-6.38	13.04	-835.16	-27.06	-20.42
18(12)	18	TOP	-5.22	-13.04	-835.16	-54.73	14.78
	18	BOT	5.22	13.04	-835.16	-27.06	17.97
18(13)	18	TOP	0.58	-6.16	-831.65	-35.26	-2.39
	18	BOT	-0.58	6.16	-831.65	-3.35	-1.23
18(14)	18	TOP	0.58	-19.93	-838.68	-74.20	-2.39
	18	BOT	-0.58	19.93	-838.68	-50.77	-1.23
18(15)	18	TOP	6.29	-11.33	-720.05	-47.55	-19.21
	18	BOT	-6.29	11.33	-720.05	-23.51	-20.24
18(16)	18	TOP	-5.31	-11.33	-720.05	-47.55	15.12
	18	BOT	5.31	11.33	-720.05	-23.51	18.14
18(17)	18	TOP	0.49	-4.45	-716.54	-28.08	-2.05
	18	BOT	-0.49	4.45	-716.54	0.19	-1.05
18(18)	18	TOP	0.49	-18.22	-723.57	-67.03	-2.04
	18	BOT	-0.49	18.22	-723.57	-47.22	-1.05
18(19)	18	TOP	42.04	-11.67	-763.52	-48.95	-124.41
	18	BOT	-42.04	11.67	-763.52	-24.19	-139.17
18(20)	18	TOP	-40.96	-11.67	-763.52	-48.95	119.96
	18	BOT	40.96	11.67	-763.52	-24.19	136.88
18(21)	18	TOP	0.54	40.23	-735.59	97.22	-2.23
	18	BOT	-0.54	-40.23	-735.59	155.00	-1.15
18(22)	18	TOP	0.54	-63.56	-791.44	-195.12	-2.22
	18	BOT	-0.54	63.56	-791.44	-203.39	-1.14
18(23)	18	TOP	41.95	-9.72	-636.26	-40.79	-124.04
	18	BOT	-41.95	9.72	-636.26	-20.16	-138.98
18(24)	18	TOP	-41.05	-9.72	-636.26	-40.79	120.33
	18	BOT	41.05	9.72	-636.26	-20.16	137.07
18(25)	18	TOP	0.45	42.17	-608.34	105.38	-1.86
	18	BOT	-0.45	-42.17	-608.34	159.03	-0.96
18(26)	18	TOP	0.45	-61.61	-664.19	-186.96	-1.85
	18	BOT	-0.45	61.61	-664.19	-199.35	-0.95
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19(1)	19	TOP	-4.67	-9.53	-912.51	-39.97	19.63
	19	BOT	4.67	9.53	-912.51	-19.76	9.68
19(2)	19	TOP	-4.03	-8.31	-789.65	-34.87	16.94
	19	BOT	4.03	8.31	-789.65	-17.24	8.35
19(3)	19	TOP	3.09	-7.10	-735.98	-30.04	-4.51
	19	BOT	-3.09	7.10	-735.98	-14.45	-14.85
19(4)	19	TOP	-10.77	-7.48	-738.37	-31.16	36.77
	19	BOT	10.77	7.48	-738.37	-15.74	30.75
19(5)	19	TOP	-3.84	0.81	-733.05	-7.69	16.13
	19	BOT	3.84	-0.81	-733.05	12.80	7.95
19(6)	19	TOP	-3.84	-15.39	-741.30	-53.51	16.12
	19	BOT	3.84	15.39	-741.30	-42.99	7.95

19(7)	19	TOP	3.73	-5.88	-613.12	-24.94	-7.20
	19	BOT	-3.73	5.88	-613.12	-11.94	-16.17
19(8)	19	TOP	-10.13	-6.26	-615.51	-26.06	34.08
	19	BOT	10.13	6.26	-615.51	-13.22	29.42
19(9)	19	TOP	-3.20	2.03	-610.19	-2.59	13.44
	19	BOT	3.20	-2.03	-610.19	15.31	6.63
19(10)	19	TOP	-3.20	-14.18	-618.44	-48.41	13.44
	19	BOT	3.20	14.18	-618.44	-40.47	6.62
19(11)	19	TOP	1.34	-9.03	-885.19	-38.09	1.56
	19	BOT	-1.34	9.03	-885.19	-18.51	-9.96
19(12)	19	TOP	-10.44	-9.35	-887.23	-39.04	36.65
	19	BOT	10.44	9.35	-887.23	-19.60	28.80
19(13)	19	TOP	-4.55	-2.30	-882.70	-19.09	19.11
	19	BOT	4.55	2.30	-882.70	4.65	9.42
19(14)	19	TOP	-4.55	-16.08	-889.72	-58.04	19.10
	19	BOT	4.55	16.08	-889.72	-42.77	9.42
19(15)	19	TOP	1.98	-7.81	-762.33	-32.99	-1.13
	19	BOT	-1.98	7.81	-762.33	-16.00	-11.28
19(16)	19	TOP	-9.80	-8.14	-764.36	-33.94	33.96
	19	BOT	9.80	8.14	-764.36	-17.09	27.47
19(17)	19	TOP	-3.91	-1.09	-759.84	-13.99	16.42
	19	BOT	3.91	1.09	-759.84	7.17	8.10
19(18)	19	TOP	-3.91	-14.86	-766.85	-52.94	16.41
	19	BOT	3.91	14.86	-766.85	-40.25	8.09
19(19)	19	TOP	37.97	-7.05	-803.89	-31.12	-107.36
	19	BOT	-37.97	7.05	-803.89	-13.06	-130.72
19(20)	19	TOP	-46.37	-9.45	-820.75	-38.11	142.62
	19	BOT	46.37	9.45	-820.75	-21.13	148.11
19(21)	19	TOP	-4.20	43.74	-784.46	111.83	17.65
	19	BOT	4.20	-43.74	-784.46	162.42	8.70
19(22)	19	TOP	-4.19	-60.23	-840.18	-181.06	17.61
	19	BOT	4.19	60.23	-840.18	-196.60	8.68
19(23)	19	TOP	38.67	-5.67	-668.50	-25.35	-110.30
	19	BOT	-38.67	5.67	-668.50	-10.21	-132.17
19(24)	19	TOP	-45.67	-8.07	-685.36	-32.34	139.68
	19	BOT	45.67	8.07	-685.36	-18.28	146.66
19(25)	19	TOP	-3.50	45.11	-649.07	117.80	14.71
	19	BOT	3.50	-45.11	-649.07	165.27	7.25
19(26)	19	TOP	-3.49	-58.86	-704.79	-175.29	14.67
	19	BOT	3.49	58.86	-704.79	-193.76	7.23

20(1)	20	TOP	9.69	-5.48	-567.79	-23.00	-40.61
	20	BOT	-9.69	5.48	-567.79	-11.36	-20.17
20(2)	20	TOP	8.45	-4.70	-486.76	-19.74	-35.42
	20	BOT	-8.45	4.70	-486.76	-9.76	-17.59
20(3)	20	TOP	13.65	-4.28	-492.27	-18.48	-48.81
	20	BOT	-13.65	4.28	-492.27	-8.35	-36.79
20(4)	20	TOP	1.22	-5.02	-480.09	-20.61	-13.51
	20	BOT	-1.22	5.02	-480.09	-10.87	5.84
20(5)	20	TOP	7.45	3.44	-482.07	3.33	-31.19
	20	BOT	-7.45	-3.44	-482.07	18.26	-15.49
20(6)	20	TOP	7.43	-12.74	-490.28	-42.42	-31.13
	20	BOT	-7.43	12.74	-490.28	-37.49	-15.46
20(7)	20	TOP	12.41	-3.50	-411.24	-15.22	-43.62
	20	BOT	-12.41	3.50	-411.24	-6.75	-34.21
20(8)	20	TOP	-0.02	-4.25	-399.06	-17.35	-8.32
	20	BOT	0.02	4.25	-399.06	-9.27	8.42
20(9)	20	TOP	6.21	4.22	-401.04	6.59	-26.00
	20	BOT	-6.21	-4.22	-401.04	19.87	-12.91
20(10)	20	TOP	6.19	-11.97	-409.25	-39.16	-25.94
	20	BOT	-6.19	11.97	-409.25	-35.89	-12.88
20(11)	20	TOP	14.64	-5.04	-560.73	-21.57	-54.20
	20	BOT	-14.64	5.04	-560.73	-10.03	-37.58
20(12)	20	TOP	4.07	-5.67	-550.37	-23.39	-24.19
	20	BOT	-4.07	5.67	-550.37	-12.17	-1.34
20(13)	20	TOP	9.36	1.52	-552.06	-3.04	-39.22

	20	BOT	-9.36	-1.52	-552.06	12.60	-19.48
20(14)	20	TOP	9.35	-12.24	-559.04	-41.92	-39.17
	20	BOT	-9.35	12.24	-559.04	-34.79	-19.45
20(15)	20	TOP	13.40	-4.27	-479.70	-18.32	-49.00
	20	BOT	-13.40	4.27	-479.70	-8.43	-35.00
20(16)	20	TOP	2.83	-4.90	-469.34	-20.13	-19.00
	20	BOT	-2.83	4.90	-469.34	-10.57	1.24
20(17)	20	TOP	8.12	2.30	-471.03	0.22	-34.03
	20	BOT	-8.12	-2.30	-471.03	14.20	-16.90
20(18)	20	TOP	8.11	-11.46	-478.01	-38.67	-33.98
	20	BOT	-8.11	11.46	-478.01	-33.19	-16.87
20(19)	20	TOP	45.92	-2.68	-563.98	-14.34	-140.70
	20	BOT	-45.92	2.68	-563.98	-2.44	-147.24
20(20)	20	TOP	-29.11	-7.34	-478.33	-27.71	70.27
	20	BOT	29.11	7.34	-478.33	-18.28	112.26
20(21)	20	TOP	8.45	47.02	-493.37	125.45	-35.42
	20	BOT	-8.45	-47.02	-493.37	169.35	-17.59
20(22)	20	TOP	8.36	-57.03	-548.94	-167.50	-35.01
	20	BOT	-8.36	57.03	-548.94	-190.07	-17.38
20(23)	20	TOP	44.52	-1.84	-477.12	-10.83	-134.83
	20	BOT	-44.52	1.84	-477.12	-0.71	-144.32
20(24)	20	TOP	-30.51	-6.50	-391.47	-24.21	76.14
	20	BOT	30.51	6.50	-391.47	-16.55	115.18
20(25)	20	TOP	7.05	47.85	-406.51	128.96	-29.55
	20	BOT	-7.05	-47.85	-406.51	171.08	-14.67
20(26)	20	TOP	6.96	-56.19	-462.08	-164.00	-29.14
	20	BOT	-6.96	56.19	-462.08	-188.34	-14.47

21(1)	21	TOP	-8.43	6.67	-575.51	28.12	35.34
	21	BOT	8.43	-6.67	-575.51	13.71	17.49
21(2)	21	TOP	-7.32	5.73	-493.57	24.14	30.71
	21	BOT	7.32	-5.73	-493.57	11.77	15.20
21(3)	21	TOP	-0.53	5.21	-486.12	22.46	10.45
	21	BOT	0.53	-5.21	-486.12	10.22	-7.14
21(4)	21	TOP	-12.71	6.11	-497.17	25.23	45.06
	21	BOT	12.71	-6.11	-497.17	13.06	34.61
21(5)	21	TOP	-6.62	14.05	-496.12	47.95	27.78
	21	BOT	6.62	-14.05	-496.12	40.12	13.75
21(6)	21	TOP	-6.61	-2.73	-487.16	-0.26	27.73
	21	BOT	6.61	2.73	-487.16	-16.84	13.72
21(7)	21	TOP	0.57	4.27	-404.17	18.48	5.83
	21	BOT	-0.57	-4.27	-404.17	8.28	-9.43
21(8)	21	TOP	-11.60	5.16	-415.23	21.26	40.43
	21	BOT	11.60	-5.16	-415.23	11.12	32.32
21(9)	21	TOP	-5.52	13.10	-414.18	43.98	23.16
	21	BOT	5.52	-13.10	-414.18	38.18	11.46
21(10)	21	TOP	-5.51	-3.67	-405.22	-4.24	23.10
	21	BOT	5.51	3.67	-405.22	-18.78	11.43
21(11)	21	TOP	-2.98	6.14	-558.23	26.30	19.50
	21	BOT	2.98	-6.14	-558.23	12.19	-0.82
21(12)	21	TOP	-13.33	6.90	-567.62	28.65	48.91
	21	BOT	13.33	-6.90	-567.62	14.60	34.67
21(13)	21	TOP	-8.16	13.65	-566.74	47.97	34.23
	21	BOT	8.16	-13.65	-566.74	37.61	16.94
21(14)	21	TOP	-8.15	-0.61	-559.11	6.98	34.18
	21	BOT	8.15	0.61	-559.11	-10.81	16.91
21(15)	21	TOP	-1.88	5.19	-476.29	22.32	14.87
	21	BOT	1.88	-5.19	-476.29	10.25	-3.11
21(16)	21	TOP	-12.23	5.96	-485.68	24.68	44.28
	21	BOT	12.23	-5.96	-485.68	12.66	32.38
21(17)	21	TOP	-7.06	12.70	-484.80	43.99	29.60
	21	BOT	7.06	-12.70	-484.80	35.67	14.65
21(18)	21	TOP	-7.05	-1.55	-477.17	3.01	29.55
	21	BOT	7.05	1.55	-477.17	-12.75	14.62
21(19)	21	TOP	29.35	3.28	-488.27	16.95	-72.38
	21	BOT	-29.35	-3.28	-488.27	3.60	-111.68

21(20)	21	TOP	-44.14	8.91	-566.90	34.40	134.39
	21	BOT	44.14	-8.91	-566.90	21.45	142.37
21(21)	21	TOP	-7.50	59.68	-558.69	179.19	31.38
	21	BOT	7.50	-59.68	-558.69	194.98	15.66
21(22)	21	TOP	-7.28	-47.49	-496.47	-127.84	30.64
	21	BOT	7.28	47.49	-496.47	-169.93	15.03
21(23)	21	TOP	30.59	2.26	-400.34	12.67	-77.54
	21	BOT	-30.59	-2.26	-400.34	1.51	-114.24
21(24)	21	TOP	-42.91	7.89	-478.97	30.12	129.22
	21	BOT	42.91	-7.89	-478.97	19.36	139.81
21(25)	21	TOP	-6.27	58.66	-470.76	174.91	26.21
	21	BOT	6.27	-58.66	-470.76	192.89	13.10
21(26)	21	TOP	-6.05	-48.51	-408.54	-132.12	25.47
	21	BOT	6.05	48.51	-408.54	-172.01	12.47

22(1)	22	TOP	0.70	10.30	-959.46	43.34	-2.93
	22	BOT	-0.70	-10.30	-959.46	21.24	-1.48
22(2)	22	TOP	0.61	8.95	-828.33	37.66	-2.56
	22	BOT	-0.61	-8.95	-828.33	18.46	-1.29
22(3)	22	TOP	7.32	7.91	-787.68	33.51	-22.45
	22	BOT	-7.32	-7.91	-787.68	16.07	-23.44
22(4)	22	TOP	-6.23	8.28	-785.80	34.59	17.92
	22	BOT	6.23	-8.28	-785.80	17.34	21.16
22(5)	22	TOP	0.54	16.43	-791.95	57.92	-2.26
	22	BOT	-0.54	-16.43	-791.95	45.07	-1.14
22(6)	22	TOP	0.54	-0.24	-781.53	10.18	-2.27
	22	BOT	-0.54	0.24	-781.53	-11.66	-1.14
22(7)	22	TOP	7.23	6.56	-656.56	27.84	-22.08
	22	BOT	-7.23	-6.56	-656.56	13.29	-23.25
22(8)	22	TOP	-6.32	6.93	-654.67	28.91	18.30
	22	BOT	6.32	-6.93	-654.67	14.55	21.35
22(9)	22	TOP	0.45	15.08	-660.83	52.25	-1.89
	22	BOT	-0.45	-15.08	-660.83	42.29	-0.95
22(10)	22	TOP	0.45	-1.59	-650.40	4.50	-1.89
	22	BOT	-0.45	1.59	-650.40	-14.45	-0.95
22(11)	22	TOP	6.44	9.81	-934.35	41.48	-19.99
	22	BOT	-6.44	-9.81	-934.35	20.02	-20.38
22(12)	22	TOP	-5.08	10.13	-932.75	42.40	14.32
	22	BOT	5.08	-10.13	-932.75	21.10	17.53
22(13)	22	TOP	0.68	17.05	-937.98	62.24	-2.83
	22	BOT	-0.68	-17.05	-937.98	44.67	-1.42
22(14)	22	TOP	0.68	2.89	-929.12	21.65	-2.84
	22	BOT	-0.68	-2.89	-929.12	-3.55	-1.43
22(15)	22	TOP	6.35	8.46	-803.23	35.81	-19.61
	22	BOT	-6.35	-8.46	-803.23	17.24	-20.19
22(16)	22	TOP	-5.17	8.78	-801.63	36.73	14.70
	22	BOT	5.17	-8.78	-801.63	18.31	17.72
22(17)	22	TOP	0.59	15.70	-806.86	56.56	-2.45
	22	BOT	-0.59	-15.70	-806.86	41.89	-1.23
22(18)	22	TOP	0.59	1.54	-798.00	15.98	-2.46
	22	BOT	-0.59	-1.54	-798.00	-6.33	-1.24
22(19)	22	TOP	41.85	7.87	-867.60	34.66	-124.75
	22	BOT	-41.85	-7.87	-867.60	14.67	-137.63
22(20)	22	TOP	-40.62	10.21	-853.92	41.40	119.64
	22	BOT	40.62	-10.21	-853.92	22.62	135.06
22(21)	22	TOP	0.53	62.35	-896.52	190.29	-2.32
	22	BOT	-0.53	-62.35	-896.52	200.66	-1.03
22(22)	22	TOP	0.69	-44.27	-825.00	-114.23	-2.79
	22	BOT	-0.69	44.27	-825.00	-163.37	-1.53
22(23)	22	TOP	41.74	6.36	-724.14	28.32	-124.32
	22	BOT	-41.74	-6.36	-724.14	11.57	-137.42
22(24)	22	TOP	-40.72	8.70	-710.46	35.06	120.07
	22	BOT	40.72	-8.70	-710.46	19.51	135.28
22(25)	22	TOP	0.43	60.85	-753.06	183.96	-1.89
	22	BOT	-0.43	-60.85	-753.06	197.56	-0.82
22(26)	22	TOP	0.59	-45.78	-681.54	-120.57	-2.36

	22	BOT	-0.59	45.78	-681.54	-166.48	-1.32

23(1)	23	TOP	0.59	10.53	-932.68	44.28	-2.46
	23	BOT	-0.59	-10.53	-932.68	21.74	-1.24
23(2)	23	TOP	0.51	9.15	-805.23	38.50	-2.12
	23	BOT	-0.51	-9.15	-805.23	18.90	-1.07
23(3)	23	TOP	7.16	8.25	-764.74	34.67	-21.80
	23	BOT	-7.16	-8.25	-764.74	17.04	-23.12
23(4)	23	TOP	-6.19	8.25	-764.74	34.67	17.72
	23	BOT	6.19	-8.25	-764.74	17.04	21.07
23(5)	23	TOP	0.49	16.58	-769.92	58.55	-2.04
	23	BOT	-0.49	-16.58	-769.92	45.41	-1.02
23(6)	23	TOP	0.49	-0.09	-759.56	10.79	-2.04
	23	BOT	-0.49	0.09	-759.56	-11.33	-1.03
23(7)	23	TOP	7.08	6.87	-637.28	28.89	-21.46
	23	BOT	-7.08	-6.87	-637.28	14.20	-22.95
23(8)	23	TOP	-6.27	6.87	-637.28	28.89	18.06
	23	BOT	6.27	-6.87	-637.28	14.20	21.24
23(9)	23	TOP	0.41	15.21	-642.46	52.77	-1.70
	23	BOT	-0.41	-15.21	-642.46	42.57	-0.85
23(10)	23	TOP	0.41	-1.46	-632.10	5.01	-1.70
	23	BOT	-0.41	1.46	-632.10	-14.17	-0.86
23(11)	23	TOP	6.25	10.19	-907.49	42.84	-19.20
	23	BOT	-6.25	-10.19	-907.49	21.03	-19.99
23(12)	23	TOP	-5.10	10.19	-907.49	42.84	14.40
	23	BOT	5.10	-10.19	-907.49	21.03	17.57
23(13)	23	TOP	0.57	17.27	-911.90	63.14	-2.40
	23	BOT	-0.57	-17.27	-911.90	45.15	-1.21
23(14)	23	TOP	0.58	3.10	-903.09	22.54	-2.40
	23	BOT	-0.58	-3.10	-903.09	-3.08	-1.21
23(15)	23	TOP	6.17	8.81	-780.04	37.06	-18.86
	23	BOT	-6.17	-8.81	-780.04	18.19	-19.82
23(16)	23	TOP	-5.18	8.81	-780.04	37.06	14.74
	23	BOT	5.18	-8.81	-780.04	18.19	17.74
23(17)	23	TOP	0.49	15.90	-784.44	57.36	-2.06
	23	BOT	-0.49	-15.90	-784.44	42.31	-1.04
23(18)	23	TOP	0.49	1.73	-775.63	16.76	-2.06
	23	BOT	-0.49	-1.73	-775.63	-5.92	-1.04
23(19)	23	TOP	41.12	9.22	-836.72	38.79	-121.72
	23	BOT	-41.12	-9.22	-836.72	19.05	-136.13
23(20)	23	TOP	-40.06	9.22	-836.72	38.79	117.28
	23	BOT	40.06	-9.22	-836.72	19.05	133.89
23(21)	23	TOP	0.46	62.64	-872.32	191.37	-2.00
	23	BOT	-0.46	-62.64	-872.32	201.41	-0.87
23(22)	23	TOP	0.61	-44.20	-801.11	-113.80	-2.45
	23	BOT	-0.61	44.20	-801.11	-163.31	-1.36
23(23)	23	TOP	41.04	7.69	-697.26	32.32	-121.35
	23	BOT	-41.04	-7.69	-697.26	15.88	-135.94
23(24)	23	TOP	-40.15	7.69	-697.26	32.32	117.65
	23	BOT	40.15	-7.69	-697.26	15.88	134.08
23(25)	23	TOP	0.37	61.11	-732.87	184.91	-1.62
	23	BOT	-0.37	-61.11	-732.87	198.24	-0.69
23(26)	23	TOP	0.52	-45.73	-661.66	-120.26	-2.08
	23	BOT	-0.52	45.73	-661.66	-166.48	-1.18

24(1)	24	TOP	-5.16	6.46	-989.92	27.18	21.63
	24	BOT	5.16	-6.46	-989.92	13.34	10.70
24(2)	24	TOP	-4.45	5.58	-853.93	23.48	18.66
	24	BOT	4.45	-5.58	-853.93	11.52	9.22
24(3)	24	TOP	2.52	5.46	-814.99	22.70	-2.33
	24	BOT	-2.52	-5.46	-814.99	11.54	-13.47
24(4)	24	TOP	-11.03	5.09	-816.88	21.62	38.05
	24	BOT	11.03	-5.09	-816.88	10.28	31.14
24(5)	24	TOP	-4.26	13.61	-821.12	46.04	17.85
	24	BOT	4.26	-13.61	-821.12	39.28	8.83
24(6)	24	TOP	-4.26	-3.06	-810.76	-1.72	17.87

	24	BOT	4.26	3.06	-810.76	-17.46	8.84
24(7)	24	TOP	3.23	4.58	-679.00	19.00	-5.30
	24	BOT	-3.23	-4.58	-679.00	9.72	-14.94
24(8)	24	TOP	-10.32	4.21	-680.89	17.93	35.07
	24	BOT	10.32	-4.21	-680.89	8.46	29.66
24(9)	24	TOP	-3.55	12.73	-685.13	42.34	14.87
	24	BOT	3.55	-12.73	-685.13	37.46	7.36
24(10)	24	TOP	-3.55	-3.94	-674.77	-5.41	14.89
	24	BOT	3.55	3.94	-674.77	-19.28	7.36
24(11)	24	TOP	0.74	6.44	-963.02	26.88	3.91
	24	BOT	-0.74	-6.44	-963.02	13.51	-8.54
24(12)	24	TOP	-10.78	6.12	-964.62	25.97	38.23
	24	BOT	10.78	-6.12	-964.62	12.44	29.37
24(13)	24	TOP	-5.02	13.37	-968.23	46.72	21.06
	24	BOT	5.02	-13.37	-968.23	37.09	10.41
24(14)	24	TOP	-5.02	-0.80	-959.42	6.13	21.07
	24	BOT	5.02	0.80	-959.42	-11.14	10.42
24(15)	24	TOP	1.45	5.56	-827.03	23.19	0.93
	24	BOT	-1.45	-5.56	-827.03	11.69	-10.01
24(16)	24	TOP	-10.07	5.25	-828.63	22.27	35.25
	24	BOT	10.07	-5.25	-828.63	10.62	27.90
24(17)	24	TOP	-4.31	12.49	-832.24	43.02	18.08
	24	BOT	4.31	-12.49	-832.24	35.27	8.94
24(18)	24	TOP	-4.31	-1.68	-823.43	2.44	18.10
	24	BOT	4.31	1.68	-823.43	-12.96	8.95
24(19)	24	TOP	36.59	6.95	-883.66	27.68	-102.72
	24	BOT	-36.59	-6.95	-883.66	15.92	-126.72
24(20)	24	TOP	-45.88	4.61	-897.34	20.94	141.67
	24	BOT	45.88	-4.61	-897.34	7.98	145.98
24(21)	24	TOP	-4.70	59.29	-926.14	177.14	19.64
	24	BOT	4.70	-59.29	-926.14	194.61	9.85
24(22)	24	TOP	-4.58	-47.72	-854.86	-128.52	19.31
	24	BOT	4.58	47.72	-854.86	-170.71	9.42
24(23)	24	TOP	37.37	5.99	-735.24	23.63	-105.97
	24	BOT	-37.37	-5.99	-735.24	13.93	-128.32
24(24)	24	TOP	-45.10	3.65	-748.93	16.89	138.43
	24	BOT	45.10	-3.65	-748.93	5.99	144.37
24(25)	24	TOP	-3.93	58.33	-777.72	173.08	16.39
	24	BOT	3.93	-58.33	-777.72	192.62	8.24
24(26)	24	TOP	-3.81	-48.69	-706.45	-132.57	16.07
	24	BOT	3.81	48.69	-706.45	-172.70	7.81

25(1)	25	TOP	12.93	3.47	-590.63	14.57	-54.18
	25	BOT	-12.93	-3.47	-590.63	7.16	-26.87
25(2)	25	TOP	11.20	2.92	-506.03	12.27	-46.93
	25	BOT	-11.20	-2.92	-506.03	6.02	-23.27
25(3)	25	TOP	16.48	3.74	-513.17	15.20	-60.84
	25	BOT	-16.48	-3.74	-513.17	8.25	-42.46
25(4)	25	TOP	4.30	2.84	-502.11	12.42	-26.24
	25	BOT	-4.30	-2.84	-502.11	5.41	-0.72
25(5)	25	TOP	10.38	11.68	-512.15	37.93	-43.51
	25	BOT	-10.38	-11.68	-512.15	35.32	-21.57
25(6)	25	TOP	10.40	-5.10	-503.13	-10.30	-43.58
	25	BOT	-10.40	5.10	-503.13	-21.66	-21.60
25(7)	25	TOP	14.74	3.19	-428.56	12.90	-53.58
	25	BOT	-14.74	-3.19	-428.56	7.11	-38.86
25(8)	25	TOP	2.57	2.30	-417.51	10.12	-18.99
	25	BOT	-2.57	-2.30	-417.51	4.27	2.88
25(9)	25	TOP	8.65	11.13	-427.54	35.62	-36.25
	25	BOT	-8.65	-11.13	-427.54	34.18	-17.97
25(10)	25	TOP	8.66	-5.65	-418.52	-12.61	-36.32
	25	BOT	-8.66	5.65	-418.52	-22.80	-18.01
25(11)	25	TOP	17.72	3.82	-582.88	15.64	-67.29
	25	BOT	-17.72	-3.82	-582.88	8.31	-43.82
25(12)	25	TOP	7.37	3.06	-573.49	13.28	-37.88
	25	BOT	-7.37	-3.06	-573.49	5.90	-8.33

25(13)	25	TOP	12.54	10.57	-582.02	34.96	-52.56
	25	BOT	-12.54	-10.57	-582.02	31.32	-26.06
25(14)	25	TOP	12.55	-3.69	-574.35	-6.04	-52.62
	25	BOT	-12.55	3.69	-574.35	-17.11	-26.09
25(15)	25	TOP	15.99	3.27	-498.28	13.34	-60.03
	25	BOT	-15.99	-3.27	-498.28	7.18	-40.22
25(16)	25	TOP	5.64	2.51	-488.88	10.98	-30.63
	25	BOT	-5.64	-2.51	-488.88	4.76	-4.74
25(17)	25	TOP	10.81	10.02	-497.41	32.66	-45.30
	25	BOT	-10.81	-10.02	-497.41	30.18	-22.46
25(18)	25	TOP	10.82	-4.24	-489.75	-8.34	-45.36
	25	BOT	-10.82	4.24	-489.75	-18.24	-22.49
25(19)	25	TOP	48.22	6.18	-582.53	22.87	-151.48
	25	BOT	-48.22	-6.18	-582.53	15.89	-150.87
25(20)	25	TOP	-25.27	0.55	-503.88	5.41	55.27
	25	BOT	25.27	-0.55	-503.88	-1.96	103.17
25(21)	25	TOP	11.36	57.33	-574.51	168.78	-47.69
	25	BOT	-11.36	-57.33	-574.51	190.70	-23.51
25(22)	25	TOP	11.60	-50.60	-511.91	-140.50	-48.52
	25	BOT	-11.60	50.60	-511.91	-176.77	-24.19
25(23)	25	TOP	46.31	5.62	-492.00	20.51	-143.46
	25	BOT	-46.31	-5.62	-492.00	14.73	-146.90
25(24)	25	TOP	-27.18	-0.01	-413.35	3.05	63.29
	25	BOT	27.18	0.01	-413.35	-3.12	107.15
25(25)	25	TOP	9.44	56.77	-483.97	166.42	-39.67
	25	BOT	-9.44	-56.77	-483.97	189.54	-19.54
25(26)	25	TOP	9.68	-51.16	-421.37	-142.86	-40.50
	25	BOT	-9.68	51.16	-421.37	-177.93	-20.21

26(1)	26	TOP	-8.42	3.30	-189.27	13.89	35.30
	26	BOT	8.42	-3.30	-189.27	6.80	17.48
26(2)	26	TOP	-7.34	2.92	-163.29	12.28	30.76
	26	BOT	7.34	-2.92	-163.29	6.02	15.24
26(3)	26	TOP	-1.20	2.53	-150.09	10.88	11.49
	26	BOT	1.20	-2.53	-150.09	4.96	-4.00
26(4)	26	TOP	-11.79	2.05	-161.65	8.39	42.94
	26	BOT	11.79	-2.05	-161.65	4.47	30.97
26(5)	26	TOP	-6.11	6.42	-158.57	21.25	25.63
	26	BOT	6.11	-6.42	-158.57	18.98	12.70
26(6)	26	TOP	-6.87	-1.84	-153.17	-1.98	28.80
	26	BOT	6.87	1.84	-153.17	-9.55	14.27
26(7)	26	TOP	-0.11	2.14	-124.11	9.28	6.95
	26	BOT	0.11	-2.14	-124.11	4.17	-6.24
26(8)	26	TOP	-10.71	1.67	-135.67	6.78	38.41
	26	BOT	10.71	-1.67	-135.67	3.69	28.72
26(9)	26	TOP	-5.03	6.04	-132.59	19.64	21.09
	26	BOT	5.03	-6.04	-132.59	18.20	10.45
26(10)	26	TOP	-5.79	-2.22	-127.19	-3.59	24.27
	26	BOT	5.79	2.22	-127.19	-10.34	12.02
26(11)	26	TOP	-3.63	3.35	-179.35	14.31	20.72
	26	BOT	3.63	-3.35	-179.35	6.70	2.02
26(12)	26	TOP	-12.63	2.95	-189.17	12.19	47.45
	26	BOT	12.63	-2.95	-189.17	6.29	31.74
26(13)	26	TOP	-7.81	6.66	-186.55	23.12	32.74
	26	BOT	7.81	-6.66	-186.55	18.62	16.22
26(14)	26	TOP	-8.45	-0.36	-181.97	3.38	35.43
	26	BOT	8.45	0.36	-181.97	-5.64	17.55
26(15)	26	TOP	-2.55	2.97	-153.37	12.71	16.18
	26	BOT	2.55	-2.97	-153.37	5.91	-0.22
26(16)	26	TOP	-11.55	2.57	-163.19	10.58	42.92
	26	BOT	11.55	-2.57	-163.19	5.50	29.49
26(17)	26	TOP	-6.73	6.28	-180.57	21.52	28.20
	26	BOT	6.73	-6.28	-180.57	17.83	13.97
26(18)	26	TOP	-7.37	-0.74	-155.99	1.77	30.90
	26	BOT	7.37	0.74	-155.99	-6.42	15.30
26(19)	26	TOP	25.31	4.18	-134.48	19.12	-66.18

	26	BOT	-25.31	-4.18	-134.48	7.21	-92.50
26(20)	26	TOP	-39.94	1.26	-205.88	3.80	127.54
	26	BOT	39.94	-1.26	-205.88	4.01	122.90
26(21)	26	TOP	-4.99	29.31	-187.90	86.33	20.79
	26	BOT	4.99	-29.31	-187.90	97.47	10.48
26(22)	26	TOP	-9.65	-23.87	-152.47	-63.42	40.57
	26	BOT	9.65	23.87	-152.47	-86.25	19.92
26(23)	26	TOP	26.53	3.73	-106.12	17.21	-71.29
	26	BOT	-26.53	-3.73	-106.12	6.27	-95.03
26(24)	26	TOP	-38.72	0.81	-177.52	1.89	122.42
	26	BOT	38.72	-0.81	-177.52	3.08	120.36
26(25)	26	TOP	-3.77	28.86	-159.53	84.42	15.68
	26	BOT	3.77	-28.86	-159.53	96.54	7.95
26(26)	26	TOP	-8.43	-24.32	-124.11	-65.32	35.46
	26	BOT	8.43	24.32	-124.11	-87.19	17.38

27(1)	27	TOP	0.49	1.61	-368.12	6.79	-2.05
	27	BOT	-0.49	-1.61	-368.12	3.30	-1.02
27(2)	27	TOP	0.41	1.43	-321.65	6.03	-1.72
	27	BOT	-0.41	-1.43	-321.65	2.93	-0.86
27(3)	27	TOP	6.01	0.90	-280.32	3.92	-18.72
	27	BOT	-6.01	-0.90	-280.32	1.71	-18.96
27(4)	27	TOP	-5.08	1.25	-277.27	5.15	14.82
	27	BOT	5.08	-1.25	-277.27	2.70	17.03
27(5)	27	TOP	0.41	5.73	-276.10	18.37	-1.71
	27	BOT	-0.41	-5.73	-276.10	17.57	-0.84
27(6)	27	TOP	0.52	-3.58	-281.50	-9.30	-2.19
	27	BOT	-0.52	3.58	-281.50	-13.16	-1.08
27(7)	27	TOP	5.93	0.72	-233.86	3.16	-18.39
	27	BOT	-5.93	-0.72	-233.86	1.34	-18.80
27(8)	27	TOP	-5.16	1.07	-230.81	4.39	15.14
	27	BOT	5.16	-1.07	-230.81	2.33	17.19
27(9)	27	TOP	0.33	5.55	-229.63	17.61	-1.38
	27	BOT	-0.33	-5.55	-229.63	17.20	-0.68
27(10)	27	TOP	0.45	-3.76	-235.03	-10.05	-1.87
	27	BOT	-0.45	3.76	-235.03	-13.53	-0.92
27(11)	27	TOP	5.20	1.38	-356.01	5.93	-16.29
	27	BOT	-5.20	-1.38	-356.01	2.72	-16.31
27(12)	27	TOP	-4.23	1.68	-353.42	6.97	12.22
	27	BOT	4.23	-1.68	-353.42	3.56	14.29
27(13)	27	TOP	0.44	5.49	-352.42	18.21	-1.83
	27	BOT	-0.44	-5.49	-352.42	16.20	-0.91
27(14)	27	TOP	0.54	-2.43	-357.02	-5.31	-2.24
	27	BOT	-0.54	2.43	-357.02	-9.93	-1.11
27(15)	27	TOP	5.12	1.20	-309.55	5.17	-15.96
	27	BOT	-5.12	-1.20	-309.55	2.35	-16.15
27(16)	27	TOP	-4.30	1.50	-306.96	6.21	12.54
	27	BOT	4.30	-1.50	-306.96	3.19	14.45
27(17)	27	TOP	0.36	5.31	-305.96	17.45	-1.50
	27	BOT	-0.36	-5.31	-305.96	15.83	-0.75
27(18)	27	TOP	0.46	-2.61	-310.55	-6.06	-1.92
	27	BOT	-0.46	2.61	-310.55	-10.29	-0.95
27(19)	27	TOP	34.64	0.21	-326.49	1.69	-105.29
	27	BOT	-34.64	-0.21	-326.49	-0.39	-111.88
27(20)	27	TOP	-33.69	2.40	-307.67	9.31	101.30
	27	BOT	33.69	-2.40	-307.67	5.74	109.90
27(21)	27	TOP	0.00	31.35	-299.96	94.79	-0.13
	27	BOT	0.00	-31.35	-299.96	101.78	0.12
27(22)	27	TOP	0.95	-28.74	-334.20	-83.79	-3.86
	27	BOT	-0.95	28.74	-334.20	-96.43	-2.09
27(23)	27	TOP	34.56	-0.01	-273.64	0.78	-104.96
	27	BOT	-34.56	0.01	-273.64	-0.84	-111.71
27(24)	27	TOP	-33.76	2.18	-254.82	8.39	101.64
	27	BOT	33.76	-2.18	-254.82	5.30	110.07
27(25)	27	TOP	-0.08	31.13	-247.11	93.87	0.20
	27	BOT	0.08	-31.13	-247.11	101.33	0.28

27(26)	27	TOP	0.87	-28.96	-281.35	-84.71	-3.52
	27	BOT	-0.87	28.96	-281.35	-96.87	-1.93

28(1)	28	TOP	0.04	-0.82	-394.75	-3.41	-0.17
	28	BOT	-0.04	0.82	-394.75	-1.74	-0.09
28(2)	28	TOP	0.03	-0.72	-345.56	-2.97	-0.14
	28	BOT	-0.03	0.72	-345.56	-1.51	-0.08
28(3)	28	TOP	5.54	-0.63	-295.15	-2.63	-16.74
	28	BOT	-5.54	0.63	-295.15	-1.33	-17.98
28(4)	28	TOP	-5.47	-0.63	-295.15	-2.63	16.46
	28	BOT	5.47	0.63	-295.15	-1.33	17.85
28(5)	28	TOP	0.03	3.99	-294.73	11.04	-0.14
	28	BOT	-0.03	-3.99	-294.73	13.96	-0.07
28(6)	28	TOP	0.03	-5.25	-295.58	-16.30	-0.14
	28	BOT	-0.03	5.25	-295.58	-16.61	-0.07
28(7)	28	TOP	5.53	-0.53	-245.96	-2.19	-16.72
	28	BOT	-5.53	0.53	-245.96	-1.11	-17.97
28(8)	28	TOP	-5.48	-0.53	-245.96	-2.19	16.49
	28	BOT	5.48	0.53	-245.96	-1.11	17.86
28(9)	28	TOP	0.03	4.09	-245.54	11.48	-0.11
	28	BOT	-0.03	-4.09	-245.54	14.18	-0.05
28(10)	28	TOP	0.03	-5.14	-246.39	-15.87	-0.12
	28	BOT	-0.03	5.14	-246.39	-16.39	-0.06
28(11)	28	TOP	4.72	-0.79	-379.81	-3.29	-14.27
	28	BOT	-4.72	0.79	-379.81	-1.67	-15.31
28(12)	28	TOP	-4.64	-0.79	-379.81	-3.29	13.95
	28	BOT	4.64	0.79	-379.81	-1.67	15.14
28(13)	28	TOP	0.04	3.13	-379.45	8.33	-0.16
	28	BOT	-0.04	-3.13	-379.45	11.32	-0.08
28(14)	28	TOP	0.04	-4.72	-380.17	-14.92	-0.16
	28	BOT	-0.04	4.72	-380.17	-14.67	-0.08
28(15)	28	TOP	4.71	-0.69	-330.62	-2.86	-14.25
	28	BOT	-4.71	0.69	-330.62	-1.45	-15.30
28(16)	28	TOP	-4.65	-0.69	-330.62	-2.86	13.97
	28	BOT	4.65	0.69	-330.62	-1.45	15.16
28(17)	28	TOP	0.03	3.24	-330.25	8.77	-0.14
	28	BOT	-0.03	-3.24	-330.25	11.54	-0.07
28(18)	28	TOP	0.03	-4.61	-330.98	-14.48	-0.14
	28	BOT	-0.03	4.61	-330.98	-14.45	-0.07
28(19)	28	TOP	33.95	-0.71	-337.84	-2.97	-102.42
	28	BOT	-33.95	0.71	-337.84	-1.50	-110.46
28(20)	28	TOP	-33.88	-0.71	-337.84	-2.96	102.12
	28	BOT	33.88	0.71	-337.84	-1.50	110.31
28(21)	28	TOP	-0.07	29.14	-335.35	85.45	0.16
	28	BOT	0.07	-29.14	-335.35	97.26	0.26
28(22)	28	TOP	0.14	-30.56	-340.32	-91.38	-0.46
	28	BOT	-0.14	30.56	-340.32	-100.26	-0.41
28(23)	28	TOP	33.95	-0.59	-281.53	-2.47	-102.40
	28	BOT	-33.95	0.59	-281.53	-1.25	-110.44
28(24)	28	TOP	-33.89	-0.59	-281.53	-2.47	102.15
	28	BOT	33.89	0.59	-281.53	-1.25	110.32
28(25)	28	TOP	-0.07	29.26	-279.04	85.94	0.19
	28	BOT	0.07	-29.26	-279.04	97.51	0.27
28(26)	28	TOP	0.13	-30.45	-284.02	-90.88	-0.44
	28	BOT	-0.13	30.45	-284.02	-100.01	-0.40

29(1)	29	TOP	-0.62	1.99	-371.44	8.37	2.59
	29	BOT	0.62	-1.99	-371.44	4.12	1.28
29(2)	29	TOP	-0.52	1.76	-324.55	7.41	2.19
	29	BOT	0.52	-1.76	-324.55	3.64	1.08
29(3)	29	TOP	4.96	1.55	-279.76	6.38	-14.33
	29	BOT	-4.96	-1.55	-279.76	3.34	-16.79
29(4)	29	TOP	-6.13	1.20	-282.81	5.15	19.20
	29	BOT	6.13	-1.20	-282.81	2.36	19.21
29(5)	29	TOP	-0.52	6.03	-278.58	19.60	2.20
	29	BOT	0.52	-6.03	-278.58	18.22	1.09

29(6)	29	TOP	-0.64	-3.28	-283.99	-8.06	2.68
	29	BOT	0.64	3.28	-283.99	-12.52	1.33
29(7)	29	TOP	5.06	1.32	-232.88	5.42	-14.74
	29	BOT	-5.06	-1.32	-232.88	2.87	-16.98
29(8)	29	TOP	-6.03	0.97	-235.93	4.19	18.80
	29	BOT	6.03	-0.97	-235.93	1.88	19.00
29(9)	29	TOP	-0.43	5.80	-231.70	18.64	1.78
	29	BOT	0.43	-5.80	-231.70	17.74	0.89
29(10)	29	TOP	-0.54	-3.51	-237.11	-9.03	2.27
	29	BOT	0.54	3.51	-237.11	-12.99	1.13
29(11)	29	TOP	4.10	2.05	-356.62	8.50	-11.68
	29	BOT	-4.10	-2.05	-356.62	4.35	-14.03
29(12)	29	TOP	-5.32	1.75	-359.21	7.46	16.82
	29	BOT	5.32	-1.75	-359.21	3.51	16.57
29(13)	29	TOP	-0.56	5.86	-355.62	19.74	2.36
	29	BOT	0.56	-5.86	-355.62	16.99	1.17
29(14)	29	TOP	-0.66	-2.06	-360.21	-3.78	2.77
	29	BOT	0.66	2.06	-360.21	-9.13	1.37
29(15)	29	TOP	4.20	1.82	-309.74	7.54	-12.09
	29	BOT	-4.20	-1.82	-309.74	3.87	-14.23
29(16)	29	TOP	-5.23	1.52	-312.33	6.50	16.41
	29	BOT	5.23	-1.52	-312.33	3.03	16.37
29(17)	29	TOP	-0.47	5.63	-308.73	18.78	1.96
	29	BOT	0.47	-5.63	-308.73	16.52	0.97
29(18)	29	TOP	-0.56	-2.29	-313.33	-4.74	2.37
	29	BOT	0.56	2.29	-313.33	-9.61	1.17
29(19)	29	TOP	33.56	2.74	-310.51	10.69	-100.79
	29	BOT	-33.56	-2.74	-310.51	6.46	-109.65
29(20)	29	TOP	-34.76	0.54	-329.33	3.08	105.80
	29	BOT	34.76	-0.54	-329.33	0.33	112.13
29(21)	29	TOP	-0.33	31.78	-302.79	96.46	1.25
	29	BOT	0.33	-31.78	-302.79	102.82	0.80
29(22)	29	TOP	-0.87	-28.50	-337.06	-82.69	3.75
	29	BOT	0.87	28.50	-337.06	-96.03	1.68
29(23)	29	TOP	33.66	2.46	-257.19	9.54	-101.21
	29	BOT	-33.66	-2.46	-257.19	5.90	-109.86
29(24)	29	TOP	-34.66	0.27	-276.01	1.93	105.38
	29	BOT	34.66	-0.27	-276.01	-0.24	111.92
29(25)	29	TOP	-0.23	31.51	-249.47	95.31	0.83
	29	BOT	0.23	-31.51	-249.47	102.26	0.59
29(26)	29	TOP	-0.77	-28.78	-283.74	-83.84	3.34
	29	BOT	0.77	28.78	-283.74	-96.60	1.47

30(1)	30	TOP	8.64	3.60	-192.01	15.12	-36.22
	30	BOT	-8.64	-3.60	-192.01	7.48	-17.95
30(2)	30	TOP	7.53	3.19	-165.65	13.37	-31.56
	30	BOT	-7.53	-3.19	-165.65	6.61	-15.64
30(3)	30	TOP	11.97	2.27	-163.90	9.27	-43.73
	30	BOT	-11.97	-2.27	-163.90	4.98	-31.35
30(4)	30	TOP	1.38	2.75	-152.35	11.76	-12.27
	30	BOT	-1.38	-2.75	-152.35	5.46	3.61
30(5)	30	TOP	6.30	6.64	-160.82	22.13	-26.41
	30	BOT	-6.30	-6.64	-160.82	19.49	-13.08
30(6)	30	TOP	7.06	-1.62	-155.43	-1.10	-29.59
	30	BOT	-7.06	1.62	-155.43	-9.05	-14.66
30(7)	30	TOP	10.86	1.85	-137.55	7.52	-39.06
	30	BOT	-10.86	-1.85	-137.55	4.11	-29.04
30(8)	30	TOP	0.27	2.33	-125.99	10.01	-7.61
	30	BOT	-0.27	-2.33	-125.99	4.59	5.92
30(9)	30	TOP	5.19	6.22	-134.47	20.38	-21.74
	30	BOT	-5.19	-6.22	-134.47	18.62	-10.77
30(10)	30	TOP	5.94	-2.04	-129.07	-2.86	-24.92
	30	BOT	-5.94	2.04	-129.07	-9.92	-12.35
30(11)	30	TOP	12.85	3.24	-191.84	13.37	-48.36
	30	BOT	-12.85	-3.24	-191.84	6.94	-32.20
30(12)	30	TOP	3.84	3.64	-182.01	15.49	-21.62

	30	BOT	-3.84	-3.64	-182.01	7.34	-2.48
30(13)	30	TOP	8.02	6.95	-189.22	24.31	-33.64
	30	BOT	-8.02	-6.95	-189.22	19.27	-16.67
30(14)	30	TOP	8.67	-0.07	-184.63	4.56	-36.34
	30	BOT	-8.67	0.07	-184.63	-4.99	-18.01
30(15)	30	TOP	11.73	2.82	-165.48	11.62	-43.69
	30	BOT	-11.73	-2.82	-165.48	6.06	-29.89
30(16)	30	TOP	2.73	3.22	-155.66	13.74	-16.96
	30	BOT	-2.73	-3.22	-155.66	6.47	-0.17
30(17)	30	TOP	6.91	6.53	-162.86	22.55	-28.97
	30	BOT	-6.91	-6.53	-162.86	18.40	-14.36
30(18)	30	TOP	7.56	-0.49	-158.28	2.80	-31.67
	30	BOT	-7.56	0.49	-158.28	-5.86	-15.70
30(19)	30	TOP	40.14	1.52	-208.35	4.83	-128.38
	30	BOT	-40.14	-1.52	-208.35	4.59	-123.32
30(20)	30	TOP	-25.11	4.44	-136.95	20.15	65.33
	30	BOT	25.11	-4.44	-136.95	7.79	92.08
30(21)	30	TOP	4.97	29.77	-190.26	87.94	-20.97
	30	BOT	-4.97	-29.77	-190.26	98.71	-10.21
30(22)	30	TOP	10.06	-23.81	-155.03	-62.96	-42.08
	30	BOT	-10.06	23.81	-155.03	-86.34	-21.03
30(23)	30	TOP	38.89	1.02	-179.57	2.75	-123.13
	30	BOT	-38.89	-1.02	-179.57	3.56	-120.71
30(24)	30	TOP	-26.36	3.95	-108.17	18.07	70.59
	30	BOT	26.36	-3.95	-108.17	6.75	94.68
30(25)	30	TOP	3.72	29.27	-161.49	85.86	-15.72
	30	BOT	-3.72	-29.27	-161.49	97.68	-7.61
30(26)	30	TOP	8.81	-24.31	-126.26	-65.05	-36.82
	30	BOT	-8.81	24.31	-126.26	-87.37	-18.43

31(1)	31	TOP	-1.81	5.38	-216.36	22.61	7.60
	31	BOT	1.81	-5.38	-216.36	11.14	3.77
31(2)	31	TOP	-1.58	4.69	-186.04	19.69	6.64
	31	BOT	1.58	-4.69	-186.04	9.70	3.29
31(3)	31	TOP	3.97	4.58	-179.54	19.35	-10.24
	31	BOT	-3.97	-4.58	-179.54	9.36	-14.63
31(4)	31	TOP	-6.71	3.75	-184.28	15.64	21.74
	31	BOT	6.71	-3.75	-184.28	7.90	20.36
31(5)	31	TOP	-0.88	8.29	-187.98	29.09	3.68
	31	BOT	0.88	-8.29	-187.98	22.89	1.83
31(6)	31	TOP	-1.87	0.04	-175.84	5.89	7.83
	31	BOT	1.87	-0.04	-175.84	-5.63	3.89
31(7)	31	TOP	4.20	3.88	-149.22	16.43	-11.20
	31	BOT	-4.20	-3.88	-149.22	7.92	-15.11
31(8)	31	TOP	-6.48	3.06	-153.97	12.72	20.78
	31	BOT	6.48	-3.06	-153.97	6.46	19.88
31(9)	31	TOP	-0.65	7.60	-157.66	26.18	2.72
	31	BOT	0.65	-7.60	-157.66	21.45	1.36
31(10)	31	TOP	-1.64	-0.65	-145.52	2.98	6.87
	31	BOT	1.64	0.65	-145.52	-7.07	3.41
31(11)	31	TOP	2.79	5.55	-209.18	23.42	-6.27
	31	BOT	-2.79	-5.55	-209.18	11.38	-11.24
31(12)	31	TOP	-6.29	4.85	-213.21	20.27	20.91
	31	BOT	6.29	-4.85	-213.21	10.14	18.50
31(13)	31	TOP	-1.33	8.71	-216.35	31.70	5.56
	31	BOT	1.33	-8.71	-216.35	22.88	2.76
31(14)	31	TOP	-2.17	1.69	-206.03	11.98	9.08
	31	BOT	2.17	-1.69	-206.03	-1.36	4.51
31(15)	31	TOP	3.02	4.86	-178.86	20.50	-7.23
	31	BOT	-3.02	-4.86	-178.86	9.94	-11.71
31(16)	31	TOP	-6.06	4.16	-182.89	17.35	19.95
	31	BOT	6.06	-4.16	-182.89	8.70	18.03
31(17)	31	TOP	-1.10	8.01	-186.04	28.78	4.60
	31	BOT	1.10	-8.01	-186.04	21.45	2.28
31(18)	31	TOP	-1.94	1.00	-175.72	9.07	8.13
	31	BOT	1.94	-1.00	-175.72	-2.80	4.03

31(19)	31	TOP	31.34	7.22	-182.07	31.10	-91.97
	31	BOT	-31.34	-7.22	-182.07	14.20	-104.54
31(20)	31	TOP	-34.47	2.15	-211.28	8.27	105.06
	31	BOT	34.47	-2.15	-211.28	5.20	111.04
31(21)	31	TOP	1.49	31.25	-235.75	94.35	-6.43
	31	BOT	-1.49	-31.25	-235.75	101.56	-2.94
31(22)	31	TOP	-4.62	-21.87	-157.60	-54.98	19.51
	31	BOT	4.62	21.87	-157.60	-82.15	9.44
31(23)	31	TOP	31.60	6.44	-149.29	27.82	-93.06
	31	BOT	-31.60	-6.44	-149.29	12.58	-105.08
31(24)	31	TOP	-34.21	1.37	-178.50	4.99	103.97
	31	BOT	34.21	-1.37	-178.50	3.59	110.50
31(25)	31	TOP	1.75	30.46	-202.97	91.07	-7.52
	31	BOT	-1.75	-30.46	-202.97	99.94	-3.48
31(26)	31	TOP	-4.36	-22.65	-124.82	-58.26	18.42
	31	BOT	4.36	22.65	-124.82	-83.77	8.90

32(1)	32	TOP	0.42	8.39	-241.48	35.21	-1.76
	32	BOT	-0.42	-8.39	-241.48	17.40	-0.87
32(2)	32	TOP	0.35	7.35	-208.71	30.84	-1.47
	32	BOT	-0.35	-7.35	-208.71	15.24	-0.72
32(3)	32	TOP	6.07	6.25	-196.59	26.22	-19.08
	32	BOT	-6.07	-6.25	-196.59	12.97	-18.98
32(4)	32	TOP	-5.24	6.25	-196.59	26.22	15.58
	32	BOT	5.24	-6.25	-196.59	12.97	17.27
32(5)	32	TOP	0.42	10.07	-200.13	36.55	-1.75
	32	BOT	-0.42	-10.07	-200.13	26.60	-0.85
32(6)	32	TOP	0.42	2.43	-193.05	15.90	-1.75
	32	BOT	-0.42	-2.43	-193.05	-0.66	-0.85
32(7)	32	TOP	6.00	5.21	-163.82	21.85	-18.79
	32	BOT	-6.00	-5.21	-163.82	10.81	-18.84
32(8)	32	TOP	-5.31	5.21	-163.82	21.85	15.87
	32	BOT	5.31	-5.21	-163.82	10.81	17.41
32(9)	32	TOP	0.35	9.03	-167.37	32.18	-1.46
	32	BOT	-0.35	-9.03	-167.37	24.44	-0.71
32(10)	32	TOP	0.35	1.39	-160.28	11.53	-1.46
	32	BOT	-0.35	-1.39	-160.28	-2.82	-0.71
32(11)	32	TOP	5.23	8.07	-234.75	33.86	-16.49
	32	BOT	-5.23	-8.07	-234.75	16.73	-16.27
32(12)	32	TOP	-4.39	8.07	-234.75	33.86	12.97
	32	BOT	4.39	-8.07	-234.75	16.73	14.54
32(13)	32	TOP	0.42	11.32	-237.76	42.64	-1.76
	32	BOT	-0.42	-11.32	-237.76	28.32	-0.86
32(14)	32	TOP	0.42	4.82	-231.73	25.09	-1.76
	32	BOT	-0.42	-4.82	-231.73	5.15	-0.86
32(15)	32	TOP	5.16	7.03	-201.98	29.49	-16.20
	32	BOT	-5.16	-7.03	-201.98	14.57	-16.13
32(16)	32	TOP	-4.46	7.03	-201.98	29.49	13.26
	32	BOT	4.46	-7.03	-201.98	14.57	14.69
32(17)	32	TOP	0.35	10.28	-204.99	38.27	-1.47
	32	BOT	-0.35	-10.28	-204.99	26.16	-0.72
32(18)	32	TOP	0.35	3.78	-198.97	20.71	-1.47
	32	BOT	-0.35	-3.78	-198.97	2.99	-0.72
32(19)	32	TOP	35.26	7.17	-215.83	30.08	-108.53
	32	BOT	-35.26	-7.17	-215.83	14.87	-112.53
32(20)	32	TOP	-34.42	7.17	-215.83	30.08	105.01
	32	BOT	34.42	-7.17	-215.83	14.87	110.82
32(21)	32	TOP	0.27	31.82	-238.67	96.70	-1.30
	32	BOT	-0.27	-31.82	-238.67	102.83	-0.37
32(22)	32	TOP	0.57	-17.49	-192.98	-36.54	-2.22
	32	BOT	-0.57	17.49	-192.98	-73.09	-1.34
32(23)	32	TOP	35.19	5.97	-179.86	26.06	-108.24
	32	BOT	-35.19	-5.97	-179.86	12.39	-112.39
32(24)	32	TOP	-34.49	5.97	-179.86	26.06	105.31
	32	BOT	34.49	-5.97	-179.86	12.39	110.96
32(25)	32	TOP	0.20	30.63	-202.70	91.68	-1.00

	32	BOT	-0.20	-30.63	-202.70	100.35	-0.23
32(26)	32	TOP	0.50	-18.68	-157.01	-41.56	-1.92
	32	BOT	-0.50	18.68	-157.01	-75.57	-1.20

33(1)	33	TOP	1.24	5.34	-204.94	22.39	-5.22
	33	BOT	-1.24	-5.34	-204.94	11.06	-2.58
33(2)	33	TOP	1.11	4.65	-176.49	19.50	-4.66
	33	BOT	-1.11	-4.65	-176.49	9.63	-2.31
33(3)	33	TOP	6.14	3.72	-173.07	15.49	-19.34
	33	BOT	-6.14	-3.72	-173.07	7.86	-19.14
33(4)	33	TOP	-4.54	4.55	-168.33	19.20	12.64
	33	BOT	4.54	-4.55	-168.33	9.32	15.85
33(5)	33	TOP	0.30	8.26	-176.77	28.94	-1.27
	33	BOT	-0.30	-8.26	-176.77	22.85	-0.62
33(6)	33	TOP	1.29	0.01	-164.63	5.74	-5.43
	33	BOT	-1.29	-0.01	-164.63	-5.68	-2.68
33(7)	33	TOP	6.00	3.03	-144.62	12.60	-18.78
	33	BOT	-6.00	-3.03	-144.62	6.42	-18.87
33(8)	33	TOP	-4.68	3.86	-139.88	16.30	13.20
	33	BOT	4.68	-3.86	-139.88	7.88	16.12
33(9)	33	TOP	0.17	7.57	-148.32	26.05	-0.71
	33	BOT	-0.17	-7.57	-148.32	21.42	-0.34
33(10)	33	TOP	1.16	-0.68	-136.18	2.85	-4.87
	33	BOT	-1.16	0.68	-136.18	-7.11	-2.40
33(11)	33	TOP	5.72	4.81	-201.83	20.06	-18.53
	33	BOT	-5.72	-4.81	-201.83	10.07	-17.31
33(12)	33	TOP	-3.36	5.51	-197.79	23.21	8.65
	33	BOT	3.36	-5.51	-197.79	11.31	12.43
33(13)	33	TOP	0.76	8.66	-204.97	31.49	-3.18
	33	BOT	-0.76	-8.66	-204.97	22.81	-1.57
33(14)	33	TOP	1.60	1.65	-194.65	11.77	-6.71
	33	BOT	-1.60	-1.65	-194.65	-1.43	-3.32
33(15)	33	TOP	5.58	4.12	-173.38	17.17	-17.97
	33	BOT	-5.58	-4.12	-173.38	8.64	-17.04
33(16)	33	TOP	-3.49	4.82	-169.34	20.32	9.21
	33	BOT	3.49	-4.82	-169.34	9.88	12.70
33(17)	33	TOP	0.62	7.97	-176.52	28.60	-2.62
	33	BOT	-0.62	-7.97	-176.52	21.38	-1.29
33(18)	33	TOP	1.47	0.96	-166.20	8.88	-6.15
	33	BOT	-1.47	-0.96	-166.20	-2.86	-3.04
33(19)	33	TOP	33.89	2.11	-199.98	8.09	-102.67
	33	BOT	-33.89	-2.11	-199.98	5.15	-109.84
33(20)	33	TOP	-31.92	7.19	-170.77	30.92	94.36
	33	BOT	31.92	-7.19	-170.77	14.15	105.75
33(21)	33	TOP	-2.35	31.32	-224.48	94.54	9.67
	33	BOT	2.35	-31.32	-224.48	101.87	5.04
33(22)	33	TOP	4.32	-22.03	-146.27	-55.52	-17.97
	33	BOT	-4.32	22.03	-146.27	-82.57	-9.13
33(23)	33	TOP	33.73	1.34	-169.09	4.84	-101.98
	33	BOT	-33.73	-1.34	-169.09	3.54	-109.50
33(24)	33	TOP	-32.08	6.41	-139.88	27.67	95.06
	33	BOT	32.08	-6.41	-139.88	12.54	106.09
33(25)	33	TOP	-2.51	30.55	-193.59	91.28	10.36
	33	BOT	2.51	-30.55	-193.59	100.26	5.38
33(26)	33	TOP	4.16	-22.80	-115.37	-58.77	-17.28
	33	BOT	-4.16	22.80	-115.37	-84.18	-8.79


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* 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 *
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No. of Floor = 2

C(TYPE)	ND	V-X	V-Y	=N=	M-X	M-Y
1(1)	1 TOP	-20.96	-43.70	-183.96	-102.20	43.38
	6 BOT	20.96	43.70	-183.96	-42.01	25.79
1(2)	1 TOP	-18.65	-38.05	-156.86	-87.80	37.65
	6 BOT	18.65	38.05	-156.86	-37.78	23.91
1(3)	1 TOP	-13.14	-33.86	-161.34	-86.53	30.46
	6 BOT	13.14	33.86	-161.34	-25.20	12.89
1(4)	1 TOP	-14.52	-33.86	-163.85	-86.18	38.30
	6 BOT	14.52	33.86	-163.85	-25.55	9.62
1(5)	1 TOP	-13.81	-30.86	-160.57	-79.12	34.37
	6 BOT	13.81	30.86	-160.57	-22.72	11.20
1(6)	1 TOP	-13.85	-36.86	-164.62	-93.60	34.39
	6 BOT	13.85	36.86	-164.62	-28.03	11.31
1(7)	1 TOP	-10.83	-28.22	-134.24	-72.14	24.73
	6 BOT	10.83	28.22	-134.24	-20.97	11.02
1(8)	1 TOP	-12.22	-28.22	-136.75	-71.79	32.57
	6 BOT	12.22	28.22	-136.75	-21.32	7.74
1(9)	1 TOP	-11.50	-25.22	-133.47	-64.72	28.64
	6 BOT	11.50	25.22	-133.47	-18.49	9.32
1(10)	1 TOP	-11.55	-31.21	-137.52	-79.21	28.66
	6 BOT	11.55	31.21	-137.52	-23.80	9.44
1(11)	1 TOP	-19.30	-42.22	-179.69	-99.97	38.70
	6 BOT	19.30	42.22	-179.69	-39.37	25.00
1(12)	1 TOP	-20.48	-42.22	-181.82	-99.67	45.36
	6 BOT	20.48	42.22	-181.82	-39.66	22.22
1(13)	1 TOP	-19.87	-39.67	-179.03	-93.67	42.02
	6 BOT	19.87	39.67	-179.03	-37.26	23.56
1(14)	1 TOP	-19.91	-44.77	-182.47	-105.98	42.04
	6 BOT	19.91	44.77	-182.47	-41.77	23.66
1(15)	1 TOP	-17.00	-36.58	-152.59	-85.57	32.97
	6 BOT	17.00	36.58	-152.59	-35.14	23.12
1(16)	1 TOP	-18.17	-36.58	-154.72	-85.28	39.63
	6 BOT	18.17	36.58	-154.72	-35.43	20.34
1(17)	1 TOP	-17.57	-34.03	-151.93	-79.27	36.29
	6 BOT	17.57	34.03	-151.93	-33.03	21.68
1(18)	1 TOP	-17.60	-39.13	-155.38	-91.58	36.31
	6 BOT	17.60	39.13	-155.38	-37.54	21.78
1(19)	1 TOP	-6.10	-38.16	-161.01	-94.45	4.15
	6 BOT	6.10	38.16	-161.01	-31.48	21.78
1(20)	1 TOP	-27.67	-37.99	-182.49	-91.84	72.32
	6 BOT	27.67	37.99	-182.49	-33.52	13.19
1(21)	1 TOP	-16.75	-15.34	-157.32	-41.62	38.11

	6	BOT	16.75	15.34	-157.32	-8.81	17.16
1(22)	1	TOP	-17.02	-60.81	-186.18	-144.67	38.37
	6	BOT	17.02	60.81	-186.18	-56.20	17.81
1(23)	1	TOP	-3.29	-31.82	-132.39	-78.93	-2.22
	6	BOT	3.29	31.82	-132.39	-26.06	18.87
1(24)	1	TOP	-24.85	-31.64	-153.87	-76.31	65.95
	6	BOT	24.85	31.64	-153.87	-28.11	10.27
1(25)	1	TOP	-13.93	-9.00	-128.69	-26.09	31.74
	6	BOT	13.93	9.00	-128.69	-3.39	14.24
1(26)	1	TOP	-14.21	-54.46	-157.56	-129.15	31.99
	6	BOT	14.21	54.46	-157.56	-50.78	14.90

2(1)	2	TOP	2.16	-66.23	-310.94	-150.33	-4.97
	7	BOT	-2.16	66.23	-310.94	-68.22	-2.15
2(2)	2	TOP	1.88	-58.45	-266.34	-130.49	-4.16
	7	BOT	-1.88	58.45	-266.34	-62.40	-2.03
2(3)	2	TOP	5.20	-46.64	-267.67	-119.07	-12.05
	7	BOT	-5.20	46.64	-267.67	-34.83	-5.12
2(4)	2	TOP	-1.83	-46.67	-267.47	-119.00	2.42
	7	BOT	1.83	46.67	-267.47	-35.01	3.63
2(5)	2	TOP	1.68	-43.66	-265.55	-111.79	-4.81
	7	BOT	-1.68	43.66	-265.55	-32.27	-0.73
2(6)	2	TOP	1.69	-49.65	-269.58	-126.27	-4.82
	7	BOT	-1.69	49.65	-269.58	-37.57	-0.76
2(7)	2	TOP	4.92	-38.86	-223.07	-99.23	-11.25
	7	BOT	-4.92	38.86	-223.07	-29.01	-5.00
2(8)	2	TOP	-2.11	-38.89	-222.87	-99.16	3.22
	7	BOT	2.11	38.89	-222.87	-29.19	3.76
2(9)	2	TOP	1.40	-35.88	-220.95	-91.96	-4.01
	7	BOT	-1.40	35.88	-220.95	-26.45	-0.61
2(10)	2	TOP	1.41	-41.87	-224.99	-106.43	-4.02
	7	BOT	-1.41	41.87	-224.99	-31.75	-0.63
2(11)	2	TOP	5.08	-63.28	-304.52	-145.67	-11.09
	7	BOT	-5.08	63.28	-304.52	-63.15	-5.66
2(12)	2	TOP	-0.90	-63.31	-304.35	-145.61	1.21
	7	BOT	0.90	63.31	-304.35	-63.30	1.78
2(13)	2	TOP	2.08	-60.75	-302.72	-139.48	-4.94
	7	BOT	-2.08	60.75	-302.72	-60.97	-1.93
2(14)	2	TOP	2.09	-65.84	-306.15	-151.79	-4.95
	7	BOT	-2.09	65.84	-306.15	-65.48	-1.95
2(15)	2	TOP	4.80	-55.50	-259.92	-125.83	-10.29
	7	BOT	-4.80	55.50	-259.92	-57.33	-5.54
2(16)	2	TOP	-1.19	-55.53	-259.75	-125.77	2.01
	7	BOT	1.19	55.53	-259.75	-57.48	1.90
2(17)	2	TOP	1.80	-52.97	-258.12	-119.65	-4.14
	7	BOT	-1.80	52.97	-258.12	-55.15	-1.81
2(18)	2	TOP	1.81	-58.06	-261.55	-131.95	-4.15
	7	BOT	-1.81	58.06	-261.55	-59.66	-1.83
2(19)	2	TOP	32.60	-54.93	-287.49	-132.64	-64.22
	7	BOT	-32.60	54.93	-287.49	-48.63	-43.39
2(20)	2	TOP	-28.83	-55.16	-284.82	-132.26	54.46
	7	BOT	28.83	55.16	-284.82	-49.76	40.70
2(21)	2	TOP	1.90	-32.31	-271.77	-90.89	-4.94
	7	BOT	-1.90	32.31	-271.77	-25.53	-1.32
2(22)	2	TOP	1.88	-77.77	-300.54	-184.00	-4.82
	7	BOT	-1.88	77.77	-300.54	-72.85	-1.38
2(23)	2	TOP	32.29	-45.75	-239.79	-110.56	-63.41
	7	BOT	-32.29	45.75	-239.79	-40.43	-43.17
2(24)	2	TOP	-29.14	-45.98	-237.13	-110.18	55.28
	7	BOT	29.14	45.98	-237.13	-41.56	40.92
2(25)	2	TOP	1.58	-23.14	-224.08	-58.82	-4.13
	7	BOT	-1.58	23.14	-224.08	-17.33	-1.09
2(26)	2	TOP	1.56	-68.60	-252.84	-161.93	-4.01
	7	BOT	-1.56	68.60	-252.84	-64.66	-1.15

3(1)	3	TOP	-1.15	-70.01	-300.84	-153.45	0.98

	8	BOT	1.15	70.01	-300.84	-77.57	2.83
3(2)	3	TOP	-1.19	-62.14	-257.94	-133.36	1.02
	8	BOT	1.19	62.14	-257.94	-71.70	2.89
3(3)	3	TOP	3.39	-47.20	-257.42	-120.53	-7.26
	8	BOT	-3.39	47.20	-257.42	-35.24	-3.93
3(4)	3	TOP	-3.01	-47.20	-257.42	-120.53	6.70
	8	BOT	3.01	47.20	-257.42	-35.24	3.24
3(5)	3	TOP	0.19	-44.21	-255.39	-113.29	-0.27
	8	BOT	-0.19	44.21	-255.39	-32.59	-0.34
3(6)	3	TOP	0.19	-50.20	-259.44	-127.76	-0.28
	8	BOT	-0.19	50.20	-259.44	-37.88	-0.35
3(7)	3	TOP	3.36	-39.33	-214.51	-100.44	-7.21
	8	BOT	-3.36	39.33	-214.51	-29.36	-3.87
3(8)	3	TOP	-3.04	-39.33	-214.51	-100.44	6.75
	8	BOT	3.04	39.33	-214.51	-29.36	3.30
3(9)	3	TOP	0.15	-36.34	-212.49	-93.21	-0.23
	8	BOT	-0.15	36.34	-212.49	-26.72	-0.28
3(10)	3	TOP	0.16	-42.33	-216.54	-107.68	-0.24
	8	BOT	-0.16	42.33	-216.54	-32.01	-0.29
3(11)	3	TOP	1.77	-66.59	-294.33	-148.51	-5.14
	8	BOT	-1.77	66.59	-294.33	-71.22	-0.69
3(12)	3	TOP	-3.67	-66.59	-294.33	-148.51	6.72
	8	BOT	3.67	66.59	-294.33	-71.22	5.41
3(13)	3	TOP	-0.95	-64.04	-292.61	-142.36	0.79
	8	BOT	0.95	64.04	-292.61	-68.97	2.36
3(14)	3	TOP	-0.95	-69.13	-296.05	-154.66	0.78
	8	BOT	0.95	69.13	-296.05	-73.47	2.35
3(15)	3	TOP	1.74	-58.72	-251.42	-128.42	-5.10
	8	BOT	-1.74	58.72	-251.42	-65.35	-0.64
3(16)	3	TOP	-3.71	-58.72	-251.42	-128.42	6.77
	8	BOT	3.71	58.72	-251.42	-65.35	5.46
3(17)	3	TOP	-0.99	-56.17	-249.70	-122.27	0.84
	8	BOT	0.99	56.17	-249.70	-63.10	2.42
3(18)	3	TOP	-0.98	-61.26	-253.14	-134.57	0.83
	8	BOT	0.98	61.26	-253.14	-67.60	2.41
3(19)	3	TOP	28.04	-56.98	-276.03	-134.64	-56.81
	8	BOT	-28.04	56.98	-276.03	-53.38	-35.75
3(20)	3	TOP	-28.81	-56.97	-276.03	-134.64	57.33
	8	BOT	28.81	56.97	-276.03	-53.38	37.79
3(21)	3	TOP	-0.36	-34.25	-261.60	-93.06	0.20
	8	BOT	0.36	34.25	-261.60	-29.76	1.00
3(22)	3	TOP	-0.41	-79.70	-290.45	-186.21	0.32
	8	BOT	0.41	79.70	-290.45	-77.00	1.03
3(23)	3	TOP	28.10	-47.48	-230.02	-112.20	-56.85
	8	BOT	-28.10	47.48	-230.02	-44.48	-35.92
3(24)	3	TOP	-28.75	-47.48	-230.02	-112.20	57.28
	8	BOT	28.75	47.48	-230.02	-44.48	37.62
3(25)	3	TOP	-0.30	-24.75	-215.59	-60.62	0.15
	8	BOT	0.30	24.75	-215.59	-20.86	0.83
3(26)	3	TOP	-0.35	-70.20	-244.45	-163.77	0.28
	8	BOT	0.35	70.20	-244.45	-68.11	0.86

4(1)	4	TOP	-0.52	-73.75	-310.50	-154.65	3.07
	9	BOT	0.52	73.75	-310.50	-88.72	-1.35
4(2)	4	TOP	-0.34	-65.92	-265.90	-134.67	2.45
	9	BOT	0.34	65.92	-265.90	-82.86	-1.34
4(3)	4	TOP	2.41	-46.99	-267.49	-119.82	-3.53
	9	BOT	-2.41	46.99	-267.49	-35.25	-4.43
4(4)	4	TOP	-4.63	-46.96	-267.69	-119.89	10.95
	9	BOT	4.63	46.96	-267.69	-35.07	4.32
4(5)	4	TOP	-1.12	-43.98	-265.58	-112.62	3.72
	9	BOT	1.12	43.98	-265.58	-32.51	-0.04
4(6)	4	TOP	-1.10	-49.97	-269.60	-127.09	3.70
	9	BOT	1.10	49.97	-269.60	-37.80	-0.06
4(7)	4	TOP	2.60	-39.16	-222.89	-99.85	-4.14
	9	BOT	-2.60	39.16	-222.89	-29.39	-4.42

4(8)	4	TOP	-4.44	-39.13	-223.09	-99.92	10.33
	9	BOT	4.44	39.13	-223.09	-29.21	4.33
4(9)	4	TOP	-0.93	-36.15	-220.98	-92.65	3.10
	9	BOT	0.93	36.15	-220.98	-26.65	-0.03
4(10)	4	TOP	-0.92	-42.14	-225.00	-107.12	3.08
	9	BOT	0.92	42.14	-225.00	-31.94	-0.06
4(11)	4	TOP	2.38	-69.75	-303.98	-149.40	-2.99
	9	BOT	-2.38	69.75	-303.98	-80.76	-4.87
4(12)	4	TOP	-3.60	-69.72	-304.15	-149.46	9.32
	9	BOT	3.60	69.72	-304.15	-80.61	2.57
4(13)	4	TOP	-0.62	-67.19	-302.36	-143.28	3.18
	9	BOT	0.62	67.19	-302.36	-78.44	-1.14
4(14)	4	TOP	-0.60	-72.28	-305.77	-155.58	3.15
	9	BOT	0.60	72.28	-305.77	-82.94	-1.16
4(15)	4	TOP	2.57	-61.92	-259.38	-129.42	-3.60
	9	BOT	-2.57	61.92	-259.38	-74.90	-4.86
4(16)	4	TOP	-3.42	-61.89	-259.55	-129.49	8.70
	9	BOT	3.42	61.89	-259.55	-74.75	2.58
4(17)	4	TOP	-0.43	-59.36	-257.76	-123.31	2.56
	9	BOT	0.43	59.36	-257.76	-72.58	-1.13
4(18)	4	TOP	-0.42	-64.45	-261.18	-135.60	2.54
	9	BOT	0.42	64.45	-261.18	-77.08	-1.15
4(19)	4	TOP	29.86	-58.56	-284.65	-134.58	-55.91
	9	BOT	-29.86	58.56	-284.65	-58.68	-42.65
4(20)	4	TOP	-31.57	-58.33	-287.31	-134.96	62.78
	9	BOT	31.57	58.33	-287.31	-57.54	41.43
4(21)	4	TOP	-0.87	-35.73	-271.63	-83.16	3.43
	9	BOT	0.87	35.73	-271.63	-34.52	-0.57
4(22)	4	TOP	-0.85	-81.17	-300.33	-186.38	3.44
	9	BOT	0.85	81.17	-300.33	-81.70	-0.65
4(23)	4	TOP	30.00	-48.82	-236.98	-112.12	-56.48
	9	BOT	-30.00	48.82	-236.98	-49.00	-42.55
4(24)	4	TOP	-31.43	-48.59	-239.65	-112.50	62.20
	9	BOT	31.43	48.59	-239.65	-47.86	41.53
4(25)	4	TOP	-0.72	-25.98	-223.96	-60.70	2.86
	9	BOT	0.72	25.98	-223.96	-24.84	-0.47
4(26)	4	TOP	-0.70	-71.43	-252.67	-163.92	2.87
	9	BOT	0.70	71.43	-252.67	-72.02	-0.54

5(1)	5	TOP	20.38	-48.13	-185.78	-104.75	-41.68
	10	BOT	-20.38	48.13	-185.78	-54.08	-25.59
5(2)	5	TOP	18.19	-42.44	-158.47	-90.24	-36.27
	10	BOT	-18.19	42.44	-158.47	-49.81	-23.75
5(3)	5	TOP	13.88	-34.14	-165.11	-86.90	-36.39
	10	BOT	-13.88	34.14	-165.11	-25.76	-9.40
5(4)	5	TOP	12.49	-34.14	-162.60	-87.25	-28.54
	10	BOT	-12.49	34.14	-162.60	-25.41	-12.67
5(5)	5	TOP	13.22	-31.15	-161.82	-79.85	-32.53
	10	BOT	-13.22	31.15	-161.82	-22.94	-11.10
5(6)	5	TOP	13.15	-37.13	-165.88	-94.31	-32.41
	10	BOT	-13.15	37.13	-165.88	-28.22	-10.97
5(7)	5	TOP	11.68	-28.45	-137.80	-72.39	-30.98
	10	BOT	-11.68	28.45	-137.80	-21.49	-7.56
5(8)	5	TOP	10.29	-28.45	-135.29	-72.74	-23.13
	10	BOT	-10.29	28.45	-135.29	-21.15	-10.83
5(9)	5	TOP	11.02	-25.46	-134.51	-65.34	-27.12
	10	BOT	-11.02	25.46	-134.51	-18.68	-9.26
5(10)	5	TOP	10.95	-31.44	-138.57	-79.79	-27.00
	10	BOT	-10.95	31.44	-138.57	-23.96	-9.13
5(11)	5	TOP	19.89	-46.03	-183.56	-101.95	-43.63
	10	BOT	-19.89	46.03	-183.56	-49.95	-22.02
5(12)	5	TOP	18.71	-46.03	-181.42	-102.25	-36.96
	10	BOT	-18.71	46.03	-181.42	-49.66	-24.80
5(13)	5	TOP	19.34	-43.49	-180.77	-95.95	-40.35
	10	BOT	-19.34	43.49	-180.77	-47.56	-23.46
5(14)	5	TOP	19.27	-48.57	-184.21	-108.24	-40.24

	10	BOT	-19.27	48.57	-184.21	-52.05	-23.36
5(15)	5	TOP	17.70	-40.34	-156.25	-87.44	-38.22
	10	BOT	-17.70	40.34	-156.25	-45.69	-20.18
5(16)	5	TOP	16.52	-40.34	-154.11	-87.73	-31.55
	10	BOT	-16.52	40.34	-154.11	-45.40	-22.96
5(17)	5	TOP	17.14	-37.80	-153.46	-81.44	-34.94
	10	BOT	-17.14	37.80	-153.46	-43.30	-21.62
5(18)	5	TOP	17.08	-42.88	-156.91	-93.73	-34.83
	10	BOT	-17.08	42.88	-156.91	-47.78	-21.52
5(19)	5	TOP	27.06	-40.05	-183.99	-93.34	-70.51
	10	BOT	-27.06	40.05	-183.99	-38.81	-12.97
5(20)	5	TOP	5.48	-40.22	-162.51	-95.96	-2.32
	10	BOT	-5.48	40.22	-162.51	-36.78	-21.58
5(21)	5	TOP	16.53	-17.42	-158.77	-43.03	-36.89
	10	BOT	-16.53	17.42	-158.77	-14.25	-17.66
5(22)	5	TOP	16.01	-62.85	-187.72	-146.27	-35.94
	10	BOT	-16.01	62.85	-187.72	-61.34	-16.88
5(23)	5	TOP	24.35	-33.36	-155.12	-77.57	-64.44
	10	BOT	-24.35	33.36	-155.12	-32.51	-10.09
5(24)	5	TOP	2.77	-33.53	-133.63	-80.19	3.75
	10	BOT	-2.77	33.53	-133.63	-30.48	-18.70
5(25)	5	TOP	13.82	-10.73	-129.90	-27.26	-30.82
	10	BOT	-13.82	10.73	-129.90	-7.95	-14.78
5(26)	5	TOP	13.30	-56.16	-158.85	-130.50	-29.87
	10	BOT	-13.30	56.16	-158.85	-55.04	-14.01

6(1)	6	TOP	-25.21	40.04	-229.93	94.00	54.22
	11	BOT	25.21	-40.04	-229.93	38.15	28.99
6(2)	6	TOP	-22.48	35.10	-196.94	81.03	47.41
	11	BOT	22.48	-35.10	-196.94	34.78	26.78
6(3)	6	TOP	-15.69	29.73	-196.70	77.74	36.94
	11	BOT	15.69	-29.73	-196.70	20.37	14.85
6(4)	6	TOP	-17.11	29.66	-199.20	77.90	44.71
	11	BOT	17.11	-29.66	-199.20	19.98	11.74
6(5)	6	TOP	-16.40	33.06	-198.90	86.31	40.82
	11	BOT	16.40	-33.06	-198.90	22.81	13.30
6(6)	6	TOP	-16.40	26.32	-197.00	69.33	40.82
	11	BOT	16.40	-26.32	-197.00	17.54	13.30
6(7)	6	TOP	-12.96	24.78	-163.70	64.77	30.13
	11	BOT	12.96	-24.78	-163.70	17.00	12.64
6(8)	6	TOP	-14.37	24.71	-166.21	64.93	37.91
	11	BOT	14.37	-24.71	-166.21	16.61	9.53
6(9)	6	TOP	-13.67	28.12	-165.91	73.34	34.02
	11	BOT	13.67	-28.12	-165.91	19.44	11.08
6(10)	6	TOP	-13.67	21.38	-164.01	56.36	34.02
	11	BOT	13.67	-21.38	-164.01	14.17	11.08
6(11)	6	TOP	-23.29	38.52	-224.07	91.51	48.90
	11	BOT	23.29	-38.52	-224.07	35.62	27.96
6(12)	6	TOP	-24.49	38.46	-226.20	91.64	55.51
	11	BOT	24.49	-38.46	-226.20	35.28	25.32
6(13)	6	TOP	-23.89	41.36	-225.94	98.79	52.21
	11	BOT	23.89	-41.36	-225.94	37.69	26.64
6(14)	6	TOP	-23.89	35.63	-224.32	84.36	52.21
	11	BOT	23.89	-35.63	-224.32	33.21	26.64
6(15)	6	TOP	-20.56	33.57	-191.08	78.54	42.10
	11	BOT	20.56	-33.57	-191.08	32.25	25.74
6(16)	6	TOP	-21.76	33.51	-193.21	78.67	48.71
	11	BOT	21.76	-33.51	-193.21	31.92	23.10
6(17)	6	TOP	-21.16	36.41	-192.95	85.82	45.40
	11	BOT	21.16	-36.41	-192.95	34.33	24.42
6(18)	6	TOP	-21.16	30.68	-191.33	71.39	45.40
	11	BOT	21.16	-30.68	-191.33	29.85	24.42
6(19)	6	TOP	-9.34	34.36	-200.97	84.30	12.72
	11	BOT	9.34	-34.36	-200.97	29.09	24.46
6(20)	6	TOP	-31.01	33.90	-222.34	85.21	80.40
	11	BOT	31.01	-33.90	-222.34	26.66	15.59

6(21)	6	TOP	-20.18	59.65	-218.45	145.19	46.56
	11	BOT	20.18	-59.65	-218.45	51.91	20.04
6(22)	6	TOP	-20.18	8.61	-204.86	24.32	46.57
	11	BOT	20.18	-8.61	-204.86	3.83	20.01
6(23)	6	TOP	-5.98	28.67	-165.70	70.18	4.96
	11	BOT	5.98	-28.67	-165.70	24.44	21.12
6(24)	6	TOP	-27.65	28.21	-187.06	71.08	72.64
	11	BOT	27.65	-28.21	-187.06	22.02	12.25
6(25)	6	TOP	-16.82	53.96	-183.17	131.06	38.80
	11	BOT	16.82	-53.96	-183.17	47.27	16.70
6(26)	6	TOP	-16.81	2.92	-169.59	10.19	38.81
	11	BOT	16.81	-2.92	-169.59	-0.81	16.67

7(1)	7	TOP	2.50	63.68	-382.12	145.00	-6.08
	12	BOT	-2.50	-63.68	-382.12	65.14	-2.16
7(2)	7	TOP	2.19	56.39	-329.60	126.01	-5.18
	12	BOT	-2.19	-56.39	-329.60	60.08	-2.04
7(3)	7	TOP	5.34	43.73	-315.20	113.87	-12.55
	12	BOT	-5.34	-43.73	-315.20	30.44	-5.06
7(4)	7	TOP	-1.62	43.70	-315.03	113.96	1.74
	12	BOT	1.62	-43.70	-315.03	30.24	3.59
7(5)	7	TOP	1.86	47.08	-316.07	122.40	-5.41
	12	BOT	-1.86	-47.08	-316.07	32.97	-0.73
7(6)	7	TOP	1.86	40.34	-314.17	105.43	-5.41
	12	BOT	-1.86	-40.34	-314.17	27.71	-0.73
7(7)	7	TOP	5.03	36.44	-262.68	94.88	-11.65
	12	BOT	-5.03	-36.44	-262.68	25.38	-4.94
7(8)	7	TOP	-1.93	36.41	-262.51	94.97	2.64
	12	BOT	1.93	-36.41	-262.51	25.18	3.72
7(9)	7	TOP	1.55	39.79	-263.55	103.41	-4.51
	12	BOT	-1.55	-39.79	-263.55	27.91	-0.61
7(10)	7	TOP	1.55	33.06	-261.65	86.44	-4.51
	12	BOT	-1.55	-33.06	-261.65	22.65	-0.61
7(11)	7	TOP	5.36	60.70	-372.14	140.29	-12.06
	12	BOT	-5.36	-60.70	-372.14	60.00	-5.62
7(12)	7	TOP	-0.55	60.67	-371.99	140.37	0.09
	12	BOT	0.55	-60.67	-371.99	59.83	1.73
7(13)	7	TOP	2.40	63.54	-372.87	147.55	-5.98
	12	BOT	-2.40	-63.54	-372.87	62.15	-1.95
7(14)	7	TOP	2.40	57.82	-371.26	133.12	-5.98
	12	BOT	-2.40	-57.82	-371.26	57.68	-1.95
7(15)	7	TOP	5.05	53.41	-319.62	121.31	-11.16
	12	BOT	-5.05	-53.41	-319.62	54.95	-5.50
7(16)	7	TOP	-0.86	53.38	-319.47	121.39	1.00
	12	BOT	0.86	-53.38	-319.47	54.78	1.85
7(17)	7	TOP	2.09	56.26	-320.35	128.56	-5.08
	12	BOT	-2.09	-56.26	-320.35	57.10	-1.82
7(18)	7	TOP	2.09	50.53	-318.74	114.14	-5.08
	12	BOT	-2.09	-50.53	-318.74	52.63	-1.82
7(19)	7	TOP	32.57	52.37	-345.06	126.93	-64.47
	12	BOT	-32.57	-52.37	-345.06	45.88	-43.05
7(20)	7	TOP	-28.30	52.17	-342.61	127.54	53.07
	12	BOT	28.30	-52.17	-342.61	44.63	40.36
7(21)	7	TOP	2.14	77.79	-350.61	187.71	-5.71
	12	BOT	-2.14	-77.79	-350.61	69.24	-1.34
7(22)	7	TOP	2.13	26.75	-337.06	66.76	-5.68
	12	BOT	-2.13	-26.75	-337.06	21.26	-1.35
7(23)	7	TOP	32.22	43.65	-287.75	105.72	-63.52
	12	BOT	-32.22	-43.65	-287.75	38.34	-42.82
7(24)	7	TOP	-28.66	43.46	-285.30	106.34	54.02
	12	BOT	28.66	-43.46	-285.30	37.08	40.58
7(25)	7	TOP	1.78	69.08	-293.30	166.50	-4.76
	12	BOT	-1.78	-69.08	-293.30	61.70	-1.12
7(26)	7	TOP	1.77	18.04	-279.75	45.55	-4.73
	12	BOT	-1.77	-18.04	-279.75	13.72	-1.12

8(1)	8	TOP	-1.15	67.38	-368.90	147.94	0.96
	13	BOT	1.15	-67.38	-368.90	74.41	2.82
8(2)	8	TOP	-1.18	60.04	-318.31	128.79	1.00
	13	BOT	1.18	-60.04	-318.31	69.33	2.88
8(3)	8	TOP	3.35	44.05	-303.55	114.87	-7.15
	13	BOT	-3.35	-44.05	-303.55	30.48	-3.91
8(4)	8	TOP	-2.99	44.05	-303.55	114.87	6.64
	13	BOT	2.99	-44.05	-303.55	30.48	3.23
8(5)	8	TOP	0.18	47.41	-304.50	123.35	-0.26
	13	BOT	-0.18	-47.41	-304.50	33.11	-0.34
8(6)	8	TOP	0.18	40.68	-302.60	106.39	-0.26
	13	BOT	-0.18	-40.68	-302.60	27.86	-0.34
8(7)	8	TOP	3.32	36.70	-252.96	95.72	-7.11
	13	BOT	-3.32	-36.70	-252.96	25.40	-3.85
8(8)	8	TOP	-3.02	36.70	-252.96	95.72	6.68
	13	BOT	3.02	-36.70	-252.96	25.40	3.29
8(9)	8	TOP	0.15	40.07	-253.91	104.21	-0.21
	13	BOT	-0.15	-40.07	-253.91	28.03	-0.28
8(10)	8	TOP	0.15	33.34	-252.01	87.24	-0.22
	13	BOT	-0.15	-33.34	-252.01	22.78	-0.28
8(11)	8	TOP	1.75	63.88	-359.10	142.98	-5.08
	13	BOT	-1.75	-63.88	-359.10	67.82	-0.69
8(12)	8	TOP	-3.64	63.88	-359.10	142.98	6.64
	13	BOT	3.64	-63.88	-359.10	67.82	5.38
8(13)	8	TOP	-0.95	66.74	-359.91	150.19	0.78
	13	BOT	0.95	-66.74	-359.91	70.05	2.35
8(14)	8	TOP	-0.95	61.02	-358.29	135.77	0.78
	13	BOT	0.95	-61.02	-358.29	65.59	2.35
8(15)	8	TOP	1.72	56.54	-308.51	123.83	-5.04
	13	BOT	-1.72	-56.54	-308.51	62.74	-0.63
8(16)	8	TOP	-3.67	56.54	-308.51	123.83	6.68
	13	BOT	3.67	-56.54	-308.51	62.74	5.44
8(17)	8	TOP	-0.98	59.40	-309.31	131.04	0.82
	13	BOT	0.98	-59.40	-309.31	64.97	2.41
8(18)	8	TOP	-0.98	53.68	-307.70	116.62	0.82
	13	BOT	0.98	-53.68	-307.70	60.51	2.40
8(19)	8	TOP	27.83	54.04	-331.56	129.04	-56.27
	13	BOT	-27.83	-54.04	-331.56	49.31	-35.60
8(20)	8	TOP	-28.60	54.05	-331.56	129.04	56.80
	13	BOT	28.60	-54.05	-331.56	49.31	37.63
8(21)	8	TOP	-0.39	79.56	-338.33	189.54	0.25
	13	BOT	0.39	-79.56	-338.33	73.26	1.02
8(22)	8	TOP	-0.39	28.53	-324.78	68.54	0.28
	13	BOT	0.39	-28.53	-324.78	25.36	1.01
8(23)	8	TOP	27.89	45.04	-276.30	107.53	-56.31
	13	BOT	-27.89	-45.04	-276.30	41.09	-35.77
8(24)	8	TOP	-28.54	45.04	-276.30	107.54	56.75
	13	BOT	28.54	-45.04	-276.30	41.09	37.46
8(25)	8	TOP	-0.32	70.55	-283.07	168.04	0.21
	13	BOT	0.32	-70.55	-283.07	65.04	0.85
8(26)	8	TOP	-0.33	19.52	-269.52	47.03	0.24
	13	BOT	0.33	-19.52	-269.52	17.14	0.84

9(1)	9	TOP	-0.81	71.36	-380.40	149.98	4.01
	14	BOT	0.81	-71.36	-380.40	85.51	-1.32
9(2)	9	TOP	-0.61	64.03	-327.89	130.87	3.31
	14	BOT	0.61	-64.03	-327.89	80.42	-1.31
9(3)	9	TOP	2.23	44.00	-315.00	114.74	-2.95
	14	BOT	-2.23	-44.00	-315.00	30.46	-4.40
9(4)	9	TOP	-4.73	44.03	-315.17	114.65	11.35
	14	BOT	4.73	-44.03	-315.17	30.66	4.25
9(5)	9	TOP	-1.25	47.38	-316.03	123.17	4.20
	14	BOT	1.25	-47.38	-316.03	33.18	-0.08
9(6)	9	TOP	-1.25	40.65	-314.14	106.22	4.20
	14	BOT	1.25	-40.65	-314.14	27.94	-0.07
9(7)	9	TOP	2.44	36.66	-262.48	95.63	-3.65

	14	BOT	-2.44	-36.66	-262.48	25.36	-4.39
9(8)	9	TOP	-4.52	36.70	-262.65	95.53	10.65
	14	BOT	4.52	-36.70	-262.65	25.57	4.26
9(9)	9	TOP	-1.04	40.04	-263.52	104.06	3.50
	14	BOT	1.04	-40.04	-263.52	28.09	-0.07
9(10)	9	TOP	-1.04	33.32	-261.62	87.10	3.50
	14	BOT	1.04	-33.32	-261.62	22.84	-0.06
9(11)	9	TOP	2.08	67.25	-370.53	144.73	-2.04
	14	BOT	-2.08	-67.25	-370.53	77.18	-4.81
9(12)	9	TOP	-3.83	67.27	-370.68	144.65	10.11
	14	BOT	3.83	-67.27	-370.68	77.36	2.54
9(13)	9	TOP	-0.88	70.12	-371.41	151.90	4.04
	14	BOT	0.88	-70.12	-371.41	79.50	-1.14
9(14)	9	TOP	-0.88	64.40	-369.80	137.48	4.04
	14	BOT	0.88	-64.40	-369.80	75.04	-1.13
9(15)	9	TOP	2.28	59.91	-318.02	125.61	-2.74
	14	BOT	-2.28	-59.91	-318.02	72.09	-4.80
9(16)	9	TOP	-3.63	59.94	-318.16	125.53	9.41
	14	BOT	3.63	-59.94	-318.16	72.26	2.55
9(17)	9	TOP	-0.67	62.78	-318.89	132.78	3.34
	14	BOT	0.67	-62.78	-318.89	74.41	-1.13
9(18)	9	TOP	-0.67	57.07	-317.28	118.37	3.34
	14	BOT	0.67	-57.07	-317.28	69.95	-1.12
9(19)	9	TOP	29.38	55.64	-341.85	130.13	-54.65
	14	BOT	-29.38	-55.64	-341.85	53.48	-42.31
9(20)	9	TOP	-31.50	55.83	-344.30	129.51	62.89
	14	BOT	31.50	-55.83	-344.30	54.74	41.09
9(21)	9	TOP	-1.03	81.25	-349.85	190.35	4.08
	14	BOT	1.03	-81.25	-349.85	78.02	-0.66
9(22)	9	TOP	-1.09	30.23	-336.31	69.29	4.16
	14	BOT	1.09	-30.23	-336.31	30.20	-0.56
9(23)	9	TOP	29.55	46.35	-284.67	108.49	-55.34
	14	BOT	-29.55	-46.35	-284.67	44.46	-42.21
9(24)	9	TOP	-31.32	46.54	-287.12	107.88	62.20
	14	BOT	31.32	-46.54	-287.12	45.72	41.19
9(25)	9	TOP	-0.86	71.96	-292.67	168.71	3.39
	14	BOT	0.86	-71.96	-292.67	69.00	-0.56
9(26)	9	TOP	-0.91	20.94	-279.13	47.65	3.47
	14	BOT	0.91	-20.94	-279.13	21.18	-0.46

10(1)	10	TOP	24.34	44.61	-231.22	97.12	-51.70
	15	BOT	-24.34	-44.61	-231.22	50.09	-28.61
10(2)	10	TOP	21.75	39.61	-197.98	84.01	-45.33
	15	BOT	-21.75	-39.61	-197.98	46.69	-26.46
10(3)	10	TOP	16.19	29.97	-200.71	78.70	-42.11
	15	BOT	-16.19	-29.97	-200.71	20.20	-11.31
10(4)	10	TOP	14.78	30.04	-198.20	78.55	-34.34
	15	BOT	-14.78	-30.04	-198.20	20.58	-14.43
10(5)	10	TOP	15.45	33.36	-200.41	87.10	-38.19
	15	BOT	-15.45	-33.36	-200.41	23.01	-12.81
10(6)	10	TOP	15.51	26.64	-198.50	70.15	-38.26
	15	BOT	-15.51	-26.64	-198.50	17.77	-12.94
10(7)	10	TOP	13.61	24.97	-167.47	65.59	-35.74
	15	BOT	-13.61	-24.97	-167.47	16.80	-9.17
10(8)	10	TOP	12.20	25.04	-164.96	65.44	-27.97
	15	BOT	-12.20	-25.04	-164.96	17.19	-12.28
10(9)	10	TOP	12.87	28.36	-167.16	73.99	-31.82
	15	BOT	-12.87	-28.36	-167.16	19.61	-10.66
10(10)	10	TOP	12.93	21.64	-165.26	57.05	-31.89
	15	BOT	-12.93	-21.64	-165.26	14.37	-10.79
10(11)	10	TOP	23.61	42.39	-227.52	94.41	-52.98
	15	BOT	-23.61	-42.39	-227.52	45.47	-24.92
10(12)	10	TOP	22.41	42.45	-225.39	94.28	-46.37
	15	BOT	-22.41	-42.45	-225.39	45.80	-27.57
10(13)	10	TOP	22.98	45.27	-227.26	101.54	-49.65
	15	BOT	-22.98	-45.27	-227.26	47.86	-26.19

10(14)	10	TOP	23.03	39.56	-225.64	87.14	-49.71
	15	BOT	-23.03	-39.56	-225.64	43.41	-26.30
10(15)	10	TOP	21.03	37.39	-194.28	81.30	-46.61
	15	BOT	-21.03	-37.39	-194.28	42.07	-22.78
10(16)	10	TOP	19.83	37.45	-192.15	81.17	-40.00
	15	BOT	-19.83	-37.45	-192.15	42.40	-25.43
10(17)	10	TOP	20.40	40.27	-194.02	88.44	-43.28
	15	BOT	-20.40	-40.27	-194.02	44.46	-24.05
10(18)	10	TOP	20.45	34.56	-192.40	74.04	-43.34
	15	BOT	-20.45	-34.56	-192.40	40.01	-24.16
10(19)	10	TOP	30.11	36.03	-223.75	87.00	-77.84
	15	BOT	-30.11	-36.03	-223.75	31.91	-15.18
10(20)	10	TOP	8.45	36.49	-202.39	86.09	-10.16
	15	BOT	-8.45	-36.49	-202.39	34.33	-24.05
10(21)	10	TOP	19.06	61.77	-219.89	147.09	-43.75
	15	BOT	-19.06	-61.77	-219.89	57.00	-19.16
10(22)	10	TOP	19.49	10.76	-206.25	26.00	-44.25
	15	BOT	-19.49	-10.76	-206.25	9.24	-20.07
10(23)	10	TOP	26.90	29.99	-188.24	72.58	-70.50
	15	BOT	-26.90	-29.99	-188.24	26.39	-11.91
10(24)	10	TOP	5.23	30.45	-166.87	71.67	-2.83
	15	BOT	-5.23	-30.45	-166.87	28.81	-20.78
10(25)	10	TOP	15.85	55.72	-184.38	132.67	-36.42
	15	BOT	-15.85	-55.72	-184.38	51.48	-15.89
10(26)	10	TOP	16.28	4.71	-170.74	11.58	-36.92
	15	BOT	-16.28	-4.71	-170.74	3.72	-16.81

11(1)	11	TOP	-25.21	-39.88	-228.27	-93.59	54.25
	16	BOT	25.21	39.88	-228.27	-38.03	28.94
11(2)	11	TOP	-22.48	-34.83	-195.52	-80.52	47.45
	16	BOT	22.48	34.83	-195.52	-34.42	26.73
11(3)	11	TOP	-15.67	-30.29	-195.29	-78.55	36.92
	16	BOT	15.67	30.29	-195.29	-21.39	14.78
11(4)	11	TOP	-17.11	-30.36	-197.71	-78.30	44.68
	16	BOT	17.11	30.36	-197.71	-21.88	11.79
11(5)	11	TOP	-16.39	-26.99	-195.51	-69.91	40.80
	16	BOT	16.39	26.99	-195.51	-19.16	13.28
11(6)	11	TOP	-16.39	-33.65	-197.49	-86.94	40.80
	16	BOT	16.39	33.65	-197.49	-24.11	13.28
11(7)	11	TOP	-12.94	-25.23	-162.54	-65.48	30.12
	16	BOT	12.94	25.23	-162.54	-17.78	12.57
11(8)	11	TOP	-14.38	-25.30	-164.96	-65.23	37.88
	16	BOT	14.38	25.30	-164.96	-18.27	9.57
11(9)	11	TOP	-13.66	-21.94	-162.76	-56.84	34.00
	16	BOT	13.66	21.94	-162.76	-15.56	11.07
11(10)	11	TOP	-13.66	-28.60	-164.74	-73.87	34.00
	16	BOT	13.66	28.60	-164.74	-20.50	11.07
11(11)	11	TOP	-23.27	-38.42	-222.47	-91.42	48.93
	16	BOT	23.27	38.42	-222.47	-35.36	27.87
11(12)	11	TOP	-24.50	-38.48	-224.53	-91.21	55.52
	16	BOT	24.50	38.48	-224.53	-35.78	25.32
11(13)	11	TOP	-23.89	-35.62	-222.66	-84.08	52.23
	16	BOT	23.89	35.62	-222.66	-33.47	26.59
11(14)	11	TOP	-23.89	-41.28	-224.34	-98.55	52.23
	16	BOT	23.89	41.28	-224.34	-37.67	26.59
11(15)	11	TOP	-20.54	-33.36	-189.72	-78.35	42.13
	16	BOT	20.54	33.36	-189.72	-31.75	25.65
11(16)	11	TOP	-21.77	-33.43	-191.78	-78.14	48.72
	16	BOT	21.77	33.43	-191.78	-32.17	23.11
11(17)	11	TOP	-21.15	-30.57	-189.91	-71.01	45.43
	16	BOT	21.15	30.57	-189.91	-29.86	24.38
11(18)	11	TOP	-21.15	-36.23	-191.59	-85.48	45.43
	16	BOT	21.15	36.23	-191.59	-34.06	24.38
11(19)	11	TOP	-9.24	-34.22	-199.72	-85.77	12.79
11(20)	11	TOP	-31.84	-34.82	-228.34	-87.84	36.84

	16	BOT	31.09	34.62	-220.51	-30.18	15.40
11(21)	11	TOP	-20.17	-9.16	-203.08	-24.31	46.56
	16	BOT	20.17	9.16	-203.08	-5.66	20.00
11(22)	11	TOP	-20.17	-59.67	-217.15	-145.54	46.56
	16	BOT	20.17	59.67	-217.15	-51.66	19.99
11(23)	11	TOP	-5.88	-28.48	-164.70	-71.61	5.03
	16	BOT	5.88	28.48	-164.70	-22.37	21.26
11(24)	11	TOP	-27.73	-28.89	-185.49	-89.93	72.58
	16	BOT	27.73	28.89	-185.49	-25.40	12.07
11(25)	11	TOP	-16.81	-3.43	-168.06	-10.15	38.80
	16	BOT	16.81	3.43	-168.06	-0.88	16.67
11(26)	11	TOP	-16.81	-53.94	-182.13	-131.39	38.80
	16	BOT	16.81	53.94	-182.13	-46.88	16.66

12(1)	12	TOP	2.48	-63.09	-378.32	-143.77	-6.26
	17	BOT	-2.48	63.09	-378.32	-64.44	-1.91
12(2)	12	TOP	2.16	-55.75	-326.30	-124.81	-5.36
	17	BOT	-2.16	55.75	-326.30	-59.16	-1.79
12(3)	12	TOP	5.34	-44.04	-312.21	-113.79	-12.54
	17	BOT	-5.34	44.04	-312.21	-31.53	-5.07
12(4)	12	TOP	-1.60	-44.07	-312.02	-113.70	1.69
	17	BOT	1.60	44.07	-312.02	-31.73	3.58
12(5)	12	TOP	1.87	-40.72	-311.15	-105.25	-5.42
	17	BOT	-1.87	40.72	-311.15	-29.11	-0.75
12(6)	12	TOP	1.87	-47.39	-313.09	-122.25	-5.42
	17	BOT	-1.87	47.39	-313.09	-34.14	-0.74
12(7)	12	TOP	5.02	-36.70	-260.19	-94.84	-11.64
	17	BOT	-5.02	36.70	-260.19	-26.26	-4.95
12(8)	12	TOP	-1.91	-36.73	-260.00	-94.75	2.60
	17	BOT	1.91	36.73	-260.00	-26.45	3.70
12(9)	12	TOP	1.56	-33.37	-259.13	-86.29	-4.52
	17	BOT	-1.56	33.37	-259.13	-23.84	-0.62
12(10)	12	TOP	1.56	-40.05	-261.07	-103.29	-4.52
	17	BOT	-1.56	40.05	-261.07	-28.87	-0.62
12(11)	12	TOP	5.33	-60.22	-368.47	-139.30	-12.18
	17	BOT	-5.33	60.22	-368.47	-59.43	-5.41
12(12)	12	TOP	-0.56	-60.25	-368.31	-139.23	-0.09
	17	BOT	0.56	60.25	-368.31	-59.60	1.94
12(13)	12	TOP	2.39	-57.40	-367.57	-132.04	-6.14
	17	BOT	-2.39	57.40	-367.57	-57.38	-1.74
12(14)	12	TOP	2.38	-63.07	-369.21	-146.49	-6.13
	17	BOT	-2.38	63.07	-369.21	-61.65	-1.73
12(15)	12	TOP	5.02	-52.88	-316.45	-120.35	-11.28
	17	BOT	-5.02	52.88	-316.45	-54.16	-5.29
12(16)	12	TOP	-0.87	-52.91	-316.29	-120.27	0.82
	17	BOT	0.87	52.91	-316.29	-54.33	2.07
12(17)	12	TOP	2.07	-50.06	-315.55	-113.09	-5.23
	17	BOT	-2.07	50.06	-315.55	-52.11	-1.61
12(18)	12	TOP	2.07	-55.73	-317.19	-127.53	-5.23
	17	BOT	-2.07	55.73	-317.19	-56.38	-1.61
12(19)	12	TOP	32.50	-52.11	-341.77	-126.90	-64.35
	17	BOT	-32.50	52.11	-341.77	-45.08	-42.93
12(20)	12	TOP	-28.24	-52.31	-339.21	-126.33	52.79
	17	BOT	28.24	52.31	-339.21	-46.29	40.44
12(21)	12	TOP	2.13	-26.90	-333.57	-86.05	-5.78
	17	BOT	-2.13	26.90	-333.57	-22.44	-1.25
12(22)	12	TOP	2.13	-77.53	-347.41	-187.17	-5.78
	17	BOT	-2.13	77.53	-347.41	-68.94	-1.24
12(23)	12	TOP	32.15	-43.41	-285.02	-105.79	-63.39
	17	BOT	-32.15	43.41	-285.02	-37.47	-42.72
12(24)	12	TOP	-28.60	-43.61	-282.46	-105.23	53.75
	17	BOT	28.60	43.61	-282.46	-38.68	40.65
12(25)	12	TOP	1.77	-18.20	-276.82	-44.95	-4.82
	17	BOT	-1.77	18.20	-276.82	-14.83	-1.04
12(26)	12	TOP	1.77	-68.83	-290.66	-166.07	-4.82
	17	BOT	-1.77	68.83	-290.66	-61.32	-1.04

13(1)	13	TOP	0.44	-63.53	-366.55	-144.73	-0.40
	18	BOT	-0.44	63.53	-366.55	-64.90	-1.04
13(2)	13	TOP	0.40	-56.13	-316.46	-125.61	-0.35
	18	BOT	-0.40	56.13	-316.46	-59.61	-0.98
13(3)	13	TOP	3.35	-44.38	-300.53	-114.69	-7.13
	18	BOT	-3.35	44.38	-300.53	-31.77	-3.92
13(4)	13	TOP	-2.98	-44.38	-300.53	-114.69	6.60
	18	BOT	2.98	44.38	-300.53	-31.77	3.23
13(5)	13	TOP	0.18	-41.05	-299.56	-106.19	-0.26
	18	BOT	-0.18	41.05	-299.56	-29.26	-0.34
13(6)	13	TOP	0.18	-47.72	-301.50	-123.18	-0.26
	18	BOT	-0.18	47.72	-301.50	-34.28	-0.34
13(7)	13	TOP	3.32	-36.98	-250.44	-95.57	-7.08
	18	BOT	-3.32	36.98	-250.44	-26.47	-3.86
13(8)	13	TOP	-3.01	-36.98	-250.44	-95.57	6.65
	18	BOT	3.01	36.98	-250.44	-26.47	3.29
13(9)	13	TOP	0.15	-33.65	-249.47	-87.08	-0.22
	18	BOT	-0.15	33.65	-249.47	-23.97	-0.29
13(10)	13	TOP	0.15	-40.32	-251.41	-104.07	-0.22
	18	BOT	-0.15	40.32	-251.41	-28.98	-0.28
13(11)	13	TOP	3.09	-60.65	-356.65	-140.22	-6.21
	18	BOT	-3.09	60.65	-356.65	-59.93	-3.97
13(12)	13	TOP	-2.29	-60.65	-356.65	-140.22	5.46
	18	BOT	2.29	60.65	-356.65	-59.93	2.11
13(13)	13	TOP	0.40	-57.82	-355.82	-133.00	-0.38
	18	BOT	-0.40	57.82	-355.82	-57.80	-0.93
13(14)	13	TOP	0.40	-63.49	-357.47	-147.44	-0.38
	18	BOT	-0.40	63.49	-357.47	-62.07	-0.93
13(15)	13	TOP	3.06	-53.26	-306.56	-121.11	-6.17
	18	BOT	-3.06	53.26	-306.56	-54.64	-3.92
13(16)	13	TOP	-2.32	-53.26	-306.56	-121.11	5.50
	18	BOT	2.32	53.26	-306.56	-54.64	2.16
13(17)	13	TOP	0.37	-50.42	-305.74	-113.89	-0.34
	18	BOT	-0.37	50.42	-305.74	-52.51	-0.88
13(18)	13	TOP	0.37	-56.09	-307.39	-128.33	-0.33
	18	BOT	-0.37	56.09	-307.39	-56.77	-0.87
13(19)	13	TOP	28.46	-52.59	-328.83	-127.56	-56.66
	18	BOT	-28.46	52.59	-328.83	-45.97	-37.30
13(20)	13	TOP	-27.88	-52.58	-328.83	-127.56	56.02
	18	BOT	27.88	52.58	-328.83	-45.97	36.02
13(21)	13	TOP	0.29	-27.28	-321.90	-66.98	-0.32
	18	BOT	-0.29	27.28	-321.90	-22.77	-0.64
13(22)	13	TOP	0.29	-77.89	-335.75	-188.15	-0.32
	18	BOT	-0.29	77.89	-335.75	-69.17	-0.64
13(23)	13	TOP	28.41	-43.82	-274.02	-106.30	-56.60
	18	BOT	-28.41	43.82	-274.02	-38.31	-37.19
13(24)	13	TOP	-27.93	-43.82	-274.02	-106.30	56.07
	18	BOT	27.93	43.82	-274.02	-38.31	36.12
13(25)	13	TOP	0.24	-18.51	-267.10	-45.72	-0.27
	18	BOT	-0.24	18.51	-267.10	-15.11	-0.54
13(26)	13	TOP	0.24	-69.13	-280.95	-166.89	-0.27
	18	BOT	-0.24	69.13	-280.95	-61.51	-0.53

14(1)	14	TOP	-3.61	-60.75	-378.71	-142.56	6.14
	19	BOT	3.61	60.75	-378.71	-57.92	5.76
14(2)	14	TOP	-3.40	-53.38	-326.76	-123.53	5.44
	19	BOT	3.40	53.38	-326.76	-52.63	5.78
14(3)	14	TOP	2.21	-44.24	-311.61	-114.15	-2.90
	19	BOT	-2.21	44.24	-311.61	-31.85	-4.39
14(4)	14	TOP	-4.72	-44.21	-311.80	-114.23	11.33
	19	BOT	4.72	44.21	-311.80	-31.65	4.26
14(5)	14	TOP	-1.26	-40.89	-310.74	-105.70	4.22
	19	BOT	1.26	40.89	-310.74	-29.24	-0.06
14(6)	14	TOP	-1.25	-47.56	-312.67	-122.68	4.21
	19	BOT	1.25	47.56	-312.67	-34.25	-0.07

14(7)	14	TOP	2.42	-36.87	-259.66	-95.11	-3.60
	19	BOT	-2.42	36.87	-259.66	-26.55	-4.38
14(8)	14	TOP	-4.52	-36.84	-259.85	-95.20	10.63
	19	BOT	4.52	36.84	-259.85	-26.36	4.27
14(9)	14	TOP	-1.05	-33.52	-258.79	-86.67	3.52
	19	BOT	1.05	33.52	-258.79	-23.95	-0.05
14(10)	14	TOP	-1.05	-40.19	-260.72	-103.65	3.51
	19	BOT	1.05	40.19	-260.72	-28.96	-0.06
14(11)	14	TOP	-0.31	-58.29	-368.58	-138.27	-0.19
	19	BOT	0.31	58.29	-368.58	-54.08	1.21
14(12)	14	TOP	-6.20	-58.26	-368.74	-138.34	11.90
	19	BOT	6.20	58.26	-368.74	-53.91	8.57
14(13)	14	TOP	-3.26	-55.44	-367.83	-131.09	5.86
	19	BOT	3.26	55.44	-367.83	-51.87	4.90
14(14)	14	TOP	-3.25	-61.11	-369.48	-145.52	5.85
	19	BOT	3.25	61.11	-369.48	-56.13	4.88
14(15)	14	TOP	-0.10	-50.92	-316.63	-119.24	-0.90
	19	BOT	0.10	50.92	-316.63	-48.79	1.22
14(16)	14	TOP	-5.99	-50.89	-316.79	-119.31	11.20
	19	BOT	5.99	50.89	-316.79	-48.62	8.58
14(17)	14	TOP	-3.05	-48.07	-315.88	-112.06	5.15
	19	BOT	3.05	48.07	-315.88	-46.57	4.91
14(18)	14	TOP	-3.04	-53.74	-317.53	-126.49	5.15
	19	BOT	3.04	53.74	-317.53	-50.84	4.90
14(19)	14	TOP	28.11	-51.41	-339.14	-126.07	-53.53
	19	BOT	-28.11	51.41	-339.14	-43.57	-39.25
14(20)	14	TOP	-32.64	-51.21	-341.70	-126.63	63.61
	19	BOT	32.64	51.21	-341.70	-42.36	44.12
14(21)	14	TOP	-2.29	-26.00	-333.51	-65.73	5.07
	19	BOT	2.29	26.00	-333.51	-19.80	2.48
14(22)	14	TOP	-2.24	-76.61	-347.33	-186.97	5.02
	19	BOT	2.24	76.61	-347.33	-66.13	2.38
14(23)	14	TOP	28.40	-42.86	-282.41	-105.01	-54.37
	19	BOT	-28.40	42.86	-282.41	-36.41	-39.66
14(24)	14	TOP	-32.26	-42.66	-284.96	-105.57	62.77
	19	BOT	32.26	42.66	-284.96	-55.20	43.71
14(25)	14	TOP	-1.91	-17.45	-276.77	-44.67	4.23
	19	BOT	1.91	17.45	-276.77	-12.64	2.08
14(26)	14	TOP	-1.86	-68.06	-290.60	-165.91	4.17
	19	BOT	1.86	68.06	-290.60	-58.97	1.98

15(1)	15	TOP	25.97	-38.08	-230.40	-92.93	-52.44
	20	BOT	-25.97	38.08	-230.40	-32.73	-33.25
15(2)	15	TOP	23.38	-33.00	-197.46	-79.78	-46.07
	20	BOT	-23.38	33.00	-197.46	-29.10	-31.10
15(3)	15	TOP	16.21	-30.53	-198.82	-78.76	-42.12
	20	BOT	-16.21	30.53	-198.82	-22.00	-11.37
15(4)	15	TOP	14.76	-30.46	-196.40	-79.01	-34.36
	20	BOT	-14.76	30.46	-196.40	-21.51	-14.36
15(5)	15	TOP	15.52	-27.18	-196.62	-70.39	-38.28
	20	BOT	-15.52	27.18	-196.62	-19.30	-12.92
15(6)	15	TOP	15.46	-33.82	-198.60	-87.39	-38.20
	20	BOT	-15.46	33.82	-198.60	-24.21	-12.80
15(7)	15	TOP	13.63	-25.45	-165.89	-65.61	-35.75
	20	BOT	-13.63	25.45	-165.89	-18.37	-9.22
15(8)	15	TOP	12.18	-25.38	-163.47	-65.87	-27.99
	20	BOT	-12.18	25.38	-163.47	-17.89	-12.21
15(9)	15	TOP	12.93	-22.09	-163.69	-57.24	-31.91
	20	BOT	-12.93	22.09	-163.69	-15.67	-10.78
15(10)	15	TOP	12.87	-28.73	-165.67	-74.24	-31.83
	20	BOT	-12.87	28.73	-165.67	-20.59	-10.66
15(11)	15	TOP	25.01	-36.97	-226.51	-90.72	-53.61
	20	BOT	-25.01	36.97	-226.51	-31.29	-28.92
15(12)	15	TOP	23.78	-36.91	-224.45	-90.93	-47.01
	20	BOT	-23.78	36.91	-224.45	-30.88	-31.46
15(13)	15	TOP	24.42	-34.12	-224.64	-83.60	-50.34

	20	BOT	-24.42	34.12	-224.64	-29.00	-30.24
15(14)	15	TOP	24.37	-39.76	-226.32	-98.05	-50.28
	20	BOT	-24.37	39.76	-226.32	-33.17	-30.14
15(15)	15	TOP	22.43	-31.89	-193.57	-77.57	-47.23
	20	BOT	-22.43	31.89	-193.57	-27.67	-26.77
15(16)	15	TOP	21.20	-31.83	-191.52	-77.78	-40.64
	20	BOT	-21.20	31.83	-191.52	-27.25	-29.32
15(17)	15	TOP	21.84	-29.04	-191.70	-70.45	-43.97
	20	BOT	-21.84	29.04	-191.70	-25.37	-28.10
15(18)	15	TOP	21.79	-34.68	-193.39	-84.90	-43.90
	20	BOT	-21.79	34.68	-193.39	-29.55	-27.99
15(19)	15	TOP	30.91	-33.95	-222.06	-84.06	-78.11
	20	BOT	-30.91	33.95	-222.06	-27.97	-17.00
15(20)	15	TOP	9.05	-33.55	-201.27	-85.75	-10.54
	20	BOT	-9.05	33.55	-201.27	-24.95	-26.20
15(21)	15	TOP	20.18	-8.51	-204.60	-24.18	-44.58
	20	BOT	-20.18	8.51	-204.60	-3.62	-22.01
15(22)	15	TOP	19.78	-58.98	-218.73	-145.64	-44.07
	20	BOT	-19.78	58.98	-218.73	-49.29	-21.19
15(23)	15	TOP	27.58	-28.32	-186.78	-69.91	-70.72
	20	BOT	-27.58	28.32	-186.78	-23.56	-13.40
15(24)	15	TOP	5.72	-27.92	-165.99	-71.60	-3.16
	20	BOT	-5.72	27.92	-165.99	-20.54	-22.60
15(25)	15	TOP	16.85	-2.89	-169.32	-10.02	-37.19
	20	BOT	-16.85	2.89	-169.32	0.78	-18.41
15(26)	15	TOP	16.45	-53.36	-183.45	-131.49	-36.68
	20	BOT	-16.45	53.36	-183.45	-44.88	-17.59

16(1)	16	TOP	-21.27	43.20	-185.67	102.61	43.69
	21	BOT	21.27	-43.20	-185.67	39.95	26.51
16(2)	16	TOP	-18.96	37.54	-158.37	88.20	37.96
	21	BOT	18.96	-37.54	-158.37	35.69	24.62
16(3)	16	TOP	-13.08	33.86	-162.45	86.36	30.53
	21	BOT	13.08	-33.86	-162.45	25.39	12.63
16(4)	16	TOP	-14.63	34.03	-165.04	86.51	38.28
	21	BOT	14.63	-34.03	-165.04	25.77	9.99
16(5)	16	TOP	-13.87	37.34	-165.81	93.89	34.42
	21	BOT	13.87	-37.34	-165.81	29.32	11.35
16(6)	16	TOP	-13.84	30.55	-161.68	78.98	34.39
	21	BOT	13.84	-30.55	-161.68	21.85	11.27
16(7)	16	TOP	-10.77	28.21	-135.16	71.95	24.80
	21	BOT	10.77	-28.21	-135.16	21.13	10.75
16(8)	16	TOP	-12.32	28.37	-137.75	72.11	32.54
	21	BOT	12.32	-28.37	-137.75	21.51	8.11
16(9)	16	TOP	-11.56	31.68	-138.52	79.48	28.69
	21	BOT	11.56	-31.68	-138.52	25.05	9.47
16(10)	16	TOP	-11.53	24.90	-134.39	64.57	28.66
	21	BOT	11.53	-24.90	-134.39	17.59	9.38
16(11)	16	TOP	-19.50	41.74	-181.28	100.11	39.01
	21	BOT	19.50	-41.74	-181.28	37.63	25.35
16(12)	16	TOP	-20.82	41.88	-183.48	100.25	45.59
	21	BOT	20.82	-41.88	-183.48	37.96	23.11
16(13)	16	TOP	-20.17	44.69	-184.13	106.52	42.31
	21	BOT	20.17	-44.69	-184.13	40.97	24.26
16(14)	16	TOP	-20.15	38.93	-180.62	93.84	42.29
	21	BOT	20.15	-38.93	-180.62	34.62	24.19
16(15)	16	TOP	-17.19	36.08	-153.99	85.71	33.27
	21	BOT	17.19	-36.08	-153.99	33.37	23.46
16(16)	16	TOP	-18.51	36.22	-156.19	85.84	39.86
	21	BOT	18.51	-36.22	-156.19	33.69	21.22
16(17)	16	TOP	-17.87	39.04	-156.84	92.11	36.58
	21	BOT	17.87	-39.04	-156.84	36.70	22.38
16(18)	16	TOP	-17.84	33.27	-153.33	79.44	36.55
	21	BOT	17.84	-33.27	-153.33	30.36	22.31
16(19)	16	TOP	-5.76	-37.47	-162.15	93.98	23.62
	21	BOT	5.76	37.47	-162.15	30.58	23.62

16(20)	16	TOP	-28.31	38.35	-184.13	93.65	72.15
	21	BOT	28.31	-38.35	-184.13	32.91	12.62
16(21)	16	TOP	-17.16	63.21	-187.82	146.30	38.52
	21	BOT	17.16	-63.21	-187.82	62.40	18.09
16(22)	16	TOP	-16.91	12.61	-158.46	40.43	38.25
	21	BOT	16.91	-12.61	-158.46	1.08	17.56
16(23)	16	TOP	-2.92	31.15	-133.29	77.52	-1.78
	21	BOT	2.92	-31.15	-133.29	25.29	20.06
16(24)	16	TOP	-25.47	32.03	-155.27	78.09	65.75
	21	BOT	25.47	-32.03	-155.27	27.62	9.65
16(25)	16	TOP	-14.32	56.89	-158.96	130.74	32.13
	21	BOT	14.32	-56.89	-158.96	57.11	15.12
16(26)	16	TOP	-14.07	6.29	-129.60	24.87	31.85
	21	BOT	14.07	-6.29	-129.60	-4.21	14.59

17(1)	17	TOP	2.14	65.58	-313.82	151.62	-5.14
	22	BOT	-2.14	-65.58	-313.82	64.78	-1.93
17(2)	17	TOP	1.86	57.68	-268.79	131.59	-4.33
	22	BOT	-1.86	-57.68	-268.79	58.77	-1.81
17(3)	17	TOP	5.13	47.38	-270.26	120.18	-11.86
	22	BOT	-5.13	-47.38	-270.26	36.18	-5.06
17(4)	17	TOP	-1.76	47.32	-270.07	120.24	2.24
	22	BOT	1.76	-47.32	-270.07	35.92	3.58
17(5)	17	TOP	1.68	50.60	-272.20	127.58	-4.81
	22	BOT	-1.68	-50.60	-272.20	39.40	-0.74
17(6)	17	TOP	1.68	44.11	-268.13	112.84	-4.81
	22	BOT	-1.68	-44.11	-268.13	32.70	-0.74
17(7)	17	TOP	4.85	39.49	-225.23	100.14	-11.06
	22	BOT	-4.85	-39.49	-225.23	30.18	-4.94
17(8)	17	TOP	-2.04	39.43	-225.05	100.21	3.04
	22	BOT	2.04	-39.43	-225.05	29.92	3.70
17(9)	17	TOP	1.40	42.71	-227.18	107.54	-4.00
	22	BOT	-1.40	-42.71	-227.18	33.39	-0.62
17(10)	17	TOP	1.40	36.21	-223.10	92.81	-4.01
	22	BOT	-1.40	-36.21	-223.10	26.70	-0.62
17(11)	17	TOP	5.00	62.87	-307.35	146.88	-11.08
	22	BOT	-5.00	-62.87	-307.35	60.58	-5.43
17(12)	17	TOP	-0.86	62.82	-307.19	146.94	0.91
	22	BOT	0.86	-62.82	-307.19	60.36	1.92
17(13)	17	TOP	2.07	65.60	-309.00	153.17	-5.08
	22	BOT	-2.07	-65.60	-309.00	63.32	-1.75
17(14)	17	TOP	2.07	60.08	-305.54	140.65	-5.09
	22	BOT	-2.07	-60.08	-305.54	57.62	-1.76
17(15)	17	TOP	4.72	54.97	-262.32	126.85	-10.28
	22	BOT	-4.72	-54.97	-262.32	54.57	-5.31
17(16)	17	TOP	-1.14	54.93	-262.16	126.90	1.71
	22	BOT	1.14	-54.93	-262.16	54.35	2.04
17(17)	17	TOP	-1.79	57.71	-263.97	133.14	-4.28
	22	BOT	1.79	-57.71	-263.97	57.31	-1.63
17(18)	17	TOP	1.79	52.19	-260.51	120.61	-4.29
	22	BOT	-1.79	-52.19	-260.51	51.61	-1.63
17(19)	17	TOP	32.13	55.32	-290.15	133.41	-63.11
	22	BOT	-32.13	-55.32	-290.15	49.16	-42.94
17(20)	17	TOP	-28.37	55.00	-287.60	133.94	53.21
	22	BOT	28.37	-55.00	-287.60	47.57	40.43
17(21)	17	TOP	1.84	79.56	-303.39	186.08	-4.86
	22	BOT	-1.84	-79.56	-303.39	76.61	-1.20
17(22)	17	TOP	1.92	30.76	-274.36	81.26	-5.04
	22	BOT	-1.92	-30.76	-274.36	20.12	-1.31
17(23)	17	TOP	31.81	46.13	-242.01	111.13	-62.28
	22	BOT	-31.81	-46.13	-242.01	41.09	-42.73
17(24)	17	TOP	-28.68	45.81	-239.45	111.66	54.03
	22	BOT	28.68	-45.81	-239.45	39.51	40.64
17(25)	17	TOP	1.52	70.37	-255.24	163.81	-4.03
17(26)	17	TOP	-1.82	-79.37	-255.24	58.55	-9.07

	22	BOT	-1.61	-21.57	-226.22	12.06	-1.10
18(1)	18	TOP	0.47	66.38	-304.44	153.39	-0.44
	23	BOT	-0.47	-66.38	-304.44	65.67	-1.11
18(2)	18	TOP	0.44	58.40	-261.10	133.10	-0.40
	23	BOT	-0.44	-58.40	-261.10	59.61	-1.05
18(3)	18	TOP	3.34	47.90	-260.03	121.71	-7.07
	23	BOT	-3.34	-47.90	-260.03	36.37	-3.94
18(4)	18	TOP	-2.96	47.90	-260.03	121.71	6.52
	23	BOT	2.96	-47.90	-260.03	36.37	3.25
18(5)	18	TOP	0.19	51.15	-262.07	129.08	-0.28
	23	BOT	-0.19	-51.15	-262.07	39.72	-0.35
18(6)	18	TOP	0.19	44.65	-257.98	114.34	-0.28
	23	BOT	-0.19	-44.65	-257.98	33.01	-0.34
18(7)	18	TOP	3.31	39.92	-216.69	101.42	-7.03
	23	BOT	-3.31	-39.92	-216.69	30.31	-3.88
18(8)	18	TOP	-2.99	39.92	-216.69	101.42	6.56
	23	BOT	2.99	-39.92	-216.69	30.31	3.31
18(9)	18	TOP	0.16	43.17	-218.73	108.79	-0.24
	23	BOT	-0.16	-43.17	-218.73	33.66	-0.29
18(10)	18	TOP	0.16	36.67	-214.64	94.05	-0.23
	23	BOT	-0.16	-36.67	-214.64	26.95	-0.28
18(11)	18	TOP	3.10	63.61	-297.77	148.63	-6.19
	23	BOT	-3.10	-63.61	-297.77	61.28	-4.05
18(12)	18	TOP	-2.25	63.61	-297.78	148.64	5.36
	23	BOT	2.25	-63.61	-297.78	61.28	2.06
18(13)	18	TOP	0.43	66.37	-299.51	154.90	-0.42
	23	BOT	-0.43	-66.37	-299.51	64.13	-0.99
18(14)	18	TOP	0.43	60.85	-296.04	142.37	-0.41
	23	BOT	-0.43	-60.85	-296.04	58.42	-0.99
18(15)	18	TOP	3.07	55.63	-254.44	128.35	-6.15
	23	BOT	-3.07	-55.63	-254.44	55.21	-3.99
18(16)	18	TOP	-2.28	55.63	-254.44	128.35	5.40
	23	BOT	2.28	-55.63	-254.44	55.21	2.12
18(17)	18	TOP	0.40	58.39	-256.18	134.61	-0.37
	23	BOT	-0.40	-58.39	-256.18	58.07	-0.94
18(18)	18	TOP	0.39	52.86	-252.70	122.09	-0.37
	23	BOT	-0.39	-52.86	-252.70	52.36	-0.93
18(19)	18	TOP	28.39	55.82	-279.06	135.28	-56.25
	23	BOT	-28.39	-55.82	-279.06	48.92	-37.46
18(20)	18	TOP	-27.77	55.82	-279.06	135.29	55.55
	23	BOT	27.77	-55.82	-279.06	48.93	36.12
18(21)	18	TOP	0.29	80.25	-293.64	187.75	-0.30
	23	BOT	-0.29	-80.25	-293.64	77.21	-0.65
18(22)	18	TOP	0.33	31.39	-264.48	82.82	-0.40
	23	BOT	-0.33	-31.39	-264.48	20.64	-0.69
18(23)	18	TOP	28.33	46.52	-232.55	112.74	-56.19
	23	BOT	-28.33	-46.52	-232.55	40.77	-37.35
18(24)	18	TOP	-27.82	46.52	-232.55	112.74	55.61
	23	BOT	27.82	-46.52	-232.55	40.77	36.23
18(25)	18	TOP	0.24	70.95	-247.13	165.20	-0.24
	23	BOT	-0.24	-70.95	-247.13	69.06	-0.54
18(26)	18	TOP	0.28	22.09	-217.97	60.27	-0.34
	23	BOT	-0.28	-22.09	-217.97	12.48	-0.58
19(1)	19	TOP	-3.33	63.46	-313.20	151.07	5.09
	24	BOT	3.33	-63.46	-313.20	58.34	5.90
19(2)	19	TOP	-3.15	55.53	-268.22	130.95	4.47
	24	BOT	3.15	-55.53	-268.22	52.31	5.91
19(3)	19	TOP	2.34	47.51	-269.82	120.72	-3.35
	24	BOT	-2.34	-47.51	-269.82	36.06	-4.38
19(4)	19	TOP	-4.55	47.57	-270.01	120.66	10.75
	24	BOT	4.55	-47.57	-270.01	36.33	4.27
19(5)	19	TOP	-1.09	50.78	-271.95	128.05	3.68
	24	BOT	1.09	-50.78	-271.95	39.54	-0.08
19(6)	19	TOP	-1.12	44.30	-267.88	113.33	3.72

	24	BOT	1.12	-44.30	-267.88	32.85	-0.03
19(7)	19	TOP	2.53	39.59	-224.84	100.61	-3.97
	24	BOT	-2.53	-39.59	-224.84	30.03	-4.37
19(8)	19	TOP	-4.37	39.65	-225.02	100.54	10.13
	24	BOT	4.37	-39.65	-225.02	30.29	4.28
19(9)	19	TOP	-0.91	42.86	-226.96	107.94	3.06
	24	BOT	0.91	-42.86	-226.96	33.50	-0.07
19(10)	19	TOP	-0.93	36.37	-222.90	93.21	3.10
	24	BOT	0.93	-36.37	-222.90	26.82	-0.02
19(11)	19	TOP	-0.07	61.04	-306.63	146.54	-1.11
	24	BOT	0.07	-61.04	-306.63	54.91	1.34
19(12)	19	TOP	-5.93	61.09	-306.79	146.48	10.87
	24	BOT	5.93	-61.09	-306.79	55.13	8.68
19(13)	19	TOP	-2.99	63.83	-308.44	152.77	4.87
	24	BOT	2.99	-63.83	-308.44	57.86	4.99
19(14)	19	TOP	-3.01	58.31	-304.98	140.25	4.90
	24	BOT	3.01	-58.31	-304.98	52.18	5.03
19(15)	19	TOP	0.12	53.12	-261.64	126.42	-1.73
	24	BOT	-0.12	-53.12	-261.64	48.88	1.35
19(16)	19	TOP	-5.74	53.17	-261.80	126.37	10.26
	24	BOT	5.74	-53.17	-261.80	49.10	8.69
19(17)	19	TOP	-2.80	55.90	-263.45	132.65	4.25
	24	BOT	2.80	-55.90	-263.45	51.83	5.00
19(18)	19	TOP	-2.83	50.39	-260.00	120.14	4.28
	24	BOT	2.83	-50.39	-260.00	46.15	5.04
19(19)	19	TOP	28.19	54.20	-287.19	133.97	-53.86
	24	BOT	-28.19	-54.20	-287.19	44.89	-39.18
19(20)	19	TOP	-32.31	54.52	-289.75	133.44	62.45
	24	BOT	32.31	-54.52	-289.75	46.48	44.18
19(21)	19	TOP	-2.00	78.76	-302.95	186.18	4.24
	24	BOT	2.00	-78.76	-302.95	73.88	2.38
19(22)	19	TOP	-2.11	29.96	-273.98	81.24	4.35
	24	BOT	2.11	-29.96	-273.98	17.50	2.62
19(23)	19	TOP	28.53	45.14	-239.11	111.69	-54.58
	24	BOT	-28.53	-45.14	-239.11	37.28	-39.60
19(24)	19	TOP	-31.96	45.46	-241.67	111.16	61.74
	24	BOT	31.96	-45.46	-241.67	38.87	43.77
19(25)	19	TOP	-1.66	69.70	-254.87	163.89	3.52
	24	BOT	1.66	-69.70	-254.87	66.26	1.96
19(26)	19	TOP	-1.77	20.90	-225.90	58.95	3.63
	24	BOT	1.77	-20.90	-225.90	9.88	2.21

20(1)	20	TOP	22.37	41.46	-186.90	102.16	-42.60
	25	BOT	-22.37	-41.46	-186.90	34.67	-31.21
20(2)	20	TOP	20.17	35.78	-159.44	87.69	-37.19
	25	BOT	-20.17	-35.78	-159.44	30.38	-29.36
20(3)	20	TOP	13.97	34.17	-166.04	86.89	-36.34
	25	BOT	-13.97	-34.17	-166.04	25.89	-9.77
20(4)	20	TOP	12.43	34.01	-163.45	86.73	-28.60
	25	BOT	-12.43	-34.01	-163.45	25.51	-12.41
20(5)	20	TOP	13.16	37.47	-166.81	94.25	-32.41
	25	BOT	-13.16	-37.47	-166.81	29.41	-11.02
20(6)	20	TOP	13.24	30.71	-162.68	79.37	-32.53
	25	BOT	-13.24	-30.71	-162.68	21.98	-11.16
20(7)	20	TOP	11.77	28.49	-138.58	72.42	-30.93
	25	BOT	-11.77	-28.49	-138.58	21.61	-7.92
20(8)	20	TOP	10.23	28.33	-135.99	72.26	-23.19
	25	BOT	-10.23	-28.33	-135.99	21.22	-10.57
20(9)	20	TOP	10.96	31.79	-139.35	79.78	-27.00
	25	BOT	-10.96	-31.79	-139.35	25.13	-9.17
20(10)	20	TOP	11.04	25.03	-135.22	64.90	-27.12
	25	BOT	-11.04	-25.03	-135.22	17.70	-9.32
20(11)	20	TOP	21.65	40.43	-184.67	99.93	-44.38
	25	BOT	-21.65	-40.43	-184.67	33.48	-27.07
20(12)	20	TOP	20.34	40.28	-182.48	99.78	-33.32
	25	BOT	-20.34	-40.28	-182.48	33.18	-23.32

20(13)	20	TOP	20.96	43.23	-185.33	106.19	-41.04
	25	BOT	-20.96	-43.23	-185.33	36.48	-28.13
20(14)	20	TOP	21.03	37.48	-181.82	93.53	-41.13
	25	BOT	-21.03	-37.48	-181.82	30.16	-28.26
20(15)	20	TOP	19.45	34.74	-157.22	85.46	-38.96
	25	BOT	-19.45	-34.74	-157.22	29.20	-25.22
20(16)	20	TOP	18.14	34.61	-155.02	85.33	-32.38
	25	BOT	-18.14	-34.61	-155.02	28.87	-27.47
20(17)	20	TOP	18.76	37.55	-157.87	91.72	-35.62
	25	BOT	-18.76	-37.55	-157.87	32.20	-26.28
20(18)	20	TOP	18.83	31.80	-154.36	79.06	-35.72
	25	BOT	-18.83	-31.80	-154.36	25.88	-26.41
20(19)	20	TOP	28.40	37.69	-185.23	93.67	-70.57
	25	BOT	-28.40	-37.69	-185.23	30.71	-14.52
20(20)	20	TOP	5.86	36.81	-163.25	93.11	-3.06
	25	BOT	-5.86	-36.81	-163.25	28.37	-24.91
20(21)	20	TOP	16.85	62.54	-188.97	146.42	-36.36
	25	BOT	-16.85	-62.54	-188.97	60.08	-19.23
20(22)	20	TOP	17.41	11.96	-159.51	40.36	-37.27
	25	BOT	-17.41	-11.96	-159.51	-1.00	-20.20
20(23)	20	TOP	25.54	31.48	-156.19	78.11	-64.43
	25	BOT	-25.54	-31.48	-156.19	25.79	-11.24
20(24)	20	TOP	3.01	30.60	-134.21	77.54	3.07
	25	BOT	-3.01	-30.60	-134.21	23.45	-21.62
20(25)	20	TOP	13.99	56.33	-159.93	130.86	-30.23
	25	BOT	-13.99	-56.33	-159.93	55.16	-15.95
20(26)	20	TOP	14.56	5.75	-130.47	24.79	-31.13
	25	BOT	-14.56	-5.75	-130.47	-5.92	-16.91
