

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

SCIENCE AND TECHNOLOGY COMMISSION OF
SHANGHAI MUNICIPAL PEOPLE'S GOVERNMENT,
PEOPLE'S REPUBLIC OF CHINA

**DETAILED DESIGN
OF
SHANGHAI PUDONG INTERNATIONAL
AIRPORT
FINAL REPORT**

**VOLUME IV
APPENDICES**

**PART IV
FIRE FIGHTING AND RESCUE FACILITIES**

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SEPTEMBER 1997

**NIPPON KOEI CO., LTD.
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VOLUME IV APPENDICES
PART IV FIRE FIGHTING AND RESCUE FACILITIES

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<設計計算書>

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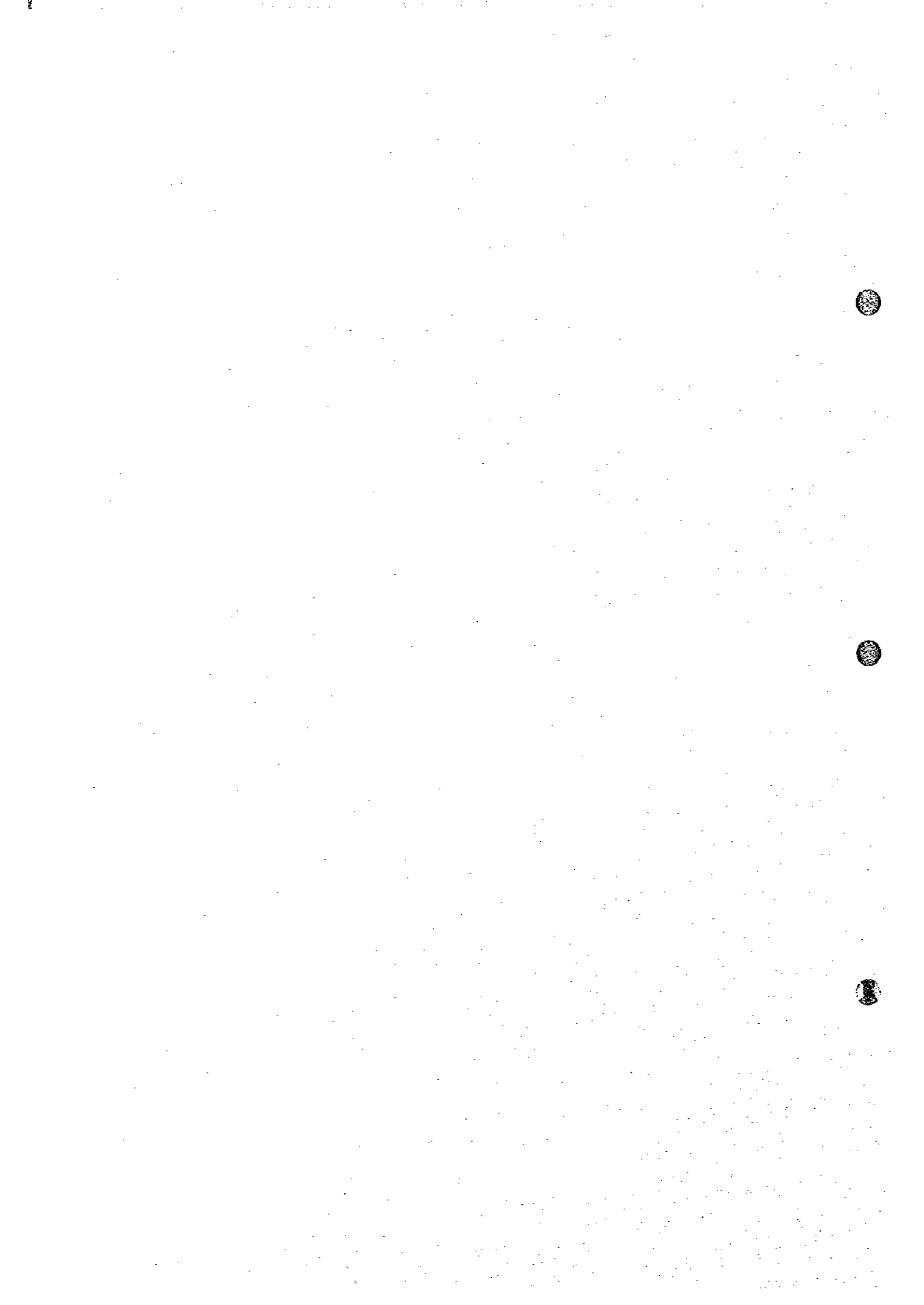
・消防本所	工事費積算
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<設計計算書>



・消防本所 構造計算書



Calculation Book

I. Name of Project: Shaihai Pudong Airport Main Fire Station

II. Seismic intensity: 7

III. Frame seismic grade: 3

IV. Structure importance parameter: $R_0=1.0$

V. Site soil type: IV

VI. Soil endurance: $R=90\text{KPa}$

VII. Foundation load-bearing layer elevation:

VIII. Materials: column -- C30 beam board -- C30

Load:

1. Living load:

floor 2.5KN/m²

roof 1.5KN/m²

2. Static load:

structure layer (110mm) 2.75KN/m²

3. Wind load: 0.55 KN/m²

X. Selection of main members

1. Column: 400x400mm 500x500mm

2. Main beam

bxh=250x450mm

bxh=250x600mm

bxh=300x600mm

bxh=300x650mm

bxh=400x950mm

Secondary beam

bxh=200x400mm

XI. Design basis

1. Current national architecture & structure standards and codes;
2. Shanghai City's << Base Foundation Design Codes >> DBJ08--11--89;
3. Shanghai City's << Base Treatment Technical Codes >> DBJ08--40--94;
4. Shanghai City's << Building Anti-seismic Design Standards >> DBJ08--09--92;

XII. Computer programs

China Building Science Research Institute CAD Engineering Department

PMCAD August, 1996

PK August, 1996

JCCAD August, 1996

XIII. Conclusion:

It is concluded from calculation above, the integral strength and deformation of structure meet the design requirements, the geometric dimensions also meet the requirements of strength and deformation regulated by Codes. The primary data of structural model, major calculation results, combining results of main internal forces of each member, structural layout, internal force drawing, reinforcing results of major members refer the next page, based on which construction drawings are made.

```

*****
*                               Output of Floors Mass and Center                               *
*                               TAT-M.OUT                               No.1                               *
* -----*
*                               Symbols:
* No. --- Number of floor
* Tower --- Number of tower
* Weight --- Total weight of floor(kN)
*           (selfweight of structure + slab loading + loading)
* Mass --- Total mass of each floor(kg)(Weight/10.)
* X,Y-Center --- Coordinate of mass center(m)
* Ver-Load --- Total load of loading floor(kN)
*           (excluding selfweight of beam/column/wall)
* R-Mass --- Total rotation mass of floor(t*m2)
* X,Y-Wind --- Wind force in X,Y direction(kN)
* X,Y-D --- Eccentricity between point of wind and mass center(m)
* X,Y-Wind-V --- Shear of each floor by wind force(kN)
* X,Y-Wind-M --- Moment of each floor by wind force(kN-m)
* hh --- Height of each floor(m)
*****

```

Flr	Tower	Weight (kN)	F-Weight (kN)	Mass (t)	X-Center (m)	Y-Center (m)	Ver-Load (kN)	R-Mass (t*m2)
2	1	6426.4	6426.	642.6	0.9	10.9	4901.2	92235.
1	1	10593.9	17020.	1059.4	1.1	11.0	8615.1	148192.

```

Total Vertical Loads =          13516. (kN)
Total Structure Weight =        17020. (kN)
Total Mass =                    1702.0 (t)

```

Flr	Tower	X-Wind (kN)	X-D (m)	X-Wind-V (kN)	X-Wind-M (kN-m)	hh (m)
2	1	33.06	0.05	33.06	109.1	3.30
1	1	75.43	-0.02	108.49	789.4	6.27

Flr	Tower	Y-Wind (kN)	Y-D (m)	Y-Wind-V (kN)	Y-Wind-M (kN-m)	hh (m)
2	1	64.97	0.19	64.97	214.4	3.30
1	1	148.21	-0.06	213.17	1551.0	6.27

```

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

```

```
=====
```

The Vibration of X-Direction

X-Direction Period (Second)

T1 = 0.9099 (s) T2 = 0.1827 (s)

The Vibration Modes-X & Earthquake Forces-X

No	Nt	Mode 1	Force 1 (kN)	Mode 2	Force 2 (kN)
2	1	1.0000	421.49	-1.0000	-56.39
1	1	0.8288	575.88	0.7319	68.03

```
-----
Qox = 997.439 (kN) Qox/Ge = 5.86%
Mox = 7645.260 (kN-m)
-----
```

The Vibration of Y-Direction

Y-Direction Period (Second)

T1 = 0.7325 (s) T2 = 0.1570 (s)

The Vibration Modes-Y & Earthquake Forces-Y

No	Nt	Mode 1	Force 1 (kN)	Mode 2	Force 2 (kN)
2	1	1.0000	516.68	-1.0000	-61.26
1	1	0.8142	693.50	0.7450	75.23

```
-----
```

Qoy = 1210.266 (kN) Qoy/Ge = 7.11%
 Moy = 9293.613 (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	13.76	0.00	0.00000	1/1400.	2.36	3.30
1	1	11.40	0.00	0.00000	1/ 550.	11.40	6.27

Tower = 1 (Dmax/Hmax=1/ 696.), Dmax= 13.8(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	10.93	0.00000	1/1624.	2.03	3.30
1	1	0.00	8.90	0.00000	1/ 705.	8.90	6.27

Tower = 1 (Dmax/Hmax=1/ 676.), Dmax= 10.9(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	1.45	0.00	0.00000	1/9999.	0.22	3.30
1	1	1.22	0.00	0.00000	1/5124.	1.22	6.27

Tower = 1 (Dmax/Hmax=1/6612.), Dmax= 1.4(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	1.85	0.00000	1/9999.	0.31	3.30
1	1	0.00	1.54	0.00000	1/4059.	1.54	6.27

Tower = 1 (Dmax/Hmax=1/5164.), Dmax= 1.9(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	0.04	0.00000
1	1	-0.05	0.02	-0.00001

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

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

 * Output of Combined Force of Column, Wall and Brace on Each Floor *
 * N2-1.OUT *
 * ----- *
 * Symbols: *
 * C,W,G --- Element number of column, shear wall and brace *
 * ND(TOP,BOT) --- Number of up and down node of column, wall, brace *
 * V-X,Y --- Shear in X,Y direction(kN) *
 * N --- Axial force(kN) *
 * M-X,Y --- Moment in X,Y direction(kN-m) *
 * N(I1-I2) --- Number of branch of shear wall *
 * I1-I2 --- Number of nodes in front and back of wall branch *
 * M,N,V-T --- Moment, axial force and shear of branch *
 * B-I,J --- Number of node on left and right of beam *
 * V,T,M-I,J --- Shear, torsion and moment on left and right of beam *

No. of Floor = 1

C(TYPE)	ND	V-X	V-Y	=N=	M-X	M-Y
1(1)	1 TOP	-4.22	-7.06	-446.89	-30.75	17.12
	1 BOT	4.22	7.06	-446.89	-13.51	9.33
1(2)	1 TOP	-3.63	-6.10	-380.49	-26.57	14.75
	1 BOT	3.63	6.10	-380.49	-11.68	8.04
1(3)	1 TOP	0.86	-5.77	-393.43	-25.17	2.42
	1 BOT	-0.86	5.77	-393.43	-11.01	-7.83
1(4)	1 TOP	-7.88	-5.73	-403.41	-25.00	26.08
	1 BOT	7.88	5.73	-403.41	-10.93	23.35
1(5)	1 TOP	-3.53	3.42	-389.06	0.58	14.33
	1 BOT	3.53	-3.42	-389.06	20.83	7.80
1(6)	1 TOP	-3.49	-14.92	-407.78	-50.75	14.17
	1 BOT	3.49	14.92	-407.78	-42.78	7.73
1(7)	1 TOP	1.45	-4.81	-327.03	-20.99	0.05
	1 BOT	-1.45	4.81	-327.03	-9.18	-9.12
1(8)	1 TOP	-7.30	-4.77	-337.00	-20.82	23.70
	1 BOT	7.30	4.77	-337.00	-9.10	22.06
1(9)	1 TOP	-2.95	4.37	-322.65	4.76	11.96
	1 BOT	2.95	-4.37	-322.65	22.66	6.51
1(10)	1 TOP	-2.91	-13.96	-341.38	-46.57	11.79
	1 BOT	2.91	13.96	-341.38	-40.95	6.43
1(11)	1 TOP	-0.40	-6.88	-435.38	-29.97	6.64
	1 BOT	0.40	6.88	-435.38	-13.16	-4.16
1(12)	1 TOP	-7.83	-6.85	-443.86	-29.83	26.74
	1 BOT	7.83	6.85	-443.86	-13.09	22.35
1(13)	1 TOP	-4.13	0.93	-431.66	-8.09	16.76
	1 BOT	4.13	-0.93	-431.66	13.91	9.13
1(14)	1 TOP	-4.10	-14.65	-447.58	-51.72	16.62
	1 BOT	4.10	14.65	-447.58	-40.16	9.06
1(15)	1 TOP	0.19	-5.92	-368.98	-25.79	4.26
	1 BOT	-0.19	5.92	-368.98	-11.33	-5.45
1(16)	1 TOP	-7.24	-5.89	-377.46	-25.65	24.37
	1 BOT	7.24	5.89	-377.46	-11.27	21.05
1(17)	1 TOP	-3.54	1.89	-365.26	-3.91	14.39
	1 BOT	3.54	-1.89	-365.26	15.74	7.84
1(18)	1 TOP	-3.51	-13.70	-381.17	-47.54	14.25
	1 BOT	3.51	13.70	-381.17	-38.33	7.77
1(19)	1 TOP	33.36	-6.54	-372.16	-28.41	-84.08

	1	BOT	-33.36	6.54	-372.16	-12.60	-125.11
1(20)	1	TOP	-40.99	-6.08	-466.22	-26.62	115.04
	1	BOT	40.99	6.08	-466.22	-11.52	141.98
1(21)	1	TOP	-4.01	42.24	-364.56	107.33	16.15
	1	BOT	4.01	-42.24	-364.56	157.52	8.97
1(22)	1	TOP	-3.62	-54.86	-473.83	-162.36	14.81
	1	BOT	3.62	54.86	-473.83	-181.63	7.90
1(23)	1	TOP	34.00	-5.49	-302.30	-23.82	-86.66
	1	BOT	-34.00	5.49	-302.30	-10.69	-126.51
1(24)	1	TOP	-40.36	-5.03	-396.36	-22.03	112.46
	1	BOT	40.36	5.03	-396.36	-9.51	140.57
1(25)	1	TOP	-3.37	43.29	-294.69	111.92	13.57
	1	BOT	3.37	-43.29	-294.69	159.53	7.57
1(26)	1	TOP	-2.99	-53.81	-403.97	-157.77	12.23
	1	BOT	2.99	53.81	-403.97	-179.62	6.49

2(1)	2	TOP	1.13	-13.14	-709.45	-56.03	-5.32
	2	BOT	-1.13	13.14	-709.45	-26.37	-1.79
2(2)	2	TOP	1.00	-11.43	-607.49	-48.73	-4.68
	2	BOT	-1.00	11.43	-607.49	-22.94	-1.59
2(3)	2	TOP	5.68	-10.27	-612.46	-43.82	-17.78
	2	BOT	-5.68	10.27	-612.46	-20.54	-17.84
2(4)	2	TOP	-4.08	-10.27	-611.18	-43.86	10.14
	2	BOT	4.08	10.27	-611.18	-20.56	15.46
2(5)	2	TOP	0.80	-1.10	-602.53	-18.17	-3.88
	2	BOT	-0.80	1.10	-602.53	11.26	-1.20
2(6)	2	TOP	0.80	-19.44	-621.11	-89.51	-3.81
	2	BOT	-0.80	19.44	-621.11	-52.36	-1.18
2(7)	2	TOP	5.55	-8.55	-510.49	-36.52	-17.15
	2	BOT	-5.55	8.55	-510.49	-17.12	-17.64
2(8)	2	TOP	-4.22	-8.56	-509.21	-36.56	10.78
	2	BOT	4.22	8.56	-509.21	-17.14	16.66
2(9)	2	TOP	0.67	0.61	-500.56	-10.86	-3.19
	2	BOT	-0.67	-0.61	-500.56	14.68	-1.00
2(10)	2	TOP	0.66	-17.73	-519.14	-62.20	-3.17
	2	BOT	-0.66	17.73	-519.14	-48.94	-0.98
2(11)	2	TOP	5.23	-12.71	-695.35	-54.19	-16.96
	2	BOT	-5.23	12.71	-695.35	-25.49	-15.85
2(12)	2	TOP	-3.07	-12.71	-694.27	-54.22	6.77
	2	BOT	3.07	12.71	-694.27	-25.50	12.45
2(13)	2	TOP	1.08	-4.92	-686.91	-32.39	-5.10
	2	BOT	-1.08	4.92	-686.91	1.54	-1.70
2(14)	2	TOP	1.08	-20.50	-702.70	-76.02	-5.08
	2	BOT	-1.08	20.50	-702.70	-52.53	-1.69
2(15)	2	TOP	5.10	-11.00	-593.38	-46.88	-16.32
	2	BOT	-5.10	11.00	-593.38	-22.06	-15.65
2(16)	2	TOP	-3.20	-11.00	-592.30	-46.91	7.41
	2	BOT	3.20	11.00	-592.30	-22.08	12.65
2(17)	2	TOP	0.95	-3.21	-584.95	-25.08	-4.46
	2	BOT	-0.95	3.21	-584.95	4.97	-1.50
2(18)	2	TOP	0.95	-18.79	-600.73	-68.71	-4.45
	2	BOT	-0.95	18.79	-600.73	-49.11	-1.49
2(19)	2	TOP	42.66	-11.49	-660.04	-48.99	-123.07
	2	BOT	-42.66	11.49	-660.04	-22.98	-144.42
2(20)	2	TOP	-40.78	-11.52	-647.28	-49.14	114.14
	2	BOT	40.78	11.52	-647.28	-23.11	141.53
2(21)	2	TOP	0.86	36.98	-599.39	85.60	-4.26
	2	BOT	-0.86	-36.98	-599.39	146.27	-1.14
2(22)	2	TOP	1.02	-59.98	-707.99	-183.78	-4.66
	2	BOT	-1.02	59.98	-707.99	-192.36	-1.75
2(23)	2	TOP	42.50	-9.57	-551.10	-40.81	-122.32

	2	BOT	-42.50	9.57	-551.10	-19.14	-144.18
2(24)	2	TOP	-40.93	-9.60	-538.34	-40.97	114.88
	2	BOT	40.93	9.60	-538.34	-19.27	141.77
2(25)	2	TOP	0.70	38.90	-490.45	93.78	-3.62
	2	BOT	-0.70	-38.90	-490.45	150.11	-0.90
2(26)	2	TOP	0.87	-58.07	-598.99	-175.55	-3.92
	2	BOT	-0.87	58.07	-598.99	-188.52	-1.51

3(1)	3	TOP	-0.41	-17.36	-708.03	-73.46	1.16
	3	BOT	0.41	17.36	-708.03	-35.36	1.43
3(2)	3	TOP	-0.36	-14.98	-606.47	-63.41	1.02
	3	BOT	0.36	14.98	-606.47	-30.52	1.24
3(3)	3	TOP	4.52	-14.25	-609.30	-60.32	-12.90
	3	BOT	-4.52	14.25	-609.30	-29.01	-15.42
3(4)	3	TOP	-5.16	-14.25	-609.37	-60.32	14.64
	3	BOT	5.16	14.25	-609.37	-29.02	17.69
3(5)	3	TOP	-0.32	-5.08	-600.01	-34.65	0.87
	3	BOT	0.32	5.08	-600.01	2.80	1.13
3(6)	3	TOP	-0.32	-23.42	-618.67	-85.99	0.87
	3	BOT	0.32	23.42	-618.67	-60.83	1.14
3(7)	3	TOP	4.57	-11.87	-507.75	-50.27	-13.05
	3	BOT	-4.57	11.87	-507.75	-24.18	-15.61
3(8)	3	TOP	-5.10	-11.87	-507.81	-50.27	14.50
	3	BOT	5.10	11.87	-507.81	-24.18	17.50
3(9)	3	TOP	-0.27	-2.71	-498.45	-24.80	0.72
	3	BOT	0.27	2.71	-498.45	7.63	0.94
3(10)	3	TOP	-0.27	-21.04	-517.11	-75.94	0.73
	3	BOT	0.27	21.04	-517.11	-55.99	0.95
3(11)	3	TOP	3.71	-16.89	-693.20	-71.49	-10.59
	3	BOT	-3.71	16.89	-693.20	-34.41	-12.69
3(12)	3	TOP	-4.51	-16.89	-693.25	-71.49	12.83
	3	BOT	4.51	16.89	-693.25	-34.41	15.45
3(13)	3	TOP	-0.40	-9.10	-685.29	-49.67	1.12
	3	BOT	0.40	9.10	-685.29	-7.37	1.38
3(14)	3	TOP	-0.40	-24.68	-701.16	-93.31	1.12
	3	BOT	0.40	24.68	-701.16	-61.45	1.38
3(15)	3	TOP	3.77	-14.52	-591.64	-61.44	-10.73
	3	BOT	-3.77	14.52	-591.64	-29.57	-12.88
3(16)	3	TOP	-4.46	-14.52	-591.70	-61.44	12.68
	3	BOT	4.46	14.52	-591.70	-29.57	15.26
3(17)	3	TOP	-0.35	-6.72	-583.74	-39.62	0.97
	3	BOT	0.35	6.72	-583.74	-2.53	1.19
3(18)	3	TOP	-0.35	-22.31	-599.60	-83.26	0.98
	3	BOT	0.35	22.31	-599.60	-56.61	1.20
3(19)	3	TOP	40.97	-15.60	-851.31	-66.01	-115.95
	3	BOT	-40.97	15.60	-851.31	-31.80	-140.90
3(20)	3	TOP	-41.68	-15.56	-651.95	-65.90	117.95
	3	BOT	41.68	15.56	-651.95	-31.66	143.42
3(21)	3	TOP	-0.45	32.83	-597.29	68.52	1.23
	3	BOT	0.45	-32.83	-597.29	137.31	1.58
3(22)	3	TOP	-0.27	-63.99	-705.98	-200.43	0.76
	3	BOT	0.27	63.99	-705.98	-200.78	0.94
3(23)	3	TOP	41.03	-13.00	-542.71	-55.01	-116.12
	3	BOT	-41.03	13.00	-542.71	-28.52	-141.11
3(24)	3	TOP	-41.62	-12.96	-543.35	-54.91	117.78
	3	BOT	41.62	12.96	-543.35	-28.37	143.21
3(25)	3	TOP	-0.39	35.43	-488.68	79.52	1.07
	3	BOT	0.39	-35.43	-488.68	142.60	1.37
3(26)	3	TOP	-0.21	-61.39	-597.37	-189.44	0.59
	3	BOT	0.21	61.39	-597.37	-195.49	0.73

4(1)	4	TOP	-0.24	-17.54	-707.10	-73.97	0.45
	4	BOT	0.24	17.54	-707.10	-36.01	1.07

4(2)	4	TOP	-0.21	-15.14	-605.66	-63.83	0.39
	4	BOT	0.21	15.14	-605.66	-31.08	0.92
4(3)	4	TOP	4.64	-14.42	-608.63	-60.80	-13.42
	4	BOT	-4.64	14.42	-608.63	-29.59	-15.67
4(4)	4	TOP	-5.04	-14.42	-608.63	-60.80	14.16
	4	BOT	5.04	14.42	-608.63	-29.59	17.45
4(5)	4	TOP	-0.20	-5.25	-599.30	-35.13	0.37
	4	BOT	0.20	5.25	-599.30	2.23	0.88
4(6)	4	TOP	-0.20	-23.59	-617.96	-86.48	0.37
	4	BOT	0.20	23.59	-617.96	-81.41	0.89
4(7)	4	TOP	4.67	-12.01	-507.19	-50.67	-13.48
	4	BOT	-4.67	12.01	-507.19	-24.66	-15.82
4(8)	4	TOP	-5.01	-12.01	-507.19	-50.67	14.10
	4	BOT	5.01	12.01	-507.19	-24.66	17.30
4(9)	4	TOP	-0.17	-2.85	-497.86	-25.00	0.31
	4	BOT	0.17	2.85	-497.86	7.16	0.74
4(10)	4	TOP	-0.17	-21.18	-516.52	-76.94	0.31
	4	BOT	0.17	21.18	-516.52	-56.47	0.74
4(11)	4	TOP	3.88	-17.07	-692.33	-71.99	-11.28
	4	BOT	-3.88	17.07	-692.33	-35.05	-13.03
4(12)	4	TOP	-4.35	-17.07	-692.33	-71.99	12.16
	4	BOT	4.35	17.07	-692.33	-35.05	15.12
4(13)	4	TOP	-0.24	-9.28	-684.40	-50.17	0.43
	4	BOT	0.24	9.28	-684.40	-8.00	1.04
4(14)	4	TOP	-0.24	-24.87	-700.26	-93.82	0.44
	4	BOT	0.24	24.87	-700.26	-82.09	1.05
4(15)	4	TOP	3.91	-14.67	-590.89	-61.86	-11.35
	4	BOT	-3.91	14.67	-590.89	-30.11	-13.18
4(16)	4	TOP	-4.32	-14.67	-590.89	-61.86	12.10
	4	BOT	4.32	14.67	-590.89	-30.11	14.97
4(17)	4	TOP	-0.20	-6.88	-582.96	-40.04	0.37
	4	BOT	0.20	6.88	-582.96	-3.07	0.89
4(18)	4	TOP	-0.20	-22.46	-598.82	-83.68	0.38
	4	BOT	0.20	22.46	-598.82	-57.16	0.90
4(19)	4	TOP	41.14	-15.76	-650.85	-66.46	-116.89
	4	BOT	-41.14	15.76	-650.85	-32.36	-141.27
4(20)	4	TOP	-41.58	-15.75	-650.81	-66.43	117.50
	4	BOT	41.58	15.75	-650.81	-32.32	143.20
4(21)	4	TOP	-0.31	32.58	-596.65	67.85	0.64
	4	BOT	0.31	-32.58	-596.65	136.44	1.29
4(22)	4	TOP	-0.13	-64.09	-705.01	-200.74	0.17
	4	BOT	0.13	64.09	-705.01	-201.12	0.84
4(23)	4	TOP	41.18	-13.14	-542.38	-55.39	-116.76
	4	BOT	-41.18	13.14	-542.38	-26.97	-141.43
4(24)	4	TOP	-41.54	-13.12	-542.34	-55.36	117.43
	4	BOT	41.54	13.12	-542.34	-26.93	143.04
4(25)	4	TOP	-0.27	35.21	-488.18	78.92	0.57
	4	BOT	0.27	-35.21	-488.18	141.83	1.13
4(26)	4	TOP	-0.09	-61.47	-596.53	-189.67	0.10
	4	BOT	0.09	61.47	-596.53	-195.73	0.48

5(1)	5	TOP	-0.28	-17.66	-708.21	-74.20	0.61
	5	BOT	0.28	17.66	-708.21	-36.52	1.15
5(2)	5	TOP	-0.24	-15.24	-606.61	-64.03	0.53
	5	BOT	0.24	15.24	-606.61	-31.52	0.99
5(3)	5	TOP	4.61	-14.52	-609.57	-60.99	-13.30
	5	BOT	-4.61	14.52	-609.57	-30.02	-15.62
5(4)	5	TOP	-5.07	-14.52	-609.56	-60.99	14.27
	5	BOT	5.07	14.52	-609.56	-30.02	17.51
5(5)	5	TOP	-0.23	-5.35	-600.23	-35.32	0.48
	5	BOT	0.23	5.35	-600.23	1.80	0.94
5(6)	5	TOP	-0.23	-23.69	-618.90	-86.67	0.49
	5	BOT	0.23	23.69	-618.90	-81.84	0.95

5(7)	5	TOP	4.85	-12.10	-507.97	-50.83	-13.39
	5	BOT	-4.85	12.10	-507.97	-25.02	-15.78
5(8)	5	TOP	-5.03	-12.10	-507.97	-50.83	14.19
	5	BOT	5.03	12.10	-507.97	-25.02	17.35
5(9)	5	TOP	-0.19	-2.93	-498.64	-25.15	0.40
	5	BOT	0.19	2.93	-498.64	6.80	0.78
5(10)	5	TOP	-0.19	-21.27	-517.30	-76.50	0.41
	5	BOT	0.19	21.27	-517.30	-56.84	0.79
5(11)	5	TOP	3.84	-17.19	-693.41	-72.22	-11.13
	5	BOT	-3.84	17.19	-693.41	-35.55	-12.96
5(12)	5	TOP	-4.39	-17.19	-693.41	-72.21	12.31
	5	BOT	4.39	17.19	-693.41	-35.54	15.20
5(13)	5	TOP	-0.27	-9.39	-685.48	-50.39	0.59
	5	BOT	0.27	9.39	-685.48	-8.50	1.12
5(14)	5	TOP	-0.27	-24.98	-701.34	-94.04	0.59
	5	BOT	0.27	24.98	-701.34	-62.59	1.12
5(15)	5	TOP	3.88	-14.77	-591.82	-62.05	-11.21
	5	BOT	-3.88	14.77	-591.82	-30.54	-13.12
5(16)	5	TOP	-4.35	-14.77	-591.82	-62.05	12.23
	5	BOT	4.35	14.77	-591.82	-30.54	15.04
5(17)	5	TOP	-0.23	-6.97	-583.89	-40.23	0.51
	5	BOT	0.23	6.97	-583.89	-3.50	0.96
5(18)	5	TOP	-0.24	-22.56	-599.75	-83.87	0.51
	5	BOT	0.24	22.56	-599.75	-57.59	0.96
5(19)	5	TOP	41.11	-15.86	-651.82	-66.86	-116.56
	5	BOT	-41.11	15.86	-651.82	-32.79	-141.20
5(20)	5	TOP	-41.61	-15.87	-651.86	-66.84	117.63
	5	BOT	41.61	15.87	-651.86	-32.83	143.26
5(21)	5	TOP	-0.34	32.40	-597.82	67.46	0.77
	5	BOT	0.34	-32.40	-597.82	135.71	1.35
5(22)	5	TOP	-0.16	-64.13	-705.87	-200.76	0.30
	5	BOT	0.16	64.13	-705.87	-201.32	0.71
5(23)	5	TOP	41.15	-13.21	-543.18	-55.55	-116.65
	5	BOT	-41.15	13.21	-543.18	-27.32	-141.37
5(24)	5	TOP	-41.57	-13.22	-543.22	-55.53	117.54
	5	BOT	41.57	13.22	-543.22	-27.36	143.09
5(25)	5	TOP	-0.30	35.05	-489.18	78.57	0.68
	5	BOT	0.30	-35.05	-489.18	141.18	1.18
5(26)	5	TOP	-0.12	-61.48	-597.23	-189.66	0.21
	5	BOT	0.12	61.48	-597.23	-195.86	0.54

6(1)	6	TOP	-0.14	-17.75	-707.08	-74.31	0.01
	6	BOT	0.14	17.75	-707.08	-36.98	0.85
6(2)	6	TOP	-0.12	-15.32	-605.65	-64.13	0.00
	6	BOT	0.12	15.32	-605.65	-31.91	0.73
6(3)	6	TOP	4.71	-14.59	-608.63	-61.06	-13.72
	6	BOT	-4.71	14.59	-608.63	-30.39	-15.82
6(4)	6	TOP	-4.96	-14.58	-608.57	-61.06	13.82
	6	BOT	4.96	14.58	-608.57	-30.39	17.28
6(5)	6	TOP	-0.12	-5.41	-599.27	-35.38	0.05
	6	BOT	0.12	5.41	-599.27	1.43	0.73
6(6)	6	TOP	-0.13	-23.76	-617.93	-86.73	0.06
	6	BOT	0.13	23.76	-617.93	-62.21	0.73
6(7)	6	TOP	4.73	-12.15	-507.20	-50.88	-13.73
	6	BOT	-4.73	12.15	-507.20	-25.33	-15.94
6(8)	6	TOP	-4.94	-12.15	-507.13	-50.88	13.81
	6	BOT	4.94	12.15	-507.13	-25.32	17.16
6(9)	6	TOP	-0.10	-2.98	-497.83	-25.20	0.04
	6	BOT	0.10	2.98	-497.83	6.50	0.60
6(10)	6	TOP	-0.11	-21.32	-516.50	-76.56	0.05
	6	BOT	0.11	21.32	-516.50	-57.15	0.61
6(11)	6	TOP	3.98	-17.27	-692.34	-72.32	-11.69
	6	BOT	-3.98	17.27	-692.34	-35.99	-13.24

6(12)	6	TOP	-4.25	-17.27	-692.28	-72.32	11.72
	6	BOT	4.25	17.27	-692.28	-35.99	14.90
6(13)	6	TOP	-0.13	-9.48	-684.37	-50.50	0.01
	6	BOT	0.13	9.48	-684.37	-8.94	0.83
6(14)	6	TOP	-0.14	-25.07	-700.24	-94.15	0.02
	6	BOT	0.14	25.07	-700.24	-63.04	0.84
6(15)	6	TOP	4.00	-14.84	-590.90	-62.15	-11.70
	6	BOT	-4.00	14.84	-590.90	-30.93	-13.36
6(16)	6	TOP	-4.23	-14.84	-590.85	-62.15	11.71
	6	BOT	4.23	14.84	-590.85	-30.92	14.78
6(17)	6	TOP	-0.11	-7.05	-582.94	-40.32	0.00
	6	BOT	0.11	7.05	-582.94	-3.87	0.71
6(18)	6	TOP	-0.12	-22.64	-598.81	-83.97	0.01
	6	BOT	0.12	22.64	-598.81	-57.97	0.72
6(19)	6	TOP	41.19	-15.92	-651.13	-66.69	-116.92
	6	BOT	-41.19	15.92	-651.13	-33.15	-141.38
6(20)	6	TOP	-41.46	-15.96	-650.48	-66.79	116.98
	6	BOT	41.46	15.96	-650.48	-33.28	142.94
6(21)	6	TOP	-0.22	32.25	-596.93	67.19	0.27
	6	BOT	0.22	-32.25	-596.93	135.04	1.11
6(22)	6	TOP	-0.04	-64.14	-704.68	-200.67	-0.20
	6	BOT	0.04	64.14	-704.68	-201.47	0.46
6(23)	6	TOP	41.22	-13.27	-542.66	-55.57	-116.92
	6	BOT	-41.22	13.27	-542.66	-27.61	-141.51
6(24)	6	TOP	-41.43	-13.30	-542.01	-55.68	116.98
	6	BOT	41.43	13.30	-542.01	-27.74	142.81
6(25)	6	TOP	-0.20	34.91	-488.46	78.32	0.26
	6	BOT	0.20	-34.91	-488.46	140.58	0.97
6(26)	6	TOP	-0.02	-61.48	-596.21	-189.54	-0.21
	6	BOT	0.02	61.48	-596.21	-195.93	0.33

7(1)	7	TOP	-1.45	-15.06	-668.43	-62.77	5.50
	7	BOT	1.45	15.06	-668.43	-31.69	3.57
7(2)	7	TOP	-1.27	-13.06	-573.11	-54.42	4.83
	7	BOT	1.27	13.06	-573.11	-27.47	3.13
7(3)	7	TOP	3.82	-12.03	-571.28	-50.09	-9.97
	7	BOT	-3.82	12.03	-571.28	-25.33	-13.97
7(4)	7	TOP	-5.95	-12.02	-572.56	-50.06	17.95
	7	BOT	5.95	12.02	-572.56	-25.30	18.33
7(5)	7	TOP	-1.06	-2.85	-582.58	-24.39	3.99
	7	BOT	1.06	2.85	-582.58	6.51	2.68
7(6)	7	TOP	-1.07	-21.20	-581.25	-76.75	3.99
	7	BOT	1.07	21.20	-581.25	-57.14	2.69
7(7)	7	TOP	3.99	-10.02	-475.96	-41.75	-10.64
	7	BOT	-3.99	10.02	-475.96	-21.11	-14.41
7(8)	7	TOP	-5.77	-10.02	-477.24	-41.71	17.29
	7	BOT	5.77	10.02	-477.24	-21.09	18.88
7(9)	7	TOP	-0.89	-0.85	-467.26	-16.05	3.32
	7	BOT	0.89	0.85	-467.26	10.73	2.23
7(10)	7	TOP	-0.89	-19.19	-485.93	-67.41	3.33
	7	BOT	0.89	19.19	-485.93	-52.92	2.24
7(11)	7	TOP	2.76	-14.61	-653.41	-60.88	-6.60
	7	BOT	-2.76	14.61	-653.41	-30.74	-10.71
7(12)	7	TOP	-5.54	-14.60	-654.50	-60.85	17.14
	7	BOT	5.54	14.60	-654.50	-30.72	17.59
7(13)	7	TOP	-1.39	-6.81	-646.02	-39.04	5.27
	7	BOT	1.39	6.81	-646.02	-3.68	3.44
7(14)	7	TOP	-1.39	-22.40	-661.89	-82.69	5.27
	7	BOT	1.39	22.40	-661.89	-57.78	3.44
7(15)	7	TOP	2.94	-12.61	-558.09	-52.53	-7.26
	7	BOT	-2.94	12.61	-558.09	-26.52	-11.16
7(16)	7	TOP	-5.36	-12.60	-559.18	-52.50	16.47
	7	BOT	5.36	12.60	-559.18	-26.50	17.14
7(17)	7	TOP	-1.21	-4.81	-550.70	-30.69	4.60

	7	BOT	1.21	4.81	-550.70	0.54	2.99
7(18)	7	TOP	-1.21	-20.40	-566.57	-74.34	4.61
	7	BOT	1.21	20.40	-566.57	-53.56	2.99
7(19)	7	TOP	40.49	-13.34	-606.90	-55.59	-113.97
	7	BOT	-40.49	13.34	-606.90	-28.11	-139.92
7(20)	7	TOP	-42.95	-13.31	-619.66	-55.43	123.24
	7	BOT	42.95	13.31	-619.66	-27.98	146.04
7(21)	7	TOP	-1.32	34.80	-559.60	78.23	4.87
	7	BOT	1.32	-34.80	-559.60	139.94	3.39
7(22)	7	TOP	-1.14	-61.45	-666.97	-189.28	4.40
	7	BOT	1.14	61.45	-666.97	-196.04	2.74
7(23)	7	TOP	40.70	-11.12	-504.69	-46.34	-114.74
	7	BOT	-40.70	11.12	-504.69	-23.43	-140.43
7(24)	7	TOP	-42.74	-11.09	-517.45	-46.18	122.47
	7	BOT	42.74	11.09	-517.45	-23.31	145.53
7(25)	7	TOP	-1.11	37.02	-457.38	87.48	4.10
	7	BOT	1.11	-37.02	-457.38	144.62	2.88
7(26)	7	TOP	-0.93	-59.23	-564.75	-180.01	3.63
	7	BOT	0.93	59.23	-564.75	-191.36	2.23

8(1)	8	TOP	3.90	-9.12	-402.02	-37.55	-16.90
	8	BOT	-3.90	9.12	-402.02	-19.66	-7.52
8(2)	8	TOP	3.35	-7.86	-342.65	-32.93	-14.53
	8	BOT	-3.35	7.86	-342.65	-16.93	-6.47
8(3)	8	TOP	7.65	-7.58	-361.18	-31.18	-26.03
	8	BOT	-7.65	7.58	-361.18	-16.34	-21.92
8(4)	8	TOP	-1.10	-7.62	-351.21	-31.37	-2.38
	8	BOT	1.10	7.62	-351.21	-16.43	9.26
8(5)	8	TOP	3.28	1.57	-346.86	-5.59	-14.20
	8	BOT	-3.28	-1.57	-346.86	15.44	-6.34
8(6)	8	TOP	3.27	-16.77	-365.53	-56.96	-14.20
	8	BOT	-3.27	16.77	-365.53	-48.22	-6.33
8(7)	8	TOP	7.10	-6.31	-301.81	-25.96	-23.66
	8	BOT	-7.10	6.31	-301.81	-13.61	-20.87
8(8)	8	TOP	-1.64	-6.36	-291.84	-26.16	-0.01
	8	BOT	1.64	6.36	-291.84	-13.70	10.31
8(9)	8	TOP	2.73	2.84	-287.49	-0.38	-11.84
	8	BOT	-2.73	-2.84	-287.49	18.17	-5.28
8(10)	8	TOP	2.73	-15.51	-306.16	-51.74	-11.83
	8	BOT	-2.73	15.51	-306.16	-45.49	-5.27
8(11)	8	TOP	7.52	-8.88	-399.38	-36.52	-26.55
	8	BOT	-7.52	8.88	-399.38	-19.13	-20.60
8(12)	8	TOP	0.09	-8.91	-390.91	-36.69	-6.44
	8	BOT	-0.09	8.91	-390.91	-19.20	5.91
8(13)	8	TOP	3.80	-1.10	-387.21	-14.78	-16.50
	8	BOT	-3.80	1.10	-387.21	7.89	-7.35
8(14)	8	TOP	3.80	-16.69	-403.08	-58.44	-16.49
	8	BOT	-3.80	16.69	-403.08	-46.22	-7.34
8(15)	8	TOP	6.97	-7.61	-340.02	-31.31	-24.18
	8	BOT	-6.97	7.61	-340.02	-16.40	-19.54
8(16)	8	TOP	-0.46	-7.65	-331.54	-31.48	-4.08
	8	BOT	0.46	7.65	-331.54	-16.47	6.96
8(17)	8	TOP	3.26	0.17	-327.85	-9.56	-14.13
	8	BOT	-3.26	-0.17	-327.85	10.62	-6.29
8(18)	8	TOP	3.26	-15.42	-343.71	-53.22	-14.13
	8	BOT	-3.26	15.42	-343.71	-43.49	-6.29
8(19)	8	TOP	40.72	-8.00	-422.83	-32.97	-114.92
	8	BOT	-40.72	8.00	-422.83	-17.21	-140.38
8(20)	8	TOP	-33.64	-8.51	-328.83	-34.96	84.20
	8	BOT	33.64	8.51	-328.83	-18.37	126.70
8(21)	8	TOP	3.47	39.80	-322.05	99.60	-15.18
	8	BOT	-3.47	-39.80	-322.05	149.93	-6.55
8(22)	8	TOP	3.62	-56.30	-429.62	-167.52	-15.54
	8	BOT	-3.62	56.30	-429.62	-185.51	-7.14

8(23)	8	TOP	40.13	-6.63	-360.19	-27.31	-112.36
	8	BOT	-40.13	6.63	-360.19	-14.24	-139.24
8(24)	8	TOP	-34.23	-7.13	-266.19	-29.30	88.76
	8	BOT	34.23	7.13	-266.19	-15.41	127.84
8(25)	8	TOP	2.88	41.17	-259.41	105.26	-12.62
	8	BOT	-2.88	-41.17	-259.41	152.90	-5.41
8(26)	8	TOP	3.03	-54.93	-366.98	-161.86	-12.98
	8	BOT	-3.03	54.93	-366.98	-182.55	-6.00

9(1)	9	TOP	-4.75	7.60	-509.28	30.82	19.58
	9	BOT	4.75	-7.60	-509.28	16.84	10.18
9(2)	9	TOP	-4.13	6.57	-435.50	26.63	17.05
	9	BOT	4.13	-6.57	-435.50	14.54	8.86
9(3)	9	TOP	0.72	6.22	-438.19	25.20	3.24
	9	BOT	-0.72	-6.22	-438.19	13.81	-7.73
9(4)	9	TOP	-8.08	6.21	-447.15	25.17	27.12
	9	BOT	8.08	-6.21	-447.15	13.79	23.56
9(5)	9	TOP	-3.67	15.70	-447.74	52.17	15.13
	9	BOT	3.67	-15.70	-447.74	46.26	7.89
9(6)	9	TOP	-3.69	-3.26	-437.60	-1.80	15.23
	9	BOT	3.69	3.26	-437.60	-18.65	7.94
9(7)	9	TOP	1.33	5.19	-364.42	21.00	0.71
	9	BOT	-1.33	-5.19	-364.42	11.51	-9.05
9(8)	9	TOP	-7.47	5.18	-373.37	20.97	24.59
	9	BOT	7.47	-5.18	-373.37	11.49	22.24
9(9)	9	TOP	-3.06	14.66	-373.96	47.97	12.60
	9	BOT	3.06	-14.66	-373.96	43.98	6.57
9(10)	9	TOP	-3.08	-4.30	-363.82	-6.00	12.70
	9	BOT	3.08	4.30	-363.82	-20.95	6.62
9(11)	9	TOP	-0.85	7.40	-495.48	29.99	8.77
	9	BOT	0.85	-7.40	-495.48	16.39	-3.46
9(12)	9	TOP	-8.33	7.39	-503.09	29.97	29.07
	9	BOT	8.33	-7.39	-503.09	16.38	23.14
9(13)	9	TOP	-4.58	15.45	-503.59	52.91	18.88
	9	BOT	4.58	-15.45	-503.59	43.97	9.82
9(14)	9	TOP	-4.60	-0.66	-494.98	7.04	18.96
	9	BOT	4.60	0.66	-494.98	-11.20	9.86
9(15)	9	TOP	-0.23	6.36	-421.70	25.79	6.24
	9	BOT	0.23	-6.36	-421.70	14.09	-4.78
9(16)	9	TOP	-7.71	6.35	-429.31	25.77	26.54
	9	BOT	7.71	-6.35	-429.31	14.08	21.82
9(17)	9	TOP	-3.96	14.42	-429.82	48.72	16.35
	9	BOT	3.96	-14.42	-429.82	41.67	8.50
9(18)	9	TOP	-3.98	-1.70	-421.20	2.84	16.43
	9	BOT	3.98	1.70	-421.20	-13.50	8.54
9(19)	9	TOP	33.32	6.84	-429.39	27.66	-83.70
	9	BOT	-33.32	-6.84	-429.39	14.98	-125.23
9(20)	9	TOP	-41.60	6.78	-513.04	27.54	117.83
	9	BOT	41.60	-6.78	-513.04	15.23	143.00
9(21)	9	TOP	-4.09	57.11	-500.80	169.77	16.82
	9	BOT	4.09	-57.11	-500.80	188.29	8.80
9(22)	9	TOP	-4.19	-43.48	-441.63	-114.57	17.31
	9	BOT	4.19	43.48	-441.63	-158.08	8.97
9(23)	9	TOP	34.01	5.70	-350.86	23.06	-86.54
	9	BOT	-34.01	-5.70	-350.86	12.47	-126.71
9(24)	9	TOP	-40.91	5.65	-434.50	22.94	114.98
	9	BOT	40.91	-5.65	-434.50	12.71	141.52
9(25)	9	TOP	-3.40	55.97	-422.26	165.17	13.97
	9	BOT	3.40	-55.97	-422.26	185.77	7.32
9(26)	9	TOP	-3.50	-44.62	-363.10	-119.17	14.47
	9	BOT	3.50	44.62	-363.10	-160.60	7.49

10(1)	10	TOP	0.28	10.79	-744.69	44.48	-1.41
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	10	BOT	-0.26	-10.79	-744.69	23.17	-0.22
10(2)	10	TOP	0.23	9.36	-643.04	38.61	-1.22
	10	BOT	-0.23	-9.36	-643.04	20.10	-0.19
10(3)	10	TOP	5.12	8.55	-610.44	35.22	-15.22
	10	BOT	-5.12	-8.55	-610.44	18.42	-16.88
10(4)	10	TOP	-4.70	8.55	-609.37	35.22	12.94
	10	BOT	4.70	-8.55	-609.37	18.41	16.53
10(5)	10	TOP	0.21	18.04	-614.95	62.21	-1.14
	10	BOT	-0.21	-18.04	-614.95	50.87	-0.17
10(6)	10	TOP	0.21	-0.93	-604.86	8.23	-1.14
	10	BOT	-0.21	0.93	-604.86	-14.05	-0.17
10(7)	10	TOP	5.08	7.13	-508.79	29.35	-15.03
	10	BOT	-5.08	-7.13	-508.79	15.35	-16.85
10(8)	10	TOP	-4.74	7.13	-507.72	29.35	13.13
	10	BOT	4.74	-7.13	-507.72	15.34	16.56
10(9)	10	TOP	0.17	16.61	-513.30	56.34	-0.95
	10	BOT	-0.17	-16.61	-513.30	47.80	-0.14
10(10)	10	TOP	0.18	-2.35	-503.21	2.36	-0.95
	10	BOT	-0.18	2.35	-503.21	-17.12	-0.15
10(11)	10	TOP	4.43	10.45	-724.93	43.09	-13.34
	10	BOT	-4.43	-10.45	-724.93	22.46	-14.41
10(12)	10	TOP	-3.92	10.45	-724.02	43.09	10.60
	10	BOT	3.92	-10.45	-724.02	22.46	13.99
10(13)	10	TOP	0.25	18.51	-728.76	66.03	-1.37
	10	BOT	-0.25	-18.51	-728.76	50.05	-0.21
10(14)	10	TOP	0.25	2.39	-720.18	20.16	-1.37
	10	BOT	-0.25	-2.39	-720.18	-5.13	-0.21
10(15)	10	TOP	4.39	9.03	-623.28	37.22	-13.16
	10	BOT	-4.39	-9.03	-623.28	19.39	-14.38
10(16)	10	TOP	-3.96	9.03	-622.37	37.22	10.79
	10	BOT	3.96	-9.03	-622.37	19.39	14.02
10(17)	10	TOP	0.22	17.09	-627.11	60.16	-1.18
	10	BOT	-0.22	-17.09	-627.11	46.98	-0.18
10(18)	10	TOP	0.22	0.97	-618.53	14.28	-1.18
	10	BOT	-0.22	-0.97	-618.53	-8.20	-0.18
10(19)	10	TOP	42.22	9.48	-672.68	39.10	-121.01
	10	BOT	-42.22	-9.48	-672.68	20.33	-143.72
10(20)	10	TOP	-41.76	9.54	-662.66	39.28	118.49
	10	BOT	41.76	-9.54	-662.66	20.57	143.33
10(21)	10	TOP	0.21	59.73	-697.00	181.15	-1.19
	10	BOT	-0.21	-59.73	-697.00	193.36	-0.12
10(22)	10	TOP	0.25	-40.71	-638.34	-102.78	-1.32
	10	BOT	-0.25	40.71	-638.34	-152.46	-0.27
10(23)	10	TOP	42.18	7.89	-561.40	32.57	-120.80
	10	BOT	-42.18	-7.89	-561.40	16.93	-143.68
10(24)	10	TOP	-41.80	7.96	-551.38	32.74	118.70
	10	BOT	41.80	-7.96	-551.38	17.16	143.36
10(25)	10	TOP	0.17	58.15	-585.72	174.82	-0.88
	10	BOT	-0.17	-58.15	-585.72	189.96	-0.09
10(26)	10	TOP	0.22	-42.29	-527.06	-109.31	-1.11
	10	BOT	-0.22	42.29	-527.06	-155.87	-0.23

11(1)	11	TOP	-0.21	11.17	-728.00	46.33	0.55
	11	BOT	0.21	-11.17	-728.00	23.68	0.75
11(2)	11	TOP	-0.18	9.62	-628.69	39.91	0.47
	11	BOT	0.18	-9.62	-628.69	20.40	0.85
11(3)	11	TOP	4.70	9.28	-595.78	38.61	-13.44
	11	BOT	-4.70	-9.28	-595.78	19.70	-16.00
11(4)	11	TOP	-5.03	9.28	-595.85	38.51	14.31
	11	BOT	5.03	-9.28	-595.85	19.70	17.22
11(5)	11	TOP	-0.17	18.77	-600.87	65.50	0.44
	11	BOT	0.17	-18.77	-600.87	52.16	0.61
11(6)	11	TOP	-0.17	-0.20	-590.75	11.52	0.44

	11	BOT	0.17	0.20	-590.75	-12.77	0.61
11(7)	11	TOP	4.72	7.74	-496.48	32.10	-13.51
	11	BOT	-4.72	-7.74	-496.48	16.42	-16.10
11(8)	11	TOP	-5.00	7.74	-496.54	32.09	14.24
	11	BOT	5.00	-7.74	-496.54	16.41	17.11
11(9)	11	TOP	-0.14	17.22	-501.57	59.08	0.36
	11	BOT	0.14	-17.22	-501.57	48.88	0.51
11(10)	11	TOP	-0.14	-1.75	-491.45	5.10	0.36
	11	BOT	0.14	1.75	-491.45	-18.05	0.51
11(11)	11	TOP	3.93	10.88	-708.14	45.16	-11.26
	11	BOT	-3.93	-10.88	-708.14	23.09	-13.39
11(12)	11	TOP	-4.33	10.88	-708.20	45.15	12.33
	11	BOT	4.33	-10.88	-708.20	23.08	14.85
11(13)	11	TOP	-0.20	18.94	-712.47	68.10	0.53
	11	BOT	0.20	-18.94	-712.47	50.68	0.73
11(14)	11	TOP	-0.20	2.82	-703.87	22.21	0.53
	11	BOT	0.20	-2.82	-703.87	-4.51	0.73
11(15)	11	TOP	3.96	9.34	-608.84	38.74	-11.34
	11	BOT	-3.96	-9.34	-608.84	19.80	-13.49
11(16)	11	TOP	-4.31	9.34	-608.89	38.74	12.25
	11	BOT	4.31	-9.34	-608.89	19.80	14.74
11(17)	11	TOP	-0.17	17.40	-813.17	61.68	0.46
	11	BOT	0.17	-17.40	-813.17	47.40	0.63
11(18)	11	TOP	-0.17	1.28	-604.57	15.80	0.46
	11	BOT	0.17	-1.28	-604.57	-7.79	0.63
11(19)	11	TOP	41.39	10.07	-652.12	41.82	-117.52
	11	BOT	-41.39	-10.07	-652.12	21.34	-141.99
11(20)	11	TOP	-41.76	10.11	-652.80	41.91	118.49
	11	BOT	41.76	-10.11	-652.80	21.47	143.33
11(21)	11	TOP	-0.20	60.24	-681.80	183.83	0.52
	11	BOT	0.20	-60.24	-681.80	194.05	0.73
11(22)	11	TOP	-0.17	-40.05	-623.13	-99.91	0.44
	11	BOT	0.17	40.05	-623.13	-151.23	0.61
11(23)	11	TOP	41.42	8.39	-543.38	34.84	-117.60
	11	BOT	-41.42	-8.39	-543.38	17.77	-142.10
11(24)	11	TOP	-41.73	8.43	-544.06	34.93	118.41
	11	BOT	41.73	-8.43	-544.06	17.91	143.22
11(25)	11	TOP	-0.17	58.55	-573.05	176.65	0.44
	11	BOT	0.17	-58.55	-573.05	190.48	0.62
11(26)	11	TOP	-0.14	-41.74	-514.39	-106.88	0.36
	11	BOT	0.14	41.74	-514.39	-154.80	0.50

12(1)	12	TOP	-0.15	11.05	-727.97	46.12	0.31
	12	BOT	0.15	-11.05	-727.97	23.18	0.63
12(2)	12	TOP	-0.13	9.52	-628.69	39.72	0.27
	12	BOT	0.13	-9.52	-628.69	19.96	0.55
12(3)	12	TOP	4.75	9.21	-595.69	38.42	-13.65
	12	BOT	-4.75	-9.21	-595.69	19.32	-16.10
12(4)	12	TOP	-4.99	9.21	-595.69	38.42	14.14
	12	BOT	4.99	-9.21	-595.69	19.32	17.13
12(5)	12	TOP	-0.12	18.69	-600.75	65.42	0.25
	12	BOT	0.12	-18.69	-600.75	51.78	0.51
12(6)	12	TOP	-0.12	-0.27	-590.63	11.43	0.25
	12	BOT	0.12	0.27	-590.63	-13.15	0.52
12(7)	12	TOP	4.77	7.67	-496.41	32.02	-13.69
	12	BOT	-4.77	-7.67	-496.41	16.10	-16.19
12(8)	12	TOP	-4.97	7.67	-496.40	32.02	14.10
	12	BOT	4.97	-7.67	-496.40	16.10	17.05
12(9)	12	TOP	-0.10	17.16	-501.47	59.91	0.20
	12	BOT	0.10	-17.16	-501.47	48.56	0.43
12(10)	12	TOP	-0.10	-1.81	-491.35	5.03	0.21
	12	BOT	0.10	1.81	-491.35	-16.97	0.43
12(11)	12	TOP	3.99	10.78	-708.13	44.97	-11.51

	12	BOT	-3.99	-10.78	-708.13	22.60	-13.51
12(12)	12	TOP	-4.28	10.78	-708.13	44.97	12.11
	12	BOT	4.28	-10.78	-708.13	22.60	14.74
12(13)	12	TOP	-0.15	18.84	-712.43	67.91	0.30
	12	BOT	0.15	-18.84	-712.43	50.20	0.61
12(14)	12	TOP	-0.15	2.72	-703.83	22.02	0.30
	12	BOT	0.15	-2.72	-703.83	-5.00	0.62
12(15)	12	TOP	4.01	9.24	-608.85	38.56	-11.55
	12	BOT	-4.01	-9.24	-608.85	19.38	-13.59
12(16)	12	TOP	-4.26	9.24	-608.85	38.56	12.07
	12	BOT	4.26	-9.24	-608.85	19.38	14.65
12(17)	12	TOP	-0.13	17.30	-613.15	61.51	0.26
	12	BOT	0.13	-17.30	-613.15	46.98	0.53
12(18)	12	TOP	-0.13	1.18	-604.55	15.62	0.26
	12	BOT	0.13	-1.18	-604.55	-8.21	0.53
12(19)	12	TOP	41.48	9.99	-652.39	41.71	-117.90
	12	BOT	-41.48	-9.99	-652.39	20.95	-142.18
12(20)	12	TOP	-41.75	10.01	-652.37	41.74	118.44
	12	BOT	41.75	-10.01	-652.37	21.00	143.31
12(21)	12	TOP	-0.15	60.07	-681.63	183.29	0.32
	12	BOT	0.15	-60.07	-681.63	193.34	0.63
12(22)	12	TOP	-0.12	-40.07	-623.13	-99.85	0.23
	12	BOT	0.12	40.07	-623.13	-151.40	0.50
12(23)	12	TOP	41.50	8.33	-543.66	34.75	-117.94
	12	BOT	-41.50	-8.33	-543.66	17.45	-142.27
12(24)	12	TOP	-41.72	8.34	-543.64	34.79	118.40
	12	BOT	41.72	-8.34	-543.64	17.50	143.21
12(25)	12	TOP	-0.13	58.40	-572.90	176.34	0.27
	12	BOT	0.13	-58.40	-572.90	189.85	0.53
12(26)	12	TOP	-0.09	-41.74	-514.40	-106.80	0.18
	12	BOT	0.09	41.74	-514.40	-154.89	0.41

13(1)	13	TOP	-0.16	10.93	-727.68	45.86	0.36
	13	BOT	0.16	-10.93	-727.68	22.65	0.66
13(2)	13	TOP	-0.14	9.41	-628.44	39.49	0.31
	13	BOT	0.14	-9.41	-628.44	19.51	0.57
13(3)	13	TOP	4.74	9.10	-595.44	38.21	-13.61
	13	BOT	-4.74	-9.10	-595.44	18.87	-16.08
13(4)	13	TOP	-5.00	9.10	-595.44	38.21	14.18
	13	BOT	5.00	-9.10	-595.44	18.87	17.15
13(5)	13	TOP	-0.13	18.59	-600.50	65.21	0.29
	13	BOT	0.13	-18.59	-600.50	51.34	0.53
13(6)	13	TOP	-0.13	-0.38	-590.38	11.22	0.29
	13	BOT	0.13	0.38	-590.38	-13.60	0.54
13(7)	13	TOP	4.76	7.59	-496.20	31.84	-13.66
	13	BOT	-4.76	-7.59	-496.20	15.73	-16.17
13(8)	13	TOP	-4.98	7.59	-496.20	31.84	14.14
	13	BOT	4.98	-7.59	-496.20	15.73	17.06
13(9)	13	TOP	-0.11	17.07	-501.26	58.84	0.24
	13	BOT	0.11	-17.07	-501.26	48.20	0.45
13(10)	13	TOP	-0.11	-1.90	-491.14	4.85	0.24
	13	BOT	0.11	1.90	-491.14	-16.74	0.45
13(11)	13	TOP	3.98	10.65	-707.84	44.71	-11.46
	13	BOT	-3.98	-10.65	-707.84	22.09	-13.48
13(12)	13	TOP	-4.29	10.65	-707.84	44.72	12.16
	13	BOT	4.29	-10.65	-707.84	22.09	14.76
13(13)	13	TOP	-0.16	18.72	-712.14	67.66	0.35
	13	BOT	0.16	-18.72	-712.14	49.66	0.64
13(14)	13	TOP	-0.16	2.59	-703.54	21.77	0.35
	13	BOT	0.16	-2.59	-703.54	-5.51	0.64
13(15)	13	TOP	4.00	9.14	-608.60	38.35	-11.51
	13	BOT	-4.00	-9.14	-608.60	18.94	-13.57
13(16)	13	TOP	-4.27	9.14	-608.60	38.35	12.11

	13	BOT	4.27	-9.14	-608.60	18.94	14.67
13(17)	13	TOP	-0.14	17.20	-612.90	61.29	0.30
	13	BOT	0.14	-17.20	-612.90	46.54	0.55
13(18)	13	TOP	-0.14	1.08	-604.30	15.40	0.30
	13	BOT	0.14	-1.08	-604.30	-8.66	0.55
13(19)	13	TOP	41.47	9.89	-652.10	41.60	-117.85
	13	BOT	-41.47	-9.89	-652.10	20.51	-142.15
13(20)	13	TOP	-41.76	9.88	-652.12	41.48	118.49
	13	BOT	41.76	-9.88	-652.12	20.47	143.33
13(21)	13	TOP	-0.16	59.88	-681.28	182.86	0.36
	13	BOT	0.16	-59.88	-681.28	192.59	0.65
13(22)	13	TOP	-0.13	-40.11	-622.94	-99.88	0.28
	13	BOT	0.13	40.11	-622.94	-151.60	0.53
13(23)	13	TOP	41.49	8.24	-543.42	34.59	-117.91
	13	BOT	-41.49	-8.24	-543.42	17.10	-142.25
13(24)	13	TOP	-41.73	8.23	-543.44	34.56	118.44
	13	BOT	41.73	-8.23	-543.44	17.06	143.23
13(25)	13	TOP	-0.14	58.23	-572.60	175.95	0.31
	13	BOT	0.14	-58.23	-572.60	189.17	0.55
13(26)	13	TOP	-0.10	-41.76	-514.26	-108.80	0.22
	13	BOT	0.10	41.76	-514.26	-155.02	0.43

14(1)	14	TOP	-0.13	10.80	-726.96	45.58	0.22
	14	BOT	0.13	-10.80	-726.96	22.11	0.59
14(2)	14	TOP	-0.11	9.30	-627.82	39.25	0.19
	14	BOT	0.11	-9.30	-627.82	19.05	0.51
14(3)	14	TOP	4.76	8.99	-594.82	37.95	-13.70
	14	BOT	-4.76	-8.99	-594.82	18.41	-16.13
14(4)	14	TOP	-4.97	8.99	-594.76	37.96	14.06
	14	BOT	4.97	-8.99	-594.76	18.41	17.09
14(5)	14	TOP	-0.11	18.47	-599.85	64.95	0.18
	14	BOT	0.11	-18.47	-599.85	50.88	0.48
14(6)	14	TOP	-0.11	-0.50	-589.73	10.96	0.18
	14	BOT	0.11	0.50	-589.73	-14.06	0.48
14(7)	14	TOP	4.77	7.49	-495.69	31.63	-13.73
	14	BOT	-4.77	-7.49	-495.69	15.34	-16.21
14(8)	14	TOP	-4.95	7.49	-495.62	31.63	14.03
	14	BOT	4.95	-7.49	-495.62	15.34	17.01
14(9)	14	TOP	-0.09	16.98	-500.72	58.63	0.15
	14	BOT	0.09	-16.98	-500.72	47.81	0.40
14(10)	14	TOP	-0.09	-1.99	-490.59	4.63	0.15
	14	BOT	0.09	1.99	-490.59	-17.13	0.40
14(11)	14	TOP	4.01	10.52	-707.16	44.43	-11.58
	14	BOT	-4.01	-10.52	-707.16	21.56	-13.54
14(12)	14	TOP	-4.26	10.53	-707.10	44.44	12.01
	14	BOT	4.26	-10.53	-707.10	21.56	14.69
14(13)	14	TOP	-0.13	18.59	-711.43	67.38	0.22
	14	BOT	0.13	-18.59	-711.43	49.16	0.57
14(14)	14	TOP	-0.13	2.46	-702.83	21.49	0.22
	14	BOT	0.13	-2.46	-702.83	-6.04	0.58
14(15)	14	TOP	4.02	9.03	-608.03	38.11	-11.61
	14	BOT	-4.02	-9.03	-608.03	18.49	-13.62
14(16)	14	TOP	-4.24	9.03	-607.97	38.11	11.98
	14	BOT	4.24	-9.03	-607.97	18.49	14.61
14(17)	14	TOP	-0.11	17.09	-612.30	61.08	0.19
	14	BOT	0.11	-17.09	-612.30	46.09	0.49
14(18)	14	TOP	-0.11	0.96	-603.70	15.16	0.19
	14	BOT	0.11	-0.96	-603.70	-9.11	0.50
14(19)	14	TOP	41.46	9.78	-651.77	41.26	-117.80
	14	BOT	-41.46	-9.78	-651.77	20.06	-142.13
14(20)	14	TOP	-41.69	9.75	-651.09	41.18	118.20
	14	BOT	41.69	-9.75	-651.09	19.93	143.19
14(21)	14	TOP	-0.13	59.68	-680.52	182.40	0.24

	14	BOT	0.13	-59.68	-680.52	191.82	0.59
14(22)	14	TOP	-0.10	-40.16	-622.34	-99.95	0.16
	14	BOT	0.10	40.16	-622.34	-151.83	0.47
14(23)	14	TOP	41.48	8.15	-543.20	34.39	-117.84
	14	BOT	-41.48	-8.15	-543.20	16.73	-142.22
14(24)	14	TOP	-41.67	8.12	-542.52	34.31	118.17
	14	BOT	41.67	-8.12	-542.52	16.60	143.10
14(25)	14	TOP	-0.11	58.06	-571.95	175.53	0.21
	14	BOT	0.11	-58.06	-571.95	188.49	0.50
14(26)	14	TOP	-0.08	-41.78	-513.77	-106.82	0.12
	14	BOT	0.08	41.78	-513.77	-155.16	0.38
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15(1)	15	TOP	-0.48	10.83	-735.96	46.01	1.67
	15	BOT	0.48	-10.83	-735.96	21.93	1.31
15(2)	15	TOP	-0.41	9.38	-635.95	39.84	1.45
	15	BOT	0.41	-9.38	-635.95	18.99	1.13
15(3)	15	TOP	4.53	8.71	-599.50	37.00	-12.75
	15	BOT	-4.53	-8.71	-599.50	17.60	-15.65
15(4)	15	TOP	-5.29	8.71	-600.57	37.01	15.41
	15	BOT	5.29	-8.71	-600.57	17.61	17.76
15(5)	15	TOP	-0.38	18.20	-605.10	64.00	1.33
	15	BOT	0.38	-18.20	-605.10	50.08	1.05
15(6)	15	TOP	-0.38	-0.78	-594.98	10.00	1.33
	15	BOT	0.38	0.78	-594.98	-14.87	1.05
15(7)	15	TOP	4.59	7.26	-499.50	30.84	-12.97
	15	BOT	-4.59	-7.26	-499.50	14.67	-15.83
15(8)	15	TOP	-5.23	7.26	-500.57	30.84	15.19
	15	BOT	5.23	-7.26	-500.57	14.67	17.58
15(9)	15	TOP	-0.32	16.74	-505.09	57.84	1.11
	15	BOT	0.32	-16.74	-505.09	47.15	0.88
15(10)	15	TOP	-0.32	-2.23	-494.97	3.84	1.11
	15	BOT	0.32	2.23	-494.97	-17.81	0.88
15(11)	15	TOP	3.71	10.52	-715.12	44.66	-10.34
	15	BOT	-3.71	-10.52	-715.12	21.28	-12.93
15(12)	15	TOP	-4.63	10.52	-716.03	44.66	13.59
	15	BOT	4.63	-10.52	-716.03	21.28	15.47
15(13)	15	TOP	-0.46	18.58	-719.88	67.61	1.62
	15	BOT	0.46	-18.58	-719.88	48.88	1.27
15(14)	15	TOP	-0.46	2.45	-711.27	21.71	1.62
	15	BOT	0.46	-2.45	-711.27	-6.33	1.27
15(15)	15	TOP	3.78	9.06	-615.11	38.49	-10.57
	15	BOT	-3.78	-9.06	-615.11	18.34	-13.11
15(16)	15	TOP	-4.57	9.07	-616.02	38.49	13.37
	15	BOT	4.57	-9.07	-616.02	18.35	15.29
15(17)	15	TOP	-0.40	17.13	-619.87	61.44	1.40
	15	BOT	0.40	-17.13	-619.87	45.95	1.09
15(18)	15	TOP	-0.40	1.00	-611.26	15.54	1.40
	15	BOT	0.40	-1.00	-611.26	-9.26	1.10
15(19)	15	TOP	41.57	9.65	-653.28	40.95	-118.27
	15	BOT	-41.57	-9.65	-653.28	19.57	-142.36
15(20)	15	TOP	-42.41	9.59	-663.30	40.78	121.23
	15	BOT	42.41	-9.59	-663.30	19.34	144.69
15(21)	15	TOP	-0.44	59.47	-687.30	181.84	1.52
	15	BOT	0.44	-59.47	-687.30	191.01	1.22
15(22)	15	TOP	-0.40	-40.22	-629.28	-100.11	1.43
	15	BOT	0.40	40.22	-629.28	-152.10	1.10
15(23)	15	TOP	41.64	8.05	-543.57	34.14	-118.52
	15	BOT	-41.64	-8.05	-543.57	16.33	-142.56
15(24)	15	TOP	-42.34	7.99	-553.58	33.97	120.98
	15	BOT	42.34	-7.99	-553.58	16.10	144.49
15(25)	15	TOP	-0.37	57.86	-577.59	175.03	1.27
	15	BOT	0.37	-57.86	-577.59	187.77	1.03
15(26)	15	TOP	-0.33	-41.83	-519.56	-106.92	1.19

	15	BOT	0.33	41.83	-519.56	-155.34	0.91
16(1)	16	TOP	4.84	7.15	-499.86	30.79	-20.63
	16	BOT	-4.84	-7.15	-499.86	14.03	-9.74
16(2)	16	TOP	4.21	6.16	-427.78	26.53	-17.94
	16	BOT	-4.21	-6.16	-427.78	12.09	-8.47
16(3)	16	TOP	8.18	5.93	-436.97	25.55	-28.05
	16	BOT	-8.18	-5.93	-436.97	11.62	-23.24
16(4)	16	TOP	-0.62	5.94	-428.02	25.59	-4.17
	16	BOT	0.62	-5.94	-428.02	11.64	8.06
16(5)	16	TOP	3.78	15.42	-437.56	52.57	-16.11
	16	BOT	-3.78	-15.42	-437.56	44.11	-7.59
16(6)	16	TOP	3.78	-3.55	-427.43	-1.43	-16.11
	16	BOT	-3.78	3.55	-427.43	-20.85	-7.59
16(7)	16	TOP	7.55	4.94	-364.89	21.29	-25.37
	16	BOT	-7.55	-4.94	-364.89	9.68	-21.97
16(8)	16	TOP	-1.25	4.95	-355.93	21.33	-1.49
	16	BOT	1.25	-4.95	-355.93	9.71	9.32
16(9)	16	TOP	3.15	14.43	-365.48	48.31	-13.43
	16	BOT	-3.15	-14.43	-365.48	42.17	-6.33
16(10)	16	TOP	3.15	-4.54	-355.35	-5.69	-13.43
	16	BOT	-3.15	4.54	-355.35	-22.79	-8.32
16(11)	16	TOP	8.42	6.96	-493.56	29.99	-30.10
	16	BOT	-8.42	-6.96	-493.56	13.66	-22.72
16(12)	16	TOP	0.94	6.97	-485.95	30.03	-9.80
	16	BOT	-0.94	-6.97	-485.95	13.68	3.88
16(13)	16	TOP	4.68	15.03	-494.06	52.96	-19.95
	16	BOT	-4.68	-15.03	-494.06	41.28	-9.42
16(14)	16	TOP	4.68	-1.10	-485.45	7.06	-19.95
	16	BOT	-4.68	1.10	-485.45	-13.94	-9.42
16(15)	16	TOP	7.79	5.97	-421.48	25.73	-27.41
	16	BOT	-7.79	-5.97	-421.48	11.72	-21.45
16(16)	16	TOP	0.31	5.98	-413.87	25.76	-7.11
	16	BOT	-0.31	-5.98	-413.87	11.74	5.15
16(17)	16	TOP	4.05	14.04	-421.98	48.70	-17.26
	16	BOT	-4.05	-14.04	-421.98	39.34	-8.15
16(18)	16	TOP	4.05	-2.09	-413.37	2.80	-17.26
	16	BOT	-4.05	2.09	-413.37	-15.88	-8.15
16(19)	16	TOP	41.70	6.43	-503.22	27.74	-118.81
	16	BOT	-41.70	-6.43	-503.22	12.55	-142.62
16(20)	16	TOP	-33.22	6.48	-419.51	27.88	82.71
	16	BOT	33.22	-6.48	-419.51	12.76	125.60
16(21)	16	TOP	4.22	56.22	-490.26	168.59	-18.02
	16	BOT	-4.22	-56.22	-490.26	183.94	-8.46
16(22)	16	TOP	4.25	-43.32	-432.47	-112.97	-18.08
	16	BOT	-4.25	43.32	-432.47	-158.62	-8.57
16(23)	16	TOP	40.99	5.36	-426.33	23.10	-115.80
	16	BOT	-40.99	-5.36	-426.33	10.44	-141.21
16(24)	16	TOP	-33.93	5.40	-342.61	23.25	65.72
	16	BOT	33.93	-5.40	-342.61	10.65	127.02
16(25)	16	TOP	3.52	55.15	-413.36	163.95	-15.01
	16	BOT	-3.52	-55.15	-413.36	181.83	-7.04
16(26)	16	TOP	3.54	-44.39	-355.58	-117.60	-15.07
	16	BOT	-3.54	44.39	-355.58	-160.73	-7.15
17(1)	17	TOP	-7.71	-5.70	-524.27	-25.06	32.11
	17	BOT	7.71	5.70	-524.27	-10.70	16.21
17(2)	17	TOP	-6.63	-4.89	-447.78	-21.49	27.63
	17	BOT	6.63	4.89	-447.78	-9.17	13.95
17(3)	17	TOP	-2.04	-4.89	-454.44	-21.46	14.90
	17	BOT	2.04	4.89	-454.44	-9.18	-2.11
17(4)	17	TOP	-10.84	-4.88	-463.40	-21.44	38.78
	17	BOT	10.84	4.88	-463.40	-9.18	29.19
17(5)	17	TOP	-6.45	4.59	-453.85	5.53	26.89

	17	BOT	6.45	-4.59	-453.85	23.27	13.57
17(6)	17	TOP	-6.43	-14.37	-463.99	-48.44	26.79
	17	BOT	6.43	14.37	-463.99	-41.64	13.52
17(7)	17	TOP	-0.97	-4.07	-377.96	-17.89	10.42
	17	BOT	0.97	4.07	-377.96	-7.65	-4.36
17(8)	17	TOP	-9.77	-4.07	-386.91	-17.87	34.31
	17	BOT	9.77	4.07	-386.91	-7.65	26.93
17(9)	17	TOP	-5.38	5.41	-377.37	9.11	22.42
	17	BOT	5.38	-5.41	-377.37	24.80	11.31
17(10)	17	TOP	-5.36	-13.55	-387.50	-44.86	22.32
	17	BOT	5.36	13.55	-387.50	-40.11	11.26
17(11)	17	TOP	-3.78	-5.58	-510.66	-24.53	21.17
	17	BOT	3.78	5.58	-510.66	-10.48	2.51
17(12)	17	TOP	-11.26	-5.58	-518.27	-24.51	41.47
	17	BOT	11.26	5.58	-518.27	-10.47	29.11
17(13)	17	TOP	-7.53	2.48	-510.16	-1.58	31.36
	17	BOT	7.53	-2.48	-510.16	17.11	15.83
17(14)	17	TOP	-7.51	-13.64	-518.77	-47.46	31.27
	17	BOT	7.51	13.64	-518.77	-38.06	15.79
17(15)	17	TOP	-2.70	-4.77	-434.17	-20.95	16.69
	17	BOT	2.70	4.77	-434.17	-8.95	0.25
17(16)	17	TOP	-10.18	-4.77	-441.79	-20.94	36.99
	17	BOT	10.18	4.77	-441.79	-8.94	26.85
17(17)	17	TOP	-6.45	3.29	-433.67	1.99	26.88
	17	BOT	6.45	-3.29	-433.67	18.64	13.57
17(18)	17	TOP	-6.43	-12.83	-442.29	-43.88	26.80
	17	BOT	6.43	12.83	-442.29	-36.53	13.53
17(19)	17	TOP	30.47	-5.30	-445.21	-23.20	-71.66
	17	BOT	-30.47	5.30	-445.21	-10.04	-119.42
17(20)	17	TOP	-44.44	-5.17	-528.65	-22.80	129.85
	17	BOT	44.44	5.17	-528.65	-9.63	148.79
17(21)	17	TOP	-7.03	45.06	-457.34	119.17	29.34
	17	BOT	7.03	-45.06	-457.34	163.35	14.77
17(22)	17	TOP	-6.93	-55.53	-516.51	-165.17	28.85
	17	BOT	6.93	55.53	-516.51	-183.02	14.60
17(23)	17	TOP	31.64	-4.43	-364.05	-19.37	-76.51
	17	BOT	-31.64	4.43	-364.05	-8.40	-121.86
17(24)	17	TOP	-43.28	-4.30	-447.49	-18.96	125.00
	17	BOT	43.28	4.30	-447.49	-7.99	146.34
17(25)	17	TOP	-5.87	45.93	-376.19	123.00	24.49
	17	BOT	5.87	-45.93	-376.19	164.99	12.32
17(26)	17	TOP	-5.77	-54.66	-435.36	-161.33	24.00
	17	BOT	5.77	54.66	-435.36	-181.38	12.15

18(1)	18	TOP	4.97	-4.60	-759.23	-20.14	-21.05
	18	BOT	-4.97	4.60	-759.23	-8.68	-10.12
18(2)	18	TOP	4.25	-4.06	-656.26	-17.78	-18.00
	18	BOT	-4.25	4.06	-656.26	-7.69	-8.66
18(3)	18	TOP	9.23	-3.21	-618.37	-14.18	-32.34
	18	BOT	-9.23	3.21	-618.37	-5.94	-25.51
18(4)	18	TOP	-0.59	-3.21	-617.30	-14.18	-4.19
	18	BOT	0.59	3.21	-617.30	-5.94	7.90
18(5)	18	TOP	4.32	6.27	-612.79	12.80	-18.27
	18	BOT	-4.32	-6.27	-612.79	26.52	-8.81
18(6)	18	TOP	4.32	-12.69	-622.88	-41.18	-18.26
	18	BOT	-4.32	12.69	-622.88	-38.40	-8.80
18(7)	18	TOP	8.51	-2.67	-515.40	-11.82	-29.30
	18	BOT	-8.51	2.67	-515.40	-4.95	-24.04
18(8)	18	TOP	-1.31	-2.68	-514.33	-11.83	-1.14
	18	BOT	1.31	2.68	-514.33	-4.95	9.37
18(9)	18	TOP	3.60	6.81	-509.82	15.16	-15.23
	18	BOT	-3.60	-6.81	-509.82	27.51	-7.34
18(10)	18	TOP	3.60	-12.16	-519.91	-38.81	-15.22
	18	BOT	-3.60	12.16	-519.91	-37.41	-7.34

18(11)	18	TOP	9.05	-4.39	-738.48	-19.25	-32.60
	18	BOT	-9.05	4.39	-738.48	-8.26	-24.13
18(12)	18	TOP	0.70	-4.39	-737.57	-18.25	-8.66
	18	BOT	-0.70	4.39	-737.57	-8.27	4.27
18(13)	18	TOP	4.87	3.67	-733.73	3.69	-20.63
	18	BOT	-4.87	-3.67	-733.73	19.32	-9.93
18(14)	18	TOP	4.87	-12.45	-742.31	-42.19	-20.63
	18	BOT	-4.87	12.45	-742.31	-35.88	-9.92
18(15)	18	TOP	8.33	-3.85	-635.50	-16.88	-29.55
	18	BOT	-8.33	3.85	-635.50	-7.27	-22.66
18(16)	18	TOP	-0.02	-3.85	-634.59	-16.89	-5.62
	18	BOT	0.02	3.85	-634.59	-7.28	5.74
18(17)	18	TOP	4.15	4.21	-630.76	6.06	-17.59
	18	BOT	-4.15	-4.21	-630.76	20.31	-8.46
18(18)	18	TOP	4.15	-11.91	-639.34	-39.82	-17.58
	18	BOT	-4.15	11.91	-639.34	-34.87	-8.46
18(19)	18	TOP	46.58	-3.83	-683.52	-16.81	-139.20
	18	BOT	-46.58	3.83	-683.52	-7.22	-152.88
18(20)	18	TOP	-37.39	-3.78	-673.35	-16.67	100.28
	18	BOT	37.39	3.78	-673.35	-7.01	134.14
18(21)	18	TOP	4.62	46.42	-649.10	125.23	-19.53
	18	BOT	-4.62	-46.42	-649.10	165.80	-9.44
18(22)	18	TOP	4.58	-54.02	-707.77	-158.71	-19.39
	18	BOT	-4.58	54.02	-707.77	-180.03	-9.30
18(23)	18	TOP	45.82	-3.20	-570.45	-14.02	-135.96
	18	BOT	-45.82	3.20	-570.45	-6.03	-151.32
18(24)	18	TOP	-38.15	-3.14	-560.28	-13.88	103.53
	18	BOT	38.15	3.14	-560.28	-5.82	135.70
18(25)	18	TOP	3.85	47.05	-536.03	128.02	-16.28
	18	BOT	-3.85	-47.05	-536.03	166.98	-7.88
18(26)	18	TOP	3.81	-53.39	-594.69	-155.92	-16.15
	18	BOT	-3.81	53.39	-594.69	-178.84	-7.74

19(1)	19	TOP	-0.59	-10.67	-722.80	-45.37	2.27
	19	BOT	0.59	10.67	-722.80	-21.51	1.43
19(2)	19	TOP	-0.51	-9.24	-624.65	-39.29	1.94
	19	BOT	0.51	9.24	-624.65	-18.63	1.23
19(3)	19	TOP	4.35	-8.57	-588.87	-36.46	-11.89
	19	BOT	-4.35	8.57	-588.87	-17.25	-15.38
19(4)	19	TOP	-5.37	-8.57	-588.93	-36.46	15.86
	19	BOT	5.37	8.57	-588.93	-17.26	17.83
19(5)	19	TOP	-0.51	0.92	-583.84	-9.47	1.98
	19	BOT	0.51	-0.92	-583.84	15.21	1.23
19(6)	19	TOP	-0.51	-18.05	-593.96	-63.45	1.98
	19	BOT	0.51	18.05	-593.96	-49.72	1.23
19(7)	19	TOP	4.44	-7.14	-490.72	-30.38	-12.22
	19	BOT	-4.44	7.14	-490.72	-14.38	-15.58
19(8)	19	TOP	-5.29	-7.14	-490.78	-30.38	15.53
	19	BOT	5.29	7.14	-490.78	-14.38	17.63
19(9)	19	TOP	-0.43	2.34	-485.69	-3.39	1.65
	19	BOT	0.43	-2.34	-485.69	18.08	1.02
19(10)	19	TOP	-0.43	-16.62	-495.81	-57.37	1.65
	19	BOT	0.43	16.62	-495.81	-46.84	1.02
19(11)	19	TOP	3.55	-10.35	-702.68	-44.03	-9.57
	19	BOT	-3.55	10.35	-702.68	-20.87	-12.72
19(12)	19	TOP	-4.71	-10.35	-702.74	-44.03	14.02
	19	BOT	4.71	10.35	-702.74	-20.87	15.52
19(13)	19	TOP	-0.58	-2.29	-698.41	-21.09	2.23
	19	BOT	0.58	2.29	-698.41	6.72	1.40
19(14)	19	TOP	-0.58	-18.41	-707.01	-66.97	2.23
	19	BOT	0.58	18.41	-707.01	-48.47	1.40
19(15)	19	TOP	3.64	-8.92	-604.53	-37.95	-9.90
	19	BOT	-3.64	8.92	-604.53	-17.99	-12.92
19(16)	19	TOP	-4.63	-8.92	-604.59	-37.95	13.69

	19	BOT	4.63	8.92	-604.59	-18.00	15.31
19(17)	19	TOP	-0.49	-0.86	-600.26	-15.01	1.90
	19	BOT	0.49	0.86	-600.26	9.68	1.20
19(18)	19	TOP	-0.49	-16.98	-608.86	-60.90	1.90
	19	BOT	0.49	16.98	-608.86	-45.59	1.19
19(19)	19	TOP	41.02	-9.49	-645.99	-40.33	-115.88
	19	BOT	-41.02	9.49	-645.99	-19.15	-141.33
19(20)	19	TOP	-42.11	-9.45	-646.58	-40.23	120.10
	19	BOT	42.11	9.45	-646.58	-19.81	143.95
19(21)	19	TOP	-0.53	40.68	-616.95	101.49	2.07
	19	BOT	0.53	-40.68	-616.95	153.56	1.25
19(22)	19	TOP	-0.56	-59.61	-675.62	-182.05	2.15
	19	BOT	0.56	59.61	-675.62	-191.72	1.37
19(23)	19	TOP	41.11	-7.91	-538.28	-33.61	-116.24
	19	BOT	-41.11	7.91	-538.28	-15.97	-141.55
19(24)	19	TOP	-42.02	-7.87	-538.86	-33.52	119.75
	19	BOT	42.02	7.87	-538.86	-15.83	143.74
19(25)	19	TOP	-0.44	42.26	-509.24	108.20	1.71
	19	BOT	0.44	-42.26	-509.24	156.74	1.04
19(26)	19	TOP	-0.47	-58.03	-567.90	-175.33	1.80
	19	BOT	0.47	58.03	-567.90	-188.54	1.15

20(1)	20	TOP	-0.06	-10.47	-723.80	-44.26	0.03
	20	BOT	0.06	10.47	-723.80	-21.37	0.32
20(2)	20	TOP	-0.05	-9.01	-625.11	-38.12	0.03
	20	BOT	0.05	9.01	-625.11	-18.40	0.28
20(3)	20	TOP	4.83	-8.72	-592.16	-36.87	-13.89
	20	BOT	-4.83	8.72	-592.16	-17.80	-16.37
20(4)	20	TOP	-4.91	-8.72	-592.16	-36.87	13.91
	20	BOT	4.91	8.72	-592.16	-17.80	16.87
20(5)	20	TOP	-0.04	0.76	-587.10	-9.88	0.01
	20	BOT	0.04	-0.76	-587.10	14.67	0.25
20(6)	20	TOP	-0.04	-18.20	-597.22	-63.87	0.01
	20	BOT	0.04	18.20	-597.22	-50.26	0.25
20(7)	20	TOP	4.83	-7.27	-493.47	-30.73	-13.89
	20	BOT	-4.83	7.27	-493.47	-14.83	-16.41
20(8)	20	TOP	-4.90	-7.27	-493.46	-30.73	13.91
	20	BOT	4.90	7.27	-493.46	-14.83	16.82
20(9)	20	TOP	-0.03	2.22	-488.41	-3.74	0.01
	20	BOT	0.03	-2.22	-488.41	17.64	0.21
20(10)	20	TOP	-0.03	-16.75	-498.53	-57.72	0.01
	20	BOT	0.03	16.75	-498.53	-47.30	0.21
20(11)	20	TOP	4.08	-10.20	-704.06	-43.15	-11.78
	20	BOT	-4.08	10.20	-704.06	-20.83	-13.82
20(12)	20	TOP	-4.19	-10.21	-704.06	-43.15	11.84
	20	BOT	4.19	10.21	-704.06	-20.83	14.43
20(13)	20	TOP	-0.05	-2.14	-699.76	-20.21	0.03
	20	BOT	0.05	2.14	-699.76	6.77	0.31
20(14)	20	TOP	-0.05	-18.27	-708.36	-66.10	0.03
	20	BOT	0.05	18.27	-708.36	-48.43	0.31
20(15)	20	TOP	4.09	-8.75	-605.37	-37.01	-11.78
	20	BOT	-4.09	8.75	-605.37	-17.86	-13.86
20(16)	20	TOP	-4.18	-8.75	-605.36	-37.01	11.84
	20	BOT	4.18	8.75	-605.36	-17.87	14.39
20(17)	20	TOP	-0.05	-0.69	-601.06	-14.08	0.03
	20	BOT	0.05	0.69	-601.06	9.73	0.27
20(18)	20	TOP	-0.05	-16.81	-609.67	-59.95	0.03
	20	BOT	0.05	16.81	-609.67	-45.46	0.27
20(19)	20	TOP	41.56	-9.47	-648.60	-40.06	-118.14
	20	BOT	-41.56	9.47	-648.60	-19.35	-142.45
20(20)	20	TOP	-41.66	-9.46	-648.55	-40.02	118.18
	20	BOT	41.66	9.46	-648.55	-19.30	143.00
20(21)	20	TOP	-0.03	40.60	-619.33	101.53	-0.02
	20	BOT	0.03	-40.60	-619.33	153.04	0.22

20(22)	20	TOP	-0.06	-59.54	-677.83	-181.61	0.06
	20	BOT	0.06	59.54	-677.83	-191.89	0.34
20(23)	20	TOP	41.57	-7.90	-540.51	-33.38	-118.16
	20	BOT	-41.57	7.90	-540.51	-16.13	-142.49
20(24)	20	TOP	-41.65	-7.88	-540.46	-33.35	118.18
	20	BOT	41.65	7.88	-540.46	-16.08	142.96
20(25)	20	TOP	-0.02	42.18	-511.23	108.20	-0.03
	20	BOT	0.02	-42.18	-511.23	156.26	0.17
20(26)	20	TOP	-0.06	-57.96	-589.73	-174.94	0.06
	20	BOT	0.06	57.96	-589.73	-188.47	0.29

21(1)	21	TOP	-0.12	-10.60	-723.94	-44.54	0.28
	21	BOT	0.12	10.60	-723.94	-21.91	0.44
21(2)	21	TOP	-0.10	-9.13	-625.22	-38.36	0.24
	21	BOT	0.10	9.13	-625.22	-18.86	0.38
21(3)	21	TOP	4.77	-8.83	-592.29	-37.13	-13.67
	21	BOT	-4.77	8.83	-592.29	-18.28	-16.26
21(4)	21	TOP	-4.96	-8.83	-592.29	-37.13	14.12
	21	BOT	4.96	8.83	-592.29	-18.26	16.97
21(5)	21	TOP	-0.09	0.65	-587.23	-10.14	0.22
	21	BOT	0.09	-0.65	-587.23	14.21	0.36
21(6)	21	TOP	-0.09	-18.32	-597.35	-64.13	0.22
	21	BOT	0.09	18.32	-597.35	-50.73	0.35
21(7)	21	TOP	4.79	-7.36	-493.57	-30.94	-13.71
	21	BOT	-4.79	7.36	-493.57	-15.22	-16.32
21(8)	21	TOP	-4.94	-7.36	-493.57	-30.94	14.08
	21	BOT	4.94	7.36	-493.57	-15.22	16.91
21(9)	21	TOP	-0.08	2.12	-488.51	-3.95	0.19
	21	BOT	0.08	-2.12	-488.51	17.25	0.30
21(10)	21	TOP	-0.08	-16.85	-498.63	-57.94	0.19
	21	BOT	0.08	16.85	-498.63	-47.69	0.29
21(11)	21	TOP	4.02	-10.33	-704.19	-43.43	-11.54
	21	BOT	-4.02	10.33	-704.19	-21.36	-13.69
21(12)	21	TOP	-4.25	-10.33	-704.19	-43.43	12.09
	21	BOT	4.25	10.33	-704.19	-21.36	14.55
21(13)	21	TOP	-0.11	-2.27	-699.89	-20.49	0.27
	21	BOT	0.11	2.27	-699.89	6.24	0.43
21(14)	21	TOP	-0.11	-18.40	-708.49	-66.38	0.27
	21	BOT	0.11	18.40	-708.49	-48.96	0.43
21(15)	21	TOP	4.04	-8.86	-605.47	-37.24	-11.58
	21	BOT	-4.04	8.86	-605.47	-18.32	-13.75
21(16)	21	TOP	-4.23	-8.86	-605.48	-37.24	12.05
	21	BOT	4.23	8.86	-605.48	-18.31	14.50
21(17)	21	TOP	-0.10	-0.80	-601.17	-14.30	0.24
	21	BOT	0.10	0.80	-601.17	9.28	0.37
21(18)	21	TOP	-0.10	-16.92	-609.78	-60.19	0.24
	21	BOT	0.10	16.92	-609.78	-45.92	0.37
21(19)	21	TOP	41.51	-9.58	-648.69	-40.29	-117.91
	21	BOT	-41.51	9.58	-648.69	-19.80	-142.33
21(20)	21	TOP	-41.71	-9.60	-648.73	-40.32	118.41
	21	BOT	41.71	9.60	-648.73	-19.84	143.12
21(21)	21	TOP	-0.09	40.40	-619.54	101.06	0.21
	21	BOT	0.09	-40.40	-619.54	152.27	0.33
21(22)	21	TOP	-0.12	-59.59	-677.88	-181.68	0.29
	21	BOT	0.12	59.59	-677.88	-191.92	0.45
21(23)	21	TOP	41.52	-7.99	-540.57	-33.58	-117.95
	21	BOT	-41.52	7.99	-540.57	-16.50	-142.40
21(24)	21	TOP	-41.69	-8.00	-540.61	-33.60	118.37
	21	BOT	41.69	8.00	-540.61	-16.54	143.05
21(25)	21	TOP	-0.07	42.00	-511.42	107.78	0.16
	21	BOT	0.07	-42.00	-511.42	155.58	0.27
21(26)	21	TOP	-0.10	-57.99	-589.76	-174.96	0.25
	21	BOT	0.10	57.99	-589.76	-188.62	0.39

22(1)	22	TOP	-0.09	-10.72	-723.88	-44.81	0.16
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	22	BOT	0.09	10.72	-723.88	-22.44	0.38
22(2)	22	TOP	-0.07	-9.23	-625.18	-38.58	0.14
	22	BOT	0.07	9.23	-625.18	-19.32	0.33
22(3)	22	TOP	4.79	-8.94	-592.26	-37.35	-13.75
	22	BOT	-4.79	8.94	-592.26	-18.71	-16.30
22(4)	22	TOP	-4.93	-8.94	-592.20	-37.35	14.00
	22	BOT	4.93	8.94	-592.20	-18.70	16.91
22(5)	22	TOP	-0.07	0.54	-587.17	-10.35	0.13
	22	BOT	0.07	-0.54	-587.17	13.77	0.31
22(6)	22	TOP	-0.07	-18.43	-597.29	-64.35	0.12
	22	BOT	0.07	18.43	-597.29	-51.18	0.30
22(7)	22	TOP	4.80	-7.45	-493.56	-31.13	-13.77
	22	BOT	-4.80	7.45	-493.56	-15.59	-16.35
22(8)	22	TOP	-4.92	-7.45	-493.49	-31.12	13.98
	22	BOT	4.92	7.45	-493.49	-15.59	16.86
22(9)	22	TOP	-0.06	2.03	-488.46	-4.13	0.10
	22	BOT	0.06	-2.03	-488.46	16.89	0.26
22(10)	22	TOP	-0.06	-16.94	-498.59	-58.12	0.10
	22	BOT	0.06	16.94	-498.59	-48.06	0.25
22(11)	22	TOP	4.05	-10.46	-704.16	-43.69	-11.64
	22	BOT	-4.05	10.46	-704.16	-21.88	-13.75
22(12)	22	TOP	-4.22	-10.46	-704.11	-43.69	11.95
	22	BOT	4.22	10.46	-704.11	-21.87	14.49
22(13)	22	TOP	-0.08	-2.39	-699.83	-20.74	0.15
	22	BOT	0.08	2.39	-699.83	5.73	0.37
22(14)	22	TOP	-0.08	-18.52	-708.44	-66.64	0.15
	22	BOT	0.08	18.52	-708.44	-49.48	0.37
22(15)	22	TOP	4.06	-8.97	-605.46	-37.47	-11.68
	22	BOT	-4.06	8.97	-605.46	-18.76	-13.80
22(16)	22	TOP	-4.20	-8.97	-605.40	-37.46	11.93
	22	BOT	4.20	8.97	-605.40	-18.76	14.44
22(17)	22	TOP	-0.07	-0.90	-601.13	-14.52	0.13
	22	BOT	0.07	0.90	-601.13	8.84	0.32
22(18)	22	TOP	-0.07	-17.03	-609.73	-60.41	0.13
	22	BOT	0.07	17.03	-609.73	-46.38	0.32
22(19)	22	TOP	41.49	-9.69	-648.94	-40.50	-117.85
	22	BOT	-41.49	9.69	-648.94	-20.24	-142.30
22(20)	22	TOP	-41.64	-9.72	-648.36	-40.59	118.13
	22	BOT	41.64	9.72	-648.36	-20.37	142.98
22(21)	22	TOP	-0.06	40.21	-619.56	100.63	0.10
	22	BOT	0.06	-40.21	-619.56	151.52	0.28
22(22)	22	TOP	-0.09	-59.62	-677.74	-181.72	0.18
	22	BOT	0.09	59.62	-677.74	-192.13	0.40
22(23)	22	TOP	41.50	-8.07	-540.84	-33.74	-117.88
	22	BOT	-41.50	8.07	-540.84	-16.88	-142.36
22(24)	22	TOP	-41.63	-8.10	-540.25	-33.83	118.11
	22	BOT	41.63	8.10	-540.25	-16.98	142.92
22(25)	22	TOP	-0.05	41.83	-511.46	107.39	0.07
	22	BOT	0.05	-41.83	-511.46	154.90	0.22
22(26)	22	TOP	-0.08	-58.01	-569.63	-174.96	0.16
	22	BOT	0.08	58.01	-569.63	-188.74	0.34

23(1)	23	TOP	-0.38	-10.82	-731.31	-44.93	1.40
	23	BOT	0.38	10.82	-731.31	-22.89	1.00
23(2)	23	TOP	-0.33	-9.32	-631.56	-38.69	1.21
	23	BOT	0.33	9.32	-631.56	-19.72	0.86
23(3)	23	TOP	4.60	-9.01	-597.97	-37.42	-12.94
	23	BOT	-4.60	9.01	-597.97	-19.08	-15.90
23(4)	23	TOP	-5.22	-9.01	-599.04	-37.41	15.21
	23	BOT	5.22	9.01	-599.04	-19.07	17.51
23(5)	23	TOP	-0.31	0.48	-593.44	-10.41	1.13
	23	BOT	0.31	-0.48	-593.44	13.40	0.81
23(6)	23	TOP	-0.31	-18.49	-603.57	-64.41	1.13
	23	BOT	0.31	18.49	-603.57	-51.55	0.80

23(7)	23	TOP	4.65	-7.51	-498.22	-31.18	-13.13
	23	BOT	-4.65	7.51	-498.22	-15.90	-16.04
23(8)	23	TOP	-5.17	-7.51	-499.29	-31.17	15.02
	23	BOT	5.17	7.51	-499.29	-15.89	17.38
23(9)	23	TOP	-0.26	1.98	-493.69	-4.18	0.95
	23	BOT	0.26	-1.98	-493.69	16.58	0.87
23(10)	23	TOP	-0.26	-16.99	-503.82	-58.18	0.94
	23	BOT	0.26	16.99	-503.82	-48.37	0.87
23(11)	23	TOP	3.80	-10.55	-710.93	-43.80	-10.61
	23	BOT	-3.80	10.55	-710.93	-22.33	-13.23
23(12)	23	TOP	-4.54	-10.54	-711.84	-43.80	13.33
	23	BOT	4.54	10.54	-711.84	-22.32	15.17
23(13)	23	TOP	-0.37	-2.48	-707.09	-20.85	1.36
	23	BOT	0.37	2.48	-707.09	5.28	0.97
23(14)	23	TOP	-0.37	-18.61	-715.69	-66.75	1.36
	23	BOT	0.37	18.61	-715.69	-49.93	0.97
23(15)	23	TOP	3.85	-9.05	-611.18	-37.57	-10.80
	23	BOT	-3.85	9.05	-611.18	-19.15	-13.37
23(16)	23	TOP	-4.49	-9.04	-612.09	-37.56	13.14
	23	BOT	4.49	9.04	-612.09	-19.14	15.03
23(17)	23	TOP	-0.32	-0.98	-607.33	-14.62	1.17
	23	BOT	0.32	0.98	-607.33	8.46	0.84
23(18)	23	TOP	-0.32	-17.11	-615.94	-60.52	1.17
	23	BOT	0.32	17.11	-615.94	-46.75	0.83
23(19)	23	TOP	41.64	-9.76	-650.34	-40.57	-118.49
	23	BOT	-41.64	9.76	-650.34	-20.61	-142.62
23(20)	23	TOP	-42.33	-9.81	-660.51	-40.70	120.99
	23	BOT	42.33	9.81	-660.51	-20.81	144.39
23(21)	23	TOP	-0.32	40.06	-626.41	100.34	1.20
	23	BOT	0.32	-40.06	-626.41	150.84	0.83
23(22)	23	TOP	-0.36	-59.63	-684.43	-181.61	1.29
	23	BOT	0.36	59.63	-684.43	-192.26	0.95
23(23)	23	TOP	41.70	-8.13	-541.10	-33.80	-118.70
	23	BOT	-41.70	8.13	-541.10	-17.16	-142.77
23(24)	23	TOP	-42.27	-8.18	-551.27	-33.93	120.78
	23	BOT	42.27	8.18	-551.27	-17.36	144.25
23(25)	23	TOP	-0.27	41.69	-517.17	107.12	1.00
	23	BOT	0.27	-41.69	-517.17	154.29	0.68
23(26)	23	TOP	-0.30	-58.00	-575.20	-174.84	1.08
	23	BOT	0.30	58.00	-575.20	-188.81	0.80

24(1)	24	TOP	4.81	-7.59	-497.83	-31.11	-20.39
	24	BOT	-4.81	7.59	-497.83	-16.49	-9.80
24(2)	24	TOP	4.19	-6.49	-425.63	-26.58	-17.73
	24	BOT	-4.19	6.49	-425.63	-14.09	-8.52
24(3)	24	TOP	8.16	-6.62	-437.67	-27.16	-27.89
	24	BOT	-8.16	6.62	-437.67	-14.36	-23.30
24(4)	24	TOP	-0.64	-6.63	-428.71	-27.18	-4.00
	24	BOT	0.64	6.63	-428.71	-14.37	7.99
24(5)	24	TOP	3.76	2.86	-428.13	-0.17	-15.94
	24	BOT	-3.76	-2.86	-428.13	18.12	-7.65
24(6)	24	TOP	3.76	-16.11	-438.25	-54.17	-15.95
	24	BOT	-3.76	16.11	-438.25	-46.84	-7.66
24(7)	24	TOP	7.54	-5.52	-365.47	-22.63	-25.23
	24	BOT	-7.54	5.52	-365.47	-11.97	-22.03
24(8)	24	TOP	-1.26	-5.52	-356.51	-22.65	-1.35
	24	BOT	1.26	5.52	-356.51	-11.97	9.27
24(9)	24	TOP	3.14	3.97	-355.93	4.36	-13.29
	24	BOT	-3.14	-3.97	-355.93	20.51	-6.38
24(10)	24	TOP	3.14	-15.01	-366.06	-49.64	-13.29
	24	BOT	-3.14	15.01	-366.06	-44.45	-6.38
24(11)	24	TOP	8.40	-7.44	-491.94	-30.51	-29.87
	24	BOT	-8.40	7.44	-491.94	-16.17	-22.78

24(12)	24	TOP	0.92	-7.45	-484.32	-30.53	-9.57
	24	BOT	-0.92	7.45	-484.32	-16.17	3.83
24(13)	24	TOP	4.66	0.62	-483.83	-7.57	-19.72
	24	BOT	-4.66	-0.62	-483.83	11.44	-9.47
24(14)	24	TOP	4.66	-15.51	-492.44	-53.47	-19.72
	24	BOT	-4.66	15.51	-492.44	-43.77	-9.48
24(15)	24	TOP	7.77	-6.34	-419.74	-25.98	-27.21
	24	BOT	-7.77	6.34	-419.74	-13.77	-21.50
24(16)	24	TOP	0.29	-6.34	-412.13	-26.00	-6.91
	24	BOT	-0.29	6.34	-412.13	-13.77	5.10
24(17)	24	TOP	4.03	1.72	-411.63	-3.04	-17.06
	24	BOT	-4.03	-1.72	-411.63	13.84	-8.20
24(18)	24	TOP	4.03	-14.41	-420.24	-48.94	-17.06
	24	BOT	-4.03	14.41	-420.24	-41.38	-8.20
24(19)	24	TOP	41.67	-6.97	-502.63	-28.65	-118.60
	24	BOT	-41.67	6.97	-502.63	-15.07	-142.67
24(20)	24	TOP	-33.24	-7.11	-419.16	-29.07	82.91
	24	BOT	33.24	7.11	-419.16	-15.48	125.53
24(21)	24	TOP	4.23	42.73	-432.00	111.92	-17.88
	24	BOT	-4.23	-42.73	-432.00	156.01	-8.63
24(22)	24	TOP	4.20	-56.81	-489.79	-169.63	-17.82
	24	BOT	-4.20	56.81	-489.79	-186.55	-8.52
24(23)	24	TOP	40.97	-5.80	-425.81	-23.84	-115.63
	24	BOT	-40.97	5.80	-425.81	-12.52	-141.24
24(24)	24	TOP	-33.95	-5.93	-342.34	-24.26	85.88
	24	BOT	33.95	5.93	-342.34	-12.93	126.96
24(25)	24	TOP	3.53	43.90	-355.18	116.73	-14.90
	24	BOT	-3.53	-43.90	-355.18	158.55	-7.20
24(26)	24	TOP	3.50	-55.63	-412.97	-184.83	-14.84
	24	BOT	-3.50	55.63	-412.97	-184.01	-7.09

25(1)	25	TOP	-6.05	7.49	-416.62	30.36	25.42
	25	BOT	6.05	-7.49	-416.62	16.61	12.53
25(2)	25	TOP	-5.18	6.42	-354.54	26.03	21.74
	25	BOT	5.18	-6.42	-354.54	14.25	10.71
25(3)	25	TOP	-0.89	6.43	-367.50	26.06	10.27
	25	BOT	0.89	-6.43	-367.50	14.24	-4.71
25(4)	25	TOP	-9.63	6.37	-377.47	25.84	33.93
	25	BOT	9.63	-6.37	-377.47	14.12	26.47
25(5)	25	TOP	-5.24	15.57	-381.84	51.61	22.01
	25	BOT	5.24	-15.57	-381.84	45.99	10.84
25(6)	25	TOP	-5.28	-2.77	-363.13	0.28	22.19
	25	BOT	5.28	2.77	-363.13	-17.63	10.92
25(7)	25	TOP	-0.01	5.36	-305.42	21.73	6.59
	25	BOT	0.01	-5.36	-305.42	11.87	-6.52
25(8)	25	TOP	-8.76	5.31	-315.39	21.52	30.24
	25	BOT	8.76	-5.31	-315.39	11.76	24.66
25(9)	25	TOP	-4.36	14.50	-319.76	47.29	18.33
	25	BOT	4.36	-14.50	-319.76	43.62	9.03
25(10)	25	TOP	-4.40	-3.83	-301.05	-4.04	18.50
	25	BOT	4.40	3.83	-301.05	-19.99	9.11
25(11)	25	TOP	-2.22	7.35	-405.76	29.79	14.87
	25	BOT	2.22	-7.35	-405.76	16.30	-0.97
25(12)	25	TOP	-9.65	7.31	-414.23	29.61	34.98
	25	BOT	9.65	-7.31	-414.23	16.20	25.54
25(13)	25	TOP	-5.92	15.12	-417.95	51.51	24.85
	25	BOT	5.92	-15.12	-417.95	43.28	12.25
25(14)	25	TOP	-5.95	-0.46	-402.05	7.88	25.00
	25	BOT	5.95	0.46	-402.05	-10.79	12.32
25(15)	25	TOP	-1.34	6.28	-343.68	25.46	11.18
	25	BOT	1.34	-6.28	-343.68	13.93	-2.79
25(16)	25	TOP	-8.77	6.24	-352.15	25.28	31.29
	25	BOT	8.77	-6.24	-352.15	13.84	23.72
25(17)	25	TOP	-5.04	14.05	-355.87	47.19	21.16

	25	BOT	5.04	-14.05	-355.87	40.92	10.43
25(18)	25	TOP	-5.07	-1.53	-339.97	3.56	21.31
	25	BOT	5.07	1.53	-339.97	-13.15	10.50
25(19)	25	TOP	31.58	7.06	-344.26	28.68	-76.00
	25	BOT	-31.56	-7.06	-344.26	15.55	-121.87
25(20)	25	TOP	-42.76	6.68	-438.54	26.99	123.04
	25	BOT	42.76	-6.68	-438.54	14.89	145.05
25(21)	25	TOP	-5.40	55.42	-445.98	162.68	22.84
	25	BOT	5.40	-55.42	-445.98	184.80	11.05
25(22)	25	TOP	-5.79	-41.68	-336.82	-107.00	24.20
	25	BOT	5.79	41.68	-336.82	-154.35	12.13
25(23)	25	TOP	32.49	5.91	-279.03	24.04	-79.92
	25	BOT	-32.49	-5.91	-279.03	13.02	-123.81
25(24)	25	TOP	-41.82	5.54	-373.31	22.35	119.12
	25	BOT	41.82	-5.54	-373.31	12.36	143.12
25(25)	25	TOP	-4.47	54.27	-380.74	158.04	18.92
	25	BOT	4.47	-54.27	-380.74	182.26	9.12
25(26)	25	TOP	-4.86	-42.83	-271.59	-111.64	20.28
	25	BOT	4.86	42.83	-271.59	-156.89	10.20

26(1)	26	TOP	4.52	4.97	-643.03	20.03	-18.89
	26	BOT	-4.52	-4.97	-643.03	11.12	-9.42
26(2)	26	TOP	3.87	4.42	-552.13	17.84	-16.18
	26	BOT	-3.87	-4.42	-552.13	9.87	-8.07
26(3)	26	TOP	8.77	3.29	-546.06	13.13	-30.22
	26	BOT	-8.77	-3.29	-546.06	7.53	-24.77
26(4)	26	TOP	-1.00	3.30	-544.78	13.15	-2.29
	26	BOT	1.00	-3.30	-544.78	7.53	8.53
26(5)	26	TOP	3.88	12.46	-554.72	38.81	-16.24
	26	BOT	-3.88	-12.46	-554.72	39.34	-8.11
26(6)	26	TOP	3.89	-5.87	-536.12	-12.53	-16.27
	26	BOT	-3.89	5.87	-536.12	-24.28	-8.13
26(7)	26	TOP	8.12	2.74	-455.16	10.94	-27.51
	26	BOT	-8.12	-2.74	-455.16	6.27	-23.42
26(8)	26	TOP	-1.64	2.75	-453.88	10.96	0.42
	26	BOT	1.64	-2.75	-453.88	6.28	9.88
26(9)	26	TOP	3.24	11.91	-463.82	36.62	-13.53
	26	BOT	-3.24	-11.91	-463.82	38.09	-6.76
26(10)	26	TOP	3.24	-6.42	-445.22	-14.72	-13.56
	26	BOT	-3.24	6.42	-445.22	-25.53	-6.78
26(11)	26	TOP	8.57	4.72	-628.94	18.98	-30.36
	26	BOT	-8.57	-4.72	-628.94	10.58	-23.38
26(12)	26	TOP	0.27	4.72	-627.85	19.00	-6.62
	26	BOT	-0.27	-4.72	-627.85	10.59	4.93
26(13)	26	TOP	4.42	12.51	-636.29	40.81	-18.48
	26	BOT	-4.42	-12.51	-636.29	37.62	-9.22
26(14)	26	TOP	4.42	-3.08	-620.49	-2.82	-18.50
	26	BOT	-4.42	3.08	-620.49	-16.46	-9.23
26(15)	26	TOP	7.92	4.17	-538.03	16.79	-27.65
	26	BOT	-7.92	-4.17	-538.03	9.32	-22.03
26(16)	26	TOP	-0.38	4.17	-536.94	16.81	-3.91
	26	BOT	0.38	-4.17	-536.94	9.33	6.28
26(17)	26	TOP	3.77	11.96	-545.39	38.62	-15.77
	26	BOT	-3.77	-11.96	-545.39	36.37	-7.87
26(18)	26	TOP	3.78	-3.62	-529.58	-5.01	-15.79
	26	BOT	-3.78	3.62	-529.58	-17.71	-7.88
26(19)	26	TOP	45.85	3.96	-593.47	15.91	-135.93
	26	BOT	-45.85	-3.96	-593.47	8.91	-151.57
26(20)	26	TOP	-37.54	4.07	-581.03	16.28	101.16
	26	BOT	37.54	-4.07	-581.03	9.23	134.21
26(21)	26	TOP	4.24	52.49	-641.60	150.76	-17.58
	26	BOT	-4.24	-52.49	-641.60	178.38	-8.98
26(22)	26	TOP	4.08	-44.47	-532.91	-118.57	-17.19
	26	BOT	-4.08	44.47	-532.91	-160.24	-8.38

26(23)	26	TOP	45.16	3.29	-495.60	13.23	-133.03
	26	BOT	-45.16	-3.29	-495.60	7.39	-150.12
26(24)	26	TOP	-38.23	3.40	-483.16	13.59	104.06
	26	BOT	38.23	-3.40	-483.16	7.72	135.66
26(25)	26	TOP	3.54	51.83	-543.72	148.08	-14.68
	26	BOT	-3.54	-51.83	-543.72	176.87	-7.53
26(26)	26	TOP	3.38	-45.14	-435.03	-121.26	-14.29
	26	BOT	-3.38	45.14	-435.03	-161.76	-6.93

27(1)	27	TOP	0.52	14.65	-661.08	60.98	-2.14
	27	BOT	-0.52	-14.65	-661.08	30.90	-1.13
27(2)	27	TOP	0.47	12.71	-566.87	52.89	-1.95
	27	BOT	-0.47	-12.71	-566.87	26.80	-1.02
27(3)	27	TOP	5.12	11.67	-565.24	48.52	-14.93
	27	BOT	-5.12	-11.67	-565.24	24.63	-17.20
27(4)	27	TOP	-4.55	11.67	-565.30	48.52	12.61
	27	BOT	4.55	-11.67	-565.30	24.63	15.91
27(5)	27	TOP	0.29	20.83	-574.60	74.19	-1.16
	27	BOT	-0.29	-20.83	-574.60	56.44	-0.64
27(6)	27	TOP	0.29	2.50	-555.94	22.85	-1.16
	27	BOT	-0.29	-2.50	-555.94	-7.18	-0.65
27(7)	27	TOP	5.08	9.72	-471.03	40.43	-14.74
	27	BOT	-5.08	-9.72	-471.03	20.53	-17.09
27(8)	27	TOP	-4.60	9.72	-471.09	40.43	12.81
	27	BOT	4.60	-9.72	-471.09	20.52	16.02
27(9)	27	TOP	0.24	18.89	-480.39	66.10	-0.96
	27	BOT	-0.24	-18.89	-480.39	52.34	-0.53
27(10)	27	TOP	0.24	0.55	-461.73	14.76	-0.97
	27	BOT	-0.24	-0.55	-461.73	-11.29	-0.54
27(11)	27	TOP	4.60	14.21	-646.68	59.11	-13.70
	27	BOT	-4.60	-14.21	-646.68	29.96	-15.13
27(12)	27	TOP	-3.63	14.20	-646.73	59.10	9.71
	27	BOT	3.63	-14.20	-646.73	29.96	13.02
27(13)	27	TOP	0.49	22.00	-654.64	80.93	-1.99
	27	BOT	-0.49	-22.00	-654.64	57.00	-1.05
27(14)	27	TOP	0.49	6.41	-638.78	37.29	-1.99
	27	BOT	-0.49	-6.41	-638.78	2.92	-1.06
27(15)	27	TOP	4.55	12.26	-552.47	51.02	-13.51
	27	BOT	-4.55	-12.26	-552.47	25.86	-15.02
27(16)	27	TOP	-3.67	12.26	-552.52	51.02	9.91
	27	BOT	3.67	-12.26	-552.52	25.86	13.13
27(17)	27	TOP	0.44	20.05	-560.42	72.84	-1.80
	27	BOT	-0.44	-20.05	-560.42	52.90	-0.94
27(18)	27	TOP	0.44	4.47	-544.56	29.20	-1.80
	27	BOT	-0.44	-4.47	-544.56	-1.18	-0.95
27(19)	27	TOP	41.69	12.93	-605.92	53.82	-118.48
	27	BOT	-41.69	-12.93	-605.92	27.26	-142.92
27(20)	27	TOP	-40.92	12.96	-606.74	53.89	115.31
	27	BOT	40.92	-12.96	-606.74	27.38	141.22
27(21)	27	TOP	0.48	61.36	-660.67	188.34	-1.82
	27	BOT	-0.48	-61.36	-660.67	196.36	-1.17
27(22)	27	TOP	0.30	-35.46	-551.99	-80.82	-1.34
	27	BOT	-0.30	35.46	-551.99	-141.73	-0.53
27(23)	27	TOP	41.63	10.77	-504.86	44.85	-118.21
	27	BOT	-41.63	-10.77	-504.86	22.70	-142.78
27(24)	27	TOP	-40.98	10.80	-505.69	44.92	115.58
	27	BOT	40.98	-10.80	-505.69	22.83	141.37
27(25)	27	TOP	0.41	59.20	-559.61	179.36	-1.56
	27	BOT	-0.41	-59.20	-559.61	191.81	-1.03
27(26)	27	TOP	0.23	-37.62	-450.94	-89.60	-1.08
	27	BOT	-0.23	37.62	-450.94	-146.28	-0.38

28(1)	28	TOP	-0.05	17.07	-711.17	71.40	0.25
	28	BOT	0.05	-17.07	-711.17	35.64	0.06

28(2)	28	TOP	-0.05	14.74	-609.15	61.64	0.23
	28	BOT	0.05	-14.74	-609.15	30.77	0.06
28(3)	28	TOP	4.82	14.01	-612.13	58.60	-13.65
	28	BOT	-4.82	-14.01	-612.13	29.26	-16.56
28(4)	28	TOP	-4.86	14.01	-612.13	58.60	13.93
	28	BOT	4.86	-14.01	-612.13	29.26	16.57
28(5)	28	TOP	-0.02	23.18	-621.46	84.27	0.14
	28	BOT	0.02	-23.18	-621.46	61.08	0.01
28(6)	28	TOP	-0.02	4.84	-602.80	32.92	0.14
	28	BOT	0.02	-4.84	-602.80	-2.56	0.00
28(7)	28	TOP	4.82	11.68	-510.11	48.83	-13.67
	28	BOT	-4.82	-11.68	-510.11	24.38	-16.56
28(8)	28	TOP	-4.86	11.68	-510.11	48.83	13.91
	28	BOT	4.86	-11.68	-510.11	24.38	16.57
28(9)	28	TOP	-0.02	20.85	-519.44	74.50	0.12
	28	BOT	0.02	-20.85	-519.44	56.20	0.01
28(10)	28	TOP	-0.02	2.51	-500.78	23.16	0.11
	28	BOT	0.02	-2.51	-500.78	-7.43	0.00
28(11)	28	TOP	4.07	16.61	-696.32	69.48	-11.49
	28	BOT	-4.07	-16.61	-696.32	34.69	-14.03
28(12)	28	TOP	-4.16	16.61	-696.32	69.48	11.96
	28	BOT	4.16	-16.61	-696.32	34.69	14.13
28(13)	28	TOP	-0.05	24.41	-704.25	91.31	0.24
	28	BOT	0.05	-24.41	-704.25	61.73	0.06
28(14)	28	TOP	-0.05	8.82	-688.39	47.66	0.23
	28	BOT	0.05	-8.82	-688.39	7.64	0.05
28(15)	28	TOP	4.07	14.28	-594.29	59.72	-11.51
	28	BOT	-4.07	-14.28	-594.29	29.81	-14.03
28(16)	28	TOP	-4.16	14.28	-594.30	59.72	11.94
	28	BOT	4.16	-14.28	-594.30	29.81	14.13
28(17)	28	TOP	-0.04	22.07	-602.23	81.54	0.22
	28	BOT	0.04	-22.07	-602.23	56.85	0.06
28(18)	28	TOP	-0.04	6.49	-586.36	37.90	0.21
	28	BOT	0.04	-6.49	-586.36	2.77	0.05
28(19)	28	TOP	41.30	15.32	-654.56	64.07	-116.85
	28	BOT	-41.30	-15.32	-654.56	31.97	-142.12
28(20)	28	TOP	-41.37	15.33	-654.59	64.10	117.23
	28	BOT	41.37	-15.33	-654.59	32.02	142.17
28(21)	28	TOP	0.05	63.66	-708.75	198.38	-0.05
	28	BOT	-0.05	-63.66	-708.75	200.78	-0.29
28(22)	28	TOP	-0.12	-33.01	-600.40	-70.21	0.42
	28	BOT	0.12	33.01	-600.40	-136.79	0.35
28(23)	28	TOP	41.31	12.76	-545.47	53.39	-116.88
	28	BOT	-41.31	-12.76	-545.47	26.84	-142.12
28(24)	28	TOP	-41.37	12.78	-545.49	53.42	117.20
	28	BOT	41.37	-12.78	-545.49	26.69	142.17
28(25)	28	TOP	0.06	61.11	-599.66	187.70	-0.08
	28	BOT	-0.06	-61.11	-599.66	195.44	-0.30
28(26)	28	TOP	-0.12	-35.57	-491.30	-80.89	0.39
	28	BOT	0.12	35.57	-491.30	-142.12	0.34

29(1)	29	TOP	0.02	16.99	-712.14	71.30	-0.02
	29	BOT	-0.02	-16.99	-712.14	35.19	-0.07
29(2)	29	TOP	0.01	14.66	-609.99	61.55	-0.02
	29	BOT	-0.01	-14.66	-609.99	30.38	-0.06
29(3)	29	TOP	4.86	13.95	-612.89	58.54	-13.81
	29	BOT	-4.86	-13.95	-612.89	28.89	-16.64
29(4)	29	TOP	-4.83	13.95	-612.89	58.54	13.77
	29	BOT	4.83	-13.95	-612.89	28.90	16.49
29(5)	29	TOP	0.01	23.12	-622.22	84.22	-0.02
	29	BOT	-0.01	-23.12	-622.22	60.71	-0.07
29(6)	29	TOP	0.02	4.78	-603.55	32.87	-0.02
	29	BOT	-0.02	-4.78	-603.55	-2.92	-0.08
29(7)	29	TOP	4.85	11.62	-510.74	48.78	-13.81

	29	BOT	-4.85	-11.62	-510.74	24.08	-16.63
29(8)	29	TOP	-4.83	11.62	-510.74	48.79	13.78
	29	BOT	4.83	-11.62	-510.74	24.08	16.50
29(9)	29	TOP	0.01	20.79	-520.07	74.46	-0.01
	29	BOT	-0.01	-20.79	-520.07	55.90	-0.06
29(10)	29	TOP	0.01	2.45	-501.41	23.11	-0.02
	29	BOT	-0.01	-2.45	-501.41	-7.74	-0.07
29(11)	29	TOP	4.13	16.53	-697.25	69.39	-11.74
	29	BOT	-4.13	-16.53	-697.25	34.25	-14.16
29(12)	29	TOP	-4.10	16.53	-697.25	69.39	11.70
	29	BOT	4.10	-16.53	-697.25	34.25	14.01
29(13)	29	TOP	0.01	24.32	-705.18	91.21	-0.02
	29	BOT	-0.01	-24.32	-705.18	61.30	-0.07
29(14)	29	TOP	0.02	8.74	-689.32	47.57	-0.02
	29	BOT	-0.02	-8.74	-689.32	7.20	-0.08
29(15)	29	TOP	4.13	14.20	-595.10	59.63	-11.74
	29	BOT	-4.13	-14.20	-595.10	29.43	-14.14
29(16)	29	TOP	-4.10	14.21	-595.10	59.63	11.71
	29	BOT	4.10	-14.21	-595.10	29.43	14.02
29(17)	29	TOP	0.01	22.00	-603.04	81.46	-0.01
	29	BOT	-0.01	-22.00	-603.04	56.48	-0.06
29(18)	29	TOP	0.01	6.41	-587.17	37.81	-0.02
	29	BOT	-0.01	-6.41	-587.17	2.39	-0.07
29(19)	29	TOP	41.35	15.25	-655.44	64.03	-117.06
	29	BOT	-41.35	-15.25	-655.44	31.61	-142.22
29(20)	29	TOP	-41.32	15.24	-655.41	64.00	117.02
	29	BOT	41.32	-15.24	-655.41	31.57	142.07
29(21)	29	TOP	0.10	63.51	-709.45	198.12	-0.25
	29	BOT	-0.10	-63.51	-709.45	200.11	-0.40
29(22)	29	TOP	-0.07	-33.02	-601.40	-70.10	0.22
	29	BOT	0.07	33.02	-601.40	-138.92	0.25
29(23)	29	TOP	41.35	12.71	-546.20	53.36	-117.06
	29	BOT	-41.35	-12.71	-546.20	26.35	-142.21
29(24)	29	TOP	-41.33	12.70	-546.17	53.33	117.03
	29	BOT	41.33	-12.70	-546.17	26.31	142.08
29(25)	29	TOP	0.10	60.97	-600.21	187.46	-0.25
	29	BOT	-0.10	-60.97	-600.21	194.85	-0.38
29(26)	29	TOP	-0.08	-35.56	-492.16	-80.77	0.22
	29	BOT	0.08	35.56	-492.16	-142.19	0.26

30(1)	30	TOP	0.02	16.87	-711.16	71.09	-0.02
	30	BOT	-0.02	-16.87	-711.16	34.69	-0.08
30(2)	30	TOP	0.01	14.56	-609.16	61.36	-0.02
	30	BOT	-0.01	-14.56	-609.16	29.94	-0.06
30(3)	30	TOP	4.86	13.85	-612.03	58.36	-13.81
	30	BOT	-4.86	-13.85	-612.03	28.47	-16.64
30(4)	30	TOP	-4.82	13.85	-611.96	58.37	13.74
	30	BOT	4.82	-13.85	-611.96	28.47	16.47
30(5)	30	TOP	0.02	23.02	-621.33	84.04	-0.03
	30	BOT	-0.02	-23.02	-621.33	60.29	-0.08
30(6)	30	TOP	0.02	4.68	-602.66	32.69	-0.04
	30	BOT	-0.02	-4.68	-602.66	-3.35	-0.09
30(7)	30	TOP	4.85	11.54	-510.03	48.63	-13.80
	30	BOT	-4.85	-11.54	-510.03	23.72	-16.63
30(8)	30	TOP	-4.82	11.54	-509.96	48.64	13.74
	30	BOT	4.82	-11.54	-509.96	23.73	16.49
30(9)	30	TOP	0.01	20.71	-519.33	74.31	-0.03
	30	BOT	-0.01	-20.71	-519.33	55.55	-0.07
30(10)	30	TOP	0.02	2.37	-500.66	22.96	-0.03
	30	BOT	-0.02	-2.37	-500.66	-8.10	-0.07
30(11)	30	TOP	4.13	16.42	-696.31	69.18	-11.73
	30	BOT	-4.13	-16.42	-696.31	33.75	-14.15
30(12)	30	TOP	-4.10	16.42	-696.26	69.18	11.68
	30	BOT	4.10	-16.42	-696.26	33.76	14.00

30(13)	30	TOP	0.02	24.21	-704.22	91.01	-0.02
	30	BOT	-0.02	-24.21	-704.22	60.80	-0.07
30(14)	30	TOP	0.02	8.62	-688.35	47.36	-0.03
	30	BOT	-0.02	-8.62	-688.35	6.71	-0.08
30(15)	30	TOP	4.12	14.11	-594.31	59.45	-11.73
	30	BOT	-4.12	-14.11	-594.31	29.01	-14.14
30(16)	30	TOP	-4.10	14.11	-594.26	59.46	11.69
	30	BOT	4.10	-14.11	-594.26	29.01	14.01
30(17)	30	TOP	0.01	21.90	-602.22	81.28	-0.02
	30	BOT	-0.01	-21.90	-602.22	56.06	-0.06
30(18)	30	TOP	0.01	6.31	-586.35	37.63	-0.02
	30	BOT	-0.01	-6.31	-586.35	1.96	-0.07
30(19)	30	TOP	41.32	15.16	-654.90	63.79	-116.92
	30	BOT	-41.32	-15.16	-654.90	31.19	-142.15
30(20)	30	TOP	-41.28	15.13	-654.08	63.85	116.87
	30	BOT	41.28	-15.13	-654.08	31.08	141.99
30(21)	30	TOP	0.11	63.34	-708.37	197.75	-0.26
	30	BOT	-0.11	-63.34	-708.37	199.39	-0.40
30(22)	30	TOP	-0.07	-33.05	-600.62	-70.11	0.20
	30	BOT	0.07	33.05	-600.62	-137.12	0.24
30(23)	30	TOP	41.32	12.63	-545.82	53.15	-116.92
	30	BOT	-41.32	-12.63	-545.82	26.00	-142.14
30(24)	30	TOP	-41.29	12.61	-545.00	53.21	116.87
	30	BOT	41.29	-12.61	-545.00	25.89	142.01
30(25)	30	TOP	0.10	60.81	-599.29	187.11	-0.26
	30	BOT	-0.10	-60.81	-599.29	194.20	-0.39
30(26)	30	TOP	-0.07	-35.57	-491.54	-80.75	0.21
	30	BOT	0.07	35.57	-491.54	-142.31	0.25

31(1)	31	TOP	-0.07	16.69	-715.99	70.59	0.35
	31	BOT	0.07	-16.69	-715.99	34.04	0.11
31(2)	31	TOP	-0.06	14.41	-613.24	60.94	0.29
	31	BOT	0.06	-14.41	-613.24	29.39	0.09
31(3)	31	TOP	4.81	13.70	-615.85	57.96	-13.60
	31	BOT	-4.81	-13.70	-615.85	27.93	-16.54
31(4)	31	TOP	-4.96	13.69	-617.13	57.94	14.33
	31	BOT	4.96	-13.69	-617.13	27.92	16.76
31(5)	31	TOP	-0.08	22.87	-625.82	83.63	0.37
	31	BOT	0.08	-22.87	-625.82	59.75	0.12
31(6)	31	TOP	-0.08	4.52	-607.15	32.27	0.36
	31	BOT	0.08	-4.52	-607.15	-3.90	0.11
31(7)	31	TOP	4.82	11.42	-513.10	48.30	-13.66
	31	BOT	-4.82	-11.42	-513.10	23.27	-16.56
31(8)	31	TOP	-4.95	11.41	-514.38	48.28	14.27
	31	BOT	4.95	-11.41	-514.38	23.27	16.75
31(9)	31	TOP	-0.06	20.58	-523.08	73.97	0.31
	31	BOT	0.06	-20.58	-523.08	55.10	0.10
31(10)	31	TOP	-0.06	2.24	-504.41	22.61	0.30
	31	BOT	0.06	-2.24	-504.41	-8.55	0.09
31(11)	31	TOP	4.08	16.24	-700.52	68.71	-11.52
	31	BOT	-4.08	-16.24	-700.52	33.13	-14.05
31(12)	31	TOP	-4.22	16.24	-701.61	68.69	12.22
	31	BOT	4.22	-16.24	-701.61	33.12	14.26
31(13)	31	TOP	-0.07	24.04	-709.00	90.52	0.35
	31	BOT	0.07	-24.04	-709.00	60.18	0.11
31(14)	31	TOP	-0.07	8.44	-693.13	46.87	0.35
	31	BOT	0.07	-8.44	-693.13	6.07	0.10
31(15)	31	TOP	4.09	13.96	-597.77	59.05	-11.58
	31	BOT	-4.09	-13.96	-597.77	28.47	-14.06
31(16)	31	TOP	-4.21	13.95	-598.86	59.03	12.16
	31	BOT	4.21	-13.95	-598.86	28.47	14.24
31(17)	31	TOP	-0.06	21.75	-606.25	80.87	0.29
	31	BOT	0.06	-21.75	-606.25	55.52	0.09

31(18)	31	TOP	-0.06	6.16	-590.38	37.21	0.29
	31	BOT	0.06	-6.16	-590.38	1.42	0.09
31(19)	31	TOP	41.62	15.03	-652.91	63.55	-118.19
	31	BOT	-41.62	-15.03	-652.91	30.71	-142.78
31(20)	31	TOP	-41.77	14.92	-665.35	63.19	118.91
	31	BOT	41.77	-14.92	-665.35	30.39	143.00
31(21)	31	TOP	0.01	63.10	-712.82	197.11	0.12
	31	BOT	-0.01	-63.10	-712.82	198.54	-0.21
31(22)	31	TOP	-0.16	-33.15	-605.45	-70.38	0.60
	31	BOT	0.16	33.15	-605.45	-137.44	0.43
31(23)	31	TOP	41.63	12.54	-543.06	52.99	-118.25
	31	BOT	-41.63	-12.54	-543.06	25.62	-142.80
31(24)	31	TOP	-41.76	12.43	-555.50	52.63	118.85
	31	BOT	41.76	-12.43	-555.50	25.30	142.98
31(25)	31	TOP	0.03	60.61	-602.97	186.55	0.06
	31	BOT	-0.03	-60.61	-602.97	193.45	-0.23
31(26)	31	TOP	-0.15	-35.64	-495.59	-80.94	0.54
	31	BOT	0.15	35.64	-495.59	-142.53	0.42

32(1)	32	TOP	2.74	10.81	-450.36	46.17	-11.44
	32	BOT	-2.74	-10.81	-450.36	21.61	-5.73
32(2)	32	TOP	2.32	9.25	-383.46	39.53	-9.70
	32	BOT	-2.32	-9.25	-383.46	18.50	-4.86
32(3)	32	TOP	6.88	9.31	-406.41	39.75	-22.28
	32	BOT	-6.88	-9.31	-406.41	18.62	-20.84
32(4)	32	TOP	-1.87	9.36	-396.45	39.96	1.38
	32	BOT	1.87	-9.36	-396.45	18.73	10.35
32(5)	32	TOP	2.50	18.51	-410.76	65.54	-10.45
	32	BOT	-2.50	-18.51	-410.76	50.50	-5.24
32(6)	32	TOP	2.50	0.16	-392.10	14.17	-10.45
	32	BOT	-2.50	-0.16	-392.10	-13.16	-5.25
32(7)	32	TOP	6.46	7.75	-339.51	33.11	-20.54
	32	BOT	-6.46	-7.75	-339.51	15.50	-19.96
32(8)	32	TOP	-2.29	7.80	-329.54	33.32	3.12
	32	BOT	2.29	-7.80	-329.54	15.62	11.22
32(9)	32	TOP	2.08	16.95	-343.86	58.89	-8.71
	32	BOT	-2.08	-16.95	-343.86	47.39	-4.37
32(10)	32	TOP	2.09	-1.39	-325.19	7.53	-8.71
	32	BOT	-2.09	1.39	-325.19	-16.27	-4.37
32(11)	32	TOP	6.42	10.57	-447.26	45.14	-21.35
	32	BOT	-6.42	-10.57	-447.26	21.12	-18.91
32(12)	32	TOP	-1.01	10.61	-438.79	45.32	-1.24
	32	BOT	1.01	-10.61	-438.79	21.21	7.59
32(13)	32	TOP	2.70	18.39	-450.95	67.06	-11.29
	32	BOT	-2.70	-18.39	-450.95	48.22	-5.66
32(14)	32	TOP	2.70	2.79	-435.09	23.40	-11.29
	32	BOT	-2.70	-2.79	-435.09	-5.89	-5.66
32(15)	32	TOP	6.00	9.01	-380.35	38.49	-19.60
	32	BOT	-6.00	-9.01	-380.35	18.01	-18.04
32(16)	32	TOP	-1.43	9.06	-371.88	38.67	0.50
	32	BOT	1.43	-9.06	-371.88	18.10	8.47
32(17)	32	TOP	2.29	16.83	-384.05	60.41	-9.55
	32	BOT	-2.29	-16.83	-384.05	45.11	-4.78
32(18)	32	TOP	2.29	1.24	-368.18	16.75	-9.55
	32	BOT	-2.29	-1.24	-368.18	-9.00	-4.79
32(19)	32	TOP	39.76	9.78	-469.52	41.73	-110.40
	32	BOT	-39.76	-9.78	-469.52	19.60	-138.92
32(20)	32	TOP	-34.55	10.15	-375.28	43.40	88.65
	32	BOT	34.55	-10.15	-375.28	20.26	128.01
32(21)	32	TOP	2.68	58.02	-476.18	176.12	-11.05
	32	BOT	-2.68	-58.02	-476.18	187.65	-5.75
32(22)	32	TOP	2.53	-38.08	-368.62	-91.00	-10.69
	32	BOT	-2.53	38.08	-368.62	-147.79	-5.16
32(23)	32	TOP	39.33	8.12	-399.12	34.63	-108.58

	32	BOT	-39.33	-8.12	-399.12	16.28	-138.01
32(24)	32	TOP	-34.99	8.49	-304.88	36.31	90.46
	32	BOT	34.99	-8.49	-304.88	16.94	128.92
32(25)	32	TOP	2.25	56.36	-405.78	169.03	-9.24
	32	BOT	-2.25	-56.36	-405.78	184.33	-4.84
32(26)	32	TOP	2.09	-39.75	-298.22	-98.09	-8.88
	32	BOT	-2.09	39.75	-298.22	-151.11	-4.25

The Combined Force of Column, Brace and Wall Bottom on Ground Floor

Total-Columns = 32 Total-Shear Walls = 0

N-C(Nc)	N	V-X	V-Y	=N=	M-X	M-Y	NE	
1(19)	1	-33.36	6.54	-372.16	-12.60	-125.11	1	Vxmax
1(22)	1	3.62	54.86	-473.83	-181.63	7.90	1	Vymax
1(25)	1	3.37	-43.29	-294.69	159.53	7.57	1	Nmin
1(14)	1	4.10	14.65	-447.58	-40.16	9.06	0	Nmax
1(21)	1	4.01	-42.24	-364.56	157.52	8.97	1	Mxmax
1(19)	1	-33.36	6.54	-372.16	-12.60	-125.11	1	Mymax
1(1)	1	4.22	7.06	-446.89	-13.51	9.33	0	V-V
1(0)	1	0.40	6.88	-435.38	-13.16	-4.16	0	Wx+V
1(0)	1	7.83	6.85	-443.86	-13.09	22.35	0	-Wx+V
1(0)	1	4.13	-0.93	-431.66	13.91	9.13	0	Wy+V
1(0)	1	4.10	14.65	-447.58	-40.16	9.06	0	-Wy+V
1(0)	1	-33.36	6.54	-372.16	-12.60	-125.11	1	Ex+V
1(0)	1	40.99	6.08	-466.22	-11.52	141.98	1	-Ex+V
1(0)	1	4.01	-42.24	-364.56	157.52	8.97	1	Ey+V
1(0)	1	3.62	54.86	-473.83	-181.63	7.90	1	-Ey+V

2(19)	2	-42.66	11.49	-660.04	-22.98	-144.42	1	Vxmax
2(22)	2	-1.02	59.98	-707.93	-192.36	-1.75	1	Vymax
2(26)	2	-0.87	58.07	-598.99	-188.52	-1.51	1	Nmin
2(1)	2	-1.13	13.14	-709.45	-26.37	-1.79	0	Nmax
2(22)	2	-1.02	59.98	-707.93	-192.36	-1.75	1	Mxmax
2(19)	2	-42.66	11.49	-660.04	-22.98	-144.42	1	Mymax
2(1)	2	-1.13	13.14	-709.45	-26.37	-1.79	0	V-V
2(0)	2	-5.23	12.71	-695.35	-25.49	-15.85	0	Wx+V
2(0)	2	3.07	12.71	-694.27	-25.50	12.45	0	-Wx+V
2(0)	2	-1.08	4.92	-686.91	1.54	-1.70	0	Wy+V
2(0)	2	-1.08	20.50	-702.70	-52.53	-1.69	0	-Wy+V
2(0)	2	-42.66	11.49	-660.04	-22.98	-144.42	1	Ex+V
2(0)	2	40.78	11.52	-647.28	-23.11	141.53	1	-Ex+V
2(0)	2	-0.86	-36.98	-599.39	146.27	-1.14	1	Ey+V
2(0)	2	-1.02	59.98	-707.93	-192.36	-1.75	1	-Ey+V

3(19)	3	-40.97	15.60	-651.31	-31.80	-140.90	1	Vxmax
3(22)	3	0.27	63.99	-705.98	-200.78	0.94	1	Vymax
3(26)	3	0.21	61.39	-597.37	-195.49	0.73	1	Nmin
3(1)	3	0.41	17.36	-708.03	-35.36	1.43	0	Nmax
3(22)	3	0.27	63.99	-705.98	-200.78	0.94	1	Mxmax
3(19)	3	-40.97	15.60	-651.31	-31.80	-140.90	1	Mymax
3(1)	3	0.41	17.36	-708.03	-35.36	1.43	0	V-V
3(0)	3	-3.71	16.89	-693.20	-34.41	-12.69	0	Wx+V
3(0)	3	4.51	16.89	-693.25	-34.41	15.45	0	-Wx+V
3(0)	3	0.40	9.10	-685.29	-7.37	1.38	0	Wy+V
3(0)	3	0.40	24.68	-701.16	-61.45	1.38	0	-Wy+V
3(0)	3	-40.97	15.60	-651.31	-31.80	-140.90	1	Ex+V
3(0)	3	41.68	15.56	-651.95	-31.66	143.42	1	-Ex+V
3(0)	3	0.45	-32.83	-597.29	137.31	1.58	1	Ey+V
3(0)	3	0.27	63.99	-705.98	-200.78	0.94	1	-Ey+V

4(19)	4	-41.14	15.76	-650.85	-32.36	-141.27	1	Vxmax
4(22)	4	0.13	64.09	-705.01	-201.12	0.64	1	Vymax
4(26)	4	0.09	61.47	-596.53	-195.73	0.48	1	Nmin
4(1)	4	0.24	17.54	-707.10	-36.01	1.07	0	Nmax
4(22)	4	0.13	64.09	-705.01	-201.12	0.64	1	Mxmax
4(19)	4	-41.14	15.76	-650.85	-32.36	-141.27	1	Mymax
4(1)	4	0.24	17.54	-707.10	-36.01	1.07	0	V-V

4(0)	4	-3.88	17.07	-692.33	-35.05	-13.03	0	Wx+V
4(0)	4	4.35	17.07	-692.33	-35.05	15.12	0	-Wx+V
4(0)	4	0.24	9.28	-684.40	-8.00	1.04	0	Wy+V
4(0)	4	0.24	24.87	-700.26	-62.09	1.05	0	-Wy+V
4(0)	4	-41.14	15.76	-650.85	-32.36	-141.27	1	Ex+V
4(0)	4	41.58	15.75	-650.81	-32.32	143.20	1	-Ex+V
4(0)	4	0.31	-32.58	-596.65	136.44	1.29	1	Ey+V
4(0)	4	0.13	64.09	-705.01	-201.12	0.64	1	-Ey+V

5(19)	5	-41.11	15.86	-651.82	-32.79	-141.20	1	Vxmax
5(22)	5	0.16	64.13	-705.87	-201.32	0.71	1	Vymax
5(26)	5	0.12	61.48	-597.23	-195.86	0.54	1	Nmin
5(1)	5	0.28	17.66	-708.21	-36.52	1.15	0	Nmax
5(22)	5	0.16	64.13	-705.87	-201.32	0.71	1	Mxmax
5(19)	5	-41.11	15.86	-651.82	-32.79	-141.20	1	Mymax
5(1)	5	0.28	17.66	-708.21	-36.52	1.15	0	V-V
5(0)	5	-3.84	17.19	-693.41	-35.55	-12.96	0	Wx+V
5(0)	5	4.39	17.19	-693.41	-35.54	15.20	0	-Wx+V
5(0)	5	0.27	9.39	-685.48	-8.50	1.12	0	Wy+V
5(0)	5	0.27	24.98	-701.34	-62.59	1.12	0	-Wy+V
5(0)	5	-41.11	15.86	-651.82	-32.79	-141.20	1	Ex+V
5(0)	5	41.61	15.87	-651.86	-32.83	143.26	1	-Ex+V
5(0)	5	0.34	-32.40	-597.82	135.71	1.35	1	Ey+V
5(0)	5	0.16	64.13	-705.87	-201.32	0.71	1	-Ey+V

6(19)	6	-41.19	15.92	-651.13	-33.15	-141.38	1	Vxmax
6(22)	6	0.04	64.14	-704.68	-201.47	0.46	1	Vymax
6(26)	6	0.02	61.48	-596.21	-195.93	0.33	1	Nmin
6(1)	6	0.14	17.75	-707.08	-36.98	0.85	0	Nmax
6(22)	6	0.04	64.14	-704.68	-201.47	0.46	1	Mxmax
6(19)	6	-41.19	15.92	-651.13	-33.15	-141.38	1	Mymax
6(1)	6	0.14	17.75	-707.08	-36.98	0.85	0	V-V
6(0)	6	-3.98	17.27	-692.34	-35.99	-13.24	0	Wx+V
6(0)	6	4.25	17.27	-692.28	-35.99	14.90	0	-Wx+V
6(0)	6	0.13	9.48	-684.37	-8.94	0.83	0	Wy+V
6(0)	6	0.14	25.07	-700.24	-63.04	0.84	0	-Wy+V
6(0)	6	-41.19	15.92	-651.13	-33.15	-141.38	1	Ex+V
6(0)	6	41.46	15.96	-650.48	-33.28	142.94	1	-Ex+V
6(0)	6	0.22	-32.25	-596.93	135.04	1.11	1	Ey+V
6(0)	6	0.04	64.14	-704.68	-201.47	0.46	1	-Ey+V

7(19)	7	-40.49	13.34	-606.90	-28.11	-139.92	1	Vxmax
7(22)	7	1.14	61.45	-666.97	-196.04	2.74	1	Vymax
7(26)	7	0.93	59.23	-564.75	-191.36	2.23	1	Nmin
7(1)	7	1.45	15.06	-668.43	-31.69	3.57	0	Nmax
7(22)	7	1.14	61.45	-666.97	-196.04	2.74	1	Mxmax
7(19)	7	-40.49	13.34	-606.90	-28.11	-139.92	1	Mymax
7(1)	7	1.45	15.06	-668.43	-31.69	3.57	0	V-V
7(0)	7	-2.76	14.61	-653.41	-30.74	-10.71	0	Wx+V
7(0)	7	5.54	14.60	-654.50	-30.72	17.59	0	-Wx+V
7(0)	7	1.39	6.81	-646.02	-3.68	3.44	0	Wy+V
7(0)	7	1.39	22.40	-661.89	-57.78	3.44	0	-Wy+V
7(0)	7	-40.49	13.34	-606.90	-28.11	-139.92	1	Ex+V
7(0)	7	42.95	13.31	-619.66	-27.99	146.04	1	-Ex+V
7(0)	7	1.32	-34.80	-559.60	139.94	3.39	1	Ey+V
7(0)	7	1.14	61.45	-666.97	-196.04	2.74	1	-Ey+V

8(19)	8	-40.72	8.00	-422.83	-17.21	-140.38	1	Vxmax
8(22)	8	-3.62	56.30	-429.62	-185.51	-7.14	1	Vymax
8(25)	8	-2.88	-41.17	-259.41	152.90	-5.41	1	Nmin
8(14)	8	-3.80	16.69	-403.08	-46.22	-7.34	0	Nmax
8(21)	8	-3.47	-39.80	-322.05	149.93	-6.55	1	Mxmax
8(19)	8	-40.72	8.00	-422.83	-17.21	-140.38	1	Mymax

8(1)	8	-3.90	9.12	-402.02	-19.66	-7.52	0	V-V
8(0)	8	-7.52	8.88	-399.38	-19.13	-20.60	0	Wx+V
8(0)	8	-0.09	8.91	-390.91	-19.20	5.91	0	-Wx+V
8(0)	8	-3.80	1.10	-387.21	7.89	-7.35	0	Wy+V
8(0)	8	-3.80	16.69	-403.08	-46.22	-7.34	0	-Wy+V
8(0)	8	-40.72	8.00	-422.83	-17.21	-140.38	1	Ex+V
8(0)	8	33.64	8.51	-328.83	-18.37	126.70	1	-Ex+V
8(0)	8	-3.47	-39.80	-322.05	149.93	-6.55	1	Ey+V
8(0)	8	-3.62	56.30	-429.62	-185.51	-7.14	1	-Ey+V

9(19)	9	-33.32	-6.84	-429.39	14.98	-125.23	1	Vxmax
9(21)	9	4.09	-57.11	-500.80	188.29	8.80	1	Vymax
9(26)	9	3.50	44.62	-363.10	-160.60	7.49	1	Nmin
9(1)	9	4.75	-7.60	-509.28	16.84	10.18	0	Nmax
9(21)	9	4.09	-57.11	-500.80	188.29	8.80	1	Mxmax
9(19)	9	-33.32	-6.84	-429.39	14.98	-125.23	1	Mymax
9(1)	9	4.75	-7.60	-509.28	16.84	10.18	0	V-V
9(0)	9	0.85	-7.40	-495.48	16.39	-3.46	0	Wx+V
9(0)	9	8.33	-7.39	-503.09	16.38	23.14	0	-Wx+V
9(0)	9	4.58	-15.45	-503.59	43.97	9.82	0	Wy+V
9(0)	9	4.60	0.66	-494.98	-11.20	9.86	0	-Wy+V
9(0)	9	-33.32	-6.84	-429.39	14.98	-125.23	1	Ex+V
9(0)	9	41.60	-6.78	-513.04	15.23	143.00	1	-Ex+V
9(0)	9	4.09	-57.11	-500.80	188.29	8.80	1	Ey+V
9(0)	9	4.19	43.48	-441.63	-158.08	8.97	1	-Ey+V

10(19)	10	-42.22	-9.48	-672.68	20.33	-143.72	1	Vxmax
10(21)	10	-0.21	-59.73	-697.00	193.36	-0.12	1	Vymax
10(26)	10	-0.22	42.29	-527.06	-155.87	-0.23	1	Nmin
10(1)	10	-0.26	-10.79	-744.69	23.17	-0.22	0	Nmax
10(21)	10	-0.21	-59.73	-697.00	193.36	-0.12	1	Mxmax
10(19)	10	-42.22	-9.48	-672.68	20.33	-143.72	1	Mymax
10(1)	10	-0.26	-10.79	-744.69	23.17	-0.22	0	V-V
10(0)	10	-4.43	-10.45	-724.93	22.46	-14.41	0	Wx+V
10(0)	10	3.92	-10.45	-724.02	22.46	13.99	0	-Wx+V
10(0)	10	-0.25	-18.51	-728.76	50.05	-0.21	0	Wy+V
10(0)	10	-0.25	-2.39	-720.18	-5.13	-0.21	0	-Wy+V
10(0)	10	-42.22	-9.48	-672.68	20.33	-143.72	1	Ex+V
10(0)	10	41.76	-9.54	-662.66	20.57	143.33	1	-Ex+V
10(0)	10	-0.21	-59.73	-697.00	193.36	-0.12	1	Ey+V
10(0)	10	-0.25	40.71	-638.34	-152.46	-0.27	1	-Ey+V

11(19)	11	-41.39	-10.07	-652.12	21.34	-141.99	1	Vxmax
11(21)	11	0.20	-60.24	-681.80	194.05	0.73	1	Vymax
11(26)	11	0.14	41.74	-514.39	-154.80	0.50	1	Nmin
11(1)	11	0.21	-11.17	-728.00	23.68	0.75	0	Nmax
11(21)	11	0.20	-60.24	-681.80	194.05	0.73	1	Mxmax
11(19)	11	-41.39	-10.07	-652.12	21.34	-141.99	1	Mymax
11(1)	11	0.21	-11.17	-728.00	23.68	0.75	0	V-V
11(0)	11	-3.93	-10.88	-708.14	23.09	-13.39	0	Wx+V
11(0)	11	4.33	-10.88	-708.20	23.08	14.85	0	-Wx+V
11(0)	11	0.20	-18.94	-712.47	50.68	0.73	0	Wy+V
11(0)	11	0.20	-2.82	-703.87	-4.51	0.73	0	-Wy+V
11(0)	11	-41.39	-10.07	-652.12	21.34	-141.99	1	Ex+V
11(0)	11	41.76	-10.11	-652.80	21.47	143.33	1	-Ex+V
11(0)	11	0.20	-60.24	-681.80	194.05	0.73	1	Ey+V
11(0)	11	0.17	40.05	-623.13	-151.23	0.61	1	-Ey+V

12(19)	12	-41.48	-9.99	-652.39	20.95	-142.18	1	Vxmax
12(21)	12	0.15	-60.07	-681.63	193.34	0.63	1	Vymax
12(26)	12	0.09	41.74	-514.40	-154.89	0.41	1	Nmin
12(1)	12	0.15	-11.05	-727.97	23.18	0.63	0	Nmax
12(21)	12	0.15	-60.07	-681.63	193.34	0.63	1	Mxmax

12(19)	12	-41.48	-9.99	-652.39	20.95	-142.18	1	U _{max}
12(1)	12	0.15	-11.05	-727.97	23.18	0.63	0	V-V
12(0)	12	-3.99	-10.78	-708.13	22.60	-13.51	0	W _x +V
12(0)	12	4.28	-10.78	-708.13	22.60	14.74	0	-W _x +V
12(0)	12	0.15	-18.84	-712.43	50.20	0.61	0	W _y +V
12(0)	12	0.15	-2.72	-703.83	-5.00	0.62	0	-W _y +V
12(0)	12	-41.48	-9.99	-652.39	20.95	-142.18	1	E _x +V
12(0)	12	41.75	-10.01	-652.37	21.00	143.31	1	-E _x +V
12(0)	12	0.15	-60.07	-681.63	193.34	0.63	1	E _y +V
12(0)	12	0.12	40.07	-623.13	-151.40	0.50	1	-E _y +V

13(19)	13	-41.47	-9.89	-652.10	20.51	-142.15	1	U _{max}
13(21)	13	0.16	-59.88	-681.28	192.59	0.65	1	V _{max}
13(26)	13	0.10	41.76	-514.26	-155.02	0.43	1	N _{min}
13(1)	13	0.16	-10.93	-727.68	22.65	0.66	0	N _{max}
13(21)	13	0.16	-59.88	-681.28	192.59	0.65	1	M _{max}
13(19)	13	-41.47	-9.89	-652.10	20.51	-142.15	1	U _{max}
13(1)	13	0.16	-10.93	-727.68	22.65	0.66	0	V-V
13(0)	13	-3.98	-10.65	-707.84	22.09	-13.48	0	W _x +V
13(0)	13	4.29	-10.65	-707.84	22.09	14.76	0	-W _x +V
13(0)	13	0.16	-18.72	-712.14	49.69	0.64	0	W _y +V
13(0)	13	0.16	-2.59	-703.54	-5.51	0.64	0	-W _y +V
13(0)	13	-41.47	-9.89	-652.10	20.51	-142.15	1	E _x +V
13(0)	13	41.76	-9.88	-652.12	20.47	143.33	1	-E _x +V
13(0)	13	0.16	-59.88	-681.28	192.59	0.65	1	E _y +V
13(0)	13	0.13	40.11	-622.94	-151.60	0.53	1	-E _y +V

14(19)	14	-41.46	-9.78	-651.77	20.06	-142.13	1	U _{max}
14(21)	14	0.13	-59.68	-680.52	191.82	0.59	1	V _{max}
14(26)	14	0.08	41.78	-513.77	-155.16	0.38	1	N _{min}
14(1)	14	0.13	-10.80	-726.96	22.11	0.59	0	N _{max}
14(21)	14	0.13	-59.68	-680.52	191.82	0.59	1	M _{max}
14(19)	14	-41.46	-9.78	-651.77	20.06	-142.13	1	U _{max}
14(1)	14	0.13	-10.80	-726.96	22.11	0.59	0	V-V
14(0)	14	-4.01	-10.52	-707.16	21.56	-13.54	0	W _x +V
14(0)	14	4.26	-10.53	-707.10	21.56	14.69	0	-W _x +V
14(0)	14	0.13	-18.59	-711.43	49.16	0.57	0	W _y +V
14(0)	14	0.13	-2.46	-702.83	-6.04	0.58	0	-W _y +V
14(0)	14	-41.46	-9.78	-651.77	20.06	-142.13	1	E _x +V
14(0)	14	41.69	-9.75	-651.09	19.93	143.19	1	-E _x +V
14(0)	14	0.13	-59.68	-680.52	191.82	0.59	1	E _y +V
14(0)	14	0.10	40.16	-622.34	-151.83	0.47	1	-E _y +V

15(19)	15	-41.57	-9.65	-653.28	19.57	-142.36	1	U _{max}
15(21)	15	0.44	-59.47	-687.30	191.01	1.22	1	V _{max}
15(26)	15	0.33	41.83	-519.56	-155.34	0.91	1	N _{min}
15(1)	15	0.48	-10.83	-735.96	21.93	1.31	0	N _{max}
15(21)	15	0.44	-59.47	-687.30	191.01	1.22	1	M _{max}
15(19)	15	-41.57	-9.65	-653.28	19.57	-142.36	1	U _{max}
15(1)	15	0.48	-10.83	-735.96	21.93	1.31	0	V-V
15(0)	15	-3.71	-10.52	-715.12	21.28	-12.93	0	W _x +V
15(0)	15	4.63	-10.52	-716.03	21.28	15.47	0	-W _x +V
15(0)	15	0.46	-18.58	-719.87	48.88	1.27	0	W _y +V
15(0)	15	0.46	-2.45	-711.27	-6.33	1.27	0	-W _y +V
15(0)	15	-41.57	-9.65	-653.28	19.57	-142.36	1	E _x +V
15(0)	15	42.41	-9.59	-663.30	19.34	144.69	1	-E _x +V
15(0)	15	0.44	-59.47	-687.30	191.01	1.22	1	E _y +V
15(0)	15	0.40	40.22	-629.28	-152.10	1.10	1	-E _y +V

16(19)	16	-41.70	-8.43	-503.22	12.55	-142.62	1	U _{max}
16(21)	16	-4.22	-56.22	-490.26	183.94	-8.46	1	V _{max}
16(26)	16	-3.54	44.39	-355.58	-160.73	-7.16	1	N _{min}
16(1)	16	-4.84	-7.15	-499.86	14.03	-9.74	0	N _{max}

16(21)	16	-4.22	-56.22	-490.26	183.94	-8.46	1	Mxmax
16(19)	16	-41.70	-6.43	-503.22	12.55	-142.62	1	Mymax
16(1)	16	-4.84	-7.15	-499.86	14.03	-9.74	0	V-V
16(0)	16	-8.42	-6.96	-493.56	13.66	-22.72	0	Wx+V
16(0)	16	-0.94	-6.97	-485.95	13.68	3.88	0	-Wx+V
16(0)	16	-4.68	-15.03	-494.06	41.28	-9.42	0	Wy+V
16(0)	16	-4.68	1.10	-485.45	-13.94	-9.42	0	-Wy+V
16(0)	16	-41.70	-6.43	-503.22	12.55	-142.62	1	Ex+V
16(0)	16	33.22	-6.48	-419.51	12.76	125.60	1	-Ex+V
16(0)	16	-4.22	-56.22	-490.26	183.94	-8.46	1	Ey+V
16(0)	16	-4.25	43.32	-432.47	-158.62	-8.57	1	-Ey+V

17(20)	17	44.44	5.17	-528.65	-9.63	148.79	1	Vxmax
17(21)	17	7.03	-45.06	-457.34	163.35	14.77	1	Vymax
17(26)	17	5.77	54.66	-435.36	-181.38	12.15	1	Nmin
17(1)	17	7.71	5.70	-524.27	-10.70	16.21	0	Nmax
17(21)	17	7.03	-45.06	-457.34	163.35	14.77	1	Mxmax
17(19)	17	-30.47	5.30	-445.21	-10.04	-119.42	1	Mymax
17(1)	17	7.71	5.70	-524.27	-10.70	16.21	0	V-V
17(0)	17	3.78	5.58	-510.66	-10.48	2.51	0	Wx+V
17(0)	17	11.26	5.58	-518.27	-10.47	29.11	0	-Wx+V
17(0)	17	7.53	-2.48	-510.16	17.11	15.83	0	Wy+V
17(0)	17	7.51	13.64	-518.77	-38.06	15.79	0	-Wy+V
17(0)	17	-30.47	5.30	-445.21	-10.04	-119.42	1	Ex+V
17(0)	17	44.44	5.17	-528.65	-9.63	148.79	1	-Ex+V
17(0)	17	7.03	-45.06	-457.34	163.35	14.77	1	Ey+V
17(0)	17	6.93	55.53	-516.51	-183.02	14.60	1	-Ey+V

18(19)	18	-46.58	3.83	-683.52	-7.22	-152.88	1	Vxmax
18(21)	18	-4.62	-46.42	-649.10	165.80	-9.44	1	Vymax
18(26)	18	-3.81	53.39	-594.69	-178.84	-7.74	1	Nmin
18(1)	18	-4.97	4.60	-759.23	-8.68	-10.12	0	Nmax
18(21)	18	-4.62	-46.42	-649.10	165.80	-9.44	1	Mxmax
18(19)	18	-46.58	3.83	-683.52	-7.22	-152.88	1	Mymax
18(1)	18	-4.97	4.60	-759.23	-8.68	-10.12	0	V-V
18(0)	18	-9.05	4.39	-738.48	-8.26	-24.13	0	Wx+V
18(0)	18	-0.70	4.39	-737.57	-8.27	4.27	0	-Wx+V
18(0)	18	-4.87	-3.67	-733.73	19.32	-9.93	0	Wy+V
18(0)	18	-4.87	12.45	-742.31	-35.86	-9.92	0	-Wy+V
18(0)	18	-46.58	3.83	-683.52	-7.22	-152.88	1	Ex+V
18(0)	18	37.39	3.78	-673.35	-7.01	134.14	1	-Ex+V
18(0)	18	-4.62	-46.42	-649.10	165.80	-9.44	1	Ey+V
18(0)	18	-4.58	54.02	-707.77	-180.03	-9.30	1	-Ey+V

19(19)	19	-41.02	9.49	-645.99	-19.15	-141.33	1	Vxmax
19(22)	19	0.56	59.61	-675.62	-191.72	1.37	1	Vymax
19(26)	19	0.47	58.03	-567.90	-188.54	1.15	1	Nmin
19(1)	19	0.59	10.67	-722.80	-21.51	1.43	0	Nmax
19(21)	19	0.53	-40.68	-616.95	153.56	1.25	1	Mxmax
19(19)	19	-41.02	9.49	-645.99	-19.15	-141.33	1	Mymax
19(1)	19	0.59	10.67	-722.80	-21.51	1.43	0	V-V
19(0)	19	-3.55	10.35	-702.68	-20.87	-12.72	0	Wx+V
19(0)	19	4.71	10.35	-702.74	-20.87	15.52	0	-Wx+V
19(0)	19	0.58	2.29	-698.41	6.72	1.40	0	Wy+V
19(0)	19	0.58	18.41	-707.01	-48.47	1.40	0	-Wy+V
19(0)	19	-41.02	9.49	-645.99	-19.15	-141.33	1	Ex+V
19(0)	19	42.11	9.45	-646.58	-19.01	143.95	1	-Ex+V
19(0)	19	0.53	-40.68	-616.95	153.56	1.25	1	Ey+V
19(0)	19	0.56	59.61	-675.62	-191.72	1.37	1	-Ey+V

20(19)	20	-41.56	9.47	-648.60	-19.35	-142.45	1	Vxmax
20(22)	20	0.06	59.54	-677.83	-191.69	0.34	1	Vymax
20(26)	20	0.06	57.96	-569.73	-188.47	0.29	1	Nmin

20(1)	20	0.06	10.47	-723.80	-21.37	0.32	0	Nmax
20(22)	20	0.06	59.54	-677.83	-191.69	0.34	1	Mxmax
20(19)	20	-41.56	9.47	-648.60	-19.35	-142.45	1	Mymax
20(1)	20	0.06	10.47	-723.80	-21.37	0.32	0	V-V
20(0)	20	-4.08	10.20	-704.06	-20.83	-13.82	0	Wx+V
20(0)	20	4.19	10.21	-704.06	-20.83	14.43	0	-Wx+V
20(0)	20	0.05	2.14	-699.76	6.77	0.31	0	Wy+V
20(0)	20	0.05	18.27	-708.36	-48.43	0.31	0	-Wy+V
20(0)	20	-41.56	9.47	-648.60	-19.35	-142.45	1	Ex+V
20(0)	20	41.66	9.46	-648.55	-19.30	143.00	1	-Ex+V
20(0)	20	0.03	-40.60	-619.33	153.04	0.22	1	Ey+V
20(0)	20	0.06	59.54	-677.83	-191.69	0.34	1	-Ey+V

21(19)	21	-41.51	9.58	-648.69	-19.80	-142.33	1	Vxmax
21(22)	21	0.12	59.59	-677.88	-191.92	0.45	1	Vymax
21(26)	21	0.10	57.99	-569.76	-188.62	0.39	1	Nmin
21(1)	21	0.12	10.60	-723.94	-21.91	0.44	0	Nmax
21(22)	21	0.12	59.59	-677.88	-191.92	0.45	1	Mxmax
21(19)	21	-41.51	9.58	-648.69	-19.80	-142.33	1	Mymax
21(1)	21	0.12	10.60	-723.94	-21.91	0.44	0	V-V
21(0)	21	-4.02	10.33	-704.19	-21.36	-13.69	0	Wx+V
21(0)	21	4.25	10.33	-704.19	-21.36	14.55	0	-Wx+V
21(0)	21	0.11	2.27	-699.89	6.24	0.43	0	Wy+V
21(0)	21	0.11	18.40	-708.49	-48.96	0.43	0	-Wy+V
21(0)	21	-41.51	9.58	-648.69	-19.80	-142.33	1	Ex+V
21(0)	21	41.71	9.60	-648.73	-19.84	143.12	1	-Ex+V
21(0)	21	0.09	-40.40	-619.54	152.27	0.33	1	Ey+V
21(0)	21	0.12	59.59	-677.88	-191.92	0.45	1	-Ey+V

22(19)	22	-41.49	9.69	-648.94	-20.24	-142.30	1	Vxmax
22(22)	22	0.09	59.62	-677.74	-192.13	0.40	1	Vymax
22(26)	22	0.08	58.01	-569.63	-188.74	0.34	1	Nmin
22(1)	22	0.09	10.72	-723.88	-22.44	0.38	0	Nmax
22(22)	22	0.09	59.62	-677.74	-192.13	0.40	1	Mxmax
22(19)	22	-41.49	9.69	-648.94	-20.24	-142.30	1	Mymax
22(1)	22	0.09	10.72	-723.88	-22.44	0.38	0	V-V
22(0)	22	-4.05	10.46	-704.16	-21.88	-13.75	0	Wx+V
22(0)	22	4.22	10.46	-704.11	-21.87	14.49	0	-Wx+V
22(0)	22	0.08	2.39	-699.83	5.73	0.37	0	Wy+V
22(0)	22	0.08	18.52	-708.44	-49.48	0.37	0	-Wy+V
22(0)	22	-41.49	9.69	-648.94	-20.24	-142.30	1	Ex+V
22(0)	22	41.64	9.72	-648.36	-20.37	142.98	1	-Ex+V
22(0)	22	0.06	-40.21	-619.56	151.52	0.28	1	Ey+V
22(0)	22	0.09	59.62	-677.74	-192.13	0.40	1	-Ey+V

23(19)	23	-41.64	9.76	-650.34	-20.61	-142.62	1	Vxmax
23(22)	23	0.36	59.63	-684.43	-192.26	0.95	1	Vymax
23(26)	23	0.30	58.00	-575.20	-188.81	0.80	1	Nmin
23(1)	23	0.38	10.82	-731.31	-22.89	1.00	0	Nmax
23(22)	23	0.36	59.63	-684.43	-192.26	0.95	1	Mxmax
23(19)	23	-41.64	9.76	-650.34	-20.61	-142.62	1	Mymax
23(1)	23	0.38	10.82	-731.31	-22.89	1.00	0	V-V
23(0)	23	-3.80	10.55	-710.93	-22.33	-13.23	0	Wx+V
23(0)	23	4.54	10.54	-711.84	-22.32	15.17	0	-Wx+V
23(0)	23	0.37	2.48	-707.09	5.28	0.97	0	Wy+V
23(0)	23	0.37	18.61	-715.69	-49.93	0.97	0	-Wy+V
23(0)	23	-41.64	9.76	-650.34	-20.61	-142.62	1	Ex+V
23(0)	23	42.33	9.81	-660.51	-20.81	144.39	1	-Ex+V
23(0)	23	0.32	-40.06	-626.41	150.84	0.83	1	Ey+V
23(0)	23	0.36	59.63	-684.43	-192.26	0.95	1	-Ey+V

24(19)	24	-41.67	6.97	-502.63	-15.07	-142.67	1	Vxmax
24(22)	24	-4.20	56.81	-489.79	-186.55	-8.52	1	Vymax

24(26)	24	-3.50	55.63	-412.97	-184.01	-7.09	1	Nmin
24(1)	24	-4.81	7.59	-497.83	-16.49	-9.80	0	Nmax
24(21)	24	-4.23	-42.73	-432.00	156.01	-8.63	1	Mxmax
24(19)	24	-41.67	6.97	-502.63	-15.07	-142.67	1	Mymax
24(1)	24	-4.81	7.59	-497.83	-16.49	-9.80	0	V-V
24(0)	24	-8.40	7.44	-491.94	-16.17	-22.78	0	Wx+V
24(0)	24	-0.92	7.45	-484.32	-16.17	3.83	0	-Wx+V
24(0)	24	-4.66	-0.62	-483.83	11.44	-9.47	0	Wy+V
24(0)	24	-4.66	15.51	-492.44	-43.77	-9.48	0	-Wy+V
24(0)	24	-41.67	6.97	-502.63	-15.07	-142.67	1	Ex+V
24(0)	24	33.24	7.11	-419.16	-15.48	125.53	1	-Ex+V
24(0)	24	-4.23	-42.73	-432.00	156.01	-8.63	1	Ey+V
24(0)	24	-4.20	56.81	-489.79	-186.55	-8.52	1	-Ey+V

25(20)	25	42.76	-6.68	-438.54	14.89	145.05	1	Vxmax
25(21)	25	5.40	-55.42	-445.98	184.80	11.05	1	Vymax
25(26)	25	4.86	42.83	-271.59	-156.89	10.20	1	Nmin
25(13)	25	5.92	-15.12	-417.95	43.28	12.25	0	Nmax
25(21)	25	5.40	-55.42	-445.98	184.80	11.05	1	Mxmax
25(19)	25	-31.56	-7.06	-344.26	15.55	-121.87	1	Mymax
25(1)	25	6.05	-7.49	-416.62	16.61	12.53	0	V-V
25(0)	25	2.22	-7.35	-405.76	16.30	-0.97	0	Wx+V
25(0)	25	9.65	-7.31	-414.23	16.20	25.54	0	-Wx+V
25(0)	25	5.92	-15.12	-417.95	43.28	12.25	0	Wy+V
25(0)	25	5.95	0.46	-402.05	-10.79	12.32	0	-Wy+V
25(0)	25	-31.56	-7.06	-344.26	15.55	-121.87	1	Ex+V
25(0)	25	42.76	-6.68	-438.54	14.89	145.05	1	-Ex+V
25(0)	25	5.40	-55.42	-445.98	184.80	11.05	1	Ey+V
25(0)	25	5.79	41.68	-336.82	-154.35	12.13	1	-Ey+V

26(19)	26	-45.85	-3.96	-593.47	8.91	-151.57	1	Vxmax
26(21)	26	-4.24	-52.49	-641.60	178.38	-8.98	1	Vymax
26(26)	26	-3.38	45.14	-435.03	-161.76	-6.93	1	Nmin
26(1)	26	-4.52	-4.97	-643.03	11.12	-9.42	0	Nmax
26(21)	26	-4.24	-52.49	-641.60	178.38	-8.98	1	Mxmax
26(19)	26	-45.85	-3.96	-593.47	8.91	-151.57	1	Mymax
26(1)	26	-4.52	-4.97	-643.03	11.12	-9.42	0	V-V
26(0)	26	-8.57	-4.72	-628.94	10.58	-23.38	0	Wx+V
26(0)	26	-0.27	-4.72	-627.85	10.59	4.93	0	-Wx+V
26(0)	26	-4.42	-12.51	-636.29	37.62	-9.22	0	Wy+V
26(0)	26	-4.42	3.08	-620.49	-16.46	-9.23	0	-Wy+V
26(0)	26	-45.85	-3.96	-593.47	8.91	-151.57	1	Ex+V
26(0)	26	37.54	-4.07	-581.03	9.23	134.21	1	-Ex+V
26(0)	26	-4.24	-52.49	-641.60	178.38	-8.98	1	Ey+V
26(0)	26	-4.08	44.47	-532.91	-160.24	-8.38	1	-Ey+V

27(19)	27	-41.69	-12.93	-605.92	27.26	-142.92	1	Vxmax
27(21)	27	-0.48	-61.36	-660.67	196.36	-1.17	1	Vymax
27(26)	27	-0.23	37.62	-450.94	-146.28	-0.38	1	Nmin
27(1)	27	-0.52	-14.65	-661.08	30.90	-1.13	0	Nmax
27(21)	27	-0.48	-61.36	-660.67	196.36	-1.17	1	Mxmax
27(19)	27	-41.69	-12.93	-605.92	27.26	-142.92	1	Mymax
27(1)	27	-0.52	-14.65	-661.08	30.90	-1.13	0	V-V
27(0)	27	-4.60	-14.21	-646.68	29.96	-15.13	0	Wx+V
27(0)	27	3.63	-14.20	-646.73	29.96	13.02	0	-Wx+V
27(0)	27	-0.49	-22.00	-654.64	57.00	-1.05	0	Wy+V
27(0)	27	-0.49	-6.41	-638.78	2.92	-1.06	0	-Wy+V
27(0)	27	-41.69	-12.93	-605.92	27.26	-142.92	1	Ex+V
27(0)	27	40.92	-12.96	-606.74	27.38	141.22	1	-Ex+V
27(0)	27	-0.48	-61.36	-660.67	196.36	-1.17	1	Ey+V
27(0)	27	-0.30	35.46	-551.99	-141.73	-0.53	1	-Ey+V

28(19)	28	-41.30	-15.32	-654.56	31.97	-142.12	1	Vxmax

28(21)	28	-0.05	-63.66	-708.75	200.78	-0.29	1	Vymax
28(26)	28	0.12	35.57	-491.30	-142.12	0.34	1	Nmin
28(1)	28	0.05	-17.07	-711.17	35.64	0.06	0	Nmax
28(21)	28	-0.05	-63.66	-708.75	200.78	-0.29	1	Hxmax
28(19)	28	-41.30	-15.32	-654.56	31.97	-142.12	1	Hymax
28(1)	28	0.05	-17.07	-711.17	35.64	0.06	0	V-V
28(0)	28	-4.07	-16.61	-696.32	34.69	-14.03	0	Wx+V
28(0)	28	4.16	-16.61	-696.32	34.69	14.13	0	-Wx+V
28(0)	28	0.05	-24.41	-704.25	61.73	0.08	0	Wy+V
28(0)	28	0.05	-8.82	-688.39	7.64	0.05	0	-Wy+V
28(0)	28	-41.30	-15.32	-654.56	31.97	-142.12	1	Ex+V
28(0)	28	41.37	-15.33	-654.59	32.02	142.17	1	-Ex+V
28(0)	28	-0.05	-63.66	-708.75	200.78	-0.29	1	Ey+V
28(0)	28	0.12	33.01	-600.40	-136.79	0.35	1	-Ey+V

29(19)	29	-41.35	-15.25	-655.44	31.61	-142.22	1	Vxmax
29(21)	29	-0.10	-63.51	-709.45	200.11	-0.40	1	Vymax
29(26)	29	0.08	35.56	-492.16	-142.19	0.26	1	Nmin
29(1)	29	-0.02	-16.99	-712.14	35.19	-0.07	0	Nmax
29(21)	29	-0.10	-63.51	-709.45	200.11	-0.40	1	Hxmax
29(19)	29	-41.35	-15.25	-655.44	31.61	-142.22	1	Hymax
29(1)	29	-0.02	-16.99	-712.14	35.19	-0.07	0	V-V
29(0)	29	-4.13	-16.53	-697.25	34.25	-14.16	0	Wx+V
29(0)	29	4.10	-16.53	-697.25	34.25	14.01	0	-Wx+V
29(0)	29	-0.01	-24.32	-705.18	61.30	-0.07	0	Wy+V
29(0)	29	-0.02	-8.74	-689.32	7.20	-0.08	0	-Wy+V
29(0)	29	-41.35	-15.25	-655.44	31.61	-142.22	1	Ex+V
29(0)	29	41.32	-15.24	-655.41	31.57	142.07	1	-Ex+V
29(0)	29	-0.10	-63.51	-709.45	200.11	-0.40	1	Ey+V
29(0)	29	0.07	33.02	-601.40	-136.92	0.25	1	-Ey+V

30(19)	30	-41.32	-15.16	-654.90	31.19	-142.15	1	Vxmax
30(21)	30	-0.11	-63.34	-708.37	199.39	-0.40	1	Vymax
30(26)	30	0.07	35.57	-491.54	-142.31	0.25	1	Nmin
30(1)	30	-0.02	-16.87	-711.16	34.69	-0.08	0	Nmax
30(21)	30	-0.11	-63.34	-708.37	199.39	-0.40	1	Hxmax
30(19)	30	-41.32	-15.16	-654.90	31.19	-142.15	1	Hymax
30(1)	30	-0.02	-16.87	-711.16	34.69	-0.08	0	V-V
30(0)	30	-4.13	-16.42	-696.31	33.75	-14.15	0	Wx+V
30(0)	30	4.10	-16.42	-696.26	33.76	14.00	0	-Wx+V
30(0)	30	-0.02	-24.21	-704.22	60.80	-0.07	0	Wy+V
30(0)	30	-0.02	-8.62	-688.35	6.71	-0.08	0	-Wy+V
30(0)	30	-41.32	-15.16	-654.90	31.19	-142.15	1	Ex+V
30(0)	30	41.28	-15.13	-654.08	31.08	141.99	1	-Ex+V
30(0)	30	-0.11	-63.34	-708.37	199.39	-0.40	1	Ey+V
30(0)	30	0.07	33.05	-600.62	-137.12	0.24	1	-Ey+V

31(19)	31	-41.62	-15.03	-652.91	30.71	-142.78	1	Vxmax
31(21)	31	-0.01	-63.10	-712.82	198.54	-0.21	1	Vymax
31(26)	31	0.15	35.64	-495.59	-142.53	0.42	1	Nmin
31(1)	31	0.07	-16.69	-715.99	34.04	0.11	0	Nmax
31(21)	31	-0.01	-63.10	-712.82	198.54	-0.21	1	Hxmax
31(19)	31	-41.62	-15.03	-652.91	30.71	-142.78	1	Hymax
31(1)	31	0.07	-16.69	-715.99	34.04	0.11	0	V-V
31(0)	31	-4.08	-16.24	-700.52	33.13	-14.05	0	Wx+V
31(0)	31	4.22	-16.24	-701.61	33.12	14.26	0	-Wx+V
31(0)	31	0.07	-24.04	-709.00	60.18	0.11	0	Wy+V
31(0)	31	0.07	-8.44	-693.13	6.07	0.10	0	-Wy+V
31(0)	31	-41.62	-15.03	-652.91	30.71	-142.78	1	Ex+V
31(0)	31	41.77	-14.92	-665.35	30.39	143.00	1	-Ex+V
31(0)	31	-0.01	-63.10	-712.82	198.54	-0.21	1	Ey+V
31(0)	31	0.16	33.15	-605.45	-137.44	0.43	1	-Ey+V

32(19)	32	-39.76	-9.78	-469.52	19.60	-138.92	1	Vxmax
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32(21)	32	-2.68	-58.02	-476.18	187.65	-5.75	1	Vy _{max}
32(26)	32	-2.09	39.75	-298.22	-151.11	-4.25	1	N _{min}
32(13)	32	-2.70	-18.39	-450.95	48.22	-5.66	0	N _{max}
32(21)	32	-2.68	-58.02	-476.18	187.65	-5.75	1	M _x max
32(19)	32	-39.76	-9.78	-469.52	19.60	-138.92	1	M _y max
32(1)	32	-2.74	-10.81	-450.36	21.61	-5.73	0	V-V
32(0)	32	-6.42	-10.57	-447.26	21.12	-18.91	0	W _x +V
32(0)	32	1.01	-10.61	-438.79	21.21	7.59	0	-W _x +V
32(0)	32	-2.70	-18.39	-450.95	48.22	-5.66	0	W _y +V
32(0)	32	-2.70	-2.79	-435.09	-5.89	-5.66	0	-W _y +V
32(0)	32	-39.76	-9.78	-469.52	19.60	-138.92	1	Ex+V
32(0)	32	34.55	-10.15	-375.28	20.26	128.01	1	-Ex+V
32(0)	32	-2.68	-58.02	-476.18	187.65	-5.75	1	Ey+V
32(0)	32	-2.53	38.08	-368.62	-147.79	-5.16	1	-Ey+V

The coordinate points of M_x=0 and M_y=0

Tower = 1	Xodf =	1.39	Yodf =	11.02	SGM-N =	-19216.6	V _x max
Tower = 1	Xodf =	1.13	Yodf =	10.93	SGM-N =	-20254.0	V _y max
Tower = 1	Xodf =	1.05	Yodf =	10.97	SGM-N =	-15648.9	N _{min}
Tower = 1	Xodf =	1.05	Yodf =	10.97	SGM-N =	-20889.9	N _{max}
Tower = 1	Xodf =	1.11	Yodf =	10.94	SGM-N =	-19920.7	M _x max
Tower = 1	Xodf =	1.58	Yodf =	10.97	SGM-N =	-19038.9	M _y max
Tower = 1	Xodf =	1.05	Yodf =	10.97	SGM-N =	-20886.2	V-V
Tower = 1	Xodf =	1.10	Yodf =	10.97	SGM-N =	-20401.3	W _x +V
Tower = 1	Xodf =	1.01	Yodf =	10.97	SGM-N =	-20401.3	-W _x +V
Tower = 1	Xodf =	1.05	Yodf =	10.98	SGM-N =	-20401.3	W _y +V
Tower = 1	Xodf =	1.05	Yodf =	10.97	SGM-N =	-20401.3	-W _y +V
Tower = 1	Xodf =	1.58	Yodf =	10.97	SGM-N =	-19038.9	Ex+V
Tower = 1	Xodf =	0.53	Yodf =	10.97	SGM-N =	-19038.9	-Ex+V
Tower = 1	Xodf =	1.05	Yodf =	11.03	SGM-N =	-19038.9	Ey+V
Tower = 1	Xodf =	1.05	Yodf =	10.91	SGM-N =	-19038.9	-Ey+V

```

*****
*                               Output of Reinforcements                               *
*                               PJ-1.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                              *

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* 0 --- Minimum reinforcement *
 * 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 = 1

N-C= 1 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
 (22) Uc = N/Ac/fc = 0.19 N = -474.
 (26) Mx = -225. Ncx = -404.
 (24) My = 176. Ncy = -396.
 Ascx(26)= 953. AscY(24)= 1060. Rsc= 2.01 Asvc(0)= 118.1 Rsvc= 0.60
 4D18 5D18 5D 6

N-C= 2 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
 (22) Uc = N/Ac/fc = 0.28 N = -708.
 (26) Mx = -236. Ncx = -599.
 (23) My = -180. Ncy = -551.
 AscX(26)= 863. AscY(23)= 973. Rsc= 1.84 Asvc(0)= 118.1 Rsvc= 0.60
 4D18 4D18 5D 6

N-C= 3 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
 (22) Uc = N/Ac/fc = 0.28 N = -706.
 (26) Mx = -244. Ncx = -597.
 (24) My = 179. Ncy = -543.

Ascx(26)= 916. Asc(24)= 969. Rsc= 1.89 Asvc(0)= 118.1 Rsvc= 0.60
4D18 4D18 5D 6

N-C= 4 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
(22) Uc = N/Ac/fc = 0.28 N = -705.
(26) Mx = -245. Ncx = -597.
(24) My = 179. Ncy = -542.

Ascx(26)= 919. Asc(24)= 968. Rsc= 1.89 Asvc(0)= 118.1 Rsvc= 0.60
4D18 4D18 5D 6

N-C= 5 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
(22) Uc = N/Ac/fc = 0.28 N = -706.
(26) Mx = -245. Ncx = -597.
(24) My = 179. Ncy = -543.

Ascx(26)= 919. Asc(24)= 968. Rsc= 1.89 Asvc(0)= 118.1 Rsvc= 0.60
4D18 4D18 5D 6

N-C= 6 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
(22) Uc = N/Ac/fc = 0.28 N = -705.
(26) Mx = -245. Ncx = -596.
(24) My = 179. Ncy = -542.

Ascx(26)= 920. Asc(24)= 966. Rsc= 1.89 Asvc(0)= 118.1 Rsvc= 0.60
4D18 4D18 5D 6

N-C= 7 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
(22) Uc = N/Ac/fc = 0.27 N = -667.
(26) Mx = -239. Ncx = -565.
(24) My = 182. Ncy = -517.

Ascx(26)= 907. Asc(24)= 1012. Rsc= 1.92 Asvc(0)= 118.1 Rsvc= 0.60
4D18 4D18 5D 6

N-C= 8 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
(22) Uc = N/Ac/fc = 0.17 N = -430.
(22) Mx = -232. Ncx = -430.
(19) My = -175. Ncy = -423.

Ascx(22)= 972. Asc(19)= 1037. Rsc= 2.01 Asvc(0)= 118.1 Rsvc= 0.60
4D18 5D18 5D 6

N-C= 9 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
(20) Uc = N/Ac/fc = 0.21 N = -513.
(25) Mx = 232. Ncx = -422.
(24) My = 177. Ncy = -435.

Ascx(25)= 981. Asc(24)= 1039. Rsc= 2.02 Asvc(0)= 118.1 Rsvc= 0.60
4D18 5D18 5D 6

N-C= 10 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
(21) Uc = N/Ac/fc = 0.28 N = -697.
(25) Mx = 237. Ncx = -586.
(24) My = 179. Ncy = -551.

Ascx(25)= 882. Asc(24)= 964. Rsc= 1.85 Asvc(0)= 118.1 Rsvc= 0.60
4D18 4D18 5D 6

N-C= 11 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
(21) Uc = N/Ac/fc = 0.27 N = -682.
(25) Mx = 238. Ncx = -573.
(24) My = 179. Ncy = -544.

Ascx(25)= 895. Asc(24)= 969. Rsc= 1.86 Asvc(0)= 118.1 Rsvc= 0.60
4D18 4D18 5D 6

N-C= 12 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
(21) Uc = N/Ac/fc = 0.27 N = -682.
(25) Mx = 237. Ncx = -573.
(24) My = 179. Ncy = -544.

Ascx(25)= 890. AscY(24)= 969. Rsc= 1.86 Asvc(0)= 118.1 Rsvc= 0.60
4D18 4D18 5D 6

N-C= 13 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
(21) Uc = N/Ac/fc = 0.27 N = -681.
(25) Mx = 236. Ncx = -573.
(24) My = 179. Ncy = -543.

AscX(25)= 885. AscY(24)= 969. Rsc= 1.85 Asvc(0)= 118.1 Rsvc= 0.60
4D18 4D18 5D 6

N-C= 14 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
(21) Uc = N/Ac/fc = 0.27 N = -681.
(25) Mx = 236. Ncx = -572.
(24) My = 179. Ncy = -543.

AscX(25)= 881. AscY(24)= 969. Rsc= 1.85 Asvc(0)= 118.1 Rsvc= 0.60
4D18 4D18 5D 6

N-C= 15 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
(21) Uc = N/Ac/fc = 0.27 N = -687.
(25) Mx = 235. Ncx = -578.
(24) My = 181. Ncy = -554.

AscX(25)= 871. AscY(24)= 974. Rsc= 1.84 Asvc(0)= 118.1 Rsvc= 0.60
4D18 4D18 5D 6

N-C= 16 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
(19) Uc = N/Ac/fc = 0.20 N = -503.
(25) Mx = 227. Ncx = -413.
(23) My = -177. Ncy = -426.

AscX(25)= 960. AscY(23)= 1042. Rsc= 2.00 Asvc(0)= 118.1 Rsvc= 0.60
4D18 5D18 5D 6

N-C= 17 (1)B*H(mm)= 400* 500 Lc= 8.27(m)
(20) Uc = N/Ac/fc = 0.21 N = -529.
(26) Mx = -227. Ncx = -435.
(24) My = 183. Ncy = -447.

AscX(26)= 935. AscY(24)= 1076. Rsc= 2.01 Asvc(0)= 118.1 Rsvc= 0.60
4D18 5D18 5D 6

N-C= 18 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
(22) Uc = N/Ac/fc = 0.28 N = -708.
(26) Mx = -224. Ncx = -595.
(23) My = -189. Ncy = -570.

AscX(26)= 793. AscY(23)= 1027. Rsc= 1.82 Asvc(0)= 118.1 Rsvc= 0.60
4D18 5D18 5D 6

N-C= 19 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
(22) Uc = N/Ac/fc = 0.27 N = -676.
(26) Mx = -236. Ncx = -568.
(24) My = 180. Ncy = -539.

AscX(26)= 884. AscY(24)= 978. Rsc= 1.86 Asvc(0)= 118.1 Rsvc= 0.60
4D18 4D18 5D 6

N-C= 20 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
(22) Uc = N/Ac/fc = 0.27 N = -678.
(26) Mx = -236. Ncx = -570.
(24) My = 179. Ncy = -540.

AscX(26)= 882. AscY(24)= 969. Rsc= 1.85 Asvc(0)= 118.1 Rsvc= 0.60
4D18 4D18 5D 6

N-C= 21 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
(22) Uc = N/Ac/fc = 0.27 N = -678.
(26) Mx = -236. Ncx = -570.
(24) My = 179. Ncy = -541.

AscX(26)= 883. AscY(24)= 970. Rsc= 1.85 Asvc(0)= 118.1 Rsvc= 0.60
4D18 4D18 5D 6

N-C= 22 (1)B*H(mm)= 400* 500 Lc= 6.27(m)

(22) Uc = N/Ac/fc = 0.27 N = -678.

(26) Mx = -236. Ncx = -570.

(24) My = 179. Ncy = -540.

AscX(26)= 884. AscY(24)= 969. Rsc= 1.85 Asvc(0)= 118.1 Rsvc= 0.60
4D18 4D18 5D 6

N-C= 23 (1)B*H(mm)= 400* 500 Lc= 6.27(m)

(22) Uc = N/Ac/fc = 0.27 N = -684.

(26) Mx = -236. Ncx = -575.

(24) My = 180. Ncy = -551.

AscX(26)= 881. AscY(24)= 973. Rsc= 1.85 Asvc(0)= 118.1 Rsvc= 0.60
4D18 4D18 5D 6

N-C= 24 (1)B*H(mm)= 400* 500 Lc= 6.27(m)

(19) Uc = N/Ac/fc = 0.20 N = -503.

(26) Mx = -230. Ncx = -413.

(23) My = -177. Ncy = -426.

AscX(26)= 977. AscY(23)= 1043. Rsc= 2.02 Asvc(0)= 118.1 Rsvc= 0.60
4D18 5D18 5D 6

N-C= 25 (1)B*H(mm)= 400* 500 Lc= 6.27(m)

(21) Uc = N/Ac/fc = 0.18 N = -446.

(25) Mx = 228. Ncx = -381.

(20) My = 181. Ncy = -439.

AscX(25)= 995. AscY(20)= 1070. Rsc= 2.07 Asvc(0)= 118.1 Rsvc= 0.60
4D18 5D18 5D 6

N-C= 26 (1)B*H(mm)= 400* 500 Lc= 6.27(m)

(21) Uc = N/Ac/fc = 0.26 N = -642.

(25) Mx = 221. Ncx = -544.

(23) My = -188. Ncy = -496.

AscX(25)= 813. AscY(23)= 1075. Rsc= 1.89 Asvc(0)= 118.1 Rsvc= 0.60
4D18 5D18 5D 6

N-C= 27 (1)B*H(mm)= 400* 500 Lc= 6.27(m)

(21) Uc = N/Ac/fc = 0.26 N = -661.

(25) Mx = 240. Ncx = -560.

(23) My = -178. Ncy = -505.

AscX(25)= 914. AscY(23)= 995. Rsc= 1.91 Asvc(0)= 118.1 Rsvc= 0.60
4D18 4D18 5D 6

N-C= 28 (1)B*H(mm)= 400* 500 Lc= 6.27(m)

(21) Uc = N/Ac/fc = 0.28 N = -709.

(25) Mx = 244. Ncx = -600.

(24) My = 178. Ncy = -545.

AscX(25)= 914. AscY(24)= 957. Rsc= 1.87 Asvc(0)= 118.1 Rsvc= 0.60
4D18 4D18 5D 6

N-C= 29 (1)B*H(mm)= 400* 500 Lc= 6.27(m)

(21) Uc = N/Ac/fc = 0.28 N = -709.

(25) Mx = 244. Ncx = -600.

(23) My = -178. Ncy = -546.

AscX(25)= 909. AscY(23)= 957. Rsc= 1.87 Asvc(0)= 118.1 Rsvc= 0.60
4D18 4D18 5D 6

N-C= 30 (1)B*H(mm)= 400* 500 Lc= 6.27(m)

(21) Uc = N/Ac/fc = 0.28 N = -708.

(25) Mx = 243. Ncx = -599.

(23) My = -178. Ncy = -546.

AscX(25)= 905. AscY(23)= 957. Rsc= 1.86 Asvc(0)= 118.1 Rsvc= 0.60
 4D18 4D18 5D 6

N-C= 31 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
 (21) Uc = N/Ac/fc = 0.29 N = -713.
 (25) Mx = 242. Ncx = -603.
 (23) My = -178. Ncy = -543.

AscX(25)= 897. AscY(23)= 965. Rsc= 1.86 Asvc(0)= 118.1 Rsvc= 0.60
 4D18 4D18 5D 6

N-C= 32 (1)B*H(mm)= 400* 500 Lc= 6.27(m)
 (21) Uc = N/Ac/fc = 0.19 N = -476.
 (25) Mx = 230. Ncx = -406.
 (23) My = -173. Ncy = -399.

AscX(25)= 986. AscY(23)= 1033. Rsc= 2.02 Asvc(0)= 118.1 Rsvc= 0.60
 4D18 5D18 5D 6

N-B= 1 (1)B*H(mm)= 250* 450 Lb= 4.80(m)

	-1-	-1-	-2-	-3-	-J-		-1-	-1-	-2-	-3-	-J-
+M=	47.	79.	63.	65.	34.	-M=	-130.	-33.	0.	-24.	-126.
	(49)	(45)	(27)	(46)	(50)		(72)	(24)	(1)	(23)	(19)
As=	337.	484.	518.	397.	337.	As=	835.	281.	281.	281.	803.
	(0)	(45)	(27)	(46)	(0)		(72)	(0)	(0)	(0)	(19)
	2D18	2D18	3D18	2D18	2D18		4D18	2D18	2D18	2D18	4D18
Rs=	0.30	0.43	0.46	0.35	0.30	Rs=	0.74	0.25	0.25	0.25	0.71
V(19)=	110.	Asv(0)=	45.	2D 6	Rsv=	0.18					
T & V(53)=	0.5 &	78.	Ast(0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

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

	-1-	-1-	-2-	-3-	-J-		-1-	-1-	-2-	-3-	-J-
+M=	32.	53.	38.	58.	38.	-M=	-111.	-31.	0.	-28.	-106.
	(49)	(45)	(27)	(46)	(50)		(20)	(24)	(1)	(23)	(19)
As=	337.	319.	307.	349.	337.	As=	705.	281.	281.	281.	665.
	(0)	(45)	(27)	(46)	(0)		(20)	(0)	(0)	(0)	(19)
	2D18	2D18	2D18	2D18	2D18		3D18	2D18	2D18	2D18	3D18
Rs=	0.30	0.28	0.27	0.31	0.30	Rs=	0.63	0.25	0.25	0.25	0.59
V(20)=	91.	Asv(0)=	45.	2D 6	Rsv=	0.18					
T & V(53)=	0.3 &	62.	Ast(0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

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

	-1-	-1-	-2-	-3-	-J-		-1-	-1-	-2-	-3-	-J-
+M=	36.	57.	39.	57.	38.	-M=	-109.	-29.	0.	-28.	-107.
	(49)	(45)	(27)	(46)	(50)		(20)	(24)	(1)	(23)	(19)
As=	337.	342.	318.	348.	337.	As=	689.	281.	281.	281.	676.
	(0)	(45)	(27)	(46)	(0)		(20)	(0)	(0)	(0)	(19)
	2D18	2D18	2D18	2D18	2D18		3D18	2D18	2D18	2D18	3D18
Rs=	0.30	0.30	0.28	0.31	0.30	Rs=	0.61	0.25	0.25	0.25	0.60
V(20)=	90.	Asv(0)=	45.	2D 6	Rsv=	0.18					
T & V(73)=	0.0 &	60.	Ast(0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

N-B= 4 (1)B*H(mm)= 250* 450 Lb= 4.80(m)

	-1-	-1-	-2-	-3-	-J-		-1-	-1-	-2-	-3-	-J-
+M=	36.	56.	39.	57.	38.	-M=	-109.	-30.	0.	-28.	-107.
	(49)	(45)	(27)	(46)	(50)		(20)	(24)	(1)	(23)	(19)
As=	337.	340.	316.	348.	337.	As=	691.	281.	281.	281.	675.
	(0)	(45)	(27)	(46)	(0)		(20)	(0)	(0)	(0)	(19)
	2D18	2D18	2D18	2D18	2D18		3D18	2D18	2D18	2D18	3D18
Rs=	0.30	0.30	0.28	0.31	0.30	Rs=	0.61	0.25	0.25	0.25	0.60
V(20)=	90.	Asv(0)=	45.	2D 6	Rsv=	0.18					
T & V(73)=	0.0 &	60.	Ast(0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

Ast1 = 0. 0D 0

N-B= 5 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 36. 56. 39. 58. 38. -M= -110. -29. 0. -28. -107.
 (49) (45) (27) (46) (50) (20) (24) (1) (23) (19)
 As= 337. 340. 317. 351. 337. As= 692. 281. 281. 281. 674.
 (0) (45) (27) (46) (0) (20) (0) (0) (0) (19)
 2D18 2D18 2D18 2D18 2D18 3D18 2D18 2D18 2D18 3D18
 Rs= 0.30 0.30 0.28 0.31 0.30 Rs= 0.61 0.25 0.25 0.25 0.60
 V(20)= 90. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(73)= 0.0 & 61. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 6 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 37. 56. 38. 54. 34. -M= -108. -29. 0. -29. -109.
 (49) (45) (27) (46) (50) (20) (24) (1) (23) (19)
 As= 337. 342. 308. 328. 337. As= 678. 281. 281. 281. 690.
 (0) (45) (27) (46) (0) (20) (0) (0) (0) (19)
 2D18 2D18 2D18 2D18 2D18 3D18 2D18 2D18 2D18 3D18
 Rs= 0.30 0.30 0.27 0.29 0.30 Rs= 0.60 0.25 0.25 0.25 0.61
 V(19)= 90. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(53)= -0.2 & 60. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 7 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 32. 63. 63. 80. 50. -M= -128. -26. 0. -31. -126.
 (49) (45) (27) (46) (50) (20) (24) (1) (23) (19)
 As= 337. 385. 516. 496. 337. As= 824. 281. 281. 281. 809.
 (0) (45) (27) (46) (0) (20) (0) (0) (0) (19)
 2D18 2D18 3D18 2D18 2D18 4D18 2D18 2D18 2D18 4D18
 Rs= 0.30 0.34 0.46 0.44 0.30 Rs= 0.73 0.25 0.25 0.25 0.72
 V(20)= 112. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(53)= -0.5 & 79. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 8 (1)B*H(mm)= 300* 650 Lb= 6.90(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 61. 162. 165. 151. 48. -M= -253. -32. 0. -29. -256.
 (51) (47) (27) (48) (52) (74) (26) (1) (25) (73)
 As= 585. 667. 918. 616. 585. As= 1067. 488. 488. 488. 1081.
 (0) (47) (27) (48) (0) (74) (0) (0) (0) (73)
 3D18 3D18 4D18 3D18 3D18 5D18 2D18 2D18 2D18 5D18
 Rs= 0.30 0.34 0.47 0.32 0.30 Rs= 0.55 0.25 0.25 0.25 0.55
 V(21)= 173. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(72)= -0.2 & 130. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 9 (1)B*H(mm)= 300* 650 Lb= 6.90(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 13. 230. 233. 169. 24. -M= -318. 0. 0. -17. -292.
 (51) (47) (27) (48) (52) (74) (1) (1) (25) (73)
 As= 585. 962. 1331. 695. 585. As= 1367. 488. 488. 488. 1245.
 (0) (47) (27) (48) (0) (74) (0) (0) (0) (73)
 3D18 4D18 6D18 3D18 3D18 6D18 2D18 2D18 2D18 5D18
 Rs= 0.30 0.49 0.68 0.36 0.30 Rs= 0.70 0.25 0.25 0.25 0.64
 V(22)= 271. Asv(22)= 65. 3D 6 Rsv= 0.22
 T & V(72)= -0.3 & 228. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 10 (1)B*H(mm)= 300* 650 Lb= 6.90(m)

	-1-	-1-	-2-	-3-	-J-		-1-	-1-	-2-	-3-	-J-
+M=	0.	277.	229.	163.	24.	-M=	-337.	0.	0.	-21.	-289.
	(1)	(47)	(27)	(48)	(52)		(74)	(1)	(1)	(25)	(73)
As=	585.	1240.	1310.	681.	585.	As=	1459.	488.	488.	488.	1231.
	(0)	(39)	(27)	(1)	(0)		(74)	(0)	(0)	(0)	(73)
	3D18	5D18	6D18	3D18	3D18		6D18	2D18	2D18	2D18	5D18
Rs=	0.30	0.64	0.67	0.35	0.30	Rs=	0.75	0.25	0.25	0.25	0.63
V(22)=	333.	Asv(22)=	99.	4D 6	Rsv=	0.33					
T & V(20)=	-0.1 &	290.	Ast(0)=	0.	0D 0	Astv =	0.	0D 0			
						Ast1 =	0.	0D 0			

N-B=	11 (1)B*H(mm)=	300*	650	Lb=	6.90(m)						
	-1-	-1-	-2-	-3-	-J-		-1-	-1-	-2-	-3-	-J-
+M=	0.	276.	230.	163.	25.	-M=	-337.	0.	0.	-20.	-288.
	(1)	(47)	(27)	(48)	(52)		(74)	(1)	(1)	(25)	(73)
As=	585.	1239.	1311.	681.	585.	As=	1460.	488.	488.	488.	1226.
	(0)	(39)	(27)	(1)	(0)		(74)	(0)	(0)	(0)	(73)
	3D18	5D18	6D18	3D18	3D18		6D18	2D18	2D18	2D18	5D18
Rs=	0.30	0.64	0.67	0.35	0.30	Rs=	0.75	0.25	0.25	0.25	0.63
V(22)=	333.	Asv(22)=	99.	4D 6	Rsv=	0.33					
T & V(72)=	-0.1 &	290.	Ast(0)=	0.	0D 0	Astv =	0.	0D 0			
						Ast1 =	0.	0D 0			

N-B=	12 (1)B*H(mm)=	300*	650	Lb=	6.90(m)						
	-1-	-1-	-2-	-3-	-J-		-1-	-1-	-2-	-3-	-J-
+M=	0.	276.	230.	164.	25.	-M=	-338.	0.	0.	-19.	-287.
	(1)	(47)	(27)	(48)	(52)		(74)	(1)	(1)	(25)	(21)
As=	585.	1235.	1311.	681.	585.	As=	1463.	488.	488.	488.	1220.
	(0)	(39)	(27)	(1)	(0)		(74)	(0)	(0)	(0)	(21)
	3D18	5D18	6D18	3D18	3D18		6D18	2D18	2D18	2D18	5D18
Rs=	0.30	0.63	0.67	0.35	0.30	Rs=	0.75	0.25	0.25	0.25	0.63
V(22)=	333.	Asv(22)=	100.	4D 6	Rsv=	0.33					
T & V(72)=	-0.1 &	291.	Ast(0)=	0.	0D 0	Astv =	0.	0D 0			
						Ast1 =	0.	0D 0			

N-B=	13 (1)B*H(mm)=	300*	650	Lb=	6.90(m)						
	-1-	-1-	-2-	-3-	-J-		-1-	-1-	-2-	-3-	-J-
+M=	0.	275.	230.	164.	25.	-M=	-339.	0.	0.	-19.	-285.
	(1)	(47)	(27)	(48)	(52)		(74)	(1)	(1)	(25)	(21)
As=	585.	1231.	1311.	681.	585.	As=	1467.	488.	488.	488.	1214.
	(0)	(39)	(27)	(1)	(0)		(74)	(0)	(0)	(0)	(21)
	3D18	5D18	6D18	3D18	3D18		6D18	2D18	2D18	2D18	5D18
Rs=	0.30	0.63	0.67	0.35	0.30	Rs=	0.75	0.25	0.25	0.25	0.62
V(22)=	334.	Asv(22)=	100.	4D 6	Rsv=	0.33					
T & V(72)=	-0.1 &	291.	Ast(0)=	0.	0D 0	Astv =	0.	0D 0			
						Ast1 =	0.	0D 0			

N-B=	14 (1)B*H(mm)=	300*	650	Lb=	6.90(m)						
	-1-	-1-	-2-	-3-	-J-		-1-	-1-	-2-	-3-	-J-
+M=	12.	230.	235.	173.	27.	-M=	-316.	0.	0.	-13.	-285.
	(51)	(47)	(27)	(48)	(52)		(74)	(1)	(1)	(25)	(21)
As=	585.	963.	1347.	712.	585.	As=	1359.	488.	488.	488.	1211.
	(0)	(47)	(27)	(48)	(0)		(74)	(0)	(0)	(0)	(21)
	3D18	4D18	6D18	3D18	3D18		6D18	2D18	2D18	2D18	5D18
Rs=	0.30	0.49	0.69	0.36	0.30	Rs=	0.70	0.25	0.25	0.25	0.62
V(22)=	271.	Asv(22)=	66.	3D 6	Rsv=	0.22					
T & V(71)=	0.2 &	229.	Ast(0)=	0.	0D 0	Astv =	0.	0D 0			
						Ast1 =	0.	0D 0			

N-B=	15 (1)B*H(mm)=	300*	650	Lb=	6.90(m)						
	-1-	-1-	-2-	-3-	-J-		-1-	-1-	-2-	-3-	-J-
+M=	57.	161.	167.	154.	51.	-M=	-253.	-30.	0.	-24.	-248.
	(51)	(47)	(27)	(48)	(52)		(74)	(26)	(1)	(25)	(21)

As=	585.	660.	929.	632.	585.	As=	1065.	488.	488.	488.	1041.
	(0)	(47)	(27)	(48)	(0)		(74)	(0)	(0)	(0)	(21)
	3D18	3D18	4D18	3D18	3D18		5D18	2D18	2D18	2D18	5D18
Rs=	0.30	0.34	0.48	0.32	0.30	Rs=	0.55	0.25	0.25	0.25	0.53
V(21)=	171.	Asv(0)=	54.	2D 6	Rsv=	0.18					
T & V(71)=	0.2 &	128.	Ast(0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

N-B=	16 (1)B*H(mm)=	300*	300	Lb=	3.30(m)						
	-1-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-	
+M=	10.	22.	20.	21.	10.	-M=	-53.	-14.	0.	-15.	-54.
	(51)	(47)	(1)	(48)	(52)		(22)	(26)	(1)	(25)	(21)
As=	270.	225.	254.	225.	270.	As=	526.	225.	225.	225.	530.
	(0)	(0)	(1)	(0)	(0)		(22)	(0)	(0)	(0)	(21)
	2D18	1D18	1D18	1D18	2D18		3D18	1D18	1D18	1D18	3D18
Rs=	0.30	0.25	0.28	0.25	0.30	Rs=	0.58	0.25	0.25	0.25	0.59
V(21)=	63.	Asv(0)=	54.	2D 6	Rsv=	0.18					
T & V(73)=	-0.4 &	62.	Ast(0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

N-B=	17 (1)B*H(mm)=	250*	450	Lb=	4.80(m)						
	-1-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-	
+M=	40.	84.	82.	67.	22.	-M=	-138.	-27.	0.	-23.	-141.
	(49)	(45)	(27)	(46)	(50)		(20)	(24)	(1)	(23)	(19)
As=	337.	522.	693.	411.	337.	As=	896.	281.	281.	281.	918.
	(0)	(45)	(27)	(46)	(0)		(20)	(0)	(0)	(0)	(19)
	2D18	3D18	3D18	2D18	2D18		4D18	2D18	2D18	2D18	4D18
Rs=	0.30	0.46	0.62	0.37	0.30	Rs=	0.80	0.25	0.25	0.25	0.82
V(19)=	126.	Asv(0)=	45.	2D 6	Rsv=	0.18					
T & V(53)=	-0.3 &	99.	Ast(0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

N-B=	18 (1)B*H(mm)=	300*	300	Lb=	3.30(m)						
	-1-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-	
+M=	11.	18.	18.	22.	17.	-M=	-53.	-19.	0.	-15.	-46.
	(51)	(47)	(1)	(48)	(52)		(22)	(22)	(1)	(25)	(21)
As=	270.	225.	227.	225.	270.	As=	527.	225.	225.	225.	453.
	(0)	(0)	(1)	(0)	(0)		(22)	(0)	(0)	(0)	(21)
	2D18	1D18	1D18	1D18	2D18		3D18	1D18	1D18	1D18	2D18
Rs=	0.30	0.25	0.25	0.25	0.30	Rs=	0.59	0.25	0.25	0.25	0.50
V(22)=	53.	Asv(0)=	54.	2D 6	Rsv=	0.18					
T & V(53)=	0.6 &	38.	Ast(0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

N-B=	19 (1)B*H(mm)=	250*	450	Lb=	4.80(m)						
	-1-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-	
+M=	16.	64.	77.	66.	19.	-M=	-134.	-23.	0.	-22.	-132.
	(49)	(45)	(27)	(46)	(50)		(20)	(24)	(1)	(23)	(19)
As=	337.	387.	648.	403.	337.	As=	863.	281.	281.	281.	852.
	(0)	(1)	(27)	(46)	(0)		(20)	(0)	(0)	(0)	(19)
	2D18	2D18	3D18	2D18	2D18		4D18	2D18	2D18	2D18	4D18
Rs=	0.30	0.34	0.58	0.36	0.30	Rs=	0.77	0.25	0.25	0.25	0.76
V(20)=	119.	Asv(0)=	45.	2D 6	Rsv=	0.18					
T & V(21)=	-0.1 &	90.	Ast(0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

N-B=	20 (1)B*H(mm)=	300*	300	Lb=	3.30(m)						
	-1-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-	
+M=	13.	18.	18.	17.	13.	-M=	-51.	-19.	0.	-19.	-52.
	(51)	(47)	(1)	(48)	(52)		(22)	(22)	(1)	(21)	(21)
As=	270.	225.	227.	225.	270.	As=	505.	225.	225.	225.	511.
	(0)	(0)	(1)	(0)	(0)		(22)	(0)	(0)	(0)	(21)
	2D18	1D18	1D18	1D18	2D18		2D18	1D18	1D18	1D18	3D18

Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.56 0.25 0.25 0.25 0.57
 V(21)= 50. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(53)= -0.1 & 36. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Ast1 = 0. OD 0

N-B= 21 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 18. 66. 78. 66. 19. -M= -134. -23. 0. -22. -133.
 (49) (45) (27) (46) (50) (20) (24) (1) (23) (19)
 As= 337. 401. 653. 404. 337. As= 866. 281. 281. 281. 858.
 (0) (45) (27) (46) (0) (20) (0) (0) (0) (19)
 2D18 2D18 3D18 2D18 2D18 4D18 2D18 2D18 2D18 4D18
 Rs= 0.30 0.36 0.58 0.36 0.30 Rs= 0.77 0.25 0.25 0.25 0.76
 V(20)= 119. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(73)= 0.0 & 90. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Ast1 = 0. OD 0

N-B= 22 (1)B*H(mm)= 300* 300 Lb= 3.30(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 13. 17. 18. 17. 13. -M= -51. -19. 0. -19. -51.
 (51) (47) (1) (48) (52) (22) (22) (1) (21) (21)
 As= 270. 225. 227. 225. 270. As= 506. 225. 225. 225. 507.
 (0) (0) (1) (0) (0) (22) (0) (0) (0) (21)
 2D18 1D18 1D18 1D18 2D18 2D18 1D18 1D18 1D18 2D18
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.56 0.25 0.25 0.25 0.56
 V(21)= 50. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(73)= 0.0 & 49. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Ast1 = 0. OD 0

N-B= 23 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 18. 65. 78. 66. 19. -M= -134. -23. 0. -22. -133.
 (49) (45) (27) (46) (50) (20) (24) (1) (23) (19)
 As= 337. 399. 653. 404. 337. As= 866. 281. 281. 281. 857.
 (0) (45) (27) (46) (0) (20) (0) (0) (0) (19)
 2D18 2D18 3D18 2D18 2D18 4D18 2D18 2D18 2D18 4D18
 Rs= 0.30 0.35 0.58 0.36 0.30 Rs= 0.77 0.25 0.25 0.25 0.76
 V(20)= 119. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(73)= 0.0 & 90. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Ast1 = 0. OD 0

N-B= 24 (1)B*H(mm)= 300* 300 Lb= 3.30(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 13. 17. 18. 17. 13. -M= -52. -19. 0. -19. -51.
 (51) (47) (1) (48) (52) (22) (22) (1) (21) (21)
 As= 270. 225. 227. 225. 270. As= 507. 225. 225. 225. 504.
 (0) (0) (1) (0) (0) (22) (0) (0) (0) (21)
 2D18 1D18 1D18 1D18 2D18 2D18 1D18 1D18 1D18 2D18
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.56 0.25 0.25 0.25 0.56
 V(22)= 50. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(73)= 0.0 & 49. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Ast1 = 0. OD 0

N-B= 25 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 18. 65. 78. 66. 19. -M= -134. -23. 0. -22. -133.
 (49) (45) (27) (46) (50) (20) (24) (1) (23) (19)
 As= 337. 399. 653. 405. 337. As= 866. 281. 281. 281. 858.
 (0) (45) (27) (46) (0) (20) (0) (0) (0) (19)
 2D18 2D18 3D18 2D18 2D18 4D18 2D18 2D18 2D18 4D18
 Rs= 0.30 0.35 0.58 0.36 0.30 Rs= 0.77 0.25 0.25 0.25 0.76
 V(20)= 119. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(73)= 0.0 & 90. Ast(0)= 0. OD 0 Astv = 0. OD 0

Ast1 = 0. 0D 0

N-B= 26 (1)B*H(mm)= 300* 300 Lb= 3.30(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 12. 17. 18. 18. 13. -M= -52. -19. 0. -18. -51.
 (51) (47) (1) (48) (52) (22) (22) (1) (21) (21)
 As= 270. 225. 227. 225. 270. As= 509. 225. 225. 225. 501.
 (0) (0) (1) (0) (0) (22) (0) (0) (0) (21)
 2D18 1D18 1D18 1D18 2D18 2D18 1D18 1D18 1D18 2D18
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.57 0.25 0.25 0.25 0.56
 V(22)= 50. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(73)= 0.0 & 49. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 27 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 18. 65. 77. 64. 17. -M= -133. -23. 0. -22. -132.
 (49) (45) (27) (46) (50) (20) (24) (1) (23) (19)
 As= 337. 399. 649. 393. 337. As= 860. 281. 281. 281. 853.
 (0) (45) (27) (46) (0) (20) (0) (0) (0) (19)
 2D18 2D18 3D18 2D18 2D18 4D18 2D18 2D18 2D18 4D18
 Rs= 0.30 0.35 0.58 0.35 0.30 Rs= 0.76 0.25 0.25 0.25 0.76
 V(20)= 119. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(54)= 0.0 & 83. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 28 (1)B*H(mm)= 300* 300 Lb= 3.30(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 12. 17. 18. 18. 13. -M= -52. -19. 0. -18. -51.
 (51) (47) (1) (48) (52) (22) (22) (1) (21) (21)
 As= 270. 225. 227. 225. 270. As= 510. 225. 225. 225. 499.
 (0) (0) (1) (0) (0) (22) (0) (0) (0) (21)
 2D18 1D18 1D18 1D18 2D18 3D18 1D18 1D18 1D18 2D18
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.57 0.25 0.25 0.25 0.55
 V(22)= 50. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(21)= 0.0 & 50. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 29 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 20. 66. 82. 86. 42. -M= -143. -24. 0. -26. -136.
 (49) (45) (27) (46) (50) (20) (24) (1) (23) (19)
 As= 337. 403. 692. 532. 337. As= 931. 281. 281. 281. 876.
 (0) (45) (27) (46) (0) (20) (0) (0) (0) (19)
 2D18 2D18 3D18 3D18 2D18 4D18 2D18 2D18 2D18 4D18
 Rs= 0.30 0.36 0.62 0.47 0.30 Rs= 0.83 0.25 0.25 0.25 0.78
 V(20)= 127. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(53)= 0.3 & 100. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 30 (1)B*H(mm)= 300* 300 Lb= 3.30(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 9. 21. 20. 21. 9. -M= -54. -15. 0. -14. -53.
 (51) (47) (1) (48) (52) (22) (26) (1) (25) (21)
 As= 270. 225. 254. 225. 270. As= 533. 225. 225. 225. 522.
 (0) (0) (1) (0) (0) (22) (0) (0) (0) (21)
 2D18 1D18 1D18 1D18 2D18 3D18 1D18 1D18 1D18 3D18
 Rs= 0.30 0.25 0.28 0.25 0.30 Rs= 0.59 0.25 0.25 0.25 0.58
 V(22)= 63. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(73)= 0.0 & 61. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 31 (1)B*H(mm)= 250* 450 Lb= 4.80(m)

	-1-	-1-	-2-	-3-	-J-		-1-	-1-	-2-	-3-	-J-
+M=	17.	93.	129.	120.	0.	-M=	-166.	-20.	0.	0.	-199.
	(49)	(45)	(27)	(46)	(1)		(20)	(24)	(1)	(1)	(19)
As=	337.	581.	1254.	838.	337.	As=	1103.	281.	281.	281.	1498.
	(0)	(45)	(27)	(1)	(0)		(20)	(0)	(0)	(0)	(19)
	2D18	3D18	5D18	4D18	2D18		5D18	2D18	2D18	2D18	6D18
Rs=	0.30	0.52	1.11	0.74	0.30	Rs=	0.98	0.25	0.25	0.25	1.33
V(19)=	218.	Asv(19)=	108.	4D 6	Rsv=	0.43					
T & V(21)=	-0.2 &	184.	Ast(0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

N-B=	32 (1)B*H(mm)=	250* 450	Lb=	4.80(m)							
	-1-	-1-	-2-	-3-	-J-		-1-	-1-	-2-	-3-	-J-
+M=	5.	54.	73.	67.	23.	-M=	-147.	-31.	0.	-22.	-127.
	(49)	(45)	(27)	(46)	(50)		(20)	(24)	(1)	(23)	(19)
As=	337.	387.	608.	408.	337.	As=	958.	281.	281.	281.	817.
	(0)	(1)	(27)	(46)	(0)		(20)	(0)	(0)	(0)	(19)
	2D18	2D18	3D18	2D18	2D18		4D18	2D18	2D18	2D18	4D18
Rs=	0.30	0.34	0.54	0.36	0.30	Rs=	0.85	0.25	0.25	0.25	0.73
V(20)=	124.	Asv(0)=	45.	2D 6	Rsv=	0.18					
T & V(53)=	0.5 &	101.	Ast(0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

N-B=	33 (1)B*H(mm)=	250* 450	Lb=	4.80(m)							
	-1-	-1-	-2-	-3-	-J-		-1-	-1-	-2-	-3-	-J-
+M=	19.	67.	78.	66.	18.	-M=	-133.	-22.	0.	-23.	-134.
	(49)	(45)	(27)	(46)	(50)		(20)	(24)	(1)	(23)	(19)
As=	337.	408.	658.	402.	337.	As=	855.	281.	281.	281.	863.
	(0)	(45)	(27)	(46)	(0)		(20)	(0)	(0)	(0)	(19)
	2D18	2D18	3D18	2D18	2D18		4D18	2D18	2D18	2D18	4D18
Rs=	0.30	0.36	0.58	0.36	0.30	Rs=	0.76	0.25	0.25	0.25	0.77
V(19)=	119.	Asv(0)=	45.	2D 6	Rsv=	0.18					
T & V(53)=	0.0 &	96.	Ast(0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

N-B=	34 (1)B*H(mm)=	250* 450	Lb=	4.80(m)							
	-1-	-1-	-2-	-3-	-J-		-1-	-1-	-2-	-3-	-J-
+M=	18.	65.	78.	66.	19.	-M=	-134.	-23.	0.	-23.	-133.
	(49)	(45)	(27)	(46)	(50)		(20)	(24)	(1)	(23)	(19)
As=	337.	399.	652.	403.	337.	As=	865.	281.	281.	281.	858.
	(0)	(45)	(27)	(46)	(0)		(20)	(0)	(0)	(0)	(19)
	2D18	2D18	3D18	2D18	2D18		4D18	2D18	2D18	2D18	4D18
Rs=	0.30	0.35	0.58	0.36	0.30	Rs=	0.77	0.25	0.25	0.25	0.76
V(20)=	119.	Asv(0)=	45.	2D 6	Rsv=	0.18					
T & V(73)=	0.0 &	89.	Ast(0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

N-B=	35 (1)B*H(mm)=	250* 450	Lb=	4.80(m)							
	-1-	-1-	-2-	-3-	-J-		-1-	-1-	-2-	-3-	-J-
+M=	18.	66.	78.	66.	19.	-M=	-134.	-23.	0.	-23.	-133.
	(49)	(45)	(27)	(46)	(50)		(20)	(24)	(1)	(23)	(19)
As=	337.	400.	653.	404.	337.	As=	864.	281.	281.	281.	859.
	(0)	(45)	(27)	(46)	(0)		(20)	(0)	(0)	(0)	(19)
	2D18	2D18	3D18	2D18	2D18		4D18	2D18	2D18	2D18	4D18
Rs=	0.30	0.36	0.58	0.36	0.30	Rs=	0.77	0.25	0.25	0.25	0.76
V(20)=	119.	Asv(0)=	45.	2D 6	Rsv=	0.18					
T & V(73)=	0.0 &	89.	Ast(0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

N-B=	36 (1)B*H(mm)=	250* 450	Lb=	4.80(m)							
	-1-	-1-	-2-	-3-	-J-		-1-	-1-	-2-	-3-	-J-
+M=	18.	66.	78.	64.	17.	-M=	-133.	-23.	0.	-22.	-133.
	(49)	(45)	(27)	(46)	(50)		(20)	(24)	(1)	(23)	(19)

As= 337. 400. 649. 392. 337. As= 858. 281. 281. 281. 854.
 (0) (45) (27) (46) (0) (20) (0) (0) (0) (19)
 2D18 2D18 3D18 2D18 2D18 4D18 2D18 2D18 2D18 4D18
 Rs= 0.30 0.36 0.58 0.35 0.30 Rs= 0.76 0.25 0.25 0.25 0.76
 V(19)= 119. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(73)= 0.0 & 89. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 37 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 20. 66. 82. 86. 41. -M= -143. -24. 0. -26. -136.
 (49) (45) (27) (46) (50) (20) (24) (1) (23) (19)
 As= 337. 404. 691. 530. 337. As= 929. 281. 281. 281. 879.
 (0) (45) (27) (46) (0) (20) (0) (0) (0) (19)
 2D18 2D18 3D18 3D18 2D18 4D18 2D18 2D18 2D18 4D18
 Rs= 0.30 0.36 0.61 0.47 0.30 Rs= 0.83 0.25 0.25 0.25 0.78
 V(20)= 127. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(53)= -0.3 & 100. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 38 (1)B*H(mm)= 300* 650 Lb= 6.90(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 63. 149. 143. 153. 64. -M= -237. -30. 0. -39. -248.
 (51) (47) (27) (48) (52) (22) (26) (1) (25) (73)
 As= 585. 610. 791. 624. 585. As= 995. 488. 488. 488. 1046.
 (0) (47) (27) (48) (0) (22) (0) (0) (0) (73)
 3D18 3D18 4D18 3D18 3D18 4D18 2D18 2D18 2D18 5D18
 Rs= 0.30 0.31 0.41 0.32 0.30 Rs= 0.51 0.25 0.25 0.25 0.54
 V(73)= 162. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(72)= 0.3 & 120. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 39 (1)B*H(mm)= 300* 650 Lb= 6.90(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 77. 138. 137. 137. 72. -M= -225. -42. 0. -55. -243.
 (51) (47) (27) (48) (52) (22) (26) (1) (25) (73)
 As= 585. 564. 756. 559. 585. As= 938. 488. 488. 488. 1022.
 (0) (47) (27) (48) (0) (22) (0) (0) (0) (73)
 3D18 3D18 3D18 3D18 3D18 4D18 2D18 2D18 2D18 5D18
 Rs= 0.30 0.29 0.39 0.29 0.30 Rs= 0.48 0.25 0.25 0.25 0.52
 V(21)= 142. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(71)= -0.2 & 99. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 40 (1)B*H(mm)= 300* 650 Lb= 6.90(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 30. 173. 231. 224. 14. -M= -283. -13. 0. 0. -316.
 (51) (47) (27) (48) (52) (22) (26) (1) (1) (73)
 As= 585. 714. 1322. 934. 585. As= 1204. 488. 488. 488. 1359.
 (0) (47) (27) (48) (0) (22) (0) (0) (0) (73)
 3D18 3D18 6D18 4D18 3D18 5D18 2D18 2D18 2D18 6D18
 Rs= 0.30 0.37 0.68 0.48 0.30 Rs= 0.62 0.25 0.25 0.25 0.70
 V(21)= 274. Asv(21)= 67. 3D 6 Rsv= 0.22
 T & V(72)= 0.2 & 231. Ast(0)= 0. 0D 0 Astv = 0. 0D 0
 Ast1 = 0. 0D 0

N-B= 41 (1)B*H(mm)= 300* 650 Lb= 6.90(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 30. 164. 222. 261. 0. -M= -281. -20. 0. 0. -336.
 (51) (47) (27) (48) (1) (22) (26) (1) (1) (73)
 As= 585. 673. 1261. 1140. 585. As= 1194. 488. 488. 488. 1452.
 (0) (47) (27) (40) (0) (22) (0) (0) (0) (73)
 3D18 3D18 5D18 5D18 3D18 5D18 2D18 2D18 2D18 6D18

Rs= 0.30 0.34 0.65 0.58 0.30 Rs= 0.61 0.25 0.25 0.25 0.74
 V(21)= 337. Asv(21)= 102. 4D 6 Rsv= 0.34
 T & V(71)= -0.1 & 294. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Astl = 0. OD 0

N-B= 42 (1)B*H(mm)= 300* 650 Lb= 6.90(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 29. 163. 222. 262. 0. -M= -282. -20. 0. 0. -334.
 (51) (47) (27) (48) (1) (22) (26) (1) (1) (73)
 As= 585. 670. 1262. 1145. 585. As= 1197. 488. 488. 488. 1445.
 (0) (47) (27) (40) (0) (22) (0) (0) (0) (73)
 3D18 3D18 5D18 5D18 3D18 5D18 2D18 2D18 2D18 6D18
 Rs= 0.30 0.34 0.65 0.59 0.30 Rs= 0.61 0.25 0.25 0.25 0.74
 V(21)= 337. Asv(21)= 101. 4D 6 Rsv= 0.34
 T & V(71)= -0.1 & 294. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Astl = 0. OD 0

N-B= 43 (1)B*H(mm)= 300* 650 Lb= 6.90(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 28. 162. 222. 262. 0. -M= -282. -20. 0. 0. -333.
 (51) (47) (27) (48) (1) (22) (26) (1) (1) (73)
 As= 585. 666. 1262. 1148. 585. As= 1200. 488. 488. 488. 1439.
 (0) (47) (27) (40) (0) (22) (0) (0) (0) (73)
 3D18 3D18 5D18 5D18 3D18 5D18 2D18 2D18 2D18 6D18
 Rs= 0.30 0.34 0.65 0.59 0.30 Rs= 0.62 0.25 0.25 0.25 0.74
 V(21)= 336. Asv(21)= 101. 4D 6 Rsv= 0.34
 T & V(71)= -0.1 & 294. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Astl = 0. OD 0

N-B= 44 (1)B*H(mm)= 300* 650 Lb= 6.90(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 27. 162. 221. 262. 0. -M= -283. -20. 0. 0. -332.
 (51) (47) (27) (48) (1) (74) (26) (1) (1) (73)
 As= 585. 665. 1260. 1149. 585. As= 1202. 488. 488. 488. 1434.
 (0) (1) (27) (40) (0) (74) (0) (0) (0) (73)
 3D18 3D18 5D18 5D18 3D18 5D18 2D18 2D18 2D18 6D18
 Rs= 0.30 0.34 0.65 0.59 0.30 Rs= 0.62 0.25 0.25 0.25 0.74
 V(21)= 336. Asv(21)= 101. 4D 6 Rsv= 0.34
 T & V(72)= 0.1 & 293. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Astl = 0. OD 0

N-B= 45 (1)B*H(mm)= 300* 650 Lb= 6.90(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 48. 143. 157. 201. 43. -M= -249. -32. 0. 0. -269.
 (51) (47) (27) (48) (52) (74) (26) (1) (1) (21)
 As= 585. 582. 871. 833. 585. As= 1050. 488. 488. 488. 1139.
 (0) (47) (27) (48) (0) (74) (0) (0) (0) (21)
 3D18 3D18 4D18 4D18 3D18 5D18 2D18 2D18 2D18 5D18
 Rs= 0.30 0.30 0.45 0.43 0.30 Rs= 0.54 0.25 0.25 0.25 0.58
 V(21)= 233. Asv(0)= 54. 2D 6 Rsv= 0.18
 T & V(53)= -0.6 & 197. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Astl = 0. OD 0

N-B= 46 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-
 +M= 32. 83. 100. 113. 0. -M= -148. -29. 0. 0. -181.
 (49) (45) (27) (46) (1) (20) (24) (1) (1) (19)
 As= 337. 512. 860. 716. 337. As= 969. 281. 281. 281. 1328.
 (0) (45) (27) (46) (0) (20) (0) (0) (0) (19)
 2D18 3D18 4D18 3D18 2D18 4D18 2D18 2D18 2D18 6D18
 Rs= 0.30 0.45 0.76 0.64 0.30 Rs= 0.86 0.25 0.25 0.25 1.18
 V(19)= 196. Asv(19)= 90. 4D 6 Rsv= 0.36
 T & V(19)= 0.3 & 196. Ast(0)= 0. OD 0 Astv = 0. OD 0

Ast1 = 0. OD 0

N-B= 47 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 16. 51. 54. 63. 33. -M= -134. -33. 0. -24. -114.
 (49) (45) (27) (46) (50) (20) (24) (1) (23) (19)
 As= 337. 307. 445. 387. 337. As= 861. 281. 281. 281. 723.
 (0) (45) (27) (46) (0) (20) (0) (0) (0) (19)
 2D18 2D18 2D18 2D18 2D18 4D18 2D18 2D18 2D18 3D18
 Rs= 0.30 0.27 0.40 0.34 0.30 Rs= 0.77 0.25 0.25 0.25 0.64
 V(20)= 109. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(53)= -0.8 & 82. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Ast1 = 0. OD 0

N-B= 48 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 36. 56. 39. 57. 37. -M= -110. -30. 0. -29. -108.
 (49) (45) (27) (46) (50) (20) (24) (1) (23) (19)
 As= 337. 340. 315. 345. 337. As= 694. 281. 281. 281. 679.
 (0) (45) (27) (46) (0) (20) (0) (0) (0) (19)
 2D18 2D18 2D18 2D18 2D18 3D18 2D18 2D18 2D18 3D18
 Rs= 0.30 0.30 0.28 0.31 0.30 Rs= 0.62 0.25 0.25 0.25 0.60
 V(20)= 90. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(53)= -0.2 & 60. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Ast1 = 0. OD 0

N-B= 49 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 37. 57. 39. 57. 37. -M= -108. -29. 0. -29. -108.
 (49) (45) (27) (46) (50) (20) (24) (1) (23) (19)
 As= 337. 345. 317. 343. 337. As= 681. 281. 281. 281. 684.
 (0) (45) (27) (46) (0) (20) (0) (0) (0) (19)
 2D18 2D18 2D18 2D18 2D18 3D18 2D18 2D18 2D18 3D18
 Rs= 0.30 0.31 0.28 0.31 0.30 Rs= 0.60 0.25 0.25 0.25 0.61
 V(19)= 90. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(73)= 0.0 & 60. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Ast1 = 0. OD 0

N-B= 50 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 37. 57. 39. 57. 37. -M= -108. -29. 0. -29. -108.
 (49) (45) (27) (46) (50) (20) (24) (1) (23) (19)
 As= 337. 345. 316. 344. 337. As= 682. 281. 281. 281. 684.
 (0) (45) (27) (46) (0) (20) (0) (0) (0) (19)
 2D18 2D18 2D18 2D18 2D18 3D18 2D18 2D18 2D18 3D18
 Rs= 0.30 0.31 0.28 0.31 0.30 Rs= 0.61 0.25 0.25 0.25 0.61
 V(19)= 90. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(73)= 0.0 & 60. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Ast1 = 0. OD 0

N-B= 51 (1)B*H(mm)= 250* 450 Lb= 4.80(m)
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-
 +M= 36. 57. 39. 55. 35. -M= -108. -29. 0. -28. -107.
 (49) (45) (27) (46) (50) (20) (24) (1) (23) (19)
 As= 337. 344. 315. 336. 337. As= 678. 281. 281. 281. 676.
 (0) (45) (27) (46) (0) (20) (0) (0) (0) (19)
 2D18 2D18 2D18 2D18 2D18 3D18 2D18 2D18 2D18 3D18
 Rs= 0.30 0.31 0.28 0.30 0.30 Rs= 0.60 0.25 0.25 0.25 0.60
 V(19)= 90. Asv(0)= 45. 2D 6 Rsv= 0.18
 T & V(73)= 0.0 & 60. Ast(0)= 0. OD 0 Astv = 0. OD 0
 Ast1 = 0. OD 0

N-B= 52 (1)B*H(mm)= 250* 450 Lb= 4.80(m)

	-1-	-1-	-2-	-3-	-J-		-1-	-1-	-2-	-3-	-J-
+M=	41.	58.	45.	73.	56.	-M=	-115.	-29.	0.	-36.	-117.
	(49)	(45)	(46)	(46)	(50)		(20)	(24)	(1)	(23)	(71)
As=	337.	352.	338.	446.	338.	As=	730.	281.	281.	281.	743.
	(0)	(45)	(27)	(46)	(50)		(20)	(0)	(0)	(0)	(71)
	2D18	2D18	2D18	2D18	2D18		3D18	2D18	2D18	2D18	3D18
Rs=	0.30	0.31	0.30	0.40	0.30	Rs=	0.65	0.25	0.25	0.25	0.66
V(20)=	96.	Asv(0)=	45.	2D 6	Rsv=	0.18					
T & V(53)=	0.5 &	61.	Ast(0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			
