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 \* Output of Combined Force of Column, Wall and Brace on Each Floor \*  
 \* NZ-2.00T \*  
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 \* Symbols: \*  
 \* C,W,G --- Element number of column, shear wall and brace \*  
 \* ND(TOP,BOT) --- Number of up and down node of column, wall, brace \*  
 \* V-X,Y --- Shear in X,Y direction(kN) \*  
 \* N --- Axial force(kN) \*  
 \* M-X,Y --- Moment in X,Y direction(kN-m) \*  
 \* N(I1-I2) --- Number of branch of shear wall \*  
 \* I1-I2 --- Number of nodes in front and back of wall branch \*  
 \* M,N,V-T --- Moment, axial force and shear of branch \*  
 \* B-I,J --- Number of node on left and right of beam \*  
 \* V,T,M-I,J --- Shear, torsion and moment on left and right of beam \*  
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No. of Floor = 2

C(TYPE)	ND	V-X	V-Y	=N=	M-X	M-Y
1( 1)	1 TOP	-15.87	-35.30	-167.70	-87.50	32.61
	4 BOT	15.87	35.30	-167.70	-49.00	19.76
1( 2)	1 TOP	-13.85	-31.62	-142.59	-58.87	27.94
	4 BOT	13.85	31.62	-142.59	-45.47	17.76
1( 3)	1 TOP	-6.80	-21.94	-147.85	-51.37	18.97
	4 BOT	6.80	21.94	-147.85	-21.04	3.46
1( 4)	1 TOP	-17.49	-22.30	-153.45	-52.24	37.17
	4 BOT	17.49	22.30	-153.45	-21.35	20.55
1( 5)	1 TOP	-12.89	-20.00	-148.50	-43.85	29.31
	4 BOT	12.89	20.00	-148.50	-22.15	13.21
1( 6)	1 TOP	-11.40	-24.24	-152.80	-59.76	26.82
	4 BOT	11.40	24.24	-152.80	-20.24	10.80
1( 7)	1 TOP	-4.77	-18.25	-122.74	-42.73	14.29
	4 BOT	4.77	18.25	-122.74	-17.50	1.46
1( 8)	1 TOP	-15.46	-18.61	-128.34	-43.61	32.49
	4 BOT	15.46	18.61	-128.34	-17.82	18.55
1( 9)	1 TOP	-10.86	-16.31	-123.39	-35.22	24.64
	4 BOT	10.86	16.31	-123.39	-18.62	11.21
1(10)	1 TOP	-9.38	-20.55	-127.69	-51.13	22.15
	4 BOT	9.38	20.55	-127.69	-16.71	8.80
1(11)	1 TOP	-10.77	-33.17	-162.77	-64.77	24.20
	4 BOT	10.77	33.17	-162.77	-44.69	11.34
1(12)	1 TOP	-19.86	-33.48	-167.52	-65.52	39.66
	4 BOT	19.86	33.48	-167.52	-44.96	25.86
1(13)	1 TOP	-15.94	-31.52	-163.32	-58.39	32.99
	4 BOT	15.94	31.52	-163.32	-45.64	19.62
1(14)	1 TOP	-14.68	-35.13	-166.97	-71.91	30.87
	4 BOT	14.68	35.13	-166.97	-44.02	17.57
1(15)	1 TOP	-8.74	-29.49	-137.66	-56.14	19.52
	4 BOT	8.74	29.49	-137.66	-41.16	9.34
1(16)	1 TOP	-17.83	-29.79	-142.41	-56.89	34.99
	4 BOT	17.83	29.79	-142.41	-41.43	23.86
1(17)	1 TOP	-13.92	-27.84	-138.21	-49.75	28.31
	4 BOT	13.92	27.84	-138.21	-42.11	17.62
1(18)	1 TOP	-12.66	-31.44	-141.86	-63.27	26.19
	4 BOT	12.66	31.44	-141.86	-40.48	15.57
1(19)	1 TOP	21.67	-27.99	-140.68	-59.67	-29.49
	4 BOT	-21.67	27.99	-140.68	-32.68	-42.01
1(20)	1 TOP	-49.15	-27.56	-175.23	-57.39	89.52
	4 BOT	49.15	27.56	-175.23	-33.55	72.67
1(21)	1 TOP	-14.53	-11.93	-143.69	-11.87	31.25
	4 BOT	14.53	11.93	-143.69	-26.37	16.70

1(22)	1	TOP	-12.95	-43.61	-172.22	-106.19	28.78
	4	BOT	12.95	43.61	-172.22	-39.85	13.96
1(23)	1	TOP	23.96	-23.36	-114.36	-49.92	-34.49
	4	BOT	-23.96	23.36	-114.36	-27.16	-44.57
1(24)	1	TOP	-46.86	-22.93	-148.91	-47.64	84.52
	4	BOT	46.86	22.93	-148.91	-28.03	70.11
1(25)	1	TOP	-12.24	-7.30	-117.37	-2.12	26.25
	4	BOT	12.24	7.30	-117.37	-20.85	14.15
1(26)	1	TOP	-10.66	-38.98	-145.90	-95.44	23.78
	4	BOT	10.66	38.98	-145.90	-34.33	11.40

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2( 1)	2	TOP	17.83	-34.34	-172.20	-71.14	-35.24
	5	BOT	-17.83	34.34	-172.20	-42.17	-23.60
2( 2)	2	TOP	15.93	-30.46	-146.61	-61.79	-30.58
	5	BOT	-15.93	30.46	-146.61	-38.72	-21.98
2( 3)	2	TOP	14.54	-23.15	-156.04	-55.65	-35.41
	5	BOT	-14.54	23.15	-156.04	-20.73	-12.59
2( 4)	2	TOP	8.29	-23.40	-151.03	-58.58	-20.58
	5	BOT	-8.29	23.40	-151.03	-20.63	-8.77
2( 5)	2	TOP	10.75	-21.39	-150.84	-48.78	-26.76
	5	BOT	-10.75	21.39	-150.84	-21.81	-8.73
2( 6)	2	TOP	12.08	-25.15	-158.23	-83.45	-29.23
	5	BOT	-12.08	25.15	-158.23	-19.64	-10.63
2( 7)	2	TOP	12.64	-19.27	-130.45	-46.30	-30.74
	5	BOT	-12.64	19.27	-130.45	-17.28	-10.97
2( 8)	2	TOP	6.38	-19.52	-125.44	-47.23	-15.91
	5	BOT	-6.38	19.52	-125.44	-17.18	-5.16
2( 9)	2	TOP	8.85	-17.51	-125.25	-39.43	-22.09
	5	BOT	-8.85	17.51	-125.25	-18.37	-7.12
2(10)	2	TOP	10.17	-21.27	-130.64	-54.09	-24.56
	5	BOT	-10.17	21.27	-130.64	-16.10	-9.01
2(11)	2	TOP	19.53	-32.57	-171.53	-68.49	-40.46
	5	BOT	-19.53	32.57	-171.53	-38.99	-23.98
2(12)	2	TOP	14.21	-32.78	-167.27	-69.28	-27.85
	5	BOT	-14.21	32.78	-167.27	-38.90	-19.04
2(13)	2	TOP	18.31	-31.08	-167.11	-62.66	-33.10
	5	BOT	-18.31	31.08	-167.11	-39.91	-20.70
2(14)	2	TOP	17.43	-34.27	-171.69	-75.12	-35.20
	5	BOT	-17.43	34.27	-171.69	-37.98	-22.31
2(15)	2	TOP	17.62	-28.69	-145.94	-59.14	-35.79
	5	BOT	-17.62	28.69	-145.94	-35.54	-22.37
2(16)	2	TOP	12.31	-28.90	-141.68	-59.93	-23.19
	5	BOT	-12.31	28.90	-141.68	-35.46	-17.42
2(17)	2	TOP	14.40	-27.20	-141.52	-53.30	-28.44
	5	BOT	-14.40	27.20	-141.52	-36.46	-19.09
2(18)	2	TOP	15.53	-30.39	-146.10	-65.77	-30.54
	5	BOT	-15.53	30.39	-146.10	-34.54	-20.70
2(19)	2	TOP	37.04	-29.55	-180.26	-86.27	-81.08
	5	BOT	-37.04	29.55	-180.26	-31.26	-41.23
2(20)	2	TOP	-8.71	-26.47	-142.80	-58.84	18.88
	5	BOT	8.71	26.47	-142.80	-28.52	9.95
2(21)	2	TOP	12.57	-13.02	-146.85	-16.93	-28.94
	5	BOT	-12.57	13.02	-146.85	-35.36	-12.54
2(22)	2	TOP	15.76	-43.01	-176.22	-108.19	-33.25
	5	BOT	-15.76	43.01	-176.22	-24.41	-18.74
2(23)	2	TOP	34.68	-24.88	-153.34	-55.84	-75.90
	5	BOT	-34.68	24.88	-153.34	-26.28	-38.62
2(24)	2	TOP	-11.08	-21.81	-115.88	-48.42	24.07
	5	BOT	11.08	21.81	-115.88	-23.53	12.55
2(25)	2	TOP	10.21	-8.35	-119.93	-6.50	-23.76
	5	BOT	-10.21	8.35	-119.93	-30.38	-9.94
2(26)	2	TOP	13.40	-38.34	-149.29	-97.78	-28.07
	5	BOT	-13.40	38.34	-149.29	-19.43	-16.14

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3( 1)	3	TOP	-19.52	-37.98	-175.67	-87.81	45.31
	6	BOT	19.52	37.98	-175.67	-37.54	19.10

3( 2)	3	TOP	-16.93	-33.05	-149.66	-75.69	38.94
	6	BOT	16.93	33.05	-149.66	-33.38	16.92
3( 3)	3	TOP	-15.04	-29.63	-154.99	-73.15	34.21
	6	BOT	15.04	29.63	-154.99	-24.62	15.42
3( 4)	3	TOP	-16.05	-29.55	-157.20	-72.28	42.22
	6	BOT	16.05	29.55	-157.20	-25.25	10.76
3( 5)	3	TOP	-15.52	-27.18	-153.41	-62.76	38.34
	6	BOT	15.52	27.18	-153.41	-28.94	12.89
3( 6)	3	TOP	-15.57	-32.00	-158.79	-82.67	38.09
	6	BOT	15.57	32.00	-158.79	-22.92	13.29
3( 7)	3	TOP	-12.45	-24.70	-128.98	-61.03	27.84
	6	BOT	12.45	24.70	-128.98	-20.46	13.24
3( 8)	3	TOP	-13.46	-24.62	-131.18	-60.16	35.85
	6	BOT	13.46	24.62	-131.18	-21.09	8.58
3( 9)	3	TOP	-12.93	-22.25	-127.39	-50.64	31.97
	6	BOT	12.93	22.25	-127.39	-22.79	10.71
3(10)	3	TOP	-12.98	-27.07	-132.77	-70.55	31.72
	6	BOT	12.98	27.07	-132.77	-18.77	11.11
3(11)	3	TOP	-18.49	-36.76	-171.80	-85.92	40.84
	6	BOT	18.49	36.76	-171.80	-35.38	20.18
3(12)	3	TOP	-19.35	-36.69	-173.67	-85.17	47.65
	6	BOT	19.35	36.69	-173.67	-35.92	16.22
3(13)	3	TOP	-18.90	-34.68	-170.45	-77.08	44.35
	6	BOT	18.90	34.68	-170.45	-37.35	18.03
3(14)	3	TOP	-18.94	-38.77	-175.02	-94.01	44.14
	6	BOT	18.94	38.77	-175.02	-33.94	18.37
3(15)	3	TOP	-15.90	-31.82	-145.78	-73.80	34.47
	6	BOT	15.90	31.82	-145.78	-31.22	18.00
3(16)	3	TOP	-16.76	-31.76	-147.66	-73.05	41.28
	6	BOT	16.76	31.76	-147.66	-31.76	14.04
3(17)	3	TOP	-16.31	-29.74	-144.43	-64.96	37.98
	6	BOT	16.31	29.74	-144.43	-33.20	15.85
3(18)	3	TOP	-16.35	-33.84	-149.01	-81.89	37.77
	6	BOT	16.35	33.84	-149.01	-29.78	16.19
3(19)	3	TOP	-9.55	-30.92	-154.16	-74.29	11.22
	6	BOT	9.55	30.92	-154.16	-27.73	22.22
3(20)	3	TOP	-24.94	-35.45	-174.81	-84.07	71.29
	6	BOT	24.94	35.45	-174.81	-32.93	9.11
3(21)	3	TOP	-17.07	-17.20	-151.71	-32.00	40.95
	6	BOT	17.07	17.20	-151.71	-23.73	15.39
3(22)	3	TOP	-17.42	-49.18	-177.26	-126.37	41.55
	6	BOT	17.42	49.18	-177.26	-36.94	15.94
3(23)	3	TOP	-6.68	-25.39	-126.75	-61.10	4.35
	6	BOT	6.68	25.39	-126.75	-22.68	19.61
3(24)	3	TOP	-22.07	-29.92	-147.40	-70.87	64.41
	6	BOT	22.07	29.92	-147.40	-27.88	6.50
3(25)	3	TOP	-14.20	-11.67	-124.30	-18.80	34.08
	6	BOT	14.20	11.67	-124.30	-18.68	12.77
3(26)	3	TOP	-14.55	-43.64	-149.85	-113.17	34.68
	6	BOT	14.55	43.64	-149.85	-31.88	13.33

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4( 1)	4	TOP	0.28	-64.92	-307.60	-147.05	-2.85
	7	BOT	-0.28	64.92	-307.60	-67.19	1.94
4( 2)	4	TOP	0.08	-57.08	-263.38	-127.74	-2.23
	7	BOT	-0.08	57.08	-263.38	-60.63	1.95
4( 3)	4	TOP	4.64	-47.28	-265.50	-116.37	-11.17
	7	BOT	-4.64	47.28	-265.50	-39.63	-4.13
4( 4)	4	TOP	-2.34	-46.82	-265.11	-115.37	3.71
	7	BOT	2.34	46.82	-265.11	-39.13	4.00
4( 5)	4	TOP	0.82	-44.78	-262.76	-106.50	-3.09
	7	BOT	-0.82	44.78	-262.76	-41.29	0.39
4( 6)	4	TOP	1.49	-49.31	-267.85	-125.25	-4.38
	7	BOT	-1.49	49.31	-267.85	-37.47	-0.52
4( 7)	4	TOP	4.45	-39.43	-221.28	-97.06	-10.55
	7	BOT	-4.45	39.43	-221.28	-33.07	-4.12
4( 8)	4	TOP	-2.53	-38.98	-220.89	-96.06	4.33

	7	BOT	2.53	38.98	-220.89	-32.56	4.01
4(9)	4	TOP	0.63	-36.94	-218.54	-87.19	-2.47
	7	BOT	-0.63	36.94	-218.54	-34.72	0.40
4(10)	4	TOP	1.29	-41.47	-223.63	-105.93	-3.76
	7	BOT	-1.29	41.47	-223.63	-30.91	-0.51
4(11)	4	TOP	3.37	-62.44	-301.42	-142.80	-9.31
	7	BOT	-3.37	62.44	-301.42	-63.24	-1.82
4(12)	4	TOP	-2.56	-62.05	-301.09	-141.95	3.34
	7	BOT	2.56	62.05	-301.09	-62.80	5.10
4(13)	4	TOP	0.12	-60.32	-299.09	-134.41	-2.43
	7	BOT	-0.12	60.32	-299.09	-64.64	2.03
4(14)	4	TOP	0.69	-64.16	-303.42	-150.34	-3.53
	7	BOT	-0.69	64.16	-303.42	-61.40	1.25
4(15)	4	TOP	3.18	-54.59	-257.20	-123.49	-8.68
	7	BOT	-3.18	54.59	-257.20	-56.67	-1.81
4(16)	4	TOP	-2.75	-54.21	-256.87	-122.64	3.97
	7	BOT	2.75	54.21	-256.87	-56.24	5.11
4(17)	4	TOP	-0.07	-52.48	-254.87	-115.10	-1.81
	7	BOT	0.07	52.48	-254.87	-58.08	2.04
4(18)	4	TOP	0.50	-56.32	-259.20	-131.03	-2.91
	7	BOT	-0.50	56.32	-259.20	-54.83	1.26
4(19)	4	TOP	26.99	-54.48	-283.85	-127.40	-56.10
	7	BOT	-26.99	54.48	-283.85	-52.38	-33.01
4(20)	4	TOP	-25.44	-54.94	-283.01	-131.08	49.39
	7	BOT	25.44	54.94	-283.01	-50.22	34.80
4(21)	4	TOP	0.06	-39.25	-271.03	-82.98	-2.12
	7	BOT	-0.06	39.25	-271.03	-45.31	1.92
4(22)	4	TOP	1.49	-70.17	-295.83	-175.49	-4.59
	7	BOT	-1.49	70.17	-295.83	-57.29	-0.33
4(23)	4	TOP	26.87	-45.36	-236.61	-105.86	-55.54
	7	BOT	-26.87	45.36	-236.61	-43.83	-33.14
4(24)	4	TOP	-25.57	-45.82	-235.77	-109.54	49.95
	7	BOT	25.57	45.82	-235.77	-41.67	34.47
4(25)	4	TOP	-0.07	-30.13	-223.79	-61.44	-1.56
	7	BOT	0.07	30.13	-223.79	-36.76	1.79
4(26)	4	TOP	1.36	-61.05	-248.59	-153.95	-4.03
	7	BOT	-1.36	61.05	-248.59	-48.74	-0.46

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5(1)	5	TOP	3.68	-58.35	-266.70	-130.00	-8.11
	8	BOT	-3.68	58.35	-266.70	-82.54	-4.03
5(2)	5	TOP	3.15	-51.01	-228.24	-112.69	-6.89
	8	BOT	-3.15	51.01	-228.24	-55.65	-3.50
5(3)	5	TOP	6.68	-44.17	-230.37	-104.13	-14.89
	8	BOT	-6.68	44.17	-230.37	-41.62	-7.15
5(4)	5	TOP	-0.31	-43.86	-231.11	-103.61	0.28
	8	BOT	0.31	43.86	-231.11	-41.12	0.75
5(5)	5	TOP	2.78	-37.55	-227.62	-91.87	-6.61
	8	BOT	-2.78	37.55	-227.62	-32.05	-2.56
5(6)	5	TOP	3.59	-50.48	-233.86	-115.88	-8.00
	8	BOT	-3.59	50.48	-233.86	-50.70	-3.84
5(7)	5	TOP	6.15	-36.83	-191.91	-86.82	-13.67
	8	BOT	-6.15	36.83	-191.91	-34.73	-6.62
5(8)	5	TOP	-0.84	-36.52	-192.66	-86.30	1.50
	8	BOT	0.84	36.52	-192.66	-34.23	1.29
5(9)	5	TOP	2.25	-30.21	-189.16	-74.56	-5.39
	8	BOT	-2.25	30.21	-189.16	-25.15	-2.03
5(10)	5	TOP	3.06	-43.14	-195.41	-98.56	-6.78
	8	BOT	-3.06	43.14	-195.41	-43.80	-3.31
5(11)	5	TOP	6.57	-56.33	-260.99	-126.30	-14.43
	8	BOT	-6.57	56.33	-260.99	-59.58	-7.26
5(12)	5	TOP	0.63	-56.07	-261.62	-125.86	-1.54
	8	BOT	-0.63	56.07	-261.62	-59.15	-0.54
5(13)	5	TOP	3.26	-50.70	-258.65	-115.88	-7.40
	8	BOT	-3.26	50.70	-258.65	-51.44	-3.36
5(14)	5	TOP	3.95	-61.69	-263.96	-136.29	-8.57
	8	BOT	-3.95	61.69	-263.96	-87.29	-4.45

5(15)	5	TOP	6.04	-48.99	-222.53	-108.99	-13.21
	8	BOT	-6.04	48.99	-222.53	-52.68	-6.73
5(16)	5	TOP	0.10	-48.73	-223.17	-108.55	-0.32
	8	BOT	-0.10	48.73	-223.17	-52.26	-0.01
5(17)	5	TOP	2.73	-43.37	-220.19	-98.57	-6.18
	8	BOT	-2.73	43.37	-220.19	-44.54	-2.83
5(18)	5	TOP	3.42	-54.36	-225.51	-118.97	-7.36
	8	BOT	-3.42	54.36	-225.51	-60.40	-3.91
5(19)	5	TOP	29.70	-49.20	-242.49	-113.31	-61.20
	8	BOT	-29.70	49.20	-242.49	-49.05	-36.83
5(20)	5	TOP	-22.91	-51.11	-249.82	-118.83	45.90
	8	BOT	22.91	51.11	-249.82	-51.84	29.72
5(21)	5	TOP	2.35	-17.19	-230.88	-56.40	-6.21
	8	BOT	-2.35	17.19	-230.88	-0.30	-1.56
5(22)	5	TOP	4.43	-83.13	-261.42	-173.74	-9.09
	8	BOT	-4.43	83.13	-261.42	-100.59	-5.55
5(23)	5	TOP	29.13	-40.84	-201.46	-94.13	-59.92
	8	BOT	-29.13	40.84	-201.46	-40.65	-36.24
5(24)	5	TOP	-23.47	-42.75	-208.79	-97.66	47.18
	8	BOT	23.47	42.75	-208.79	-43.43	30.32
5(25)	5	TOP	1.79	-8.83	-189.86	-37.22	-4.93
	8	BOT	-1.79	8.83	-189.86	8.11	-0.97
5(26)	5	TOP	3.87	-74.77	-220.40	-154.56	-7.81
	8	BOT	-3.87	74.77	-220.40	-92.18	-4.96

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6( 1)	6	TOP	-0.30	-49.11	-235.72	-114.30	0.47
	9	BOT	0.30	49.11	-235.72	-47.77	0.53
6( 2)	6	TOP	-0.29	-42.49	-201.57	-98.71	0.44
	9	BOT	0.29	42.49	-201.57	-41.51	0.50
6( 3)	6	TOP	3.85	-39.74	-204.87	-93.59	-7.89
	9	BOT	-3.85	39.74	-204.87	-37.56	-4.80
6( 4)	6	TOP	-4.03	-39.70	-204.86	-93.49	8.21
	9	BOT	4.03	39.70	-204.86	-37.53	5.09
6( 5)	6	TOP	-0.37	-33.56	-201.98	-82.15	0.69
	9	BOT	0.37	33.56	-201.98	-28.61	0.55
6( 6)	6	TOP	0.19	-45.89	-207.76	-104.93	-0.36
	9	BOT	-0.19	45.89	-207.76	-46.49	-0.26
6( 7)	6	TOP	3.86	-33.12	-170.72	-78.00	-7.92
	9	BOT	-3.86	33.12	-170.72	-31.31	-4.82
6( 8)	6	TOP	-4.01	-33.08	-170.72	-77.90	8.19
	9	BOT	4.01	33.08	-170.72	-31.27	5.06
6( 9)	6	TOP	-0.36	-26.94	-167.83	-66.56	0.86
	9	BOT	0.36	26.94	-167.83	-22.35	0.52
6(10)	6	TOP	0.20	-39.26	-173.61	-89.34	-0.39
	9	BOT	-0.20	39.26	-173.61	-40.23	-0.28
6(11)	6	TOP	3.08	-47.72	-231.09	-111.23	-6.42
	9	BOT	-3.08	47.72	-231.09	-46.25	-3.73
6(12)	6	TOP	-3.62	-47.69	-231.09	-111.14	7.26
	9	BOT	3.62	47.69	-231.09	-46.22	4.67
6(13)	6	TOP	-0.51	-42.47	-228.63	-101.51	0.87
	9	BOT	0.51	42.47	-228.63	-38.64	0.81
6(14)	6	TOP	-0.03	-52.94	-233.55	-120.87	-0.03
	9	BOT	0.03	52.94	-233.55	-53.84	0.13
6(15)	6	TOP	3.09	-41.10	-196.95	-95.64	-6.45
	9	BOT	-3.09	41.10	-196.95	-39.99	-3.76
6(16)	6	TOP	-3.60	-41.07	-196.95	-95.55	7.24
	9	BOT	3.60	41.07	-196.95	-39.97	4.65
6(17)	6	TOP	-0.49	-35.85	-194.49	-85.92	0.84
	9	BOT	0.49	35.85	-194.49	-32.38	0.79
6(18)	6	TOP	-0.02	-46.32	-199.40	-105.28	-0.05
	9	BOT	0.02	46.32	-199.40	-47.58	0.10
6(19)	6	TOP	28.87	-43.40	-217.90	-101.95	-56.37
	9	BOT	-28.87	43.40	-217.90	-41.26	-38.93
6(20)	6	TOP	-29.24	-44.10	-218.27	-102.93	56.96
	9	BOT	29.24	44.10	-218.27	-42.60	39.54
6(21)	6	TOP	-0.62	-11.14	-203.38	-44.52	0.96

	9	BOT	0.62	11.14	-203.38	7.78	1.09
6(22)	6	TOP	0.26	-76.36	-232.80	-160.35	-0.37
	9	BOT	-0.26	76.36	-232.80	-91.64	-0.48
6(23)	6	TOP	28.90	-36.10	-181.56	-84.87	-58.42
	9	BOT	-28.90	36.10	-181.56	-34.27	-38.98
6(24)	6	TOP	-29.21	-36.81	-181.92	-85.86	56.91
	9	BOT	29.21	36.81	-181.92	-35.61	39.49
6(25)	6	TOP	-0.59	-3.85	-167.03	-27.45	0.91
	9	BOT	0.59	3.85	-167.03	14.77	1.04
6(26)	6	TOP	0.29	-69.07	-196.45	-143.28	-0.42
	9	BOT	-0.29	69.07	-196.45	-84.65	-0.53

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7( 1)	7	TOP	-5.21	-54.14	-267.88	-126.07	10.98
	10	BOT	5.21	54.14	-267.88	-52.60	6.20
7( 2)	7	TOP	-4.54	-46.84	-229.32	-108.93	9.57
	10	BOT	4.54	46.84	-229.32	-45.66	5.43
7( 3)	7	TOP	-0.41	-43.77	-231.81	-102.76	0.83
	10	BOT	0.41	43.77	-231.81	-41.69	0.52
7( 4)	7	TOP	-7.53	-43.82	-230.96	-102.93	16.12
	10	BOT	7.53	43.82	-230.96	-41.69	8.74
7( 5)	7	TOP	-4.26	-37.94	-228.59	-91.94	9.02
	10	BOT	4.26	37.94	-228.59	-33.25	5.05
7( 6)	7	TOP	-3.68	-49.86	-234.18	-113.74	7.94
	10	BOT	3.68	49.86	-234.18	-50.13	4.21
7( 7)	7	TOP	0.25	-36.47	-193.24	-85.62	-0.58
	10	BOT	-0.25	36.47	-193.24	-34.75	-0.25
7( 8)	7	TOP	-6.87	-36.52	-192.40	-85.79	14.71
	10	BOT	6.87	36.52	-192.40	-34.74	7.97
7( 9)	7	TOP	-3.60	-30.64	-190.03	-74.80	7.60
	10	BOT	3.60	30.64	-190.03	-26.30	4.28
7(10)	7	TOP	-3.02	-42.36	-195.61	-96.60	6.53
	10	BOT	3.02	42.36	-195.61	-43.19	3.44
7(11)	7	TOP	-1.99	-52.57	-262.77	-122.51	4.11
	10	BOT	1.99	52.57	-262.77	-50.97	2.47
7(12)	7	TOP	-8.05	-52.61	-262.05	-122.66	17.10
	10	BOT	8.05	52.61	-262.05	-50.96	9.46
7(13)	7	TOP	-5.27	-47.61	-260.04	-113.32	11.06
	10	BOT	5.27	47.61	-260.04	-43.79	6.33
7(14)	7	TOP	-4.77	-57.57	-264.78	-131.85	10.15
	10	BOT	4.77	57.57	-264.78	-58.14	5.61
7(15)	7	TOP	-1.33	-45.27	-224.20	-105.37	2.69
	10	BOT	1.33	45.27	-224.20	-44.02	1.70
7(16)	7	TOP	-7.39	-45.31	-223.49	-105.52	15.69
	10	BOT	7.39	45.31	-223.49	-44.01	8.69
7(17)	7	TOP	-4.61	-40.31	-221.47	-96.18	9.65
	10	BOT	4.61	40.31	-221.47	-36.84	5.55
7(18)	7	TOP	-4.11	-50.27	-226.22	-114.71	8.73
	10	BOT	4.11	50.27	-226.22	-51.19	4.84
7(19)	7	TOP	22.20	-49.02	-250.52	-114.00	-44.40
	10	BOT	-22.20	49.02	-250.52	-47.76	-28.90
7(20)	7	TOP	-31.20	-47.44	-243.53	-111.59	63.50
	10	BOT	31.20	47.44	-243.53	-44.98	39.51
7(21)	7	TOP	-5.08	-15.93	-232.38	-55.03	10.38
	10	BOT	5.08	15.93	-232.38	2.47	6.37
7(22)	7	TOP	-3.93	-80.53	-261.67	-170.56	8.72
	10	BOT	3.93	80.53	-261.67	-95.21	4.23
7(23)	7	TOP	22.95	-40.98	-209.35	-95.20	-45.99
	10	BOT	-22.95	40.98	-209.35	-40.03	-29.78
7(24)	7	TOP	-30.45	-39.41	-202.36	-92.79	61.90
	10	BOT	30.45	39.41	-202.36	-37.25	38.62
7(25)	7	TOP	-4.33	-7.89	-191.21	-36.23	8.78
	10	BOT	4.33	7.89	-191.21	10.20	5.49
7(26)	7	TOP	-3.18	-72.49	-220.50	-151.76	7.13
	10	BOT	3.18	72.49	-220.50	-87.48	3.35

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8( 1)	8	TOP	-8.30	-23.69	-459.12	-49.49	13.70
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	11	BOT	9.30	23.69	-459.12	-28.70	16.98
8( 2)	8	TOP	-8.90	-21.00	-393.07	-43.58	12.67
	11	BOT	8.90	21.00	-393.07	-25.71	16.69
8( 3)	8	TOP	1.08	-15.88	-396.19	-34.89	-1.26
	11	BOT	-1.08	15.88	-396.19	-17.51	-2.31
8( 4)	8	TOP	-5.90	-16.48	-396.41	-35.95	13.60
	11	BOT	5.90	16.48	-396.41	-18.45	5.88
8( 5)	8	TOP	-2.70	-9.32	-396.93	-21.75	6.69
	11	BOT	2.70	9.32	-396.93	-9.00	2.21
8( 6)	8	TOP	-2.12	-23.05	-395.68	-49.09	5.64
	11	BOT	2.12	23.05	-395.68	-26.96	1.36
8( 7)	8	TOP	1.48	-13.18	-330.14	-28.99	-2.29
	11	BOT	-1.48	13.18	-330.14	-14.51	-2.61
8( 8)	8	TOP	-5.50	-13.79	-330.36	-30.04	12.57
	11	BOT	5.50	13.79	-330.36	-15.46	5.59
8( 9)	8	TOP	-2.30	-6.62	-330.88	-15.85	5.67
	11	BOT	2.30	6.62	-330.88	-6.00	1.91
8(10)	8	TOP	-1.72	-20.35	-329.63	-43.18	4.62
	11	BOT	1.72	20.35	-329.63	-23.97	1.06
8(11)	8	TOP	-5.30	-22.31	-449.60	-46.93	6.25
	11	BOT	5.30	22.31	-449.60	-26.69	11.22
8(12)	8	TOP	-11.23	-22.82	-449.79	-47.83	18.88
	11	BOT	11.23	22.82	-449.79	-27.49	18.19
8(13)	8	TOP	-8.51	-16.73	-450.23	-35.76	13.01
	11	BOT	8.51	16.73	-450.23	-19.46	15.07
8(14)	8	TOP	-8.02	-28.40	-449.16	-58.99	12.12
	11	BOT	8.02	28.40	-449.16	-34.73	14.34
8(15)	8	TOP	-4.89	-19.61	-383.55	-41.03	5.23
	11	BOT	4.89	19.61	-383.55	-23.70	10.92
8(16)	8	TOP	-10.83	-20.13	-383.74	-41.92	17.85
	11	BOT	10.83	20.13	-383.74	-24.50	17.89
8(17)	8	TOP	-8.11	-14.04	-384.18	-29.86	11.98
	11	BOT	8.11	14.04	-384.18	-16.46	14.77
8(18)	8	TOP	-7.62	-25.70	-383.11	-53.09	11.09
	11	BOT	7.62	25.70	-383.11	-31.73	14.05
8(19)	8	TOP	20.95	-20.91	-421.62	-44.66	-43.37
	11	BOT	-20.95	20.91	-421.62	-24.35	-25.78
8(20)	8	TOP	-31.67	-17.89	-424.82	-38.23	62.16
	11	BOT	31.67	17.89	-424.82	-20.80	42.38
8(21)	8	TOP	-5.95	20.74	-427.25	35.78	10.24
	11	BOT	5.95	-20.74	-427.25	32.69	9.41
8(22)	8	TOP	-4.77	-59.55	-419.20	-118.67	8.55
	11	BOT	4.77	59.55	-419.20	-77.85	7.19
8(23)	8	TOP	21.84	-17.68	-351.09	-37.75	-44.94
	11	BOT	-21.84	17.68	-351.09	-20.59	-27.16
8(24)	8	TOP	-30.78	-14.66	-354.29	-31.33	60.59
	11	BOT	30.78	14.66	-354.29	-17.04	41.00
8(25)	8	TOP	-5.06	23.98	-356.71	42.68	8.67
	11	BOT	5.06	-23.98	-356.71	36.46	8.03
8(26)	8	TOP	-3.88	-56.31	-348.66	-111.77	6.98
	11	BOT	3.88	56.31	-348.66	-74.08	5.80

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9( 1)	9	TOP	29.27	-5.49	-317.60	-7.72	-57.15
	12	BOT	-29.27	5.49	-317.60	-10.41	-39.44
9( 2)	9	TOP	26.43	-5.00	-271.40	-7.07	-50.13
	12	BOT	-26.43	5.00	-271.40	-9.43	-37.09
9( 3)	9	TOP	17.60	-2.53	-278.64	-3.03	-46.19
	12	BOT	-17.60	2.53	-278.64	-5.32	-11.89
9( 4)	9	TOP	16.46	-3.38	-275.83	-4.78	-38.04
	12	BOT	-16.46	3.38	-275.83	-6.38	-16.29
9( 5)	9	TOP	16.95	3.38	-277.67	8.80	-41.85
	12	BOT	-16.95	-3.38	-277.67	2.37	-14.10
9( 6)	9	TOP	17.11	-9.30	-276.80	-16.61	-42.38
	12	BOT	-17.11	9.30	-276.80	-14.07	-14.08
9( 7)	9	TOP	14.76	-2.04	-232.44	-2.38	-39.17
	12	BOT	-14.76	2.04	-232.44	-4.35	-9.54

9( 8)	9	TOP	13.63	-2.89	-229.62	-4.13	-31.02
	12	BOT	-13.63	2.89	-229.62	-5.41	-13.94
9( 9)	9	TOP	14.11	3.88	-231.46	9.45	-34.83
	12	BOT	-14.11	-3.88	-231.46	3.34	-11.75
9(10)	9	TOP	14.27	-8.80	-230.60	-15.96	-35.36
	12	BOT	-14.27	8.80	-230.60	-13.10	-11.73
9(11)	9	TOP	27.91	-4.75	-312.74	-6.40	-58.35
	12	BOT	-27.91	4.75	-312.74	-9.27	-33.76
9(12)	9	TOP	26.95	-5.48	-310.35	-7.90	-51.43
	12	BOT	-26.95	5.48	-310.35	-10.18	-37.50
9(13)	9	TOP	27.36	0.28	-311.92	3.65	-54.66
	12	BOT	-27.36	-0.28	-311.92	-2.74	-35.64
9(14)	9	TOP	27.50	-10.50	-311.18	-17.95	-55.12
	12	BOT	-27.50	10.50	-311.18	-16.71	-35.63
9(15)	9	TOP	25.08	-4.26	-266.54	-5.75	-51.33
	12	BOT	-25.08	4.26	-266.54	-8.30	-31.42
9(16)	9	TOP	24.11	-4.98	-264.15	-7.25	-44.41
	12	BOT	-24.11	4.98	-264.15	-9.20	-35.15
9(17)	9	TOP	24.53	0.77	-265.71	4.30	-47.64
	12	BOT	-24.53	-0.77	-265.71	-1.76	-33.29
9(18)	9	TOP	24.66	-10.01	-264.97	-17.30	-48.10
	12	BOT	-24.66	10.01	-264.97	-15.74	-33.28
9(19)	9	TOP	30.27	-7.07	-304.22	-10.98	-78.99
	12	BOT	-30.27	7.07	-304.22	-12.37	-18.89
9(20)	9	TOP	14.28	-1.01	-284.85	-0.11	-18.12
	12	BOT	-14.28	1.01	-284.85	-3.24	-31.01
9(21)	9	TOP	22.08	35.41	-298.15	70.81	-48.27
	12	BOT	-22.08	-35.41	-298.15	46.05	-24.58
9(22)	9	TOP	22.47	-43.50	-290.92	-81.89	-48.84
	12	BOT	-22.47	43.50	-290.92	-61.66	-25.32
9(23)	9	TOP	26.56	-6.40	-255.13	-10.05	-70.90
	12	BOT	-26.56	6.40	-255.13	-11.07	-14.73
9(24)	9	TOP	10.57	-0.34	-235.76	0.82	-10.03
	12	BOT	-10.57	0.34	-235.76	-1.94	-26.85
9(25)	9	TOP	18.36	36.08	-249.06	71.73	-40.18
	12	BOT	-18.36	-36.08	-249.06	47.35	-20.42
9(26)	9	TOP	18.78	-42.82	-241.83	-80.97	-40.75
	12	BOT	-18.78	42.82	-241.83	-60.36	-21.16

10( 1)	10	TOP	-26.99	-1.70	-356.41	-3.30	60.69
	13	BOT	26.99	1.70	-356.41	-2.32	28.37
10( 2)	10	TOP	-23.75	-1.62	-304.68	-3.06	52.77
	13	BOT	23.75	1.62	-304.68	-2.27	25.62
10( 3)	10	TOP	-18.76	-1.25	-309.08	-2.72	43.49
	13	BOT	18.76	1.25	-309.08	-1.41	18.41
10( 4)	10	TOP	-20.05	0.23	-311.66	-0.16	51.58
	13	BOT	20.05	-0.23	-311.66	0.92	14.58
10( 5)	10	TOP	-19.39	9.04	-310.33	16.89	47.44
	13	BOT	19.39	-9.04	-310.33	12.94	16.55
10( 6)	10	TOP	-19.41	-10.06	-310.41	-19.77	47.63
	13	BOT	19.41	10.06	-310.41	-13.42	16.44
10( 7)	10	TOP	-15.52	-1.16	-257.35	-2.48	35.57
	13	BOT	15.52	1.16	-257.35	-1.37	15.66
10( 8)	10	TOP	-16.82	0.32	-259.93	0.08	43.66
	13	BOT	16.82	-0.32	-259.93	0.96	11.83
10( 9)	10	TOP	-16.16	9.13	-258.61	17.13	39.52
	13	BOT	16.16	-9.13	-258.61	12.98	13.80
10(10)	10	TOP	-16.18	-9.97	-258.68	-19.53	39.71
	13	BOT	16.18	9.97	-258.68	-13.38	13.69
10(11)	10	TOP	-25.30	-2.15	-348.41	-4.11	55.28
	13	BOT	25.30	2.15	-348.41	-2.99	28.21
10(12)	10	TOP	-26.40	-0.89	-350.60	-1.93	62.15
	13	BOT	26.40	0.89	-350.60	-1.01	24.96
10(13)	10	TOP	-25.84	6.59	-349.47	12.56	58.64
	13	BOT	25.84	-6.59	-349.47	9.20	26.63
10(14)	10	TOP	-25.86	-9.64	-349.54	-18.60	58.80



	13	BOT	25.86	9.64	-349.54	-13.21	26.54
10(15)	10	TOP	-22.07	-2.07	-296.88	-3.87	47.35
	13	BOT	22.07	2.07	-296.88	-2.95	25.46
10(16)	10	TOP	-23.16	-0.81	-298.87	-1.69	54.23
	13	BOT	23.16	0.81	-298.87	-0.97	22.21
10(17)	10	TOP	-22.60	6.68	-297.74	12.80	50.71
	13	BOT	22.60	-6.68	-297.74	9.24	23.88
10(18)	10	TOP	-22.62	-9.55	-297.81	-18.36	50.87
	13	BOT	22.62	9.55	-297.81	-13.17	23.79
10(19)	10	TOP	-13.62	1.44	-319.95	2.96	21.08
	13	BOT	13.62	-1.44	-319.95	1.79	26.31
10(20)	10	TOP	-31.69	-3.48	-340.25	-7.43	85.27
	13	BOT	31.69	3.48	-340.25	-4.05	16.85
10(21)	10	TOP	-22.54	43.94	-330.03	81.18	53.06
	13	BOT	22.54	-43.94	-330.03	63.81	21.33
10(22)	10	TOP	-22.76	-45.98	-330.17	-85.65	53.28
	13	BOT	22.76	45.98	-330.17	-66.07	21.84
10(23)	10	TOP	-9.84	1.61	-264.93	3.33	12.22
	13	BOT	9.84	-1.61	-264.93	1.98	22.72
10(24)	10	TOP	-27.91	-3.31	-285.24	-7.06	76.40
	13	BOT	27.91	3.31	-285.24	-3.86	13.25
10(25)	10	TOP	-18.77	44.11	-275.01	81.56	44.20
	13	BOT	18.77	-44.11	-275.01	64.00	17.73
10(26)	10	TOP	-18.99	-45.81	-275.16	-85.28	44.42
	13	BOT	18.99	45.81	-275.16	-65.88	18.24

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11( 1)	11	TOP	1.47	3.55	-606.61	7.79	-5.00
	14	BOT	-1.47	-3.55	-606.61	3.94	0.14
11( 2)	11	TOP	1.20	3.11	-522.10	6.67	-4.16
	14	BOT	-1.20	-3.11	-522.10	3.60	0.19
11( 3)	11	TOP	5.05	2.29	-507.19	6.03	-12.32
	14	BOT	-5.05	-2.29	-507.19	1.53	-4.35
11( 4)	11	TOP	-1.82	3.02	-507.04	7.47	2.27
	14	BOT	1.82	-3.02	-507.04	2.50	3.75
11( 5)	11	TOP	1.71	11.63	-507.15	24.08	-5.21
	14	BOT	-1.71	-11.63	-507.15	14.30	-0.43
11( 6)	11	TOP	1.52	-6.32	-507.07	-10.58	-4.84
	14	BOT	-1.52	6.32	-507.07	-10.26	-0.16
11( 7)	11	TOP	4.78	1.85	-422.67	4.90	-11.49
	14	BOT	-4.78	-1.85	-422.67	1.20	-4.30
11( 8)	11	TOP	-2.09	2.58	-422.52	6.35	3.11
	14	BOT	2.09	-2.58	-422.52	2.16	3.80
11( 9)	11	TOP	1.44	11.19	-422.64	22.95	-4.37
	14	BOT	-1.44	-11.19	-422.64	13.96	-0.38
11(10)	11	TOP	1.25	-6.76	-422.55	-11.70	-4.00
	14	BOT	-1.25	6.76	-422.55	-10.60	-0.11
11(11)	11	TOP	4.42	3.11	-591.75	7.02	-11.21
	14	BOT	-4.42	-3.11	-591.75	3.24	-3.37
11(12)	11	TOP	-1.43	3.73	-591.62	8.25	1.20
	14	BOT	1.43	-3.73	-591.62	4.06	3.52
11(13)	11	TOP	1.58	11.05	-591.73	22.36	-5.16
	14	BOT	-1.58	-11.05	-591.73	14.09	-0.04
11(14)	11	TOP	1.41	-4.21	-591.65	-7.09	-4.85
	14	BOT	-1.41	4.21	-591.65	-6.79	0.19
11(15)	11	TOP	4.15	2.67	-507.23	5.90	-10.37
	14	BOT	-4.15	-2.67	-507.23	2.91	-3.32
11(16)	11	TOP	-1.70	3.29	-507.11	7.12	2.04
	14	BOT	1.70	-3.29	-507.11	3.72	3.57
11(17)	11	TOP	1.31	10.60	-507.21	21.24	-4.32
	14	BOT	-1.31	-10.60	-507.21	13.75	0.01
11(18)	11	TOP	1.14	-4.65	-507.13	-8.22	-4.01
	14	BOT	-1.14	4.65	-507.13	-7.12	0.24
11(19)	11	TOP	29.05	5.56	-550.91	11.65	-59.96
	14	BOT	-29.05	-5.56	-550.91	6.70	-35.92
11(20)	11	TOP	-25.94	0.52	-548.60	2.74	49.92
	14	BOT	25.94	-0.52	-548.60	-1.02	35.70

11(21)	11	TOP	1.71	47.06	-549.94	89.44	-5.18
	14	BOT	-1.71	-47.06	-549.94	65.86	-0.47
11(22)	11	TOP	1.39	-40.98	-549.57	-75.05	-4.85
	14	BOT	-1.39	40.98	-549.57	-60.18	0.25
11(23)	11	TOP	28.79	5.05	-459.28	10.45	-59.12
	14	BOT	-28.79	-5.05	-459.28	6.23	-35.90
11(24)	11	TOP	-26.20	0.01	-456.97	1.54	50.76
	14	BOT	26.20	-0.01	-456.97	-1.50	35.72
11(25)	11	TOP	1.45	46.55	-458.32	88.24	-4.35
	14	BOT	-1.45	-46.55	-458.32	65.39	-0.45
11(26)	11	TOP	1.14	-41.48	-457.94	-76.25	-4.01
	14	BOT	-1.14	41.48	-457.94	-60.66	0.26

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12( 1)	12	TOP	5.47	2.07	-527.18	2.56	-11.04
	15	BOT	-5.47	-2.07	-527.18	4.29	-7.02
12( 2)	12	TOP	4.84	1.95	-453.73	2.29	-9.65
	15	BOT	-4.84	-1.95	-453.73	4.13	-6.33
12( 3)	12	TOP	7.28	0.55	-440.25	1.17	-15.82
	15	BOT	-7.28	-0.55	-440.25	0.63	-8.18
12( 4)	12	TOP	0.29	1.00	-441.17	2.02	-0.89
	15	BOT	-0.29	-1.00	-441.17	1.30	-0.06
12( 5)	12	TOP	3.88	8.86	-441.41	18.01	-8.54
	15	BOT	-3.88	-8.86	-441.41	11.22	-4.25
12( 6)	12	TOP	3.68	-7.31	-440.01	-14.82	-8.17
	15	BOT	-3.68	7.31	-440.01	-9.29	-3.99
12( 7)	12	TOP	6.65	0.42	-366.80	0.91	-14.43
	15	BOT	-6.65	-0.42	-366.80	0.47	-7.50
12( 8)	12	TOP	-0.35	0.88	-367.72	1.75	0.51
	15	BOT	0.35	-0.88	-367.72	1.14	0.63
12( 9)	12	TOP	3.25	8.73	-367.96	17.74	-7.15
	15	BOT	-3.25	-8.73	-367.96	11.08	-3.56
12(10)	12	TOP	3.05	-7.44	-366.56	-15.08	-6.77
	15	BOT	-3.05	7.44	-366.56	-9.46	-3.30
12(11)	12	TOP	8.19	1.69	-513.82	2.06	-16.99
	15	BOT	-8.19	-1.69	-513.82	3.51	-10.04
12(12)	12	TOP	2.25	2.07	-514.60	2.77	-4.29
	15	BOT	-2.25	-2.07	-514.60	4.07	-3.13
12(13)	12	TOP	5.30	8.75	-514.81	16.37	-10.80
	15	BOT	-5.30	-8.75	-514.81	12.51	-6.69
12(14)	12	TOP	5.14	-4.99	-513.62	-11.54	-10.48
	15	BOT	-5.14	4.99	-513.62	-4.93	-6.48
12(15)	12	TOP	7.56	1.56	-440.37	1.79	-15.60
	15	BOT	-7.56	-1.56	-440.37	3.34	-9.35
12(16)	12	TOP	1.62	1.95	-441.15	2.51	-2.90
	15	BOT	-1.62	-1.95	-441.15	3.91	-2.44
12(17)	12	TOP	4.67	8.62	-441.35	16.10	-9.41
	15	BOT	-4.67	-8.62	-441.35	12.35	-6.01
12(18)	12	TOP	4.51	-5.12	-440.17	-11.80	-9.08
	15	BOT	-4.51	5.12	-440.17	-5.09	-5.79
12(19)	12	TOP	32.32	2.33	-474.37	4.02	-65.42
	15	BOT	-32.32	-2.33	-474.37	3.66	-41.28
12(20)	12	TOP	-23.31	0.34	-481.17	0.00	46.40
	15	BOT	23.31	-0.34	-481.17	1.12	30.56
12(21)	12	TOP	4.66	43.06	-480.72	83.36	-9.67
	15	BOT	-4.66	-43.06	-480.72	58.75	-5.70
12(22)	12	TOP	4.35	-40.39	-474.82	-79.35	-9.34
	15	BOT	-4.35	40.39	-474.82	-53.97	-5.03
12(23)	12	TOP	31.57	2.10	-394.74	3.68	-63.83
	15	BOT	-31.57	-2.10	-394.74	3.26	-40.39
12(24)	12	TOP	-24.06	0.12	-401.54	-0.34	47.99
	15	BOT	24.06	-0.12	-401.54	0.72	31.45
12(25)	12	TOP	3.91	42.84	-401.09	83.03	-8.09
	15	BOT	-3.91	-42.84	-401.09	58.35	-4.80
12(26)	12	TOP	3.60	-40.62	-395.19	-79.68	-7.76
	15	BOT	-3.60	40.62	-395.19	-54.37	-4.13

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13( 1)	13	TOP	-0.19	0.20	-470.64	0.12	0.32
	16	BOT	0.19	-0.20	-470.64	0.52	0.32
13( 2)	13	TOP	-0.19	0.17	-404.94	0.09	0.30
	16	BOT	0.19	-0.17	-404.94	0.48	0.31
13( 3)	13	TOP	3.81	0.09	-394.19	0.13	-7.76
	16	BOT	-3.81	-0.09	-394.19	0.16	-4.82
13( 4)	13	TOP	-3.89	0.20	-394.19	0.33	7.96
	16	BOT	3.89	-0.20	-394.19	0.33	4.89
13( 5)	13	TOP	0.05	7.77	-394.96	15.85	-0.09
	16	BOT	-0.05	-7.77	-394.96	9.81	-0.08
13( 6)	13	TOP	-0.13	-7.49	-393.43	-15.40	0.28
	16	BOT	0.13	7.49	-393.43	-9.32	0.15
13( 7)	13	TOP	3.82	0.06	-328.49	0.09	-7.78
	16	BOT	-3.82	-0.06	-328.49	0.12	-4.83
13( 8)	13	TOP	-3.89	0.17	-328.50	0.29	7.94
	16	BOT	3.89	-0.17	-328.50	0.28	4.89
13( 9)	13	TOP	0.06	7.75	-329.26	15.81	-0.10
	16	BOT	-0.06	-7.75	-329.26	9.77	-0.08
13(10)	13	TOP	-0.12	-7.51	-327.73	-15.43	0.27
	16	BOT	0.12	7.51	-327.73	-9.37	0.15
13(11)	13	TOP	3.10	0.14	-459.17	0.05	-6.40
	16	BOT	-3.10	-0.14	-459.17	0.41	-3.85
13(12)	13	TOP	-3.45	0.23	-459.17	0.22	6.97
	16	BOT	3.45	-0.23	-459.17	0.55	4.41
13(13)	13	TOP	-0.09	6.68	-459.82	13.42	0.13
	16	BOT	0.09	-6.68	-459.82	8.61	0.18
13(14)	13	TOP	-0.25	-6.30	-458.52	-13.14	0.46
	16	BOT	0.25	6.30	-458.52	-7.65	0.38
13(15)	13	TOP	3.11	0.12	-393.47	0.02	-6.41
	16	BOT	-3.11	-0.12	-393.47	0.37	-3.86
13(16)	13	TOP	-3.44	0.21	-393.47	0.19	6.95
	16	BOT	3.44	-0.21	-393.47	0.51	4.40
13(17)	13	TOP	-0.09	6.65	-394.12	13.38	0.11
	16	BOT	0.09	-6.65	-394.12	8.57	0.17
13(18)	13	TOP	-0.24	-6.32	-392.82	-13.18	0.43
	16	BOT	0.24	6.32	-392.82	-7.69	0.37
13(19)	13	TOP	30.08	0.45	-426.98	0.74	-58.48
	16	BOT	-30.08	-0.45	-426.98	0.76	-40.81
13(20)	13	TOP	-30.30	-0.12	-426.93	-0.38	58.87
	16	BOT	30.30	0.12	-426.93	-0.04	41.13
13(21)	13	TOP	-0.02	41.12	-430.30	80.64	0.09
	16	BOT	0.02	-41.12	-430.30	55.07	-0.03
13(22)	13	TOP	-0.20	-40.79	-423.61	-80.28	0.30
	16	BOT	0.20	40.79	-423.61	-54.34	0.35
13(23)	13	TOP	30.10	0.43	-355.82	0.71	-58.52
	16	BOT	-30.10	-0.43	-355.82	0.70	-40.84
13(24)	13	TOP	-30.28	-0.15	-355.77	-0.41	58.84
	16	BOT	30.28	0.15	-355.77	-0.10	41.10
13(25)	13	TOP	0.00	41.09	-359.14	80.61	0.05
	16	BOT	0.00	-41.09	-359.14	55.01	-0.06
13(26)	13	TOP	-0.18	-40.82	-352.45	-80.31	0.27
	16	BOT	0.18	40.82	-352.45	-54.40	0.32

14( 1)	14	TOP	-5.50	-0.33	-531.92	-0.04	11.31
	17	BOT	5.50	0.33	-531.92	-1.04	6.83
14( 2)	14	TOP	-4.89	-0.36	-457.84	-0.08	9.97
	17	BOT	4.89	0.36	-457.84	-1.10	6.17
14( 3)	14	TOP	-0.13	0.31	-444.94	0.49	0.56
	17	BOT	0.13	-0.31	-444.94	0.53	-0.12
14( 4)	14	TOP	-7.12	0.07	-444.04	0.05	15.50
	17	BOT	7.12	-0.07	-444.04	0.17	8.01
14( 5)	14	TOP	-3.54	7.39	-445.15	15.05	7.84
	17	BOT	3.54	-7.39	-445.15	9.35	3.84
14( 6)	14	TOP	-3.72	-7.02	-443.84	-14.51	8.22
	17	BOT	3.72	7.02	-443.84	-8.65	4.05
14( 7)	14	TOP	0.47	0.28	-370.86	0.44	-0.78

	17	BOT	-0.47	-0.28	-370.86	0.48	-0.78
14( 8)	14	TOP	-6.52	0.03	-369.96	0.00	14.16
	17	BOT	6.52	-0.03	-369.96	0.11	7.35
14( 9)	14	TOP	-2.93	7.38	-371.07	15.00	6.50
	17	BOT	2.93	-7.36	-371.07	9.29	3.18
14(10)	14	TOP	-3.11	-7.05	-369.75	-14.55	6.88
	17	BOT	3.11	7.05	-369.75	-8.71	3.40
14(11)	14	TOP	-2.25	-0.15	-519.19	0.19	4.47
	17	BOT	2.25	0.15	-519.19	-0.68	2.94
14(12)	14	TOP	-8.19	-0.36	-518.42	-0.18	17.16
	17	BOT	8.19	0.36	-518.42	-0.99	9.85
14(13)	14	TOP	-5.14	5.87	-519.37	12.57	10.66
	17	BOT	5.14	-5.87	-519.37	6.82	6.31
14(14)	14	TOP	-5.29	-6.38	-518.25	-12.56	10.98
	17	BOT	5.29	6.38	-518.25	-8.49	6.49
14(15)	14	TOP	-1.64	-0.18	-445.11	0.15	3.13
	17	BOT	1.64	0.18	-445.11	-0.74	2.29
14(16)	14	TOP	-7.58	-0.39	-444.34	-0.23	15.83
	17	BOT	7.58	0.39	-444.34	-1.05	9.20
14(17)	14	TOP	-4.54	5.84	-445.28	12.52	9.32
	17	BOT	4.54	-5.84	-445.28	6.76	5.65
14(18)	14	TOP	-4.69	-6.41	-444.17	-12.60	9.64
	17	BOT	4.69	6.41	-444.17	-8.55	5.83
14(19)	14	TOP	23.38	-0.41	-485.37	-0.76	-46.47
	17	BOT	-23.38	0.41	-485.37	-0.58	-30.73
14(20)	14	TOP	-32.24	0.34	-478.56	1.03	65.33
	17	BOT	32.24	-0.34	-478.56	0.09	41.09
14(21)	14	TOP	-4.30	40.21	-484.89	79.44	9.25
	17	BOT	4.30	-40.21	-484.89	53.29	4.92
14(22)	14	TOP	-4.56	-40.28	-479.04	-79.16	9.62
	17	BOT	4.56	40.28	-479.04	-53.79	5.44
14(23)	14	TOP	24.12	-0.40	-405.04	-0.78	-48.04
	17	BOT	-24.12	0.40	-405.04	-0.54	-31.59
14(24)	14	TOP	-31.50	0.35	-398.23	1.01	63.76
	17	BOT	31.50	-0.35	-398.23	0.13	40.23
14(25)	14	TOP	-3.56	40.22	-404.56	79.41	7.68
	17	BOT	3.56	-40.22	-404.56	53.33	4.06
14(26)	14	TOP	-3.83	-40.28	-398.71	-79.19	8.04
	17	BOT	3.83	40.28	-398.71	-53.74	4.58

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15( 1)	15	TOP	-2.46	2.86	-589.14	-1.81	5.90
	18	BOT	2.46	-2.86	-589.14	11.25	2.22
15( 2)	15	TOP	-2.23	3.14	-507.30	-0.89	5.15
	18	BOT	2.23	-3.14	-507.30	11.25	2.22
15( 3)	15	TOP	2.06	-1.44	-490.93	-5.00	-2.81
	18	BOT	-2.06	1.44	-490.93	0.25	-4.00
15( 4)	15	TOP	-4.82	-1.92	-491.08	-6.02	11.79
	18	BOT	4.82	1.92	-491.08	-0.31	4.10
15( 5)	15	TOP	-1.29	4.83	-490.94	7.78	4.31
	18	BOT	1.29	-4.83	-490.94	8.16	-0.06
15( 6)	15	TOP	-1.47	-8.19	-491.07	-18.80	4.68
	18	BOT	1.47	8.19	-491.07	-8.23	0.16
15( 7)	15	TOP	2.29	-1.16	-409.09	-4.08	-3.55
	18	BOT	-2.29	1.16	-409.09	0.25	-4.01
15( 8)	15	TOP	-4.59	-1.64	-409.25	-5.10	11.04
	18	BOT	4.59	1.64	-409.25	-0.31	4.09
15( 9)	15	TOP	-1.06	5.11	-409.11	8.70	3.56
	18	BOT	1.06	-5.11	-409.11	8.17	-0.07
15(10)	15	TOP	-1.24	-7.91	-409.23	-17.88	3.93
	18	BOT	1.24	7.91	-409.23	-8.22	0.15
15(11)	15	TOP	0.63	2.38	-574.35	-1.93	-0.51
	18	BOT	-0.63	-2.38	-574.35	9.79	-1.55
15(12)	15	TOP	-5.22	1.98	-574.48	-2.79	11.89
	18	BOT	5.22	-1.98	-574.48	9.32	5.34
15(13)	15	TOP	-2.22	7.71	-574.36	8.94	5.53
	18	BOT	2.22	-7.71	-574.36	16.52	1.80

15(14)	15	TOP	-2.38	-3.35	-574.47	-13.66	5.85
	18	BOT	2.38	3.35	-574.47	2.59	1.99
15(15)	15	TOP	0.85	2.66	-492.52	-1.01	-1.26
	18	BOT	-0.85	-2.66	-492.52	9.80	-1.56
15(16)	15	TOP	-4.99	2.26	-492.65	-1.88	11.14
	18	BOT	4.99	-2.26	-492.65	9.32	5.33
15(17)	15	TOP	-1.99	7.99	-492.53	9.85	4.78
	18	BOT	1.99	-7.99	-492.53	16.52	1.79
15(18)	15	TOP	-2.15	-3.07	-492.64	-12.74	5.10
	18	BOT	2.15	3.07	-492.64	2.59	1.98
15(19)	15	TOP	25.65	-1.49	-532.00	-7.10	-49.84
	18	BOT	-25.65	1.49	-532.00	2.19	-34.82
15(20)	15	TOP	-29.33	2.02	-534.12	-0.74	60.03
	18	BOT	29.33	-2.02	-534.12	7.42	36.78
15(21)	15	TOP	-1.69	38.65	-532.13	71.37	4.89
	18	BOT	1.69	-38.65	-532.13	56.19	0.69
15(22)	15	TOP	-1.99	-38.11	-534.00	-79.21	5.30
	18	BOT	1.99	38.11	-534.00	-46.58	1.27
15(23)	15	TOP	25.95	-1.53	-443.16	-6.45	-50.69
	18	BOT	-25.95	1.53	-443.16	1.39	-34.98
15(24)	15	TOP	-29.02	1.98	-445.28	-0.09	59.18
	18	BOT	29.02	-1.98	-445.28	6.62	36.62
15(25)	15	TOP	-1.38	38.60	-443.28	72.02	4.04
	18	BOT	1.38	-38.60	-443.28	55.39	0.53
15(26)	15	TOP	-1.69	-38.16	-445.15	-78.56	4.45
	18	BOT	1.69	38.16	-445.15	-47.39	1.11

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16( 1)	16	TOP	27.24	-3.26	-340.56	-13.27	-60.07
	19	BOT	-27.24	3.26	-340.56	2.50	-29.82
16( 2)	16	TOP	24.04	-2.43	-291.29	-11.03	-52.24
	19	BOT	-24.04	2.43	-291.29	3.01	-27.08
16( 3)	16	TOP	19.85	-4.41	-296.91	-12.38	-50.98
	19	BOT	-19.85	4.41	-296.91	-2.17	-14.53
16( 4)	16	TOP	18.56	-5.58	-294.37	-14.45	-42.89
	19	BOT	-18.56	5.58	-294.37	-3.95	-18.36
16( 5)	16	TOP	19.20	0.99	-295.57	-1.13	-47.01
	19	BOT	-19.20	-0.99	-295.57	4.41	-16.35
16( 6)	16	TOP	19.22	-10.98	-295.70	-25.70	-46.87
	19	BOT	-19.22	10.98	-295.70	-10.53	-16.54
16( 7)	16	TOP	16.65	-3.58	-247.63	-10.15	-43.16
	19	BOT	-16.65	3.58	-247.63	-1.86	-11.79
16( 8)	16	TOP	15.36	-4.74	-245.10	-12.21	-35.07
	19	BOT	-15.36	4.74	-245.10	-3.44	-15.62
16( 9)	16	TOP	16.00	1.83	-246.30	1.11	-39.18
	19	BOT	-16.00	-1.83	-246.30	4.92	-13.61
16(10)	16	TOP	16.01	-10.15	-246.43	-23.47	-39.05
	19	BOT	-16.01	10.15	-246.43	-10.02	-13.80
16(11)	16	TOP	26.58	-3.03	-334.90	-12.41	-61.54
	19	BOT	-26.58	3.03	-334.90	2.42	-26.18
16(12)	16	TOP	25.48	-4.02	-332.74	-14.17	-54.66
	19	BOT	-25.48	4.02	-332.74	0.90	-29.44
16(13)	16	TOP	26.03	1.57	-333.77	-2.85	-58.16
	19	BOT	-26.03	-1.57	-333.77	8.01	-27.73
16(14)	16	TOP	26.04	-8.61	-333.88	-23.73	-58.04
	19	BOT	-26.04	8.61	-333.88	-4.69	-27.89
16(15)	16	TOP	23.38	-2.20	-285.63	-10.18	-53.71
	19	BOT	-23.38	2.20	-285.63	2.93	-23.44
16(16)	16	TOP	22.28	-3.19	-283.47	-11.93	-46.83
	19	BOT	-22.28	3.19	-283.47	1.41	-26.70
16(17)	16	TOP	22.83	2.40	-284.49	-0.61	-50.33
	19	BOT	-22.83	-2.40	-284.49	8.52	-24.99
16(18)	16	TOP	22.84	-7.78	-284.60	-21.50	-50.21
	19	BOT	-22.84	7.78	-284.60	-4.18	-25.15
16(19)	16	TOP	31.70	-6.00	-325.05	-17.36	-84.67
	19	BOT	-31.70	6.00	-325.05	-2.43	-17.46
16(20)	16	TOP	13.60	-2.51	-304.73	-9.34	-20.46

	19	BOT	-13.60	2.51	-304.73	1.07	-26.90
16(21)	16	TOP	22.66	33.26	-313.81	60.62	-52.54
	19	BOT	-22.66	-33.26	-313.81	49.17	-22.23
16(22)	16	TOP	22.64	-41.77	-315.97	-87.32	-52.59
	19	BOT	-22.64	41.77	-315.97	-50.53	-22.13
16(23)	16	TOP	27.92	-5.29	-272.57	-15.14	-75.91
	19	BOT	-27.92	5.29	-272.57	-2.32	-13.76
16(24)	16	TOP	9.83	-1.80	-252.24	-7.12	-11.70
	19	BOT	-9.83	1.80	-252.24	1.19	-23.20
16(25)	16	TOP	18.88	33.97	-261.33	62.84	-43.78
	19	BOT	-18.88	-33.97	-261.33	49.29	-18.53
16(26)	16	TOP	18.87	-41.06	-263.49	-85.10	-43.83
	19	BOT	-18.87	41.06	-263.49	-50.42	-18.43
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17( 1)	17	TOP	-17.49	39.00	-180.37	90.49	40.96
	20	BOT	17.49	-39.00	-180.37	38.22	16.77
17( 2)	17	TOP	-15.15	33.85	-153.63	77.78	35.14
	20	BOT	15.15	-33.85	-153.63	33.94	14.85
17( 3)	17	TOP	-13.81	30.52	-159.10	75.44	31.38
	20	BOT	13.81	-30.52	-159.10	25.28	14.19
17( 4)	17	TOP	-14.33	31.24	-161.77	77.04	38.48
	20	BOT	14.33	-31.24	-161.77	26.04	8.80
17( 5)	17	TOP	-14.05	33.29	-163.05	86.19	34.60
	20	BOT	14.05	-33.29	-163.05	23.65	11.78
17( 6)	17	TOP	-14.09	28.47	-157.83	66.29	35.27
	20	BOT	14.09	-28.47	-157.83	27.68	11.21
17( 7)	17	TOP	-11.46	25.38	-132.36	62.73	25.56
	20	BOT	11.46	-25.38	-132.36	21.01	12.27
17( 8)	17	TOP	-11.98	26.09	-135.03	64.33	32.66
	20	BOT	11.98	-26.09	-135.03	21.76	6.89
17( 9)	17	TOP	-11.71	28.14	-136.31	73.49	28.77
	20	BOT	11.71	-28.14	-136.31	19.37	9.86
17(10)	17	TOP	-11.74	23.33	-131.09	53.58	29.45
	20	BOT	11.74	-23.33	-131.09	23.40	9.30
17(11)	17	TOP	-16.76	37.48	-176.24	87.67	37.04
	20	BOT	16.76	-37.48	-176.24	36.01	18.26
17(12)	17	TOP	-17.20	38.09	-178.51	89.03	43.08
	20	BOT	17.20	-38.09	-178.51	36.65	13.69
17(13)	17	TOP	-16.97	39.83	-179.59	96.81	39.77
	20	BOT	16.97	-39.83	-179.59	34.62	16.22
17(14)	17	TOP	-16.99	35.74	-175.16	79.89	40.34
	20	BOT	16.99	-35.74	-175.16	38.04	15.74
17(15)	17	TOP	-14.41	32.33	-149.50	74.97	31.22
	20	BOT	14.41	-32.33	-149.50	31.73	16.35
17(16)	17	TOP	-14.86	32.94	-151.77	76.32	37.26
	20	BOT	14.86	-32.94	-151.77	32.38	11.77
17(17)	17	TOP	-14.62	34.68	-152.85	84.11	33.95
	20	BOT	14.62	-34.68	-152.85	30.34	14.30
17(18)	17	TOP	-14.65	30.59	-148.42	67.18	34.52
	20	BOT	14.65	-30.59	-148.42	33.77	13.82
17(19)	17	TOP	-8.49	34.51	-160.22	84.70	7.11
	20	BOT	8.49	-34.51	-160.22	29.18	22.48
17(20)	17	TOP	-22.58	34.21	-177.74	80.00	67.92
	20	BOT	22.58	-34.21	-177.74	32.91	5.03
17(21)	17	TOP	-15.42	50.36	-181.61	129.54	37.50
	20	BOT	15.42	-50.36	-181.61	37.68	13.40
17(22)	17	TOP	-15.65	18.36	-156.35	35.16	37.54
	20	BOT	15.65	-18.36	-156.35	24.41	14.11
17(23)	17	TOP	-5.90	28.78	-132.06	70.97	0.86
	20	BOT	5.90	-28.78	-132.06	24.00	20.18
17(24)	17	TOP	-19.99	28.49	-149.57	66.27	61.67
	20	BOT	19.99	-28.49	-149.57	27.73	2.74
17(25)	17	TOP	-12.83	44.64	-153.44	115.81	31.24
	20	BOT	12.83	-44.64	-153.44	32.50	11.11
17(26)	17	TOP	-13.06	12.63	-128.19	21.43	31.29
	20	BOT	13.06	-12.63	-128.19	19.23	11.82

18( 1)	18	TOP	1.14	61.56	-305.63	140.32	-3.52
	21	BOT	-1.14	-61.56	-305.63	62.83	-0.25
18( 2)	18	TOP	0.93	53.99	-261.59	121.67	-2.91
	21	BOT	-0.93	-53.99	-261.59	56.50	-0.18
18( 3)	18	TOP	4.37	45.27	-264.21	111.48	-10.47
	21	BOT	-4.37	-45.27	-264.21	37.92	-3.96
18( 4)	18	TOP	-1.88	45.57	-264.36	112.33	3.14
	21	BOT	1.88	-45.57	-264.36	38.04	3.08
18( 5)	18	TOP	1.71	47.63	-266.91	121.28	-4.55
	21	BOT	-1.71	-47.63	-266.91	35.90	-1.08
18( 6)	18	TOP	0.78	43.21	-261.85	102.53	-2.77
	21	BOT	-0.78	-43.21	-261.85	40.06	0.21
18( 7)	18	TOP	4.16	37.70	-220.16	92.83	-9.85
	21	BOT	-4.16	-37.70	-220.16	31.59	-3.88
18( 8)	18	TOP	-2.09	38.00	-220.31	93.68	3.75
	21	BOT	2.09	-38.00	-220.31	31.71	3.15
18( 9)	18	TOP	1.50	40.06	-222.86	102.63	-3.94
	21	BOT	-1.50	-40.06	-222.86	29.57	-1.01
18(10)	18	TOP	0.57	35.64	-217.60	83.88	-2.16
	21	BOT	-0.57	-35.64	-217.60	33.73	0.28
18(11)	18	TOP	3.81	59.01	-299.37	135.69	-9.32
	21	BOT	-3.81	-59.01	-299.37	59.05	-3.27
18(12)	18	TOP	-1.50	59.26	-299.49	136.42	2.24
	21	BOT	1.50	-59.26	-299.49	59.15	2.71
18(13)	18	TOP	1.55	61.02	-301.67	144.02	-4.30
	21	BOT	-1.55	-61.02	-301.67	57.33	-0.82
18(14)	18	TOP	0.76	57.26	-297.19	128.09	-2.78
	21	BOT	-0.76	-57.26	-297.19	60.87	0.27
18(15)	18	TOP	3.61	51.44	-255.32	117.04	-8.71
	21	BOT	-3.61	-51.44	-255.32	52.72	-3.19
18(16)	18	TOP	-1.71	51.69	-255.45	117.77	2.85
	21	BOT	1.71	-51.69	-255.45	52.82	2.79
18(17)	18	TOP	1.34	53.45	-257.62	125.37	-3.69
	21	BOT	-1.34	-53.45	-257.62	51.00	-0.75
18(18)	18	TOP	0.55	49.69	-253.15	109.44	-2.17
	21	BOT	-0.55	-49.69	-253.15	54.54	0.34
18(19)	18	TOP	28.26	53.09	-283.54	126.47	-58.40
	21	BOT	-28.26	-53.09	-283.54	48.77	-34.89
18(20)	18	TOP	-25.86	51.58	-280.47	121.70	51.20
	21	BOT	25.86	-51.58	-280.47	48.49	34.18
18(21)	18	TOP	1.98	67.58	-294.75	170.33	-4.66
	21	BOT	-1.98	-67.58	-294.75	43.14	-1.87
18(22)	18	TOP	0.42	37.10	-269.25	77.83	-2.54
	21	BOT	-0.42	-37.10	-269.25	54.11	1.16
18(23)	18	TOP	28.06	44.37	-236.54	105.79	-57.80
	21	BOT	-28.06	-44.37	-236.54	40.67	-34.83
18(24)	18	TOP	-26.06	42.86	-233.46	101.01	51.80
	21	BOT	26.06	-42.86	-233.46	40.38	34.23
18(25)	18	TOP	1.78	58.85	-247.75	149.65	-4.06
	21	BOT	-1.78	-58.85	-247.75	35.04	-1.81
18(26)	18	TOP	0.22	28.37	-222.25	57.15	-1.94
	21	BOT	-0.22	-28.37	-222.25	46.01	1.22

19( 1)	19	TOP	3.96	55.55	-269.57	127.57	-8.50
	22	BOT	-3.96	-55.55	-269.57	55.76	-4.55
19( 2)	19	TOP	3.41	48.68	-230.72	110.55	-7.27
	22	BOT	-3.41	-48.68	-230.72	50.09	-3.97
19( 3)	19	TOP	6.49	41.12	-232.61	101.81	-14.39
	22	BOT	-6.49	-41.12	-232.61	33.88	-7.03
19( 4)	19	TOP	0.12	41.38	-233.58	102.37	-0.40
	22	BOT	-0.12	-41.38	-233.58	34.18	0.01
19( 5)	19	TOP	3.76	43.27	-235.36	110.75	-8.28
	22	BOT	-3.76	-43.27	-235.36	32.04	-4.11
19( 6)	19	TOP	2.85	39.23	-230.83	93.43	-8.51
	22	BOT	-2.85	-39.23	-230.83	36.02	-2.91

19( 7)	19	TOP	5.94	34.24	-193.76	84.80	-13.16
	22	BOT	-5.94	-34.24	-193.76	28.21	-6.45
19( 8)	19	TOP	-0.43	34.50	-194.73	85.35	0.83
	22	BOT	0.43	-34.50	-194.73	28.51	0.60
19( 9)	19	TOP	3.21	36.39	-196.51	93.73	-7.05
	22	BOT	-3.21	-36.39	-196.51	26.36	-3.53
19(10)	19	TOP	2.30	32.35	-191.98	76.42	-5.27
	22	BOT	-2.30	-32.35	-191.98	30.35	-2.32
19(11)	19	TOP	6.57	53.30	-263.68	123.51	-14.28
	22	BOT	-6.57	-53.30	-263.68	52.37	-7.39
19(12)	19	TOP	1.15	53.52	-264.51	123.98	-2.39
	22	BOT	-1.15	-53.52	-264.51	52.63	-1.40
19(13)	19	TOP	4.24	55.12	-266.02	131.10	-9.09
	22	BOT	-4.24	-55.12	-266.02	50.81	-4.91
19(14)	19	TOP	3.48	51.69	-262.17	116.39	-7.58
	22	BOT	-3.48	-51.69	-262.17	54.19	-3.88
19(15)	19	TOP	6.02	46.42	-224.83	106.50	-13.05
	22	BOT	-6.02	-46.42	-224.83	46.70	-6.81
19(16)	19	TOP	0.60	46.64	-225.66	106.97	-1.16
	22	BOT	-0.60	-46.64	-225.66	46.96	-0.82
19(17)	19	TOP	3.69	48.25	-227.17	114.09	-7.86
	22	BOT	-3.69	-48.25	-227.17	45.14	-4.32
19(18)	19	TOP	2.92	44.82	-223.32	99.37	-6.35
	22	BOT	-2.92	-44.82	-223.32	48.52	-3.30
19(19)	19	TOP	31.00	47.46	-245.55	113.83	-63.79
	22	BOT	-31.00	-47.46	-245.55	42.78	-38.54
19(20)	19	TOP	-23.83	47.30	-251.90	112.19	48.05
	22	BOT	23.83	-47.30	-251.90	43.90	30.63
19(21)	19	TOP	4.28	61.92	-260.51	157.77	-8.82
	22	BOT	-4.28	-61.92	-260.51	38.36	-5.31
19(22)	19	TOP	2.89	32.84	-236.94	68.25	-6.92
	22	BOT	-2.89	-32.84	-236.94	48.33	-2.61
19(23)	19	TOP	30.40	39.56	-204.10	94.99	-62.47
	22	BOT	-30.40	-39.56	-204.10	35.56	-37.89
19(24)	19	TOP	-24.43	39.40	-210.44	93.35	49.36
	22	BOT	24.43	-39.40	-210.44	36.68	31.29
19(25)	19	TOP	3.68	54.02	-219.05	138.94	-7.51
	22	BOT	-3.68	-54.02	-219.05	31.13	-4.65
19(26)	19	TOP	2.29	24.94	-195.49	49.41	-5.61
	22	BOT	-2.29	-24.94	-195.49	41.10	-1.95

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20( 1)	20	TOP	0.00	49.45	-239.55	114.39	0.01
	23	BOT	0.00	-49.45	-239.55	48.80	-0.01
20( 2)	20	TOP	-0.03	43.26	-204.93	99.02	0.06
	23	BOT	0.03	-43.26	-204.93	43.73	0.05
20( 3)	20	TOP	3.76	37.16	-207.71	92.21	-7.72
	23	BOT	-3.76	-37.16	-207.71	30.44	-4.68
20( 4)	20	TOP	-3.37	37.22	-207.74	92.32	7.09
	23	BOT	3.37	-37.22	-207.74	30.49	4.04
20( 5)	20	TOP	0.68	39.05	-209.90	100.46	-1.25
	23	BOT	-0.68	-39.05	-209.90	28.41	-1.01
20( 6)	20	TOP	-0.30	35.33	-205.54	84.07	0.62
	23	BOT	0.30	-35.33	-205.54	32.52	0.36
20( 7)	20	TOP	3.73	30.97	-173.09	76.83	-7.67
	23	BOT	-3.73	-30.97	-173.09	25.36	-4.63
20( 8)	20	TOP	-3.41	31.02	-173.12	76.95	7.14
	23	BOT	3.41	-31.02	-173.12	25.41	4.09
20( 9)	20	TOP	0.65	32.85	-175.28	85.08	-1.19
	23	BOT	-0.65	-32.85	-175.28	23.33	-0.95
20(10)	20	TOP	-0.33	29.13	-170.92	68.70	0.67
	23	BOT	0.33	-29.13	-170.92	27.45	0.42
20(11)	20	TOP	3.06	47.59	-234.76	111.02	-6.33
	23	BOT	-3.06	-47.59	-234.76	46.03	-3.76
20(12)	20	TOP	-3.00	47.64	-234.79	111.12	6.26
	23	BOT	3.00	-47.64	-234.79	46.08	3.65
20(13)	20	TOP	0.44	49.19	-236.63	118.04	-0.83



	23	BOT	-0.44	-49.19	-236.63	44.30	-0.64
20(14)	20	TOP	-0.39	46.03	-232.92	104.11	0.76
	23	BOT	0.39	-46.03	-232.92	47.80	0.53
20(15)	20	TOP	3.03	41.39	-200.14	95.65	-6.28
	23	BOT	-3.03	-41.39	-200.14	40.95	-3.71
20(16)	20	TOP	-3.04	41.44	-200.17	95.75	6.31
	23	BOT	3.04	-41.44	-200.17	41.00	3.71
20(17)	20	TOP	0.41	43.00	-202.01	102.66	-0.78
	23	BOT	-0.41	-43.00	-202.01	39.23	-0.58
20(18)	20	TOP	-0.42	39.84	-198.30	88.73	0.81
	23	BOT	0.42	-39.84	-198.30	42.72	0.58
20(19)	20	TOP	30.15	42.58	-221.44	102.06	-59.15
	23	BOT	-30.15	-42.58	-221.44	38.44	-40.38
20(20)	20	TOP	-29.94	42.31	-221.28	101.43	58.80
	23	BOT	29.94	-42.31	-221.28	38.21	40.01
20(21)	20	TOP	0.81	56.37	-232.97	145.72	-1.15
	23	BOT	-0.81	-56.37	-232.97	33.90	-1.53
20(22)	20	TOP	-0.59	28.53	-209.75	57.77	0.80
	23	BOT	0.59	-28.53	-209.75	42.75	1.15
20(23)	20	TOP	30.14	35.50	-184.55	85.11	-59.12
	23	BOT	-30.14	-35.50	-184.55	32.06	-40.35
20(24)	20	TOP	-29.95	35.24	-184.39	84.47	58.83
	23	BOT	29.95	-35.24	-184.39	31.82	40.04
20(25)	20	TOP	0.79	49.29	-196.08	128.77	-1.12
	23	BOT	-0.79	-49.29	-196.08	27.51	-1.49
20(26)	20	TOP	-0.61	21.45	-172.86	40.82	0.83
	23	BOT	0.61	-21.45	-172.86	36.36	1.18
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21( 1)	21	TOP	-3.92	55.62	-269.96	127.67	8.49
	24	BOT	3.92	-55.62	-269.96	55.87	4.43
21( 2)	21	TOP	-3.43	48.73	-230.99	110.58	7.36
	24	BOT	3.43	-48.73	-230.99	50.24	3.95
21( 3)	21	TOP	0.26	41.38	-234.27	102.70	-0.21
	24	BOT	-0.26	-41.38	-234.27	33.87	-0.64
21( 4)	21	TOP	-6.12	41.23	-233.36	102.38	13.78
	24	BOT	6.12	-41.23	-233.36	33.68	6.40
21( 5)	21	TOP	-2.48	43.01	-235.95	110.29	5.90
	24	BOT	2.48	-43.01	-235.95	31.63	2.27
21( 6)	21	TOP	-3.38	39.61	-231.68	94.78	7.68
	24	BOT	3.38	-39.61	-231.68	35.92	3.49
21( 7)	21	TOP	0.75	34.50	-195.30	85.61	-1.34
	24	BOT	-0.75	-34.50	-195.30	28.24	-1.12
21( 8)	21	TOP	-5.63	34.34	-194.39	85.29	12.65
	24	BOT	5.63	-34.34	-194.39	28.05	5.92
21( 9)	21	TOP	-1.99	36.12	-196.98	93.20	4.77
	24	BOT	1.99	-36.12	-196.98	28.00	1.79
21(10)	21	TOP	-2.90	32.72	-192.71	77.69	6.54
	24	BOT	2.90	-32.72	-192.71	30.29	3.01
21(11)	21	TOP	-1.06	53.54	-264.93	124.04	2.29
	24	BOT	1.06	-53.54	-264.93	52.63	1.20
21(12)	21	TOP	-6.48	53.40	-264.15	123.76	14.19
	24	BOT	6.48	-53.40	-264.15	52.47	7.19
21(13)	21	TOP	-3.38	54.92	-266.35	130.49	7.49
	24	BOT	3.38	-54.92	-266.35	50.73	3.68
21(14)	21	TOP	-4.15	52.02	-262.72	117.31	8.99
	24	BOT	4.15	-52.02	-262.72	54.38	4.72
21(15)	21	TOP	-0.57	46.65	-225.96	106.95	1.16
	24	BOT	0.57	-46.65	-225.96	47.00	0.72
21(16)	21	TOP	-5.99	46.52	-225.18	106.67	13.05
	24	BOT	5.99	-46.52	-225.18	46.84	6.71
21(17)	21	TOP	-2.90	48.03	-227.38	113.40	6.35
	24	BOT	2.90	-48.03	-227.38	45.10	3.20
21(18)	21	TOP	-3.67	45.14	-223.76	100.22	7.86
	24	BOT	3.67	-45.14	-223.76	48.75	4.24
21(19)	21	TOP	24.06	47.62	-252.65	113.13	-48.40
	24	BOT	-24.06	-47.62	-252.65	44.02	-31.04

21(20)	21	TOP	-30.77	47.26	-245.96	113.48	63.44
	24	BOT	30.77	-47.26	-245.96	42.46	38.13
21(21)	21	TOP	-2.65	60.76	-260.87	156.63	6.57
	24	BOT	2.65	-60.76	-260.87	39.05	2.16
21(22)	21	TOP	-4.06	34.12	-237.74	69.98	8.47
	24	BOT	4.06	-34.12	-237.74	47.43	4.93
21(23)	21	TOP	24.62	39.71	-211.10	94.25	-49.65
	24	BOT	-24.62	-39.71	-211.10	36.81	-31.63
21(24)	21	TOP	-30.21	39.35	-204.41	94.60	62.18
	24	BOT	30.21	-39.35	-204.41	35.26	37.54
21(25)	21	TOP	-2.09	52.85	-219.32	137.75	5.32
	24	BOT	2.09	-52.85	-219.32	31.86	1.57
21(26)	21	TOP	-3.50	26.21	-196.19	51.10	7.21
	24	BOT	3.50	-26.21	-196.19	40.22	4.34

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22( 1)	22	TOP	-1.12	60.59	-307.73	141.67	3.51
	25	BOT	1.12	-60.59	-307.73	58.28	0.18
22( 2)	22	TOP	-0.97	53.01	-263.39	122.75	3.00
	25	BOT	0.97	-53.01	-263.39	52.17	0.21
22( 3)	22	TOP	2.27	45.60	-266.13	113.83	-3.77
	25	BOT	-2.27	-45.60	-266.13	36.66	-3.72
22( 4)	22	TOP	-3.98	45.41	-266.04	113.22	9.84
	25	BOT	3.98	-45.41	-266.04	36.63	3.31
22( 5)	22	TOP	-0.42	47.03	-268.08	120.82	2.17
	25	BOT	0.42	-47.03	-268.08	34.38	-0.78
22( 6)	22	TOP	-1.29	43.98	-264.09	106.23	3.89
	25	BOT	1.29	-43.98	-264.09	38.91	0.37
22( 7)	22	TOP	2.41	38.02	-221.78	94.91	-4.27
	25	BOT	-2.41	-38.02	-221.78	30.55	-3.69
22( 8)	22	TOP	-3.84	37.82	-221.69	94.30	9.33
	25	BOT	3.84	-37.82	-221.69	30.52	3.35
22( 9)	22	TOP	-0.28	39.45	-223.73	101.90	1.67
	25	BOT	0.28	-39.45	-223.73	28.27	-0.75
22(10)	22	TOP	-1.15	36.40	-219.74	87.31	3.39
	25	BOT	1.15	-36.40	-219.74	32.81	0.40
22(11)	22	TOP	1.58	58.41	-301.52	137.71	-2.35
	25	BOT	-1.58	-58.41	-301.52	55.04	-2.87
22(12)	22	TOP	-3.74	58.25	-301.45	137.19	9.22
	25	BOT	3.74	-58.25	-301.45	55.02	3.11
22(13)	22	TOP	-0.71	59.62	-303.18	143.65	2.70
	25	BOT	0.71	-59.62	-303.18	53.10	-0.37
22(14)	22	TOP	-1.45	57.03	-299.79	131.25	4.17
	25	BOT	1.45	-57.03	-299.79	56.96	0.61
22(15)	22	TOP	1.72	50.83	-257.18	118.79	-2.85
	25	BOT	-1.72	-50.83	-257.18	48.94	-2.83
22(16)	22	TOP	-3.59	50.66	-257.10	118.27	8.71
	25	BOT	3.59	-50.66	-257.10	48.91	3.15
22(17)	22	TOP	-0.57	52.04	-258.84	124.73	2.20
	25	BOT	0.57	-52.04	-258.84	46.99	-0.33
22(18)	22	TOP	-1.31	49.45	-255.44	112.33	3.66
	25	BOT	1.31	-49.45	-255.44	50.85	0.65
22(19)	22	TOP	26.09	51.46	-282.57	123.84	-51.56
	25	BOT	-26.09	-51.46	-282.57	45.82	-34.57
22(20)	22	TOP	-28.03	52.48	-285.30	127.34	58.03
	25	BOT	28.03	-52.48	-285.30	46.01	34.49
22(21)	22	TOP	-0.33	64.70	-295.63	168.61	2.34
	25	BOT	0.33	-64.70	-295.63	41.43	-1.25
22(22)	22	TOP	-1.61	39.24	-272.24	82.57	4.14
	25	BOT	1.61	-39.24	-272.24	50.40	1.17
22(23)	22	TOP	26.25	42.80	-235.25	102.91	-52.10
	25	BOT	-26.25	-42.80	-235.25	38.17	-34.56
22(24)	22	TOP	-27.87	43.82	-237.98	106.41	57.49
	25	BOT	27.87	-43.82	-237.98	38.36	34.50
22(25)	22	TOP	-0.17	56.04	-248.31	147.68	1.80
	25	BOT	0.17	-56.04	-248.31	33.78	-1.24
22(26)	22	TOP	-1.45	30.58	-224.92	61.64	3.60

	25	BOT	1.45	-30.58	-224.92	42.75	1.17
23( 1)	23	TOP	17.53	38.17	-182.09	91.39	-40.99
	26	BOT	-17.53	-38.17	-182.09	34.57	-16.86
23( 2)	23	TOP	15.14	33.07	-155.08	78.54	-35.09
	26	BOT	-15.14	-33.07	-155.08	30.61	-14.87
23( 3)	23	TOP	14.61	30.88	-163.35	77.81	-38.95
	26	BOT	-14.61	-30.88	-163.35	24.10	-9.25
23( 4)	23	TOP	14.09	30.26	-160.75	76.45	-31.85
	26	BOT	-14.09	-30.26	-160.75	23.42	-14.64
23( 5)	23	TOP	14.82	31.89	-164.07	83.87	-36.04
	26	BOT	-14.82	-31.89	-164.07	21.38	-12.22
23( 6)	23	TOP	14.07	29.25	-160.03	70.39	-34.76
	26	BOT	-14.07	-29.25	-160.03	26.13	-11.68
23( 7)	23	TOP	12.22	25.79	-136.34	64.96	-33.05
	26	BOT	-12.22	-25.79	-136.34	20.14	-7.26
23( 8)	23	TOP	11.70	25.17	-133.74	63.59	-25.95
	26	BOT	-11.70	-25.17	-133.74	19.46	-12.65
23( 9)	23	TOP	12.23	26.80	-137.06	71.01	-30.14
	26	BOT	-12.23	-26.80	-137.06	17.42	-10.23
23(10)	23	TOP	11.68	24.15	-133.02	57.54	-28.86
	26	BOT	-11.68	-24.15	-133.02	22.17	-9.68
23(11)	23	TOP	17.27	37.29	-180.19	89.83	-43.17
	26	BOT	-17.27	-37.29	-180.19	33.24	-13.83
23(12)	23	TOP	16.83	36.77	-177.97	88.67	-37.13
	26	BOT	-16.83	-36.77	-177.97	32.66	-18.41
23(13)	23	TOP	17.29	38.15	-180.80	94.98	-40.70
	26	BOT	-17.29	-38.15	-180.80	30.93	-16.36
23(14)	23	TOP	16.82	35.91	-177.37	83.53	-39.61
	26	BOT	-16.82	-35.91	-177.37	34.97	-15.89
23(15)	23	TOP	14.88	32.20	-153.18	76.98	-37.27
	26	BOT	-14.88	-32.20	-153.18	29.28	-11.84
23(16)	23	TOP	14.44	31.67	-150.97	75.82	-31.24
	26	BOT	-14.44	-31.67	-150.97	28.70	-16.42
23(17)	23	TOP	14.90	33.06	-153.79	82.13	-34.80
	26	BOT	-14.90	-33.06	-153.79	26.97	-14.36
23(18)	23	TOP	14.43	30.81	-150.36	70.67	-33.71
	26	BOT	-14.43	-30.81	-150.36	31.01	-13.90
23(19)	23	TOP	22.77	33.93	-179.58	81.54	-68.21
	26	BOT	-22.77	-33.93	-179.58	30.44	-5.34
23(20)	23	TOP	8.66	33.72	-161.70	84.94	-7.38
	26	BOT	-8.66	-33.72	-161.70	26.35	-22.76
23(21)	23	TOP	17.04	45.79	-182.38	125.41	-39.31
	26	BOT	-17.04	-45.79	-182.38	23.05	-16.92
23(22)	23	TOP	14.38	21.87	-158.89	41.08	-36.28
	26	BOT	-14.38	-21.87	-158.89	33.74	-11.18
23(23)	23	TOP	20.15	28.30	-151.14	67.67	-61.91
	26	BOT	-20.15	-28.30	-151.14	25.70	-3.00
23(24)	23	TOP	6.04	28.09	-133.26	71.07	-1.08
	26	BOT	-6.04	-28.09	-133.26	21.62	-20.42
23(25)	23	TOP	14.42	40.15	-153.94	111.64	-33.01
	26	BOT	-14.42	-40.15	-153.94	18.32	-14.58
23(26)	23	TOP	11.76	16.23	-130.45	27.20	-29.98
	26	BOT	-11.76	-16.23	-130.45	29.00	-8.84

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*                                     *
*                               Output of Reinforcements *
*                               PJ-1.00T *
* ----- *
*                               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*B) *
* Asvc(NAsvc) --- Reinforcement area of stirrups for column(mm2) *
* in certain spacing *
* NAsvc --- Combinatorial number which controls Asvc *
* 0 --- Minimum reinforcement *
* Vc,Nc(x,y) --- Shear and axial force which controls Asvc *
* Rsvc --- Volumetric ratio of stirrups of column(Vs/Vc) *
* Vs --- Volume of stirrups in column *
* Vc --- Volume of concrete Vc = B*B*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 1,1,2,3,J *
* with equal spacing *
* -M(Nm) --- Maximum negative moment of beam on 1,1,2,3,J *
* with equal spacing *
* Nm --- Combinatorial number which controls +M and -M *
* As(NAs) --- Reinforcement area of beam on 1,1,2,3,J(mm2) *
* with equal spacing *
* NAs --- Combinatorial number which controls As *
* 0 --- Minimum reinforcement *
* Rs --- Ratio of reinforcement of beam(As/B*B) *
* V(NV) --- Maximum combined shear of beam *
* NV --- Combinatorial number which controls V *
* Asv(NAsv) --- Reinforcement area of stirrups(mm2) *
* NAsv --- Combinatorial number which controls Asv *
* 0 --- Minimum reinforcement *
* Rsv --- Ratio of stirrups of beam(Asv/B*Sb) *
* T & V(NTV) --- Maximum Combined torsion and shear(kN-m) *
* NTV --- Combinatorial number which controls T & V *
* Ast(NAst) --- Longitudinal reinforcement area by torsion and shear*
* NAst --- Combinatorial number which controls Ast *
* 0 --- Minimum reinforcement *
* Astv --- Reinforcement area of stirrups by torsion and shear(mm2) *
* Astl --- Single reinforcement area of stirrups for torsion(mm2) *

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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= 6.20(m)  
 (22) Uc = N/Ac/fc = 0.08 N = -205.  
 (26) Mx = -243. Ncx = -179.  
 (24) My = 189. Ncy = -174.  
 Ascx(26)= 1201. Asc(24)= 1257. Rsc= 2.46 Asvc(0)= 118.1 Rsvc= 0.60  
 5D18 5D18 5D 6

N-C= 2 (1)B\*H(mm)= 400\* 500 Lc= 6.20(m)  
 (22) Uc = N/Ac/fc = 0.13 N = -331.  
 (26) Mx = -258. Ncx = -284.  
 (24) My = 195. Ncy = -218.  
 Ascx(26)= 1187. Asc(24)= 1265. Rsc= 2.45 Asvc(0)= 118.1 Rsvc= 0.60  
 5D18 5D18 5D 6

N-C= 3 (1)B\*H(mm)= 400\* 500 Lc= 6.20(m)  
 (22) Uc = N/Ac/fc = 0.14 N = -347.  
 (26) Mx = -263. Ncx = -298.  
 (24) My = 201. Ncy = -256.  
 Ascx(26)= 1208. Asc(24)= 1284. Rsc= 2.49 Asvc(0)= 118.1 Rsvc= 0.60  
 5D18 6D18 5D 6

N-C= 4 (1)B\*H(mm)= 400\* 500 Lc= 6.20(m)  
 (22) Uc = N/Ac/fc = 0.28 N = -695.  
 (26) Mx = -259. Ncx = -590.

(24) My = 204. Ncy = -555.  
AscX(26)= 1005. AscY(24)= 1146. Rsc= 2.15 Asvc(0)= 118.1 Rsvc= 0.60  
4D18 5D18 5D 6

N-C= 5 (1)B\*H(mm)= 400\* 500 Lc= 6.20(m)  
(19) Uc = N/Ac/fc = 0.21 N = -527.  
(26) Mx = -253. Ncx = -447.  
(23) My = -200. Ncy = -451.  
AscX(26)= 1081. AscY(23)= 1199. Rsc= 2.28 Asvc(0)= 118.1 Rsvc= 0.60  
5D18 5D18 5D 6

N-C= 6 (1)B\*H(mm)= 400\* 500 Lc= 6.20(m)  
(22) Uc = N/Ac/fc = 0.19 N = -470.  
(26) Mx = -238. Ncx = -400.  
(24) My = 195. Ncy = -397.  
AscX(26)= 1033. AscY(24)= 1204. Rsc= 2.24 Asvc(0)= 118.1 Rsvc= 0.60  
5D18 5D18 5D 6

N-C= 7 (1)B\*H(mm)= 400\* 500 Lc= 6.20(m)  
(22) Uc = N/Ac/fc = 0.32 N = -788.  
(26) Mx = -252. Ncx = -665.  
(23) My = -196. Ncy = -620.  
AscX(26)= 917. AscY(23)= 1046. Rsc= 1.96 Asvc(0)= 118.1 Rsvc= 0.60  
4D18 5D18 5D 6

N-C= 8 (1)B\*H(mm)= 400\* 500 Lc= 6.20(m)  
(20) Uc = N/Ac/fc = 0.30 N = -752.  
(26) Mx = -259. Ncx = -610.  
(23) My = -196. Ncy = -597.  
AscX(26)= 990. AscY(23)= 1052. Rsc= 2.04 Asvc(0)= 118.1 Rsvc= 0.60  
4D18 5D18 5D 6

N-C= 9 (1)B\*H(mm)= 400\* 500 Lc= 6.20(m)  
(21) Uc = N/Ac/fc = 0.30 N = -740.  
(26) Mx = -252. Ncx = -609.  
(23) My = -197. Ncy = -614.  
AscX(26)= 952. AscY(23)= 1055. Rsc= 2.01 Asvc(0)= 118.1 Rsvc= 0.60  
4D18 5D18 5D 6

N-C= 10 (1)B\*H(mm)= 400\* 500 Lc= 6.20(m)  
(19) Uc = N/Ac/fc = 0.33 N = -831.  
(26) Mx = -255. Ncx = -676.  
(24) My = 198. Ncy = -666.  
AscX(26)= 927. AscY(24)= 1037. Rsc= 1.96 Asvc(0)= 118.1 Rsvc= 0.60  
4D18 5D18 5D 6

N-C= 11 (1)B\*H(mm)= 400\* 500 Lc= 6.20(m)  
(21) Uc = N/Ac/fc = 0.46 N = -1143.  
(26) Mx = -260. Ncx = -909.  
(24) My = 201. Ncy = -944.  
AscX(26)= 845. AscY(24)= 968. Rsc= 1.81 Asvc(0)= 157.5 Rsvc= 0.80  
4D18 4D18 6D 6

N-C= 12 (1)B\*H(mm)= 400\* 500 Lc= 6.20(m)  
(19) Uc = N/Ac/fc = 0.31 N = -785.  
(26) Mx = -264. Ncx = -594.  
(23) My = -203. Ncy = -862.  
AscX(26)= 1030. AscY(23)= 1079. Rsc= 2.11 Asvc(0)= 118.1 Rsvc= 0.60  
5D18 5D18 5D 6

N-C= 13 (1)B\*H(mm)= 400\* 500 Lc= 6.20(m)  
(20) Uc = N/Ac/fc = 0.33 N = -822.  
(25) Mx = 237. Ncx = -645.  
(24) My = 203. Ncy = -893.  
AscX(25)= 838. AscY(24)= 1061. Rsc= 1.90 Asvc(0)= 118.1 Rsvc= 0.60  
4D18 5D18 5D 6

N-C= 14 (1)B\*H(mm)= 400\* 500 Lc= 6.20(m)  
(19) Uc = N/Ac/fc = 0.51 N = -1272.  
(25) Mx = 250. Ncx = -1050.  
(23) My = -202. Ncy = -1062.  
AscX(25)= 736. AscY(23)= 958. Rsc= 1.69 Asvc(0)= 157.5 Rsvc= 0.80  
3D18 4D18 6D 6

N-C= 15 (1)B\*H(mm)= 400\* 500 Lc= 6.20(m)  
(20) Uc = N/Ac/fc = 0.44 N = -1106.  
(25) Mx = 246. Ncx = -901.  
(23) My = -203. Ncy = -892.  
AscX(25)= 760. AscY(23)= 995. Rsc= 1.76 Asvc(0)= 157.5 Rsvc= 0.80  
3D18 4D18 6D 6

N-C= 16 (1)B\*H(mm)= 400\* 500 Lc= 6.20(m)  
(22) Uc = N/Ac/fc = 0.40 N = -1002.  
(25) Mx = 246. Ncx = -820.  
(23) My = -202. Ncy = -828.  
AscX(25)= 799. AscY(23)= 1005. Rsc= 1.80 Asvc(0)= 157.5 Rsvc= 0.80  
4D18 4D18 6D 6

N-C= 17 (1)B\*H(mm)= 400\* 500 Lc= 6.20(m)  
(19) Uc = N/Ac/fc = 0.44 N = -1098.  
(25) Mx = 250. Ncx = -893.  
(24) My = 203. Ncy = -885.  
AscX(25)= 787. AscY(24)= 995. Rsc= 1.78 Asvc(0)= 157.5 Rsvc= 0.80  
4D18 4D18 6D 6

N-C= 18 (1)B\*H(mm)= 400\* 500 Lc= 6.20(m)  
(22) Uc = N/Ac/fc = 0.51 N = -1266.  
(25) Mx = 260. Ncx = -1034.  
(24) My = 202. Ncy = -1056.  
AscX(25)= 802. AscY(24)= 958. Rsc= 1.76 Asvc(0)= 157.5 Rsvc= 0.80  
4D18 4D18 6D 6

N-C= 19 (1)B\*H(mm)= 400\* 500 Lc= 6.20(m)  
(19) Uc = N/Ac/fc = 0.35 N = -887.  
(25) Mx = 258. Ncx = -687.  
(23) My = -203. Ncy = -747.  
AscX(25)= 941. AscY(23)= 1039. Rsc= 1.98 Asvc(0)= 118.1 Rsvc= 0.60  
4D18 5D18 5D 6

N-C= 20 (1)B\*H(mm)= 400\* 500 Lc= 6.20(m)  
(21) Uc = N/Ac/fc = 0.19 N = -471.  
(25) Mx = 235. Ncx = -401.  
(24) My = 201. Ncy = -391.  
AscX(25)= 1014. AscY(24)= 1261. Rsc= 2.28 Asvc(0)= 118.1 Rsvc= 0.60  
4D18 5D18 5D 6

N-C= 21 (1)B\*H(mm)= 400\* 500 Lc= 6.20(m)  
(21) Uc = N/Ac/fc = 0.29 N = -713.  
(25) Mx = 244. Ncx = -603.  
(24) My = 204. Ncy = -540.  
AscX(25)= 904. AscY(24)= 1161. Rsc= 2.06 Asvc(0)= 118.1 Rsvc= 0.60  
4D18 5D18 5D 6

N-C= 22 (1)B\*H(mm)= 400\* 500 Lc= 6.20(m)  
(21) Uc = N/Ac/fc = 0.26 N = -648.  
(25) Mx = 247. Ncx = -549.  
(23) My = -207. Ncy = -482.  
AscX(25)= 960. AscY(23)= 1230. Rsc= 2.19 Asvc(0)= 118.1 Rsvc= 0.60  
4D18 5D18 5D 6

N-C= 23 (1)B\*H(mm)= 400\* 500 Lc= 6.20(m)  
(21) Uc = N/Ac/fc = 0.23 N = -586.  
-370-

(25) Mx = 248. Ncx = -497.  
 (23) My = -206. Ncy = -445.  
 Ascx(25)= 1005. Asc(23)= 1255. Rsc= 2.26 Asvc(0)= 118.1 Rsvc= 0.60  
 4D18 5D18 5D 6

N-C= 24 (1)B\*H(mm)= 400\* 500 Lc= 6.20(m)  
 (21) Uc = N/Ac/fc = 0.26 N = -649.  
 (25) Mx = 253. Ncx = -549.  
 (24) My = 207. Ncy = -482.  
 Ascx(25)= 997. Asc(24)= 1229. Rsc= 2.23 Asvc(0)= 118.1 Rsvc= 0.60  
 4D18 5D18 5D 6

N-C= 25 (1)B\*H(mm)= 400\* 500 Lc= 6.20(m)  
 (21) Uc = N/Ac/fc = 0.28 N = -711.  
 (25) Mx = 257. Ncx = -601.  
 (23) My = -204. Ncy = -537.  
 Ascx(25)= 983. Asc(23)= 1163. Rsc= 2.15 Asvc(0)= 118.1 Rsvc= 0.60  
 4D18 5D18 5D 6

N-C= 26 (1)B\*H(mm)= 400\* 500 Lc= 6.20(m)  
 (21) Uc = N/Ac/fc = 0.23 N = -565.  
 (25) Mx = 255. Ncx = -479.  
 (23) My = -201. Ncy = -469.  
 Ascx(25)= 1060. Asc(23)= 1198. Rsc= 2.26 Asvc(0)= 118.1 Rsvc= 0.60  
 5D18 5D18 5D 6

N-B= 1 (1)B\*H(mm)= 250\* 400 Lb= 1.45(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 0. 0. 0. 0. -M= 0. -6. -13. -20. -24.  
 (47) (1) (1) (1) (1) (26) (22) (22) (22) (22)  
 As= 300. 250. 250. 250. 300. As= 300. 250. 250. 250. 300.  
 (0) (0) (0) (0) (0) (0) (0) (0) (0) (0)  
 2D18 1D18 1D18 1D18 2D18 2D18 1D18 1D18 1D18 2D18  
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.30 0.25 0.25 0.25 0.30  
 V(74)= 19. Asv(0)= 45. 2D 6 Rsv= 0.18  
 T & V(19)= 0.0 & 19. Ast(0)= 0. 0D 0 Astv = 0. 0D 0  
 Astl = 0. 0D 0

N-B= 2 (1)B\*H(mm)= 250\* 600 Lb= 4.80(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 109. 117. 67. 64. 56. -M= -132. -53. 0. -32. -133.  
 (49) (45) (45) (46) (50) (20) (24) (1) (23) (19)  
 As= 486. 522. 375. 375. 450. As= 593. 375. 375. 375. 598.  
 (49) (45) (0) (0) (0) (20) (0) (0) (0) (19)  
 2D18 3D18 2D18 2D18 2D18 3D18 2D18 2D18 2D18 3D18  
 Rs= 0.32 0.35 0.25 0.25 0.30 Rs= 0.40 0.25 0.25 0.25 0.40  
 V(19)= 110. Asv(0)= 45. 2D 6 Rsv= 0.18  
 T & V(53)= 0.8 & 69. Ast(0)= 0. 0D 0 Astv = 0. 0D 0  
 Astl = 0. 0D 0

N-B= 3 (1)B\*H(mm)= 250\* 600 Lb= 4.80(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 30. 50. 40. 44. 24. -M= -102. -30. 0. -28. -102.  
 (49) (45) (27) (46) (50) (20) (24) (1) (23) (19)  
 As= 450. 375. 375. 375. 450. As= 452. 375. 375. 375. 455.  
 (0) (0) (0) (0) (0) (20) (0) (0) (0) (19)  
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18  
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.30 0.25 0.25 0.25 0.30  
 V(19)= 84. Asv(0)= 45. 2D 6 Rsv= 0.18  
 T & V(72)= 0.2 & 81. Ast(0)= 0. 0D 0 Astv = 0. 0D 0  
 Astl = 0. 0D 0

N-B= 4 (1)B\*H(mm)= 250\* 800 Lb= 6.00(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 81. 96. 72. 72. 32. -M= -146. -35. 0. -48. -178.  
 (49) (45) (27) (46) (50) (20) (24) (1) (23) (19)



As= 600. 500. 500. 500. 600. As= 600. 500. 500. 500. 600.  
 ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0)  
 3D18 2D18 2D18 2D18 3D18 3D18 2D18 2D18 2D18 2D18 3D18  
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.30 0.25 0.25 0.25 0.30  
 V( 19)= 118. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 22)= -0.6 & 85. Ast( 0)= 0. 00 0 Astv = 0. 00 0  
 Ast1 = 0. 00 0

N-B= 5 ( 1)B\*H(mm)= 250\* 800 Lb= 6.00(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 39. 118. 160. 201. 124. -M= -233. -22. 0. -43. -214.  
 ( 49) ( 45) ( 27) ( 46) ( 50) ( 20) ( 24) ( 1) ( 23) ( 19)  
 As= 600. 500. 704. 661. 600. As= 773. 500. 500. 500. 706.  
 ( 0) ( 0) ( 27) ( 46) ( 0) ( 20) ( 0) ( 0) ( 0) ( 19)  
 3D18 2D18 3D18 3D18 3D18 4D18 2D18 2D18 2D18 3D18  
 Rs= 0.30 0.25 0.35 0.33 0.30 Rs= 0.39 0.25 0.25 0.25 0.35  
 V( 20)= 193. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 53)= -0.7 & 160. Ast( 0)= 0. 00 0 Astv = 0. 00 0  
 Ast1 = 0. 00 0

N-B= 6 ( 1)B\*H(mm)= 250\* 400 Lb= 1.45(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 0. 0. 0. 0. -M= 0. -10. -20. -31. -36.  
 ( 48) ( 1) ( 1) ( 1) ( 1) ( 77) ( 73) ( 73) ( 73) ( 73)  
 As= 300. 250. 250. 250. 300. As= 300. 250. 250. 288. 329.  
 ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 65) ( 65)  
 2D18 1D18 1D18 1D18 2D18 2D18 1D18 1D18 2D18 2D18  
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.30 0.25 0.25 0.29 0.33  
 V( 73)= 28. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 19)= 0.0 & 28. Ast( 0)= 0. 00 0 Astv = 0. 00 0  
 Ast1 = 0. 00 0

N-B= 7 ( 1)B\*H(mm)= 250\* 400 Lb= 1.45(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 0. 0. 0. 0. -M= 0. -10. -20. -31. -36.  
 ( 47) ( 1) ( 1) ( 1) ( 1) ( 26) ( 22) ( 22) ( 22) ( 22)  
 As= 300. 250. 250. 250. 300. As= 300. 250. 250. 288. 329.  
 ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 6) ( 6)  
 2D18 1D18 1D18 1D18 2D18 2D18 1D18 1D18 2D18 2D18  
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.30 0.25 0.25 0.29 0.33  
 V( 22)= 28. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 72)= 0.0 & 28. Ast( 0)= 0. 00 0 Astv = 0. 00 0  
 Ast1 = 0. 00 0

N-B= 8 ( 1)B\*H(mm)= 250\* 400 Lb= 1.45(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 0. 0. 0. 0. -M= 0. -12. -25. -39. -44.  
 ( 48) ( 1) ( 1) ( 1) ( 1) ( 77) ( 73) ( 73) ( 73) ( 73)  
 As= 300. 250. 250. 250. 300. As= 300. 250. 250. 359. 409.  
 ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 13) ( 5)  
 2D18 1D18 1D18 1D18 2D18 2D18 1D18 1D18 2D18 2D18  
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.30 0.25 0.25 0.36 0.41  
 V( 74)= 34. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 63)= 0.0 & 32. Ast( 0)= 0. 00 0 Astv = 0. 00 0  
 Ast1 = 0. 00 0

N-B= 9 ( 1)B\*H(mm)= 250\* 400 Lb= 1.45(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 0. 0. 0. 0. -M= 0. -7. -13. -21. -24.  
 ( 44) ( 1) ( 1) ( 1) ( 1) ( 13) ( 21) ( 21) ( 21) ( 21)  
 As= 300. 250. 250. 250. 300. As= 300. 250. 250. 250. 300.  
 ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0)  
 2D18 1D18 1D18 1D18 2D18 2D18 1D18 1D18 1D18 2D18  
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.30 0.25 0.25 0.25 0.30  
 V( 73)= 20. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 71)= 0.0 & 20. Ast( 0)= 0. 00 0 Astv = 0. 00 0

N-B= 10 (1)B*H(mm)= 250* 750 Lb= 6.00(m)											
	-I-	-I-	-2-	-3-	-J-		-I-	-1-	-2-	-3-	-J-
+M=	130.	152.	83.	72.	45.	-M=	-189.	-63.	0.	-79.	-245.
	( 51)	( 47)	( 47)	( 48)	( 52)		( 22)	( 26)	( 1)	( 21)	( 21)
As=	562.	532.	469.	469.	562.	As=	669.	469.	469.	469.	877.
	( 0)	( 47)	( 0)	( 0)	( 0)		( 22)	( 0)	( 0)	( 0)	( 21)
	3D18	3D18	2D18	2D18	3D18		3D18	2D18	2D18	2D18	4D18
Rs=	0.30	0.28	0.25	0.25	0.30	Rs=	0.36	0.25	0.25	0.25	0.47
V( 21)=	137.	Asv( 0)=	45.	2D 6	Rsv=	0.18					
T & V( 71)=	1.8 &	87.	Ast( 0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

N-B= 11 (1)B*H(mm)= 250* 750 Lb= 6.00(m)											
	-I-	-1-	-2-	-3-	-J-		-I-	-1-	-2-	-3-	-J-
+M=	111.	206.	165.	106.	11.	-M=	-217.	-24.	0.	-49.	-289.
	( 51)	( 47)	( 27)	( 48)	( 52)		( 22)	( 26)	( 1)	( 25)	( 21)
As=	562.	731.	785.	469.	562.	As=	774.	469.	469.	469.	1050.
	( 0)	( 47)	( 27)	( 0)	( 0)		( 22)	( 0)	( 0)	( 0)	( 21)
	3D18	3D18	4D18	2D18	3D18		4D18	2D18	2D18	2D18	5D18
Rs=	0.30	0.39	0.42	0.25	0.30	Rs=	0.41	0.25	0.25	0.25	0.56
V( 21)=	193.	Asv( 0)=	45.	2D 6	Rsv=	0.18					
T & V( 71)=	-0.5 &	143.	Ast( 0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

N-B= 12 (1)B*H(mm)= 250* 750 Lb= 6.00(m)											
	-I-	-1-	-2-	-3-	-J-		-I-	-1-	-2-	-3-	-J-
+M=	110.	220.	185.	111.	1.	-M=	-224.	-17.	0.	-47.	-306.
	( 51)	( 47)	( 27)	( 48)	( 52)		( 22)	( 26)	( 1)	( 25)	( 21)
As=	562.	783.	882.	469.	562.	As=	800.	469.	469.	469.	1117.
	( 0)	( 47)	( 27)	( 0)	( 0)		( 22)	( 0)	( 0)	( 0)	( 21)
	3D18	4D18	4D18	2D18	3D18		4D18	2D18	2D18	2D18	5D18
Rs=	0.30	0.42	0.47	0.25	0.30	Rs=	0.43	0.25	0.25	0.25	0.60
V( 21)=	208.	Asv( 0)=	45.	2D 6	Rsv=	0.18					
T & V( 19)=	-0.7 &	156.	Ast( 0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

N-B= 13 (1)B*H(mm)= 250* 750 Lb= 6.00(m)											
	-I-	-1-	-2-	-3-	-J-		-I-	-1-	-2-	-3-	-J-
+M=	64.	229.	238.	134.	0.	-M=	-304.	-19.	0.	-41.	-358.
	( 51)	( 47)	( 27)	( 1)	( 1)		( 22)	( 26)	( 1)	( 25)	( 21)
As=	562.	819.	1160.	629.	562.	As=	1106.	469.	469.	469.	1346.
	( 0)	( 47)	( 27)	( 1)	( 0)		( 22)	( 0)	( 0)	( 0)	( 13)
	3D18	4D18	5D18	3D18	3D18		5D18	2D18	2D18	2D18	6D18
Rs=	0.30	0.44	0.62	0.34	0.30	Rs=	0.59	0.25	0.25	0.25	0.72
V( 21)=	264.	Asv( 21)=	55.	2D 6	Rsv=	0.22					
T & V( 71)=	-0.9 &	209.	Ast( 0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

N-B= 14 (1)B*H(mm)= 250* 750 Lb= 6.00(m)											
	-I-	-1-	-2-	-3-	-J-		-I-	-1-	-2-	-3-	-J-
+M=	98.	182.	150.	109.	33.	-M=	-259.	-56.	0.	-55.	-281.
	( 51)	( 47)	( 27)	( 48)	( 52)		( 22)	( 26)	( 1)	( 25)	( 21)
As=	562.	642.	709.	469.	562.	As=	932.	469.	469.	469.	1018.
	( 0)	( 47)	( 27)	( 0)	( 0)		( 22)	( 0)	( 0)	( 0)	( 21)
	3D18	3D18	3D18	2D18	3D18		4D18	2D18	2D18	2D18	4D18
Rs=	0.30	0.34	0.38	0.25	0.30	Rs=	0.50	0.25	0.25	0.25	0.54
V( 21)=	195.	Asv( 0)=	45.	2D 6	Rsv=	0.18					
T & V( 72)=	1.5 &	143.	Ast( 0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

N-B= 15 (1)B*H(mm)= 250* 800 Lb= 6.00(m)											
	-I-	-1-	-2-	-3-	-J-		-I-	-1-	-2-	-3-	-J-
+M=	66.	122.	105.	80.	24.	-M=	-168.	-30.	0.	-27.	-178.
	( 49)	( 45)	( 45)	( 46)	( 50)		( 20)	( 24)	( 1)	( 23)	( 19)

As= 450. 547. 599. 375. 450. As= 755. 375. 375. 375. 817.  
 ( 0) ( 45) ( 37) ( 0) ( 0) ( 20) ( 0) ( 0) ( 0) ( 19)  
 2D18 3D18 3D18 2D18 2D18 3D18 2D18 2D18 2D18 4D18  
 Rs= 0.30 0.36 0.40 0.25 0.30 Rs= 0.50 0.25 0.25 0.25 0.54  
 V( 19)= 133. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 53)= 0.6 & 96. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 16 ( 1)B\*H(mm)= 250\* 600 Lb= 8.00(m)  
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 13. 76. 82. 81. 19. -M= -162. -25. 0. -22. -156.  
 ( 49) ( 45) ( 27) ( 46) ( 50) ( 20) ( 24) ( 1) ( 23) ( 19)  
 As= 450. 375. 486. 375. 450. As= 737. 375. 375. 375. 707.  
 ( 0) ( 0) ( 27) ( 0) ( 0) ( 20) ( 0) ( 0) ( 0) ( 19)  
 2D18 2D18 2D18 2D18 2D18 3D18 2D18 2D18 2D18 3D18  
 Rs= 0.30 0.25 0.32 0.25 0.30 Rs= 0.49 0.25 0.25 0.25 0.47  
 V( 20)= 124. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 73)= -1.4 & 96. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 17 ( 1)B\*H(mm)= 250\* 600 Lb= 4.80(m)  
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 43. 80. 65. 79. 43. -M= -158. -40. 0. -34. -150.  
 ( 49) ( 45) ( 27) ( 46) ( 50) ( 20) ( 24) ( 1) ( 23) ( 19)  
 As= 450. 375. 380. 375. 450. As= 720. 375. 375. 375. 681.  
 ( 0) ( 0) ( 27) ( 0) ( 0) ( 20) ( 0) ( 0) ( 0) ( 19)  
 2D18 2D18 2D18 2D18 2D18 3D18 2D18 2D18 2D18 3D18  
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.48 0.25 0.25 0.25 0.45  
 V( 20)= 131. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 53)= -0.7 & 92. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 18 ( 1)B\*H(mm)= 250\* 600 Lb= 4.80(m)  
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 42. 77. 62. 75. 38. -M= -150. -35. 0. -43. -162.  
 ( 49) ( 45) ( 27) ( 46) ( 50) ( 20) ( 24) ( 1) ( 23) ( 19)  
 As= 450. 375. 375. 375. 450. As= 680. 375. 375. 375. 740.  
 ( 0) ( 0) ( 0) ( 0) ( 0) ( 20) ( 0) ( 0) ( 0) ( 19)  
 2D18 2D18 2D18 2D18 2D18 3D18 2D18 2D18 2D18 3D18  
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.45 0.25 0.25 0.25 0.49  
 V( 19)= 132. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 65)= 0.0 & 91. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 19 ( 1)B\*H(mm)= 250\* 600 Lb= 6.00(m)  
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 10. 91. 100. 79. 0. -M= -167. -13. 0. -26. -191.  
 ( 49) ( 45) ( 27) ( 46) ( 1) ( 20) ( 24) ( 1) ( 23) ( 19)  
 As= 450. 405. 600. 404. 450. As= 763. 375. 375. 375. 881.  
 ( 0) ( 45) ( 27) ( 1) ( 0) ( 20) ( 0) ( 0) ( 0) ( 19)  
 2D18 2D18 3D18 2D18 2D18 3D18 2D18 2D18 2D18 4D18  
 Rs= 0.30 0.27 0.40 0.27 0.30 Rs= 0.51 0.25 0.25 0.25 0.59  
 V( 19)= 147. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 53)= 0.1 & 122. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 20 ( 1)B\*H(mm)= 250\* 600 Lb= 6.00(m)  
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 110. 189. 147. 51. -M= -233. -10. 0. -16. -194.  
 ( 1) ( 45) ( 27) ( 46) ( 50) ( 20) ( 24) ( 1) ( 23) ( 19)  
 As= 450. 599. 1192. 665. 450. As= 1095. 375. 375. 375. 895.  
 ( 0) ( 1) ( 27) ( 46) ( 0) ( 20) ( 0) ( 0) ( 0) ( 19)  
 2D18 3D18 5D18 3D18 2D18 5D18 2D18 2D18 2D18 4D18  
 Rs= 0.30 0.40 0.79 0.44 0.30 Rs= 0.73 0.25 0.25 0.25 0.60  
 V( 20)= 195. Asv( 20)= 47. 2D 6 Rsv= 0.19  
 T & V( 65)= 0.0 & 172. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0

N-B= 21 (1)B*H(mm)= 250* 750 Lb= 4.80(m)											
	-I-	-1-	-2-	-3-	-J-		-I-	-1-	-2-	-3-	-J-
+M=	62.	150.	205.	182.	193.	-M=	-257.	-100.	0.	0.	0.
	( 51)	( 47)	( 47)	( 27)	( 48)		( 22)	( 26)	( 1)	( 1)	( 1)
As=	562.	526.	766.	869.	791.	As=	923.	469.	469.	469.	562.
	( 0)	( 47)	( 39)	( 27)	( 40)		( 22)	( 0)	( 0)	( 0)	( 0)
	3D18	3D18	4D18	4D18	4D18		4D18	2D18	2D18	2D18	3D18
Rs=	0.30	0.28	0.41	0.46	0.42	Rs=	0.49	0.25	0.25	0.25	0.30
V( 22)=	172.	Asv( 0)=	45.	2D 6	Rsv=	0.18					
T & V( 76)=	-5.1 &	113.	Ast( 0)=	285.	2D18	Astv =	46.	2D 6			
						Ast1 =	0.	0D 0			

N-B= 22 (1)B*H(mm)= 250* 750 Lb= 4.80(m)											
	-I-	-1-	-2-	-3-	-J-		-I-	-1-	-2-	-3-	-J-
+M=	19.	148.	278.	318.	362.	-M=	-318.	-104.	0.	0.	0.
	( 51)	( 47)	( 47)	( 27)	( 48)		( 74)	( 26)	( 1)	( 1)	( 1)
As=	562.	517.	1197.	1596.	1767.	As=	1161.	469.	469.	469.	562.
	( 0)	( 47)	( 39)	( 27)	( 40)		( 74)	( 0)	( 0)	( 0)	( 0)
	3D18	3D18	5D18	7D18	7D18		5D18	2D18	2D18	2D18	3D18
Rs=	0.30	0.28	0.64	0.85	0.94	Rs=	0.62	0.25	0.25	0.25	0.30
V( 22)=	217.	Asv( 0)=	45.	2D 6	Rsv=	0.18					
T & V( 19)=	2.8 &	175.	Ast( 0)=	0.	0D 0	Astv =	0.	0D 0			
						Ast1 =	0.	0D 0			

N-B= 23 (1)B*H(mm)= 250* 750 Lb= 4.80(m)											
	-I-	-1-	-2-	-3-	-J-		-I-	-1-	-2-	-3-	-J-
+M=	0.	82.	244.	282.	278.	-M=	-308.	-79.	0.	0.	0.
	( 1)	( 47)	( 47)	( 27)	( 48)		( 22)	( 22)	( 1)	( 1)	( 1)
As=	562.	469.	1168.	1399.	1283.	As=	1216.	469.	469.	469.	562.
	( 0)	( 0)	( 27)	( 27)	( 40)		( 14)	( 0)	( 0)	( 0)	( 0)
	3D18	2D18	5D18	6D18	6D18		5D18	2D18	2D18	2D18	3D18
Rs=	0.30	0.25	0.62	0.75	0.68	Rs=	0.65	0.25	0.25	0.25	0.30
V( 22)=	230.	Asv( 0)=	45.	2D 6	Rsv=	0.18					
T & V( 71)=	2.3 &	198.	Ast( 0)=	0.	0D 0	Astv =	0.	0D 0			
						Ast1 =	0.	0D 0			

N-B= 24 (1)B*H(mm)= 250* 750 Lb= 4.80(m)											
	-I-	-1-	-2-	-3-	-J-		-I-	-1-	-2-	-3-	-J-
+M=	0.	86.	204.	238.	252.	-M=	-307.	-98.	0.	0.	0.
	( 1)	( 51)	( 47)	( 27)	( 48)		( 22)	( 22)	( 1)	( 1)	( 1)
As=	562.	469.	917.	1158.	1111.	As=	1184.	469.	469.	469.	562.
	( 0)	( 0)	( 39)	( 27)	( 40)		( 14)	( 0)	( 0)	( 0)	( 0)
	3D18	2D18	4D18	5D18	5D18		5D18	2D18	2D18	2D18	3D18
Rs=	0.30	0.25	0.49	0.62	0.59	Rs=	0.63	0.25	0.25	0.25	0.30
V( 22)=	215.	Asv( 0)=	45.	2D 6	Rsv=	0.18					
T & V( 71)=	1.5 &	183.	Ast( 0)=	0.	0D 0	Astv =	0.	0D 0			
						Ast1 =	0.	0D 0			

N-B= 25 (1)B*H(mm)= 250* 750 Lb= 4.80(m)											
	-I-	-1-	-2-	-3-	-J-		-I-	-1-	-2-	-3-	-J-
+M=	0.	64.	219.	259.	272.	-M=	-325.	-102.	0.	0.	0.
	( 1)	( 51)	( 47)	( 27)	( 48)		( 22)	( 22)	( 1)	( 1)	( 1)
As=	562.	469.	1004.	1271.	1224.	As=	1287.	469.	469.	469.	562.
	( 0)	( 0)	( 39)	( 27)	( 40)		( 14)	( 0)	( 0)	( 0)	( 0)
	3D18	2D18	4D18	5D18	5D18		6D18	2D18	2D18	2D18	3D18
Rs=	0.30	0.25	0.54	0.68	0.65	Rs=	0.69	0.25	0.25	0.25	0.30
V( 22)=	228.	Asv( 0)=	45.	2D 6	Rsv=	0.18					
T & V( 72)=	-1.9 &	195.	Ast( 0)=	0.	0D 0	Astv =	0.	0D 0			
						Ast1 =	0.	0D 0			

N-B= 26 (1)B*H(mm)= 250* 750 Lb= 4.80(m)											
	-I-	-1-	-2-	-3-	-J-		-I-	-1-	-2-	-3-	-J-
+M=	0.	65.	241.	324.	347.	-M=	-354.	-112.	0.	0.	0.
	( 1)	( 51)	( 27)	( 27)	( 48)		( 22)	( 22)	( 1)	( 1)	( 1)

As= 562. 469. 1175. 1632. 1734. As= 1485. 469. 469. 469. 562.  
 ( 0) ( 0) ( 27) ( 27) ( 27) ( 14) ( 0) ( 0) ( 0) ( 0)  
 3D18 2D18 5D18 7D18 7D18 6D18 2D18 2D18 2D18 3D18  
 Rs= 0.30 0.25 0.63 0.87 0.92 Rs= 0.79 0.25 0.25 0.25 0.30  
 V( 22)= 247. Asv( 22)= 47. 2D 6 Rsv= 0.19  
 T & V( 72)= -2.4 & 214. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 27 ( 1)B\*H(mm)= 250\* 750 Lb= 4.80(m)  
 -I- -I- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 80. 183. 218. 229. -M= -277. -91. 0. 0. 0.  
 ( 1) ( 51) ( 47) ( 27) ( 48) ( 22) ( 22) ( 1) ( 1) ( 1)  
 As= 562. 469. 819. 1055. 987. As= 1009. 469. 469. 469. 562.  
 ( 0) ( 0) ( 27) ( 27) ( 40) ( 14) ( 0) ( 0) ( 0) ( 0)  
 3D18 2D18 4D18 5D18 4D18 4D18 2D18 2D18 2D18 3D18  
 Rs= 0.30 0.25 0.44 0.56 0.53 Rs= 0.54 0.25 0.25 0.25 0.30  
 V( 22)= 195. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 71)= 4.7 & 165. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 28 ( 1)B\*H(mm)= 250\* 750 Lb= 2.10(m)  
 -I- -I- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 191. 138. 80. 27. 0. -M= 0. -19. -115. -235. -304.  
 ( 48) ( 48) ( 52) ( 52) ( 1) ( 1) ( 25) ( 21) ( 21) ( 21)  
 As= 781. 481. 469. 469. 562. As= 562. 469. 469. 840. 1107.  
 ( 40) ( 48) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 21) ( 21)  
 4D18 2D18 2D18 2D18 3D18 3D18 2D18 2D18 4D18 5D18  
 Rs= 0.42 0.26 0.25 0.25 0.30 Rs= 0.30 0.25 0.25 0.45 0.59  
 V( 21)= 225. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 76)= 11.1 & 154. Ast( 0)= 601. 3D18 Astv = 65. 3D 6  
 Ast1 = 9. 1D 6

N-B= 29 ( 1)B\*H(mm)= 250\* 600 Lb= 6.07(m)  
 -I- -I- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 103. 145. 75. 0. -M= -55. 0. 0. 0. -177.  
 ( 1) ( 45) ( 27) ( 1) ( 1) ( 20) ( 1) ( 1) ( 1) ( 1)  
 As= 450. 584. 895. 443. 450. As= 450. 375. 375. 375. 1113.  
 ( 0) ( 27) ( 27) ( 1) ( 0) ( 0) ( 0) ( 0) ( 0) ( 1)  
 2D18 3D18 4D18 2D18 2D18 2D18 2D18 2D18 2D18 5D18  
 Rs= 0.30 0.39 0.60 0.30 0.30 Rs= 0.30 0.25 0.25 0.25 0.74  
 V( 19)= 167. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 53)= -0.7 & 163. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 30 ( 1)B\*H(mm)= 250\* 750 Lb= 2.10(m)  
 -I- -I- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 365. 229. 88. 6. 0. -M= 0. 0. -111. -311. -435.  
 ( 48) ( 48) ( 52) ( 1) ( 1) ( 1) ( 1) ( 21) ( 21) ( 21)  
 As= 1784. 888. 469. 469. 562. As= 562. 469. 469. 1135. 1869.  
 ( 40) ( 40) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 21) ( 13)  
 8D18 4D18 2D18 2D18 3D18 3D18 2D18 2D18 5D18 8D18  
 Rs= 0.95 0.47 0.25 0.25 0.30 Rs= 0.30 0.25 0.25 0.61 1.00  
 V( 21)= 361. Asv( 21)= 101. 4D 6 Rsv= 0.40  
 T & V( 19)= -6.3 & 326. Ast( 19)= 54. 1D18 Astv = 82. 3D 6  
 Ast1 = 4. 1D 6

N-B= 31 ( 1)B\*H(mm)= 250\* 600 Lb= 6.00(m)  
 -I- -I- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 59. 80. 59. 0. -M= -169. -16. 0. 0. -112.  
 ( 1) ( 1) ( 1) ( 1) ( 1) ( 1) ( 1) ( 1) ( 1) ( 1)  
 As= 450. 375. 473. 375. 450. As= 1058. 375. 375. 375. 678.  
 ( 0) ( 0) ( 1) ( 0) ( 0) ( 1) ( 0) ( 0) ( 0) ( 1)  
 2D18 2D18 2D18 2D18 2D18 5D18 2D18 2D18 2D18 3D18  
 Rs= 0.30 0.25 0.32 0.25 0.30 Rs= 0.71 0.25 0.25 0.25 0.45  
 V( 1)= 112. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 21)= 0.4 & 104. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0

N-B= 32 (1)B*H(mm)= 250* 750		Lb= 2.10(m)									
	-I-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-	
+M=	279.	178.	73.	6.	0.	-M=	0.	0.	-113.	-268.	-362.
	( 48)	( 48)	( 52)	( 1)	( 1)		( 1)	( 1)	( 21)	( 21)	( 21)
As=	1288.	637.	469.	469.	562.	As=	562.	469.	469.	968.	1514.
	( 40)	( 40)	( 0)	( 0)	( 0)		( 0)	( 0)	( 0)	( 21)	( 13)
	6D18	3D18	2D18	2D18	3D18		3D18	2D18	2D18	4D18	6D18
Rs=	0.69	0.34	0.25	0.25	0.30	Rs=	0.30	0.25	0.25	0.52	0.81
V( 21)=	285.	Asv( 21)=	65.	3D 6	Rsv=	0.26					
T & V( 71)=	-4.8 &	251.	Ast( 71)=	2.	1D18	Astv =	41.	2D 6			
						Ast1 =	0.	1D 6			

N-B= 33 (1)B*H(mm)= 250* 600		Lb= 4.80(m)									
	-I-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-	
+M=	0.	35.	47.	35.	0.	-M=	-106.	-17.	0.	-8.	-87.
	( 1)	( 1)	( 1)	( 1)	( 1)		( 1)	( 1)	( 1)	( 2)	( 1)
As=	450.	375.	375.	375.	450.	As=	641.	375.	375.	375.	520.
	( 0)	( 0)	( 0)	( 0)	( 0)		( 1)	( 0)	( 0)	( 0)	( 1)
	2D18	2D18	2D18	2D18	2D18		3D18	2D18	2D18	2D18	3D18
Rs=	0.30	0.25	0.25	0.25	0.30	Rs=	0.43	0.25	0.25	0.25	0.35
V( 1)=	82.	Asv( 0)=	45.	2D 6	Rsv=	0.18					
T & V( 53)=	0.4 &	77.	Ast( 0)=	0.	0D 0	Astv =	0.	0D 0			
						Ast1 =	0.	0D 0			

N-B= 34 (1)B*H(mm)= 250* 750		Lb= 2.10(m)									
	-I-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-	
+M=	251.	167.	78.	6.	0.	-M=	0.	0.	-106.	-243.	-326.
	( 48)	( 48)	( 52)	( 1)	( 1)		( 1)	( 1)	( 21)	( 21)	( 21)
As=	1105.	587.	469.	469.	562.	As=	562.	469.	469.	873.	1284.
	( 40)	( 48)	( 0)	( 0)	( 0)		( 0)	( 0)	( 0)	( 21)	( 13)
	5D18	3D18	2D18	2D18	3D18		3D18	2D18	2D18	4D18	6D18
Rs=	0.59	0.31	0.25	0.25	0.30	Rs=	0.30	0.25	0.25	0.47	0.68
V( 21)=	253.	Asv( 21)=	50.	2D 6	Rsv=	0.20					
T & V( 71)=	-3.6 &	219.	Ast( 0)=	0.	0D 0	Astv =	0.	0D 0			
						Ast1 =	0.	0D 0			

N-B= 35 (1)B*H(mm)= 250* 600		Lb= 4.80(m)									
	-I-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-	
+M=	0.	35.	47.	35.	0.	-M=	-87.	-7.	0.	-16.	-105.
	( 1)	( 1)	( 1)	( 1)	( 1)		( 1)	( 2)	( 1)	( 1)	( 1)
As=	450.	375.	375.	375.	450.	As=	517.	375.	375.	375.	634.
	( 0)	( 0)	( 0)	( 0)	( 0)		( 1)	( 0)	( 0)	( 0)	( 1)
	2D18	2D18	2D18	2D18	2D18		3D18	2D18	2D18	2D18	3D18
Rs=	0.30	0.25	0.25	0.25	0.30	Rs=	0.34	0.25	0.25	0.25	0.42
V( 1)=	82.	Asv( 0)=	45.	2D 6	Rsv=	0.18					
T & V( 63)=	-0.1 &	76.	Ast( 0)=	0.	0D 0	Astv =	0.	0D 0			
						Ast1 =	0.	0D 0			

N-B= 36 (1)B*H(mm)= 250* 750		Lb= 2.10(m)									
	-I-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-	
+M=	272.	177.	77.	6.	0.	-M=	0.	0.	-110.	-259.	-349.
	( 48)	( 48)	( 52)	( 1)	( 1)		( 1)	( 1)	( 21)	( 21)	( 21)
As=	1223.	623.	469.	469.	562.	As=	562.	469.	469.	931.	1411.
	( 40)	( 48)	( 0)	( 0)	( 0)		( 0)	( 0)	( 0)	( 21)	( 13)
	5D18	3D18	2D18	2D18	3D18		3D18	2D18	2D18	4D18	6D18
Rs=	0.65	0.33	0.25	0.25	0.30	Rs=	0.30	0.25	0.25	0.50	0.75
V( 21)=	273.	Asv( 21)=	60.	3D 6	Rsv=	0.24					
T & V( 72)=	4.5 &	238.	Ast( 0)=	0.	0D 0	Astv =	0.	0D 0			
						Ast1 =	0.	0D 0			

N-B= 37 (1)B*H(mm)= 250* 600		Lb= 6.00(m)									
	-I-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-	
+M=	0.	56.	75.	56.	0.	-M=	-109.	0.	0.	-26.	-177.
	( 1)	( 1)	( 1)	( 1)	( 1)		( 1)	( 1)	( 1)	( 1)	( 1)

As= 450. 375. 444. 375. 450. As= 656. 375. 375. 375. 1112.  
 ( 0) ( 0) ( 1) ( 0) ( 0) ( 1) ( 0) ( 0) ( 0) ( 0) ( 1)  
 2D18 2D18 2D18 2D18 2D18 3D18 2D18 2D18 2D18 2D18 5D18  
 Rs= 0.30 0.25 0.30 0.25 0.30 Rs= 0.44 0.25 0.25 0.25 0.74  
 V( 1)= 108. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 53)= -0.4 & 105. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 38 ( 1)B\*H(mm)= 250\* 750 Lb= 2.10(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 349. 220. 86. 6. 0. -M= 0. 0. -104. -286. -400.  
 ( 48) ( 48) ( 52) ( 1) ( 1) ( 1) ( 1) ( 21) ( 21) ( 21)  
 As= 1750. 869. 469. 469. 562. As= 562. 469. 469. 1046. 1748.  
 ( 27) ( 40) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 13) ( 13)  
 7D18 4D18 2D18 2D18 3D18 3D18 2D18 2D18 5D18 7D18  
 Rs= 0.93 0.46 0.25 0.25 0.30 Rs= 0.30 0.25 0.25 0.56 0.93  
 V( 21)= 332. Asv( 21)= 87. 4D 6 Rsv= 0.35  
 T & V( 72)= 6.7 & 301. Ast( 72)= 67. 1D18 Astv = 73. 3D 6  
 Ast1 = 5. 1D 6

N-B= 39 ( 1)B\*H(mm)= 250\* 600 Lb= 6.07(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 79. 163. 109. 5. -M= -189. 0. 0. 0. -53.  
 ( 1) ( 1) ( 27) ( 27) ( 50) ( 1) ( 1) ( 1) ( 1) ( 19)  
 As= 450. 472. 1012. 660. 450. As= 1198. 375. 375. 375. 450.  
 ( 0) ( 1) ( 27) ( 27) ( 0) ( 1) ( 0) ( 0) ( 0) ( 0)  
 2D18 2D18 4D18 3D18 2D18 5D18 2D18 2D18 2D18 2D18  
 Rs= 0.30 0.31 0.67 0.44 0.30 Rs= 0.80 0.25 0.25 0.25 0.30  
 V( 1)= 152. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 53)= 0.5 & 151. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 40 ( 1)B\*H(mm)= 250\* 750 Lb= 2.10(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 228. 158. 82. 18. 0. -M= 0. -6. -104. -229. -305.  
 ( 48) ( 48) ( 52) ( 52) ( 1) ( 1) ( 25) ( 21) ( 21) ( 21)  
 As= 980. 554. 469. 469. 562. As= 562. 469. 469. 819. 1140.  
 ( 40) ( 48) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 21) ( 13)  
 4D18 3D18 2D18 2D18 3D18 3D18 2D18 2D18 4D18 5D18  
 Rs= 0.52 0.30 0.25 0.25 0.30 Rs= 0.30 0.25 0.25 0.44 0.61  
 V( 21)= 235. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 75)= -11.1 & 170. Ast( 0)= 535. 3D18 Astv = 61. 3D 6  
 Ast1 = 10. 1D 6

N-B= 41 ( 1)B\*H(mm)= 250\* 600 Lb= 6.00(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 72. 127. 103. 84. 26. -M= -161. -28. 0. -26. -179.  
 ( 49) ( 45) ( 45) ( 46) ( 50) ( 20) ( 24) ( 1) ( 23) ( 19)  
 As= 450. 569. 613. 375. 450. As= 731. 375. 375. 375. 821.  
 ( 0) ( 45) ( 27) ( 0) ( 0) ( 20) ( 0) ( 0) ( 0) ( 19)  
 2D18 3D18 3D18 2D18 2D18 3D18 2D18 2D18 2D18 4D18  
 Rs= 0.30 0.38 0.41 0.25 0.30 Rs= 0.49 0.25 0.25 0.25 0.55  
 V( 19)= 135. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 71)= -0.5 & 135. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 42 ( 1)B\*H(mm)= 250\* 600 Lb= 6.00(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 15. 76. 84. 83. 24. -M= -162. -27. 0. -21. -151.  
 ( 49) ( 45) ( 27) ( 46) ( 50) ( 20) ( 24) ( 1) ( 23) ( 19)  
 As= 450. 375. 498. 375. 450. As= 738. 375. 375. 375. 683.  
 ( 0) ( 0) ( 27) ( 0) ( 0) ( 20) ( 0) ( 0) ( 0) ( 19)  
 2D18 2D18 2D18 2D18 2D18 3D18 2D18 2D18 2D18 3D18  
 Rs= 0.30 0.25 0.33 0.25 0.30 Rs= 0.49 0.25 0.25 0.25 0.46  
 V( 20)= 121. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 21)= 0.4 & 94. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0

N-B= 43 (1) B*H(mm)= 250* 600 Lb= 4.80(m)									
-I-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-
+M= 49.	70.	54.	80.	47.	-M= -151.	-48.	0.	-34.	-147.
( 49)	( 45)	( 27)	( 46)	( 50)	( 20)	( 24)	( 1)	( 23)	( 19)
As= 450.	375.	375.	375.	450.	As= 686.	375.	375.	375.	664.
( 0)	( 0)	( 0)	( 0)	( 0)	( 20)	( 0)	( 0)	( 0)	( 19)
2D18	2D18	2D18	2D18	2D18	3D18	2D18	2D18	2D18	3D18
Rs= 0.30	0.25	0.25	0.25	0.30	Rs= 0.46	0.25	0.25	0.25	0.44
V( 19)= 123.	Asv( 0)= 45.	2D 6	Rsv= 0.18						
T & V( 53)= 0.1 &	84.	Ast( 0)= 0.	0D 0	Astv = 0.	0D 0				
				Ast1 = 0.	0D 0				

N-B= 44 (1) B*H(mm)= 250* 600 Lb= 4.80(m)									
-I-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-
+M= 47.	79.	54.	71.	49.	-M= -147.	-34.	0.	-48.	-151.
( 49)	( 45)	( 27)	( 46)	( 50)	( 20)	( 24)	( 1)	( 23)	( 19)
As= 450.	375.	375.	375.	450.	As= 686.	375.	375.	375.	683.
( 0)	( 0)	( 0)	( 0)	( 0)	( 20)	( 0)	( 0)	( 0)	( 19)
2D18	2D18	2D18	2D18	2D18	3D18	2D18	2D18	2D18	3D18
Rs= 0.30	0.25	0.25	0.25	0.30	Rs= 0.44	0.25	0.25	0.25	0.46
V( 20)= 123.	Asv( 0)= 45.	2D 6	Rsv= 0.18						
T & V( 19)= 0.0 &	114.	Ast( 0)= 0.	0D 0	Astv = 0.	0D 0				
				Ast1 = 0.	0D 0				

N-B= 45 (1) B*H(mm)= 250* 600 Lb= 6.00(m)									
-I-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-
+M= 24.	81.	85.	90.	5.	-M= -151.	-23.	0.	-16.	-174.
( 49)	( 45)	( 27)	( 46)	( 50)	( 20)	( 24)	( 1)	( 23)	( 19)
As= 450.	375.	506.	400.	450.	As= 684.	375.	375.	375.	795.
( 0)	( 0)	( 27)	( 46)	( 0)	( 20)	( 0)	( 0)	( 0)	( 19)
2D18	2D18	2D18	2D18	2D18	3D18	2D18	2D18	2D18	4D18
Rs= 0.30	0.25	0.34	0.27	0.30	Rs= 0.46	0.25	0.25	0.25	0.53
V( 19)= 138.	Asv( 0)= 45.	2D 6	Rsv= 0.18						
T & V( 53)= -0.4 &	114.	Ast( 0)= 0.	0D 0	Astv = 0.	0D 0				
				Ast1 = 0.	0D 0				

N-B= 46 (1) B*H(mm)= 250* 600 Lb= 6.00(m)									
-I-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-
+M= 16.	98.	100.	125.	75.	-M= -191.	-16.	0.	-29.	-158.
( 49)	( 45)	( 46)	( 46)	( 50)	( 20)	( 24)	( 1)	( 23)	( 19)
As= 450.	435.	594.	563.	450.	As= 881.	375.	375.	375.	718.
( 0)	( 45)	( 27)	( 46)	( 0)	( 20)	( 0)	( 0)	( 0)	( 19)
2D18	2D18	3D18	3D18	2D18	4D18	2D18	2D18	2D18	3D18
Rs= 0.30	0.29	0.40	0.38	0.30	Rs= 0.59	0.25	0.25	0.25	0.48
V( 20)= 152.	Asv( 0)= 45.	2D 6	Rsv= 0.18						
T & V( 72)= 0.3 &	152.	Ast( 0)= 0.	0D 0	Astv = 0.	0D 0				
				Ast1 = 0.	0D 0				

N-B= 47 (1) B*H(mm)= 250* 750 Lb= 6.90(m)									
-I-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-
+M= 0.	114.	175.	198.	71.	-M= -302.	-25.	0.	-18.	-247.
( 1)	( 47)	( 48)	( 48)	( 52)	( 22)	( 26)	( 1)	( 25)	( 21)
As= 562.	501.	819.	703.	562.	As= 1100.	469.	469.	469.	887.
( 0)	( 1)	( 40)	( 48)	( 0)	( 22)	( 0)	( 0)	( 0)	( 21)
3D18	2D18	4D18	3D18	3D18	5D18	2D18	2D18	2D18	4D18
Rs= 0.30	0.27	0.44	0.37	0.30	Rs= 0.59	0.25	0.25	0.25	0.47
V( 22)= 204.	Asv( 0)= 45.	2D 6	Rsv= 0.18						
T & V( 72)= 0.5 &	167.	Ast( 0)= 0.	0D 0	Astv = 0.	0D 0				
				Ast1 = 0.	0D 0				

N-B= 48 (1) B*H(mm)= 250* 750 Lb= 6.90(m)									
-I-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-
+M= 0.	149.	234.	234.	51.	-M= -389.	-29.	0.	0.	-280.
( 1)	( 1)	( 27)	( 48)	( 52)	( 22)	( 26)	( 1)	( 1)	( 21)



As= 562. 707. 1138. 837. 562. As= 1587. 469. 469. 469. 1014.  
 ( 0) ( 1) ( 27) ( 48) ( 0) ( 14) ( 0) ( 0) ( 0) ( 21)  
 3D18 3D18 5D18 4D18 3D18 7D18 2D18 2D18 2D18 4D18  
 Rs= 0.30 0.38 0.61 0.45 0.30 Rs= 0.85 0.25 0.25 0.25 0.54  
 V( 22)= 258. Asv( 22)= 52. 2D 6 Rsv= 0.21  
 T & V( 19)= -0.1 & 215. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 49 ( 1)B\*H(mm)= 250\* 750 Lb= 6.90(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 138. 221. 226. 59. -M= -366. -29. 0. -1. -276.  
 ( 1) ( 1) ( 27) ( 48) ( 52) ( 22) ( 26) ( 1) ( 25) ( 21)  
 As= 562. 649. 1073. 806. 562. As= 1409. 469. 469. 469. 996.  
 ( 0) ( 1) ( 27) ( 48) ( 0) ( 14) ( 0) ( 0) ( 0) ( 21)  
 3D18 3D18 5D18 4D18 3D18 6D18 2D18 2D18 2D18 4D18  
 Rs= 0.30 0.35 0.57 0.43 0.30 Rs= 0.75 0.25 0.25 0.25 0.53  
 V( 22)= 242. Asv( 22)= 45. 2D 6 Rsv= 0.18  
 T & V( 71)= -0.1 & 198. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 50 ( 1)B\*H(mm)= 250\* 750 Lb= 6.90(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 128. 199. 214. 68. -M= -340. -30. 0. -10. -265.  
 ( 1) ( 47) ( 27) ( 46) ( 52) ( 22) ( 26) ( 1) ( 25) ( 21)  
 As= 562. 578. 957. 782. 562. As= 1251. 469. 469. 469. 955.  
 ( 0) ( 1) ( 27) ( 48) ( 0) ( 22) ( 0) ( 0) ( 0) ( 21)  
 3D18 3D18 4D18 3D18 3D18 5D18 2D18 2D18 2D18 4D18  
 Rs= 0.30 0.31 0.51 0.41 0.30 Rs= 0.67 0.25 0.25 0.25 0.51  
 V( 22)= 224. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 71)= -0.1 & 180. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 51 ( 1)B\*H(mm)= 250\* 750 Lb= 6.90(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 137. 223. 227. 60. -M= -362. -27. 0. -2. -278.  
 ( 1) ( 1) ( 27) ( 48) ( 52) ( 22) ( 26) ( 1) ( 25) ( 21)  
 As= 562. 646. 1081. 810. 562. As= 1363. 469. 469. 469. 1005.  
 ( 0) ( 1) ( 27) ( 48) ( 0) ( 14) ( 0) ( 0) ( 0) ( 21)  
 3D18 3D18 5D18 4D18 3D18 6D18 2D18 2D18 2D18 4D18  
 Rs= 0.30 0.34 0.58 0.43 0.30 Rs= 0.73 0.25 0.25 0.25 0.54  
 V( 22)= 241. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 72)= 0.1 & 197. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 52 ( 1)B\*H(mm)= 250\* 750 Lb= 6.90(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 142. 226. 233. 59. -M= -386. -35. 0. 0. -282.  
 ( 1) ( 1) ( 27) ( 48) ( 52) ( 22) ( 26) ( 1) ( 1) ( 21)  
 As= 562. 670. 1099. 834. 562. As= 1509. 469. 469. 469. 1022.  
 ( 0) ( 1) ( 27) ( 48) ( 0) ( 14) ( 0) ( 0) ( 0) ( 21)  
 3D18 3D18 5D18 4D18 3D18 6D18 2D18 2D18 2D18 5D18  
 Rs= 0.30 0.36 0.59 0.44 0.30 Rs= 0.80 0.25 0.25 0.25 0.54  
 V( 22)= 250. Asv( 22)= 49. 2D 6 Rsv= 0.19  
 T & V( 72)= 0.1 & 205. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 53 ( 1)B\*H(mm)= 250\* 750 Lb= 6.90(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 117. 172. 203. 82. -M= -321. -38. 0. -20. -251.  
 ( 1) ( 47) ( 48) ( 48) ( 52) ( 22) ( 26) ( 1) ( 25) ( 21)  
 As= 562. 497. 809. 720. 562. As= 1174. 469. 469. 469. 901.  
 ( 0) ( 1) ( 27) ( 48) ( 0) ( 22) ( 0) ( 0) ( 0) ( 21)  
 3D18 2D18 4D18 3D18 3D18 5D18 2D18 2D18 2D18 4D18  
 Rs= 0.30 0.27 0.43 0.38 0.30 Rs= 0.63 0.25 0.25 0.25 0.48  
 V( 22)= 209. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 71)= -0.6 & 189. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0

N-B= 54 (1) B\*H(mm)= 250\* 600 Lb= 6.00(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 77. 125. 91. 84. 32. -M= -170. -38. 0. -30. -182.  
 ( 49) ( 45) ( 45) ( 46) ( 50) ( 20) ( 24) ( 1) ( 23) ( 19)  
 As= 450. 561. 505. 375. 450. As= 777. 375. 375. 375. 838.  
 ( 0) ( 45) ( 37) ( 0) ( 0) ( 20) ( 0) ( 0) ( 0) ( 19)  
 2D18 3D18 2D18 2D18 2D18 4D18 2D18 2D18 2D18 4D18  
 Rs= 0.30 0.37 0.34 0.25 0.30 Rs= 0.52 0.25 0.25 0.25 0.56  
 V( 19)= 135. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 71)= -0.3 & 134. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 55 (1) B\*H(mm)= 250\* 600 Lb= 6.00(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 19. 78. 76. 85. 28. -M= -163. -28. 0. -23. -152.  
 ( 49) ( 45) ( 27) ( 46) ( 50) ( 20) ( 24) ( 1) ( 23) ( 19)  
 As= 450. 375. 452. 375. 450. As= 742. 375. 375. 375. 692.  
 ( 0) ( 0) ( 27) ( 0) ( 0) ( 20) ( 0) ( 0) ( 0) ( 19)  
 2D18 2D18 2D18 2D18 2D18 3D18 2D18 2D18 2D18 3D18  
 Rs= 0.30 0.25 0.30 0.25 0.30 Rs= 0.49 0.25 0.25 0.25 0.46  
 V( 20)= 122. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 72)= 0.1 & 121. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 56 (1) B\*H(mm)= 250\* 600 Lb= 4.80(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 55. 74. 46. 75. 59. -M= -153. -50. 0. -42. -141.  
 ( 49) ( 45) ( 27) ( 46) ( 50) ( 20) ( 24) ( 1) ( 23) ( 19)  
 As= 450. 375. 375. 375. 450. As= 696. 375. 375. 375. 638.  
 ( 0) ( 0) ( 0) ( 0) ( 0) ( 20) ( 0) ( 0) ( 0) ( 19)  
 2D18 2D18 2D18 2D18 2D18 3D18 2D18 2D18 2D18 3D18  
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.46 0.25 0.25 0.25 0.43  
 V( 20)= 116. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 72)= 0.1 & 116. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 57 (1) B\*H(mm)= 250\* 600 Lb= 4.80(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 59. 75. 46. 74. 55. -M= -141. -42. 0. -50. -153.  
 ( 49) ( 45) ( 27) ( 46) ( 50) ( 20) ( 24) ( 1) ( 23) ( 19)  
 As= 450. 375. 375. 375. 450. As= 638. 375. 375. 375. 695.  
 ( 0) ( 0) ( 0) ( 0) ( 0) ( 20) ( 0) ( 0) ( 0) ( 19)  
 2D18 2D18 2D18 2D18 2D18 3D18 2D18 2D18 2D18 3D18  
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.43 0.25 0.25 0.25 0.46  
 V( 19)= 116. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 71)= -0.2 & 116. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 58 (1) B\*H(mm)= 250\* 600 Lb= 6.00(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 28. 85. 76. 78. 19. -M= -152. -23. 0. -28. -163.  
 ( 49) ( 45) ( 27) ( 46) ( 50) ( 20) ( 24) ( 1) ( 23) ( 19)  
 As= 450. 375. 452. 375. 450. As= 691. 375. 375. 375. 744.  
 ( 0) ( 0) ( 27) ( 0) ( 0) ( 20) ( 0) ( 0) ( 0) ( 19)  
 2D18 2D18 2D18 2D18 2D18 3D18 2D18 2D18 2D18 3D18  
 Rs= 0.30 0.25 0.30 0.25 0.30 Rs= 0.46 0.25 0.25 0.25 0.50  
 V( 19)= 122. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 19)= 0.0 & 122. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 59 (1) B\*H(mm)= 250\* 800 Lb= 6.00(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 31. 83. 91. 126. 78. -M= -184. -31. 0. -37. -169.  
 ( 49) ( 45) ( 46) ( 46) ( 50) ( 20) ( 24) ( 1) ( 23) ( 19)

As=	450.	375.	504.	564.	450.	As=	844.	375.	375.	375.	772.
	( 0)	( 0)	( 38)	( 46)	( 0)		( 20)	( 0)	( 0)	( 0)	( 19)
	2D18	2D18	2D18	3D18	2D18		4D18	2D18	2D18	2D18	4D18
Rs=	0.30	0.25	0.34	0.38	0.30	Rs=	0.56	0.25	0.25	0.25	0.51
V( 2D)=	135.	Asv( 0)=	45.	2D 6	Rsv=	0.18					
T & V( 72)=	0.3 &	135.	Ast( 0)=	0.	0D 0	Astv =	0.	0D 0			
						Astl =	0.	0D 0			

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*                               Output of Reinforcements                               *
*                               PJ-2.00T                                           *
* -----                                                                    *
*                               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 Acs                    *
* Rsc --- Ratio of reinforcement of column(As/B*B)                             *
* Asvc(NAsvc) --- Reinforcement area of stirrups for column(mm2)              *
*                               in certain spacing                               *
* NAsvc --- Combinatorial number which controls Asvc                          *
* 0 --- Minimum reinforcement                                                  *
* Vc,Nc(x,y) --- Shear and axial force which controls Asvc                    *
* Rsvc --- Volumetric ratio of stirrups of column(Vs/Vc)                      *
* Vs --- Volume of stirrups in column                                           *
* Vc --- Volume of concrete Vc = B*B*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)                         *
* (NASH)V,Nh --- Shear and axial force which controls Ash                     *
* NASH --- 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*B)                                *
* V(NV) --- Maximum combined shear of beam                                     *
* NV --- Combinatorial number which controls V                                  *
* Asv(NAsv) --- Reinforcement area of stirrups(mm2)                           *
* NAsv --- Combinatorial number which controls Asv                             *
* 0 --- Minimum reinforcement                                                  *
* Rsv --- Ratio of stirrups of beam(Asv/B*Sb)                                  *
* T & V(NTV) --- Maximum Combined torsion and shear(kN-m)                    *
* NTV --- Combinatorial number which controls T & V                           *
* Ast(NAst) --- Longitudinal reinforcement area by torsion and shear          *
* NAST --- Combinatorial number which controls Ast                             *
* 0 --- Minimum reinforcement                                                  *
* Astv --- Reinforcement area of stirrups by torsion and shear(mm2)          *
* Astl --- Single reinforcement area of stirrups for torsion(mm2)             *

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The Coefficients of Internal force

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

No. of Floor = 2

N-C= 1 (1)B\*H(mm)= 400\* 500 Lc= 3.30(m)  
 (20) Uc = N/Ac/fc = 0.07 N = -175.  
 (22) Mx = -116. Ncx = -172.  
 (20) My = 98. Ncy = -175.  
 Ascx(22)= 465. Asc(20)= 546. Rsc= 1.01 Asvc(0)= 118.1 Rsvc= 0.60  
 2D18 3D18 5D 6

N-C= 2 (1)B\*H(mm)= 400\* 500 Lc= 3.30(m)  
 (19) Uc = N/Ac/fc = 0.07 N = -180.  
 (22) Mx = -119. Ncx = -176.  
 (19) My = -89. Ncy = -180.  
 Ascx(22)= 479. Asc(19)= 472. Rsc= 0.95 Asvc(0)= 118.1 Rsvc= 0.60  
 2D18 2D18 5D 6

N-C= 3 (1)B\*H(mm)= 400\* 500 Lc= 3.30(m)  
 (22) Uc = N/Ac/fc = 0.07 N = -177.  
 (22) Mx = -139. Ncx = -177.  
 (20) My = 78. Ncy = -175.  
 Ascx(22)= 590. Asc(20)= 399. Rsc= 0.99 Asvc(0)= 118.1 Rsvc= 0.60  
 3D18 2D18 5D 6

N-C= 4 (1)B\*H(mm)= 400\* 500 Lc= 3.30(m)  
 (22) Uc = N/Ac/fc = 0.12 N = -296.  
 (22) Mx = -193. Ncx = -296.

( 1) My = -3. Ncy = -308.  
Ascx(22)= 766. Ascyl( 1)= 350. Rsc= 1.12 Asvc( 0)= 118.1 Rsvc= 0.60  
4D18 2D18 5D 6

N-C= 5 ( 1)B\*H(mm)= 400\* 500 Lc= 3.30(m)  
(22) Uc = N/Ac/fc = 0.10 N = -261.

(22) Mx = -191. Ncx = -261.  
( 1) My = -8. Ncy = -267.  
Ascx(22)= 792. Ascyl( 1)= 350. Rsc= 1.14 Asvc( 0)= 118.1 Rsvc= 0.60  
4D18 2D18 5D 6

N-C= 6 ( 1)B\*H(mm)= 400\* 500 Lc= 3.30(m)  
(22) Uc = N/Ac/fc = 0.09 N = -233.

(22) Mx = -176. Ncx = -233.  
( 1) My = 0. Ncy = -236.  
Ascx(22)= 740. Ascyl( 1)= 350. Rsc= 1.09 Asvc( 0)= 118.1 Rsvc= 0.60  
3D18 2D18 5D 6

N-C= 7 ( 1)B\*H(mm)= 400\* 500 Lc= 3.30(m)  
(22) Uc = N/Ac/fc = 0.10 N = -262.

(22) Mx = -188. Ncx = -262.  
( 1) My = 11. Ncy = -268.  
Ascx(22)= 772. Ascyl( 1)= 350. Rsc= 1.12 Asvc( 0)= 118.1 Rsvc= 0.60  
4D18 2D18 5D 6

N-C= 8 ( 1)B\*H(mm)= 400\* 500 Lc= 3.30(m)  
(21) Uc = N/Ac/fc = 0.17 N = -427.

Ascxl( 0)= 350. Ascyl( 0)= 350. Rsc= 0.70 Asvc( 0)= 118.1 Rsvc= 0.60  
2D18 2D18 5D 6

N-C= 9 ( 1)B\*H(mm)= 400\* 500 Lc= 3.30(m)  
(19) Uc = N/Ac/fc = 0.12 N = -304.

Ascxl( 0)= 350. Ascyl( 0)= 350. Rsc= 0.70 Asvc( 0)= 118.1 Rsvc= 0.60  
2D18 2D18 5D 6

N-C= 10 ( 1)B\*H(mm)= 400\* 500 Lc= 3.30(m)  
(20) Uc = N/Ac/fc = 0.14 N = -340.

Ascxl( 0)= 350. Ascyl( 0)= 350. Rsc= 0.70 Asvc( 0)= 118.1 Rsvc= 0.60  
2D18 2D18 5D 6

N-C= 11 ( 1)B\*H(mm)= 400\* 500 Lc= 3.30(m)  
(19) Uc = N/Ac/fc = 0.22 N = -551.

Ascxl( 0)= 350. Ascyl( 0)= 350. Rsc= 0.70 Asvc( 0)= 118.1 Rsvc= 0.60  
2D18 2D18 5D 6

N-C= 12 ( 1)B\*H(mm)= 400\* 500 Lc= 3.30(m)  
(20) Uc = N/Ac/fc = 0.19 N = -481.

Ascxl( 0)= 350. Ascyl( 0)= 350. Rsc= 0.70 Asvc( 0)= 118.1 Rsvc= 0.60  
2D18 2D18 5D 6

N-C= 13 ( 1)B\*H(mm)= 400\* 500 Lc= 3.30(m)  
(21) Uc = N/Ac/fc = 0.17 N = -430.

Ascxl( 0)= 350. Ascyl( 0)= 350. Rsc= 0.70 Asvc( 0)= 118.1 Rsvc= 0.60  
2D18 2D18 5D 6

N-C= 14 ( 1)B\*H(mm)= 400\* 500 Lc= 3.30(m)  
(19) Uc = N/Ac/fc = 0.19 N = -485.

Ascxl( 0)= 350. Ascyl( 0)= 350. Rsc= 0.70 Asvc( 0)= 118.1 Rsvc= 0.60  
2D18 2D18 5D 6

N-C= 15 ( 1)B\*H(mm)= 400\* 500 Lc= 3.30(m)  
(20) Uc = N/Ac/fc = 0.21 N = -534.

Ascxl( 0)= 350. Ascyl( 0)= 350. Rsc= 0.70 Asvc( 0)= 118.1 Rsvc= 0.60  
2D18 2D18 5D 6

N-C= 16 ( 1)B\*H(mm)= 400\* 500 Lc= 3.30(m)

(19) Uc = N/Ac/fc = 0.13 N = -325.  
 ( 1) Mx = -13. Ncx = -341.  
 (19) My = -93. Ncy = -325.  
 Ascx( 1)= 350. Asc(19)= 356. Rsc= 0.71 Asvc( 0)= 118.1 Rsvc= 0.60  
 2D18 2D18 5D 6

N-C= 17 ( 1)B\*H(mm)= 400\* 500 Lc= 3.30(m)  
 (21) Uc = N/Ac/fc = 0.07 N = -182.  
 (21) Mx = 142. Ncx = -182.  
 (20) My = 75. Ncy = -178.  
 Ascx(21)= 605. Asc(20)= 369. Rsc= 0.97 Asvc( 0)= 118.1 Rsvc= 0.60  
 3D18 2D18 5D 6

N-C= 18 ( 1)B\*H(mm)= 400\* 500 Lc= 3.30(m)  
 (21) Uc = N/Ac/fc = 0.12 N = -295.  
 (21) Mx = 187. Ncx = -295.  
 ( 1) My = -4. Ncy = -306.  
 Ascx(21)= 735. Asc( 1)= 350. Rsc= 1.09 Asvc( 0)= 118.1 Rsvc= 0.60  
 3D18 2D18 5D 6

N-C= 19 ( 1)B\*H(mm)= 400\* 500 Lc= 3.30(m)  
 (21) Uc = N/Ac/fc = 0.10 N = -261.  
 (21) Mx = 174. Ncx = -261.  
 ( 1) My = -9. Ncy = -270.  
 Ascx(21)= 694. Asc( 1)= 350. Rsc= 1.04 Asvc( 0)= 118.1 Rsvc= 0.60  
 3D18 2D18 5D 6

N-C= 20 ( 1)B\*H(mm)= 400\* 500 Lc= 3.30(m)  
 (21) Uc = N/Ac/fc = 0.09 N = -233.  
 (21) Mx = 160. Ncx = -233.  
 ( 1) My = 0. Ncy = -240.  
 Ascx(21)= 650. Asc( 1)= 350. Rsc= 1.00 Asvc( 0)= 118.1 Rsvc= 0.60  
 3D18 2D18 5D 6

N-C= 21 ( 1)B\*B(mm)= 400\* 500 Lc= 3.30(m)  
 (21) Uc = N/Ac/fc = 0.10 N = -261.  
 (21) Mx = 172. Ncx = -261.  
 ( 1) My = 8. Ncy = -270.  
 Ascx(21)= 687. Asc( 1)= 350. Rsc= 1.04 Asvc( 0)= 118.1 Rsvc= 0.60  
 3D18 2D18 5D 6

N-C= 22 ( 1)B\*H(mm)= 400\* 500 Lc= 3.30(m)  
 (21) Uc = N/Ac/fc = 0.12 N = -296.  
 (21) Mx = 185. Ncx = -296.  
 ( 1) My = 4. Ncy = -308.  
 Ascx(21)= 724. Asc( 1)= 350. Rsc= 1.07 Asvc( 0)= 118.1 Rsvc= 0.60  
 3D18 2D18 5D 6

N-C= 23 ( 1)B\*H(mm)= 400\* 500 Lc= 3.30(m)  
 (21) Uc = N/Ac/fc = 0.07 N = -182.  
 (21) Mx = 138. Ncx = -182.  
 (19) My = -75. Ncy = -180.  
 Ascx(21)= 579. Asc(19)= 369. Rsc= 0.95 Asvc( 0)= 118.1 Rsvc= 0.60  
 3D18 2D18 5D 6

N-B= 1 ( 1)B\*H(mm)= 250\* 600 Lb= 6.00(m)  
 -1- -1- -2- -3- -J- -1- -1- -2- -3- -J-  
 +M= 39. 93. 90. 87. 36. -M= -86. 0. 0. 0. -71.  
 ( 49) ( 45) ( 27) ( 46) ( 50) ( 72) ( 1) ( 1) ( 1) ( 71)  
 As= 600. 500. 500. 500. 600. As= 600. 500. 500. 500. 600.  
 ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0)  
 3D18 2D18 2D18 2D18 3D18 3D18 2D18 2D18 2D18 2D18 3D18  
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.30 0.25 0.25 0.25 0.30  
 V( 20)= 83. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 53)= 0.2 & 63. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Astl = 0. 0D 0

N-B= 2 (1) B\*H(mm)= 250\* 750 Lb= 6.00(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 17. 106. 114. 72. 0. -M= -90. 0. 0. -16. -195.  
 ( 51) ( 47) ( 27) ( 1) ( 1) ( 74) ( 1) ( 1) ( 25) ( 21)  
 As= 562. 469. 531. 469. 562. As= 562. 469. 469. 469. 821.  
 ( 0) ( 0) ( 27) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 13)  
 3D18 2D18 3D18 2D18 3D18 3D18 2D18 2D18 2D18 4D18  
 Rs= 0.30 0.25 0.28 0.25 0.30 Rs= 0.30 0.25 0.25 0.25 0.44  
 V( 21)= 147. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 71)= 0.7 & 129. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Astl = 0. 0D 0

N-B= 3 (1) B\*H(mm)= 250\* 750 Lb= 6.00(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 12. 109. 125. 72. 0. -M= -93. 0. 0. 0. -166.  
 ( 51) ( 47) ( 27) ( 1) ( 1) ( 74) ( 1) ( 1) ( 1) ( 21)  
 As= 562. 469. 587. 469. 562. As= 562. 469. 469. 469. 659.  
 ( 0) ( 0) ( 27) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 13)  
 3D18 2D18 3D18 2D18 3D18 3D18 2D18 2D18 2D18 3D18  
 Rs= 0.30 0.25 0.31 0.25 0.30 Rs= 0.30 0.25 0.25 0.25 0.35  
 V( 21)= 140. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 72)= 0.7 & 124. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Astl = 0. 0D 0

N-B= 4 (1) B\*H(mm)= 250\* 600 Lb= 6.00(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 11. 62. 67. 37. 0. -M= -53. 0. 0. 0. -87.  
 ( 49) ( 45) ( 27) ( 46) ( 1) ( 20) ( 1) ( 1) ( 1) ( 19)  
 As= 450. 375. 393. 375. 450. As= 450. 375. 375. 375. 450.  
 ( 0) ( 0) ( 27) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0)  
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18  
 Rs= 0.30 0.25 0.26 0.25 0.30 Rs= 0.30 0.25 0.25 0.25 0.30  
 V( 19)= 77. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 53)= 0.7 & 88. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Astl = 0. 0D 0

N-B= 5 (1) B\*H(mm)= 250\* 600 Lb= 6.00(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 36. 55. 40. 0. -M= -84. -3. 0. 0. -70.  
 ( 1) ( 1) ( 27) ( 46) ( 1) ( 20) ( 24) ( 1) ( 1) ( 19)  
 As= 450. 375. 375. 375. 450. As= 450. 375. 375. 375. 450.  
 ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0)  
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18  
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.30 0.25 0.25 0.25 0.30  
 V( 20)= 72. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 74)= -0.4 & 62. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Astl = 0. 0D 0

N-B= 6 (1) B\*H(mm)= 250\* 600 Lb= 4.80(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 26. 33. 30. 5. -M= -68. -12. 0. -7. -59.  
 ( 1) ( 45) ( 27) ( 46) ( 50) ( 20) ( 24) ( 1) ( 23) ( 19)  
 As= 450. 375. 375. 375. 450. As= 450. 375. 375. 375. 450.  
 ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0)  
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18  
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.30 0.25 0.25 0.25 0.30  
 V( 20)= 62. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 71)= -0.2 & 56. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Astl = 0. 0D 0

N-B= 7 (1) B\*H(mm)= 250\* 600 Lb= 4.80(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 5. 30. 33. 26. 0. -M= -59. -7. 0. -12. -68.  
 ( 49) ( 45) ( 27) ( 46) ( 1) ( 20) ( 24) ( 1) ( 23) ( 19)  
 As= 450. 375. 375. 375. 450. As= 450. 375. 375. 375. 450.



( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0)  
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18  
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.30 0.25 0.25 0.25 0.30  
 V( 19)= 62. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 66)= 0.2 & 49. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 8 ( 1)B\*H(mm)= 250\* 600 Lb= 6.00(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 39. 55. 36. 0. -M= -72. 0. 0. -3. -84.  
 ( 1) ( 45) ( 27) ( 1) ( 1) ( 20) ( 1) ( 1) ( 23) ( 19)  
 As= 450. 375. 375. 375. 450. As= 450. 375. 375. 375. 450.  
 ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0)  
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18  
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.30 0.25 0.25 0.25 0.30  
 V( 19)= 72. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 73)= -1.3 & 62. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 9 ( 1)B\*H(mm)= 250\* 600 Lb= 6.00(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 39. 75. 66. 14. -M= -90. 0. 0. 0. -52.  
 ( 1) ( 45) ( 27) ( 46) ( 50) ( 20) ( 1) ( 1) ( 1) ( 71)  
 As= 450. 375. 443. 375. 450. As= 450. 375. 375. 375. 450.  
 ( 0) ( 0) ( 27) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0)  
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18  
 Rs= 0.30 0.25 0.30 0.25 0.30 Rs= 0.30 0.25 0.25 0.25 0.30  
 V( 20)= 78. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 53)= -0.6 & 71. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 10 ( 1)B\*H(mm)= 250\* 750 Lb= 4.80(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 3. 92. 169. 154. 108. -M= -108. 0. 0. 0. 0.  
 ( 51) ( 47) ( 47) ( 27) ( 48) ( 22) ( 1) ( 1) ( 1) ( 1)  
 As= 562. 469. 784. 729. 562. As= 562. 469. 469. 469. 562.  
 ( 0) ( 0) ( 27) ( 27) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0)  
 3D18 2D18 4D18 3D18 3D18 3D18 2D18 2D18 2D18 3D18  
 Rs= 0.30 0.25 0.42 0.39 0.30 Rs= 0.30 0.25 0.25 0.25 0.30  
 V( 22)= 114. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 72)= -3.0 & 101. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 11 ( 1)B\*H(mm)= 250\* 750 Lb= 4.80(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 116. 274. 262. 200. -M= -145. 0. 0. 0. 0.  
 ( 1) ( 47) ( 27) ( 27) ( 27) ( 74) ( 1) ( 1) ( 1) ( 1)  
 As= 562. 469. 1354. 1288. 964. As= 562. 469. 469. 469. 562.  
 ( 0) ( 0) ( 27) ( 27) ( 27) ( 0) ( 0) ( 0) ( 0) ( 0)  
 3D18 2D18 6D18 6D18 4D18 3D18 2D18 2D18 2D18 3D18  
 Rs= 0.30 0.25 0.72 0.69 0.51 Rs= 0.30 0.25 0.25 0.25 0.30  
 V( 22)= 161. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 71)= 0.9 & 146. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 12 ( 1)B\*H(mm)= 250\* 750 Lb= 4.80(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 118. 242. 228. 168. -M= -146. 0. 0. 0. 0.  
 ( 1) ( 47) ( 47) ( 27) ( 27) ( 22) ( 1) ( 1) ( 1) ( 1)  
 As= 562. 469. 1181. 1109. 800. As= 562. 469. 469. 469. 562.  
 ( 0) ( 0) ( 27) ( 27) ( 27) ( 0) ( 0) ( 0) ( 0) ( 0)  
 3D18 2D18 5D18 5D18 4D18 3D18 2D18 2D18 2D18 3D18  
 Rs= 0.30 0.25 0.63 0.59 0.43 Rs= 0.30 0.25 0.25 0.25 0.30  
 V( 22)= 148. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 71)= 0.9 & 131. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 13 (1) B\*H(mm)= 250\* 750 Lb= 4.80(m)

	-I-	-1-	-2-	-3-	-J-		-I-	-1-	-2-	-3-	-J-
+M=	2.	112.	220.	205.	149.	-M=	-137.	0.	0.	0.	0.
	( 51)	( 47)	( 47)	( 27)	( 27)		( 22)	( 26)	( 1)	( 1)	( 1)
As=	562.	469.	1046.	987.	705.	As=	562.	469.	469.	469.	562.
	( 0)	( 0)	( 27)	( 27)	( 27)		( 0)	( 0)	( 0)	( 0)	( 0)
	3D18	2D18	5D18	4D18	3D18		3D18	2D18	2D18	2D18	3D18
Rs=	0.30	0.25	0.56	0.53	0.38	Rs=	0.30	0.25	0.25	0.25	0.30
V( 22)=	137.	Asv( 0)=	45.	2D 6	Rsv=	0.18					
T & V( 72)=	-0.5 &	120.	Ast( 0)=	0.	0D 0	Astv =	0.	0D 0			
						Ast1 =	0.	0D 0			

N-B= 14 (1) B\*H(mm)= 250\* 750 Lb= 4.80(m)

	-I-	-1-	-2-	-3-	-J-		-I-	-1-	-2-	-3-	-J-
+M=	0.	116.	240.	227.	167.	-M=	-146.	0.	0.	0.	0.
	( 1)	( 47)	( 27)	( 27)	( 27)		( 22)	( 1)	( 1)	( 1)	( 1)
As=	562.	469.	1173.	1103.	796.	As=	562.	469.	469.	469.	562.
	( 0)	( 0)	( 27)	( 27)	( 27)		( 0)	( 0)	( 0)	( 0)	( 0)
	3D18	2D18	5D18	5D18	4D18		3D18	2D18	2D18	2D18	3D18
Rs=	0.30	0.25	0.63	0.59	0.42	Rs=	0.30	0.25	0.25	0.25	0.30
V( 22)=	148.	Asv( 0)=	45.	2D 6	Rsv=	0.18					
T & V( 72)=	-0.8 &	131.	Ast( 0)=	0.	0D 0	Astv =	0.	0D 0			
						Ast1 =	0.	0D 0			

N-B= 15 (1) B\*H(mm)= 250\* 750 Lb= 4.80(m)

	-I-	-1-	-2-	-3-	-J-		-I-	-1-	-2-	-3-	-J-
+M=	0.	55.	224.	234.	195.	-M=	-211.	-26.	0.	0.	0.
	( 1)	( 1)	( 27)	( 27)	( 27)		( 22)	( 26)	( 1)	( 1)	( 1)
As=	562.	469.	1087.	1141.	937.	As=	943.	469.	469.	469.	562.
	( 0)	( 0)	( 27)	( 27)	( 27)		( 1)	( 0)	( 0)	( 0)	( 0)
	3D18	2D18	5D18	5D18	4D18		4D18	2D18	2D18	2D18	3D18
Rs=	0.30	0.25	0.58	0.61	0.50	Rs=	0.50	0.25	0.25	0.25	0.30
V( 1)=	177.	Asv( 0)=	45.	2D 6	Rsv=	0.18					
T & V( 72)=	-0.7 &	163.	Ast( 0)=	0.	0D 0	Astv =	0.	0D 0			
						Ast1 =	0.	0D 0			

N-B= 16 (1) B\*H(mm)= 250\* 750 Lb= 4.80(m)

	-I-	-1-	-2-	-3-	-J-		-I-	-1-	-2-	-3-	-J-
+M=	0.	38.	123.	130.	101.	-M=	-160.	-35.	0.	0.	0.
	( 1)	( 1)	( 27)	( 27)	( 48)		( 22)	( 22)	( 1)	( 1)	( 1)
As=	562.	469.	577.	608.	562.	As=	649.	469.	469.	469.	562.
	( 0)	( 0)	( 27)	( 27)	( 0)		( 14)	( 0)	( 0)	( 0)	( 0)
	3D18	2D18	3D18	3D18	3D18		3D18	2D18	2D18	2D18	3D18
Rs=	0.30	0.25	0.31	0.32	0.30	Rs=	0.35	0.25	0.25	0.25	0.30
V( 22)=	126.	Asv( 0)=	45.	2D 6	Rsv=	0.18					
T & V( 71)=	2.8 &	114.	Ast( 0)=	0.	0D 0	Astv =	0.	0D 0			
						Ast1 =	0.	0D 0			

N-B= 17 (1) B\*H(mm)= 250\* 750 Lb= 2.10(m)

	-I-	-1-	-2-	-3-	-J-		-I-	-1-	-2-	-3-	-J-
+M=	107.	54.	5.	4.	0.	-M=	0.	-9.	-76.	-156.	-202.
	( 48)	( 48)	( 1)	( 1)	( 1)		( 1)	( 25)	( 21)	( 21)	( 21)
As=	562.	469.	469.	469.	562.	As=	562.	469.	469.	609.	853.
	( 0)	( 0)	( 0)	( 0)	( 0)		( 0)	( 0)	( 0)	( 13)	( 13)
	3D18	2D18	2D18	2D18	3D18		3D18	2D18	2D18	3D18	4D18
Rs=	0.30	0.25	0.25	0.25	0.30	Rs=	0.30	0.25	0.25	0.32	0.45
V( 21)=	150.	Asv( 0)=	45.	2D 6	Rsv=	0.18					
T & V( 76)=	5.1 &	113.	Ast( 0)=	285.	2D18	Astv =	46.	2D 6			
						Ast1 =	0.	0D 0			

N-B= 18 (1) B\*H(mm)= 250\* 500 Lb= 6.07(m)

	-I-	-1-	-2-	-3-	-J-		-I-	-1-	-2-	-3-	-J-
+M=	0.	56.	74.	40.	0.	-M=	-28.	0.	0.	0.	-105.
	( 1)	( 27)	( 27)	( 1)	( 1)		( 20)	( 1)	( 1)	( 1)	( 1)
As=	375.	407.	542.	312.	375.	As=	375.	312.	312.	312.	793.

( 0) ( 27) ( 27) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 1)  
 2D18 2D18 3D18 2D18 2D18 2D18 2D18 2D18 2D18 4D18  
 Rs= 0.30 0.33 0.43 0.25 0.30 Rs= 0.30 0.25 0.25 0.25 0.63  
 V( 1)= 75. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 53)= -0.5 & 74. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 19 ( 1)B\*H(mm)= 250\* 750 Lb= 2.10(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 203. 89. 5. 4. 0. -M= 0. 0. -96. -225. -302.  
 ( 27) ( 48) ( 1) ( 1) ( 1) ( 1) ( 1) ( 21) ( 21) ( 21)  
 As= 976. 469. 469. 469. 562. As= 562. 469. 469. 998. 1446.  
 ( 27) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 13) ( 1)  
 4D18 2D18 2D18 2D18 3D18 3D18 2D18 2D18 4D18 6D18  
 Rs= 0.52 0.25 0.25 0.25 0.30 Rs= 0.30 0.25 0.25 0.53 0.77  
 V( 1)= 235. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 71)= -1.9 & 221. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 20 ( 1)B\*H(mm)= 250\* 500 Lb= 6.00(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 39. 52. 39. 0. -M= -103. -5. 0. 0. -78.  
 ( 1) ( 1) ( 1) ( 1) ( 1) ( 1) ( 2) ( 1) ( 1) ( 1)  
 As= 375. 312. 376. 312. 375. As= 774. 312. 312. 312. 573.  
 ( 0) ( 0) ( 1) ( 0) ( 0) ( 1) ( 0) ( 0) ( 0) ( 1)  
 2D18 2D18 2D18 2D18 2D18 4D18 2D18 2D18 2D18 3D18  
 Rs= 0.30 0.25 0.30 0.25 0.30 Rs= 0.62 0.25 0.25 0.25 0.46  
 V( 1)= 69. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 74)= 0.2 & 63. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 21 ( 1)B\*H(mm)= 250\* 750 Lb= 2.10(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 169. 75. 5. 4. 0. -M= 0. 0. -93. -207. -273.  
 ( 27) ( 48) ( 1) ( 1) ( 1) ( 1) ( 1) ( 21) ( 21) ( 21)  
 As= 802. 469. 469. 469. 562. As= 562. 469. 469. 882. 1258.  
 ( 27) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 13) ( 13)  
 4D18 2D18 2D18 2D18 3D18 3D18 2D18 2D18 4D18 5D18  
 Rs= 0.43 0.25 0.25 0.25 0.30 Rs= 0.30 0.25 0.25 0.47 0.67  
 V( 21)= 208. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 71)= -2.0 & 191. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 22 ( 1)B\*H(mm)= 250\* 500 Lb= 4.80(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 24. 33. 24. 0. -M= -73. -12. 0. -5. -59.  
 ( 1) ( 1) ( 1) ( 1) ( 1) ( 1) ( 1) ( 1) ( 2) ( 1)  
 As= 375. 312. 312. 312. 375. As= 538. 312. 312. 312. 427.  
 ( 0) ( 0) ( 0) ( 0) ( 0) ( 1) ( 0) ( 0) ( 0) ( 1)  
 2D18 2D18 2D18 2D18 2D18 3D18 2D18 2D18 2D18 2D18  
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.43 0.25 0.25 0.25 0.34  
 V( 1)= 54. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 53)= 0.1 & 51. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 23 ( 1)B\*H(mm)= 250\* 750 Lb= 2.10(m)  
 -I- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 149. 69. 5. 4. 0. -M= 0. -1. -87. -189. -249.  
 ( 27) ( 48) ( 1) ( 1) ( 1) ( 1) ( 25) ( 21) ( 21) ( 21)  
 As= 703. 469. 469. 469. 562. As= 562. 469. 469. 788. 1121.  
 ( 27) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 13) ( 13)  
 3D18 2D18 2D18 2D18 3D18 3D18 2D18 2D18 4D18 5D18  
 Rs= 0.38 0.25 0.25 0.25 0.30 Rs= 0.30 0.25 0.25 0.42 0.60  
 V( 21)= 189. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 72)= 1.1 & 171. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 24 (1) B\*H(mm)= 250\* 500 Lb= 4.80(m)

	-1-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-	
+M=	0.	25.	33.	24.	0.	-M=	-59.	-4.	0.	-10.	-73.
	( 1)	( 1)	( 1)	( 1)	( 1)		( 1)	( 2)	( 1)	( 1)	( 1)
As=	375.	312.	312.	312.	375.	As=	430.	312.	312.	312.	531.
	( 0)	( 0)	( 0)	( 0)	( 0)		( 1)	( 0)	( 0)	( 0)	( 1)
	2D18	2D18	2D18	2D18	2D18		2D18	2D18	2D18	2D18	3D18
Rs=	0.30	0.25	0.25	0.25	0.30	Rs=	0.34	0.25	0.25	0.25	0.42
V( 1)=	54.	Asv( 0)=	45.	2D 6	Rsv=	0.18					
T & V( 53)=	-0.1 &	51.	Ast( 0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

N-B= 25 (1) B\*H(mm)= 250\* 750 Lb= 2.10(m)

	-1-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-	
+M=	168.	75.	5.	4.	0.	-M=	0.	0.	-92.	-205.	-271.
	( 27)	( 48)	( 1)	( 1)	( 1)		( 1)	( 1)	( 21)	( 21)	( 21)
As=	801.	469.	469.	469.	562.	As=	562.	469.	469.	876.	1251.
	( 27)	( 0)	( 0)	( 0)	( 0)		( 0)	( 0)	( 0)	( 13)	( 1)
	4D18	2D18	2D18	2D18	3D18		3D18	2D18	2D18	4D18	5D18
Rs=	0.43	0.25	0.25	0.25	0.30	Rs=	0.30	0.25	0.25	0.47	0.67
V( 21)=	207.	Asv( 0)=	45.	2D 6	Rsv=	0.18					
T & V( 72)=	1.9 &	190.	Ast( 0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

N-B= 26 (1) B\*H(mm)= 250\* 500 Lb= 6.00(m)

	-1-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-	
+M=	0.	39.	53.	39.	0.	-M=	-76.	0.	0.	-8.	-107.
	( 1)	( 1)	( 1)	( 1)	( 1)		( 1)	( 1)	( 1)	( 2)	( 1)
As=	375.	312.	381.	312.	375.	As=	560.	312.	312.	312.	806.
	( 0)	( 0)	( 1)	( 0)	( 0)		( 1)	( 0)	( 0)	( 0)	( 1)
	2D18	2D18	2D18	2D18	2D18		3D18	2D18	2D18	2D18	4D18
Rs=	0.30	0.25	0.31	0.25	0.30	Rs=	0.45	0.25	0.25	0.25	0.64
V( 1)=	70.	Asv( 0)=	45.	2D 6	Rsv=	0.18					
T & V( 21)=	0.1 &	65.	Ast( 0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

N-B= 27 (1) B\*H(mm)= 250\* 750 Lb= 2.10(m)

	-1-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-	
+M=	197.	90.	5.	4.	0.	-M=	0.	0.	-84.	-204.	-276.
	( 27)	( 48)	( 1)	( 1)	( 1)		( 1)	( 1)	( 21)	( 21)	( 21)
As=	944.	469.	469.	469.	562.	As=	562.	469.	469.	894.	1322.
	( 27)	( 0)	( 0)	( 0)	( 0)		( 0)	( 0)	( 0)	( 13)	( 1)
	4D18	2D18	2D18	2D18	3D18		3D18	2D18	2D18	4D18	6D18
Rs=	0.50	0.25	0.25	0.25	0.30	Rs=	0.30	0.25	0.25	0.48	0.70
V( 1)=	220.	Asv( 0)=	45.	2D 6	Rsv=	0.18					
T & V( 72)=	1.7 &	206.	Ast( 0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

N-B= 28 (1) B\*H(mm)= 250\* 500 Lb= 6.07(m)

	-1-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-	
+M=	0.	40.	73.	56.	0.	-M=	-108.	0.	0.	0.	-27.
	( 1)	( 1)	( 27)	( 27)	( 1)		( 1)	( 1)	( 1)	( 1)	( 19)
As=	375.	312.	537.	408.	375.	As=	814.	312.	312.	312.	375.
	( 0)	( 0)	( 27)	( 27)	( 0)		( 1)	( 0)	( 0)	( 0)	( 0)
	2D18	2D18	3D18	2D18	2D18		4D18	2D18	2D18	2D18	2D18
Rs=	0.30	0.25	0.43	0.33	0.30	Rs=	0.65	0.25	0.25	0.25	0.30
V( 1)=	76.	Asv( 0)=	45.	2D 6	Rsv=	0.18					
T & V( 53)=	0.5 &	75.	Ast( 0)=	0.	OD 0	Astv =	0.	OD 0			
						Ast1 =	0.	OD 0			

N-B= 29 (1) B\*H(mm)= 250\* 750 Lb= 2.10(m)

	-1-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-	
+M=	100.	53.	7.	4.	0.	-M=	0.	-7.	-65.	-136.	-178.
	( 48)	( 48)	( 52)	( 1)	( 1)		( 1)	( 25)	( 21)	( 21)	( 21)
As=	562.	469.	469.	469.	562.	As=	562.	469.	469.	520.	742.

( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 13)	( 13)
3D18	2D18	2D18	2D18	3D18	3D18	2D18	2D18	3D18	3D18	3D18
Rs= 0.30	0.25	0.25	0.25	0.30	Rs= 0.30	0.25	0.25	0.28	0.40	
V( 21)=	133.	Asv( 0)=	45.	2D 6	Rsv= 0.18					
T & V( 75)=	-5.1 &	101.	Ast( 0)=	354.	2D18	Astv =	50.	2D 6		
						Ast1 =	0.	0D 0		

N-B= 30 ( 1)B*H(mm)=	250*	600	Lb=	6.00(m)						
-I-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-	
+M=	17.	69.	77.	39.	0.	-M=	-49.	0.	0.	-92.
	( 49)	( 45)	( 27)	( 46)	( 1)		( 20)	( 1)	( 1)	( 19)
As=	450.	375.	456.	375.	450.	As=	450.	375.	375.	375.
	( 0)	( 0)	( 27)	( 0)	( 0)		( 0)	( 0)	( 0)	( 0)
	2D18	2D18	2D18	2D18	2D18		2D18	2D18	2D18	2D18
Rs=	0.30	0.25	0.30	0.25	0.30	Rs=	0.30	0.25	0.25	0.25
V( 19)=	80.	Asv( 0)=	45.	2D 6	Rsv= 0.18					
T & V( 65)=	-0.1 &	72.	Ast( 0)=	0.	0D 0	Astv =	0.	0D 0		
						Ast1 =	0.	0D 0		

N-B= 31 ( 1)B*H(mm)=	250*	600	Lb=	6.00(m)						
-I-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-	
+M=	0.	39.	61.	42.	0.	-M=	-88.	-4.	0.	-73.
	( 1)	( 1)	( 27)	( 46)	( 1)		( 20)	( 24)	( 1)	( 1)
As=	450.	375.	375.	375.	450.	As=	450.	375.	375.	375.
	( 0)	( 0)	( 0)	( 0)	( 0)		( 0)	( 0)	( 0)	( 0)
	2D18	2D18	2D18	2D18	2D18		2D18	2D18	2D18	2D18
Rs=	0.30	0.25	0.25	0.25	0.30	Rs=	0.30	0.25	0.25	0.25
V( 20)=	73.	Asv( 0)=	45.	2D 6	Rsv= 0.18					
T & V( 74)=	0.1 &	64.	Ast( 0)=	0.	0D 0	Astv =	0.	0D 0		
						Ast1 =	0.	0D 0		

N-B= 32 ( 1)B*H(mm)=	250*	600	Lb=	4.80(m)						
-I-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-	
+M=	0.	27.	37.	31.	5.	-M=	-70.	-13.	0.	-8.
	( 1)	( 45)	( 27)	( 46)	( 50)		( 20)	( 24)	( 1)	( 23)
As=	450.	375.	375.	375.	450.	As=	450.	375.	375.	375.
	( 0)	( 0)	( 0)	( 0)	( 0)		( 0)	( 0)	( 0)	( 0)
	2D18	2D18	2D18	2D18	2D18		2D18	2D18	2D18	2D18
Rs=	0.30	0.25	0.25	0.25	0.30	Rs=	0.30	0.25	0.25	0.25
V( 20)=	62.	Asv( 0)=	45.	2D 6	Rsv= 0.18					
T & V( 22)=	0.0 &	49.	Ast( 0)=	0.	0D 0	Astv =	0.	0D 0		
						Ast1 =	0.	0D 0		

N-B= 33 ( 1)B*H(mm)=	250*	600	Lb=	4.80(m)						
-I-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-	
+M=	5.	31.	37.	27.	0.	-M=	-61.	-8.	0.	-13.
	( 49)	( 45)	( 27)	( 46)	( 1)		( 20)	( 24)	( 1)	( 23)
As=	450.	375.	375.	375.	450.	As=	450.	375.	375.	375.
	( 0)	( 0)	( 0)	( 0)	( 0)		( 0)	( 0)	( 0)	( 0)
	2D18	2D18	2D18	2D18	2D18		2D18	2D18	2D18	2D18
Rs=	0.30	0.25	0.25	0.25	0.30	Rs=	0.30	0.25	0.25	0.25
V( 19)=	62.	Asv( 0)=	45.	2D 6	Rsv= 0.18					
T & V( 53)=	0.0 &	51.	Ast( 0)=	0.	0D 0	Astv =	0.	0D 0		
						Ast1 =	0.	0D 0		

N-B= 34 ( 1)B*H(mm)=	250*	600	Lb=	6.00(m)						
-I-	-1-	-2-	-3-	-J-	-I-	-1-	-2-	-3-	-J-	
+M=	0.	42.	62.	39.	0.	-M=	-72.	0.	0.	-4.
	( 1)	( 45)	( 27)	( 1)	( 1)		( 20)	( 1)	( 1)	( 23)
As=	450.	375.	375.	375.	450.	As=	450.	375.	375.	375.
	( 0)	( 0)	( 0)	( 0)	( 0)		( 0)	( 0)	( 0)	( 0)
	2D18	2D18	2D18	2D18	2D18		2D18	2D18	2D18	2D18
Rs=	0.30	0.25	0.25	0.25	0.30	Rs=	0.30	0.25	0.25	0.25
V( 19)=	73.	Asv( 0)=	45.	2D 6	Rsv= 0.18					
T & V( 73)=	0.1 &	63.	Ast( 0)=	0.	0D 0	Astv =	0.	0D 0		
						Ast1 =	0.	0D 0		

N-B= 35 (1)B\*H(mm)= 250\* 600 Lb= 6.00(m)  
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 39. 77. 69. 17. -M= -92. 0. 0. 0. -50.  
 ( 1) ( 45) ( 27) ( 46) ( 50) ( 20) ( 1) ( 1) ( 1) ( 19)  
 As= 450. 375. 454. 375. 450. As= 450. 375. 375. 375. 450.  
 ( 0) ( 0) ( 27) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0)  
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18  
 Rs= 0.30 0.25 0.30 0.25 0.30 Rs= 0.30 0.25 0.25 0.25 0.30  
 V( 20)= 80. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 72)= 0.1 & 79. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 36 (1)B\*H(mm)= 250\* 750 Lb= 6.90(m)  
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 93. 162. 136. 0. -M= -203. 0. 0. 0. -112.  
 ( 1) ( 1) ( 27) ( 48) ( 1) ( 22) ( 1) ( 1) ( 1) ( 21)  
 As= 562. 469. 769. 557. 562. As= 859. 469. 469. 469. 562.  
 ( 0) ( 0) ( 27) ( 40) ( 0) ( 14) ( 0) ( 0) ( 0) ( 0)  
 3D18 2D18 4D18 3D18 3D18 4D18 2D18 2D18 2D18 3D18  
 Rs= 0.30 0.25 0.41 0.30 0.30 Rs= 0.46 0.25 0.25 0.25 0.30  
 V( 22)= 153. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 53)= 0.4 & 143. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 37 (1)B\*H(mm)= 250\* 750 Lb= 6.90(m)  
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 143. 249. 190. 0. -M= -294. 0. 0. 0. -141.  
 ( 1) ( 1) ( 27) ( 48) ( 1) ( 22) ( 1) ( 1) ( 1) ( 21)  
 As= 562. 677. 1220. 859. 562. As= 1401. 469. 469. 469. 562.  
 ( 0) ( 1) ( 27) ( 27) ( 0) ( 1) ( 0) ( 0) ( 0) ( 0)  
 3D18 3D18 5D18 4D18 3D18 6D18 2D18 2D18 2D18 3D18  
 Rs= 0.30 0.36 0.65 0.46 0.30 Rs= 0.75 0.25 0.25 0.25 0.30  
 V( 22)= 217. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 71)= -0.1 & 202. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 38 (1)B\*H(mm)= 250\* 750 Lb= 6.90(m)  
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 130. 228. 176. 0. -M= -263. 0. 0. 0. -131.  
 ( 1) ( 1) ( 27) ( 48) ( 1) ( 22) ( 1) ( 1) ( 1) ( 21)  
 As= 562. 610. 1106. 779. 562. As= 1238. 469. 469. 469. 562.  
 ( 0) ( 1) ( 27) ( 40) ( 0) ( 1) ( 0) ( 0) ( 0) ( 0)  
 3D18 3D18 5D18 4D18 3D18 5D18 2D18 2D18 2D18 3D18  
 Rs= 0.30 0.33 0.59 0.42 0.30 Rs= 0.66 0.25 0.25 0.25 0.30  
 V( 22)= 198. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 71)= -0.1 & 184. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 39 (1)B\*H(mm)= 250\* 750 Lb= 6.90(m)  
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 117. 206. 161. 0. -M= -240. 0. 0. 0. -122.  
 ( 1) ( 1) ( 27) ( 48) ( 1) ( 22) ( 1) ( 1) ( 1) ( 21)  
 As= 562. 548. 992. 701. 562. As= 1105. 469. 469. 469. 562.  
 ( 0) ( 1) ( 27) ( 40) ( 0) ( 1) ( 0) ( 0) ( 0) ( 0)  
 3D18 3D18 4D18 3D18 3D18 5D18 2D18 2D18 2D18 3D18  
 Rs= 0.30 0.29 0.53 0.37 0.30 Rs= 0.59 0.25 0.25 0.25 0.30  
 V( 22)= 181. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 20)= 0.0 & 169. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 40 (1)B\*H(mm)= 250\* 750 Lb= 6.90(m)  
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 130. 229. 176. 0. -M= -263. 0. 0. 0. -130.  
 ( 1) ( 1) ( 27) ( 48) ( 1) ( 22) ( 1) ( 1) ( 1) ( 21)  
 As= 562. 612. 1115. 782. 562. As= 1241. 469. 469. 469. 562.

( 0) ( 1) ( 27) ( 27) ( 0) ( 1) ( 0) ( 0) ( 0) ( 0)  
 3D18 3D18 5D18 4D18 3D18 5D18 2D18 2D18 2D18 3D18  
 Rs= 0.30 0.33 0.59 0.42 0.30 Rs= 0.66 0.25 0.25 0.25 0.30  
 V( 22)= 198. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 72)= 0.0 & 185. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 41 ( 1)B\*H(mm)= 250\* 750 Lb= 6.90(m)  
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 143. 254. 190. 0. -M= -282. 0. 0. 0. -139.  
 ( 1) ( 1) ( 27) ( 48) ( 1) ( 22) ( 1) ( 1) ( 1) ( 21)  
 As= 562. 677. 1247. 866. 562. As= 1347. 469. 469. 469. 562.  
 ( 0) ( 1) ( 27) ( 27) ( 0) ( 1) ( 0) ( 0) ( 0) ( 0)  
 3D18 3D18 5D18 4D18 3D18 6D18 2D18 2D18 2D18 3D18  
 Rs= 0.30 0.36 0.66 0.46 0.30 Rs= 0.72 0.25 0.25 0.25 0.30  
 V( 22)= 214. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 72)= 0.1 & 200. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 42 ( 1)B\*H(mm)= 250\* 750 Lb= 6.90(m)  
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 93. 167. 134. 0. -M= -191. 0. 0. 0. -107.  
 ( 1) ( 1) ( 27) ( 48) ( 1) ( 22) ( 1) ( 1) ( 1) ( 21)  
 As= 562. 469. 792. 555. 562. As= 806. 469. 469. 469. 562.  
 ( 0) ( 0) ( 27) ( 40) ( 0) ( 14) ( 0) ( 0) ( 0) ( 0)  
 3D18 2D18 4D18 3D18 3D18 4D18 2D18 2D18 2D18 3D18  
 Rs= 0.30 0.25 0.42 0.30 0.30 Rs= 0.43 0.25 0.25 0.25 0.30  
 V( 22)= 150. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 53)= -0.4 & 141. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 43 ( 1)B\*H(mm)= 250\* 600 Lb= 6.00(m)  
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 12. 61. 64. 37. 0. -M= -56. 0. 0. -1. -88.  
 ( 49) ( 45) ( 27) ( 46) ( 1) ( 20) ( 1) ( 1) ( 23) ( 19)  
 As= 450. 375. 379. 375. 450. As= 450. 375. 375. 375. 450.  
 ( 0) ( 0) ( 27) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0)  
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18  
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.30 0.25 0.25 0.25 0.30  
 V( 19)= 77. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 53)= -0.6 & 67. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 44 ( 1)B\*H(mm)= 250\* 600 Lb= 6.00(m)  
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 36. 54. 41. 0. -M= -84. -4. 0. 0. -72.  
 ( 1) ( 1) ( 27) ( 46) ( 1) ( 20) ( 24) ( 1) ( 1) ( 19)  
 As= 450. 375. 375. 375. 450. As= 450. 375. 375. 375. 450.  
 ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0)  
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18  
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.30 0.25 0.25 0.25 0.30  
 V( 20)= 71. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 53)= 0.2 & 82. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

N-B= 45 ( 1)B\*H(mm)= 250\* 600 Lb= 4.80(m)  
 -1- -1- -2- -3- -J- -I- -1- -2- -3- -J-  
 +M= 0. 27. 32. 31. 7. -M= -69. -13. 0. -8. -61.  
 ( 49) ( 45) ( 27) ( 46) ( 50) ( 20) ( 24) ( 1) ( 23) ( 19)  
 As= 450. 375. 375. 375. 450. As= 450. 375. 375. 375. 450.  
 ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0) ( 0)  
 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18 2D18  
 Rs= 0.30 0.25 0.25 0.25 0.30 Rs= 0.30 0.25 0.25 0.25 0.30  
 V( 20)= 62. Asv( 0)= 45. 2D 6 Rsv= 0.18  
 T & V( 53)= 0.2 & 49. Ast( 0)= 0. 0D 0 Astv = 0. 0D 0  
 Ast1 = 0. 0D 0

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

	-I-	-1-	-2-	-3-	-J-		-I-	-1-	-2-	-3-	-J-
+M=	7.	31.	32.	27.	0.	-M=	-60.	-8.	0.	-13.	-69.
	( 49)	( 45)	( 27)	( 46)	( 50)		( 20)	( 24)	( 1)	( 23)	( 19)
As=	450.	375.	375.	375.	450.	As=	450.	375.	375.	375.	450.
	( 0)	( 0)	( 0)	( 0)	( 0)		( 0)	( 0)	( 0)	( 0)	( 0)
	2D18	2D18	2D18	2D18	2D18		2D18	2D18	2D18	2D18	2D18
Rs=	0.30	0.25	0.25	0.25	0.30	Rs=	0.30	0.25	0.25	0.25	0.30
V( 19)=	62.	Asv( 0)=	45.	2D 6	Rsv=	0.18					
T & V( 65)=	-0.2 &	48.	Ast( 0)=	0.	0D 0		Astv =	0.	0D 0		
							Ast1 =	0.	0D 0		

N-B= 47 (1)B\*H(mm)= 250\* 600 Lb= 6.00(m)

	-I-	-1-	-2-	-3-	-J-		-I-	-1-	-2-	-3-	-J-
+M=	0.	41.	54.	36.	0.	-M=	-71.	0.	0.	-4.	-84.
	( 1)	( 45)	( 27)	( 1)	( 1)		( 20)	( 1)	( 1)	( 23)	( 19)
As=	450.	375.	375.	375.	450.	As=	450.	375.	375.	375.	450.
	( 0)	( 0)	( 0)	( 0)	( 0)		( 0)	( 0)	( 0)	( 0)	( 0)
	2D18	2D18	2D18	2D18	2D18		2D18	2D18	2D18	2D18	2D18
Rs=	0.30	0.25	0.25	0.25	0.30	Rs=	0.30	0.25	0.25	0.25	0.30
V( 19)=	71.	Asv( 0)=	45.	2D 6	Rsv=	0.18					
T & V( 53)=	-0.2 &	62.	Ast( 0)=	0.	0D 0		Astv =	0.	0D 0		
							Ast1 =	0.	0D 0		

N-B= 48 (1)B\*H(mm)= 250\* 600 Lb= 6.00(m)

	-I-	-1-	-2-	-3-	-J-		-I-	-1-	-2-	-3-	-J-
+M=	0.	38.	64.	61.	12.	-M=	-88.	-1.	0.	0.	-56.
	( 1)	( 45)	( 27)	( 46)	( 50)		( 20)	( 24)	( 1)	( 1)	( 19)
As=	450.	375.	379.	375.	450.	As=	450.	375.	375.	375.	450.
	( 0)	( 0)	( 27)	( 0)	( 0)		( 0)	( 0)	( 0)	( 0)	( 0)
	2D18	2D18	2D18	2D18	2D18		2D18	2D18	2D18	2D18	2D18
Rs=	0.30	0.25	0.25	0.25	0.30	Rs=	0.30	0.25	0.25	0.25	0.30
V( 20)=	77.	Asv( 0)=	45.	2D 6	Rsv=	0.18					
T & V( 53)=	0.6 &	67.	Ast( 0)=	0.	0D 0		Astv =	0.	0D 0		
							Ast1 =	0.	0D 0		



General Data						2	25	2	1	2	48	62	26
0	20000	13	2	25	2	1	2	48	62	26			
Data of Standard Members													
0.500	1.000	2.200	0.500	0.300	419539.88	2978456.50							
0.600	1.000	2.000	0.500	0.300	430727.41	3245359.75							
End of the Input of Beam Data													
1	0	14	16	2	2	1	1.800						
2	0	16	22	2	2	2	4.800						
3	0	22	28	2	2	3	4.800						
4	0	28	34	2	2	4	6.000						
5	0	34	41	2	2	5	6.000						
6	0	41	46	2	2	6	1.800						
7	0	1	5	2	3	1	1.800						
8	0	5	10	2	3	2	6.000						
9	0	10	17	2	3	3	6.000						
10	0	17	23	2	3	4	4.800						
11	0	23	29	2	3	5	4.800						
12	0	29	35	2	3	6	6.000						
13	0	35	39	2	3	7	1.800						
14	0	2	6	2	5	1	1.800						
15	0	6	11	2	5	2	6.000						
16	0	11	18	2	5	3	6.000						
17	0	18	24	2	5	4	4.800						
18	0	24	30	2	5	5	4.800						
19	0	30	36	2	5	6	6.000						
20	0	36	43	2	5	7	6.000						
21	0	43	47	2	5	8	1.800						
22	0	3	7	2	6	1	1.800						
23	0	7	12	2	6	2	6.000						
24	0	12	19	2	6	3	6.000						
25	0	19	25	2	6	4	4.800						
26	0	25	31	2	6	5	4.800						
27	0	31	37	2	6	6	6.000						
28	0	37	44	2	6	7	6.000						
29	0	44	48	2	6	8	1.800						
30	900	40	41	1	7	1	2.000						
31	900	41	42	1	7	2	6.000						
32	900	42	43	1	7	3	6.900						
33	900	43	44	1	7	4	6.900						
34	900	44	45	1	7	5	2.000						
35	900	33	34	1	8	1	2.000						
36	900	34	35	1	8	2	6.000						
37	900	35	36	1	8	3	6.900						
38	900	36	37	1	8	4	6.900						
39	900	37	38	1	8	5	2.000						
40	900	27	28	1	9	1	2.000						
41	900	28	29	1	9	2	6.000						
42	900	29	30	1	9	3	6.900						
43	900	30	31	1	9	4	6.900						
44	900	31	32	1	9	5	2.000						
45	900	21	22	1	10	1	2.000						
46	900	22	23	1	10	2	6.000						
47	900	23	24	1	10	3	6.900						
48	900	24	25	1	10	4	6.900						
49	900	25	26	1	10	5	2.000						
50	900	15	16	1	11	1	2.000						
51	900	16	17	1	11	2	6.000						
52	900	17	18	1	11	3	6.900						
53	900	18	19	1	11	4	6.900						
54	900	19	20	1	11	5	2.000						
55	900	9	10	1	12	1	2.000						
56	900	10	11	1	12	2	6.900						
57	900	11	12	1	12	3	6.900						
58	900	12	13	1	12	4	2.000						
59	900	4	5	1	13	1	2.000						
60	900	5	6	1	13	2	6.900						

61	900	6	7	1	13	3	6.900
62	900	7	8	1	13	4	2.000

Loads on the Beams

0.00	14.00	14.00	14.00	14.00	0.00	0.00	20.00	20.00	0.00
0.00	0.00	0.00	0.00	20.00	20.00	0.00	0.00	0.00	0.00
0.00	0.00	20.00	20.00	20.00	20.00	20.00	20.00	0.00	0.00
20.00	20.00	20.00	0.00	0.00	20.00	20.00	20.00	0.00	0.00
0.00	0.00	20.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00
20.00	20.00	20.00	0.00	0.00	20.00	0.00	0.00	0.00	20.00
20.00	0.00								

Loads on the Joints

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	440.32	19.98	11.93		826.91	-0.51	14.94
443.03	-17.35	10.44	0.00	0.00	0.00		0.00	0.00	0.00
785.65	31.73	-0.85	1378.15	-9.89	-1.37		709.21	-23.73	-0.56
0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00
166.90	13.80	10.07	798.21	16.27	-0.98		1194.41	-4.99	-2.96
638.20	-22.64	-2.41	0.00	0.00	0.00		0.00	0.00	0.00
307.52	27.50	-1.83	794.67	5.16	-0.34		1080.22	-2.59	-0.04
569.06	-20.62	0.09	0.00	0.00	0.00		0.00	0.00	0.00
323.94	30.90	2.66	881.35	4.87	2.83		1179.30	-2.48	2.69
638.78	-23.30	2.53	0.00	0.00	0.00		0.00	0.00	0.00
697.71	24.66	4.58	1246.70	7.95	7.83		1380.76	-10.78	1.75
703.53	-23.03	0.83	0.00	0.00	0.00		0.00	0.00	0.00
0.00	0.00	0.00	508.16	14.65	-13.36		823.88	7.15	-22.88
900.03	-4.97	-15.13	535.04	-17.19	-10.13		0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00

==== KEY PASS =====

Maximum Number of Stiffness Array= 1800

Vertical Displacement(mm) and Reactional forces(KN/M\*M) of Joints

1	1.14	22.78	2	1.95	39.08	3	1.22	24.44	4	1.13	22.62
5	1.37	27.47	6	2.18	43.52	7	1.38	27.53	8	1.15	22.94
9	1.84	36.80	10	2.11	42.11	11	2.95	58.95	12	1.81	36.16
13	1.66	33.16	14	0.54	10.74	15	0.23	4.64	16	0.67	13.46
17	2.03	40.65	18	2.78	55.68	19	1.86	37.15	20	1.63	32.63
21	0.63	12.59	22	0.90	18.03	23	1.77	35.48	24	2.49	49.79
25	1.82	36.41	26	1.82	32.31	27	0.77	15.37	28	1.03	20.53
29	1.83	36.60	30	2.53	50.67	31	1.87	37.40	32	1.67	33.32
33	1.36	27.19	34	1.82	36.48	35	3.03	60.63	36	2.86	57.20
37	1.91	38.14	38	1.70	34.10	39	3.45	68.94	40	0.97	19.37
41	1.61	32.19	42	3.41	68.13	43	2.30	45.93	44	1.59	31.84
45	1.45	29.08	46	1.48	29.70	47	2.19	43.72	48	1.47	29.50

Average Pressure(KN/M\*M) without Soil And Foundation Weight

P(average)= 47.4

Vertical Displacement(mm) and Corrected Reactional Forces(KN/M\*M) of Joints

1	1.14	31.13	2	1.95	53.40	3	1.22	33.41	4	1.13	30.91
5	1.37	37.54	6	2.18	59.47	7	1.38	37.63	8	1.15	31.35
9	1.84	50.29	10	2.11	57.55	11	2.95	80.57	12	1.81	49.42
13	1.66	45.31	14	0.54	14.68	15	0.23	6.34	16	0.67	18.40
17	2.03	55.55	18	2.78	76.09	19	1.86	50.77	20	1.63	44.60
21	0.63	17.21	22	0.90	24.64	23	1.77	48.48	24	2.49	68.04
25	1.82	49.77	26	1.82	44.16	27	0.77	21.00	28	1.03	28.05
29	1.83	50.02	30	2.53	69.25	31	1.87	51.11	32	1.67	45.54
33	1.36	37.16	34	1.82	49.86	35	3.03	82.86	36	2.86	78.18
37	1.91	52.12	38	1.70	46.60	39	3.45	94.21	40	0.97	26.47
41	1.61	43.99	42	3.41	93.11	43	2.30	62.77	44	1.59	43.52
45	1.45	39.74	46	1.48	40.59	47	2.19	59.75	48	1.47	40.31

Forces and Reinforcement

MEMBER	1=====AXIS----					2-----				
	M1	M2	M3	M4	M5	M6	M7	M8	M9	
M	0.0	0.5	2.2	5.1	9.1	14.3	20.9	28.7	37.8	
As1	900.	900.	900.	900.	900.	900.	900.	900.	900.	
As2	900.	900.	900.	900.	900.	900.	900.	900.	900.	
	V1	V2			M1/m	M2/m			T	

V	0.00	43.70	M/m	4.05	4.51	T	4.884		
Asv/s	0.701	0.701	As/m	750.	750.	Astl	0.		
MEMBER	2=====AXIS----		2----	2					
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	37.0	19.2	6.6	-0.4	-1.3	4.3	16.7	36.5	64.0
As1	900.	900.	900.	900.	900.	900.	900.	900.	900.
As2	900.	900.	900.	900.	900.	900.	900.	900.	900.
	V1	V2		M1/m	M2/m			T	
V	33.64	52.38	M/m	5.27	6.04	T	13.965		
Asv/s	0.701	0.701	As/m	750.	750.	Astl	0.		
MEMBER	3=====AXIS----		2----	3					
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	58.2	22.3	-5.6	-25.5	-37.4	-41.0	-36.3	-22.8	-0.1
As1	900.	900.	900.	900.	900.	900.	900.	900.	900.
As2	900.	900.	900.	900.	900.	900.	900.	900.	900.
	V1	V2		M1/m	M2/m			T	
V	66.56	45.80	M/m	6.45	6.87	T	4.338		
Asv/s	0.701	0.701	As/m	750.	750.	Astl	0.		
MEMBER	4=====AXIS----		2----	4					
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	-3.9	-43.9	-67.5	-73.3	-59.1	-22.6	39.4	129.8	251.5
As1	900.	900.	900.	900.	900.	900.	900.	900.	900.
As2	900.	900.	900.	900.	900.	900.	900.	900.	900.
	V1	V2		M1/m	M2/m			T	
V	63.76	184.11	M/m	9.54	12.21	T	11.944		
Asv/s	0.701	0.701	As/m	750.	750.	Astl	0.		
MEMBER	5=====AXIS----		2----	5					
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	264.2	135.9	40.9	-21.8	-53.4	-55.0	-27.5	28.9	114.1
As1	900.	900.	900.	900.	900.	900.	900.	900.	900.
As2	900.	900.	900.	900.	900.	900.	900.	900.	900.
	V1	V2		M1/m	M2/m			T	
V	193.19	132.51	M/m	11.50	12.21	T	16.410		
Asv/s	0.701	0.701	As/m	750.	750.	Astl	0.		
MEMBER	6=====AXIS----		2----	6					
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	99.2	75.7	55.4	38.3	24.4	13.7	6.1	1.5	0.0
As1	900.	900.	900.	900.	900.	900.	900.	900.	900.
As2	900.	900.	900.	900.	900.	900.	900.	900.	900.
	V1	V2		M1/m	M2/m			T	
V	111.75	0.00	M/m	10.36	10.78	T	6.658		
Asv/s	0.701	0.701	As/m	750.	750.	Astl	0.		
MEMBER	7=====AXIS----		3----	1					
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	0.0	1.2	4.7	10.7	19.1	30.1	43.8	60.1	79.1
As1	900.	900.	900.	900.	900.	900.	900.	900.	900.
As2	900.	900.	900.	900.	900.	900.	900.	900.	900.
	V1	V2		M1/m	M2/m			T	
V	0.00	90.73	M/m	8.41	9.20	T	1.993		
Asv/s	0.701	0.701	As/m	750.	750.	Astl	0.		
MEMBER	8=====AXIS----		3----	2					
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	80.7	13.2	-33.1	-56.5	-55.5	-27.7	29.3	118.3	241.8
As1	900.	900.	900.	900.	900.	900.	900.	900.	900.
As2	900.	900.	900.	900.	900.	900.	900.	900.	900.
	V1	V2		M1/m	M2/m			T	
V	103.49	188.44	M/m	11.65	14.10	T	3.736		
Asv/s	0.701	0.701	As/m	750.	750.	Astl	0.		
MEMBER	9=====AXIS----		3----	3					
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	236.8	107.1	13.6	-44.6	-68.3	-58.0	-13.9	64.3	177.0
As1	900.	900.	900.	900.	900.	900.	900.	900.	900.
As2	900.	900.	900.	900.	900.	900.	900.	900.	900.
	V1	V2		M1/m	M2/m			T	
V	197.07	173.40	M/m	13.85	14.10	T	6.810		
Asv/s	0.701	0.701	As/m	750.	750.	Astl	0.		

MEMBER 10=====AXIS----										3----	4
	M1	M2	M3	M4	M5	M6	M7	M8	M9		
M	185.2	78.1	-0.2	-50.7	-74.1	-71.0	-41.9	12.9	93.4		
As1	900.	900.	900.	900.	900.	900.	900.	900.	900.		
As2	900.	900.	900.	900.	900.	900.	900.	900.	900.		
	V1	V2			M1/m	M2/m		T			
V	202.68	155.53		M/m	12.74	13.61		T	6.884		
Asv/s	0.701	0.701		As/m	750.	750.		Ast1	0.		
MEMBER 11=====AXIS----										3----	5
	M1	M2	M3	M4	M5	M6	M7	M8	M9		
M	98.4	14.2	-44.9	-79.2	-88.9	-74.0	-34.4	30.5	121.3		
As1	900.	900.	900.	900.	900.	900.	900.	900.	900.		
As2	900.	900.	900.	900.	900.	900.	900.	900.	900.		
	V1	V2			M1/m	M2/m		T			
V	161.63	173.11		M/m	12.07	12.25		T	2.926		
Asv/s	0.701	0.701		As/m	750.	750.		Ast1	0.		
MEMBER 12=====AXIS----										3----	6
	M1	M2	M3	M4	M5	M6	M7	M8	M9		
M	119.9	-22.0	-122.2	-180.3	-194.7	-162.4	-79.2	60.4	262.6		
As1	900.	900.	900.	900.	900.	900.	900.	900.	900.		
As2	900.	900.	900.	900.	900.	900.	900.	900.	900.		
	V1	V2			M1/m	M2/m		T			
V	216.75	313.82		M/m	16.28	20.30		T	3.966		
Asv/s	0.701	0.701		As/m	750.	750.		Ast1	0.		
MEMBER 13=====AXIS----										3----	7
	M1	M2	M3	M4	M5	M6	M7	M8	M9		
M	215.0	165.5	122.2	85.2	54.8	31.0	13.8	3.5	0.0		
As1	900.	900.	900.	900.	900.	900.	900.	900.	900.		
As2	900.	900.	900.	900.	900.	900.	900.	900.	900.		
	V1	V2			M1/m	M2/m		T			
V	234.02	0.00		M/m	21.69	23.08		T	1.010		
Asv/s	0.701	0.701		As/m	750.	750.		Ast1	0.		
MEMBER 14=====AXIS----										5----	1
	M1	M2	M3	M4	M5	M6	M7	M8	M9		
M	0.0	2.0	8.0	18.1	32.3	50.7	73.4	100.4	131.8		
As1	900.	900.	900.	900.	900.	900.	900.	900.	900.		
As2	900.	900.	900.	900.	900.	900.	900.	900.	900.		
	V1	V2			M1/m	M2/m		T			
V	0.00	149.14		M/m	13.83	14.57		T	-0.070		
Asv/s	0.701	0.701		As/m	750.	750.		Ast1	0.		
MEMBER 15=====AXIS----										5----	2
	M1	M2	M3	M4	M5	M6	M7	M8	M9		
M	137.4	17.2	-64.3	-106.0	-106.5	-63.5	25.9	165.3	357.6		
As1	900.	900.	900.	900.	900.	900.	900.	900.	1120.		
As2	900.	900.	900.	900.	900.	900.	900.	900.	1155.		
	V1	V2			M1/m	M2/m		T			
V	185.79	292.87		M/m	17.15	19.74		T	-6.021		
Asv/s	0.701	0.701		As/m	750.	750.		Ast1	0.		
MEMBER 16=====AXIS----										5----	3
	M1	M2	M3	M4	M5	M6	M7	M8	M9		
M	350.5	154.3	12.8	-75.5	-112.1	-98.2	-34.1	80.7	246.8		
As1	1092.	900.	900.	900.	900.	900.	900.	900.	900.		
As2	1127.	900.	900.	900.	900.	900.	900.	900.	900.		
	V1	V2			M1/m	M2/m		T			
V	298.36	255.82		M/m	19.19	19.74		T	-4.875		
Asv/s	0.701	0.701		As/m	750.	750.		Ast1	0.		
MEMBER 17=====AXIS----										5----	4
	M1	M2	M3	M4	M5	M6	M7	M8	M9		
M	250.7	104.2	-3.0	-71.8	-103.2	-98.0	-56.6	20.7	133.9		
As1	900.	900.	900.	900.	900.	900.	900.	900.	900.		
As2	900.	900.	900.	900.	900.	900.	900.	900.	900.		
	V1	V2			M1/m	M2/m		T			
V	277.54	218.61		M/m	17.66	18.64		T	5.146		
Asv/s	0.701	0.701		As/m	750.	750.		Ast1	0.		
MEMBER 18=====AXIS----										5----	5
	M1	M2	M3	M4	M5	M6	M7	M8	M9		

M	137.8	24.4	-53.6	-96.6	-104.8	-78.3	-16.9	80.1	213.3
As1	900.	900.	900.	900.	900.	900.	900.	900.	900.
As2	900.	900.	900.	900.	900.	900.	900.	900.	900.
	V1	V2		M1/m	M2/m		T		
V	218.81	252.25		M/m	16.82	16.97	T	0.969	
Asv/s	0.701	0.701		As/m	750.	750.	Ast1	0.	
MEMBER 19=====AXIS----- 5----- 6									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	215.9	41.2	-77.0	-139.4	-146.3	-96.7	11.0	179.6	411.3
As1	900.	900.	900.	900.	900.	900.	900.	900.	1313.
As2	900.	900.	900.	900.	900.	900.	900.	900.	1316.
	V1	V2		M1/m	M2/m		T		
V	270.93	351.80		M/m	18.06	19.15	T	-9.054	
Asv/s	0.701	0.701		As/m	750.	750.	Ast1	0.	
MEMBER 20=====AXIS----- 5----- 7									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	427.9	194.3	23.4	-87.9	-142.9	-144.1	-93.3	9.0	163.0
As1	1368.	900.	900.	900.	900.	900.	900.	900.	900.
As2	1373.	900.	900.	900.	900.	900.	900.	900.	900.
	V1	V2		M1/m	M2/m		T		
V	354.13	239.71		M/m	17.27	19.15	T	-6.936	
Asv/s	0.701	0.701		As/m	750.	750.	Ast1	0.	
MEMBER 21=====AXIS----- 5----- 8									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	144.5	110.4	80.9	56.0	35.8	20.1	8.9	2.2	0.0
As1	900.	900.	900.	900.	900.	900.	900.	900.	900.
As2	900.	900.	900.	900.	900.	900.	900.	900.	900.
	V1	V2		M1/m	M2/m		T		
V	161.89	0.00		M/m	15.01	15.38	T	-2.747	
Asv/s	0.701	0.701		As/m	750.	750.	Ast1	0.	
MEMBER 22=====AXIS----- 6----- 1									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	0.0	1.2	5.0	11.3	20.3	31.8	46.1	63.0	82.8
As1	900.	900.	900.	900.	900.	900.	900.	900.	900.
As2	900.	900.	900.	900.	900.	900.	900.	900.	900.
	V1	V2		M1/m	M2/m		T		
V	0.00	93.85		M/m	8.70	9.22	T	-1.833	
Asv/s	0.701	0.701		As/m	750.	750.	Ast1	0.	
MEMBER 23=====AXIS----- 6----- 2									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	88.8	21.7	-24.9	-50.4	-53.8	-34.1	10.5	81.6	181.0
As1	900.	900.	900.	900.	900.	900.	900.	900.	900.
As2	900.	900.	900.	900.	900.	900.	900.	900.	900.
	V1	V2		M1/m	M2/m		T		
V	102.89	152.00		M/m	10.66	12.11	T	-6.143	
Asv/s	0.701	0.701		As/m	750.	750.	Ast1	0.	
MEMBER 24=====AXIS----- 6----- 3									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	178.5	72.9	-3.4	-50.9	-70.2	-61.5	-24.4	41.6	137.6
As1	900.	900.	900.	900.	900.	900.	900.	900.	900.
As2	900.	900.	900.	900.	900.	900.	900.	900.	900.
	V1	V2		M1/m	M2/m		T		
V	160.53	148.24		M/m	12.27	12.44	T	-4.573	
Asv/s	0.701	0.701		As/m	750.	750.	Ast1	0.	
MEMBER 25=====AXIS----- 6----- 4									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	131.9	68.4	4.3	-30.5	-46.4	-43.6	-22.1	18.2	77.5
As1	900.	900.	900.	900.	900.	900.	900.	900.	900.
As2	900.	900.	900.	900.	900.	900.	900.	900.	900.
	V1	V2		M1/m	M2/m		T		
V	138.82	114.58		M/m	12.32	12.44	T	-2.670	
Asv/s	0.701	0.701		As/m	750.	750.	Ast1	0.	
MEMBER 26=====AXIS----- 6----- 5									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	76.4	16.9	-23.7	-45.5	-48.6	-33.0	1.7	55.7	129.3
As1	900.	900.	900.	900.	900.	900.	900.	900.	900.

As2	900.	900.	900.	900.	900.	900.	900.	900.	900.
	V1	V2			M1/m	M2/m		T	
V	115.06	139.04		M/m	12.36	12.52		T	-1.771
Asv/s	0.701	0.701		As/m	750.	750.		Astl	0.
MEMBER 27=====AXIS----- 6----- 6									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	132.8	36.0	-30.4	-67.3	-75.0	-53.8	-3.0	78.3	190.8
As1	900.	900.	900.	900.	900.	900.	900.	900.	900.
As2	900.	900.	900.	900.	900.	900.	900.	900.	900.
	V1	V2			M1/m	M2/m		T	
V	149.53	171.16		M/m	12.65	12.77		T	-1.983
Asv/s	0.701	0.701		As/m	750.	750.		Astl	0.
MEMBER 28=====AXIS----- 6----- 7									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	193.3	84.1	5.7	-43.6	-65.3	-60.7	-30.7	24.5	104.5
As1	900.	900.	900.	900.	900.	900.	900.	900.	900.
As2	900.	900.	900.	900.	900.	900.	900.	900.	900.
	V1	V2			M1/m	M2/m		T	
V	166.52	123.19		M/m	11.72	12.77		T	-3.220
Asv/s	0.701	0.701		As/m	750.	750.		Astl	0.
MEMBER 29=====AXIS----- 6----- 8									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	98.4	75.1	55.0	38.0	24.3	13.6	6.0	1.5	0.0
As1	900.	900.	900.	900.	900.	900.	900.	900.	900.
As2	900.	900.	900.	900.	900.	900.	900.	900.	900.
	V1	V2			M1/m	M2/m		T	
V	110.76	0.00		M/m	10.27	10.66		T	-0.578
Asv/s	0.701	0.701		As/m	750.	750.		Astl	0.
MEMBER 30=====AXIS----- 7----- 1									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	0.0	1.4	5.6	13.0	23.7	38.0	56.1	78.2	104.5
As1	750.	750.	750.	750.	750.	750.	750.	750.	750.
As2	750.	750.	750.	750.	750.	750.	750.	750.	750.
	V1	V2			M1/m	M2/m		T	
V	0.00	114.01		M/m	12.73	15.89		T	1.405
Asv/s	0.584	0.584		As/m	750.	750.		Astl	0.
MEMBER 31=====AXIS----- 7----- 2									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	96.1	-1.2	-64.8	-89.8	-70.4	-0.4	127.2	319.4	581.8
As1	750.	750.	750.	750.	750.	750.	750.	1131.	1879.
As2	750.	750.	750.	750.	750.	750.	750.	1135.	1907.
	V1	V2			M1/m	M2/m		T	
V	149.89	398.10		M/m	24.76	33.64		T	11.110
Asv/s	0.584	0.584		As/m	750.	750.		Astl	0.
MEMBER 32=====AXIS----- 7----- 3									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	588.9	269.7	43.6	-97.1	-160.6	-154.0	-82.0	53.2	250.4
As1	1895.	934.	750.	750.	750.	750.	750.	750.	758.
As2	1923.	964.	750.	750.	750.	750.	750.	750.	782.
	V1	V2			M1/m	M2/m		T	
V	425.78	264.15		M/m	28.16	33.64		T	11.770
Asv/s	0.584	0.584		As/m	750.	750.		Astl	0.
MEMBER 33=====AXIS----- 7----- 4									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	255.1	82.5	-34.8	-103.1	-128.1	-113.9	-82.7	25.1	149.8
As1	788.	750.	750.	750.	750.	750.	750.	750.	750.
As2	813.	750.	750.	750.	750.	750.	750.	750.	750.
	V1	V2			M1/m	M2/m		T	
V	234.27	166.28		M/m	19.20	22.67		T	2.748
Asv/s	0.584	0.584		As/m	750.	750.		Astl	0.
MEMBER 34=====AXIS----- 7----- 5									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	132.7	101.2	74.0	51.2	32.6	18.3	8.1	2.0	0.0
As1	750.	750.	750.	750.	750.	750.	750.	750.	750.
As2	750.	750.	750.	750.	750.	750.	750.	750.	750.
	V1	V2			M1/m	M2/m		T	

V	134.80	0.00	M/m	15.04	15.72	T	1.279		
Asv/s	0.584	0.584	As/m	750.	750.	Astl	0.		
MEMBER 35=====AXIS----									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	0.0	1.9	7.7	17.6	31.7	50.3	73.4	101.2	133.9
As1	750.	750.	750.	750.	750.	750.	750.	750.	750.
As2	750.	750.	750.	750.	750.	750.	750.	750.	750.
	V1	V2		M1/m	M2/m		T		
V	0.00	140.84	M/m	15.72	18.01	T	-1.965		
Asv/s	0.584	0.584	As/m	750.	750.	Astl	0.		
MEMBER 36=====AXIS----									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	145.7	28.5	-51.8	-92.5	-90.3	-41.2	59.5	216.9	435.4
As1	750.	750.	750.	750.	750.	750.	750.	750.	1396.
As2	750.	750.	750.	750.	750.	750.	750.	771.	1408.
	V1	V2		M1/m	M2/m		T		
V	179.56	333.52	M/m	23.97	29.93	T	-26.542		
Asv/s	0.584	0.584	As/m	750.	750.	Astl	0.		
MEMBER 37=====AXIS----									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	442.3	169.3	-21.2	-133.3	-171.2	-137.0	-30.1	152.0	412.2
As1	1408.	750.	750.	750.	750.	750.	750.	750.	1311.
As2	1420.	750.	750.	750.	750.	750.	750.	750.	1320.
	V1	V2		M1/m	M2/m		T		
V	365.34	347.39	M/m	29.09	29.93	T	-28.824		
Asv/s	0.584	0.584	As/m	750.	750.	Astl	0.		
MEMBER 38=====AXIS----									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	410.6	167.0	-2.9	-106.4	-151.0	-142.6	-84.7	21.1	174.9
As1	1314.	750.	750.	750.	750.	750.	750.	750.	750.
As2	1324.	750.	750.	750.	750.	750.	750.	750.	750.
	V1	V2		M1/m	M2/m		T		
V	327.44	206.01	M/m	23.53	28.24	T	1.082		
Asv/s	0.584	0.584	As/m	750.	750.	Astl	0.		
MEMBER 39=====AXIS----									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	156.8	119.4	87.3	60.3	38.4	21.5	9.5	2.4	0.0
As1	750.	750.	750.	750.	750.	750.	750.	750.	750.
As2	750.	750.	750.	750.	750.	750.	750.	750.	750.
	V1	V2		M1/m	M2/m		T		
V	159.84	0.00	M/m	17.83	18.83	T	0.583		
Asv/s	0.584	0.584	As/m	750.	750.	Astl	0.		
MEMBER 40=====AXIS----									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	0.0	1.1	4.4	9.9	17.9	28.4	41.4	57.1	75.6
As1	750.	750.	750.	750.	750.	750.	750.	750.	750.
As2	750.	750.	750.	750.	750.	750.	750.	750.	750.
	V1	V2		M1/m	M2/m		T		
V	0.00	79.40	M/m	8.86	10.13	T	-2.137		
Asv/s	0.584	0.584	As/m	750.	750.	Astl	0.		
MEMBER 41=====AXIS----									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	105.4	17.1	-44.1	-77.0	-79.5	-49.4	16.8	122.4	271.0
As1	750.	750.	750.	750.	750.	750.	750.	750.	845.
As2	750.	750.	750.	750.	750.	750.	750.	750.	872.
	V1	V2		M1/m	M2/m		T		
V	134.99	227.90	M/m	14.10	18.07	T	-4.291		
Asv/s	0.584	0.584	As/m	750.	750.	Astl	0.		
MEMBER 42=====AXIS----									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	270.5	73.3	-63.9	-141.8	-160.3	-117.2	-7.8	174.2	435.3
As1	829.	750.	750.	750.	750.	750.	750.	750.	1390.
As2	855.	750.	750.	750.	750.	750.	750.	750.	1402.
	V1	V2		M1/m	M2/m		T		
V	263.59	350.33	M/m	21.54	25.02	T	-3.540		
Asv/s	0.584	0.584	As/m	750.	750.	Astl	0.		

MEMBER 43=====AXIS----										9----	4
	M1	M2	M3	M4	M5	M6	M7	M8	M9		
M	424.5	194.7	30.7	-72.4	-120.4	-117.8	-67.5	29.6	173.3		
As1	1370.	750.	750.	750.	750.	750.	750.	750.	750.		
As2	1381.	750.	750.	750.	750.	750.	750.	750.	750.		
	V1	V2			M1/m	M2/m			T		
V	305.79	193.74		M/m	21.74	25.02		T	-1.021		
Asv/s	0.584	0.584		As/m	750.	750.		Ast1	0.		
MEMBER 44=====AXIS----										9----	5
	M1	M2	M3	M4	M5	M6	M7	M8	M9		
M	153.4	116.8	85.4	59.0	37.5	21.0	9.3	2.3	0.0		
As1	750.	750.	750.	750.	750.	750.	750.	750.	750.		
As2	750.	750.	750.	750.	750.	750.	750.	750.	750.		
	V1	V2			M1/m	M2/m			T		
V	156.48	0.00		M/m	17.46	18.46		T	0.170		
Asv/s	0.584	0.584		As/m	750.	750.		Ast1	0.		
MEMBER 45=====AXIS----										10----	1
	M1	M2	M3	M4	M5	M6	M7	M8	M9		
M	0.0	0.9	3.6	8.2	14.9	23.7	34.7	48.0	63.7		
As1	750.	750.	750.	750.	750.	750.	750.	750.	750.		
As2	750.	750.	750.	750.	750.	750.	750.	750.	750.		
	V1	V2			M1/m	M2/m			T		
V	0.00	67.73		M/m	7.56	8.90		T	-0.608		
Asv/s	0.584	0.584		As/m	750.	750.		Ast1	0.		
MEMBER 46=====AXIS----										10----	2
	M1	M2	M3	M4	M5	M6	M7	M8	M9		
M	91.0	11.8	-43.2	-72.3	-73.4	-43.8	20.1	121.8	264.9		
As1	750.	750.	750.	750.	750.	750.	750.	750.	827.		
As2	750.	750.	750.	750.	750.	750.	750.	750.	853.		
	V1	V2			M1/m	M2/m			T		
V	120.85	219.65		M/m	13.21	17.51		T	3.819		
Asv/s	0.584	0.584		As/m	750.	750.		Ast1	0.		
MEMBER 47=====AXIS----										10----	3
	M1	M2	M3	M4	M5	M6	M7	M8	M9		
M	268.1	75.0	-59.7	-136.5	-155.3	-113.7	-7.0	171.0	426.7		
As1	823.	750.	750.	750.	750.	750.	750.	750.	1363.		
As2	849.	750.	750.	750.	750.	750.	750.	750.	1374.		
	V1	V2			M1/m	M2/m			T		
V	257.86	343.21		M/m	21.05	24.58		T	1.508		
Asv/s	0.584	0.584		As/m	750.	750.		Ast1	0.		
MEMBER 48=====AXIS----										10----	4
	M1	M2	M3	M4	M5	M6	M7	M8	M9		
M	418.0	192.8	32.1	-69.2	-116.4	-114.4	-65.9	27.9	167.0		
As1	1350.	750.	750.	750.	750.	750.	750.	750.	750.		
As2	1360.	750.	750.	750.	750.	750.	750.	750.	750.		
	V1	V2			M1/m	M2/m			T		
V	299.58	187.35		M/m	21.28	24.58		T	2.562		
Asv/s	0.584	0.584		As/m	750.	750.		Ast1	0.		
MEMBER 49=====AXIS----										10----	5
	M1	M2	M3	M4	M5	M6	M7	M8	M9		
M	149.0	113.5	82.9	57.2	36.4	20.4	9.0	2.2	0.0		
As1	750.	750.	750.	750.	750.	750.	750.	750.	750.		
As2	750.	750.	750.	750.	750.	750.	750.	750.	750.		
	V1	V2			M1/m	M2/m			T		
V	152.08	0.00		M/m	16.97	17.98		T	0.002		
Asv/s	0.584	0.584		As/m	750.	750.		Ast1	0.		
MEMBER 50=====AXIS----										11----	1
	M1	M2	M3	M4	M5	M6	M7	M8	M9		
M	0.0	0.3	1.5	3.6	6.7	11.2	17.0	24.4	33.5		
As1	750.	750.	750.	750.	750.	750.	750.	750.	750.		
As2	750.	750.	750.	750.	750.	750.	750.	750.	750.		
	V1	V2			M1/m	M2/m			T		
V	0.00	40.00		M/m	4.47	6.65		T	-2.199		
Asv/s	0.584	0.584		As/m	750.	750.		Ast1	0.		
MEMBER 51=====AXIS----										11----	2
	M1	M2	M3	M4	M5	M6	M7	M8	M9		



M	28.5	-5.4	-29.9	-41.4	-35.6	-7.9	46.3	131.9	253.3
As1	750.	750.	750.	750.	750.	750.	750.	750.	800.
As2	750.	750.	750.	750.	750.	750.	750.	750.	825.
	V1	V2		M1/m		M2/m		T	
V	49.56	187.31		M/m	13.36	20.07		T	-8.721
Asv/s	0.584	0.584		As/m	750.	750.		Astl	0.
MEMBER 52=====AXIS---- 11---- 3									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	255.9	79.6	-43.5	-112.7	-127.0	-83.5	22.3	196.5	444.4
As1	789.	750.	750.	750.	750.	750.	750.	750.	1428.
As2	814.	750.	750.	750.	750.	750.	750.	750.	1441.
	V1	V2		M1/m		M2/m		T	
V	234.82	331.41		M/m	23.78	27.49		T	2.362
Asv/s	0.584	0.584		As/m	750.	750.		Astl	0.
MEMBER 53=====AXIS---- 11---- 4									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	442.6	196.0	21.9	-86.3	-135.8	-132.4	-79.9	19.9	166.4
As1	1423.	750.	750.	750.	750.	750.	750.	750.	750.
As2	1436.	750.	750.	750.	750.	750.	750.	750.	750.
	V1	V2		M1/m		M2/m		T	
V	329.64	196.74		M/m	22.91	27.49		T	4.498
Asv/s	0.584	0.584		As/m	750.	750.		Astl	0.
MEMBER 54=====AXIS---- 11---- 5									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	151.0	114.9	83.9	57.9	36.8	20.6	9.1	2.3	0.0
As1	750.	750.	750.	750.	750.	750.	750.	750.	750.
As2	750.	750.	750.	750.	750.	750.	750.	750.	750.
	V1	V2		M1/m		M2/m		T	
V	154.41	0.00		M/m	17.23	18.34		T	-0.375
Asv/s	0.584	0.584		As/m	750.	750.		Astl	0.
MEMBER 55=====AXIS---- 12---- 1									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	0.0	2.5	10.3	23.2	41.6	65.4	94.8	129.8	170.6
As1	750.	750.	750.	750.	750.	750.	750.	750.	750.
As2	750.	750.	750.	750.	750.	750.	750.	750.	750.
	V1	V2		M1/m		M2/m		T	
V	0.00	174.60		M/m	19.48	20.79		T	-1.613
Asv/s	0.584	0.584		As/m	750.	750.		Astl	0.
MEMBER 56=====AXIS---- 12---- 2									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	199.8	32.6	-79.7	-136.4	-135.9	-74.4	54.0	256.1	537.6
As1	750.	750.	750.	750.	750.	750.	750.	886.	1735.
As2	750.	750.	750.	750.	750.	750.	750.	914.	1758.
	V1	V2		M1/m		M2/m		T	
V	225.54	373.73		M/m	24.95	29.10		T	-2.550
Asv/s	0.584	0.584		As/m	750.	750.		Astl	0.
MEMBER 57=====AXIS---- 12---- 3									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	538.6	229.9	12.0	-124.0	-187.3	-185.4	-123.0	-1.7	178.5
As1	1724.	793.	750.	750.	750.	750.	750.	750.	750.
As2	1746.	818.	750.	750.	750.	750.	750.	750.	750.
	V1	V2		M1/m		M2/m		T	
V	413.19	243.29		M/m	23.48	29.10		T	-3.232
Asv/s	0.584	0.584		As/m	750.	750.		Astl	0.
MEMBER 58=====AXIS---- 12---- 4									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	151.1	115.2	84.3	58.3	37.1	20.8	9.2	2.3	0.0
As1	750.	750.	750.	750.	750.	750.	750.	750.	750.
As2	750.	750.	750.	750.	750.	750.	750.	750.	750.
	V1	V2		M1/m		M2/m		T	
V	153.39	0.00		M/m	17.11	17.85		T	-1.040
Asv/s	0.584	0.584		As/m	750.	750.		Astl	0.
MEMBER 59=====AXIS---- 13---- 1									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	0.0	1.6	6.3	14.4	25.9	40.8	69.2	81.4	107.2
As1	750.	750.	750.	750.	750.	750.	750.	750.	750.

As2	750.	750.	750.	750.	750.	750.	750.	750.	750.
	V1	V2			M1/m	M2/m		T	
V	0.00	110.81		M/m	12.36	13.56		T	-3.650
Asv/s	0.584	0.584		As/m	750.	750.		Astl	0.
MEMBER 60=====AXIS---- 13---- 2									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	121.4	20.1	-49.4	-85.7	-86.7	-48.7	32.9	163.5	348.1
As1	750.	750.	750.	750.	750.	750.	750.	750.	1132.
As2	750.	750.	750.	750.	750.	750.	750.	750.	1136.
	V1	V2			M1/m	M2/m		T	
V	135.29	246.44		M/m	17.52	21.48		T	-6.674
Asv/s	0.584	0.584		As/m	750.	750.		Astl	0.
MEMBER 61=====AXIS---- 13---- 3									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	344.1	160.3	30.2	-51.0	-88.8	-88.0	-52.1	16.9	117.6
As1	1118.	750.	750.	750.	750.	750.	750.	750.	750.
As2	1122.	750.	750.	750.	750.	750.	750.	750.	750.
	V1	V2			M1/m	M2/m		T	
V	245.55	134.61		M/m	17.54	21.48		T	-5.648
Asv/s	0.584	0.584		As/m	750.	750.		Astl	0.
MEMBER 62=====AXIS---- 13---- 4									
	M1	M2	M3	M4	M5	M6	M7	M8	M9
M	108.2	82.2	59.9	41.2	26.2	14.6	6.4	1.6	0.0
As1	750.	750.	750.	750.	750.	750.	750.	750.	750.
As2	750.	750.	750.	750.	750.	750.	750.	750.	750.
	V1	V2			M1/m	M2/m		T	
V	111.68	0.00		M/m	12.46	13.59		T	-2.120
Asv/s	0.584	0.584		As/m	750.	750.		Astl	0.
=====END=====									



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