TABLES

TABLE 1

MOTION PICTURE SCENE GUIDE

1. Introduction
2. Purposes for model testing
3. Procedures for conducting tests
4. Specific flow visualization scenes for

HONG KONG - TAIKOO SHING

Configuration A

Run	Azimuth, °
1	0
2	45
3	90
4	135
5	180
6	225
7	270
8	315

Configuration B

Run	Azimuth, °
9	135
10	180

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

TAIKOO SHING CITYPLAZA, UNMODIFIED HILL

(Configuration A)

LOCATION 1

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	14.8	9.1	42.0
22.50	19.6	10.3	50.4
45.00	28.9	9.8	58.2
67.50	35.9	9.0	63.0
90.00	35.5	9.2	63.1
112.50	26.9	11.6	61.8
135.00	15.9	9.1	43.3
157.50	5.5	4.5	19.0
180.00	11.4	4.8	25.7
202.50	7.6	5.9	25.1
225.00	18.7	10.7	50.6
247.50	31.9	11.7	67.0
270.00	34.4	10.2	65.0
292.50	34.1	10.0	64.0
315.00	25.6	9.3	53.5
337.50	19.6	8.9	46.3

LOCATION 2

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	23.2	12.3	60.1
22.50	28.9	14.0	70.8
45.00	23.9	12.8	62.4
67.50	22.6	12.9	61.3
90.00	15.4	8.9	42.2
112.50	11.8	5.7	28.9
135.00	9.1	4.7	23.1
157.50	4.8	3.3	14.6
180.00	9.2	3.6	20.1
202.50	5.2	3.5	15.7
225.00	3.9	2.1	10.2
247.50	6.5	3.9	18.2
270.00	4.7	2.7	12.9
292.50	11.8	7.3	33.7
315.00	26.4	11.0	59.5
337.50	26.0	12.5	63.5

LOCATION 3

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	30.1	17.3	82.1
22.50	17.4	11.8	52.7
45.00	9.3	5.2	24.9
67.50	6.5	3.3	16.4
90.00	5.7	3.6	16.5
112.50	6.9	4.8	21.2
135.00	11.7	7.1	32.9
157.50	6.8	4.8	21.2
180.00	14.3	6.5	33.8
202.50	5.6	3.4	15.7
225.00	5.8	4.1	18.1
247.50	7.2	3.8	18.7
270.00	8.8	4.6	22.7
292.50	12.0	6.3	30.8
315.00	11.5	4.9	26.0
337.50	21.1	9.4	49.3

LOCATION 4

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	60.5	10.2	91.0
22.50	66.6	11.1	100.0
45.00	65.0	11.1	98.4
67.50	47.4	10.1	77.7
90.00	26.6	7.0	47.7
112.50	7.3	3.8	18.7
135.00	18.8	6.3	37.6
157.50	17.3	6.1	35.5
180.00	20.0	5.2	35.6
202.50	6.7	4.2	19.3
225.00	7.2	5.0	22.1
247.50	5.3	3.3	15.2
270.00	6.4	4.1	18.7
292.50	9.0	4.7	23.2
315.00	20.2	16.3	69.0
337.50	59.9	12.0	95.8

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

TAIKOO SHING CITYPLAZA, UNMODIFIED HILL

(Configuration A)

LOCATION 5

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	30.2	12.8	68.4
22.50	23.6	14.6	67.5
45.00	13.4	7.0	34.5
67.50	9.3	4.8	23.7
90.00	5.8	3.1	15.0
112.50	2.7	1.5	7.1
135.00	12.9	6.4	32.1
157.50	4.1	2.8	12.5
180.00	13.0	7.4	35.3
202.50	6.5	4.0	18.5
225.00	9.3	4.9	23.8
247.50	6.6	4.2	19.3
270.00	7.3	4.7	21.5
292.50	8.5	5.0	23.5
315.00	6.0	3.5	16.5
337.50	21.1	10.2	51.6

LOCATION 6

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	30.4	14.8	74.6
22.50	29.5	14.7	73.5
45.00	12.6	7.9	36.4
67.50	10.8	6.5	30.4
90.00	8.3	4.4	21.5
112.50	3.3	2.0	9.2
135.00	8.5	5.5	24.9
157.50	4.1	3.1	13.5
180.00	12.9	6.0	31.0
202.50	6.1	4.6	19.9
225.00	9.2	6.0	27.1
247.50	8.3	5.6	25.2
270.00	7.9	5.1	23.1
292.50	11.0	5.5	27.5
315.00	10.5	5.7	27.4
337.50	21.4	12.5	59.0

LOCATION 7

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	53.8	12.5	91.4
22.50	43.5	16.1	91.7
45.00	19.9	15.6	66.7
67.50	22.1	10.4	53.5
90.00	15.4	7.0	36.6
112.50	3.2	2.4	10.4
135.00	8.6	4.3	21.4
157.50	11.8	6.2	30.5
180.00	19.6	5.9	37.3
202.50	9.5	5.2	25.1
225.00	4.5	3.0	13.4
247.50	5.3	3.6	16.0
270.00	5.5	3.9	17.2
292.50	6.7	4.4	20.0
315.00	18.0	7.4	40.1
337.50	44.9	13.1	84.1

LOCATION 8

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	12.7	7.9	36.2
22.50	9.9	5.3	25.9
45.00	14.7	6.0	32.6
67.50	5.4	3.8	16.8
90.00	7.5	4.5	20.9
112.50	9.5	6.4	28.6
135.00	21.7	12.3	58.6
157.50	9.3	6.1	27.6
180.00	16.7	8.3	41.7
202.50	5.0	2.4	12.2
225.00	8.3	3.9	20.1
247.50	12.0	5.6	28.7
270.00	5.1	2.9	13.9
292.50	12.7	9.3	40.6
315.00	16.1	7.1	37.4
337.50	32.4	9.8	61.9

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

TAIKOO SHING CITYPLAZA, UNMODIFIED HILL

(Configuration A)

LOCATION 9

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	10.3	6.0	28.3
22.50	7.6	4.9	22.2
45.00	14.7	7.2	36.3
67.50	5.9	4.1	18.3
90.00	6.1	3.5	16.6
112.50	15.4	9.6	44.2
135.00	20.2	10.4	51.3
157.50	12.0	8.3	36.9
180.00	16.2	9.2	43.8
202.50	14.0	7.2	35.6
225.00	4.7	3.2	14.2
247.50	4.8	2.5	12.4
270.00	3.8	1.9	9.6
292.50	6.7	4.2	19.2
315.00	10.5	6.1	28.8
337.50	13.6	8.1	37.9

LOCATION 10

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	16.0	7.6	38.9
22.50	21.9	8.9	48.5
45.00	16.1	6.1	34.5
67.50	7.8	4.2	20.4
90.00	9.6	5.6	26.5
112.50	16.0	8.4	41.3
135.00	23.3	12.1	59.5
157.50	8.0	6.5	27.6
180.00	12.3	5.6	29.1
202.50	8.4	6.5	27.9
225.00	6.4	4.1	18.6
247.50	8.8	4.5	22.2
270.00	6.2	3.5	16.7
292.50	4.7	2.7	12.9
315.00	14.2	6.1	32.4
337.50	22.0	6.1	40.3

LOCATION 11

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	7.3	4.2	19.8
22.50	6.8	3.8	18.1
45.00	11.2	7.1	32.7
67.50	5.7	3.7	17.0
90.00	10.5	6.1	28.9
112.50	18.4	8.5	43.8
135.00	20.9	11.3	54.8
157.50	13.9	9.9	43.5
180.00	13.7	8.2	38.4
202.50	9.8	6.9	30.5
225.00	4.8	3.8	16.3
247.50	4.6	2.9	13.2
270.00	3.7	1.9	9.5
292.50	8.3	4.8	22.9
315.00	11.0	6.7	31.2
337.50	13.7	7.5	36.2

LOCATION 12

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	23.1	15.9	70.9
22.50	19.2	14.4	62.4
45.00	18.1	14.0	60.2
67.50	21.6	12.6	59.3
90.00	7.2	6.4	26.5
112.50	24.8	16.8	75.1
135.00	39.3	14.6	83.2
157.50	19.8	13.1	59.1
180.00	20.1	10.5	51.7
202.50	25.4	16.1	73.5
225.00	22.0	11.8	57.3
247.50	26.5	15.7	73.5
270.00	9.5	8.9	36.1
292.50	10.8	8.2	35.4
315.00	27.4	16.3	76.3
337.50	22.2	15.4	68.3

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

TAIKOO SHING CITYPLAZA, UNMODIFIED HILL

(Configuration A)

LOCATION 13

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	8.1	5.6	24.9
22.50	11.4	7.3	33.4
45.00	5.9	4.1	18.4
67.50	4.5	3.2	14.1
90.00	2.2	1.4	6.5
112.50	5.4	4.1	17.7
135.00	23.4	9.6	52.1
157.50	7.0	5.3	22.9
180.00	13.0	8.3	37.9
202.50	8.1	6.7	28.2
225.00	6.8	5.3	22.7
247.50	7.1	5.0	22.2
270.00	6.0	3.9	17.9
292.50	2.6	1.6	7.4
315.00	8.3	6.0	26.3
337.50	5.7	3.8	17.0

LOCATION 14

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	18.0	10.8	50.6
22.50	25.3	11.9	61.0
45.00	16.8	8.2	41.5
67.50	9.2	5.6	26.0
90.00	2.4	1.5	6.8
112.50	5.9	4.4	19.0
135.00	25.1	10.1	55.5
157.50	10.3	7.5	32.9
180.00	13.2	6.2	31.7
202.50	8.8	6.9	29.5
225.00	6.9	4.9	21.6
247.50	9.9	5.7	26.9
270.00	7.0	4.3	19.9
315.00	11.6	8.7	37.6
337.50	10.5	6.9	31.2

LOCATION 15

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	12.6	7.7	35.7
22.50	13.7	8.2	38.5
45.00	11.1	7.8	34.4
67.50	4.8	3.1	13.9
90.00	3.3	2.0	9.4
112.50	4.0	2.3	11.0
135.00	4.2	2.8	12.4
157.50	10.9	7.2	32.5
180.00	12.8	7.4	35.1
202.50	12.4	8.2	37.0
225.00	19.4	8.5	44.9
247.50	16.0	7.0	36.8
270.00	10.6	5.6	27.5
292.50	5.5	3.9	17.3
315.00	6.0	4.1	18.2
337.50	13.1	8.9	39.9

LOCATION 16

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	16.1	7.7	39.3
22.50	16.3	8.6	42.1
45.00	9.4	5.6	26.3
67.50	4.7	3.1	14.0
90.00	1.8	1.4	5.9
112.50	3.5	2.8	11.8
135.00	14.4	7.8	37.8
157.50	5.9	4.7	19.9
180.00	12.1	5.8	29.5
202.50	10.3	8.1	34.6
225.00	11.9	7.9	35.5
247.50	15.7	9.6	44.5
270.00	11.7	7.4	33.9
292.50	7.0	4.0	19.0
315.00	14.5	7.4	36.6
337.50	15.1	6.1	33.4

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

TAIKOO SHING CITYPLAZA, UNMODIFIED HILL

(Configuration A)

LOCATION 17

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	11.0	7.6	33.7
22.50	9.0	5.7	26.1
45.00	12.7	6.9	33.5
67.50	5.6	3.7	16.6
90.00	4.9	2.8	13.4
112.50	10.2	4.5	23.8
135.00	6.3	3.9	18.0
157.50	9.1	4.8	23.4
180.00	6.1	4.1	18.4
202.50	8.1	6.2	26.7
225.00	11.7	6.4	30.9
247.50	15.9	7.2	37.5
270.00	11.4	5.1	26.9
292.50	6.3	3.9	17.9
315.00	4.0	2.5	11.4
337.50	11.8	5.5	28.2

LOCATION 18

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	36.3	13.2	75.8
22.50	39.6	11.1	72.9
45.00	32.3	8.2	56.9
67.50	8.5	5.3	24.5
90.00	5.0	3.0	14.1
112.50	6.3	3.5	16.8
135.00	5.2	3.5	15.7
157.50	7.1	5.1	22.2
180.00	23.4	11.5	57.8
202.50	12.0	9.2	39.7
225.00	22.4	10.9	55.1
247.50	19.3	11.1	52.4
270.00	11.0	6.9	31.8
292.50	11.8	7.1	33.2
315.00	9.9	6.1	28.1
337.50	22.9	10.9	55.6

LOCATION 19

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	15.7	9.9	45.4
22.50	17.6	10.0	47.4
45.00	9.9	5.1	25.4
67.50	7.3	4.0	19.4
90.00	5.6	3.2	15.2
112.50	7.8	4.4	21.1
135.00	5.5	3.5	16.0
157.50	13.3	7.9	37.1
180.00	17.7	8.5	43.3
202.50	15.2	10.3	46.1
225.00	21.9	9.2	49.6
247.50	14.6	8.5	40.2
270.00	8.9	5.0	24.0
292.50	7.5	4.7	21.7
315.00	8.4	4.8	23.0
337.50	12.8	7.1	34.2

LOCATION 20

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	53.9	11.8	89.1
22.50	52.5	9.6	81.4
45.00	30.2	7.9	53.8
67.50	20.2	7.8	43.6
90.00	5.2	3.1	14.3
112.50	8.5	4.8	23.0
135.00	18.1	8.9	44.9
157.50	6.6	3.9	18.2
180.00	8.4	2.9	17.0
202.50	13.5	4.7	27.5
225.00	13.6	5.5	30.0
247.50	15.8	10.3	46.7
270.00	10.2	7.1	31.6
292.50	33.2	9.9	62.9
315.00	31.5	12.2	68.1
337.50	45.7	13.8	87.1

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

TAIKOO SHING CITYPLAZA, UNMODIFIED HILL

(Configuration A)

LOCATION 21

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	33.9	18.4	88.9
22.50	38.8	16.0	86.9
45.00	24.1	11.4	58.1
67.50	27.9	10.4	59.0
90.00	12.2	7.3	34.1
112.50	7.6	4.0	19.5
135.00	5.3	2.8	13.8
157.50	10.6	7.8	33.9
180.00	21.0	8.8	47.4
202.50	14.8	8.2	39.4
225.00	15.7	7.9	39.5
247.50	21.5	9.1	48.8
270.00	8.0	4.0	19.8
292.50	22.9	11.3	56.8
315.00	23.9	13.4	64.2
337.50	28.1	15.9	75.7

LOCATION 22

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	19.2	13.5	59.6
22.50	29.1	16.6	78.9
45.00	13.5	8.6	39.3
67.50	12.7	7.3	34.5
90.00	7.2	4.3	20.2
112.50	4.7	3.4	14.9
135.00	5.1	3.0	14.2
157.50	11.0	5.6	27.9
180.00	8.2	3.6	19.0
202.50	5.9	4.3	18.8
225.00	5.9	3.3	15.7
247.50	7.1	4.5	20.7
270.00	8.8	5.3	24.7
292.50	10.5	8.3	35.4
315.00	17.8	12.8	56.3
337.50	17.8	12.8	56.1

LOCATION 23

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	28.7	16.1	77.0
22.50	17.2	14.0	59.1
45.00	11.0	9.0	38.1
67.50	16.9	9.3	44.9
90.00	12.5	8.1	36.7
112.50	8.6	6.2	27.1
135.00	5.9	4.1	18.3
157.50	8.4	5.5	24.8
180.00	13.8	6.2	32.5
202.50	7.9	5.6	24.6
225.00	6.5	3.5	17.2
247.50	7.1	4.4	20.4
270.00	11.0	6.0	29.0
292.50	13.9	8.9	40.6
315.00	24.7	15.9	72.3
337.50	33.8	16.8	84.2

LOCATION 24

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	26.9	10.6	58.6
22.50	21.1	9.8	50.6
45.00	8.9	5.2	24.3
67.50	13.0	6.5	32.5
90.00	10.3	6.2	28.9
112.50	9.3	5.3	25.3
135.00	10.0	7.1	31.5
157.50	11.6	6.5	31.1
180.00	14.0	7.0	34.9
202.50	11.0	3.0	20.0
225.00	11.0	2.9	19.8
247.50	12.5	5.9	30.1
270.00	15.2	5.0	30.2
292.50	27.1	7.3	49.1
315.00	20.8	8.2	45.5
337.50	27.4	10.1	57.6

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

TAIKOO SHING CITYPLAZA, UNMODIFIED HILL

(Configuration A)

LOCATION 25

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	59.6	11.6	94.6
22.50	42.2	10.5	73.6
45.00	22.5	15.6	69.4
67.50	7.5	4.8	21.9
90.00	9.3	5.7	26.5
112.50	7.4	4.1	19.8
135.00	6.9	4.1	19.3
157.50	8.3	5.9	25.9
180.00	21.3	5.7	38.4
202.50	23.1	6.6	42.9
225.00	15.2	5.7	32.4
247.50	4.9	3.8	16.2
270.00	14.1	9.1	41.3
292.50	36.5	12.6	74.4
315.00	63.3	13.6	104.1
337.50	67.2	12.8	105.5

LOCATION 26

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	16.6	9.7	45.6
22.50	13.5	7.7	36.6
45.00	13.5	7.4	35.8
67.50	12.7	7.1	34.0
90.00	8.4	4.7	22.5
112.50	5.4	2.9	14.2
135.00	4.5	2.4	11.6
157.50	5.2	3.8	16.7
180.00	8.6	3.3	18.6
202.50	6.4	4.4	19.5
225.00	8.2	4.6	22.1
247.50	5.1	2.9	13.8
270.00	6.8	4.4	20.0
292.50	12.2	6.7	32.4
315.00	28.4	12.0	64.5
337.50	26.2	13.3	66.1

LOCATION 27

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	15.1	10.2	45.7
22.50	16.0	11.3	49.9
45.00	12.4	7.6	35.3
67.50	11.4	7.1	32.6
90.00	7.9	6.0	25.8
112.50	4.9	3.9	16.7
135.00	3.2	2.4	10.4
157.50	5.4	3.5	15.9
180.00	10.7	4.9	25.3
202.50	10.1	3.1	19.5
225.00	10.6	3.5	21.1
247.50	5.3	4.1	17.6
270.00	7.3	5.5	23.6
292.50	11.3	6.9	32.1
315.00	29.5	14.5	72.9
337.50	24.7	14.4	67.9

LOCATION 28

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	33.8	12.8	72.1
22.50	28.5	12.7	66.5
45.00	25.7	10.5	57.3
67.50	21.9	9.5	50.5
90.00	13.0	5.5	29.4
112.50	10.8	6.9	31.4
135.00	6.4	5.2	21.9
157.50	15.9	11.0	48.8
180.00	15.7	10.0	45.6
202.50	23.6	10.3	54.5
225.00	17.3	9.5	45.8
247.50	15.1	8.0	39.1
270.00	9.4	4.4	22.6
292.50	14.4	7.3	36.2
315.00	21.3	9.9	50.9
337.50	32.7	13.2	72.2

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

TAIKOO SHING CITYPLAZA, UNMODIFIED HILL

(Configuration A)

LOCATION 29

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	9.9	6.4	29.1
22.50	13.8	8.5	39.3
45.00	13.7	7.8	37.1
67.50	8.9	5.3	24.7
90.00	5.0	3.1	14.3
112.50	5.2	3.5	15.8
135.00	6.3	3.7	17.6
157.50	8.3	4.6	22.0
180.00	9.5	3.8	21.0
202.50	3.5	2.7	11.5
225.00	5.6	3.5	16.3
247.50	3.9	2.0	10.0
270.00	5.6	3.4	15.7
292.50	10.1	6.1	28.3
315.00	10.9	6.1	29.3
337.50	12.4	8.5	37.8

LOCATION 30

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	18.3	10.8	50.6
22.50	22.4	10.5	53.9
45.00	22.4	10.0	52.3
67.50	20.5	11.2	54.1
90.00	8.4	5.0	23.5
112.50	6.1	3.4	16.5
135.00	7.0	4.7	21.2
157.50	6.6	4.3	19.4
180.00	12.0	5.2	27.6
202.50	4.9	3.3	14.9
225.00	8.8	2.2	15.3
247.50	4.9	2.9	13.5
270.00	6.7	4.2	19.1
292.50	8.9	5.7	26.0
315.00	21.3	13.2	61.0
337.50	19.8	10.9	52.6

LOCATION 31

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	23.7	11.9	59.5
22.50	20.4	10.4	51.6
45.00	13.5	7.6	36.4
67.50	10.5	6.3	29.5
90.00	8.2	4.6	21.9
112.50	7.3	4.3	20.1
135.00	11.2	6.3	30.0
157.50	28.3	12.8	66.6
180.00	23.0	7.9	46.7
202.50	20.5	9.8	49.8
225.00	15.8	6.6	35.7
247.50	14.1	9.3	42.0
270.00	6.5	4.7	20.6
292.50	10.1	6.1	28.4
315.00	10.3	6.8	30.7
337.50	18.9	10.8	51.2

LOCATION 32

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	39.7	14.4	82.8
22.50	32.3	11.4	66.6
45.00	16.6	7.9	40.3
67.50	11.8	6.8	32.3
90.00	5.8	3.8	17.3
112.50	7.2	4.7	21.4
135.00	19.4	9.2	47.0
157.50	31.6	12.8	70.1
180.00	26.3	8.2	51.0
202.50	15.5	10.7	47.4
225.00	6.9	4.9	21.7
247.50	11.3	7.0	32.2
270.00	8.1	5.4	24.2
292.50	17.1	7.3	39.0
315.00	8.2	6.3	27.2
337.50	27.6	14.4	70.8

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

TAIKOO SHING CITYPLAZA, UNMODIFIED HILL

(Configuration A)

LOCATION 33

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	34.2	12.0	70.2
22.50	28.9	11.1	62.4
45.00	17.9	7.3	39.8
67.50	15.8	5.4	32.1
90.00	12.6	8.0	36.7
112.50	13.3	8.0	37.4
135.00	21.1	12.7	59.1
157.50	21.6	12.1	57.7
180.00	19.7	8.6	45.6
202.50	10.2	7.4	32.3
225.00	7.1	5.0	22.0
247.50	12.2	6.5	31.5
270.00	13.4	6.9	34.3
292.50	14.1	6.0	32.1
315.00	16.0	6.4	35.4
337.50	20.9	10.2	51.5

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

TAIKOO SHING CITYPLAZA, UNMODIFIED HILL

(Configuration A)

* * GREATEST VALUES * *

UMEAN/UINF (PERCENT)

LOC	AZ	MEAN	RMS	M+3RMS
25	337.5	67.2	12.8	105.5
4	22.5	66.6	11.1	100.0
4	45.0	65.0	11.1	98.4
25	315.0	63.3	13.6	104.1
4	0.0	60.5	10.2	91.0
4	337.5	59.9	12.0	95.8
25	0.0	59.6	11.6	94.6
20	0.0	53.9	11.8	89.1
7	0.0	53.8	12.5	91.4
20	22.5	52.5	9.6	81.4

URMS/UINF (PERCENT)

LOC	AZ	MEAN	RMS	M+3RMS
21	0.0	33.9	18.4	88.9
3	0.0	30.1	17.3	82.1
23	337.5	33.8	16.8	84.2
12	112.5	24.8	16.8	75.1
22	22.5	29.1	16.6	78.9
12	315.0	27.4	16.3	76.3
4	315.0	20.2	16.3	69.0
23	0.0	28.7	16.1	77.0
7	22.5	43.5	16.1	91.7
12	202.5	25.4	16.1	73.5

UMEAN+3*RMS/UINF (PERCENT)

LOC	AZ	MEAN	RMS	M+3RMS
25	337.5	67.2	12.8	105.5
25	315.0	63.3	13.6	104.1
4	22.5	66.6	11.1	100.0
4	45.0	65.0	11.1	98.4
4	337.5	59.9	12.0	95.8
25	0.0	59.6	11.6	94.6
7	22.5	43.5	16.1	91.7
7	0.0	53.8	12.5	91.4
4	0.0	60.5	10.2	91.0
20	0.0	53.9	11.8	89.1

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

TAIKOO SHING CITYPLAZA, MODIFIED HILL

(Configuration C)

LOCATION 1

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	18.7	9.0	45.7
157.50	13.1	7.7	36.1
180.00	9.1	6.2	27.6
202.50	10.6	6.8	31.0
225.00	20.2	11.4	54.4
247.50	27.8	11.2	61.3
270.00	34.4	10.2	65.0

LOCATION 2

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	9.9	5.0	24.8
157.50	9.4	4.6	23.0
180.00	5.1	3.1	14.3
202.50	4.4	2.6	12.2
225.00	4.7	1.9	10.5
247.50	8.2	4.2	20.8
270.00	4.7	2.7	12.8

LOCATION 3

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	11.8	5.2	27.5
157.50	16.8	9.6	45.6
180.00	5.8	3.6	16.7
202.50	4.7	4.2	17.2
225.00	11.1	4.0	23.1
247.50	4.2	3.3	14.1
270.00	8.8	4.6	22.6

LOCATION 4

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	18.1	5.1	33.3
157.50	21.9	6.0	40.0
270.00	6.4	4.1	18.7
180.00	10.6	4.9	25.3
202.50	4.4	2.7	12.6
225.00	7.9	4.7	22.1
247.50	6.6	3.4	17.0

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

TAIKOO SHING CITYPLAZA, MODIFIED HILL

(Configuration C)

LOCATION 5

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	8.4	3.6	19.1
157.50	8.0	2.6	15.9
180.00	3.1	2.7	11.3
202.50	3.4	3.0	12.5
225.00	13.9	5.5	30.4
247.50	7.3	5.0	22.2
270.00	7.3	4.7	21.4

LOCATION 6

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	9.8	4.5	23.3
157.50	9.9	6.0	28.0
180.00	4.1	2.7	12.1
202.50	4.8	3.4	15.0
225.00	12.4	7.1	33.7
247.50	6.9	4.8	21.2
270.00	7.9	5.1	23.2

LOCATION 7

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	13.2	4.8	27.7
157.50	13.6	5.8	30.9
180.00	5.1	3.4	15.2
202.50	4.7	2.6	12.6
225.00	4.8	2.3	11.9
247.50	7.7	4.4	20.9
270.00	5.5	3.9	17.2

LOCATION 8

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	16.3	7.6	39.1
157.50	16.8	5.4	33.0
180.00	8.4	3.5	19.0
202.50	8.4	3.7	19.5
225.00	7.6	3.3	17.6
247.50	9.4	4.1	21.8
270.00	5.1	2.9	13.8

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

TAIKOO SHING CITYPLAZA, MODIFIED HILL

(Configuration C)

LOCATION 9

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	36.8	14.0	78.9
157.50	19.2	8.3	44.1
180.00	6.8	5.0	21.8
202.50	6.7	4.9	21.3
225.00	8.0	2.9	16.7
247.50	2.9	1.7	8.1
270.00	3.8	1.9	9.5

LOCATION 10

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	24.6	10.1	54.9
157.50	13.4	7.4	35.5
180.00	8.7	5.4	24.8
202.50	6.5	4.8	20.8
225.00	9.5	2.3	16.4
247.50	6.8	2.1	13.2
270.00	6.2	3.5	16.7

LOCATION 11

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	23.9	9.7	53.1
157.50	21.3	8.1	45.7
180.00	6.7	5.4	22.8
202.50	8.1	5.4	24.4
225.00	9.5	4.5	23.0
247.50	6.3	2.0	12.3
270.00	3.7	1.9	9.4

LOCATION 12

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	43.3	13.8	84.7
157.50	32.2	15.0	77.2
180.00	16.1	9.3	44.1
202.50	22.6	13.2	62.2
225.00	7.3	4.5	21.0
247.50	17.3	7.9	41.0
270.00	9.5	8.9	36.2

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

TAIKOO SHING CITYPLAZA, MODIFIED HILL

(Configuration C)

LOCATION 13

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	25.2	8.6	51.1
157.50	9.2	4.2	21.7
180.00	12.4	8.8	38.7
202.50	8.1	6.5	27.6
225.00	7.3	3.0	16.3
247.50	8.8	3.9	20.6
270.00	6.0	3.9	17.7

LOCATION 14

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	23.5	9.4	51.5
157.50	11.0	5.8	28.5
180.00	11.0	8.1	35.2
202.50	8.5	6.4	27.8
225.00	8.8	3.4	19.0
247.50	10.5	4.8	24.9
270.00	7.0	4.3	19.9

LOCATION 15

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	8.2	3.2	17.7
157.50	13.5	6.6	33.4
180.00	11.5	6.2	30.2
202.50	8.5	5.5	25.0
225.00	12.2	4.6	26.0
247.50	18.2	8.5	43.7
270.00	10.6	5.6	27.4

LOCATION 16

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	25.5	8.7	51.7
157.50	5.8	3.4	16.1
180.00	9.8	6.7	29.8
202.50	9.2	7.6	32.2
225.00	10.5	2.6	18.3
247.50	16.3	6.6	36.2
270.00	11.7	7.4	33.9

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

TAIKOO SHING CITYPLAZA, MODIFIED HILL

(Configuration C)

LOCATION 17

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	9.0	3.5	19.4
157.50	11.7	4.4	24.9
180.00	9.1	5.5	25.7
202.50	6.9	4.7	20.9
225.00	4.5	1.9	10.2
247.50	13.1	4.9	27.8
270.00	11.4	5.1	26.7

LOCATION 18

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	7.5	2.5	15.0
157.50	9.0	3.7	20.2
180.00	15.9	8.7	42.1
202.50	7.5	4.7	21.5
225.00	5.2	2.9	13.8
247.50	18.3	10.4	49.5
270.00	11.0	6.9	31.7

LOCATION 19

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	7.6	2.9	16.4
157.50	11.9	5.8	29.4
180.00	14.0	8.0	37.9
202.50	11.5	8.1	35.8
225.00	7.1	3.7	18.2
247.50	14.9	7.1	36.2
270.00	8.9	5.0	23.9

LOCATION 20

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	20.2	9.0	47.1
157.50	13.6	4.9	28.4
180.00	8.4	5.1	23.8
202.50	7.0	4.4	20.2
225.00	10.9	6.4	30.2
247.50	17.4	6.2	36.0
270.00	10.2	7.1	31.5

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

TAIKOO SHING CITYPLAZA, MODIFIED HILL

(Configuration C)

LOCATION 21

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	15.2	6.1	33.6
157.50	13.9	8.1	38.1
180.00	15.6	8.9	42.2
202.50	13.9	7.9	37.6
225.00	7.6	4.1	20.0
247.50	11.6	7.3	33.5
270.00	8.0	4.0	20.0

LOCATION 22

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	14.2	4.0	26.4
157.50	14.5	5.4	30.6
180.00	5.0	3.1	14.3
202.50	4.0	2.6	11.8
225.00	5.4	2.6	13.0
247.50	9.5	4.1	21.7
270.00	8.8	5.3	24.7

LOCATION 23

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	10.5	4.4	23.6
157.50	11.2	6.1	29.6
180.00	11.0	6.3	30.0
202.50	6.0	4.3	18.9
225.00	6.0	2.9	14.8
247.50	7.1	3.7	18.4
270.00	11.0	6.0	29.0

LOCATION 24

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	12.9	5.7	30.2
157.50	12.1	5.0	27.0
180.00	7.4	4.4	20.5
202.50	6.0	4.6	19.7
225.00	6.5	1.5	11.0
247.50	6.6	3.2	16.3
270.00	15.2	5.0	30.2

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

TAIKOO SHING CITYPLAZA, MODIFIED HILL

(Configuration C)

LOCATION 25

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	11.0	5.0	26.0
157.50	10.7	5.8	28.1
180.00	14.8	6.1	33.0
202.50	15.4	6.3	34.4
225.00	9.1	3.8	20.6
247.50	7.6	3.9	19.3
270.00	14.1	9.1	41.4

LOCATION 26

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	7.7	2.9	16.3
157.50	8.0	4.4	21.2
180.00	4.4	2.5	11.8
202.50	9.7	5.6	26.4
225.00	13.7	3.8	25.1
247.50	16.2	6.1	34.4
270.00	6.8	4.4	20.0

LOCATION 27

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	7.7	2.8	16.2
157.50	9.1	3.8	20.4
180.00	5.4	4.0	17.5
202.50	5.3	4.0	17.4
225.00	12.4	3.6	23.2
247.50	12.5	4.7	26.5
270.00	7.3	5.5	23.8

LOCATION 28

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	12.1	6.4	31.2
157.50	19.9	9.9	49.8
180.00	15.8	10.4	47.0
202.50	15.0	10.4	46.2
225.00	3.6	1.6	8.4
247.50	14.6	6.3	33.5
270.00	9.4	4.4	22.6

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

TAIKOO SHING CITYPLAZA, MODIFIED HILL

(Configuration C)

LOCATION 29

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	7.6	3.2	17.4
157.50	8.5	4.2	21.1
180.00	2.5	1.6	7.3
202.50	3.8	2.7	11.9
225.00	7.5	3.5	18.1
247.50	8.0	3.9	19.6
270.00	5.6	3.4	15.8

LOCATION 30

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	7.9	2.9	16.7
157.50	7.3	3.8	18.8
180.00	5.4	3.1	14.7
202.50	5.4	3.4	15.6
225.00	11.4	2.7	19.5
247.50	10.3	2.7	18.4
270.00	6.7	4.2	19.3

LOCATION 31

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	30.6	10.1	61.0
157.50	33.0	9.5	61.6
180.00	27.2	10.5	58.7
202.50	8.3	6.8	28.8
225.00	10.2	5.4	26.5
247.50	11.7	5.3	27.5
270.00	12.4	5.9	30.2

LOCATION 32

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	42.4	12.0	78.5
157.50	37.9	11.5	72.4
180.00	29.7	9.5	58.3
202.50	7.1	4.7	21.3
225.00	7.0	3.6	17.8
247.50	12.2	3.8	23.6
270.00	16.8	6.5	36.2

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

TAIKOO SHING CITYPLAZA, MODIFIED HILL

(Configuration C)

LOCATION 33

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
135.00	36.1	14.1	78.4
157.50	22.6	12.0	58.6
180.00	18.7	10.4	49.8
202.50	8.9	6.0	26.8
225.00	10.5	5.1	25.9
247.50	13.2	3.5	23.5
270.00	21.8	7.0	42.6

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

TAIKOO SHING CITYPLAZA, MODIFIED HILL

* * GREATEST VALUES * *

UMEAN/UINF (PERCENT)

LOC	AZ	MEAN	RMS	M+3RMS
12	135.0	43.3	13.8	84.7
32	135.0	42.4	12.0	78.5
32	157.5	37.9	11.5	72.4
9	135.0	36.8	14.0	78.9
33	135.0	36.1	14.1	78.4
1	270.0	34.4	10.2	65.0
31	157.5	33.0	9.5	61.6
12	157.5	32.2	15.0	77.2
31	135.0	30.6	10.1	61.0
32	180.0	29.7	9.5	58.3

URMS/UINF (PERCENT)

LOC	AZ	MEAN	RMS	M+3RMS
12	157.5	32.2	15.0	77.2
33	135.0	36.1	14.1	78.4
9	135.0	36.8	14.0	78.9
12	135.0	43.3	13.8	84.7
12	202.5	22.6	13.2	62.2
32	135.0	42.4	12.0	78.5
33	157.5	22.6	12.0	58.6
32	157.5	37.9	11.5	72.4
1	225.0	20.2	11.4	54.4
1	247.5	27.8	11.2	61.3

UMEAN+3*RMS/UINF (PERCENT)

LOC	AZ	MEAN	RMS	M+3RMS
12	135.0	43.3	13.8	84.7
9	135.0	36.8	14.0	78.9
32	135.0	42.4	12.0	78.5
33	135.0	36.1	14.1	78.4
12	157.5	32.2	15.0	77.2
32	157.5	37.9	11.5	72.4
1	270.0	34.4	10.2	65.0
12	202.5	22.6	13.2	62.2
31	157.5	33.0	9.5	61.6
1	247.5	27.8	11.2	61.3

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

HONG KONG ROYAL OBSERVATORY (1946-1962)

SEASON : ANNUAL NO. OF OBS.= 29664 HT. OF MEAS.= 109. FT.

VELOCITY LEVELS IN MPH

DIRECTION	0- 7	8-18	19-31	32-46	47-58	59 +	TOTAL
N	2.55	2.39	.12	0.00	0.00	0.00	5.06
NNE	1.88	3.11	.23	0.00	0.00	0.00	5.22
NE	1.40	1.32	.10	0.00	0.00	0.00	2.82
ENE	2.20	4.60	1.32	.08	.03	0.00	8.23
E	7.61	24.54	5.60	.23	0.00	0.00	37.98
ESE	2.10	5.26	.30	.05	0.00	0.00	7.71
SE	1.18	1.00	.08	0.00	0.00	0.00	2.26
SSE	1.08	.63	.03	0.00	0.00	0.00	1.74
S	2.09	2.04	.10	0.00	0.00	0.00	4.23
SSW	1.06	1.66	.13	0.00	0.00	0.00	2.85
SW	1.06	2.19	.28	0.00	0.00	0.00	3.53
WSW	1.48	1.81	.08	0.00	0.00	0.00	3.37
W	2.81	2.23	.03	0.00	0.00	0.00	5.07
WNW	.88	.45	.03	0.00	0.00	0.00	1.36
NW	.45	.17	0.00	0.00	0.00	0.00	.62
NNW	.65	.27	.03	0.00	0.00	0.00	.95
CALM	6.79	0.00	0.00	0.00	0.00	0.00	6.79
TOT	37.27	53.67	8.46	.36	.03	0.00	100.00

TABLE 4

SUMMARY OF WIND EFFECTS ON PEOPLE

	Beaufort number	Speed (mph)	Effects
Calm, light air	0, 1	0- 3	Calm, no noticeable wind
Light breeze	2	4- 7	Wind felt on face
Gentle breeze	3	8-12	Wind extends light flag Hair is disturbed Clothing flaps
Moderate breeze	4	13-18	Raises dust, dry soil and loose paper Hair disarranged
Fresh breeze	5	19-24	Force of wind felt on body Drifting snow becomes airborne Limit of agreeable wind on land
Strong breeze	6	25-31	Umbrellas used with difficulty Hair blown straight Difficult to walk steadily Wind noise on ears unpleasant Windborne snow above head height (blizzard)
Near gale	7	32-38	Inconvenience felt when walking
Gale	8	39-46	Generally impedes progress Great difficulty with balance in gusts
Strong gale	9	47-54	People blown over by gusts

Note: Table from Reference 4, p. 40.

TABLE 5

CALCULATION OF REFERENCE PRESSURE

1. Basic wind speed from source of local data*:

   50-yr fastest mean hourly at at 75 m = 49 mps

   Mean hourly gradient wind speed = $49\ (\frac{300}{75})^{.15} = 59.5$ mps

   Reference Pressure = $0.5\ \rho\ U_\infty^2 = (0.613)\ \ (59.5)^2 = \underline{2170\ N/m^2}$

2. Loads for 100-yr recurrence wind:

   100-yr mean hourly at 75 m = 53 mph

   Multiply 50-yr loads by $(\frac{53}{49})^2 = 1.17$

3. Gust load factors to convert hourly mean integrated loads to various gust durations (see Sect. 4.4):

Gust Duration, sec	Gust Load Factor
10 - 15	$(1.4)^2 = 1.96$
30	$(1.32)^2 = 1.74$
45	$(1.26)^2 = 1.59$

   The 30 second gust load factor was used in Table 7.

*Extreme Value Type I analysis of extreme winds measured at Waglan Island--27 yrs of record. Analysis agrees with that of Mackey (Proceedings, Wind Effects on Buildings and Structures, Tokyo, 1971, pp. 3-13) and a separate analysis by Ken Anthony, Ove Arup, London (private transmission, 1981).

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : TAIKOO SHING CITYPLAZA, HONG KONG
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 2170 PA

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK PA	POSITIVE PEAK PA	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK PA	POSITIVE PEAK PA	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK PA	POSITIVE PEAK PA
101	310	-1.09	-2356.9	2148.9	149	310	1.03	-1912.7	2224.3	197	350	1.21	-1336.2	2628.5
102	60	1.03	-2051.9	2236.8	150	40	1.14	-1750.2	2484.2	198	350	.77	-1592.7	1670.1
103	340	-1.37	-2972.6	2277.2	151	40	1.33	-1457.7	2893.0	199	190	-.75	-1631.6	1272.5
104	340	-1.57	-3398.4	2687.2	152	50	.99	-1226.1	2150.4	200	350	.95	-1732.1	2062.3
105	60	-1.21	-2616.7	2129.1	153	30	1.08	-1298.2	2352.3	201	10	.77	-1158.6	1669.6
106	30	.90	-1680.0	1963.2	154	50	.96	-1438.8	2074.5	202	50	.85	-1151.2	1840.3
107	10	.90	-1657.7	1963.4	155	50	1.13	-1064.3	2457.9	203	330	-.84	-1821.3	1186.5
108	260	-1.01	-2188.2	1840.4	156	40	1.02	-1202.8	2203.5	204	350	-.84	-1821.7	1157.6
109	280	-1.34	-2901.7	1838.6	157	50	1.02	-1167.3	2218.3	205	350	-1.32	-2855.7	1713.3
110	20	-.93	-2027.1	1715.6	158	30	1.04	-1817.9	2261.7	206	330	-1.28	-2776.0	1950.1
111	30	-.90	-1952.2	1838.2	159	0	.95	-2048.0	2057.6	207	20	.85	-1473.5	1854.7
112	310	.67	-1115.1	1444.6	160	20	1.08	-2134.1	2348.7	208	30	.89	-1269.0	1922.2
113	290	.76	-1438.6	1643.3	161	50	-1.15	-2498.4	2421.9	209	20	.85	-1142.2	1834.5
114	250	-1.13	-2447.8	1842.9	162	350	1.13	-1885.9	2442.6	210	20	.84	-1790.6	1831.1
115	290	.84	-1751.1	1823.3	163	0	1.21	-1555.5	2615.1	211	340	-.93	-2027.5	1727.8
116	260	-1.87	-4055.0	2304.6	164	350	1.03	-2226.5	2230.8	212	310	.85	-1060.5	1852.8
117	250	-1.12	-2421.1	1600.8	165	250	-.99	-2158.7	1875.1	213	350	.86	-1017.1	1875.6
118	290	-.79	-1708.6	1481.2	166	310	-.66	-1437.6	1437.3	214	340	.94	-1524.7	2033.6
119	100	-1.21	-2633.7	1874.1	167	40	.79	-1513.2	1724.5	215	320	1.06	-1053.5	2298.8
120	70	.93	-1400.8	2010.7	168	40	.77	-1625.2	1679.0	216	320	.95	-1177.9	2063.4
121	130	-.79	-1704.4	1694.3	169	340	-1.52	-3294.9	880.9	217	330	.88	-1432.1	1912.3
122	60	.73	-1391.2	1579.4	170	320	-1.14	-2479.5	1250.3	218	330	.60	-1276.4	1312.2
123	60	.77	-1408.1	1662.5	171	350	-1.37	-2974.5	1797.0	219	50	.62	-1348.1	1352.6
124	30	.75	-1614.1	1619.3	172	340	-1.38	-3003.3	2080.5	220	320	.65	-1122.4	1419.7
125	350	-.95	-2062.2	1895.3	173	20	1.06	-1494.2	2309.7	221	320	.96	-1859.8	2083.9
126	30	-1.15	-2502.5	2047.8	174	30	1.21	-1337.8	2631.8	222	30	.83	-1752.5	1809.5
127	40	-1.29	-2805.2	2074.8	175	10	.96	-1596.7	2083.7	223	330	.68	-1174.2	1481.4
128	330	1.10	-2031.5	2389.1	176	320	-1.05	-2285.5	2158.0	224	150	-.57	-1233.9	1087.0
129	290	-1.05	-2287.5	2269.2	177	330	-1.07	-2332.7	2221.1	225	30	.73	-1211.6	1590.7
130	340	.95	-1994.7	2051.5	178	350	1.00	-1276.6	2160.3	226	50	.87	-1054.1	1892.9
131	10	-.98	-2122.5	1596.7	179	320	.96	-1226.1	2087.3	227	30	.97	-965.5	2098.3
132	350	-1.04	-2253.0	1677.6	180	310	1.05	-1583.9	2286.5	228	40	1.21	-1148.7	2615.6
133	340	-1.26	-2738.6	2295.7	181	340	.99	-1296.3	2152.0	229	50	1.07	-1489.9	2317.7
134	340	-1.39	-3023.9	2106.0	182	310	1.14	-1054.1	2465.8	230	20	.98	-1076.1	2135.9
135	20	.91	-1073.7	1982.2	183	320	.88	-1480.5	1903.1	231	20	.85	-1129.5	1849.4
136	0	.96	-934.0	2084.6	184	330	.77	-1200.1	1677.0	232	40	-1.05	-2284.3	1861.8
137	30	1.07	-1146.5	2314.1	185	20	-.63	-1370.9	1151.9	233	40	-1.05	-2288.5	1926.0
138	280	-1.11	-2417.2	2049.0	186	40	.65	-1362.7	1406.5	234	340	1.05	-1310.6	2269.4
139	350	.97	-1702.5	2098.3	187	30	.83	-1255.3	1804.7	235	340	.82	-1391.9	1769.3
140	340	.89	-1290.7	1926.3	188	40	.96	-1147.8	2083.7	236	350	.76	-1572.4	1656.9
141	330	1.00	-1370.9	2171.4	189	40	1.07	-1090.7	2331.5	237	20	1.05	-2219.3	2268.8
142	320	1.03	-1323.2	2227.1	190	50	.98	-1039.4	2130.4	238	10	.86	-1249.6	1874.7
143	340	.94	-1413.3	2033.6	191	20	1.06	-1062.4	2298.7	239	0	.84	-967.0	1819.1
144	320	.94	-1176.1	2046.7	192	30	.93	-995.4	2028.9	240	10	.76	-1030.9	1641.7
145	320	.86	-1567.0	1855.6	193	0	.87	-1183.4	1891.3	241	320	.84	-1063.2	1828.1
146	330	.90	-1244.3	1954.5	194	40	-.99	-2156.9	2087.3	242	320	.83	-1283.1	1805.5
147	320	.79	-1183.1	1716.9	195	30	-1.38	-2989.7	2246.1	243	40	.90	-1228.9	1958.0
148	0	1.24	-1377.1	2693.1	196	340	1.09	-1890.2	2361.6	244	40	.75	-1368.7	1623.0

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : TAIKOO SHING CITYPLAZA, HONG KONG
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 2170 PA

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PA ----	POSITIVE PEAK ----	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PA ----	POSITIVE PEAK ----	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PA ----	POSITIVE PEAK ----
245	50	.92	-1167.7	1990.0	293	350	-.98	-2116.6	970.6	429	10	-1.07	-2328.9	1233.6
246	10	.92	-1323.7	2000.6	294	330	-1.37	-2966.7	1558.3	430	260	-.93	-2026.5	1515.3
247	350	.93	-1144.7	2012.8	295	330	-1.55	-3359.8	1561.9	431	330	-.95	-2066.9	1378.7
248	0	.86	-1143.6	1868.4	296	30	.85	-1452.3	1834.4	432	330	-.99	-2154.5	1908.6
249	340	1.07	-1415.3	2319.4	297	30	.79	-1048.1	1511.7	433	340	-1.29	-2794.9	1418.7
250	320	1.13	-1044.4	2449.6	298	20	.95	-1100.3	2069.8	434	230	-1.12	-2437.2	1412.0
251	0	.76	-1050.3	1650.8	299	30	.91	-1123.7	1974.2	435	0	-1.00	-2177.9	1281.0
252	50	.83	-1026.0	1803.9	300	10	.87	-992.3	1897.3	436	330	-.88	-1902.1	1317.3
253	10	.84	-1046.5	1826.7	301	10	.69	-955.9	1501.6	437	330	-.90	-1953.6	1025.9
254	300	.86	-1215.0	1876.9	302	10	.78	-1028.2	1696.0	438	330	-.89	-1933.7	1434.0
255	340	.85	-967.0	1839.6	303	10	.85	-1068.4	1845.3	439	330	-.71	-1542.9	1425.6
256	0	.95	-1194.0	2065.9	304	10	.76	-1040.1	1640.5	440	230	.83	-1637.9	1799.2
257	10	.84	-1045.9	1816.4	305	350	.74	-993.1	1613.8	441	350	-.94	-2047.6	1230.2
258	0	.84	-1022.7	1812.6	306	20	.83	-1186.7	1806.4	442	40	-.66	-1442.7	1282.1
259	10	.81	-1013.9	1765.0	307	0	.74	-1104.4	1608.1	443	330	.79	-1281.5	1719.8
260	350	.78	-1320.4	1692.4	308	320	.81	-999.7	1752.1	444	50	-1.30	-2817.4	1863.1
261	350	.90	-1040.5	1946.9	309	330	.82	-1149.2	1782.7	445	50	-.67	-1463.0	1343.0
262	10	.77	-1061.1	1666.4	310	340	.85	-1146.2	1852.9	446	230	-1.22	-2642.0	1182.7
263	20	.87	-1076.6	1889.9	311	350	.71	-1055.4	1548.8	447	230	-1.05	-2273.1	913.3
264	20	.77	-1137.0	1660.7	312	350	.72	-1550.1	1561.8	448	10	-1.34	-2904.4	871.1
265	340	.86	-964.6	1866.0	401	30	-1.54	-3337.2	1830.3	449	340	-1.23	-2667.1	1943.6
266	320	.80	-1048.1	1731.7	402	0	-1.39	-3026.9	1856.7	450	20	-1.24	-2692.2	1391.3
267	20	.91	-1043.9	1977.5	403	250	-1.00	-2165.7	1725.3	451	180	-1.08	-2343.7	1534.3
268	340	.88	-1079.8	1909.3	404	230	-1.05	-2276.0	1683.2	452	210	-1.15	-2492.0	1515.4
269	330	.88	-999.2	1901.8	405	330	-1.62	-3518.3	1611.1	453	20	-1.26	-2727.1	1331.2
270	350	.97	-1031.0	2111.7	406	330	-1.37	-2970.8	1852.6	454	20	-1.36	-2958.1	1097.2
271	330	1.02	-1052.0	2212.9	407	50	-1.10	-2393.9	1512.0	455	20	-.95	-2064.5	739.5
272	320	-1.25	-2708.6	1877.7	408	190	-1.12	-2423.2	1826.3	456	20	-.99	-2138.6	804.1
273	10	.97	-1767.6	2105.6	409	180	-1.43	-3100.5	1567.9	457	20	-.93	-2012.2	778.7
274	0	.79	-1038.8	1704.2	410	330	-1.42	-3082.3	1991.2	458	20	-1.05	-2273.7	781.8
275	10	.86	-989.3	1866.1	411	340	-1.08	-2342.6	2021.2	459	330	-1.05	-2284.8	767.3
276	340	.85	-963.3	1846.0	412	60	-.99	-2150.6	1753.4	460	20	-1.37	-2971.2	944.8
277	340	.93	-1109.2	2022.7	413	10	-1.48	-3221.6	1628.4	461	20	-1.33	-2879.6	955.2
278	320	1.00	-1129.2	2177.9	414	0	-1.83	-3970.7	2057.9	462	20	-.84	-1820.4	812.6
279	330	.80	-1074.8	1726.4	415	340	-1.05	-2276.6	1561.3	463	340	-.89	-1935.5	861.4
280	340	1.00	-1999.6	2166.1	416	140	-1.08	-2337.9	1544.8	464	20	-.76	-1654.7	809.1
281	320	.91	-1608.7	1980.0	417	140	-1.49	-3222.5	1860.0	465	20	-.73	-1580.6	1018.2
282	40	-.98	-2132.0	1627.1	418	40	-.81	-1749.7	1517.2	466	20	-.55	-1201.4	913.3
283	10	.70	-974.5	1519.0	419	50	-.84	-1820.4	1502.1	467	20	-.54	-1175.2	1117.7
284	0	.72	-1122.0	1554.3	420	50	-.87	-1892.6	1418.7	468	0	.62	-1079.6	1339.5
285	10	.82	-1060.9	1772.4	421	230	-1.02	-2213.4	1324.0	469	10	.65	-1134.3	1411.3
286	10	.68	-1075.5	1484.3	422	10	-1.65	-3578.7	1525.4	470	10	.71	-1250.0	1548.0
287	350	.65	-1127.1	1411.5	423	340	-1.58	-3418.8	1391.2	471	140	-.74	-1615.7	1321.3
288	10	.74	-1046.6	1614.0	424	240	.91	-1861.3	1981.7	472	130	-.69	-1489.0	1173.7
289	0	.69	-1116.0	1490.8	425	240	.97	-1989.9	2106.4	473	130	-.75	-1618.9	857.1
290	0	.82	-1051.8	1782.3	426	180	-1.15	-2486.6	2447.5	474	10	-1.35	-2937.0	731.2
291	320	.88	-1273.8	1899.6	427	30	-1.08	-2343.8	1310.5	475	10	-1.21	-2626.8	740.6
292	330	-.86	-1873.6	827.9	428	20	-1.40	-3043.1	1360.6	476	20	-.95	-2068.3	972.3

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : TAIKOO SHING CITYPLAZA, HONG KONG
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 2170 PA

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PA	POSITIVE PEAK ---- PA
477	140	-.84	-1827.6	791.9
478	180	-1.08	-2334.1	715.5
479	30	-1.32	-2857.4	867.7
480	330	-1.46	-3169.8	874.3
481	10	-1.05	-2276.7	758.4
482	20	-.98	-2125.7	826.4
483	20	-.85	-1843.3	788.1
484	10	-.95	-2066.6	893.5
485	340	-.75	-1618.1	736.8
486	30	-.84	-1830.7	825.8
487	350	-.97	-2115.5	731.1
488	0	-.94	-2030.2	803.3
489	20	-.72	-1569.7	824.7
490	350	-.76	-1650.0	822.2
491	10	-.65	-1403.1	1019.2
492	0	-.52	-1133.6	1089.3
493	20	-.64	-1393.2	981.2
494	50	-.59	-1290.6	1181.2
495	10	.62	-1187.2	1347.9
496	0	.62	-1260.0	1346.3
497	0	.84	-1324.0	1819.9
498	0	-.62	-1340.0	1071.0
499	20	-.85	-1838.9	815.1
500	350	-1.30	-2817.1	735.9
501	0	-1.25	-2706.8	792.2
502	0	-.80	-1746.0	855.9
503	140	-.74	-1604.5	1027.0
504	20	-.87	-1887.4	837.2
505	20	-.84	-1830.1	845.4
506	20	-.87	-1878.6	816.0
507	30	-1.17	-2529.4	808.6
508	10	1.01	-1375.6	2188.2
509	20	-.55	-1194.6	1157.3
510	20	-.80	-1728.6	1075.6
511	20	-.64	-1388.8	1007.8
512	350	.61	-1278.8	1313.6
513	20	-.67	-1459.4	775.5
514	0	-.70	-1516.6	779.4
515	20	-.77	-1672.9	787.2
516	30	.71	-1256.3	1532.9
517	40	-.57	-1241.4	1053.7
518	50	-.52	-1126.7	956.9
519	60	-.55	-1195.5	906.5
520	10	.62	-1078.8	1353.5
521	20	-.72	-1555.2	773.8
522	10	-.66	-1442.0	911.3
523	20	-.50	-1088.4	496.4
524	10	.75	-1119.4	1634.3
525	60	-.55	-1191.8	1062.0
526	60	-.51	-1099.4	775.3
527	20	-.73	-1577.0	811.5
528	20	-.98	-2135.3	737.7
529	20	-.77	-1664.2	859.4
530	40	-.60	-1297.2	1035.9
531	40	-.49	-1066.0	730.1
532	330	-.48	-1031.6	879.8
533	20	-.80	-1734.0	722.5
534	10	-.66	-1432.1	709.9
535	10	-.58	-1263.6	702.0
536	30	-.45	-969.2	561.9
537	30	-.54	-1166.9	771.8
538	30	-1.29	-2794.7	735.8
539	30	-1.12	-2429.0	778.5
540	20	-.79	-1722.2	732.8
541	40	-.62	-1341.9	648.7
542	20	-.86	-1869.2	749.9
543	330	-.72	-1564.3	879.0
544	20	-.66	-1424.3	758.6
545	20	-.85	-1847.4	833.9
546	10	-1.00	-2178.9	783.4
547	20	-.71	-1542.1	853.6
548	20	-.81	-1764.5	784.3
549	10	.70	-1483.8	1518.7
550	20	.59	-1064.6	1271.4
551	20	-.79	-1707.8	829.4
552	20	-.61	-1332.7	900.2
553	40	-.52	-1137.1	863.6
554	0	-.65	-1413.3	846.8
555	10	-.60	-1291.7	831.9
556	50	-.53	-1143.4	703.7
557	60	-.50	-1094.1	893.8
558	10	-1.54	-3333.6	2244.6
559	350	-1.48	-3201.2	1470.8
560	150	-1.00	-2172.5	754.0
561	150	-1.74	-3772.0	810.3
562	210	-1.71	-3708.3	1134.4
563	340	-1.14	-2480.0	664.3
564	310	-1.14	-2474.1	896.7
565	180	-1.44	-3116.9	940.7
566	170	-1.13	-2445.7	711.8
567	240	-1.14	-2465.6	748.7
568	0	-1.05	-2282.6	940.6
569	20	-1.18	-2549.9	860.3
570	10	-1.07	-2329.2	750.4
571	180	-1.00	-2164.4	730.2
572	190	-.95	-2055.3	841.5
573	0	-1.51	-3279.0	1222.7
574	350	-1.13	-2452.0	1138.7
575	10	-.87	-1893.0	988.7
576	140	.73	-1389.5	1581.5
577	150	1.17	-1564.1	2533.9
578	170	-.77	-1662.7	1260.2
579	20	-.58	-1251.6	1056.0
580	30	-.66	-1429.0	1157.5
581	320	.76	-1142.6	1641.6
582	320	.85	-1177.4	1845.9
583	320	.80	-1177.4	1725.3
584	350	.91	-1052.8	1984.9
601	140	-1.10	-2389.2	2268.1
602	190	.84	-1780.6	1831.4
603	150	-1.24	-2684.8	1789.6
604	140	-1.30	-2820.6	2193.2
605	220	-1.19	-2575.9	1879.9
606	190	.89	-1747.8	1924.9
607	180	1.14	-1575.1	2477.1
608	150	-.88	-1918.2	1749.0
609	150	-.97	-2095.1	1723.4
610	160	-1.11	-2418.3	2027.5
611	210	-.98	-2119.9	1994.4
612	140	.83	-1616.2	1806.4
613	140	.82	-1483.3	1769.5
614	140	.84	-1697.5	1824.8
615	150	.81	-1747.8	1763.6
616	150	.97	-1805.8	2098.3
617	30	-.96	-2089.3	1714.1
618	120	-1.72	-3732.9	1830.2
619	110	-1.09	-2365.0	1659.5
620	200	.80	-1571.0	1743.3
621	200	.97	-1526.2	2102.4
622	340	-.81	-1763.5	1592.0
623	320	-.82	-1787.4	1569.8
624	230	.85	-1769.0	1835.8
625	210	.92	-1960.0	2000.1
626	230	1.32	-2657.6	2855.2
627	230	-1.15	-2493.4	1746.2
628	160	.87	-1419.3	1893.4
629	190	.92	-1795.7	2001.6
630	70	-.98	-2121.5	1932.4
631	0	-.84	-1813.4	1392.3
632	340	-.79	-1719.9	1550.4
633	130	-1.25	-2716.5	1581.6
634	140	-1.32	-2871.4	1924.8
635	240	-.94	-2029.5	1578.8
636	180	.86	-1716.7	1868.6

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : TAIKOO SHING CITYPLAZA, HONG KONG
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 2170 PA

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK PA	POSITIVE PEAK PA
637	190	.86	-1468.1	1868.7
638	140	.95	-1835.6	2060.9
639	180	.76	-1636.6	1643.5
640	210	-1.01	-2196.7	1815.0
641	140	1.01	-2008.4	2198.3
642	140	.89	-1419.3	1941.1
643	140	.83	-1344.9	1803.7
644	150	.98	-1469.0	2119.4
645	150	.89	-1434.1	1929.1
646	150	.79	-1641.8	1721.2
647	10	-.91	-1969.6	1472.5
648	140	1.26	-2388.0	2740.9
649	340	-1.16	-2526.3	1802.2
650	30	-1.25	-2704.4	1540.4
651	30	-1.21	-2615.7	1991.9
652	90	-.93	-2020.0	1705.3
653	30	-.76	-1647.8	1585.7
654	200	1.00	-1394.9	2174.9
655	330	-.84	-1827.8	1758.0
656	220	1.05	-1569.9	2274.0
657	230	.76	-1378.5	1643.7
658	180	.87	-1333.6	1883.4
659	180	.90	-1517.4	1945.5
660	210	-1.11	-2410.7	1592.7
661	220	-.91	-1970.2	1693.9
662	190	.79	-1555.4	1720.7
663	160	.90	-1788.2	1950.1
664	0	-.82	-1788.0	1569.8
665	50	-.78	-1703.1	1253.0
666	50	-.92	-1995.7	1097.4
667	180	-.64	-1396.6	1265.6
668	210	.67	-1367.3	1455.2
669	20	-.77	-1670.8	844.7
670	150	-.92	-1997.0	769.5
671	140	-1.09	-2371.1	928.4
672	140	-1.13	-2441.6	790.7
673	260	-.78	-1687.8	1068.2
674	130	.77	-1419.2	1668.3
675	140	.71	-1464.8	1543.0
676	140	-.86	-1867.3	1511.3
677	10	-.68	-1468.2	1370.4
678	140	.71	-1355.9	1539.5
679	240	-.78	-1699.6	1246.8
680	150	.63	-1253.7	1375.8
681	20	-.63	-1362.2	1303.5
682	20	-.68	-1476.9	1375.8
683	30	-.74	-1595.9	1159.0
684	40	-.74	-1616.3	887.2
685	30	-.83	-1794.0	950.0
686	190	.81	-1392.7	1760.8
687	350	-.81	-1757.7	1287.4
688	350	-.72	-1567.3	1141.3
689	330	-.67	-1445.7	1242.5
690	200	.75	-1330.3	1636.2
691	210	.59	-1171.2	1282.8
692	290	-.65	-1418.2	1252.5
693	180	-.60	-1292.0	982.8
694	240	-.78	-1686.6	1102.2
695	240	-.77	-1679.2	1200.6
696	220	-.68	-1480.0	985.0
697	10	-.64	-1390.8	1076.3
698	220	-.67	-1453.1	1145.1
699	10	-.65	-1402.1	713.2
700	20	-.62	-1338.4	918.4
701	10	-.57	-1228.2	786.7
702	10	-.61	-1318.4	772.2
703	30	-.60	-1311.1	739.3
704	0	-.62	-1351.1	766.6
705	350	-.62	-1354.3	953.6
706	30	-.58	-1257.9	1017.6
707	120	-.76	-1647.8	1540.4
708	150	.79	-1552.5	1715.4
709	160	.91	-1698.5	1979.8
710	340	-.91	-1980.0	1895.4
711	350	-1.07	-2315.8	1248.4
712	20	-1.06	-2289.6	1862.6
713	10	-.95	-2064.8	1668.2
714	350	-.69	-1500.1	1394.5
715	330	-.64	-1397.7	1389.8
716	210	.69	-1188.8	1490.7
717	10	-.58	-1250.9	882.5
718	0	-.59	-1288.0	759.0
719	10	-.56	-1216.2	776.5
720	240	-.66	-1426.2	751.6
721	240	-.75	-1637.2	788.4
722	20	-.62	-1352.4	814.4
723	40	-.61	-1333.0	913.5
724	350	-.70	-1524.2	891.2
725	150	1.06	-1197.1	2306.1
726	150	.83	-1392.5	1804.4
727	20	-.56	-1224.8	1195.9
728	30	-.73	-1589.3	820.6
729	330	-.66	-1435.7	828.4
730	340	-.66	-1432.3	1153.7
731	350	-.61	-1328.9	1288.6
732	240	.61	-1209.2	1328.4
733	340	-.71	-1530.5	862.5
734	340	-.64	-1398.8	652.2
735	20	-.68	-1480.6	889.9
736	140	-.66	-1425.6	798.3
737	150	-.83	-1810.9	833.4
738	140	-1.03	-2232.8	796.1
739	140	-.78	-1688.7	740.6
740	20	-.63	-1360.7	741.9
741	150	-.73	-1586.7	715.5
742	150	-.82	-1784.1	789.9
743	330	-.55	-1194.3	895.4
744	230	-.95	-2060.4	755.2
745	270	-.64	-1393.6	881.8
746	150	-.83	-1793.1	681.2
747	150	-.57	-1234.4	904.5
748	30	-.66	-1437.9	862.4
749	20	-.66	-1424.6	769.5
750	30	-.61	-1326.7	785.1
751	130	-.55	-1185.7	824.9
752	200	-.72	-1558.2	705.8
753	10	-.67	-1443.9	774.5
754	10	-.57	-1236.1	777.0
755	20	-.56	-1220.8	848.1
756	350	-.56	-1212.1	845.0
757	110	-.50	-1079.9	720.6
758	10	-.52	-1132.9	748.9
759	250	-.60	-1306.1	685.4
760	140	-.63	-1358.0	763.0
761	0	-.57	-1238.1	806.1
762	340	-.63	-1357.6	867.5
763	40	-.59	-1283.7	794.7
764	0	-.50	-1080.1	836.9
765	10	-.54	-1182.2	780.6
766	10	-.52	-1134.1	811.7
767	20	-.58	-1248.8	863.7
768	50	-.63	-1360.2	770.0
769	0	-.63	-1369.9	812.3
770	350	-.58	-1264.5	795.5
771	0	-.63	-1366.1	850.8
772	10	-.65	-1416.4	818.0
773	10	-.64	-1385.1	1033.8
774	30	-.66	-1421.5	1145.6
775	10	-.67	-1455.7	918.0
776	30	-.60	-1307.0	999.8
777	10	-.58	-1263.2	1190.3
778	30	-.51	-1113.7	948.8
779	30	-.52	-1125.8	798.7
780	0	-.54	-1180.7	787.2

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : TAIKOO SHING CITYPLAZA, HONG KONG
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 2170 PA

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PA	POSITIVE PEAK ----	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PA	POSITIVE PEAK ----	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PA	POSITIVE PEAK ----
781	30	-.58	-1251.3	712.6	920	30	-1.02	-2217.0	1407.0	968	350	-.61	-1326.2	937.3
782	30	-.56	-1210.8	918.9	921	30	-1.24	-2695.1	1649.1	969	0	-.57	-1240.3	879.3
783	350	-.52	-1131.1	778.5	922	180	-1.34	-2898.3	1451.8	970	330	-.60	-1292.8	982.6
784	30	-.51	-1113.7	825.5	923	180	-.97	-2112.3	1657.8	971	330	-.69	-1506.9	928.3
785	50	-.53	-1150.7	829.0	924	350	-1.24	-2693.4	1782.1	972	310	-.65	-1401.9	877.8
786	30	-.58	-1258.6	737.4	925	40	-1.31	-2843.7	1949.1	973	340	-.83	-1798.6	748.3
787	20	-.58	-1268.7	740.3	926	30	-1.73	-3758.0	1982.8	974	180	-1.04	-2250.7	941.4
788	40	-.53	-1155.7	766.9	927	180	-1.04	-2265.6	1638.4	975	340	-1.02	-2205.6	921.2
789	30	-.60	-1291.8	904.2	928	0	-1.01	-2202.3	1374.0	976	40	-1.04	-2251.6	1018.8
790	20	-.56	-1223.2	860.5	929	340	-.97	-2097.7	1049.3	977	320	-1.08	-2341.5	1183.5
791	20	-.58	-1260.3	741.5	930	0	-.90	-1950.9	977.5	978	40	-1.24	-2683.2	1082.7
792	0	-.56	-1221.8	1007.0	931	190	-.92	-1997.2	787.0	979	0	-.94	-2039.0	829.7
793	0	-.58	-1264.6	839.9	932	180	-.86	-1861.2	934.0	980	0	-.82	-1768.8	851.0
794	0	-.55	-1188.8	743.3	933	30	-.94	-2044.1	1031.6	981	0	-1.04	-2250.4	1063.1
795	10	-.58	-1254.3	825.3	934	10	-1.08	-2353.5	1267.6	982	0	-.88	-1905.9	779.8
796	10	-.57	-1244.0	835.2	935	10	-1.13	-2460.2	1328.1	983	20	-.62	-1341.1	663.5
797	30	-.57	-1231.1	787.2	936	110	-.87	-1888.2	1342.9	984	190	-.70	-1513.8	975.6
798	0	-.62	-1352.5	873.0	937	340	.73	-1562.5	1584.4	985	50	-.59	-1286.6	951.4
799	350	-.52	-1138.6	732.3	938	40	.77	-1427.9	1680.4	986	330	.87	-1738.8	1880.4
800	0	-.58	-1247.9	788.1	939	330	-1.02	-2213.5	1716.6	987	0	-.95	-2062.5	1308.4
801	0	-.48	-1050.0	676.5	940	40	.77	-1537.0	1662.5	988	320	.81	-1113.1	1764.2
802	300	-.53	-1139.6	748.0	941	0	-1.12	-2434.4	1336.2	989	330	.76	-1187.5	1658.7
803	0	-.55	-1188.2	822.0	942	0	-1.24	-2697.5	1588.9	990	350	.73	-1045.6	1577.5
804	330	-.46	-993.5	741.7	943	20	-.90	-1960.6	1349.2	991	20	.58	-1154.0	1259.6
805	30	-.51	-1107.3	711.4	944	180	.76	-1585.1	1641.5	992	0	.55	-1006.2	1187.1
806	10	-.47	-1020.7	720.5	945	170	.74	-1611.7	1616.5	993	340	-.58	-1259.7	999.5
807	20	-.56	-1213.1	650.9	946	30	-.86	-1863.9	1090.6	994	10	-.64	-1391.7	893.8
808	350	-.48	-1031.7	717.5	947	80	-.80	-1725.6	1186.3	995	340	-.54	-1167.5	941.5
809	330	-.51	-1113.0	819.8	948	180	-1.16	-2511.1	1357.6	996	10	-.57	-1226.8	846.6
901	180	-1.09	-2363.4	1789.7	949	150	-.95	-2058.3	1346.4	997	0	-.75	-1623.7	736.9
902	230	-.92	-1989.0	1632.1	950	20	-1.07	-2316.0	2212.8	998	340	-1.14	-2478.9	790.4
903	320	-.86	-1865.2	1609.9	951	40	-1.24	-2686.8	1834.3	999	10	-1.05	-2271.0	882.9
904	0	-.89	-1923.8	1719.0	952	20	-1.07	-2316.0	1638.8	1000	340	-1.13	-2442.6	769.5
905	170	-1.24	-2691.5	1494.2	953	230	-.77	-1668.1	1199.6	1001	350	-.81	-1766.4	781.2
906	200	-.96	-2086.6	1267.5	954	210	-.89	-1921.3	1068.1	1002	20	-.91	-1979.7	883.3
907	150	-1.16	-2527.9	1314.2	955	220	-.94	-2044.7	728.9	1003	10	-.89	-1930.4	916.5
908	30	-1.28	-2772.3	1117.7	956	0	-1.09	-2371.8	805.1	1004	20	-.98	-2124.9	1145.9
909	10	-1.21	-2631.0	1208.9	957	180	-.94	-2049.6	745.4	1005	340	.76	-1179.7	1650.7
910	350	-.82	-1769.9	1406.5	958	180	-.83	-1802.3	759.2	1006	20	-.61	-1318.1	1290.5
911	340	-.87	-1887.2	1624.6	959	180	-.93	-2019.9	1043.1	1007	330	-.62	-1353.2	945.6
912	340	-1.06	-2308.2	1663.8	960	20	-1.01	-2198.3	1385.2	1008	330	-.74	-1599.3	812.0
913	310	-1.10	-2385.4	1720.3	961	20	-1.05	-2279.2	1521.0	1009	350	-.78	-1700.8	901.8
914	0	-1.22	-2647.2	1755.0	962	320	.81	-1316.2	1752.8	1010	350	-.78	-1687.7	993.0
915	340	-1.31	-2851.7	1826.2	963	330	.80	-1202.6	1735.1	1011	80	-.80	-1745.5	835.9
916	0	-1.91	-4148.1	1592.7	964	20	.66	-1120.7	1436.2	1012	340	.79	-1015.4	1720.0
917	10	-2.95	-6402.1	1638.2	965	10	.64	-1285.5	1391.8	1013	350	.59	-1141.2	1270.8
918	0	-.84	-1823.2	1188.5	966	60	.55	-1076.2	1193.9	1014	330	-.82	-1780.5	820.6
919	320	-1.68	-3647.1	1734.7	967	340	-.57	-1228.8	917.5	1015	340	-.85	-1841.8	879.5

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : TAIKOO SHING CITYPLAZA, HONG KONG
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 2170 PA

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PA	POSITIVE PEAK ----	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PA	POSITIVE PEAK ----	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PA	POSITIVE PEAK ----
1016	340	-.70	-1508.4	960.5	1064	40	-1.37	-2976.2	1113.8	1401	40	.95	-1059.6	2051.7
1017	330	-.72	-1565.2	748.1	1065	150	-.96	-2092.5	650.2	1402	20	.72	-1291.5	1561.3
1018	10	-.79	-1717.9	822.2	1066	150	-.93	-2011.3	730.1	1403	10	.67	-1268.9	1445.6
1019	10	-.71	-1534.7	847.0	1067	140	-.77	-1673.5	676.5	1404	290	-.75	-1629.6	1626.5
1020	0	-.65	-1420.9	797.3	1068	30	-1.05	-2288.4	771.2	1405	30	.74	-991.8	1610.2
1021	0	-.75	-1631.9	821.7	1069	40	-1.06	-2305.1	822.0	1406	50	.96	-1301.4	2078.2
1022	0	-1.02	-2208.8	749.5	1070	150	-.60	-1302.7	1220.3	1407	340	.89	-1084.2	1937.6
1023	10	-.61	-1324.8	737.1	1071	40	-.69	-1493.2	923.1	1408	10	.98	-2100.9	2118.7
1024	350	-.55	-1202.3	879.3	1072	330	-.66	-1426.4	1109.3	1409	50	.76	-1089.4	1659.5
1025	310	-.68	-1480.6	1153.0	1073	340	-.83	-1811.4	1194.9	1410	350	.73	-1216.3	1585.5
1026	330	-1.27	-2758.3	1740.6	1074	350	-.77	-1663.5	906.4	1411	330	.91	-1441.5	1974.3
1027	320	.59	-1131.0	1286.4	1075	310	.55	-1090.8	1189.1	1412	340	.81	-1062.8	1763.3
1028	330	-.68	-1476.3	853.1	1076	350	-.63	-1372.2	921.9	1413	320	.82	-1154.4	1770.1
1029	0	-.87	-1895.6	784.3	1077	190	-.53	-1145.8	841.1	1414	50	.69	-1149.8	1508.1
1030	330	-.74	-1602.8	781.2	1078	20	-.62	-1343.9	1092.1	1415	50	-.85	-1836.6	1311.5
1031	350	.67	-1120.1	1464.3	1079	40	.74	-1254.4	1599.1	1416	350	.66	-1207.2	1422.6
1032	320	-.58	-1261.6	1145.8	1080	10	.90	-1022.2	1945.7	1417	30	.92	-1152.1	1987.4
1033	330	-.69	-1486.5	1135.7	1081	20	.79	-901.7	1720.9	1418	340	.83	-1508.3	1801.1
1034	310	-.92	-1990.9	1017.9	1201	350	.86	-980.5	1864.0	1419	30	-.95	-2067.7	1381.4
1035	330	-.87	-1896.8	822.0	1202	30	.84	-1142.3	1821.8	1420	350	-.93	-2018.7	1377.2
1036	340	-.68	-1482.0	853.0	1203	350	-.71	-1531.7	618.0	1421	150	.95	-1521.0	2051.9
1037	320	-.88	-1914.9	810.1	1204	320	-.64	-1397.0	922.9	1422	20	-.75	-1628.0	913.2
1038	350	-.79	-1723.8	1537.6	1205	340	.48	-811.8	1046.7	1423	350	-.70	-1514.9	1478.4
1039	130	-.60	-1305.7	846.1	1206	40	-.50	-1092.7	791.9	1424	140	.78	-1342.7	1691.6
1040	10	-.51	-1108.1	853.0	1207	10	-.52	-1138.7	718.0	1425	20	-.77	-1679.5	870.3
1041	110	-.49	-1053.9	801.8	1208	10	-.54	-1177.6	641.0	1426	230	.84	-1573.6	1831.4
1042	340	-.52	-1122.6	752.0	1209	40	-.57	-1228.5	731.8	1427	20	-.68	-1473.5	915.5
1043	320	.62	-1161.4	1341.2	1210	50	-.64	-1384.8	678.6	1428	330	-.96	-2081.0	935.3
1044	290	.48	-997.4	1035.3	1211	0	-.51	-1117.3	837.8	1429	320	-1.10	-2389.2	1070.9
1045	320	-.60	-1312.6	900.3	1212	350	-.51	-1097.8	768.4	1430	0	-2.54	-5509.1	974.0
1046	320	-.68	-1483.4	800.3	1213	20	-.56	-1217.8	708.5	1431	10	-2.10	-4553.8	1205.2
1047	340	-.81	-1753.6	823.8	1214	30	-.63	-1360.7	858.3	1432	0	-1.22	-2640.8	941.1
1048	330	-.62	-1355.3	706.2	1215	10	-.58	-1267.1	919.4	1433	340	-1.20	-2599.0	939.6
1049	320	-.58	-1247.8	755.1	1216	30	-.91	-1972.0	801.2	1434	0	-1.04	-2264.1	1003.4
1050	320	-.64	-1398.0	686.4	1217	50	-.56	-1215.9	1074.4	1435	350	-.63	-1359.8	1125.3
1051	0	-.75	-1623.7	703.3	1218	10	-.60	-1297.3	797.1	1436	0	-.75	-1630.0	1196.4
1052	330	-.64	-1392.9	780.8	1219	350	-1.56	-3393.2	1595.1	1437	330	-1.23	-2658.3	1317.2
1053	350	-.69	-1494.6	806.7	1220	310	-1.65	-3588.9	1715.8	1438	0	-1.23	-2665.4	810.4
1054	350	-.98	-2124.9	799.5	1221	160	-1.02	-2223.2	801.1	1439	350	-1.77	-3839.4	886.9
1055	170	-1.38	-2992.0	1061.2	1222	180	-1.47	-3184.0	863.2	1440	0	-.55	-1190.4	1137.6
1056	200	-1.38	-2985.4	722.1	1223	180	-1.56	-3392.5	777.3	1441	340	-.71	-1542.8	995.4
1057	150	-.77	-1673.2	934.7	1224	340	-.47	-1022.3	725.3	1442	10	.55	-1134.8	1190.1
1058	50	-1.37	-2980.1	1567.1	1301	20	-.52	-1120.9	1024.2	1443	240	-1.44	-3128.9	966.7
1059	50	-1.76	-3827.9	1642.6	1302	180	-.66	-1434.4	942.5	1444	10	-1.70	-3681.5	997.1
1060	150	-1.32	-2872.6	850.8	1303	290	.61	-1152.6	1330.0	1445	0	-1.66	-3606.8	1482.6
1061	150	-1.43	-3113.1	909.2	1304	190	-.58	-1264.0	1142.1	1446	320	-.87	-1897.5	580.3
1062	200	-1.15	-2503.2	767.3	1305	310	-.74	-1615.0	1088.8	1447	220	-1.72	-3734.5	1022.6
1063	40	-1.40	-3030.1	1178.6	1306	160	-.65	-1418.6	1318.3	1448	20	-1.21	-2620.7	976.8

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : TAIKOO SHING CITYPLAZA, HONG KONG
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 2170 PA

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK PA	POSITIVE PEAK	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK PA	POSITIVE PEAK	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK PA	POSITIVE PEAK
1449	350	-1.00	-2165.5	887.7	1459	40	-1.23	-2673.8	898.0	1469	350	-.66	-1441.9	898.5
1450	220	-1.29	-2804.7	883.4	1460	0	-1.16	-2518.7	826.3	1470	20	.67	-1230.9	1457.7
1451	30	-1.51	-3273.0	936.6	1461	140	-1.32	-2857.8	967.9	1471	10	-1.49	-3228.1	894.9
1452	50	-1.92	-4158.9	927.9	1462	350	-1.63	-3537.1	864.1	1472	0	-2.01	-4362.5	953.1
1453	150	-1.65	-3587.7	1001.8	1463	220	.57	-1183.3	1242.5	1473	0	-1.53	-3320.8	903.0
1454	330	-1.57	-3406.8	754.8	1464	20	.52	-1103.4	1125.1	1474	210	-1.23	-2675.8	763.2
1455	340	-1.14	-2479.9	740.8	1465	30	.62	-1042.8	1339.2	1475	230	-1.09	-2364.8	778.9
1456	350	-.86	-1876.1	632.5	1466	140	-1.24	-2681.5	962.5	1476	10	-.67	-1462.2	835.6
1457	150	-1.06	-2297.3	821.5	1467	40	-1.62	-3514.7	862.9	1477	30	-1.13	-2452.2	856.2
1458	340	-1.31	-2840.6	828.4	1468	350	-.48	-1048.8	926.5	1478	30	.52	-1081.5	1122.1

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : LARGEST VALUES OF CLADDING LOAD

TAIKOO SHING CITYPLAZA, HONG KONG
REFERENCE PRESSURE = 2170 PA

* * 15 GREATEST PRESSURE MAGNITUDES * *

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK PA	POSITIVE PEAK PA
917	10	-2.95	-6402.1	1638.2
1430	0	-2.54	-5509.1	974.0
1431	10	-2.10	-4553.8	1205.2
1472	0	-2.01	-4362.5	953.1
1452	50	-1.92	-4158.9	927.9
916	0	-1.91	-4148.1	1592.7
116	260	-1.87	-4055.0	2304.6
414	0	-1.83	-3970.7	2057.9
1439	350	-1.77	-3839.4	886.9
1059	50	-1.76	-3827.9	1642.6
561	150	-1.74	-3772.0	810.3
926	30	-1.73	-3758.0	1982.8
1447	220	-1.72	-3734.5	1022.6
618	120	-1.72	-3732.9	1830.2
562	210	-1.71	-3708.3	1134.4

TABLE 6A. PEAK LOADS FOR CONFIGURATION B : TAIKOO SHING CITYPLAZA, HONG KONG
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 2170 PA

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PA	POSITIVE PEAK ----	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PA	POSITIVE PEAK ----	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PA	POSITIVE PEAK ----
116	270	-1.42	-3078.8	1773.3	917	358	-2.55	-5536.3	1472.8	1452	44	-1.76	-3813.4	1090.9
414	356	-2.45	-5326.1	1975.8	1430	16	-2.98	-6461.5	1041.7	1472	0	-2.48	-5386.4	917.1
916	358	-1.85	-4019.4	1743.2	1431	4	-1.86	-4034.6	1106.6					

TABLE 6A. PEAK LOADS FOR CONFIGURATION 8 : TAIKOO SHING CITYPLAZA, HONG KONG
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 2170 PA

* * 8 GREATEST PRESSURE MAGNITUDES * *

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK PA	POSITIVE PEAK
1430	16	-2.98	-6461.5	1041.7
917	358	-2.55	-5536.3	1472.8
1472	0	-2.48	-5386.4	917.1
414	356	-2.45	-5326.1	1975.8
1431	4	-1.86	-4034.6	1106.6
916	358	-1.85	-4019.4	1743.2
1452	44	-1.76	-3813.4	1090.9
116	270	-1.42	-3078.8	1773.3

TABLE 6B. COMPARISON OF CONFIGURATIONS A AND B : TAIKOO SHING CITYPLAZA, HONG KONG
TAPS WHERE NEGATIVE PEAK LOAD FOR CONFIG. B EXCEEDED THAT FOR CONFIG. A BY 200 PA
REF. PRESSURE = 2170 PA

TAP	AZIMUTH	A CONFIG. PA LOAD	AZIMUTH	B CONFIG. PA LOAD
414	0	-3970.7	356	-5326.1
1430	0	-5509.1	16	-6461.5
1472	0	-4362.5	0	-5386.4

TABLE 7. BASE SHEAR AND MOMENT SUMMARY : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
CONFIGURATION A REFERENCE PRESSURE 2170 GUST FACTOR 1.32

AZIMUTH	SHEAR (KN)		MOMENT (MN-M)			ECCEN (M)	
	X	Y	X	Y	Z	X	Y
0	-4653	2044	-48.3	-102.8	165.2	13	30
10	-4697	2502	-61.1	-105.2	171.3	15	28
20	-4679	3047	-74.1	-106.4	178.9	17	27
30	-4131	2803	-70.0	-92.9	152.3	17	25
40	-3841	3165	-76.3	-89.5	135.8	17	21
50	-3449	2694	-66.6	-80.9	120.7	17	22
60	-2173	1584	-39.9	-51.9	83.7	18	25
70	-1311	834	-23.2	-33.0	51.7	18	28
80	-943	310	-9.5	-22.8	36.9	12	35
90	-448	-88	-3.3	-10.2	17.5	-7	38
100	-173	-246	3.9	-3.8	5.4	-15	10
110	184	3	-2.2	4.9	-8.3	-1	45
120	297	31	-3.0	7.1	-11.6	-4	38
130	604	179	-6.5	14.0	-33.5	-15	51
140	1548	768	-23.6	38.2	-77.3	-20	49
150	1819	834	-25.1	46.1	-62.8	-13	29
160	1258	343	-10.1	30.7	-31.6	-6	23
170	1415	224	-6.8	34.6	-43.0	-5	30
180	1629	290	-6.2	41.2	-53.1	-6	32
190	1255	373	-7.3	33.1	-42.1	-9	31
200	855	320	-5.4	22.9	-26.1	-10	27
210	326	22	1.5	8.9	-6.4	-1	19
220	136	-140	8.9	5.8	-1.1	4	4
230	138	-200	12.8	4.3	-1.5	2	1
240	-40	17	5.6	-.6	3.4	31	71
250	-181	170	1.2	-3.4	1.1	3	3
260	36	-350	15.6	1.8	-4.5	13	1
270	-28	-114	6.2	-1.2	-.3	2	-1
280	-340	-97	5.9	-7.8	3.8	-3	10
290	-536	-435	16.1	-12.3	4.7	-4	9
300	-802	-314	12.9	-18.8	7.9	-3	9
310	-1367	97	1.2	-31.1	23.6	1	17
320	-2719	1314	-25.0	-62.2	90.1	13	29
330	-3625	1590	-30.9	-82.5	126.6	13	30
340	-4375	1410	-29.0	-98.2	147.2	10	30
350	-4658	1644	-34.7	-103.9	158.3	11	30

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									-4652.8	2044.1	-48.3	-102.8	165.2
10TH	3.35	-365.6	153.7	253	366	-1442.4	420.2	13	32	-4287.3	1890.4	-41.7	-87.8	151.6
11TH	6.70	-362.8	149.6	253	366	-1431.5	409.3	13	32	-3924.5	1740.8	-35.6	-74.1	138.1
12TH	10.05	-360.0	145.6	253	366	-1420.5	398.3	13	32	-3564.4	1595.1	-30.0	-61.5	124.8
13TH	13.40	-357.3	141.6	253	366	-1409.6	387.3	13	32	-3207.2	1453.5	-24.9	-50.2	111.7
14TH	16.75	-354.5	137.6	253	366	-1398.7	376.4	12	32	-2852.7	1315.9	-20.2	-40.0	98.8
15TH	20.10	-351.5	135.9	253	366	-1386.7	371.8	12	31	-2501.2	1179.9	-16.1	-31.1	86.2
16TH	23.45	-348.0	138.4	253	366	-1373.1	378.4	12	31	-2153.2	1041.6	-12.3	-23.3	73.8
17TH	26.80	-344.6	140.8	253	366	-1359.6	385.1	12	30	-1808.6	900.8	-9.1	-16.6	61.7
18TH	30.15	-341.1	143.2	253	366	-1346.0	391.7	12	30	-1467.5	757.5	-6.3	-11.1	49.8
19TH	33.50	-337.7	145.7	253	366	-1332.4	398.3	12	29	-1129.8	611.9	-4.0	-6.8	38.2
20TH	36.85	-335.9	152.6	253	366	-1325.2	417.2	13	28	-793.9	459.3	-2.2	-3.6	26.9
21ST	40.20	-334.4	160.5	253	366	-1319.3	439.1	13	27	-459.5	298.8	-1.0	-1.5	15.7
22ND	43.55	-265.9	171.6	253	322	-1049.0	533.1	15	24	-193.6	127.2	-.2	-.4	6.8
TOP	47.37	-193.6	127.2	289	367	-670.0	346.7	16	24	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 10 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									-4697.1	2502.0	-61.1	-105.2	171.3
		-357.2	174.5	253	366	-1409.2	477.4	15	31					
10TH	3.35									-4340.0	2327.5	-53.0	-90.1	157.7
		-356.5	171.4	253	366	-1406.4	468.7	15	31					
11TH	6.70									-3983.5	2156.1	-45.5	-76.2	144.3
		-355.8	168.2	253	366	-1403.6	460.1	14	31					
12TH	10.05									-3627.8	1987.9	-38.5	-63.4	131.0
		-355.1	165.1	253	366	-1400.9	451.4	14	31					
13TH	13.40									-3272.7	1822.8	-32.1	-51.9	117.7
		-354.3	161.9	253	366	-1398.1	442.8	14	31					
14TH	16.75									-2918.4	1660.9	-26.3	-41.5	104.6
		-352.8	161.6	253	366	-1392.1	441.9	14	30					
15TH	20.10									-2565.5	1499.3	-21.0	-32.3	91.6
		-350.2	166.3	253	366	-1381.7	454.7	14	30					
16TH	23.45									-2215.4	1333.0	-16.3	-24.3	78.8
		-347.6	170.9	253	366	-1371.3	467.5	14	29					
17TH	26.80									-1867.8	1162.1	-12.1	-17.5	66.2
		-344.9	175.6	253	366	-1360.9	480.3	15	29					
18TH	30.15									-1522.9	986.5	-8.5	-11.8	53.8
		-342.3	180.3	253	366	-1350.5	493.1	15	28					
19TH	33.50									-1180.6	806.1	-5.5	-7.2	41.6
		-341.3	191.3	253	366	-1346.8	523.2	15	27					
20TH	36.85									-839.3	614.9	-3.1	-3.9	29.5
		-340.7	203.8	253	366	-1344.4	557.4	15	26					
21ST	40.20									-498.5	411.1	-1.4	-1.6	17.6
		-279.4	216.8	253	322	-1102.5	673.6	17	22					
22ND	43.55									-219.1	194.3	-.4	-.4	7.8
		-219.1	194.3	289	367	-758.1	529.4	18	20					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 20 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
9TH	0.00									-4678.8	3046.5	-74.1	-106.4	178.0
		-348.2	205.1	253	366	-1373.8	560.8	18	30					
10TH	3.35									-4330.6	2841.5	-64.3	-91.3	163.7
		-347.9	204.0	253	366	-1372.8	557.9	18	30					
11TH	6.70									-3982.6	2637.5	-55.1	-77.4	149.6
		-347.7	203.0	253	366	-1371.8	555.1	17	30					
12TH	10.05									-3635.0	2434.5	-46.6	-64.6	135.7
		-347.4	201.9	253	366	-1370.8	552.2	17	30					
13TH	13.40									-3287.5	2232.6	-38.8	-53.0	121.9
		-347.2	200.9	253	366	-1369.8	549.4	17	29					
14TH	16.75									-2940.3	2031.7	-31.6	-42.6	108.4
		-346.3	202.3	253	366	-1366.4	553.4	17	29					
15TH	20.10									-2594.0	1829.4	-25.2	-33.3	95.0
		-344.7	208.2	253	366	-1359.8	569.5	17	28					
16TH	23.45									-2249.4	1621.1	-19.4	-25.2	81.9
		-343.0	214.1	253	366	-1353.3	585.5	17	27					
17TH	26.80									-1906.4	1407.1	-14.3	-18.3	69.1
		-341.3	220.0	253	366	-1346.7	601.6	17	26					
18TH	30.15									-1565.1	1187.1	-10.0	-12.4	56.5
		-339.6	225.8	253	366	-1340.1	617.6	17	25					
19TH	33.50									-1225.4	961.3	-6.4	-7.8	44.1
		-339.4	238.7	253	366	-1339.1	652.7	17	24					
20TH	36.85									-886.0	722.6	-3.6	-4.2	31.9
		-339.4	253.1	253	366	-1339.2	692.4	17	23					
21ST	40.20									-546.6	469.4	-1.6	-1.8	19.9
		-291.8	252.8	253	322	-1151.4	785.4	18	20					
22ND	43.55									-254.8	216.7	-.4	-.5	9.4
		-254.8	216.7	289	367	-881.5	590.4	18	22					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 30 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
9TH	0.00									-4130.9	2802.7	-70.0	-92.9	152.3
		-308.8	182.9	253	366	-1218.5	500.1	16	28					
10TH	3.35									-3822.1	2619.8	-60.9	-79.6	140.7
		-309.6	181.0	253	366	-1221.6	494.9	16	28					
11TH	6.70									-3512.5	2438.9	-52.4	-67.3	129.2
		-310.4	179.1	253	366	-1224.6	489.7	16	28					
12TH	10.05									-3202.1	2259.8	-44.5	-56.1	117.7
		-311.1	177.1	253	366	-1227.6	484.5	16	28					
13TH	13.40									-2891.0	2082.7	-37.3	-45.9	106.3
		-311.9	175.2	253	366	-1230.6	479.3	16	28					
14TH	16.75									-2579.1	1907.4	-30.6	-36.7	94.8
		-311.5	176.9	253	366	-1228.9	483.8	16	28					
15TH	20.10									-2267.6	1730.5	-24.5	-28.6	83.4
		-309.1	184.8	253	366	-1219 5	505.5	16	27					
16TH	23.45									-1958.5	1545.7	-19.0	-21.5	72.2
		-306.7	192.8	253	366	-1210.2	527.2	16	26					
17TH	26.80									-1651.8	1352.9	-14.2	-15.5	61.0
		-304.4	200.7	253	366	-1200.9	548.9	17	25					
18TH	30.15									-1347.4	1152.2	-10.0	-10.5	49.9
		-302.0	208.6	253	366	-1191.6	570.6	17	25					
19TH	33.50									-1045.4	943.6	-6.4	-6.4	38.9
		-300.8	222.6	253	366	-1186.9	608.7	17	23					
20TH	36.85									-744.6	721.0	-3.7	-3.4	28.0
		-299.9	238.0	253	366	-1183.2	650.9	18	22					
21ST	40.20									-444.7	483.0	-1.6	-1.5	17.1
		-247.6	250.2	253	322	-976.7	777.3	19	18					
22ND	43.55									-197.2	232.9	-.4	-.4	7.9
		-197.2	232.9	289	367	-682.2	634.6	20	17					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 40 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
9TH	0.00									-3840.6	3165.2	-76.3	-89.5	135.8
		-262.0	226.9	253	366	-1033.6	620.5	19	22					
10TH	3.35									-3578.6	2938.3	-66.1	-77.1	125.8
		-266.4	222.5	253	366	-1050.9	608.6	18	22					
11TH	6.70									-3312.3	2715.8	-56.6	-65.5	115.8
		-270.7	218.2	253	366	-1068.3	596.6	18	22					
12TH	10.05									-3041.5	2497.7	-47.9	-54.9	105.8
		-275.1	213.8	253	366	-1085.6	584.7	18	23					
13TH	13.40									-2766.4	2283.9	-39.8	-45.2	95.8
		-279.5	209.4	253	366	-1103.0	572.7	17	23					
14TH	16.75									-2486.8	2074.5	-32.5	-36.4	85.8
		-283.0	208.2	253	366	-1116.6	569.5	17	23					
15TH	20.10									-2203.8	1866.2	-25.9	-28.5	75.8
		-284.8	212.6	253	366	-1123.5	581.4	17	22					
16TH	23.45									-1919.1	1653.6	-20.0	-21.6	65.8
		-286.5	217.0	253	366	-1130.5	593.4	17	22					
17TH	26.80									-1632.6	1436.7	-14.9	-15.6	55.8
		-288.3	221.4	253	366	-1137.4	605.4	17	22					
18TH	30.15									-1344.3	1215.3	-10.4	-10.7	46.0
		-290.0	225.7	253	366	-1144.3	617.3	16	21					
19TH	33.50									-1054.3	989.6	-6.7	-6.6	36.1
		-293.0	236.5	253	366	-1156.1	646.7	16	20					
20TH	36.85									-761.2	753.1	-3.8	-3.6	26.3
		-296.3	248.7	253	366	-1168.9	680.3	16	19					
21ST	40.20									-465.0	504.4	-1.7	-1.5	16.5
		-252.0	263.9	253	322	-994.5	819.8	17	16					
22ND	43.55									-212.9	240.6	-.5	-.4	7.9
		-212.9	240.6	289	367	-736.7	655.5	18	16					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 50 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									-3449.4	2694.0	-66.6	-80.9	120.7
10TH	3.35	-228.5	181.7	253	366	-901.7	496.9	18	23	-3220.9	2512.3	-57.9	-69.7	112.2
11TH	6.70	-233.8	179.6	253	366	-922.4	491.1	18	23	-2987.1	2332.7	-49.8	-59.3	103.5
12TH	10.05	-239.0	177.5	253	366	-943.0	485.3	17	23	-2748.1	2155.3	-42.3	-49.7	94.8
13TH	13.40	-244.2	175.3	253	366	-963.7	479.5	17	24	-2503.8	1980.0	-35.3	-40.9	86.1
14TH	16.75	-249.5	173.2	253	366	-984.3	473.7	17	24	-2254.4	1806.7	-29.0	-32.9	77.2
15TH	20.10	-253.8	173.5	253	366	-1001.2	474.5	16	24	-2000.6	1633.2	-23.2	-25.8	68.3
16TH	23.45	-256.8	178.0	253	366	-1013.1	486.8	16	23	-1743.8	1455.2	-18.0	-19.5	59.4
17TH	26.80	-259.8	182.5	253	366	-1025.0	499.1	16	23	-1484.1	1272.7	-13.5	-14.1	50.5
18TH	30.15	-262.8	187.0	253	366	-1036.9	511.4	16	23	-1221.3	1085.7	-9.5	-9.6	41.6
19TH	33.50	-265.8	191.5	253	366	-1048.8	523.7	16	22	-955.4	894.2	-6.2	-5.9	32.7
20TH	36.85	-269.9	203.8	253	366	-1065.0	557.4	16	21	-685.5	690.3	-3.6	-3.2	23.7
21ST	40.20	-274.2	218.0	253	366	-1082.1	596.3	16	20	-411.3	472.3	-1.6	-1.3	14.7
22ND	43.55	-228.2	244.2	253	322	-900.2	758.6	17	16	-183.1	228.2	-.4	-.3	6.8
TOP	47.37	-183.1	228.2	289	367	-633.5	621.7	18	15	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
9TH	0.00									-2173.3	1584.3	-39.9	-51.9	83.0
		-136.6	103.0	253	366	-538.9	281.7	20	26					
10TH	3.35									-2036.8	1481.4	-34.8	-44.9	77.3
		-140.9	102.0	253	366	-555.8	278.9	19	27					
11TH	6.70									-1895.9	1379.4	-30.0	-38.3	71.6
		-145.2	100.9	253	366	-572.7	276.1	19	27					
12TH	10.05									-1750.7	1278.4	-25.6	-32.2	65.8
		-149.4	99.9	253	366	-589.6	273.2	18	27					
13TH	13.40									-1601.3	1178.5	-21.4	-26.5	59.9
		-153.7	98.9	253	366	-606.5	270.4	18	27					
14TH	16.75									-1447.6	1079.6	-17.7	-21.4	54.0
		-157.6	99.4	253	366	-621.7	271.8	17	27					
15TH	20.10									-1290.0	980.3	-14.2	-16.9	47.9
		-160.7	102.5	253	366	-634.1	280.4	17	27					
16TH	23.45									-1129.3	877.8	-11.1	-12.8	41.8
		-163.8	105.7	253	366	-646.4	289.0	17	27					
17TH	26.80									-965.5	772.1	-8.3	-9.3	35.7
		-167.0	108.8	253	366	-658.8	297.6	17	26					
18TH	30.15									-798.5	663.3	-5.9	-6.3	29.5
		-170.1	111.9	253	366	-671.1	306.1	17	26					
19TH	33.50									-628.4	551.4	-3.9	-3.9	23.2
		-174.1	120.3	253	366	-686.9	329.1	17	25					
20TH	36.85									-454.3	431.0	-2.2	-2.1	16.9
		-178.3	130.0	253	366	-703.5	355.5	17	23					
21ST	40.20									-276.0	301.1	-1.0	-.9	10.5
		-150.8	156.5	253	322	-595.1	486.4	19	18					
22ND	43.55									-125.2	144.5	-.3	-.2	4.9
		-125.2	144.5	289	367	-433.1	393.9	19	17					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 70 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									-1311.0	834.0	-23.2	-33.0	51.7
10TH	3.35	-68.9	38.2	253	366	-271.9	104.5	20	35	-1242.1	795.8	-20 5	-28 7	48.5
11TH	6.70	-73.6	39.5	253	366	-290.2	107.9	19	35	-1168.6	756.3	-17.9	-24 7	45.2
12TH	10.05	-78.2	40.7	253	366	-308.5	111.3	18	34	-1090.4	715.6	-15.4	-20.9	41.8
13TH	13.40	-82.8	41.9	253	366	-326.7	114.7	17	34	-1007.6	673.7	-13.1	-17.4	38.3
14TH	16.75	-87.4	43.2	253	366	-345.0	118.1	16	33	-920.1	630.5	-10.9	-14.1	34.8
15TH	20.10	-91.7	45.8	253	366	-362.0	125.3	16	32	-828.4	584.7	-8.9	-11.2	31.1
16TH	23.45	-95.5	50.8	253	366	-376.7	139.0	16	31	-732.9	533.9	-7.0	-8.6	27.3
17TH	26.80	-99 2	55.8	253	366	-391.4	152.7	17	29	-633.7	478.0	-5.3	-6.3	23.5
18TH	30.15	-102.9	60.9	253	366	-406.1	166.5	17	28	-530.8	417.1	-3.8	-4.4	19.6
19TH	33.50	-106.6	65.9	253	366	-420.8	180.2	17	27	-424.2	351.2	-2.5	-2.8	15.6
20TH	36.85	-110.9	73.5	253	366	-437.5	201.1	17	25	-313.3	277.7	-1.5	-1.5	11.5
21ST	40.20	-115.2	81.8	253	366	-454.7	223.9	17	24	-198.0	195.9	- .7	- .7	7.4
22ND	43.55	-103.0	102.9	253	322	-406.5	319.7	18	18	-95.0	93.0	- .2	- .2	3.6
TOP	47.37	-95.0	93.0	289	367	-328.7	253.3	19	19	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 80 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
9TH	0.00									-942.7	309.6	-9.5	-22.8	36.9
		-54.3	12.8	253	366	-214.3	35.0	10	44					
10TH	3.35									-888.4	296.8	-8.5	-19.8	34.4
		-57.4	12.4	253	366	-226.6	33.9	9	43					
11TH	6.70									-830.9	284.4	-7.5	-16.9	31.8
		-60.6	12.0	253	366	-239.0	32.9	8	41					
12TH	10.05									-770.4	272.4	-6.6	-14.2	29.2
		-63.7	11.6	253	366	-251.3	31.8	7	40					
13TH	13.40									-706.7	260.8	-5.7	-11.7	26.6
		-66.8	11.3	253	366	-263.6	30.8	7	39					
14TH	16.75									-639.8	249.5	-4.8	-9.5	23.9
		-69.4	11.9	253	366	-273.7	32.6	7	38					
15TH	20.10									-570.5	237.6	-4.0	-7.4	21.2
		-70.9	14.4	253	366	-279.8	39.3	7	37					
16TH	23.45									-499.6	223.2	-3.2	-5.7	18.4
		-72.5	16.8	253	366	-285.9	46.0	8	36					
17TH	26.80									-427.1	206.4	-2.5	-4.1	15.7
		-74.0	19.3	253	366	-292.0	52.7	9	35					
18TH	30.15									-353.1	187.1	-1.9	-2.8	12.9
		-75.5	21.7	253	366	-298.1	59.5	10	34					
19TH	33.50									-277.6	165.4	-1.3	-1.7	10.2
		-77.4	27.5	253	366	-305.3	75.2	11	32					
20TH	36.85									-200.2	137.9	-.8	-.9	7.4
		-79.2	34.0	253	366	-312.7	93.1	13	30					
21ST	40.20									-121.0	103.9	-.4	-.4	4.6
		-66.7	53.9	253	322	-263.1	167.5	18	22					
22ND	43.55									-54.3	50.0	-.1	-.1	2.1
		-54.3	50.0	289	367	-187.9	136.1	20	21					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
9TH	0.00									-448.3	-87.6	.3	-10.2	17.5
		-30.4	-12.5	253	366	-120.1	-34.3	-16	38					
10TH	3.35									-417.9	-75.0	.0	-8.7	16.2
		-31.6	-13.2	253	366	-124.8	-36.2	-15	37					
11TH	6.70									-386.3	-61.8	-.2	-7.4	14.8
		-32.9	-13.9	253	366	-129.6	-38.0	-15	36					
12TH	10.05									-353.4	-47.9	-.4	-6.1	13.4
		-34.1	-14.6	253	366	-134.4	-39.9	-15	35					
13TH	13.40									-319.4	-33.3	-.5	-5.0	12.0
		-35.3	-15.3	253	366	-139.2	-41.7	-15	34					
14TH	16.75									-284.1	-18.1	-.6	-4.0	10.6
		-35.8	-15.0	253	366	-141.3	-40.9	-14	33					
15TH	20.10									-248.3	-3.1	-.7	-3.1	9.2
		-35.1	-13.0	253	366	-138.5	-35.4	-12	34					
16TH	23.45									-213.2	9.9	-.7	-2.3	7.8
		-34.4	-10.9	253	366	-135.6	-29.9	-11	34					
17TH	26.80									-178.8	20.8	-.6	-1.7	6.6
		-33.7	-8.9	253	366	-132.8	-24.4	-9	35					
18TH	30.15									-145.1	29.7	-.5	-1.1	5.3
		-32.9	-6.9	253	366	-130.0	-18.9	-7	35					
19TH	33.50									-112.2	36.7	-.4	-.7	4.1
		-32.4	-3.8	253	366	-127.6	-10.4	-4	35					
20TH	36.85									-79.8	40.5	-.3	-.4	2.9
		-31.8	-.4	253	366	-125.4	-1.1	-0	35					
21ST	40.20									-48.1	40.8	-.1	-.2	1.8
		-26.4	20.9	253	322	-104.3	65.0	18	22					
22ND	43.55									-21.6	19.9	-.0	-.0	.9
		-21.6	19.9	289	367	-74.8	54.3	20	22					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 100 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									-172.7	-246.3	3.9	-3.8	5.4
10TH	3.35	-8.1	-25.1	253	366	-31.9	-68.7	-16	5	-164.6	-221.2	3.1	-3.3	5.0
11TH	6.70	-10.2	-25.8	253	366	-40.1	-70.5	-16	6	-154.4	-195.4	2.4	-2.7	4.5
12TH	10.05	-12.2	-26.4	253	366	-48.3	-72.2	-16	8	-142.2	-169.0	1.8	-2.2	4.0
13TH	13.40	-14.3	-27.0	253	366	-56.5	-73.9	-16	9	-127.8	-142.0	1.2	-1.8	3.4
14TH	16.75	-16.4	-27.7	253	366	-64.8	-75.6	-16	9	-111.4	-114.3	.8	-1.4	2.8
15TH	20.10	-17.4	-27.1	253	366	-68.6	-74.1	-16	10	-94.1	-87.3	.5	-1.0	2.2
16TH	23.45	-16.4	-24.4	253	366	-64.6	-66.7	-15	10	-77.7	-62.9	.2	-.7	1.7
17TH	26.80	-15.4	-21.7	253	366	-60.6	-59.4	-14	10	-62.3	-41.1	.1	-.5	1.2
18TH	30.15	-14.4	-19.0	253	366	-56.7	-52.1	-13	10	-47.9	-22.1	-.1	-.3	.8
19TH	33.50	-13.4	-16.3	253	366	-52.7	-44.7	-12	10	-34.6	-5.8	-.1	-.2	.5
20TH	36.85	-12.3	-13.3	253	366	-48.7	-36.4	-11	10	-22.2	7.6	-.1	-.1	.2
21ST	40.20	-11.3	-10.2	253	366	-44.7	-27.9	-8	9	-10.9	17.8	-.1	-.0	.0
22ND	43.55	-7.7	10.3	253	322	-30.3	32.1	6	4	-3.3	7.4	-.0	-.0	-.1
TOP	47.37	-3.3	7.4	289	367	-11.3	20.2	-6	-3	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 110 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00													
		21.5	.1	253	366	84.6	.3	-0	31	184.0	3.3	-2.2	4.9	-8.3
10TH	3.35									162.5	3.1			
		17.0	-3.8	253	366	67.1	-10.5	7	31			-2.2	4.3	-7.6
11TH	6.70									145.5	7.0			
		12.6	-7.8	253	366	49.6	-21.3	17	27			-2.2	3.8	-7.0
12TH	10.05									133.0	14.8			
		8.1	-11.7	253	366	32.1	-32.1	21	15			-2.2	3.3	-6.6
13TH	13.40									124.8	26.5			
		3.7	-15.7	253	366	14.5	-42.9	16	4			-2.1	2.9	-6.2
14TH	16.75									121.1	42.2			
		1.9	-16.7	253	366	7.4	-45.6	14	2			-2.0	2.4	-5.9
15TH	20.10									119.3	58.9			
		4.6	-12.5	253	366	18.3	-34.3	24	9			-1.8	2.0	-5.7
16TH	23.45									114.6	71.4			
		7.4	-8.4	253	366	29.3	-23.0	30	26			-1.6	1.7	-5.4
17TH	26.80									107.2	79.8			
		10.2	-4.3	253	366	40.3	-11.7	19	46			-1.3	1.3	-4.9
18TH	30.15									97.0	84.1			
		13.0	-.1	253	366	51.2	-.4	0	50			-1.1	.9	-4.4
19TH	33.50									84.0	84.2			
		15.8	4.5	253	366	62.3	12.3	-12	44			-.8	.6	-3.7
20TH	36.85									68.2	79.7			
		18.6	9.2	253	366	73.3	25.3	-18	37			-.5	.4	-3.0
21ST	40.20									49.6	70.5			
		21.5	33.4	253	322	84.9	103.8	-20	13			-.3	.2	-2.1
22ND	43.55									28.1	37.1			
		28.1	37.1	289	367	97.3	101.0	-20	15			-.1	.1	-1.2
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									297.4	30.8	-3.0	7.1	-11.6
10TH	3.35	25.6	-2.6	253	366	101.2	-7.1	3	31	271.8	33.4	-2.9	6.2	-10.8
11TH	6.70	23.7	-4.9	253	366	93.3	-13.5	7	32	248.2	38.3	-2.8	5.3	-10.0
12TH	10.05	21.7	-7.2	253	366	85.5	-19.8	11	32	226.5	45.6	-2.7	4.5	-9.2
13TH	13.40	19.7	-9.5	253	366	77.7	-26.1	15	30	206.8	55.1	-2.5	3.8	-8.5
14TH	16.75	17.7	-11.9	253	366	69.9	-32.4	19	28	189.1	67.0	-2.3	3.1	-7.8
15TH	20.10	16.5	-12.0	253	366	65.1	-32.9	20	28	172.6	79.0	-2.0	2.5	-7.1
16TH	23.45	17.6	-8.4	253	366	69.3	-23.1	17	35	155.0	87.4	-1.8	1.9	-6.3
17TH	26.80	18.6	-4.8	253	366	73.5	-13.2	10	40	136.4	92.3	-1.5	1.5	-5.5
18TH	30.15	19.7	-1.2	253	366	77.6	-3.4	3	42	116.7	93.5	-1.1	1.0	-4.7
19TH	33.50	20.7	2.4	253	366	81.8	6.5	-5	41	96.0	91.1	-.8	.7	-3.8
20TH	36.85	21.9	5.8	253	366	86.4	15.7	-10	38	74.1	85.4	-.5	.4	-2.9
21ST	40.20	23.1	9.2	253	366	91.0	25.0	-14	35	51.1	76.2	-.3	.2	-2.0
22ND	43.55	23.7	36.9	253	322	93.5	114.8	-18	12	27.4	39.3	-.1	.1	-1.1
TOP	47.37	27.4	39.3	289	367	94.7	107.1	-18	13	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 130 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
9TH	0.00									604.2	179.0	-6.5	14.0	-33.5
		55.8	12.9	253	366	220.2	35.2	-11	47					
10TH	3.35									548.4	166.2	-5.9	12.0	-30.7
		51.3	8.8	253	366	202.5	24.0	-9	50					
11TH	6.70									497.1	157.4	-5.4	10.3	-28.0
		46.8	4.7	253	366	184.7	12.8	-5	53					
12TH	10.05									450.3	152.7	-4.8	8.7	-25.6
		42.3	.6	253	366	166.9	1.6	-1	55					
13TH	13.40									408.0	152.1	-4.3	7.3	-23.2
		37.8	-3.5	253	366	149.1	-9.6	5	58					
14TH	16.75									370.2	155.6	-3.8	5.9	-21.0
		35.0	-4.7	253	366	138.2	-12.9	8	59					
15TH	20.10									335.2	160.3	-3.3	4.8	-18.9
		36.4	-.9	253	366	143.5	-2.5	1	60					
16TH	23.45									298.8	161.2	-2.8	3.7	-16.7
		37.7	2.9	253	366	148.9	7.9	-4	58					
17TH	26.80									261.1	158.3	-2.2	2.8	-14.5
		39.1	6.7	253	366	154.2	18.3	-10	56					
18TH	30.15									222.0	151.6	-1.7	2.0	-12.2
		40.4	10.5	253	366	159.6	28.7	-14	53					
19TH	33.50									181.6	141.1	-1.2	1.3	-9.9
		41.8	14.9	253	366	164.9	40.7	-18	50					
20TH	36.85									139.8	126.3	-.8	.7	-7.6
		43.2	19.4	253	366	170.3	53.1	-21	46					
21ST	40.20									96.6	106.8	-.4	.3	-5.2
		44.5	53.0	253	322	175.5	164.6	-27	23					
22ND	43.55									52.1	53.9	-.1	1	-2.8
		52.1	53.9	289	367	180.4	146.8	-26	26					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 140 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
9TH	0.00									1547.8	767.8	-23.6	38.2	-77.3
		115.6	44.8	253	366	456.3	122.6	-15	38					
10TH	3.35									1432.2	723.0	-21.1	33.2	-72.3
		109.3	38.3	253	366	431.1	104.6	-14	40					
11TH	6.70									1322.9	684.7	-18.7	28.6	-67.4
		102.9	31.7	253	366	405.9	86.7	-13	43					
12TH	10.05									1220.0	653.0	-16.5	24.4	-62.5
		96.5	25.1	253	366	380.7	68.7	-12	47					
13TH	13.40									1123.6	627.9	-14.3	20.4	-57.7
		90.1	18.6	253	366	355.5	50.8	-10	51					
14TH	16.75									1033.4	609.3	-12.3	16.8	-52.9
		88.4	17.9	253	366	348.6	49.0	-11	53					
15TH	20.10									945.1	591.4	-10.3	13.5	-48.1
		95.5	27.6	253	366	376.6	75.5	-14	50					
16TH	23.45									849.6	563.8	-8.3	10.5	-42.9
		102.6	37.3	253	366	404.6	102.0	-17	47					
17TH	26.80									747.1	526.5	-6.5	7.8	-37.5
		109.6	47.0	253	366	432.6	128.5	-19	44					
18TH	30.15									637.4	479.6	-4.8	5.5	-31.8
		116.7	56.7	253	366	460.6	155.0	-20	42					
19TH	33.50									520.7	422.9	-3.3	3.6	-25.8
		124.3	68.5	253	366	490.4	187.4	-21	39					
20TH	36.85									396.4	354.4	-2.0	2.0	-19.5
		131.9	80.9	253	366	520.5	221.4	-22	36					
21ST	40.20									264.5	273.5	-1.0	.9	-12.9
		128.2	135.2	253	322	505.7	420.2	-25	24					
22ND	43.55									136.3	138.2	-.3	.3	-6.5
		136.3	138.2	289	367	471.6	376.7	-24	24					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 150 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
										1818.7	834.2	-25.1	46.1	-62.8
9TH	0.00	123.1	53.2	253	366	485.7	145.6	-11	26					
10TH	3.35									1695.6	780.9	-22.4	40.2	-58.9
		118.2	46.5	253	366	466.5	127.1	-11	28					
11TH	6.70									1577.3	734.5	-19.8	34.7	-55.1
		113.4	39.7	253	366	447.3	108.5	-10	30					
12TH	10.05									1464.0	694.8	-17.4	29.6	-51.3
		108.5	32.9	253	366	428.1	90.0	-10	32					
13TH	13.40									1355.5	661.9	-15.2	24.9	-47.6
		103.6	26.1	253	366	408.9	71.5	-8	34					
14TH	16.75									1251.8	635.8	-13.0	20.5	-43.9
		104.0	24.1	253	366	410.4	65.8	-8	34					
15TH	20.10									1147.8	611.7	-10.9	16.5	-40.1
		113.4	30.3	253	366	447.4	82.9	-9	33					
16TH	23.45									1034.4	581.4	-8.9	12.8	-36.0
		122.8	36.5	253	366	484.5	99.9	-10	33					
17TH	26.80									911.6	544.8	-7.0	9.6	-31.7
		132.2	42.8	253	366	521.5	117.0	-10	32					
18TH	30.15									779.4	502.1	-5.3	6.8	-27.0
		141.6	49.0	253	366	558.5	134.0	-11	31					
19TH	33.50									637.9	453.1	-3.7	4.4	-22.1
		151.7	64.0	253	366	598.4	175.1	-12	29					
20TH	36.85									486.2	389.1	-2.3	2.5	-16.9
		161.9	81.1	253	366	638.8	221.9	-14	28					
21ST	40.20									324.3	307.9	-1.1	1.1	-11.3
		157.3	149.5	253	322	620.7	464.5	-18	18					
22ND	43.55									167.0	158.4	-.3	.3	-5.7
		167.0	158.4	289	367	577.8	431.6	-17	18					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 160 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									1257.5	342.7	-10.1	30.7	-31.6
10TH	3.35	91.4	31.0	253	366	360.8	84.7	-7	22	1166.1	311.8	-9.0	26.7	-29.4
11TH	6.70	87.7	24.8	253	366	345.9	67.9	-6	23	1078.4	286.9	-8.0	22.9	-27.2
12TH	10.05	83.9	18.7	253	366	331.1	51.2	-5	24	994.5	268.2	-7.1	19.4	-25.1
13TH	13.40	80.2	12.6	253	366	316.2	34.4	-4	25	914.3	255.6	-6.2	16.2	-23.1
14TH	16.75	76.4	6.5	253	366	301.4	17.7	-2	26	837.9	249.2	-5.4	13.3	-21.1
15TH	20.10	76.0	4.1	253	366	299.8	11.2	-1	26	762.0	245.1	-4.5	10.6	-19.1
16TH	23.45	81.1	8.3	253	366	320.0	22.6	-3	26	680.8	236.8	-3.7	8.2	-17.0
17TH	26.80	86.2	12.4	253	366	340.2	34.0	-4	25	594.6	224.4	-3.0	6.1	-14.8
18TH	30.15	91.4	16.6	253	366	360.5	45.4	-5	25	503.2	207.8	-2.2	4.2	-12.4
19TH	33.50	96.5	20.8	253	366	380.7	56.9	-5	24	406.8	187.0	-1.6	2.7	-10.0
20TH	36.85	102.1	23.2	253	366	402.7	63.4	-5	24	304.7	163.8	-1.0	1.5	-7.4
21ST	40.20	107.7	25.2	253	366	425.0	69.0	-5	23	197.0	138.6	-.5	.7	-4.7
22ND	43.55	99.5	70.2	253	322	392.6	218.1	-12	16	97.5	68.4	-.1	.2	-2.3
TOP	47.37	97.5	68.4	289	367	337.3	186.4	-11	16	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 170 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									1415.4	224.5	-6.8	34.6	-43.0
10TH	3.35	97.0	25.2	253	366	382.5	68.9	-6	25	1318.4	199.3	-6.1	30.0	-40.4
11TH	6.70	95.2	19.6	253	366	375.6	53.6	-5	26	1223.2	179.7	-5.5	25.7	-37.8
12TH	10.05	93.5	14.0	253	366	368.7	38.3	-4	28	1129.7	165.7	-4 9	21.8	-35.2
13TH	13.40	91.7	8.4	253	366	361.8	23.0	-3	29	1038.0	157.3	-4.3	18.2	-32.5
14TH	16.75	89.9	2.8	253	366	354.9	7.7	-1	30	948.1	154.4	-3.8	14.8	-29.8
15TH	20.10	90.6	-.3	253	366	357.5	-.8	0	31	857.5	154.7	-3.3	11.8	-27.0
16TH	23.45	95.2	1.0	253	366	375.7	2.8	-0	31	762.3	153.7	-2.8	9.1	-24.0
17TH	26.80	99.8	2.3	253	366	393.9	6.4	-1	32	662.4	151.4	-2.3	6.7	-20.8
18TH	30.15	104.5	3.6	253	366	412.1	9.9	-1	32	558.0	147.7	-1.8	4.7	-17.5
19TH	33.50	109.1	4.9	253	366	430.4	13.5	-1	32	448.9	142.8	-1.3	3.0	-14.0
20TH	36.85	114.2	9.4	253	366	450.5	25.8	-3	32	334.7	133.4	-.8	1.7	-10.3
21ST	40.20	119.4	14.8	253	366	470.9	40.4	-4	32	215.4	118.6	-.4	.7	-6.4
22ND	43.55	109.2	61.1	253	322	431.0	189.9	-13	24	106.2	57.5	-.1	.2	-3.0
TOP	47.37	106.2	57.5	289	367	367.3	156.7	-12	22	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									1629.2	290.3	-6.2	41.2	-53.1
10TH	3.35	102.8	52.8	253	366	405.6	144.4	-12	24	1526.4	237.5	-5.3	35.9	-49.9
11TH	6.70	102.0	42.6	253	366	402.3	116.6	-11	27	1424.4	194.8	-4.6	30.9	-46.7
12TH	10.05	101.1	32.5	253	366	399.0	88.8	-9	29	1323.3	162.3	-4.0	26.3	-43.5
13TH	13.40	100.3	22.3	253	366	395.7	61.1	-7	31	1223.0	140.0	-3.5	22.1	-40.2
14TH	16.75	99.4	12.2	253	366	392.4	33.3	-4	33	1123.5	127.9	-3.0	18.1	-36.9
15TH	20.10	101.2	5.4	253	366	399.4	14.7	-2	33	1022.3	122.5	-2.6	14.5	-33.5
16TH	23.45	107.3	4.5	253	366	423.2	12.4	-1	33	915.0	117.9	-2.2	11.3	-30.0
17TH	26.80	113.3	3.7	253	366	447.0	10.0	-1	33	801.7	114.3	-1.8	8.4	-26.3
18TH	30.15	119.3	2.8	253	366	470.8	7.6	-1	33	682.4	111.5	-1.4	5.9	-22.3
19TH	33.50	125.4	1.9	253	366	494.6	5.3	-1	33	557.0	109.6	-1.1	3.9	-18.3
20TH	36.85	131.8	2.7	253	366	520.1	7.3	-1	32	425.2	106.9	-.7	2.2	-14.0
21ST	40.20	138.4	3.9	253	366	545.9	10.6	-1	32	286.9	103.0	-.4	1.0	-9.6
22ND	43.55	136.4	52.4	253	322	538.1	163.0	-11	29	150.5	50.6	-.1	.3	-5.1
TOP	47.37	150.5	50.6	289	367	520.7	137.8	-10	30	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 190 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									1254.9	372.9	-7.3	33.1	-42.1
10TH	3.35	64.8	59.6	253	366	255.6	163.0	-15	16	1190.1	313.3	-6.2	29.0	-40.1
11TH	6.70	66.8	50.8	253	366	263.4	139.0	-15	20	1123.4	262.5	-5.2	25.2	-38.0
12TH	10.05	68.7	42.1	253	366	271.2	115.1	-15	24	1054.6	220.4	-4.4	21.5	-35.8
13TH	13.40	70.7	33.3	253	366	279.0	91.1	-13	27	983.9	187.1	-3.7	18.1	-33.4
14TH	16.75	72.7	24.5	253	366	286.8	67.1	-10	31	911.2	162.6	-3.1	14.9	-30.9
15TH	20.10	76.3	17.8	253	366	300.9	48.7	-8	33	835.0	144.8	-2.6	12.0	-28.3
16TH	23.45	82.9	14.7	253	366	326.9	40.2	-6	34	752.1	130.1	-2.1	9.4	-25.4
17TH	26.80	89.5	11.6	253	366	353.0	31.8	-4	34	662.7	118.5	-1.7	7.0	-22.3
18TH	30.15	96.1	8.5	253	366	379.1	23.3	-3	34	566.6	110.0	-1.3	4.9	-19.0
19TH	33.50	102.7	5.4	253	366	405.2	14.8	-2	34	463.9	104.5	-1.0	3.2	-15.5
20TH	36.85	109.7	5.0	253	366	433.0	13.7	-2	34	354.1	99.5	-.6	1.8	-11.8
21ST	40.20	116.9	5.3	253	366	461.1	14.4	-2	34	237.3	94.3	-.3	.8	-7.9
22ND	43.55	114.2	50.5	253	322	450.7	157.0	-12	28	123.0	43.7	-.1	.2	-4.0
TOP	47.37	123.0	43.7	289	367	425.6	119.2	-10	29	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS . TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 200 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									854.7	320.3	-5.4	22.9	-26.1
10TH	3.35	39.6	58.8	253	366	156.2	160.9	-13	9	815.1	261.5	-4.4	20.1	-25.0
11TH	6.70	41.9	50.1	253	366	165.3	137.0	-14	12	773.2	211.4	-3.6	17.4	-23.8
12TH	10.05	44.2	41.4	253	366	174.4	113.2	-15	16	729.1	170.0	-2.9	14.9	-22.4
13TH	13.40	46.5	32.7	253	366	183.4	89.3	-15	21	682.6	137.3	-2.4	12.5	-20.9
14TH	16.75	48.8	23.9	253	366	192.5	65.5	-13	27	633.8	113.4	-2.0	10.3	-19.3
15TH	20.10	52.1	17.1	253	366	205.5	46.7	-10	30	581.7	96.3	-1.7	8.3	-17.6
16TH	23.45	57.3	13.4	253	366	226.2	36.8	-7	31	524.3	82.9	-1.4	6.4	-15.7
17TH	26.80	62.6	9.8	253	366	246.9	26.9	-5	31	461.7	73.1	-1.1	4.8	-13.7
18TH	30.15	67.8	6.2	253	366	267.6	17.0	-3	31	393.9	66.9	-.9	3.4	-11.5
19TH	33.50	73.1	2.6	253	366	288.3	7.0	-1	31	320.8	64.3	-.6	2.2	-9.3
20TH	36.85	78.7	.1	253	366	310.5	.2	-0	31	242.1	64.2	-.4	1.2	-6.9
21ST	40.20	84.4	-2.1	253	366	333.0	-5.7	1	30	157.7	66.3	-.2	.5	-4.3
22ND	43.55	78.9	37.5	253	322	311.2	116.5	-11	24	78.9	28.8	-.1	.2	-2.0
TOP	47.37	78.9	28.8	289	367	272.9	78.5	-8	23	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 210 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
9TH	0.00									326.1	22.1	1.5	8.9	-6.4
10TH	3.35	16.9	32.8	253	366	66.7	89.7	2	-1	309.1	-10.7	1.5	7.8	-6.5
11TH	6.70	17.1	25.4	253	366	67.3	69.4	-0	0	292.1	-36.1	1.5	6.8	-6.5
12TH	10.05	17.2	17.9	253	366	67.8	49.0	-3	3	274.9	-54.0	1.3	5.8	-6.4
13TH	13.40	17.3	10.5	253	366	68.4	28.7	-5	9	257.6	-64.5	1.1	4.9	-6.2
14TH	16.75	17.5	3.1	253	366	68.9	8.4	-3	17	240.1	-67.6	.9	4.1	-5.9
15TH	20.10	18.4	-2.7	253	366	72.7	-7.3	3	21	221.7	-64.9	.7	3.3	-5.5
16TH	23.45	20.2	-5.5	253	366	79.8	-15.0	6	20	201.5	-59.4	.5	2.6	-5.0
17TH	26.80	22.0	-8.3	253	366	86.9	-22.7	7	20	179.4	-51.1	.3	2.0	-4.5
18TH	30.15	23.8	-11.1	253	366	94.0	-30.4	9	19	155.6	-40.0	.1	1.4	-4.0
19TH	33.50	25.6	-13.9	253	366	101.1	-38.1	10	18	130.0	-26.0	.0	.9	-3.4
20TH	36.85	27.8	-17.5	253	366	109.6	-47.8	10	17	102.2	-8.6	-.0	.6	-2.8
21ST	40.20	30.0	-21.1	253	366	118.5	-57.8	11	15	72.2	12.5	-.0	.3	-2.1
22ND	43.55	32.3	9.2	253	322	127.5	28.5	-7	25	39.9	3.4	-.0	.1	-1.2
TOP	47.37	39.9	3.4	289	367	138.0	9.2	-3	30	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									136.0	-140.4	0.9	5.8	-1.1
10TH	3.35	-5.2	53.3	253	366	-20.7	145.8	18	2	141.3	-193.7	0.3	5.3	-2.1
11TH	6.70	-4.4	39.9	253	366	-17.3	109.2	20	2	145.7	-233.6	7.6	4.8	-2.9
12TH	10.05	-3.5	26.6	253	366	-14.0	72.6	24	3	149.2	-260.2	6.8	4.3	-3.5
13TH	13.40	-2.7	13.2	253	366	-10.6	36.0	37	8	151.9	-273.4	5.9	3.8	-4.0
14TH	16.75	-1.8	-.2	253	366	-7.3	-.5	-21	197	153.7	-273.2	5.0	3.3	-4.4
15TH	20.10	.1	-10.8	253	366	.5	-29.4	-21	-0	153.6	-262.4	4.1	2.8	-4.6
16TH	23.45	3.9	-16.4	253	366	15.2	-44.8	-5	-1	149.8	-246.0	3.2	2.3	-4.7
17TH	26.80	7.6	-22.0	253	366	29.9	-60.1	3	1	142.2	-224.1	2.4	1.8	-4.6
18TH	30.15	11.3	-27.6	253	366	44.6	-75.4	6	3	130.9	-196.5	1.7	1.3	-4.4
19TH	33.50	15.0	-33.2	253	366	59.3	-90.8	9	4	115.8	-163.3	1.1	.9	-4.1
20TH	36.85	18.9	-39.6	253	366	74.6	-108.4	10	5	96.9	-123.6	.6	.6	-3.6
21ST	40.20	22.8	-46.2	253	366	90.1	-126.5	11	5	74.1	-77.4	.3	.3	-3.0
22ND	43.55	29.9	-28.8	253	322	118.1	-89.6	18	19	44.1	-48.5	.1	.1	-1.9
TOP	47.37	44.1	-48.5	289	367	152.7	-132.3	21	19	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 230 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00													
		4.8	67.0	253	366	19.0	183.3	1	-0	137.7	-200.1	12.8	4.3	-.5
10TH	3.35													
		4.7	51.6	253	366	18.5	141.2	0	-0	132.9	-267.1	12.0	3.8	-.5
11TH	6.70													
		4.6	36.2	253	366	18.1	99.1	0	-0	128.2	-318.7	11.0	3.4	-.5
12TH	10.05													
		4.5	20.8	253	366	17.6	57.0	-1	0	123.6	-355.0	9.9	3.0	-.5
13TH	13.40													
		4.4	5.4	253	366	17.2	14.9	-3	2	119.2	-375.8	8.6	2.6	-.5
14TH	16.75													
		4.9	-7.8	253	366	19.5	-21.2	3	2	114.8	-381.3	7.4	2.2	-.5
15TH	20.10													
		6.8	-17.1	253	366	26.7	-46.9	2	1	109.9	-373.5	6.1	1.8	-.5
16TH	23.45													
		8.6	-26.5	253	366	34.0	-72.5	1	0	103.1	-356.4	4.9	1.4	-.4
17TH	26.80													
		10.4	-35.9	253	366	41.2	-98.1	1	0	94.5	-329.9	3.7	1.1	-.4
18TH	30.15													
		12.3	-45.2	253	366	48.4	-123.7	1	0	84.1	-294.0	2.7	.8	-.4
19TH	33.50													
		14.2	-54.7	253	366	56.0	-149.5	1	0	71.8	-248.8	1.8	.5	-.3
20TH	36.85													
		16.1	-64.1	253	366	63.6	-175.3	1	0	57.6	-194.1	1.0	.3	-.3
21ST	40.20													
		18.2	-52.3	253	322	71.7	-162.5	1	0	41.5	-130.0	.5	.2	-.2
22ND	43.55													
		23.3	-77.7	289	367	80.7	-211.7	2	1	23.3	-77.7	.1	.0	-.1
TOP	47.37													
										0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 240 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									-39.6	17.4	5.6	-.6	3.4
10TH	3.35	-.5	63.6	253	366	-2.0	174.0	2	0	-39.1	-46.2	5.5	-.5	3.2
11TH	6.70	-1.9	51.2	253	366	-7.5	140.1	3	0	-37.2	-97.4	5.3	-.4	3.1
12TH	10.05	-3.3	38.8	253	366	-12.9	106.2	4	0	-33.9	-136.3	4.9	-.3	2.9
13TH	13.40	-4.7	26.4	253	366	-18.4	72.3	6	1	-29.3	-162.7	4.4	-.1	2.8
14TH	16.75	-6.0	14.0	253	366	-23.8	38.4	11	5	-23.2	-176.7	3.8	-.1	2.6
15TH	20.10	-6.6	3.9	253	366	-26.0	10.7	13	21	-16.6	-180.6	3.2	.0	2.4
16TH	23.45	-6.0	-2.2	253	366	-23.5	-6.1	-12	31	-10.7	-178.4	2.6	.1	2.2
17TH	26.80	-5.3	-8.4	253	366	-20.9	-22.8	-20	13	-5.4	-170.1	2.0	.1	2.0
18TH	30.15	-4.7	-14.5	253	366	-18.4	-39.6	-16	5	-.7	-155.6	1.5	.1	1.7
19TH	33.50	-4.0	-20.6	253	366	-15.9	-56.4	-13	3	3.3	-135.0	1.0	.1	1.4
20TH	36.85	-3.3	-26.9	253	366	-12.9	-73.7	-11	1	6.6	-108.0	.6	.1	1.1
21ST	40.20	-2.5	-33.3	253	366	-9.8	-91.0	-10	1	9.1	-74.7	.3	.0	.8
22ND	43.55	1.5	-25.5	253	322	5.8	-79.2	-14	-1	7.6	-49.3	.1	.0	.4
TOP	47.37	7.6	-49.3	289	367	26.2	-134.2	-9	-1	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 250 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									-181.0	169.9	1.2	-3.4	1.1
10TH	3.35	-18.8	58.9	253	366	-74.0	161.1	15	5	-162.2	111.0	1.7	-2.8	.1
11TH	6.70	-18.2	50.8	253	366	-71.7	139.0	14	5	-144.0	60.2	2.0	-2.3	-.7
12TH	10.05	-17.6	42.8	253	366	-69.4	116.9	14	6	-126.4	17.4	2.1	-1.8	-1.4
13TH	13.40	-17.0	34.7	253	366	-67.1	94.8	12	6	-109.4	-17.2	2.1	-1.4	-1.9
14TH	16.75	-16.4	26.6	253	366	-64.8	72.7	10	6	-93.0	-43.8	2.0	-1.1	-2.3
15TH	20.10	-15.6	19.3	253	366	-61.6	52.9	8	6	-77.4	-63.2	1.8	-.8	-2.6
16TH	23.45	-14.5	13.6	253	366	-57.2	37.1	4	4	-62.9	-76.8	1.6	-.6	-2.7
17TH	26.80	-13.4	7.8	253	366	-52.9	21.4	-0	-0	-49.5	-84.6	1.3	-.4	-2.7
18TH	30.15	-12.3	2.0	253	366	-48.6	5.6	-2	-10	-37.2	-86.6	1.0	-.2	-2.6
19TH	33.50	-11.2	-3.7	253	366	-44.2	-10.2	7	-20	-26.0	-82.9	.7	-.1	-2.3
20TH	36.85	-10.0	-9.7	253	366	-39.6	-26.5	19	-19	-15.9	-73.2	.5	-.1	-1.9
21ST	40.20	-8.9	-15.7	253	366	-35.0	-42.9	24	-14	-7.0	-57.5	.2	-.0	-1.4
22ND	43.55	-5.5	-16.0	253	322	-21.8	-49.7	34	-12	-1.5	-41.5	.1	-.0	-.8
TOP	47.37	-1.5	-41.5	289	367	-5.2	-113.2	20	-1	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 260 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									35.8	-349.7	15.6	1.8	-4.5
		-5.4	39.7	253	366	-21.2	108.5	13	2					
10TH	3.35									41.2	-389.4	14.3	1.7	-5.1
		-4.1	29.3	253	366	-16.3	80.1	13	2					
11TH	6.70									45.3	-418.6	13.0	1.5	-5.5
		-2.9	18.9	253	366	-11.5	51.7	14	2					
12TH	10.05									48.2	-437.5	11.5	1.4	-5.7
		-1.7	8.5	253	366	-6.6	23.3	14	3					
13TH	13.40									49.9	-446.0	10.0	1.2	-5.8
		-.4	-1.9	253	366	-1.8	-5.2	9	-2					
14TH	16.75									50.3	-444.1	8.6	1.1	-5.8
		.7	-12.0	253	366	2.8	-32.8	13	1					
15TH	20.10									49.6	-432.1	7.1	.9	-5.7
		1.7	-21.7	253	366	6.9	-59.2	12	1					
16TH	23.45									47.9	-410.5	5.7	.7	-5.4
		2.8	-31.3	253	366	11.0	-85.6	12	1					
17TH	26.80									45.1	-379.2	4.4	.6	-5.0
		3.8	-41.0	253	366	15.1	-112.0	12	1					
18TH	30.15									41.3	-338.2	3.2	.4	-4.5
		4.9	-50.6	253	366	19.2	-138.4	12	1					
19TH	33.50									36.4	-287.6	2.1	.3	-3.9
		6.0	-60.2	253	366	23.5	-164.7	12	1					
20TH	36.85									30.5	-227.3	1.2	.2	-3.1
		7.1	-69.8	253	366	27.9	-190.9	12	1					
21ST	40.20									23.4	-157.6	.6	.1	-2.3
		9.4	-64.8	253	322	37.1	-201.4	15	2					
22ND	43.55									14.0	-92.8	.2	.0	-1.3
		14.0	-92.8	289	367	48.4	-252.7	13	2					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 270 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									-28.0	-113.6	6.2	-1.2	-.3
10TH	3.35	2.1	26.2	253	366	8.1	71.8	-13	1	-30.1	-139.8	5.8	-1.1	.1
11TH	6.70	1.5	20.3	253	366	6.0	55.5	-15	1	-31.6	-160.1	5.3	-1.0	.4
12TH	10.05	1.0	14.3	253	366	3.8	39.2	-19	1	-32.6	-174.4	4.7	-.9	.6
13TH	13.40	.4	8.4	253	366	1.7	22.9	-29	1	-33.0	-182.8	4.1	-.7	.9
14TH	16.75	-.1	2.4	253	366	-.5	6.6	-86	-4	-32.9	-185.2	3.5	-.6	1.1
15TH	20.10	-.8	-3.2	253	366	-3.0	-8.8	48	-11	-32.1	-182.0	2.9	-.5	1.3
16TH	23.45	-1.5	-8.3	253	366	-5.9	-22.7	13	-2	-30.6	-173.7	2.3	-.4	1.4
17TH	26.80	-2.3	-13.4	253	366	-8.9	-36.6	4	-1	-28.3	-160.3	1.8	-.3	1.4
18TH	30.15	-3.0	-18.5	253	366	-11.9	-50.5	-0	0	-25.3	-141.8	1.3	-.2	1.4
19TH	33.50	-3.8	-23.5	253	366	-14.9	-64.4	-3	0	-21.6	-118.3	.8	-.2	1.4
20TH	36.85	-4.5	-28.0	253	366	-17.9	-76.7	-4	1	-17.0	-90.3	.5	-.1	1.2
21ST	40.20	-5.3	-32.4	253	366	-21.0	-88.6	-5	1	-11.7	-57.9	.2	-.0	1.1
22ND	43.55	-5.5	-23.0	253	322	-21.6	-71.6	-15	4	-6.2	-34.8	.1	-.0	.7
TOP	47.37	-6.2	-34.8	289	367	-21.5	-94.9	-19	3	0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 280 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	EDDEN (M) X	EDDEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									-339.5	-96.5	5.9	-7.8	3.8
10TH	3.35	-25.4	31.4	253	366	-100.1	86.0	19	15	-314.2	-128.0	5.5	-6.7	2.9
11TH	6.70	-25.4	23.8	253	366	-100.1	65.1	17	18	-288.8	-151.8	5.0	-5.7	2.0
12TH	10.05	-25.4	16.2	253	366	-100.2	44.3	13	21	-263.4	-168.0	4.5	-4.8	1.2
13TH	13.40	-25.4	8.6	253	366	-100.2	23.5	8	23	-238.0	-176.5	3.9	-3.9	.6
14TH	16.75	-25.4	1.0	253	366	-100.2	2.6	1	21	-212.6	-177.5	3.3	-3.2	.1
15TH	20.10	-25.2	-5.4	253	366	-99.3	-14.7	-3	16	-187.4	-172.1	2.7	-2.5	-.3
16TH	23.45	-24.6	-9.5	253	366	-97.2	-26.0	-4	11	-162.8	-162.6	2.2	-1.9	-.7
17TH	26.80	-24.1	-13.6	253	366	-95.0	-37.3	-3	6	-138.7	-149.0	1.6	-1.4	-.8
18TH	30.15	-23.5	-17.8	253	366	-92.9	-48.6	-2	2	-115.2	-131.2	1.2	-1.0	-.9
19TH	33.50	-23.0	-21.9	253	366	-90.8	-59.9	1	-1	-92.2	-109.3	.8	-.6	-.9
20TH	36.85	-22.5	-25.6	253	366	-88.8	-69.9	3	-3	-69.7	-83.8	.4	-.4	-.7
21ST	40.20	-22.0	-29.1	253	366	-86.9	-79.6	6	-4	-47.6	-54.6	.2	-.2	-.5
22ND	43.55	-22.2	-22.0	253	322	-87.5	-68.3	5	-5	-25.5	-32.7	.1	-.0	-.2
TOP	47.37	-25.5	-32.7	289	367	-88.1	-89.0	4	-3	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									-536.2	-435.5	16.1	-12.3	4.7
		-40.4	31.7	253	366	-159.3	86.6	15	20					
10TH	3.35									-495.8	-467.1	14.6	-10.6	3.5
		-40.2	19.1	253	366	-158.6	52.3	11	23					
11TH	6.70									-455.6	-486.3	13.0	-9.0	2.3
		-40.1	6.6	253	366	-158.0	18.0	4	24					
12TH	10.05									-415.6	-492.9	11.3	-7.6	1.3
		-39.9	-5.9	253	366	-157.4	-16.3	-3	21					
13TH	13.40									-375.7	-486.9	9.7	-6.2	.5
		-39.7	-18.5	253	366	-156.8	-50.5	-7	15					
14TH	16.75									-335.9	-468.4	8.1	-5.0	-.2
		-39.4	-28.9	253	366	-155.3	-78.9	-7	9					
15TH	20.10									-296.6	-439.6	6.6	-4.0	-.8
		-38.6	-35.4	253	366	-152.3	-96.9	-5	6					
16TH	23.45									-258.0	-404.1	5.2	-3.0	-1.2
		-37.8	-42.0	253	366	-149.3	-115.0	-3	3					
17TH	26.80									-220.1	-362.1	3.9	-2.2	-1.5
		-37.1	-48.6	253	366	-146.3	-133.0	-1	1					
18TH	30.15									-183.1	-313.4	2.8	-1.6	-1.6
		-36.3	-55.2	253	366	-143.3	-151.0	1	-0					
19TH	33.50									-146.8	-258.2	1.8	-1.0	-1.5
		-35.7	-60.6	253	366	-140.9	-165.7	2	-1					
20TH	36.85									-111.0	-197.6	1.0	-.6	-1.3
		-35.2	-65.7	253	366	-138.7	-179.6	4	-2					
21ST	40.20									-75.9	-132.0	.5	-.3	-1.0
		-35.4	-58.0	253	322	-139.6	-180.3	5	-3					
22ND	43.55									-40.5	-73.9	.1	-.1	-.6
		-40.5	-73.9	289	367	-140.1	-201.5	6	-3					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 300 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									-801.5	-314.4	12.9	-18.8	7.9
10TH	3.35	-58.2	35.4	253	366	-229.6	96.9	6	10	-743.4	-349.9	11.8	-16.2	7.1
11TH	6.70	-58.1	24.0	253	366	-229.3	65.6	5	11	-685.2	-373.9	10.5	-13.8	6.4
12TH	10.05	-58.1	12.5	253	366	-229.1	34.2	3	12	-627.2	-386.4	9.3	-11.6	5.7
13TH	13.40	-58.0	1.0	253	366	-228.9	2.9	0	12	-569.1	-387.4	8.0	-9.6	5.0
14TH	16.75	-58.0	-10.4	253	366	-228.7	-28.5	-2	11	-511.2	-377.0	6.7	-7.8	4.3
15TH	20.10	-57.7	-20.0	253	366	-227.6	-54.6	-3	9	-453.5	-357.0	5.5	-6.1	3.7
16TH	23.45	-57.1	-26.2	253	366	-225.4	-71.6	-4	8	-396.4	-330.8	4.3	-4.7	3.2
17TH	26.80	-56.6	-32.4	253	366	-223.2	-88.7	-4	7	-339.8	-298.4	3.3	-3.5	2.7
18TH	30.15	-56.0	-38.6	253	366	-221.0	-105.7	-4	6	-283.8	-259.8	2.3	-2.4	2.2
19TH	33.50	-55.5	-44.9	253	366	-218.8	-122.7	-4	4	-228.3	-214.9	1.5	-1.6	1.8
20TH	36.85	-55.1	-49.0	253	366	-217.3	-134.0	-3	4	-173.2	-165.9	.9	-.9	1.4
21ST	40.20	-54.8	-52.7	253	366	-216.0	-144.0	-3	3	-118.5	-113.2	.4	-.4	1.1
22ND	43.55	-55.2	-49.6	253	322	-217.7	-154.0	-4	4	-63.3	-63.7	.1	-.1	.7
TOP	47.37	-63.3	-63.7	289	367	-219.0	-173.5	-5	5	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 310 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									-1367.0	96.6	1.2	-31.1	23.6
10TH	3.35	-103.5	48.8	253	366	-408.4	133.4	7	14	-1263.5	47.8	1.4	-26.7	21.9
11TH	6.70	-102.7	39.3	253	366	-405.1	107.5	6	15	-1160.8	8.5	1.5	-22.7	20.1
12TH	10.05	-101.8	29.8	253	366	-401.7	81.5	5	16	-1059.0	-21.3	1.5	-18.9	18.4
13TH	13.40	-101.0	20.3	253	366	-398.4	55.6	3	16	-958.1	-41.6	1.4	-15.6	16.7
14TH	16.75	-100.1	10.9	253	366	-395.0	29.7	2	17	-858.0	-52.5	1.2	-12.5	15.0
15TH	20.10	-99.5	3.8	253	366	-392.4	10.3	1	17	-758.5	-56.3	1.0	-9.8	13.3
16TH	23.45	-99.3	.9	253	366	-391.7	2.5	0	17	-659.2	-57.2	.9	-7.4	11.6
17TH	26.80	-99.1	-1.9	253	366	-391.1	-5.3	-0	17	-560.1	-55.3	.7	-5.4	9.9
18TH	30.15	-99.0	-4.8	253	366	-390.4	-13.1	-1	17	-461.1	-50.5	.5	-3.7	8.2
19TH	33.50	-98.8	-7.6	253	366	-389.8	-20.9	-1	17	-362.4	-42.8	.3	-2.3	6.5
20TH	36.85	-99.1	-8.8	253	366	-391.0	-24.0	-2	18	-263.3	-34.0	.2	-1.3	4.7
21ST	40.20	-99.5	-9.5	253	366	-392.5	-26.1	-2	18	-163.8	-24.5	.1	-.6	2.9
22ND	43.55	-86.6	-6.4	253	322	-341.6	-19.8	-1	17	-77.2	-18.2	0	-.1	1.4
TOP	47.37	-77.2	-18.2	289	367	-267.1	-49.5	-4	17	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 320 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
9TH	0.00									-2719.1	1313.8	-25.0	-62.2	90.1
		-201.8	153.3	253	366	-796.2	419.2	18	24					
10TH	3.35									-2517.3	1160.5	-20.9	-53.5	82.6
		-200.9	141.7	253	366	-792.8	387.5	17	25					
11TH	6.70									-2316.4	1018.9	-17.2	-45.4	75.2
		-200.1	130.1	253	366	-789.5	355.8	16	25					
12TH	10.05									-2116.3	888.8	-14.0	-37.9	68.0
		-199.2	118.5	253	366	-786.1	324.2	16	26					
13TH	13.40									-1917.1	770.2	-11.2	-31.2	60.9
		-198.4	106.9	253	366	-782.7	292.5	15	27					
14TH	16.75									-1718.7	663.3	-8.8	-25.1	54.0
		-197.9	97.3	253	366	-780.8	266.0	14	28					
15TH	20.10									-1520.8	566.0	-6.8	-19.7	47.3
		-198.1	91.0	253	366	-781.8	248.7	13	28					
16TH	23.45									-1322.7	475.1	-5.0	-14.9	40.6
		-198.4	84.6	253	366	-782.8	231.5	12	28					
17TH	26.80									-1124.3	390.4	-3.6	-10.8	34.1
		-198.7	78.3	253	366	-783.8	214.2	11	28					
18TH	30.15									-925.6	312.1	-2.4	-7.4	27.7
		-198.9	72.0	253	366	-784.8	196.9	10	28					
19TH	33.50									-726.7	240.1	-1.5	-4.6	21.5
		-200.6	67.5	253	366	-791.4	184.7	9	28					
20TH	36.85									-526.1	172.6	-.8	-2.5	15.3
		-202.5	63.5	253	366	-799.1	173.8	9	27					
21ST	40.20									-323.6	109.1	-.3	-1.1	9.2
		-173.8	73.3	253	322	-685.7	227.7	10	25					
22ND	43.55									-149.8	35.8	-.1	-.3	4.2
		-149.8	35.8	289	367	-518.3	97.5	6	26					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 330 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
9TH	0.00									-3625.1	1589.6	-30.9	-82.5	126.6
		-270.6	176.3	253	366	-1067.8	482.0	17	26					
10TH	3.35									-3354.5	1413.4	-25.9	-70.8	116.7
		-269.7	164.1	253	366	-1064.3	448.8	16	27					
11TH	6.70									-3084.7	1249.3	-21.4	-60.0	106.8
		-268.9	152.0	253	366	-1060.8	415.6	16	28					
12TH	10.05									-2815.9	1097.3	-17.5	-50.1	97.1
		-268.0	139.8	253	366	-1057.3	382.4	15	28					
13TH	13.40									-2547.9	957.5	-14.1	-41.1	87.4
		-267.1	127.7	253	366	-1053.8	349.1	14	29					
14TH	16.75									-2280.8	829.8	-11.1	-33.1	77.8
		-266.3	117.7	253	366	-1050.8	321.9	13	30					
15TH	20.10									-2014.5	712.1	-8.5	-25.9	68.3
		-266.0	111.6	253	366	-1049.4	305.3	13	30					
16TH	23.45									-1748.5	600.5	-6.3	-19.6	58.9
		-265.6	105.6	253	366	-1048.0	288.7	12	30					
17TH	26.80									-1482.9	494.9	-4.4	-14.1	49.7
		-265.3	99.5	253	366	-1046.6	272.1	11	30					
18TH	30.15									-1217.6	395.4	-3.0	-9.6	40.5
		-264.9	93.4	253	366	-1045.2	255.5	11	30					
19TH	33.50									-952.7	301.9	-1.8	-6.0	31.5
		-266.2	88.4	253	366	-1050.4	241.7	10	30					
20TH	36.85									-686.5	213.6	-.9	-3.2	22.5
		-267.9	83.6	253	366	-1056.9	228.7	9	30					
21ST	40.20									-418.6	130.0	-.3	-1.4	13.7
		-227.1	94.1	253	322	-895.9	292.3	12	28					
22ND	43.55									-191.6	35.9	-.1	-.4	6.2
		-191.6	35.9	289	367	-662.8	97.9	6	31					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									-4375.3	1409.6	-29.0	-98.2	147.2
10TH	3.35	-334.4	141.0	253	366	-1319.4	385.6	12	29	-4040.9	1268.6	-24.5	-84.1	135.6
11TH	6.70	-332.6	132.9	253	366	-1312.2	363.3	12	30	-3708.3	1135.8	-20.4	-71.1	124.2
12TH	10.05	-330.7	124.7	253	366	-1305.0	341.1	11	30	-3377.5	1011.0	-16.9	-59.2	112.9
13TH	13.40	-328.9	116.6	253	366	-1297.7	318.9	11	30	-3048.6	894.4	-13.7	-48.5	101.6
14TH	16.75	-327.1	108.5	253	366	-1290.5	296.7	10	31	-2721.6	786.0	-10.8	-38.8	90.5
15TH	20.10	-325.4	102.1	253	366	-1283.7	279.2	10	31	-2396.2	683.8	-8.4	-30.2	79.4
16TH	23.45	-324.0	98.8	253	366	-1278.5	270.3	9	31	-2072.2	585.0	-6.3	-22.8	68.5
17TH	26.80	-322.7	95.6	253	366	-1273.2	261.3	9	31	-1749.5	489.5	-4.5	-16.4	57.7
18TH	30.15	-321.4	92.3	253	366	-1268.0	252.4	9	31	-1428.1	397.2	-3.0	-11.0	47.0
19TH	33.50	-320.1	89.0	253	366	-1262.8	243.4	9	31	-1108.0	308.2	-1.8	-6.8	36.4
20TH	36.85	-320.4	89.2	253	366	-1264.0	243.9	8	30	-787.7	219.0	-.9	-3.6	25.9
21ST	40.20	-321.0	90.2	253	366	-1266.5	246.8	8	30	-466.7	128.7	-.3	-1.5	15.5
22ND	43.55	-262.4	98.2	253	322	-1035.2	305.0	11	29	-204.3	30.6	-.1	-.4	6.9
TOP	47.37	-204.3	30.6	289	367	-707.0	83.3	5	33	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
WIND DIRECTION 350 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									-4658.2	1643.6	-34.7	-103.9	158.3
10TH	3.35	-362.1	157.8	253	366	-1428.8	431.4	13	31	-4296.1	1485.8	-29.4	-88.9	145.2
11TH	6.70	-358.7	149.6	253	366	-1415.2	409.1	13	31	-3937.4	1336.2	-24.7	-75.1	132.3
12TH	10.05	-355.2	141.4	253	366	-1401.5	386.8	12	31	-3582.2	1194.8	-20.5	-62.5	119.6
13TH	13.40	-351.8	133.3	253	366	-1387.9	364.5	12	31	-3230.4	1061.5	-16.7	-51.1	107.2
14TH	16.75	-348.3	125.1	253	366	-1374.3	342.2	11	31	-2882.1	936.4	-13.3	-40.9	95.1
15TH	20.10	-345.8	118.4	253	366	-1364.5	323.8	11	31	-2536.3	818.0	-10.4	-31.8	83.1
16TH	23.45	-344.8	114.2	253	366	-1360.4	312.3	10	31	-2191.5	703.8	-7.8	-23.9	71.4
17TH	26.80	-343.8	110.0	253	366	-1356.3	300.9	10	30	-1847.7	593.7	-5.7	-17.1	59.8
18TH	30.15	-342.7	105.8	253	366	-1352.3	289.4	9	30	-1505.0	487.9	-3.9	-11.5	48.5
19TH	33.50	-341.7	101.6	253	366	-1348.2	277.9	9	30	-1163.3	386.3	-2.4	-7.0	37.3
20TH	36.85	-342.4	103.3	253	366	-1350.8	282.5	9	29	-821.0	283.0	-1.3	-3.7	26.4
21ST	40.20	-343.4	106.4	253	366	-1354.7	291.1	9	29	-477.6	176.6	-.5	-1.5	15.5
22ND	43.55	-274.9	118.0	253	322	-1084.6	366.7	12	27	-202.7	58.6	-.1	-.4	6.7
TOP	47.37	-202.7	58.6	289	367	-701.4	159.6	9	31	0.0	0.0	0.0	0.0	0.0

TABLE 7. TAIKOO SHING CITYPLAZA (WEST TOWER), HONG KONG
PROJECT 5040 CONFIGURATION A
SCALE = 250 REF. PRESSURE = 2170
GUST FACTOR = 1.32 STANDARD FLOOR HEIGHT = 3.35
NUMBER OF SIDES = 12 NO. OF FLOORS = 14

SIDE	ANGLE	Z-AXIS (CM)
1	0.0	-8.113
2	45.0	6.337
3	90.0	19.571
4	135.0	21.173
5	90.0	8.166
6	45.0	-11.778
7	90.0	-14.811
8	135.0	-3.137
9	180.0	12.870
10	225.0	21.173
11	270.0	5.232
12	315.0	2.304

FLOOR #	LABEL	HEIGHT (M)
1	9TH	3.35
2	10TH	3.35
3	11TH	3.35
4	12TH	3.35
5	13TH	3.35
6	14TH	3.35
7	15TH	3.35
8	16TH	3.35
9	17TH	3.35
10	18TH	3.35
11	19TH	3.35
12	20TH	3.35
13	21ST	3.35
14	22ND	3.80

TABLE 7. BASE SHEAR AND MOMENT SUMMARY : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
CONFIGURATION A REFERENCE PRESSURE 2170 GUST FACTOR 1.32

AZIMUTH	SHEAR (KN)		MOMENT (MN-M)			ECCEN (M)	
	X	Y	X	Y	Z	X	Y
0	-4442	-1789	45.3	-97.5	-166.0	13	-32
10	-4417	-980	23.6	-96.0	-156.5	7	-34
20	-4170	-61	.5	-92.7	-139.1	0	-33
30	-3727	129	-6.3	-85.4	-116.0	-1	-31
40	-2767	313	-11.4	-63.2	-76.9	-3	-27
50	-1767	753	-22.4	-41.8	-29.4	-6	-14
60	-1101	726	-22.5	-26.2	-11.8	-5	-7
70	-732	604	-19.1	-18.0	-5.2	-3	-4
80	-326	385	-11.1	-7.9	2.2	3	3
90	-71	67	-4.1	-1.5	4.4	31	33
100	4	-19	-1.7	2.1	4.9	-246	-538
110	53	-87	-.6	2.1	5.4	-46	-28
120	213	1	-2.4	5.6	8.5	0	-40
130	442	140	-6.8	9.6	12.7	8	-26
140	618	153	-7.8	12.4	15.4	6	-23
150	1099	-189	-2.1	25.9	31.5	-5	-28
160	1450	50	2.0	35.0	48.9	1	-34
170	1517	-77	4.3	37.9	50.5	-2	-33
180	1763	-223	9.6	42.9	62.1	-4	-35
190	1740	-148	9.0	41.9	61.0	-3	-35
200	1447	-186	8.8	34.2	44.4	-4	-30
210	926	-299	10.8	22.1	37.4	-12	-37
220	787	-431	13.3	19.3	33.8	-18	-33
230	710	-477	14.0	18.0	33.7	-22	-36
240	768	-392	13.0	19.3	34.5	-18	-36
250	309	61	1.9	7.7	15.0	9	-47
260	102	229	-2.7	2.7	-2.1	-8	3
270	28	115	-.2	.4	-5.7	-47	11
280	-571	-361	13.4	-16.1	-32.7	26	-41
290	-1098	-480	16.7	-28.6	-52.6	18	-40
300	-1703	-1054	29.7	-39.7	-82.6	22	-35
310	-2820	-2120	55.7	-64.7	-125.5	21	-28
320	-3752	-2790	71.6	-84.6	-153.3	20	-26
330	-4198	-2909	74.6	-94.0	-170.8	19	-27
340	-4494	-2628	67.6	-99.5	-185.5	18	-31
350	-4393	-2140	54.4	-96.7	-175.2	16	-32

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									-4442.0	-1788.5	45.3	-97.5	-166.0
		-356.0	-106.6											
10TH	3.35			253	366	-1404.7	-291.4	11	-37	-4086.0	-1682.0	39.5	-83.2	-151.6
		-351.8	-108.4											
11TH	6.70			253	366	-1388.0	-296.4	11	-36	-3734.2	-1573.6	34.0	-70.1	-137.6
		-347.6	-110.2											
12TH	10.05			253	366	-1371.3	-301.3	11	-36	-3386.7	-1463.4	28.9	-58.2	-123.8
		-343.3	-112.0											
13TH	13.40			253	366	-1354.6	-306.2	12	-35	-3043.4	-1351.5	24.2	-47.4	-110.4
		-339.1	-113.8											
14TH	16.75			253	366	-1337.8	-311.2	12	-35	-2704.3	-1237.7	19.9	-37.8	-97.2
		-335.0	-116.5											
15TH	20.10			253	366	-1321.7	-318.6	12	-34	-2369.3	-1121.2	15.9	-29.3	-84.4
		-331.5	-120.8											
16TH	23.45			253	366	-1307.8	-330.5	12	-33	-2037.8	-1000.3	12.4	-21.9	-71.9
		-327.9	-125.2											
17TH	26.80			253	366	-1293.9	-342.3	12	-32	-1709.9	-875.2	9.2	-15.6	-59.8
		-324.4	-129.5											
18TH	30.15			253	366	-1280.0	-354.2	12	-31	-1385.5	-745.6	6.5	-10.5	-48.1
		-320.9	-133.8											
19TH	33.50			253	366	-1266.1	-366.1	13	-30	-1064.6	-611.8	4.2	-6.4	-36.7
		-318.9	-139.8											
20TH	36.85			253	366	-1258.2	-382.4	13	-29	-745.7	-472.0	2.4	-3.3	-25.7
		-317.2	-146.2											
21ST	40.20			253	366	-1251.4	-400.0	13	-28	-428.5	-325.8	1.1	-1.4	-15.0
		-250.4	-175.7											
22ND	43.55			253	322	-988.1	-545.9	16	-23	-178.1	-150.1	.3	-.3	-6.4
		-178.1	-150.1											
TOP	47.37			289	367	-616.2	-408.9	18	-21	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 10 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
9TH	0.00									-4416.8	-979.7	23.6	-96.0	-156.5
		-364.3	-73.9	253	366	-1437.5	-202.1	7	-36					
10TH	3.35									-4052.5	-905.8	20.4	-81.8	-142.9
		-357.9	-71.9	253	366	-1412.1	-196.5	7	-36					
11TH	6.70									-3694.6	-834.0	17.5	-68.8	-129.5
		-351.5	-69.8	253	366	-1386.7	-191.0	7	-36					
12TH	10.05									-3343.1	-764.1	14.8	-57.0	-116.5
		-345.0	-67.8	253	366	-1361.4	-185.4	7	-35					
13TH	13.40									-2998.1	-696.3	12.4	-46.4	-103.9
		-338.6	-65.8	253	366	-1336.0	-179.9	7	-35					
14TH	16.75									-2659.5	-630.6	10.2	-36.9	-91.6
		-333.1	-64.2	253	366	-1314.4	-175.7	7	-35					
15TH	20.10									-2326.3	-566.3	8.2	-28.6	-79.7
		-328.9	-63.6	253	366	-1297.9	-174.0	7	-34					
16TH	23.45									-1997.4	-502.7	6.4	-21.3	-68.0
		-324.7	-63.0	253	366	-1281.3	-172.3	7	-34					
17TH	26.80									-1672.6	-439.7	4.8	-15.2	-56.6
		-320.6	-62.4	253	366	-1264.8	-170.6	6	-33					
18TH	30.15									-1352.1	-377.3	3.4	-10.1	-45.6
		-316.4	-61.7	253	366	-1248.2	-168.9	6	-33					
19TH	33.50									-1035.7	-315.6	2.3	-6.1	-34.8
		-313.7	-64.7	253	366	-1237.8	-176.9	7	-32					
20TH	36.85									-722.0	-250.9	1.3	-3.2	-24.4
		-311.4	-68.5	253	366	-1228.8	-187.4	7	-31					
21ST	40.20									-410.6	-182.4	.6	-1.3	-14.2
		-243.0	-106.0	253	322	-958.7	-329.5	12	-28					
22ND	43.55									-167.6	-76.3	.1	-.3	-6.0
		-167.6	-76.3	289	367	-579.8	-208.0	13	-30					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 20 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
9TH	0.00									-4169.5	-60.8	.5	-92.7	-139.1
		-327.9	-23.0	253	366	-1293.6	-63.0	2	-35					
10TH	3.35									-3841.7	-37.7	.4	-79.2	-127.6
		-323.9	-18.1	253	366	-1278.0	-49.5	2	-35					
11TH	6.70									-3517.8	-19.6	.3	-66.9	-116.3
		-320.0	-13.2	253	366	-1262.4	-36.0	1	-35					
12TH	10.05									-3197.8	-6.5	.2	-55.7	-105.2
		-316.0	-8.2	253	366	-1246.9	-22.5	1	-34					
13TH	13.40									-2881.8	1.8	.2	-45.5	-94.4
		-312.1	-3.3	253	366	-1231.3	-9.0	0	-34					
14TH	16.75									-2569.7	5.1	.2	-36.4	-83.7
		-309.2	.4	253	366	-1220.1	1.2	-0	-34					
15TH	20.10									-2260.5	4.6	.3	-28.3	-73.2
		-308.2	2.1	253	366	-1216.2	5.8	-0	-34					
16TH	23.45									-1952.2	2.5	.3	-21.2	-62.8
		-307.3	3.8	253	366	-1212.3	10.3	-0	-33					
17TH	26.80									-1645.0	-1.2	.3	-15.2	-52.6
		-306.3	5.4	253	366	-1208.4	14.8	-1	-33					
18TH	30.15									-1338.7	-6.6	.3	-10.2	-42.6
		-305.3	7.1	253	366	-1204.5	19.3	-1	-32					
19TH	33.50									-1033.4	-13.7	.2	-6.2	-32.7
		-305.7	9.8	253	366	-1206.2	26.8	-1	-32					
20TH	36.85									-727.7	-23.5	.2	-3.3	-22.9
		-306.4	12.7	253	366	-1209.1	34.7	-1	-31					
21ST	40.20									-421.3	-36.2	.1	-1.3	-13.3
		-244.2	-34.8	253	322	-963.5	-108.2	4	-31					
22ND	43.55									-177.1	-1.4	.0	-.3	-5.6
		-177.1	-1.4	289	367	-612.7	-3.7	0	-32					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 30 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									-3727.1	129.3	-6.3	-85.4	-116.0
		-271.2	-33.7	253	366	-1070.1	-92.2	4	-33					
10TH	3.35									-3455.9	163.0	-5.8	-73.4	-106.8
		-271.4	-24.4	253	366	-1070.9	-66.7	3	-33					
11TH	6.70									-3184.5	187.4	-5.2	-62.2	-97.7
		-271.6	-15.1	253	366	-1071.6	-41.2	2	-33					
12TH	10.05									-2912.9	202.5	-4.5	-52.0	-88.8
		-271.8	-5.7	253	366	-1072.4	-15.7	1	-33					
13TH	13.40									-2641.1	208.2	-3.8	-42.7	-79.9
		-272.0	3.6	253	366	-1073.1	9.8	-0	-32					
14TH	16.75									-2369.1	204.6	-3.1	-34.3	-71.1
		-272.6	11.4	253	366	-1075.6	31.2	-1	-32					
15TH	20.10									-2096.5	193.2	-2.5	-26.9	-62.4
		-274.0	16.6	253	366	-1081.2	45.3	-2	-31					
16TH	23.45									-1822.4	176.7	-1.9	-20.3	-53.8
		-275.5	21.7	253	366	-1086.9	59.4	-2	-31					
17TH	26.80									-1546.9	154.9	-1.3	-14.7	-45.2
		-276.9	26.9	253	366	-1092.5	73.6	-3	-30					
18TH	30.15									-1270.0	128.0	-.8	-9.9	-36.8
		-278.3	32.1	253	366	-1098.2	87.7	-3	-30					
19TH	33.50									-991.7	96.0	-.5	-6.1	-28.4
		-281.3	38.9	253	366	-1109.9	106.3	-4	-29					
20TH	36.85									-710.4	57.1	-.2	-3.3	-20.0
		-284.6	45.9	253	366	-1123.0	125.7	-5	-28					
21ST	40.20									-425.8	11.2	-.1	-1.4	-11.8
		-236.4	-7.0	253	322	-932.6	-21.6	1	-28					
22ND	43.55									-189.4	18.1	-.0	-.4	-5.1
		-189.4	18.1	289	367	-655.3	49.3	-3	-26					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 40 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
9TH	0.00									-2767.2	313.4	-11.1	-63.2	-76.9
		-207.7	-27.5	253	366	-819.7	-75.2	4	-31					
10TH	3.35									-2559.5	340.9	-10.0	-54.3	-70.4
		-206.2	-16.8	253	366	-813.5	-46.0	2	-30					
11TH	6.70									-2353.3	357.7	-8.8	-46.1	-64.1
		-204.6	-6.2	253	366	-807.3	-16.8	1	-30					
12TH	10.05									-2148.7	363.8	-7.6	-38.5	-57.9
		-203.1	4.5	253	366	-801.2	12.3	-1	-30					
13TH	13.40									-1945.6	359.3	-6.4	-31.7	-51.9
		-201.5	15.2	253	366	-795.0	41.5	-2	-29					
14TH	16.75									-1744.1	344.2	-5.2	-25.5	-46.1
		-200.6	24.4	253	366	-791.4	66.6	-3	-28					
15TH	20.10									-1543.5	319.8	-4.1	-20.0	-40.3
		-200.8	30.9	253	366	-792.3	84.6	-4	-27					
16TH	23.45									-1342.7	288.9	-3.1	-15.2	-34.7
		-201.0	37.5	253	366	-793.1	102.6	-5	-27					
17TH	26.80									-1141.7	251.4	-2.2	-11.0	-29.2
		-201.2	44.1	253	366	-794.0	120.6	-6	-26					
18TH	30.15									-940.5	207.3	-1.4	-7.5	-23.7
		-201.5	50.7	253	366	-794.8	138.6	-6	-25					
19TH	33.50									-739.0	156.6	-.8	-4.7	-18.4
		-202.9	57.5	253	366	-800.4	157.2	-7	-24					
20TH	36.85									-536.2	99.1	-.4	-2.6	-13.2
		-204.5	64.3	253	366	-806.9	175.8	-7	-23					
21ST	40.20									-331.7	34.8	-.1	-1.1	-8.0
		-176.6	11.1	253	322	-696.8	34.4	-2	-25					
22ND	43.55									-155.1	23.7	-.0	-.3	-3.6
		-155.1	23.7	289	367	-536.5	64.7	-4	-23					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 50 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									-1766.6	753.2	-22.4	-41.8	-29.4
10TH	3.35	-122.8	-5.9	253	366	-484.5	-16.1	1	-18	-1643.8	759.1	-19.9	-36.1	-27.2
11TH	6.70	-123.0	7.1	253	366	-485.2	19.3	-1	-17	-1520.8	752.1	-17.3	-30.8	-25.1
12TH	10.05	-123.2	20.0	253	366	-485.9	54.7	-3	-17	-1397.7	732.1	-14.8	-25.9	-22.9
13TH	13.40	-123.3	33.0	253	366	-486.6	90.1	-4	-16	-1274.3	699.1	-12.4	-21.4	-20.8
14TH	16.75	-123.5	45.9	253	366	-487.3	125.6	-5	-15	-1150.8	653.2	-10.2	-17.4	-18.8
15TH	20.10	-124.2	56.5	253	366	-490.2	154.5	-6	-14	-1026.6	596.7	-8.1	-13.7	-16.7
16TH	23.45	-125.9	62.9	253	366	-496.9	171.9	-7	-13	-900.6	533.9	-6.2	-10.5	-14.6
17TH	26.80	-127.7	69.2	253	366	-503.7	189.3	-7	-13	-773.0	464.6	-4.5	-7.7	-12.5
18TH	30.15	-129.4	75.6	253	366	-510.4	206.8	-7	-12	-643.6	389.0	-3.1	-5.3	-10.4
19TH	33.50	-131.1	82.0	253	366	-517.1	224.2	-7	-12	-512.6	307.0	-1.9	-3.4	-8.2
20TH	36.85	-133.6	87.4	253	366	-527.3	239.0	-8	-12	-378.9	219.6	-1.0	-1.9	-6.0
21ST	40.20	-136.4	92.5	253	366	-538.2	253.0	-8	-11	-242.5	127.2	-.5	-.8	-3.7
22ND	43.55	-123.8	60.3	253	322	-488.6	187.3	-6	-13	-118.7	66.9	-.1	-.2	-1.7
TOP	47.37	-118.7	66.9	289	367	-410.6	182.2	-6	-11	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									-1101.2	725.9	-22.5	-26.2	-11.8
		-78.4	-8.9	253	366	-309.4	-24.3	2	-16					
10TH	3.35									-1022.8	734.7	-20.1	-22.6	-10.6
		-77.8	3.4	253	366	-307.0	9.2	-1	-15					
11TH	6.70									-945.0	731.4	-17.6	-19.3	-9.4
		-77.2	15.6	253	366	-304.6	42.6	-3	-14					
12TH	10.05									-867.8	715.8	-15.2	-16.3	-8.3
		-76.6	27.8	253	366	-302.1	76.0	-4	-12					
13TH	13.40									-791.2	688.0	-12.8	-13.5	-7.3
		-76.0	40.0	253	366	-299.7	109.4	-5	-10					
14TH	16.75									-715.3	648.0	-10.6	-11.0	-6.3
		-76.0	50.3	253	366	-299.7	137.5	-5	-8					
15TH	20.10									-639.3	597.8	-8.5	-8.7	-5.4
		-76.8	57.1	253	366	-303.1	156.3	-5	-7					
16TH	23.45									-562.5	540.6	-6.6	-6.7	-4.6
		-77.7	64.0	253	366	-306.5	175.0	-5	-6					
17TH	26.80									-484.8	476.6	-4.9	-4.9	-3.8
		-78.5	70.8	253	366	-309.9	193.8	-5	-5					
18TH	30.15									-406.3	405.8	-3.4	-3.5	-3.0
		-79.4	77.7	253	366	-313.3	212.5	-5	-5					
19TH	33.50									-326.9	328.1	-2.2	-2.2	-2.2
		-80.6	83.2	253	366	-318.1	227.4	-5	-4					
20TH	36.85									-246.2	244.9	-1.2	-1.3	-1.5
		-81.9	88.2	253	366	-323.3	241.4	-4	-4					
21ST	40.20									-164.3	156.7	-.6	-.6	-.8
		-79.3	70.3	253	322	-313.0	218.5	-3	-4					
22ND	43.55									-84.9	86.3	-.2	-.2	-.3
		-84.9	86.3	289	367	-293.9	235.3	-2	-2					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 70 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									-731.6	603.6	-19.1	-18.0	-5.2
10TH	3.35	-45.7	-14.0	253	366	-180.3	-38.4	4	-13	-685.9	617.6	-17.1	-15.6	-4.6
11TH	6.70	-46.7	-1.8	253	366	-184.3	-5.0	1	-13	-639.2	619.4	-15.0	-13.4	-4.0
12TH	10.05	-47.7	10.4	253	366	-188.2	28.4	-2	-11	-591.4	609.1	-13.0	-11.3	-3.4
13TH	13.40	-48.7	22.6	253	366	-192.2	61.7	-4	-9	-542.7	586.5	-10.9	-9.4	-2.9
14TH	16.75	-49.7	34.8	253	366	-196.1	95.1	-4	-6	-493.0	551.7	-9.0	-7.7	-2.4
15TH	20.10	-50.7	44.4	253	366	-200.1	121.5	-4	-5	-442.3	507.3	-7.3	-6.1	-2.0
16TH	23.45	-51.6	49.6	253	366	-203.5	135.6	-4	-4	-390.7	457.7	-5.7	-4.7	-1.6
17TH	26.80	-52.4	54.7	253	366	-206.8	149.7	-3	-3	-338.3	403.0	-4.2	-3.5	-1.2
18TH	30.15	-53.3	59.9	253	366	-210.1	163.9	-3	-3	-285.1	343.1	-3.0	-2.5	-.9
19TH	33.50	-54.1	65.1	253	366	-213.4	178.0	-2	-2	-231.0	278.0	-1.9	-1.6	-.7
20TH	36.85	-55.3	68.2	253	366	-218.0	186.4	-2	-2	-175.7	209.8	-1.1	-.9	-.4
21ST	40.20	-56.5	70.7	253	366	-222.8	193.5	-2	-1	-119.2	139.1	-.5	-.4	-.2
22ND	43.55	-56.4	59.4	253	322	-222.4	184.7	-1	-1	-62.9	79.6	-.2	-.1	-.1
TOP	47.37	-62.9	79.6	289	367	-217.5	217.0	-1	-1	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS , TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 80 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
9TH	0.00									-325.6	384.8	-11.1	-7.9	2.2
		-21.9	2.4	253	366	-86.3	6.7	-0	-3					
10TH	3.35									-303.7	382.3	-9.8	-6.9	2.2
		-21.9	7.8	253	366	-86.3	21.4	-0	-1					
11TH	6.70									-281.9	374.5	-8.6	-5.9	2.3
		-21.8	13.2	253	366	-86.2	36.2	1	1					
12TH	10.05									-260.0	361.2	-7.3	-5.0	2.2
		-21.8	18.6	253	366	-86.1	50.9	2	2					
13TH	13.40									-238.2	342.6	-6.2	-4.2	2.2
		-21.8	24.0	253	366	-86.0	65.7	3	3					
14TH	16.75									-216.4	318.6	-5.0	-3.4	2.0
		-22.0	28.3	253	366	-86.8	77.5	4	3					
15TH	20.10									-194.4	290.3	-4.0	-2.7	1.9
		-22.4	30.8	253	366	-88.6	84.2	4	3					
16TH	23.45									-171.9	259.5	-3.1	-2.1	1.7
		-22.9	33.3	253	366	-90.3	90.9	4	3					
17TH	26.80									-149.1	226.2	-2.3	-1.5	1.5
		-23.3	35.7	253	366	-92.0	97.7	4	3					
18TH	30.15									-125.7	190.5	-1.6	-1.1	1.3
		-23.8	38.2	253	366	-93.7	104.4	5	3					
19TH	33.50									-102.0	152.3	-1.0	-.7	1.0
		-24.3	40.0	253	366	-95.9	109.4	5	3					
20TH	36.85									-77.7	112.3	-.6	-.4	.8
		-24.9	41.7	253	366	-98.1	113.9	5	3					
21ST	40.20									-52.8	70.7	-.3	-.2	.5
		-24.9	28.4	253	322	-98.3	88.2	5	4					
22ND	43.55									-27.9	42.3	-.1	-.1	.3
		-27.9	42.3	289	367	-96.6	115.3	4	3					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									-71.0	67.0	-4.1	-1.5	4.4
10TH	3.35	-7.2	-20.7	253	366	-28.4	-56.7	-5	2	-63.8	87.7	-3.9	-1.3	4.3
11TH	6.70	-6.5	-16.3	253	366	-25.5	-44.5	-8	3	-57.4	104.0	-3.5	-1.1	4.1
12TH	10.05	-5.7	-11.8	253	366	-22.6	-32.3	-14	7	-51.6	115.8	-3.2	-.9	3.9
13TH	13.40	-5.0	-7.3	253	366	-19.7	-20.1	-23	16	-46.7	123.1	-2.8	-.7	3.7
14TH	16.75	-4.3	-2.9	253	366	-16.8	-7.9	-32	48	-42.4	126.0	-2.4	-.6	3.4
15TH	20.10	-4.1	1.4	253	366	-16.1	3.9	25	70	-38.3	124.6	-1.9	-.5	3.1
16TH	23.45	-4.5	5.5	253	366	-17.9	14.9	36	29	-33.8	119.1	-1.5	-.3	2.7
17TH	26.80	-5.0	9.5	253	366	-19.6	26.0	27	14	-28.8	109.6	-1.1	-.2	2.4
18TH	30.15	-5.4	13.5	253	366	-21.4	37.0	21	9	-23.4	96.1	-.8	-.1	2.1
19TH	33.50	-5.9	17.6	253	366	-23.1	48.1	17	6	-17.5	78.5	-.5	-.1	1.7
20TH	36.85	-6.4	21.1	253	366	-25.2	57.8	15	4	-11.2	57.4	-.3	-.0	1.4
21ST	40.20	-6.9	24.6	253	366	-27.3	67.2	13	4	-4.2	32.8	-.1	-.0	1.0
22ND	43.55	-4.2	11.0	253	322	-16.7	34.2	34	13	-.0	21.8	-.0	-.0	.6
TOP	47.37	-.0	21.8	289	367	-.0	59.4	28	0	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 100 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
9TH	0.00									4.3	-19.3	-1.7	-.2	4.9
10TH	3.35	4.2	-24.6	253	366	16.6	-67.3	-7	-1	.0	5.3	-1.7	-.2	4.7
11TH	6.70	3.4	-20.3	253	366	13.5	-55.4	-9	-2	-3.4	25.5	-1.7	-.2	4.5
12TH	10.05	2.6	-15.9	253	366	10.3	-43.5	-13	-2	-6.0	41.5	-1.6	-.2	4.3
13TH	13.40	1.8	-11.6	253	366	7.1	-31.6	-20	-3	-7.8	53.0	-1.4	-.1	4.0
14TH	16.75	1.0	-7.2	253	366	3.9	-19.8	-35	-5	-8.8	60.3	-1.2	-.1	3.8
15TH	20.10	.2	-3.2	253	366	.9	-8.7	-88	-6	-9.0	63.4	-1.0	-.1	3.5
16TH	23.45	-.4	.3	253	366	-1.6	.8	348	483	-8.6	63.1	-.8	-.0	3.2
17TH	26.80	-1.1	3.8	253	366	-4.2	10.4	80	22	-7.5	59.4	-.6	-.0	2.9
18TH	30.15	-1.7	7.3	253	366	-6.7	19.9	45	11	-5.8	52.1	-.4	.0	2.5
19TH	33.50	-2.3	10.8	253	366	-9.2	29.4	33	7	-3.5	41.3	-.3	.0	2.2
20TH	36.85	-3.0	13.2	253	366	-11.9	36.1	28	6	-.5	28.1	-.1	.0	1.8
21ST	40.20	-3.7	15.4	253	366	-14.7	42.0	25	6	3.3	12.8	-.1	.0	1.4
22ND	43.55	-.9	0	253	322	-3.5	.1	25	619	4.1	12.7	-.0	.0	.8
TOP	47.37	4.1	12.7	289	367	14.3	34.7	58	-19	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 110 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
9TH	0.00									52.9	-86.7	-.6	2.1	5.4
		-4.6	-36.2	253	366	-18.2	-99.0	8	-1					
10TH	3.35									57.5	-50.5	-.8	1.9	5.7
		-2.9	-30.5	253	366	-11.5	-83.3	5	-0					
11TH	6.70									60.4	-20.0	-.9	1.7	5.9
		-1.2	-24.7	253	366	-4.7	-67.6	1	-0					
12TH	10.05									61.6	4.7	-1.0	1.5	5.9
		.5	-19.0	253	366	2.0	-51.9	-6	-0					
13TH	13.40									61.1	23.7	-.9	1.3	5.8
		2.2	-13.2	253	366	8.7	-36.2	-17	-3					
14TH	16.75									58.9	36.9	-.8	1.1	5.6
		3.4	-7.9	253	366	13.3	-21.6	-36	-15					
15TH	20.10									55.6	44.8	-.7	.9	5.2
		4.0	-3.3	253	366	15.9	-9.0	-49	-60					
16TH	23.45									51.5	48.1	-.5	.7	4.8
		4.7	1.3	253	366	18.6	3.6	26	-93					
17TH	26.80									46.8	46.8	-.4	.5	4.3
		5.4	5.9	253	366	21.3	16.2	50	-45					
18TH	30.15									41.4	40.9	-.2	.4	3.8
		6.1	10.5	253	366	23.9	28.8	43	-25					
19TH	33.50									35.3	30.4	-.1	.3	3.2
		6.8	14.3	253	366	26.7	39.0	38	-18					
20TH	36.85									28.6	16.1	-.0	.2	2.5
		7.5	17.8	253	366	29.5	48.6	35	-15					
21ST	40.20									21.1	-1.7	-.0	.1	1.8
		8.9	-4.0	253	322	35.3	-12.3	-33	-75					
22ND	43.55									12.2	2.3	-.0	.0	1.0
		12.2	2.3	289	367	42.0	6.3	15	-80					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									212.8	1.4	-2.4	5.6	8.5
10TH	3.35	9.4	-28.4	253	366	37.1	-77.8	-3	-1	203.4	29.8	-2.3	4.9	8.3
11TH	6.70	10.5	-22.7	253	366	41.5	-62.0	-7	-3	192.9	52.5	-2.2	4.2	8.1
12TH	10.05	11.6	-16.9	253	366	45.9	-46.2	-12	-9	181.2	69.4	-2.0	3.6	7.8
13TH	13.40	12.8	-11.1	253	366	50.3	-30.4	-16	-18	168.5	80.5	-1.7	3.0	7.4
14TH	16.75	13.9	-5.3	253	366	54.7	-14.6	-12	-32	154.6	85.8	-1.4	2.5	6.9
15TH	20.10	14.6	-.2	253	366	57.7	-.5	-1	-40	140.0	86.0	-1.1	2.0	6.3
16TH	23.45	15.2	3.9	253	366	60.0	10.6	10	-40	124.8	82.1	-.9	1.5	5.7
17TH	26.80	15.8	7.9	253	366	62.3	21.7	18	-35	109.0	74.2	-.6	1.2	5.0
18TH	30.15	16.4	12.0	253	366	64.5	32.8	22	-30	92.6	62.2	-.4	.8	4.2
19TH	33.50	16.9	16.1	253	366	66.8	43.9	24	-25	75.7	46.2	-.2	.5	3.4
20TH	36.85	17.6	20.0	253	366	69.5	54.7	24	-21	58.1	26.2	-.1	.3	2.6
21ST	40.20	18.3	23.9	253	366	72.2	65.3	24	-18	39.8	2.3	-.0	.1	1.7
22ND	43.55	18.6	-1.7	253	322	73.5	-5.3	-4	-45	21.2	4.0	-.0	.0	.8
TOP	47.37	21.2	4.0	289	367	73.2	10.8	7	-37	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 130 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									442.0	139.7	-6.8	9.6	12.7
10TH	3.35	44.4	-38.5	253	366	175.4	-105.2	-8	-10	397.6	178.1	-6.3	8.2	11.9
11TH	6.70	40.9	-27.3	253	366	161.3	-74.8	-9	-13	356.7	205.5	-5.6	6.9	11.1
12TH	10.05	37.3	-16.2	253	366	147.2	-44.3	-8	-18	319.4	221.7	-4.9	5.8	10.3
13TH	13.40	33.7	-5.1	253	366	133.1	-13.8	-3	-23	285.7	226.7	-4.2	4.8	9.6
14TH	16.75	30.2	6.1	253	366	119.1	16.6	5	-25	255.5	220.7	-3.4	3.8	8.8
15TH	20.10	27.9	14.8	253	366	110.0	40.5	12	-23	227.6	205.9	-2.7	3.0	8.0
16TH	23.45	28.2	19.3	253	366	111.1	52.7	14	-21	199.4	186.6	-2.0	2.3	7.1
17TH	26.80	28.4	23.8	253	366	112.2	65.0	16	-19	171.0	162.8	-1.4	1.7	6.2
18TH	30.15	28.7	28.2	253	366	113.3	77.2	17	-17	142.3	134.6	-.9	1.2	5.2
19TH	33.50	29.0	32.7	253	366	114.3	89.4	17	-15	113.3	101.9	-.6	.7	4.2
20TH	36.85	29.4	35.5	253	366	116.0	97.0	18	-15	83.9	66.4	-.3	.4	3.1
21ST	40.20	29.9	37.8	253	366	117.9	103.4	18	-14	54.0	28.6	-.1	.2	2.0
22ND	43.55	27.3	11.0	253	322	107.7	34.0	13	-32	26.7	17.7	-.0	.1	1.0
TOP	47.37	26.7	17.7	289	367	92.5	48.1	17	-26	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 140 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									618.3	153.3	-7.8	12.4	15.4
		78.2	-67.9	253	366	308.4	-185.8	-9	-10					
10TH	3.35									540.1	221.2	-7.2	10.5	14.0
		68.7	-46.4	253	366	271.2	-126.8	-9	-13					
11TH	6.70									471.4	267.6	-6.4	8.8	12.7
		59.3	-24.8	253	366	233.9	-67.8	-7	-17					
12TH	10.05									412.1	292.4	-5.5	7.3	11.5
		49.9	-3.2	253	366	196.7	-8.8	-1	-21					
13TH	13.40									362.2	295.6	-4.5	6.0	10.4
		40.4	18.4	253	366	159.4	50.2	9	-19					
14TH	16.75									321.8	277.2	-3.5	4.8	9.5
		34.6	32.9	253	366	136.4	89.9	13	-13					
15TH	20.10									287.2	244.4	-2.6	3.8	8.6
		35.2	35.0	253	366	138.7	95.6	13	-13					
16TH	23.45									252.1	209.4	-1.9	2.9	7.7
		35.7	37.1	253	366	141.0	101.3	14	-13					
17TH	26.80									216.4	172.3	-1.2	2.1	6.7
		36.3	39.2	253	366	143.3	107.1	14	-13					
18TH	30.15									180.0	133.2	-.7	1.5	5.6
		36.9	41.2	253	366	145.6	112.8	15	-13					
19TH	33.50									143.1	91.9	-.3	.9	4.5
		37.8	42.8	253	366	149.2	117.0	15	-13					
20TH	36.85									105.3	49.2	-.1	.5	3.4
		38.8	44.1	253	366	153.1	120.6	15	-13					
21ST	40.20									66.5	5.1	-.0	.2	2.2
		34.5	1.9	253	322	136.2	5.9	2	-32					
22ND	43.55									32.0	3.2	-.0	.1	1.1
		32.0	3.2	289	367	110.7	8.7	3	-33					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 150 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									1099.2	-188.9	2.1	25.9	31.5
		83.6	-70.7	253	366	329.8	-193.4	-11	-13					
10TH	3.35									1015.6	-118.2	1.6	22.4	29.7
		80.9	-54.2	253	366	319.1	-148.3	-11	-16					
11TH	6.70									934.8	-64.0	1.3	19.1	27.8
		78.1	-37.8	253	366	308.3	-103.3	-10	-20					
12TH	10.05									856.6	-26.2	1.2	16.1	25.8
		75.4	-21.3	253	366	297.5	-58.2	-7	-25					
13TH	13.40									781.2	-4.9	1.1	13.3	23.8
		72.7	-4.8	253	366	286.8	-13.1	-2	-28					
14TH	16.75									708.5	-.1	1.1	10.9	21.8
		71.8	6.4	253	366	283.5	17.5	3	-30					
15TH	20.10									636.7	-6.5	1.1	8.6	19.6
		74.3	8.3	253	366	293.1	22.6	3	-30					
16TH	23.45									562.4	-14.8	1.0	6.6	17.4
		76.7	10.1	253	366	302.8	27.7	4	-30					
17TH	26.80									485.6	-24.9	1.0	4.8	15.1
		79.2	12.0	253	366	312.5	32.8	5	-30					
18TH	30.15									406.4	-36.9	.9	3.3	12.6
		81.6	13.8	253	366	322.1	37.9	5	-30					
19TH	33.50									324.8	-50.7	.7	2.1	10.1
		85.0	15.6	253	366	335.3	42.6	5	-29					
20TH	36.85									239.8	-66.3	.5	1.2	7.5
		88.5	17.2	253	366	349.3	47.0	6	-29					
21ST	40.20									151.3	-83.5	.3	.5	4.9
		78.8	-42.9	253	322	310.9	-133.2	-13	-25					
22ND	43.55									72.5	-40.6	.1	.1	2.3
		72.5	-40.6	289	367	250.9	-110.7	-14	-25					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 160 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									1449.6	59.1	2.0	35.0	48.9
10TH	3.35	103.9	5.7	253	366	409.8	15.5	2	-28	1345.8	44.5	2.1	30.3	46.0
11TH	6.70	101.3	9.2	253	366	399.8	25.3	3	-29	1244.4	35.2	2.3	25.9	43.0
12TH	10.05	98.8	12.8	253	366	389.9	35.1	4	-30	1145.6	22.4	2.4	21.9	40.0
13TH	13.40	96.3	16.4	253	366	379.9	44.9	5	-31	1049.3	6.0	2.4	18.3	36.9
14TH	16.75	93.8	20.0	253	366	370.0	54.6	7	-32	955.5	-14.0	2.4	14.9	33.8
15TH	20.10	93.9	22.0	253	366	370.5	60.2	8	-32	861.6	-36.0	2.3	11.9	30.6
16TH	23.45	97.5	21.3	253	366	384.7	58.3	7	-33	764.1	-57.3	2.2	9.1	27.2
17TH	26.80	101.1	20.6	253	366	398.8	56.4	7	-34	663.0	-78.0	1.9	6.7	23.7
18TH	30.15	104.7	20.0	253	366	413.0	54.6	6	-34	558.4	-97.9	1.7	4.7	20.0
19TH	33.50	108.3	19.3	253	366	427.1	52.7	6	-34	450.1	-117.2	1.3	3.0	16.1
20TH	36.85	113.0	11.3	253	366	445.7	30.8	4	-35	337.2	-128.5	.9	1.7	12.1
21ST	40.20	117.9	1.5	253	366	465.2	4.1	0	-36	219.3	-130.0	.4	.8	7.9
22ND	43.55	109.6	-66.1	253	322	432.5	-205.2	-16	-27	109.6	-63.9	.1	.2	3.9
TOP	47.37	109.6	-63.9	289	367	379.3	-174.2	-16	-27	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 170 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									1517.4	-77.1	4.3	37.9	59.5
10TH	3.35	97.4	-2.0	253	366	384.3	-5.6	-1	-27	1420.0	-75.0	4.1	32.9	47.9
11TH	6.70	96.5	.5	253	366	380.6	1.3	0	-28	1323.6	-75.5	3.8	28.3	45.2
12TH	10.05	95.5	3.0	253	366	376.9	8.2	1	-30	1228.0	-78.5	3.6	24.1	42.3
13TH	13.40	94.6	5.5	253	366	373.2	15.2	2	-31	1133.5	-84.1	3.3	20.1	39.4
14TH	16.75	93.7	8.1	253	366	369.5	22.1	3	-32	1039.8	-92.1	3.0	16.5	36.4
15TH	20.10	95.7	9.1	253	366	377.4	25.0	3	-33	944.2	-101.3	2.7	13.1	33.2
16TH	23.45	101.5	7.6	253	366	400.6	20.8	3	-34	842.6	-108.9	2.3	10.2	29.7
17TH	26.80	107.4	6.1	253	366	423.9	16.6	2	-34	735.2	-114.9	2.0	7.5	26.0
18TH	30.15	113.3	4.5	253	366	447.1	12.4	1	-35	621.9	-119.5	1.6	5.2	22.0
19TH	33.50	119.2	3.0	253	366	470.3	8.2	1	-35	502.7	-122.5	1.2	3.4	17.8
20TH	36.85	126.0	-2.1	253	366	497.3	-5.7	-1	-35	376.6	-120.4	.8	1.9	13.3
21ST	40.20	133.1	-8.1	253	366	525.2	-22.2	-2	-35	243.5	-112.3	.4	.8	8.6
22ND	43.55	122.8	-61.1	253	322	484.5	-189.9	-14	-29	120.7	-51.2	.1	.2	4.2
TOP	47.37	120.7	-51.2	289	367	417.6	-139.4	-13	-30	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
9TH	0.00									1763.3	-222.5	9.6	42.9	62.1
		121.9	.6	253	366	480.8	1.7	0	-31					
10TH	3.35									1641.5	-223.1	8.9	37.2	58.4
		119.9	1.2	253	366	473.2	3.3	0	-32					
11TH	6.70									1521.5	-224.3	8.1	31.9	54.6
		118.0	1.8	253	366	465.7	4.9	1	-33					
12TH	10.05									1403.5	-226.1	7.4	27.0	50.7
		116.1	2.4	253	366	458.2	6.5	1	-34					
13TH	13.40									1287.4	-228.5	6.6	22.5	46.7
		114.2	3.0	253	366	450.6	8.2	1	-35					
14TH	16.75									1173.1	-231.5	5.8	18.3	42.7
		114.9	2.5	253	366	453.2	6.8	1	-36					
15TH	20.10									1058.3	-234.0	5.0	14.6	38.6
		119.4	.0	253	366	471.0	.1	0	-36					
16TH	23.45									938.9	-234.0	4.3	11.3	34.3
		123.9	-2.4	253	366	488.7	-6.6	-1	-36					
17TH	26.80									815.0	-231.6	3.5	8.3	29.8
		128.4	-4.9	253	366	506.5	-13.3	-1	-36					
18TH	30.15									686.7	-226.7	2.7	5.8	25.1
		132.9	-7.3	253	366	524.3	-20.0	-2	-36					
19TH	33.50									553.8	-219.4	2.0	3.7	20.3
		138.3	-15.7	253	366	545.8	-42.8	-4	-36					
20TH	36.85									415.5	-203.8	1.3	2.1	15.2
		144.0	-25.5	253	366	568.1	-69.7	-6	-35					
21ST	40.20									271.5	-178.3	.6	.9	10.0
		134.8	-89.7	253	322	531.9	-278.8	-17	-26					
22ND	43.55									136.7	-88.6	.2	.3	5.0
		136.7	-88.6	289	367	472.9	-241.3	-17	-26					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 190 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									1740.1	-148.4	9.0	41.9	61.0
10TH	3.35	121.8	18.4	253	366	480.7	50.4	5	-32	1618.2	-166.8	8.4	36.3	57.1
11TH	6.70	120.6	16.9	253	366	473.6	46.1	5	-32	1498.2	-183.7	7.9	31.1	53.1
12TH	10.05	118.3	15.3	253	366	466.6	41.9	4	-33	1379.9	-199.0	7.2	26.3	49.1
13TH	13.40	116.5	13.8	253	366	459.5	37.7	4	-34	1263.5	-212.8	6.5	21.8	45.1
14TH	16.75	114.7	12.2	253	366	452.4	33.4	4	-35	1148.8	-225.0	5.8	17.8	41.0
15TH	20.10	115.0	9.3	253	366	453.8	25.5	3	-36	1033.8	-234.3	5.0	14.2	36.9
16TH	23.45	118.9	4.0	253	366	468.9	11.0	1	-36	914.9	-238.4	4.2	10.9	32.6
17TH	26.80	122.7	-1.3	253	366	484.1	-3.5	-0	-36	792.3	-237.1	3.4	8.0	28.2
18TH	30.15	126.5	-6.6	253	366	499.2	-18.0	-2	-36	665.7	-230.5	2.7	5.6	23.6
19TH	33.50	130.3	-11.9	253	366	514.3	-32.5	-3	-36	535.4	-218.6	1.9	3.6	18.9
20TH	36.85	135.1	-20.3	253	366	533.2	-55.6	-5	-35	400.3	-198.2	1.2	2.0	14.1
21ST	40.20	140.1	-29.5	253	366	552.9	-80.8	-7	-34	260.1	-168.7	.6	.9	9.1
22ND	43.55	130.1	-83.2	253	322	513.2	-258.4	-16	-25	130.1	-85.5	.2	.2	4.5
TOP	47.37	130.1	-85.5	289	367	450.0	-233.1	-16	-24	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 200 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
9TH	0.00									1446.8	-185.6	8.8	34.2	44.4
		107.5	8.5	253	366	424.3	23.3	2	-30					
10TH	3.35									1339.3	-194.1	8.2	29.5	41.2
		104.7	8.0	253	366	413.3	22.0	2	-30					
11TH	6.70									1234.5	-202.2	7.5	25.2	37.9
		102.0	7.5	253	366	402.3	20.6	2	-31					
12TH	10.05									1132.6	-209.7	6.8	21.3	34.8
		99.2	7.0	253	366	391.3	19.2	2	-31					
13TH	13.40									1033.4	-216.7	6.1	17.6	31.7
		96.4	6.5	253	366	380.3	17.9	2	-31					
14TH	16.75									937.0	-223.3	5.4	14.3	28.7
		96.0	4.5	253	366	378.6	12.2	1	-31					
15TH	20.10									841.1	-227.7	4.6	11.4	25.7
		98.9	-.3	253	366	390.2	-.9	-0	-31					
16TH	23.45									742.2	-227.4	3.8	8.7	22.6
		101.8	-5.1	253	366	401.7	-14.0	-2	-31					
17TH	26.80									640.4	-222.3	3.1	6.4	19.4
		104.7	-9.9	253	366	413.3	-27.1	-3	-31					
18TH	30.15									535.6	-212.4	2.4	4.4	16.2
		107.7	-14.7	253	366	424.8	-40.3	-4	-30					
19TH	33.50									428.0	-197.6	1.7	2.8	12.9
		111.2	-21.6	253	366	438.7	-59.1	-6	-29					
20TH	36.85									316.8	-176.0	1.1	1.6	9.5
		114.9	-29.0	253	366	453.2	-79.4	-7	-28					
21ST	40.20									201.9	-147.0	.5	.7	6.0
		103.6	-73.3	253	322	408.9	-227.9	-14	-20					
22ND	43.55									98.3	-73.7	.1	.2	2.9
		98.3	-73.7	289	367	340.0	-200.7	-14	-19					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 210 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
9TH	0.00									926.3	-298.9	10.8	22.1	37.4
		69.7	-6.0	253	366	275.0	-16.3	-3	-39					
10TH	3.35									856.6	-293.0	9.8	19.1	34.7
		67.2	-5.2	253	366	265.3	-14.2	-3	-40					
11TH	6.70									789.4	-287.8	8.8	16.3	32.0
		64.8	-4.4	253	366	255.7	-12.1	-3	-40					
12TH	10.05									724.6	-283.3	7.9	13.8	29.4
		62.4	-3.7	253	366	246.0	-10.1	-2	-41					
13TH	13.40									662.2	-279.7	6.9	11.5	26.8
		59.9	-2.9	253	366	236.4	-8.0	-2	-42					
14TH	16.75									602.3	-276.7	6.0	9.4	24.2
		59.2	-4.0	253	366	233.7	-11.0	-3	-42					
15TH	20.10									543.1	-272.7	5.1	7.4	21.7
		61.6	-8.5	253	366	243.2	-23.1	-6	-41					
16TH	23.45									481.4	-264.2	4.2	5.7	19.1
		64.1	-12.9	253	366	252.8	-35.2	-8	-39					
17TH	26.80									417.4	-251.4	3.3	4.2	16.5
		66.5	-17.3	253	366	262.3	-47.3	-10	-38					
18TH	30.15									350.9	-234.1	2.5	2.9	13.8
		68.9	-21.7	253	366	271.8	-59.4	-11	-36					
19TH	33.50									282.0	-212.3	1.8	1.9	11.1
		71.8	-28.0	253	366	283.3	-76.6	-13	-34					
20TH	36.85									210.2	-184.3	1.1	1.0	8.3
		74.8	-34.8	253	366	295.2	-95.1	-15	-31					
21ST	40.20									135.4	-149.6	.5	.5	5.5
		68.7	-72.5	253	322	271.2	-225.4	-20	-19					
22ND	43.55									66.6	-77.0	.1	.1	2.8
		66.6	-77.0	289	367	230.6	-209.9	-21	-18					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									787.4	-431.0	13.3	19.3	33.8
		62.3	-26.2	253	366	245.7	-71.8	-15	-36					
10TH	3.35									725.1	-404.8	11.9	16.8	31.2
		57.7	-22.0	253	366	227.7	-60.3	-14	-37					
11TH	6.70									667.4	-382.7	10.6	14.4	28.7
		53.2	-17.8	253	366	209.8	-48.8	-13	-40					
12TH	10.05									614.2	-364.9	9.4	12.3	26.4
		48.6	-13.7	253	366	191.9	-37.3	-12	-42					
13TH	13.40									565.6	-351.2	8.2	10.3	24.2
		44.1	-9.5	253	366	174.0	-25.9	-10	-45					
14TH	16.75									521.5	-341.8	7.0	8.5	22.1
		42.9	-8.7	253	366	169.1	-23.9	-9	-45					
15TH	20.10									478.7	-333.0	5.9	6.8	20.1
		47.2	-14.1	253	366	186.3	-38.7	-13	-42					
16TH	23.45									431.5	-318.9	4.8	5.3	18.0
		51.6	-19.5	253	366	203.4	-53.4	-15	-39					
17TH	26.80									379.9	-299.3	3.7	3.9	15.7
		55.9	-24.9	253	366	220.6	-68.2	-16	-36					
18TH	30.15									324.0	-274.4	2.8	2.7	13.3
		60.3	-30.3	253	366	237.8	-83.0	-17	-33					
19TH	33.50									263.7	-244.1	1.9	1.8	10.8
		65.1	-38.4	253	366	256.8	-105.1	-18	-30					
20TH	36.85									198.6	-205.7	1.2	1.0	8.1
		70.0	-47.2	253	366	276.3	-129.0	-18	-27					
21ST	40.20									128.6	-158.5	.6	.4	5.3
		65.1	-78.5	253	322	256.9	-243.9	-20	-17					
22ND	43.55									63.5	-80.0	.2	.1	2.7
		63.5	-80.0	289	367	219.7	-218.0	-20	-16					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 230 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									709.8	-476.7	14.0	18.0	33.7
10TH	3.35	50.8	-28.6	253	366	200.3	-78.1	-21	-37	659.0	-448.1	12.5	15.7	31.2
11TH	6.70	47.8	-25.5	253	366	188.5	-69.6	-21	-39	611.2	-422.6	11.0	13.6	28.9
12TH	10.05	44.8	-22.3	253	366	176.7	-61.1	-20	-41	566.4	-400.3	9.6	11.6	26.6
13TH	13.40	41.8	-19.2	253	366	164.9	-52.6	-20	-43	524.6	-381.1	8.3	9.8	24.4
14TH	16.75	38.8	-16.1	253	366	153.1	-44.1	-19	-46	485.8	-364.9	7.1	8.1	22.3
15TH	20.10	38.5	-15.8	253	366	151.7	-43.3	-19	-46	447.4	-349.1	5.9	6.5	20.2
16TH	23.45	42.5	-20.4	253	366	167.8	-55.9	-20	-41	404.8	-328.7	4.8	5.1	18.1
17TH	26.80	46.6	-25.0	253	366	183.9	-68.4	-20	-38	358.2	-303.7	3.7	3.8	15.8
18TH	30.15	50.7	-29.6	253	366	200.0	-81.0	-20	-35	307.5	-274.0	2.7	2.7	13.4
19TH	33.50	54.8	-34.2	253	366	216.1	-93.6	-20	-32	252.7	-239.8	1.9	1.7	10.9
20TH	36.85	59.2	-40.0	253	366	233.7	-109.5	-20	-30	193.5	-199.8	1.1	1.0	8.4
21ST	40.20	63.8	-46.1	253	366	251.6	-126.2	-20	-27	129.8	-153.7	.5	.5	5.7
22ND	43.55	62.6	-74.9	253	322	247.0	-232.7	-21	-18	67.2	-78.8	.2	.1	3.0
TOP	47.37	67.2	-78.8	289	367	232.4	-214.6	-22	-19	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 240 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									767.5	-392.2	13.0	19.3	34.5
10TH	3.35	53.5	-13.0	253	366	211.1	-35.7	-10	-42	714.0	-379.2	11.8	16.8	32.0
11TH	6.70	51.2	-11.6	253	366	202.0	-31.8	-10	-44	662.9	-367.6	10.5	14.5	29.7
12TH	10.05	48.9	-10.2	253	366	192.9	-27.8	-9	-45	614.0	-357.4	9.3	12.4	27.4
13TH	13.40	46.6	-8.7	253	366	183.8	-23.9	-9	-47	567.4	-348.7	8.1	10.4	25.1
14TH	16.75	44.3	-7.3	253	366	174.7	-20.0	-8	-49	523.1	-341.4	6.9	8.6	22.9
15TH	20.10	44.1	-8.5	253	366	174.0	-23.3	-9	-49	479.0	-332.9	5.8	6.9	20.7
16TH	23.45	47.8	-14.3	253	366	188.5	-39.2	-13	-44	431.3	-318.5	4.7	5.4	18.4
17TH	26.80	51.5	-20.2	253	366	203.1	-55.2	-16	-40	379.8	-298.3	3.7	4.0	16.0
18TH	30.15	55.2	-26.0	253	366	217.7	-71.2	-17	-37	324.6	-272.3	2.7	2.8	13.5
19TH	33.50	58.9	-31.9	253	366	232.2	-87.1	-18	-34	265.8	-240.5	1.9	1.8	10.9
20TH	36.85	62.9	-39.2	253	366	248.2	-107.2	-19	-30	202.8	-201.3	1.1	1.0	8.3
21ST	40.20	67.1	-46.9	253	366	264.6	-128.3	-19	-27	135.8	-154.4	.5	.5	5.6
22ND	43.55	65.5	-74.7	253	322	258.6	-232.2	-20	-18	70.2	-79.6	.2	1	2.9
TOP	47.37	70.2	-79.6	289	367	243.0	-216.9	-21	-18	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 250 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									308.7	60.9	1.9	7.7	15.0
10TH	3.35	25.0	20.7	253	366	98.7	56.5	21	-26	283.7	40.3	2.1	6.7	13.9
11TH	6.70	23.0	20.6	253	366	90.7	56.5	22	-25	260.7	19.6	2.2	5.8	12.9
12TH	10.05	21.0	20.6	253	366	82.7	56.4	24	-24	239.8	-1.0	2.2	4.9	11.9
13TH	13.40	18.9	20.6	253	366	74.7	56.4	25	-23	220.8	-21.6	2.2	4.2	10.9
14TH	16.75	16.9	20.6	253	366	66.7	56.3	26	-22	203.9	-42.2	2.1	3.5	10.0
15TH	20.10	16.0	18.9	253	366	63.1	51.7	28	-23	187.9	-61.2	1.9	2.8	9.1
16TH	23.45	17.5	14.3	253	366	69.0	39.1	26	-32	170.4	-75.4	1.7	2.2	8.2
17TH	26.80	19.0	9.7	253	366	74.9	26.4	21	-42	151.5	-85.1	1.4	1.7	7.2
18TH	30.15	20.5	5.0	253	366	80.7	13.7	12	-48	131.0	-90.1	1.1	1.2	6.1
19TH	33.50	22.0	.4	253	366	86.6	1.1	1	-49	109.0	-90.5	.8	.8	5.1
20TH	36.85	23.6	-4.8	253	366	93.1	-13.2	-9	-46	85.4	-85.7	.5	.5	3.9
21ST	40.20	25.3	-10.2	253	366	99.8	-27.9	-16	-40	60.1	-75.5	.3	.2	2.7
22ND	43.55	27.1	-35.5	253	322	106.9	-110.4	-22	-17	33.1	-40.0	.1	.1	1.5
TOP	47.37	33.1	-40.0	289	367	114.4	-108.9	-22	-18	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 260 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									101.7	228.5	-2.7	2.7	-2.1
		8.1	29.8	253	366	31.8	81.5	-7	2					
10TH	3.35									93.7	198.7	-2.0	2.4	-1.9
		7.1	29.4	253	366	27.9	80.3	-7	2					
11TH	6.70									86.6	169.3	-1.3	2.1	-1.6
		6.1	28.9	253	366	24.1	79.1	-8	2					
12TH	10.05									80.5	140.4	-.8	1.8	-1.4
		5.1	28.5	253	366	20.3	77.9	-9	2					
13TH	13.40									75.3	111.9	-.4	1.5	-1.1
		4.2	28.1	253	366	16.4	76.7	-9	1					
14TH	16.75									71.2	83.8	-.1	1.3	-.9
		3.8	26.7	253	366	15.0	73.1	-10	1					
15TH	20.10									67.4	57.1	.2	1.1	-.6
		4.8	23.8	253	366	18.8	65.1	-9	2					
16TH	23.45									62.6	33.3	.3	.9	-.4
		5.7	20.9	253	366	22.5	57.1	-8	2					
17TH	26.80									56.9	12.4	.4	.7	-.2
		6.7	18.0	253	366	26.3	49.1	-7	2					
18TH	30.15									50.2	-5.5	.4	.5	-.1
		7.6	15.0	253	366	30.1	41.1	-5	3					
19TH	33.50									42.6	-20.6	.4	.3	.0
		8.6	11.8	253	366	34.0	32.2	-3	2					
20TH	36.85									34.0	-32.3	.3	.2	.1
		9.6	8.4	253	366	38.0	22.9	-1	1					
21ST	40.20									24.4	-40.7	.2	.1	.1
		10.8	-17.4	253	322	42.4	-53.9	-1	-1					
22ND	43.55									13.6	-23.4	.0	.0	.1
		13.6	-23.4	289	367	47.1	-63.6	-2	-1					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 270 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									28.1	115.0	-.2	.4	-5.7
10TH	3.35	7.1	22.4	253	366	28.0	61.3	-17	5	21.0	92.5	.2	.4	-5.3
11TH	6.70	5.6	21.6	253	366	22.1	59.0	-19	5	15.4	71.0	.5	.3	-4.8
12TH	10.05	4.1	20.7	253	366	16.1	56.6	-21	4	11.3	50.3	.7	.3	-4.4
13TH	13.40	2.6	19.8	253	366	10.2	54.3	-24	3	8.7	30.4	.8	.2	-3.9
14TH	16.75	1.1	19.0	253	366	4.3	51.9	-26	1	7.6	11.4	.9	.2	-3.4
15TH	20.10	.0	17.4	253	366	.2	47.5	-29	0	7.6	-6.0	.9	.2	-2.9
16TH	23.45	.1	14.5	253	366	.4	39.6	-33	0	7.5	-20.4	.8	.1	-2.4
17TH	26.80	.1	11.6	253	366	.6	31.7	-38	0	7.4	-32.0	.8	.1	-2.0
18TH	30.15	.2	8.7	253	366	.8	23.7	-47	1	7.2	-40.7	.6	.1	-1.6
19TH	33.50	.2	5.8	253	366	1.0	15.8	-65	3	6.9	-46.5	.5	.1	-1.2
20TH	36.85	.4	2.1	253	366	1.5	5.7	-158	28	6.6	-48.6	.3	.0	-.8
21ST	40.20	.5	-1.8	253	366	2.1	-4.8	162	48	6.0	-46.8	.2	.0	-.5
22ND	43.55	1.8	-22.2	253	322	7.1	-69.0	12	1	4.2	-24.6	.0	.0	-.3
TOP	47.37	4.2	-24.6	289	367	14.6	-67.0	10	2	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 280 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
9TH	0.00									-571.4	-360.5	13.4	-16.1	-32.7
		-17.7	11.3	253	366	-69.7	30.9	-46	-72					
10TH	3.35									-553.8	-371.8	12.2	-14.2	-30.9
		-21.0	6.5	253	366	-82.9	17.7	-25	-81					
11TH	6.70									-532.8	-378.3	10.9	-12.4	-29.1
		-24.4	1.7	253	366	-96.2	4.6	-5	-79					
12TH	10.05									-508.4	-380.0	9.6	-10.7	-27.1
		-27.7	-3.1	253	366	-109.4	-8.5	8	-72					
13TH	13.40									-480.6	-376.9	8.4	-9.0	-25.1
		-31.1	-7.9	253	366	-122.7	-21.6	16	-63					
14TH	16.75									-449.6	-369.0	7.1	-7.4	-23.0
		-34.8	-13.2	253	366	-137.5	-36.1	21	-54					
15TH	20.10									-414.7	-355.8	5.9	-6.0	-20.9
		-39.1	-19.4	253	366	-154.2	-53.0	23	-47					
16TH	23.45									-375.6	-336.4	4.7	-4.7	-18.6
		-43.3	-25.6	253	366	-170.8	-69.9	24	-41					
17TH	26.80									-332.3	-310.8	3.7	-3.5	-16.2
		-47.5	-31.7	253	366	-187.5	-86.8	24	-36					
18TH	30.15									-284.8	-279.1	2.7	-2.5	-13.7
		-51.8	-37.9	253	366	-204.2	-103.7	24	-33					
19TH	33.50									-233.1	-241.2	1.8	-1.6	-11.1
		-56.1	-45.4	253	366	-221.4	-124.1	24	-29					
20TH	36.85									-176.9	-195.8	1.1	-.9	-8.4
		-60.5	-53.1	253	366	-238.8	-145.3	23	-26					
21ST	40.20									-116.4	-142.7	.5	-.4	-5.6
		-57.7	-71.9	253	322	-227.5	-223.3	23	-19					
22ND	43.55									-58.8	-70.8	.1	-.1	-2.9
		-58.8	-70.8	289	367	-203.3	-192.9	24	-20					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
9TH	0.00									-1098.2	-479.9	16.7	-28.6	-52.6
10TH	3.35	-52.3	2.4	253	366	-206.5	6.5	-3	-70	-1045.9	-482.3	15.1	-25.0	-48.9
11TH	6.70	-56.7	-1.4	253	366	-223.6	-3.9	2	-65	-989.2	-480.9	13.5	-21.6	-45.2
12TH	10.05	-61.0	-5.2	253	366	-240.6	-14.2	5	-60	-928.2	-475.7	11.9	-18.4	-41.5
13TH	13.40	-65.3	-9.0	253	366	-257.7	-24.6	8	-56	-862.9	-466.7	10.3	-15.4	-37.8
14TH	16.75	-69.6	-12.8	253	366	-274.7	-34.9	10	-52	-793.3	-453.9	8.8	-12.6	-34.1
15TH	20.10	-73.9	-17.6	253	366	-291.4	-48.3	11	-48	-719.4	-436.3	7.3	-10.1	-30.3
16TH	23.45	-77.9	-24.5	253	366	-307.2	-66.9	14	-44	-641.6	-411.8	5.8	-7.8	-26.6
17TH	26.80	-81.8	-31.3	253	366	-322.9	-85.5	15	-40	-559.7	-380.6	4.5	-5.8	-22.8
18TH	30.15	-85.8	-38.1	253	366	-338.6	-104.1	16	-37	-473.9	-342.5	3.3	-4.0	-19.0
19TH	33.50	-89.8	-44.9	253	366	-354.4	-122.7	17	-34	-384.1	-297.6	2.2	-2.6	-15.2
20TH	36.85	-94.0	-54.6	253	366	-371.0	-149.3	18	-30	-290.1	-243.0	1.3	-1.5	-11.4
21ST	40.20	-98.3	-65.0	253	366	-387.7	-177.7	18	-27	-191.8	-178.0	.6	-.7	-7.5
22ND	43.55	-93.9	-88.5	253	322	-370.7	-274.9	20	-21	-97.9	-89.6	.2	-.2	-3.8
TOP	47.37	-97.9	-89.6	289	367	-338.6	-244.0	20	-21	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 300 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
9TH	0.00									-1703.0	-1053.5	29.9	-39.6	-82.6
		-119.2	-37.9	253	366	-470.2	-103.5	16	-51					
10TH	3.35									-1583.8	-1015.7	26.5	-34.1	-75.8
		-120.0	-42.5	253	366	-473.5	-116.1	17	-49					
11TH	6.70									-1463.8	-973.2	23.1	-28.9	-69.2
		-120.8	-47.0	253	366	-476.8	-128.7	18	-47					
12TH	10.05									-1343.0	-926.2	19.9	-24.2	-62.7
		-121.7	-51.6	253	366	-480.1	-141.3	19	-44					
13TH	13.40									-1221.3	-874.5	16.9	-19.9	-56.3
		-122.5	-56.2	253	366	-483.4	-153.8	19	-42					
14TH	16.75									-1098.8	-818.3	14.1	-16.1	-50.0
		-123.7	-61.3	253	366	-487.9	-167.7	20	-40					
15TH	20.10									-975.1	-756.9	11.5	-12.6	-43.9
		-125.1	-67.2	253	366	-493.4	-183.8	20	-38					
16TH	23.45									-850.1	-689.8	9.0	-9.5	-37.8
		-126.5	-73.1	253	366	-499.0	-199.8	20	-35					
17TH	26.80									-723.6	-616.7	6.8	-6.9	-31.9
		-127.9	-78.9	253	366	-504.5	-215.9	20	-33					
18TH	30.15									-595.7	-537.7	4.9	-4.7	-26.1
		-129.3	-84.8	253	366	-510.0	-232.0	20	-31					
19TH	33.50									-466.5	-452.9	3.2	-2.9	-20.3
		-131.2	-94.4	253	366	-517.6	-258.1	20	-28					
20TH	36.85									-335.3	-358.5	1.9	-1.6	-14.7
		-133.2	-104.8	253	366	-525.6	-286.7	20	-25					
21ST	40.20									-202.1	-253.7	.9	-.7	-9.3
		-111.4	-132.1	253	322	-439.6	-410.4	22	-18					
22ND	43.55									-90.6	-121.6	.2	-.2	-4.4
		-90.6	-121.6	289	367	-313.6	-331.4	23	-17					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 310 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
9TH	0.00	-204.0	-114.6	253	366	-805.1	-313.3	21	-38	-2820.3	-2119.5	55.7	-64.7	-125.5
10TH	3.35	-204.7	-117.9	253	366	-807.6	-322.4	21	-36	-2616.3	-2004.9	48.8	-55.5	-115.5
11TH	6.70	-205.3	-121.2	253	366	-810.2	-331.4	21	-35	-2411.6	-1887.1	42.3	-47.1	-105.5
12TH	10.05	-206.0	-124.5	253	366	-812.7	-340.4	21	-34	-2206.3	-1765.9	36.1	-39.4	-95.7
13TH	13.40	-206.6	-127.8	253	366	-815.2	-349.5	21	-33	-2000.3	-1641.4	30.4	-32.3	-86.1
14TH	16.75	-207.3	-132.2	253	366	-818.1	-361.6	20	-32	-1793.7	-1513.6	25.1	-26.0	-76.6
15TH	20.10	-208.1	-138.6	253	366	-821.1	-379.0	20	-31	-1586.3	-1381.4	20.3	-20.3	-67.3
16TH	23.45	-208.9	-145.0	253	366	-824.1	-396.4	20	-29	-1378.2	-1242.8	15.9	-15.4	-58.1
17TH	26.80	-209.6	-151.3	253	366	-827.1	-413.8	20	-28	-1169.4	-1097.9	12.0	-11.1	-49.1
18TH	30.15	-210.4	-157.7	253	366	-830.1	-431.3	20	-27	-959.7	-946.5	8.5	-7.5	-40.2
19TH	33.50	-211.9	-169.3	253	366	-836.0	-463.0	20	-25	-749.4	-788.9	5.6	-4.7	-31.5
20TH	36.85	-213.6	-182.1	253	366	-842.6	-498.2	20	-23	-537.5	-619.6	3.3	-2.5	-22.9
21ST	40.20	-178.5	-219.9	253	322	-704.3	-683.3	21	-17	-323.9	-437.5	1.5	-1.1	-14.4
22ND	43.55	-145.4	-217.5	289	367	-503.1	-592.7	22	-15	-145.4	-217.5	.4	-.3	-6.9
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 320 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
9TH	0.00									-3752.0	-2790.0	71.6	-84.6	-153.3
		-282.6	-158.6	253	366	-1115.0	-433.8	19	-33					
10TH	3.35									-3469.5	-2631.3	62.6	-72.5	-141.1
		-282.0	-161.8	253	366	-1112.6	-442.6	19	-32					
11TH	6.70									-3187.5	-2469.5	54.0	-61.4	-128.9
		-281.4	-165.0	253	366	-1110.3	-451.3	19	-32					
12TH	10.05									-2906.1	-2304.5	46.0	-51.2	-117.0
		-280.8	-168.2	253	366	-1107.9	-460.0	19	-31					
13TH	13.40									-2625.3	-2136.3	38.6	-41.9	-105.2
		-280.2	-171.4	253	366	-1105.5	-468.8	18	-30					
14TH	16.75									-2345.1	-1964.9	31.7	-33.6	-93.6
		-279.5	-177.1	253	366	-1102.6	-484.4	19	-29					
15TH	20.10									-2065.6	-1787.8	25.4	-26.2	-82.1
		-278.3	-187.3	253	366	-1098.2	-512.2	19	-28					
16TH	23.45									-1787.3	-1600.5	19.8	-19.7	-70.8
		-277.2	-197.4	253	366	-1093.7	-539.9	19	-27					
17TH	26.80									-1510.1	-1403.1	14.7	-14.2	-59.6
		-276.1	-207.6	253	366	-1089.2	-567.7	19	-25					
18TH	30.15									-1234.0	-1195.5	10.4	-9.6	-48.6
		-274.9	-217.7	253	366	-1084.8	-595.4	19	-24					
19TH	33.50									-959.1	-977.8	6.7	-5.9	-37.8
		-274.5	-229.2	253	366	-1083.1	-626.8	19	-23					
20TH	36.85									-684.6	-748.6	3.8	-3.2	-27.2
		-274.2	-241.0	253	366	-1082.0	-659.2	19	-22					
21ST	40.20									-410.3	-507.6	1.7	-1.3	-16.8
		-227.6	-261.6	253	322	-898.2	-812.8	20	-17					
22ND	43.55									-182.7	-246.0	.5	-.3	-7.8
		-182.7	-246.0	289	367	-632.1	-670.3	20	-15					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 330 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
9TH	0.00									-4198.4	-2909.2	74.6	-94.0	-170.8
		-319.4	-172.3	253	366	-1260.3	-471.2	18	-34					
10TH	3.35									-3878.9	-2736.9	65.1	-80.5	-157.0
		-319.2	-173.2	253	366	-1259.3	-473.6	18	-33					
11TH	6.70									-3559.8	-2563.7	56.2	-68.0	-143.2
		-318.9	-174.1	253	366	-1258.3	-476.1	18	-33					
12TH	10.05									-3240.9	-2389.6	47.9	-56.6	-129.7
		-318.7	-175.0	253	366	-1257.3	-478.5	18	-32					
13TH	13.40									-2922.2	-2214.7	40.2	-46.3	-116.2
		-318.4	-175.9	253	366	-1256.3	-480.9	18	-32					
14TH	16.75									-2603.8	-2038.8	33.1	-37.1	-103.0
		-317.0	-180.4	253	366	-1250.7	-493.5	18	-31					
15TH	20.10									-2286.8	-1858.4	26.6	-28.9	-90.0
		-313.5	-191.5	253	366	-1236.9	-523.8	18	-30					
16TH	23.45									-1973.3	-1666.9	20.7	-21.7	-77.2
		-310.0	-202.6	253	366	-1223.1	-554.0	18	-28					
17TH	26.80									-1663.3	-1464.3	15.4	-15.6	-64.8
		-306.5	-213.7	253	366	-1209.4	-584.3	19	-27					
18TH	30.15									-1356.8	-1250.6	10.9	-10.6	-52.6
		-303.0	-224.7	253	366	-1195.6	-614.6	19	-25					
19TH	33.50									-1053.8	-1025.9	7.1	-6.6	-40.8
		-300.5	-239.2	253	366	-1185.6	-654.3	19	-24					
20TH	36.85									-753.3	-786.7	4.0	-3.5	-29.2
		-298.2	-254.6	253	366	-1176.4	-696.4	19	-22					
21ST	40.20									-455.1	-532.1	1.8	-1.5	-17.8
		-249.5	-273.0	253	322	-984.4	-848.2	19	-18					
22ND	43.55									-205.6	-259.1	.5	-.4	-8.2
		-205.6	-259.1	289	367	-711.5	-705.9	19	-15					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
9TH	0.00									-4493.7	-2628.5	67.6	-99.5	-185.5
		-355.7	-154.7	253	366	-1403.2	-423.1	16	-37					
10TH	3.35									-4138.0	-2473.8	59.0	-85.1	-169.7
		-352.3	-156.0	253	366	-1390.2	-426.7	16	-37					
11TH	6.70									-3785.7	-2317.7	51.0	-71.8	-154.1
		-349.0	-157.4	253	366	-1377.2	-430.4	16	-36					
12TH	10.05									-3436.7	-2160.4	43.5	-59.7	-138.9
		-345.7	-158.7	253	366	-1364.1	-434.0	16	-36					
13TH	13.40									-3090.9	-2001.7	36.5	-48.8	-124.0
		-342.4	-160.0	253	366	-1351.1	-437.6	16	-35					
14TH	16.75									-2748.5	-1841.7	30.1	-39.0	-109.5
		-338.6	-164.0	253	366	-1336.0	-448.6	17	-34					
15TH	20.10									-2409.9	-1677.6	24.2	-30.3	-95.2
		-333.7	-172.7	253	366	-1316.7	-472.2	17	-33					
16TH	23.45									-2076.2	-1505.0	18.9	-22.8	-81.4
		-328.8	-181.3	253	366	-1297.3	-495.9	17	-31					
17TH	26.80									-1747.4	-1323.6	14.1	-16.4	-68.0
		-323.9	-190.0	253	366	-1278.0	-519.6	18	-30					
18TH	30.15									-1423.4	-1133.6	10.0	-11.1	-55.0
		-319.0	-198.7	253	366	-1258.7	-543.3	18	-28					
19TH	33.50									-1104.4	-935.0	6.5	-6.9	-42.4
		-315.2	-210.9	253	366	-1243.6	-576.9	18	-27					
20TH	36.85									-789.2	-724.0	3.8	-3.7	-30.2
		-311.6	-224.1	253	366	-1229.3	-613.1	18	-25					
21ST	40.20									-477.7	-499.9	1.7	-1.6	-18.4
		-261.1	-255.6	253	322	-1030.2	-794.1	19	-19					
22ND	43.55									-216.6	-244.3	.5	-.4	-8.5
		-216.6	-244.3	289	367	-749.3	-665.7	19	-17					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
WIND DIRECTION 350 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
9TH	0.00									-4393.1	-2140.3	54.4	-96.7	-175.2
		-351.9	-134.2	253	366	-1388.3	-367.0	14	-38					
10TH	3.35									-4041.3	-2006.1	47.4	-82.6	-159.9
		-347.7	-133.6	253	366	-1372.0	-365.4	14	-37					
11TH	6.70									-3693.5	-1872.5	40.9	-69.6	-144.9
		-343.6	-133.0	253	366	-1355.8	-363.8	14	-37					
12TH	10.05									-3349.9	-1739.5	34.9	-57.8	-130.3
		-339.5	-132.4	253	366	-1339.6	-362.2	14	-36					
13TH	13.40									-3010.4	-1607.1	29.3	-47.2	-116.1
		-335.4	-131.8	253	366	-1323.4	-360.6	14	-36					
14TH	16.75									-2675.0	-1475.2	24.1	-37.6	-102.2
		-331.3	-133.6	253	366	-1307.1	-365.5	14	-35					
15TH	20.10									-2343.7	-1341.6	19.4	-29.2	-88.7
		-326.8	-139.6	253	366	-1289.6	-381.9	14	-34					
16TH	23.45									-2016.9	-1201.9	15.1	-21.9	-75.6
		-322.4	-145.7	253	366	-1272.1	-398.3	15	-33					
17TH	26.80									-1694.5	-1056.3	11.3	-15.7	-62.9
		-318.0	-151.7	253	366	-1254.6	-414.8	15	-31					
18TH	30.15									-1376.5	-904.6	8.0	-10.6	-50.7
		-313.5	-157.7	253	366	-1237.1	-431.2	15	-30					
19TH	33.50									-1062.9	-747.0	5.3	-6.5	-38.8
		-310.4	-165.3	253	366	-1224.6	-452.2	15	-29					
20TH	36.85									-752.6	-581.6	3.1	-3.4	-27.3
		-307.5	-173.5	253	366	-1213.2	-474.5	15	-27					
21ST	40.20									-445.1	-408.2	1.4	-1.4	-16.2
		-250.4	-210.2	253	322	-988.1	-653.1	18	-21					
22ND	43.55									-194.6	-198.0	.4	-.4	-7.2
		-194.6	-198.0	289	367	-673.4	-539.5	18	-18					
TOP	47.37									0.0	0.0	0.0	0.0	0.0

TABLE 7. TAIKOO SHING CITYPLAZA (EAST TOWER), HONG KONG
PROJECT 5040 CONFIGURATION A
SCALE = 250 REF. PRESSURE = 2170
GUST FACTOR = 1.32 STANDARD FLOOR HEIGHT = 3.35
NUMBER OF SIDES = 12 NO. OF FLOORS = 14

SIDE	ANGLE	Z-AXIS (CM)
1	0.0	12.870
2	45.0	21.173
3	90.0	5.232
4	135.0	2.304
5	180.0	-8.113
6	225.0	6.337
7	270.0	19.571
8	315.0	21.173
9	270.0	8.166
10	225.0	-11.778
11	270.0	-14.811
12	315.0	-3.137

FLOOR #	LABEL	HEIGHT (M)
1	9TH	3.35
2	10TH	3.35
3	11TH	3.35
4	12TH	3.35
5	13TH	3.35
6	14TH	3.35
7	15TH	3.35
8	16TH	3.35
9	17TH	3.35
10	18TH	3.35
11	19TH	3.35
12	20TH	3.35
13	21ST	3.35
14	22ND	3.80

TABLE 7. BASE SHEAR AND MOMENT SUMMARY : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
CONFIGURATION A REFERENCE PRESSURE 2170 GUST FACTOR 1.32

AZIMUTH	SHEAR (KN)		MOMENT (MN-M)			ECCEN (M)	
	X	Y	X	Y	Z	X	Y
0	-6357	273	-4.2	-105.2	-30.8	-0	-5
10	-6503	884	-14.4	-107.5	-44.6	-1	-7
20	-6250	1702	-25.8	-102.8	-39.9	-2	-6
30	-5682	1886	-30.8	-93.7	-29.9	-2	-5
40	-4871	1989	-33.0	-80.6	-11.6	-1	-2
50	-3727	1856	-31.6	-61.6	24.5	2	5
60	-2429	1185	-21.8	-39.8	29.3	3	11
70	-1662	590	-11.3	-27.3	20.3	4	11
80	-1201	272	-6.1	-19.1	13.2	4	10
90	-587	-117		-9.3	5.0	-0	1
100	-226	-354	4.5	-4.2	-12.0	24	-15
110	-55	-479	6.8	-1.7	-23.0	47	-56
120	190	-240	2.8	2.5	-23.7	67	48
130	416	-264	3.0	5.8	-24.8	27	42
140	643	-459	6.9	8.9	-33.6	25	35
150	958	-450	7.3	15.9	-26.8	11	23
160	1424	-223	2.2	24.3	-23.7	2	16
170	1492	-77	1.1	25.5	-25.2	1	17
180	1558	132	-1.9	27.3	-21.5	-1	14
190	1222	299	-4.3	21.3	-7.9	-1	6
200	955	359	-5.4	16.0	-6.5	-2	6
210	424	273	-4.5	7.0	-11.3	-12	19
220	205	228	-2.3	3.4	-9.0	-22	29
230	136	314	-2.7	2.0	-9.2	-25	11
240	50	306	-3.6	-.4	-9.0	-29	5
250	-238	483	-6.8	-5.2	-12.6	-21	-10
260	-57	163	-1.2	-1.8	-24.9	-131	-46
270	-79	263	-3.2	-2.0	-27.1	-94	-28
280	-702	-61		-13.5	-42.1	5	-59
290	-1097	-201	2.8	-19.9	-50.3	8	-44
300	-1588	-531	9.6	-27.1	-64.5	12	-37
310	-2756	-978	14.2	-46.5	-75.4	9	-24
320	-4471	-1092	15.1	-75.7	-59.5	2	-11
330	-5276	-961	14.6	-87.8	-26.2	1	-5
340	-6018	-568	7.0	-100.4	-16.9	0	-3
350	-6356	-212	2.4	-105.8	-15.8	0	-2

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00									-6357.5	273.3	-4.2	-105.2	-30.8
1ST	3.75	-665.5	38.6	528	374	-1259.8	103.1	-0	-3	-5692.0	234.7	-3.3	-82.6	-28.9
2ND	7.32	-634.8	51.0	504	367	-1260.5	138.8	-0	-4	-5057.2	183.7	-2.5	-63.4	-26.4
3RD	10.90	-645.3	52.4	504	403	-1281.3	130.0	-0	-5	-4412.0	131.2	-2.0	-46.4	-22.9
4TH	14.47	-709.9	7.7	539	434	-1318.0	17.7	-0	-4	-3702.1	123.6	-1.5	-31.9	-20.2
5TH	18.05	-750.7	-1.9	549	440	-1367.2	-4.3	0	-4	-2951.4	125.4	-1.1	-20.1	-17.5
6TH	21.62	-775.1	11.8	549	440	-1411.7	26.9	-0	-5	-2176.2	113.6	-.7	-10.9	-13.9
7TH	25.20	-790.7	25.6	549	440	-1440.0	58.1	-0	-6	-1385.6	88.0	-.3	-4.5	-9.3
8TH	28.55	-729.9	45.1	573	585	-1273.2	77.1	-0	-3	-655.7	42.9	-.1	-1.1	-6.8
TOP	31.90	-655.7	42.9	584	640	-1123.5	67.0	-1	-10	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 10 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
GRND	0.00									-6503.0	883.7	-14.4	-107.5	-44.6
1ST	3.75	-680.5	108.2	528	374	-1288.3	289.1	-1	-6	-5822.5	775.5	-11.3	-84.4	-40.2
2ND	7.32	-650.6	114.0	504	367	-1291.9	310.2	-1	-7	-5171.9	661.5	-8.7	-64.7	-35.4
3RD	10.90	-658.4	114.4	504	403	-1307.5	283.8	-2	-9	-4513.5	547.1	-6.6	-47.4	-29.5
4TH	14.47	-731.6	81.7	539	434	-1358.3	188.2	-1	-7	-3781.9	465.4	-4.7	-32.6	-24.1
5TH	18.05	-775.0	69.6	549	440	-1411.4	158.1	-1	-7	-3006.9	395.8	-3.2	-20.4	-18.9
6TH	21.62	-792.2	72.2	549	440	-1442.8	164.0	-1	-8	-2214.6	323.5	-1.9	-11.1	-12.8
7TH	25.20	-803.7	74.8	549	440	-1463.6	169.9	-1	-9	-1411.0	248.7	-.9	-4.6	-5.9
8TH	28.55	-739.4	106.6	573	585	-1289.8	182.3	-1	-4	-671.6	142.1	-.2	-1.1	-3.0
TOP	31.90	-671.6	142.1	584	640	-1150.8	221.9	-1	-4	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 20 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
GRND	0.00									-6250.2	1701.7	-25.8	-102.8	-39.2
		-669.0	218.7	528	374	-1266.6	584.4	-2	-6					
1ST	3.75									-5581.2	1483.0	-19.8	-80.6	-34.7
		-632.1	215.2	504	367	-1255.1	585.7	-2	-7					
2ND	7.32									-4949.1	1267.8	-14.9	-61.7	-29.6
		-629.7	214.9	504	403	-1250.4	533.0	-3	-9					
3RD	10.90									-4319.4	1052.9	-10.9	-45.2	-23.3
		-701.6	193.2	539	434	-1302.6	445.1	-2	-7					
4TH	14.47									-3617.8	859.7	-7.3	-31.0	-18.3
		-747.4	181.6	549	440	-1361.2	412.3	-1	-5					
5TH	18.05									-2870.4	678.1	-4.6	-19.4	-14.1
		-765.7	178.0	549	440	-1394.4	404.2	-1	-6					
6TH	21.62									-2104.7	500.1	-2.5	-10.5	-9.3
		-772.2	174.4	549	440	-1406.4	396.0	-2	-7					
7TH	25.20									-1332.5	325.7	-1.0	-4.4	-3.9
		-698.9	189.7	573	585	-1219.1	324.4	-0	-1					
8TH	28.55									-633.7	136.0	-.2	-1.1	-2.3
		-633.7	136.0	584	640	-1085.1	212.4	-1	-5					
TOP	31.90									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 30 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00									-5681.8	1886.1	-30.8	-93.7	-29.9
		-598.6	213.2	528	374	-1133.1	569.7	-2	-5					
1ST	3.75									-5083.3	1672.9	-24.1	-73.6	-26.5
		-570.5	213.4	504	367	-1132.9	580.7	-2	-6					
2ND	7.32									-4512.8	1459.5	-18.5	-56.4	-22.5
		-573.0	218.2	504	403	-1137.9	541.1	-3	-8					
3RD	10.90									-3939.8	1241.4	-13.7	-41.3	-17.1
		-639.8	206.6	539	434	-1187.9	475.9	-2	-7					
4TH	14.47									-3299.9	1034.8	-9.6	-28.4	-12.4
		-682.2	196.9	549	440	-1242.4	447.2	-1	-5					
5TH	18.05									-2617.7	837.8	-6.3	-17.8	-8.9
		-696.5	189.6	549	440	-1268.5	430.6	-1	-5					
6TH	21.62									-1921.2	648.2	-3.6	-9.7	-5.3
		-696.1	182.3	549	440	-1267.8	414.0	-1	-5					
7TH	25.20									-1225.1	465.9	-1.6	-4.0	-1.7
		-630.6	218.2	573	585	-1100.1	373.2	0	0					
8TH	28.55									-594.5	247.7	-.4	-1.0	-1.7
		-594.5	247.7	584	640	-1018.6	386.8	-1	-2					
TOP	31.90									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 40 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
GRND	0.00									-4870.7	1989.0	-33.0	-80.6	-11.6
1ST	3.75	-518.2	216.6	528	374	-980.9	578.8	-1	-2	-4352.6	1772.3	-25.9	-63.3	-10.2
2ND	7.32	-489.8	210.5	504	367	-972.6	572.8	-2	-4	-3862.8	1561.9	-20.0	-48.6	-8.2
3RD	10.90	-486.8	213.1	504	403	-966.6	528.6	-3	-6	-3376.0	1348.7	-14.8	-35.7	-4.8
4TH	14.47	-542.9	217.4	539	434	-1008.0	500.9	-2	-4	-2833.1	1131.3	-10.3	-24.6	-2.2
5TH	18.05	-581.9	216.2	549	440	-1059.7	490.9	-1	-2	-2251.2	915.1	-6.7	-15.5	-.8
6TH	21.62	-588.4	212.1	549	440	-1071.7	481.5	-1	-2	-1662.8	703.1	-3.8	-8.5	.7
7TH	25.20	-588.6	207.9	549	440	-1071.9	472.2	-1	-2	-1074.2	495.1	-1.6	-3.6	2.2
8TH	28.55	-539.9	252.4	573	585	-941.9	431.7	2	4	-534.3	242.7	-.4	-.9	-.3
TOP	31.90	-534.3	242.7	584	640	-915.6	379.0	-0	-1	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 50 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00									-3727.0	1856.1	-31.6	-61.6	24.5
1ST	3.75	-394.5	177.3	528	374	-746.8	473.6	2	4	-3332.6	1678.8	-25.0	-48.4	22.6
2ND	7.32	-375.8	183.1	504	367	-746.3	498.5	1	2	-2956.7	1495.7	-19.3	-37.2	21.5
3RD	10.90	-374.7	194.4	504	403	-744.2	482.3	0	0	-2582.0	1301.2	-14.3	-27.3	21.5
4TH	14.47	-413.7	210.9	539	434	-768.0	485.9	2	4	-2168.3	1090.3	-10.1	-18.8	19.3
5TH	18.05	-443.1	209.5	549	440	-807.0	475.6	3	7	-1725.2	880.9	-6.5	-11.8	15.5
6TH	21.62	-452.5	199.5	549	440	-824.2	452.9	3	7	-1272.7	681.4	-3.7	-6.5	11.7
7TH	25.20	-454.2	189.5	549	440	-827.2	430.3	3	7	-818.5	491.9	-1.7	-2.7	7.8
8TH	28.55	-416.1	245.1	573	585	-725.8	419.3	7	12	-402.4	246.8	-.4	-.7	1.4
TOP	31.90	-402.4	246.8	584	640	-689.5	385.3	1	2	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
GRND	0.00									-2429.2	1185.1	-21.8	-39.8	29.8
1ST	3.75	-270.0	97.7	528	374	-511.1	260.9	3	7	-2159.2	1087.4	-17.5	-31.2	27.6
2ND	7.32	-260.5	102.4	504	367	-517.3	278.7	2	6	-1898.7	985.0	-13.8	-24.0	25.7
3RD	10.90	-260.5	109.8	504	403	-517.3	272.3	2	4	-1638.2	875.2	-10.5	-17.6	24.5
4TH	14.47	-260.7	124.6	539	434	-483.9	286.9	4	8	-1377.5	750.7	-7.6	-12.3	21.9
5TH	18.05	-265.8	123.6	549	440	-484.1	280.7	5	12	-1111.7	627.1	-5.1	-7.8	18.1
6TH	21.62	-278.7	115.2	549	440	-507.5	261.6	5	12	-833.0	511.9	-3.1	-4.3	14.1
7TH	25.20	-282.9	106.8	549	440	-515.2	242.5	5	13	-550.1	405.1	-1.5	-1.9	9.9
8TH	28.55	-269.6	173.6	573	585	-470.4	297.0	10	16	-280.5	231.4	-.4	-.5	3.9
TOP	31.90	-280.5	231.4	584	640	-480.6	361.4	7	8	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 70 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
GRND	0.00									-1661.8	589.9	-11.3	-27.3	20.3
1ST	3.75	-186.6	44.2	528	374	-353.2	118.0	3	11	-1475.3	545.8	-9.2	-21.4	18.2
2ND	7.32	-182.6	46.7	504	367	-362.6	127.2	3	10	-1292.7	499.0	-7.3	-16.5	16.3
3RD	10.90	-187.4	51.5	504	403	-372.1	127.8	2	7	-1105.3	447.5	-5.6	-12.2	14.8
4TH	14.47	-178.1	64.2	539	434	-330.7	148.0	3	9	-927.1	383.3	-4.1	-8.6	13.0
5TH	18.05	-172.2	60.6	549	440	-313.6	137.7	4	12	-754.9	322.6	-2.9	-5.5	10.7
6TH	21.62	-175.4	48.8	549	440	-319.4	110.8	4	13	-579.5	273.9	-1.8	-3.2	8.3
7TH	25.20	-176.3	37.0	549	440	-321.2	83.9	3	14	-403.2	236.9	-.9	-1.4	5.7
8TH	28.55	-184.6	95.4	573	585	-322.0	163.1	9	17	-218.6	141.5	-.2	-.4	1.8
TOP	31.90	-218.6	141.5	584	640	-374.6	221.0	4	6	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 80 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00									-1201.2	271.8	-6.1	-19.1	13.2
		-139.9	7.0	528	374	-264.9	18.7	1	12					
1ST	3.75									-1061.3	264.8	-5.1	-14.9	11.6
		-139.7	11.7	504	367	-277.3	31.7	1	11					
2ND	7.32									-921.6	253.1	-4.2	-11.4	10.0
		-142.3	15.9	504	403	-282.5	39.5	1	9					
3RD	10.99									-779.3	237.2	-3.3	-8.3	8.8
		-134.1	28.5	539	434	-249.0	65.7	2	8					
4TH	14.47									-645.2	208.7	-2.5	-5.8	7.7
		-127.7	26.9	549	440	-232.6	61.1	2	10					
5TH	18.05									-517.5	181.8	-1.8	-3.7	6.4
		-127.2	17.9	549	440	-231.7	40.5	2	12					
6TH	21.62									-390.3	163.9	-1.2	-2.1	4.9
		-127.1	8.8	549	440	-231.5	20.0	1	13					
7TH	25.20									-263.1	155.1	-.6	-.9	3.2
		-126.4	56.0	573	585	-220.5	95.7	6	14					
8TH	28.55									-136.7	99.2	-.2	-.2	1.0
		-136.7	99.2	584	640	-234.3	154.8	3	5					
TOP	31.90									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00									-586.8	-117.4	.6	-9.3	.5
		-66.8	-28.9	528	374	-126.4	-77.3	-6	14					
1ST	3.75									-520.1	-88.5	.3	-7.3	-.6
		-68.5	-24.3	504	367	-136.1	-66.2	-5	14					
2ND	7.32									-451.6	-64.1	-.0	-5.5	-1.7
		-71.2	-21.5	504	403	-141.4	-53.2	-3	10					
3RD	10.90									-380.4	-42.7	-.2	-4.0	-2.5
		-64.9	-14.9	539	434	-120.4	-34.4	-0	2					
4TH	14.47									-315.5	-27.8	-.3	-2.8	-2.6
		-61.3	-18.4	549	440	-111.7	-41.9	-0	1					
5TH	18.05									-254.2	-9.3	-.4	-1.8	-2.7
		-63.5	-27.3	549	440	-115.6	-62.0	-1	2					
6TH	21.62									-190.7	18.0	-.4	-1.0	-2.9
		-64.7	-36.1	549	440	-117.9	-82.0	-1	3					
7TH	25.20									-126.0	54.1	-.3	-.4	-3.1
		-63.4	4.6	573	585	-110.6	7.9	-1	-14					
8TH	28.55									-62.6	49.5	-.1	-.1	-2.2
		-62.6	49.5	584	640	-107.2	77.3	-17	-21					
TOP	31.90									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 100 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00									-225.7	-354.0	4.5	-4.2	-12.0
1ST	3.75	-7.3	-53.8	528	374	-13.8	-143.7	-8	1	-218.4	-300.2	3.3	-3.3	-12.5
2ND	7.32	-18.0	-49.3	504	367	-35.7	-134.1	-8	3	-200.4	-250.9	2.3	-2.6	-12.9
3RD	10.90	-27.2	-47.8	504	403	-54.1	-118.5	-6	0	-173.2	-203.1	1.5	-1.9	-12.9
4TH	14.47	-26.3	-45.2	539	434	-48.8	-104.0	17	-10	-146.9	-158.0	.8	-1.4	-11.9
5TH	18.05	-25.5	-47.6	549	440	-46.4	-108.0	19	-10	-121.4	-110.4	.3	-.9	-10.7
6TH	21.62	-28.5	-52.1	549	440	-51.8	-118.3	16	-9	-92.9	-58.3	.0	-.5	-9.6
7TH	25.20	-29.6	-56.7	549	440	-53.9	-128.7	15	-8	-63.3	-1.6	-.1	-.2	-8.6
8TH	28.55	-32.1	-22.3	573	585	-56.0	-38.1	51	-74	-31.2	20.7	-.0	-.1	-5.0
TOP	31.90	-31.2	20.7	584	640	-53.5	32.3	-74	-112	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 110 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00									-55.1	-479.1	6.8	-1.7	-23.0
		25.4	-63.8	528	374	48.0	-170.5	3	1					
1ST	3.75									-80.5	-415.3	5.2	-1.5	-22.8
		6.8	-62.4	504	367	13.6	-169.8	3	0					
2ND	7.32									-87.3	-352.9	3.8	-1.2	-22.6
		-9.0	-64.4	504	403	-17.9	-159.6	7	-1					
3RD	10.90									-78.3	-288.6	2.6	-.9	-22.2
		-9.9	-58.9	539	434	-18.4	-135.7	33	-6					
4TH	14.47									-68.4	-229.6	1.7	-.6	-20.1
		-10.3	-57.2	549	440	-18.7	-129.9	40	-7					
5TH	18.05									-58.1	-172.4	1.0	-.4	-17.8
		-14.0	-57.2	549	440	-25.5	-130.0	38	-9					
6TH	21.62									-44.1	-115.2	.5	-.2	-15.5
		-15.7	-57.3	549	440	-28.6	-130.1	38	-10					
7TH	25.20									-28.4	-57.9	.2	-.1	-13.1
		-16.8	-34.3	573	585	-29.3	-58.6	130	-64					
8TH	28.55									-11.6	-23.6	0	-.0	-7.6
		-11.6	-23.6	584	640	-20.0	-36.9	258	-127					
TOP	31.90									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
GRND	0.00									190.1	-240.4	2.8	2.5	-23.7
1ST	3.75	51.9	-41.2	528	374	98.3	-110.1	1	1	138.2	-199.2	1.9	1.9	-23.6
2ND	7.32	30.5	-36.5	504	367	60.5	-99.2	3	3	107.7	-162.8	1.3	1.5	-23.4
3RD	10.90	12.8	-34.8	504	403	25.5	-86.2	16	6	94.9	-128.0	.8	1.1	-22.8
4TH	14.47	12.6	-33.8	539	434	23.3	-77.8	54	20	82.3	-94.2	.4	.6	-20.7
5TH	18.05	15.0	-33.9	549	440	27.3	-76.9	59	26	67.3	-60.4	.1	.5	-18.3
6TH	21.62	14.0	-34.4	549	440	25.5	-78.2	62	25	53.3	-25.9	-.1	.3	-15.9
7TH	25.20	13.3	-35.0	549	440	24.2	-79.5	64	25	40.0	9.1	-.1	.1	-13.3
8TH	28.55	15.3	-14.1	573	585	26.7	-24.2	199	216	24.7	23.2	-.0	.0	-7.2
TOP	31.90	24.7	23.2	584	640	42.3	36.2	-145	154	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 130 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00									416.2	-264.4	3.0	5.8	-24.8
		92.4	-56.8	528	374	174.9	-151.8	-4	-7					
1ST	3.75									323.8	-207.6	2.1	4.5	-25.6
		63.9	-46.5	504	367	126.8	-126.5	-1	-2					
2ND	7.32									259.9	-161.1	1.5	3.4	-25.8
		40.5	-36.6	504	403	80.5	-90.8	10	11					
3RD	10.90									219.4	-124.5	1.0	2.6	-25.0
		37.4	-29.7	539	434	69.5	-68.4	31	39					
4TH	14.47									182.0	-94.8	.6	1.8	-22.6
		35.5	-27.7	549	440	64.7	-63.0	36	46					
5TH	18.05									146.5	-67.0	.3	1.3	-20.0
		27.4	-27.9	549	440	49.9	-63.4	49	48					
6TH	21.62									119.1	-39.1	.1	.8	-17.3
		20.8	-28.1	549	440	37.9	-63.8	63	47					
7TH	25.20									98.2	-11.0	.0	.4	-14.5
		29.6	-16.0	573	585	51.7	-27.4	91	169					
8TH	28.55									68.6	5.0	-.0	.1	-8.1
		68.6	5.0	584	640	117.6	7.9	-9	117					
TOP	31.90									0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 140 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
GRND	0.00									642.5	-458.6	6.9	8.9	-33.6
1ST	3.75	137.8	-69.9	528	374	260.9	-186.8	0	1	504.7	-388.7	5.3	6.7	-33.5
2ND	7.32	106.4	-63.4	504	367	211.2	-172.5	3	5	398.4	-325.4	4.0	5.1	-32.8
3RD	10.90	80.4	-56.3	504	403	159.7	-139.5	10	15	317.9	-269.1	2.9	3.8	-31.0
4TH	14.47	60.0	-45.2	539	434	111.3	-104.0	25	33	258.0	-224.0	2.1	2.8	-27.9
5TH	18.05	46.3	-42.0	549	440	84.3	-95.4	35	39	211.7	-181.9	1.3	2.0	-24.7
6TH	21.62	31.8	-41.6	549	440	58.0	-94.5	51	39	179.9	-140.3	.8	1.3	-21.3
7TH	25.20	22.4	-41.2	549	440	40.8	-93.6	65	35	157.5	-99.1	.3	.7	-17.8
8TH	28.55	34.8	-52.2	573	585	60.7	-89.3	100	67	122.6	-46.9	.1	.2	-10.3
TOP	31.90	122.6	-46.9	584	640	210.2	-73.2	28	73	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 150 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
GRND	0.00									957.6	-450.4	7.3	15.9	-26.8
1ST	3.75	140.2	-55.5	528	374	265.5	-148.3	1	3	817.4	-394.9	5.7	12.6	-26.2
2ND	7.32	108.0	-51.1	504	367	214.4	-139.1	2	5	709.4	-343.8	4.4	9.9	-25.6
3RD	10.90	84.4	-49.5	504	403	167.5	-122.7	5	8	625.0	-294.3	3.3	7.5	-24.6
4TH	14.47	85.9	-44.2	539	434	159.6	-101.7	10	19	539.1	-250.2	2.3	5.4	-22.6
5TH	18.05	89.6	-44.3	549	440	163.2	-100.6	10	20	449.5	-205.9	1.5	3.6	-20.3
6TH	21.62	85.9	-46.9	549	440	156.4	-106.6	12	21	363.6	-158.9	.8	2.2	-18.0
7TH	25.20	88.9	-49.6	549	440	162.0	-112.6	12	21	274.7	-109.3	.4	1.0	-15.5
8TH	28.55	104.5	-55.8	573	585	182.2	-95.4	26	49	170.2	-53.6	.1	.3	-8.9
TOP	31.90	170.2	-53.6	584	640	291.7	-83.7	15	40	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 160 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
GRND	0.00									1424.0	-222.6	2.2	24.3	-23.7
		167.1	-43.7	528	374	316.4	-116.7	1	4					
1ST	3.75									1256.8	-178.9	1.5	19.3	-23.0
		145.7	-39.8	504	367	289.2	-108.2	1	4					
2ND	7.32									1111.2	-139.1	.9	15.1	-22.4
		135.1	-38.7	504	403	268.3	-96.0	1	3					
3RD	10.90									976.1	-100.4	.5	11.3	-21.9
		139.8	-26.8	539	434	259.5	-61.7	2	12					
4TH	14.47									836.3	-73.6	.2	8.1	-20.1
		144.2	-26.2	549	440	262.7	-59.4	3	15					
5TH	18.05									692.1	-47.4	-.1	5.3	-17.9
		145.0	-32.5	549	440	264.0	-73.9	3	15					
6TH	21.62									547.1	-14.9	-.2	3.1	-15.6
		146.2	-38.9	549	440	266.2	-88.3	4	16					
7TH	25.20									400.9	24.0	-.2	1.4	-13.1
		172.1	-11.2	573	585	300.2	-19.1	2	37					
8TH	28.55									228.8	35.1	-.1	.4	-6.6
		228.8	35.1	584	640	392.1	54.9	-4	28					
TOP	31.90									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 170 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00									1491.7	-77.5	1.1	25.5	-25.2
		169.9	-21.3	528	374	321.7	-56.8	1	6					
1ST	3.75									1321.8	-56.2	.8	20.2	-24.2
		154.2	-14.4	504	367	306.2	-39.3	1	6					
2ND	7.32									1167.6	-41.8	.7	15.8	-23.2
		146.9	-7.5	504	403	291.7	-18.6	0	7					
3RD	10.90									1020.7	-34.3	.5	11.9	-22.2
		149.7	2.1	539	434	277.9	4.8	-0	13					
4TH	14.47									871.1	-36.4	.4	8.5	-20.2
		151.1	1.4	549	440	275.1	3.1	-0	14					
5TH	18.05									720.0	-37.7	.3	5.6	-18.0
		148.8	-5.3	549	440	271.1	-12.0	1	15					
6TH	21.62									571.1	-32.4	.2	3.3	-15.8
		147.5	-12.0	549	440	268.5	-27.2	1	15					
7TH	25.20									423.7	-20.5	.1	1.6	-13.5
		172.7	-13.3	573	585	301.3	-22.8	3	37					
8TH	28.55									251.0	-7.1	.0	.4	-7.1
		251.0	-7.1	584	640	430.0	-11.1	1	28					
TOP	31.90									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
GRND	0.00									1558.0	132.0	-1.0	27.3	-21.5
1ST	3.75	165.5	23.4	528	374	313.3	62.5	-0	1	1392.6	108.6	-.5	21.8	-21.4
2ND	7.32	152.3	23.2	504	367	302.4	63.1	-0	0	1240.3	85.5	-.2	17.1	-21.3
3RD	10.90	148.8	26.2	504	403	295.4	64.9	-0	1	1091.5	59.3	.1	12.9	-21.2
4TH	14.47	155.6	26.1	539	434	288.8	60.0	-1	7	936.0	33.2	.3	9.3	-20.0
5TH	18.05	158.4	25.6	549	440	288.5	58.1	-2	9	777.6	7.7	.3	6.2	-18.5
6TH	21.62	155.1	24.9	549	440	282.4	56.6	-2	10	622.5	-17.3	.3	3.7	-17.0
7TH	25.20	151.9	24.2	549	440	276.7	55.0	-2	10	470.6	-41.5	.2	1.7	-15.5
8TH	28.55	185.0	-.8	573	585	322.8	-1.3	0	36	285.5	-40.7	.1	.5	-8.8
TOP	31.90	285.5	-40.7	584	640	489.3	-63.6	4	30	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 190 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00									1222.3	291.9	-4.3	21.3	-7.9
1ST	3.75	131.8	32.9	528	374	249.6	88.0	3	-10	1090.4	259.0	-3.3	17.0	-9.4
2ND	7.32	119.9	32.6	504	367	238.1	88.8	3	-10	970.5	226.3	-2.4	13.3	-10.7
3RD	10.90	116.2	35.1	504	403	230.7	86.9	3	-9	854.4	191.3	-1.7	10.0	-11.9
4TH	14.47	123.8	38.4	539	434	229.9	88.4	0	-1	730.5	152.9	-1.1	7.2	-12.0
5TH	18.05	127.2	40.1	549	440	231.7	91.1	-1	2	603.3	112.8	-.6	4.8	-11.8
6TH	21.62	122.0	40.3	549	440	222.2	91.6	-1	2	481.3	72.5	-.3	2.9	-11.5
7TH	25.20	118.8	40.6	549	440	216.4	92.1	-1	3	362.4	31.9	-.1	1.4	-11.1
8TH	28.55	138.1	25.7	573	585	240.9	44.0	-6	33	224.3	6.2	-.0	.4	-6.3
TOP	31.90	224.3	6.2	584	640	384.4	9.7	-1	28	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 200 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
GRND	0.00									954.9	350.3	-5.4	16.0	-6.5
1ST	3.75	121.4	39.0	528	374	229.7	104.3	4	-13	833.5	311.3	-4.2	12.7	-8.3
2ND	7.32	102.9	38.0	504	367	204.4	103.6	5	-12	730.6	273.3	-3.1	9.9	-9.7
3RD	10.90	90.7	41.4	504	403	180.0	102.7	5	-11	639.9	231.8	-2.2	7.4	-10.9
4TH	14.47	93.4	42.7	539	434	173.5	98.4	1	-1	546.5	189.1	-1.5	5.3	-11.1
5TH	18.05	96.6	44.0	549	440	175.9	99.9	-1	2	449.9	145.2	-.9	3.5	-10.8
6TH	21.62	93.1	44.6	549	440	169.6	101.3	-1	3	356.8	100.6	-.4	2.1	-10.5
7TH	25.20	90.7	45.2	549	440	165.3	102.7	-2	4	266.0	55.4	-.2	1.0	-10.0
8TH	28.55	103.2	32.4	573	585	180.1	55.4	-12	39	162.8	23.0	-.0	.3	-5.6
TOP	31.90	162.8	23.0	584	640	279.0	35.9	-5	34	0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 210 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00									424.2	273.5	-4.5	7.0	-11.3
1ST	3.75	68.7	28.0	528	374	130.1	74.9	5	-13	355.5	245.4	-3.5	5.5	-12.4
2ND	7.32	50.7	28.1	504	367	100.7	76.5	8	-14	304.8	217.3	-2.7	4.3	-13.3
3RD	10.90	35.0	30.6	504	403	69.4	75.9	10	-12	269.9	186.7	-2.0	3.3	-14.0
4TH	14.47	34.2	30.2	539	434	63.5	69.5	-8	9	235.6	156.5	-1.4	2.4	-13.4
5TH	18.05	36.9	30.9	549	440	67.2	70.1	-13	16	198.7	125.7	-.9	1.6	-12.5
6TH	21.62	36.9	31.8	549	440	67.3	72.2	-14	16	161.8	93.9	-.5	1.0	-11.4
7TH	25.20	38.2	32.8	549	440	69.6	74.4	-14	16	123.6	61.1	-.2	.5	-10.3
8TH	28.55	46.6	35.6	573	585	81.3	60.9	-47	62	77.0	25.5	-.0	.1	-5.7
TOP	31.90	77.0	25.5	584	640	132.0	39.8	-22	67	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
GRND	0.00									205.2	228.1	-2.3	3.4	-9.0
		47.5	37.8	528	374	89.9	101.0	12	-15					
1ST	3.75									157.8	190.4	-1.6	2.7	-10.2
		25.4	37.7	504	367	50.5	102.6	20	-13					
2ND	7.32									132.3	152.7	-.9	2.2	-11.3
		7.1	38.4	504	403	14.0	95.1	20	-4					
3RD	10.90									125.3	114.3	-.5	1.8	-12.1
		8.7	34.9	539	434	16.2	80.4	-8	2					
4TH	14.47									116.5	79.4	-.1	1.3	-11.8
		14.2	34.1	549	440	25.9	77.5	-15	6					
5TH	18.05									102.3	45.3	.1	.9	-11.2
		13.5	35.0	549	440	24.6	79.5	-17	7					
6TH	21.62									88.8	10.3	.2	.6	-10.5
		12.2	35.9	549	440	22.3	81.5	-18	6					
7TH	25.20									76.6	-25.6	.2	.3	-9.8
		24.1	12.6	573	585	42.1	21.5	-70	134					
8TH	28.55									52.5	-38.2	.1	.1	-5.7
		52.5	-38.2	584	640	89.9	-59.6	51	71					
TOP	31.90									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 230 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00									135.6	314.3	-2.7	2.0	-9.2
		41.0	57.2	528	374	77.6	152.9	10	-7					
1ST	3.75									94.7	257.1	-1.6	1.6	-10.1
		23.1	56.2	504	367	45.9	152.9	11	-5					
2ND	7.32									71.5	200.9	-.8	1.3	-10.8
		6.5	58.2	504	403	12.9	144.4	7	-1					
3RD	10.90									65.0	142.7	-.2	1.0	-11.2
		3.8	54.9	539	434	7.1	126.6	-11	1					
4TH	14.47									61.2	87.7	.2	.8	-10.6
		4.7	53.0	549	440	8.6	120.3	-16	1					
5TH	18.05									56.5	34.8	.5	.6	-9.8
		3.6	51.2	549	440	6.5	116.4	-17	1					
6TH	21.62									52.9	-16.5	.5	.4	-8.9
		3.6	49.5	549	440	6.6	112.5	-17	1					
7TH	25.20									49.3	-66.0	.3	.2	-8.0
		13.4	1.6	573	585	23.4	2.7	-33	278					
8TH	28.55									35.8	-67.6	.1	.1	-4.3
		35.8	-67.6	584	640	61.4	-105.6	49	26					
TOP	31.90									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 240 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
GRND	0.00									50.1	305.6	-3.6	-.4	-9.0
		58.7	46.2	528	374	111.1	123.5	9	-12					
1ST	3.75									-8.6	259.4	-2.5	-.5	-10.1
		28.4	44.7	504	367	56.5	121.6	14	-9					
2ND	7.32									-37.0	214.7	-1.6	-.4	-10.9
		3.1	46.0	504	403	6.3	114.0	12	-1					
3RD	10.90									-40.2	168.8	-1.0	-.3	-11.5
		-5.5	47.2	539	434	-10.2	108.7	-6	-1					
4TH	14.47									-34.7	121.6	-.4	-.1	-11.2
		-9.5	46.7	549	440	-17.3	106.0	-13	-3					
5TH	18.05									-25.2	74.9	-.1	-.0	-10.6
		-13.6	44.8	549	440	-24.8	101.7	-18	-5					
6TH	21.62									-11.6	30.1	.1	.0	-9.7
		-14.5	42.9	549	440	-26.5	97.3	-21	-7					
7TH	25.20									3.0	-12.7	.1	.0	-8.7
		-8.6	19.6	573	585	-15.0	33.5	-165	-73					
8TH	28.55									11.6	-32.3	.1	.0	-4.8
		11.6	-32.3	584	640	19.9	-50.4	132	47					
TOP	31.90									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 250 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00									-238.0	483.4	-6.8	-5.2	-12.6
		21.0	60.5	528	374	39.7	161.5	6	-2					
1ST	3.75									-258.9	423.0	-5.1	-4.2	-13.0
		-5.5	61.2	504	367	-11.0	166.5	4	0					
2ND	7.32									-253.4	361.8	-3.7	-3.3	-13.3
		-29.4	65.1	504	403	-58.3	161.4	-1	-1					
3RD	10.90									-224.1	296.7	-2.5	-2.5	-13.2
		-31.6	61.8	539	434	-58.7	142.5	-13	-7					
4TH	14.47									-192.4	234.9	-1.6	-1.7	-12.2
		-33.0	62.6	549	440	-60.1	142.2	-16	-9					
5TH	18.05									-159.4	172.2	-.8	-1.1	-10.9
		-39.6	65.2	549	440	-72.2	148.1	-16	-10					
6TH	21.62									-119.8	107.0	-.3	-.6	-9.4
		-43.8	67.8	549	440	-79.8	154.1	-16	-10					
7TH	25.20									-76.0	39.2	-.1	-.2	-7.9
		-43.4	37.2	573	585	-75.7	63.7	-42	-49					
8TH	28.55									-32.6	1.9	-.0	-.1	-4.2
		-32.6	1.9	584	640	-55.9	3.0	-8	-129					
TOP	31.96									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 260 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
GRND	0.00									-57.4	163.3	- 1	-1.8	-24.0
		22.4	32.7	528	374	42.3	87.3	-6	4					
1ST	3.75									-79.7	130.6	.4	-1 5	-23.7
		4.9	36.4	504	367	9.7	99.2	-10	1					
2ND	7.32									-84.6	94.2	.8	-1.2	-23.3
		-9.2	42.3	504	403	-18.2	105.0	-17	-4					
3RD	10.90									-75.4	51.9	1 1	-.9	-22.6
		-7.4	40 2	539	434	-13.7	92.5	-57	-10					
4TH	14.47									-68.1	11.7	1.2	-.7	-20.2
		-7.1	42.7	549	440	-12.9	96.9	-64	-11					
5TH	18.05									-61.0	-31.0	1 2	-.5	-17.4
		-12.1	47.4	549	440	-22.1	107.6	-57	-15					
6TH	21.62									-48.9	-78.3	1 0	- 3	-14.5
		-14.7	52.1	549	440	-26.8	118.3	-52	-15					
7TH	25.20									-34.1	-130.4	.6	-.1	-11.6
		-17.9	-19.6	573	585	-31 2	-33.6	155	-142					
8TH	28.55									-16.3	-110.8	.2	-.0	-6.0
		-16.3	-110.8	584	640	-27 9	-173.0	53	-8					
TOP	31.90									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 270 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00									-78.7	263.1	-3.2	-2.0	-27.1
1ST	3.75	8.6	35.6	528	374	16.3	95.3	-21	5	-87.4	227.5	-2.3	-1.7	-26.3
2ND	7.32	-2.8	39.7	504	367	-5.5	108.0	-23	-2	-84.6	187.8	-1.5	-1.4	-25.4
3RD	10.90	-9.1	45.2	504	403	-18.0	112.0	-27	-5	-75.6	142.6	-.9	-1.1	-24.1
4TH	14.47	-6.2	36.2	539	434	-11.6	83.4	-65	-11	-69.3	106.4	-.5	-.8	-21.7
5TH	18.05	-5.2	35.0	549	440	-9.5	79.4	-79	-12	-64.1	71.4	-.2	-.6	-18.9
6TH	21.62	-6.9	38.0	549	440	-12.5	86.2	-77	-14	-57.2	33.5	.0	-.4	-15.8
7TH	25.20	-7.0	41.0	549	440	-12.8	93.0	-76	-13	-50.2	-7.5	.1	-.2	-12.6
8TH	28.55	-19.6	8.9	573	585	-34.1	15.2	-115	-252	-30.6	-16.4	0	-.1	-6.7
TOP	31.90	-30.6	-16.4	584	640	-52.5	-25.6	91	-170	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 280 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
GRND	0.00									-702.3	-61.2	2.6	-13.5	-42.1
1ST	3.75	-48.7	15.8	528	374	-92.2	42.2	-14	-44	-653.6	-77.0	2.4	-11.0	-39.7
2ND	7.32	-55.0	18.8	504	367	-109.3	51.1	-13	-39	-598.6	-95.8	2.1	-8.7	-37.3
3RD	10.90	-60.1	18.7	504	403	-119.3	46.3	-12	-40	-538.5	-114.4	1.7	-6.7	-34.7
4TH	14.47	-66.5	-8.7	539	434	-123.5	-20.0	7	-57	-472.0	-105.7	1.3	-4.9	-30.8
5TH	18.05	-70.8	-14.3	549	440	-128.9	-32.5	12	-59	-401.3	-91.4	.9	-3.3	-26.5
6TH	21.62	-71.3	-7.0	549	440	-129.9	-15.8	6	-64	-329.9	-84.5	.6	-2.0	-21.9
7TH	25.20	-70.5	.4	549	440	-128.3	.9	-0	-69	-259.5	-84.9	.3	-1.0	-17.0
8TH	28.55	-102.6	-31.6	573	585	-179.0	-54.1	21	-69	-156.9	-53.3	.1	-.3	-9.2
TOP	31.90	-156.9	-53.3	584	640	-268.8	-83.2	18	-53	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00									-1096.8	-201.1	5.8	-19.9	-50.3
		-95.1	4.9	528	374	-180.0	13.0	-2	-36					
1ST	3.75									-1001.7	-206.0	5.0	-16.0	-46.9
		-98.5	8.6	504	367	-195.5	23.3	-3	-34					
2ND	7.32									-903.3	-214.6	4.3	-12.6	-43.5
		-104.6	8.8	504	403	-207.8	21.8	-3	-35					
3RD	10.90									-798.7	-223.3	3.5	-9.5	-39.8
		-106.6	-16.6	539	434	-198.0	-38.3	7	-47					
4TH	14.47									-692.0	-206.7	2.7	-6.9	-34.7
		-110.4	-19.5	549	440	-201.1	-44.3	9	-50					
5TH	18.05									-581.6	-187.2	2.0	-4.6	-29.1
		-115.1	-9.2	549	440	-209.6	-20.8	4	-52					
6TH	21.62									-466.5	-178.0	1.3	-2.7	-23.1
		-116.1	1.2	549	440	-211.5	2.7	-1	-54					
7TH	25.20									-350.4	-179.2	.7	-1.3	-16.8
		-145.6	-59.0	573	585	-254.0	-100.9	19	-47					
8TH	28.55									-204.8	-120.3	.2	-.3	-8.9
		-204.8	-120.3	584	640	-350.9	-187.8	19	-32					
TOP	31.90									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 300 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
GRND	0.00									-1587.8	-531.4	9.6	-27.1	-64.5
1ST	3.75	-165.3	-43.8	528	374	-312.9	-117.1	7	-26	-1422.5	-487.6	7.7	-21.5	-59.9
2ND	7.32	-158.3	-40.1	504	367	-314.3	-109.1	7	-26	-1264.2	-447.5	6.0	-16.7	-55.6
3RD	10.90	-156.1	-40.0	504	403	-310.0	-99.2	7	-29	-1108.1	-407.5	4.5	-12.5	-50.8
4TH	14.47	-158.4	-64.4	539	434	-294.1	-148.4	15	-37	-949.7	-343.1	3.2	-8.8	-43.9
5TH	18.05	-168.8	-68.7	549	440	-307.4	-155.9	16	-40	-780.9	-274.4	2.1	-5.7	-36.0
6TH	21.62	-182.6	-61.8	549	440	-332.6	-140.3	14	-41	-598.3	-212.6	1.2	-3.2	-27.6
7TH	25.20	-187.6	-54.9	549	440	-341.6	-124.7	13	-43	-410.7	-157.7	.5	-1.4	-18.8
8TH	28.55	-195.2	-78.4	573	585	-340.5	-134.1	17	-43	-215.5	-79.3	.1	-.4	-9.0
TOP	31.90	-215.5	-79.3	584	640	-369.3	-123.8	14	-37	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 310 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
GRND	0.00									-2755.7	-978.3	14.2	-46.5	-75.4
		-286.9	-113.3	528	374	-543.1	-302.7	6	-16					
1ST	3.75									-2468.8	-864.9	10.8	-36.7	-70.2
		-267.5	-105.5	504	367	-531.2	-287.1	6	-16					
2ND	7.32									-2201.3	-759.5	7.9	-28.4	-65.4
		-261.9	-106.9	504	403	-520.1	-265.1	7	-17					
3RD	10.90									-1939.4	-652.6	5.4	-21.0	-60.3
		-291.2	-137.9	539	434	-540.7	-317.8	11	-23					
4TH	14.47									-1648.1	-514.6	3.3	-14.5	-52.3
		-319.8	-146.3	549	440	-582.5	-332.1	11	-24					
5TH	18.05									-1328.3	-368.4	1.7	-9.2	-42.8
		-336.9	-142.1	549	440	-613.6	-322.7	10	-25					
6TH	21.62									-991.4	-226.3	.6	-5.1	-33.1
		-347.0	-138.0	549	440	-632.0	-313.2	10	-25					
7TH	25.20									-644.4	-88.3	.1	-2.2	-23.0
		-324.8	-111.9	573	585	-566.6	-191.5	11	-32					
8TH	28.55									-319.6	23.6	-.0	-.5	-11.4
		-319.6	23.6	584	640	-547.6	36.9	-3	-36					
TOP	31.96									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 320 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
GRND	0.00									-4471.0	-1002.5	15.1	-75.7	-50.5
1ST	3.75	-448.4	-119.3	528	374	-848.9	-318.7	1	-4	-4022.6	-883.2	11.6	-59.8	-48.7
2ND	7.32	-425.1	-113.0	504	367	-844.2	-307.6	1	-4	-3597.5	-770.2	8.6	-46.2	-47.0
3RD	10.90	-429.6	-115.2	504	403	-853.0	-285.7	1	-4	-3167.9	-655.0	6.1	-34.1	-45.0
4TH	14.47	-487.7	-133.4	528	434	-905.5	-307.2	2	-9	-2680.2	-527.6	4.0	-23.6	-40.5
5TH	18.05	-528.7	-133.8	549	440	-963.0	-303.8	2	-10	-2151.5	-387.8	2.4	-15.0	-35.0
6TH	21.62	-544.3	-123.6	549	440	-991.4	-280.7	2	-10	-1607.1	-264.2	1.2	-8.3	-29.3
7TH	25.20	-554.0	-113.5	549	440	-1008.9	-257.7	2	-10	-1053.2	-150.7	.4	-3.5	-23.5
8TH	28.55	-527.7	-92.2	573	585	-920.5	-157.7	3	-15	-525.5	-58.5	.1	-.9	-15.6
TOP	31.90	-525.5	-58.5	584	640	-900.4	-91.4	3	-29	.0	.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 330 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
GRND	0.00									-5276.0	-960.5	14.6	-87.8	-26.2
		-536.3	-115.2	528	374	-1015.3	-307.8	0	-0					
1ST	3.75									-4739.6	-845.4	11.2	-69.1	-26.2
		-519.5	-106.5	504	367	-1031.6	-289.8	-0	0					
2ND	7.32									-4220.2	-738.9	8.3	-53.1	-26.4
		-534.8	-108.3	504	403	-1062.1	-268.7	0	-0					
3RD	10.90									-3685.3	-630.6	5.9	-38.9	-26.4
		-593.7	-131.3	539	434	-1102.4	-302.4	0	-2					
4TH	14.47									-3091.6	-499.3	3.9	-26.8	-25.0
		-628.4	-130.7	549	440	-1144.5	-296.7	1	-4					
5TH	18.05									-2463.2	-368.7	2.3	-16.9	-22.7
		-640.6	-115.1	549	440	-1166.7	-261.3	1	-4					
6TH	21.62									-1822.6	-253.6	1.2	-9.2	-19.9
		-649.8	-99.5	549	440	-1183.4	-225.9	1	-5					
7TH	25.20									-1172.8	-154.1	.5	-3.9	-16.5
		-605.3	-84.9	573	585	-1055.9	-145.3	1	-8					
8TH	28.55									-567.5	-69.2	.1	-1.0	-11.4
		-567.5	-69.2	584	640	-972.4	-108.0	2	-20					
TOP	31.90									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
GRND	0.00									-6017.8	-568.5	7.0	-100.4	-16.0
1ST	3.75	-601.4	-75.3	529	374	-1138.5	-201.3	-0	0	-5416.4	-493.1	5.0	-79.0	-16.1
2ND	7.32	-589.2	-68.7	504	367	-1170.1	-187.1	-0	1	-4827.1	-424.4	3.4	-60.7	-16.4
3RD	10.90	-613.6	-72.7	504	403	-1218.5	-180.4	-0	0	-4213.5	-351.6	2.0	-44.5	-16.6
4TH	14.47	-678.1	-103.2	539	434	-1259.0	-237.8	0	-0	-3535.4	-248.4	.9	-30.6	-16.5
5TH	18.05	-715.3	-104.8	549	440	-1302.8	-238.1	0	-1	-2820.0	-143.6	.2	-19.3	-15.6
6TH	21.62	-734.7	-88.4	549	440	-1338.0	-200.8	0	-2	-2085.4	-55.1	-.2	-10.5	-13.7
7TH	25.20	-748.6	-72.0	549	440	-1363.3	-163.5	0	-4	-1336.8	16.9	-.2	-4.4	-10.9
8TH	28.55	-692.8	-42.4	573	585	-1208.5	-72.5	0	-5	-644.0	59.2	-.1	-1.1	-7.2
TOP	31.90	-644.0	59.2	584	640	-1103.5	92.5	-1	-11	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAIKOO SHING CITYPLAZA (BASE), HONG KONG
WIND DIRECTION 350 CONFIGURATION A REFERENCE PRESSURE 2170 PA GUST FACTOR 1.32

FLOOR	HEITHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00									-6356.2	-212.5	2.4	-105.8	-15.8
		-650.9	-27.4	522	374	-1232.2	-73.1	0	-0					
1ST	3.75									-5705.3	-185.1	1.6	-83.2	-15.6
		-630.1	-18.2	504	367	-1251.2	-49.6	0	-0					
2ND	7.32									-5075.2	-166.9	1.0	-63.9	-15.3
		-644.8	-19.0	504	403	-1280.5	-47.1	0	-1					
3RD	10.90									-4430.4	-147.9	.4	-46.9	-14.6
		-711.5	-55.7	539	434	-1321.0	-128.4	0	-0					
4TH	14.47									-3718.8	-92.2	0	-32.3	-14.3
		-749.3	-59.3	549	440	-1364.6	-134.7	0	-1					
5TH	18.05									-2969.5	-32.9	-.2	-20.4	-13.6
		-766.5	-42.1	549	440	-1395.9	-95.6	0	-2					
6TH	21.62									-2203.1	9.2	-.3	-11.1	-12.0
		-784.9	-24.9	549	440	-1429.4	-56.6	0	-3					
7TH	25.20									-1418.2	34.1	-.2	-4.7	-9.4
		-738.2	-1.7	573	585	-1287.8	-2.9	0	-3					
8TH	28.55									-680.0	35.8	-.1	-1.1	-7.3
		-680.0	35.8	584	640	-1165.2	56.0	-1	-11					
TOP	31.90									0.0	0.0	0.0	0.0	0.0

TABLE 7. TAIKOO SHING CITYPLAZA (BASE), HONG KONG
PROJECT 5040 CONFIGURATION A
SCALE = 250 REF. PRESSURE = 2170
GUST FACTOR = 1.32 STANDARD FLOOR HEIGHT = 3.57
NUMBER OF SIDES = 12 NO. OF FLOORS = 9

SIDE	ANGLE	Z-AXIS (CM)
1	0.0	28.174
2	90.0	21.834
3	180.0	28.174
4	270.0	21.834
5	0.0	28.174
6	0.0	-21.529
7	90.0	21.834
8	90.0	-15.431
9	180.0	28.174
10	180.0	-21.529
11	270.0	21.834
12	270.0	5.235

FLOOR #	LABEL	HEIGHT (M)
1	GRND	3.75
2	1ST	3.57
3	2ND	3.57
4	3RD	3.57
5	4TH	3.57
6	5TH	3.57
7	6TH	3.57
8	7TH	3.35
9	8TH	3.35

APPENDIX A

PRESSURE DATA

Note: Pressure coefficients are defined in Section 4.3.

Pressure tap designation is explained in Figure 3.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	101	-.211	.124	.205	-.758
0	102	-.159	.133	.327	-.749
0	103	-.288	.250	.487	-1.208
0	104	-.365	.262	.489	-1.240
0	105	.026	.219	.932	-.734
0	106	.088	.176	.721	-.415
0	107	.130	.191	.886	-.511
0	108	.173	.196	.848	-.538
0	109	.108	.202	.650	-1.020
0	110	.020	.178	.639	-.640
0	111	.009	.160	.491	-.768
0	112	-.069	.119	.350	-.415
0	113	-.112	.125	.369	-.606
0	114	-.122	.126	.287	-.493
0	115	-.101	.118	.416	-.511
0	116	-.036	.135	.425	-.486
0	117	.068	.152	.661	-.383
0	118	.093	.130	.512	-.299
0	119	.007	.125	.503	-.436
0	120	-.085	.114	.347	-.469
0	121	-.086	.118	.332	-.545
0	122	-.108	.130	.344	-.512
0	123	-.089	.141	.355	-.550
0	124	.045	.144	.585	-.478
0	125	.042	.166	.625	-.548
0	126	.143	.189	.944	-.503
0	127	.146	.176	.712	-.666
0	128	.111	.166	.726	-.374
0	129	.064	.182	.643	-.530
0	130	-.007	.180	.559	-.619
0	131	-.097	.122	.296	-.659
0	132	-.033	.138	.427	-.624
0	133	-.194	.289	.548	-1.088
0	134	-.234	.269	.700	-1.193
0	135	.072	.191	.596	-.408
0	136	.199	.162	.961	-.209
0	137	.319	.177	.855	-.297
0	138	.307	.180	.897	-.240
0	139	.308	.169	.752	-.475
0	140	.307	.164	.871	-.331
0	141	.279	.171	.858	-.191
0	142	.249	.152	.925	-.217
0	143	.187	.141	.667	-.170
0	144	.202	.140	.641	-.238
0	145	.153	.119	.614	-.177
0	146	.250	.147	.795	-.104
0	147	.175	.131	.614	-.340
0	148	.408	.182	1.241	-.106
0	149	.378	.158	1.004	-.116
0	150	.380	.158	.996	-.140
0	151	.388	.169	1.267	-.176
0	152	.199	.137	.727	-.165
0	153	.204	.120	.706	-.206
0	154	.177	.146	.799	-.221
0	155	.194	.129	.655	-.179
0	156	.201	.126	.757	-.242
0	157	.271	.136	.777	-.146
0	158	.268	.166	.840	-.332
0	159	.288	.178	.948	-.302
0	160	.339	.190	1.022	-.373
0	161	.306	.184	.945	-.386
0	162	.334	.178	1.083	-.203
0	163	.201	.214	1.205	-.404
0	164	.089	.191	.820	-.532
0	165	.057	.145	.634	-.374
0	166	-.050	.162	.662	-.579
0	167	-.008	.138	.669	-.400
0	168	.059	.125	.536	-.374
0	169	-.110	.124	.307	-.754
0	170	-.075	.142	.405	-.718
0	171	-.207	.269	.569	-1.111
0	172	-.244	.275	.696	-1.031
0	173	.017	.221	.757	-.650
0	174	.162	.193	.782	-.617
0	175	.278	.175	.899	-.208
0	176	.318	.161	.994	-.221
0	177	.301	.169	.941	-.456
0	178	.285	.163	.887	-.273
0	179	.301	.151	.849	-.382
0	180	.308	.132	.790	-.091
0	181	.281	.131	.712	-.106
0	182	.275	.136	.861	-.120
0	183	.230	.131	.835	-.235
0	184	.018	.132	.555	-.384
0	185	-.115	.135	.361	-.629
0	186	-.072	.138	.397	-.628
0	187	.039	.124	.591	-.324
0	188	.222	.128	.715	-.162
0	189	.265	.119	.721	-.095
0	190	.308	.134	.842	-.065
0	191	.334	.138	.897	-.108
0	192	.330	.156	.843	-.144
0	193	.300	.158	.872	-.186
0	194	.270	.215	.796	-.569
0	195	.319	.181	.906	-.577
0	196	.310	.170	.872	-.434
0	197	.150	.178	.896	-.299
0	198	-.019	.179	.688	-.578
0	199	.003	.109	.421	-.315
0	200	.070	.137	.691	-.487
0	201	.040	.122	.531	-.329
0	202	.243	.117	.697	-.227
0	203	-.171	.111	.215	-.653
0	204	-.136	.126	.393	-.643
0	205	-.260	.226	.373	-.985
0	206	-.286	.219	.575	-.873
0	207	-.021	.212	.853	-.599
0	208	.090	.165	.708	-.408
0	209	.239	.171	.779	-.343
0	210	.256	.180	.797	-.374
0	211	.198	.182	.772	-.603
0	212	.226	.142	.803	-.379
0	213	.308	.136	.782	-.168
0	214	.299	.114	.849	-.070
0	215	.285	.131	.810	-.208
0	216	.253	.118	.711	-.124
0	217	.207	.112	.594	-.191
0	218	.088	.103	.418	-.230
0	219	.024	.109	.456	-.356
0	220	.038	.117	.457	-.303
0	221	.235	.125	.667	-.221
0	222	.261	.121	.715	-.174
0	223	.062	.117	.460	-.319
0	224	.004	.106	.404	-.389
0	225	.182	.104	.557	-.199
0	226	.233	.110	.623	-.151
0	227	.281	.123	.761	-.102
0	228	.296	.123	.750	-.171
0	229	.293	.115	.660	-.070
0	230	.297	.137	.767	-.116
0	231	.278	.144	.723	-.181
0	232	.199	.190	.858	-.493
0	233	.227	.159	.791	-.564
0	234	.195	.154	.808	-.183
0	235	.080	.148	.550	-.370
0	236	-.040	.162	.603	-.506
0	237	.320	.138	.784	-.155
0	238	.296	.129	.788	-.133
0	239	.280	.123	.838	-.135
0	240	.274	.115	.750	-.085
0	241	.249	.111	.706	-.124
0	242	.257	.120	.712	-.096
0	243	.243	.107	.680	-.168
0	244	.249	.106	.636	-.054
0	245	.250	.113	.729	-.199
0	246	.292	.130	.820	-.073
0	247	.301	.127	.770	-.073
0	248	.292	.128	.861	-.213
0	249	.344	.135	.887	-.055
0	250	.271	.127	.870	-.155

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	251	.267	.120	.761	-.140	0	301	.249	.114	.659	-.078	0	439	-.197	.108	.170	-.585
0	252	.288	.122	.764	-.096	0	302	.266	.106	.623	-.127	0	440	-.182	.116	.167	-.755
0	253	.249	.120	.705	-.129	0	303	.261	.106	.664	-.079	0	441	-.195	.144	.267	-.926
0	254	.275	.128	.781	-.511	0	304	.258	.109	.669	-.096	0	442	-.096	.129	.409	-.637
0	255	.297	.118	.667	-.123	0	305	.267	.108	.638	-.111	0	443	-.034	.134	.530	-.407
0	256	.322	.126	.952	-.058	0	306	.260	.119	.669	-.156	0	444	-.040	.143	.752	-.478
0	257	.320	.120	.735	-.012	0	307	.235	.124	.741	-.247	0	445	-.047	.148	.614	-.539
0	258	.279	.123	.835	-.058	0	308	.236	.118	.732	-.134	0	446	-.122	.138	.545	-.636
0	259	.267	.118	.706	-.124	0	309	.227	.127	.675	-.221	0	447	-.210	.131	.395	-.770
0	260	.230	.104	.612	-.114	0	310	.150	.140	.656	-.256	0	448	-.394	.174	.108	-1.312
0	261	.242	.114	.659	-.169	0	311	.025	.131	.503	-.449	0	449	-.343	.162	.181	-1.098
0	262	.284	.122	.767	-.084	0	312	-.085	.153	.679	-.497	0	450	-.219	.116	.128	-.821
0	263	.251	.121	.692	-.294	0	401	-.391	.265	.331	-1.305	0	451	-.204	.109	.196	-.577
0	264	.236	.118	.656	-.148	0	402	-.299	.249	.324	-1.395	0	452	-.215	.105	.116	-.671
0	265	.275	.111	.624	-.058	0	403	-.192	.136	.300	-.966	0	453	-.391	.213	.463	-1.031
0	266	.307	.118	.730	-.034	0	404	-.226	.122	.247	-.658	0	454	-.338	.222	.442	-1.114
0	267	.316	.128	.697	-.035	0	405	-.249	.128	.089	-.760	0	455	-.158	.140	.215	-.860
0	268	.329	.126	.790	-.081	0	406	-.237	.123	.155	-1.013	0	456	-.168	.119	.292	-.763
0	269	.313	.122	.873	-.037	0	407	-.231	.129	.250	-.782	0	457	-.194	.112	.224	-.832
0	270	.282	.125	.749	-.161	0	408	-.203	.128	.253	-.966	0	458	-.191	.103	.156	-.631
0	271	.226	.126	.682	-.197	0	409	-.201	.134	.309	-.918	0	459	-.194	.116	.354	-.804
0	272	.154	.169	.632	-.716	0	410	-.195	.140	.230	-.871	0	460	-.209	.115	.164	-.821
0	273	.199	.132	.718	-.394	0	411	-.191	.133	.265	-1.055	0	461	-.203	.112	.184	-.869
0	274	.221	.133	.785	-.366	0	412	-.178	.126	.242	-.859	0	462	-.201	.105	.162	-.627
0	275	.264	.115	.675	-.233	0	413	-.173	.145	.288	-.981	0	463	-.201	.106	.156	-.721
0	276	.280	.119	.724	-.140	0	414	-.199	.176	.278	-1.830	0	464	-.203	.107	.141	-.619
0	277	.272	.104	.747	-.082	0	415	-.192	.173	.387	-.919	0	465	-.189	.104	.094	-.514
0	278	.258	.110	.656	-.108	0	416	-.114	.163	.537	-.772	0	466	-.138	.107	.367	-.471
0	279	.240	.126	.659	-.357	0	417	-.109	.174	.569	-.679	0	467	-.157	.114	.284	-.516
0	280	.182	.152	.635	-.520	0	418	-.083	.170	.581	-.652	0	468	-.054	.119	.617	-.429
0	281	.163	.151	.661	-.633	0	419	-.068	.170	.537	-.639	0	469	.045	.126	.622	-.342
0	282	.122	.186	.699	-.722	0	420	-.091	.146	.552	-.602	0	470	.032	.130	.525	-.304
0	283	.216	.120	.584	-.164	0	421	-.192	.138	.325	-.657	0	471	-.001	.133	.591	-.381
0	284	.231	.123	.716	-.245	0	422	-.355	.170	.116	-1.126	0	472	-.115	.142	.541	-.575
0	285	.249	.107	.656	-.070	0	423	-.286	.169	.250	-1.032	0	473	-.231	.139	.363	-.709
0	286	.249	.111	.600	-.113	0	424	-.197	.118	.190	-.739	0	474	-.432	.176	.054	-1.079
0	287	.248	.110	.626	-.170	0	425	-.179	.110	.193	-.661	0	475	-.363	.180	.162	-1.087
0	288	.252	.109	.594	-.103	0	426	-.187	.106	.139	-.639	0	476	-.226	.118	.196	-.833
0	289	.238	.109	.687	-.086	0	427	-.307	.221	.364	-.960	0	477	-.215	.108	.126	-.660
0	290	.229	.122	.821	-.218	0	428	-.284	.252	.388	-1.172	0	478	-.218	.099	.093	-.541
0	291	.214	.140	.795	-.247	0	429	-.090	.132	.337	-.773	0	479	-.413	.204	.193	-1.193
0	292	-.140	.119	.217	-.557	0	430	-.128	.112	.209	-.876	0	480	-.375	.191	.279	-1.179
0	293	-.112	.129	.272	-.707	0	431	-.182	.117	.161	-.826	0	481	-.197	.140	.238	-.761
0	294	-.223	.221	.669	-1.217	0	432	-.182	.115	.236	-.704	0	482	-.202	.116	.160	-.681
0	295	-.302	.180	.226	-.988	0	433	-.190	.114	.149	-.769	0	483	-.225	.117	.111	-.700
0	296	-.035	.142	.707	-.501	0	434	-.191	.114	.153	-1.001	0	484	-.222	.111	.156	-.764
0	297	.050	.130	.472	-.415	0	435	-.173	.121	.310	-1.004	0	485	-.219	.112	.090	-.699
0	298	.201	.137	.787	-.208	0	436	-.184	.114	.152	-.570	0	486	-.242	.119	.175	-.681
0	299	.237	.121	.627	-.133	0	437	-.195	.115	.159	-.628	0	487	-.241	.119	.165	-.766
0	300	.251	.114	.672	-.059	0	438	-.201	.108	.150	-.559	0	488	-.235	.113	.156	-.936

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	489	-.237	.110	.132	-.688
0	490	-.219	.115	.192	-.699
0	491	-.185	.102	.215	-.510
0	492	-.114	.110	.246	-.522
0	493	-.168	.118	.394	-.541
0	494	-.048	.116	.385	-.423
0	495	.052	.127	.500	-.401
0	496	.052	.131	.620	-.354
0	497	.040	.150	.839	-.401
0	498	-.131	.125	.404	-.618
0	499	-.254	.127	.199	-.692
0	500	-.395	.146	.078	-1.121
0	501	-.386	.159	.101	-1.247
0	502	-.238	.122	.157	-.805
0	503	-.219	.103	.231	-.563
0	504	-.231	.102	.121	-.580
0	505	-.222	.114	.157	-.635
0	506	-.240	.115	.079	-.632
0	507	-.205	.116	.369	-.642
0	508	-.097	.125	.475	-.589
0	509	-.037	.131	.427	-.518
0	510	-.025	.125	.496	-.600
0	511	-.000	.128	.440	-.391
0	512	.025	.140	.532	-.437
0	513	-.225	.109	.164	-.560
0	514	-.225	.107	.156	-.699
0	515	-.210	.107	.108	-.592
0	516	-.120	.134	.390	-.557
0	517	-.057	.118	.486	-.468
0	518	-.018	.116	.439	-.501
0	519	-.002	.121	.418	-.377
0	520	.014	.117	.518	-.346
0	521	-.224	.118	.132	-.616
0	522	-.206	.106	.194	-.603
0	523	-.224	.069	-.025	-.451
0	524	.059	.117	.527	-.273
0	525	-.014	.119	.365	-.478
0	526	-.093	.101	.271	-.469
0	527	-.228	.114	.247	-.682
0	528	-.216	.121	.242	-.616
0	529	-.135	.109	.191	-.477
0	530	-.057	.111	.348	-.429
0	531	-.049	.104	.297	-.406
0	532	-.010	.112	.336	-.347
0	533	-.201	.108	.176	-.617
0	534	-.243	.094	.024	-.555
0	535	-.198	.081	.098	-.440
0	536	-.173	.072	.092	-.404
0	537	-.196	.085	.134	-.488
0	538	-.313	.171	.339	-1.088
0	539	-.236	.168	.256	-.829
0	540	-.146	.129	.282	-.700
0	541	-.153	.098	.139	-.600
0	542	-.191	.126	.196	-.628
0	543	-.185	.114	.341	-.651
0	544	-.178	.113	.148	-.636
0	545	-.186	.117	.206	-.630
0	546	-.200	.123	.328	-.756
0	547	-.125	.103	.257	-.472
0	548	-.107	.105	.239	-.457
0	549	-.018	.122	.547	-.390
0	550	-.001	.112	.516	-.336
0	551	-.184	.115	.120	-.625
0	552	-.162	.105	.139	-.488
0	553	-.120	.101	.216	-.452
0	554	-.210	.092	.130	-.651
0	555	-.179	.092	.216	-.482
0	556	-.152	.096	.147	-.448
0	557	-.153	.093	.188	-.489
0	558	-.278	.332	1.034	-1.451
0	559	-.223	.316	.609	-1.312
0	560	-.102	.104	.222	-.607
0	561	-.201	.110	.131	-.642
0	562	-.238	.108	.078	-.614
0	563	-.363	.184	.239	-.927
0	564	-.303	.196	.267	-1.003
0	565	-.119	.112	.258	-.594
0	566	-.174	.099	.272	-.510
0	567	-.186	.099	.144	-.563
0	568	-.379	.150	.433	-1.052
0	569	-.377	.152	.210	-.904
0	570	-.144	.113	.193	-.718
0	571	-.162	.097	.170	-.553
0	572	-.158	.106	.178	-.539
0	573	-.346	.175	.192	-1.511
0	574	-.271	.136	.352	-.859
0	575	-.179	.130	.266	-.640
0	576	-.099	.108	.266	-.474
0	577	-.143	.109	.330	-.530
0	578	-.113	.106	.213	-.465
0	579	-.112	.101	.210	-.426
0	580	-.164	.117	.232	-.531
0	581	.047	.124	.577	-.354
0	582	.240	.126	.749	-.115
0	583	.232	.122	.712	-.137
0	584	.267	.145	.840	-.197
0	601	-.234	.118	.122	-.747
0	602	-.229	.105	.115	-.637
0	603	-.215	.107	.125	-.624
0	604	-.217	.118	.205	-.747
0	605	-.205	.103	.273	-.543
0	606	-.202	.098	.116	-.542
0	607	-.196	.103	.135	-.597
0	608	-.205	.101	.187	-.582
0	609	-.198	.104	.125	-.633
0	610	-.202	.099	.136	-.725
0	611	-.193	.103	.172	-.563
0	612	-.195	.101	.115	-.642
0	613	-.199	.107	.122	-.667
0	614	-.224	.112	.133	-.636
0	615	-.238	.107	.108	-.654
0	616	-.265	.111	.084	-.698
0	617	-.254	.105	.129	-.597
0	618	-.285	.119	.106	-.836
0	619	-.250	.104	.093	-.656
0	620	-.228	.106	.140	-.643
0	621	-.199	.104	.197	-.513
0	622	-.179	.114	.200	-.572
0	623	-.191	.101	.254	-.550
0	624	-.201	.101	.109	-.538
0	625	-.209	.104	.172	-.693
0	626	-.213	.099	.157	-.552
0	627	-.213	.105	.081	-.611
0	628	-.203	.109	.268	-.559
0	629	-.211	.108	.152	-.626
0	630	-.209	.103	.097	-.563
0	631	-.223	.111	.105	-.836
0	632	-.226	.113	.101	-.650
0	633	-.225	.112	.150	-.825
0	634	-.225	.109	.150	-.635
0	635	-.222	.121	.143	-.633
0	636	-.208	.111	.122	-.573
0	637	-.214	.102	.119	-.624
0	638	-.210	.106	.215	-.543
0	639	-.210	.108	.125	-.561
0	640	-.212	.108	.108	-.657
0	641	-.203	.113	.206	-.571
0	642	-.202	.105	.131	-.590
0	643	-.214	.093	.093	-.550
0	644	-.233	.099	.091	-.595
0	645	-.245	.096	.027	-.566
0	646	-.268	.101	.074	-.757
0	647	-.288	.116	.029	-.755
0	648	-.351	.147	.057	-1.100
0	649	-.288	.118	.120	-.822
0	650	-.274	.112	.140	-.756
0	651	-.292	.144	.154	-1.119
0	652	-.277	.115	.079	-.742
0	653	-.250	.110	.100	-.624
0	654	-.208	.107	.166	-.634

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	655	-.198	.106	.131	-.531	0	705	-.206	.105	.129	-.586	0	755	-.101	.105	.231	-.515
0	656	-.190	.105	.123	-.613	0	706	-.191	.097	.136	-.503	0	756	-.091	.108	.256	-.437
0	657	-.191	.097	.145	-.554	0	707	-.194	.106	.124	-.571	0	757	-.079	.104	.260	-.434
0	658	-.203	.100	.127	-.515	0	708	-.202	.109	.113	-.536	0	758	-.116	.103	.211	-.504
0	659	-.211	.098	.102	-.527	0	709	-.272	.118	.096	-.775	0	759	-.127	.093	.257	-.428
0	660	-.215	.097	.131	-.567	0	710	-.293	.123	.096	-.873	0	760	-.170	.096	.122	-.461
0	661	-.216	.106	.100	-.592	0	711	-.276	.131	.132	-.682	0	761	-.160	.103	.172	-.571
0	662	-.212	.102	.093	-.558	0	712	-.264	.126	.129	-.794	0	762	-.169	.104	.273	-.482
0	663	-.213	.108	.150	-.636	0	713	-.247	.121	.129	-.751	0	763	-.131	.109	.245	-.489
0	664	-.213	.115	.120	-.824	0	714	-.209	.103	.102	-.588	0	764	-.120	.105	.278	-.498
0	665	-.227	.104	.136	-.585	0	715	-.195	.105	.157	-.555	0	765	-.135	.096	.205	-.455
0	666	-.229	.111	.105	-.602	0	716	-.172	.100	.223	-.511	0	766	-.156	.100	.219	-.461
0	667	-.194	.110	.159	-.627	0	717	-.156	.102	.211	-.563	0	767	-.156	.101	.236	-.496
0	668	-.188	.101	.225	-.536	0	718	-.199	.103	.210	-.594	0	768	-.234	.104	.118	-.619
0	669	-.235	.104	.112	-.650	0	719	-.218	.101	.070	-.543	0	769	-.223	.108	.077	-.631
0	670	-.231	.104	.160	-.645	0	720	-.225	.095	.102	-.517	0	770	-.203	.094	.085	-.534
0	671	-.239	.112	.113	-.616	0	721	-.231	.097	.113	-.524	0	771	-.202	.106	.200	-.630
0	672	-.228	.108	.122	-.707	0	722	-.218	.098	.127	-.514	0	772	-.198	.102	.160	-.577
0	673	-.219	.111	.172	-.585	0	723	-.212	.097	.199	-.543	0	773	-.197	.103	.103	-.571
0	674	-.219	.102	.110	-.569	0	724	-.220	.098	.094	-.689	0	774	-.206	.099	.144	-.538
0	675	-.207	.106	.138	-.614	0	725	-.198	.107	.125	-.532	0	775	-.211	.109	.287	-.571
0	676	-.215	.103	.191	-.521	0	726	-.205	.102	.105	-.642	0	776	-.213	.103	.134	-.543
0	677	-.218	.108	.148	-.559	0	727	-.204	.103	.146	-.527	0	777	-.192	.102	.204	-.506
0	678	-.207	.097	.156	-.545	0	728	-.190	.111	.148	-.545	0	778	-.179	.101	.201	-.496
0	679	-.208	.097	.110	-.554	0	729	-.180	.108	.322	-.524	0	779	-.156	.089	.179	-.470
0	680	-.204	.099	.091	-.578	0	730	-.198	.103	.210	-.552	0	780	-.157	.106	.179	-.544
0	681	-.209	.095	.117	-.521	0	731	-.189	.098	.137	-.508	0	781	-.184	.107	.160	-.554
0	682	-.244	.109	.139	-.635	0	732	-.166	.099	.145	-.520	0	782	-.109	.106	.330	-.441
0	683	-.245	.102	.098	-.586	0	733	-.244	.108	.170	-.639	0	783	-.103	.108	.270	-.484
0	684	-.249	.109	.095	-.617	0	734	-.248	.105	.168	-.567	0	784	-.094	.109	.275	-.470
0	685	-.236	.104	.103	-.640	0	735	-.222	.111	.118	-.605	0	785	-.125	.103	.234	-.510
0	686	-.178	.110	.179	-.540	0	736	-.227	.095	.077	-.555	0	786	-.152	.106	.234	-.536
0	687	-.165	.113	.197	-.513	0	737	-.196	.095	.136	-.518	0	787	-.145	.102	.246	-.463
0	688	-.199	.106	.174	-.690	0	738	-.199	.101	.106	-.551	0	788	-.138	.096	.172	-.445
0	689	-.179	.101	.149	-.522	0	739	-.191	.090	.174	-.475	0	789	-.157	.110	.194	-.548
0	690	-.189	.106	.113	-.613	0	740	-.165	.103	.129	-.602	0	790	-.185	.096	.104	-.527
0	691	-.205	.099	.077	-.540	0	741	-.158	.106	.139	-.579	0	791	-.188	.096	.119	-.527
0	692	-.219	.103	.123	-.627	0	742	-.153	.098	.265	-.531	0	792	-.200	.100	.128	-.563
0	693	-.212	.115	.325	-.590	0	743	-.159	.099	.137	-.511	0	793	-.210	.106	.108	-.583
0	694	-.226	.111	.122	-.668	0	744	-.191	.098	.136	-.547	0	794	-.184	.090	.149	-.548
0	695	-.240	.101	.116	-.579	0	745	-.171	.098	.173	-.463	0	795	-.184	.102	.160	-.574
0	696	-.229	.113	.140	-.636	0	746	-.218	.106	.129	-.602	0	796	-.195	.105	.113	-.516
0	697	-.218	.112	.166	-.636	0	747	-.163	.101	.181	-.531	0	797	-.164	.103	.228	-.492
0	698	-.219	.113	.154	-.634	0	748	-.136	.112	.243	-.657	0	798	-.168	.114	.185	-.623
0	699	-.217	.108	.287	-.561	0	749	-.159	.101	.190	-.565	0	799	-.173	.105	.144	-.503
0	700	-.207	.097	.081	-.483	0	750	-.122	.101	.226	-.500	0	800	-.174	.098	.137	-.575
0	701	-.206	.103	.176	-.513	0	751	-.123	.094	.180	-.435	0	801	-.138	.100	.194	-.484
0	702	-.208	.100	.205	-.522	0	752	-.206	.104	.179	-.575	0	802	-.132	.105	.208	-.515
0	703	-.212	.093	.129	-.515	0	753	-.152	.100	.184	-.536	0	803	-.129	.102	.167	-.548
0	704	-.206	.107	.186	-.623	0	754	-.127	.109	.221	-.515	0	804	-.093	.090	.236	-.352

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	805	-.128	.088	.196	-.428
0	806	-.155	.084	.146	-.448
0	807	-.146	.085	.163	-.466
0	808	-.141	.086	.173	-.437
0	809	-.137	.090	.157	-.437
0	901	-.222	.117	.192	-.637
0	902	-.222	.102	.102	-.706
0	903	-.251	.120	.167	-.717
0	904	-.265	.131	.158	-.887
0	905	-.202	.121	.181	-.772
0	906	-.184	.118	.354	-.871
0	907	-.159	.124	.356	-.853
0	908	-.177	.151	.322	-.865
0	909	-.183	.148	.338	-.953
0	910	-.104	.152	.538	-.573
0	911	-.092	.152	.520	-.665
0	912	-.098	.171	.743	-.701
0	913	-.129	.175	.631	-.947
0	914	-.154	.183	.538	-1.220
0	915	-.185	.180	.425	-1.125
0	916	-.244	.208	.529	-1.912
0	917	-.209	.241	.413	-2.642
0	918	-.172	.136	.288	-.840
0	919	-.197	.154	.320	-.935
0	920	-.186	.135	.427	-.733
0	921	-.183	.128	.338	-.749
0	922	-.201	.148	.302	-1.184
0	923	-.192	.130	.306	-.806
0	924	-.225	.142	.183	-.881
0	925	-.251	.138	.128	-.828
0	926	-.243	.140	.131	-1.133
0	927	-.231	.114	.151	-.644
0	928	-.232	.123	.110	-1.015
0	929	-.276	.130	.094	-.787
0	930	-.254	.123	.090	-.899
0	931	-.189	.113	.185	-.642
0	932	-.161	.122	.233	-.698
0	933	-.103	.132	.475	-.680
0	934	-.086	.165	.584	-.926
0	935	-.118	.179	.508	-.874
0	936	-.067	.156	.483	-.546
0	937	-.047	.152	.695	-.653
0	938	-.050	.147	.627	-.493
0	939	-.100	.133	.424	-.690
0	940	-.093	.133	.372	-.708
0	941	-.148	.157	.472	-1.122
0	942	-.208	.168	.299	-1.243
0	943	-.139	.132	.260	-.708
0	944	-.181	.117	.258	-.600
0	945	-.179	.109	.165	-.689
0	946	-.160	.110	.379	-.555
0	947	-.162	.120	.251	-.689
0	948	-.171	.132	.296	-1.071
0	949	-.166	.116	.195	-.673
0	950	-.156	.121	.183	-.830
0	951	-.160	.136	.239	-.990
0	952	-.148	.111	.275	-.537
0	953	-.239	.117	.188	-.729
0	954	-.247	.117	.134	-.793
0	955	-.246	.111	.125	-.869
0	956	-.246	.125	.183	-1.093
0	957	-.169	.113	.340	-.537
0	958	-.129	.111	.327	-.526
0	959	-.038	.122	.419	-.480
0	960	.016	.148	.565	-.646
0	961	.031	.153	.587	-.676
0	962	.088	.154	.673	-.478
0	963	.093	.151	.690	-.369
0	964	.008	.130	.509	-.431
0	965	-.047	.130	.612	-.494
0	966	-.011	.104	.368	-.381
0	967	-.146	.101	.206	-.492
0	968	-.195	.104	.165	-.528
0	969	-.109	.106	.226	-.572
0	970	-.164	.098	.233	-.498
0	971	-.177	.109	.152	-.595
0	972	-.161	.109	.220	-.638
0	973	-.156	.108	.224	-.564
0	974	-.159	.119	.219	-.723
0	975	-.163	.120	.211	-.559
0	976	-.150	.116	.226	-.967
0	977	-.160	.127	.235	-.909
0	978	-.150	.125	.260	-.846
0	979	-.260	.126	.161	-.940
0	980	-.262	.121	.087	-.815
0	981	-.290	.138	.092	-1.037
0	982	-.295	.139	.082	-.878
0	983	-.211	.110	.134	-.590
0	984	-.132	.120	.450	-.586
0	985	-.043	.118	.352	-.434
0	986	.030	.127	.516	-.462
0	987	-.003	.193	.693	-.950
0	988	.132	.145	.729	-.398
0	989	.139	.154	.670	-.368
0	990	.081	.145	.709	-.404
0	991	-.052	.128	.428	-.501
0	992	.010	.116	.547	-.359
0	993	-.135	.102	.176	-.542
0	994	-.190	.098	.102	-.578
0	995	-.099	.106	.261	-.422
0	996	-.145	.100	.143	-.521
0	997	-.201	.101	.105	-.748
0	998	-.200	.119	.163	-.638
0	999	-.191	.115	.210	-.702
0	1000	-.202	.118	.204	-.675
0	1001	-.193	.113	.207	-.632
0	1002	-.197	.119	.257	-.650
0	1003	-.197	.128	.176	-.817
0	1004	-.191	.135	.167	-.956
0	1005	.112	.133	.687	-.319
0	1006	.052	.126	.483	-.363
0	1007	-.092	.120	.413	-.482
0	1008	-.175	.117	.319	-.662
0	1009	-.194	.109	.275	-.641
0	1010	-.216	.111	.099	-.630
0	1011	-.213	.105	.087	-.640
0	1012	.000	.117	.409	-.319
0	1013	-.037	.118	.547	-.439
0	1014	-.133	.106	.333	-.521
0	1015	-.190	.119	.387	-.550
0	1016	-.193	.106	.138	-.600
0	1017	-.207	.110	.204	-.597
0	1018	-.206	.108	.172	-.544
0	1019	-.201	.097	.131	-.555
0	1020	-.204	.109	.156	-.655
0	1021	-.252	.126	.155	-.752
0	1022	-.293	.134	.114	-1.018
0	1023	-.184	.103	.222	-.599
0	1024	-.166	.105	.205	-.536
0	1025	-.081	.121	.442	-.507
0	1026	-.032	.129	.384	-.757
0	1027	.035	.126	.492	-.321
0	1028	-.185	.105	.169	-.532
0	1029	-.201	.115	.147	-.874
0	1030	-.195	.113	.204	-.612
0	1031	.141	.129	.647	-.252
0	1032	.036	.112	.406	-.398
0	1033	-.023	.129	.412	-.626
0	1034	-.162	.122	.254	-.749
0	1035	-.154	.115	.245	-.697
0	1036	-.145	.107	.231	-.507
0	1037	-.216	.130	.143	-.740
0	1038	-.144	.131	.486	-.630
0	1039	-.122	.099	.196	-.433
0	1040	-.105	.097	.188	-.454
0	1041	-.088	.102	.217	-.438
0	1042	-.121	.118	.297	-.494
0	1043	-.011	.097	.284	-.324
0	1044	.091	.110	.472	-.313
0	1045	-.078	.131	.348	-.426

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	1046	-.132	.106	.222	-.511
0	1047	-.133	.120	.237	-.607
0	1048	-.110	.106	.266	-.464
0	1049	-.137	.092	.182	-.449
0	1050	-.145	.096	.148	-.432
0	1051	-.142	.107	.205	-.748
0	1052	-.173	.104	.227	-.571
0	1053	-.209	.122	.167	-.666
0	1054	-.201	.120	.143	-.744
0	1055	-.228	.107	.120	-.606
0	1056	-.189	.107	.188	-.587
0	1057	-.096	.106	.331	-.588
0	1058	-.181	.263	.595	-1.037
0	1059	-.187	.269	.706	-1.150
0	1060	-.201	.094	.143	-.489
0	1061	-.177	.094	.159	-.517
0	1062	-.112	.118	.313	-.745
0	1063	-.305	.193	.307	-1.001
0	1064	-.299	.171	.306	-.975
0	1065	-.213	.101	.093	-.608
0	1066	-.196	.101	.131	-.608
0	1067	-.143	.121	.205	-.755
0	1068	-.318	.154	.333	-.807
0	1069	-.333	.135	.128	-.795
0	1070	-.139	.092	.161	-.478
0	1071	-.086	.104	.298	-.407
0	1072	-.143	.142	.310	-.639
0	1073	-.217	.126	.193	-.644
0	1074	-.277	.126	.129	-.636
0	1075	.032	.107	.399	-.276
0	1076	-.153	.118	.242	-.565
0	1077	-.079	.090	.229	-.406
0	1078	-.068	.105	.271	-.587
0	1079	.248	.114	.590	-.080
0	1080	.222	.119	.696	-.124
0	1081	.220	.110	.681	-.241
0	1201	.203	.127	.671	-.175
0	1202	.180	.122	.576	-.209
0	1203	-.156	.102	.182	-.508
0	1204	-.064	.108	.215	-.369
0	1205	.052	.104	.342	-.253
0	1206	-.058	.100	.280	-.379
0	1207	-.180	.092	.185	-.429
0	1208	-.172	.095	.144	-.470
0	1209	-.170	.096	.199	-.510
0	1210	-.162	.095	.139	-.503
0	1211	-.086	.104	.225	-.515
0	1212	-.140	.091	.137	-.432
0	1213	-.155	.102	.206	-.532
0	1214	-.156	.099	.177	-.513
0	1215	-.163	.098	.158	-.517
0	1216	-.180	.119	.290	-.627
0	1217	-.027	.102	.294	-.381
0	1218	-.179	.102	.189	-.488
0	1219	-.198	.302	.562	-1.275
0	1220	-.137	.301	.791	-1.116
0	1221	-.096	.092	.265	-.367
0	1222	-.212	.097	.081	-.722
0	1223	-.221	.100	.125	-.633
0	1224	-.092	.109	.272	-.449
0	1301	-.028	.120	.361	-.498
0	1302	-.036	.101	.282	-.352
0	1303	-.080	.118	.356	-.531
0	1304	-.024	.138	.402	-.519
0	1305	-.011	.122	.455	-.400
0	1306	-.010	.122	.450	-.473
0	1401	.278	.140	.765	-.139
0	1402	.241	.119	.700	-.134
0	1403	.238	.119	.645	-.174
0	1404	.251	.113	.633	-.124
0	1405	.273	.127	.718	-.093
0	1406	.313	.141	.899	-.174
0	1407	.308	.143	.822	-.064
0	1408	.227	.165	.813	-.311
0	1409	.218	.117	.667	-.206
0	1410	.226	.121	.595	-.132
0	1411	.219	.172	.883	-.358
0	1412	.202	.108	.679	-.179
0	1413	.201	.116	.574	-.253
0	1414	.233	.121	.586	-.179
0	1415	.134	.122	.504	-.266
0	1416	.181	.110	.651	-.168
0	1417	.264	.130	.899	-.093
0	1418	.172	.114	.691	-.251
0	1419	-.314	.126	.084	-.816
0	1420	-.285	.133	.172	-.791
0	1421	-.215	.107	.108	-.634
0	1422	-.188	.124	.263	-.633
0	1423	-.230	.102	.095	-.581
0	1424	-.196	.089	.088	-.531
0	1425	-.201	.127	.265	-.681
0	1426	-.229	.116	.172	-.612
0	1427	-.208	.118	.167	-.639
0	1428	-.199	.117	.191	-.603
0	1429	-.086	.146	.395	-.615
0	1430	-.866	.291	-.139	-2.539
0	1431	-.345	.238	.315	-1.413
0	1432	-.208	.151	.244	-1.217
0	1433	-.160	.139	.220	-.871
0	1434	-.155	.163	.462	-1.043
0	1435	-.158	.098	.256	-.465
0	1436	-.205	.108	.174	-.751
0	1437	-.099	.167	.457	-.880
0	1438	-.263	.165	.277	-1.228
0	1439	-.664	.239	.013	-1.671
0	1440	-.136	.112	.267	-.549
0	1441	-.202	.113	.217	-.579
0	1442	.011	.124	.544	-.366
0	1443	-.146	.131	.294	-.691
0	1444	-.602	.220	.076	-1.544
0	1445	-.233	.216	.556	-1.662
0	1446	-.259	.147	.190	-.800
0	1447	-.143	.118	.266	-.753
0	1448	-.415	.174	.104	-1.159
0	1449	-.372	.146	.210	-.918
0	1450	-.178	.152	.405	-.879
0	1451	-.344	.132	.045	-.911
0	1452	-.325	.114	.119	-.830
0	1453	-.259	.117	.081	-.772
0	1454	-.284	.106	.059	-.892
0	1455	-.377	.137	.045	-.962
0	1456	-.348	.123	.054	-.837
0	1457	-.178	.118	.230	-.532
0	1458	-.603	.164	-.047	-1.115
0	1459	-.214	.169	.307	-.882
0	1460	-.206	.177	.325	-1.161
0	1461	-.118	.110	.226	-.564
0	1462	-.623	.200	-.065	-1.357
0	1463	-.110	.097	.248	-.362
0	1464	-.080	.115	.351	-.433
0	1465	.088	.107	.578	-.241
0	1466	-.094	.112	.277	-.484
0	1467	-.089	.144	.334	-.722
0	1468	-.149	.098	.188	-.472
0	1469	-.122	.122	.330	-.636
0	1470	.055	.114	.497	-.567
0	1471	-.263	.154	.253	-1.056
0	1472	-.721	.260	.026	-2.010
0	1473	-.360	.232	.301	-1.530
0	1474	-.192	.136	.217	-.831
0	1475	-.130	.116	.265	-.662
0	1476	-.187	.108	.167	-.627
0	1477	-.123	.120	.229	-.715
0	1478	-.014	.101	.405	-.369
10	101	-.179	.123	.363	-.605
10	102	-.097	.140	.428	-.926
10	103	-.093	.217	.466	-1.093
10	104	-.196	.262	.665	-1.003
10	105	.123	.189	.828	-.467
10	106	.130	.178	.777	-.426

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	107	.149	.183	.905	-.362	10	157	.316	.164	.853	-.217	10	207	.116	.192	.831	-.474
10	108	.131	.167	.759	-.380	10	158	.309	.186	.998	-.253	10	208	.197	.167	.817	-.259
10	109	.144	.160	.847	-.429	10	159	.307	.191	.865	-.332	10	209	.287	.152	.820	-.202
10	110	-.071	.175	.432	-.668	10	160	.266	.235	.969	-.572	10	210	.279	.154	.730	-.314
10	111	-.046	.168	.415	-.817	10	161	.244	.213	.961	-.570	10	211	.282	.155	.780	-.387
10	112	-.105	.094	.279	-.406	10	162	.269	.178	.871	-.268	10	212	.290	.132	.785	-.140
10	113	-.138	.113	.285	-.562	10	163	.087	.168	.681	-.411	10	213	.287	.149	.840	-.199
10	114	-.139	.114	.297	-.525	10	164	-.027	.167	.521	-.626	10	214	.326	.138	.902	-.060
10	115	-.137	.125	.353	-.587	10	165	.020	.108	.366	-.365	10	215	.249	.136	.744	-.260
10	116	-.067	.143	.486	-.477	10	166	-.079	.136	.525	-.441	10	216	.259	.132	.763	-.212
10	117	.041	.143	.561	-.370	10	167	-.002	.139	.506	-.444	10	217	.206	.122	.812	-.153
10	118	.117	.123	.572	-.274	10	168	.119	.131	.627	-.257	10	218	.099	.112	.488	-.254
10	119	.031	.122	.753	-.417	10	169	-.077	.120	.335	-.677	10	219	.028	.100	.374	-.281
10	120	-.037	.109	.423	-.347	10	170	.016	.125	.479	-.428	10	220	.047	.110	.507	-.297
10	121	-.022	.122	.485	-.459	10	171	-.014	.245	.678	-.886	10	221	.216	.115	.618	-.094
10	122	-.030	.123	.382	-.405	10	172	-.043	.255	.714	-.769	10	222	.256	.131	.754	-.161
10	123	.000	.136	.597	-.454	10	173	.185	.223	1.064	-.413	10	223	.065	.121	.501	-.321
10	124	.129	.151	.648	-.327	10	174	.240	.168	.770	-.234	10	224	.024	.098	.348	-.291
10	125	.121	.165	.653	-.357	10	175	.344	.163	.960	-.101	10	225	.199	.110	.655	-.233
10	126	.153	.222	.908	-.786	10	176	.357	.156	.878	-.098	10	226	.275	.124	.726	-.125
10	127	.124	.188	.808	-.668	10	177	.341	.148	.858	-.259	10	227	.308	.123	.733	-.094
10	128	.095	.166	.672	-.372	10	178	.228	.172	.820	-.415	10	228	.328	.140	.772	-.075
10	129	.014	.148	.621	-.411	10	179	.255	.165	.769	-.540	10	229	.319	.129	.785	-.063
10	130	-.067	.164	.538	-.655	10	180	.316	.133	.821	-.109	10	230	.250	.115	.700	-.075
10	131	-.072	.121	.300	-.978	10	181	.265	.129	.779	-.126	10	231	.222	.166	.797	-.481
10	132	.025	.122	.538	-.454	10	182	.251	.133	.668	-.139	10	232	.139	.198	.834	-.680
10	133	-.018	.277	.760	-1.029	10	183	.204	.126	.635	-.188	10	233	.118	.197	.665	-.620
10	134	-.039	.263	.693	-.767	10	184	.002	.129	.534	-.390	10	234	.150	.142	.623	-.375
10	135	.209	.172	.714	-.296	10	185	-.122	.133	.332	-.553	10	235	.004	.134	.637	-.403
10	136	.306	.141	.632	-.070	10	186	-.039	.134	.493	-.514	10	236	-.101	.150	.643	-.510
10	137	.374	.160	.967	-.040	10	187	.067	.135	.554	-.307	10	237	.308	.134	.777	-.232
10	138	.334	.169	.941	-.257	10	188	.286	.137	.813	-.142	10	238	.317	.128	.864	-.106
10	139	.255	.146	.709	-.324	10	189	.311	.133	.717	-.066	10	239	.308	.129	.798	-.071
10	140	.185	.193	.740	-.479	10	190	.319	.121	.757	-.073	10	240	.294	.133	.757	-.122
10	141	.170	.193	.662	-.554	10	191	.362	.133	.895	-.021	10	241	.265	.126	.742	-.234
10	142	.222	.144	.719	-.152	10	192	.329	.161	.923	-.171	10	242	.247	.114	.656	-.177
10	143	.159	.133	.619	-.216	10	193	.280	.174	.811	-.292	10	243	.238	.102	.608	-.119
10	144	.158	.098	.489	-.114	10	194	.200	.218	.810	-.643	10	244	.266	.121	.691	-.146
10	145	.140	.119	.648	-.176	10	195	.266	.202	.842	-.652	10	245	.274	.128	.720	-.193
10	146	.196	.118	.701	-.148	10	196	.224	.159	.765	-.166	10	246	.286	.123	.922	-.066
10	147	.143	.117	.640	-.206	10	197	.080	.159	.660	-.342	10	247	.281	.126	.676	-.122
10	148	.370	.167	1.159	-.079	10	198	-.070	.161	.593	-.540	10	248	.297	.137	.765	-.117
10	149	.382	.156	.961	-.104	10	199	.014	.099	.444	-.280	10	249	.311	.128	.818	-.060
10	150	.389	.151	.989	-.100	10	200	.075	.134	.658	-.342	10	250	.252	.114	.614	-.250
10	151	.412	.180	1.137	-.151	10	201	.035	.138	.769	-.378	10	251	.262	.113	.627	-.075
10	152	.224	.139	.704	-.191	10	202	.265	.111	.754	-.081	10	252	.288	.127	.729	-.153
10	153	.244	.126	.689	-.099	10	203	-.152	.113	.190	-.526	10	253	.289	.128	.842	-.063
10	154	.218	.132	.736	-.139	10	204	-.073	.124	.433	-.523	10	254	.307	.134	.820	-.074
10	155	.247	.137	.704	-.283	10	205	-.044	.240	.674	-.944	10	255	.317	.124	.779	-.115
10	156	.243	.127	.720	-.126	10	206	-.129	.246	.899	-1.118	10	256	.323	.124	.775	-.057

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	257	.326	.122	.837	-.077	10	307	.199	.116	.616	-.204	10	445	-.025	.163	.619	-.498
10	258	.304	.119	.674	-.084	10	308	.201	.103	.590	-.115	10	446	-.130	.134	.421	-.648
10	259	.297	.120	.813	-.107	10	309	.172	.112	.537	-.179	10	447	-.211	.130	.421	-.740
10	260	.263	.121	.725	-.218	10	310	.101	.111	.476	-.239	10	448	-.393	.195	.116	-1.338
10	261	.232	.134	.750	-.335	10	311	-.015	.119	.447	-.345	10	449	-.331	.165	.153	-1.098
10	262	.276	.110	.768	-.061	10	312	-.140	.131	.378	-.560	10	450	-.226	.116	.112	-.822
10	263	.270	.120	.667	-.060	10	401	-.480	.206	.171	-1.257	10	451	-.211	.109	.141	-.717
10	264	.260	.116	.659	-.141	10	402	-.375	.198	.137	-1.238	10	452	-.209	.100	.110	-.644
10	265	.287	.113	.704	-.079	10	403	-.227	.133	.240	-.886	10	453	-.449	.187	.063	-1.223
10	266	.280	.106	.707	-.043	10	404	-.201	.114	.165	-.810	10	454	-.442	.211	.290	-1.314
10	267	.313	.126	.786	-.060	10	405	-.227	.122	.155	-.779	10	455	-.224	.154	.227	-.910
10	268	.310	.129	.738	-.125	10	406	-.226	.121	.107	-.948	10	456	-.217	.126	.133	-.915
10	269	.303	.116	.707	-.049	10	407	-.202	.125	.161	-.822	10	457	-.217	.111	.138	-.807
10	270	.305	.131	.806	-.241	10	408	-.203	.122	.225	-.716	10	458	-.208	.114	.195	-.697
10	271	.202	.119	.583	-.132	10	409	-.194	.125	.176	-.720	10	459	-.227	.123	.157	-.706
10	272	.189	.150	.737	-.600	10	410	-.198	.129	.174	-1.188	10	460	-.235	.127	.223	-.819
10	273	.262	.130	.970	-.242	10	411	-.191	.129	.225	-1.067	10	461	-.227	.118	.159	-.729
10	274	.265	.126	.689	-.181	10	412	-.188	.123	.237	-.755	10	462	-.217	.111	.168	-.591
10	275	.285	.125	.860	-.255	10	413	-.193	.148	.342	-1.485	10	463	-.232	.105	.191	-.673
10	276	.257	.106	.673	-.078	10	414	-.209	.148	.285	-1.559	10	464	-.227	.109	.145	-.670
10	277	.279	.106	.729	-.100	10	415	-.214	.134	.303	-.922	10	465	-.199	.113	.217	-.559
10	278	.275	.113	.617	-.114	10	416	-.169	.137	.372	-.779	10	466	-.133	.120	.421	-.495
10	279	.240	.126	.692	-.268	10	417	-.167	.121	.354	-.609	10	467	-.144	.121	.291	-.524
10	280	.104	.175	.623	-.579	10	418	-.139	.124	.369	-.544	10	468	-.016	.127	.460	-.459
10	281	.098	.170	.617	-.741	10	419	-.103	.144	.418	-.680	10	469	.056	.133	.650	-.339
10	282	.057	.202	.698	-.696	10	420	-.104	.138	.506	-.614	10	470	.022	.135	.713	-.378
10	283	.264	.133	.700	-.177	10	421	-.200	.136	.275	-.732	10	471	-.036	.149	.609	-.530
10	284	.244	.112	.670	-.173	10	422	-.347	.171	.171	-1.649	10	472	-.164	.119	.411	-.537
10	285	.273	.114	.817	-.113	10	423	-.257	.136	.197	-1.206	10	473	-.262	.121	.129	-.731
10	286	.270	.114	.684	-.093	10	424	-.192	.111	.188	-.719	10	474	-.406	.193	.093	-1.353
10	287	.250	.110	.599	-.178	10	425	-.186	.108	.183	-.632	10	475	-.378	.176	.119	-1.211
10	288	.235	.105	.744	-.064	10	426	-.193	.106	.231	-.586	10	476	-.250	.135	.146	-.863
10	289	.236	.106	.637	-.121	10	427	-.397	.191	.406	-1.021	10	477	-.218	.101	.105	-.673
10	290	.195	.114	.604	-.266	10	428	-.426	.223	.233	-1.123	10	478	-.230	.106	.294	-.739
10	291	.165	.111	.569	-.178	10	429	-.149	.144	.219	-1.073	10	479	-.426	.175	.096	-1.068
10	292	-.094	.110	.294	-.604	10	430	-.161	.120	.207	-.786	10	480	-.418	.190	.335	-1.232
10	293	-.046	.131	.447	-.437	10	431	-.196	.124	.149	-.719	10	481	-.266	.145	.113	-1.049
10	294	-.119	.214	.702	-.826	10	432	-.179	.111	.207	-.626	10	482	-.238	.123	.169	-.765
10	295	-.156	.238	.586	-1.067	10	433	-.184	.115	.225	-.633	10	483	-.241	.120	.102	-.760
10	296	.034	.149	.615	-.376	10	434	-.200	.111	.201	-.644	10	484	-.242	.122	.136	-.952
10	297	.129	.133	.575	-.337	10	435	-.196	.124	.176	-.753	10	485	-.226	.110	.068	-.707
10	298	.225	.130	.687	-.218	10	436	-.190	.110	.147	-.635	10	486	-.251	.119	.086	-.754
10	299	.253	.126	.764	-.159	10	437	-.201	.109	.112	-.586	10	487	-.256	.120	.106	-.751
10	300	.279	.121	.874	-.082	10	438	-.225	.108	.110	-.598	10	488	-.249	.119	.172	-.671
10	301	.261	.109	.692	-.090	10	439	-.210	.105	.150	-.568	10	489	-.250	.112	.159	-.663
10	302	.286	.123	.782	-.057	10	440	-.168	.104	.135	-.548	10	490	-.229	.119	.140	-.637
10	303	.260	.107	.850	-.057	10	441	-.207	.114	.301	-.594	10	491	-.172	.106	.182	-.647
10	304	.262	.123	.756	-.154	10	442	-.121	.131	.419	-.595	10	492	-.091	.112	.358	-.459
10	305	.251	.104	.634	-.086	10	443	-.028	.136	.556	-.591	10	493	-.160	.126	.388	-.580
10	306	.250	.111	.614	-.106	10	444	-.038	.150	.521	-.597	10	494	-.032	.127	.544	-.418

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	495	.058	.139	.621	-.456	10	545	-.221	.126	.264	-.657	10	611	-.208	.100	.142	-.629
10	496	.009	.127	.437	-.382	10	546	-.234	.136	.194	-1.004	10	612	-.203	.102	.131	-.614
10	497	-.027	.128	.523	-.479	10	547	-.152	.112	.261	-.483	10	613	-.207	.108	.152	-.568
10	498	-.149	.116	.329	-.504	10	548	-.138	.123	.252	-.564	10	614	-.233	.098	.088	-.580
10	499	-.257	.122	.169	-.633	10	549	.003	.135	.700	-.421	10	615	-.238	.098	.154	-.755
10	500	-.399	.159	.013	-1.071	10	550	-.004	.115	.496	-.397	10	616	-.248	.107	.083	-.587
10	501	-.353	.158	.142	-1.143	10	551	-.204	.124	.287	-.640	10	617	-.253	.107	.076	-.684
10	502	-.237	.111	.120	-.722	10	552	-.178	.096	.143	-.544	10	618	-.260	.112	.131	-.669
10	503	-.206	.100	.119	-.591	10	553	-.128	.093	.254	-.397	10	619	-.231	.107	.058	-.639
10	504	-.211	.110	.189	-.653	10	554	-.208	.098	.158	-.595	10	620	-.194	.096	.136	-.486
10	505	-.237	.125	.186	-.730	10	555	-.176	.094	.177	-.595	10	621	-.182	.096	.133	-.537
10	506	-.244	.125	.148	-.703	10	556	-.150	.091	.160	-.435	10	622	-.176	.098	.133	-.531
10	507	-.206	.127	.320	-.648	10	557	-.142	.099	.232	-.451	10	623	-.179	.098	.133	-.534
10	508	-.073	.142	1.008	-.485	10	558	-.348	.327	.437	-1.536	10	624	-.195	.101	.085	-.572
10	509	-.005	.126	.503	-.401	10	559	-.263	.287	.404	-1.335	10	625	-.203	.101	.127	-.628
10	510	-.040	.127	.383	-.673	10	560	-.105	.108	.212	-.629	10	626	-.207	.104	.102	-.537
10	511	-.040	.134	.464	-.462	10	561	-.213	.104	.088	-.579	10	627	-.208	.098	.133	-.524
10	512	.008	.135	.506	-.459	10	562	-.243	.110	.069	-.682	10	628	-.205	.105	.141	-.654
10	513	-.227	.117	.166	-.574	10	563	-.381	.150	.139	-1.017	10	629	-.204	.101	.133	-.641
10	514	-.229	.121	.232	-.636	10	564	-.360	.181	.355	-.885	10	630	-.210	.100	.150	-.621
10	515	-.213	.128	.289	-.687	10	565	-.142	.114	.257	-.676	10	631	-.240	.104	.121	-.582
10	516	-.117	.138	.461	-.523	10	566	-.174	.093	.190	-.501	10	632	-.237	.112	.176	-.686
10	517	-.045	.125	.412	-.435	10	567	-.193	.094	.114	-.543	10	633	-.221	.111	.095	-.589
10	518	-.044	.112	.441	-.362	10	568	-.371	.137	.038	-.984	10	634	-.229	.108	.131	-.734
10	519	-.025	.106	.351	-.372	10	569	-.361	.140	.221	-.956	10	635	-.231	.101	.104	-.573
10	520	.004	.126	.624	-.363	10	570	-.173	.128	.171	-1.073	10	636	-.222	.109	.183	-.600
10	521	-.234	.116	.127	-.630	10	571	-.149	.097	.143	-.489	10	637	-.200	.099	.155	-.499
10	522	-.214	.117	.136	-.665	10	572	-.168	.096	.178	-.534	10	638	-.204	.101	.135	-.549
10	523	-.214	.073	.027	-.447	10	573	-.350	.157	.295	-1.385	10	639	-.208	.106	.206	-.555
10	524	.025	.128	.753	-.398	10	574	-.234	.136	.379	-.886	10	640	-.214	.102	.126	-.567
10	525	-.045	.113	.333	-.383	10	575	-.200	.140	.209	-.872	10	641	-.207	.095	.142	-.560
10	526	-.104	.095	.277	-.400	10	576	-.096	.112	.227	-.452	10	642	-.205	.101	.151	-.544
10	527	-.253	.123	.307	-.684	10	577	-.124	.112	.320	-.550	10	643	-.215	.098	.122	-.542
10	528	-.244	.121	.127	-.765	10	578	-.110	.103	.206	-.438	10	644	-.233	.099	.094	-.540
10	529	-.160	.120	.243	-.648	10	579	-.117	.103	.235	-.463	10	645	-.240	.101	.103	-.551
10	530	-.050	.119	.426	-.407	10	580	-.174	.122	.271	-.645	10	646	-.244	.103	.067	-.591
10	531	-.050	.105	.296	-.368	10	581	.032	.119	.527	-.385	10	647	-.277	.122	.051	-.908
10	532	-.045	.104	.296	-.381	10	582	.202	.125	.638	-.205	10	648	-.285	.134	.128	-1.010
10	533	-.207	.104	.104	-.582	10	583	.232	.113	.615	-.161	10	649	-.260	.111	.086	-.605
10	534	-.243	.106	.069	-.660	10	584	.175	.112	.530	-.193	10	650	-.266	.110	.061	-.731
10	535	-.200	.084	.065	-.582	10	601	-.254	.119	.139	-.682	10	651	-.326	.146	.131	-1.060
10	536	-.173	.077	.089	-.410	10	602	-.252	.116	.128	-.757	10	652	-.276	.114	.087	-.675
10	537	-.177	.092	.193	-.531	10	603	-.219	.119	.172	-.697	10	653	-.239	.098	.092	-.575
10	538	-.343	.157	.181	-1.067	10	604	-.221	.109	.119	-.792	10	654	-.188	.103	.161	-.531
10	539	-.305	.177	.359	-1.010	10	605	-.206	.106	.134	-.579	10	655	-.179	.091	.122	-.585
10	540	-.192	.128	.228	-.727	10	606	-.207	.107	.169	-.667	10	656	-.185	.095	.283	-.478
10	541	-.170	.106	.194	-.523	10	607	-.210	.104	.107	-.649	10	657	-.191	.095	.141	-.514
10	542	-.195	.111	.138	-.646	10	608	-.202	.105	.172	-.595	10	658	-.199	.098	.105	-.524
10	543	-.190	.104	.135	-.569	10	609	-.204	.100	.122	-.658	10	659	-.201	.095	.125	-.496
10	544	-.178	.116	.216	-.564	10	610	-.205	.105	.105	-.559	10	660	-.211	.096	.118	-.504

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	661	-.207	.091	.113	-.519	10	711	-.276	.116	.124	-.732	10	761	-.167	.103	.231	-.517
10	662	-.199	.098	.079	-.600	10	712	-.226	.115	.117	-.869	10	762	-.157	.105	.283	-.519
10	663	-.202	.113	.138	-.675	10	713	-.227	.116	.127	-.952	10	763	-.154	.112	.197	-.541
10	664	-.203	.100	.135	-.572	10	714	-.179	.095	.140	-.481	10	764	-.125	.098	.247	-.432
10	665	-.218	.097	.158	-.539	10	715	-.175	.106	.230	-.498	10	765	-.175	.096	.109	-.545
10	666	-.222	.103	.070	-.646	10	716	-.181	.105	.163	-.501	10	766	-.185	.108	.150	-.523
10	667	-.183	.106	.176	-.480	10	717	-.180	.109	.195	-.576	10	767	-.172	.104	.186	-.533
10	668	-.178	.106	.153	-.551	10	718	-.222	.103	.110	-.586	10	768	-.219	.100	.153	-.568
10	669	-.243	.113	.121	-.644	10	719	-.224	.102	.103	-.560	10	769	-.214	.109	.169	-.561
10	670	-.233	.125	.223	-.856	10	720	-.232	.108	.134	-.584	10	770	-.192	.098	.148	-.523
10	671	-.227	.105	.128	-.598	10	721	-.234	.099	.086	-.525	10	771	-.191	.107	.162	-.611
10	672	-.226	.106	.079	-.702	10	722	-.233	.100	.111	-.527	10	772	-.185	.124	.213	-.653
10	673	-.220	.103	.133	-.537	10	723	-.220	.110	.118	-.567	10	773	-.190	.115	.168	-.638
10	674	-.213	.111	.121	-.594	10	724	-.222	.104	.185	-.600	10	774	-.198	.108	.108	-.528
10	675	-.217	.109	.171	-.628	10	725	-.192	.099	.195	-.521	10	775	-.207	.103	.103	-.671
10	676	-.215	.106	.223	-.587	10	726	-.188	.097	.195	-.496	10	776	-.206	.125	.421	-.599
10	677	-.228	.110	.146	-.677	10	727	-.195	.100	.135	-.486	10	777	-.194	.103	.187	-.582
10	678	-.208	.098	.135	-.582	10	728	-.191	.110	.189	-.636	10	778	-.179	.099	.101	-.505
10	679	-.211	.096	.180	-.528	10	729	-.184	.105	.156	-.573	10	779	-.150	.090	.147	-.448
10	680	-.211	.109	.189	-.576	10	730	-.196	.103	.137	-.511	10	780	-.152	.102	.180	-.496
10	681	-.211	.104	.147	-.574	10	731	-.195	.095	.140	-.543	10	781	-.169	.103	.160	-.501
10	682	-.247	.108	.122	-.578	10	732	-.193	.102	.107	-.535	10	782	-.128	.108	.230	-.516
10	683	-.242	.122	.133	-.619	10	733	-.233	.107	.142	-.572	10	783	-.100	.098	.253	-.421
10	684	-.246	.118	.097	-.619	10	734	-.224	.102	.128	-.591	10	784	-.093	.106	.380	-.484
10	685	-.239	.112	.054	-.648	10	735	-.208	.098	.141	-.508	10	785	-.122	.110	.243	-.456
10	686	-.170	.106	.130	-.620	10	736	-.211	.102	.188	-.589	10	786	-.171	.103	.280	-.502
10	687	-.166	.110	.209	-.606	10	737	-.196	.099	.180	-.519	10	787	-.176	.102	.212	-.553
10	688	-.187	.103	.166	-.638	10	738	-.198	.102	.122	-.515	10	788	-.166	.103	.223	-.491
10	689	-.177	.094	.173	-.483	10	739	-.184	.097	.119	-.519	10	789	-.163	.104	.174	-.487
10	690	-.176	.100	.123	-.567	10	740	-.174	.112	.128	-.543	10	790	-.209	.101	.196	-.521
10	691	-.188	.100	.148	-.468	10	741	-.162	.108	.168	-.544	10	791	-.221	.102	.130	-.546
10	692	-.200	.094	.145	-.514	10	742	-.156	.108	.241	-.492	10	792	-.225	.106	.095	-.556
10	693	-.207	.091	.079	-.536	10	743	-.167	.105	.239	-.504	10	793	-.229	.105	.136	-.583
10	694	-.206	.091	.122	-.485	10	744	-.206	.104	.159	-.576	10	794	-.200	.100	.125	-.518
10	695	-.205	.098	.148	-.521	10	745	-.189	.099	.129	-.540	10	795	-.204	.102	.104	-.578
10	696	-.208	.096	.108	-.546	10	746	-.198	.106	.168	-.521	10	796	-.204	.106	.106	-.573
10	697	-.203	.101	.099	-.641	10	747	-.156	.094	.233	-.465	10	797	-.155	.088	.140	-.471
10	698	-.212	.101	.090	-.666	10	748	-.147	.104	.153	-.575	10	798	-.158	.094	.235	-.466
10	699	-.214	.100	.079	-.646	10	749	-.154	.114	.193	-.559	10	799	-.163	.098	.212	-.489
10	700	-.201	.117	.423	-.569	10	750	-.123	.103	.308	-.455	10	800	-.157	.094	.223	-.446
10	701	-.207	.100	.121	-.566	10	751	-.147	.094	.134	-.468	10	801	-.132	.097	.155	-.466
10	702	-.211	.100	.079	-.608	10	752	-.228	.098	.089	-.656	10	802	-.123	.098	.221	-.442
10	703	-.202	.093	.099	-.523	10	753	-.148	.119	.220	-.665	10	803	-.132	.097	.172	-.487
10	704	-.202	.104	.146	-.546	10	754	-.143	.104	.211	-.570	10	804	-.104	.086	.164	-.348
10	705	-.198	.105	.133	-.524	10	755	-.100	.099	.242	-.409	10	805	-.148	.089	.152	-.431
10	706	-.192	.098	.121	-.570	10	756	-.092	.100	.283	-.414	10	806	-.195	.086	.137	-.470
10	707	-.189	.093	.130	-.552	10	757	-.093	.103	.279	-.476	10	807	-.192	.091	.087	-.477
10	708	-.196	.107	.193	-.557	10	758	-.120	.105	.284	-.522	10	808	-.179	.093	.156	-.450
10	709	-.273	.115	.115	-.627	10	759	-.127	.106	.204	-.508	10	809	-.174	.097	.177	-.474
10	710	-.272	.105	.065	-.745	10	760	-.156	.103	.188	-.528	10	901	-.215	.110	.101	-.647

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	902	-.238	.109	.190	-.648	10	952	-.190	.151	.204	-.975	10	1002	-.195	.137	.281	-.794
10	903	-.242	.112	.104	-.706	10	953	-.219	.112	.119	-.649	10	1003	-.252	.157	.195	-.890
10	904	-.256	.115	.086	-.709	10	954	-.224	.109	.091	-.664	10	1004	-.237	.147	.147	-.948
10	905	-.192	.105	.142	-.614	10	955	-.238	.120	.114	-.861	10	1005	.094	.141	.655	-.536
10	906	-.161	.110	.160	-.767	10	956	-.227	.104	.099	-.684	10	1006	.076	.134	.506	-.539
10	907	-.138	.116	.286	-.594	10	957	-.176	.113	.232	-.637	10	1007	-.038	.130	.388	-.588
10	908	-.177	.140	.216	-.929	10	958	-.137	.105	.247	-.569	10	1008	-.117	.131	.301	-.546
10	909	-.214	.174	.330	-1.212	10	959	-.063	.114	.398	-.536	10	1009	-.159	.117	.211	-.652
10	910	-.080	.153	.611	-.707	10	960	-.040	.158	.427	-.775	10	1010	-.186	.128	.303	-.693
10	911	-.057	.166	.616	-.668	10	961	-.111	.205	.467	-.990	10	1011	-.188	.121	.222	-.733
10	912	-.056	.172	.648	-.704	10	962	.036	.150	.666	-.423	10	1012	.035	.111	.431	-.347
10	913	-.052	.180	.714	-.680	10	963	.066	.139	.617	-.380	10	1013	.022	.121	.472	-.395
10	914	-.081	.181	.561	-.832	10	964	.047	.132	.578	-.335	10	1014	-.059	.123	.322	-.422
10	915	-.126	.166	.452	-.858	10	965	.013	.114	.641	-.385	10	1015	-.098	.136	.320	-.476
10	916	-.191	.195	.479	-1.230	10	966	.030	.116	.408	-.480	10	1016	-.124	.122	.353	-.547
10	917	-.176	.209	.314	-2.950	10	967	-.097	.111	.228	-.440	10	1017	-.179	.126	.261	-.547
10	918	-.141	.115	.217	-.670	10	968	-.139	.104	.207	-.458	10	1018	-.156	.122	.257	-.791
10	919	-.150	.147	.319	-1.022	10	969	-.081	.101	.248	-.420	10	1019	-.214	.113	.155	-.707
10	920	-.159	.125	.279	-.658	10	970	-.126	.099	.192	-.458	10	1020	-.217	.110	.160	-.541
10	921	-.151	.120	.224	-.827	10	971	-.122	.100	.214	-.425	10	1021	-.261	.112	.093	-.630
10	922	-.169	.149	.439	-.975	10	972	-.116	.116	.330	-.616	10	1022	-.293	.125	.073	-.845
10	923	-.171	.142	.319	-.947	10	973	-.111	.123	.325	-.562	10	1023	-.213	.106	.120	-.611
10	924	-.242	.158	.158	-.901	10	974	-.129	.118	.301	-.702	10	1024	-.178	.104	.206	-.528
10	925	-.320	.169	.129	-1.073	10	975	-.137	.123	.396	-.634	10	1025	-.051	.123	.463	-.468
10	926	-.304	.157	.124	-.911	10	976	-.153	.138	.273	-.811	10	1026	.040	.127	.802	-.469
10	927	-.216	.118	.153	-.693	10	977	-.184	.164	.214	-.947	10	1027	.072	.129	.590	-.303
10	928	-.215	.104	.132	-.686	10	978	-.167	.147	.279	-.863	10	1028	-.147	.120	.287	-.615
10	929	-.238	.120	.127	-.904	10	979	-.247	.108	.091	-.639	10	1029	-.153	.121	.281	-.633
10	930	-.226	.112	.117	-.667	10	980	-.240	.113	.158	-.624	10	1030	-.159	.124	.247	-.571
10	931	-.184	.100	.132	-.562	10	981	-.239	.112	.093	-.670	10	1031	.124	.125	.621	-.311
10	932	-.158	.116	.258	-.532	10	982	-.228	.113	.124	-.619	10	1032	.041	.106	.423	-.385
10	933	-.118	.111	.368	-.701	10	983	-.186	.103	.152	-.541	10	1033	-.029	.131	.406	-.463
10	934	-.133	.158	.494	-1.085	10	984	-.140	.098	.172	-.556	10	1034	-.063	.132	.287	-.485
10	935	-.178	.191	.468	-1.134	10	985	-.062	.108	.373	-.418	10	1035	-.070	.121	.379	-.431
10	936	-.054	.145	.619	-.607	10	986	-.056	.168	.628	-.801	10	1036	-.094	.119	.393	-.511
10	937	-.004	.140	.625	-.545	10	987	-.078	.178	.434	-.939	10	1037	-.204	.129	.158	-.676
10	938	.018	.150	.668	-.440	10	988	.068	.145	.635	-.435	10	1038	-.086	.167	.709	-.504
10	939	-.013	.140	.724	-.444	10	989	.108	.135	.635	-.330	10	1039	-.147	.090	.152	-.466
10	940	-.012	.135	.507	-.606	10	990	.094	.132	.603	-.291	10	1040	-.120	.094	.212	-.511
10	941	-.075	.145	.442	-.626	10	991	.019	.129	.418	-.354	10	1041	-.081	.105	.244	-.450
10	942	-.150	.158	.350	-1.017	10	992	.029	.110	.457	-.335	10	1042	-.114	.099	.246	-.451
10	943	-.127	.130	.242	-.703	10	993	-.080	.112	.316	-.417	10	1043	-.019	.107	.357	-.377
10	944	-.139	.118	.229	-.730	10	994	-.144	.110	.188	-.641	10	1044	.049	.110	.441	-.337
10	945	-.130	.113	.307	-.594	10	995	-.073	.106	.345	-.390	10	1045	-.038	.123	.337	-.485
10	946	-.118	.105	.363	-.499	10	996	-.105	.109	.299	-.565	10	1046	-.051	.109	.294	-.394
10	947	-.131	.124	.310	-.674	10	997	-.163	.113	.231	-.611	10	1047	-.057	.120	.380	-.470
10	948	-.153	.151	.358	-.869	10	998	-.144	.108	.204	-.538	10	1048	-.053	.103	.296	-.390
10	949	-.152	.129	.336	-.805	10	999	-.155	.129	.198	-1.047	10	1049	-.080	.108	.348	-.402
10	950	-.172	.140	.580	-.937	10	1000	-.156	.135	.307	-.710	10	1050	-.101	.101	.316	-.371
10	951	-.193	.150	.215	-.839	10	1001	-.171	.126	.281	-.637	10	1051	-.101	.120	.286	-.483

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	1052	-.139	.108	.187	-.550
10	1053	-.178	.116	.223	-.634
10	1054	-.217	.135	.155	-.774
10	1055	-.210	.098	.131	-.578
10	1056	-.183	.095	.183	-.458
10	1057	-.071	.101	.257	-.398
10	1058	-.140	.240	.675	-.896
10	1059	-.142	.252	.564	-1.062
10	1060	-.193	.093	.116	-.628
10	1061	-.180	.105	.173	-.503
10	1062	-.100	.109	.278	-.566
10	1063	-.281	.202	.393	-.996
10	1064	-.317	.180	.231	-.969
10	1065	-.201	.094	.147	-.545
10	1066	-.187	.108	.123	-.562
10	1067	-.146	.115	.201	-.655
10	1068	-.319	.143	.198	-.863
10	1069	-.324	.136	.344	-.849
10	1070	-.125	.097	.215	-.451
10	1071	-.098	.104	.299	-.532
10	1072	-.148	.131	.290	-.619
10	1073	-.204	.115	.198	-.595
10	1074	-.238	.113	.050	-.575
10	1075	.050	.113	.427	-.259
10	1076	-.149	.120	.207	-.632
10	1077	-.076	.088	.207	-.350
10	1078	-.060	.096	.243	-.547
10	1079	.252	.127	.725	-.109
10	1080	.265	.144	.897	-.111
10	1081	.225	.115	.594	-.163
10	1201	.146	.128	.564	-.238
10	1202	.233	.117	.696	-.206
10	1203	-.124	.106	.212	-.566
10	1204	.008	.111	.316	-.396
10	1205	.047	.097	.440	-.231
10	1206	-.050	.107	.235	-.435
10	1207	-.170	.095	.224	-.525
10	1208	-.174	.098	.144	-.543
10	1209	-.166	.098	.149	-.521
10	1210	-.157	.092	.187	-.439
10	1211	-.089	.109	.303	-.424
10	1212	-.142	.097	.158	-.593
10	1213	-.167	.102	.167	-.501
10	1214	-.155	.118	.189	-.573
10	1215	-.165	.110	.167	-.584
10	1216	-.232	.117	.172	-.690
10	1217	-.036	.123	.495	-.446
10	1218	-.192	.099	.137	-.598
10	1219	-.135	.310	.585	-1.236
10	1220	-.158	.299	.623	-1.141

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	1221	-.090	.097	.233	-.431
10	1222	-.204	.094	.071	-.599
10	1223	-.226	.100	.105	-.533
10	1224	-.091	.105	.261	-.456
10	1301	-.023	.116	.370	-.379
10	1302	-.021	.106	.293	-.350
10	1303	-.074	.107	.281	-.436
10	1304	-.032	.136	.526	-.530
10	1305	-.003	.115	.370	-.347
10	1306	-.002	.110	.399	-.331
10	1401	.292	.138	.908	-.056
10	1402	.267	.113	.632	-.069
10	1403	.228	.106	.656	-.114
10	1404	.244	.105	.655	-.175
10	1405	.278	.131	.700	-.105
10	1406	.282	.125	.743	-.094
10	1407	.298	.129	.711	-.148
10	1408	.259	.180	.976	-.779
10	1409	.235	.129	.650	-.142
10	1410	.194	.132	.659	-.257
10	1411	.142	.199	.713	-.469
10	1412	.179	.117	.682	-.255
10	1413	.209	.126	.637	-.209
10	1414	.232	.120	.664	-.135
10	1415	.122	.126	.532	-.263
10	1416	.180	.113	.530	-.212
10	1417	.269	.122	.767	-.239
10	1418	.173	.123	.620	-.304
10	1419	-.287	.135	.243	-.845
10	1420	-.268	.125	.098	-.745
10	1421	-.218	.099	.051	-.560
10	1422	-.184	.125	.274	-.684
10	1423	-.203	.105	.170	-.607
10	1424	-.214	.090	.094	-.483
10	1425	-.193	.121	.352	-.618
10	1426	-.218	.111	.155	-.725
10	1427	-.167	.133	.338	-.664
10	1428	-.120	.120	.306	-.490
10	1429	-.001	.125	.386	-.463
10	1430	-.755	.237	.008	-2.167
10	1431	-.465	.259	.216	-2.099
10	1432	-.218	.162	.222	-1.139
10	1433	-.181	.139	.211	-.876
10	1434	-.113	.162	.352	-.854
10	1435	-.126	.111	.237	-.440
10	1436	-.154	.134	.465	-.598
10	1437	.034	.183	.607	-.861
10	1438	-.271	.151	.194	-.948
10	1439	-.686	.204	-.065	-1.504
10	1440	-.099	.106	.255	-.481

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	1441	-.137	.109	.218	-.491
10	1442	.047	.134	.548	-.315
10	1443	-.133	.125	.336	-.616
10	1444	-.625	.204	-.037	-1.697
10	1445	-.133	.162	.395	-1.317
10	1446	-.173	.127	.166	-.678
10	1447	-.136	.119	.247	-.582
10	1448	-.441	.153	.004	-1.014
10	1449	-.324	.174	.200	-.981
10	1450	-.089	.144	.393	-.607
10	1451	-.430	.166	.043	-1.430
10	1452	-.363	.144	.028	-1.092
10	1453	-.246	.112	.161	-.804
10	1454	-.274	.109	.028	-.755
10	1455	-.280	.114	.086	-.727
10	1456	-.264	.109	.110	-.683
10	1457	-.217	.099	.104	-.616
10	1458	-.422	.179	.153	-1.017
10	1459	-.276	.150	.177	-1.040
10	1460	-.252	.156	.167	-1.106
10	1461	-.178	.106	.144	-.611
10	1462	-.439	.206	.099	-1.471
10	1463	-.091	.108	.371	-.376
10	1464	-.048	.124	.439	-.433
10	1465	.100	.124	.600	-.265
10	1466	-.163	.115	.204	-.617
10	1467	-.176	.145	.362	-.804
10	1468	-.132	.103	.251	-.412
10	1469	-.121	.122	.303	-.607
10	1470	.055	.138	.527	-.393
10	1471	-.253	.150	.207	-1.488
10	1472	-.434	.215	.064	-1.660
10	1473	-.293	.166	.192	-1.031
10	1474	-.225	.139	.249	-.983
10	1475	-.178	.123	.278	-.633
10	1476	-.183	.111	.183	-.674
10	1477	-.130	.136	.236	-.867
10	1478	-.028	.112	.361	-.369
20	101	-.135	.136	.367	-.532
20	102	-.030	.155	.489	-.505
20	103	.040	.188	.761	-1.035
20	104	.071	.230	.744	-.875
20	105	.223	.194	.908	-.396
20	106	.217	.187	.887	-.388
20	107	.197	.181	.793	-.326
20	108	.161	.160	.721	-.314
20	109	.104	.135	.620	-.386
20	110	-.183	.197	.343	-.934
20	111	-.113	.173	.360	-.718
20	112	-.092	.091	.194	-.471

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	113	-.119	.116	.239	-.559	20	163	.023	.154	.594	-.394	20	213	.245	.144	.814	-.317
20	114	-.125	.112	.241	-.592	20	164	-.116	.139	.443	-.566	20	214	.270	.123	.662	-.075
20	115	-.144	.115	.261	-.533	20	165	-.002	.115	.332	-.404	20	215	.214	.131	.734	-.321
20	116	-.144	.149	.355	-.617	20	166	-.092	.132	.307	-.597	20	216	.214	.124	.628	-.203
20	117	-.013	.145	.489	-.470	20	167	.028	.149	.585	-.474	20	217	.190	.132	.727	-.261
20	118	.083	.141	.657	-.394	20	168	.126	.140	.618	-.308	20	218	.086	.109	.459	-.272
20	119	.020	.138	.515	-.417	20	169	-.073	.125	.397	-.527	20	219	.017	.097	.416	-.295
20	120	-.025	.119	.422	-.379	20	170	.039	.130	.496	-.416	20	220	.048	.125	.604	-.353
20	121	.013	.126	.440	-.382	20	171	.109	.206	.820	-.714	20	221	.223	.125	.737	-.170
20	122	.029	.122	.477	-.477	20	172	.077	.253	.959	-.652	20	222	.257	.124	.776	-.170
20	123	.061	.150	.546	-.465	20	173	.287	.196	1.064	-.404	20	223	.061	.118	.622	-.297
20	124	.148	.156	.715	-.325	20	174	.321	.175	.967	-.188	20	224	.012	.105	.355	-.421
20	125	.148	.171	.781	-.465	20	175	.349	.156	.850	-.045	20	225	.179	.111	.557	-.159
20	126	.053	.218	.744	-.830	20	176	.329	.119	.802	-.031	20	226	.271	.126	.666	-.066
20	127	.098	.198	.726	-.809	20	177	.275	.125	.664	-.217	20	227	.326	.131	.810	-.087
20	128	.091	.157	.606	-.346	20	178	.158	.182	.782	-.588	20	228	.355	.139	.829	-.072
20	129	-.005	.151	.566	-.448	20	179	.175	.195	.805	-.565	20	229	.322	.123	.855	-.053
20	130	-.116	.140	.366	-.648	20	180	.255	.123	.741	-.118	20	230	.239	.148	.984	-.173
20	131	-.067	.124	.429	-.584	20	181	.231	.119	.669	-.096	20	231	.178	.158	.852	-.479
20	132	.057	.131	.558	-.341	20	182	.208	.119	.678	-.185	20	232	.042	.216	.708	-.715
20	133	.164	.211	.875	-.812	20	183	.163	.128	.661	-.238	20	233	.054	.195	.607	-.645
20	134	.174	.239	.917	-.573	20	184	-.031	.123	.357	-.424	20	234	.073	.135	.579	-.330
20	135	.298	.173	.913	-.113	20	185	-.179	.125	.245	-.632	20	235	-.051	.117	.368	-.449
20	136	.331	.144	.873	-.005	20	186	-.032	.141	.543	-.480	20	236	-.161	.125	.360	-.598
20	137	.365	.163	.873	-.161	20	187	.077	.138	.757	-.360	20	237	.316	.146	1.046	-.174
20	138	.308	.150	.870	-.152	20	188	.305	.141	.763	-.087	20	238	.303	.133	.762	-.055
20	139	.242	.142	.635	-.205	20	189	.365	.151	1.025	-.087	20	239	.270	.123	.771	-.149
20	140	.115	.196	.662	-.497	20	190	.352	.139	.963	-.007	20	240	.272	.118	.710	-.095
20	141	.049	.187	.563	-.632	20	191	.371	.153	1.059	.012	20	241	.240	.109	.630	-.081
20	142	.140	.116	.518	-.247	20	192	.329	.158	.846	-.125	20	242	.251	.113	.632	-.087
20	143	.129	.110	.537	-.276	20	193	.260	.178	.809	-.434	20	243	.244	.116	.669	-.126
20	144	.113	.100	.530	-.158	20	194	.105	.254	.833	-.893	20	244	.277	.118	.728	-.112
20	145	.117	.103	.457	-.223	20	195	.138	.226	.661	-.820	20	245	.282	.134	.725	-.294
20	146	.159	.106	.570	-.176	20	196	.158	.160	.827	-.631	20	246	.274	.113	.641	-.112
20	147	.123	.114	.508	-.201	20	197	-.028	.134	.469	-.445	20	247	.269	.128	.840	-.148
20	148	.386	.176	1.048	-.081	20	198	-.137	.128	.366	-.620	20	248	.300	.127	.815	-.181
20	149	.369	.158	.925	-.123	20	199	.002	.103	.371	-.340	20	249	.308	.136	.899	-.092
20	150	.383	.152	.884	-.153	20	200	.088	.141	.675	-.365	20	250	.229	.111	.636	-.129
20	151	.403	.175	1.113	-.257	20	201	.021	.131	.565	-.334	20	251	.277	.119	.697	-.039
20	152	.223	.148	.787	-.220	20	202	.259	.122	.785	-.128	20	252	.308	.132	.779	-.044
20	153	.262	.144	.815	-.114	20	203	-.145	.124	.305	-.622	20	253	.261	.114	.731	-.199
20	154	.230	.152	.783	-.145	20	204	-.024	.122	.489	-.512	20	254	.283	.129	.676	-.165
20	155	.290	.155	.837	-.091	20	205	.034	.214	.790	-.742	20	255	.300	.116	.698	-.025
20	156	.285	.146	.769	-.122	20	206	.047	.204	.718	-.584	20	256	.308	.122	.869	-.042
20	157	.348	.157	.999	-.228	20	207	.117	.178	.855	-.371	20	257	.329	.125	.796	-.087
20	158	.339	.174	.900	-.313	20	208	.254	.158	.811	-.262	20	258	.272	.118	.659	-.062
20	159	.256	.173	.841	-.244	20	209	.309	.147	.845	-.064	20	259	.246	.113	.645	-.207
20	160	.178	.262	1.082	-.863	20	210	.308	.128	.844	-.045	20	260	.227	.105	.572	-.135
20	161	.222	.224	.932	-1.041	20	211	.269	.122	.709	-.096	20	261	.204	.136	.626	-.299
20	162	.198	.184	.833	-.363	20	212	.246	.146	.737	-.349	20	262	.263	.119	.730	-.160

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	263	.286	.122	.871	-.241	20	401	-.443	.199	.060	-1.296	20	451	-.244	.123	.232	-.706
20	264	.258	.124	.765	-.348	20	402	-.377	.179	.161	-1.358	20	452	-.239	.123	.218	-.787
20	265	.315	.125	.740	-.092	20	403	-.250	.133	.255	-.893	20	453	-.474	.201	.139	-1.257
20	266	.286	.122	.744	-.123	20	404	-.236	.127	.163	-.763	20	454	-.491	.214	.037	-1.363
20	267	.315	.130	.911	-.038	20	405	-.234	.124	.151	-.821	20	455	-.314	.162	.198	-.951
20	268	.325	.124	.862	-.063	20	406	-.233	.125	.180	-.829	20	456	-.311	.160	.298	-.986
20	269	.327	.139	.848	-.044	20	407	-.218	.120	.143	-.695	20	457	-.296	.136	.081	-.927
20	270	.280	.126	.775	-.171	20	408	-.218	.122	.131	-.692	20	458	-.284	.153	.141	-1.048
20	271	.184	.121	.583	-.175	20	409	-.218	.125	.284	-1.015	20	459	-.282	.141	.157	-.869
20	272	.275	.139	.798	-.293	20	410	-.212	.122	.250	-.681	20	460	-.301	.151	.113	-1.369
20	273	.255	.121	.745	-.196	20	411	-.213	.122	.203	-.743	20	461	-.307	.152	.103	-1.327
20	274	.249	.118	.615	-.172	20	412	-.219	.118	.243	-.638	20	462	-.286	.133	.262	-.839
20	275	.245	.109	.677	-.147	20	413	-.231	.120	.178	-.743	20	463	-.288	.131	.176	-.801
20	276	.261	.110	.593	-.131	20	414	-.219	.119	.281	-.710	20	464	-.285	.129	.258	-.763
20	277	.256	.109	.666	-.084	20	415	-.218	.109	.220	-.609	20	465	-.216	.137	.334	-.728
20	278	.235	.104	.813	-.157	20	416	-.180	.118	.234	-.586	20	466	-.101	.135	.362	-.554
20	279	.198	.118	.590	-.230	20	417	-.159	.123	.495	-.763	20	467	-.114	.151	.515	-.542
20	280	.101	.161	.539	-.665	20	418	-.138	.119	.433	-.603	20	468	-.059	.140	.493	-.447
20	281	.052	.180	.553	-.624	20	419	-.129	.130	.538	-.531	20	469	.019	.159	.525	-.443
20	282	-.020	.184	.611	-.668	20	420	-.149	.118	.352	-.549	20	470	-.025	.162	.625	-.469
20	283	.275	.114	.696	-.072	20	421	-.222	.130	.275	-.724	20	471	-.106	.135	.499	-.516
20	284	.228	.113	.627	-.257	20	422	-.267	.143	.094	-1.136	20	472	-.198	.115	.295	-.583
20	285	.249	.104	.611	-.127	20	423	-.253	.147	.172	-.960	20	473	-.250	.126	.230	-.742
20	286	.246	.105	.615	-.114	20	424	-.195	.107	.143	-.826	20	474	-.310	.153	.060	-1.008
20	287	.238	.108	.624	-.113	20	425	-.201	.107	.190	-.749	20	475	-.268	.155	.220	-.957
20	288	.241	.108	.615	-.160	20	426	-.194	.113	.212	-.595	20	476	-.265	.145	.123	-.953
20	289	.219	.118	.607	-.142	20	427	-.467	.175	.091	-1.075	20	477	-.218	.118	.139	-.707
20	290	.166	.112	.611	-.204	20	428	-.443	.192	.146	-1.402	20	478	-.234	.125	.163	-.807
20	291	.138	.114	.583	-.337	20	429	-.240	.149	.255	-1.067	20	479	-.450	.185	.031	-1.234
20	292	-.046	.109	.322	-.446	20	430	-.228	.134	.187	-.778	20	480	-.411	.185	.057	-1.167
20	293	.002	.123	.418	-.463	20	431	-.213	.126	.226	-.726	20	481	-.302	.148	.206	-.878
20	294	.005	.198	.712	-.653	20	432	-.209	.121	.155	-.764	20	482	-.288	.139	.157	-.980
20	295	-.021	.191	.720	-.854	20	433	-.211	.116	.172	-.744	20	483	-.278	.131	.171	-.849
20	296	.140	.159	.751	-.315	20	434	-.215	.117	.190	-.660	20	484	-.270	.124	.100	-.685
20	297	.200	.139	.663	-.235	20	435	-.211	.113	.123	-.923	20	485	-.271	.129	.167	-.697
20	298	.302	.137	.954	-.084	20	436	-.221	.110	.114	-.740	20	486	-.281	.131	.114	-.793
20	299	.313	.126	.729	-.077	20	437	-.245	.115	.176	-.708	20	487	-.286	.134	.141	-.827
20	300	.280	.123	.845	-.223	20	438	-.261	.111	.057	-.702	20	488	-.284	.139	.275	-.772
20	301	.233	.109	.594	-.106	20	439	-.240	.118	.147	-.650	20	489	-.279	.129	.149	-.723
20	302	.248	.106	.591	-.125	20	440	-.179	.116	.266	-.562	20	490	-.249	.137	.283	-.732
20	303	.254	.119	.729	-.128	20	441	-.213	.130	.332	-.666	20	491	-.169	.126	.230	-.559
20	304	.240	.104	.619	-.157	20	442	-.136	.141	.439	-.560	20	492	-.103	.127	.391	-.502
20	305	.241	.112	.644	-.096	20	443	-.057	.147	.463	-.523	20	493	-.120	.154	.342	-.642
20	306	.251	.130	.832	-.130	20	444	-.077	.177	.859	-.564	20	494	-.036	.136	.478	-.439
20	307	.185	.123	.607	-.299	20	445	-.135	.150	.543	-.528	20	495	-.003	.141	.564	-.426
20	308	.161	.118	.658	-.299	20	446	-.186	.119	.296	-.564	20	496	-.017	.158	.544	-.530
20	309	.162	.125	.640	-.144	20	447	-.238	.126	.198	-.688	20	497	-.082	.140	.548	-.461
20	310	.070	.118	.593	-.335	20	448	-.344	.167	.164	-1.211	20	498	-.195	.129	.356	-.595
20	311	-.049	.125	.469	-.475	20	449	-.302	.153	.198	-.931	20	499	-.260	.134	.157	-.847
20	312	-.181	.142	.360	-.714	20	450	-.276	.143	.155	-1.241	20	500	-.321	.165	.123	-1.213

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	501	-.352	.156	.131	-.957	20	551	-.246	.138	.258	-.787	20	617	-.268	.113	.083	-.697
20	502	-.254	.135	.194	-.803	20	552	-.203	.110	.184	-.614	20	618	-.287	.112	.033	-.748
20	503	-.230	.121	.192	-.646	20	553	-.161	.112	.234	-.498	20	619	-.226	.104	.103	-.617
20	504	-.231	.134	.165	-.870	20	554	-.203	.109	.128	-.545	20	620	-.187	.105	.186	-.550
20	505	-.275	.148	.208	-.843	20	555	-.186	.102	.156	-.518	20	621	-.177	.098	.145	-.565
20	506	-.305	.151	.153	-.866	20	556	-.156	.098	.201	-.496	20	622	-.172	.099	.135	-.548
20	507	-.217	.162	.330	-.734	20	557	-.147	.108	.211	-.476	20	623	-.190	.099	.127	-.533
20	508	-.086	.164	.635	-.634	20	558	-.393	.287	.455	-1.221	20	624	-.200	.105	.098	-.546
20	509	-.039	.144	.533	-.551	20	559	-.316	.306	.487	-1.332	20	625	-.207	.100	.110	-.538
20	510	-.086	.148	.401	-.797	20	560	-.114	.109	.195	-.625	20	626	-.211	.098	.156	-.519
20	511	-.091	.139	.371	-.640	20	561	-.245	.118	.221	-.661	20	627	-.216	.103	.122	-.640
20	512	-.093	.138	.584	-.514	20	562	-.281	.129	.150	-.788	20	628	-.205	.096	.112	-.560
20	513	-.261	.140	.332	-.673	20	563	-.386	.154	.066	-.990	20	629	-.195	.099	.078	-.489
20	514	-.240	.131	.156	-.699	20	564	-.338	.172	.241	-.897	20	630	-.207	.106	.088	-.573
20	515	-.231	.139	.210	-.771	20	565	-.151	.129	.219	-.710	20	631	-.248	.111	.116	-.635
20	516	-.124	.147	.485	-.574	20	566	-.190	.105	.162	-.603	20	632	-.240	.112	.178	-.659
20	517	-.079	.142	.421	-.530	20	567	-.198	.109	.130	-.526	20	633	-.221	.105	.200	-.548
20	518	-.087	.114	.345	-.467	20	568	-.388	.142	.058	-.885	20	634	-.226	.112	.180	-.631
20	519	-.068	.119	.333	-.490	20	569	-.423	.157	.162	-1.175	20	635	-.218	.112	.096	-.608
20	520	-.047	.125	.431	-.477	20	570	-.183	.121	.177	-.804	20	636	-.215	.104	.100	-.553
20	521	-.257	.120	.132	-.717	20	571	-.174	.107	.140	-.581	20	637	-.213	.103	.144	-.608
20	522	-.242	.125	.164	-.656	20	572	-.168	.105	.175	-.557	20	638	-.214	.109	.191	-.589
20	523	-.203	.089	.087	-.502	20	573	-.349	.182	.451	-1.197	20	639	-.216	.108	.098	-.650
20	524	-.004	.136	.524	-.433	20	574	-.255	.143	.249	-.843	20	640	-.220	.103	.196	-.588
20	525	-.082	.119	.489	-.439	20	575	-.195	.131	.257	-.700	20	641	-.215	.103	.118	-.573
20	526	-.136	.106	.329	-.471	20	576	-.106	.125	.281	-.565	20	642	-.217	.108	.176	-.591
20	527	-.281	.138	.298	-.727	20	577	-.135	.121	.263	-.516	20	643	-.221	.109	.149	-.604
20	528	-.290	.138	.194	-.984	20	578	-.129	.112	.303	-.518	20	644	-.245	.104	.098	-.677
20	529	-.245	.136	.188	-.767	20	579	-.130	.124	.269	-.577	20	645	-.229	.098	.111	-.630
20	530	-.063	.134	.477	-.439	20	580	-.187	.140	.267	-.655	20	646	-.254	.110	.138	-.651
20	531	-.078	.117	.328	-.464	20	581	.032	.121	.521	-.341	20	647	-.273	.121	.125	-.682
20	532	-.075	.109	.345	-.431	20	582	.209	.133	.624	-.218	20	648	-.268	.120	.091	-.956
20	533	-.230	.115	.140	-.799	20	583	.234	.132	.688	-.210	20	649	-.243	.114	.147	-.586
20	534	-.243	.120	.216	-.574	20	584	.211	.149	.763	-.325	20	650	-.302	.137	.050	-.951
20	535	-.212	.086	.041	-.534	20	601	-.257	.130	.223	-.903	20	651	-.377	.146	.051	-1.173
20	536	-.182	.076	.023	-.435	20	602	-.247	.130	.146	-.821	20	652	-.296	.116	.098	-.783
20	537	-.179	.096	.114	-.465	20	603	-.244	.115	.130	-.675	20	653	-.245	.108	.125	-.662
20	538	-.452	.166	.053	-1.099	20	604	-.241	.124	.144	-.712	20	654	-.190	.095	.145	-.503
20	539	-.400	.173	.120	-1.074	20	605	-.240	.117	.193	-.591	20	655	-.179	.094	.105	-.476
20	540	-.232	.134	.189	-.794	20	606	-.238	.134	.215	-.766	20	656	-.183	.101	.152	-.477
20	541	-.234	.117	.095	-.592	20	607	-.240	.123	.189	-.726	20	657	-.191	.096	.157	-.546
20	542	-.240	.131	.075	-.861	20	608	-.232	.121	.130	-.655	20	658	-.192	.098	.204	-.531
20	543	-.240	.122	.154	-.638	20	609	-.241	.121	.100	-.686	20	659	-.198	.097	.162	-.546
20	544	-.224	.142	.194	-.656	20	610	-.230	.117	.150	-.740	20	660	-.211	.096	.105	-.570
20	545	-.276	.143	.309	-.851	20	611	-.240	.115	.142	-.647	20	661	-.208	.097	.093	-.494
20	546	-.297	.152	.228	-.902	20	612	-.243	.111	.251	-.712	20	662	-.208	.097	.102	-.499
20	547	-.207	.136	.302	-.711	20	613	-.236	.118	.193	-.684	20	663	-.214	.095	.095	-.582
20	548	-.203	.143	.339	-.813	20	614	-.257	.122	.130	-.782	20	664	-.204	.103	.115	-.578
20	549	-.098	.163	.508	-.656	20	615	-.272	.130	.191	-.724	20	665	-.238	.106	.169	-.642
20	550	-.033	.138	.586	-.439	20	616	-.269	.119	.111	-.679	20	666	-.233	.109	.085	-.602

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	667	-.193	.110	.189	-.619
20	668	-.190	.098	.129	-.528
20	669	-.242	.108	.096	-.770
20	670	-.229	.117	.158	-.661
20	671	-.216	.109	.151	-.670
20	672	-.214	.112	.174	-.642
20	673	-.218	.106	.140	-.617
20	674	-.213	.113	.193	-.633
20	675	-.206	.115	.107	-.622
20	676	-.211	.120	.198	-.568
20	677	-.206	.110	.113	-.586
20	678	-.210	.107	.116	-.595
20	679	-.201	.104	.185	-.531
20	680	-.206	.106	.138	-.558
20	681	-.214	.108	.151	-.628
20	682	-.253	.112	.089	-.681
20	683	-.261	.107	.098	-.619
20	684	-.274	.109	.041	-.713
20	685	-.250	.100	.036	-.682
20	686	-.160	.107	.204	-.580
20	687	-.169	.105	.192	-.553
20	688	-.174	.101	.197	-.494
20	689	-.165	.099	.098	-.496
20	690	-.172	.090	.109	-.451
20	691	-.189	.093	.171	-.504
20	692	-.206	.095	.132	-.516
20	693	-.207	.098	.147	-.528
20	694	-.203	.095	.110	-.511
20	695	-.213	.093	.075	-.489
20	696	-.207	.088	.063	-.489
20	697	-.206	.099	.120	-.622
20	698	-.213	.099	.149	-.592
20	699	-.196	.097	.147	-.548
20	700	-.192	.098	.123	-.617
20	701	-.191	.107	.262	-.531
20	702	-.194	.102	.121	-.489
20	703	-.202	.106	.189	-.559
20	704	-.202	.104	.130	-.535
20	705	-.205	.116	.163	-.609
20	706	-.196	.108	.244	-.570
20	707	-.190	.099	.124	-.528
20	708	-.217	.111	.205	-.548
20	709	-.291	.116	.056	-.712
20	710	-.309	.119	.058	-.900
20	711	-.268	.122	.111	-.671
20	712	-.248	.131	.129	-1.055
20	713	-.239	.118	.093	-.736
20	714	-.182	.097	.132	-.499
20	715	-.171	.101	.164	-.540
20	716	-.178	.102	.134	-.548
20	717	-.188	.099	.151	-.537
20	718	-.209	.098	.150	-.545
20	719	-.208	.107	.176	-.556
20	720	-.218	.105	.118	-.582
20	721	-.220	.100	.104	-.521
20	722	-.208	.105	.091	-.623
20	723	-.208	.124	.203	-.565
20	724	-.217	.101	.157	-.576
20	725	-.197	.105	.154	-.507
20	726	-.198	.102	.132	-.548
20	727	-.207	.108	.132	-.564
20	728	-.215	.115	.143	-.657
20	729	-.172	.101	.260	-.543
20	730	-.186	.109	.179	-.535
20	731	-.188	.101	.162	-.531
20	732	-.187	.102	.124	-.557
20	733	-.212	.111	.149	-.605
20	734	-.208	.105	.117	-.534
20	735	-.199	.110	.183	-.682
20	736	-.187	.104	.126	-.634
20	737	-.168	.096	.161	-.539
20	738	-.192	.103	.191	-.518
20	739	-.189	.104	.157	-.581
20	740	-.190	.113	.198	-.627
20	741	-.163	.109	.202	-.550
20	742	-.142	.100	.214	-.457
20	743	-.167	.094	.192	-.441
20	744	-.200	.098	.162	-.564
20	745	-.190	.100	.098	-.512
20	746	-.179	.113	.205	-.533
20	747	-.163	.098	.185	-.496
20	748	-.187	.110	.185	-.609
20	749	-.168	.108	.246	-.657
20	750	-.117	.099	.321	-.542
20	751	-.153	.104	.214	-.476
20	752	-.223	.104	.137	-.548
20	753	-.184	.116	.165	-.629
20	754	-.160	.110	.220	-.496
20	755	-.104	.109	.272	-.563
20	756	-.091	.103	.233	-.476
20	757	-.087	.104	.269	-.424
20	758	-.113	.106	.231	-.494
20	759	-.134	.100	.176	-.509
20	760	-.151	.109	.261	-.500
20	761	-.153	.109	.185	-.553
20	762	-.156	.122	.249	-.513
20	763	-.155	.116	.246	-.572
20	764	-.141	.098	.212	-.483
20	765	-.170	.098	.179	-.522
20	766	-.176	.103	.144	-.514
20	767	-.173	.109	.196	-.575
20	768	-.190	.110	.178	-.559
20	769	-.183	.108	.143	-.579
20	770	-.172	.105	.159	-.566
20	771	-.173	.108	.141	-.544
20	772	-.188	.103	.152	-.463
20	773	-.189	.101	.133	-.599
20	774	-.184	.098	.135	-.515
20	775	-.184	.101	.174	-.535
20	776	-.184	.103	.106	-.577
20	777	-.175	.106	.255	-.510
20	778	-.166	.103	.158	-.492
20	779	-.154	.101	.141	-.481
20	780	-.149	.101	.178	-.464
20	781	-.173	.112	.194	-.561
20	782	-.133	.119	.260	-.537
20	783	-.125	.103	.211	-.490
20	784	-.096	.104	.313	-.404
20	785	-.117	.101	.299	-.408
20	786	-.158	.101	.332	-.559
20	787	-.178	.100	.165	-.582
20	788	-.160	.097	.179	-.508
20	789	-.166	.101	.174	-.508
20	790	-.205	.097	.137	-.564
20	791	-.214	.100	.156	-.581
20	792	-.225	.105	.097	-.554
20	793	-.218	.105	.131	-.531
20	794	-.198	.101	.172	-.498
20	795	-.194	.100	.123	-.543
20	796	-.193	.102	.211	-.494
20	797	-.153	.102	.202	-.474
20	798	-.156	.106	.178	-.539
20	799	-.156	.099	.138	-.464
20	800	-.156	.099	.149	-.525
20	801	-.134	.103	.220	-.483
20	802	-.130	.100	.169	-.485
20	803	-.132	.102	.277	-.472
20	804	-.104	.080	.201	-.394
20	805	-.156	.097	.122	-.464
20	806	-.193	.090	.109	-.466
20	807	-.192	.096	.086	-.559
20	808	-.182	.091	.169	-.436
20	809	-.180	.087	.128	-.447
20	901	-.215	.102	.113	-.629
20	902	-.231	.101	.133	-.651
20	903	-.234	.114	.162	-.679
20	904	-.238	.113	.140	-.818
20	905	-.191	.107	.157	-.580
20	906	-.174	.108	.335	-.560
20	907	-.159	.116	.262	-.599

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	908	-.273	.165	.216	-.977
20	909	-.346	.195	.274	-1.110
20	910	-.091	.146	.512	-.599
20	911	-.033	.149	.552	-.540
20	912	.003	.160	.767	-.522
20	913	-.014	.173	.706	-.582
20	914	-.056	.180	.633	-.756
20	915	-.037	.154	.474	-.855
20	916	-.079	.176	.499	-1.145
20	917	-.126	.182	.438	-1.364
20	918	-.121	.116	.261	-.694
20	919	-.108	.125	.313	-.612
20	920	-.126	.133	.261	-.729
20	921	-.141	.129	.296	-.865
20	922	-.112	.133	.303	-.713
20	923	-.115	.148	.329	-.950
20	924	-.203	.183	.388	-1.234
20	925	-.409	.200	.370	-1.096
20	926	-.375	.182	.375	-1.185
20	927	-.227	.099	.080	-.624
20	928	-.213	.105	.122	-.632
20	929	-.235	.115	.154	-.652
20	930	-.224	.101	.105	-.560
20	931	-.184	.108	.195	-.602
20	932	-.171	.101	.251	-.590
20	933	-.165	.130	.311	-.741
20	934	-.269	.197	.318	-.994
20	935	-.325	.198	.294	-1.128
20	936	-.111	.137	.407	-.619
20	937	-.017	.134	.447	-.426
20	938	.089	.152	.668	-.314
20	939	.092	.142	.569	-.292
20	940	.091	.144	.713	-.362
20	941	.019	.131	.510	-.594
20	942	-.062	.149	.462	-.764
20	943	-.104	.139	.346	-.904
20	944	-.129	.134	.294	-.702
20	945	-.117	.123	.242	-.706
20	946	-.106	.122	.301	-.615
20	947	-.112	.124	.316	-.552
20	948	-.123	.141	.460	-.864
20	949	-.129	.149	.330	-.896
20	950	-.232	.186	.387	-1.067
20	951	-.323	.194	.182	-1.188
20	952	-.308	.193	.255	-1.067
20	953	-.216	.110	.092	-.738
20	954	-.217	.102	.085	-.596
20	955	-.220	.105	.140	-.596
20	956	-.223	.107	.111	-.711
20	957	-.187	.098	.109	-.530
20	958	-.152	.100	.175	-.542
20	959	-.103	.116	.362	-.582
20	960	-.149	.180	.392	-1.013
20	961	-.244	.197	.416	-1.050
20	962	-.051	.146	.518	-.560
20	963	.012	.129	.462	-.393
20	964	.064	.121	.662	-.282
20	965	.067	.122	.587	-.338
20	966	.066	.120	.444	-.296
20	967	-.022	.121	.423	-.410
20	968	-.073	.115	.431	-.416
20	969	-.051	.105	.282	-.459
20	970	-.083	.110	.297	-.445
20	971	-.081	.118	.299	-.667
20	972	-.082	.116	.382	-.535
20	973	-.089	.128	.345	-.781
20	974	-.104	.144	.498	-.774
20	975	-.123	.149	.425	-.805
20	976	-.184	.168	.352	-.940
20	977	-.229	.183	.233	-.960
20	978	-.211	.163	.275	-.874
20	979	-.227	.196	.216	-.647
20	980	-.219	.105	.074	-.711
20	981	-.226	.100	.101	-.604
20	982	-.220	.100	.138	-.532
20	983	-.195	.193	.121	-.618
20	984	-.160	.107	.213	-.515
20	985	-.109	.107	.253	-.442
20	986	-.145	.166	.316	-.777
20	987	-.220	.165	.423	-.871
20	988	-.030	.141	.575	-.513
20	989	.047	.133	.677	-.345
20	990	.084	.128	.633	-.298
20	991	.063	.118	.580	-.301
20	992	.067	.112	.508	-.330
20	993	-.010	.110	.403	-.404
20	994	-.057	.107	.299	-.422
20	995	-.025	.107	.410	-.390
20	996	-.052	.105	.288	-.489
20	997	-.104	.110	.218	-.483
20	998	-.088	.114	.248	-.751
20	999	-.091	.126	.407	-.642
20	1000	-.092	.130	.304	-.598
20	1001	-.110	.126	.300	-.609
20	1002	-.172	.133	.348	-.912
20	1003	-.232	.166	.261	-.870
20	1004	-.254	.185	.237	-.979
20	1005	.089	.138	.615	-.544
20	1006	.069	.124	.446	-.607
20	1007	.027	.113	.435	-.474
20	1008	-.033	.119	.374	-.522
20	1009	-.107	.124	.342	-.590
20	1010	-.132	.124	.315	-.737
20	1011	-.132	.119	.231	-.690
20	1012	.061	.105	.401	-.248
20	1013	.059	.111	.466	-.276
20	1014	.031	.108	.346	-.320
20	1015	-.004	.126	.495	-.408
20	1016	-.057	.121	.443	-.469
20	1017	-.107	.129	.328	-.721
20	1018	-.104	.119	.286	-.579
20	1019	-.193	.096	.147	-.541
20	1020	-.207	.102	.114	-.587
20	1021	-.247	.103	.097	-.631
20	1022	-.276	.109	.119	-.634
20	1023	-.205	.099	.191	-.545
20	1024	-.168	.108	.198	-.517
20	1025	-.063	.112	.394	-.466
20	1026	.040	.110	.455	-.296
20	1027	.069	.114	.404	-.293
20	1028	-.089	.140	.390	-.612
20	1029	-.109	.125	.312	-.595
20	1030	-.091	.111	.296	-.576
20	1031	.112	.128	.604	-.293
20	1032	.016	.109	.373	-.377
20	1033	.018	.108	.387	-.439
20	1034	.014	.105	.469	-.348
20	1035	-.001	.101	.326	-.382
20	1036	-.040	.110	.337	-.509
20	1037	-.182	.129	.231	-.665
20	1038	-.037	.157	.679	-.432
20	1039	-.146	.101	.166	-.467
20	1040	-.125	.098	.183	-.439
20	1041	-.099	.102	.303	-.471
20	1042	-.115	.101	.196	-.468
20	1043	-.039	.098	.286	-.360
20	1044	.032	.098	.319	-.259
20	1045	.016	.108	.400	-.402
20	1046	.004	.104	.344	-.372
20	1047	-.008	.102	.304	-.374
20	1048	-.034	.101	.257	-.344
20	1049	-.043	.089	.217	-.348
20	1050	-.044	.091	.254	-.464
20	1051	-.057	.112	.298	-.534
20	1052	-.096	.106	.240	-.480
20	1053	-.175	.126	.309	-.641
20	1054	-.162	.137	.268	-.683
20	1055	-.206	.110	.141	-.555
20	1056	-.172	.101	.135	-.590
20	1057	-.063	.105	.431	-.391

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	1058	-.139	.239	.685	-1.004
20	1059	-.129	.264	.572	-1.100
20	1060	-.188	.095	.161	-.493
20	1061	-.172	.100	.163	-.575
20	1062	-.091	.102	.283	-.482
20	1063	-.295	.227	.543	-1.121
20	1064	-.309	.189	.372	-.938
20	1065	-.209	.106	.212	-.575
20	1066	-.194	.103	.154	-.530
20	1067	-.134	.120	.226	-.707
20	1068	-.294	.153	.326	-.801
20	1069	-.321	.129	.167	-.966
20	1070	-.147	.097	.243	-.473
20	1071	-.098	.107	.318	-.473
20	1072	-.127	.129	.264	-.649
20	1073	-.204	.116	.195	-.562
20	1074	-.248	.125	.107	-.647
20	1075	.045	.117	.491	-.301
20	1076	-.125	.129	.346	-.516
20	1077	-.080	.096	.241	-.395
20	1078	-.076	.110	.263	-.619
20	1079	.245	.118	.627	-.222
20	1080	.281	.133	.800	-.070
20	1081	.288	.136	.793	-.074
20	1201	.120	.125	.548	-.316
20	1202	.250	.119	.625	-.129
20	1203	-.098	.103	.211	-.459
20	1204	.051	.105	.375	-.302
20	1205	.030	.095	.311	-.318
20	1206	-.054	.098	.273	-.395
20	1207	-.165	.111	.204	-.470
20	1208	-.155	.099	.209	-.499
20	1209	-.149	.105	.180	-.521
20	1210	-.165	.103	.213	-.499
20	1211	-.083	.110	.251	-.454
20	1212	-.130	.107	.198	-.485
20	1213	-.170	.104	.145	-.561
20	1214	-.168	.099	.202	-.454
20	1215	-.183	.097	.140	-.574
20	1216	-.263	.122	.154	-.895
20	1217	-.072	.115	.309	-.534
20	1218	-.189	.106	.243	-.500
20	1219	-.089	.294	.537	-1.411
20	1220	-.243	.299	.363	-1.342
20	1221	-.094	.100	.280	-.505
20	1222	-.185	.094	.140	-.542
20	1223	-.254	.116	.066	-.666
20	1224	-.094	.102	.279	-.444
20	1301	-.023	.125	.446	-.517
20	1302	-.019	.111	.387	-.438
20	1303	-.076	.113	.323	-.445
20	1304	-.029	.133	.495	-.568
20	1305	-.009	.118	.369	-.538
20	1306	-.012	.127	.458	-.412
20	1401	.269	.136	.880	-.119
20	1402	.251	.121	.719	-.177
20	1403	.232	.109	.588	-.067
20	1404	.261	.120	.685	-.082
20	1405	.274	.122	.677	-.192
20	1406	.310	.141	.937	-.104
20	1407	.269	.129	.877	-.137
20	1408	.297	.155	.898	-.166
20	1409	.243	.119	.612	-.208
20	1410	.173	.112	.473	-.181
20	1411	.116	.170	.676	-.456
20	1412	.221	.137	.723	-.102
20	1413	.198	.124	.654	-.181
20	1414	.233	.114	.639	-.120
20	1415	.125	.129	.581	-.286
20	1416	.202	.119	.643	-.139
20	1417	.287	.139	.833	-.108
20	1418	.163	.112	.553	-.212
20	1419	-.312	.132	.097	-.851
20	1420	-.263	.125	.267	-.723
20	1421	-.220	.108	.139	-.701
20	1422	-.188	.130	.267	-.750
20	1423	-.191	.110	.217	-.537
20	1424	-.204	.098	.046	-.619
20	1425	-.185	.139	.376	-.774
20	1426	-.189	.111	.179	-.575
20	1427	-.100	.141	.422	-.679
20	1428	-.033	.123	.431	-.440
20	1429	.019	.127	.440	-.838
20	1430	-.604	.206	-.020	-1.574
20	1431	-.446	.239	.223	-1.566
20	1432	-.245	.139	.185	-.925
20	1433	-.196	.115	.183	-.695
20	1434	-.075	.135	.336	-.661
20	1435	-.077	.114	.285	-.472
20	1436	-.084	.118	.298	-.591
20	1437	.062	.136	.566	-.739
20	1438	-.345	.137	.238	-.929
20	1439	-.577	.182	-.029	-1.420
20	1440	-.046	.113	.335	-.384
20	1441	-.045	.118	.422	-.409
20	1442	.065	.118	.519	-.342
20	1443	-.155	.116	.212	-.546
20	1444	-.537	.204	.081	-1.402
20	1445	-.080	.134	.397	-.801
20	1446	-.225	.153	.135	-.747
20	1447	-.146	.122	.237	-.589
20	1448	-.463	.151	.046	-1.208
20	1449	-.168	.149	.216	-.825
20	1450	-.026	.122	.395	-.471
20	1451	-.575	.223	.178	-1.479
20	1452	-.522	.177	-.079	-1.197
20	1453	-.285	.127	.104	-.786
20	1454	-.305	.120	.088	-.849
20	1455	-.260	.110	.083	-.615
20	1456	-.259	.098	.049	-.692
20	1457	-.239	.102	.107	-.650
20	1458	-.304	.138	.087	-.896
20	1459	-.262	.131	.174	-.901
20	1460	-.230	.129	.183	-.721
20	1461	-.195	.100	.143	-.596
20	1462	-.329	.156	.050	-1.110
20	1463	-.087	.118	.309	-.421
20	1464	-.004	.130	.518	-.508
20	1465	.035	.143	.612	-.356
20	1466	-.184	.103	.223	-.547
20	1467	-.215	.135	.311	-.704
20	1468	-.147	.107	.226	-.445
20	1469	-.125	.118	.270	-.580
20	1470	.019	.148	.672	-.389
20	1471	-.211	.113	.132	-.780
20	1472	-.366	.171	.241	-1.312
20	1473	-.267	.151	.177	-1.098
20	1474	-.200	.123	.206	-.757
20	1475	-.192	.106	.175	-.707
20	1476	-.193	.105	.167	-.523
20	1477	-.152	.136	.224	-.996
20	1478	-.050	.112	.307	-.391
30	101	-.086	.165	.620	-.609
30	102	.039	.174	.939	-.803
30	103	.160	.189	1.049	-.794
30	104	.140	.226	1.238	-.626
30	105	.276	.192	.959	-.506
30	106	.251	.177	.905	-.314
30	107	.235	.159	.893	-.256
30	108	.172	.139	.782	-.295
30	109	.112	.132	.622	-.307
30	110	-.168	.173	.392	-.929
30	111	-.148	.174	.414	-.900
30	112	-.042	.095	.227	-.418
30	113	-.058	.112	.271	-.428
30	114	-.070	.119	.292	-.449
30	115	-.091	.114	.289	-.457
30	116	-.105	.137	.357	-.552
30	117	.017	.158	.552	-.517
30	118	.056	.141	.587	-.339