

plot area calculations			
(plot as per AR proposal)			
1	p1:2/3x	9.312 x 1.425 x 1 =	8.85 sqm.
2	p2:1/2x	10.843 x 1.203 x 1 =	6.52 sqm.
3	p3:1/2x	15.031 x 2.209 x 1 =	16.60 sqm.
4	p4:1/2x	20.765 x 4.204 x 1 =	43.65 sqm.
5	p5:1/2x	29.741 x 3.976 x 1 =	59.13 sqm.
6	p6:1/2x	63.826 x16.375 x 1 =	522.58 sqm.
7	p7:1/2x	84.888 x 5.366 x 1 =	227.75 sqm.
8	p8:1/2x	96.149 x 2.388 x 1 =	114.80 sqm.
9	p9:1/2x	114.476 x 2.852 x 1 =	163.24 sqm.
10	p10:1/2x	146.930 x 3.216 x 1 =	736.26 sqm.
11	p11:1/2x	177.809 x 1.779 x 1 =	158.16 sqm.
12	p12:1/2x	196.108 x43.764 x 1 =	4291.24 sqm.
13	p13:1/2x	196.108 x65.113 x 1 =	6384.59 sqm.
14	p14:1/2x	82.253 x17.314 x 1 =	712.06 sqm.
15	p15:1/2x	126.204 x 6.684 x 1 =	421.77 sqm.
16	p16:1/2x	126.204 x19.234 x 1 =	1213.70 sqm.
17	p17:1/2x	64.622 x 7.453 x 1 =	240.81 sqm.
18	p18:1/2x	57.472 x13.760 x 1 =	395.41 sqm.
total plot area =15217.12 sqm. ①			

ROS1.4 reservation area calculation			
(plot as per AR proposal)			
1	ro1:1/2x	54.290 x 9.014 x 1 =	244.69 sqm.
2	ro2:1/2x	55.145 x20.787 x 1 =	573.15 sqm.
3	ro3:1/2x	67.317 x23.566 x 1 =	793.20 sqm.
4	ro4:1/2x	63.398 x14.927 x 1 =	473.17 sqm.
5	ro5:1/2x	43.460 x 5.379 x 1 =	116.89 sqm.
6	ro6:1/2x	63.398 x15.949 x 1 =	505.57 sqm.
7	ro7:1/2x	44.285 x17.481 x 1 =	387.07 sqm.
8	ro8:1/2x	36.049 x11.432 x 1 =	206.06 sqm.
9	ro9:1/2x	62.007 x31.109 x 1 =	1275.58 sqm.
10	ro10:2/3x	70.937 x 0.692 x 1 =	32.73 sqm.
total ROS1.4 reservation area = 4608.11sqm. ②			

RE1.2 reservation area calculation			
(plot as per DCR 14(A))			
1	re1:1/2x	69.250 x20.061 x 1 =	694.61 sqm.
2	re2:1/2x	69.250 x19.294 x 1 =	668.03 sqm.
total DCR 14(A) amenity area = 1362.66 sqm. ④			

RE1.2 reservation area calculation			
(plot as per AR proposal)			
1	re3:1/2x	62.150 x15.056 x 1 =	467.87 sqm.
2	re4:1/2x	62.150 x17.404 x 1 =	540.83 sqm.
total AR plot area = 1008.70 sqm. ③			

open plot area calculations

(plot as per RDDP 2034)			
1	p1:2/3x	9.312 x 1.425 x 1 =	8.85 sqm.
2	p2:1/2x	10.843 x 1.198 x 1 =	6.49 sqm.
3	p3:1/2x	15.031 x 2.209 x 1 =	16.60 sqm.
4	p4:1/2x	20.765 x 4.204 x 1 =	43.65 sqm.
5	p5:1/2x	29.741 x 3.976 x 1 =	59.13 sqm.
6	p6:1/2x	63.826 x16.375 x 1 =	522.58 sqm.
7	p7:1/2x	84.888 x 5.366 x 1 =	227.75 sqm.
8	p8:1/2x	96.149 x 2.388 x 1 =	114.80 sqm.
9	p9:1/2x	114.476 x 2.852 x 1 =	163.24 sqm.
10	p10:1/2x	146.930 x 3.216 x 1 =	736.26 sqm.
11	p11:1/2x	177.809 x 1.779 x 1 =	158.16 sqm.
12	p12:1/2x	196.108 x43.764 x 1 =	4291.24 sqm.
13	p13:1/2x	196.108 x65.112 x 1 =	6384.59 sqm.
total plot area =12233.34 sqm. ①			

ROS1.4 reservation area calculation

(plot as per RDDP 2034)			
1	ro1:1/2x	130.077 x26.139 x 1 =	1700.04 sqm.
2	ro2:1/2x	56.642 x 2.744 x 1 =	77.71 sqm.
3	ro3:1/2x	130.077 x14.718 x 1 =	957.24 sqm.
4	ro4:1/2x	77.853 x 7.776 x 1 =	302.69 sqm.
5	ro5:1/2x	70.973 x14.129 x 1 =	501.39 sqm.
6	ro6:1/2x	56.829 x 5.206 x 1 =	147.93 sqm.
7	ro7:1/2x	53.359 x21.681 x 1 =	578.44 sqm.
8	ro8:1/2x	49.153 x26.567 x 1 =	702.08 sqm.
9	ro9:1/2x	101.833 x31.090 x 1 =	1582.99 sqm.
10	ro10:2/3x	70.937 x 0.692 x 1 =	32.73 sqm.
total ROS1.4 reservation area = 6583.24 sqm. ②			

RE1.2 reservation area calculation

(plot as per RDDP 2034)			
1	re1:1/2x	99.954 x34.505 x 1 =	1724.46 sqm.
2	re2:1/2x	99.954 x33.126 x 1 =	1655.54 sqm.
total RE1.1 reservation area = 3380.00 sqm. ③			

existing 27.45m. wide d.p. road

(plot as per RDDP 2034)			
1	rd1:1/2x	46.458 x21.725 x 1 =	504.65 sqm.
2	rd2:1/2x	46.458 x22.240 x 1 =	516.61 sqm.
total exis. 27.45m. w. d.p. road. area =1021.26 sqm. ④			

proposed 13.40m. wide d.p. road

(plot as per RDDP 2034)			
additions-			
1	rd1:1/2x	27.149 x 6.515 x 1 =	88.44 sqm.
2	rd2:1/2x	21.507 x 4.354 x 1 =	46.82 sqm.
3	rd3:1/2x	15.400 x 3.952 x 1 =	30.43 sqm.
4	rd4:1/2x	46.207 x13.390 x 1 =	309.36 sqm.
5	rd5:1/2x	41.061 x12.684 x 1 =	260.41 sqm.
total additions = 735.46 sqm. ⑤			

deductions-

1	a1:2/3x	9.311 x 1.424 x 1 =	8.84 sqm.
2	a2:2/3x	9.013 x 1.606 x 1 =	9.98 sqm.
total deductions = 18.82 sqm. ⑥			
total prop. 13.40m. w. d.p. road. area = 716.64 sqm. ⑦			

ROS1.4 area calculation

(plot as per RDDP 2034 adjusted towards 14(A) amenity)			
1	ro1:1/2x	27.507 x11.419 x 1 =	157.05 sqm.
2	ro2:1/2x	29.309 x 9.509 x 1 =	139.59 sqm.
3	ro3:1/2x	30.428 x 3.980 x 1 =	60.55 sqm.
total prop. ROS1.4 area = 356.95 sqm. ⑧			

proposed 18.30m. wide d.p. road

(plot as per RDDP 2034)			
1	rd1:1/2x	38.887 x11.829 x 1 =	230.00 sqm.
2	rd2:1/2x	19.488 x16.199 x 1 =	157.84 sqm.
total prop. 18.30m. w. d.p. road. area = 387.84 sqm. ⑨			

slum encroachment area calculation

(plot as per RDDP 2034)			
1	se1:1/2x	39.846 x12.321 x 1 =	245.47 sqm.
2	se2:1/2x	20.360 x12.332 x 1 =	125.54 sqm.
3	se3:1/2x	20.482 x 3.013 x 1 =	50.86 sqm.
4	se4:1/2x	27.051 x12.683 x 1 =	171.54 sqm.
5	se5:1/2x	27.051 x12.899 x 1 =	174.47 sqm.
total slum encroachment area = 747.88 sqm. ⑩			
total project land area (1+2+3+4+5+6+7+8) =25427.15 sqm. ⑪			

ROS1.4 reservation area calculation			
(plot as per AR proposal)			
1	ro1:1/2x	54.290 x 9.014 x 1 =	244.69 sqm.
2	ro2:1/2x	55.145 x20.787 x 1 =	573.15 sqm.
3	ro3:1/2x	67.317 x23.566 x 1 =	793.20 sqm.
4	ro4:1/2x	63.398 x14.927 x 1 =	473.17 sqm.
5	ro5:1/2x	43.460 x 5.379 x 1 =	116.89 sqm.
6	ro6:1/2x	63.398 x15.949 x 1 =	505.57 sqm.
7	ro7:1/2x	44.285 x17.481 x 1 =	387.07 sqm.
8	ro8:1/2x	36.049 x11.432 x 1 =	206.06 sqm.
9	ro9:1/2x	62.007 x31.109 x 1 =	1275.58 sqm.
10	ro10:2/3x	70.937 x 0.692 x 1 =	32.73 sqm.
total ROS1.4 reservation area = 4608.11sqm. ②			

RE1.2 reservation area calculation			
(plot as per DCR 14(A))			
1	re1:1/2x	69.250 x20.061 x 1 =	694.61 sqm.
2	re2:1/2x	69.250 x19.294 x 1 =	668.03 sqm.
total DCR 14(A) amenity area = 1362.66 sqm. ④			

RE1.2 reservation area calculation			
(plot as per AR proposal)			
1	re3:1/2x	62.150 x15.056 x 1 =	467.87 sqm.
2	re4:1/2x	62.150 x17.404 x 1 =	540.83 sqm.
total AR plot area = 1008.70 sqm. ③			

open plot area calculations

(plot as per RDDP 2034)			
1	p1:2/3x	9.312 x 1.425 x 1 =	8.85 sqm.
2	p2:1/2x	10.843 x 1.198 x 1 =	6.49 sqm.
3	p3:1/2x	15.031 x 2.209 x 1 =	16.60 sqm.
4	p4:1/2x	20.765 x 4.204 x 1 =	43.65 sqm.
5	p5:1/2x	29.741 x 3.976 x 1 =	59.13 sqm.
6	p6:1/2x	63.826 x16.375 x 1 =	522.58 sqm.
7	p7:1/2x	84.888 x 5.366 x 1 =	227.75 sqm.
8	p8:1/2x	96.149 x 2.388 x 1 =	114.80 sqm.
9	p9:1/2x	114.476 x 2.852 x 1 =	163.24 sqm.
10	p10:1/2x	146.930 x 3.216 x 1 =	736.26 sqm.
11	p11:1/2x	177.809 x 1.779 x 1 =	158.16 sqm.
12	p12:1/2x	196.108 x43.764 x 1 =	4291.24 sqm.
13	p13:1/2x	196.108 x65.112 x 1 =	6384.59 sqm.
total plot area =12233.34 sqm. ①			

ROS1.4 reservation area calculation

(plot as per RDDP 2034)			
1	ro1:1/2x	130.077 x26.139 x 1 =	1700.04 sqm.
2	ro2:1/2x	56.642 x 2.744 x 1 =	77.71 sqm.
3	ro3:1/2x	130.077 x14.718 x 1 =	957.24 sqm.
4	ro4:1/2x	77.853 x 7.776 x 1 =	302.69 sqm.
5	ro5:1/2x	70.973 x14.129 x 1 =	501.39 sqm.
6	ro6:1/2x	56.829 x 5.206 x 1 =	147.93 sqm.
7	ro7:1/2x	53.359 x21.681 x 1 =	578.44 sqm.
8	ro8:1/2x	49.153 x26.567 x 1 =	702.08 sqm.
9	ro9:1/2x	101.833 x31.090 x 1 =	1582.99 sqm.
10	ro10:2/3x	70.937 x 0.692 x 1 =	32.73 sqm.
total ROS1.4 reservation area = 6583.24 sqm. ②			

RE1.2 reservation area calculation

(plot as per RDDP 2034)			
1	re1:1/2x	99.954 x34.505 x 1 =	1724.46 sqm.
2	re2:1/2x	99.954 x33.126 x 1 =	1655.54 sqm.
total RE1.1 reservation area = 3380.00 sqm. ③			

existing 27.45m. wide d.p. road

(plot as per RDDP 2034)			
1	rd1:1/2x	46.458 x21.725 x 1 =	504.65 sqm.
2	rd2:1/2x	46.458 x22.240 x 1 =	516.61 sqm.
total exis. 27.45m. w. d.p. road. area =1021.26 sqm. ④			

proposed 13.40m. wide d.p. road

(plot as per RDDP 2034)			
additions-			
1	rd1:1/2x	27.149 x 6.515 x 1 =	88.44 sqm.
2	rd2:1/2x	21.507 x 4.354 x 1 =	46.82 sqm.
3	rd3:1/2x	15.400 x 3.952 x 1 =	30.43 sqm.
4	rd4:1/2x	46.207 x13.390 x 1 =	309.36 sqm.
5	rd5:1/2x	41.061 x12.684 x 1 =	260.41 sqm.
total additions = 735.46 sqm. ⑤			

deductions-

1	a1:2/3x	9.311 x 1.424 x 1 =	8.84 sqm.
2	a2:2/3x	9.013 x 1.606 x 1 =	9.98 sqm.
total deductions = 18.82 sqm. ⑥			
total prop. 13.40m. w. d.p. road. area = 716.64 sqm. ⑦			

ROS1.4 area calculation

(plot as per RDDP 2034 adjusted towards 14(A) amenity)			
1	ro1:1/2x	27.507 x11.419 x 1 =	157.05 sqm.
2	ro2:1/2x	29.309 x 9.509 x 1 =	139.59 sqm.
3	ro3:1/2x	30.428 x 3.980 x 1 =	60.55 sqm.
total prop. ROS1.4 area = 356.95 sqm. ⑧			

proposed 18.30m. wide d.p. road

(plot as per RDDP 2034)			
1	rd1:1/2x	38.887 x11.829 x 1 =	230.00 sqm.
2	rd2:1/2x	19.488 x16.199 x 1 =	157.84 sqm.
total prop. 18.30m. w. d.p. road. area = 387.84 sqm. ⑨			

slum encroachment area calculation

2	rd2:1/2x	19.488 x 16.199 x 1 =	157.84 sqm
total prop. 18.30m. w. d.p. road. area = 387.84 sqm			
slum encroachment area calculation			