

PLOT AREA CALC. BY TRIANGULATION METHOD									
PLOT - A									
1	326.59	x	143.61	x	0.5	=	23450.79	sq.mt.	
2	326.59	x	113.11	x	0.5	=	18470.30	sq.mt.	
3	158.24	x	32.72	x	0.5	=	2549.25	sq.mt.	
4	144.48	x	124.48	x	0.5	=	8992.44	sq.mt.	
5	165.54	x	35.56	x	0.5	=	2957.64	sq.mt.	
6	61.54	x	35.41	x	0.5	=	1082.10	sq.mt.	
7	127.68	x	73.82	x	0.5	=	1461.12	sq.mt.	
8	142.18	x	16.63	x	0.5	=	1182.23	sq.mt.	
9	165.11	x	13.67	x	0.5	=	1128.53	sq.mt.	
10	27.26	x	11.48	x	0.5	=	156.47	sq.mt.	
11	83.5	x	8.79	x	0.5	=	357.03	sq.mt.	
12	83.5	x	8.69	x	0.5	=	362.81	sq.mt.	
Total								62150.69	sq.mt.
Less									
a	26.61	x	3.95	x	0.6916	=	72.69	sq.mt.	
TOTAL PLOT - A								62078.00	sq.mt.
MINIMUM PLOT AREA TAKEN								61550.00	sq.mt.

PLOT - B AREA CALCULATION									
1	54.65	x	18.73	x	0.5	=	511.80	sq.mt.	
2	62.88	x	23.24	x	0.5	=	731.11	sq.mt.	
3	26.61	x	4.03	x	0.67	=	71.85	sq.mt.	
4	65.53	x	21.83	x	0.5	=	715.26	sq.mt.	
5	88.52	x	31.13	x	0.5	=	1369.21	sq.mt.	
6	56.48	x	13.85	x	0.5	=	391.12	sq.mt.	
7	45.657	x	12.85	x	0.5	=	293.35	sq.mt.	
8	24.91	x	13.29	x	0.5	=	165.53	sq.mt.	
9	10.71	x	6.54	x	0.5	=	35.02	sq.mt.	
10	10.71	x	12.28	x	0.5	=	65.76	sq.mt.	
TOTAL AREA								4350.00	sq.mt.

PLOT - B - ROAD AREA									
6	56.48	x	13.85	x	0.5	=	391.12	sq.mt.	
7	45.657	x	12.85	x	0.5	=	293.35	sq.mt.	
8	24.91	x	13.29	x	0.5	=	165.53	sq.mt.	
Total Plot B - Road area								850.00	sq.mt.

AREA UNDER 24.00 M.W. D.P. ROAD AREA CALC.									
1	49.41	x	17.73	x	0.5	=	438.02	sq.mt.	
2	49.41	x	19.96	x	0.5	=	493.11	sq.mt.	
3	207.69	x	24.06	x	0.5	=	2496.23	sq.mt.	
4	206.64	x	19.18	x	0.5	=	1981.68	sq.mt.	
5	46.47	x	15.7	x	0.5	=	364.79	sq.mt.	
6	42.89	x	6.35	x	0.5	=	136.18	sq.mt.	
7	51.89	x	15.07	x	0.5	=	390.99	sq.mt.	
8	51.89	x	14.87	x	0.5	=	385.80	sq.mt.	
9	47.87	x	14.13	x	0.5	=	331.00	sq.mt.	
10	59.09	x	19.49	x	0.5	=	584.47	sq.mt.	
11	59.09	x	7.8	x	0.67	=	308.80	sq.mt.	
12	83.65	x	24	x	0.5	=	1003.80	sq.mt.	
13	80.61	x	13.15	x	0.5	=	530.01	sq.mt.	
14	40.64	x	23.93	x	0.5	=	486.26	sq.mt.	
15	102.27	x	24	x	0.5	=	1222.05	sq.mt.	
16	99.16	x	24	x	0.5	=	1189.92	sq.mt.	
17	38.76	x	21.56	x	0.5	=	417.83	sq.mt.	
18	59.88	x	13.63	x	0.5	=	408.08	sq.mt.	
19	27.24	x	11.49	x	0.5	=	156.49	sq.mt.	
Total Road								13336.42	sq.mt.
Less									
a	17.68	x	0.78	x	0.67	=	9.24	sq.mt.	
b	36.25	x	2.96	x	0.67	=	71.89	sq.mt.	
c	31.78	x	3.97	x	0.67	=	84.53	sq.mt.	
d	29.57	x	2.67	x	0.67	=	52.90	sq.mt.	
e	26.61	x	4.01	x	0.67	=	71.49	sq.mt.	
Total Plot A - Road area								13046.37	sq.mt.

PLOT AREA CALC. BY TRIANGULATION METHOD
SCALE : 1-1000

PLOT A AMENITY 1+2 AREA CALCULATION 15%									
1	124.71	x	46.36	x	0.5	=	2890.78	sq.mt.	
2	124.71	x	33.83	x	0.5	=	2105.37	sq.mt.	
3	56.47	x	20.84	x	0.5	=	588.42	sq.mt.	
4	56.47	x	8.231	x	0.5	=	232.40	sq.mt.	
5	56.06	x	10.300	x	0.5	=	458.57	sq.mt.	
Total Amenity-1 Area								6275.54	sq.mt.
Total Open Space								1730.30	sq.mt.

PLOT B AMENITY AREA 15%									
1	34.015	x	20.478	x	0.5	=	344.78	sq.mt.	
2	10.71	x	6.54	x	0.5	=	35.02	sq.mt.	
3	10.71	x	12.28	x	0.5	=	65.76	sq.mt.	
4	28.724	x	5.531	x	0.5	=	79.44	sq.mt.	
Total								525.00	sq.mt.

10% OPEN SPACE AREA CALCULATION PLOT A									
Open Space Required						4,850.36	sq.mt.		
Proposed OPEN SPACE Area						4850.36	sq.mt.		
OPEN SPACE 1									
1	52.83	x	28.93	x	0.5	=	778.98	sq.mt.	
2	66.75	x	24.08	x	0.5	=	803.67	sq.mt.	
3	Arc Plane Area				=	84.13	sq.mt.		
4	Arc Plane Area				=	63.52	sq.mt.		
Total Open Space						1730.30	sq.mt.		
OPEN SPACE NO. 2									
1	98.05	x	31.833	x	1	=	3120.06	sq.mt.	
Total Open Space						3120.06	sq.mt.		
Total Open Space 1 + 2						4850.36			