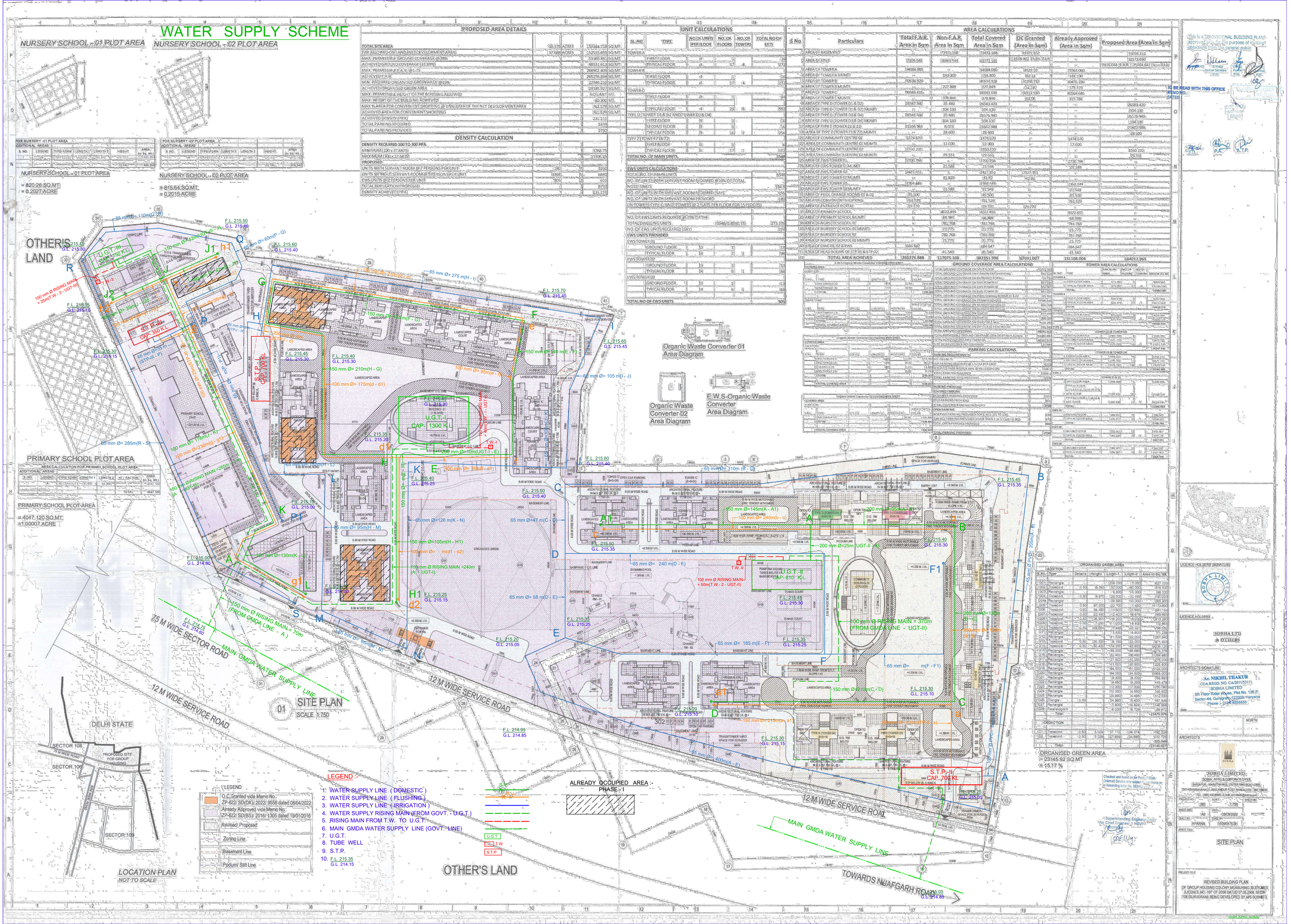
WATER SUPPLY SCHEME



PROPOSED AREA DETAILS

TOTAL SITE AREA	39.375	ACRES	159344.718	SQ.MT.
FAR ALLOWED ON LAND (NET DEVELOPMENT AREA)	37.688	ACRES	152515.659	SQ.MT.
MAX. PERMISSIBLE GROUND COVERAGE @ 33%			53380.481	SQ.MT.
ACHIEVED GROUND COVERAGE (31.69%)			48331.613	SQ.MT.
MAX. PERMISSIBLE F.A.R. @1.75			266902.409	SQ.MT.
ACHIEVED F.A.R.			265276.894	SQ.MT.
MIN. REQUIRED ORGANISED GREEN AREA @15%			22749.210	SQ.MT.
ACHIEVED ORGANISED GREEN AREA			23145.927	SQ.MT.
MAX. PERMISSIBLE HEIGHT OF THE BUILDING ALLOWED			NO LIMIT	MT.
MAX. HEIGHT OF THE BUILDING ACHIEVED			80.300	MT.
MAX % AREA FOR CONVENIENT SHOPPING @ 0.5% AREA OF THE NET DEVELOPMENT AREA			762.578	SQ.MT.
ACHIEVED AREA FOR CONVENIENT SHOPPING			761.529	SQ.MT.
ACHIEVED DENSITY (PPA)			231.111	
TOTAL PARKING REQUIRED			2439	
TOTAL PARKING PROVIDED			2760	

DENSITY CALCULATION

DENSITY REQUIRED 100 TO 300 PPA			
MINIMUM (100 x 37.6875)			3768.75
MAXIMUM (300 x 37.5875)			11306.25
PROPOSED			
UNITS WITH SERVANT ROOM @ 2 PERSONS PER UNIT	180		360
UNITS WITHOUT SERVANT ROOM @ 1.5 PERSON PER UNIT	1368		6840
EWS UNITS @ 2 PERSONS PER UNIT	305		610
TOTAL POPULATION PROPOSED			8710
DENSITY ACHIEVED (PPA)			231.111

UNIT CALCULATIONS

SL.NO	TYPE	NO.OF UNITS PER FLOOR	NO. OF FLOORS	NO. OF TOWERS	TOTAL NO.OF UNITS
TOWER A					
	FIRST FLOOR	8	1		16
	TYPICAL FLOOR	16	17	4	272
TOWER B					
	FIRST FLOOR	8	1		16
	TYPICAL FLOOR	16	17	4	272
TOWER C					
	FIRST FLOOR	8	1		24
	TYPICAL FLOOR	8	23	6	552
TYPE D (TOWER D1 & D2 AND TOWER D3 & D4)					
	FIRST FLOOR	8	1		16
	SECOND FLOOR	8	1		16
	TYPICAL FLOOR	8	16	2	256
TYPE Z (TOWER Z1&Z2)					
	FIRST FLOOR	8	1		16
	TYPICAL FLOOR	8	17	2	272
TOTAL NO. OF MAIN UNITS.					1548
EWS UNITS CALCULATIONS					
TOTAL NO. OF MAIN UNITS					1548
NO. OF UNITS WITH SERVANT ROOM REQUIRED @10% OF TOTAL NO.OF UNITS					154.8
NO. OF UNITS WITH SERVANT ROOM REQUIRED (SAY)					155
NO. OF UNITS WITH SERVANT ROOM PROVIDED					180
IN TOWERS TYPE-C (NO.OF TOWERS) @ 2 FLATS PER FLOOR FOR 15 FLOORS					
NO. OF EWS UNITS REQUIRED @ 25% OF THE TOTAL DWELLING UNITS	(1548/0.85)x0.15)				273.176
NO. OF EWS UNITS REQUIRED (SAY)					274
EWS UNITS PROVIDED					
EWS TOWER 01					
	GROUND FLOOR	13	1		13
	TYPICAL FLOOR	14	7	3	294
EWS TOWER 02					
	GROUND FLOOR	13	1		13
	TYPICAL FLOOR	14	6	1	84
EWS TOWER 03					
	GROUND FLOOR	13	1		13
	TYPICAL FLOOR	14	6	3	252
TOTAL NO OF EWS UNITS.					305

AREA CALCULATIONS

S.No	Particulars	Total F.A.R. (Area in Sqm	Non-F.A.R. (Area in Sqm	Total Covered Area in Sqm	OC Granted (Area in Sqm)	Already Approved (Area in Sqm)	Proposed Area (Area in Sqm)
1	AREA OF BASEMENT	-	73431.168	73431.168	18371.852	-	55059.316
2	AREA OF STILT	37109.948	36663.544	93772.592	61198.902 (Non-FAR)	-	32573.690
						79100.048 (F.A.R)	25464.642 (Non-FAR)
3	AREA OF TOWER A	34084.080	-	34084.080	18521.020	15563.060	-
4	AREA OF TOWER A MUMTI	-	192.300	192.300	192.300	141.190	-
5	AREA OF TOWER B	40634.928	-	40634.928	10158.732	30476.196	-
6	AREA OF TOWER B MUMTI	-	227.849	227.849	52.539	175.310	-
7	AREA OF TOWER C	56683.686	-	56683.686	16113.930	40569.686	-
8	AREA OF TOWER C MUMTI	-	378.846	378.846	63.06	315.786	-
9	AREA OF TYPE D (TOWER D1 & D2)	26547.940	35.480	26583.420	-	-	26583.420
10	AREA OF TYPE D (TOWER D1 & D2) MUMTI	-	104.130	104.130	-	-	104.130
11	AREA OF TYPE D (TOWER D3 & D4)	26541.660	35.480	26576.940	-	-	26576.940
12	AREA OF TYPE D (TOWER D3 & D4) MUMTI	-	104.130	104.130	-	-	104.130
13	AREA OF TYPE Z (TOWER Z1 & Z2)	21566.964	6.003	21572.988	-	-	21572.988
14	AREA OF TYPE Z (TOWER Z1 & Z2) MUMTI	-	28.600	28.600	-	-	28.600
15	AREA OF COMMUNITY CENTRE 01	1474.670	-	1474.670	-	1474.670	-
16	AREA OF COMMUNITY CENTRE 01 MUMTI	-	12.000	12.000	-	12.000	-
17	AREA OF COMMUNITY CENTRE 02	1550.220	-	1550.220	-	-	1550.220
18	AREA OF COMMUNITY CENTRE 02 MUMTI	-	29.531	29.531	-	-	29.531
19	AREA OF EWS TOWER 01	2700.766	-	2700.766	-	-	2700.766
20	AREA OF EWS TOWER 01 MUMTI	-	21.548	21.548	-	-	21.548
21	AREA OF EWS TOWER 02	2427.351	-	2427.351	2427.351	-	-
22	AREA OF EWS TOWER 02 MUMTI	-	41.820	41.820	41.820	-	-
23	AREA OF EWS TOWER 03	2364.449	-	2364.449	-	2364.449	-
24	AREA OF EWS TOWER 03 MUMTI	-	21.548	21.548	-	21.548	-
25	AREA OF POOL CHANGE ROOMS 01 & 02	85.500	-	85.500	-	85.500	-
26	AREA OF CONVENIENT SHOPPING	761.529	-	761.529	-	761.529	-
27	AREA OF ENTRANCE PORTAL	29.720	-	29.720	29.720	-	-
28	AREA OF PRIMARY SCHOOL	4022.495	-	4022.495	-	4022.495	-
29	AREA OF PRIMARY SCHOOL MUMTI	-	68.989	68.989	-	68.989	-
30	AREA OF NURSERY SCHOOL 01	781.768	-	781.768	-	781.768	-
31	AREA OF NURSERY SCHOOL 01 MUMTI	21.775	-	21.775	-	21.775	-
32	AREA OF NURSERY SCHOOL 02	781.768	-	781.768	-	781.768	-
33	AREA OF NURSERY SCHOOL 02 MUMTI	21.775	-	21.775	-	21.775	-
34	AREA OF DWC 01, 02 & EWS	684.647	-	684.647	-	684.647	-
35	AREA OF HEAD ROOMS OF STP 01 & STP 02	-	41.540	41.540	-	41.540	-
36	TOTAL AREA ACHIEVED	265276.888	117075.108	382351.996	67031.027	151108.004	164212.965

GROUND COVERAGE AREA CALCULATIONS

TOTAL GROUND COVERAGE ON STILT FLOOR	43472.503
TOTAL GROUND COVERAGE ON CONVENIENT SHOPPING	761.529
TOTAL GROUND COVERAGE ON ENTRANCE PORTAL	29.720
TOTAL GROUND COVERAGE ON EWS TOWER 01	1364.449
TOTAL GROUND COVERAGE ON EWS TOWER 02	1364.449
TOTAL GROUND COVERAGE ON EWS TOWER 03	1364.449
TOTAL GROUND COVERAGE ON POOL CHANGE ROOMS 01 & 02	85.500
TOTAL GROUND COVERAGE ON PRIMARY SCHOOL	2346.645
TOTAL GROUND COVERAGE ON NURSERY SCHOOL 01	390.884
TOTAL GROUND COVERAGE ON NURSERY SCHOOL 02	390.884
TOTAL GROUND COVERAGE ON DWC 01	342.323
TOTAL GROUND COVERAGE ON DWC 02	342.323
TOTAL GROUND COVERAGE ON STP 01 & 02 (HEAD ROOMS)	41.540
TOTAL GROUND COVERAGE	48331.613
TOTAL PERMISSIBLE GROUND COVERAGE (25% OF SITE AREA)	53380.481
TOTAL ACHIEVED GROUND COVERAGE	31.69%
% OF ACHIEVED GROUND COVERAGE	31.69%

PARKING CALCULATIONS

PARKING REQUIREMENTS	
NO. OF UNITS	1548
CAR PARKING REQUIRED @ 1.5 CAR PER UNIT	2322
15% VISITOR PARKING FOR EWS (EWS UNITS)	41
TOTAL PARKING REQUIRED	2363
TOTAL PARKING REQUIRED (SAY)	2439
PARKING PROVIDED	
COVERED PARKING	
IN BASEMENT PARKING PROVIDED	2337
STILT PARKING PROVIDED	423
TOTAL COVERED PARKING PROVIDED	2760
OPEN PARKING	
IN SERVICE PARKING PROVIDED FOR E, W, S, (01 TO 15)	150
IN SERVICE PARKING PROVIDED OTHER THAN E, W, S, (16 TO 30)	172
TOTAL OPEN PARKING PROVIDED	322
TOTAL PARKING PROVIDED	3082

TOWER AREA CALCULATIONS

TOWER A					
	1 TYPICAL FLOOR AREA	1173.360	17	4	19957.120
	2 TYPICAL FLOOR AREA	1173.360	17	4	19957.120
	TOTAL				39914.240
TOWER B					
	1 TYPICAL FLOOR AREA	1164.378	17	4	19797.426
	2 TYPICAL FLOOR AREA	1164.378	17	4	19797.426
	TOTAL				39594.852
TOWER C					
	1 TYPICAL FLOOR AREA	1180.183	23	6	163160.300
	2 TYPICAL FLOOR AREA	1180.183	23	6	163160.300
	TOTAL				326320.600
TOWER D1 & D2 TOWER D3 & D4					
	1 TYPICAL FLOOR AREA	1215.205	16	2	38886.560
	2 TYPICAL FLOOR AREA	1215.205	16	2	38886.560
	TOTAL				77773.120
TOWER Z1 & Z2					
	TYPICAL ROOMS				
	1,3,5,7,9,11,13,15,17,19				
	18TH FLOOR	1197.920	1		1197.920
	TYPICAL FLOOR 2,4,6,8,10 & 12,14,16	1197.920	10		11979.200
	20TH FLOOR	1200.88	1		1200.880
	TOTAL				13377.960
TOWER D1 & TOWER D4					
	1 TYPICAL FLOOR AREA	1166.560	16	2	37330.240
	2 TYPICAL FLOOR AREA	1166.560	16	2	37330.240
	TOTAL				74660.480
TOWER D2 & TOWER D3					
	1 TYPICAL FLOOR AREA	1166.560	16	2	37330.240
	2 TYPICAL FLOOR AREA	1166.560	16	2	37330.240
	TOTAL				74660.480
TOWER Z1 & Z2					
	1 TYPICAL FLOOR AREA	1245.218	16	2	39847.000
	2 TYPICAL FLOOR AREA	1245.218	16	2	39847.000
	TOTAL				79694.000
EWS 01					
	1 GROUND FLOOR	1346.547	13	1	17510.211
	2 TYPICAL FLOOR AREA	1346.547	14	3	56549.919
	TOTAL				74060.130
EWS 02					
	1 GROUND FLOOR	1346.547	13	1	17510.211
	2 TYPICAL FLOOR AREA	1346.547	14	3	56549.919
	TOTAL				74060.130
EWS 03					
	1 GROUND FLOOR	1346.547	13	1	17510.211
	2 TYPICAL FLOOR AREA	1346.547	14	3	56549.919
	TOTAL				74060.130

ORGANISED GREEN AREA

ADDITION						
Sl.No.	Type	Details	Heights	Length-1	Length-2	Area in Sq.Mt.
1						
1GG1	Rectangle			1,258.000	1.000	1,627.000
1GG2	Trapezoid	0.50	16.360	150.000	160.000	1,316.500
1GG3	Rectangle			6,800	170.000	198.000
1GG4	Trapezoid	0.50	18.970	28.000	120.159	1,292.000
1GG5	Rectangle			128.590	110.000	1,265.800
2GG6	Trapezoid	0.50	97.200	22.700	1,450.000	11,173.000
2GG7	Trapezoid	0.50	38.480	119.800	721.800	5,811.154
2GG8	Trapezoid	0.50	23.160	112.400	18.676	1,959.980
2GG9	Trapezoid	0.50	36.800	19.200	1,400.000	13,113.600
2GG10	Trapezoid	0.50	7.280	15.000	8.900	172.900
2GG11	Trapezoid	0.50	349.664	70.448	123.021	7,961.032
2GG12	Rectangle			11,630	18.000	171.000
2GG13	Rectangle			11,730	22.000	257.940
2GG14	Trapezoid	0.50	130.300	19.150	122.000	7,671.923
2GG15	Rectangle	0.50	50.400	174.200	193.000	16,236.100
2GG16	Rectangle			48.200	88.680	4,274.376
2GG17	Rectangle			19.000	180.400	3,294.400
2GG18	Rectangle			21.800	10.000	218.000
2GG19	Rectangle			11.000	20.600	226.600
2GG20	Rectangle			34.000	161.000	5,124.000
2GG21	Rectangle			84.000	124.500	10,458.000
2GG22	Rectangle			8.300	8.300	168.862
2GG23	Rectangle			4.660	8.500	143.478
2GG24	Rectangle			13.300	117.300	1,230.150
2GG25	Rectangle			10.000	14.550	145.500
2GG26	Triangle	0.50		24.990	18.430	167.848
2GG27	Rectangle			15.800	118.820	1,877.356
2GG28	Parallelogram			18.000	18.700	336.600
	Total					123470.976
DEDUCTION						
1D1	Trapezoid	0.50	6.029	37.112	138.374	192.324
1D2	Trapezoid	0.50	6.029	127.899	24.886	132.725
						325.049
	Total					123145.927

ORGANISED GREEN AREA
= 23145.92 SQ.MT
= 15.17 %