

TOTAL LANDSCAPE AREA AT PODIUM LVL.

LANDSCAPE AREA-01	256.88
LANDSCAPE AREA-02	252.75
LANDSCAPE AREA-03	90.34
LANDSCAPE AREA-04	469.04
LANDSCAPE AREA-05	239.28
LANDSCAPE AREA-06	242.41
LANDSCAPE AREA-07	1085.25
LANDSCAPE AREA-08	73.85
LANDSCAPE AREA-09	1205.91
LANDSCAPE AREA-10	1287.30
LANDSCAPE AREA-11	1538.53
LANDSCAPE AREA-12	63.15
LANDSCAPE AREA-13	204.27
LANDSCAPE AREA-14	130.80
WATER BODY	80.06
TOTAL	7219.82

TOTAL LANDSCAPE AREA AT GROUND LVL.

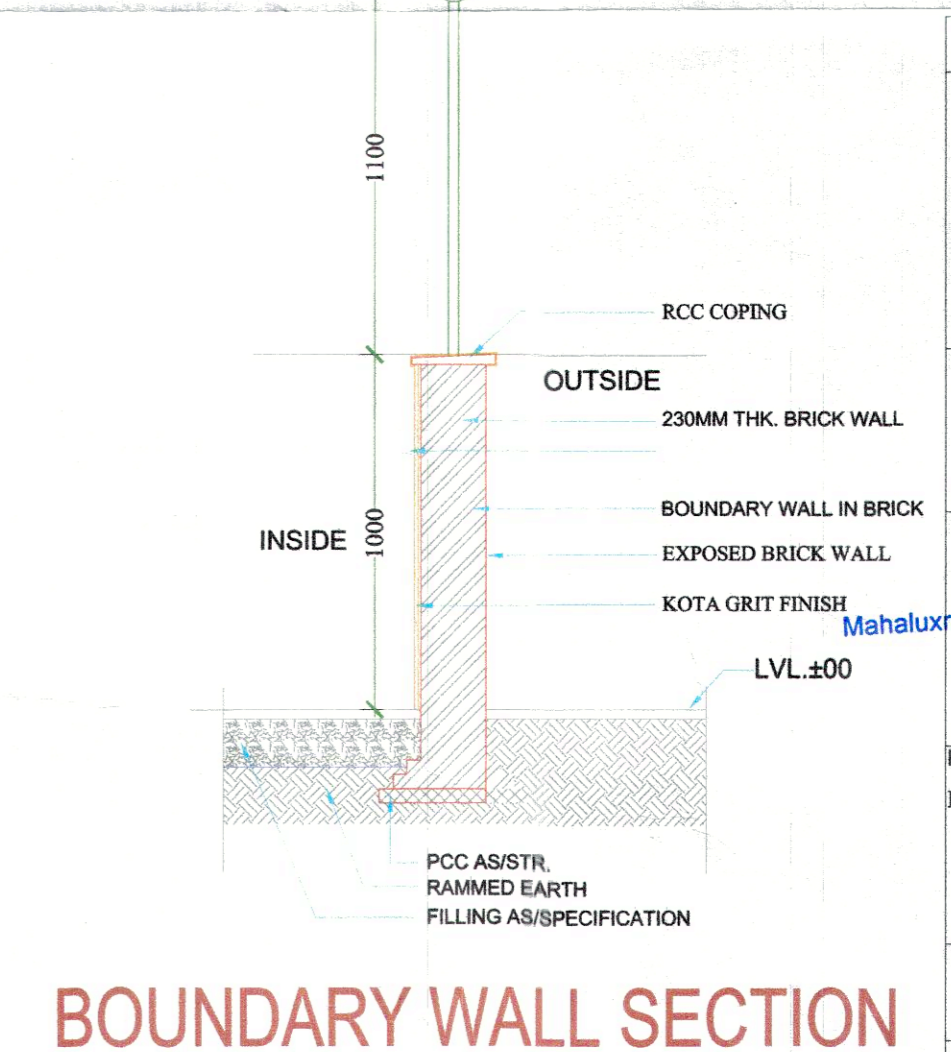
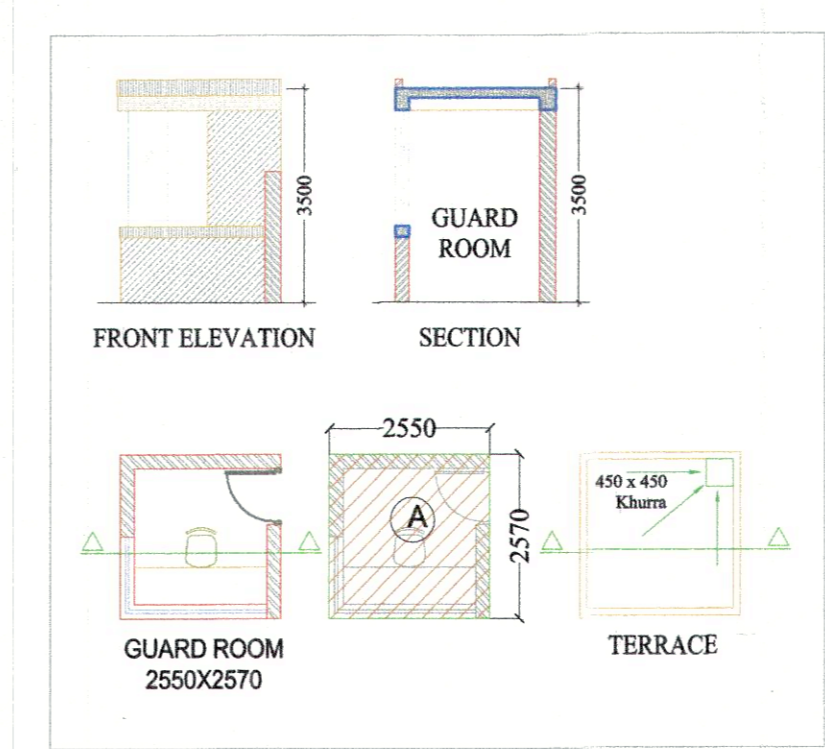
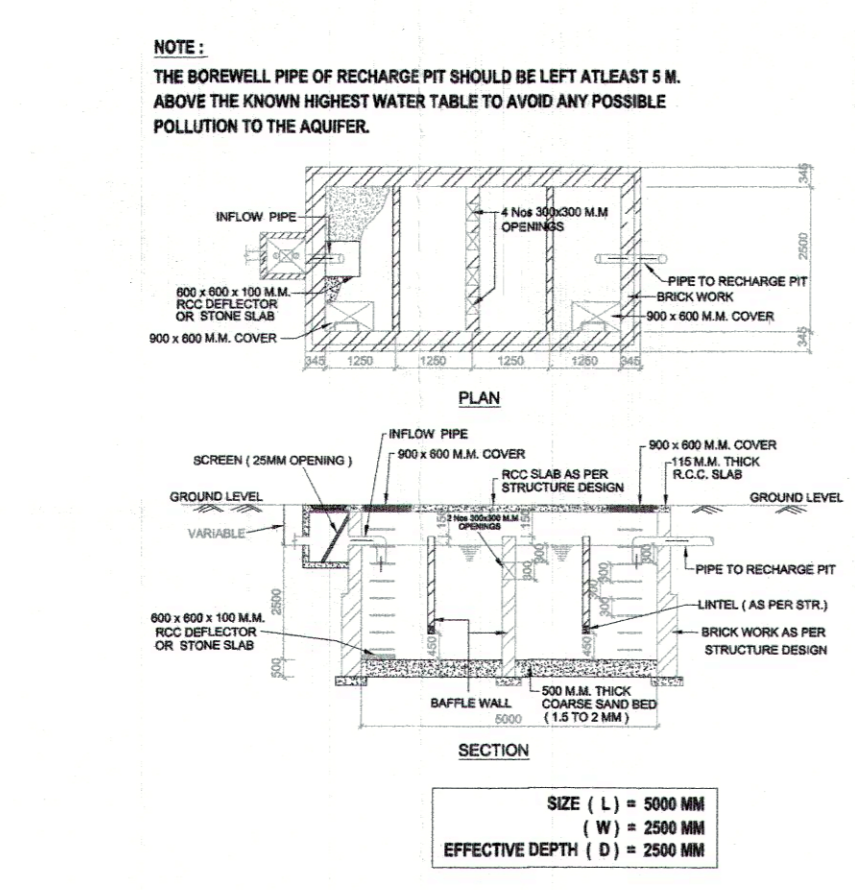
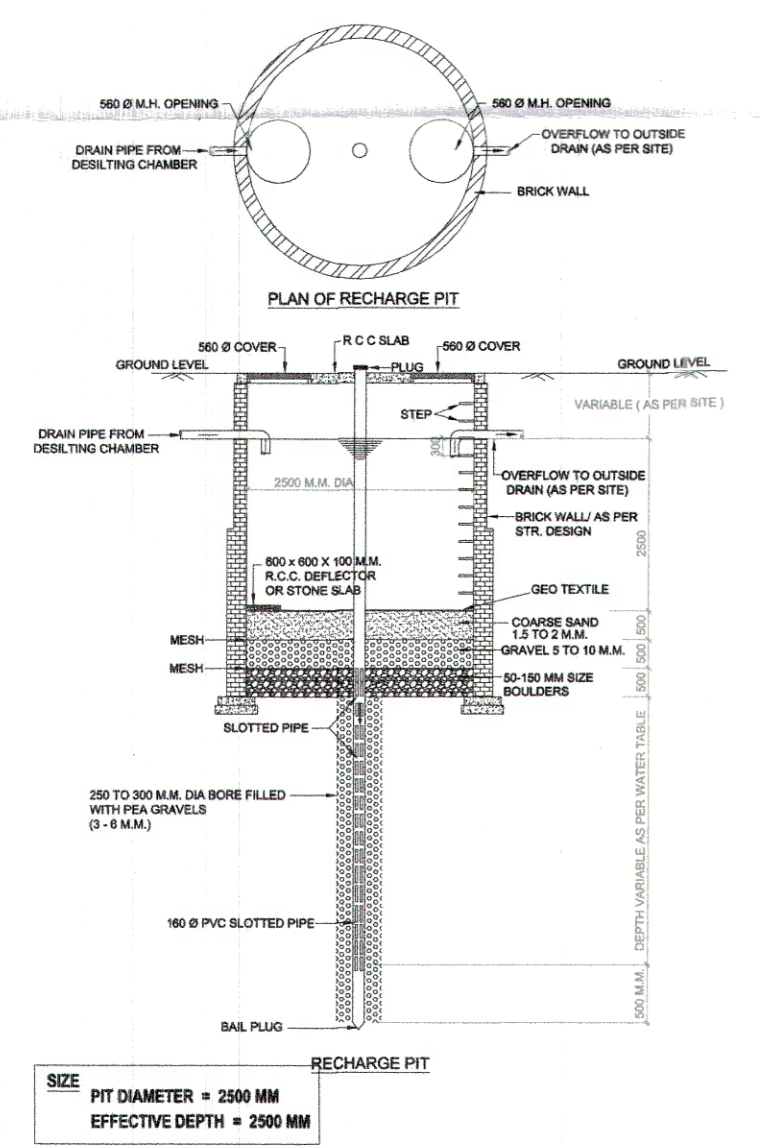
LANDSCAPE AREA - A	1313.86
LANDSCAPE AREA - B	46.09
LANDSCAPE AREA - C	39.30
TOTAL	1399.25

TOTAL LANDSCAPE AREA = PODIUM LVL. + GROUND LVL.
= 7219.82 + 1399.25 = 8619.07 SQ.MT.

S.No.	PARTICULARS	F.A.R. %	SQ.MTR.
1	TOTAL PLOT AREA		25,066.60
2	PERMISSIBLE F.A.R. FOR HOUSING	3.675	92,119.75
3	PERMISSIBLE F.A.R. FOR HOUSING + ADDITIONAL F.A.R. FOR GREEN BUILDING = 5% OF PERMISSIBLE F.A.R. = 87,733.10 + 4386.65 SQ.MT.		92,119.75
4	TOTAL PERMISSIBLE F.A.R. FOR HOUSING = A+B = 87,733.10 + 4,386.65 = 92,119.75 SQ.MT.		
5	PERMISSIBLE 15% F.A.R. FOR FACILITY		13,159.96
6	PERMISSIBLE 15% F.A.R. FOR FACILITY OF TOTAL MAIN F.A.R. AREA = 15% OF 87,733.10 SQ.MT. = 13,159.96 SQ.MT.		
7	PROPOSED TOTAL GROUND COVERAGE	35%	8,773.31
8	PROPOSED TOTAL GROUND COVERAGE = 25,066.60 SQ.MT. @ 35% = 8,773.31 sq.mt.		
9	PROPOSED TOTAL GROUND COVERAGE	28.862%	7,234.85
10	PERMISSIBLE AREA IN F.A.R. FOR COMMERCIAL 1.00% OF TOTAL PERMISSIBLE F.A.R. AREA = 1.00% X 87,733.10 SQ.MT. = 877.331		
11	PROPOSED COMMERCIAL F.A.R. AREA		876.60
12	TOTAL F.A.R. ACHIEVED	3.674	92,101.29
13	F.A.R. ACHIEVED FOR RESIDENTIAL		91,213.12
14	F.A.R. ACHIEVED FOR COMMERCIAL		876.60
15	F.A.R. ACHIEVED FOR METER ROOM		11.57
16	TOTAL F.A.R. AREA (A + B + C) = 92,101.29 SQ.MT.		
17	ACHIEVED FOR FACILITY		12,652.38
18	PROPOSED AREA IN 15% FACILITY AREA FOR HOUSING = FIRE STAIR CASE AREA + LIFT LOBBY AREA + MUMTY AREA + MACHINE ROOM AREA + LIFT SHAFTS + SERVICE SHAFTS + CLIPBOARD + GUARD ROOM + OVER HEAD TANK + S.T.P. + L.T. PANAL ROOM + GUARD & VISITORS TOILET = 12,679.85 SQ. MT.		
19	PERMISSIBLE DENSITY = 2100 PPH		
20	PERMISSIBLE UNITS AS PER DENSITY = 1650 + 450 = 2100 PPH = 2100 PPH @ 4.5 PERSONS PER UNITS FOR PLOT AREA = 25,066.60 SQ.MT. = 25,066.60 X 2100 / 4.5 / 10,000 = 1169.77 UNITS SAY AS 1169 UNITS		
21	ACHIEVED DENSITY (ASSUMING 4.5 NO.S. PERSONS PER UNIT) FOR 1628 NO.S. UNITS = 1168 X 4.5 X 10,000 / 25,066.60 = 2096.81 PPH		
22	ACHIEVED UNITS = 1168 Nos.		
23	ACHIEVED PERSONS = UNITS X 4.5 = 1168 X 4.5 = 5256 PERSONS		
24	REQUIRED LANDSCAPE AREA = 50% OF OPEN AREA OPEN AREA = PLOT AREA - PERMISSIBLE GR. COV. = 50% OF (25,066.60 - 8,773.31) = 8,146.64 SQ.MT.		8,146.64
25	PROPOSED LANDSCAPE AREA = 8619.07 SQ.MT.		8619.07
26	REQUIRED TREE AS PER 1 No. OF TREE PER 100 SQ.MT. OF OPEN AREA = (PLOT AREA - GROUND COVERAGE) / 100 = (25,066.60 - 8,773.31) / 100 = 162.93 No.S. SAY 163 No.S.		163 No.S.
27	TOTAL BASEMENT AREA (NON F.A.R. AREA)		20,610.95
28	NO. OF TREE PROPOSED = 428 No.S. OF 50% EVER GREEN @ 1 E.C.S. / 80 SQ.M. F.A.R. AREA = 92,119.75 / 80 = 1151.49 SAY 1151.00 E.C.S.		1151 E.C.S.
29	PARKING REQUIRED @ 1 E.C.S. / 80 SQ.M. F.A.R. AREA = 92,119.75 / 80 = 1151.49 SAY 1151.00 E.C.S.		1151 E.C.S.
30	PROPOSED PARKING		1228 E.C.S.
31	BASEMENT PARKING AREA = 19,309.25 @ 30 SQ.MT. PER E.C.S. = 19,309.25 / 30 = 643.64 E.C.S. SAY 643 E.C.S.		
32	PODIUM PARKING AREA 10,003.48 @ 30 SQ.MT. PER E.C.S. = 10,003.48 / 30 = 333.44 E.C.S. SAY 333 E.C.S.		
33	STILT PARKING AREA = 4,596.10 SQ.MT. @ 30 SQ.MT. PER E.C.S. = 4,596.10 / 30 = 153.20 E.C.S. SAY 153 E.C.S.		
34	OPEN PARKING AREA = 1,998.00 SQ.MT. @ 20 SQ.MT. PER E.C.S. = 1,998.00 / 20 = 99.90 E.C.S. SAY 99.00 E.C.S.		
35	TOTAL PARKING (A + B + C + D) = 1228 E.C.S.		
36	TOTAL BUILT-UP AREA		1,39,964.20
37	TOTAL F.A.R. AREA = 92,101.29 SQ. MT.		
38	TOTAL NON F.A.R. AREA = 35,210.53 SQ. MT.		
39	15% FACILITY AREA = 12,652.38 SQ. MT.		
40	TOTAL (A + B + C) = 1,39,964.20 SQ.MT.		

BOTANICAL NAME	COMMON NAME	PHYSIOGNOMY
BAUHINIA BLACKENA	BAUHINIA	DECIDUOUS 47
PHOENIX DACTYLIFERA	DATE PALM	EVERGREEN 36 NOS.
FICUS BENJAMINA	BENJAMINA	EVERGREEN 343 NOS.

SITE PLAN



SUBMISSION DRAWING

NOTES

- BUILDING IS DESIGNED/STRUCTURES) AS PER RELIEVEMENT CODES FOR EARTH QUAKE RESISTANCE
- MECHANICAL VENTILATION SYSTEM PROVIDED AS PER NBC IN BASEMENT

OWNER'S SIGNATURE: _____ ARCHITECT'S SIGNATURE: _____

PROJECT: PROPOSED GROUP HOUSING AT PLOT NO. GH 03 SECTOR OMCIRON 3, GREATER NOIDA, GAUTAMBUDH NAGAR, UP

DRAWING TITLE: SITE PLAN

SCALE: 1:400 DWG. NO. DATE: 20-01-17 DWG.-01