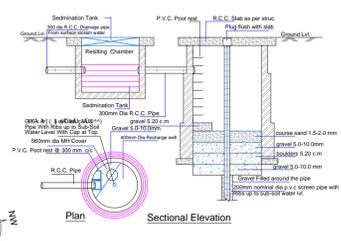


AREA STATEMENT			
Total Plot Area		22565.44	Sqmts.
PERMISSIBLE AREA			
Ground Coverage (35%)	35%	7897.90	Sqmts.
FAR 3.5	3.50	78979.04	Sqmts.
GREEN AREA	5%	3948.95	Sqmts.
TOTAL FAR		82927.99	Sqmts.
Commercial	1%	789.79	Sqmts.
ADD. F.A.R. @15% OF Permissible FAR	15%	11846.86	Sqmts.
PROPOSED AREA			
Ground Coverage for Towers	21.47%	4845.01	Sqmts.
Ground Coverage for Commercial	1.34%	302.63	Sqmts.
Ground Coverage for COMMUNITY CENTER	2.09%	470.97	Sqmts.
Ground Coverage for Guard room	0.12%	26.02	Sqmts.
Ground Coverage for Es	0.12%	26.69	Sqmts.
Ground Coverage for Toilets	0.25%	56.00	Sqmts.
PROPOSED Ground Coverage	25.3810%	5727.33	Sqmts.
Proposed FAR for Towers	3.54	79823.12	Sqmts.
Proposed FAR for Commercial	0.01	788.83	Sqmts.
TOTAL FAR AREA	3.572	80611.95	Sqmts.
BALANCE FAR		2316.04	Sqmts.
PROPOSED ADDITIONAL FAR AREA	14.50%	11455.31	Sqmts.
TOTAL BUILTUP AREA (FAR + 15% NON FAR (ADD.)+STILT+BASEMENT+FACILITES)		1,21,026.66	Sqmts.
CAR PARKING CALCULATIONS			
Required 1.00 Cars @ 80 Sqmt F.A.R Area		1008	ECS
Provided	Sqmts. (Area Provided)		
1. Open Car Parking @ 20 Sqmt Per Car	1,834.31	91	ECS
2. Stilt Parking @ 30 Sqmt Per Car	4,498.32	149	ECS
3. Lower Basement Parking @ 30 Sqmt Per Car	18,306.29	610	ECS
4. podium Basement Parking @ 30 Sqmt Per Car	4,910.56	163	ECS
Total nos. of car Provided		1013	ECS
GREEN AREA CALCULATIONS			
Permissible Green Area = 50% Of open area		8419.056	Sqmt.
PROPOSED GREEN AREA		8479.55	Sqmt.
TREES CALCULATIONS			
Permissible Trees = 100sq.m. = 1 Trees of open area		168	Nos.
Proposed Trees 200+100 = 300		300	Nos.
DENSITY			
Permissible Density 1650Flats / Per Hect. =		1053	Nos.
Proposed Density		1053	Nos.
Proposed Total Population		4739	Nos.
Proposed Total Population/Hectare		2100	Nos.

M/S ECOGREEN BUILDTech Pvt. Ltd. Electrical Load Calculation							
S.No.	TYPE	No. Of flat/Floor	No. of Floor	Total No of Flat	Area/Fat (sq Ft)	Electrical Load/ Flat (W)	Total Electrical Load (KW)
(A) Flats:							
1 "A"	8	21	168	990	4450	747.60	747.60
2 "B"	4	21	84	990	4950	415.80	415.80
3 "C"	8	20	160	990	4950	782.00	782.00
4 "D"	4	21	84	1100	5500	462.00	462.00
5 "E"	8	20	160	1100	5500	880.00	880.00
6 "F"	2	20	40	1450	7250	290.00	290.00
7 "G"	2	20	40	1695	8475	339.00	339.00
8 Stilt Floor				8450	42250	0	42.25
9 Basement				201304	1006521.679	0	1006.52
(B) Power Requirement for fire fighting system:							
1 1 No. Electric Hydrant pump			1			50000	50.00
2 1 No. Diesel Driven Fire Pump			1			0	0.00
3 1 No. Sprinkler Jockey Pump			1			10000	10.00
4 1 No. Hydrant Jockey Pump			1			10000	10.00
5 1 No. Electric Water Curtain Pump			1			30000	30.00
6 1 No. Diesel Driven Water Curtain Pump			1			0	0.00
(C) Miscellaneous:							
1 lifts			16			160000	160.00
2 External Lighting			1			50000	50.00
3 Sewage treatment plant			1			100000	100.00
4 Swimming pool			1			30000	30.00
5 facilities			1			50000	50.00
6 Mechanical ventilation			1			100000	100.00
7 Water Supply			1			40000	40.00
Total Load (KW)							7526.98
DG selection							
Total Load (KW)							7526.98
Total Load (KVA)							6021.87
40%							2408.63
DG Set Efficiency							90%
Total Load (KVA)							2676.25
Loading factor of DG							90%
DG Req. (KVA)							3345.32
Proposed DG SET Size-2 No. 1500 KVA +1 no. 500							
Transformer selection:							
Total Load (KVA)							6021.87
Transformer Efficiency							95.00%
Total Load (KVA)							6338.50
Transformer Loading Factor							90%
Transformer Req (KVA)							7042.77
Proposed Transformer Size-2 No. 2500 KVA+1 no.							



PROJECT:
PROPOSED GROUP HOUSING FOR M/S ECOGREEN BUILDTech Pvt. Ltd. AT PLOT NO. GH-02B, SECTOR - 10, GREATER NOIDA (U.P)

CLIENT:
M/S ECOGREEN BUILDTech Pvt. Ltd. 38 , C BLOCK DDA MARKET, SURAJMAL VIHAR DELHI - 110092

ARCHITECT:
R T & Associates Pvt. Ltd. ARCHITECTS, DESIGNERS & PROJECT MANAGEMENT A-47 & 48, SECTOR - 67 NOIDA - 201301, UTTAR PRADESH TEL: 0120 - 6495313, 2484020 / 21 FAX: 0120 - 6495313 E-MAIL: rtadesigns@gmail.com

OWNERS SIGNATURE _____ **ARCHITECT'S SIGNATURE** _____

RAHUL TYAGI
 CA / 97 / 22027

REVISED SUBMISSION DRAWING
PARKING & LANDSCAPE PLAN

DRAWING TITLE: PARKING & LANDSCAPE PLAN

DRAWN: ALOK SHARMA **CHKD:** PARDEEP SHARMA **SHEET SIZE:** A-1 **DWG. NO.:** A - 00

SCALE: 1:900 **DATE:** 22-02-2017