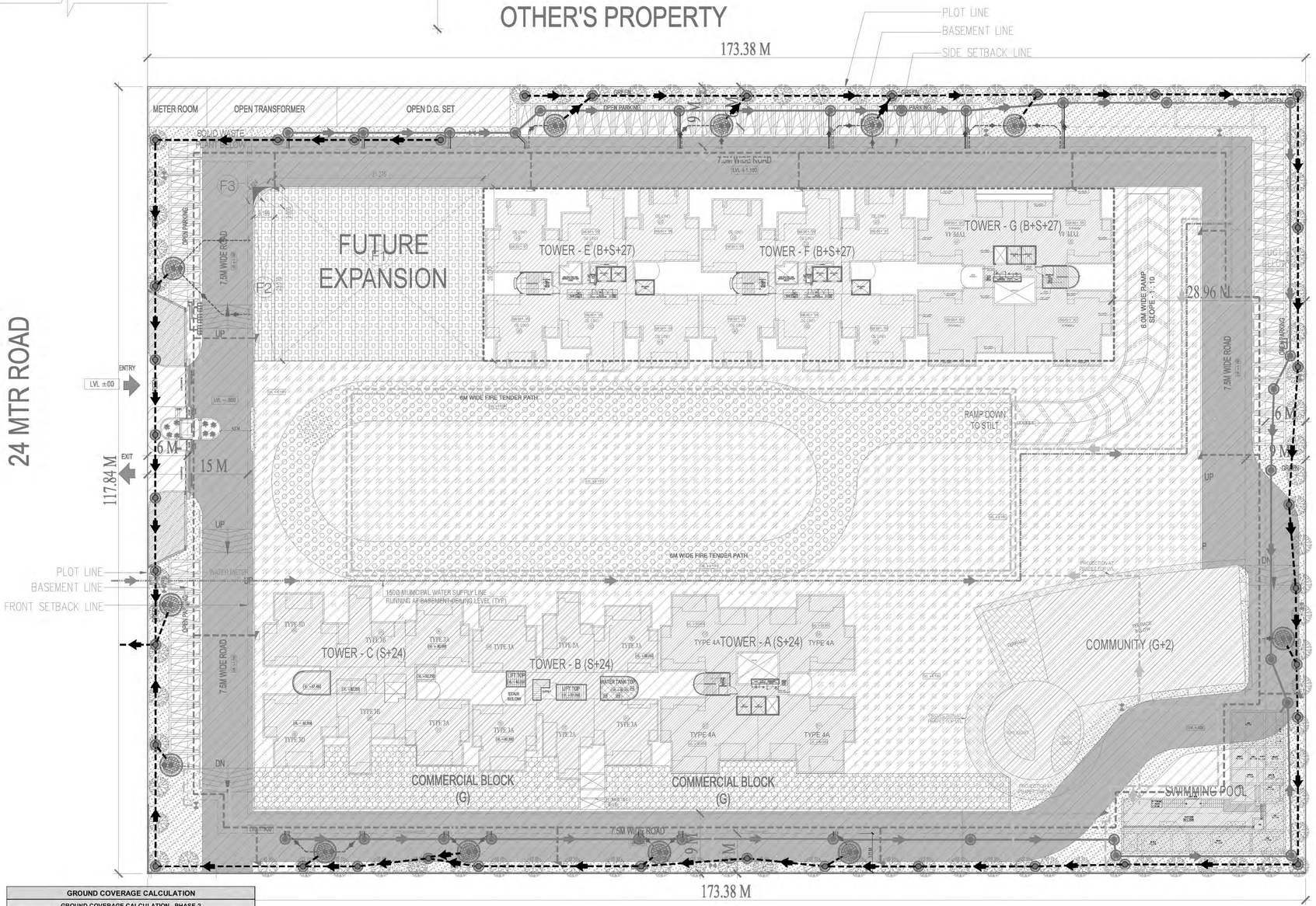
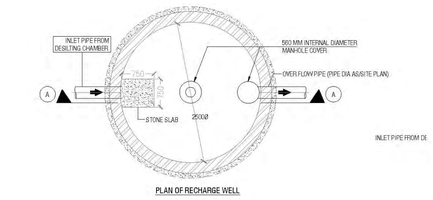
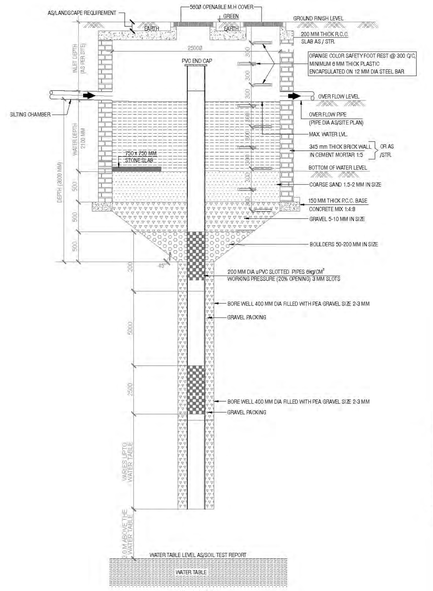






LOCATION PLAN

LEGEND FOR SANCTIONED AREAS	
	SANCTIONED IN PHASE - 1
	FUTURE EXPANSION

FUTURE EXPANSION AREA STATEMENT - PHASE-2

TITLE	NO.	SHAPE	LENGTH (L)	WIDTH (W)	AREA (L X W)
			(IN M)	(IN M)	(IN SQM)
F1	1	REC	31.276	26.070	815.360
F2	1	REC	3.189	23.070	73.575
F3	1	AS/POLYLINE			7.394
TOAL FUTURE EXPANSION AREA IN PHASE-2					896.329

PLUMBING & FIRE SERVICES LEGEND:-	
	SEWER MANHOLE WITH 560Ø MANHOLE COVER.
	STORM WATER MANHOLE WITH 560Ø PERFORATED MANHOLE COVER.
	EXTERNAL SEWERAGE LINE
	EXTERNAL STORM WATER LINE
	150Ø MUNICIPAL WATER SUPPLY LINE
	DOMESTIC WATER SUPPLY LINE FOR TOWERS (DIA AS/ LAYOUT)
	FLUSHING WATER SUPPLY LINE FOR TOWER (DIA AS/ LAYOUT)
	GARDEN IRRIGATION WATER SUPPLY LINE (DIA AS/ LAYOUT)
	EXTERNAL FIRE HYDRANT LINE (DIA AS/ LAYOUT)
GH	GARDEN HYDRANT WITH CHAMBER (300x300) MM
EFH	EXTERNAL FIRE HYDRANT (750 x 600 x 250) MM
R.P.	RECHARGE PIT, 3000 MM DIA
D.C.	DESILTING CHAMBER (1500 x 3000) MM

SUBMISSION DRAWING

GENERAL NOTES:

1–ALL DIMENSIONS ARE IN MM UNLESS MENTIONED OTHERWISE (U.N.O.)
2–NO DIMENSIONS ARE TO BE SCALED FROM THIS DRAWING.

DRAWING TITLE:

STILT LEVEL
CO-ORDINATED LAYOUT

PROJECT TITLE :

Group Housing at
Plot No. 3C, Sector 12
Greater Noida (West)
Uttar Pradesh 201308

CLIENT / OWNER :

FUSION BUILDING VALUES
BLESSINGS HOMZ PRIVATE LIMITED
A-6, GROUND FLOOR, YOJANA VIHAR,
DELHI - 110092

JOB NO. | NORTH.
SCALE : | DATE :
DRAWING NO.

ARCHITECT'S SIGNATURE:

OWNER'S SIGNATURE:

ARCHITECTS:-
DESIGN FORUM INTERNATIONAL
Address : K-47 , KAILASH COLONY , NEW DELHI -48
Phone : 011-46556600,46556601 , FAX - 46556601
Website: www.designforuminternational.com

GREEN AREA DETAIL					UNIT
PLOT AREA (Sqm)				20431.100	SQMT
PROPOSED GROUND COVERAGE				5476.192	SQMT
REQUIRED GREEN AREA			50% OF OPEN AREA		
OPEN AREA (G) = PLOT AREA – PROPOSED GROUND COVERAGE =	20431.100	—	5476.192	**14954.908**	SQMT
GREEN AREA REQUIRED (G/2) =	14954.908	+	2	**7477.454**	SQMT
GREEN AREA IN PHASE-2, (GA2)				1028.397	SQMT
GREEN AREA IN PHASE-1, (GA1)				6512.953	SQMT
TOTAL GREEN AREA PROPOSED, GA (GA1+GA2)	6512.953	+	1028	**7541.350**	SQMT

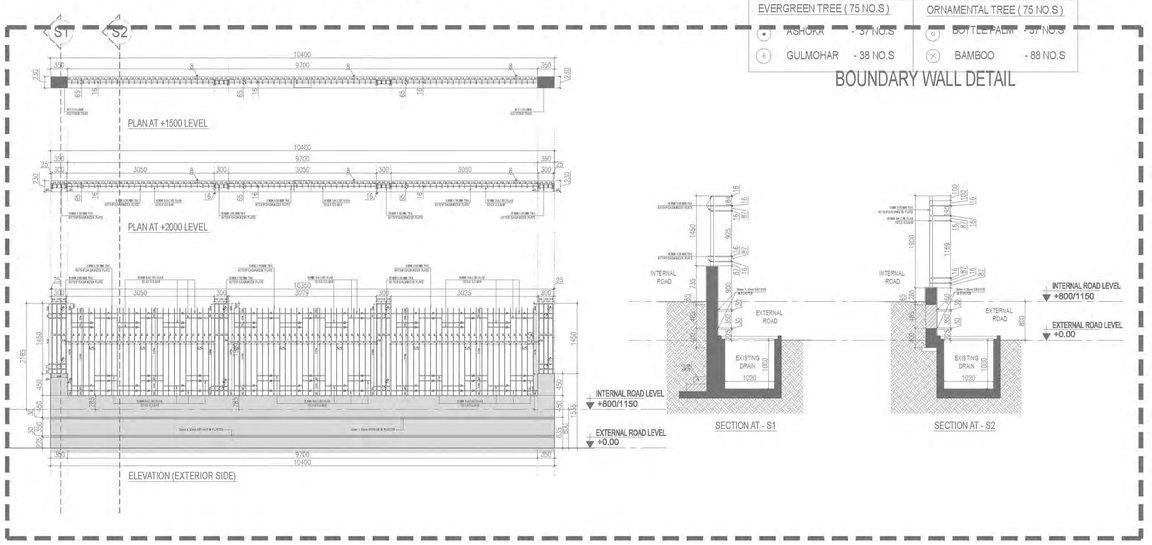
TREES REQUIREMENT					
TREES REQUIRED = OPEN AREA / 100 =	14954.908	+	100	**150**	NOS
50 % OF THE TREES ARE EVERGREEN AND 50% OF TREES ARE ORNAMENTAL					

GROUND COVERAGE CALCULATION				
GROUND COVERAGE CALCULATION - PHASE-2				
Tower	**No of Towers**	**FAR Area**	**Ancillary Area**	**Ground Coverage**
Tower - E	1	495.918	58.940	**554.858**
Tower - F	1	495.918	58.940	**554.858**
Tower - G	1	453.749	47.000	**500.749**
Commercial	1	15.885		**15.885**
FUTURE EXPANSION	1			**896.329**
TOTAL GROUND COVERAGE IN PHASE-2 , GC2				**2522.678**

GROUND COVERAGE CALCULATION - PHASE-1				
Tower	**No of Towers**	**FAR Area**	**Ancillary Area**	**Ground Coverage**
Tower - A	1	450.204	52.445	**502.649**
Tower - B	1	404.284	55.007	**459.290**
Tower - C	1	452.436	61.236	**513.672**
Commercial	1	699.155		**699.155**
Community	1	714.584		**714.584**
Meter Room	1	53.340		**53.340**
Watchman Shelter	1	10.824		**10.824**
TOTAL GROUND COVERAGE IN PHASE-1 , GC1				**2953.514**
TOTAL GROUND COVERAGE OF PLOT =				**5476.192**

PARKING DETAILS		UNIT
PLOT AREA (Sqm)	20431.100	SQMT
MAIN FAR @ 3.5	71508.850	SQMT
PERMISSIBLE COMMERCIAL FAR @ 1% OF MAIN FAR	715.089	SQMT
NET PERMISSIBLE RESIDENTIAL FAR FOR PARKING CAL (= Main FAR - Permissible Commercial FAR)	70793.762	SQMT
REQUIRED PARKING FOR COMMERCIAL @ 1 ECS PER 50 SQM OF COMMERCIAL FAR (A)	15	ECS
REQUIRED PARKING FOR RESIDENTIAL @1 ECS PER 80 SQM OF NET RESIDENTIAL FAR (B)	885	ECS
TOTAL REQUIRED PARKING = A + B	900	ECS
BASEMENT PARKING		UNIT
TOTAL BASEMENT AREA IN PHASE-2, TBA	3647.659	SQMT
TOWER CORE AREA IN BASEMENT IN PHASE-2	91.665	SQMT
TOTAL DEDUCTION OF BASEMENT IN PHASE-2, TD	91.665	SQMT
TOTAL BASEMENT PARKING AREA IN PHASE-2, A (TBA-TD)	3555.993	SQMT
PROPOSED CAR PARKING IN BASEMENT IN PHASE-2 @1 ECS PER 30 SQM PARKING AREA (PB1), A/30	119	NOS
TOTAL BASEMENT PARKING AREA IN PHASE-1, B	11302.181	SQMT
TOTAL BASEMENT PARKING AREA, C (A + B)	14858.175	SQMT
PROPOSED CAR PARKING IN BASEMENT @1 ECS PER 30 SQM PARKING AREA (PB), C/30	495	ECS
TOTAL MECHANICAL PARKING PROVIDED (E)	361	SQMT
MECHANICAL PARKING PROVIDED @1ECS PER 18 SQM (PM)	20	ECS
TOTAL PROPOSED PARKING IN BASEMENT (PM+PB)	515	ECS
PARKING IN STILT AREA		
TOTAL STILT AREA IN PHASE-2, STA	2437.570	SQMT
TOWER CORE AREA IN STILT IN PHASE-2	145.123	SQMT
TOTAL DEDUCTION OF STILT IN PHASE-2, TD	145.123	SQMT
TOTAL STILT PARKING AREA IN PHASE-2, D (STA-TD)	2292.447	SQMT
TOTAL STILT PARKING AREA IN PHASE-1, E	8031.516	SQMT
PROPOSE CAR PARKING IN STILT IN PHASE-2@ECS PER 30 SQM PARKING AREA (PS1), (D/30)	76	NOS
ALREADY PROPOSED CAR PARKING IN STILT IN PHASE-1, (E/30)	268	NOS
PROPOSED CAR PARKING IN STILT @1 ECS PER 30 SQM PARKING AREA (PS), F/30	344	ECS
TOTAL STILT PARKING AREA, F (D + E)	10323.963	SQMT
TOTAL COVERED CAR PARKING PROVIDED,CP (PB + PS+PM)	859	ECS
PARKING IN OPEN AREA / SURFACE PARKING		
TOTAL AREA OF OPEN PARKING IN PHASE-1, H	852.00	SQMT
PROPOSED OPEN CAR PARKING @1 ECS PER 20 SQM PARKING AREA (OP), H/20	42	ECS
TOTAL CAR PARKING PROPOSED IN THE PLOT (OP + CP)	901	ECS

24 MTR ROAD



LEGENDS FOR LANDSCAPING

TREES PROVIDED = 150 (50%EVERGREEN & 50%ORNAMENTAL)

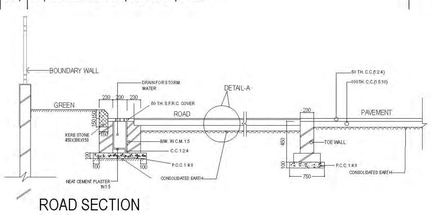
EVERGREEN TREE (75 NO.S)		ORNAMENTAL TREE (75 NO.S)	
ASHOKA	- 37 NO.S	BOTTLE PALM	- 37 NO.S
GULMOHAR	- 38 NO.S	BAMBOO	- 88 NO.S

BOUNDARY WALL DETAIL

PROJECT - GROUP HOUSING AT PLOT NO. 3C, SECTOR-12, GREATER NOIDA (WEST), UP

(A) Calculations for Terrace Infiltration Storm Water

	Rainfall Intensity for Design	**0.090 m/hr**
	Total Plot Area	20431.10 Sqm
a.)	Ground Coverage/Terrace Area	5476.192 Sqm
1	**For Roof / Terrace only**	
(i)	Average Runoff co-efficient for terraces and other built-up areas.	90%
(ii)	Area-(a.) considered (For Ground Coverage/Terrace Area only)	5476.19 m^2
(iii)	Theoretical Volume of Infiltration Wells required. Approximately (Total Area x 0.90 x	**443.57 m^3/hr**
2	**Total Volume Generated per hour**	**443.57 m^3/hr**
	For 15 minute holding capacity	110.89 m^3
3	**Size of the Wells**	
i)	Dia of Recharge well	2.50 *m*
ii)	Water Depth of Recharge well	2.10 *m*
iii)	Volume of 1 Infiltration well	10.30 *m3*
iv)	500 mm layer of coarse sand, 500 mm layer of gravel, 500 mm layer of boulders	1.50 *m*
v)	Volume of 1.5 m depth of coarse sand, gravel and boulders	4.91 m^3
vi)	Water absorption in coarse sand, gravel and boulders assumed @ 50%	2.45 *m3*
vii)	Absortion capacity of Recharge pit @ 60% of yeild capacity of borewell	
viii)	Yeild capacity of borewell (Assumed)	30.00 m^3/hr
ix)	Water absorption @ 60%	18.00 m^3/hr
x)	Absortion capacity in 15 minutes	4.50 *m3*
xi)	Total capacity of Recharge Pit	17.26 *m3*
xii)	Number of Infiltration Wells Provided	12.00 *Nos.*
xiii)	Total Rainwater holding/Absorbing capacity	207.08 *m3*
ivx)	Surplus Rainwater Disposal to City Drain	-96.18 *m3*



ROAD SECTION