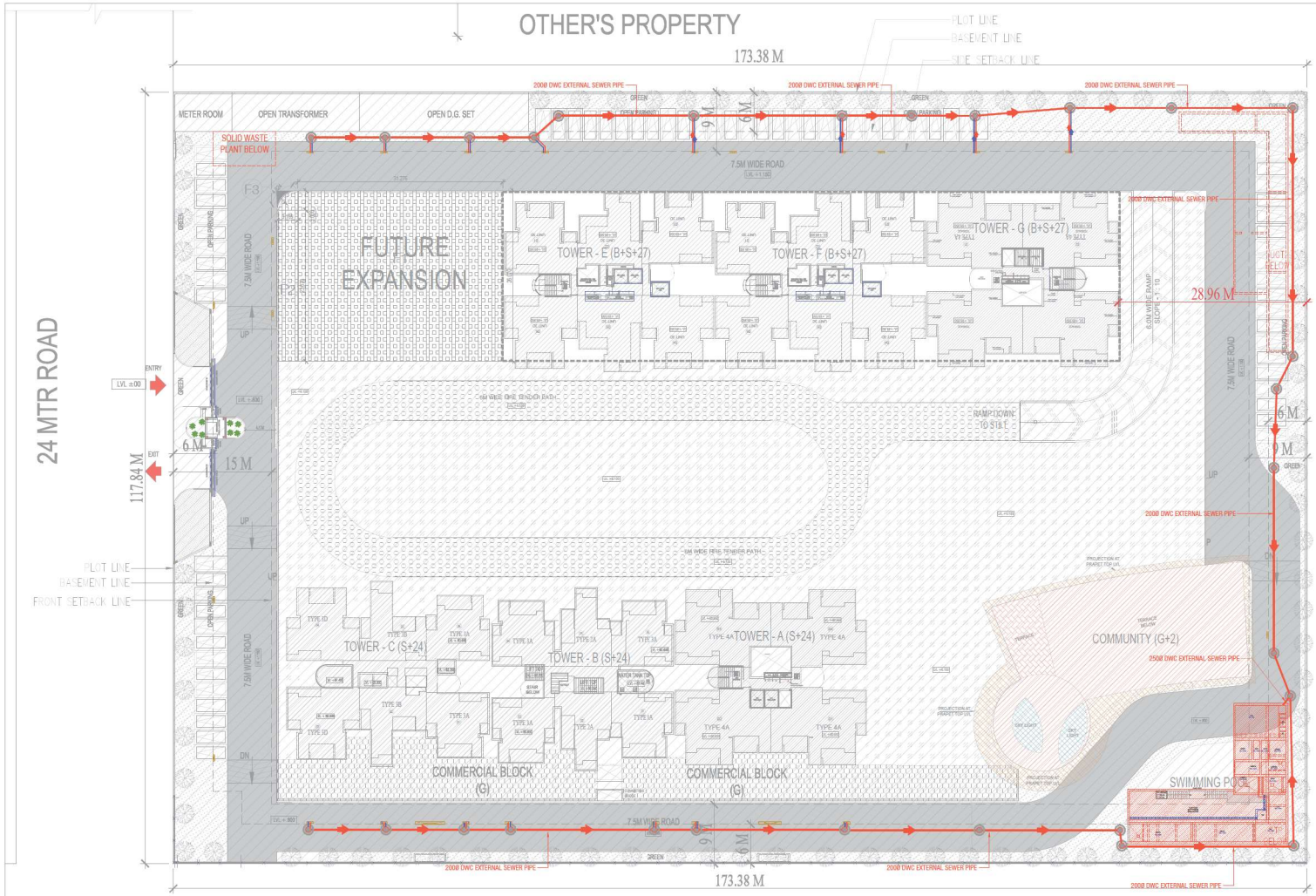

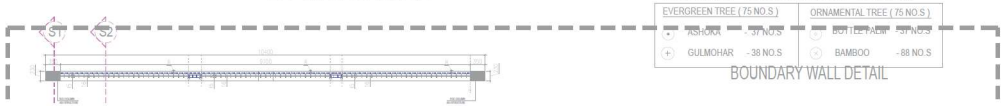

LEGENDS FOR LANDSCAPING

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

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

BOUNDARY WALL DETAIL

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

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	433.749	47.000	880.749
Commercial	1	15.685		15.685
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	430.204	52.445	482.649
Tower - B	1	404.284	55.007	459.290
Tower - C	1	492.436	61.236	553.672
Commercial	1	686.155		686.155
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 @ 1.5	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 85 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
NO OF ECS PARKING IN BASEMENT IN PHASE-2 @1 ECS PER 30 SQM PARKING AREA (PER - A/30)	119	ECS

PLUMBING & FIRE SERVICES LEGEND :

- SEWER MANHOLE WITH 500Ø MANHOLE COVER.
- STORM WATER MANHOLE WITH 500Ø 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)
- GW GARDEN HYDRANT WITH CHAMBER (300x300) MM
- EFH EXTERNAL FIRE HYDRANT (750 x 900 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
SEWER LAYOUT

PROJECT TITLE :

THE BROOK
exclusive living homes

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