

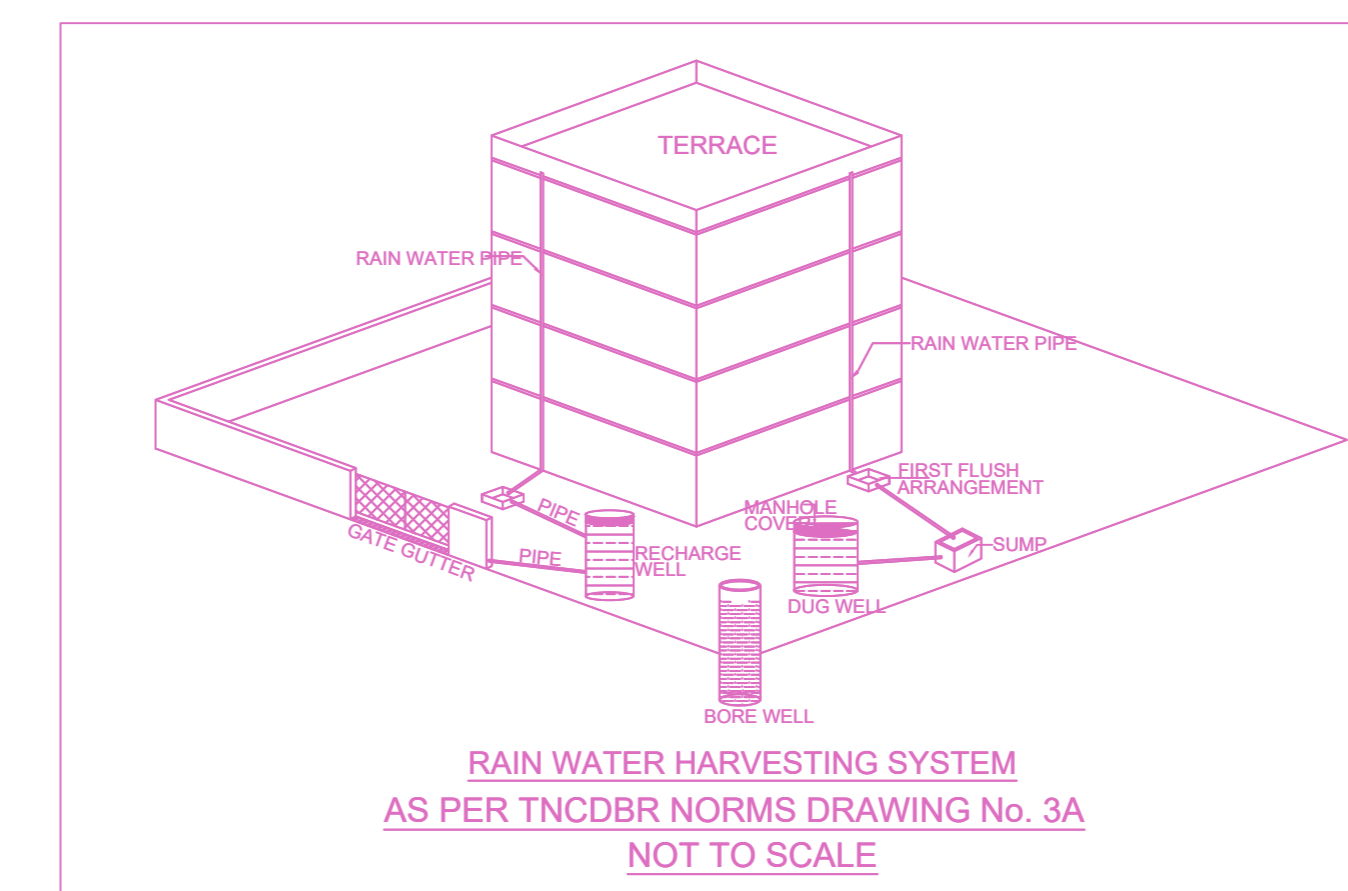
SITE PLAN



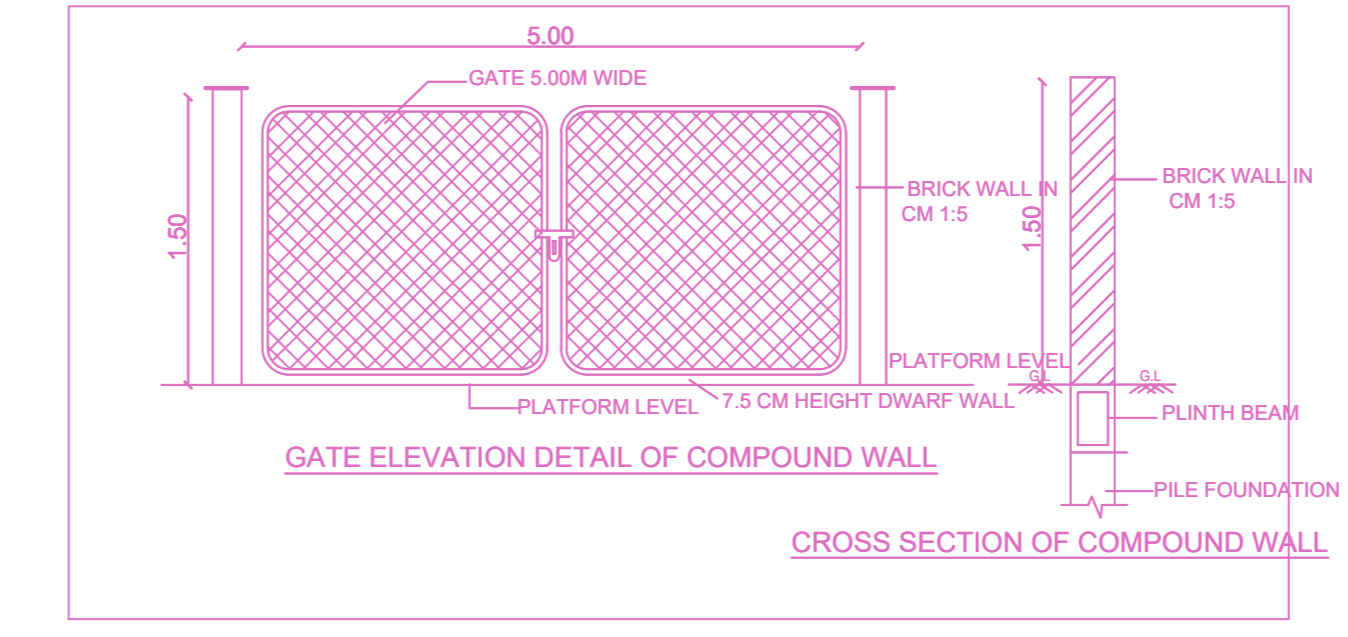
FRONT ELEVATION



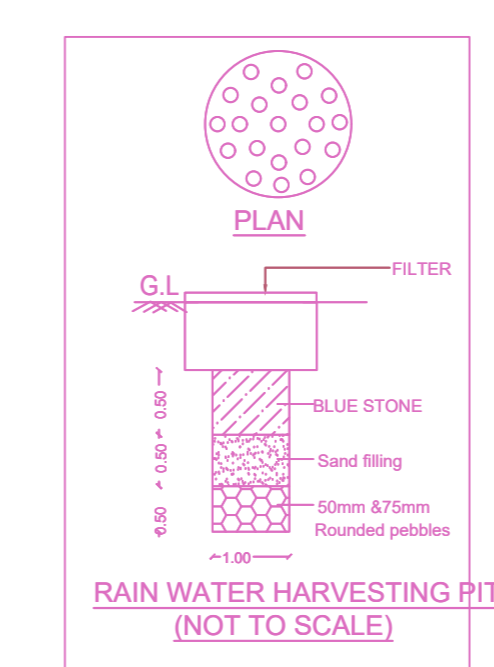
SECTION ON - "AA"



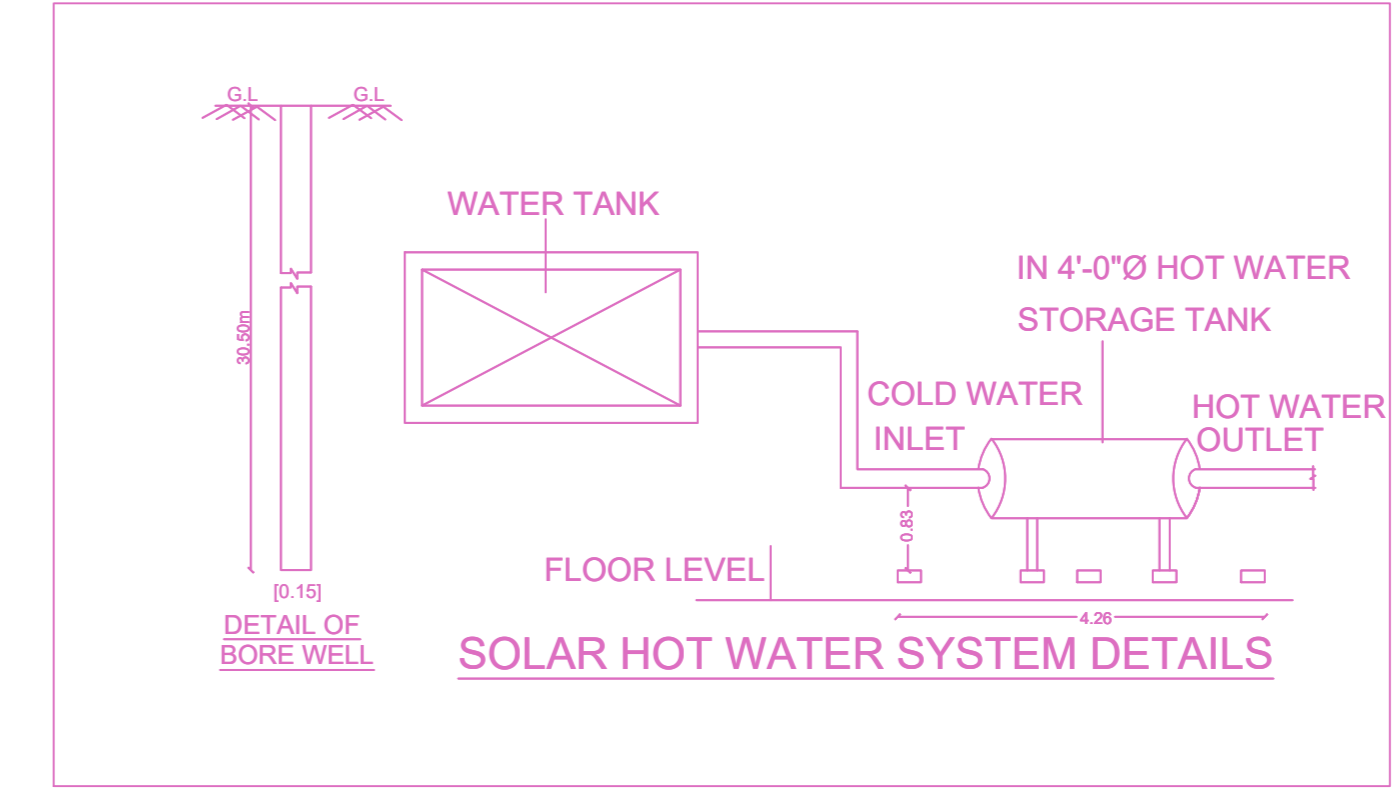
RAIN WATER HARVESTING SYSTEM AS PER TNCDBR NORMS DRAWING No. 3A NOT TO SCALE



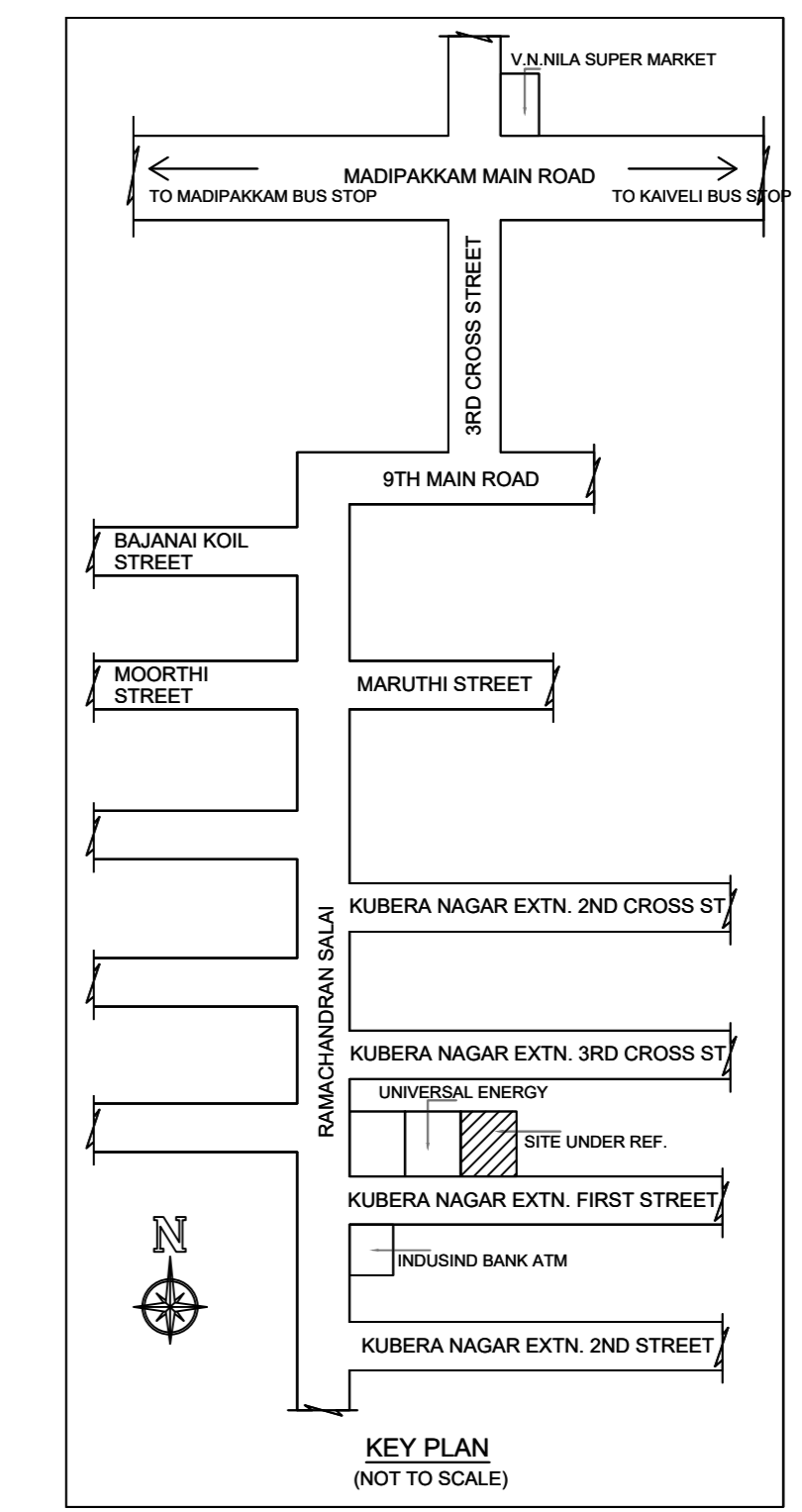
CROSS SECTION OF COMPOUND WALL



RAIN WATER HARVESTING PIT (NOT TO SCALE)



SOLAR HOT WATER SYSTEM DETAILS

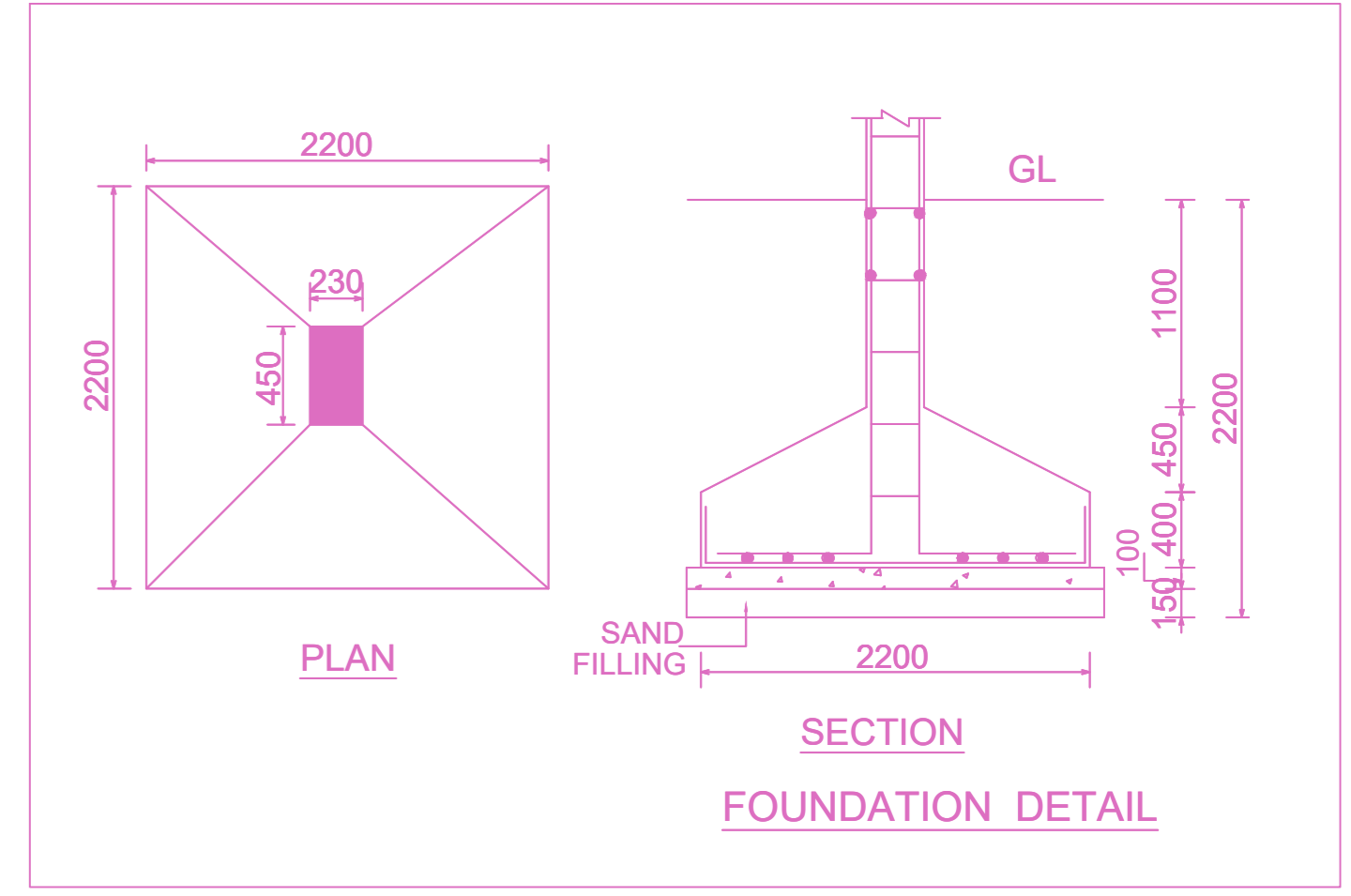


KEY PLAN (NOT TO SCALE)

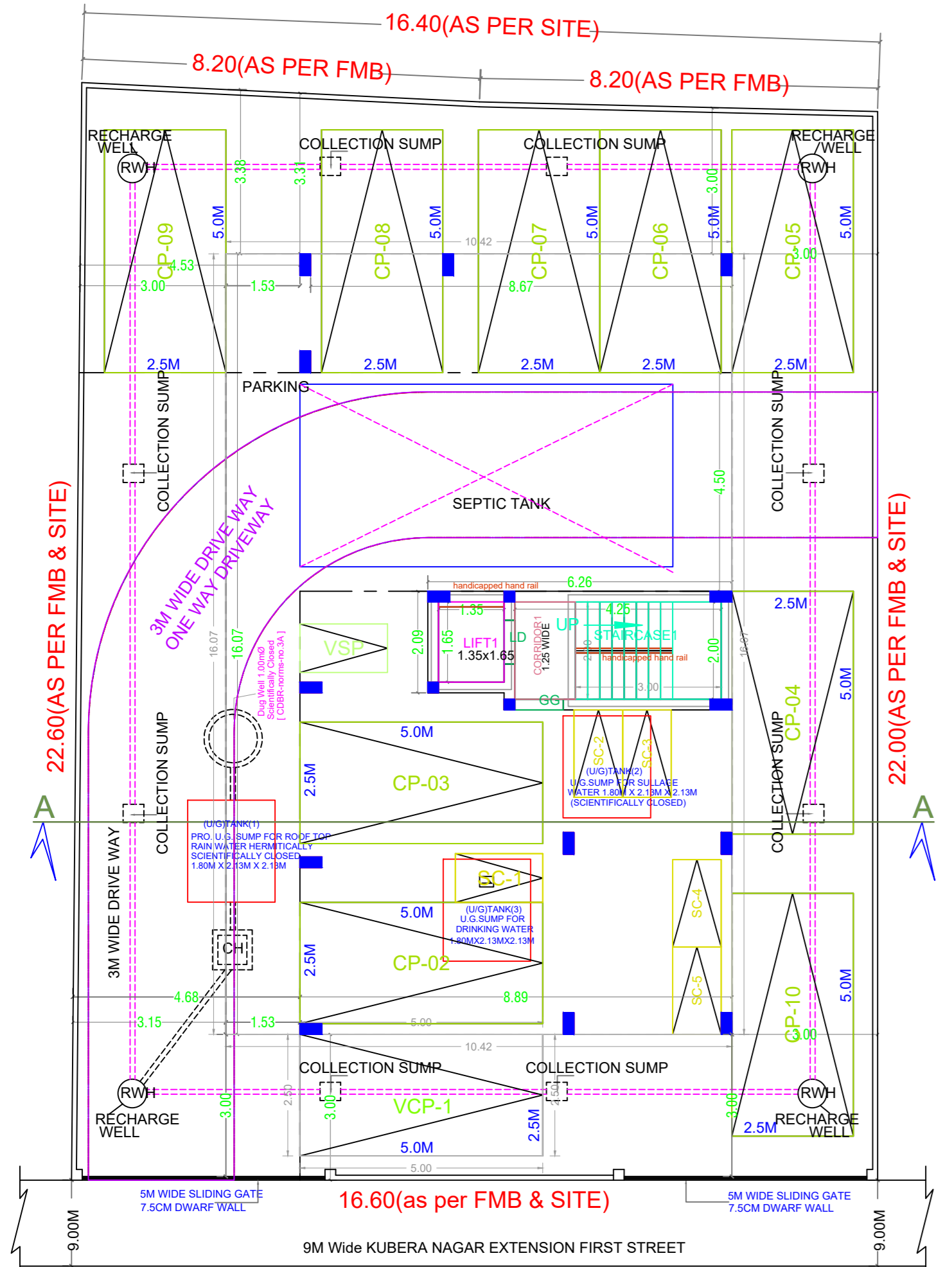
PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT FLOOR + 5 FLOORS (HEIGHT 18.30M) RESIDENTIAL BUILDING WITH 10 DWELLING UNITS AVAILING PREMIUM FSI AT PLOT No. 3, KUBERA NAGAR EXTENSION 1ST STREET, MADIPAKKAM, CHENNAI COMPRISED IN PYMASH No. 1263, 1264, OLD S.No. 104/2, NEW S.No. 104/21B & 104/22B OF MADIPAKKAM VILLAGE. WITHIN THE LIMITS OF GREATER CHENNAI CORPORATION.

A) AREA STATEMENT		SQ.M.
AREA AS PER PATTA		366.00
AREA AS PER DOCUMENT		366.22
AREA CONSIDERED FOR FSI		366.00
STREET ALIGNMENT/ ROAD WIDENING/LINK ROAD		0.00
OSR AREA		0.00
TOTAL FSI AREA		837.45
FSI FACTOR		2.288
COVERAGE AREA (PERCENTAGE %)		NA

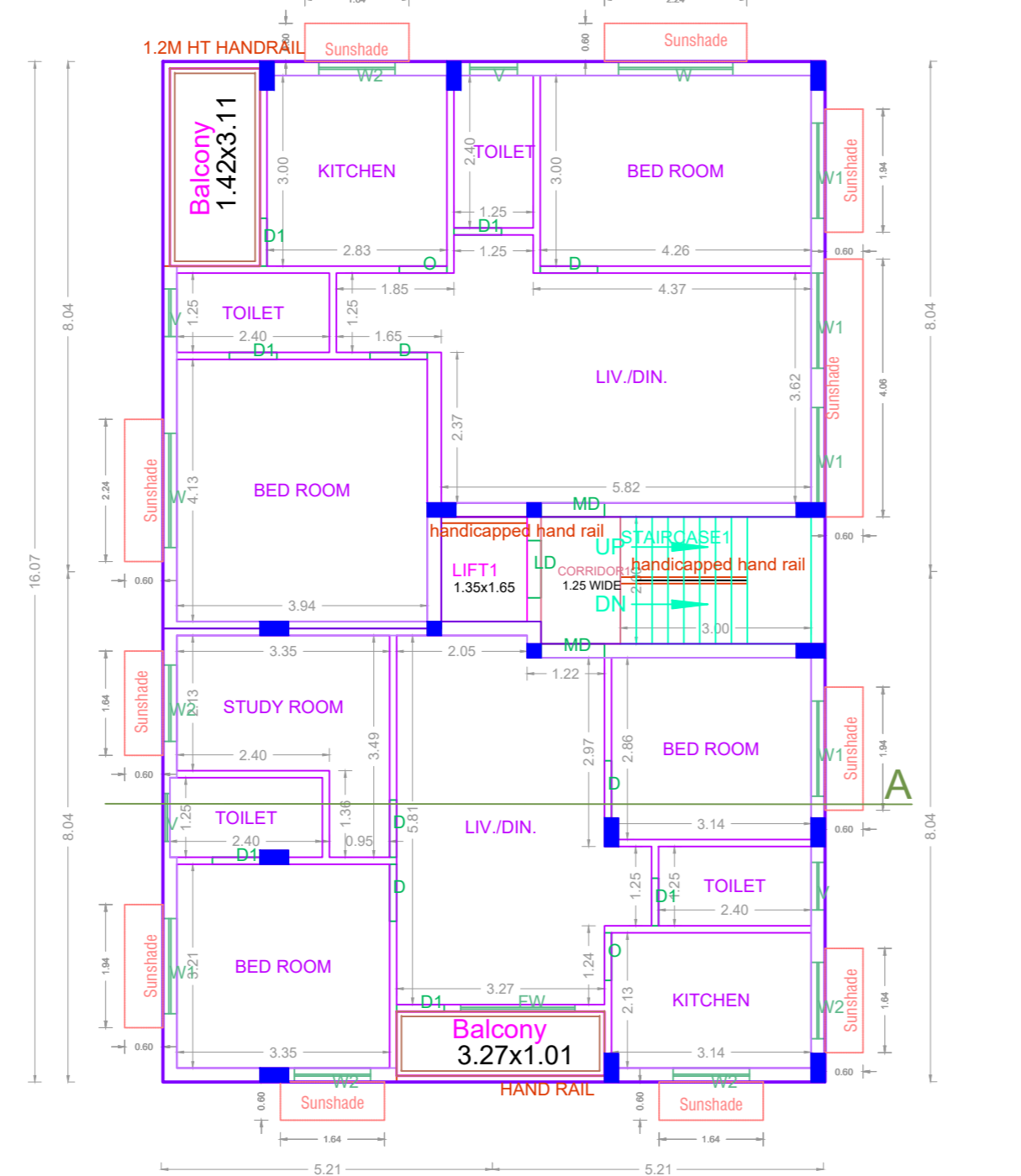
A) PARKING STATEMENT		
VEHICLE	REQUIRED	PROVIDED
LORRY	0	0
CAR	9	10
TWO WHEELER	6	6
CYCLE	0	0



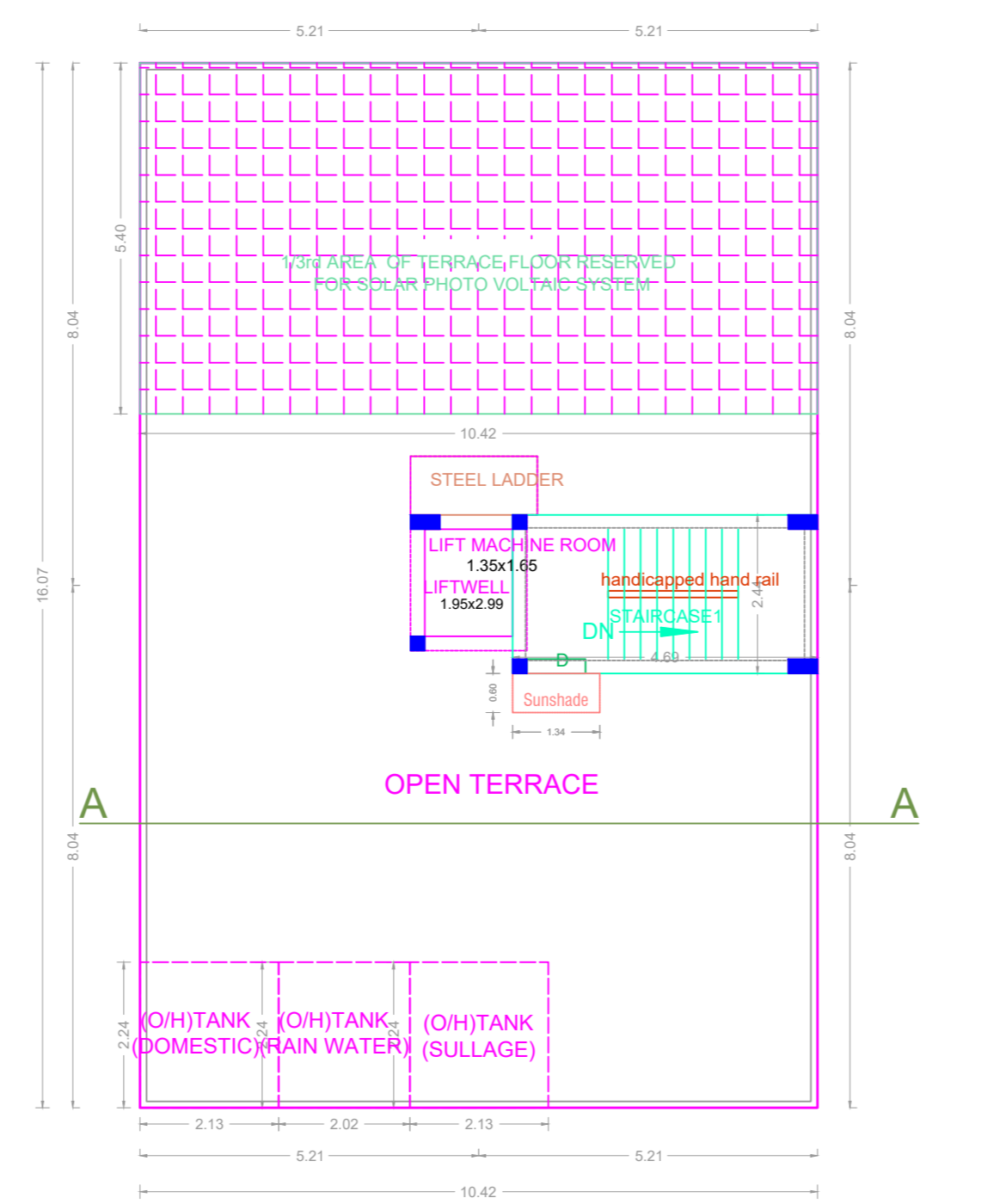
FOUNDATION DETAIL



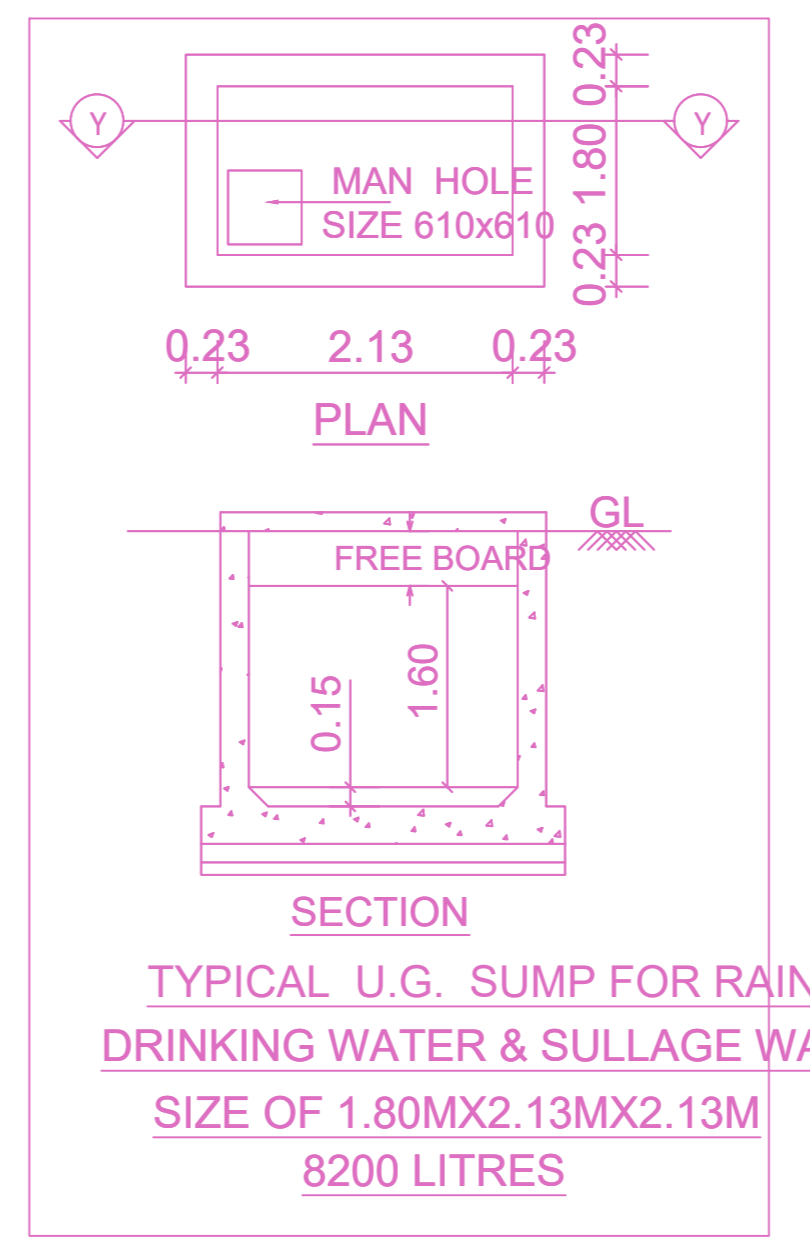
SITE/STILT PARKING FLOOR PLAN



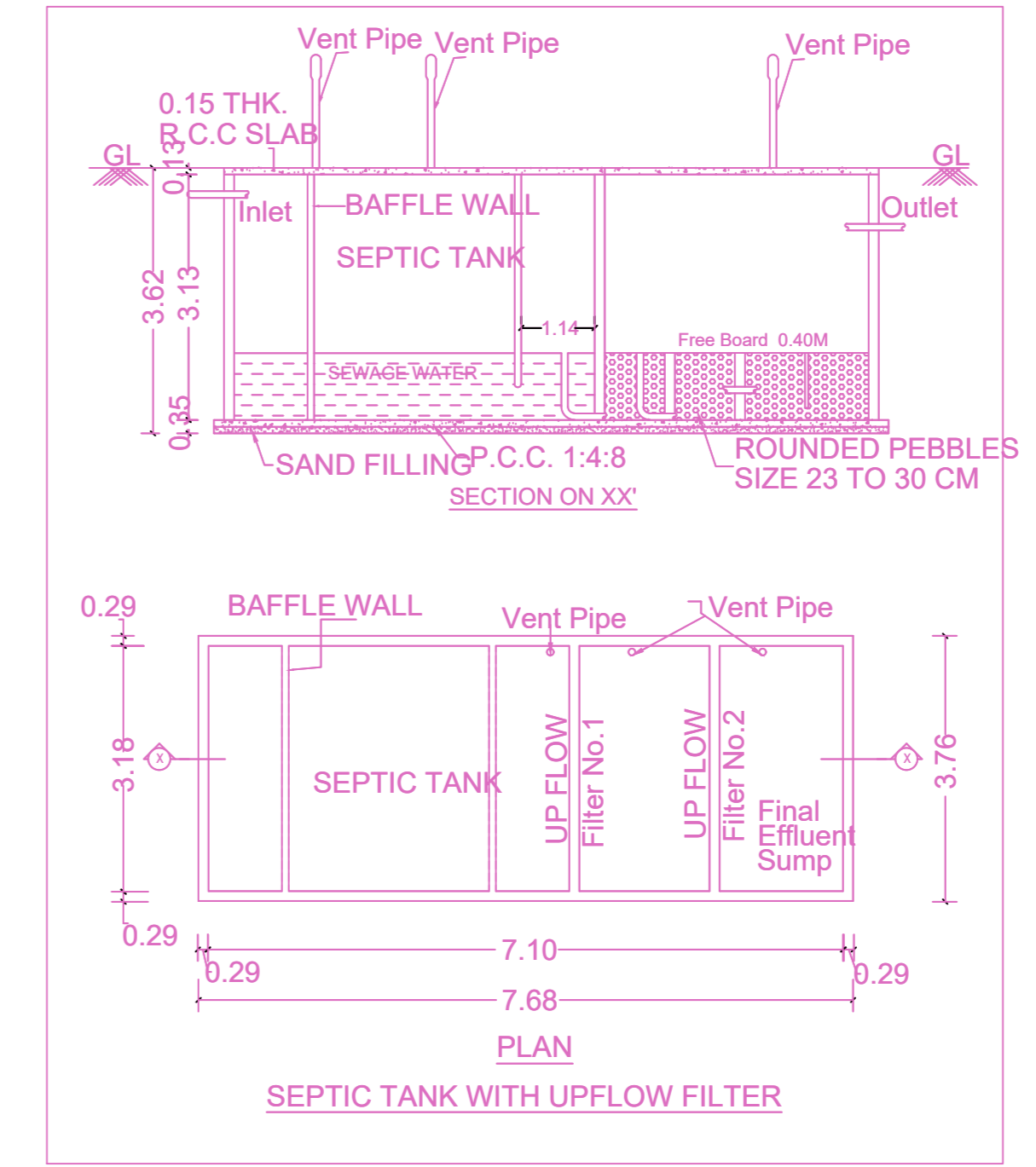
TYPICAL - 1st, 2nd, 3rd, 4th & 5th FLOOR PLAN



TERRACE FLOOR PLAN



TYPICAL U.G. SUMP FOR RAIN, DRINKING WATER & SULLAGE WATER SIZE OF 1.80MX2.13MX1.30M 8200 LITRES



SEPTIC TANK WITH UPFLOW FILTER

**DESIGN OF SEPTIC TANK WITH TWO UP FLOW FILTER**

No. of Dwelling Units --- 10 Units.  
 No. of Users per Dwelling Unit (2 BHK) --- 5 Nos.  
 No. of Users Assuming as 10 X 5 --- 50 Nos.  
 Assuming 2 Fixtures per Toilets.  
 hence - 50 X 2 --- 100 Units.  
 Per Hour Discharge is - 100 X 6 --- 600 Lts.  
**SEPTIC TANK:**  
 Surface Area needed --- 600 X 0.92/10 --- 55.20 SAY AS 56.00

Volume of Sedimentation  
 Assuming 0.30M depth (56.00 X 0.30M) --- 16.80 M3  
 For Digestion (500 X 0.033) --- 16.50 M3  
 For Sludge Storage (0.00021 X 365 X 25) --- 1.852M3  
 Depth (V / V) 7/5 --- 1.40M

**PROVIDED**  
 SIZE OF SEPTIC TANK --- 8.50 X 3.00 X 2.00  
**UP FLOW FILTER:**  
 Liquid depth of Septic Tank --- 2.5M  
 Up flow filter depth / Allowing 0.30M as Free board 1.4 - 0.3 --- 1.10M  
 Area needed = 1.10 / 1.10 --- 1.0M  
 Size of Up flow filter 2.0 X 2.0 --- 1.0M  
 Up flow = 1.0 X 2.0 X 1.5M X 2Nos.

**BUILDING WISE FSI STATEMENT**

BUILDING	NO OF SAME BUILDING	FSI AREA				DU	TOTAL FSI AREA
		COMM.	RESI.	IND.	INST.		
A-1 (KN ST)		0.00	837.45	0.00	0.00	10	837.45
Total		0.00	837.45	0.00	0.00	10	837.45

**FLOOR WISE FSI STATEMENT: A (KN ST)**

FLOORS	FSI AREA				DU	TOTAL FSI AREA
	COMM.	RESI.	IND.	INST.		
STILT PARKING FLOOR	0.00	0.00	0.00	0.00	0	0.00
FIRST FLOOR	0.00	167.49	0.00	0.00	2	167.49
SECOND FLOOR	0.00	167.49	0.00	0.00	2	167.49
THIRD FLOOR	0.00	167.49	0.00	0.00	2	167.49
FOURTH FLOOR	0.00	167.49	0.00	0.00	2	167.49
FIFTH FLOOR	0.00	167.49	0.00	0.00	2	167.49
Terrace	0.00	0.00	0.00	0.00	0	0.00
Total	0.00	837.45	0.00	0.00	10	837.45

**APPROVAL CONDITION**

SCALE 1:100

CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY

**APPROVED**

SUBJECT TO THE CONDITIONS MENTIONED IN THIS OFFICE