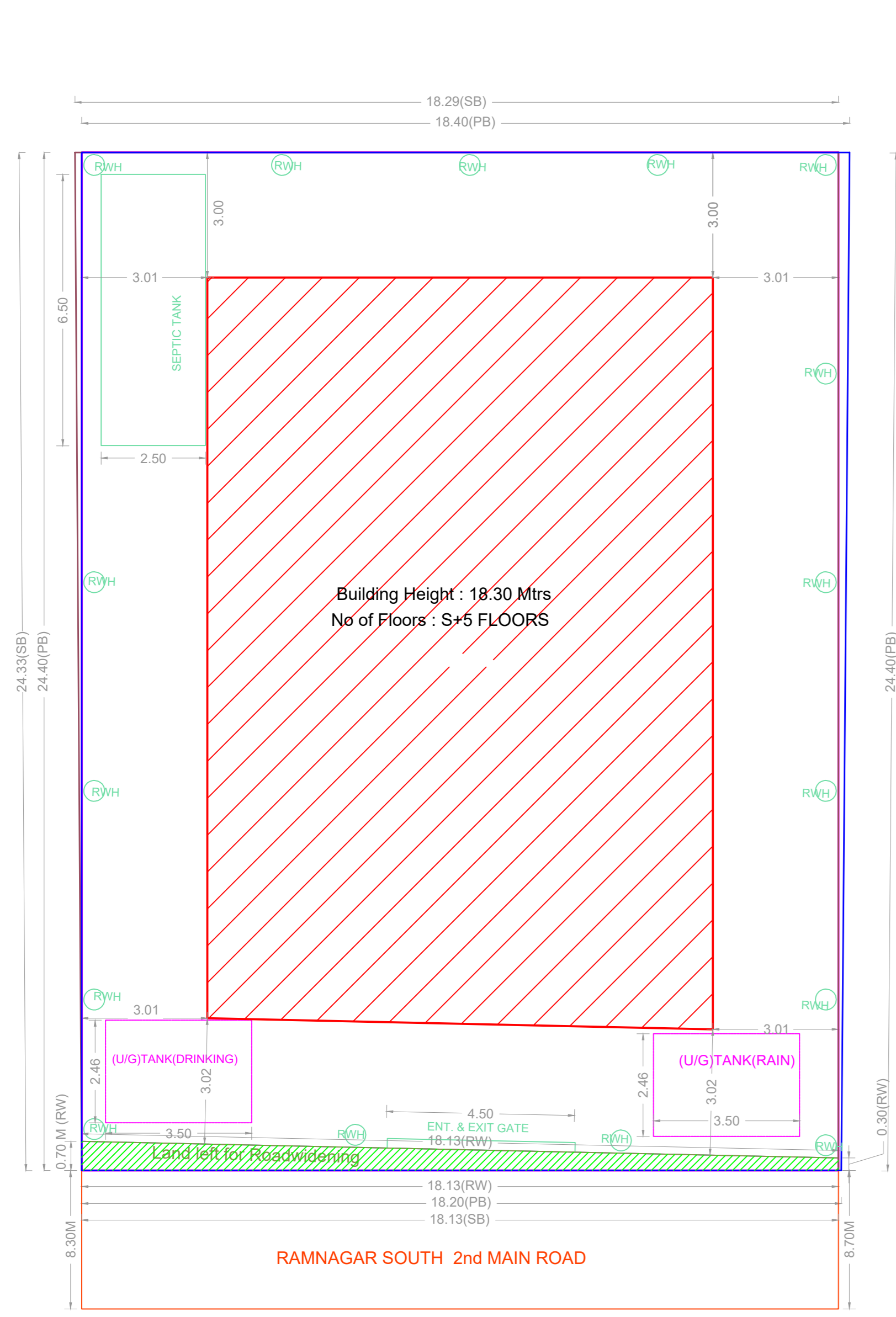


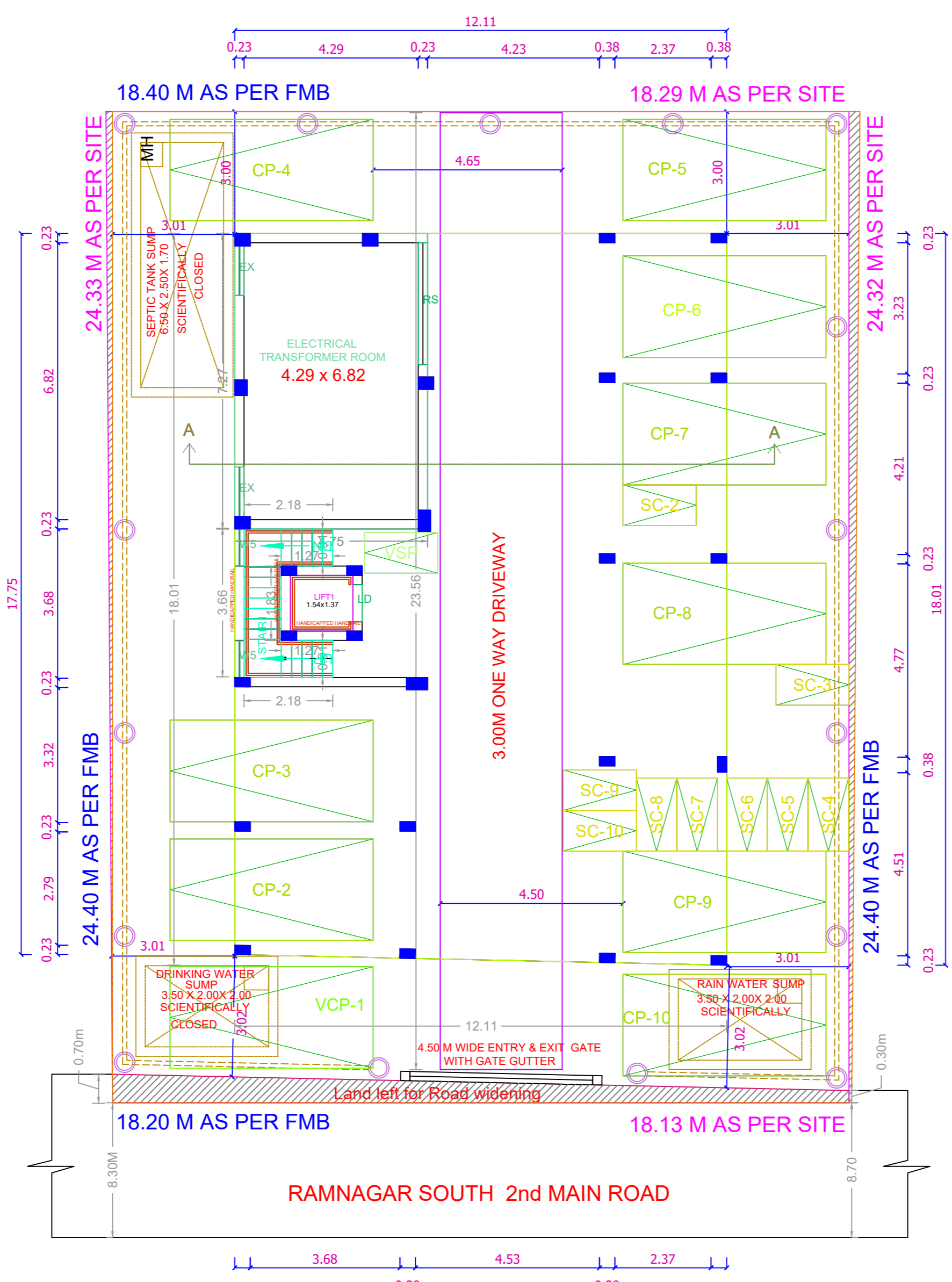
**PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT FLOOR +5 FLOORS (HEIGHT-18.30 M) RESIDENTIAL BUILDING WITH 12 DWELLING UNITS AVAILING PREMIUM FSI AT PLOT NO-51, RAM NAGAR SOUTH 2ND STREET, RAM NAGAR SOUTH EXTENSION LAYOUT, PALLIKARANAI, CHENNAI, COMPRISED IN S.Nos : 30/9 & 47/4 OF PALLIKARANAI VILLAGE, WITHIN THE LIMITS OF GREATER CHENNAI CORPORATION.**

A) AREA STATEMENT		SQ.M.
AREA AS PER PATTA		445.00
AREA AS PER DOCUMENT		445.93
AREA CONSIDERED FOR FSI		435.93
ROAD WIDENING AREA		9.07
OSR AREA		0.00
TOTAL FSI AREA		1117.42
FSI FACTOR		2.563
COVERAGE AREA (PERCENTAGE %)		NA

A) PARKING STATEMENT		
VEHICLE	REQUIRED	PROVIDED
LORRY	-	0
CAR	10	10
TWO WHEELER	4	10
CYCLE	-	0



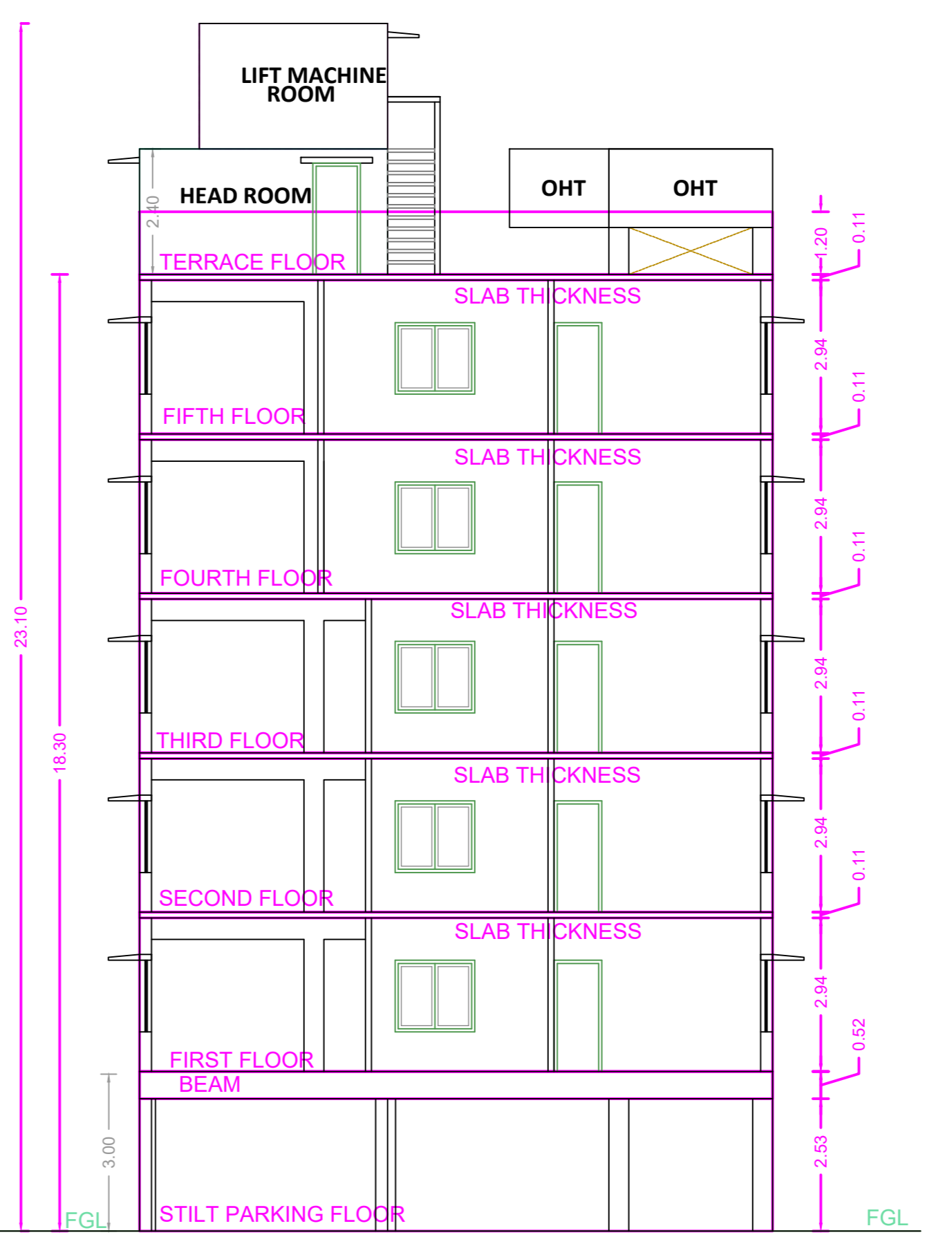
SITE PLAN



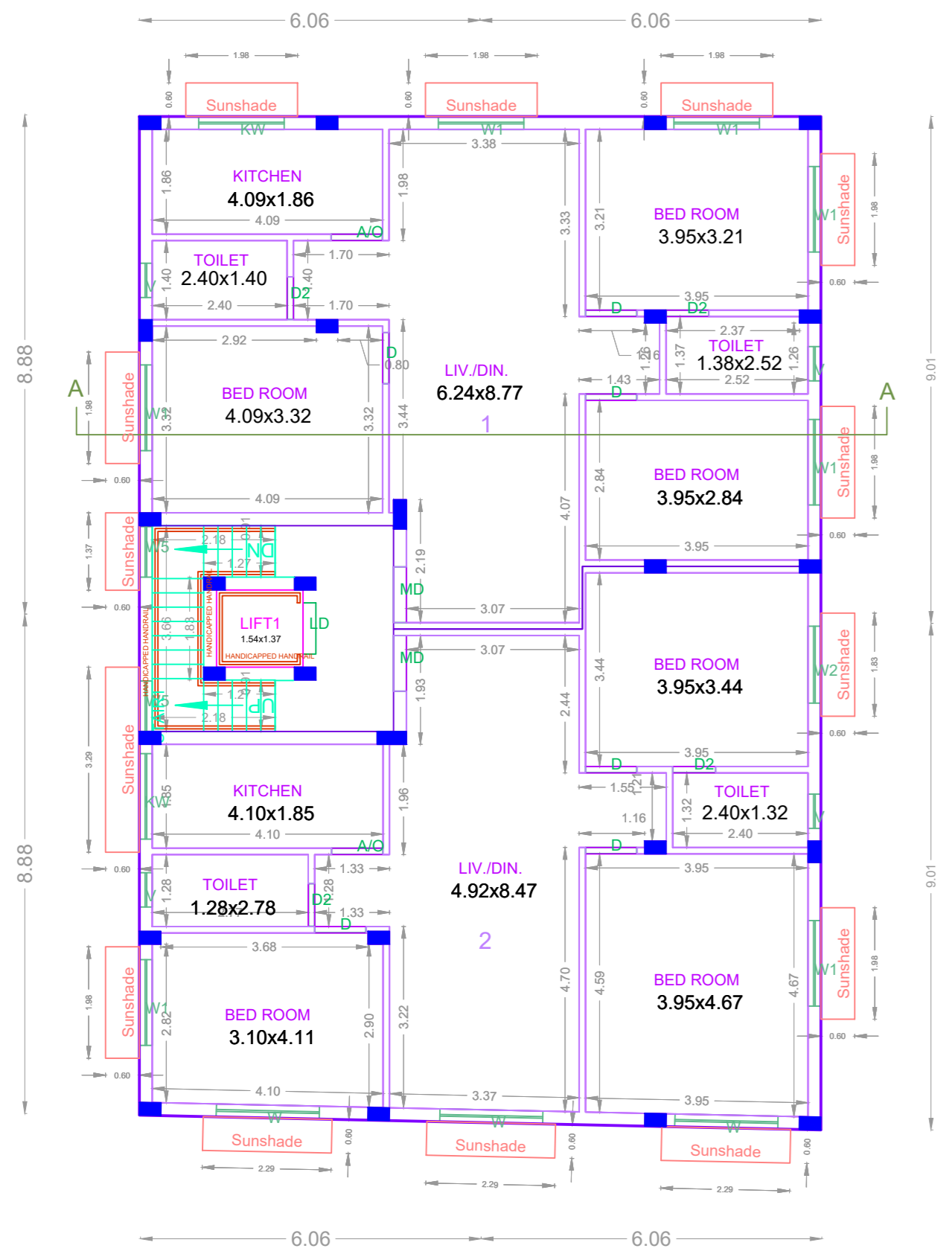
SITE/STILT PARKING FLOOR PLAN



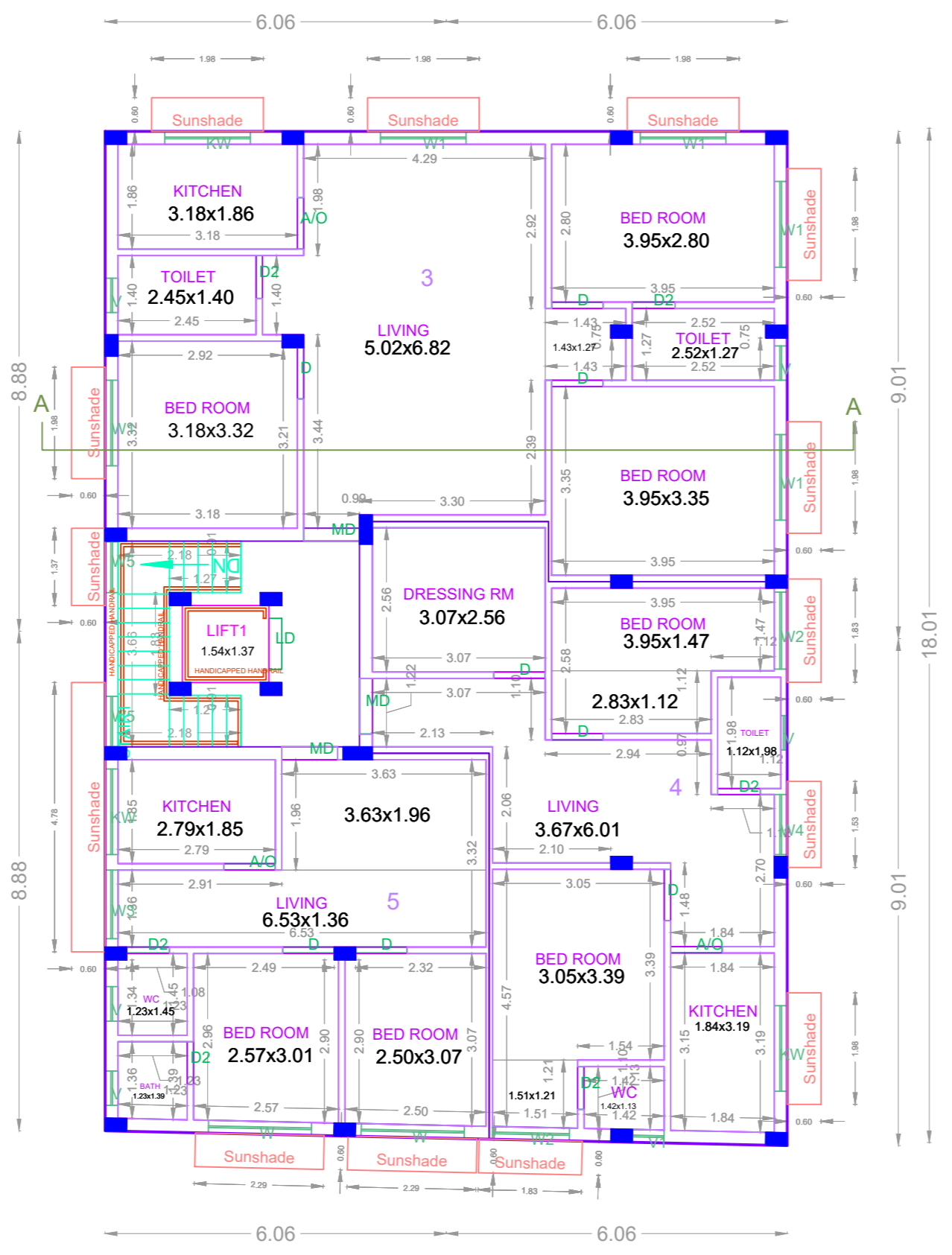
ELEVATION



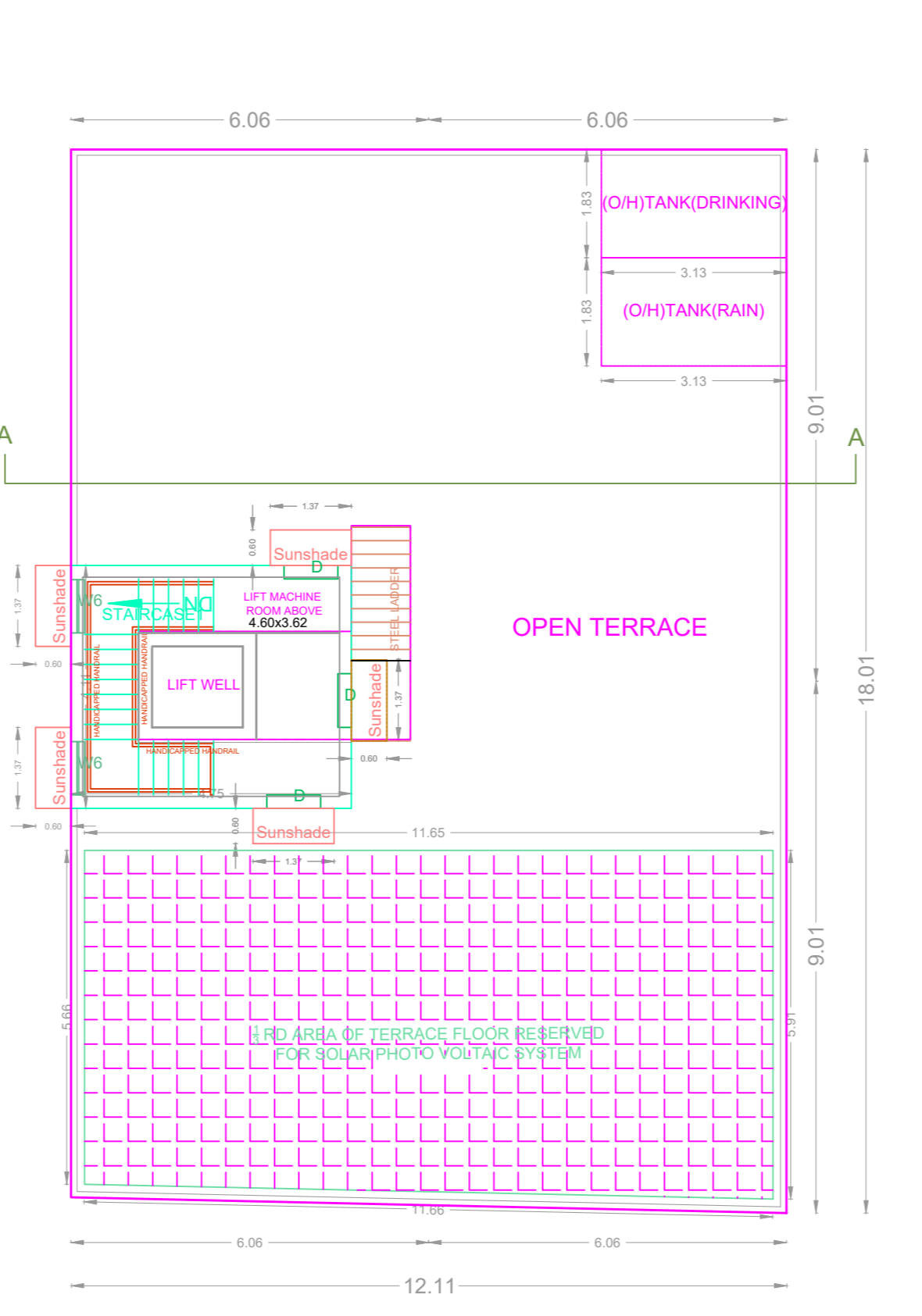
SECTION A-A



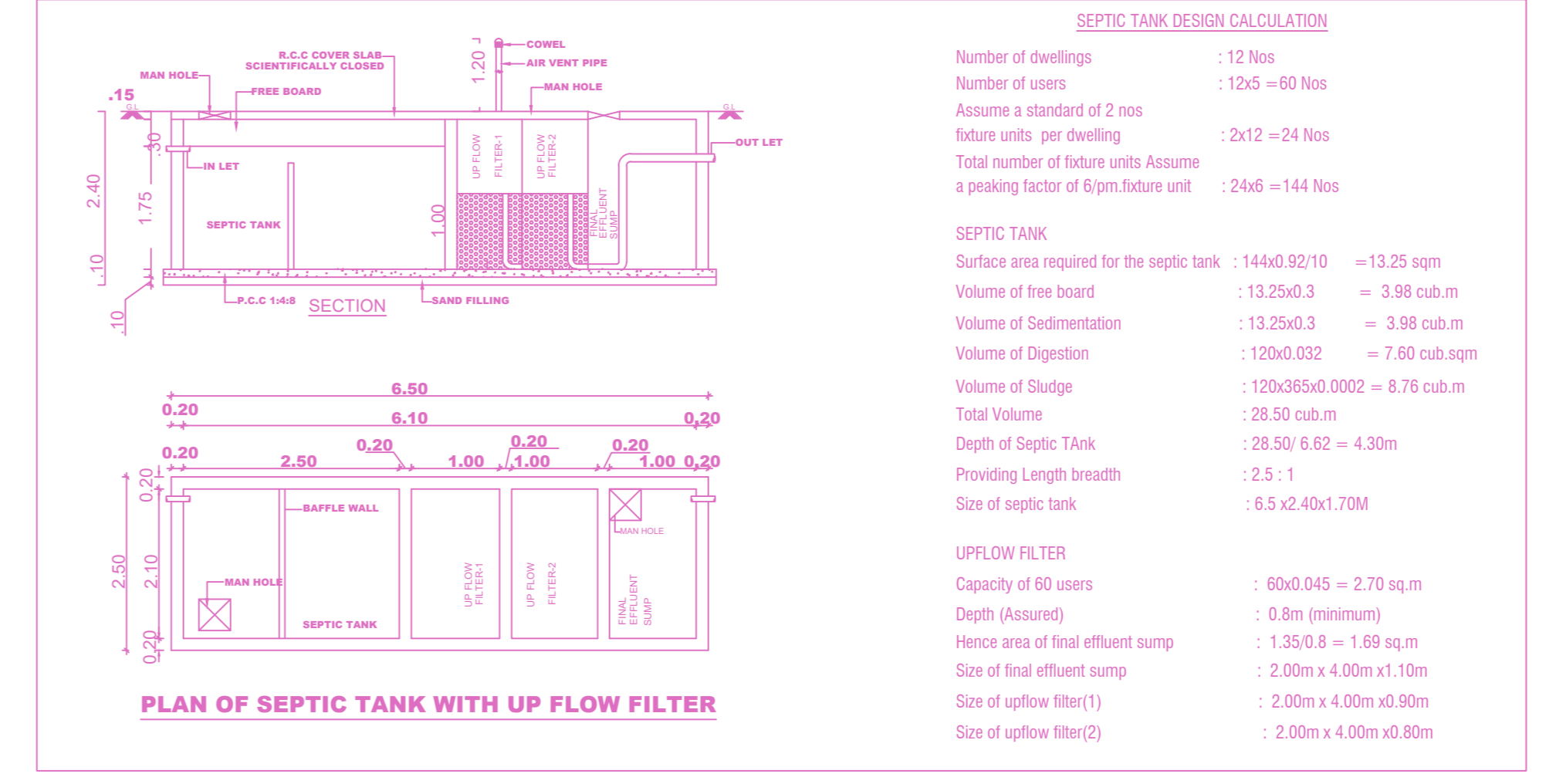
TYPICAL - 1st, 2nd & 3rd FLOOR PLAN



TYPICAL - 4th & 5th FLOOR PLAN



TERRACE FLOOR PLAN



PLAN OF SEPTIC TANK WITH UP FLOW FILTER

**SEPTIC TANK DESIGN CALCULATION**

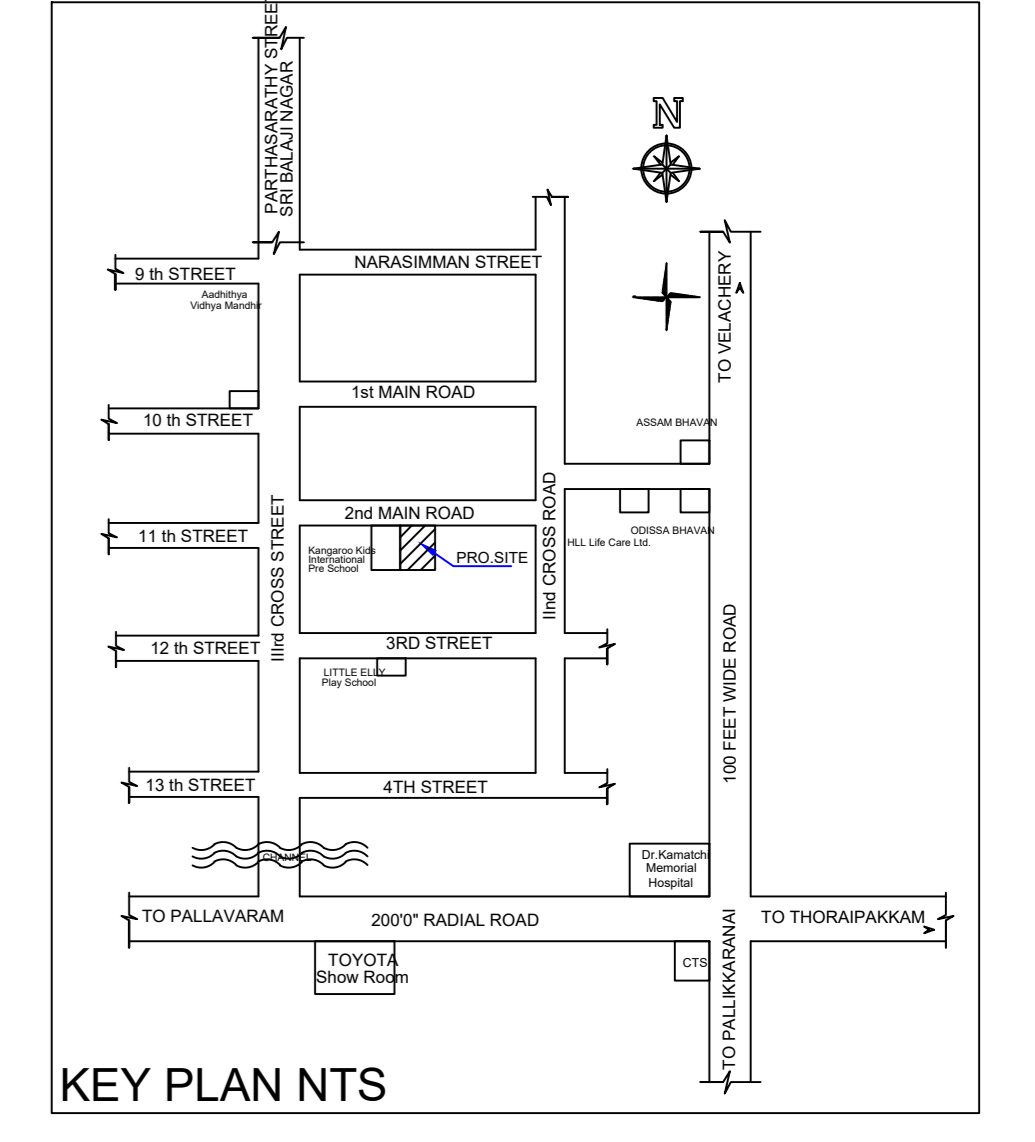
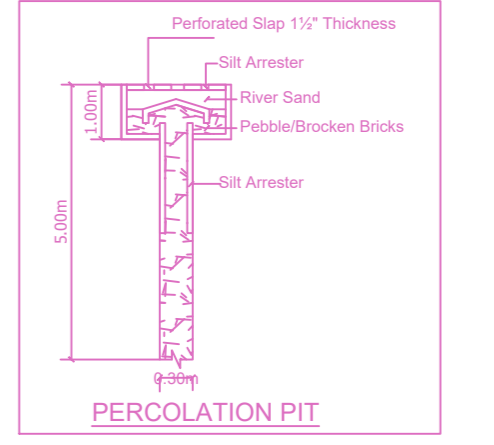
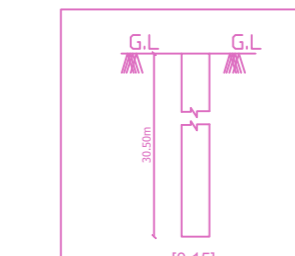
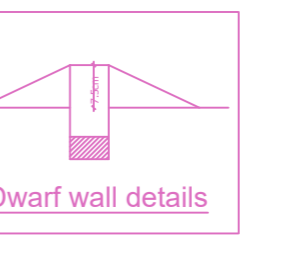
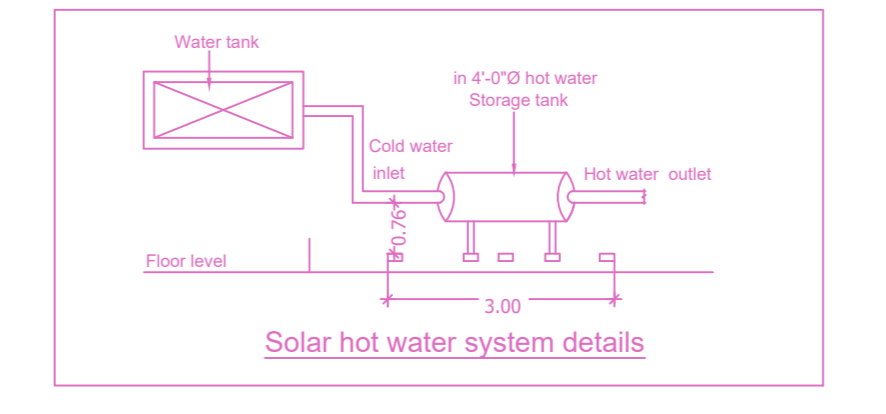
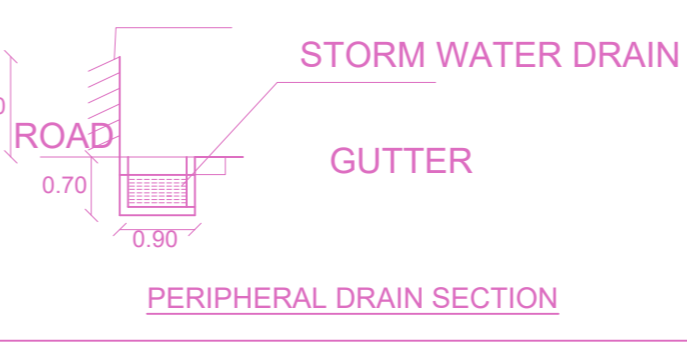
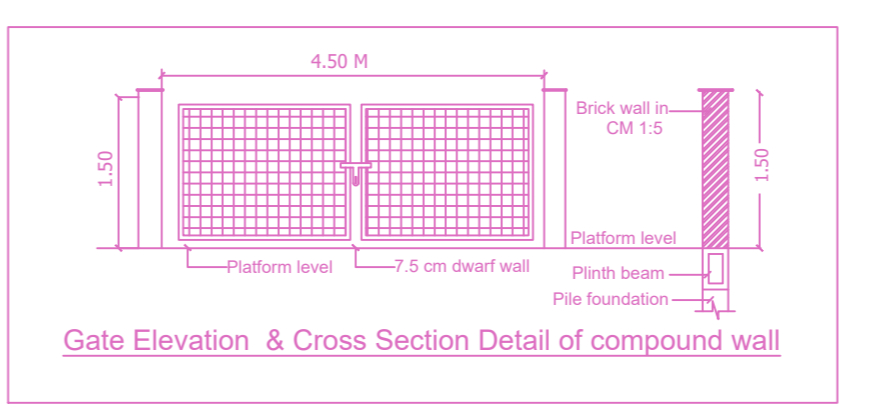
Number of dwellings : 12 Nos  
 Number of users : 125 = 60 Nos  
 Assume a standard of 2 nos  
 fixture units per dwelling : 2x12 = 24 Nos  
 Total number of fixture units Assume  
 a peaking factor of 0.9m fixture unit : 24x2 = 48 Nos

**SEPTIC TANK**

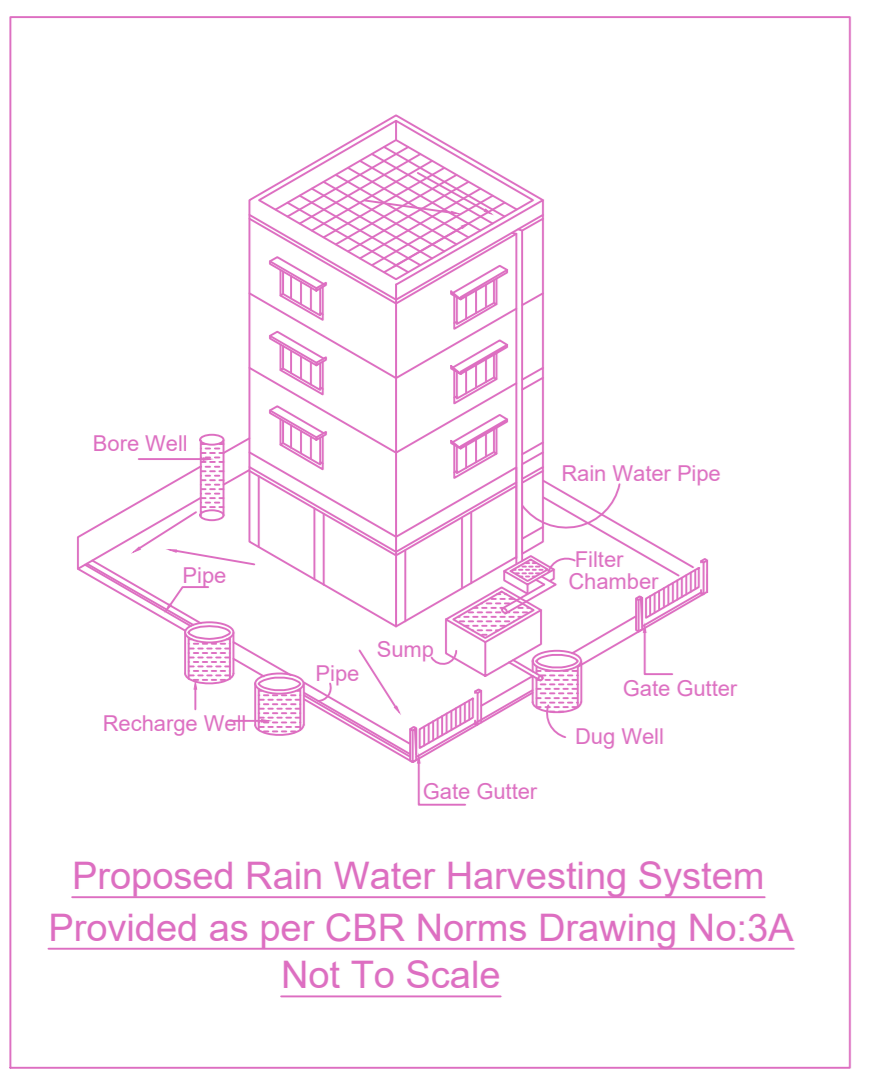
Surface area required for the septic tank : 1440.00/10 = 144.00 sqm  
 Volume of raw waste : 13.25x3 = 39.75 cub.m  
 Volume of Sedimentation : 13.25x3 = 39.75 cub.m  
 Volume of Digestion : 120x0.032 = 3.84 cub.m  
 Volume of Sludge : 120x0.05x0.002 = 0.12 cub.m  
 Total Volume : 39.75+39.75+3.84+0.12 = 83.46 cub.m  
 Depth of septic tank : 28.50/0.32 = 89.06 m  
 Providing Length breadth : 2.5 : 1  
 Size of septic tank : 6.5 x 2.0 x 1.20 M

**UPFLOW FILTER**

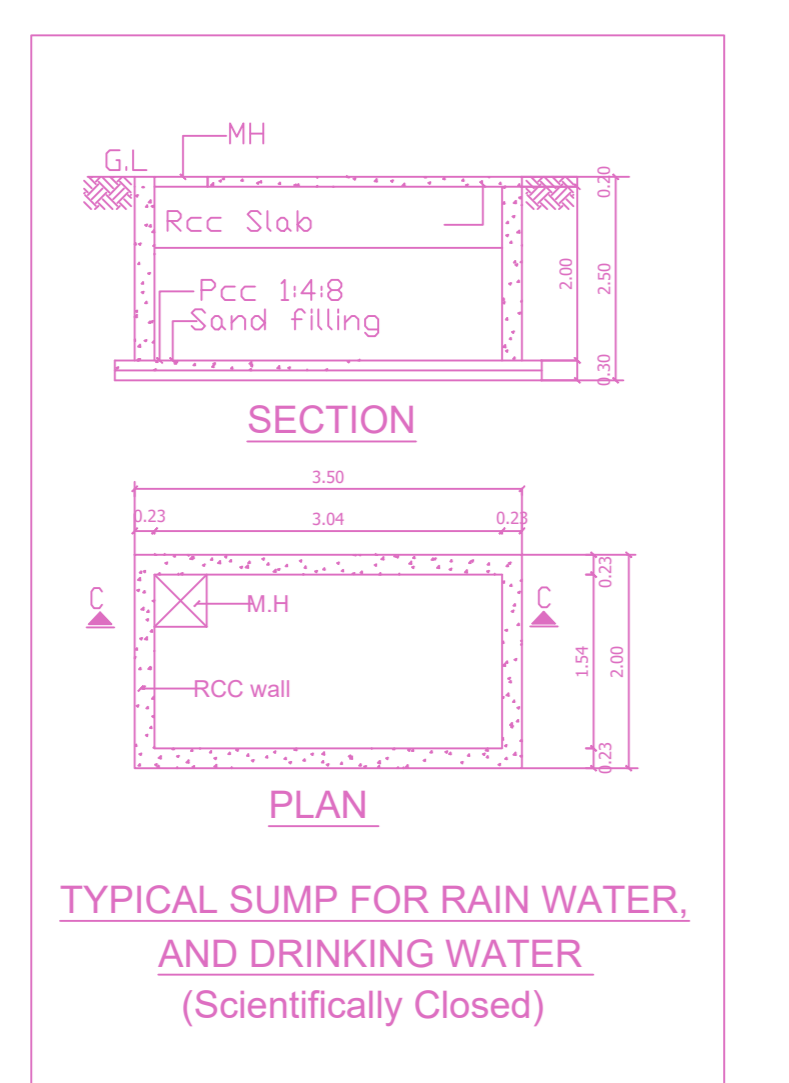
Capacity of 60 users : 60x0.045 = 2.70 sq.m  
 Depth (assumed) : 0.8m (minimum)  
 Net area of float effluent sump : 1.28x0.8 = 1.02 sq.m  
 Size of float effluent sump : 2.00m x 0.50m x 1.10m  
 Size of upflow filter(1) : 2.00m x 4.00m x 0.80m  
 Size of upflow filter(2) : 2.00m x 4.00m x 0.80m



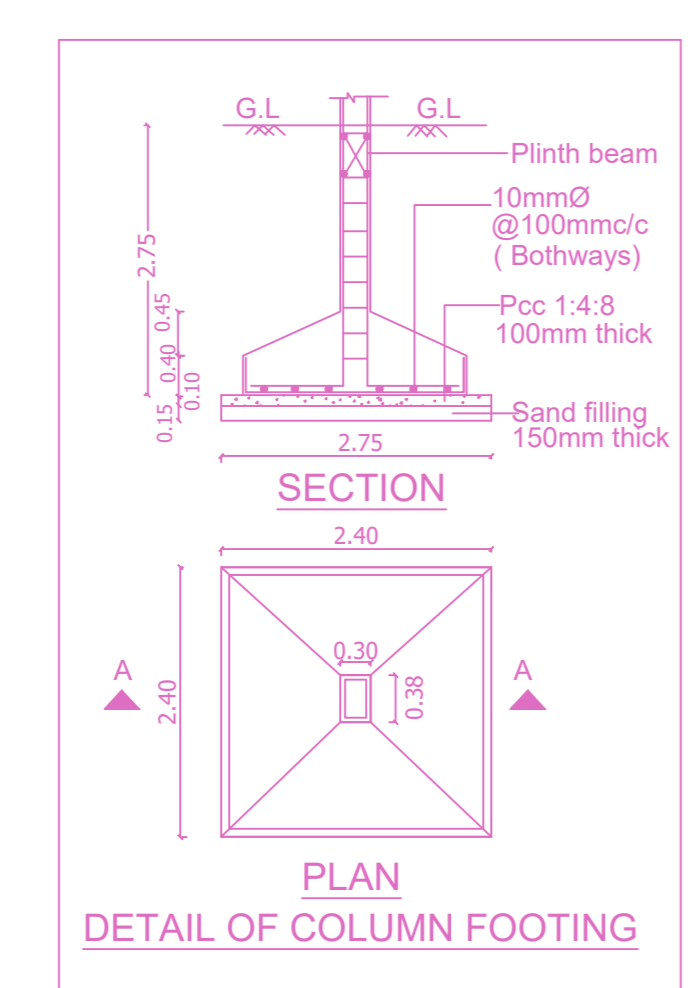
Location plan (Taken as per User Inputs)



Proposed Rain Water Harvesting System Provided as per CBR Norms Drawing No.3A Not To Scale



TYPICAL SUMP FOR RAIN WATER AND DRINKING WATER (Scientifically Closed)



DETAIL OF COLUMN FOOTING

**BUILDING WISE FSI STATEMENT**

BUILDING	NO OF SAME BUILDING	FSI AREA				DU	TOTAL FSI AREA
		COMM.	RESI.	IND.	INST.		
1-1 (RESI)		0.00	1117.42	0.00	0.00	12	1117.42
Total		0.00	1117.42	0.00	0.00	12	1117.42

**FLOOR WISE FSI STATEMENT: 1 (RESI)**

FLOORS	FSI AREA				DU	TOTAL FSI AREA
	COMM.	RESI.	IND.	INST.		
STILT PARKING FLOOR	0.00	34.52	0.00	0.00	0	34.52
FIRST FLOOR	0.00	216.58	0.00	0.00	2	216.58
SECOND FLOOR	0.00	216.58	0.00	0.00	2	216.58
THIRD FLOOR	0.00	216.58	0.00	0.00	2	216.58
FOURTH FLOOR	0.00	216.58	0.00	0.00	3	216.58
FIFTH FLOOR	0.00	216.58	0.00	0.00	3	216.58
Terrace	0.00	0.00	0.00	0.00	0	0.00
Total	0.00	1117.42	0.00	0.00	12	1117.42

APPROVAL CONDITION

SCALE 1:100

CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY  
**APPROVED**

SUBJECT TO THE CONDITIONS MENTIONED IN THIS OFFICE