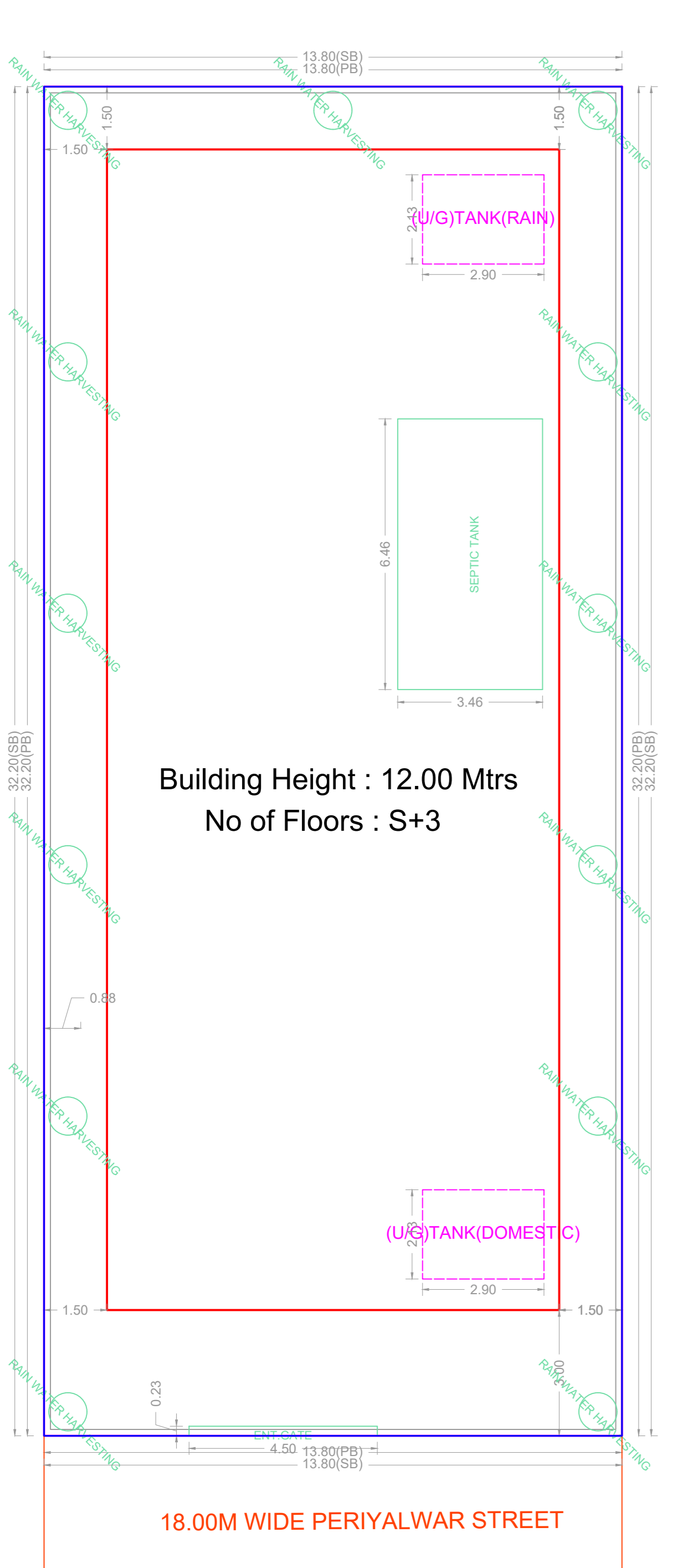
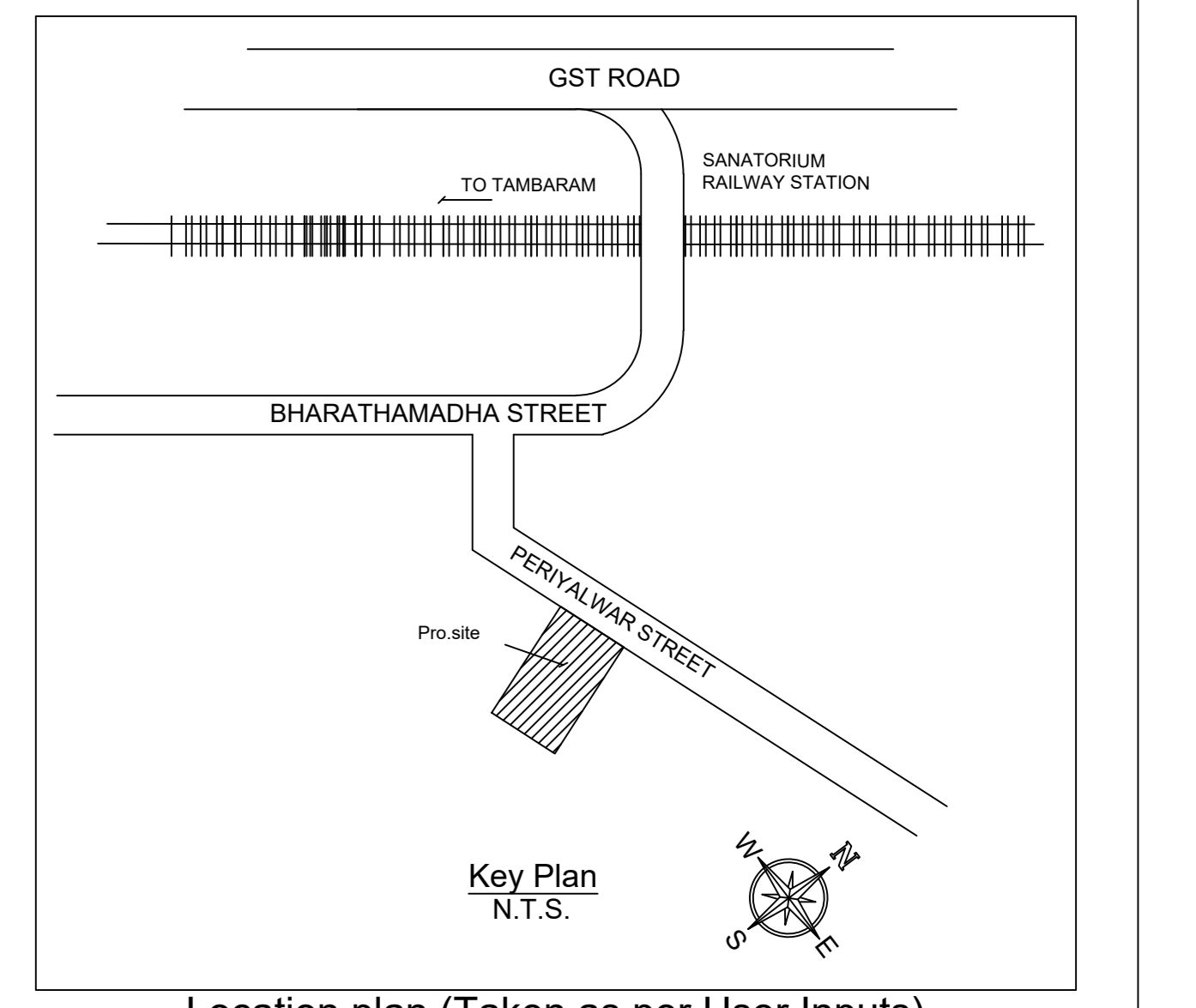


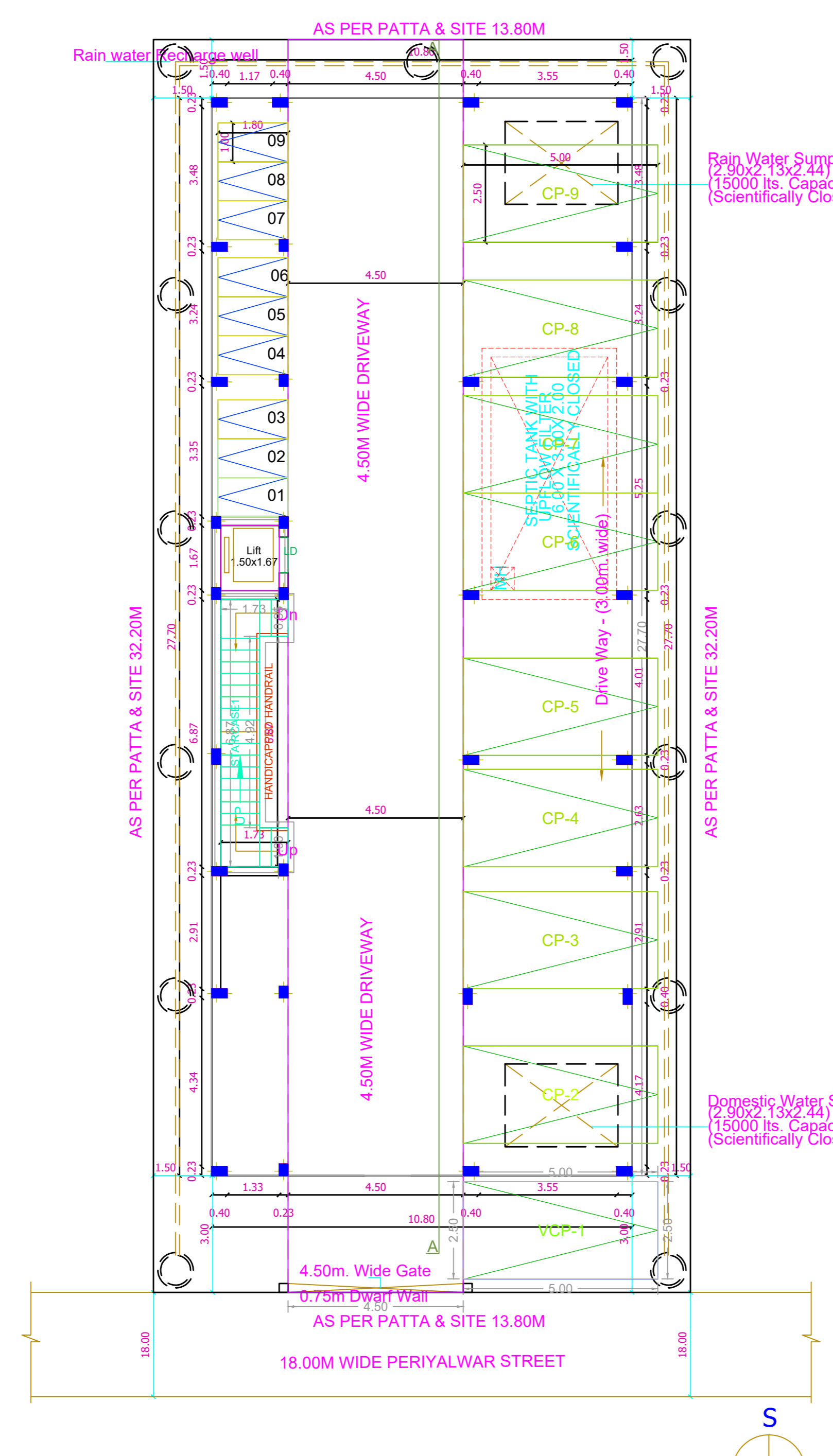
PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT FLOOR + 3 FLOORS (12.0M HEIGHT) RESIDENTIAL BUILDING WITH 9 DWELLING UNITS AT DOOR NO.5, PERIALWAR STREET, SUNDARAM COLONY, SELAIYUR, CHENNAI IN OLD S.NO.103/4, T.S.NO.10, BLOCK NO.3, WARD-G SELAIYUR, TAMBARAM TALUK WITHIN THE LIMIT OF TAMBARAM MUNICIPAL CORPORATION.

A) AREA STATEMENT		SQ.M.
AREA AS PER PATTA		444.00
AREA AS PER DOCUMENT		438.96
AREA CONSIDERED FOR FSI		438.96
STREET ALIGNMENT/ ROAD WIDENING/LINK ROAD		0.00
OSR AREA		0.00
TOTAL FSI AREA		873.03
FSI FACTOR		1.989
COVERAGE AREA (PERCENTAGE %)		NA

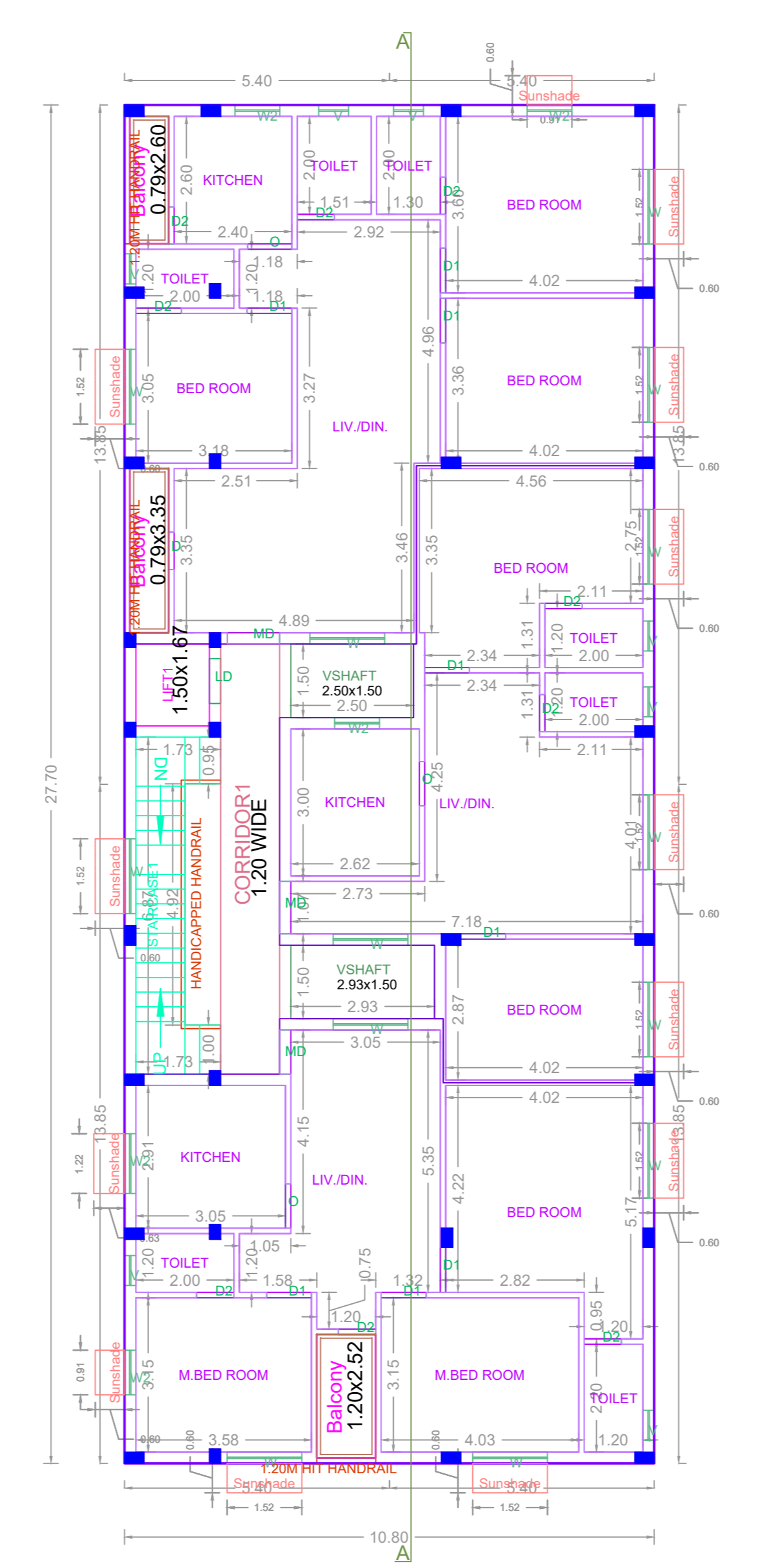
A) PARKING STATEMENT		
VEHICLE	REQUIRED	PROVIDED
LORRY	0	0
CAR	9	9
TWO WHEELER	3	9
CYCLE	0	0



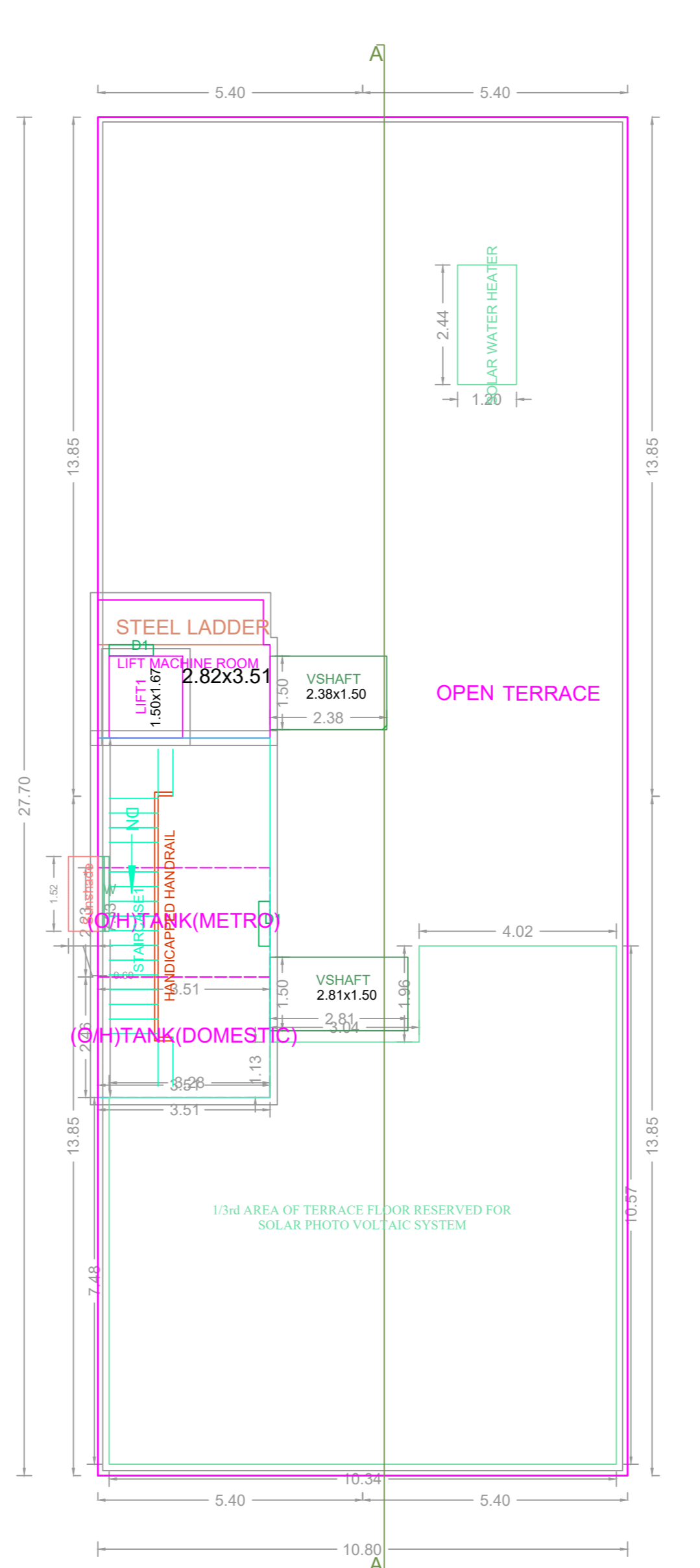
SITE PLAN



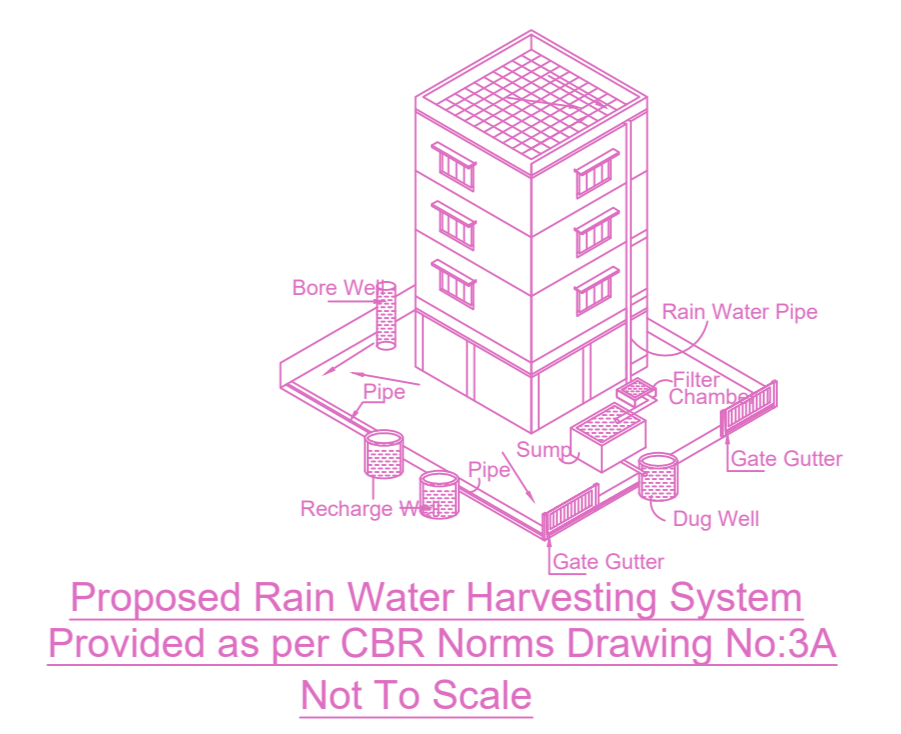
STILT FLOOR PLAN



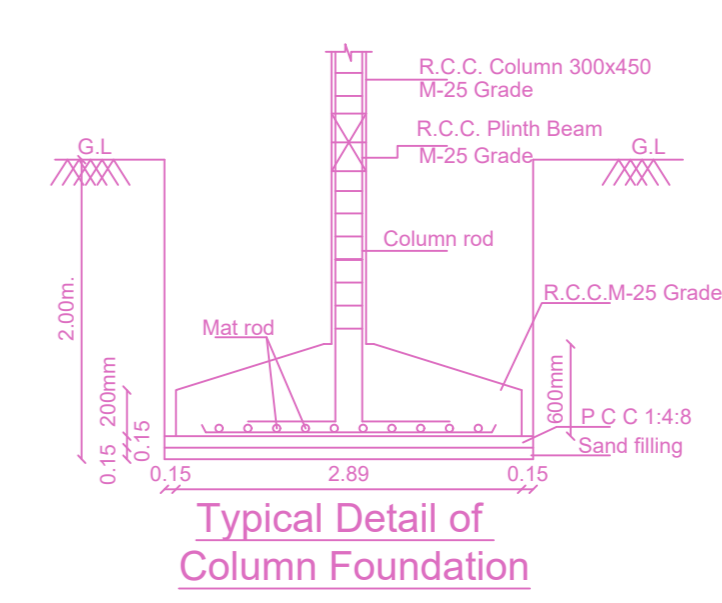
TYPICAL - 1- 3 FLOOR PLAN



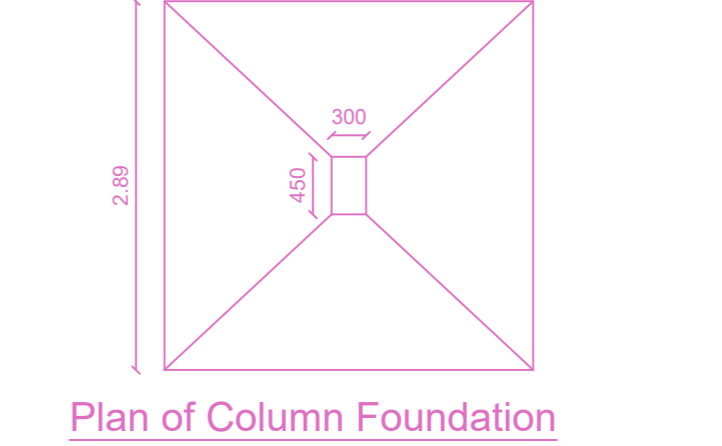
TERRACE FLOOR PLAN



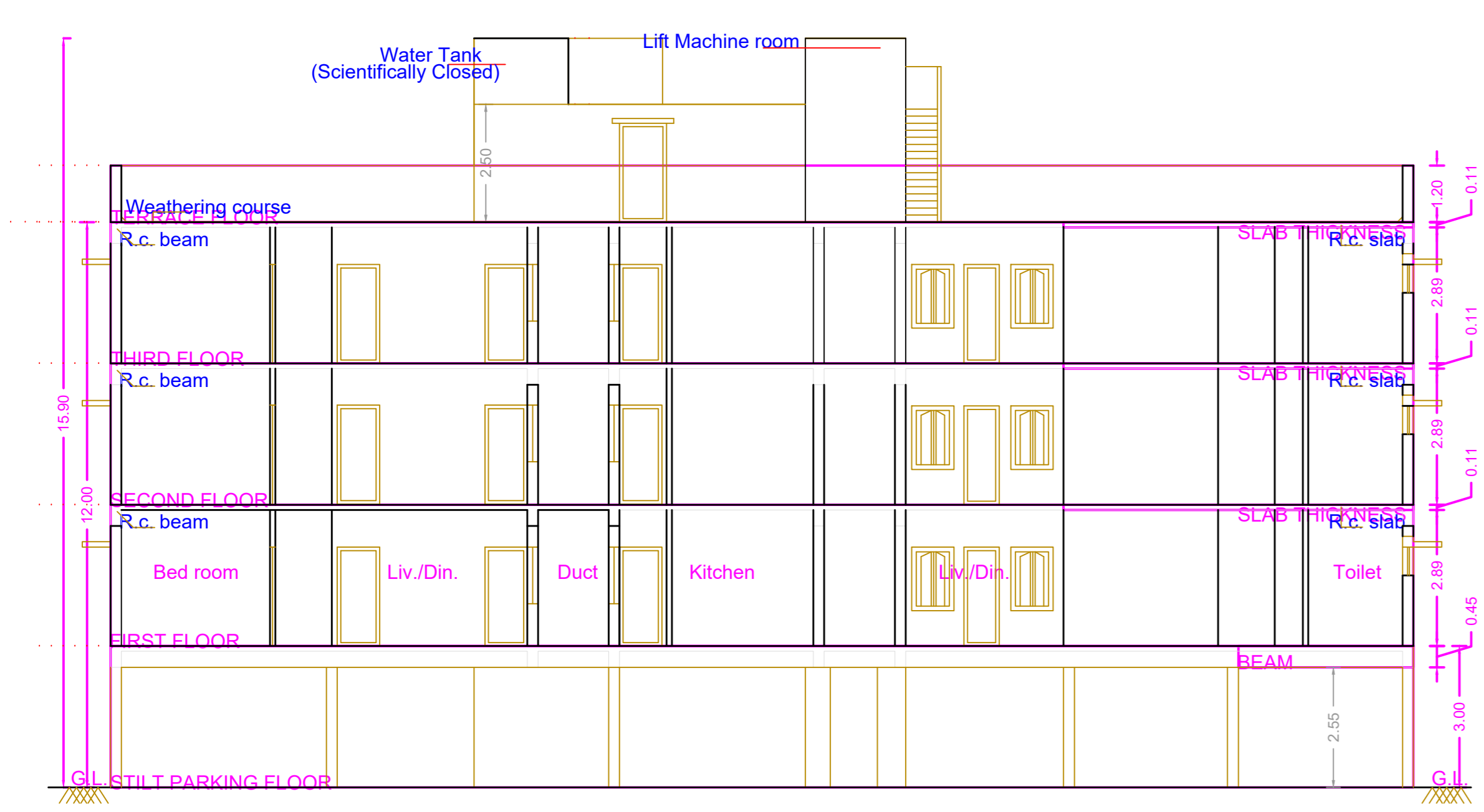
Proposed Rain Water Harvesting System Provided as per CBR Norms Drawing No:3A Not To Scale



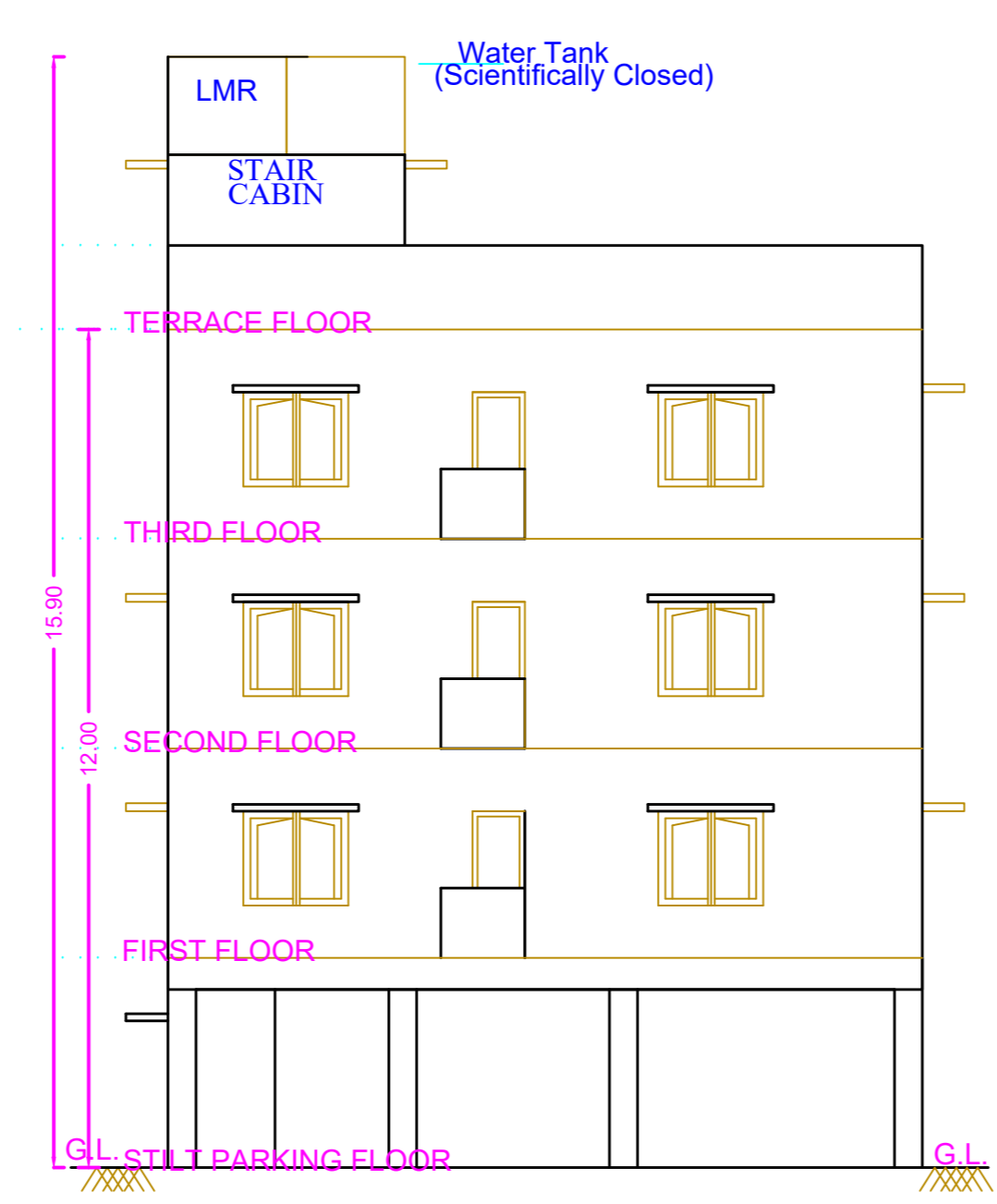
Typical Detail of Column Foundation



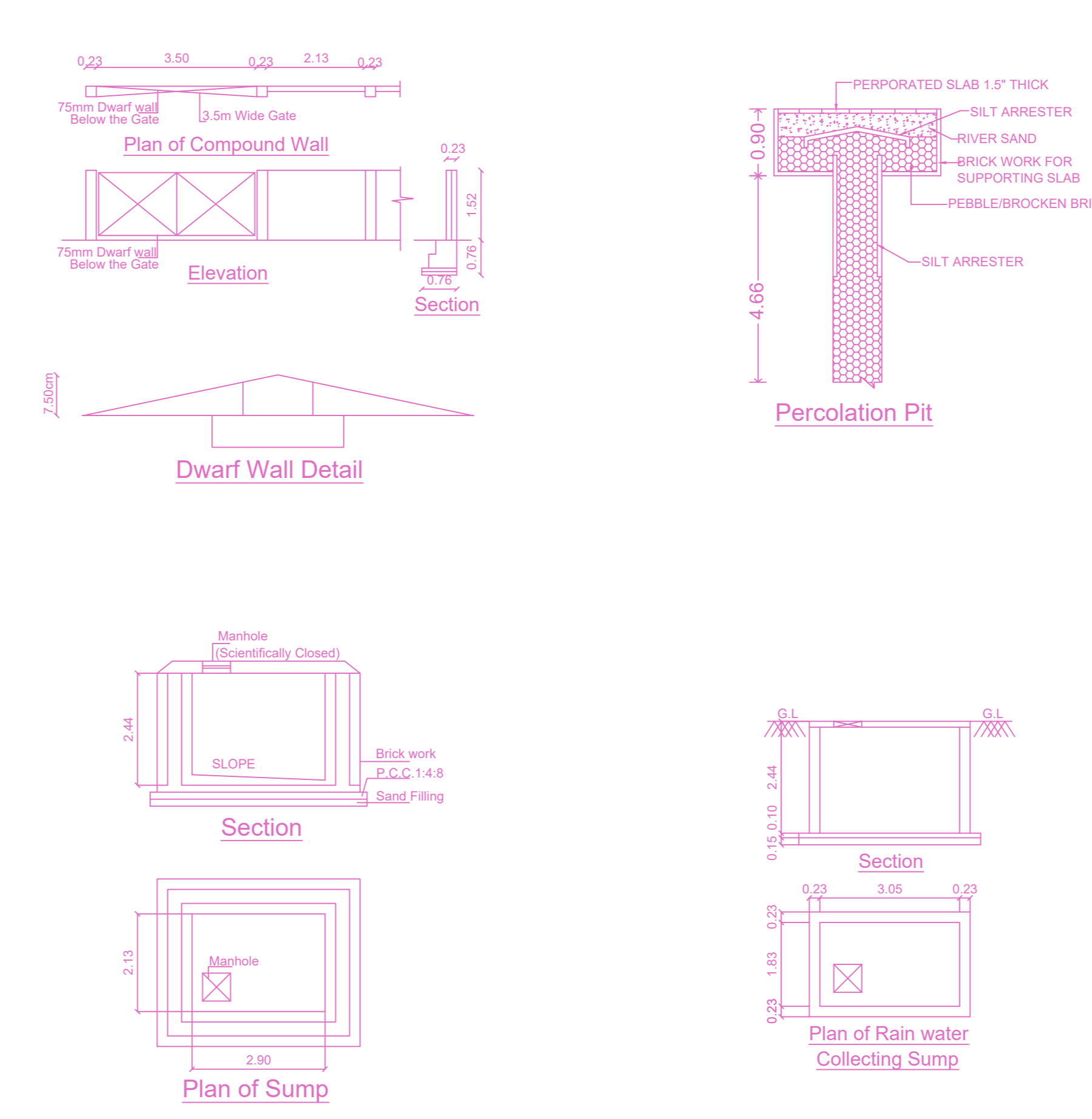
Plan of Column Foundation



Section - "A - A"



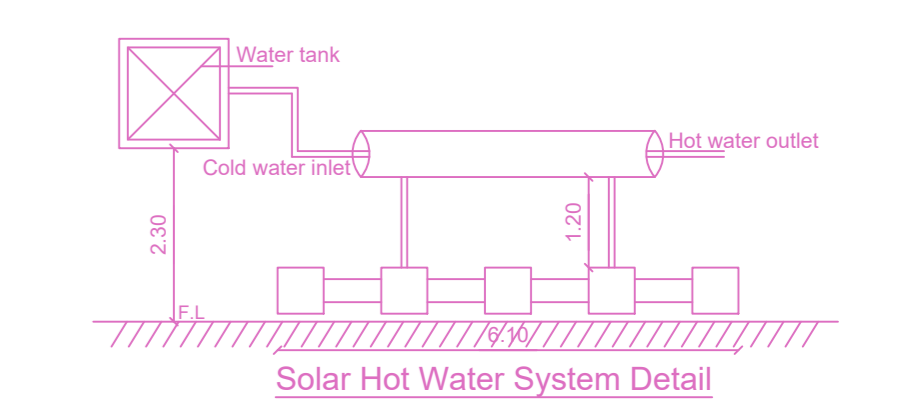
Elevation



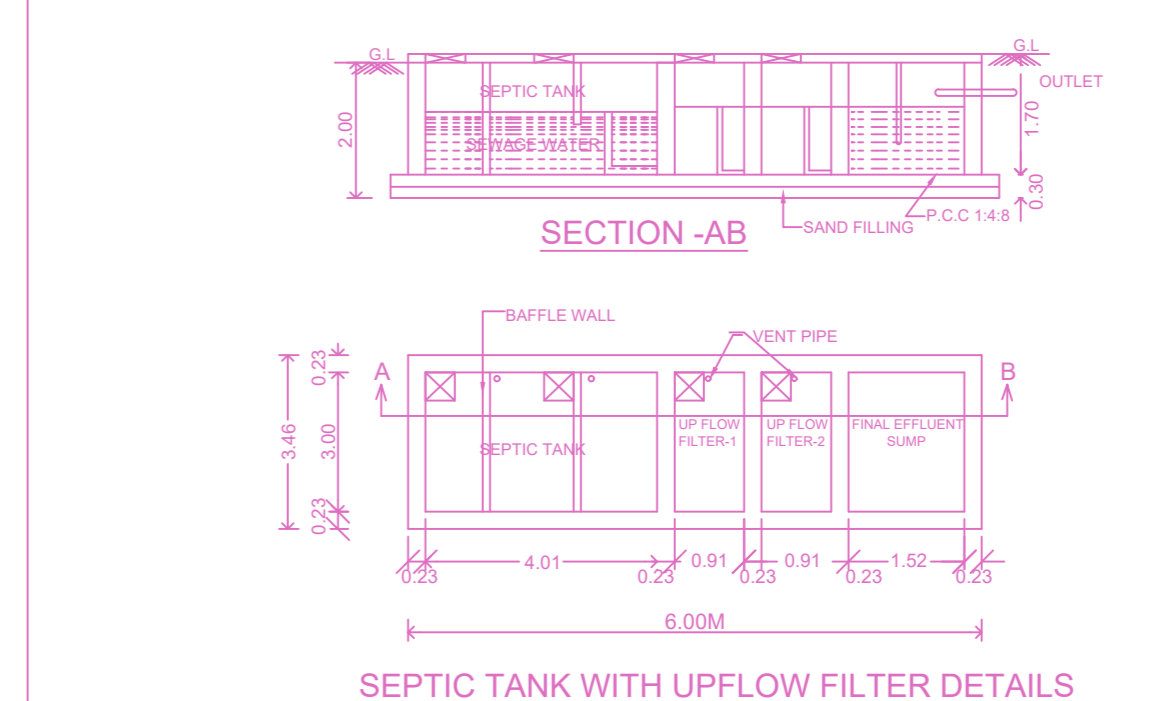
Plan of Compound Wall, Dwarf Wall Detail, Section, Plan of Rain water Collecting Sump

DESIGN OF SEPTIC TANK WITH UPFLOW FILTER FOR 15 DWELLINGS

NO. OF FLATS OR DWELLINGS > 3  
 ASSUMING 5 PERSONS FOR FLATS > 3X5=15  
 NO. OF PERSONS > 15  
 NO. OF USERS ASSUMING 2 FEATURES PER FLAT > 15X2=30 NITS  
 PER HOUR DISCHARGE > 30 X6= 180 LPM.  
 SEPTIC TANK  
 SURFACE AREA NEEDED > 180X0.92/10 =16.56 SAY 17M<sup>2</sup>  
 VOLUME OF SEDIMENTATION:  
 ASSUMING 0.30M DEPTH FOR DIGESTION 17X0.3M = 5.10M<sup>3</sup>  
 17X0.032 = 0.544M<sup>3</sup>  
 FOR SLUDGE STORAGE 0.0002X365X17 = 1.241M<sup>3</sup>  
 FREE BOARD FOR SLUDGE 2X0.3M = 0.60M<sup>3</sup>  
 DEPTH =  $\frac{VOLUME}{AREA} = \frac{7}{17} = 1.40M$   
 VOLUME = 9  
 SIZE OF SEPTIC TANK 6.00X3.00X2.00  
 UPFLOW FILTER  
 LIQUID DEPTH OF SEPTIC TANK = 1.70M  
 UPFLOW FILTER DEPTH ALLOWING 0.32M FREE BOARD 1.4 - 0.3 = 1.10M  
 AREA NEEDED =  $\frac{1.10}{1.10} = 1.0M$   
 SIZE OF UPFLOW FILTER 1.50X1.50  
 UPFLOW NO-1 = 0.91X1.50X1.36M  
 UPFLOW NO-2 = 0.91X1.50X1.36M



Solar Hot Water System Detail



SEPTIC TANK WITH UPFLOW FILTER DETAILS

BUILDING WISE FSI STATEMENT

BUILDING	NO OF SAME BUILDING	FSI AREA				DU	TOTAL FSI AREA
		COMM.	RESI.	IND.	SPEC.		
NHRB-1 (RES)		0.00	873.03	0.00	0.00	9	873.03
Total		0.00	873.03	0.00	0.00	9	873.03

FLOOR WISE FSI STATEMENT: NHRB (RES)

FLOORS	FSI AREA				DU	TOTAL FSI AREA
	COMM.	RESI.	IND.	SPEC.		
Terrace	0.00	0.00	0.00	0.00	0	0.00
THIRD FLOOR	0.00	291.01	0.00	0.00	3	291.01
SECOND FLOOR	0.00	291.01	0.00	0.00	3	291.01
FIRST FLOOR	0.00	291.01	0.00	0.00	3	291.01
STILT PARKING FLOOR	0.00	0.00	0.00	0.00	0	0.00
Total	0.00	873.03	0.00	0.00	9	873.03

Chennai-1	Chennai-2	Chennai-3	Chennai-4	Chennai-5	Chennai-6	Chennai-7	Chennai-8	Chennai-9	Chennai-10	Chennai-11	Chennai-12	Chennai-13	Chennai-14	Chennai-15	Chennai-16	Chennai-17	Chennai-18	Chennai-19	Chennai-20

Applicants ( Owner / Developer / Power of Attorney )

APPROVAL CONDITION

SCALE 1:100

CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY

APPROVED

SUBJECT TO THE CONDITIONS MENTIONED IN THIS OFFICE

For (Deputy Planner / Chief Planner / Member-Secretary)  
 High Rise Building / Non High Rise Building  
 This Approval is valid only after building Permit is issued by the concerned Local Body.

KEY NO. 2688

