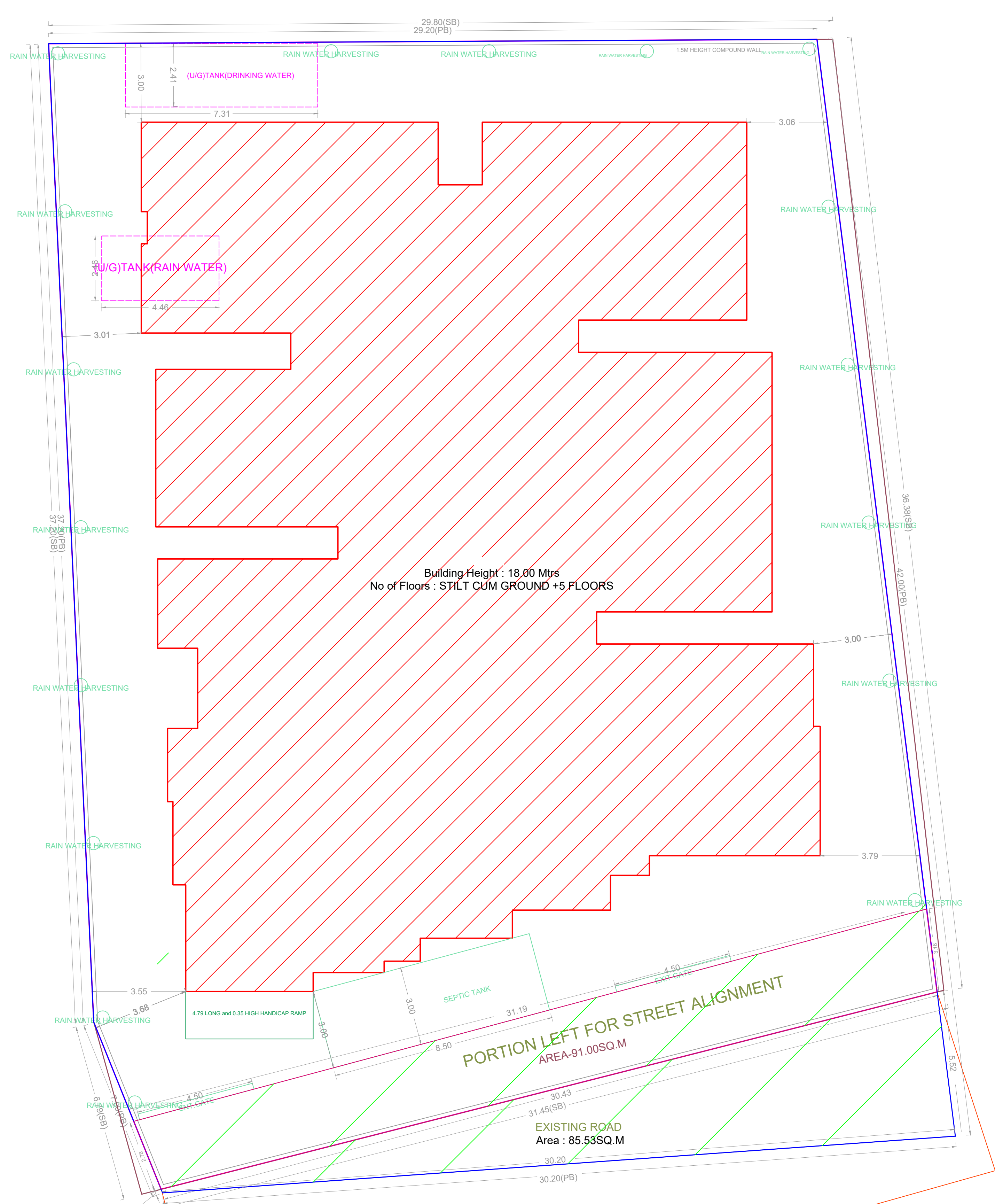


SITE PLAN		SHEET NO. 1/2	
PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT FLOOR (PART) / GROUND FLOOR (PART) + 4 FLOORS + 5TH FLOOR (PART) (HEIGHT-18.0M) RESIDENTIAL CUM COMMERCIAL BUILDING (GROUND FLOOR-OFFICE) WITH 34 DWELLING UNITS AVAILING PREMIUM FSI AT NOOKAMPALAYAM MAIN ROAD, PERUMBAKKAM, CHENNAI COMPRISED IN OLD S NOS: 352/1, NEW S NOS: 352/1A1, 352/1A2 & 352/1B OF PERUMBAKKAM VILLAGE WITHIN THE LIMITS OF ST. THOMAS MOUNT PANCHAYAT UNION			
A) AREA STATEMENT		SQ.M.	
AREA AS PER PATTA	1400.00		
AREA AS PER DOCUMENT	1375.91		
EXISTING ROAD	85.53		
AREA CONSIDERED FOR FSI	1290.38		
STREET ALIGNMENT	91.00		
OSR AREA	0.00		
TOTAL FSI AREA	3355.02		
FSI FACTOR	2.600		
COVERAGE AREA (PERCENTAGE %)	N/A		
A) PARKING STATEMENT			
VEHICLE	REQUIRED	PROVIDED	
LORRY	0	0	
CAR	23	24	
TWO WHEELER	34	34	
CYCLE	0	0	



SITE PLAN

DESIGN OF SEPTIC TANK WITH UPFLOW FILTER FOR 15 DWELLINGS

NO. OF FLATS OR DWELLINGS > 34
ASSUMING 5 PERSONS FOR FLATS = 34X5=170
NO. OF PERSONS = 170
NO. OF USERS ASSUMING 2 FIXTURES PER FLAT = 170X2=340NITS.
PER HOUR DISCHARGE > 340X6=2040 LPM.

SEPTIC TANK
SURFACE AREA NEEDED > 2040X3.52/10 =187.68 SAY 190M²

VOLUME OF SEDIMENTATION:
ASSUMING 0.30M DEPTH FOR DIGESTION = 57M³
FOR SLUDGE STORAGE = 0.002X365X75 = 5.47M³
FREE BOARD FOR SLUDGE = 5X3.3M = 1.50M³

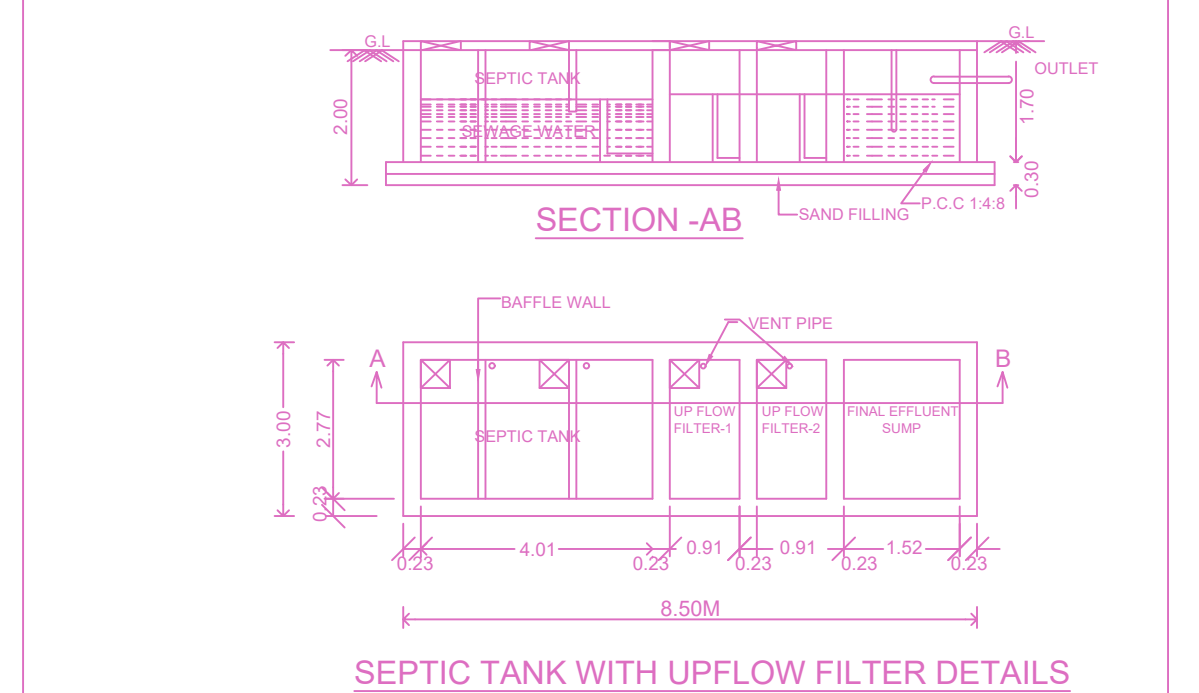
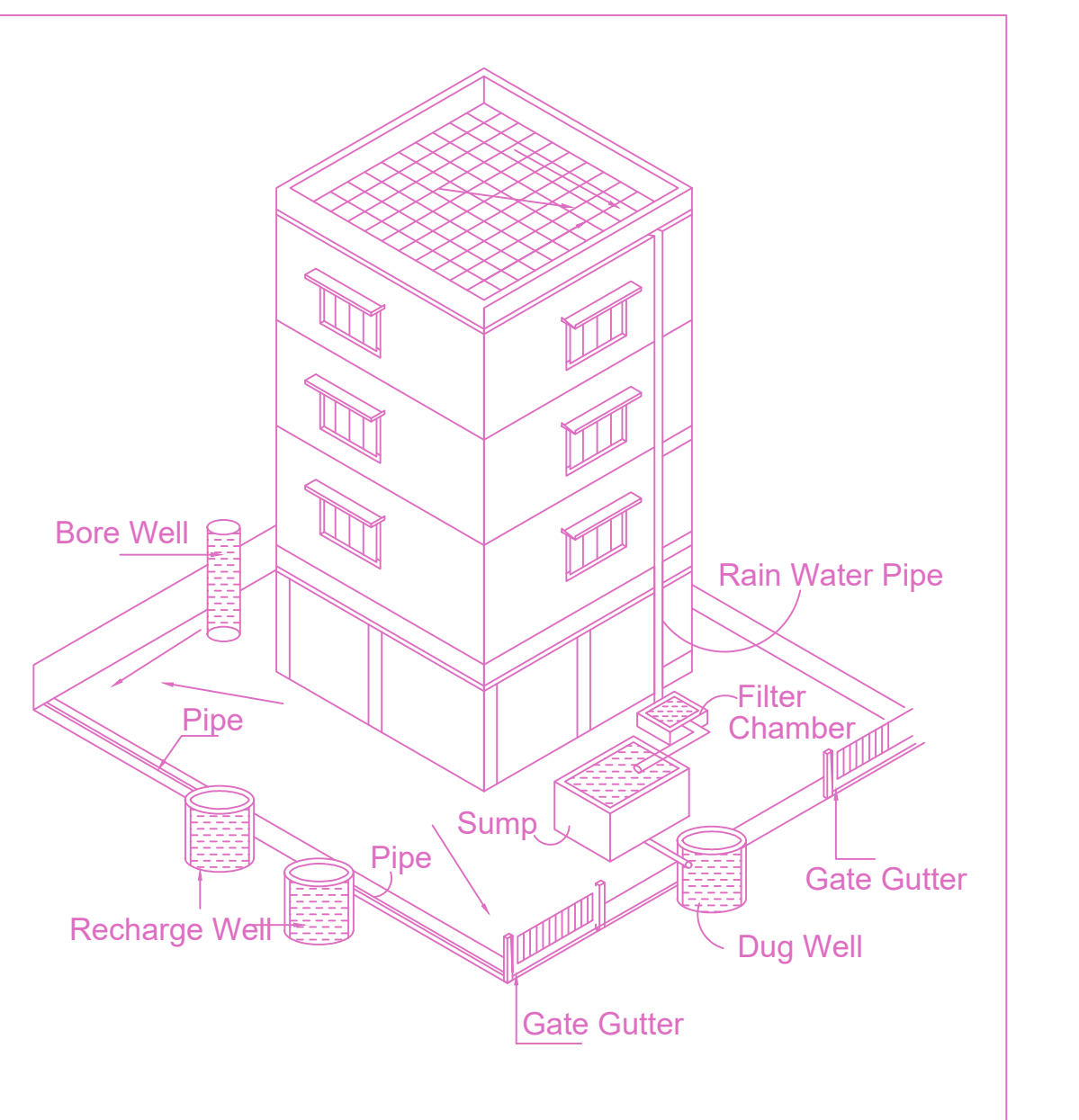
DEPTH = $\frac{VOLUME}{VOLUME} = 1.40M$

SIZE OF SEPTIC TANK 8.50X3.00X2.00

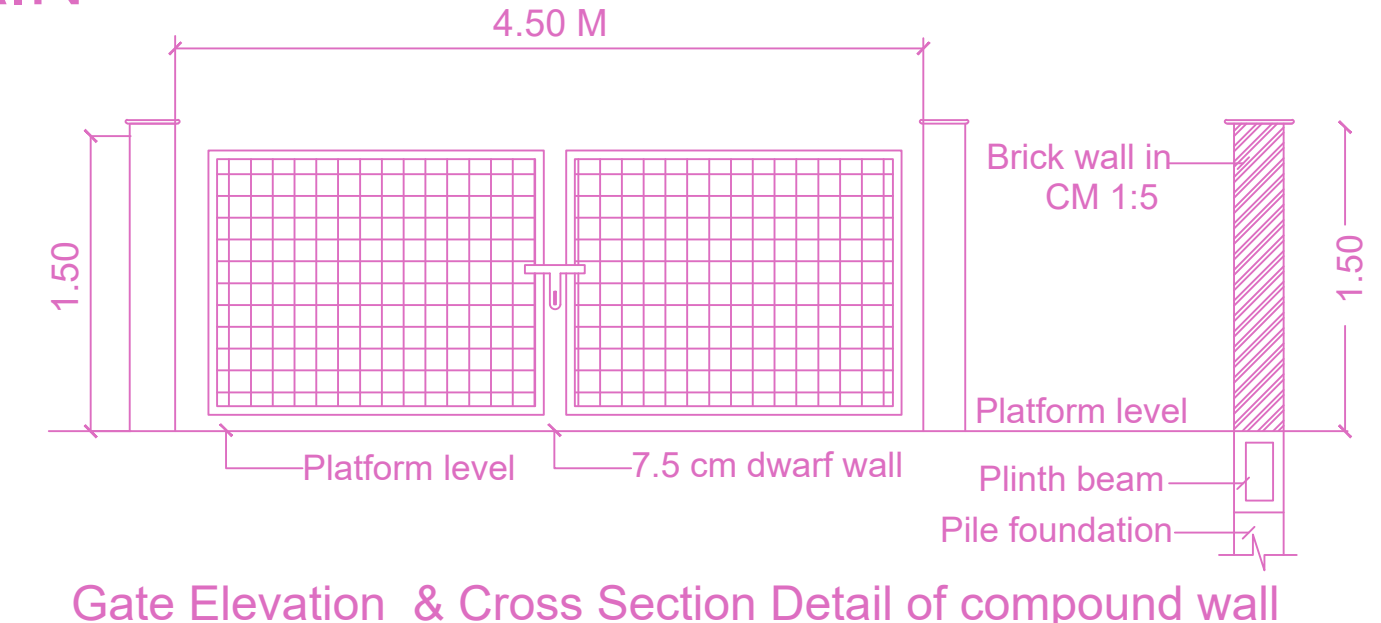
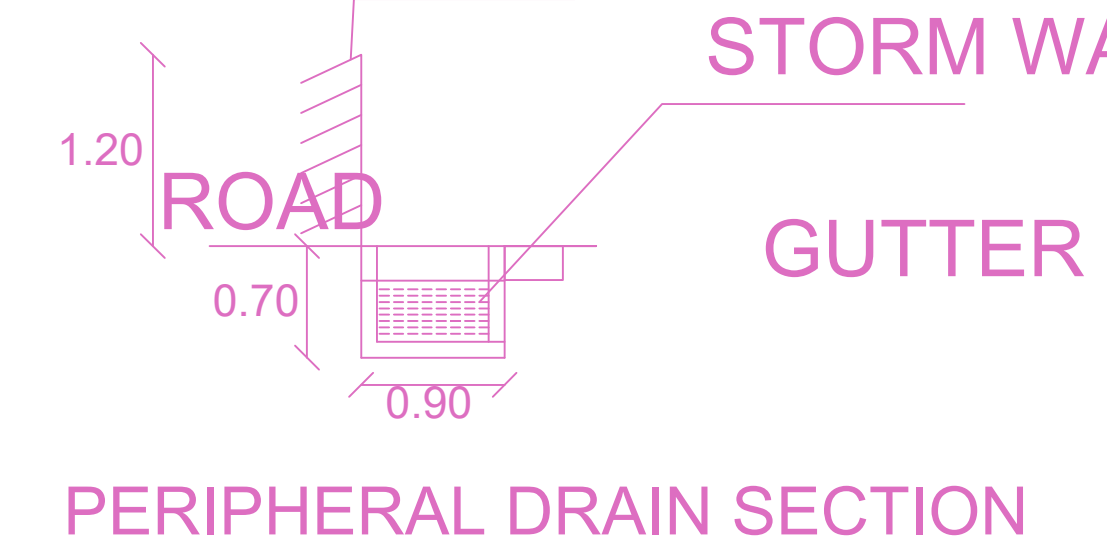
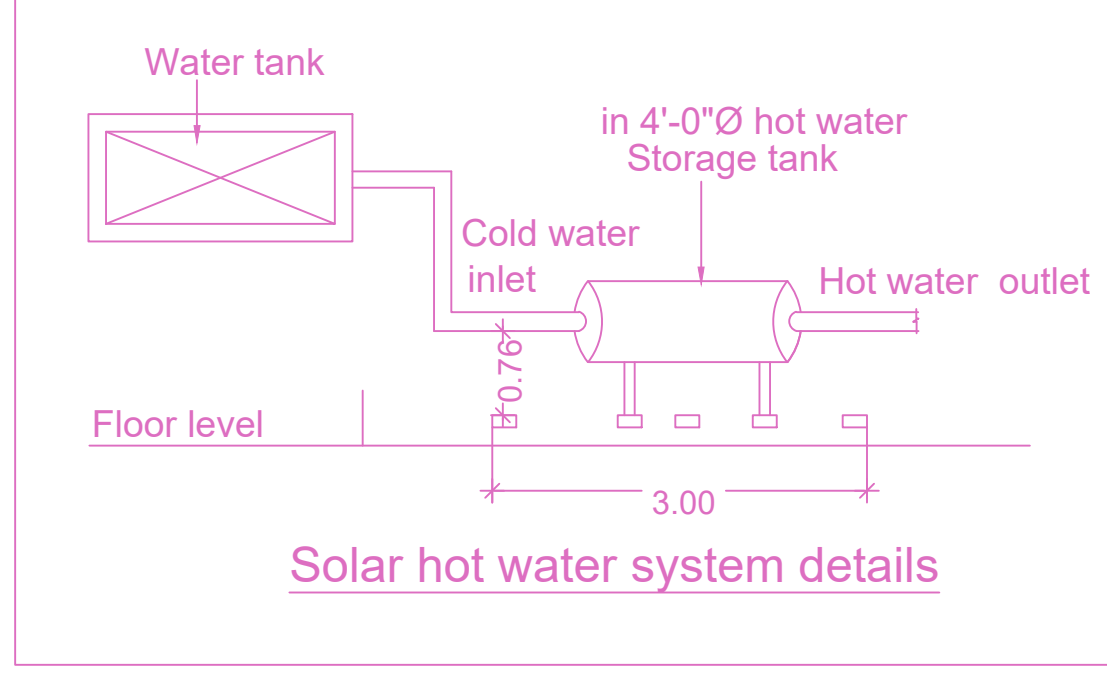
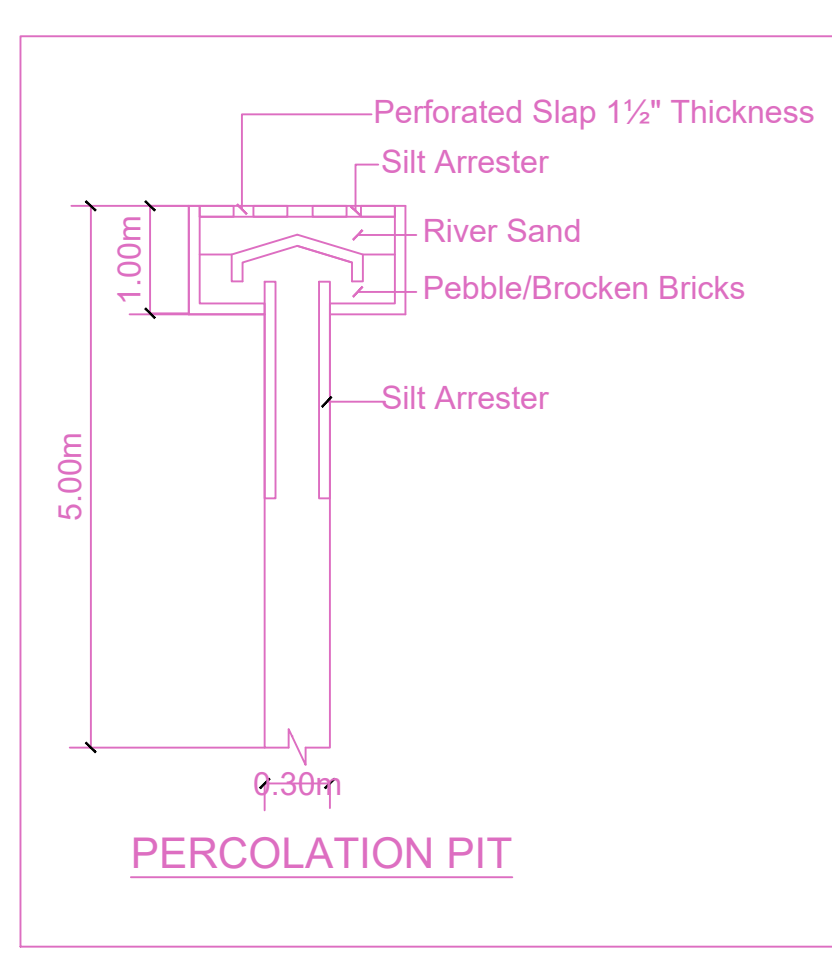
UPFLOW FILTER
LIQUID DEPTH OF SEPTIC TANK = 1.30M

UPFLOW FILTER DEPTH ALLOWING 0.32M FREE BOARD 1.4 - 0.3 = 1.10M
AREA NEEDED = 1.10 = 1.10M²

SIZE OF UPFLOW FILTER 1.50X1.50
UPFLOW NO.-1 = 0.91X1.50X1.36M
UPFLOW NO.-2 = 0.91X1.50X1.36M



STILT FLOOR PART / GROUND FLOOR PART



FLOOR WISE FSI STATEMENT: A (PLAN)

FLOORS	FSI AREA				DU	TOTAL FSI AREA
	COMM.	RESI.	IND.	SPEC.		
Terrace	0.00	0.00	0.00	0.00	0	0.00
FIFTH FLOOR	0.00	595.94	0.00	0.00	6	595.94
FOURTH FLOOR	0.00	670.09	0.00	0.00	7	670.09
THIRD FLOOR	0.00	670.09	0.00	0.00	7	670.09
SECOND FLOOR	0.00	670.09	0.00	0.00	7	670.09
FIRST FLOOR	0.00	670.09	0.00	0.00	7	670.09
STILT/ GROUND FLOOR	49.91	28.81	0.00	0.00	0	78.72
Total	49.91	3305.11	0.00	0.00	34	3355.02

BUILDING WISE FSI STATEMENT

BUILDING	NO OF SAME BUILDING	FSI AREA				DU	TOTAL FSI AREA
		COMM.	RESI.	IND.	SPEC.		
A-1 (PLAN)	1	49.91	3305.11	0.00	0.00	34	3355.02
Total	1	49.91	3305.11	0.00	0.00	34	3355.02

APPROVAL CONDITION

SCALE: 1:100

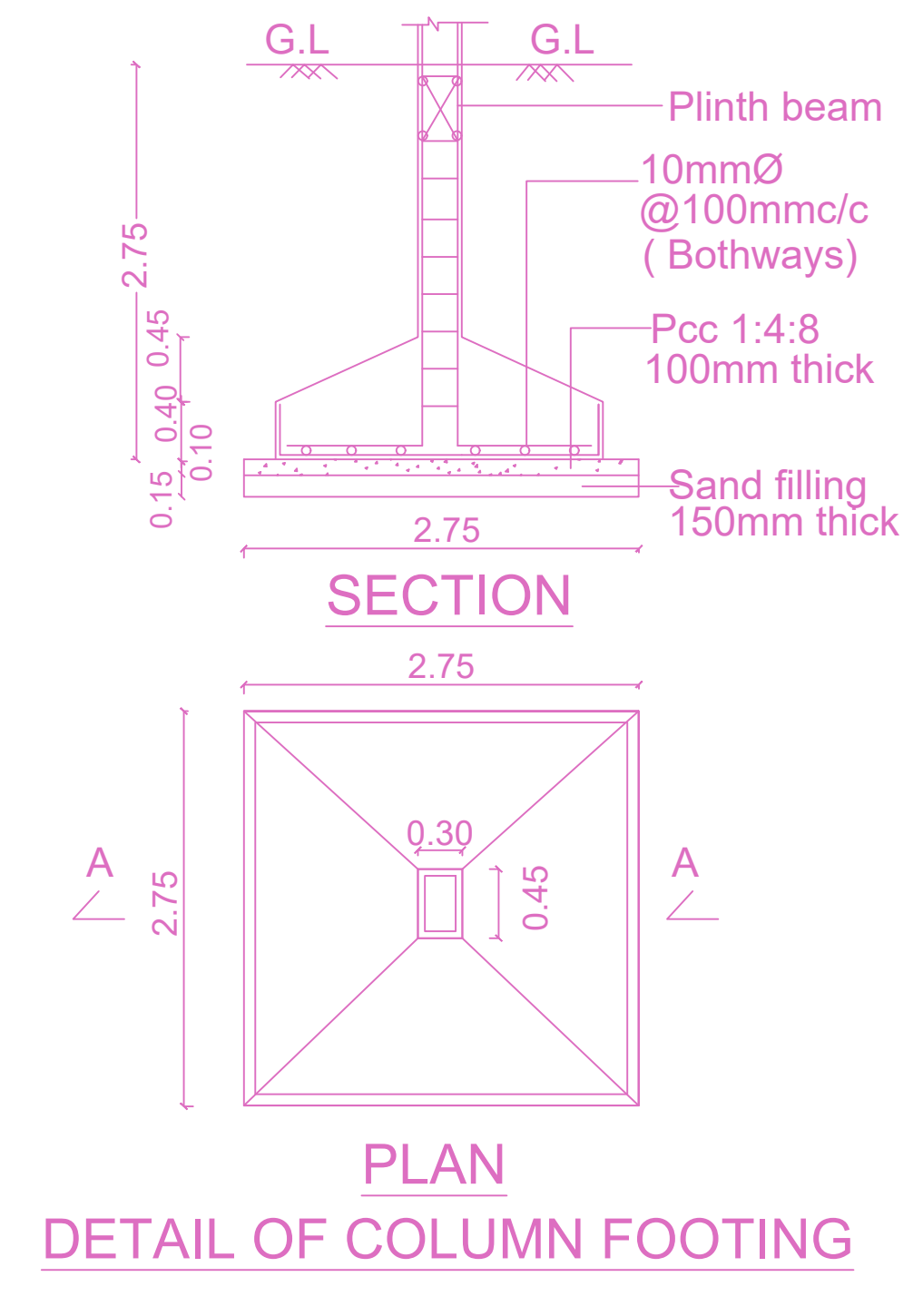
CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY

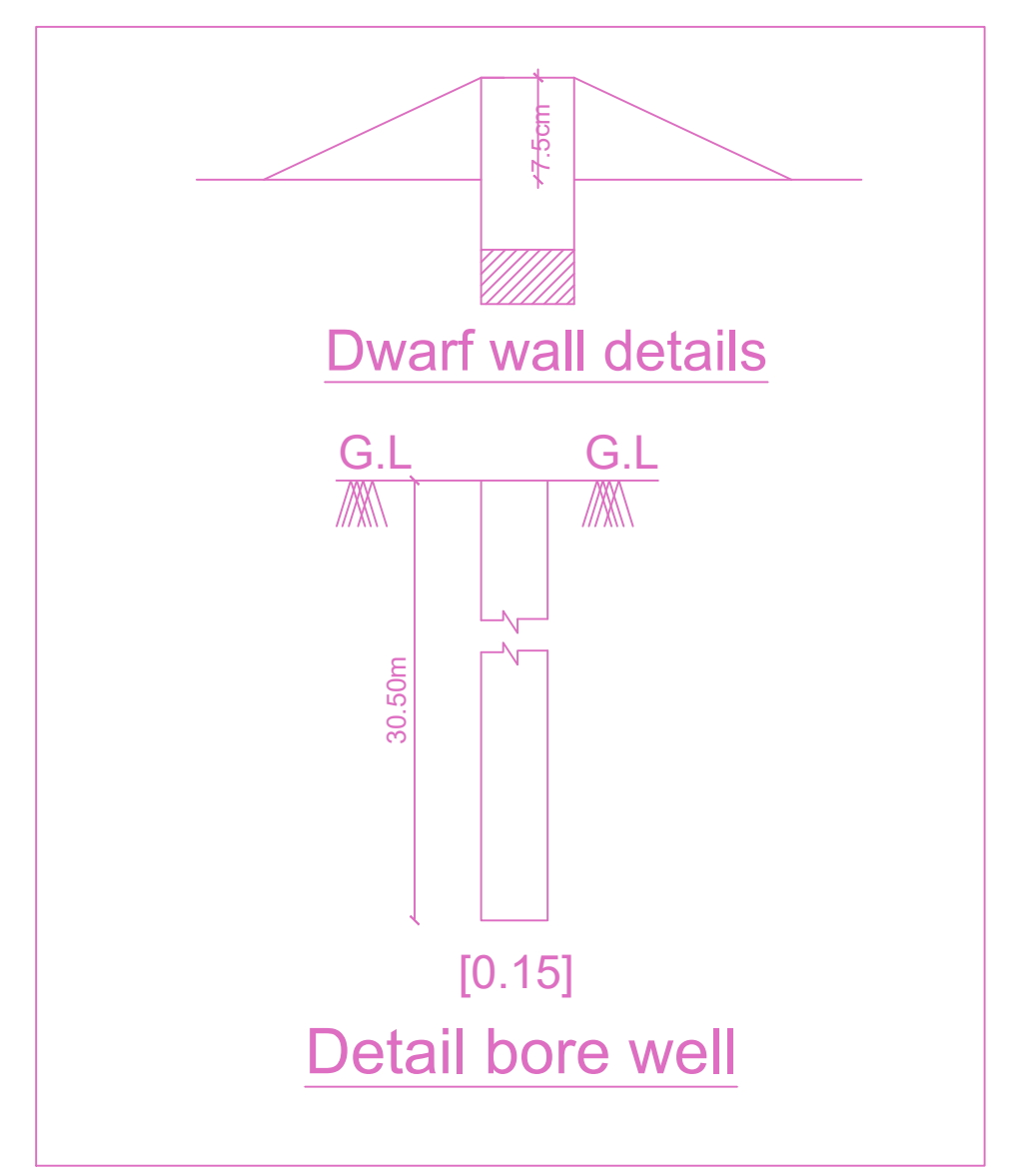
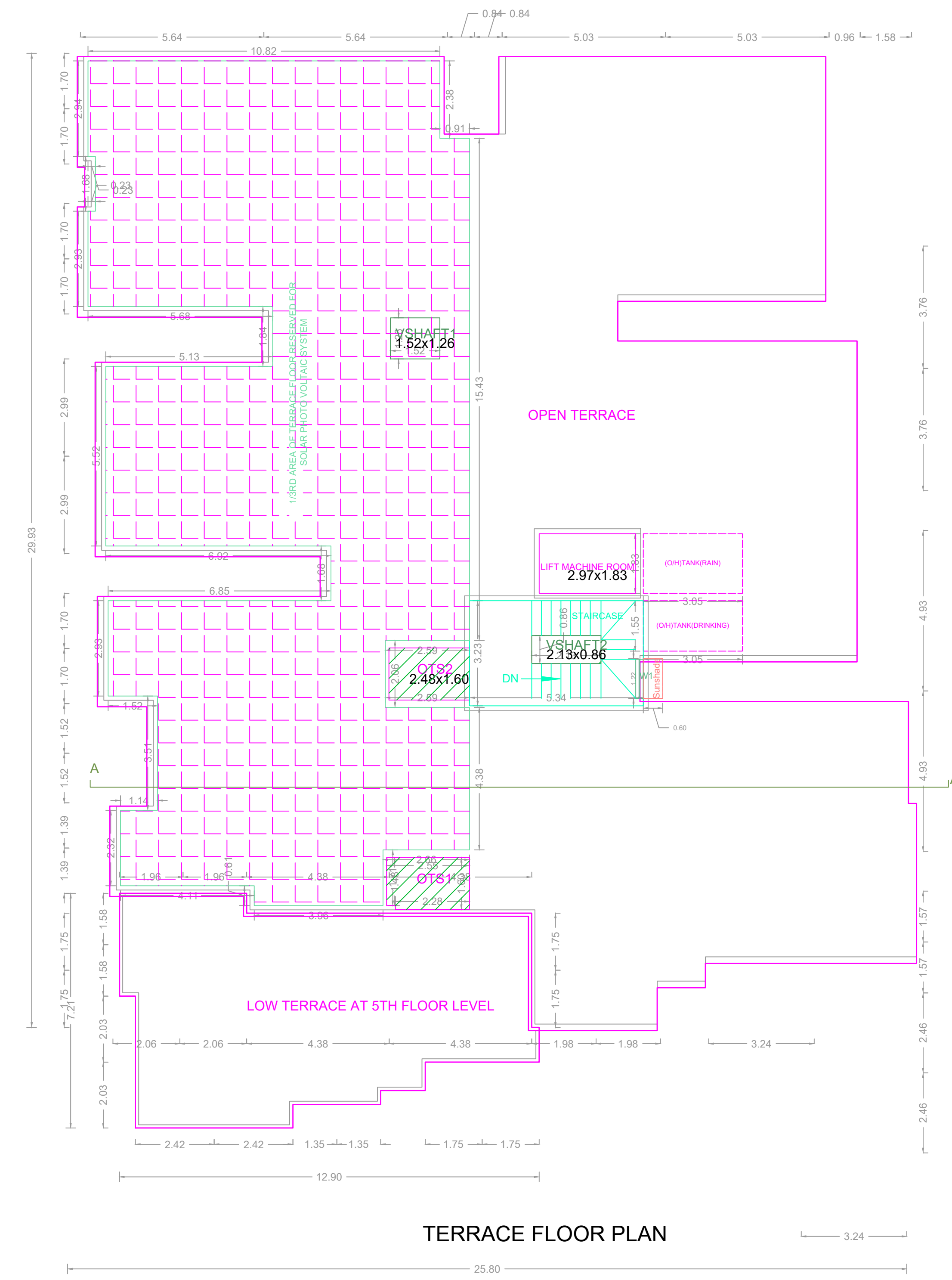
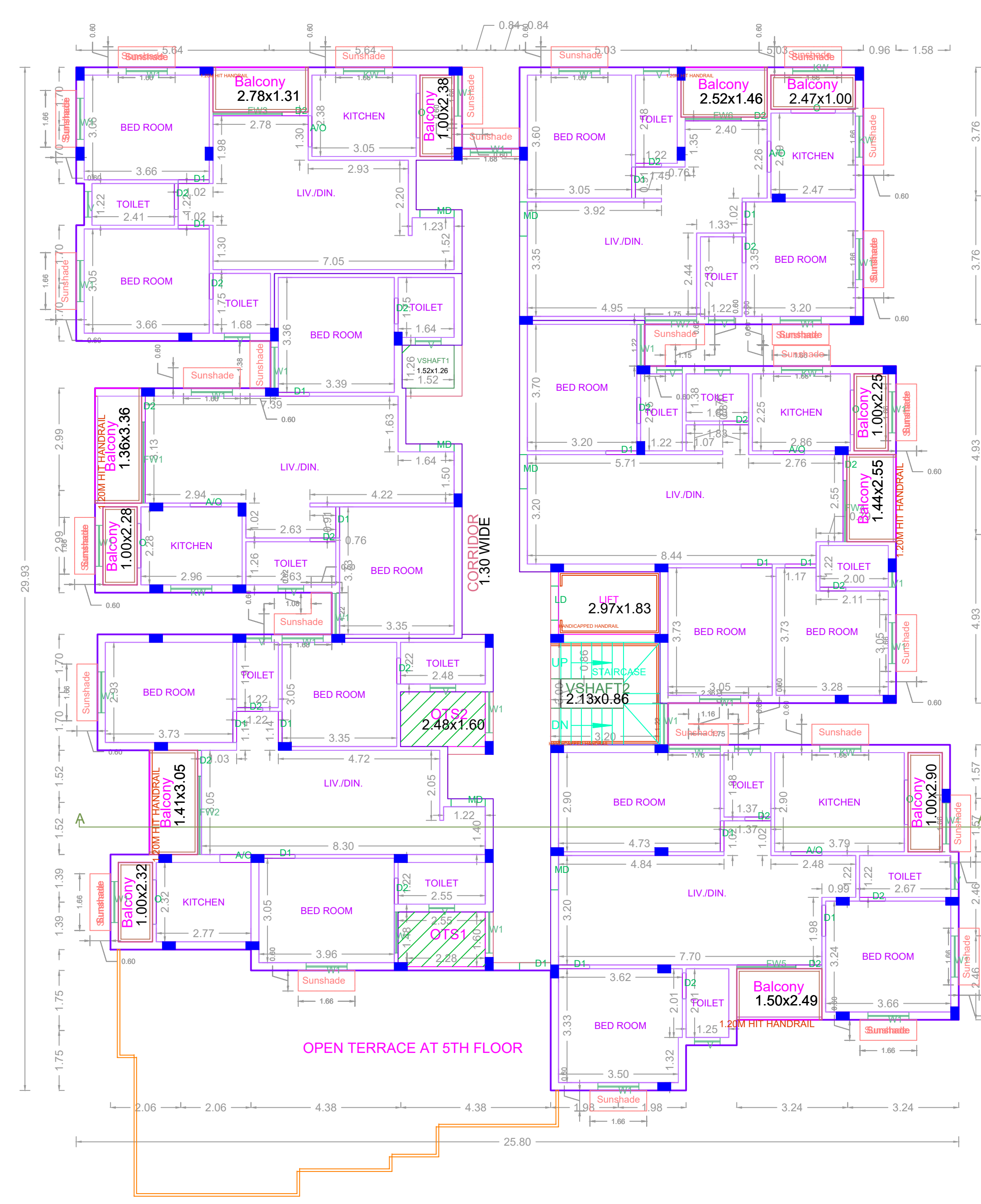
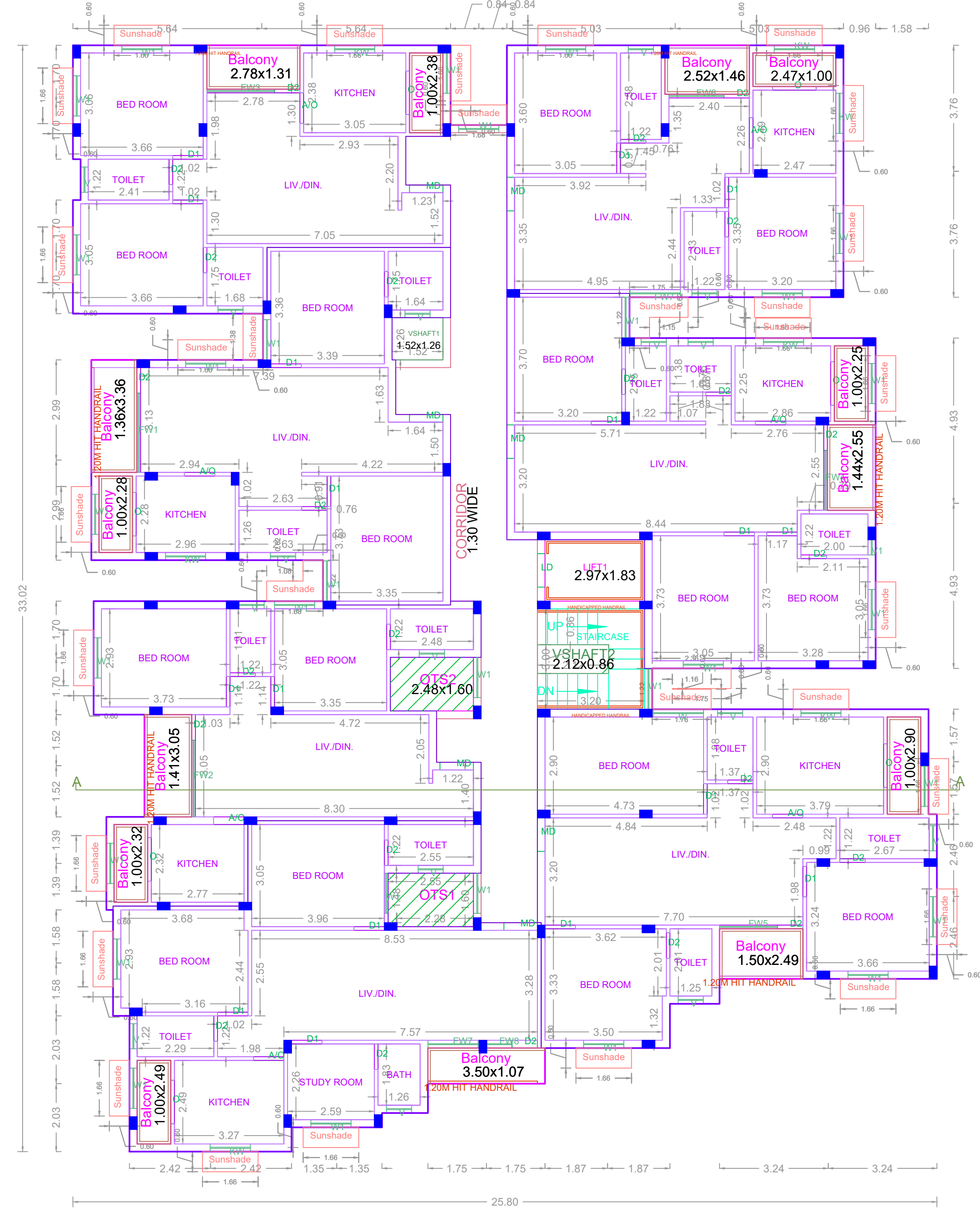
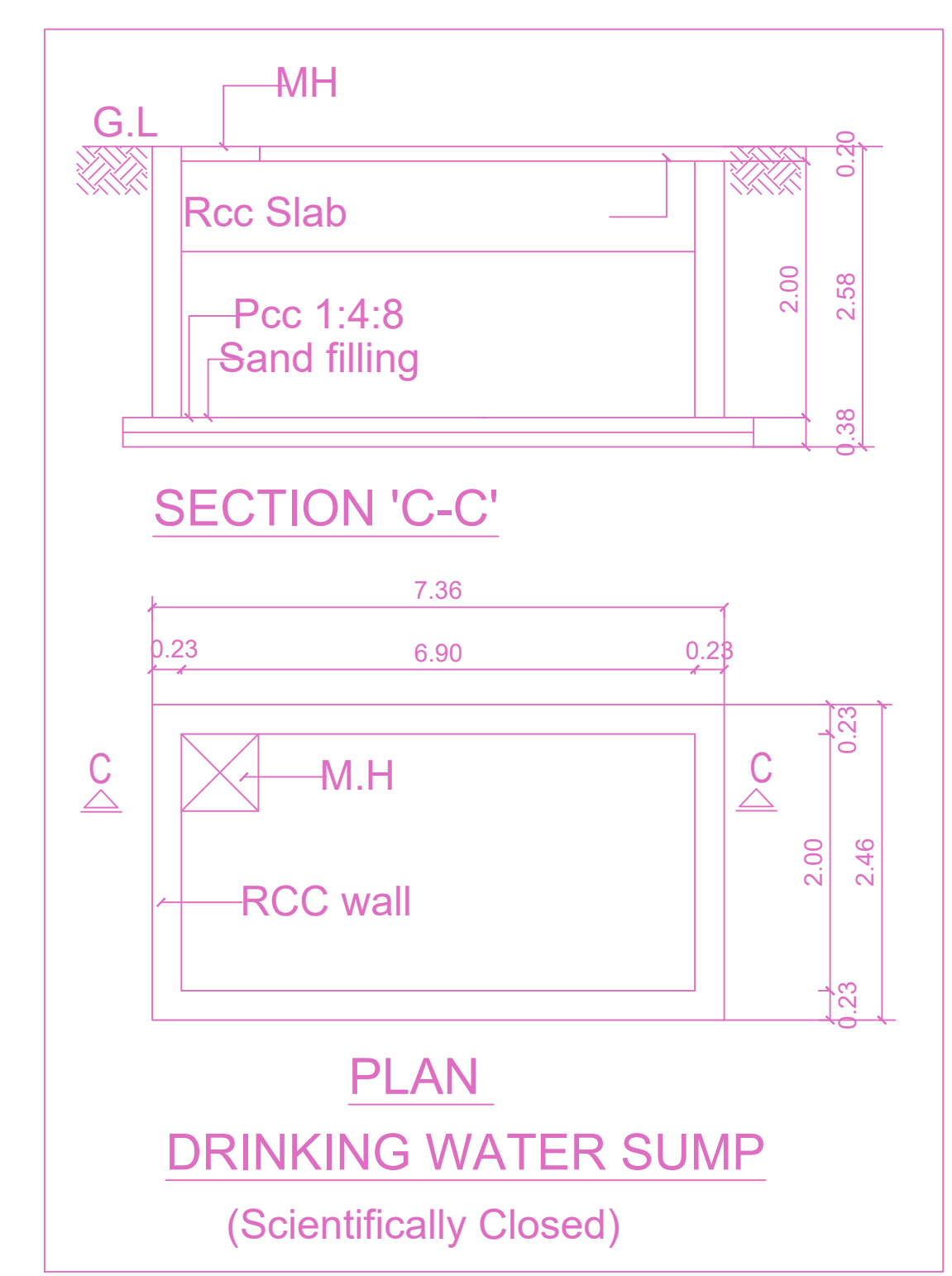
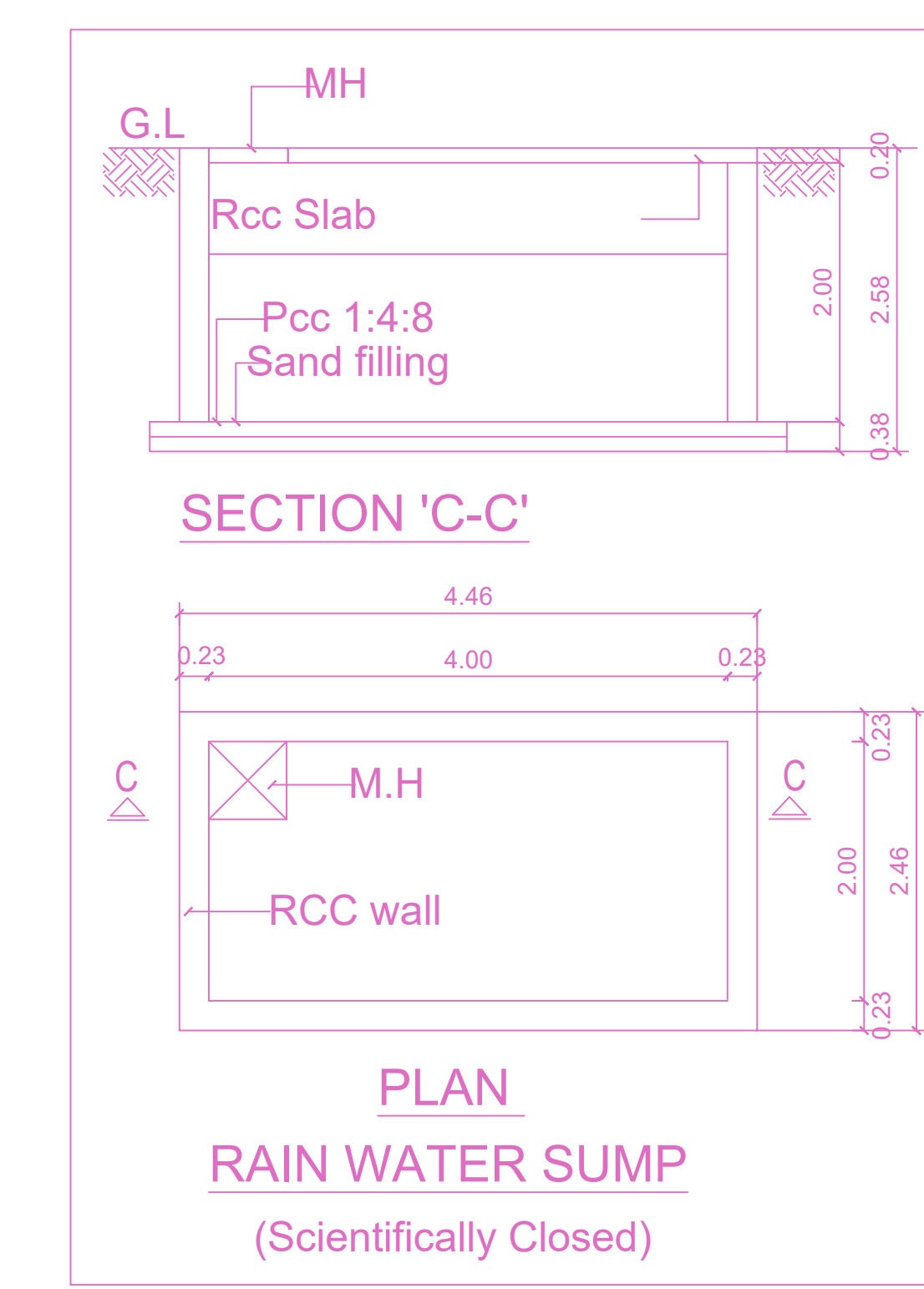
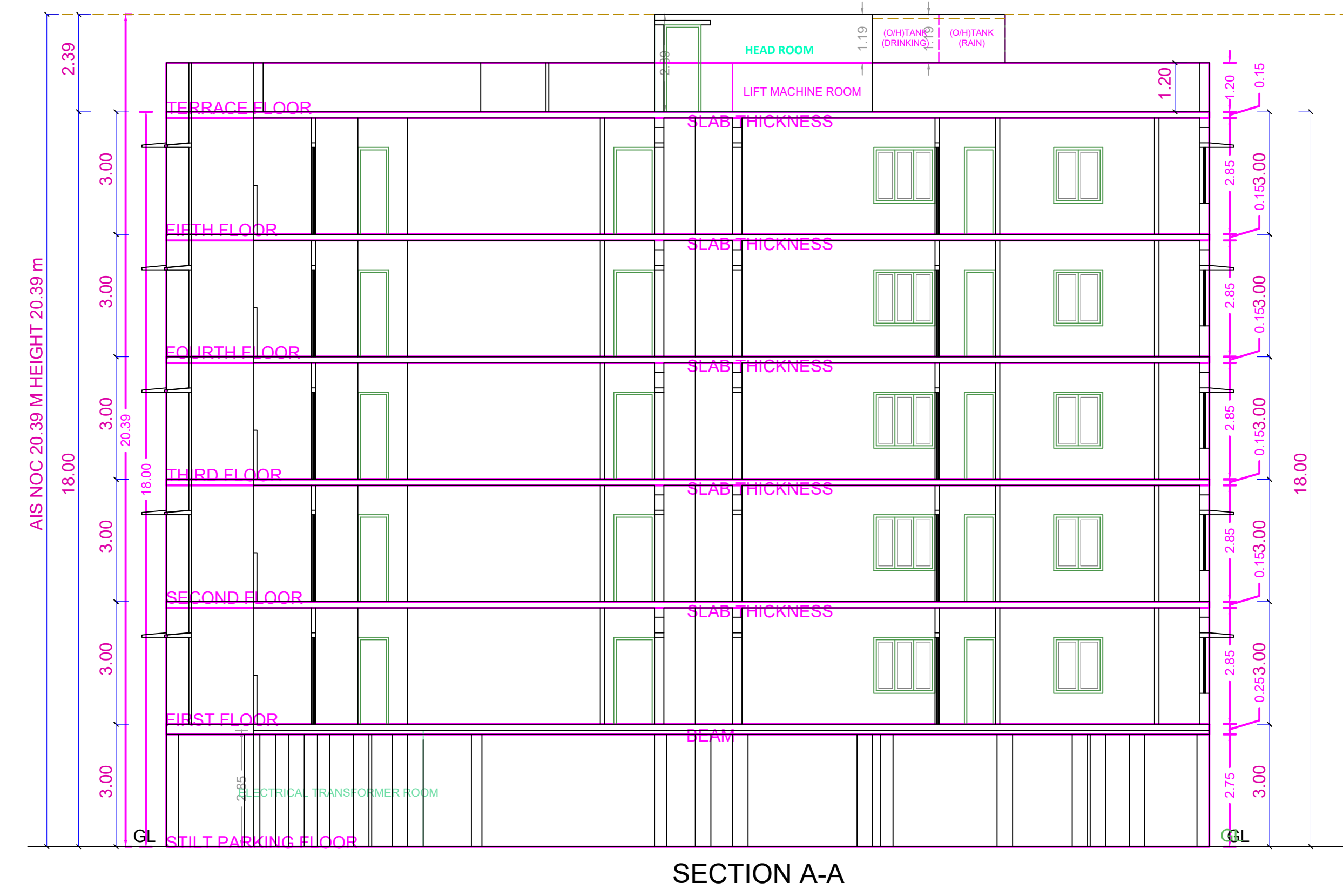
APPROVED

SUBJECT TO THE CONDITIONS MENTIONED IN THIS OFFICE

For Chief 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. 4688





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. 4688

QR CODE