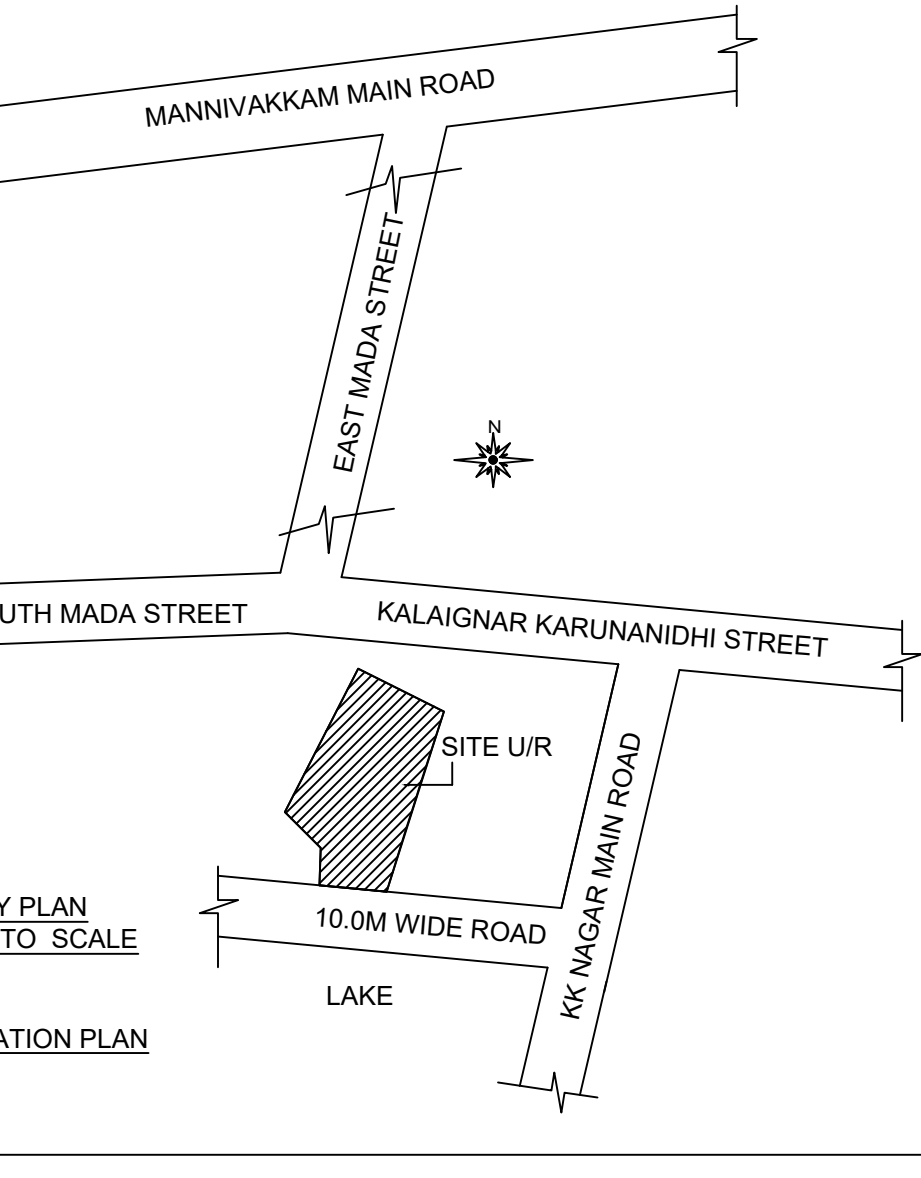
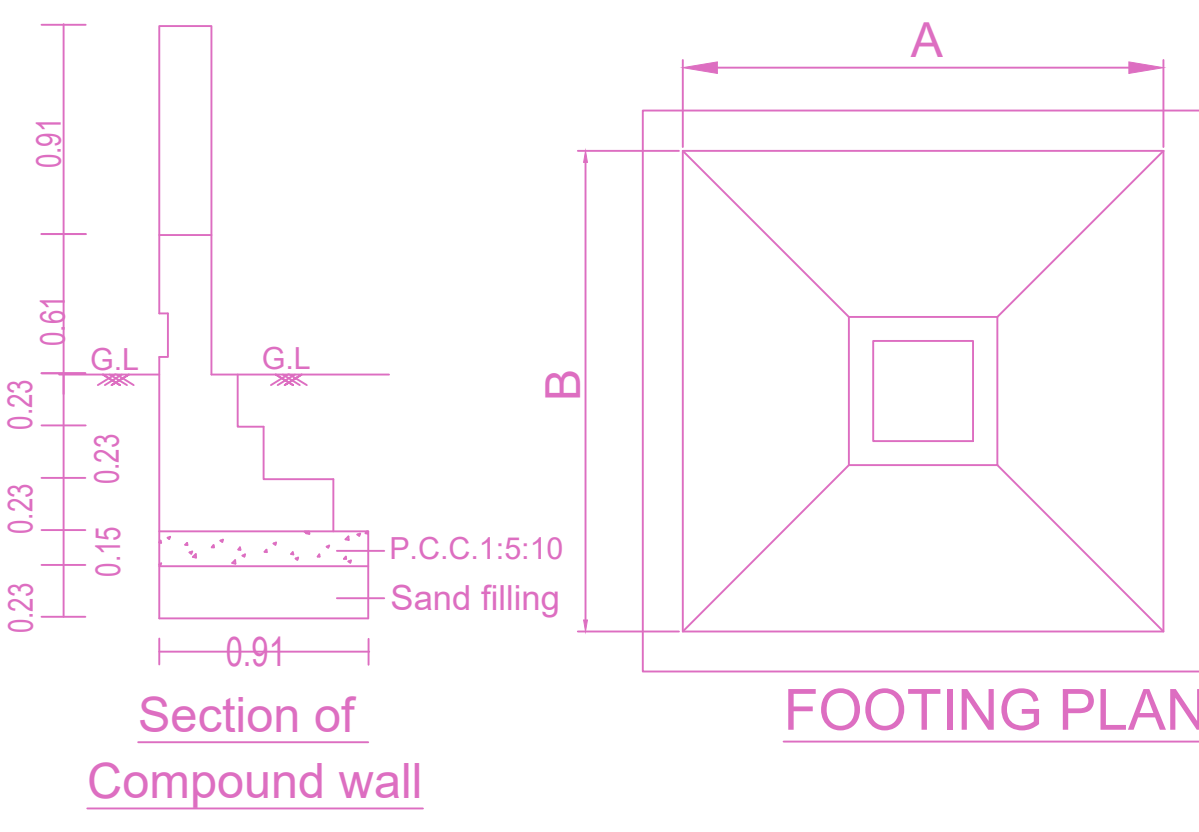
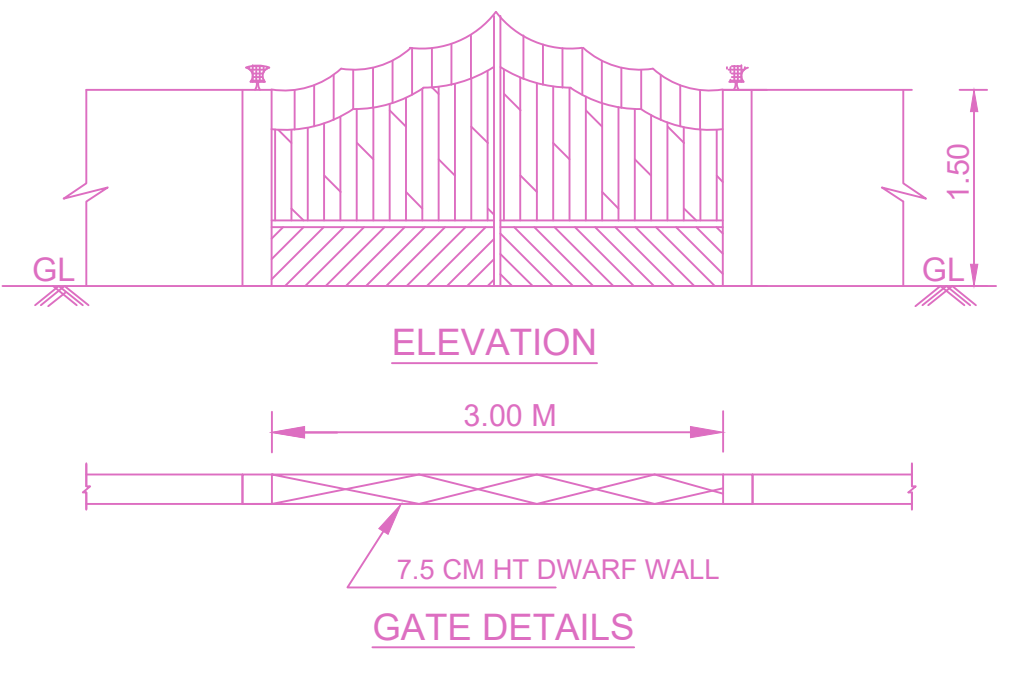
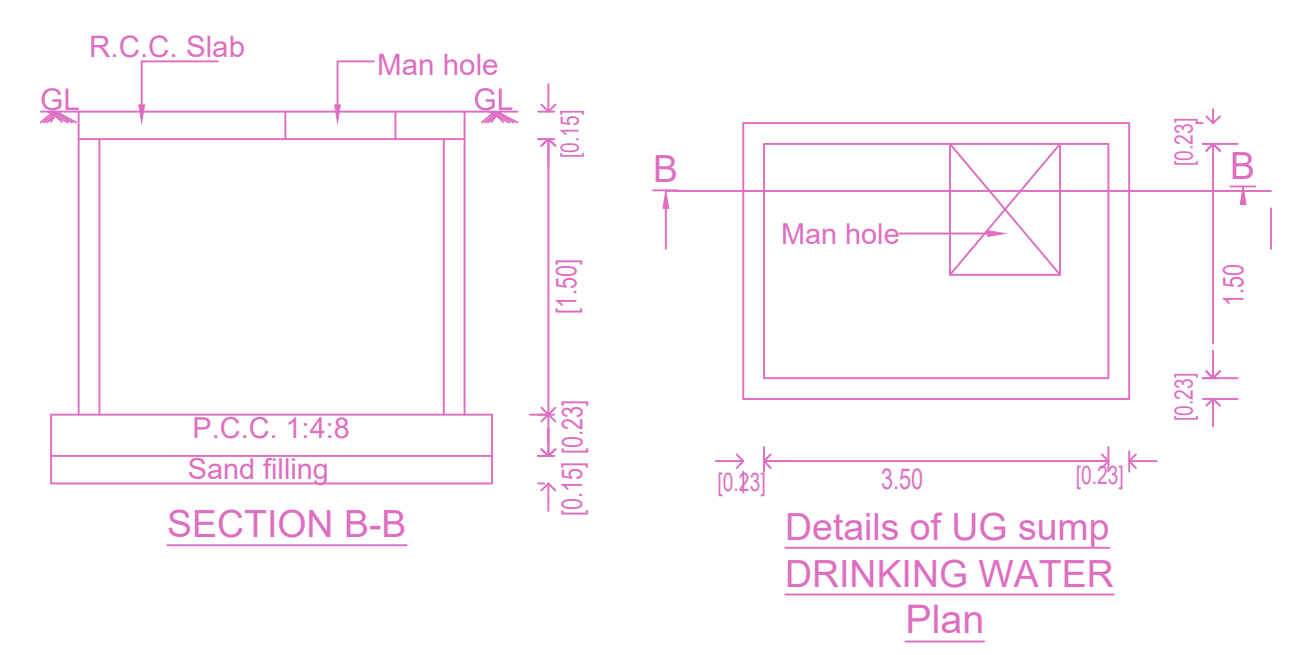


FOOTING DETAILS

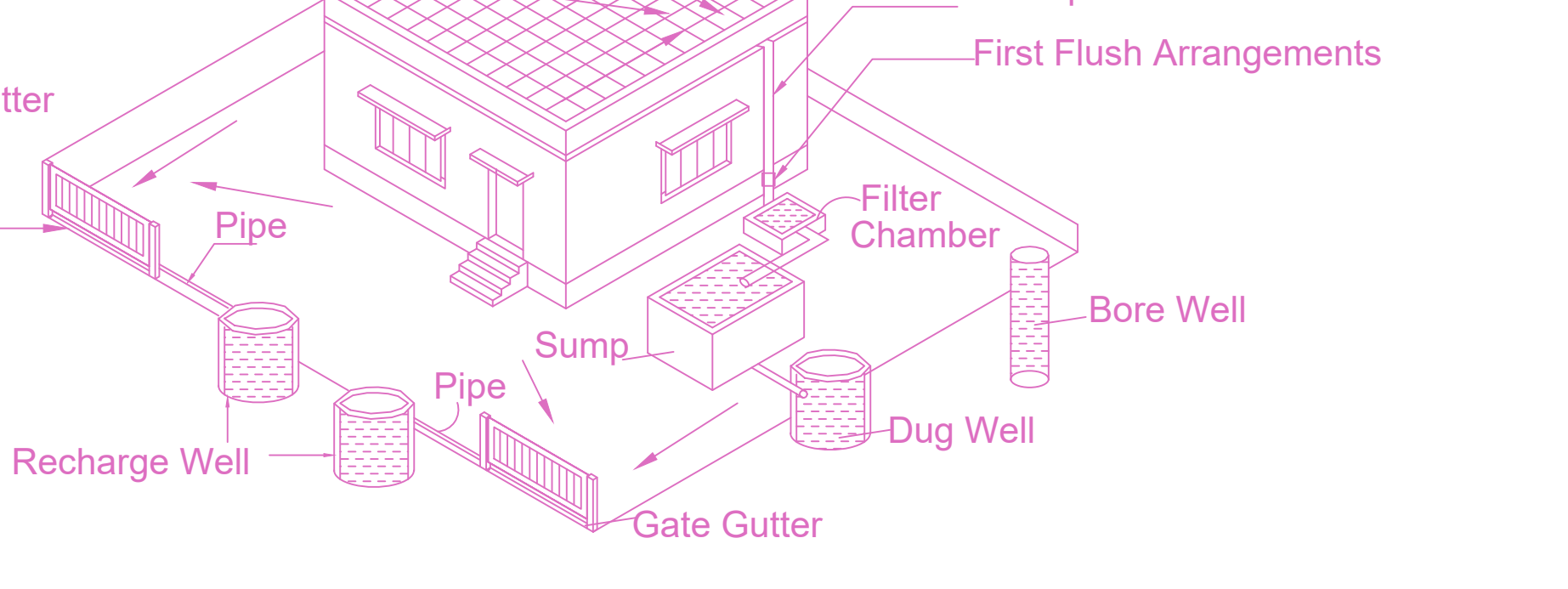
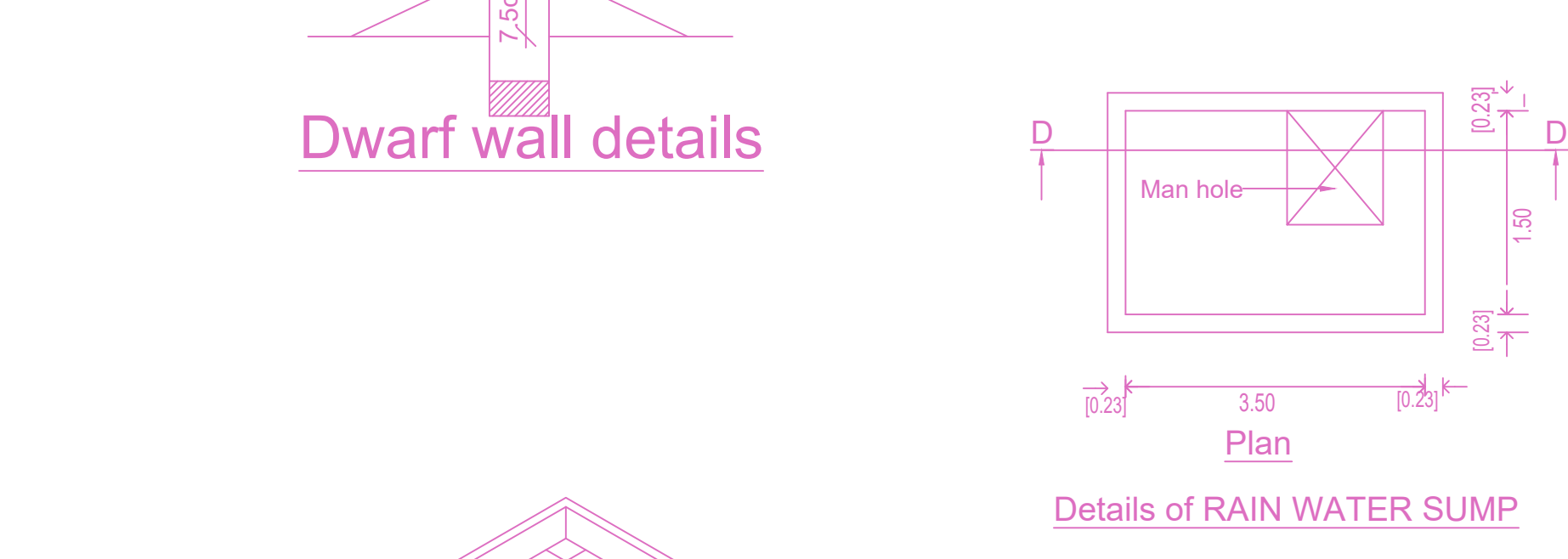
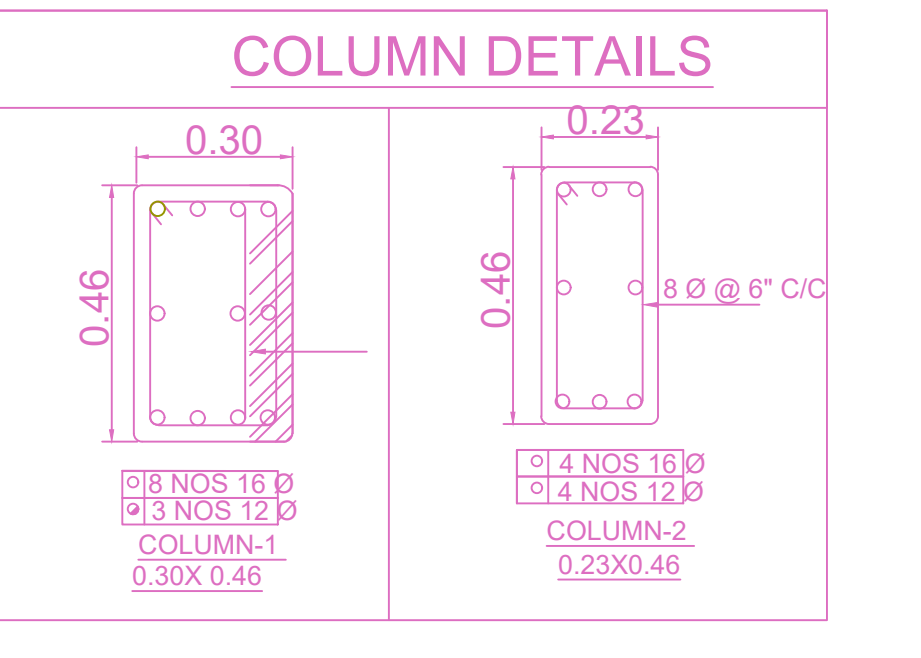
TYPE OF FOOTING	SIZE OF FOOTING A x B x E	DEPTH		FOOTING REINFORCEMENT
		C	D	
F0	4' 0" x 4' 0" x 6" 6"	10"	12"	10Ø @ 6" C/C B/W
F1	6' 6" x 6' 6" x 6" 6"	10"	15"	12Ø @ 6" C/C B/W
F2	7' 6" x 7' 6" x 6" 6"	12"	15"	12Ø @ 6" C/C B/W
CF1	12' 0" x 12' 0" x 6" 6"	24"		REFER LIFTSECTION

PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT FLOOR + 5 FLOORS (HEIGHT - 18.25M) OFFICE CUM RESIDENTIAL BUILDING WITH 8 DWELLING UNITS (1ST FLOOR-OFFICE, 2ND TO 5TH FLOOR-RESIDENTIAL) AVAILING PREMIUM FSI AT MANNIVAKKAM, CHENNAI 600048 COMPRISED IN S.NOS:223/19A & 223/19B, OF MANNIVAKKAM VILLAGE WITHIN THE LIMIT OF KATTANKULATHUR PANCHAYAT UNION.

AREA STATEMENT	SQ.M.
AREA AS PER PATA	1150.00
AREA AS PER DOCUMENT	1175.40
AREA CONSIDERED FOR FSI	1150.00
STREET ALIGNMENT/ ROAD WIDENING/LINK ROAD	0.00
OSR AREA	0.00
TOTAL FSI AREA	2542.57
FSI FACTOR	2.211
COVERAGE AREA (PERCENTAGE %)	NA



Location plan (Taken as per User Inputs)



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

- GENERAL SPECIFICATIONS
- Do not make the drawing. Only written statement to be followed.
  - All dimensions are in CENTIMETER unless otherwise specified.
  - Reinforcement drawing is coordinated with Architectural drawing.
  - 2000 grade concrete to be used for all concrete work.
  - 1000 grade concrete to be used for all concrete work.
  - 1500 grade concrete to be used for all concrete work.
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APPROVAL CONDITION

SCALE: 1:100

CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY

APPROVED

SUBJECT TO THE CONDITIONS MENTIONED IN THIS OFFICE

KEY NO: 1688

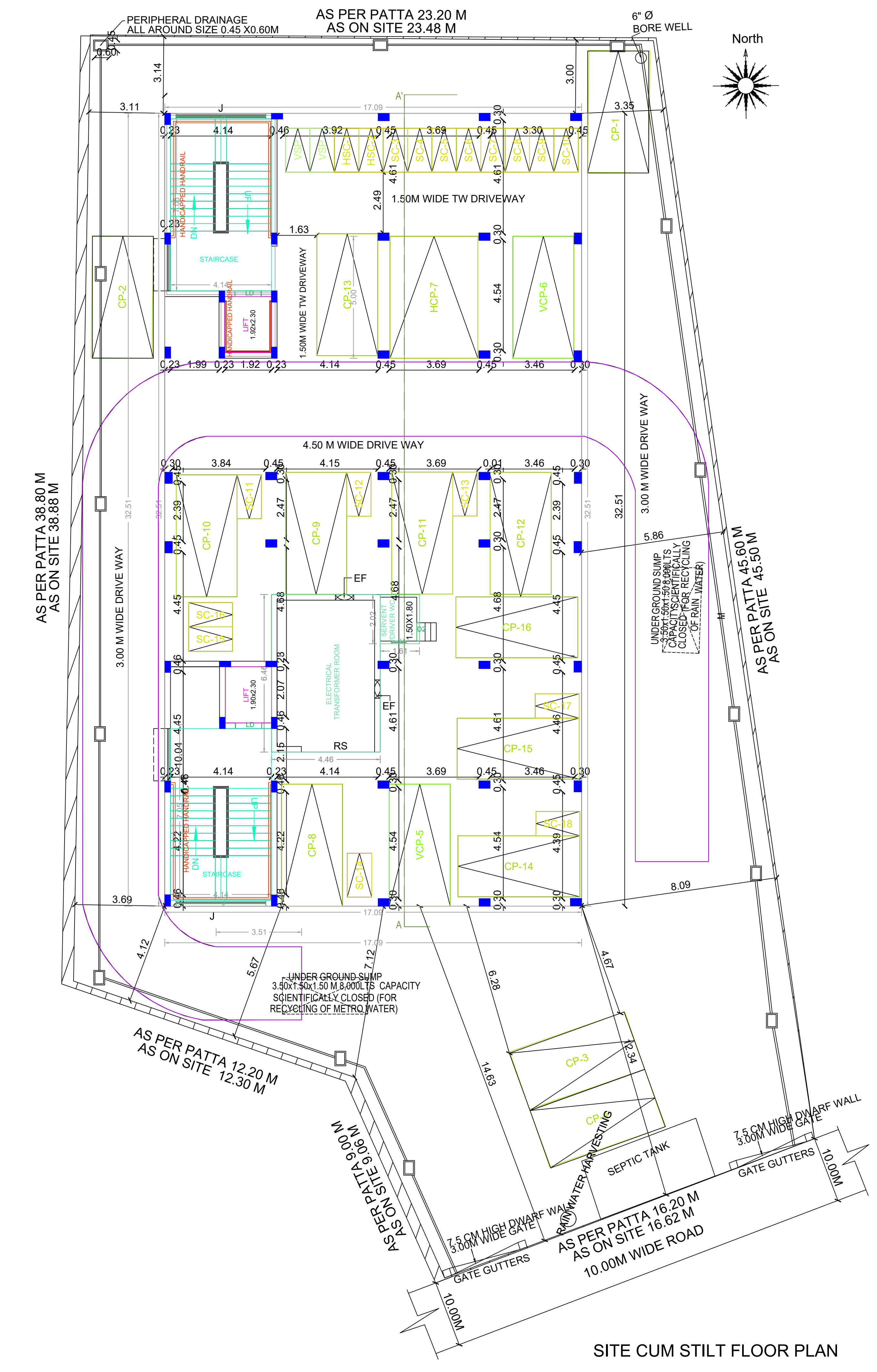
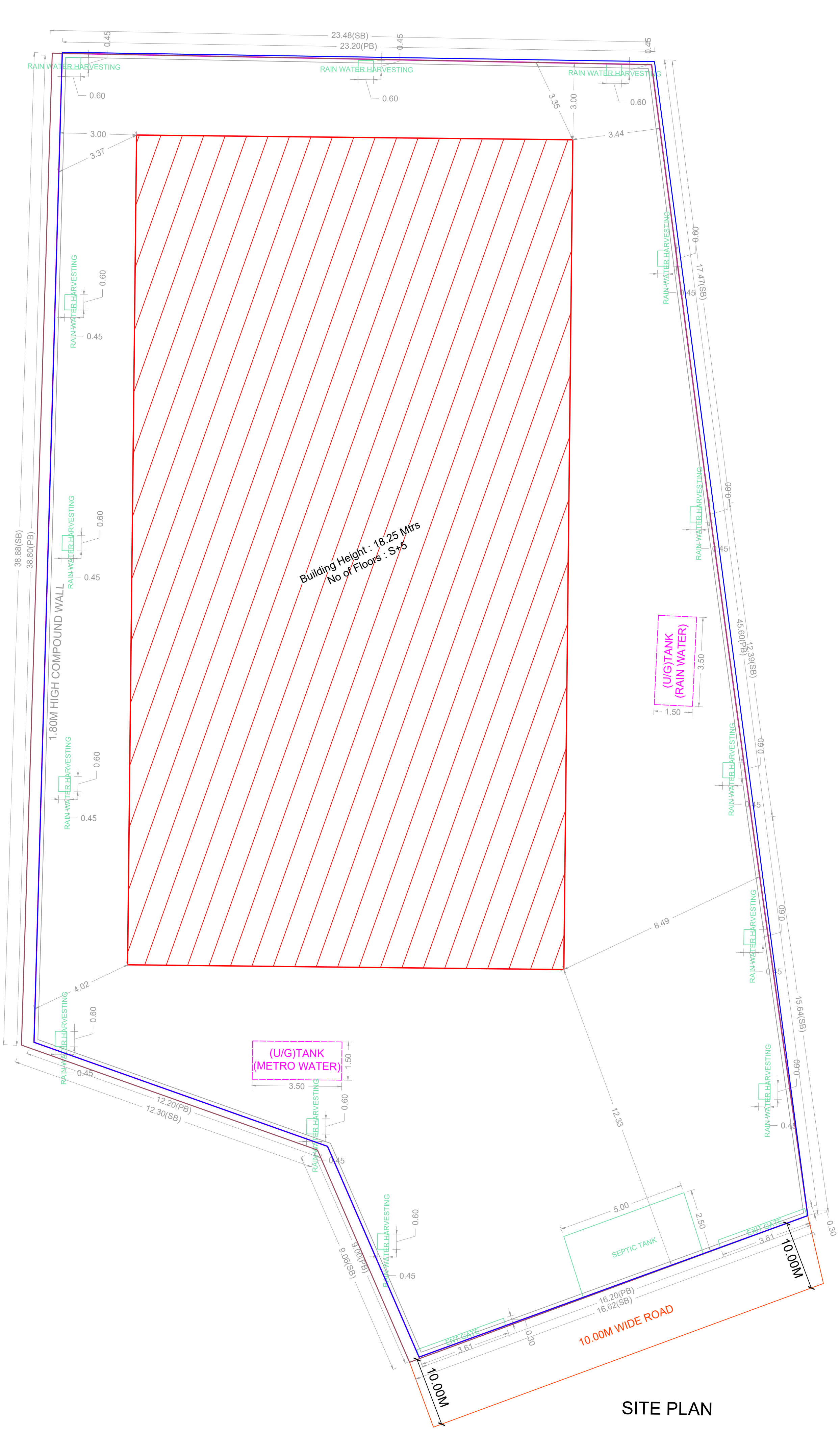
QR CODE

FLOOR WISE FSI STATEMENT: NHRB (OFFICE CUM RESI...)

FLOORS	FSI AREA				DU	TOTAL FSI AREA
	COMM.	RESI.	IND.	INST.		
STILT PARKING FLOOR	0.00	28.81	0.00	0.00	0	28.81
FIRST FLOOR	491.59	63.85	0.00	0.00	0	555.44
SECOND FLOOR	0.00	489.58	0.00	0.00	2	489.58
THIRD FLOOR	0.00	489.58	0.00	0.00	2	489.58
FOURTH FLOOR	0.00	489.58	0.00	0.00	2	489.58
FIFTH FLOOR	0.00	489.58	0.00	0.00	2	489.58
Terrace	0.00	0.00	0.00	0.00	0	0.00
Total	491.59	2050.98	0.00	0.00	8	2542.57

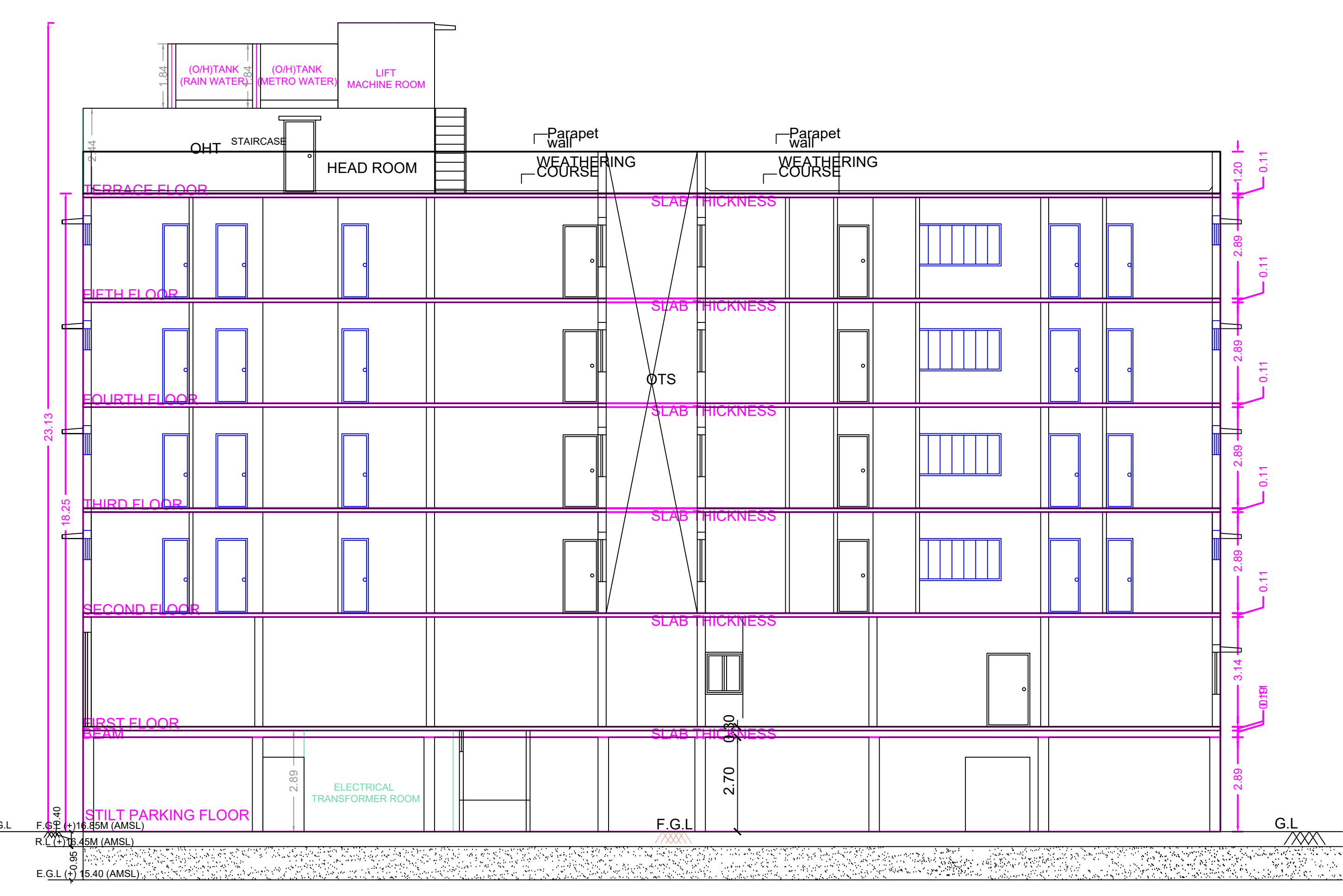
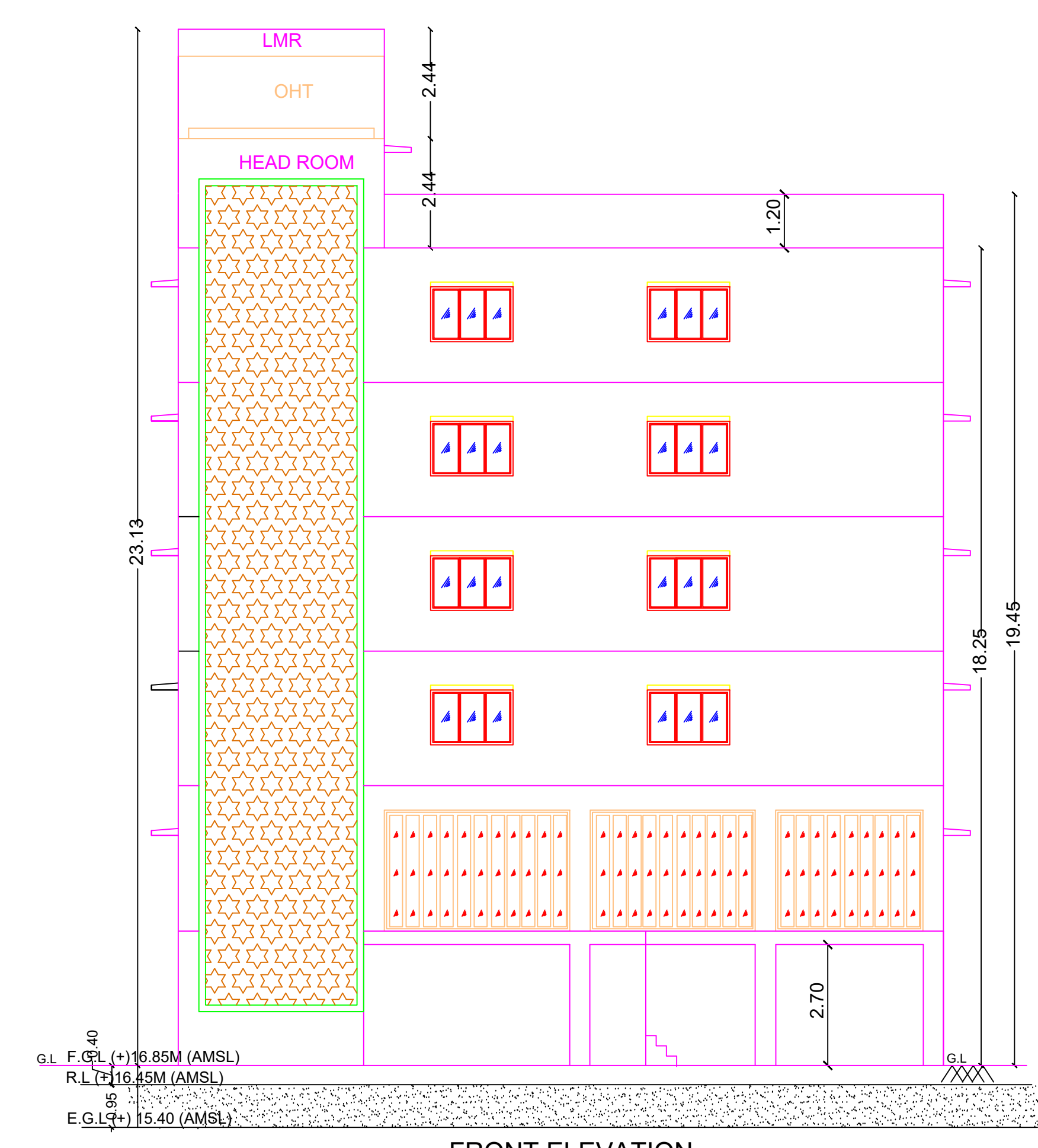
BUILDING WISE FSI STATEMENT

BUILDING	NO OF SAME BUILDING	FSI AREA				DU	TOTAL FSI AREA
		COMM.	RESI.	IND.	INST.		
NHRB-1 (OFF...)		491.59	2050.98	0.00	0.00	8	2542.57
Total		491.59	2050.98	0.00	0.00	8	2542.57





PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT FLOOR + 5 FLOORS (HEIGHT - 18.25M) OFFICE CUM RESIDENTIAL BUILDING WITH 8 DWELLING UNITS (1ST FLOOR-OFFICE, 2ND TO 5TH FLOOR-RESIDENTIAL) AVAILING PREMIUM FSI AT MANNIVAKKAM, CHENNAI 600048 COMPRISED IN S.NOS:223/19A & 223/19B, OF MANNIVAKKAM VILLAGE WITHIN THE LIMIT OF KATTANKULATHUR PANCHAYAT UNION.

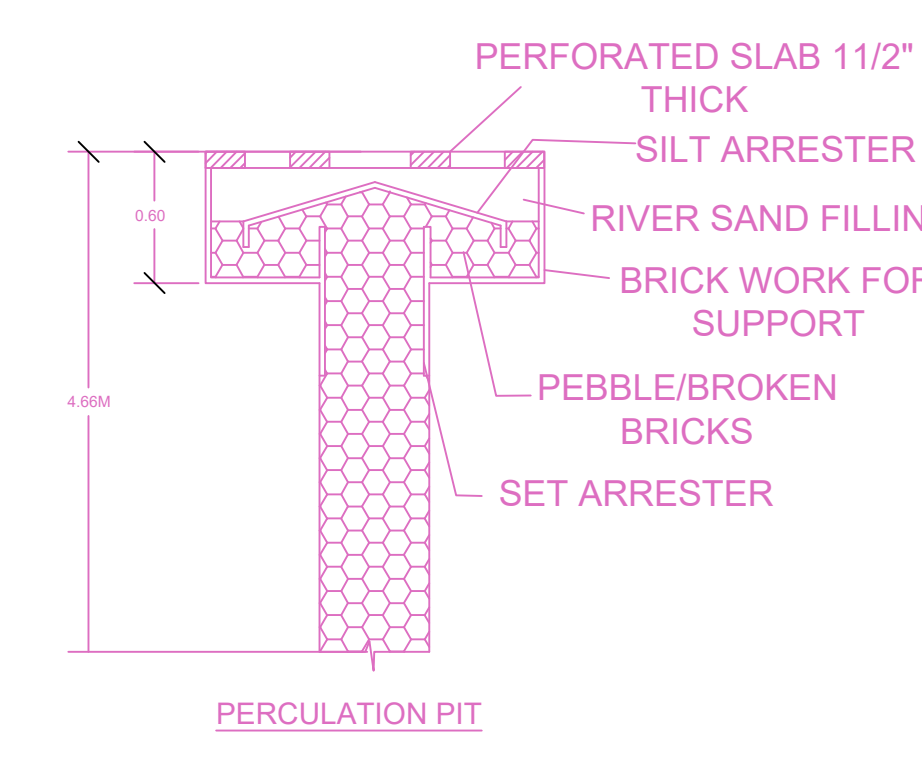
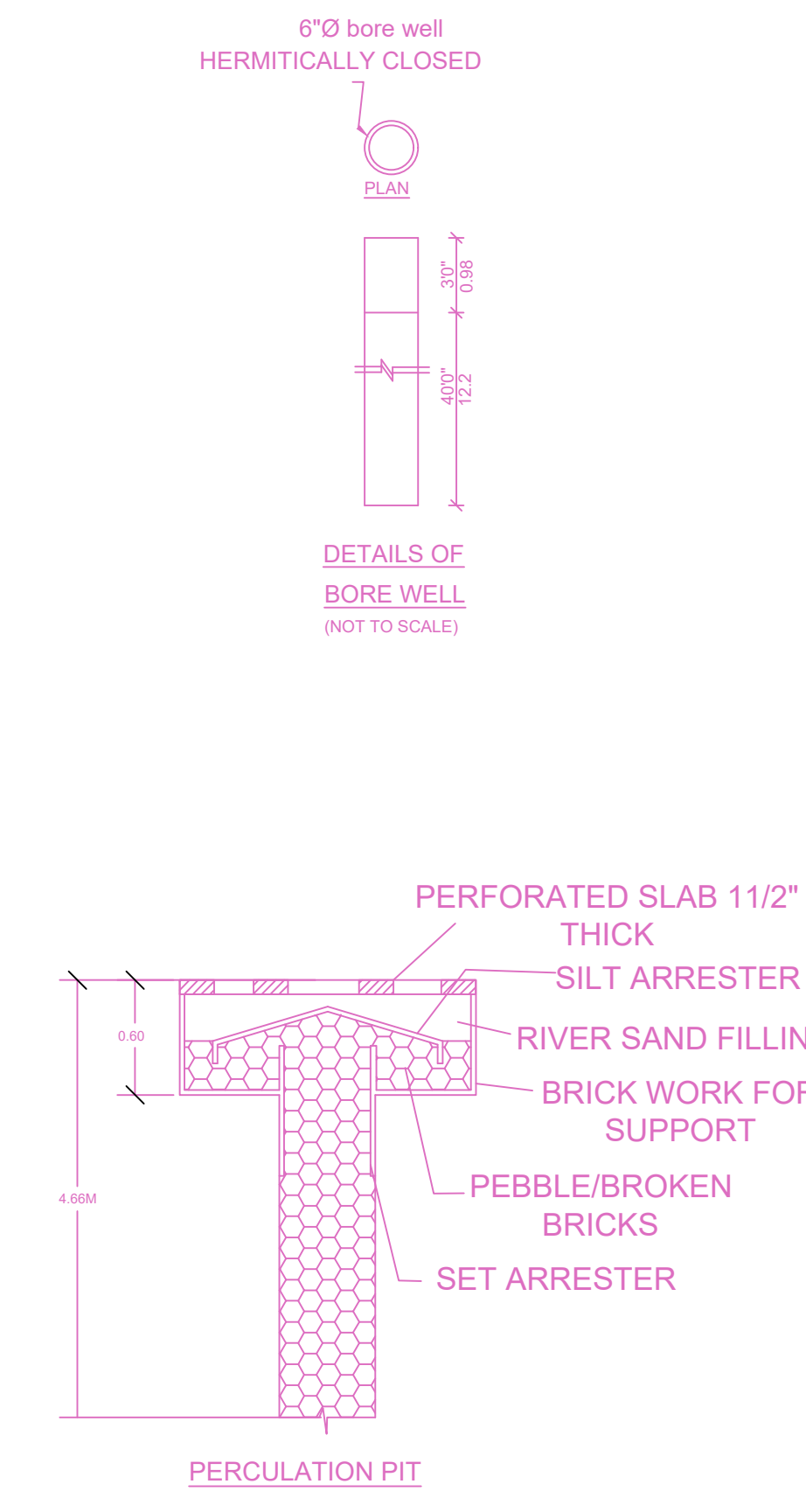
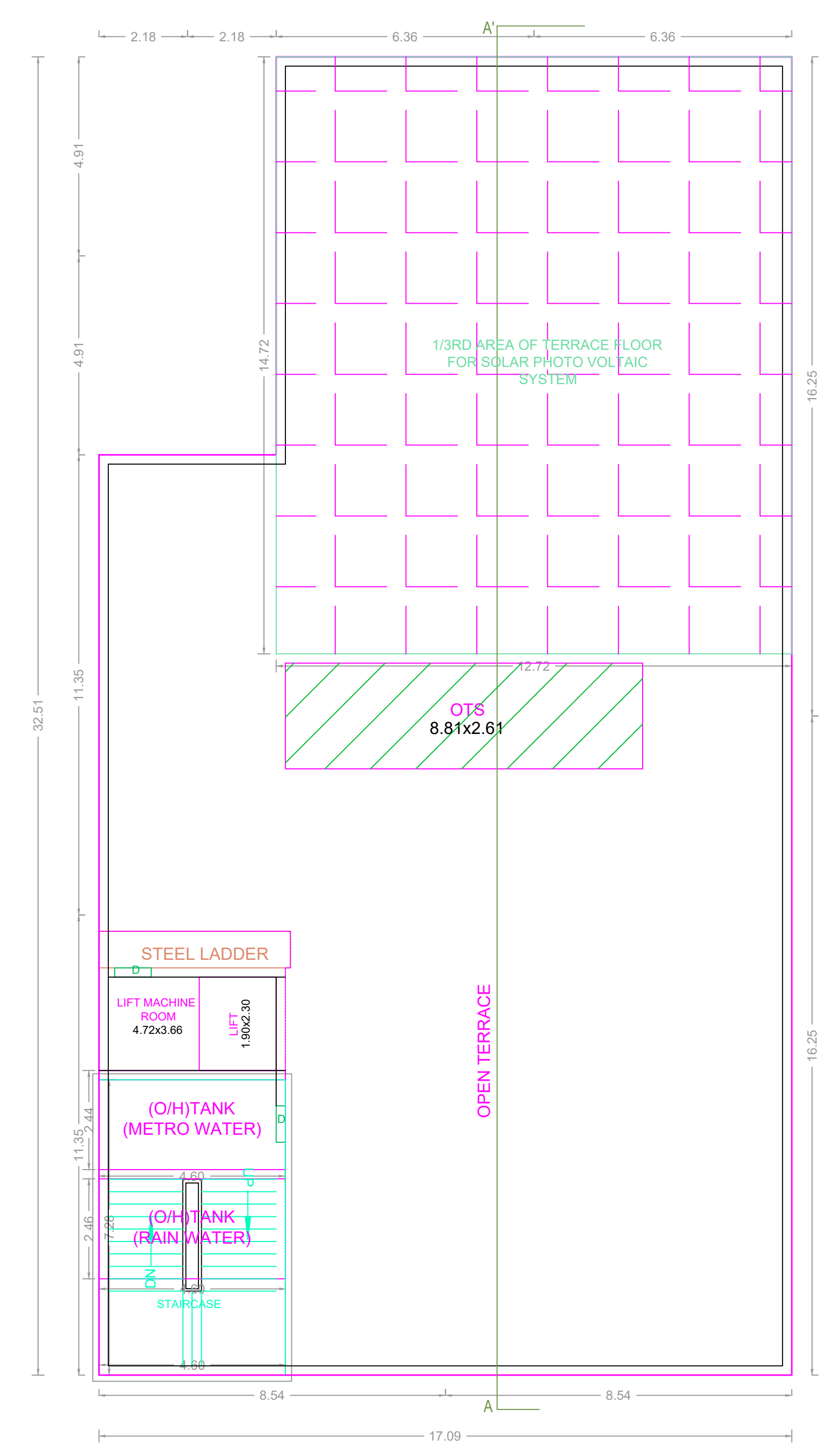
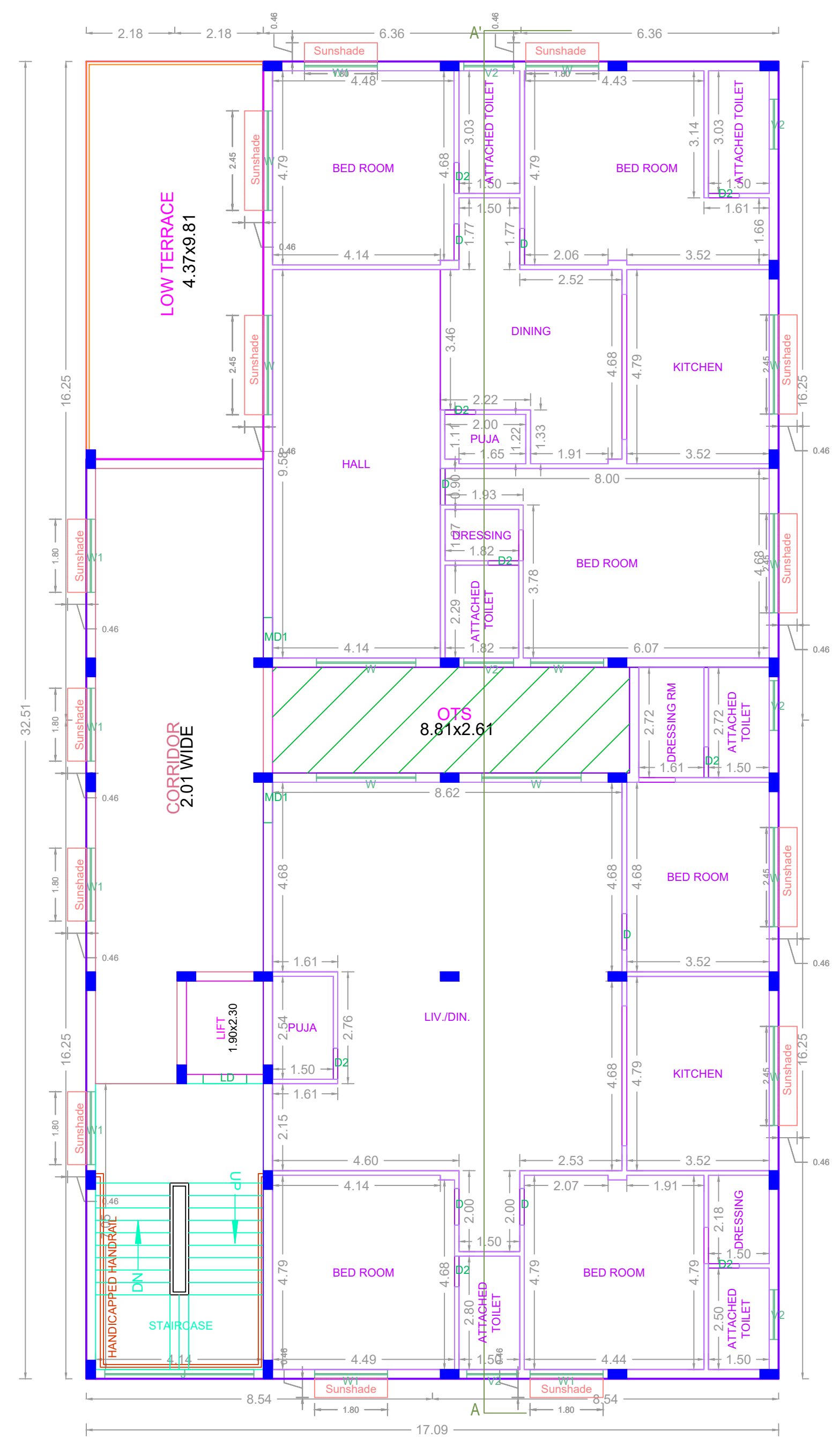
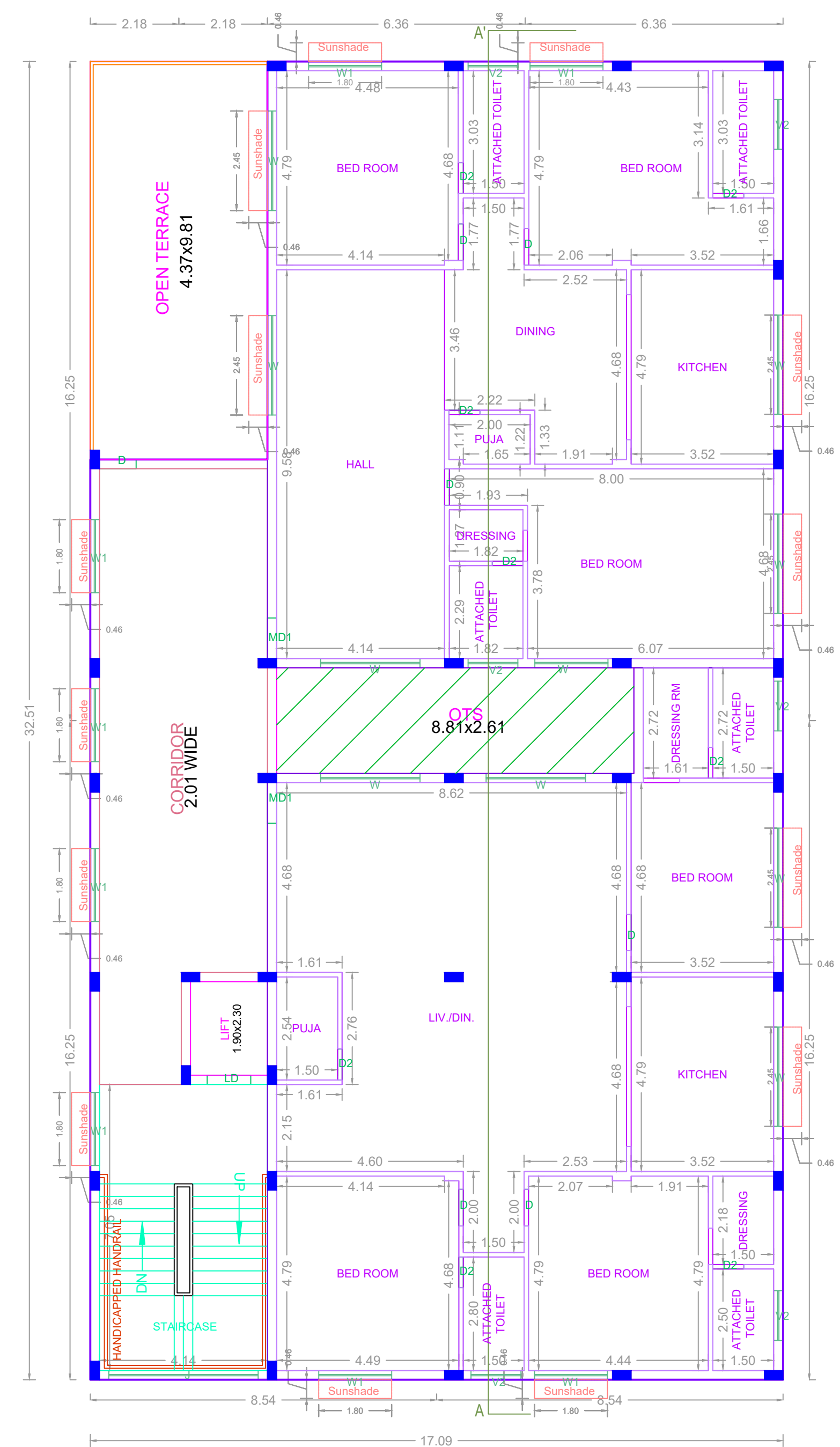
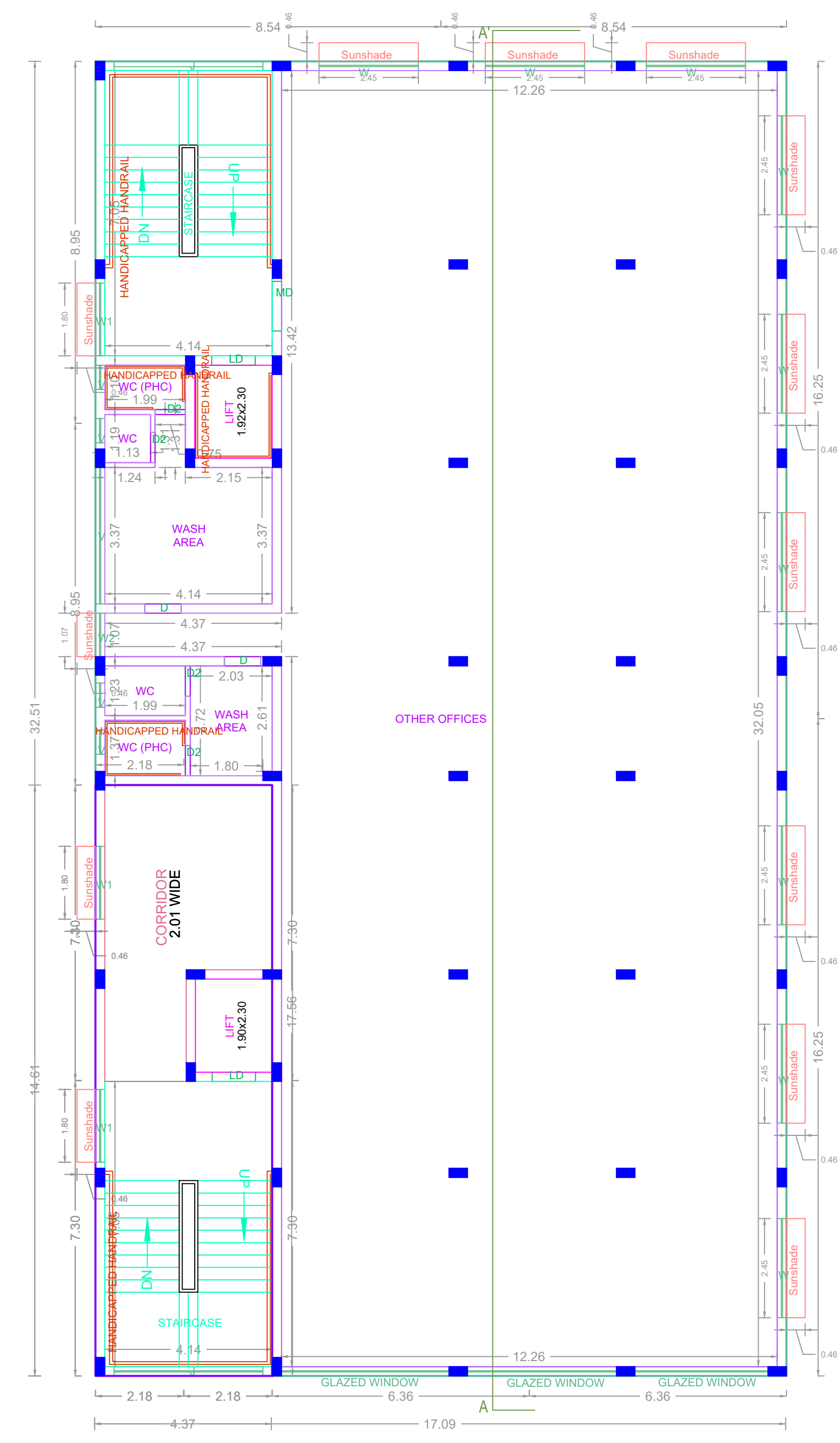
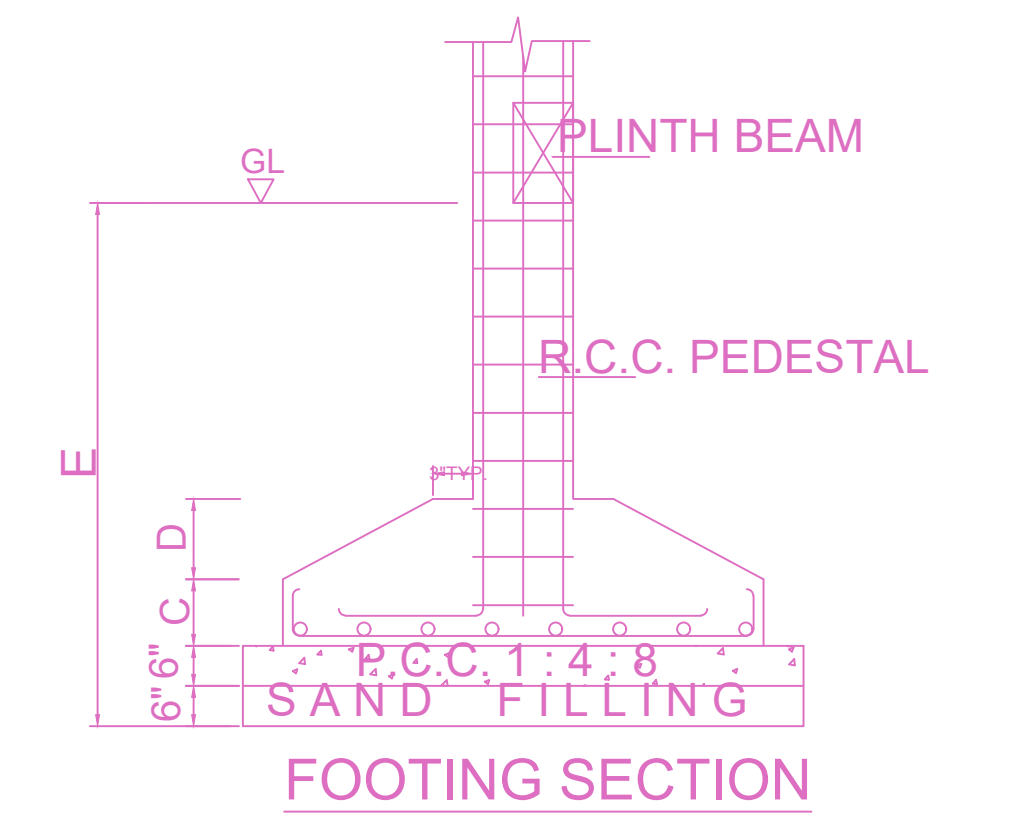
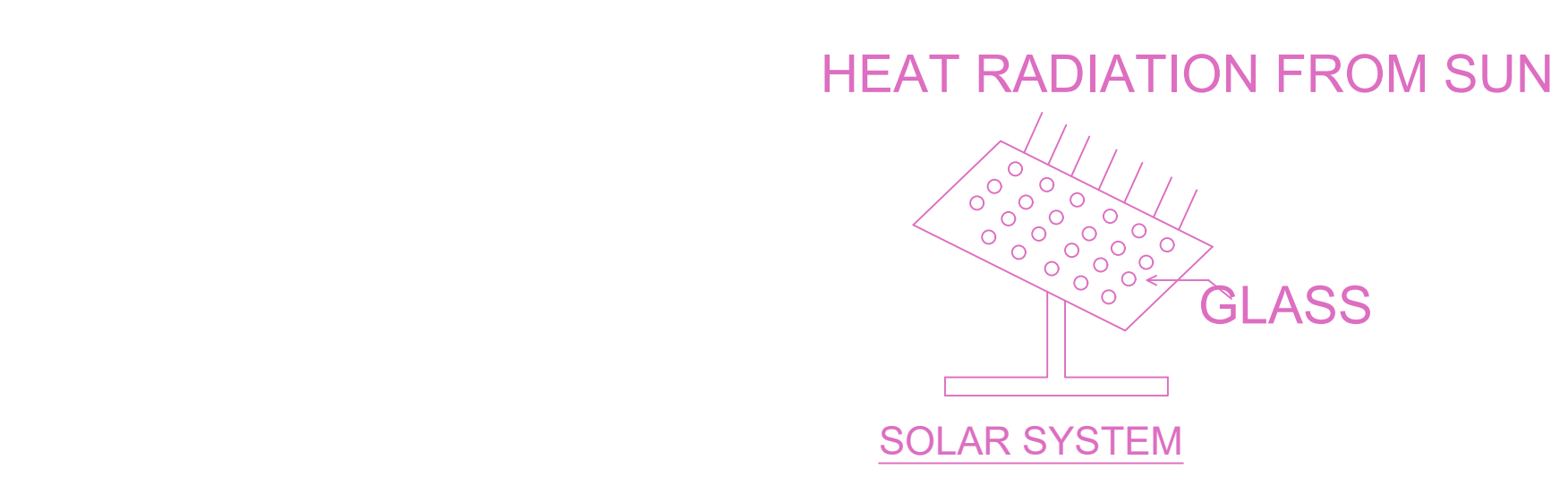
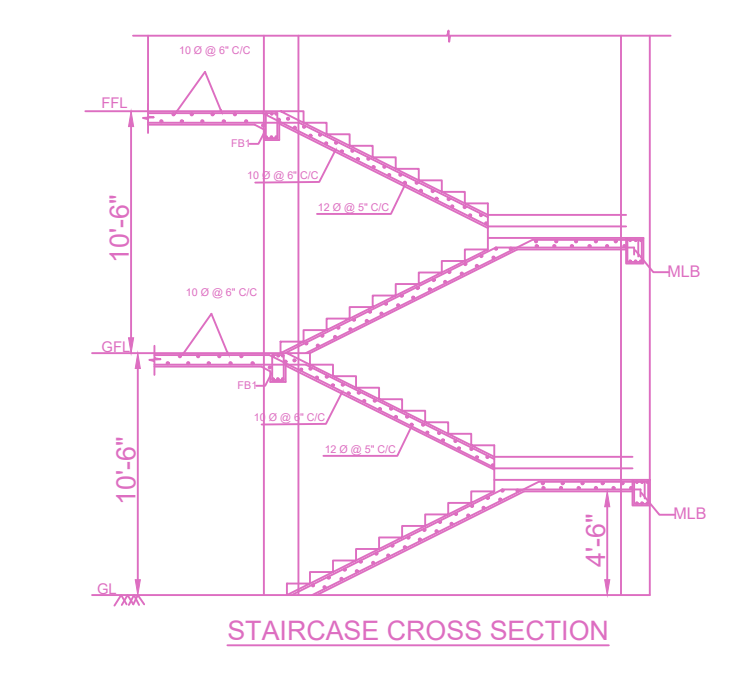
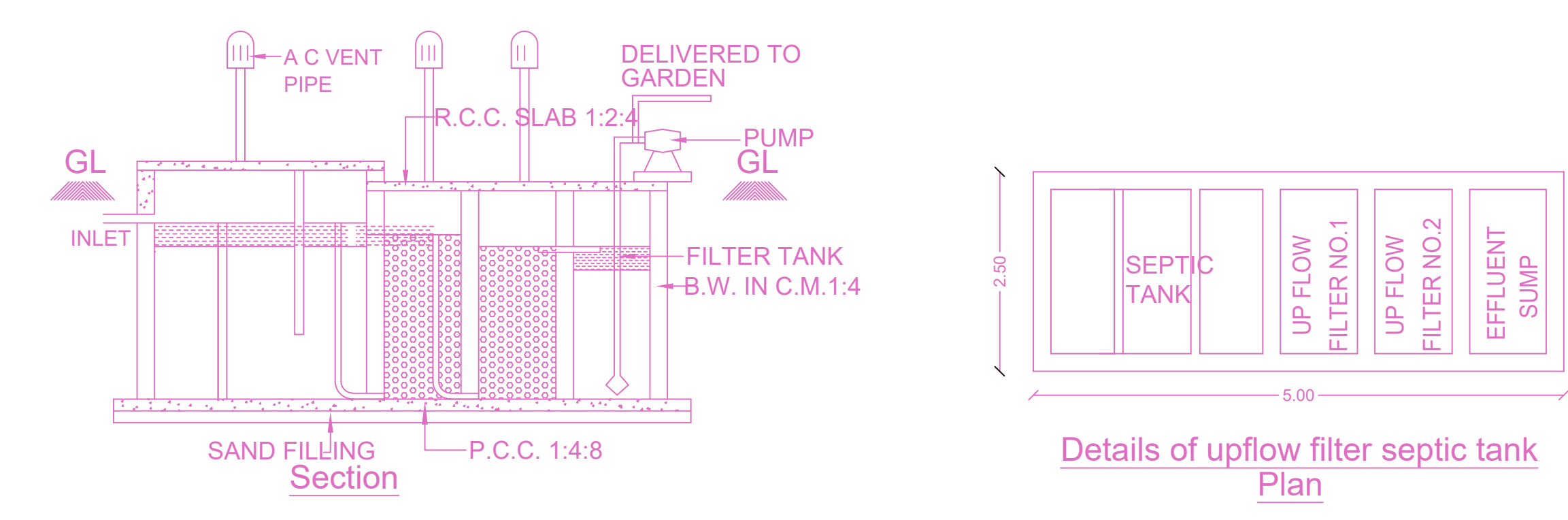


**SEPTIC TANK CALCULATION:**

NO OF DWELLINGS: 08 NOS  
 NO OF DWELLING COMMERCIAL - 555.43/50 = 12 NOS  
 TOTAL NO OF DWELLINGS 20 NOS  
 NO OF USERS: 20 x 5 = 100 persons  
 RATE OF WATER SUPPLY 150 / LPM / DAY  
 FLOW OF SEWAGE /DAY 100 X 150 = 15000 LTS  
 DETENTION PERIOD 18 HOURS  
 TANK CAPACITY CLEARED EVERY YEAR SO STORAGE CAPACITY AT THE RATIO OF 18.0 LTS FOR A PERSON PER YEAR 20 X 18 = 360 LTS  
 11250+360 = 11610 LTS  
 WITH PROVISION FOR FUTURE EXPANSION LET THE TANK CAPACITY BE 11610 LTS  
 PROVIDE SEPTIC TANK SIZE L X B X D = 5.00 X 2.50 X 2.10 = 26.25 CU M

**UPFLOW FILTER:**

DISCHARGE FOR 100 PERSONS 100 X 70 = 7000 LTRS  
 VOLUME: 20X 0.25 = 5 CU M  
 DEPTH: 1.1 - 0.3 = 0.8M  
 PLAN AREA REQUIRED 5/0.8 = 6.25sqm  
 SIZE OF THE FINAL SUMP 2.45 X 1.6 X 1.8 = 7.94 CU M  
 UPFLOW FILTER-1 = 1.57X1.8X1.8  
 UPFLOW FILTER-2 = 1.57X1.8X1.8



APPROVAL CONDITION

SCALE 1:100

CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY

APPROVED

SUBJECT TO THE CONDITIONS MENTIONED IN THIS OFFICE

For Check/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. 1688

QR CODE