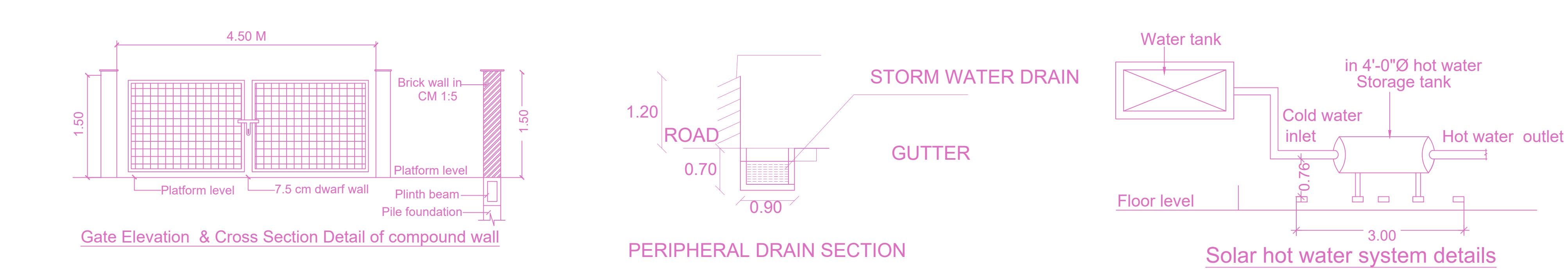
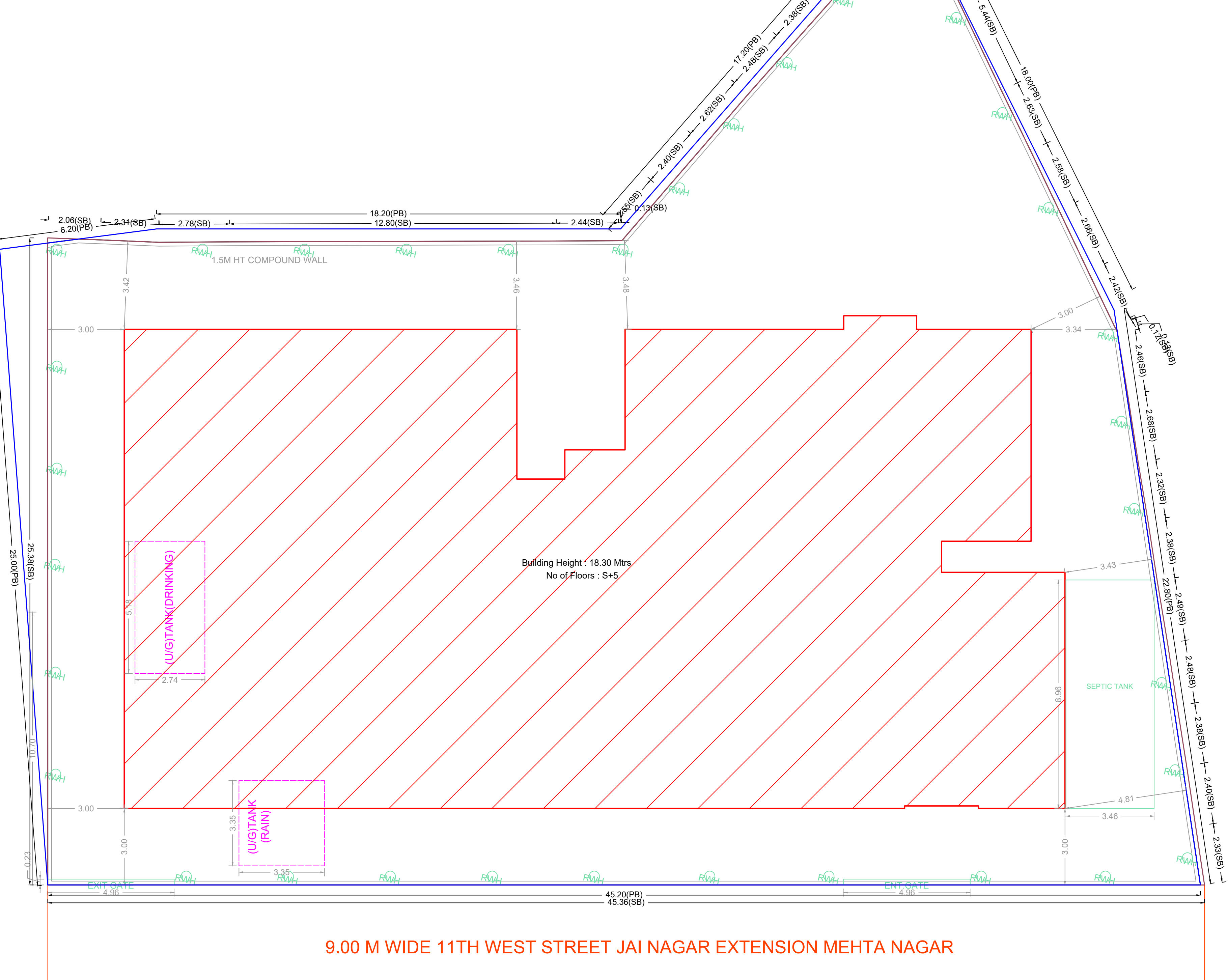
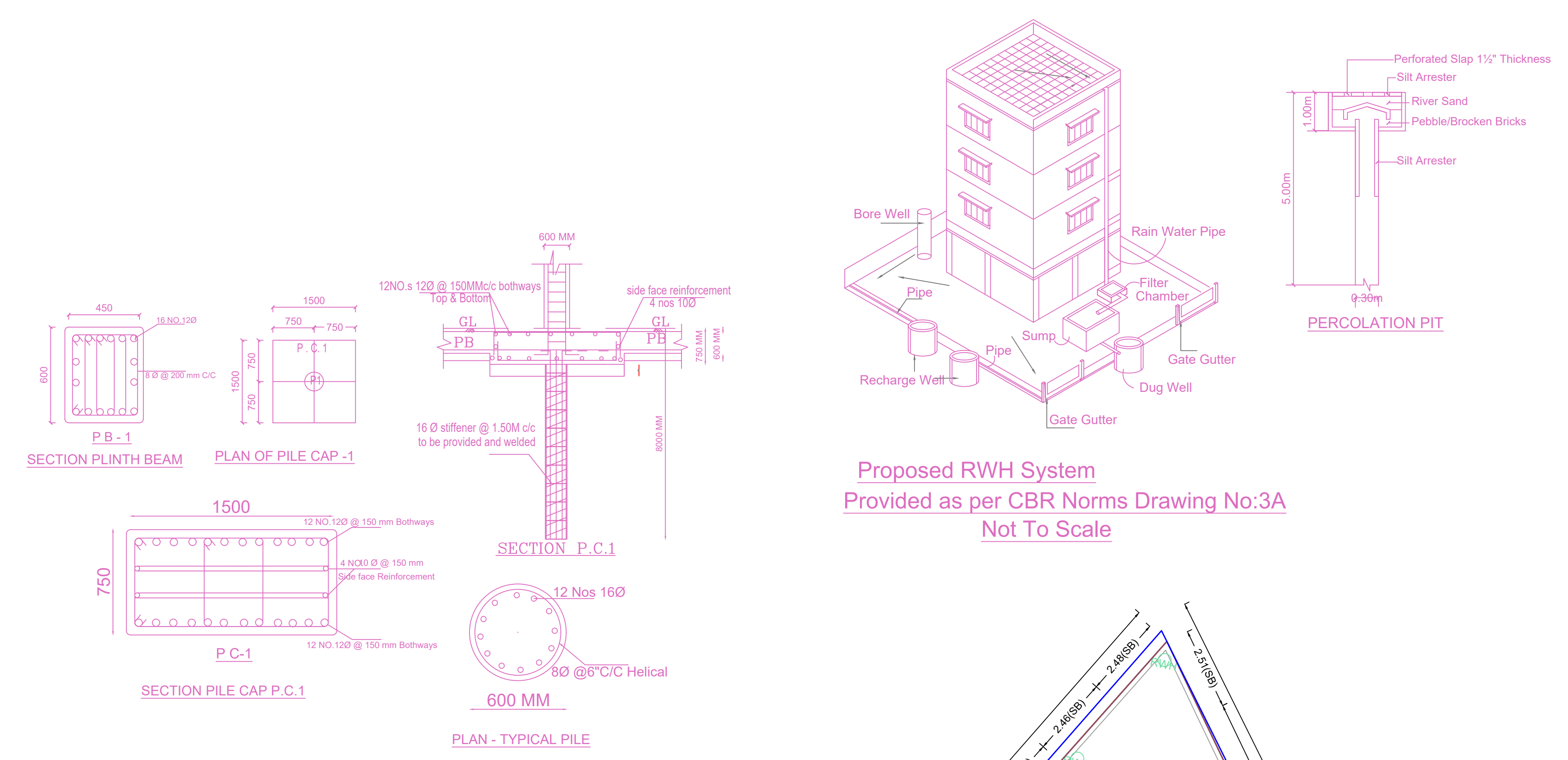
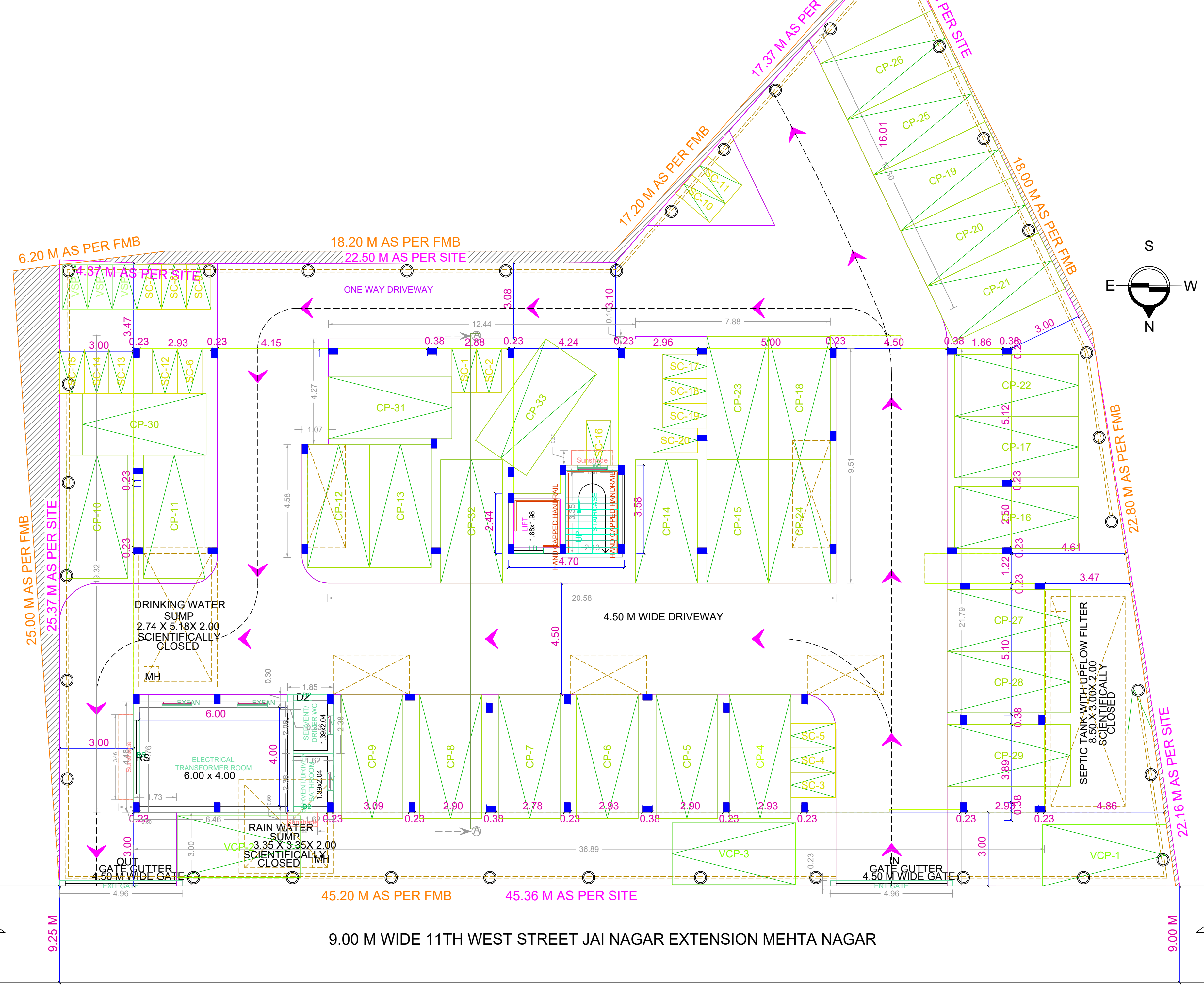
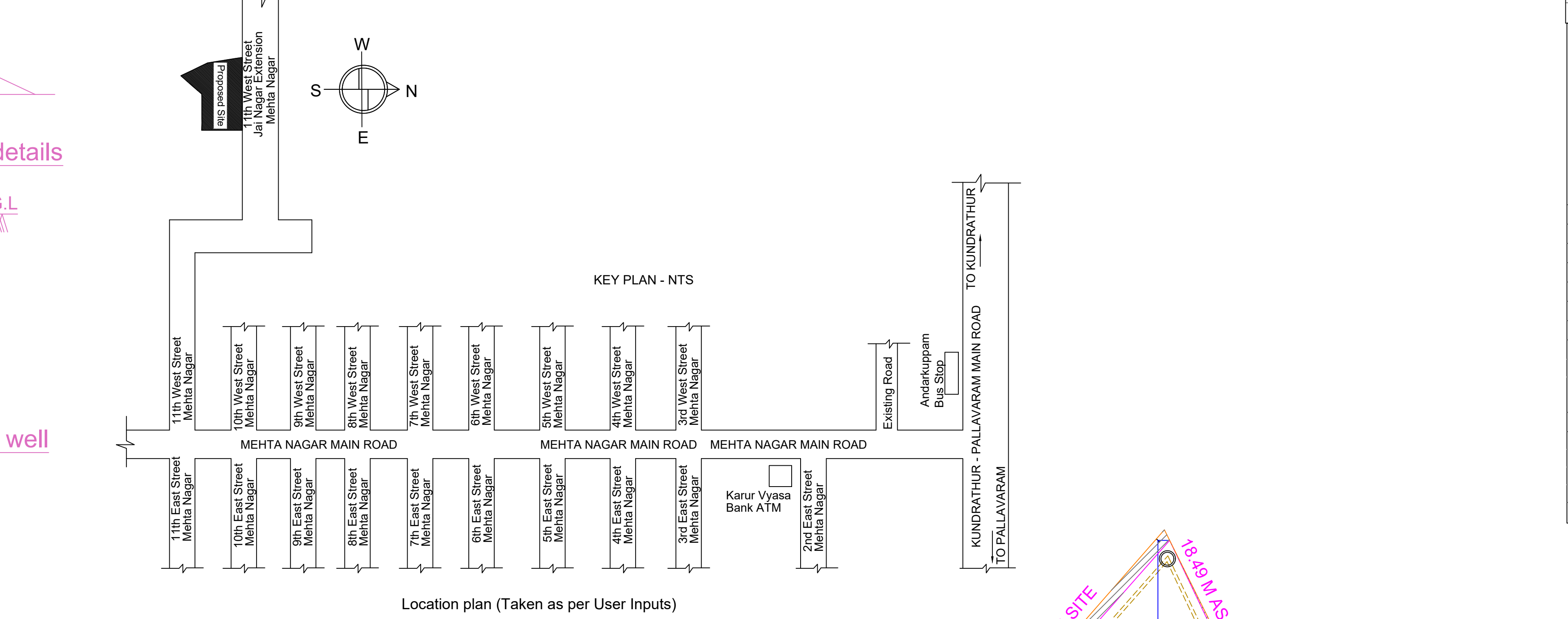


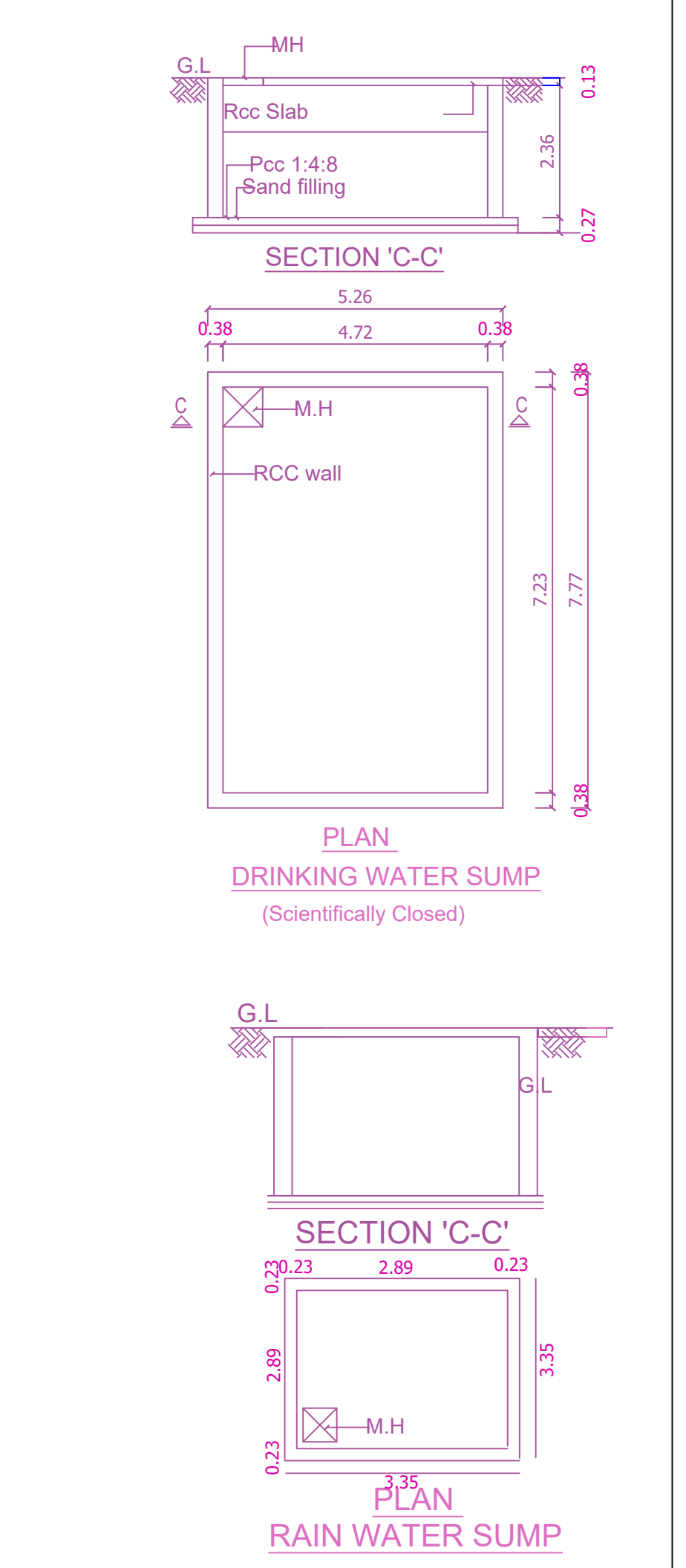
SITE PLAN		SHEET NO. 12
PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT FLOOR + 4 FLOORS + 5TH FLOOR PART RESIDENTIAL BUILDING (HEIGHT-18.30M) WITH 39 DWELLING UNITS WITH AFFORDABLE HOUSING AT PLOT NO 19.20 & 21, 11TH WEST STREET, JAI NAGAR EXTENSION, MEHTA NAGAR - KUNDRATHUR, CHENNAI COMPRISED IN S.NO. 90/1B/1B.90/1B/1C.90/1B/1A2 & 90/1B/1A3 OF KUNDRATHUR-B VILLAGE WITHIN THE LIMITS OF KUNDRATHUR MUNICIPALITY.		
A) AREA STATEMENT		SQM.
AREA AS PER PATTA		1190.00
AREA AS PER DOCUMENT		1187.18
AREA CONSIDERED FOR FSI		1187.18
STREET ALIGNMENT/ ROAD WIDENING/LINK ROAD		0.00
OSR AREA		0.00
TOTAL FSI AREA		3085.36
FSI FACTOR		2.599
COVERAGE AREA (PERCENTAGE %)		NA
A) PARKING STATEMENT		
VEHICLE	REQUIRED	PROVIDED
LORRY	-	0
CAR	33	33
TWO WHEELER	21	21
CYCLE	-	0



BUILDING WISE FSI STATEMENT							
BUILDING	NO OF SAME BUILDING	FSI AREA				DU	TOTAL FSI AREA
		COMM.	RESI.	IND.	INST.		
A-1 (RESI)		0.00	3085.36	0.00	0.00	39	3085.36
Total		0.00	3085.36	0.00	0.00	39	3085.36



FLOOR WISE FSI STATEMENT: A (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	0.00	626.76	0.00	0.00	8	626.76
SECOND FLOOR	0.00	626.76	0.00	0.00	8	626.76
THIRD FLOOR	0.00	626.76	0.00	0.00	8	626.76
FOURTH FLOOR	0.00	626.76	0.00	0.00	8	626.76
FIFTH FLOOR	0.00	549.51	0.00	0.00	7	549.51
Terrace	0.00	0.00	0.00	0.00	0	0.00
Total	0.00	3085.36	0.00	0.00	39	3085.36



APPROVAL CONDITION

SCALE: 1:100

CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY
APPROVED

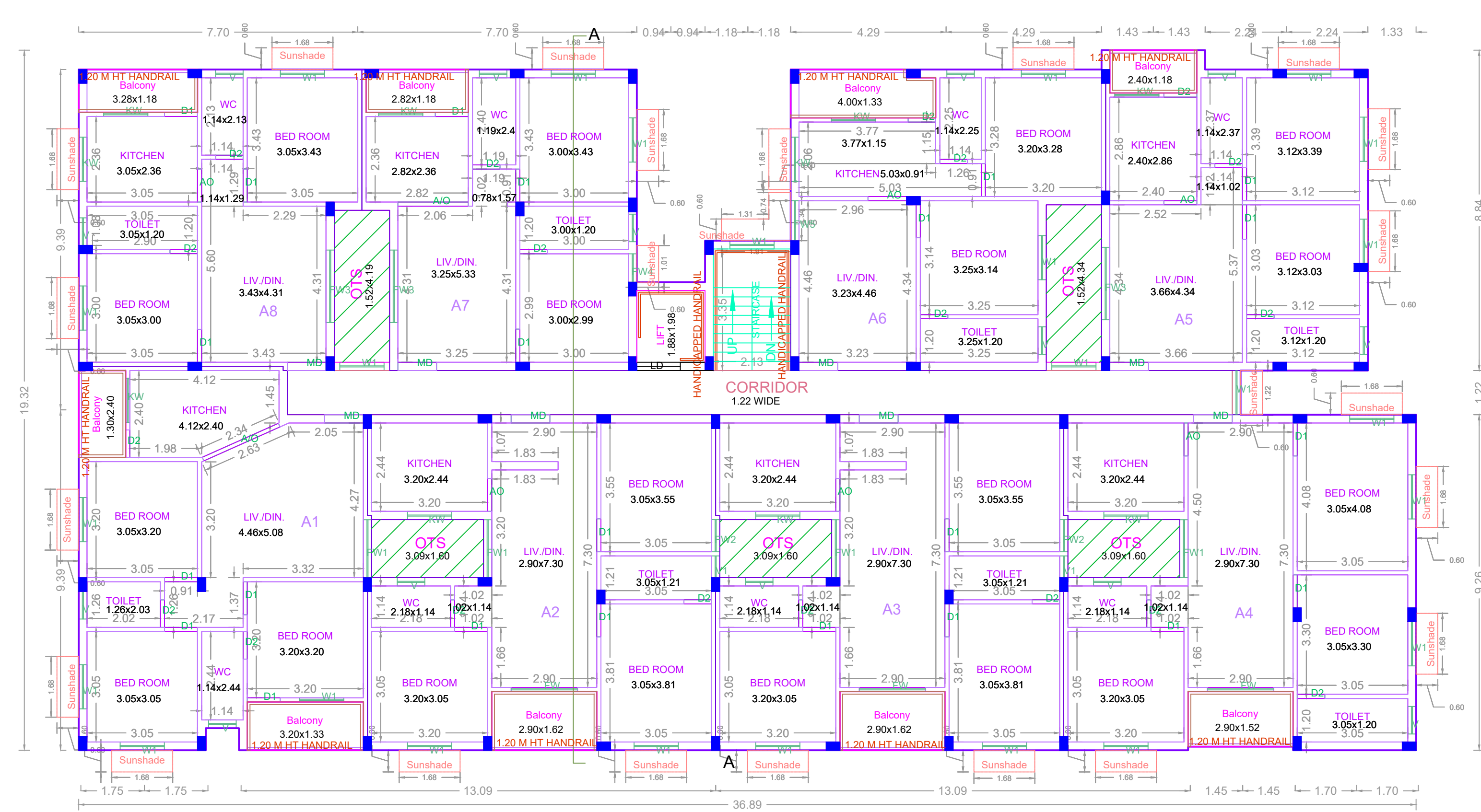
SUBJECT TO THE CONDITIONS MENTIONED IN THIS OFFICE

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.

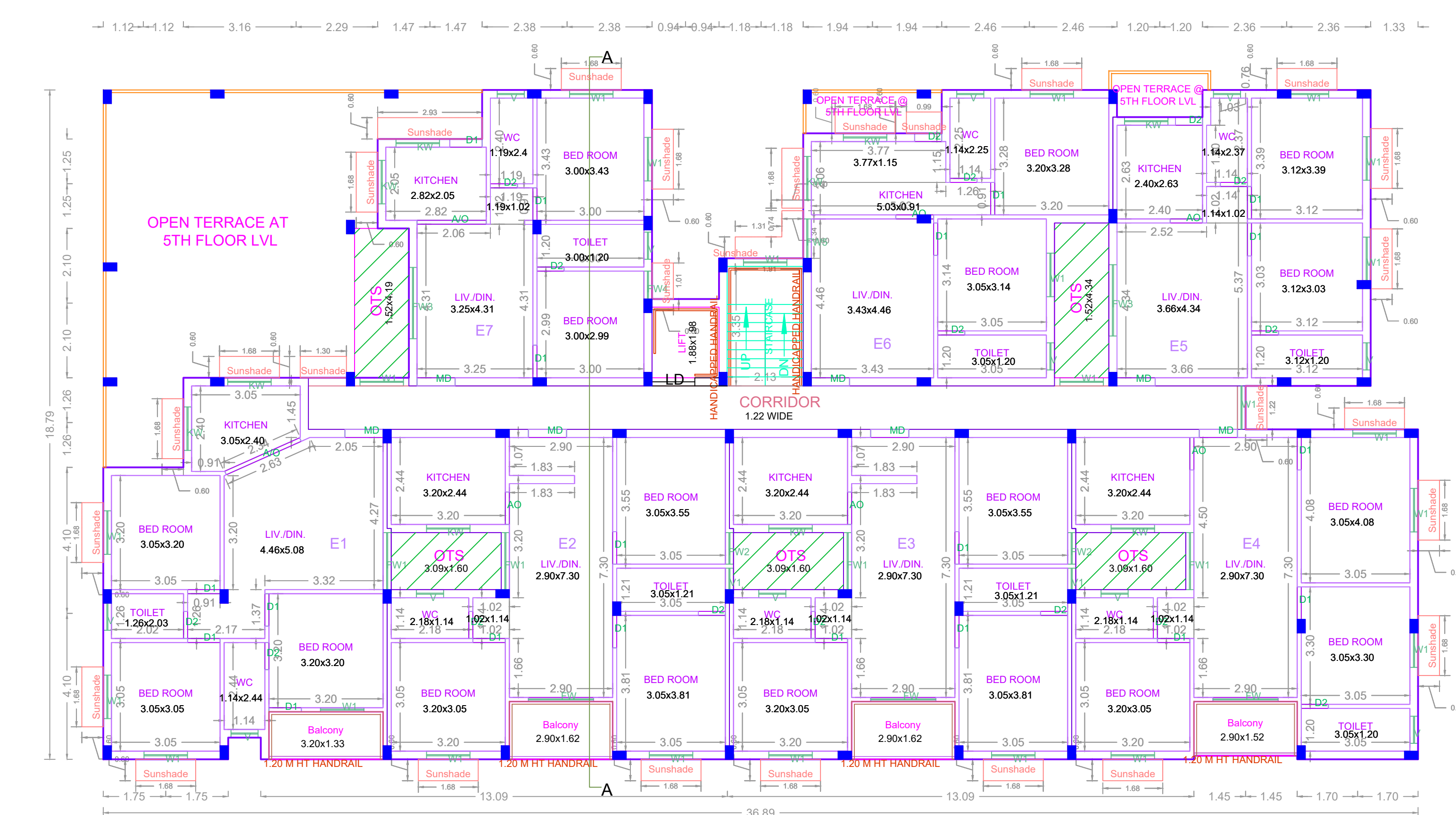
KEY NO. 2788

QR CODE

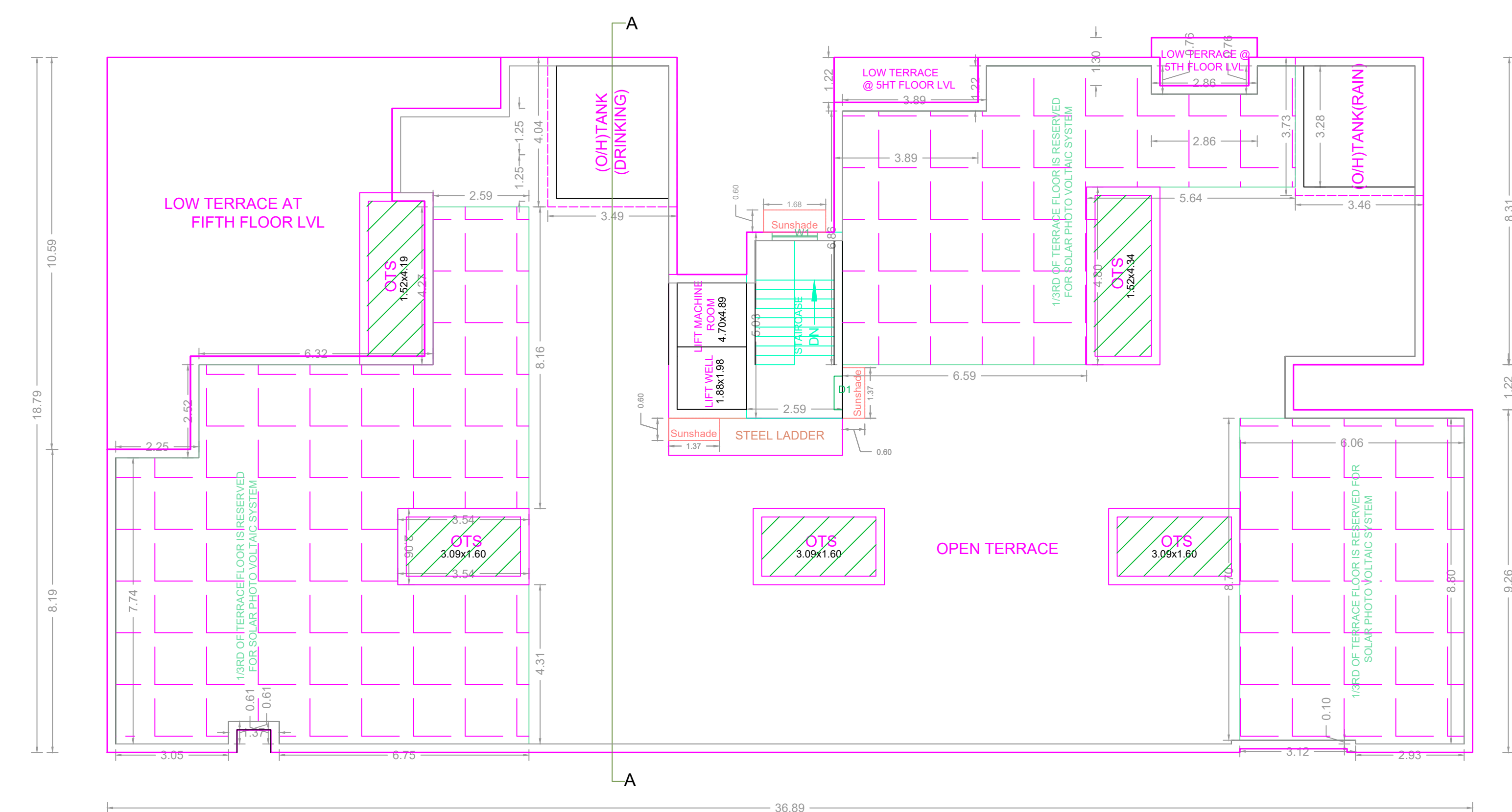
PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT FLOOR + 4 FLOORS + 5TH FLOOR PART RESIDENTIAL BUILDING (HEIGHT-18.30M) WITH 39 DWELLING UNITS WITH AFFORDABLE HOUSING AT PLOT NO 19.20 & 21, 11TH WEST STREET, JAI NAGAR EXTENSION, MEHTA NAGAR - KUNDRATHUR, CHENNAI COMPRISED IN S.NO. 90/1B/19, 90/1B/1C, 90/1B/1A2 & 90/1B/1A3 OF KUNDRATHUR-B VILLAGE WITHIN THE LIMITS OF KUNDRATHUR MUNICIPALITY.



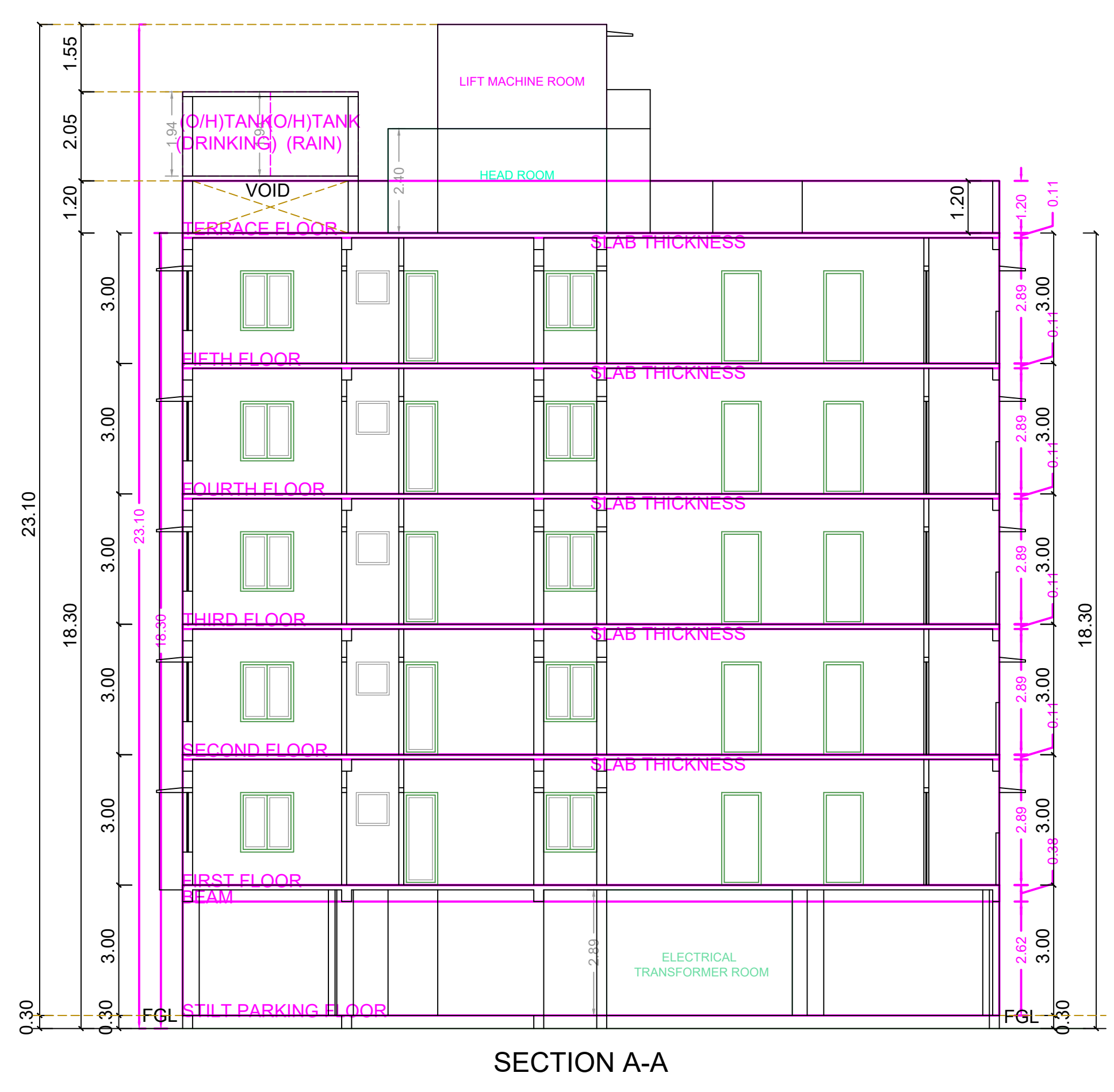
TYPICAL - 1, 2, 3 & 4 FLOOR PLAN



FIFTH FLOOR PLAN



TERRACE FLOOR PLAN



SECTION A-A



ELEVATION

DESIGN OF SEPTIC TANK WITH UPFLOW FILTER FOR 39 DWELLINGS

NO. OF FLATS OR DWELLINGS -> 39
 ASSUMING 5 PERSONS FOR FLATS -> 39X5=90
 NO. OF PERSONS -> 195
 NO. OF USERS ASSUMING 2 FIXTURES PER FLAT -> 195X2=390NITS.
 PER HOUR DISCHARGE -> 390X6=2340 LPM.

SEPTIC TANK

SURFACE AREA NEEDED -> 2340X0.92/10 = 215.28 SAY 100M
 VOLUME OF SEDIMENTATION:
 ASSUMING 0.30M DEPTH
 FOR DIGESTION 64.8X0.032 = 2.0736M³
 FOR SLUDGE STORAGE 0.0002X365X75 = 5.47M
 FREE BOARD FOR SLUDGE 5X0.3M = 1.50M²

DEPTH = $\frac{\text{VOLUME}}{\text{AREA}} = \frac{7}{5} = 1.40M$

SIZE OF SEPTIC TANK 8.50X3.00X2.00
 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

SEPTIC TANK WITH UPFLOW FILTER DETAILS

APPROVAL CONDITION

SCALE 1:100

CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY

APPROVED

SUBJECT TO THE CONDITIONS MENTIONED IN THIS OFFICE

For (Design 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. 2788

QR CODE