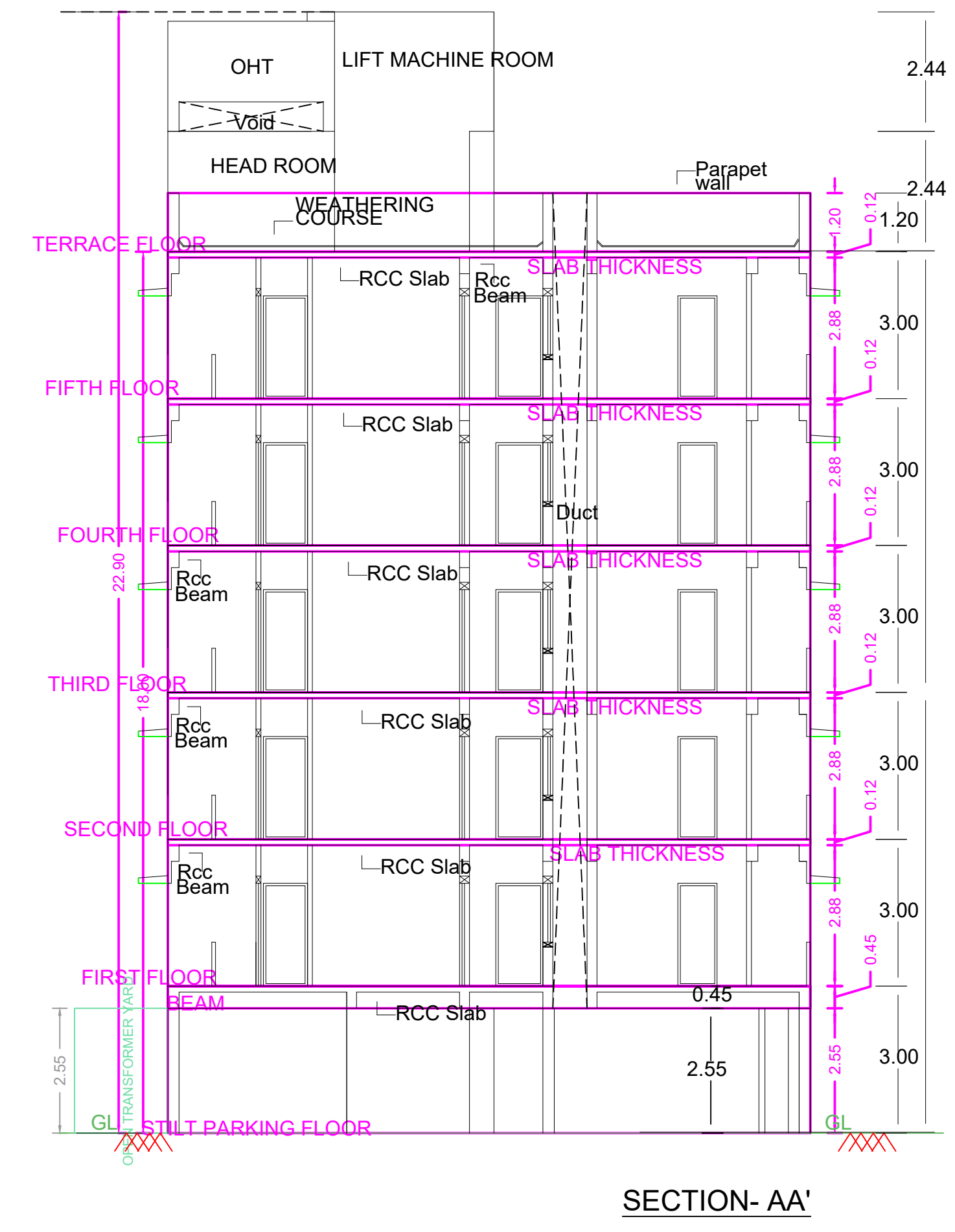
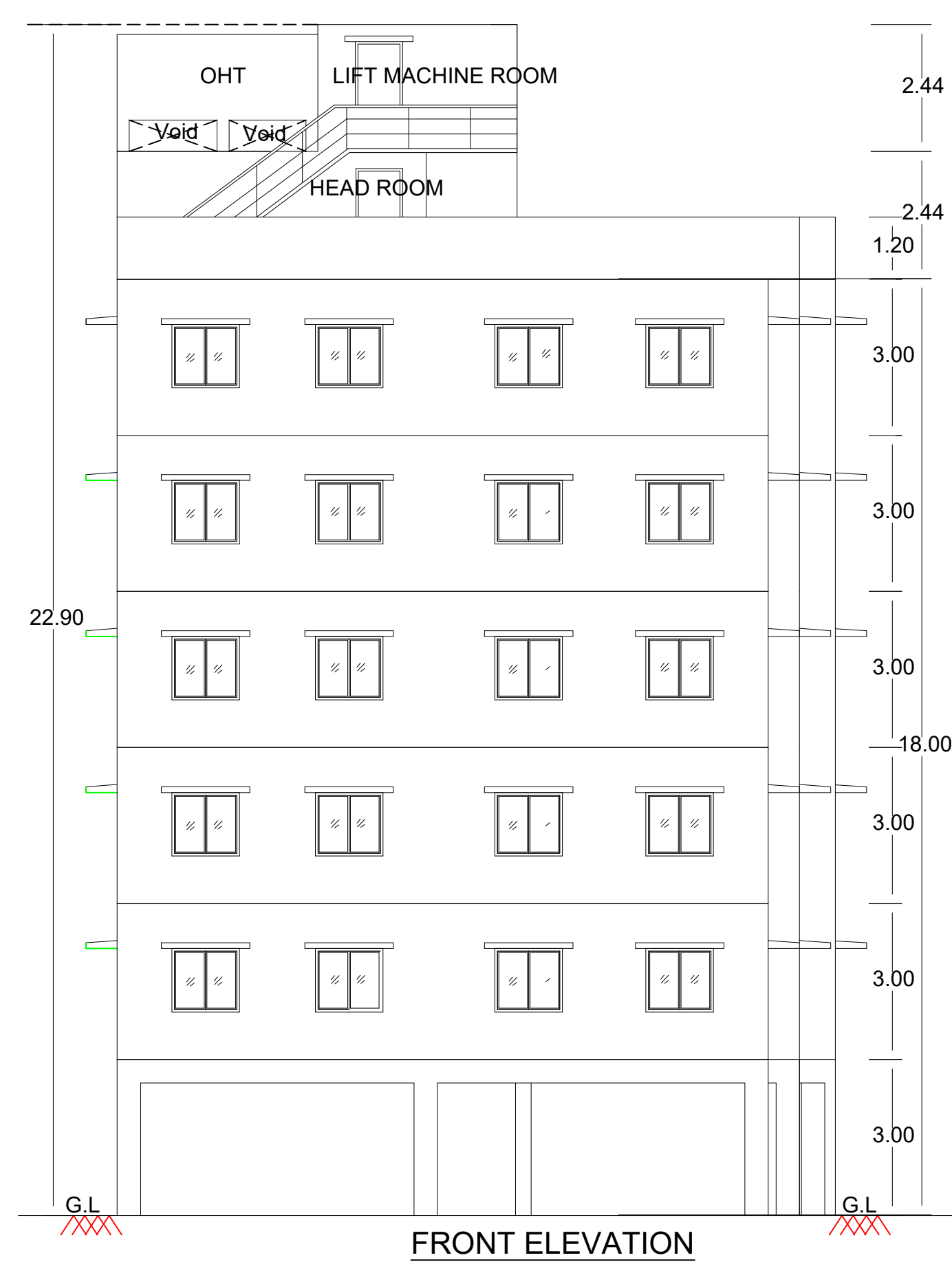
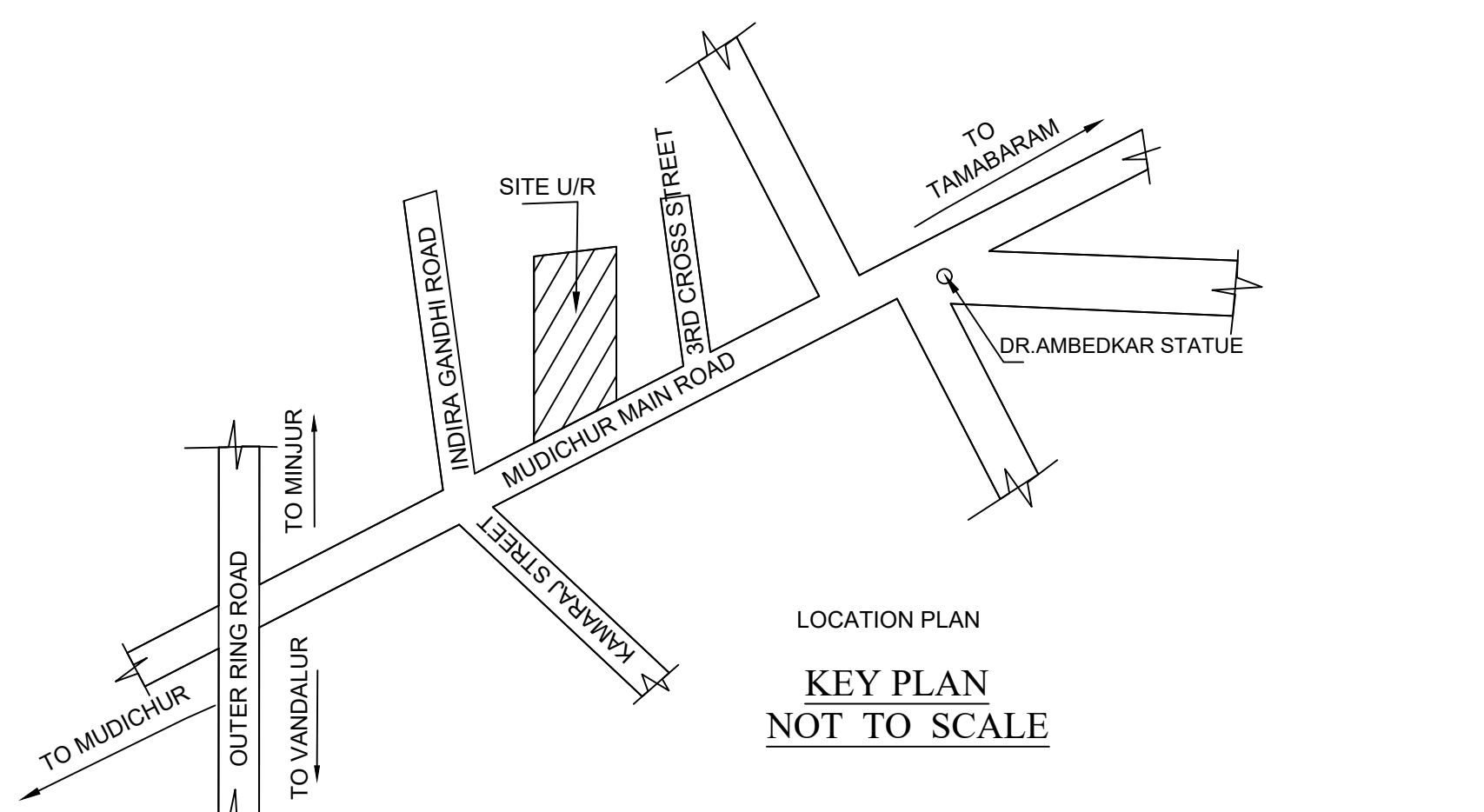


SEPTIC TANK CALCULATION:

NO OF DWELLINGS: 30 NOS
 NO OF DWELLING COMMERCIAL - 144/50 = 15 NOS
 TOTAL NO OF DWELLINGS 45 NOS
 NO OF USERS: 45 x 5 = 225 persons
 RATE OF WATER SUPPLY 150 / LPM / DAY
 FLOW OF SEWAGE /DAY 225 X 150 = 33750 LTS
 DETENTION PERIOD 18 HOURS
 TANK CAPACITY 33750 X 18 / 24 = 25312.50 LTS
 CLEANED EVERY YEAR SO STORAGE CAPACITY AT THE RATIO OF 18.0 LTS FOR A PERSON PER YEAR 30 X 18 = 540 LTS
 33750+540 = 34290 LTS
 WITH PROVISION FOR FUTURE EXPANSION LET THE TANK CAPACITY BE 34290 LTS
 PROVIDE SEPTIC TANK SIZE L X B X D = 6.99 X 2.6 X 2.10 = 38.16 CU.M

UPFLOW FILTER:

DISCHARGE FOR 225 PERSONS 225X 70 = 1400 LTRS
 VOLUME: 20X 0.25 = 5 CU.M
 DEPTH: 1.1 - 0.3 = 0.8M
 PLAN AREA REQUIRED 5/ 0.8 = 6.25Sq.m
 SIZE OF THE FINAL SUMP 2.45 X 1.8X 1.8 = 7.94 CU.M
 UPFLOW FILTER-1 = 1.57X1.8X1.8
 UPFLOW FILTER-2 = 1.57X1.8X1.8



PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT FLOOR + 5 FLOORS (18.00M HEIGHT) OFFICE (1ST TO 5TH FLOOR PART) CUM RESIDENTIAL BUILDING WITH 30 DWELLING UNITS AT MUDICHUR MAIN ROAD, PERUNGALATHUR, CHENNAI IN S.NO. 300/3A2 OF PERUNGALATHUR VILLAGE WITHIN THE LIMIT OF TAMBARAM MUNICIPAL CORPORATION. ZONE : 04

A) AREA STATEMENT	SQM.
AREA AS PER PATA	1109.00
AREA AS PER DOCUMENT	1072.41
AREA CONSIDERED FOR FSI	1072.41
STREET ALIGNMENT/ ROAD WIDENING LINK ROAD	1142
OSR AREA	0.00
TOTAL FSI AREA	2766.50
FSI FACTOR	2.580
COVERAGE AREA (PERCENTAGE %)	NA

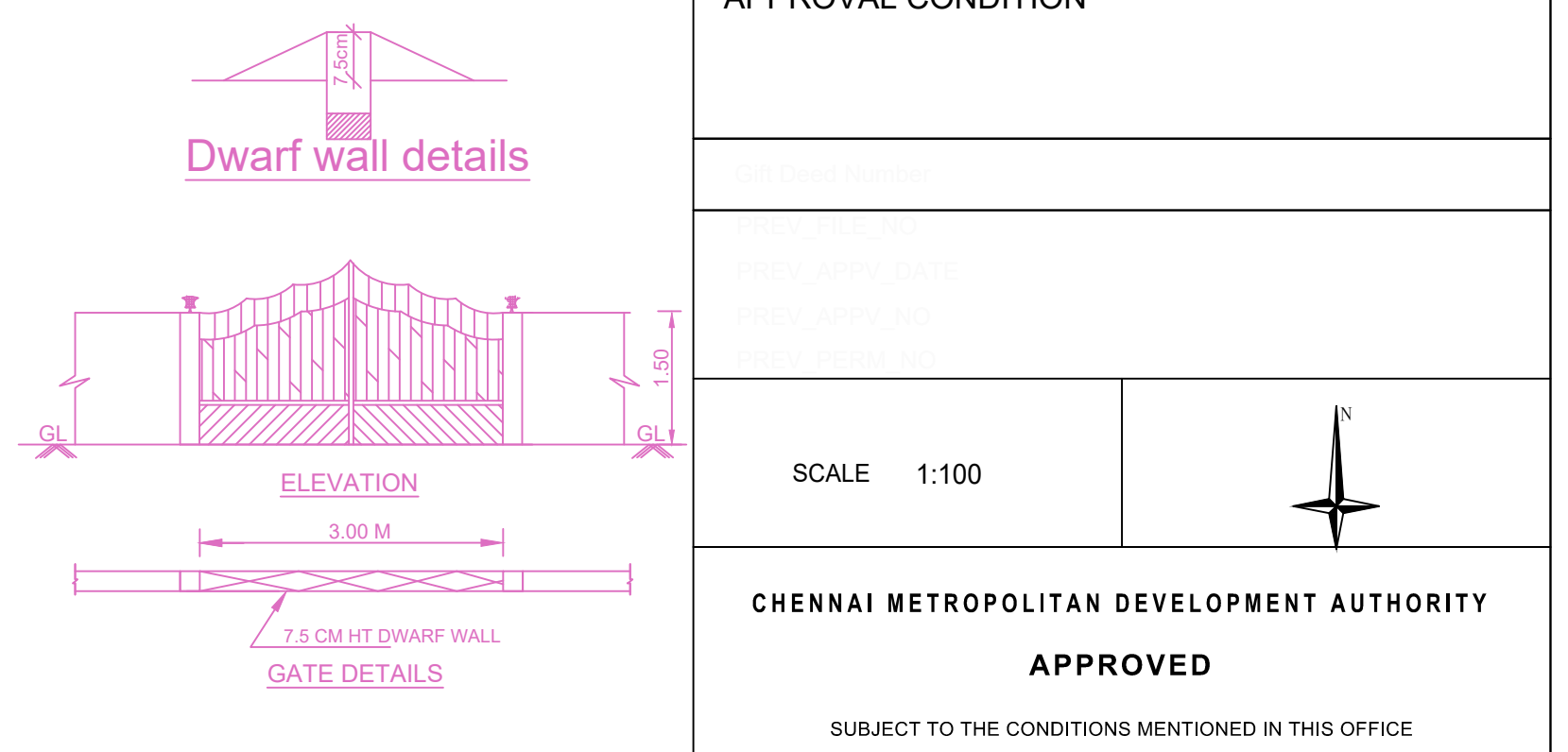
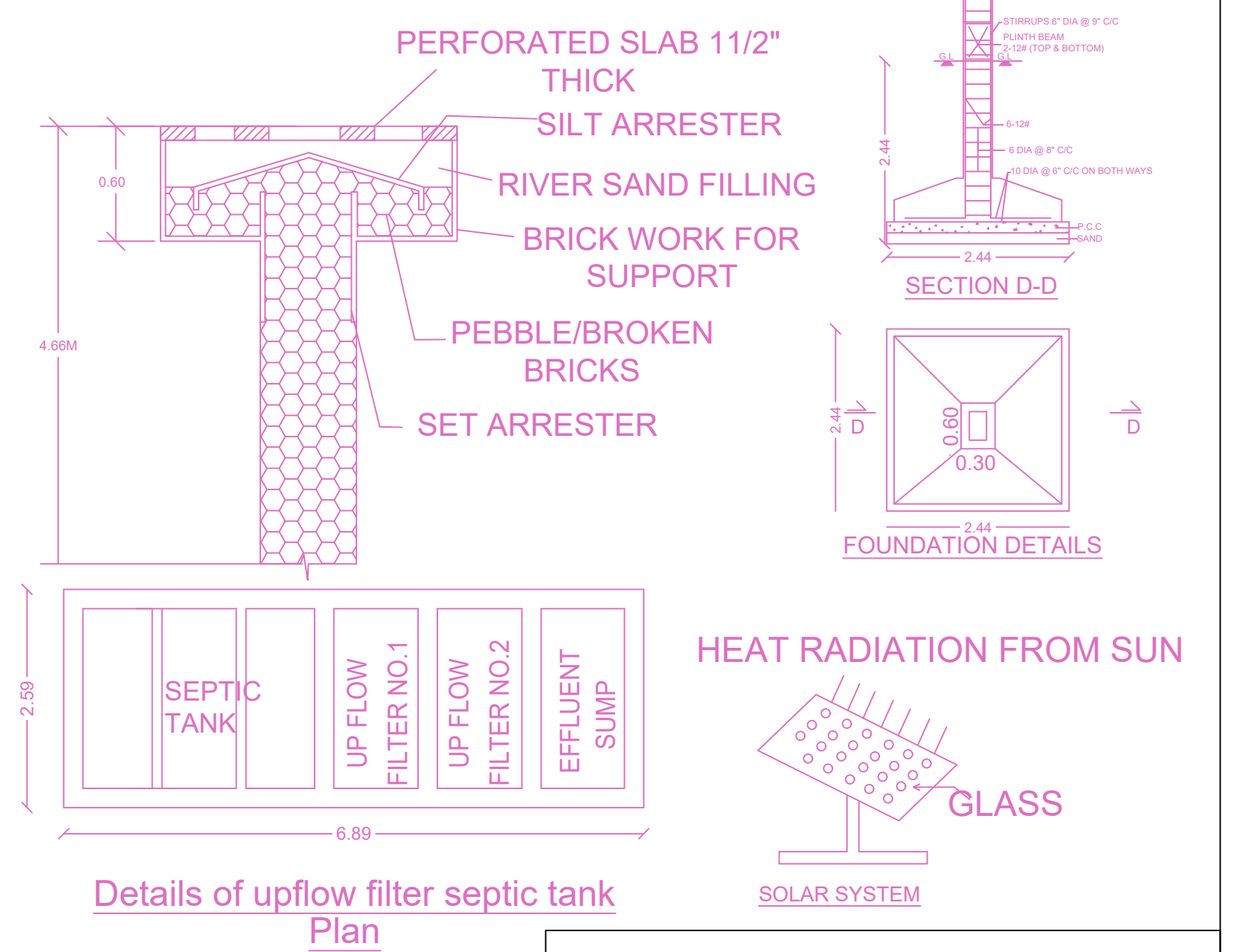
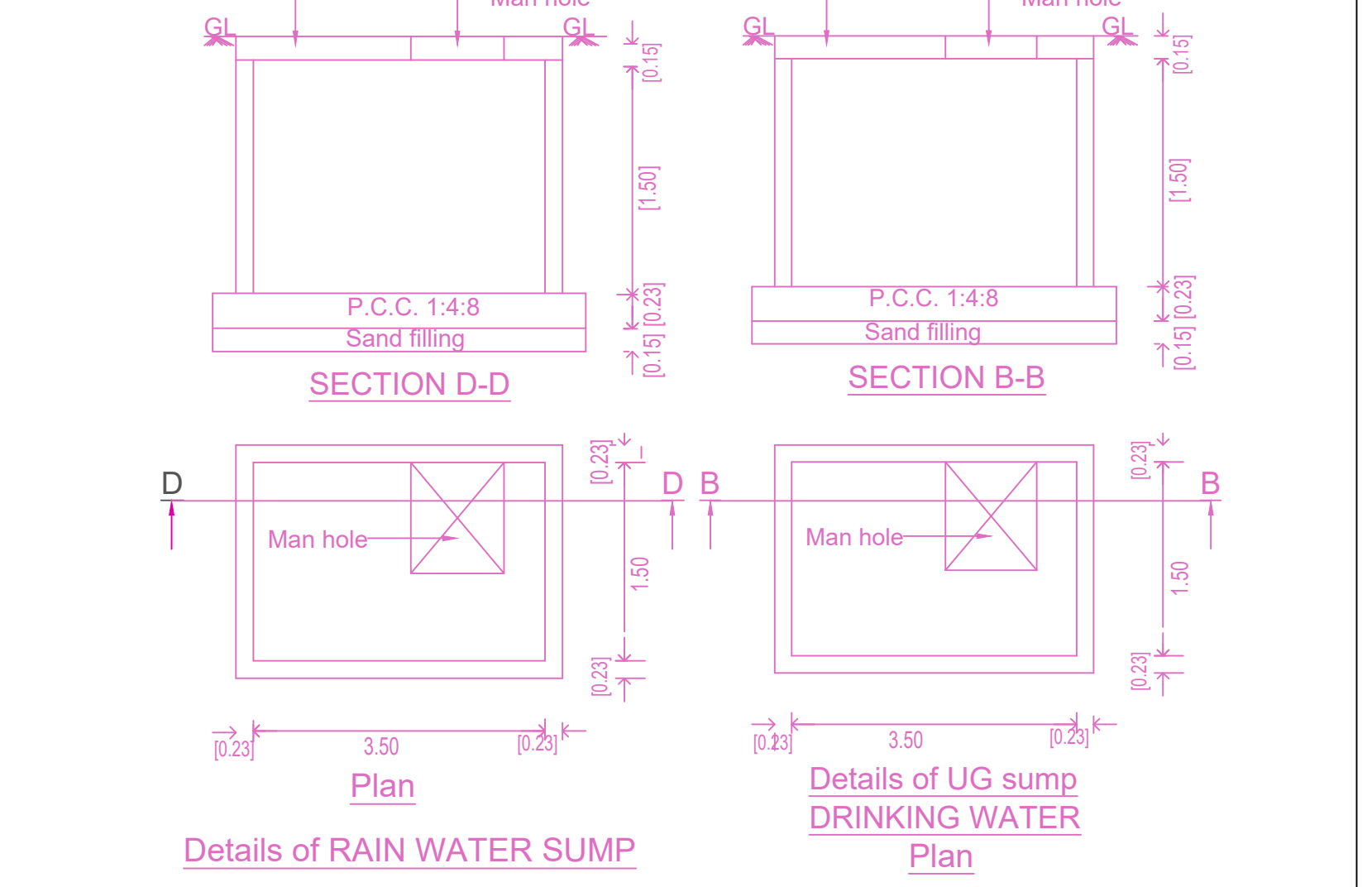
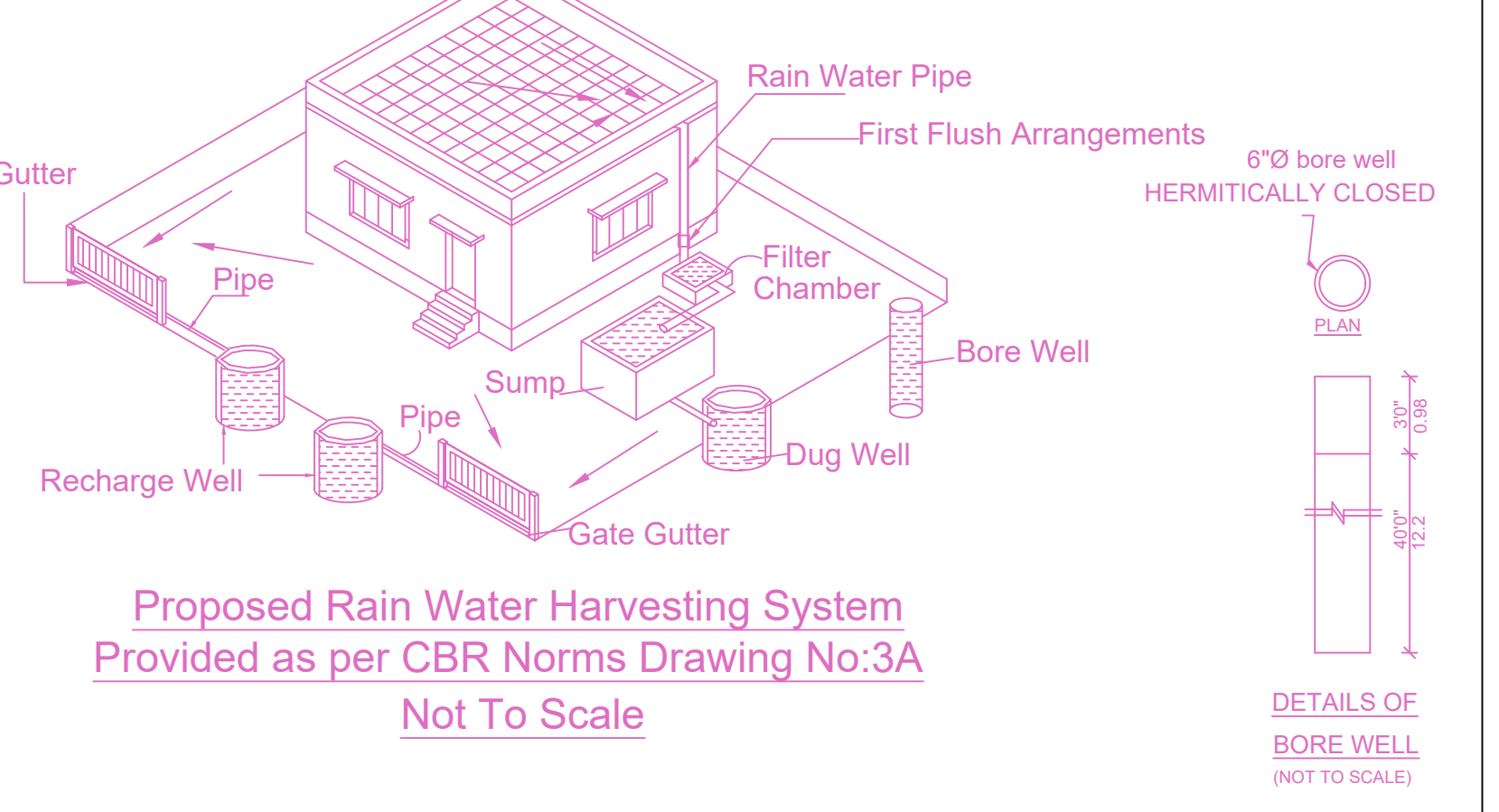
A) PARKING STATEMENT	REQUIRED	PROVIDED
VEHICLE		
LORRY	0	0
CAR	21	21
TWO WHEELER	54	54
CYCLE	0	0

FLOOR WISE FSI STATEMENT: NHRB (RESIDENTIAL)

FLOORS	COMA	RESL	IND	SPEC	DU	TOTAL FSI AREA
Terrace	0.00	0.00	0.00	0.00	0	0.00
FIFTH FLOOR	157.53	395.77	0.00	0.00	6	553.30
FOURTH FLOOR	157.53	395.77	0.00	0.00	6	553.30
THIRD FLOOR	157.53	395.77	0.00	0.00	6	553.30
SECOND FLOOR	157.53	395.77	0.00	0.00	6	553.30
FIRST FLOOR	157.53	395.77	0.00	0.00	6	553.30
STILT PARKING FLOOR	0.00	0.00	0.00	0.00	0	0.00
Total	787.65	1978.85	0.00	0.00	30	2766.50

BUILDING WISE FSI STATEMENT

BUILDING	NO OF SAME BUILDING	COMA	RESL	IND	SPEC	DU	TOTAL FSI AREA
NHRB-1 (RES.)	1	787.65	1978.85	0.00	0.00	30	2766.50
Total		787.65	1978.85	0.00	0.00	30	2766.50



APPROVAL CONDITION

SCALE: 1:100

CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY

APPROVED

SUBJECT TO THE CONDITIONS MENTIONED IN THIS OFFICE

