

SITE PLAN (Scale - 1:150)

DESIGN OF SEPTIC TANK

COMMERCIAL FLOOR AREA = 635.60 SQM
 NO OF USERS = 5 PERSONS
 FOR 50 SQM = 5 PERSONS
 FOR 635.60 SQM = 12.71 = 13.00
 NO. OF USERS PER UNITS OR NUMBERS = 13 X 5 = 65 PERSONS

NO OF FIXTURE UNITS: (PEAK FLOW- 6 LPMANO)
 SAY AS = 27 SQM.
 = 6X0.75X65 = 292.50 LPM

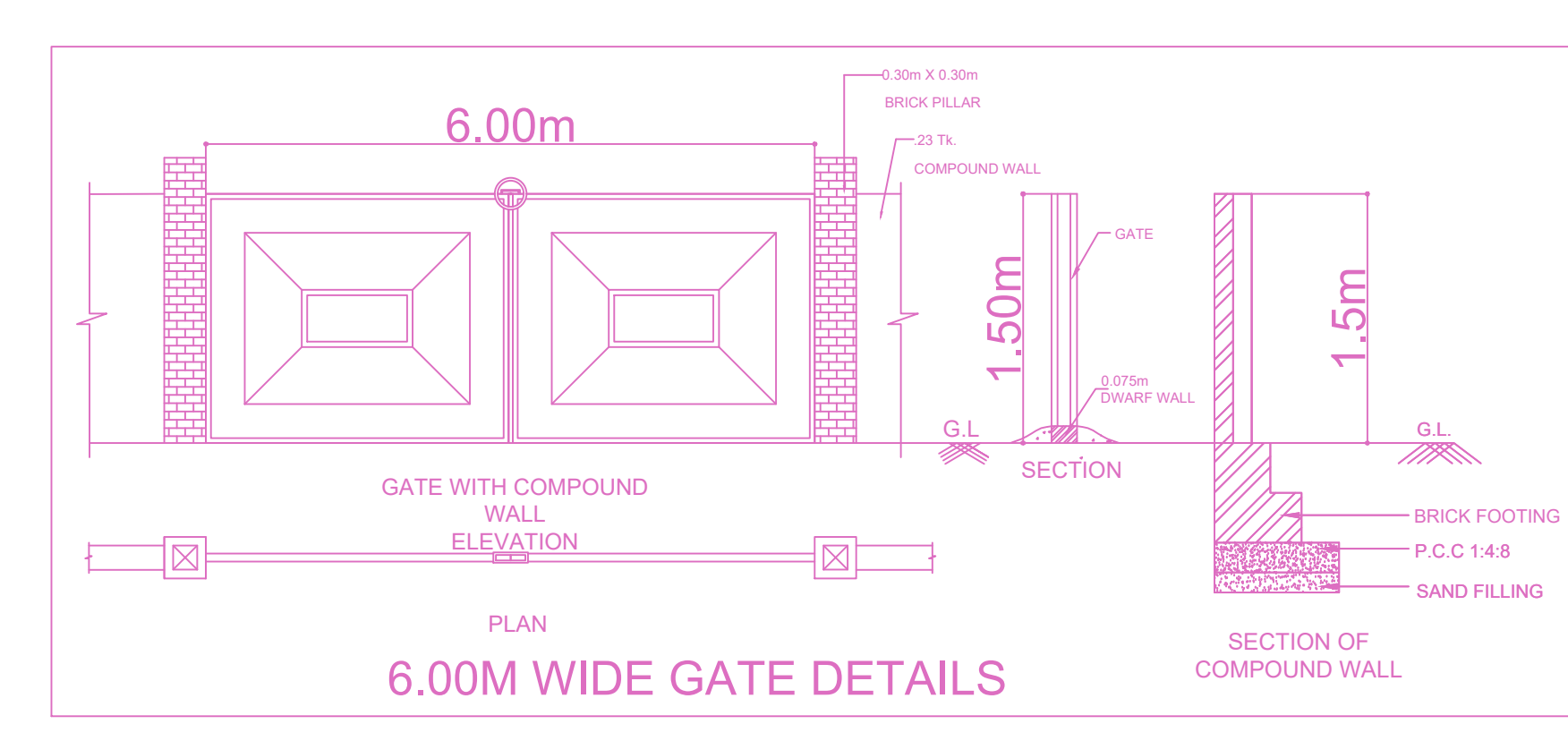
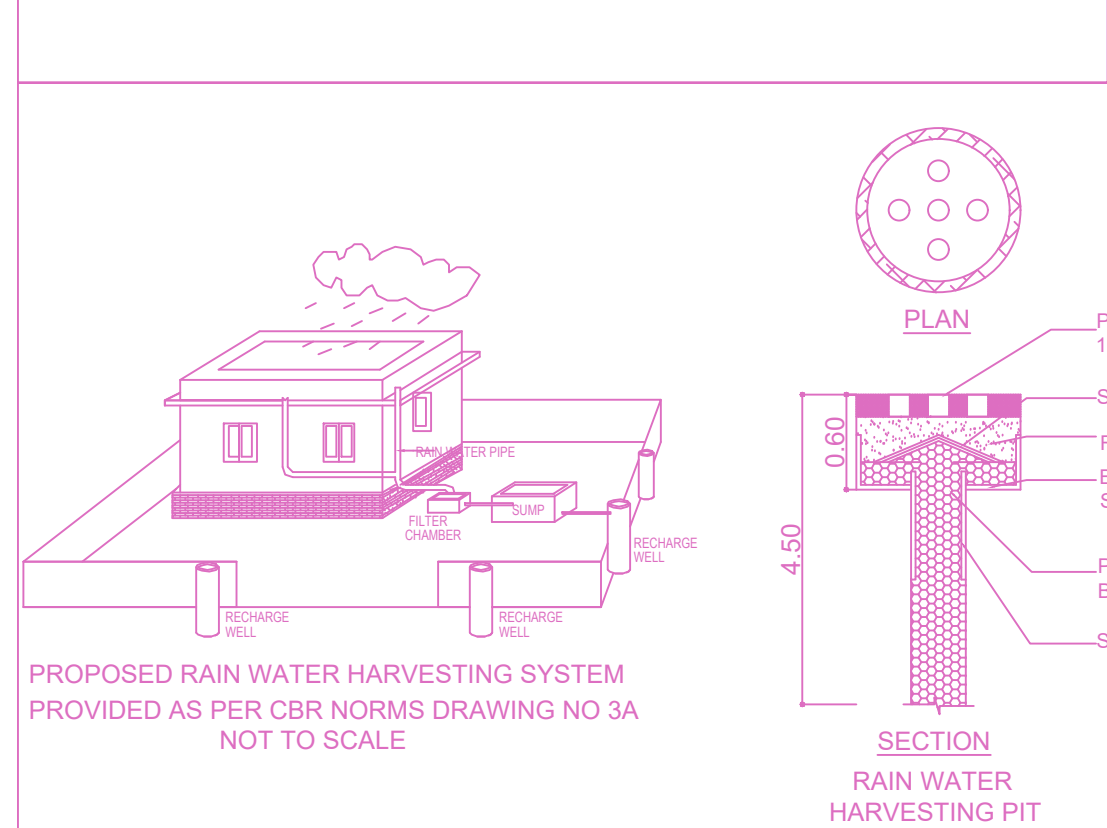
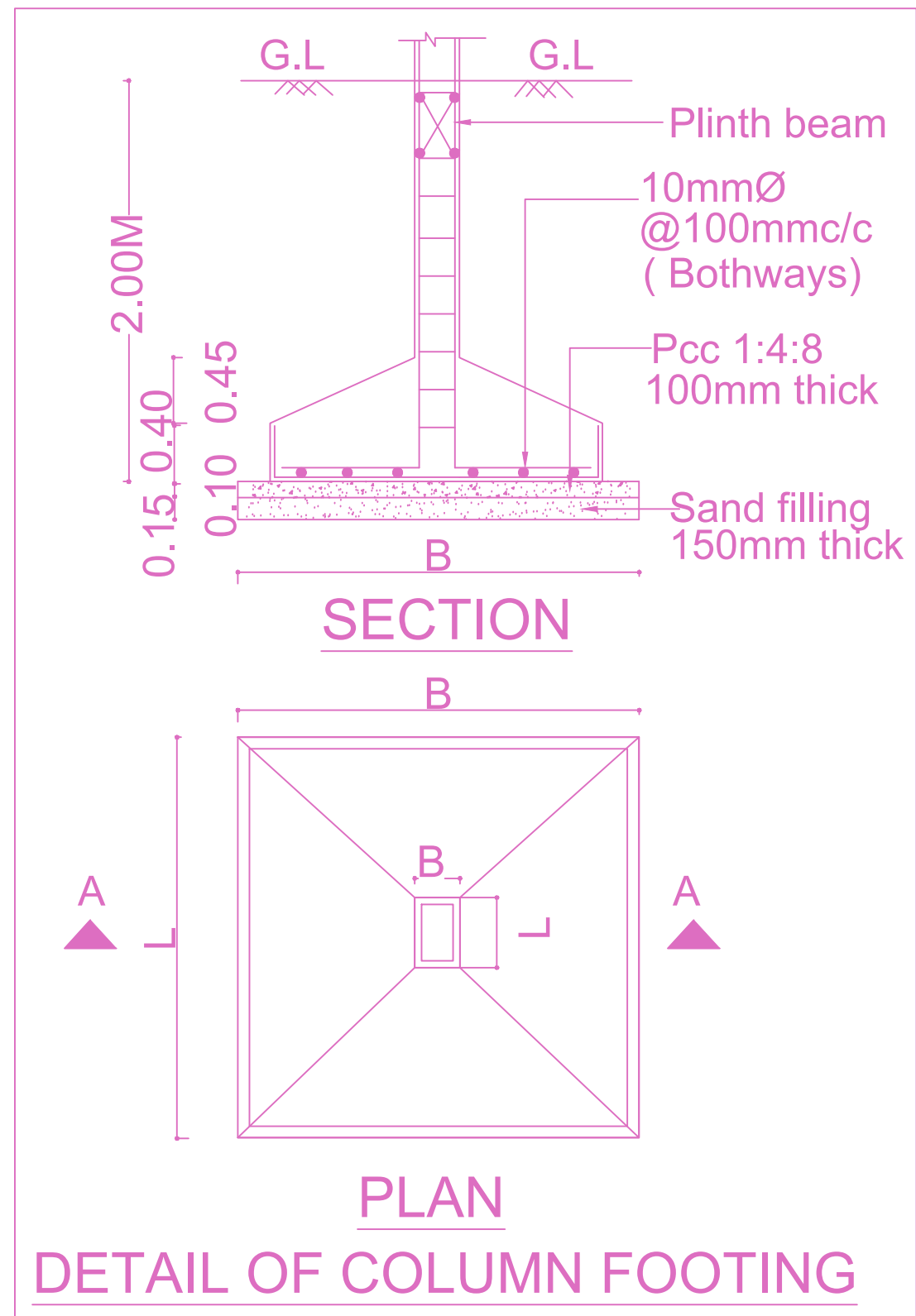
SURFACE AREA REQUIRED: (292.50X0.92)10 = 26.91 SQM
 SAY AS = 27 SQM.

VOLUME OF FREE BOARD: 27.00X0.3 = 8.10 CUM
 VOLUME OF SEDIMENTATION: 27.00X0.3 = 8.10 CUM
 VOLUME OF DIGESTION: 27.00X0.03 = 0.81 CUM
 VOLUME OF SLUDGE: 27.00X120/0002 = 1.62 CUM
 TOTAL VOLUME = 18.943 CUM
 DEPTH = 27.00/18.943 = 1.425 M

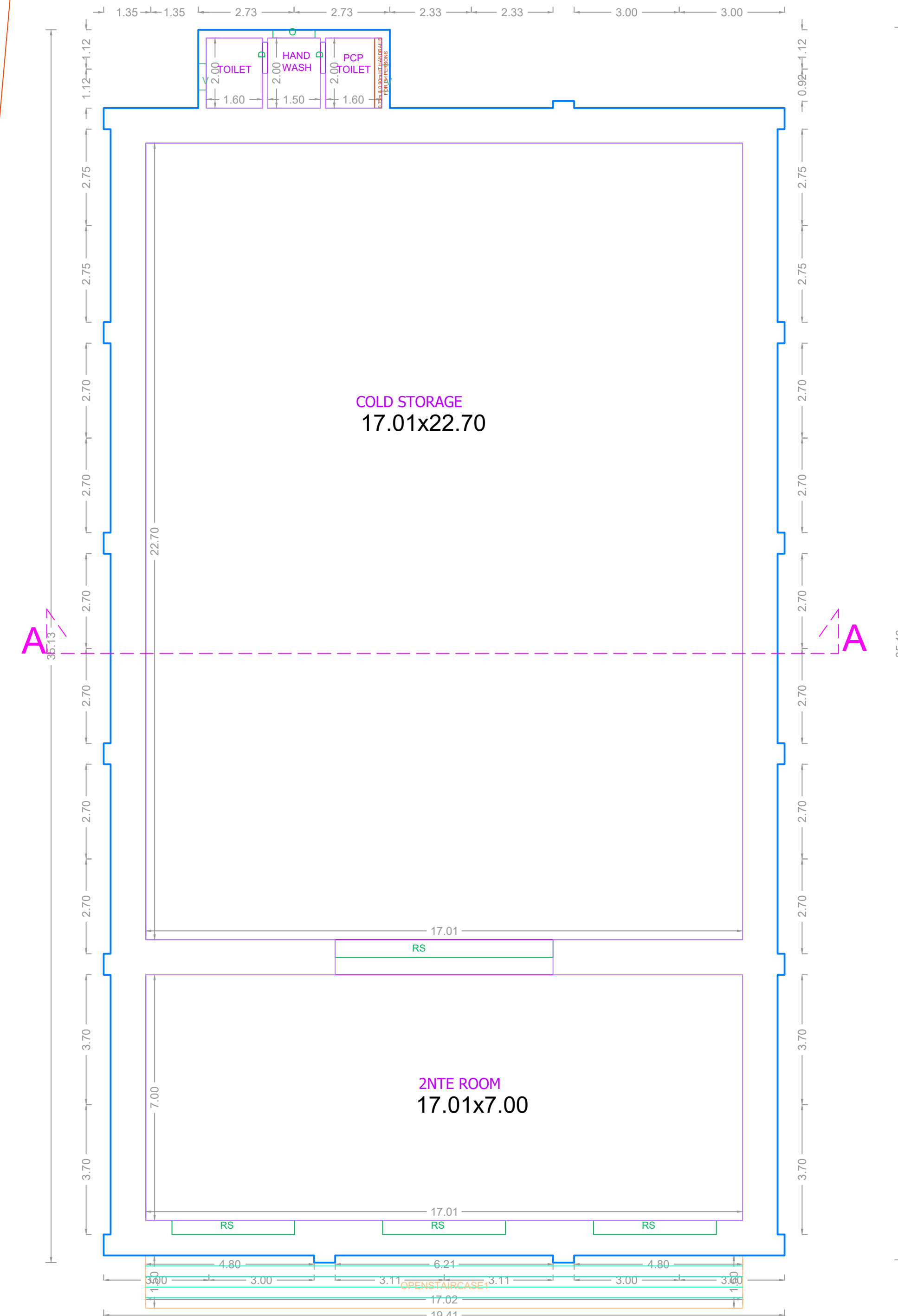
PROVIDED DEPTH - 2.00M
 SIZE OF THE SEPTIC TANK - 3.00M X 1.75M X 2.00M

DESIGN OF UP-FLOW FILTER

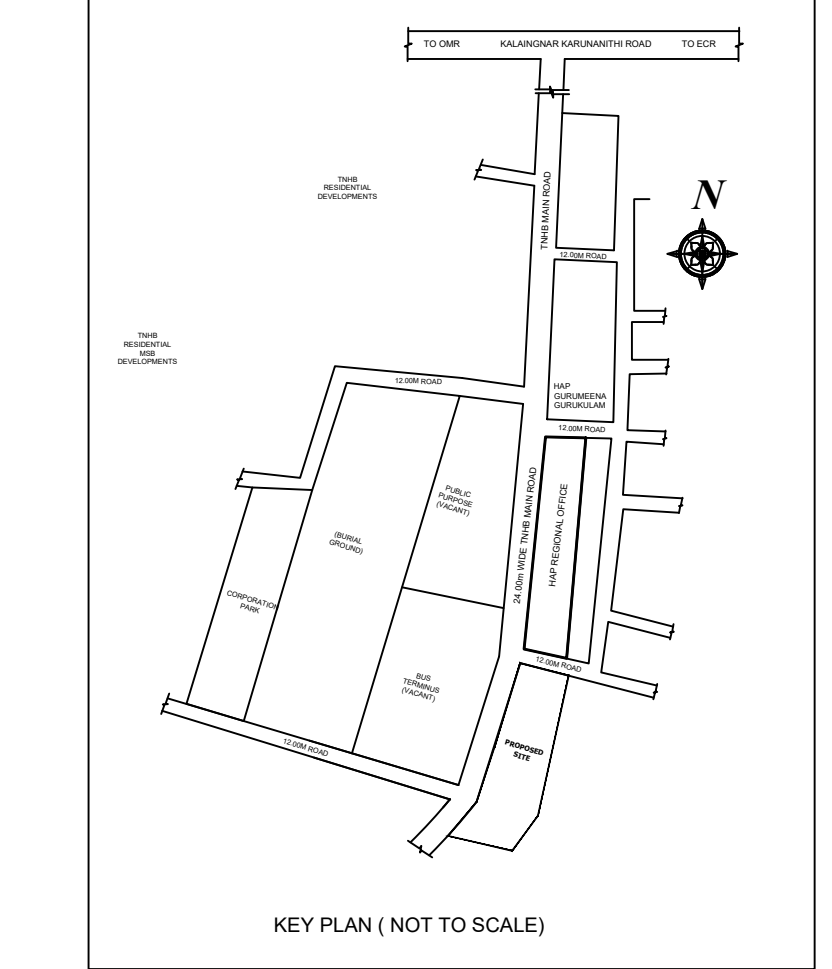
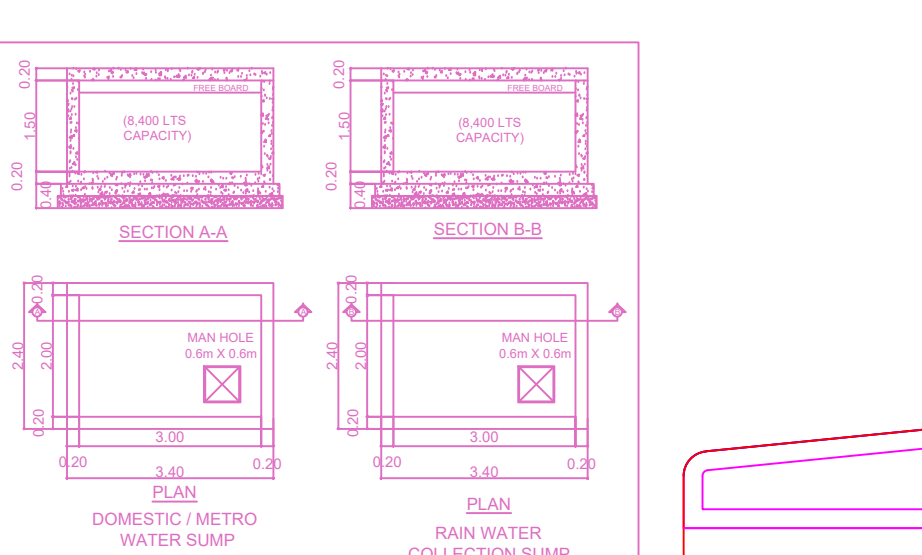
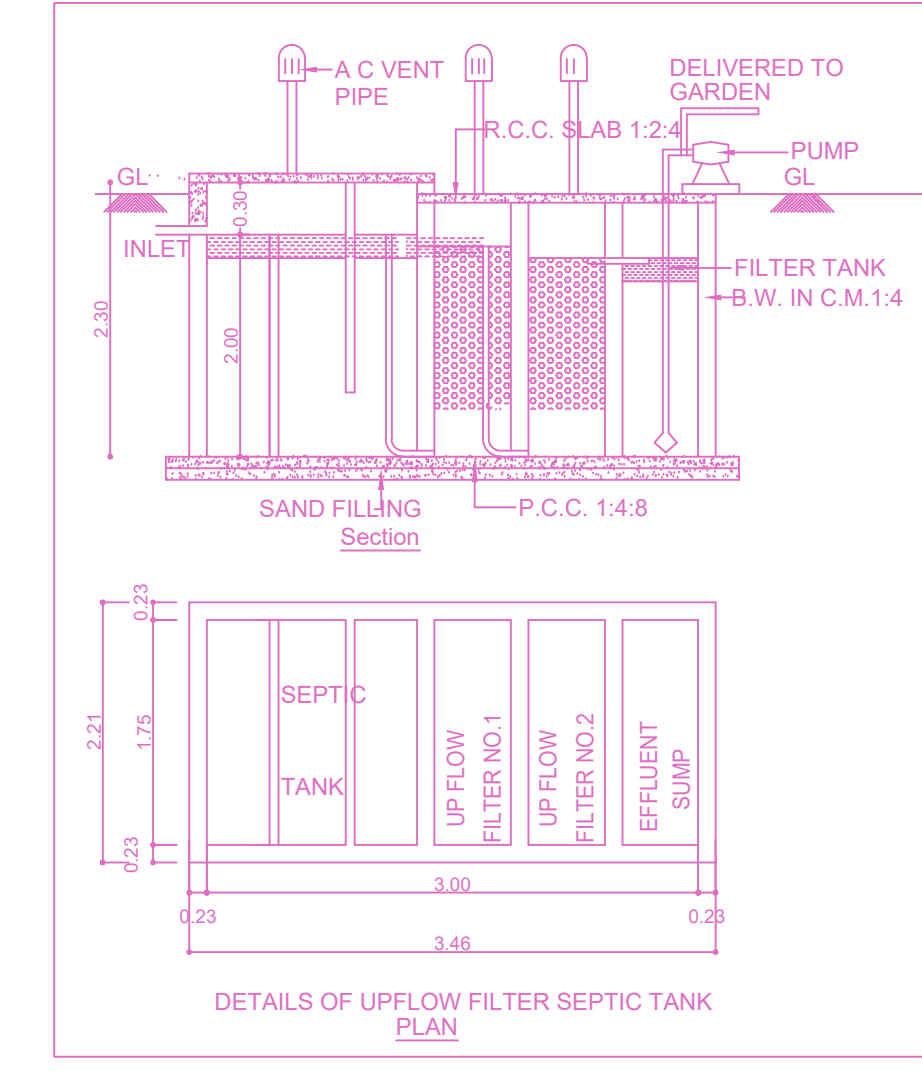
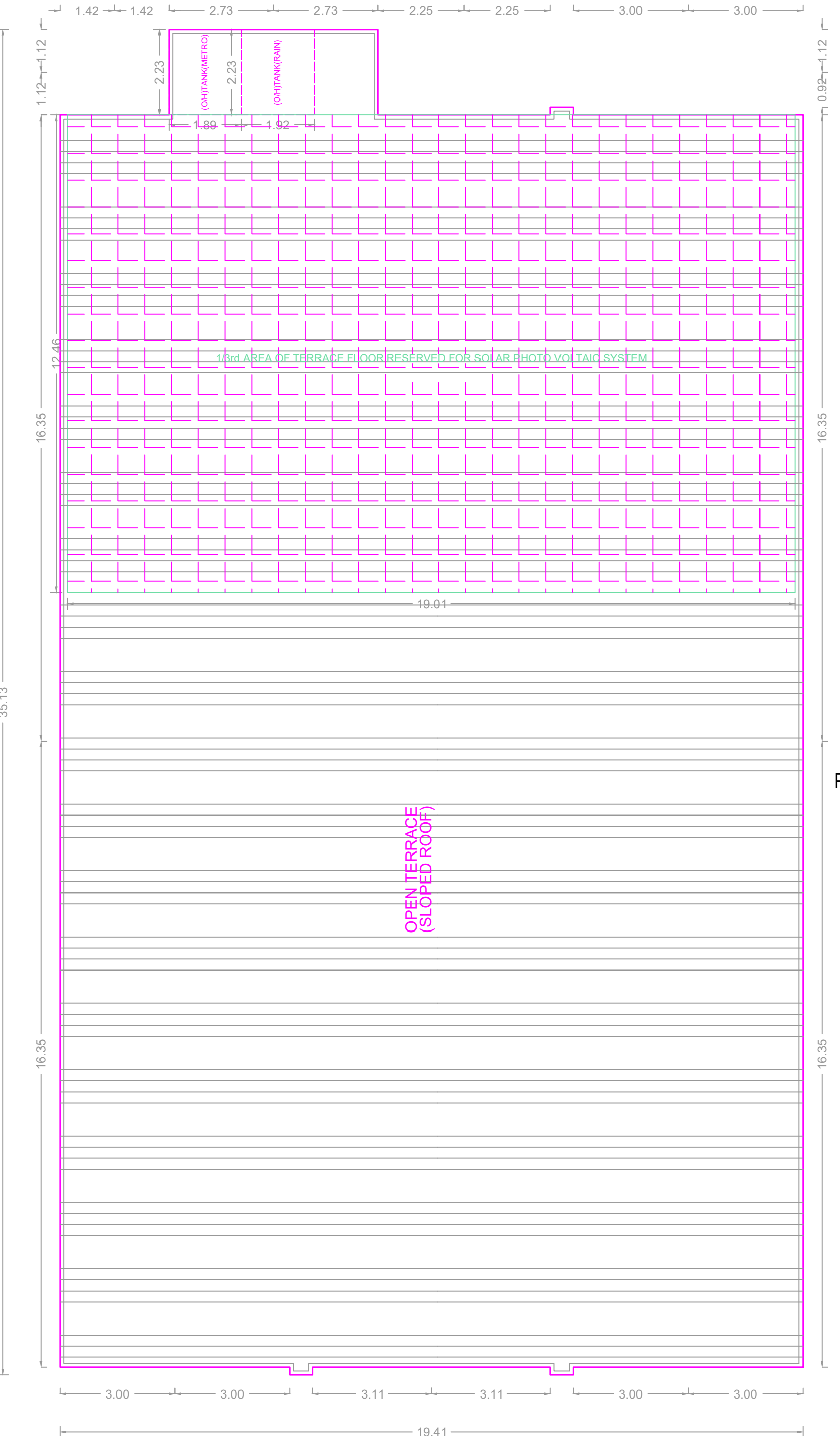
PEAK GRAVITY: 65 X 0.045 = 2.9 CUM
 ASSUME DEPTH = 0.75M
 AREA REQUIRED: 1.8X1.8 = 3.24 SQM
 SIZE OF UPFLOW: 1.8X2.5 = 4.5 SQM
 FILTER-1: 0.84 X2.5
 FILTER-2: 0.84 X2.5



GROUND FLOOR PLAN
SITE PLAN (Scale - 1:100)



TERRACE FLOOR PLAN
SITE PLAN (Scale - 1:100)

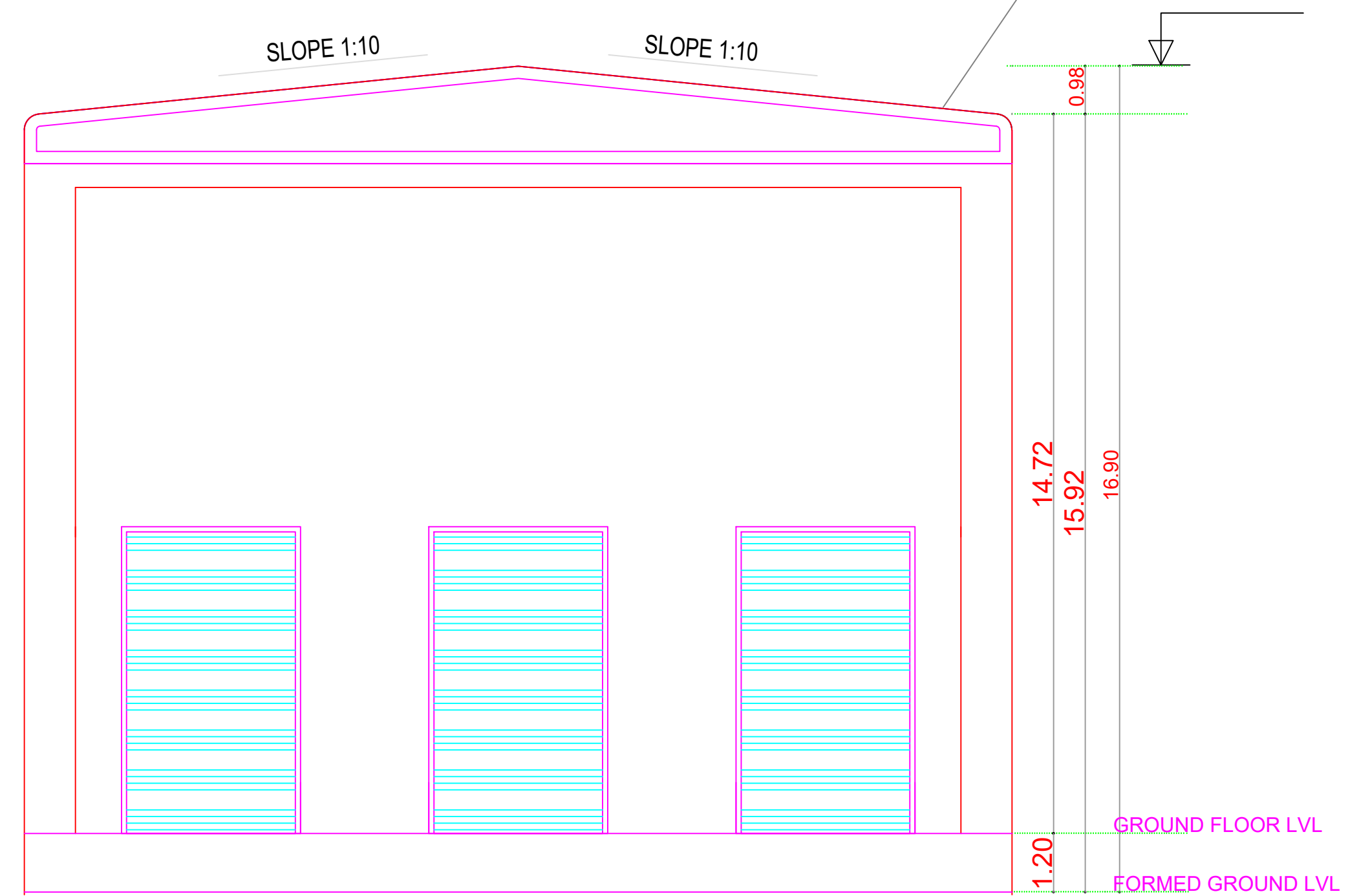


PLAN SHOWING THE PROPOSED CONSTRUCTION OF GROUND FLOOR COMMERCIAL COLD STORAGE BUILDING (MEGA FROZEN FOR DAIRY PRODUCTS) WITH HEIGHT 16.90M AT COMMERCIAL PLOT NO.13 (T.NHB APPROVED LAYOUT). T.NHB SHOULINGANALLUR NEIGHBOURHOOD SCHEME, SHOULINGANALLUR, CHENNAI-600 119 AND COMPRISED IN OLD S.NO. 235 (PART) & 236 (PART), AS PER PATTI NEW S.NO. 235/25 & 236/25 AT TD OF SHOULINGANALLUR VILAGE, SHOULINGANALLUR TALUK AND WITHIN THE LIMIT OF GREATER CHENNAI CORPORATION.

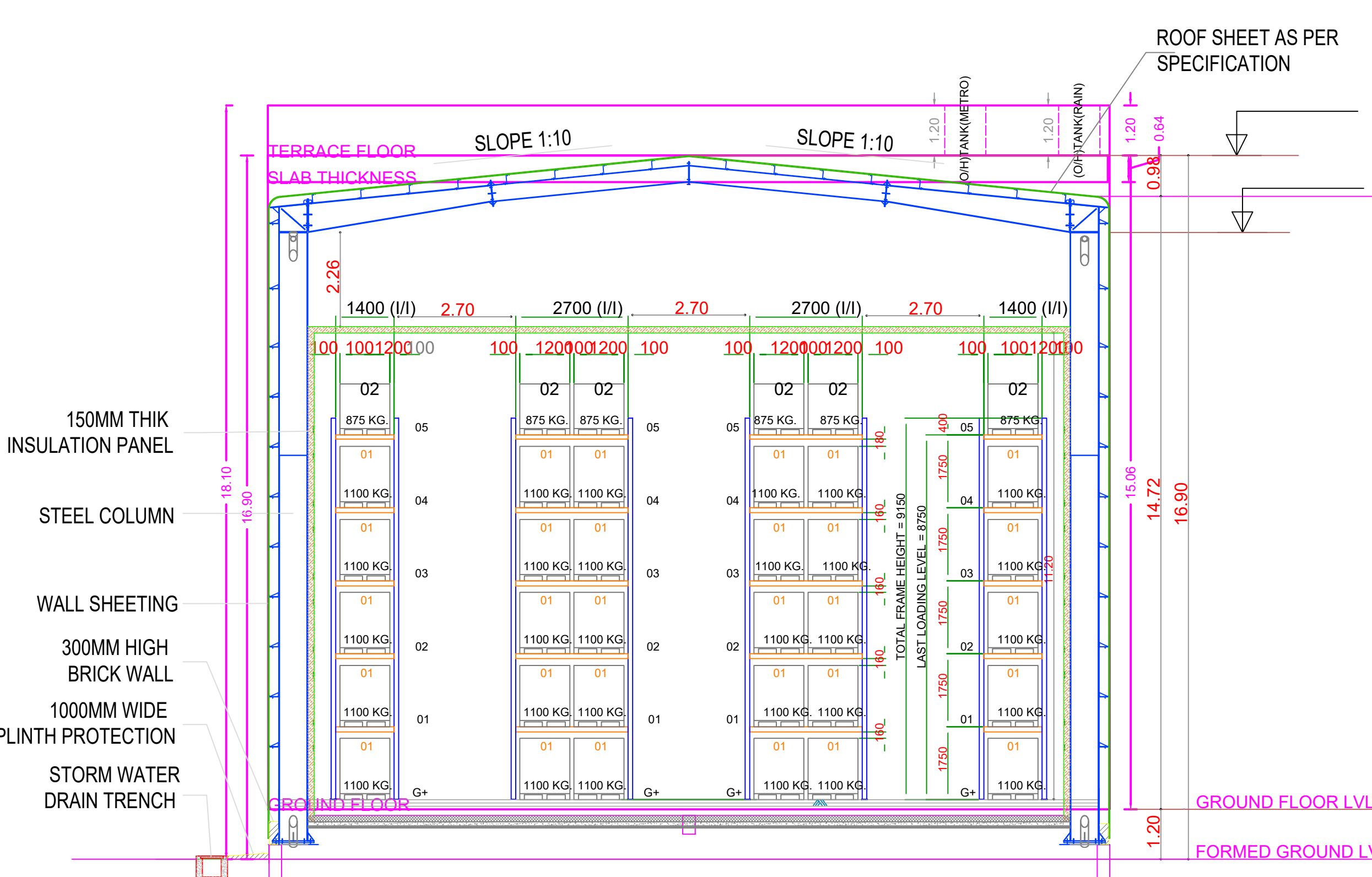
A) AREA STATEMENT	SQ.M.
AREA AS PER PATTI	4200.00
AREA AS PER DOCUMENT	4092.82
AREA CONSIDERED FOR FSI	4092.82
STREET ALIGNMENT ROAD WIDENING LINK ROAD	0.00
OSR AREA	0.00
TOTAL FSI AREA	635.60
FSI FACTOR	0.155
COVERAGE AREA (PERCENTAGE %)	NA

A) PARKING STATEMENT	REQUIRED	PROVIDED
VEHICLE		
LORRY	2	4
CAR	0	4
TWO WHEELER	0	12
CYCLE	-	9

NOTE:-
 CMDA APPROVED LAYOUT PPD/L.O.(T.NHB) NO. 11/2001 APPROVED VIDE LETTER NO. L2/29440/1999 DATED 28.09.2001



ELEVATION



SECTION A-A

FLOOR WISE FSI STATEMENT: A (COLD STORAGE)

FLOORS	FSI AREA				DU	TOTAL FSI AREA
	COMM.	RESI.	IND.	INST.		
GROUND FLOOR	635.60	0.00	0.00	0.00	0	635.60
Terrace	0.00	0.00	0.00	0.00	0	0.00
Total	635.60	0.00	0.00	0.00	0	635.60

BUILDING WISE FSI STATEMENT

BUILDING	NO OF SAME BUILDING	FSI AREA				DU	TOTAL FSI AREA
		COMM.	RESI.	IND.	INST.		
A-1 (COLD S...)	1	635.60	0.00	0.00	0.00	0	635.60
Total	1	635.60	0.00	0.00	0.00	0	635.60

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. 9688

QR CODE