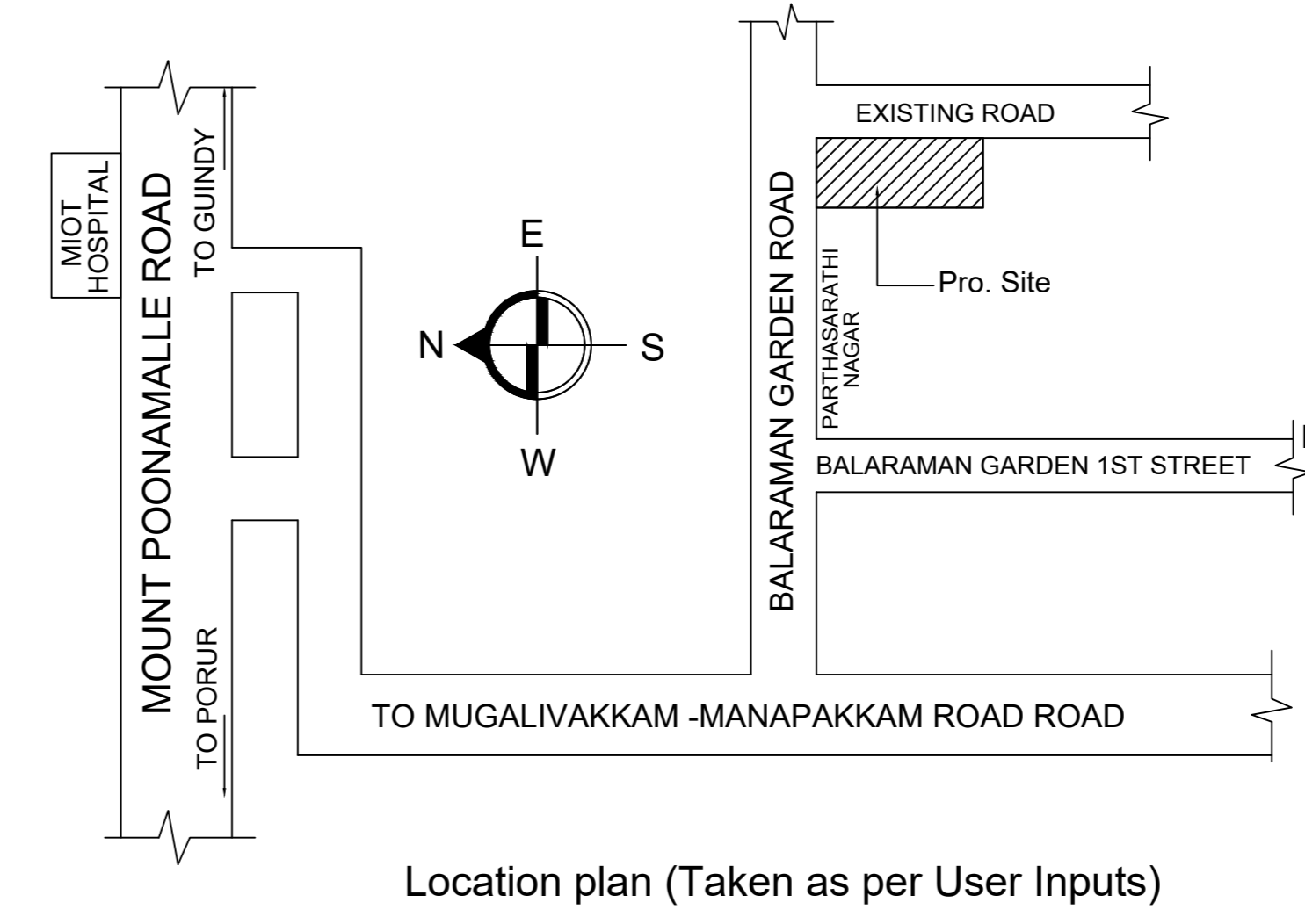


SITE PLAN

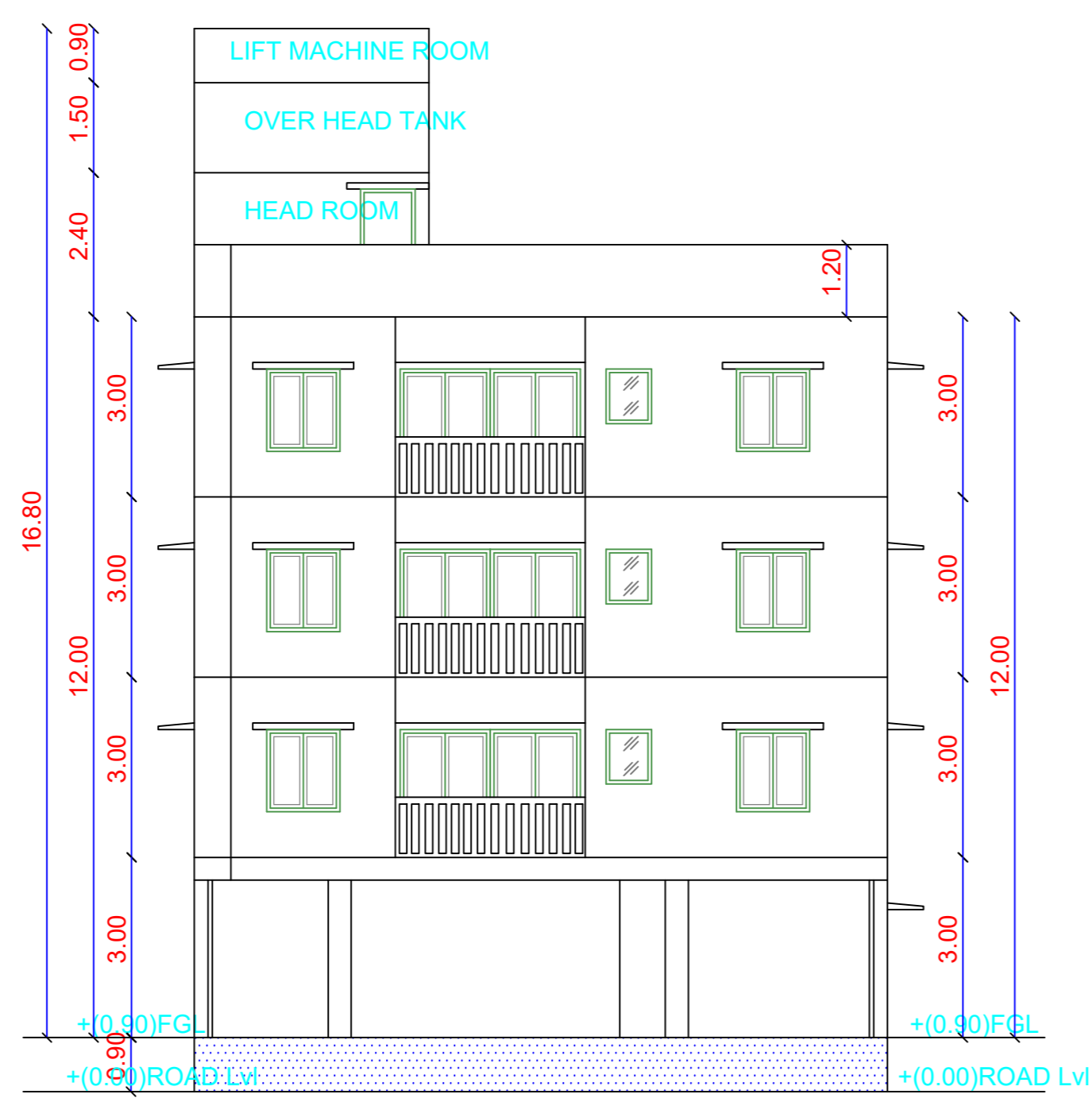
PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT FLOOR + 2 FLOORS + 3RD FLOOR (PART) RESIDENTIAL WITH 16 DWELLING UNITS AT PLOT NO.A AS PER GCC APPROVED SUBDIVISION, BALARAMAN GARDEN ROAD, MANAPAKKAM, CHENNAI IN S.NO. 32/1B10A (PART), 32/1B10B (PART), 32/1B10C (PART) & 32/1B10D OF MANAPAKKAM VILLAGE WITHIN THE LIMIT OF GREATER CHENNAI CORPORATION.

| A) AREA STATEMENT                         | SQ.M.   |
|---|---------|
| AREA AS PER PATTA                         | 1430.00 |
| AREA AS PER DOCUMENT                      | 785.44  |
| AREA CONSIDERED FOR FSI                   | 785.44  |
| STREET ALIGNMENT/ ROAD WIDENING/LINK ROAD | 0.00    |
| OSR AREA                                  | 0.00    |
| TOTAL FSI AREA                            | 1569.97 |
| FSI FACTOR                                | 1.999   |
| COVERAGE AREA (PERCENTAGE %)              | NA      |

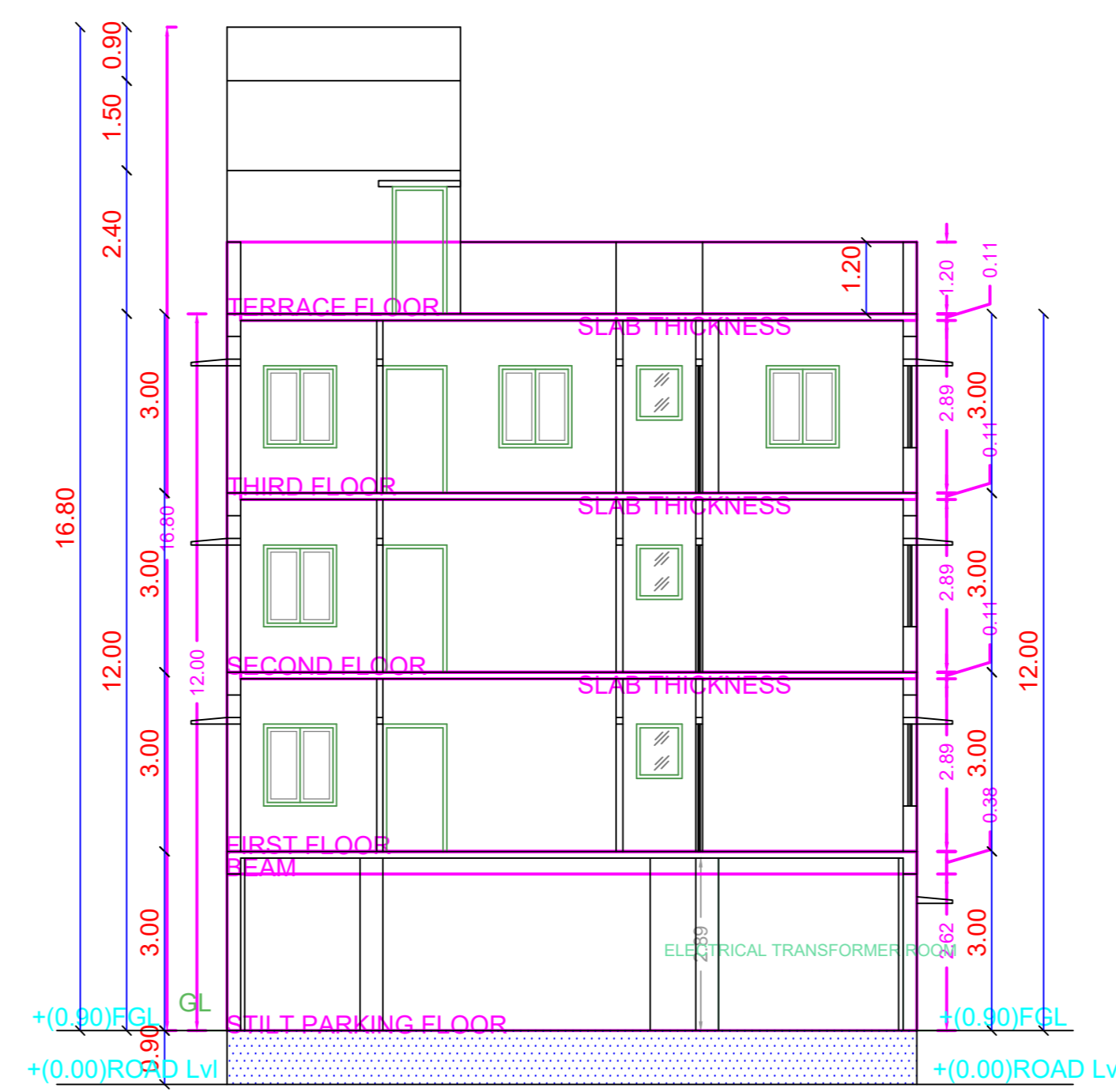
| A) PARKING STATEMENT |          |          |
|----------------------|----------|----------|
| VEHICLE              | REQUIRED | PROVIDED |
| LORRY                | 0        | 0        |
| CAR                  | 17       | 17       |
| TWO WHEELER          | 2        | 15       |
| CYCLE                | 0        | 0        |



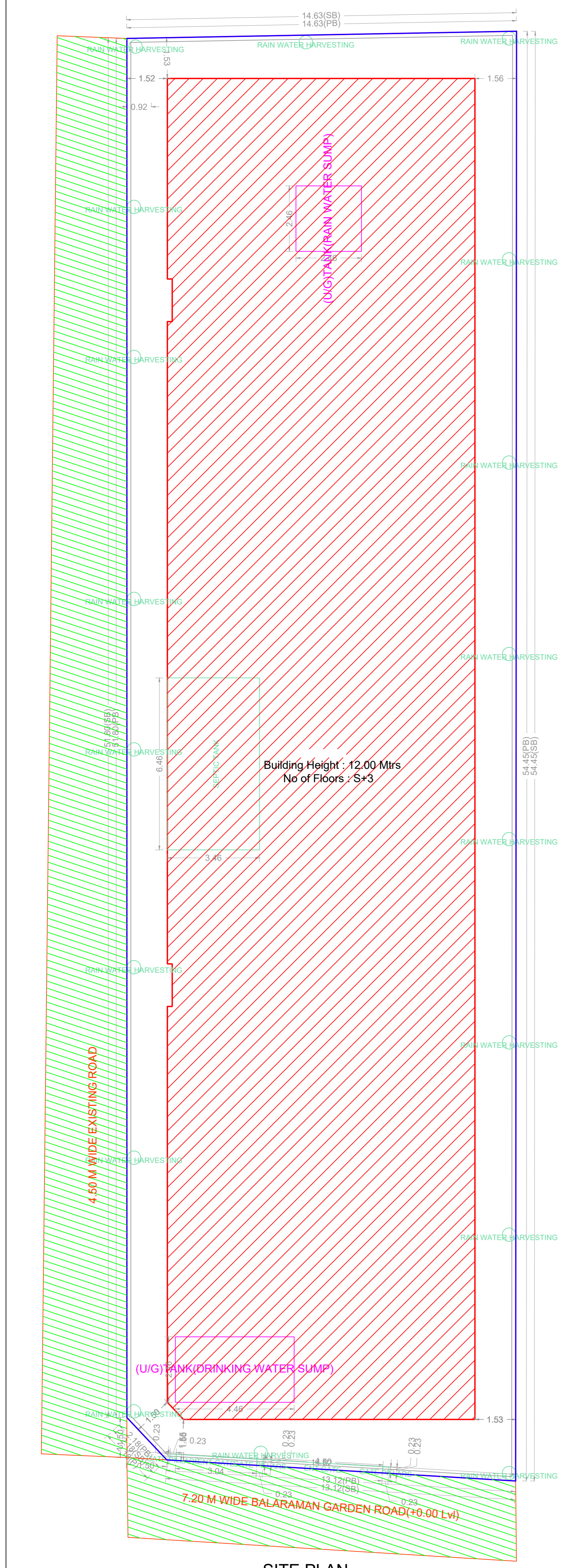
Location plan (Taken as per User Inputs)



ELEVATION



SECTION A-A



SITE PLAN

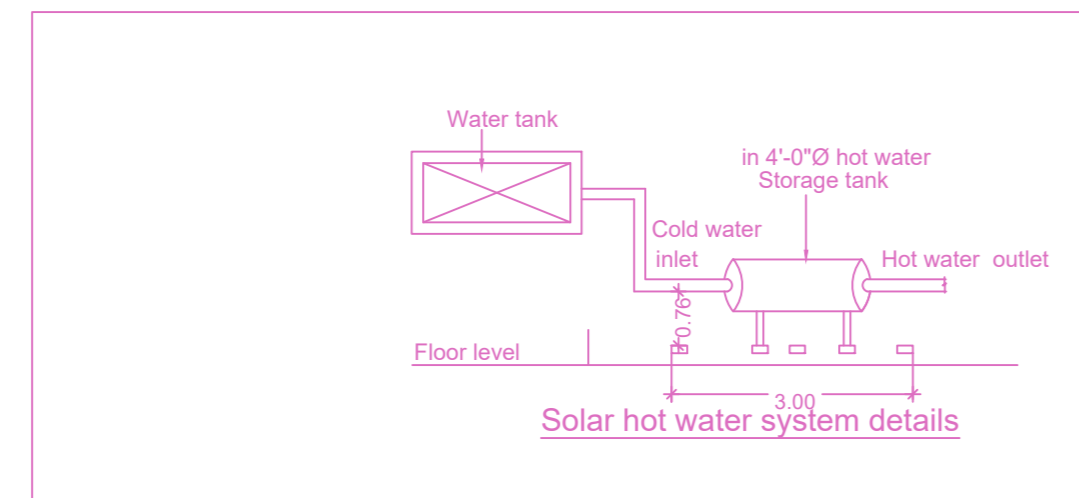
BUILDING WISE FSI STATEMENT

| BUILDING      | NO OF SAME BUILDING | FSI AREA |         |      |       | DU | TOTAL FSI AREA |
|---------------|---------------------|----------|---------|------|-------|----|----------------|
|               |                     | COMM.    | RESI.   | IND. | SPEC. |    |                |
| NHRB-1 (RESI) |                     | 0.00     | 1569.97 | 0.00 | 0.00  | 16 | 1569.97        |
| Total         |                     | 0.00     | 1569.97 | 0.00 | 0.00  | 16 | 1569.97        |

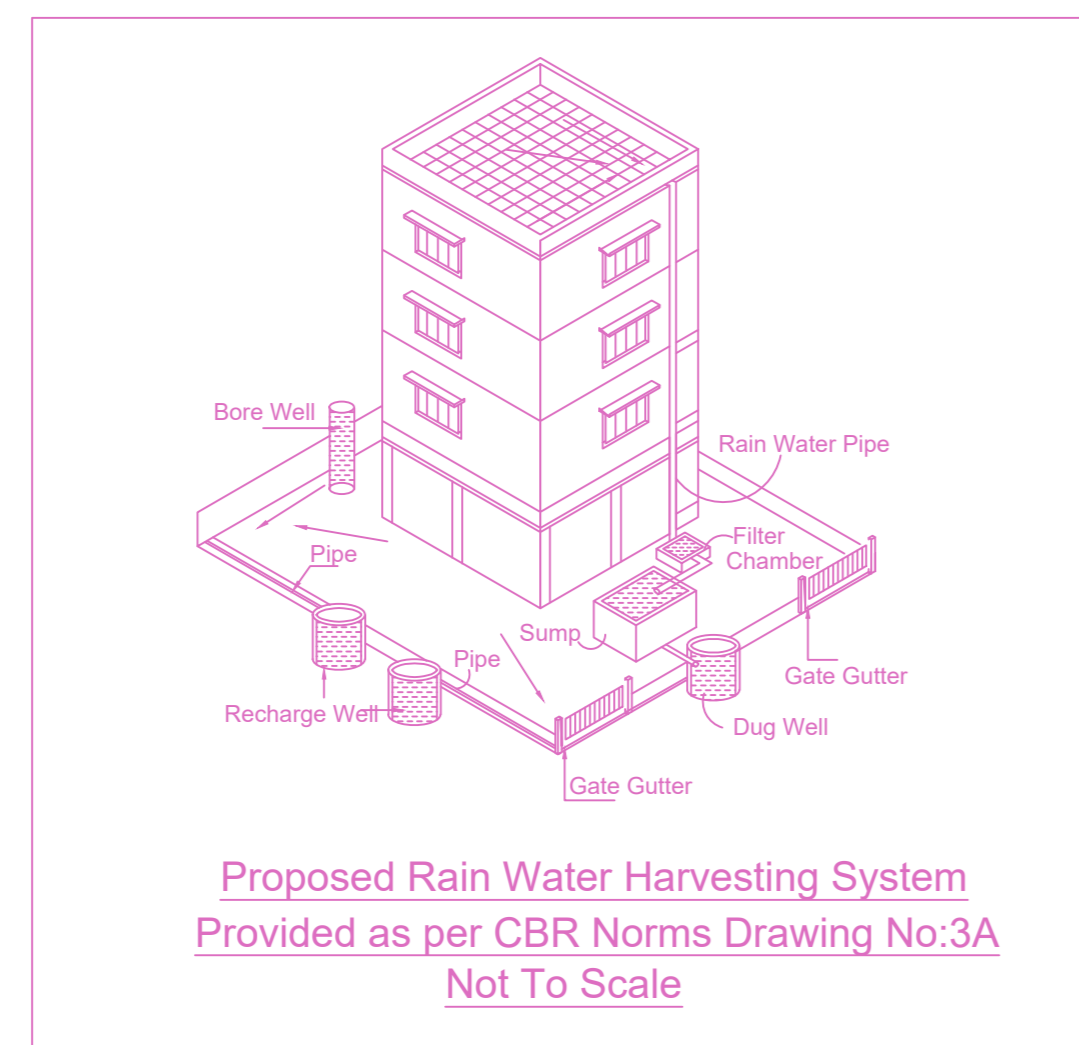
FLOOR WISE FSI STATEMENT: NHRB (RESI)

| FLOORS              | FSI AREA |         |      |       | DU | TOTAL FSI AREA |
|---------------------|----------|---------|------|-------|----|----------------|
|                     | COMM.    | RESI.   | IND. | SPEC. |    |                |
| Terrace             | 0.00     | 0.00    | 0.00 | 0.00  | 0  | 0.00           |
| THIRD FLOOR         | 0.00     | 419.96  | 0.00 | 0.00  | 4  | 419.96         |
| SECOND FLOOR        | 0.00     | 560.60  | 0.00 | 0.00  | 6  | 560.60         |
| FIRST FLOOR         | 0.00     | 560.60  | 0.00 | 0.00  | 6  | 560.60         |
| STILT PARKING FLOOR | 0.00     | 28.81   | 0.00 | 0.00  | 0  | 28.81          |
| Total               | 0.00     | 1569.97 | 0.00 | 0.00  | 16 | 1569.97        |

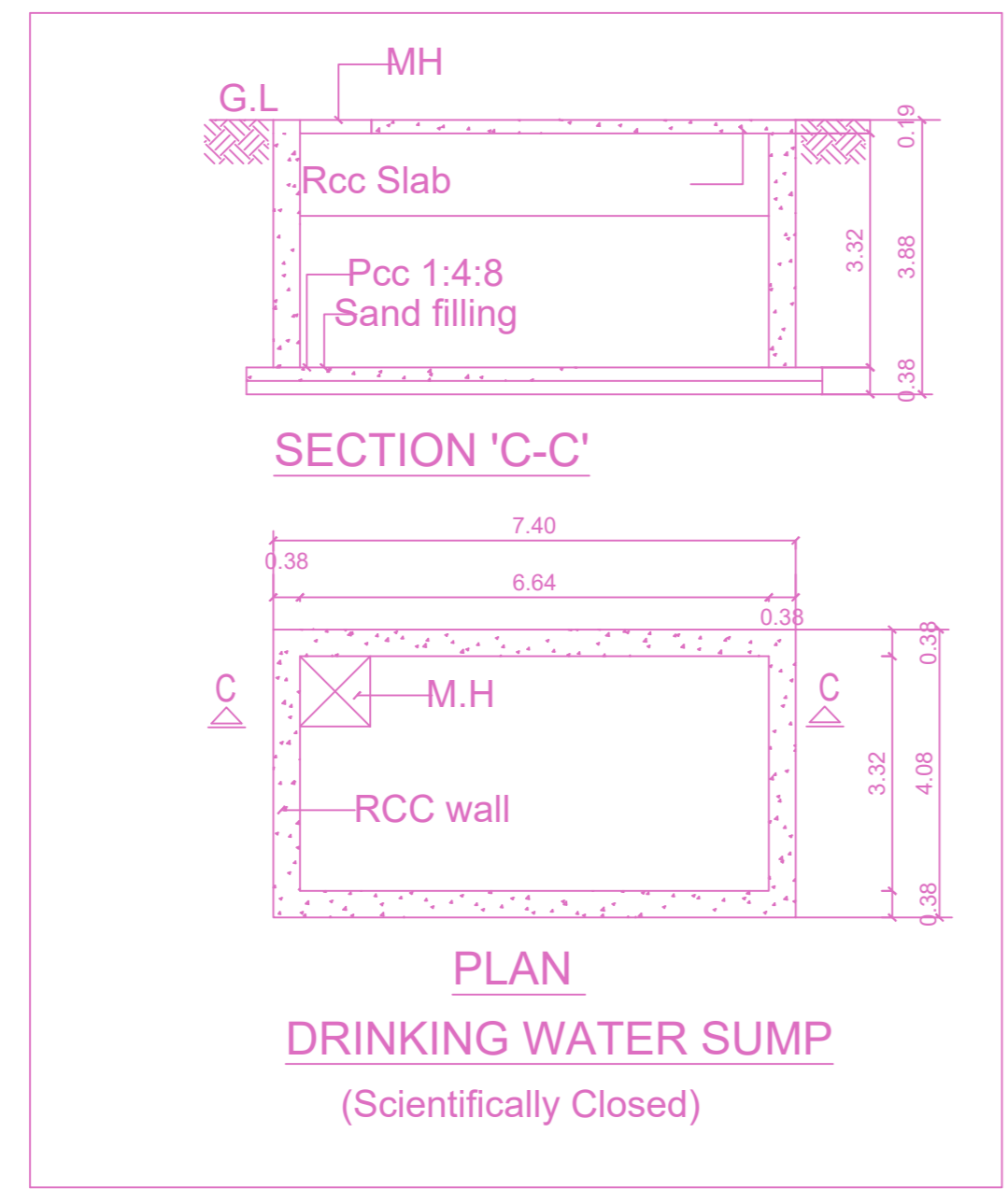
**NOTE:**  
REGULARIZATION APPROVED VIDE:  
RL/WDCN12/00576/2022, PERMIT NO:0788/2022, DATED:26-4-22  
RL/WDCN12/00577/2022, PERMIT NO:0787/2022, DATED:26-4-22  
RL/WDCN12/00575/2022, PERMIT NO:0786/2022, DATED:26-4-22  
RL/WDCN12/00573/2022, PERMIT NO:0785/2022, DATED:26-4-22



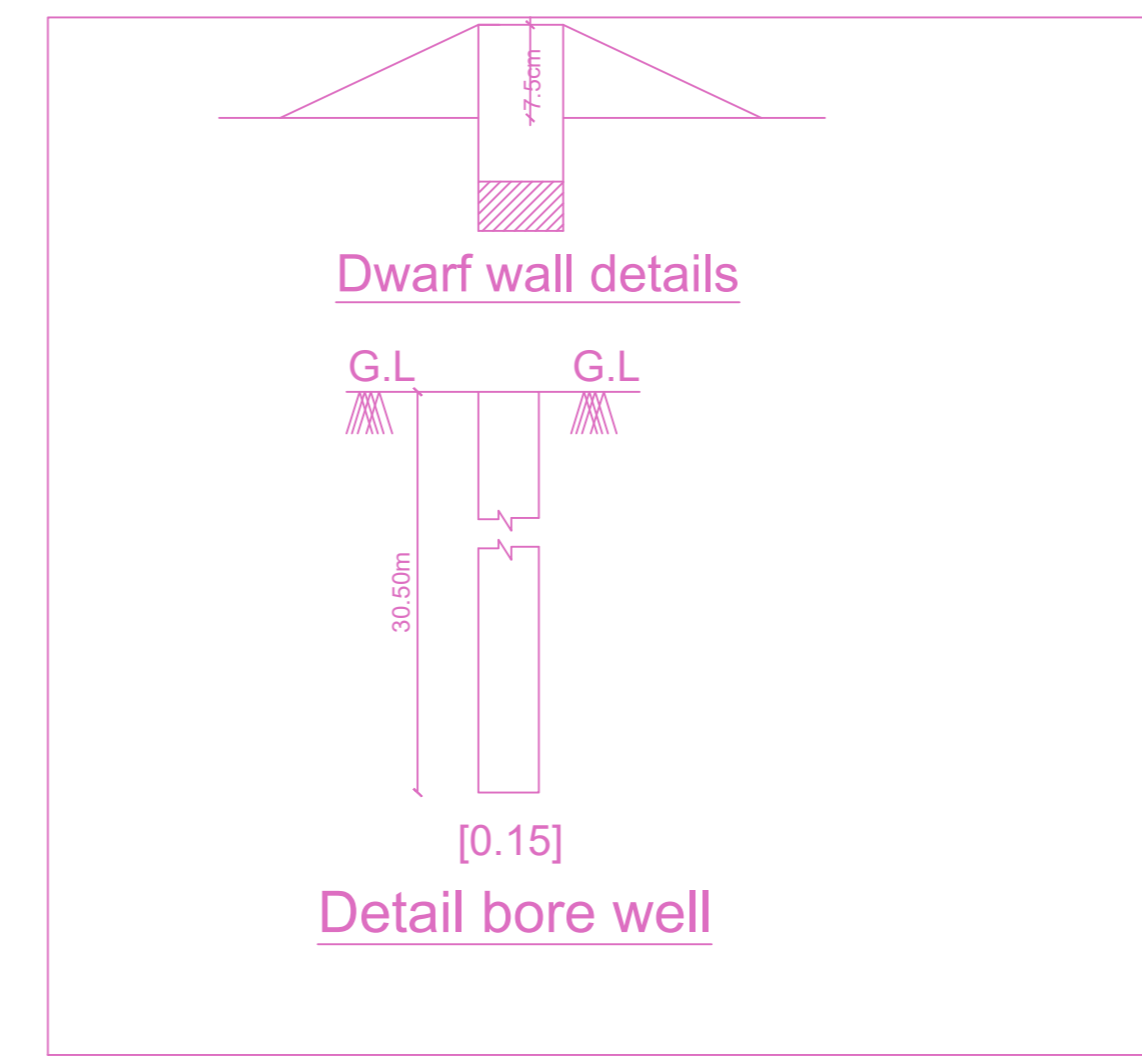
Solar hot water system details



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

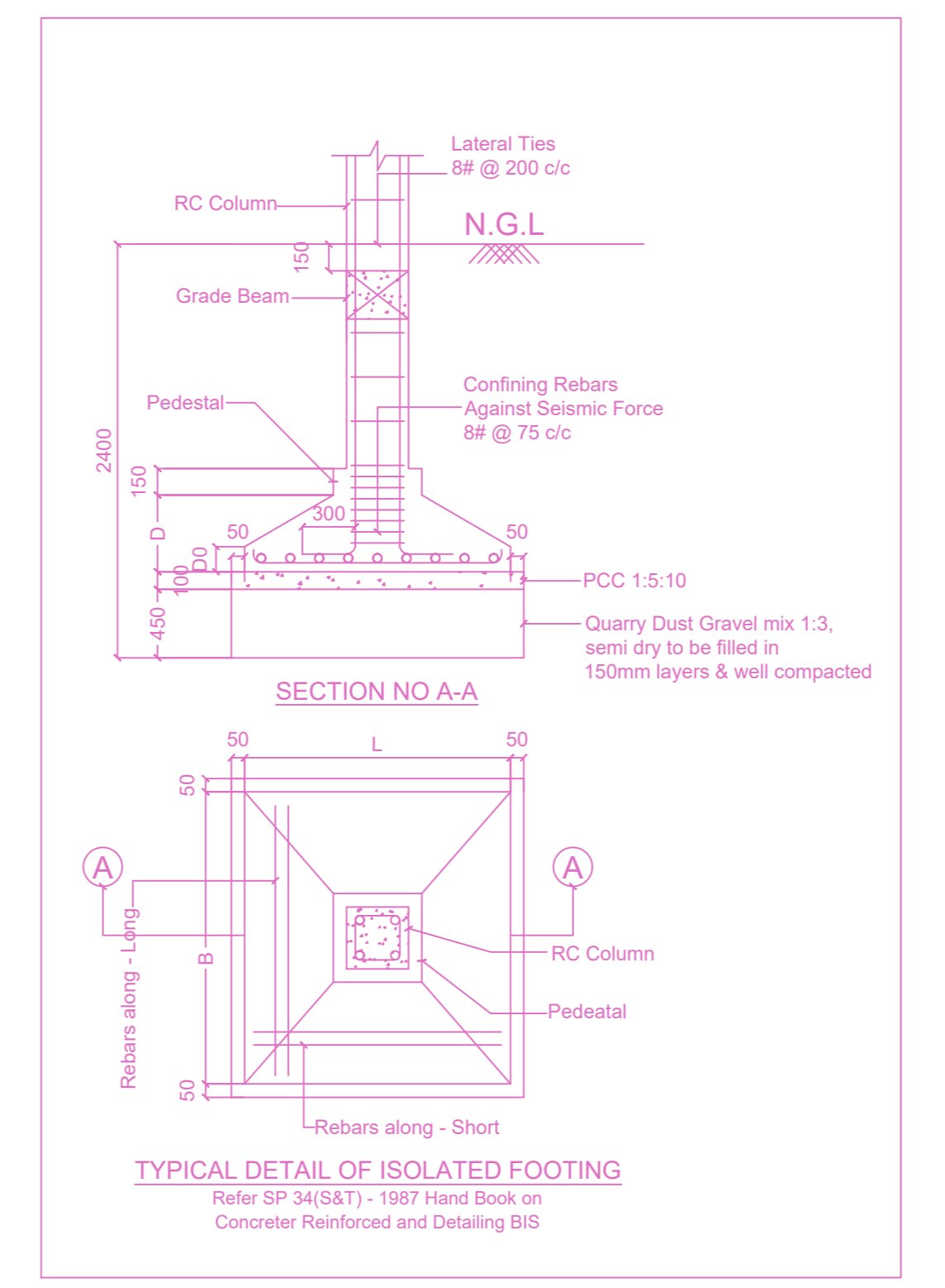


PLAN DRINKING WATER SUMP (Scientifically Closed)

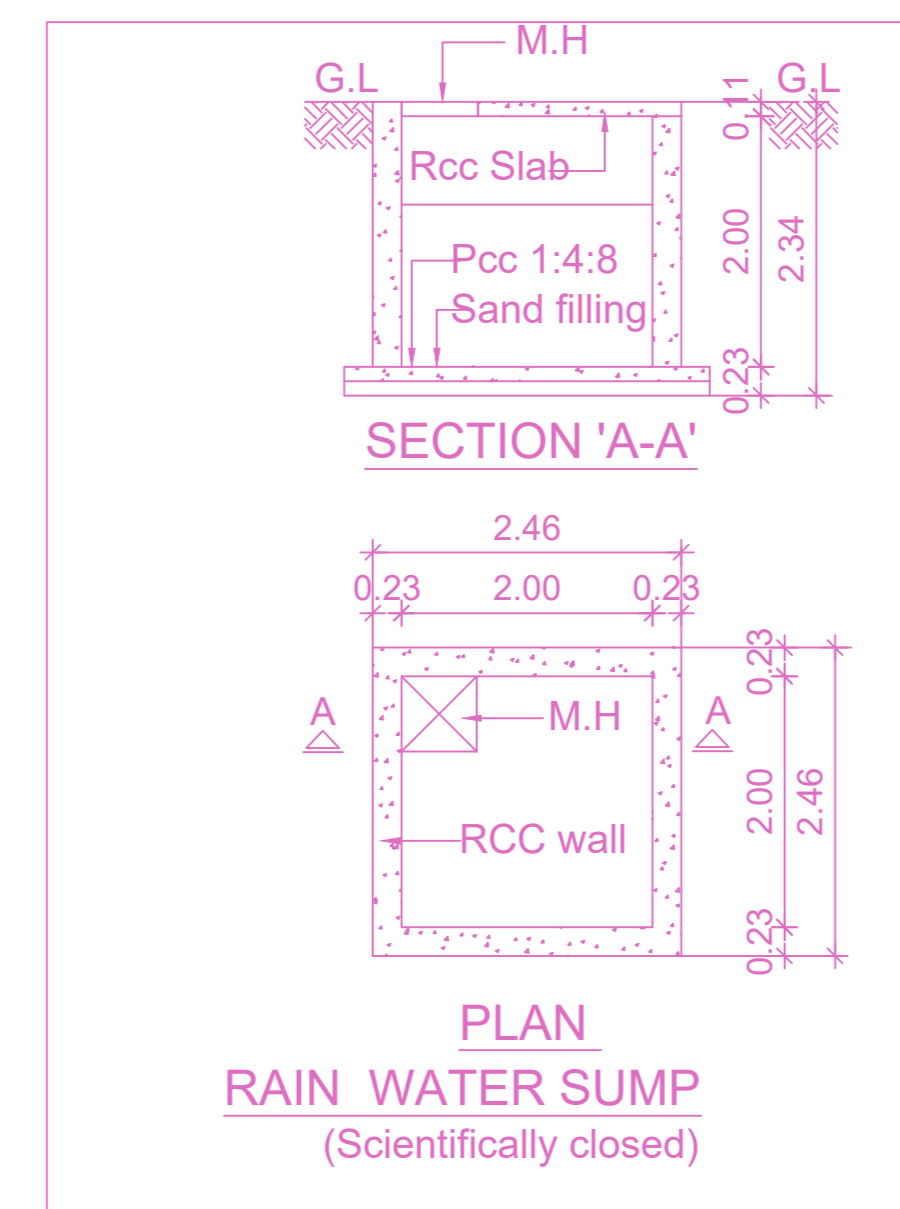


Dwarf wall details

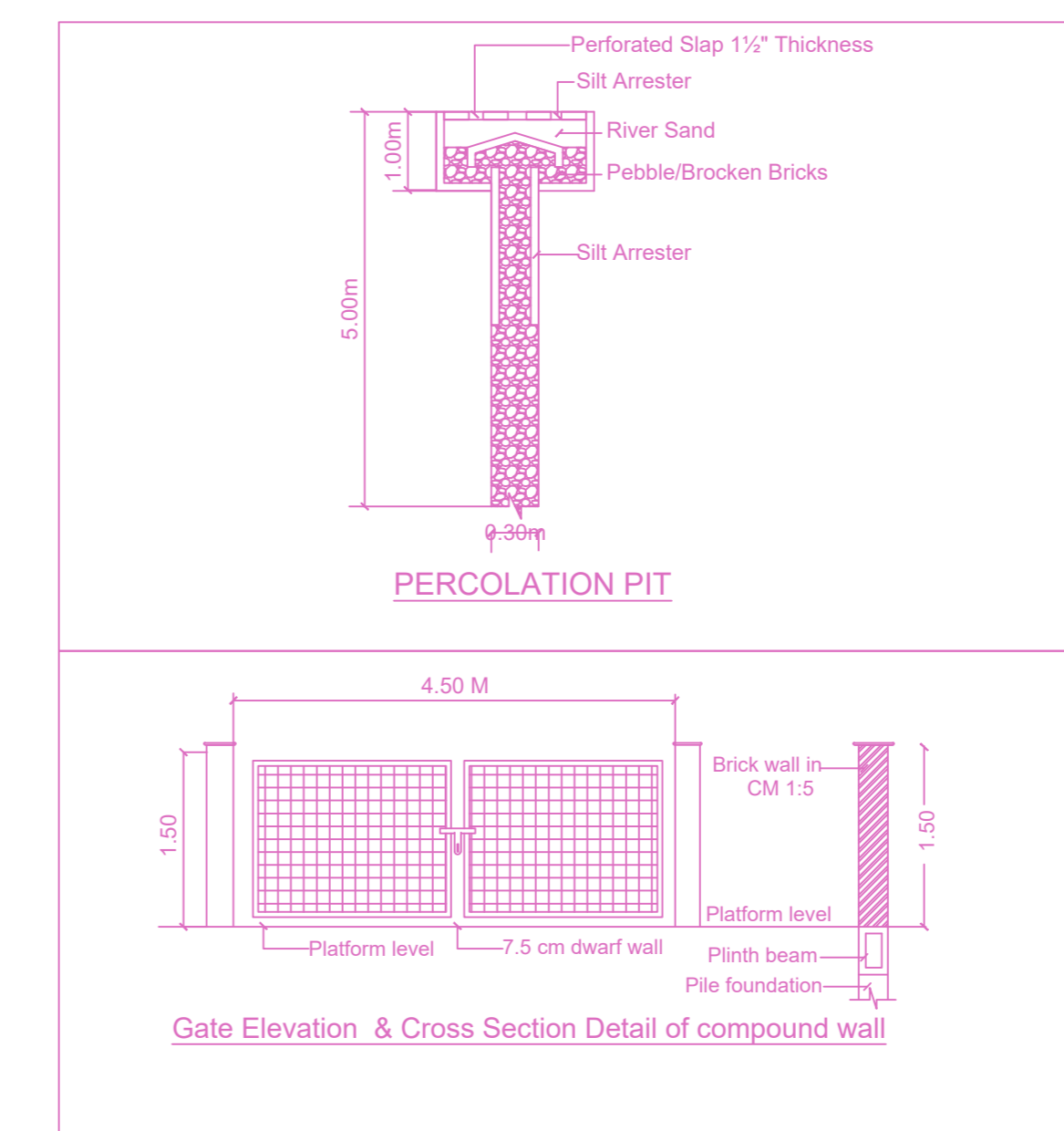
Detail bore well



TYPICAL DETAIL OF ISOLATED FOOTING



PLAN RAIN WATER SUMP (Scientifically closed)



PERCOLATION PIT

Gate Elevation & Cross Section Detail of compound wall

DESIGN OF SEPTIC TANK WITH UPFLOW FILTER FOR 15 DWELLINGS

NO. OF FLATS OR DWELLINGS > 16  
ASSUMING 5 PERSONS FOR FLATS > 16X5=80  
NO. OF PERSONS > 80  
NO. OF USERS ASSUMING > 80X2=160 NITS.  
2 FIXTURES PER FLAT > 160 X2=320 LPM  
PER HOUR DISCHARGE > 160 X6= 960 LPM

SEPTIC TANK  
SURFACE AREA NEEDED > 960X0.52/10 = 98.32 SAY 83M  
VOLUME OF SEDIMENTATION:  
ASSUMING 0.30M DEPTH > 88.32X0.3M = 26.50M<sup>3</sup>  
FOR DIGESTION > 75X0.032 = 2.40M<sup>3</sup>  
FOR SLUDGE STORAGE > 0.0002X365X75 = 5.47M<sup>3</sup>  
FREE BOARD FOR SLUDGE > 5X0.3M = 1.50M<sup>3</sup>

DEPTH =  $\frac{VOLUME}{S}$  =  $\frac{2}{1.40M}$   
VOLUME = 5

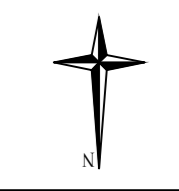
SIZE OF SEPTIC TANK 6.00X3.00X2.00  
UPFLOW FILTER  
LIQUID DEPTH OF SEPTIC TANK = 1.70M

UPFLOW FILTER DEPTH  
ALLOWING 0.32M FREE BOARD 1.4 - 0.3 = 1.10M  
AREA NEEDED =  $\frac{1.10}{1.10}$  = 1.0M<sup>2</sup>  
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

This Planning Permission issued under New Rule TNCDBR, 2019 is subject to final outcome of the W.P. (MD) No.3948 of 2019 and WMP (MD) Nos. 6912 & 6913 of 2019.

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. 2688

QR CODE



