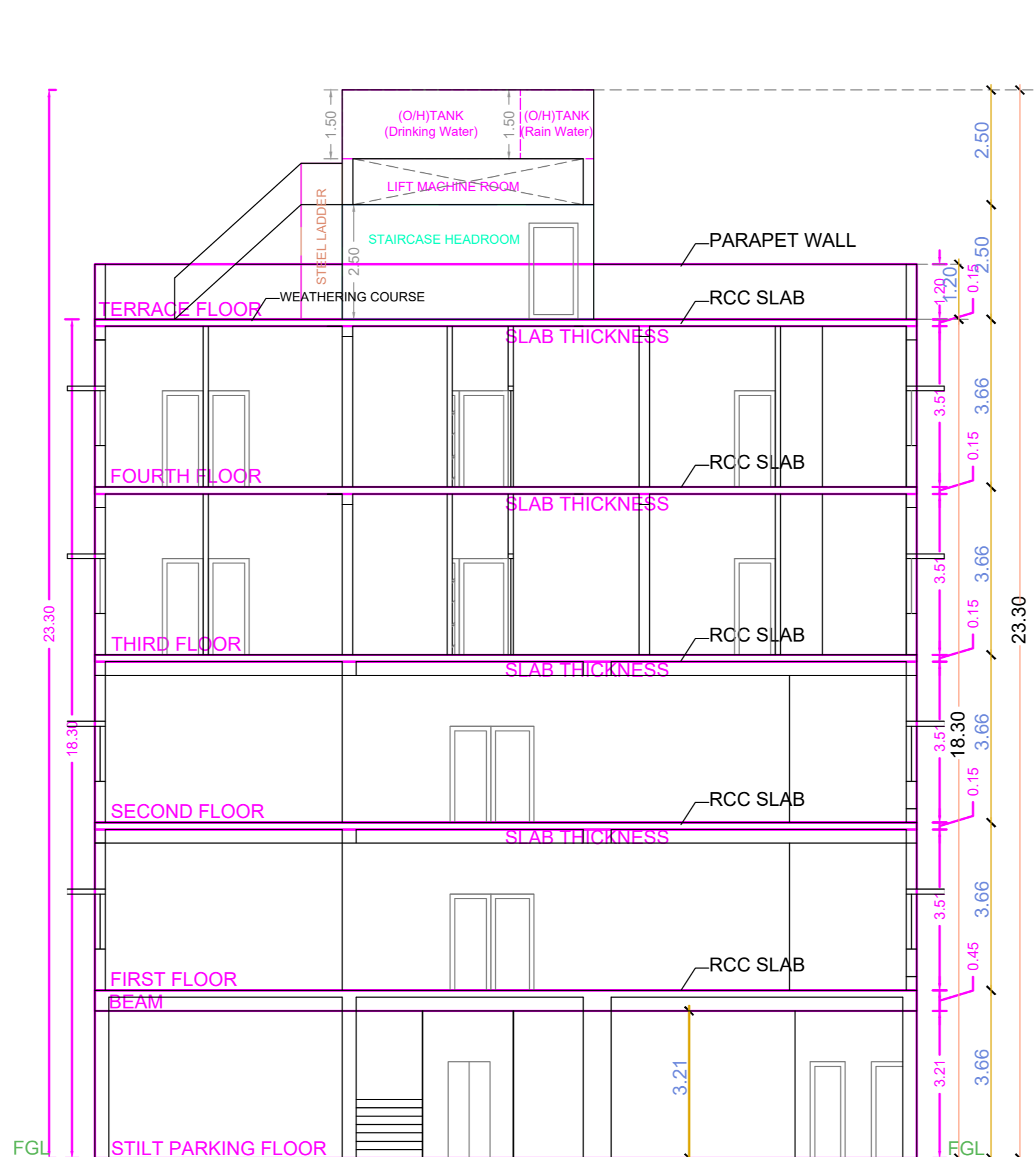


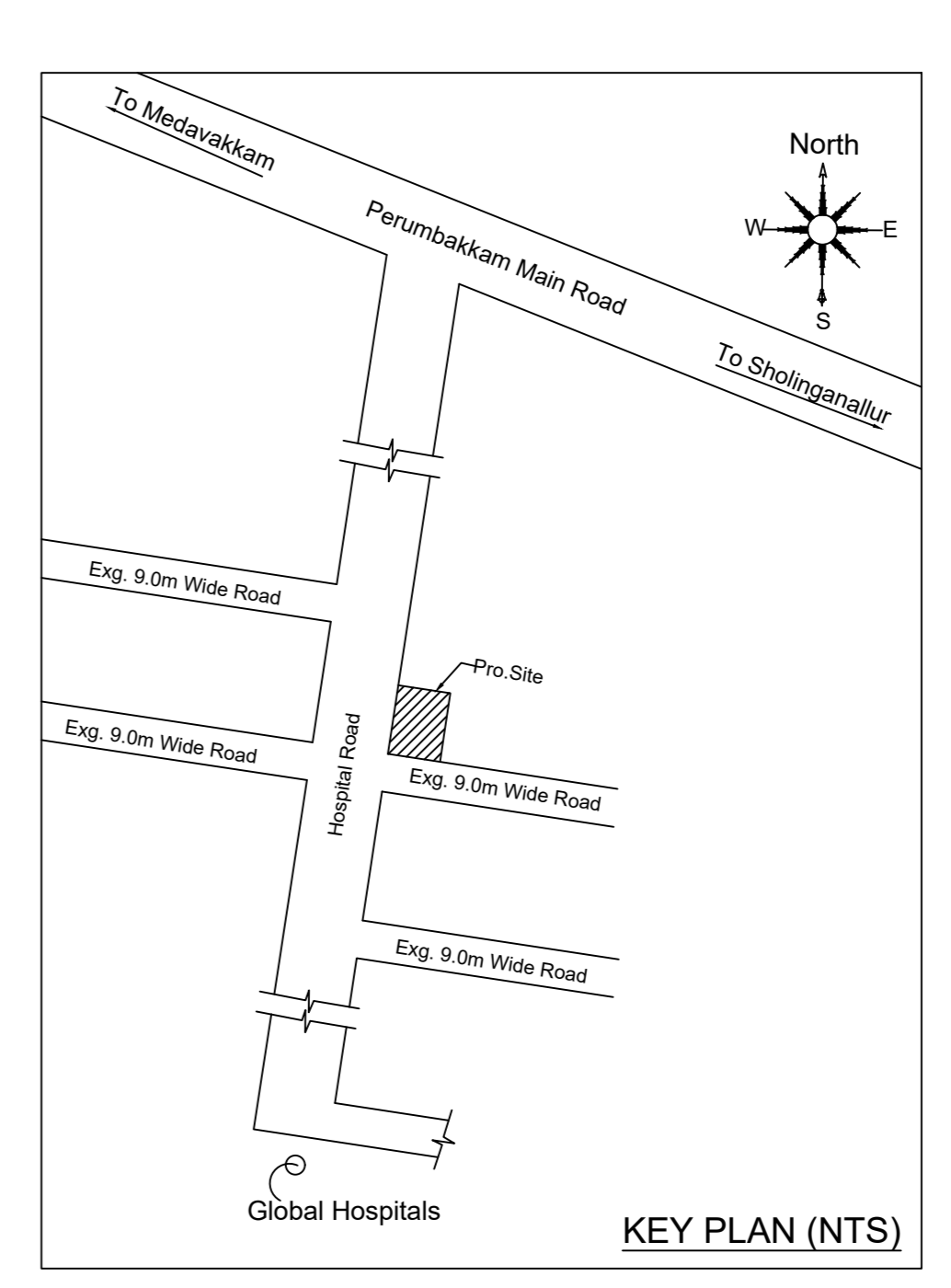
SITE PLAN



SECTION-AA



FRONT ELEVATION

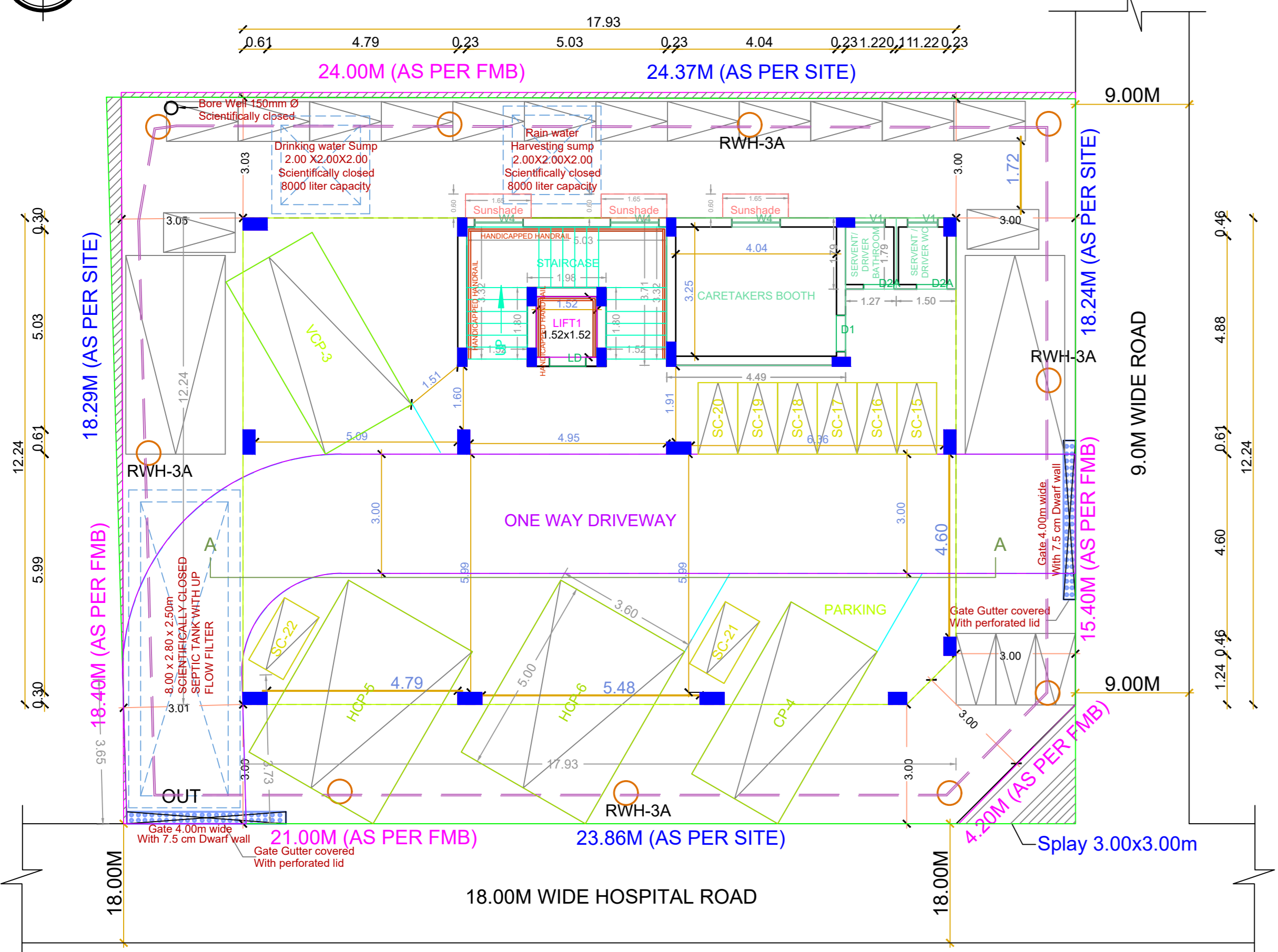
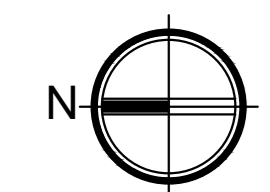


Location plan (Taken as per User Inputs)

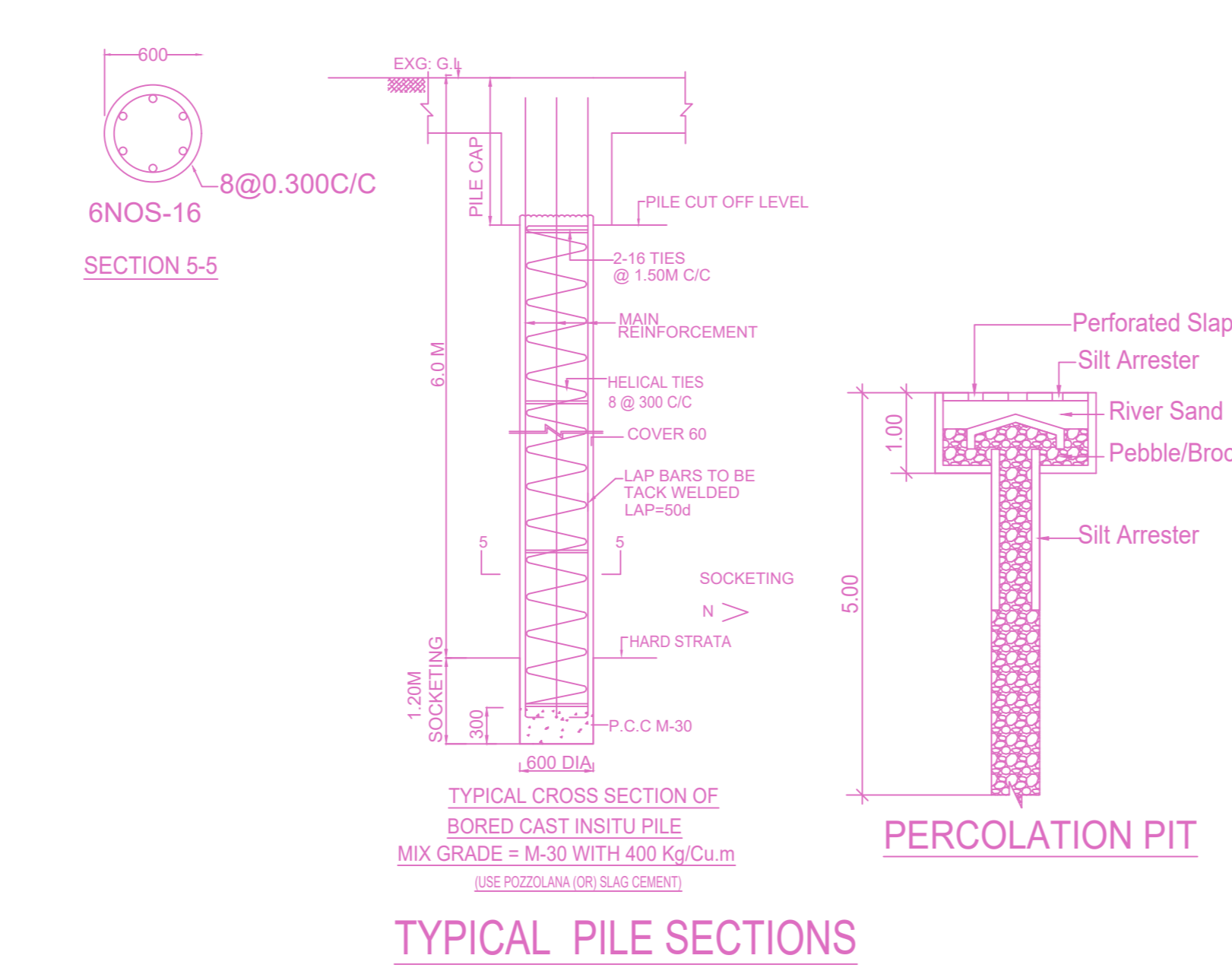
PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT FLOOR + 4 FLOORS (HEIGHT - 18.30M) COMMERCIAL (OFFICE - 437.56SQ.MTS) CUM RESIDENTIAL BUILDING WITH 6 DWELLING UNITS AT PLOT NO.130 & 131, HOSPITAL ROAD, INDIRA PRIYADARSHINI NAGAR, PERUMBAKKAM, CHENNAI COMPRISED IN OLD.S.NO.460 PART, NEW.S.NOS.460/33 & 460/34 OF PERUMBAKKAM VILLAGE WITHIN THE LIMITS OF ST.THOMAS MOUNT PANCHAYAT UNION

A) AREA STATEMENT	SQ.M.
AREA AS PER PATTA	450.00
AREA AS PER DOCUMENT	441.46
AREA CONSIDERED FOR FSI	441.46
STREET ALIGNMENT/ ROAD WIDENING/LINK ROAD	0.00
OSR AREA	0.00
TOTAL FSI AREA	874.22
FSI FACTOR	1.980
COVERAGE AREA (PERCENTAGE %)	NA

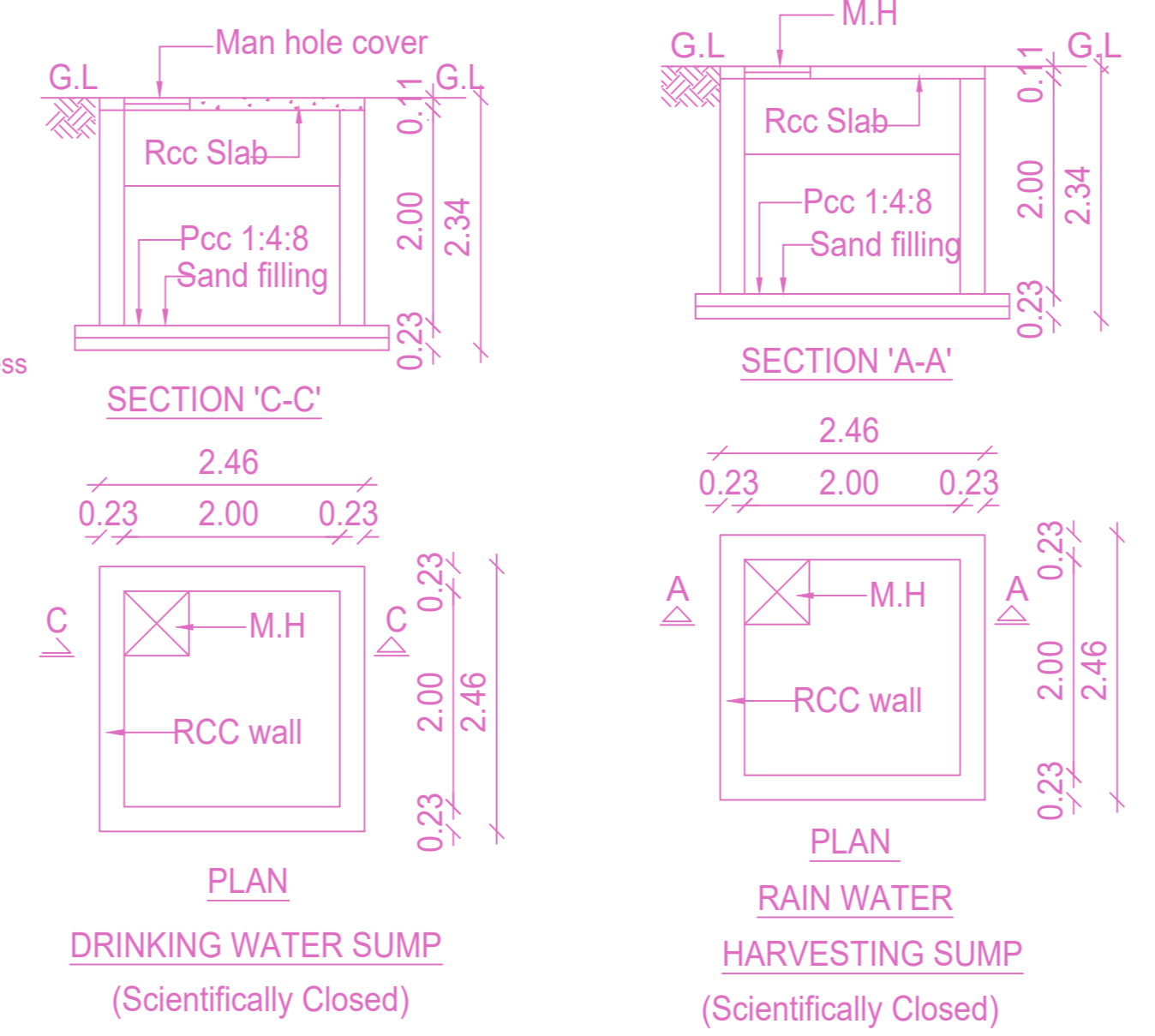
A) PARKING STATEMENT		
VEHICLE	REQUIRED	PROVIDED
LORRY	-	0
CAR	5	6
TWO WHEELER	18	25
CYCLE	-	0



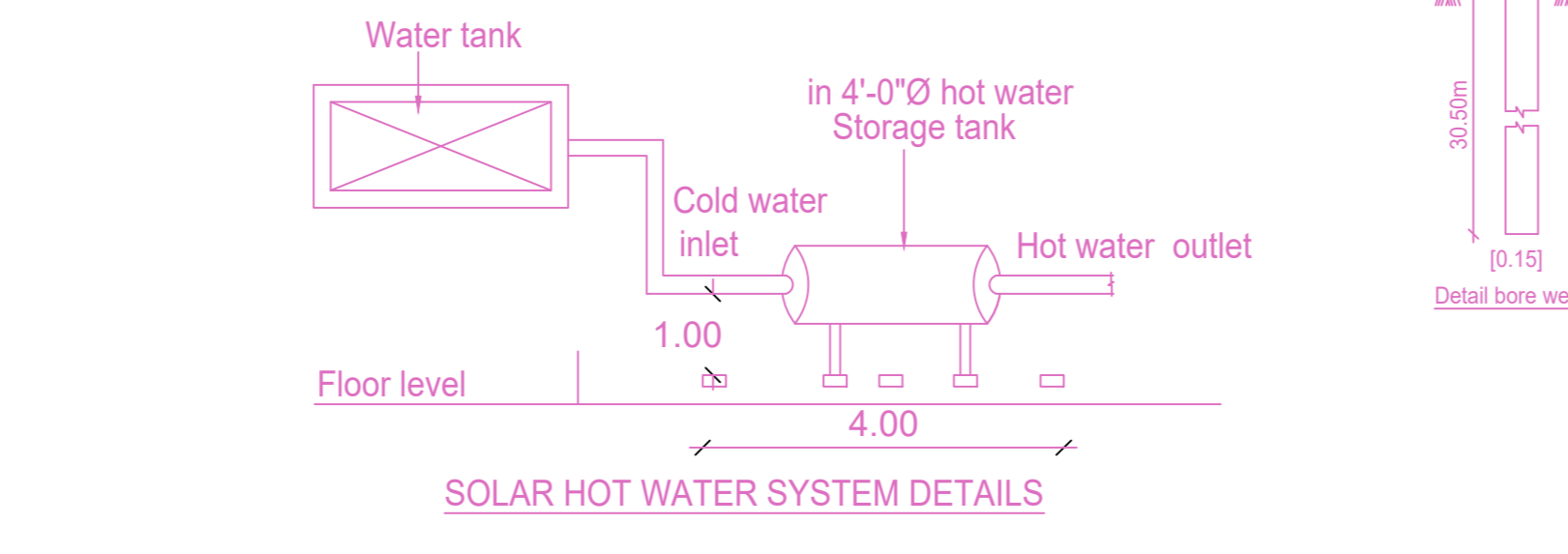
SITE CUM STILT FLOOR PLAN



TYPICAL PILE SECTIONS



PLAN DRINKING WATER SUMP (Scientifically Closed) and PLAN RAIN WATER HARVESTING SUMP (Scientifically Closed)



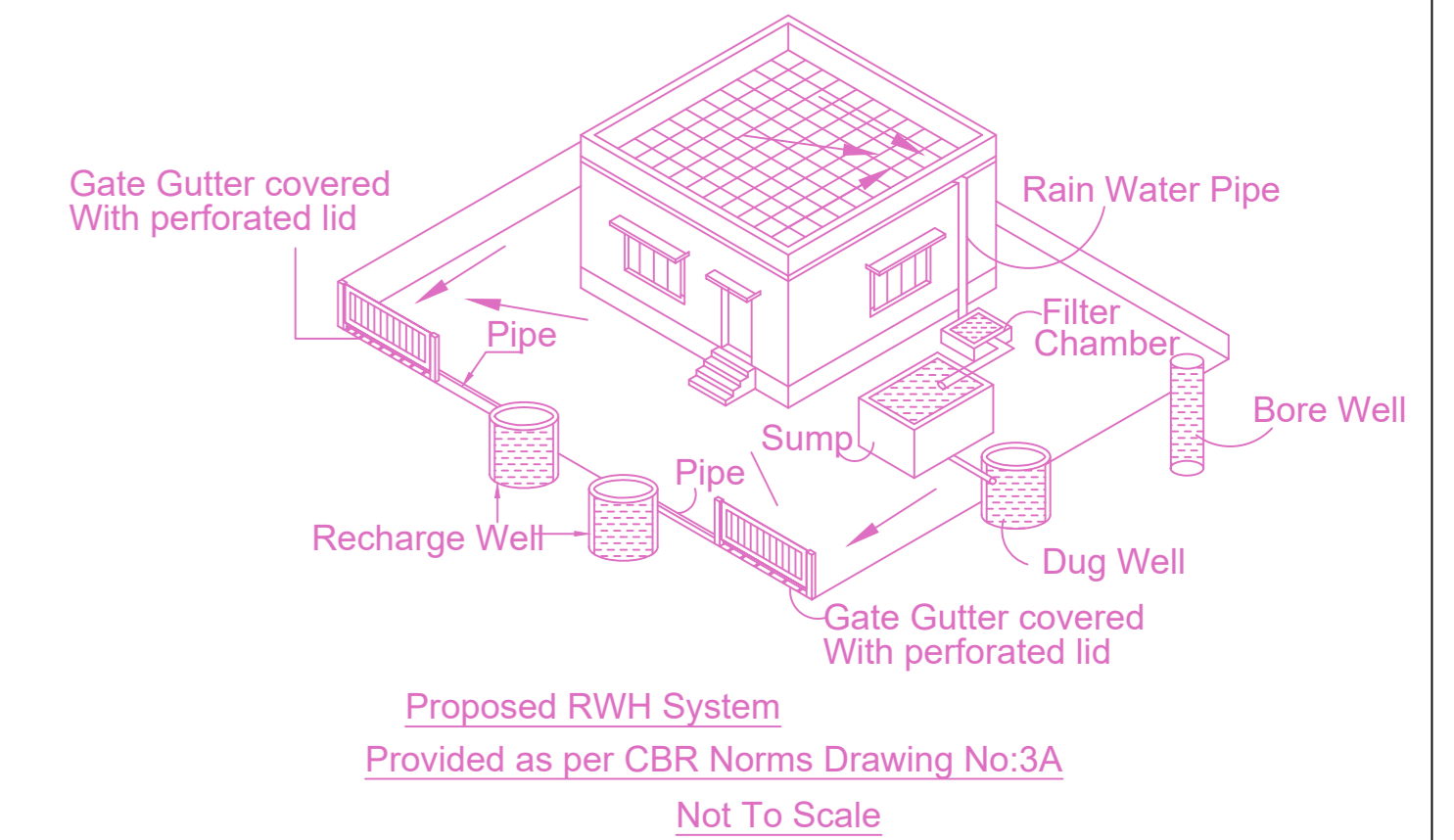
SOLAR HOT WATER SYSTEM DETAILS

SEPTIC TANK WITH UP FLOW FILTER CALCULATION FOR RESIDENTIAL CUM COMMERCIAL

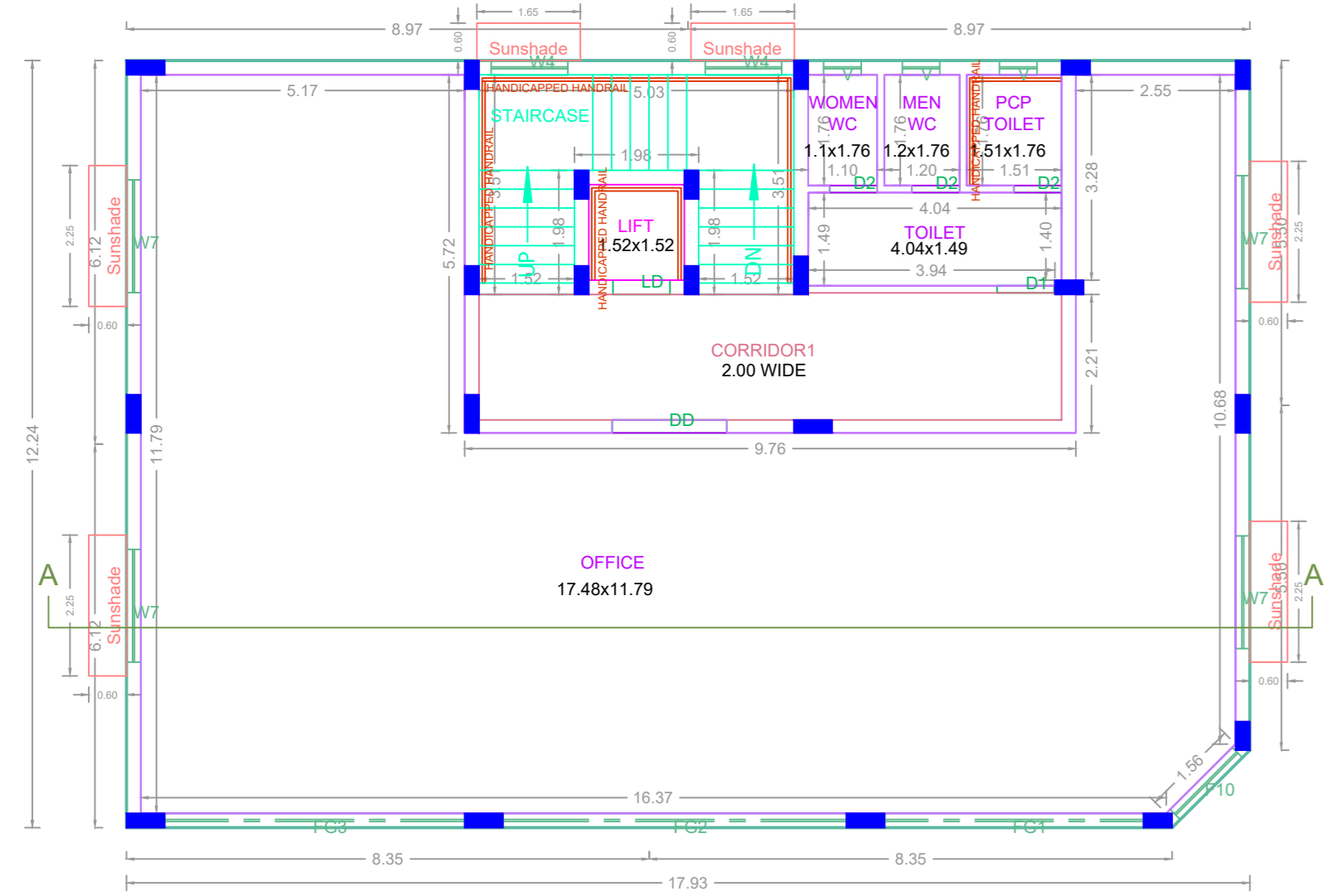
No. of Users (Residential) : 30 Nos.
 No. of Users (Commercial) : 40 Nos.
 Total No. of users : 70 Nos.
 assume a standard users : 35 Nos.
 Total no. of future units assume a peaking factor of 6 (6pm future unit) : 45 x 6 Liters = 270 liter per minutes

SEPTIC TANK
 Surface area required for the septic tank : 210 x 0.92 = 193.2 sq.m Say 20 sq.m
 Volume of free board : 20.00 x 0.30m = 6.00 cu.mt
 Volume of sedimentation : 20.00 x 0.30m = 6.00 cu.mt
 Volume of digestion : 70 x 0.033 = 2.31 cu.mt
 Volume of sludge : 70 x 305 x 0.0002 = 5.11 cu.mt
 Total volume : 19.42 cu.mt
 Required size of septic tank : 3.50m x 2.20m x 2.50m

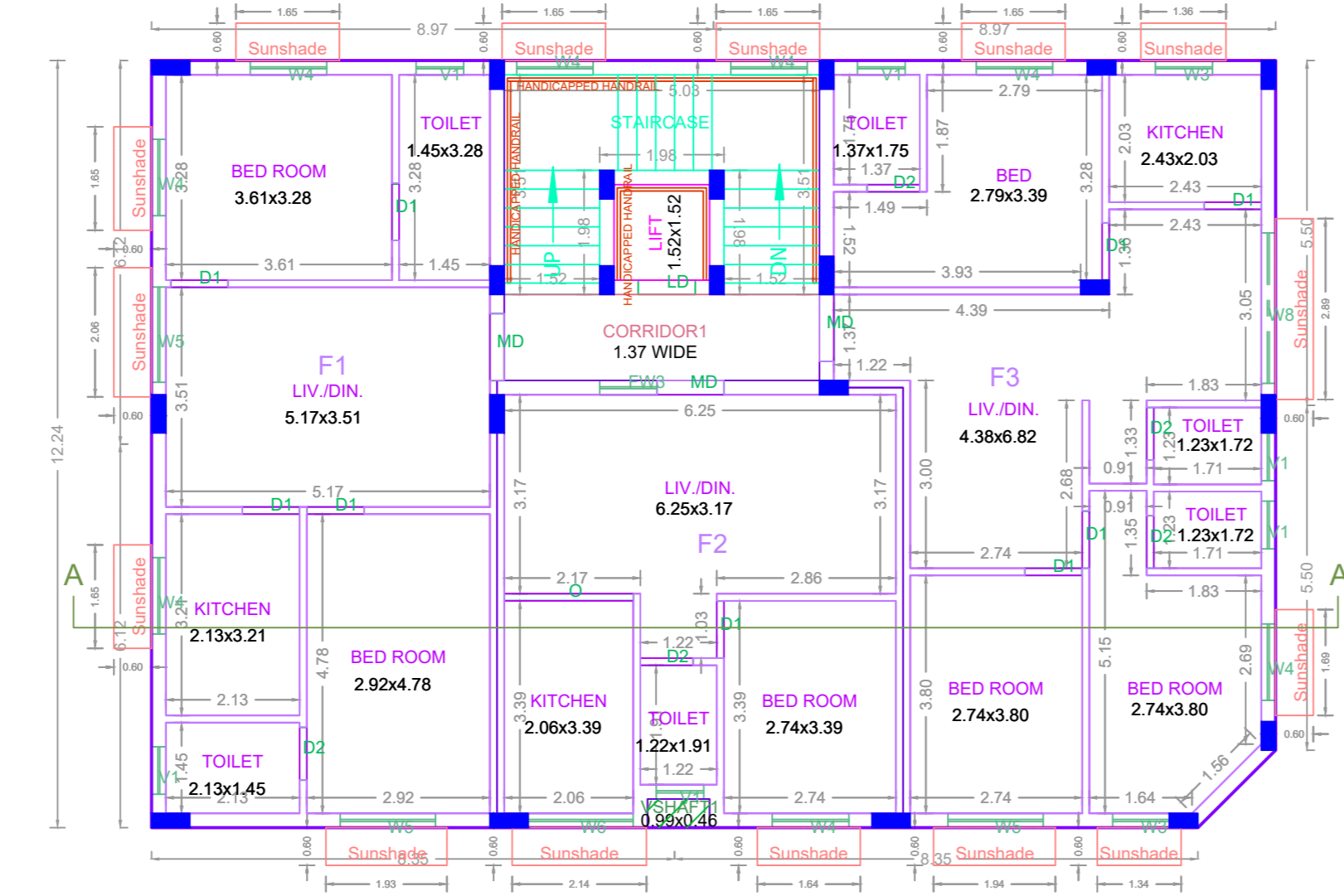
UPFLOW FILTERS
 Capacity for 90 users : 70 x 0.045 = 3.15 cu.mt
 Depth (assumed) : 0.8 (minimum)
 Hence area of final effluent sump : 3.15 / 0.8 = 3.94 sq.m
 Size of final effluent sump : 2.20 x 1.00 x 2.50m
 Size of up flow filter (1) : 2.20 x 1.00 x 2.50m
 Size of up flow filter (2) : 2.20 x 1.00 x 2.50m



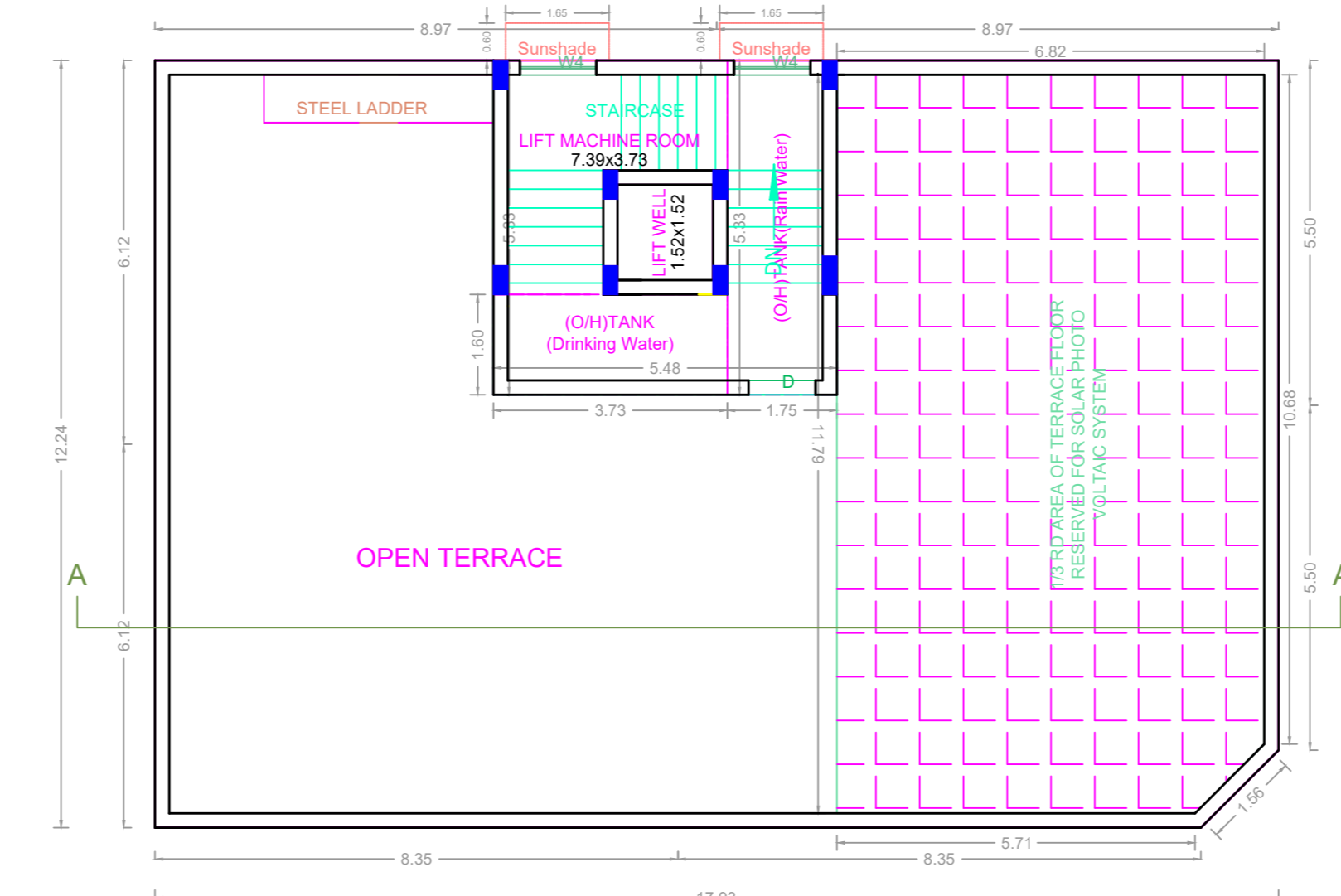
Proposed RWH System Provided as per CBR Norms Drawing No.3A Not To Scale



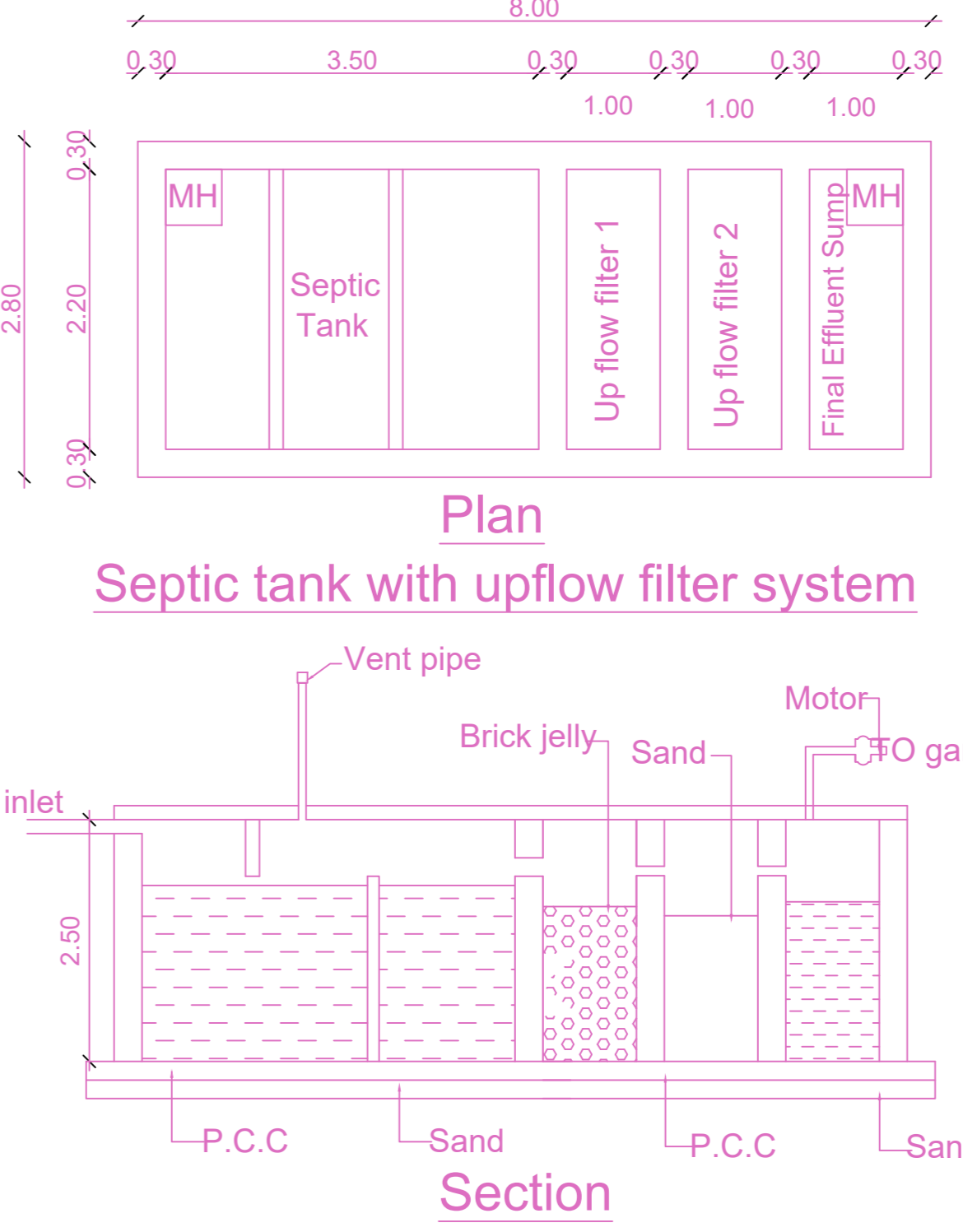
TYPICAL - 1& 2 FLOOR PLAN



TYPICAL - 3 & 4 FLOOR PLAN



TERRACE FLOOR PLAN



Plan Septic tank with upflow filter system and Section

APPROVAL CONDITION

SCALE 1:100

CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY
 APPROVED
 SUBJECT TO THE CONDITIONS MENTIONED IN THIS OFFICE

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.