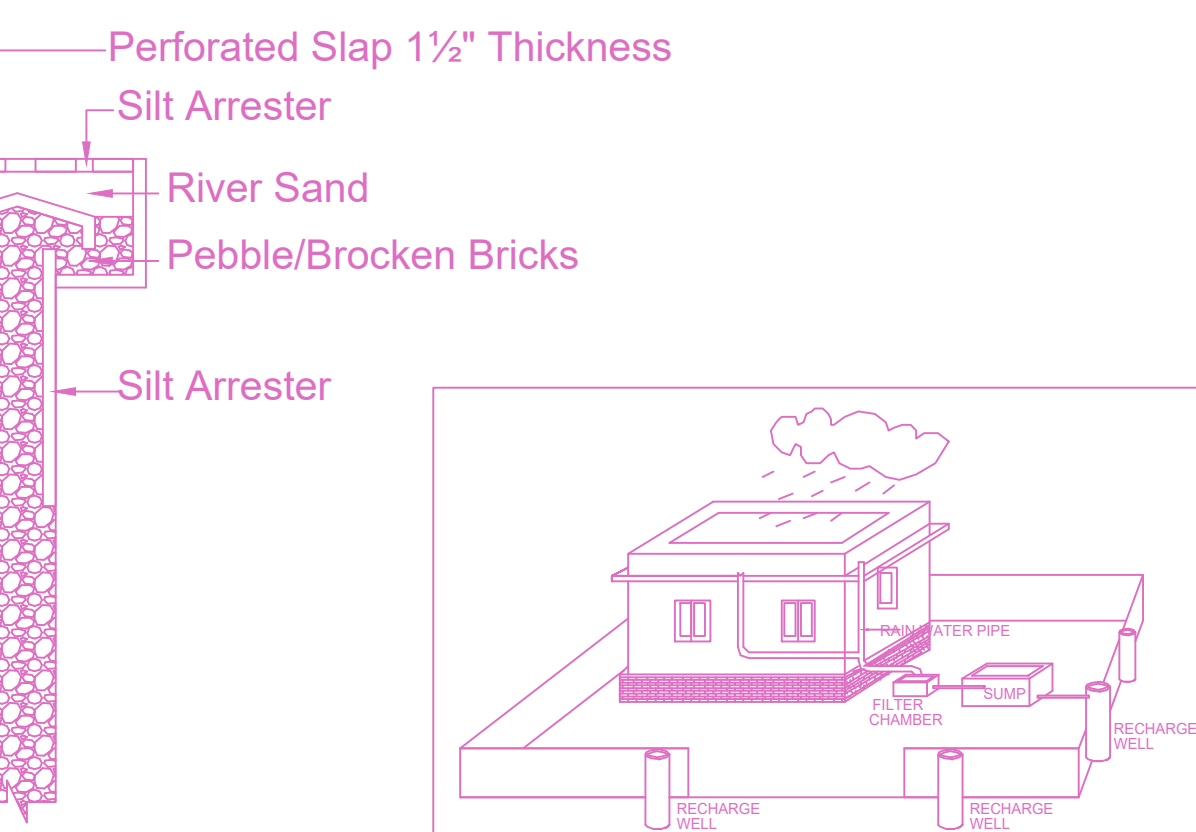
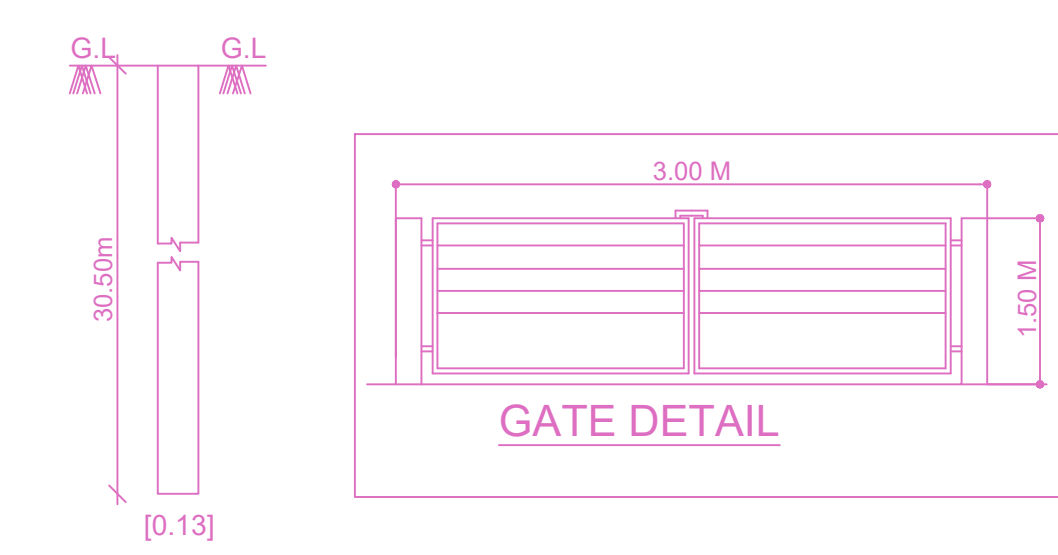
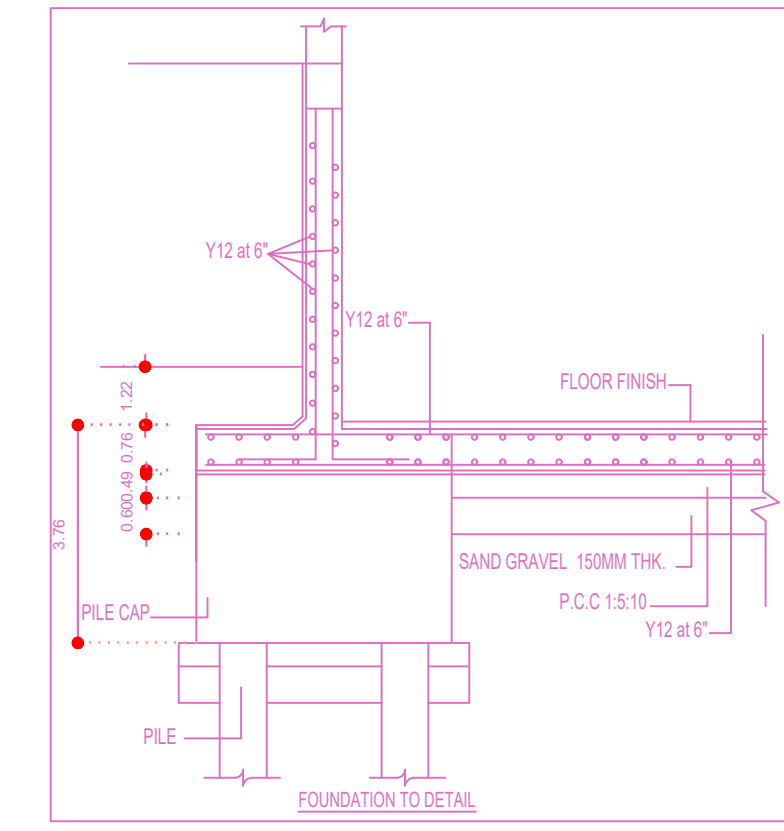


No. of Flats : 20 Nos.
 Total No. of users : 100 Nos.
 assume a standard users : 50 Nos.
 Total no. of fixture units assume a peaking factor of 1.5 per fixture unit : 50 x 6 Liters = 300 liters per minutes

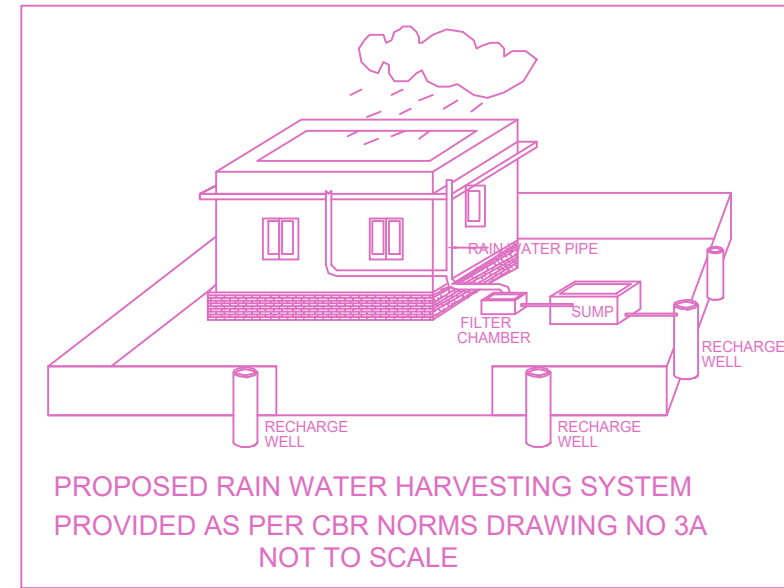
SEPTIC TANK
 Surface area required for the septic tank : $300 \times 0.92 / 10 = 27.6 \text{ sq m}$ Slab 28 sq m
 Volume of free board : $28.00 \times 0.30 \text{ m} = 8.4 \text{ cu m}$
 Volume of sedimentation : $28.00 \times 0.30 \text{ m} = 8.4 \text{ cu m}$
 Volume of digestion : $100 \times 0.033 = 3.3 \text{ cu m}$
 Volume of sludge : $100 \times 365 \times 0.0002 = 7.3 \text{ cu m}$
 Total volume : 27.4 cu m

Depth of Septic tank : 2.74 m
 Surface area : 28.0 - 0.97m
 Inlet pipe invert level assuming a Gradient of 1 in 6 starting from first chamber : 1.03m
 Total Liquid Depth : $0.97 + 1.03 \text{ m} = 2.00 \text{ m}$
 Required size of septic tank : 2.60m x 0.90m x 2.00m

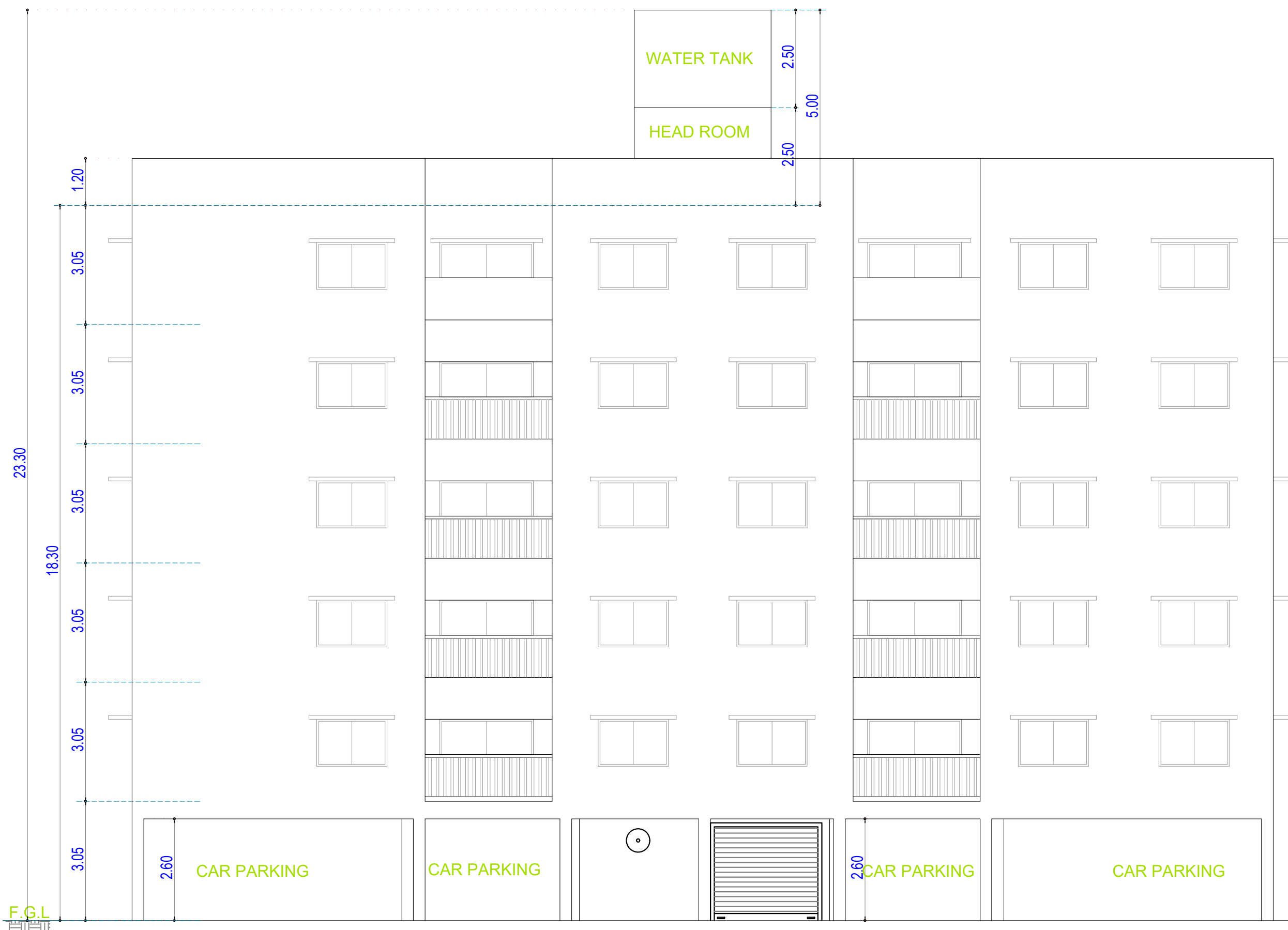
UPFLOW FILTERS
 Capacity for 100 users : $100 \times 0.045 = 4.50 \text{ cu m}$
 Depth (assumed) : 2.0 (minimum)
 Hence area of final effluent sump : $4.50 / 2.25 = 2.00 \text{ sq m}$
 Size of final effluent sump : $2.00 \times 1.00 = 2.00 \text{ sq m}$
 Size of up flow filter (1) : 2.60 x 1.00 x 2.00m
 Size of up flow filter (2) : 2.60 x 1.00 x 2.00m



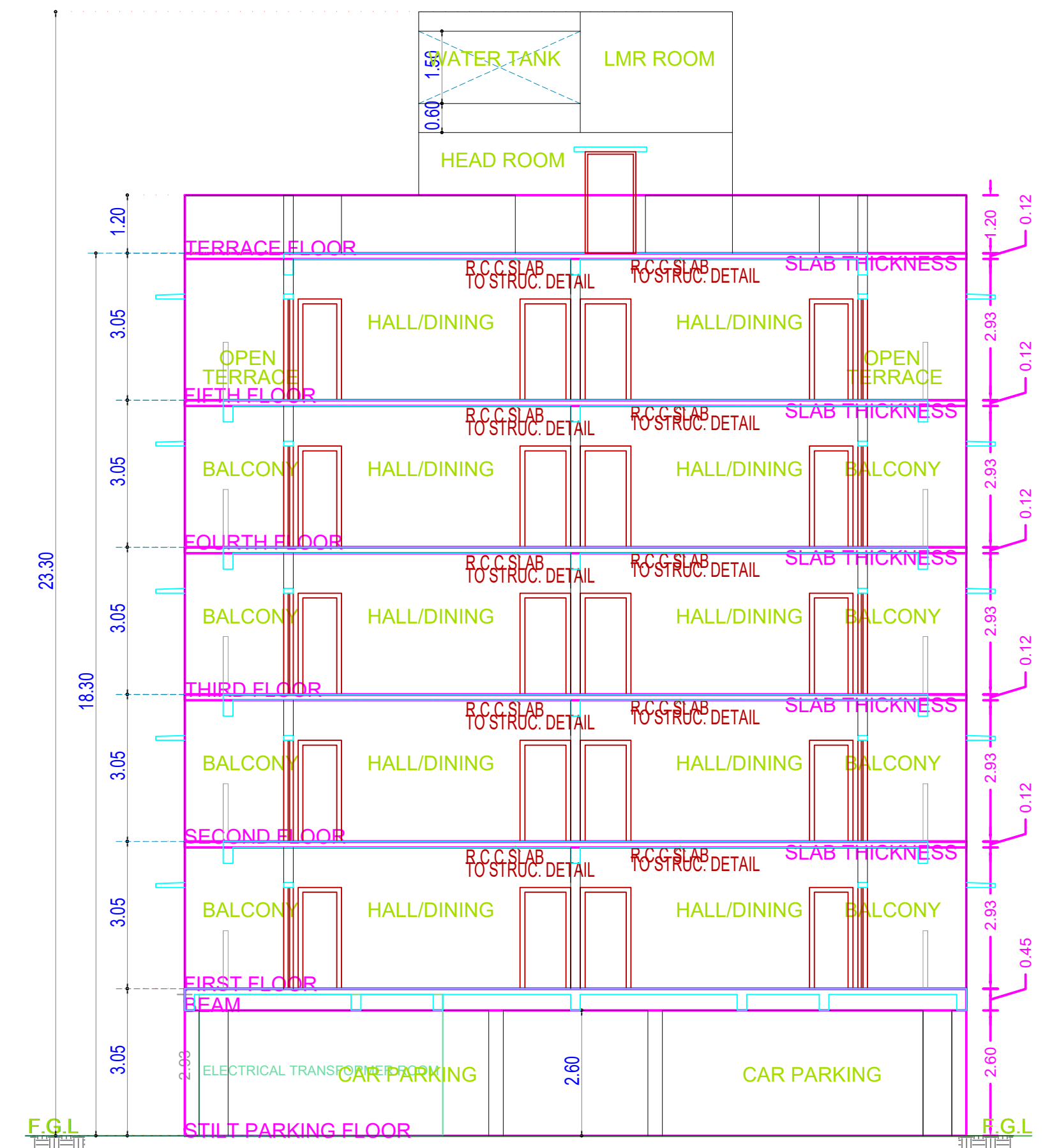
PERCOLATION PIT



PROPOSED RAIN WATER HARVESTING SYSTEM PROVIDED AS PER CBS NORMS DRAWING NO 3A NOT TO SCALE



West Side Elevation



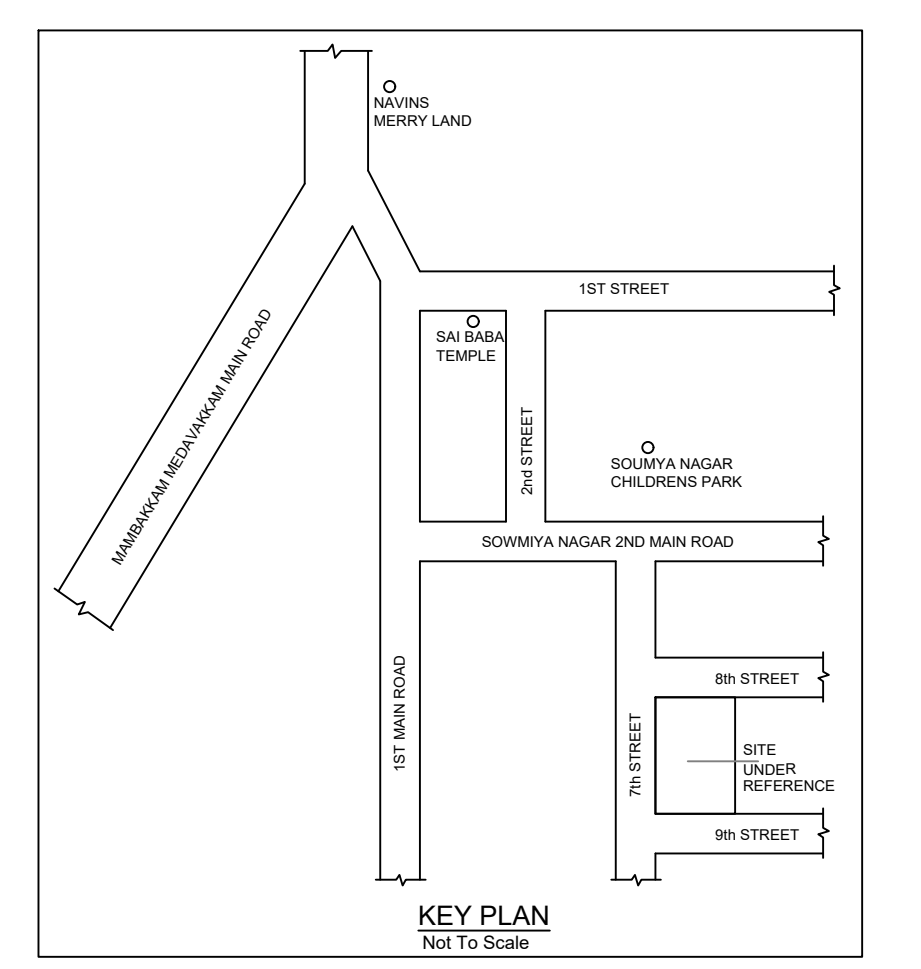
Section on 'XX'

PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT FLOOR + 4 FLOORS + 5TH FLOOR (PART) (18.30M - HEIGHT) RESIDENTIAL BUILDING WITH 20 DWELLINGS (AFFORDABLE HOUSING) AT PLOT NOS.30, 31, 32 & 33, (AS PER CMDA APPROVED LAYOUT P.P.D.O NO.89/1987), 7TH STREET, 8TH STREET AND 9TH STREET, SOMWANA NAGAR EXTENSION, PERUMBAKKAM CHENNAI. COMPRISED IN S.NOS 429/79A1B & 429/893 OF PERUMBAKKAM VILLAGE WITHIN THE LIMITS OF ST. THOMAS MOUNT PANCHAYAT UNION.

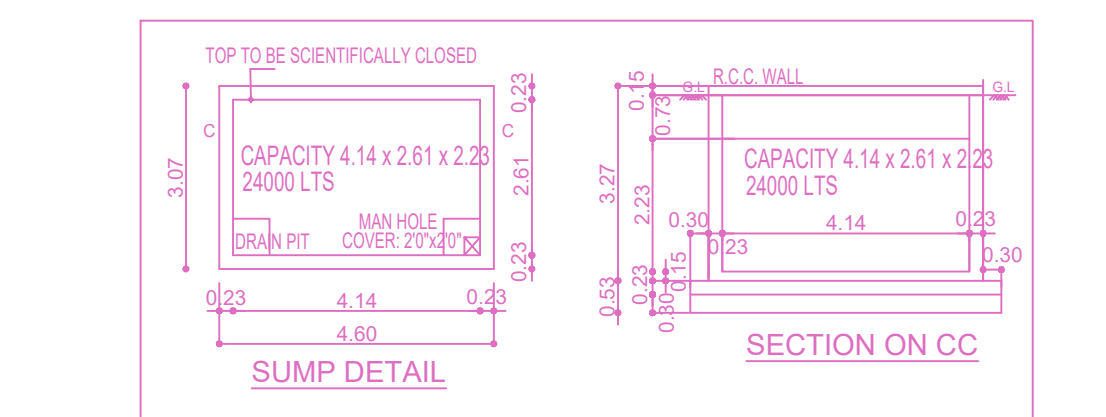
AREA STATEMENT	SQM.
AREA AS PER PATTA	814.00
AREA AS PER DOCUMENT	813.82
AREA CONSIDERED FOR FSI	813.82
STREET ALIGNMENT/ ROAD WIDENING/LINK ROAD	0.00
OSR AREA	0.00
TOTAL FSI AREA	2115.11
FSI FACTOR	2.599
COVERAGE AREA (PERCENTAGE %)	NA

A) PARKING STATEMENT

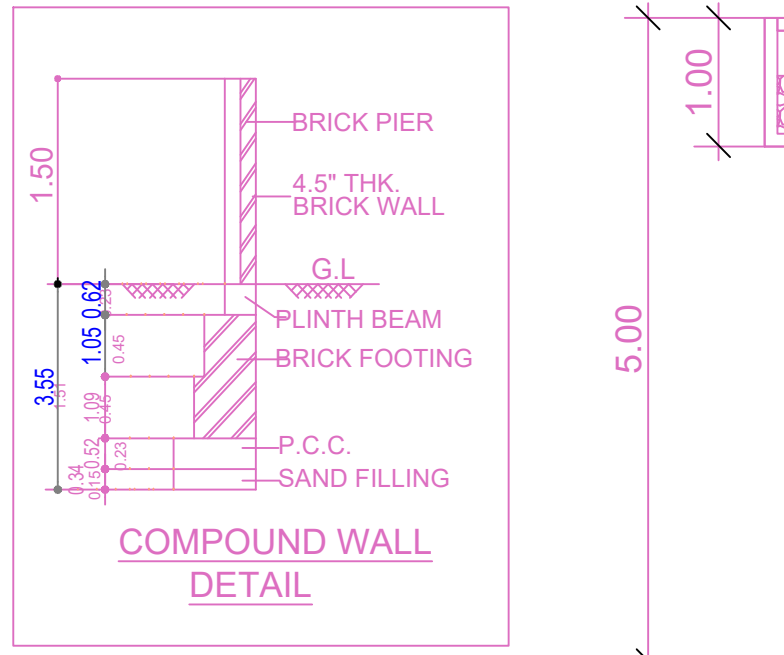
VEHICLE	REQUIRED	PROVIDED
LORRY	0	0
CAR	11	21
TWO WHEELER	22	22
CYCLE	0	0



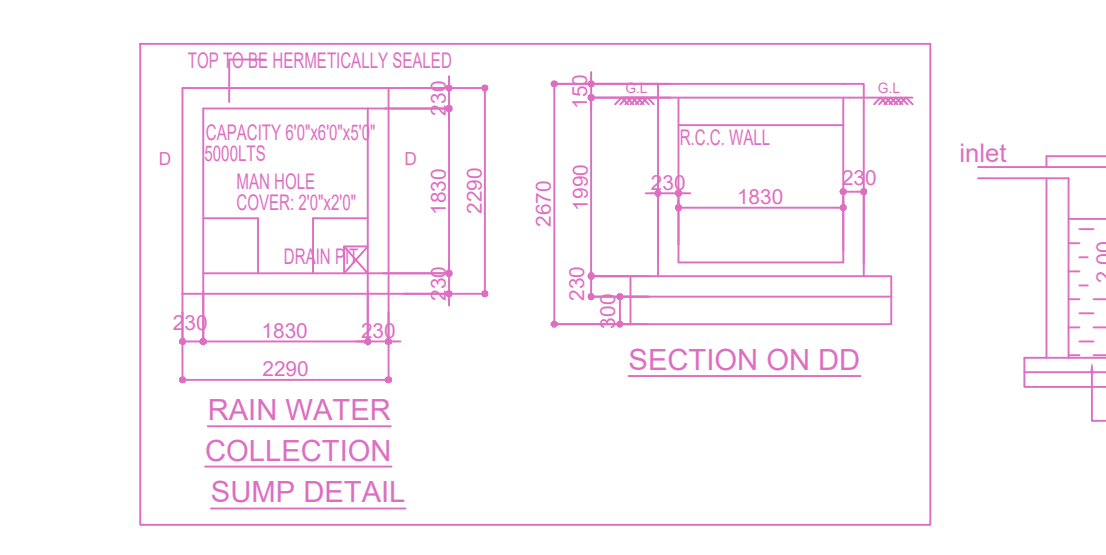
Location plan (Taken as per User Inputs)



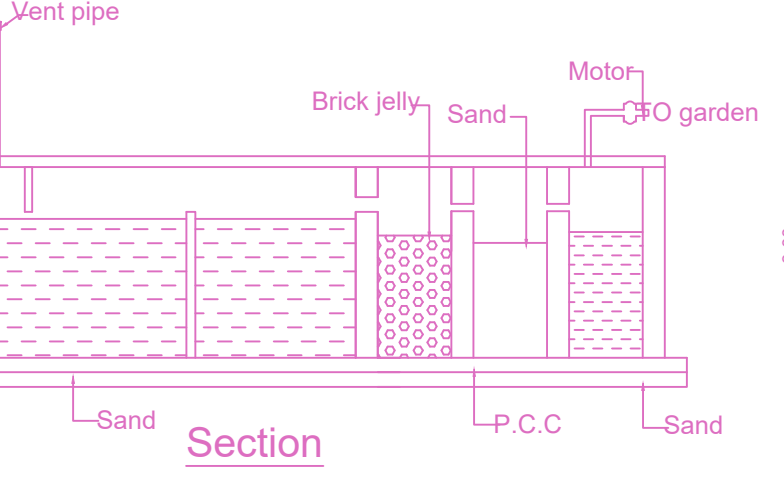
SUMP DETAIL



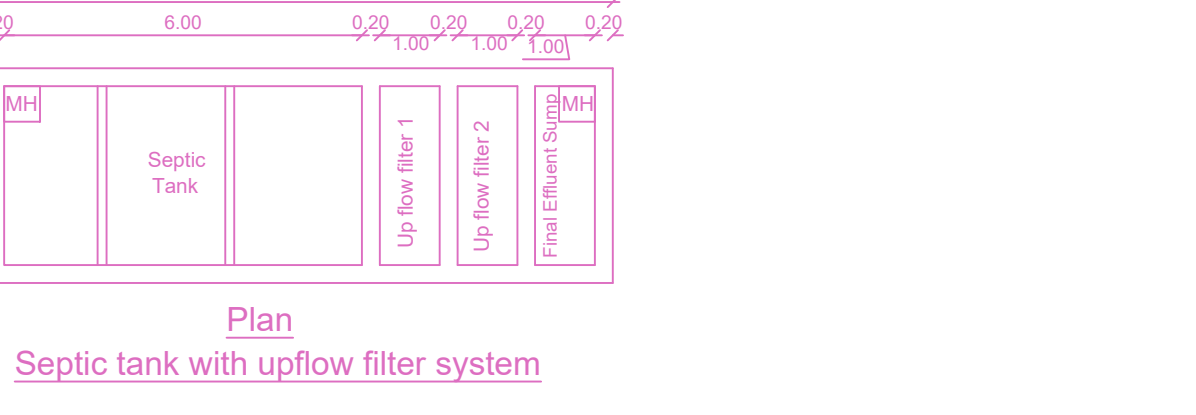
COMPOUND WALL DETAIL



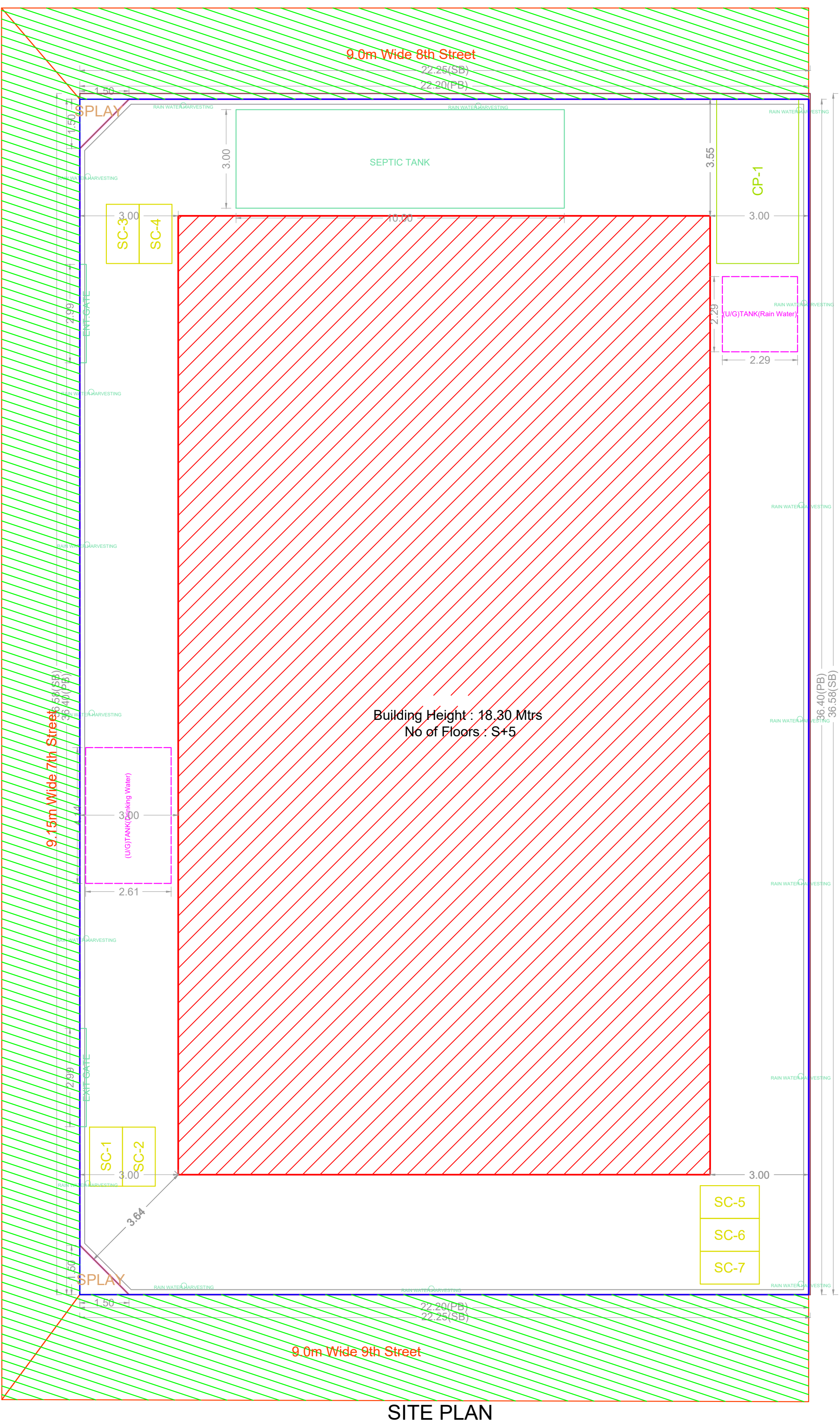
RAIN WATER COLLECTION SUMP DETAIL



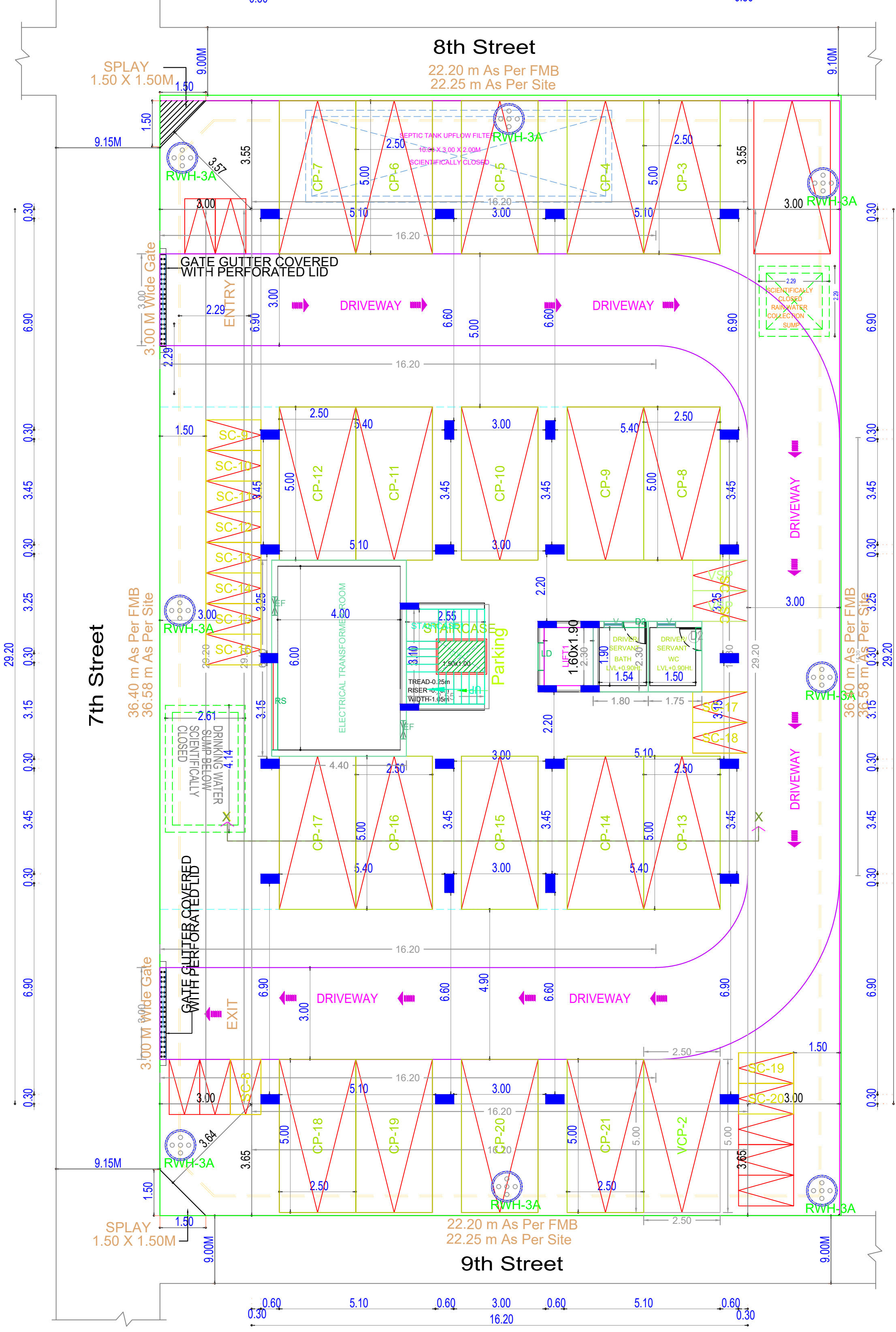
Section



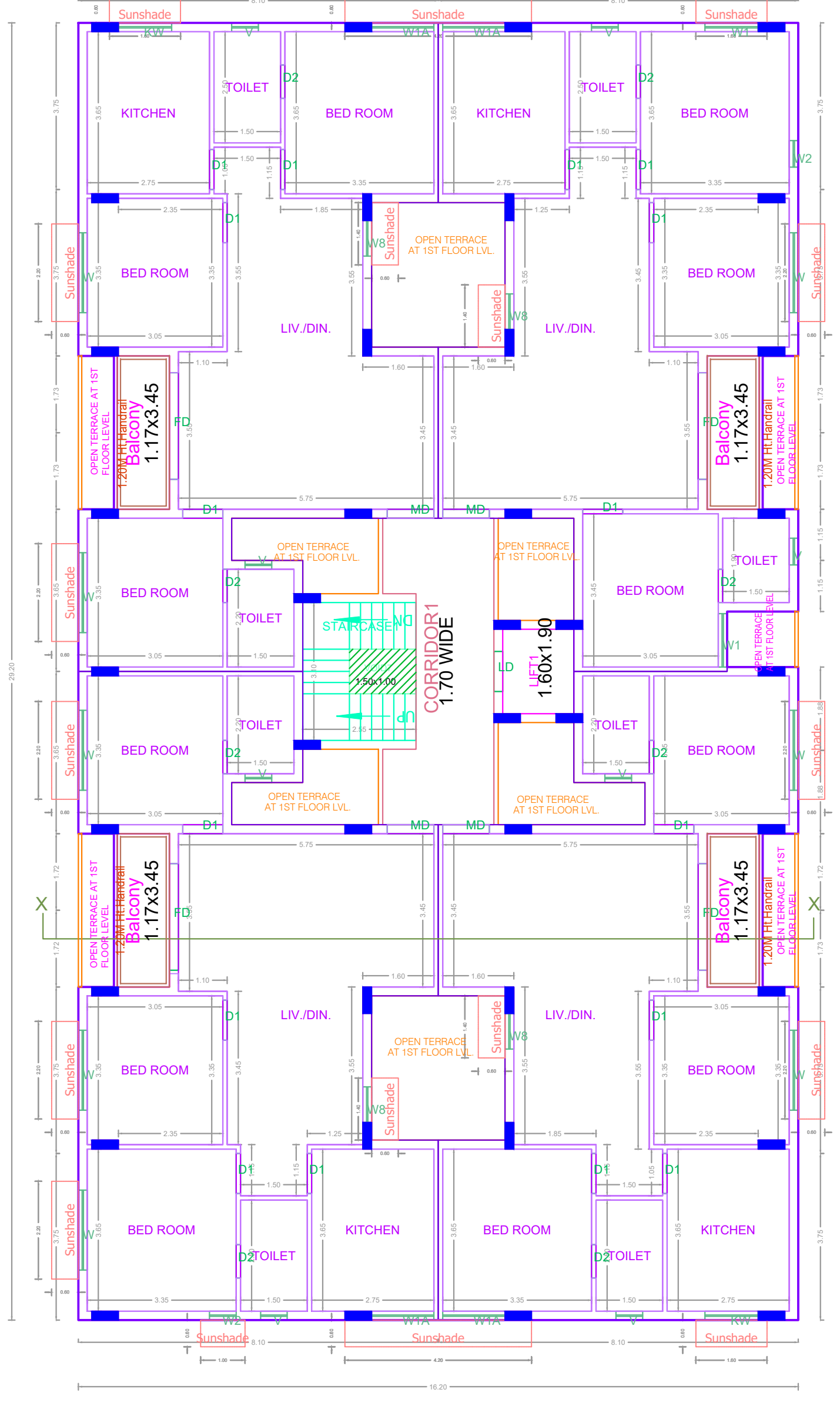
Plan Septic tank with upflow filter system



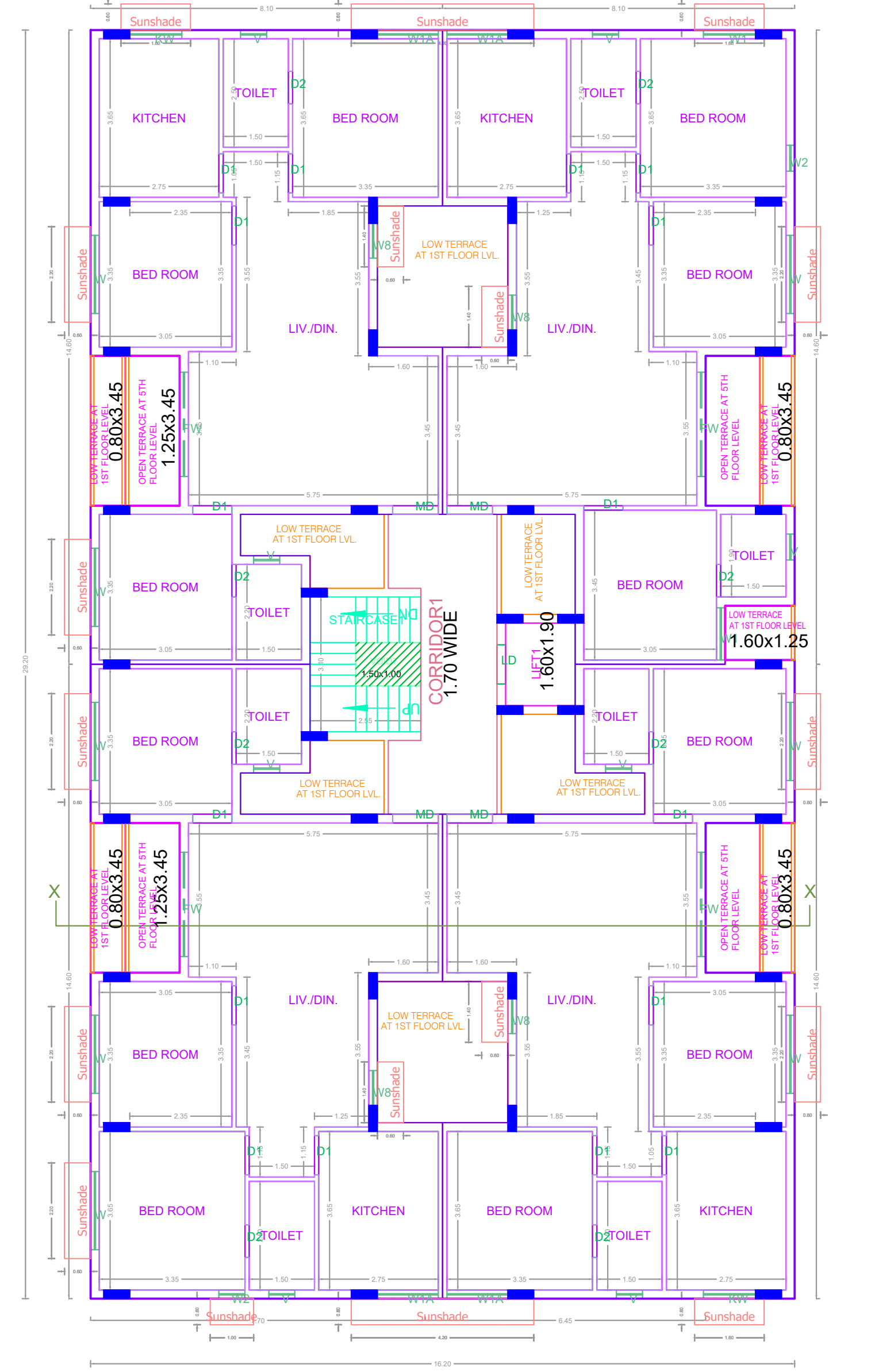
SITE PLAN



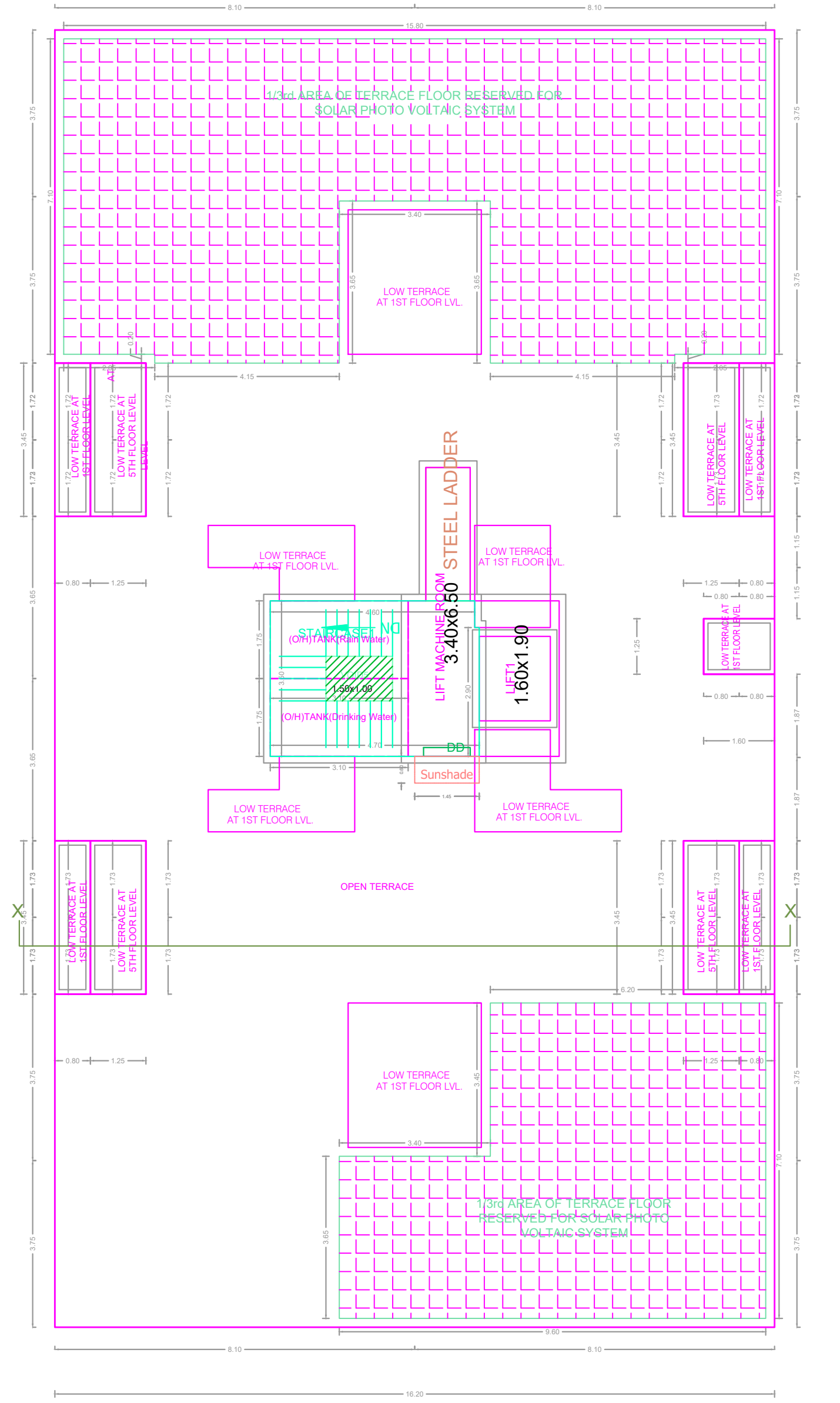
Site Cum Stilt Floor Plan



TYPICAL - 1, 2, 3, 4 FLOOR PLAN



FIFTH FLOOR PLAN (PART)



TERRACE FLOOR PLAN

FLOOR WISE FSI STATEMENT: V1 (VC)

FLOORS	COMM	RESI	IND.	INST.	DU	TOTAL FSI AREA
STILT PARKING FLOOR	0.00	28.16	0.00	0.00	0	28.16
FIRST FLOOR	0.00	420.84	0.00	0.00	4	420.84
SECOND FLOOR	0.00	420.84	0.00	0.00	4	420.84
THIRD FLOOR	0.00	420.84	0.00	0.00	4	420.84
FOURTH FLOOR	0.00	420.84	0.00	0.00	4	420.84
FIFTH FLOOR	0.00	403.59	0.00	0.00	4	403.59
Terrace	0.00	0.00	0.00	0.00	0	0.00
Total	0.00	2115.11	0.00	0.00	20	2115.11

BUILDING WISE FSI STATEMENT

BUILDING	NO OF SAME BUILDING	FSI AREA				DU	TOTAL FSI AREA
		COMM	RESI	IND.	INST.		
Total	0.00	0.00	2115.11	0.00	0.00	20	2115.11
V1-1 (VC)	0.00	0.00	2115.11	0.00	0.00	20	2115.11

APPROVAL CONDITION

SCALE: 1:100

CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY

APPROVED

SUBJECT TO THE CONDITIONS MENTIONED IN THIS OFFICE

The Planning Permission issued under the provisions of the Chennai Metropolitan Development Authority Act, 1971 and the Chennai Metropolitan Development Authority (Amendment) Act, 2016 shall be valid only after obtaining the necessary approvals from the concerned Local Body.

For Check/Planner / Chief Planner / Member Secretary
 High Rise Building / Non High Rise Building
 This Approval is valid only after obtaining the necessary approvals from the concerned Local Body.

OR CODE