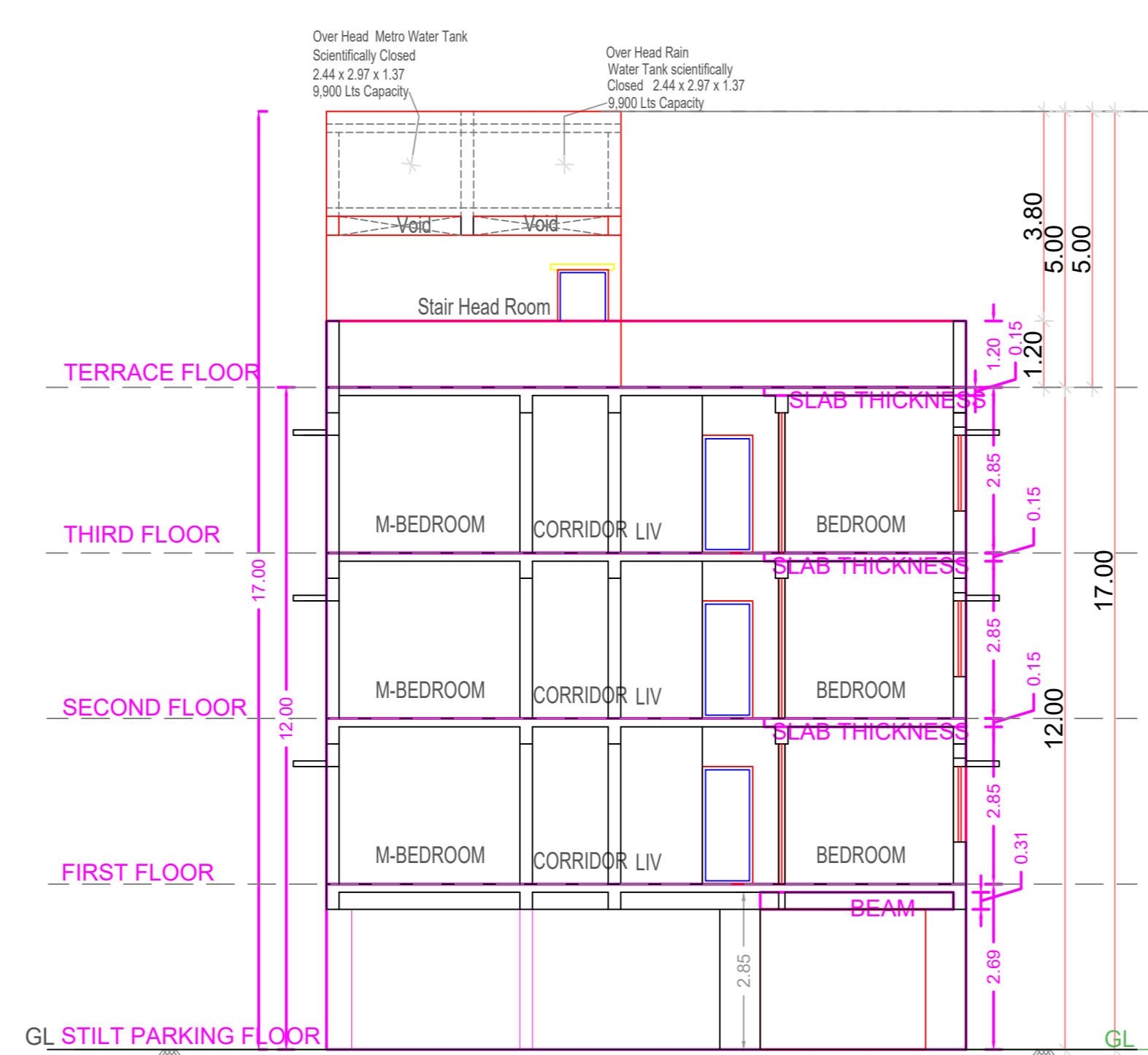
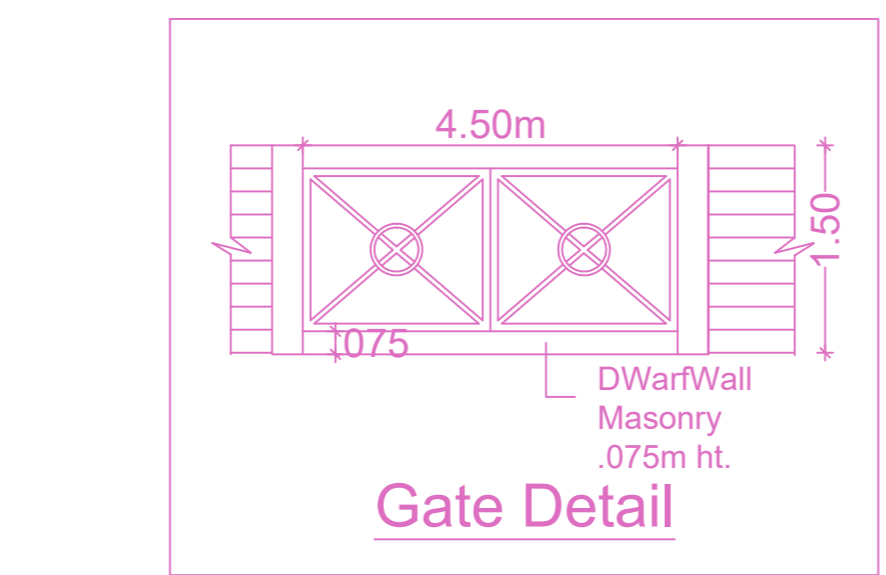


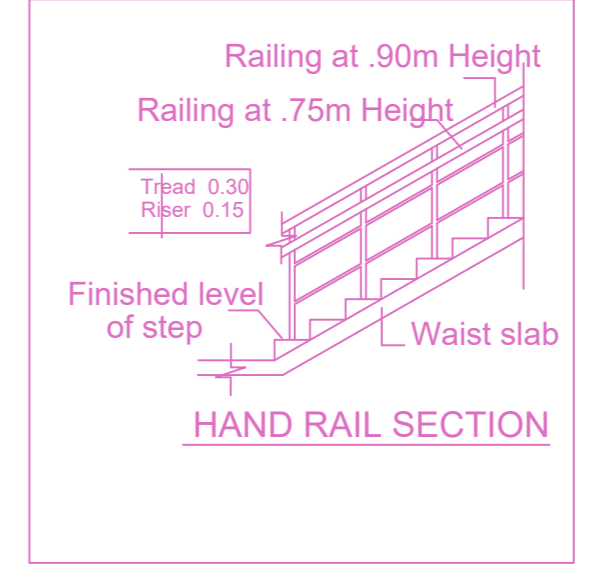
NORTH SIDE ELEVATION



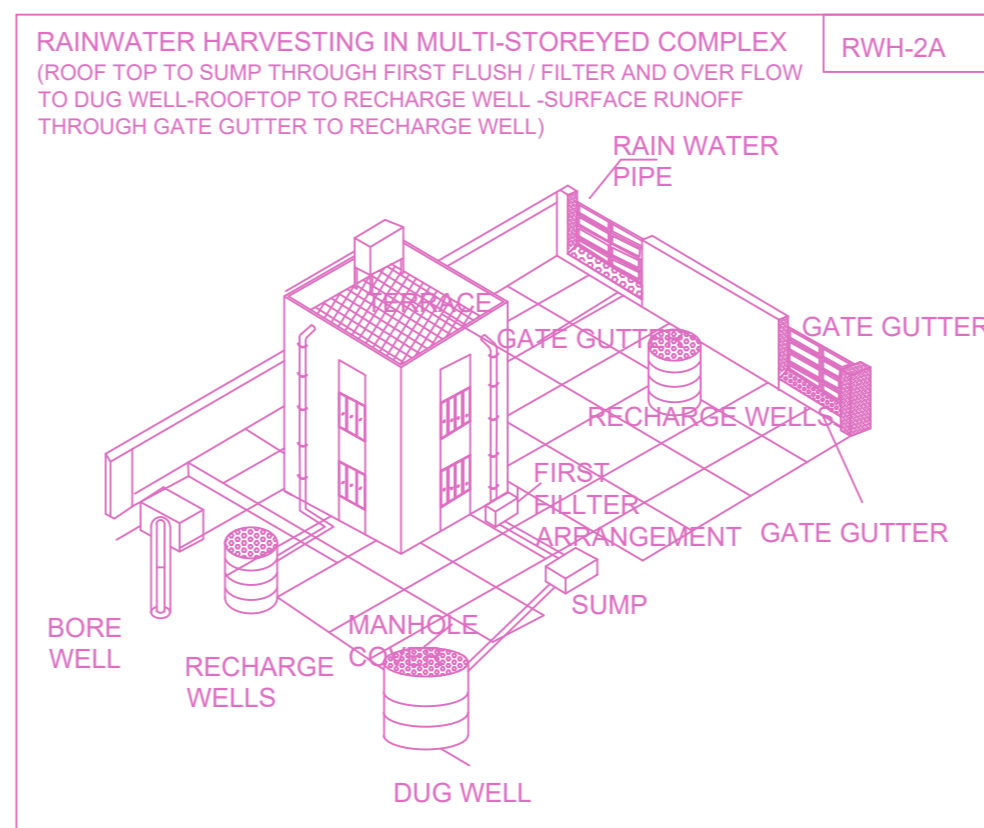
SECTION "AA"



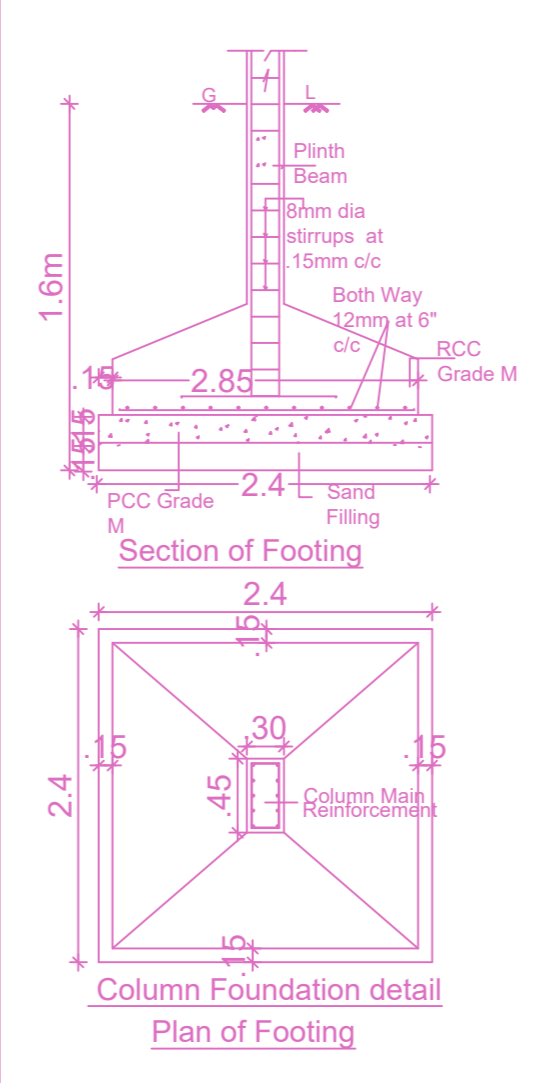
Gate Detail



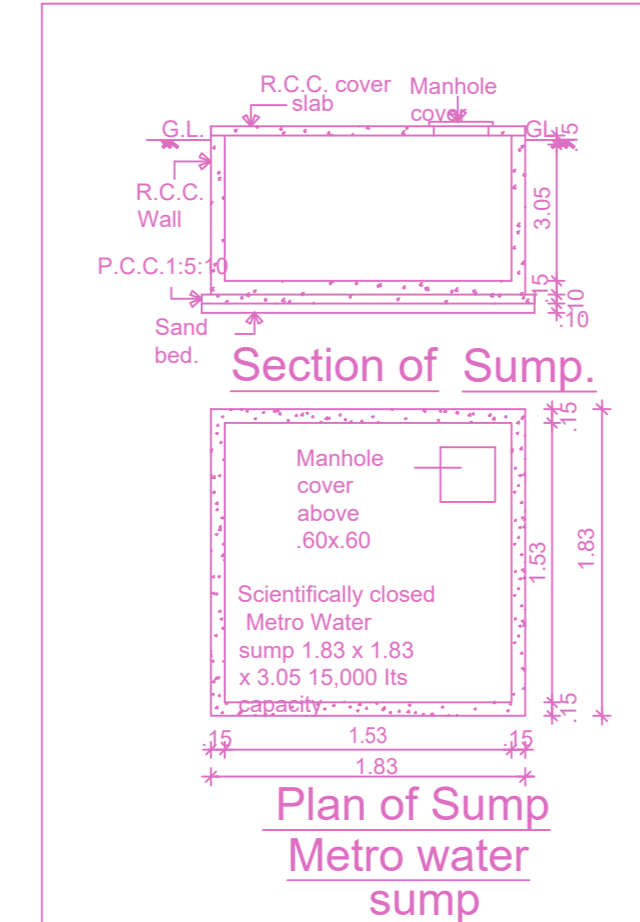
HAND RAIL SECTION



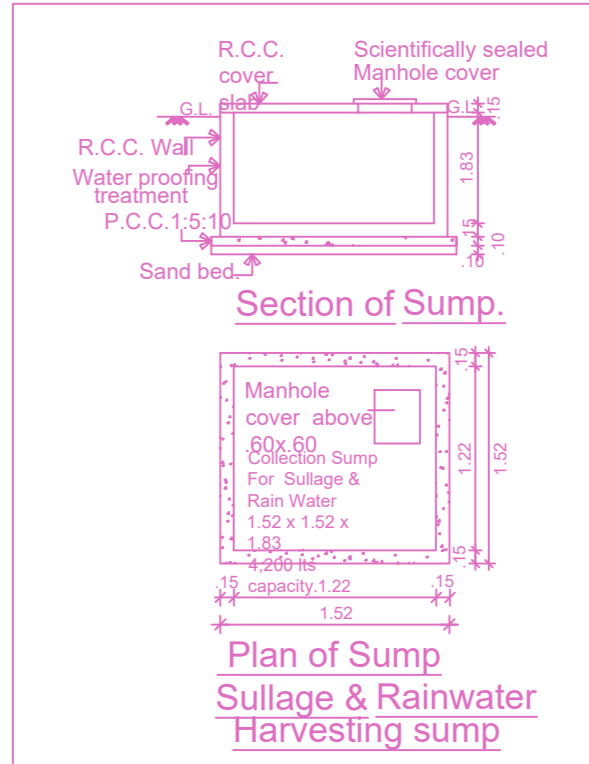
RAINWATER HARVESTING IN MULTI-STORIED COMPLEX



Section of Footing



Section of Sump



Section of Sump

PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILL FLOOR + 3 FLOORS (HEIGHT 12.00M) RESIDENTIAL BUILDING WITH 8 DWELLING UNITS AT PLOT NO.1, GAGAIAMMAN KOIL STREET, KARAPAKKAM, CHENNAI COMPRISED IN OLD S.NO.158/D1A1APART, NEW S.NO.158/5A2 OF KARAPAKKAM VILLAGE WITHIN THE LIMITS OF GREATER CHENNAI CORPORATION.

AREA STATEMENT	SQ.M.
AREA AS PER PATTA	497.00
AREA AS PER DOCUMENT	497.26
AREA CONSIDERED FOR FSI	497.00
STREET ALIGNMENT/ ROAD WIDENING LINK ROAD	0.00
OSR AREA	0.00
TOTAL FSI AREA	997.83
FSI FACTOR	1.998
COVERAGE AREA (PERCENTAGE %)	NA

A) PARKING STATEMENT

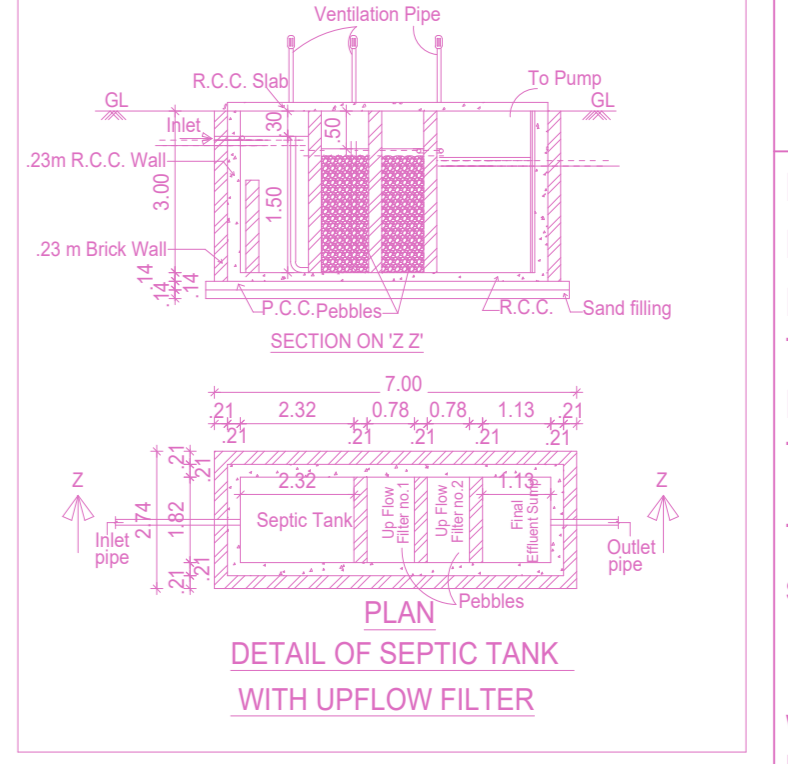
VEHICLE	REQUIRED	PROVIDED
LORRY	-	0
CAR	16	10
TWO WHEELER	0	0
CYCLE	-	0

FLOOR WISE FSI STATEMENT: BLOCK (A)

FLOORS	COMM.	RES.	IND.	INST.	DU	TOTAL FSI AREA
STILL PARKING FLOOR	0.00	28.81	0.00	0.00	0	28.81
FIRST FLOOR	0.00	325.77	0.00	0.00	3	325.77
SECOND FLOOR	0.00	325.77	0.00	0.00	3	325.77
THIRD FLOOR	0.00	307.48	0.00	0.00	2	307.48
Terrace	0.00	0.00	0.00	0.00	0	0.00
Total	0.00	987.83	0.00	0.00	8	987.83

BUILDING WISE FSI STATEMENT

BUILDING	NO OF SAME BUILDING	COMM.	RES.	IND.	INST.	DU	TOTAL FSI AREA
BLOCK-1 (A)	1	0.00	987.83	0.00	0.00	8	987.83
Total	1	0.00	987.83	0.00	0.00	8	987.83

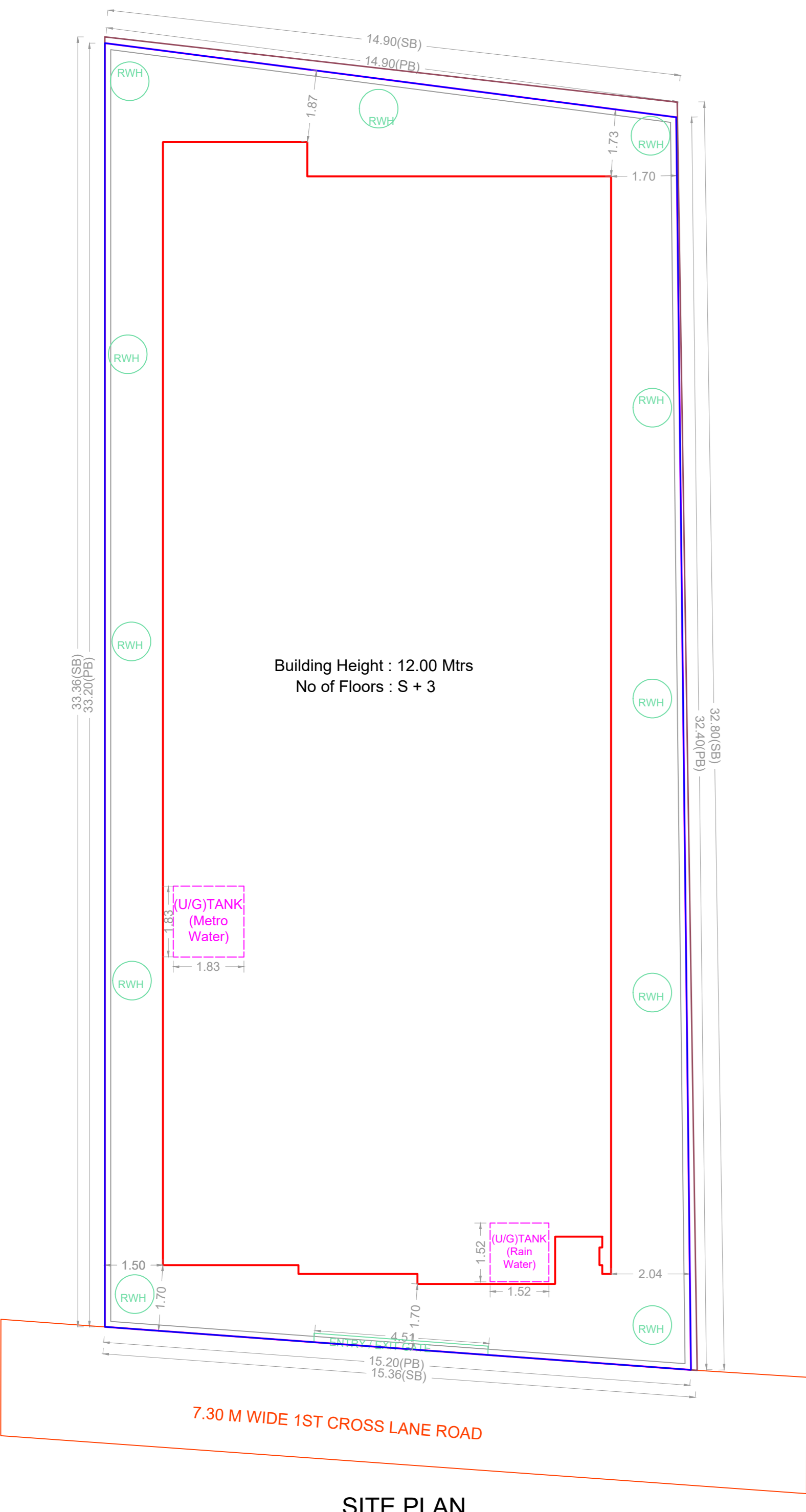


DESIGN OF SEPTIC TANK WITH UP FLOW FILTERS.

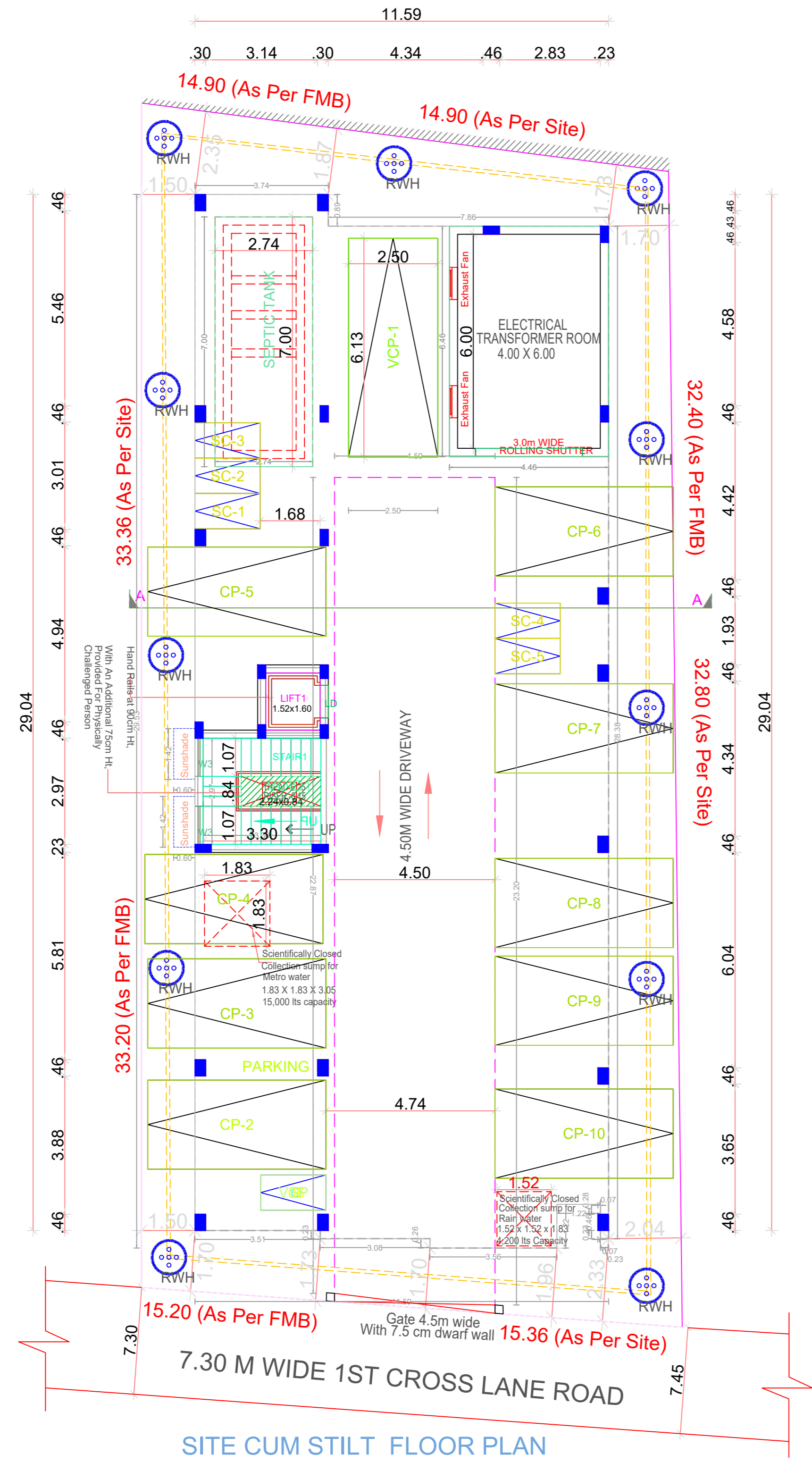
No. of dwellings - 8 units
 No. of Users - 5X8 = 40nos.
 Rate of water supply - 75 LPH/Day.
 Then flow of sewage per day - 40x75= 3000 Lts/Day.
 Detention period is - 18 Hrs.
 Tank capacity - 3000x18 = 22500 Lts.
 The tank is to be cleared every year. So the sludge storage capacity at the rate of 15Lts./person/year. = 15x40 = 600
 Septic tank having the capacity of - 11m3
 Depth of liquid as - 3.00
 Plan of the Tank - 16 = 5.33
 Breadth of the Tank - 3.0
 Length of the Tank - 3.00
 Free board of the Tank - 0.30
 Total depth of the Tank - 2.70+3.0 = 3.00
 PROVIDE SEPTIC TANK OF THE SIZE - 2.13x3.00x2.70

UP FLOW FILTERS
 Discharge for 3 persons - 1125 Lts.
 Volume - 3.00x0.98=2.94
 Depth - 1.80m-0.50m = 1.30
 Plan area required - 2.94 = 2.26 m2
 2.10

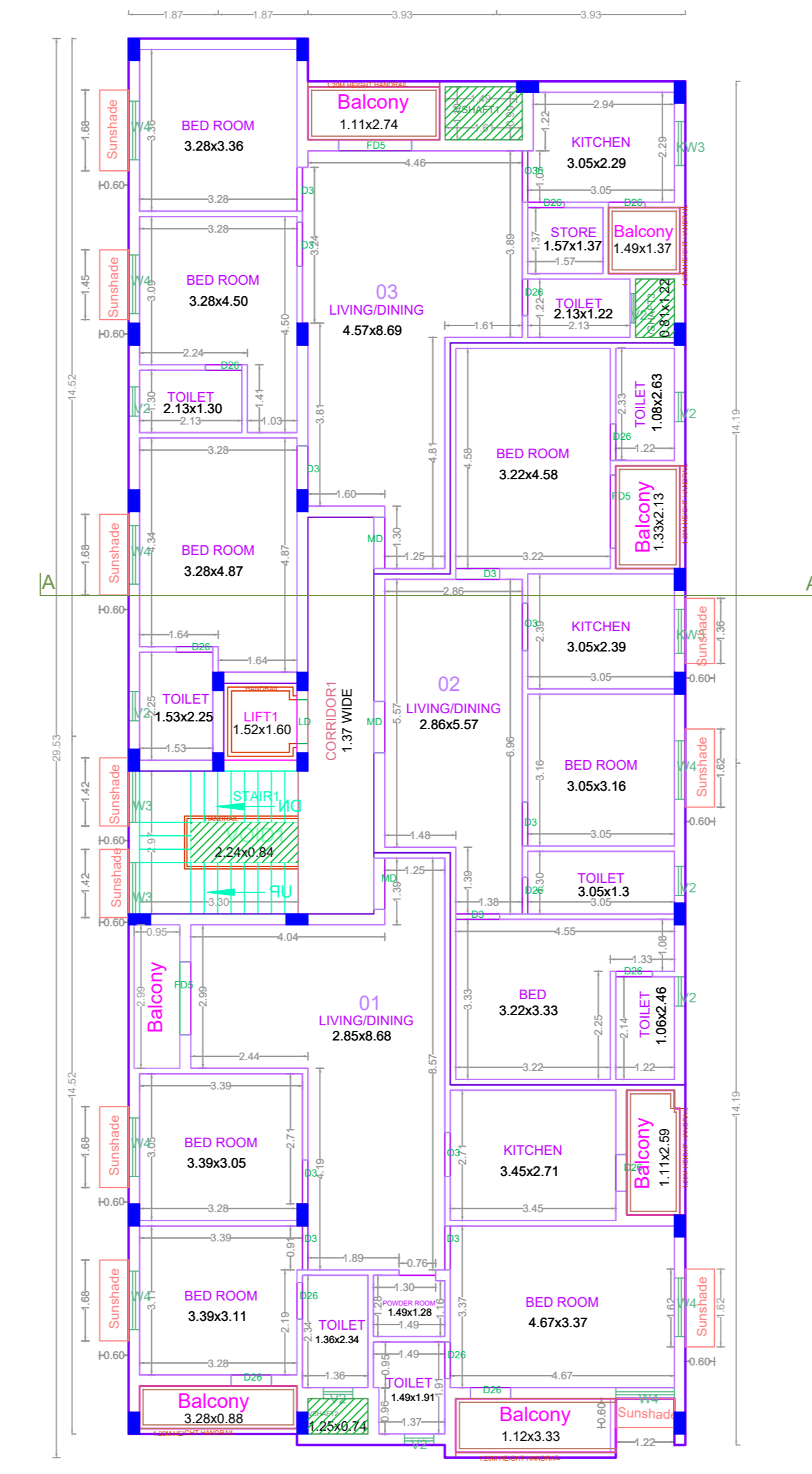
SIZE OF THE FINAL EFFLUENT SUMP - 1.21x1.52x1.80
 UP FLOW FILTER NO.1 - 0.78x1.52x1.80
 UP FLOW FILTER NO.2 - 0.78x1.52x1.80



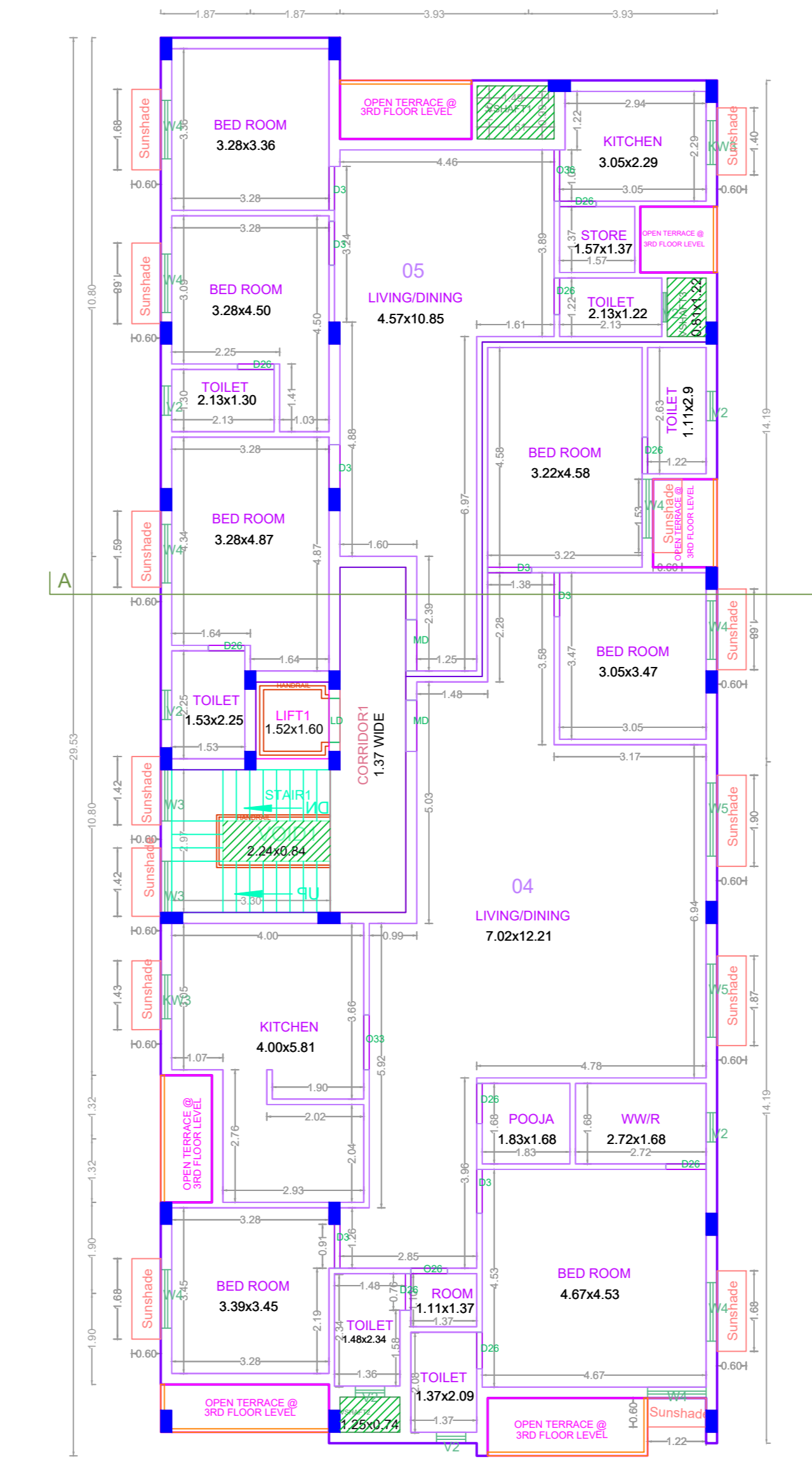
SITE PLAN



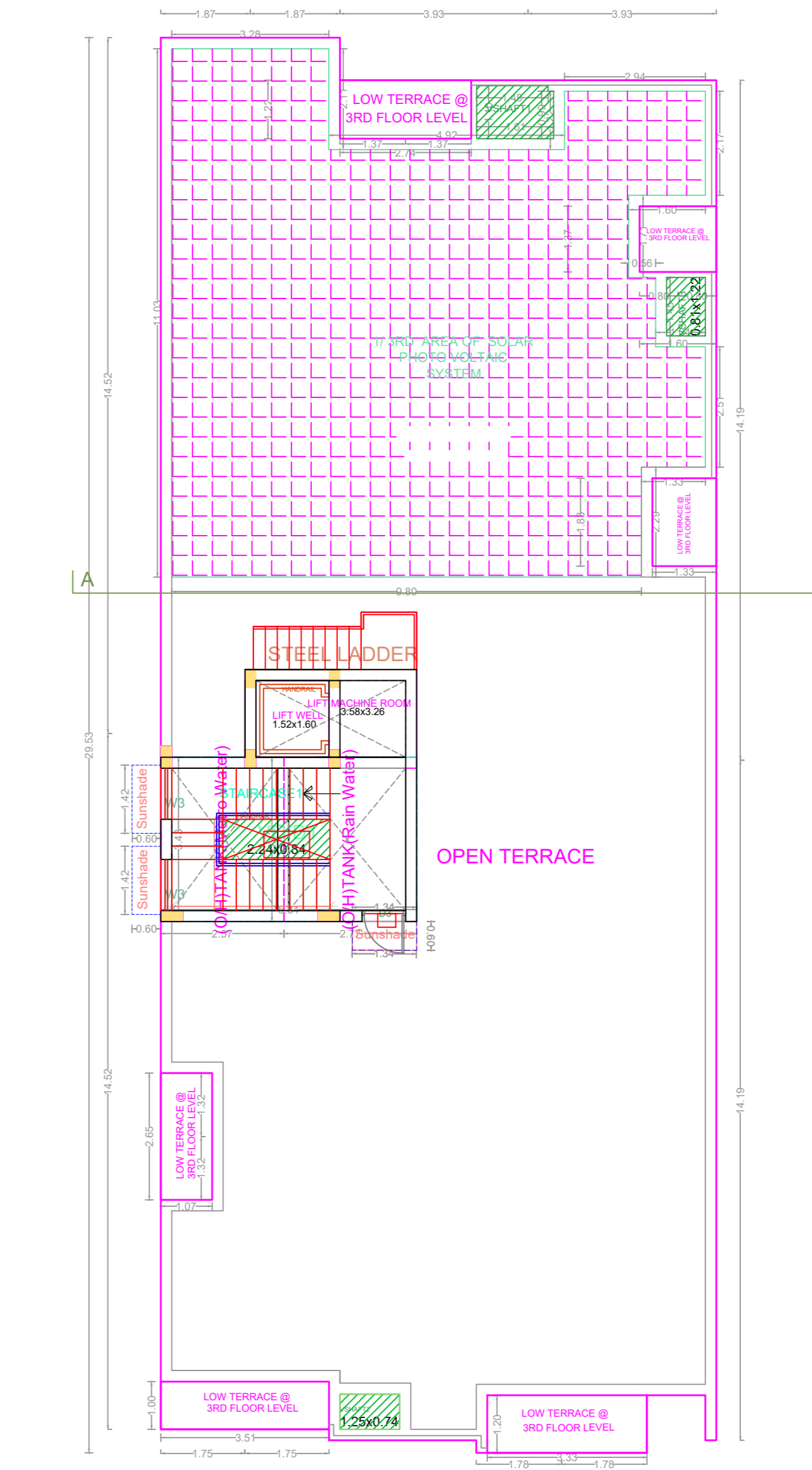
SITE CUM STILL FLOOR PLAN



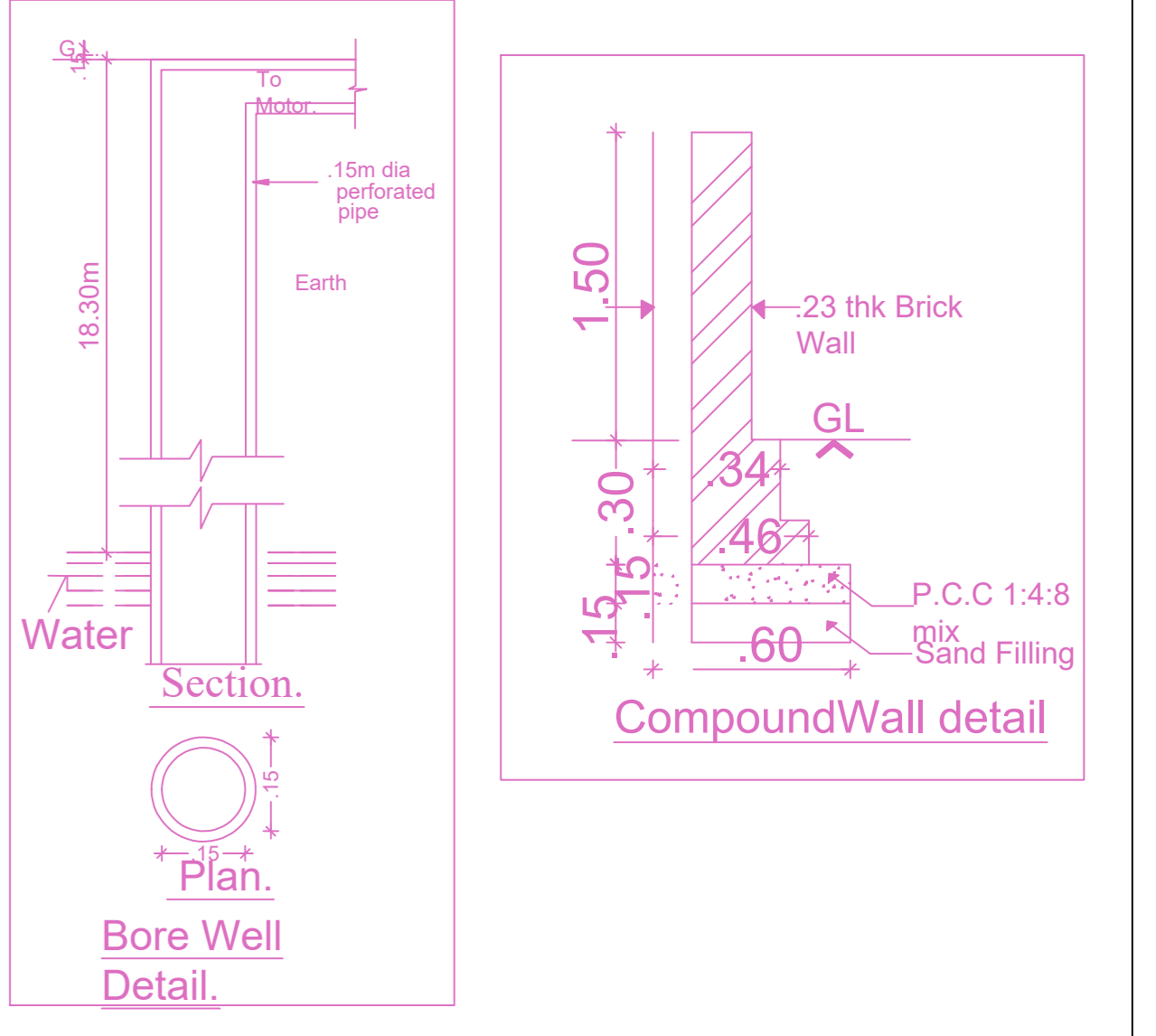
TYPICAL FLOOR PLAN (1st & 2nd Floors)



THIRD FLOOR PLAN



TERRACE FLOOR PLAN



Compound Wall detail

APPROVAL CONDITION

SCALE 1:100

CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY
 APPROVED

SUBJECT TO THE CONDITIONS MENTIONED IN THIS OFFICE