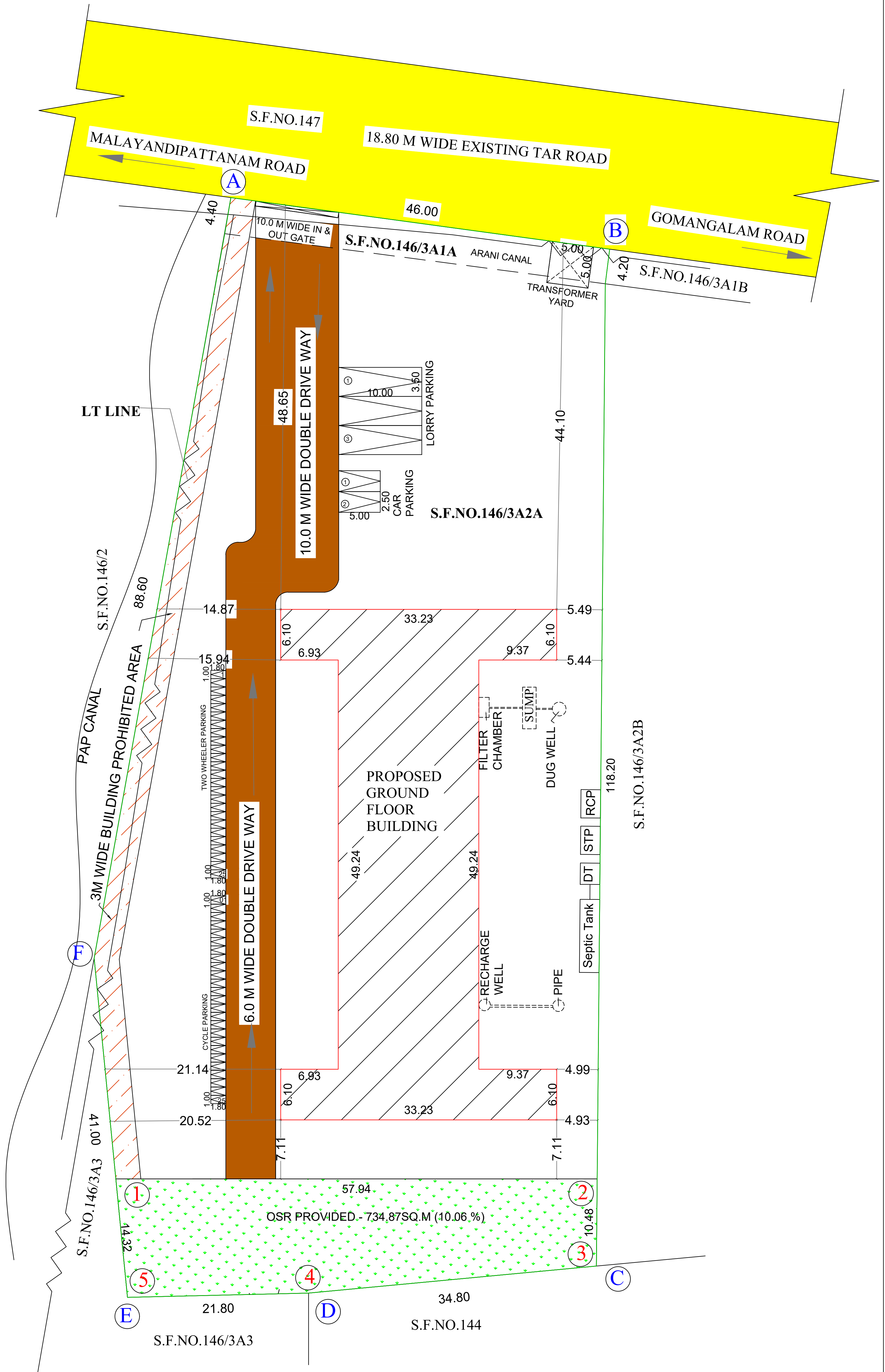
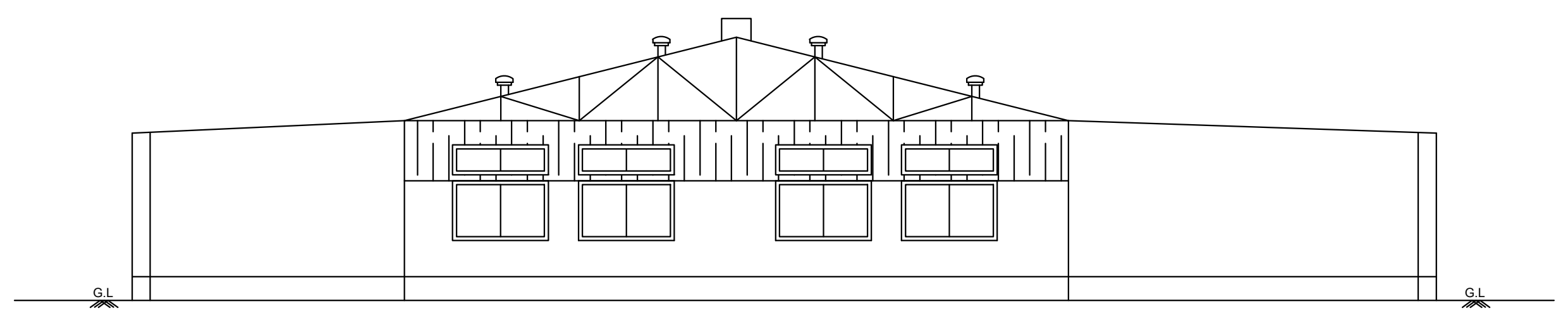
SITE AND DETAIL PLAN SHOWING THE PROPOSED CONSTRUCTION OF GALVANIZED IRON SHEET ROOF OF COIR CARPET WEAVING (MATS TUFTING) GREEN CATEGORY INDUSTRIAL BUILDING WITH 135 HP IN S.F.NO.146/3A1A & 146/3A2A AT GOMANGALAM VILLAGE / PANCHAYAT, POLLACHI TALUK, COIMBATORE DISTRICT.

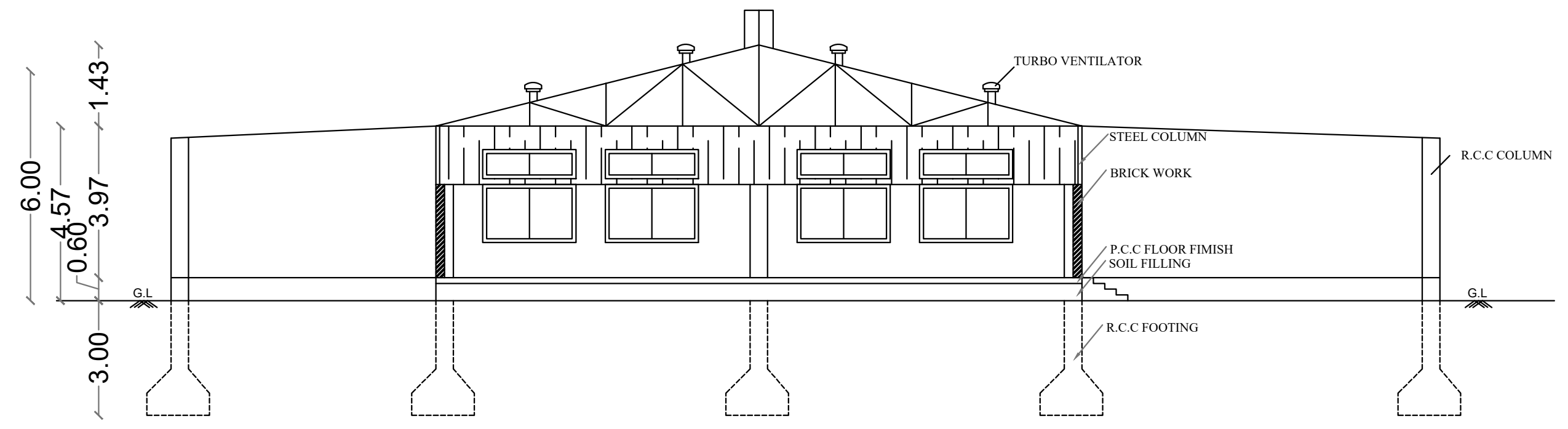
APPLICANT :
Mr.S.PONNAMBALAM & VIPIN P SUBRAMONIAM



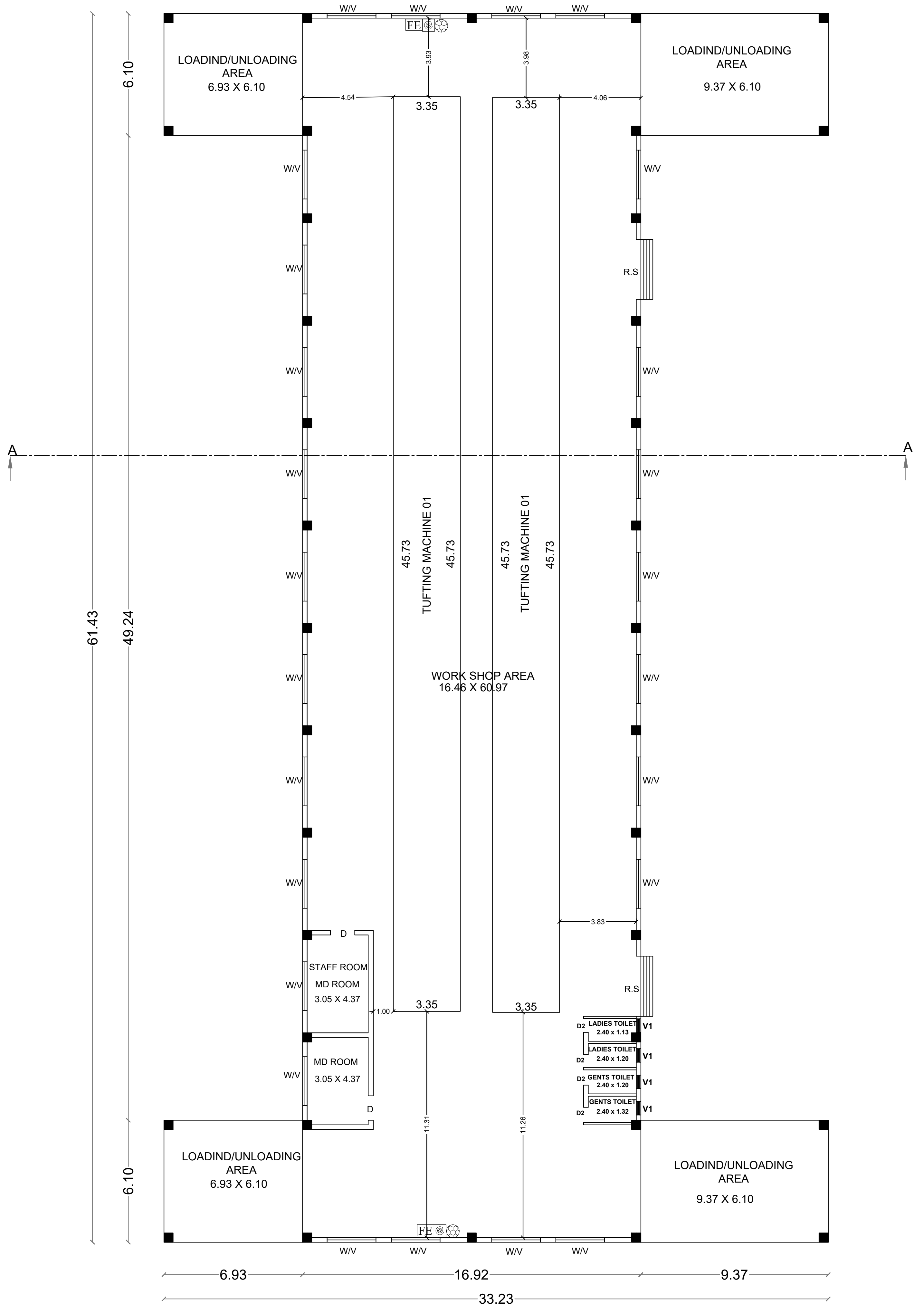
SITE PLAN
(SCALE - 1:200)



FRONT ELEVATION



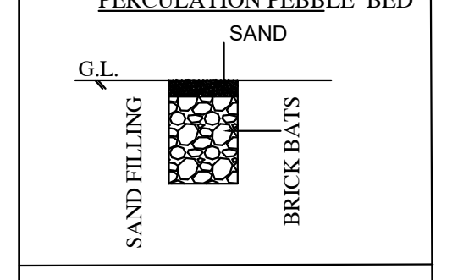
SECTION "AA"

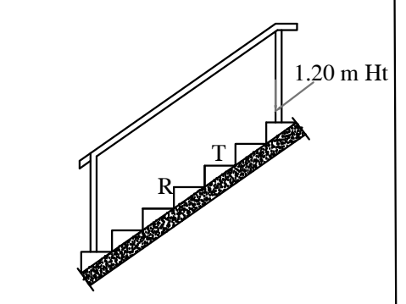


GROUND FLOOR

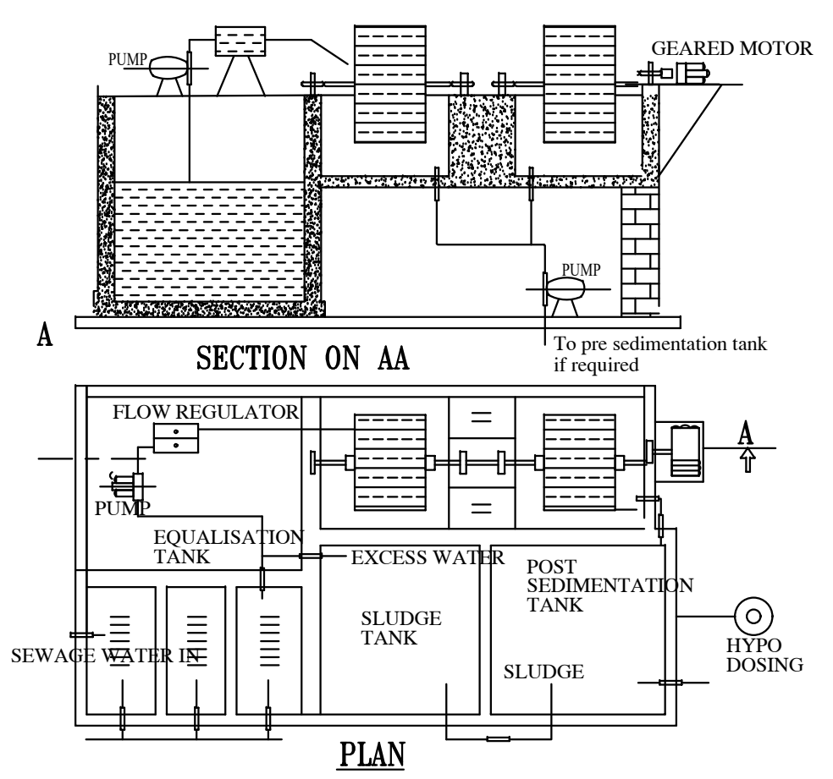
DETAIL PLAN
SCALE (1:100)

DETAILED PLAN OF RAINWATER PERCULATION PEBBLE BED

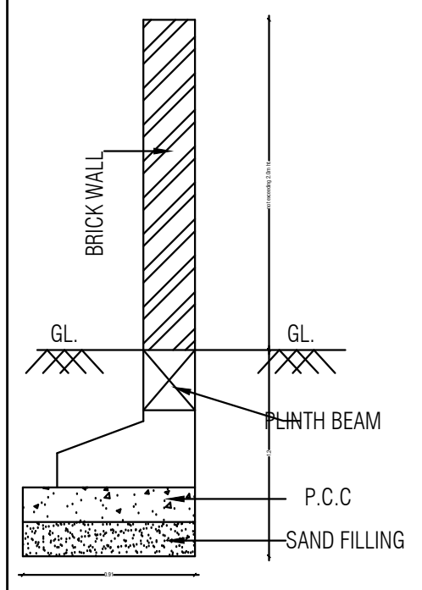




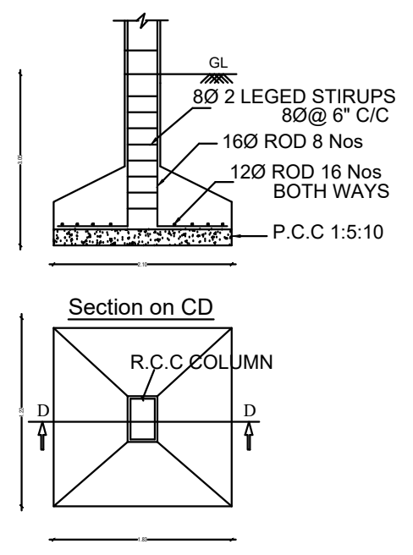
T - TREAD : 0.30M
R - RISE : 0.15 M
W - WIDTH : 1.53 m
HAND RAIL : 1.20 m



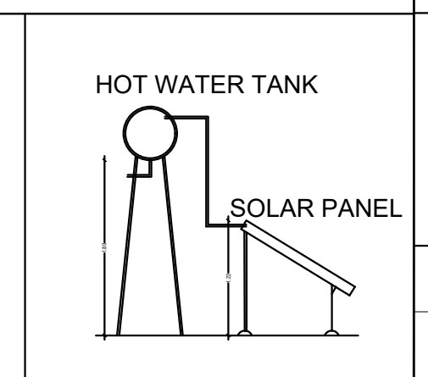
SEWAGE TREATMENT PLANT DETAILS
(WASTE WATER RECYCLING UNIT)



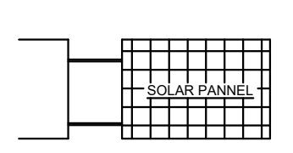
COMPOUND WALL DETAIL



FOUNDATION DETAILS
(The above details willbe changed asper the soiltest report & structural Engineer instruction)

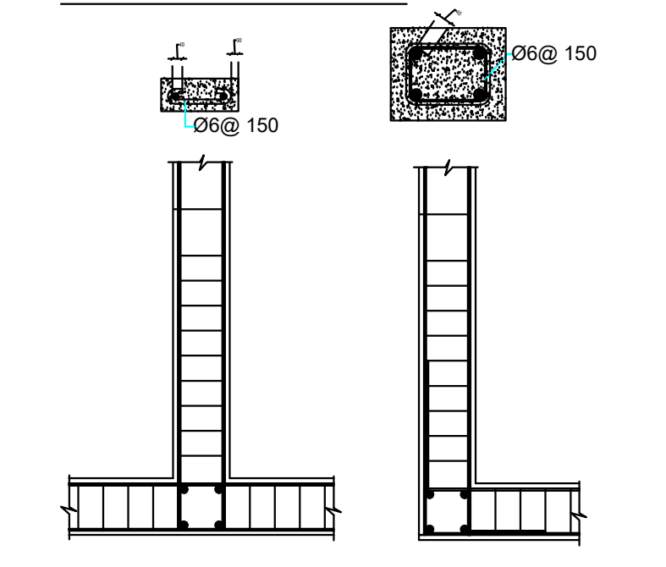


SIDE ELEVATION

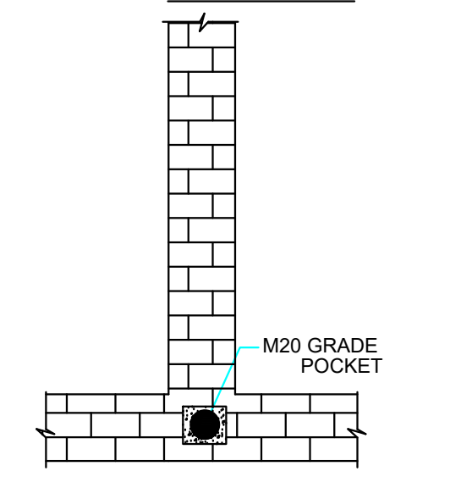


SOLAR WATER HEATER
(Not to scale)

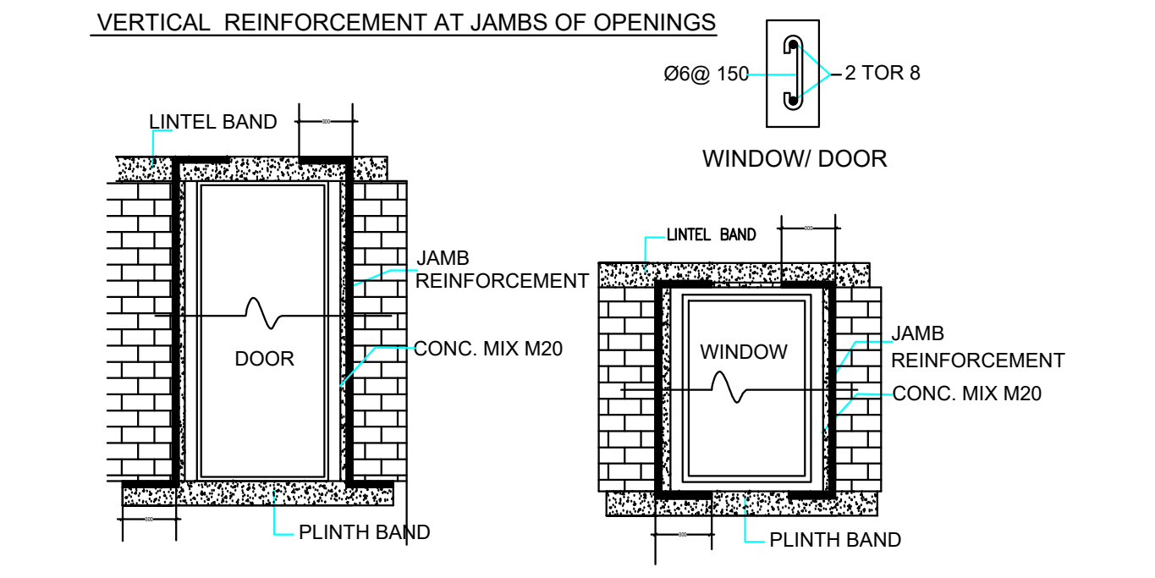
HORIZONTAL SEISMIC BANDS



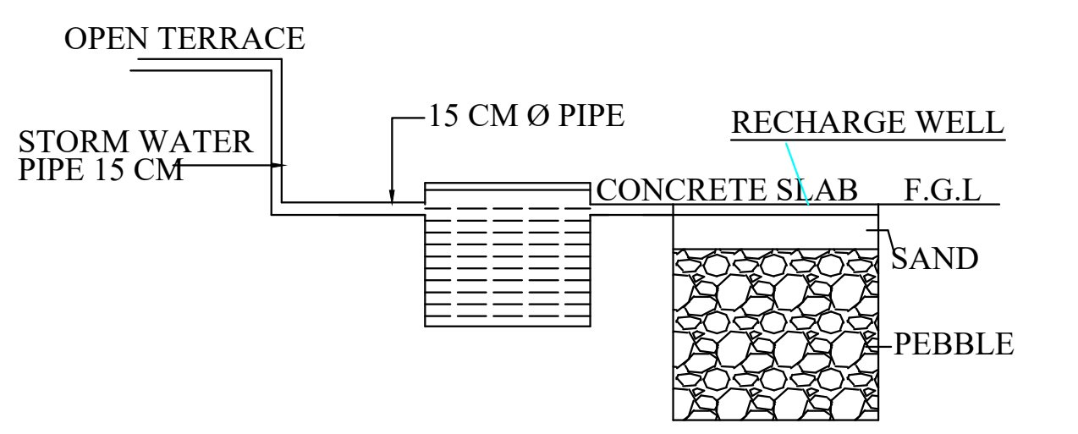
VERTICAL REINFORCEMENT IN BRICK WALLS



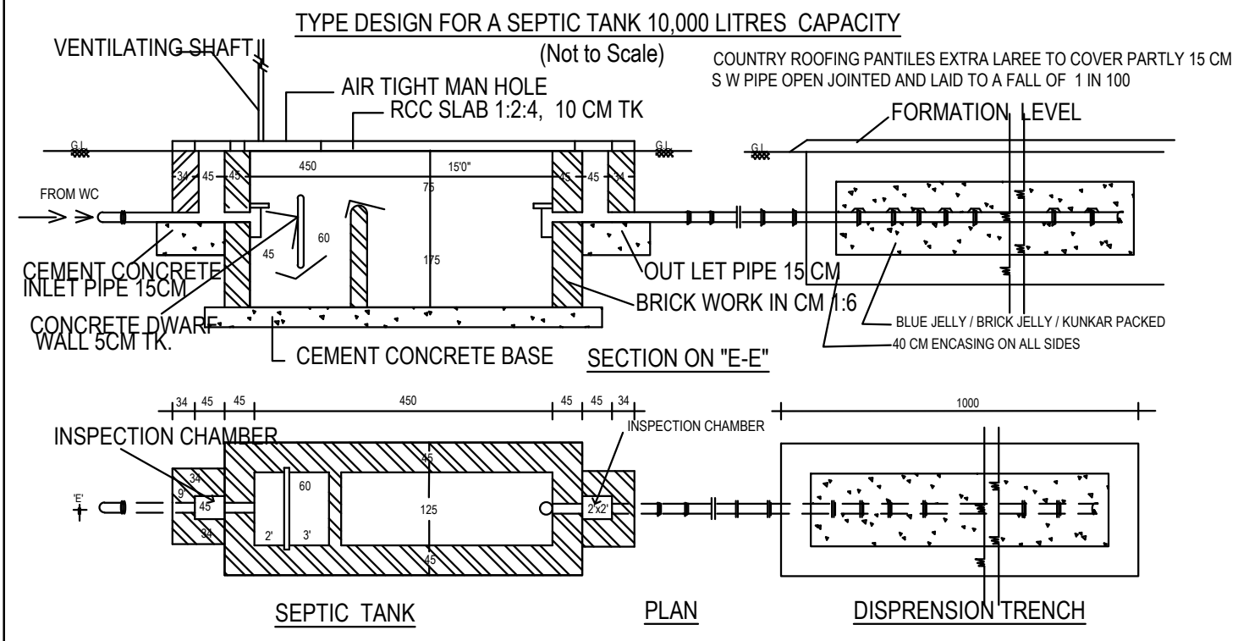
VERTICAL REINFORCEMENT AT JAMBS OF OPENINGS



RAINWATER HARVESTING SYSTEM



TYPE DESIGN FOR A SEPTIC TANK 10,000 LITRES CAPACITY
(Not to Scale)


VENTILATING SHAFT
AIR TIGHT MAN HOLE
RCC SLAB 1:2:4, 10 CM TK
COUNTRY ROOFING PANTILES EXTRA LAREE TO COVER PARTLY 15 CM
S W PIPE OPEN JOINTED AND LAID TO A FALL OF 1 IN 100
FORMATION LEVEL
G.L
FROM WC
CEMENT CONCRETE INLET PIPE 15CM
CONCRETE DWARF WALL 5CM TK.
CEMENT CONCRETE BASE
SECTION ON "E-E"
OUT LET PIPE 15 CM
BRICK WORK IN CM 1:6
BLUE JELLY / BRICK JELLY / KUNKAR PACKED
40 CM ENCASING ON ALL SIDES
INSPECTION CHAMBER
INSPECTION CHAMBER
450
1000
SEPTIC TANK
PLAN
DISPRENSION TRENCH

REFERENCE

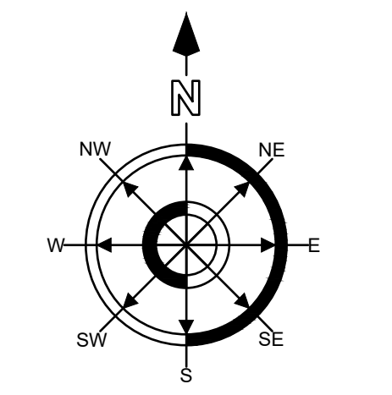
⚽	FIRE ALARM SYSTEM
◎	HOSE REEL
FE	FIRE FIGHTING EQUIPMENTS
DRINKING WATER	DRINKING WATER

SUPERVISOR - Mr.PADMANABAN

COLOR INDEX:

SITE BOUNDARY	🟩
EXISTING ROAD	🟨
PROPOSED BUILDING	🟥
DRIVEWAY	🟫
OSR	▨

ALL DIMENSIONS ARE IN METER



As Per Patta - 7300.00 Sq.m
As Per Document - 1.80Acres
As Per Super Imposed Site Area - 7020.57 Sq.m

AREA DETAILS :

S.NO	DESCRIPTION	FSI	NON FSI	TOTAL BUILD UP AREA
GROUND FLOOR		1238.20	-	1238.20
	TOTAL :	1238.20	-	1238.20

$$FSI = \frac{1238.20}{7020.57} = 0.176 < 1.5$$

HEIGHT OF THE BUILDING - 6.00

S.No	Parking Area Description	AREA (Sq.m)	REQUIRED	PROVIDED
1	One Car Space for every 100 Sq.m of Office Floor Area	-	-	2
2	One Two Wheeler Space for every 50 Sq.m of Workshop Floor Area	1238.20	24	25
3	One Cycle Space for every 50 Sq.m of Workshop Floor Area	1238.20	24	25
4	One Lorry Space for every 500 Sq.m of Workshop Floor Area	1238.20	3	3

S.No	DESCRIPTION	
1	R.S- ROLLING SHUTTER	3.00 X 2.44
2	D- DOOR	1.22 X 2.44
3	W- WINDOW	2.44 X 1.52
4	V- VENTILATOR	2.44 X 0.76
5	V1 - VENTILATOR	0.68 X 0.60

MACHINES	NOS	HP	TOTAL H.P
TUFTING MACHINE	2	67.50	135.00
TOTAL			135
No of Workers (No Child Labours)			15 No's

OSR REQUIRED - 730.00 SQ.M (10.0%)
OSR PROVIDED - 734.87 SQ.M (10.06%)

ONLINE APPLICATION No. SWP/BPA/ 005768/2023

SWP / SITE APPROVEL /LP / R (C) No. 122/2023

SWP / BP / DTCP / R (C) No. 22/2023

Er. S. Rammohan, M.E.,
Registered Structural Engineer Grade - 1 (SE)
Registration No · CBE Rgn / SE/Gr-I/2019/05/001
4/101, Vijay Nagar, Udumalai Road,
POLLACHI - 642 003. Ph : 98422 07578

REGISTERED STRUCTURAL ENGINEER:

Er. S. Rammohan, M.E.,
Registered Engineer Grade 1 (RE)
Registration No :CBE Rgn/RE/Gr-I/2019/05/003
4/101, Vijay Nagar, Udumalai Road,
POLLACHI - 642 003. Ph : 98422 07578

REGISTERED ENGINEER

Vipin

APPLICANT

Signature Not Verified
Signed by: Joint Director
Location:Coimbatore
Date:2023.05.03 19:15:09