SITE PLAN SHOWING THE PROPOSED CONSTRUCTION OF GALVALUME SHEET ROOF COTTON GINNING INDUSTRIAL BUILDING IN GROUND FLOOR (“Green” Catogery)(HP-100), AT R.S.F.NO: 807/2B, 817/2, 818/2B, KANGAYAM VILLAGE & MUNICIPALITY, KANGAYAM TALUK, TIRUPPUR DISTRICT.

APPLICANT : Mrs. K.KALYANI , W/o. Mr.KUMARASAMY.

ONLINE APPLICATION N0 - SWP/BPA/0010872/2023
DATED - 21.06.2023

ALL DIMENSIONS ARE IN METRE   SCALE - 1:100

SITE AREA DETAILS:

1.AS PER DOCUMENT	= 15489 SQ.M
2. AS PER PATTA	= 15489 SQ.M
3. SUPER IMPOSED AREA	= 14876 SQ.M

PROPOSED BUILDING AREA DETAILS	FSI AREA (SQ.M)	NON FSI AREA (SQ.M)	TOTAL BUILTUP AREA(SQ.M)
GROUND FLOOR BUILDING	**960.03**	**------------**	**960.03**

FLOOR SPACE INDEX (FSI) $= \frac{\text{F.S.I Area}}{\text{Land Area}} = \frac{960.03}{14876.00} = 0.06$

PLOT COVERAGE (P.C.) $= \frac{\text{GROUND FLOOR AREA}}{\text{Land Area}} = \frac{960.03}{14876.00} = 6.45\%$

OPEN SPACE RESERVATION	REQUIRED	PROVIDED
	1548.0 Sq.m	1561.10 Sq.m (10.07%)

HEIGHT OF THE BUILDING - 8.54 m

PARKING DETAILS	REQUIRED	PROVIDED
1 Cycle Space for every 50.0sq.mt of work shop floor area	19	20
1 Two wheeler Space for every 50.0sq.mt of work shop floor area	19	20
1 Lorry Space for every 500.0sq.mt of work shop floor area	2	4

COLOUR INDEX:

1. APPLICANT SITE BOUNDARY -	🟩
2. PROPOSED BUILDING -	▨
3. APPROACH ROAD -	🟨
4. RAINWATER HARVESTING -	▦
5. DRIVE WAY -	🟧

NO.OF.LABOURS/DAY - 10

MACHINERIES HP DETAILS:

S.NO	NAME OF THE MACHINE	NO.OF MACHINE	PROPOSED HP
1.	COTTON GINNING MACHINE	12 NOS	100.00

DETAILS OF JOINARIES

REFERENCE	DESCRIPTION	SIZE(IN METRES)
R.S	ROLLING SHUTTER	3.05 X 3.05
D	DOOR	0.91 X 2.13
W	WINDOW	1.82 X 1.37
V	VENTILATOR	1.82 X 0.76
V1	VENTILATOR	0.60 X 0.76

K. கல்யாணி

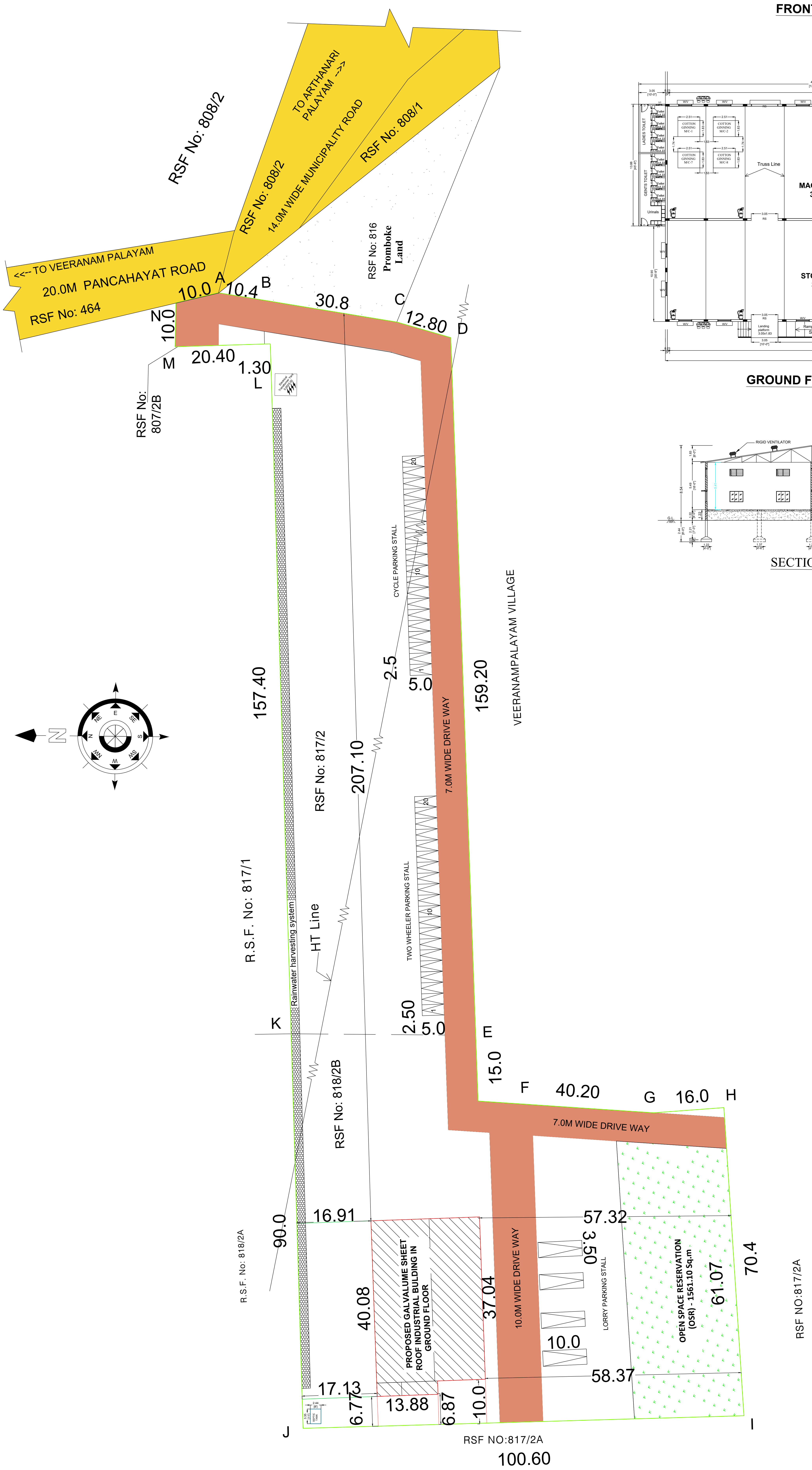
APPLICANT

Er. V. SANTHOSHKUMAR
M.E, M.B.A, A.I.V, M.I.E, MSC, M.I.A.Cns.E, PG DIP(VAL)
Registered Structural Engineer
Reg. No. 03/2019/RSE - GR - II/ ELPA

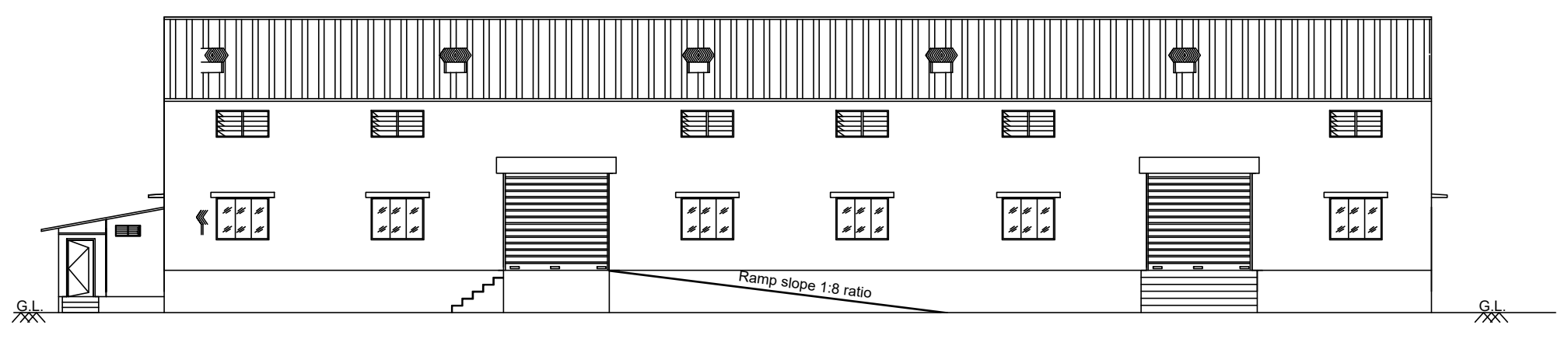
REGISTERED STRUCTURAL ENGINEER

Er.R. KUMARIANANDAN, B.E, M.E, R.E (Dtcp & Corp),
Registered Engineer & Consulting Civil Engineer
DTCP Reg. No : DTCP/NAMAKKAL/RE-II/003/2021
Erode Corp Reg.No : 056/L5/2019/00026
D.No: H40/120, First Floor, Near IOB & BOB Bank,
Opp. Green Park Apartments, Periyar Nagar
Erode - 638 009. Ph : 90__55 28102

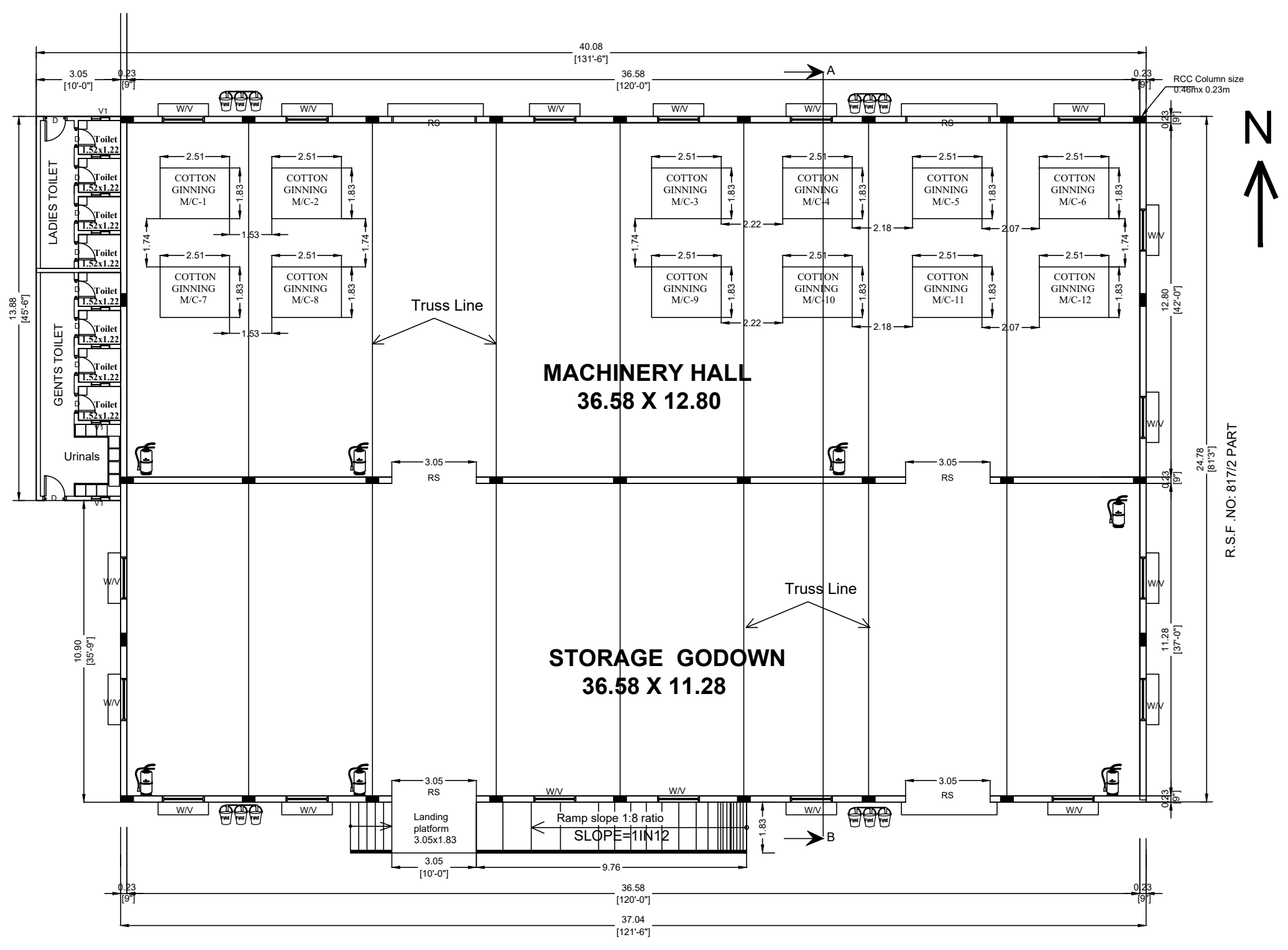
REGISTERED ENGINEER



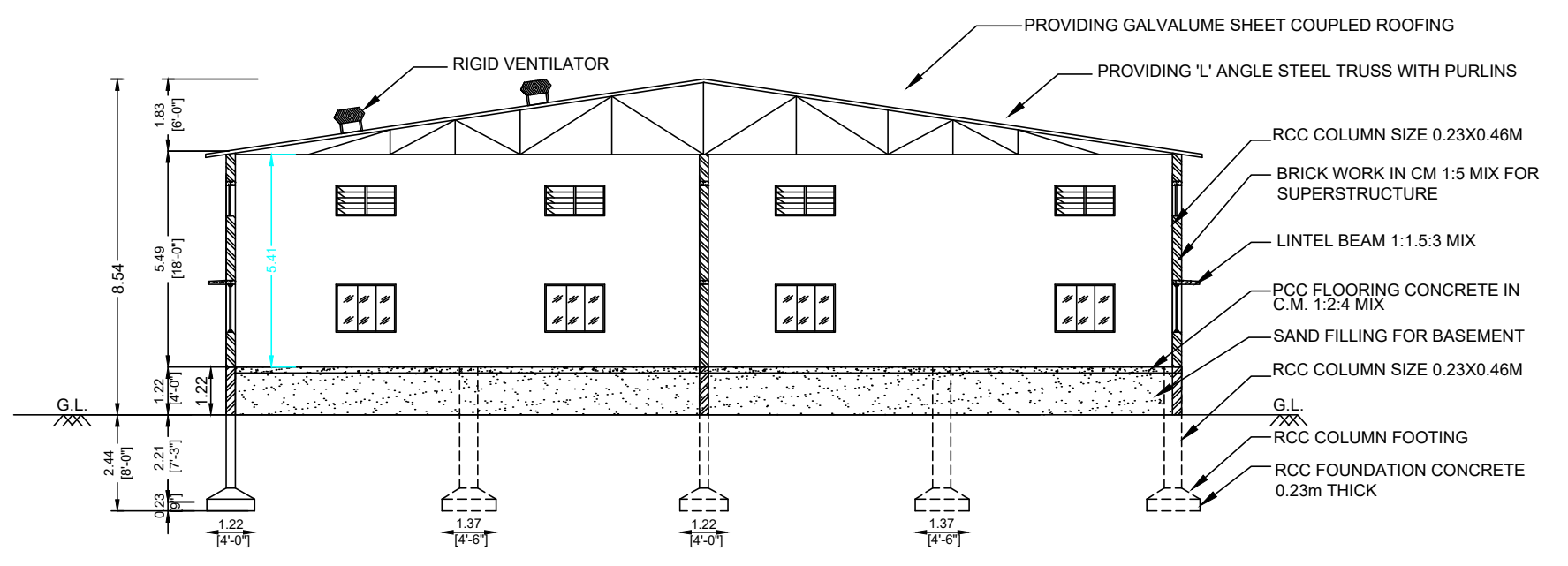
SITE PLAN (SCALE - 1:200)



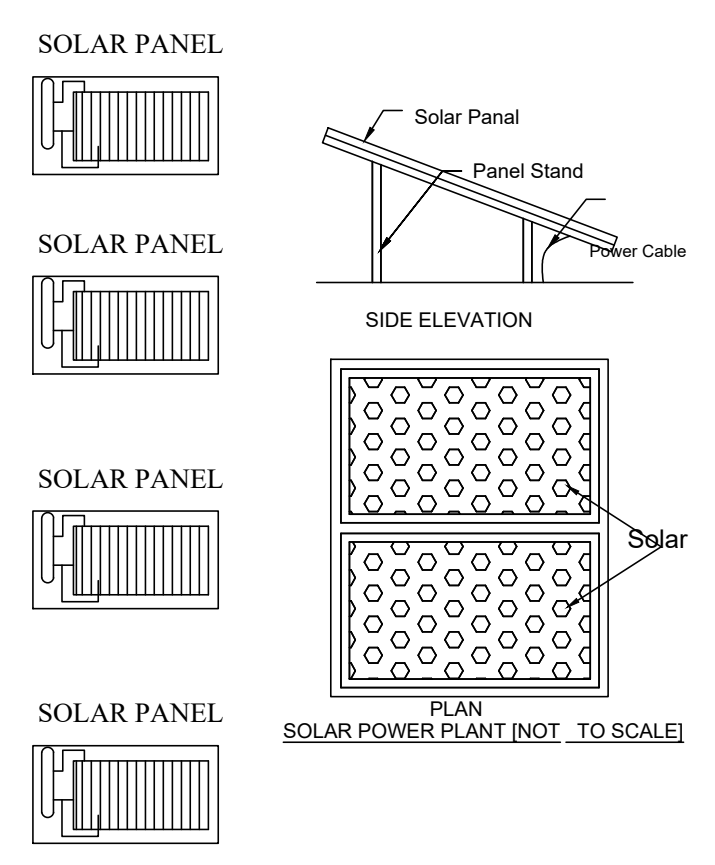
FRONT ELEVATION



GROUND FLOOR PLAN **(SCALE - 1:100)**

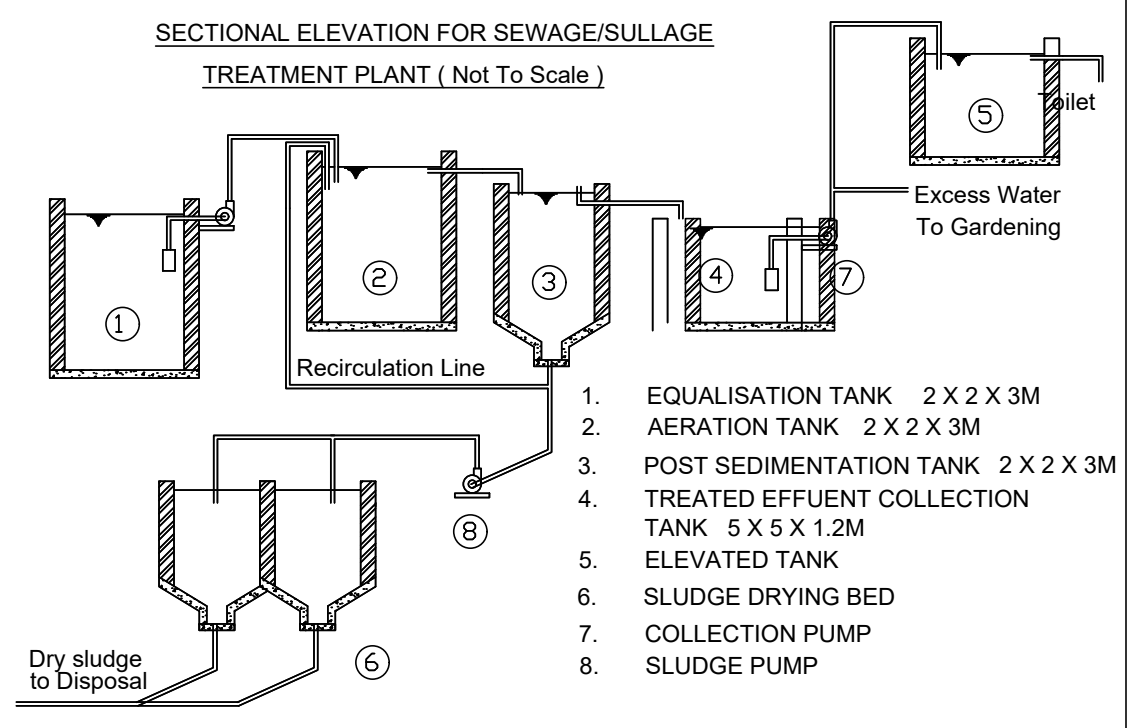

RIGID VENTILATOR
PROVIDING GALVALUME SHEET COUPLED ROOFING
PROVIDING 'L' ANGLE STEEL TRUSS WITH PURLINS
RCC COLUMN SIZE 0.23X0.46M
BRICK WORK IN CM 1:5 MIX FOR SUPERSTRUCTURE
LINTEL BEAM 1:1.5:3 MIX
PCC FLOORING CONCRETE IN C.M. 1:2:4 MIX
SAND FILLING FOR BASEMENT
RCC COLUMN SIZE 0.23X0.46M
RCC COLUMN FOOTING
RCC FOUNDATION CONCRETE 0.23m THICK
G.L.
8.54
1.83 [6'-0"]
5.49 [18'-0"]
5.41
1.22 [4'-0"]
2.44 [8'-0"]
2.21 [7'-3"]
0.23 [9"]
1.22 [4'-0"]
1.37 [4'-6"]

SECTION ON 'A-B'

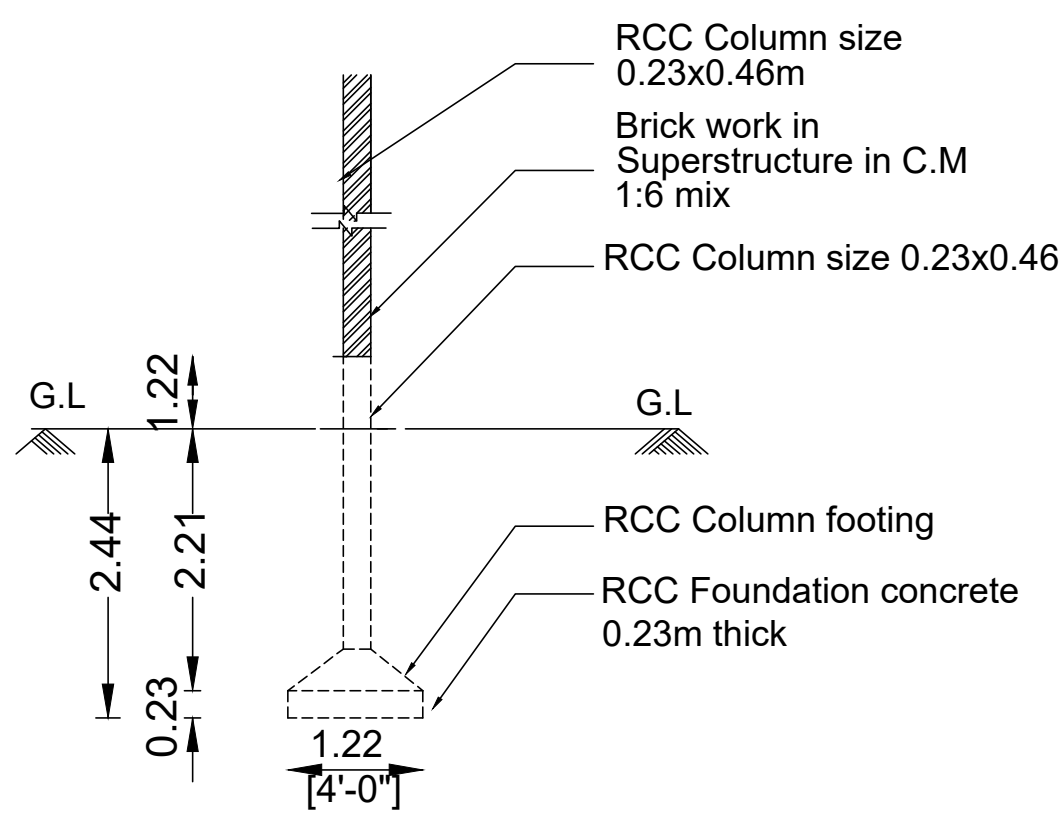


SOLAR POWER PLANT [NOT TO SCALE]

SECTIONAL ELEVATION FOR SEWAGE/SULLAGE TREATMENT PLANT (Not To Scale)

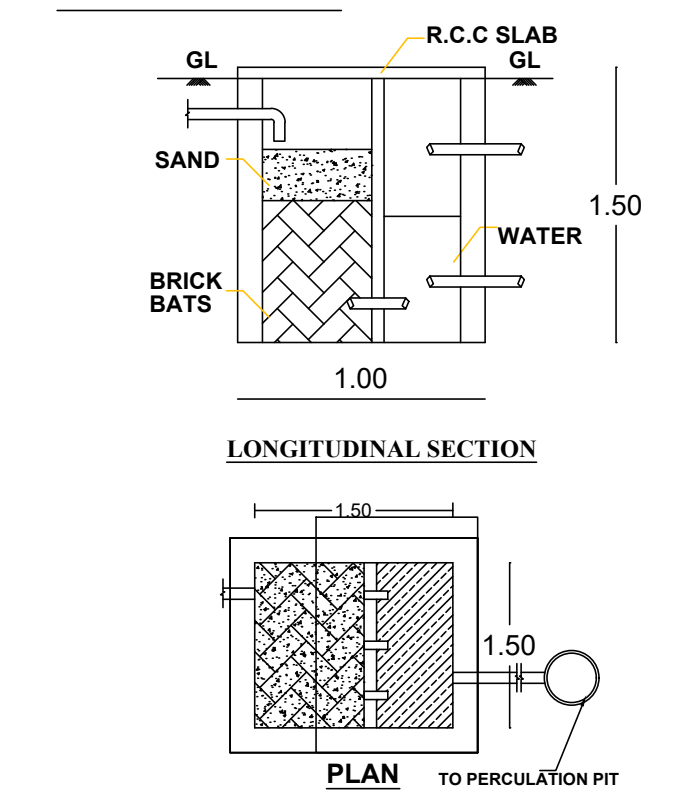


1. EQUALISATION TANK 2 X 2 X 3M
2. AERATION TANK 2 X 2 X 3M
3. POST SEDIMENTATION TANK 2 X 2 X 3M
4. TREATED EFFUENT COLLECTION TANK 5 X 5 X 1.2M
5. ELEVATED TANK
6. SLUDGE DRYING BED
7. COLLECTION PUMP
8. SLUDGE PUMP

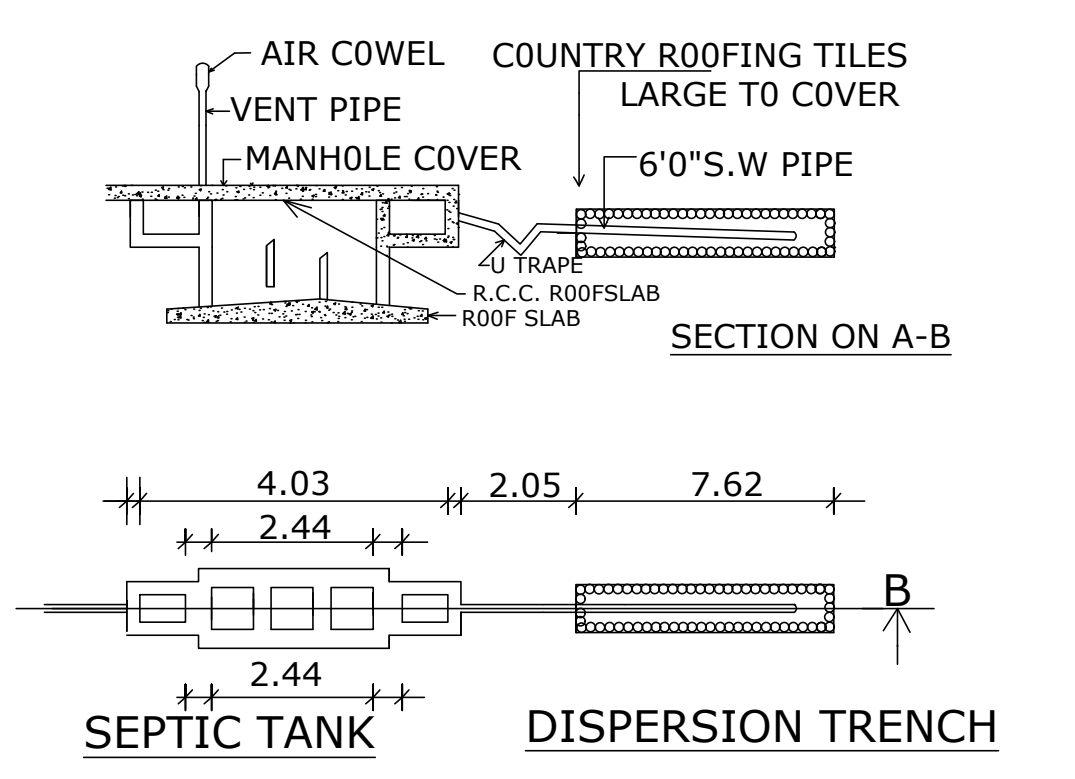

RCC Column size 0.23x0.46m
Brick work in Superstructure in C.M 1:6 mix
RCC Column size 0.23x0.46m
G.L
G.L
1.22
2.44
2.21
0.23
RCC Column footing
RCC Foundation concrete 0.23m thick
1.22 [4'-0"]

FOUNDATION SECTION

RAIN WATER HARVESTING FILTER BED



PLAN OF SEPTIC TANK & DISPERSION TRENCH CAPACITY OF 2500 LITTERS.



BP/TCP[TD] NO - 74/2023
Supervisor : Tmt.Sebasti Rosali
Surveyor/A.D.Man : Thiru.Ragesh ravi

Signature Not Verified