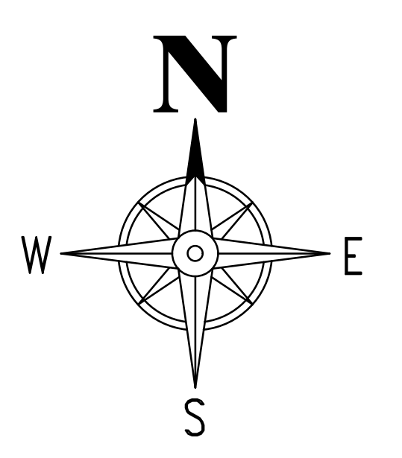
PLAN SHOWING THE PROPOSED CONSTRUCTION OF A.C SHEET ROOF ORANGE CATEGORY MACHINERY HALL INDUSTRIAL BUILDING (150.00 H.P SPINNING MILL) IN R.S.F.NO:- 1192/2A, AT VELLAKOVIL VILLAGE &MUNICIPLTY,KANGAYAM TALUK, TIRUPPUR DISTRICT

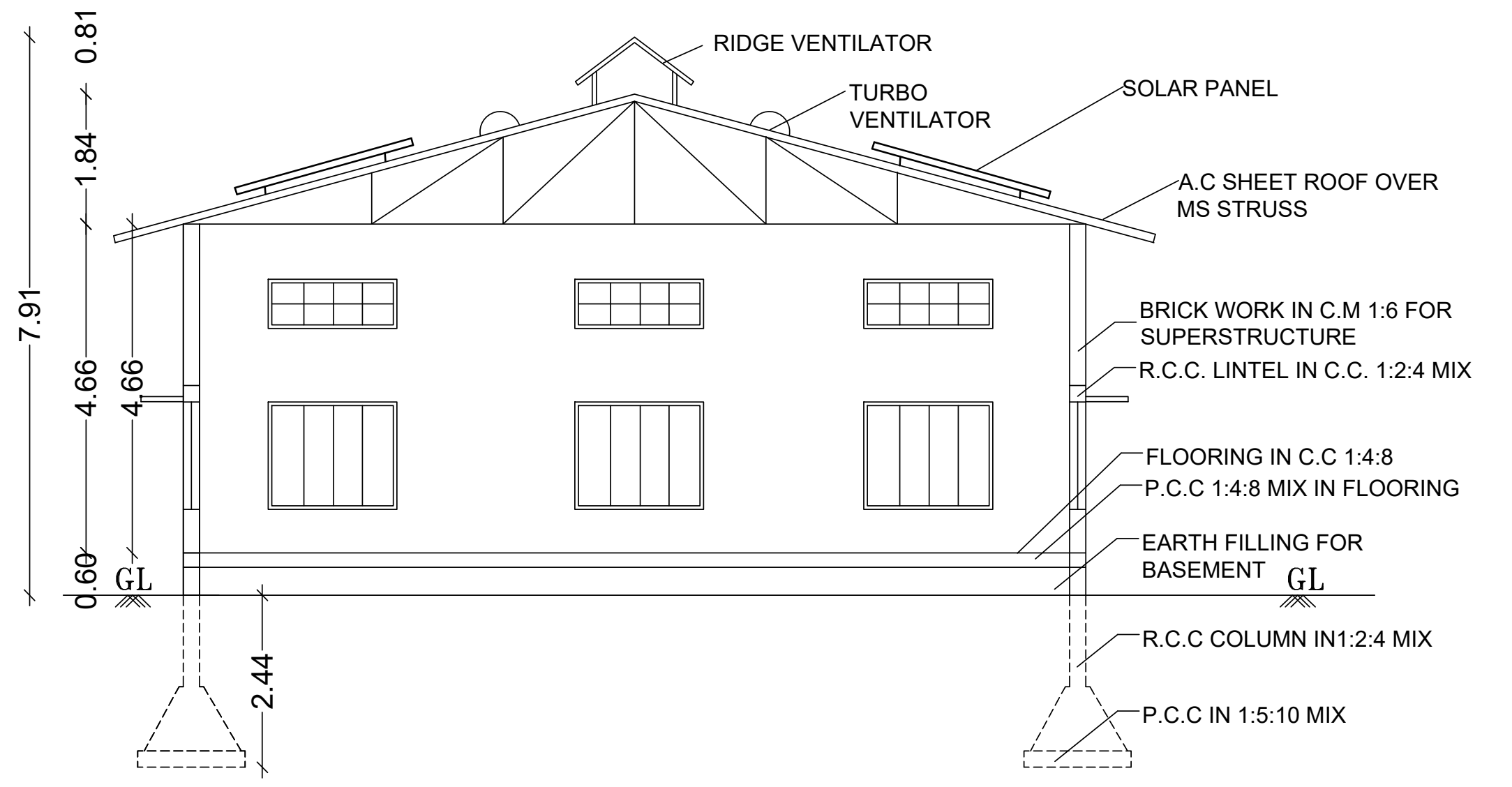
APPLICANT:- Mr.R.UDAIYARSAMY, S/O.Mr.RAJA.

Scale:- 1:100

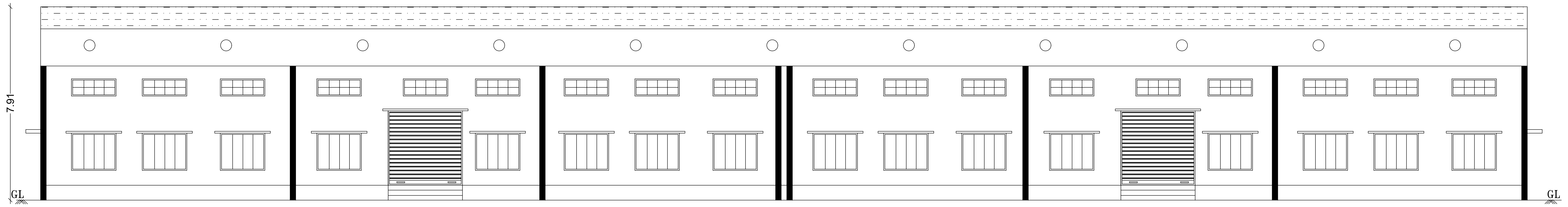
All Dimensions are in "Meter"

ONLINE APPLICATION :SWP/BPA/007879/2023, DATED:07/03/2023

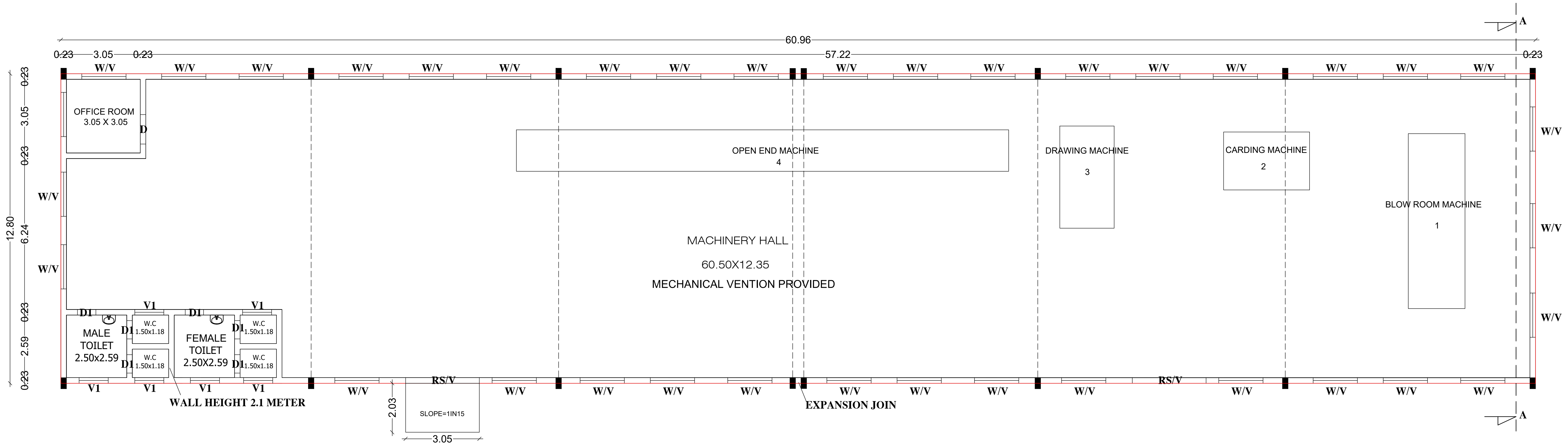



RIDGE VENTILATOR
TURBO VENTILATOR
SOLAR PANEL
A.C SHEET ROOF OVER MS STRUSS
BRICK WORK IN C.M 1:6 FOR SUPERSTRUCTURE
R.C.C. LINTEL IN C.C. 1:2:4 MIX
FLOORING IN C.C 1:4:8
P.C.C 1:4:8 MIX IN FLOORING
EARTH FILLING FOR BASEMENT
R.C.C COLUMN IN1:2:4 MIX
P.C.C IN 1:5:10 MIX
GL
7.91
0.81
1.84
4.66
4.66
0.60
2.44

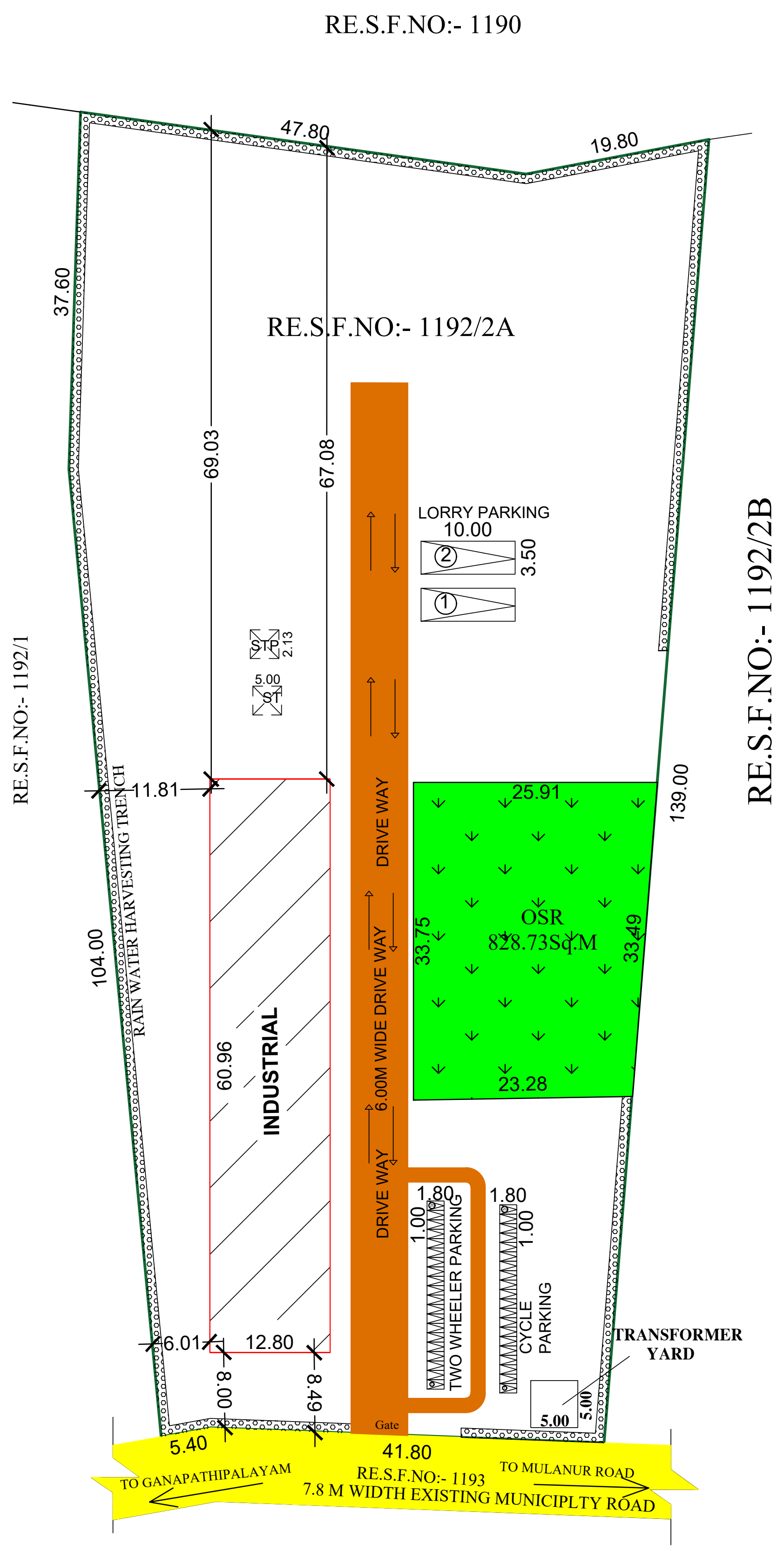
SECTION ON 'A-A'



FRONT ELEVATION



GROUND FLOOR PLAN



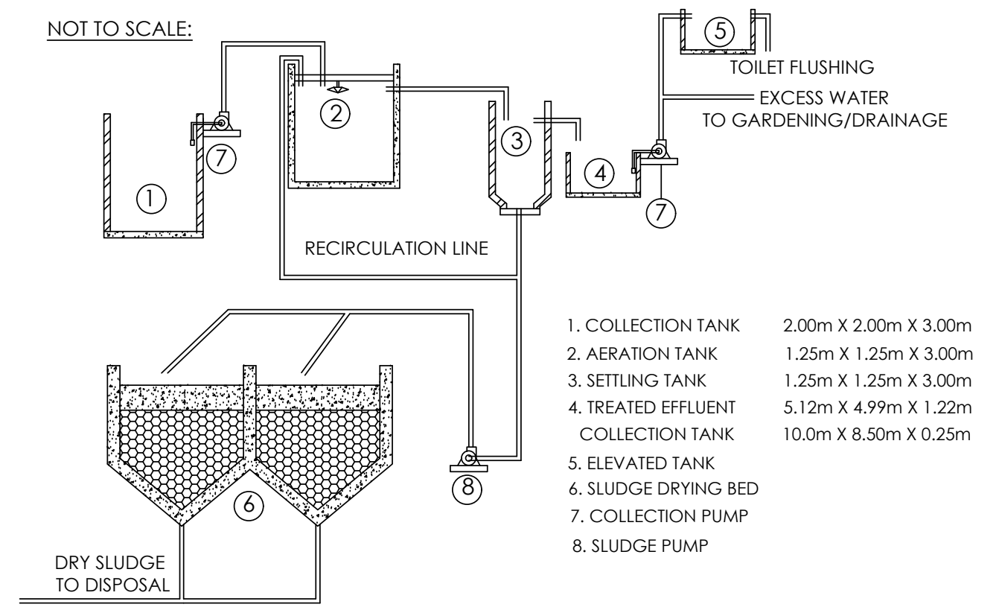
Scale:- 1:500

SITE PLAN

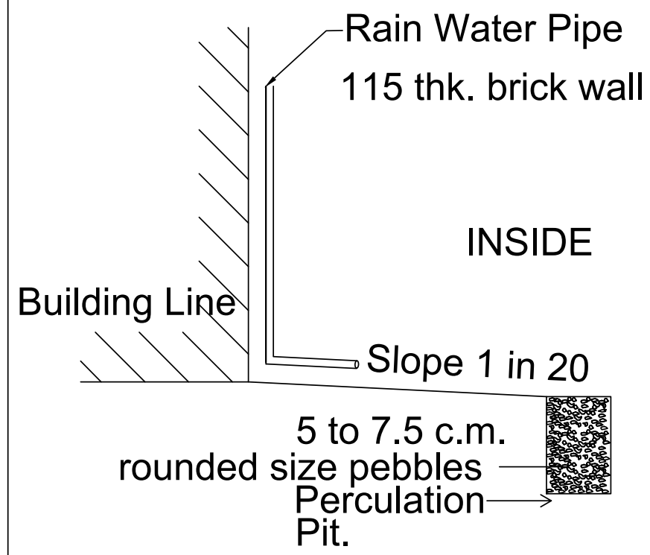
BP/TCP [TD] No. 35/2023
Supervisor : K.Padma,
Surveyor / A.D.Man : K.Arunkumar,

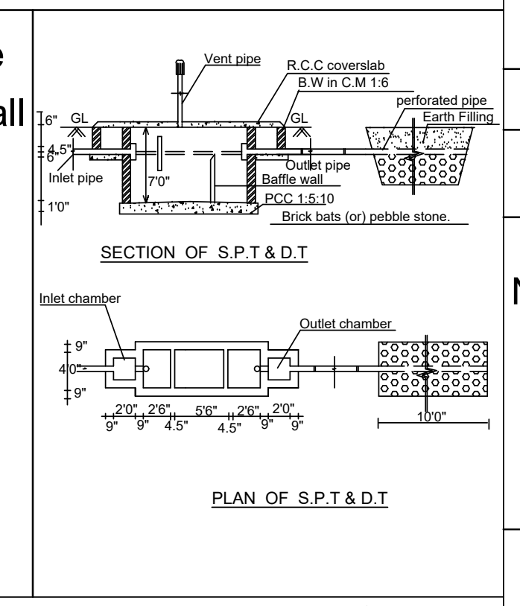
SECTIONAL ELEVATION FOR SEWAGE/SULLAGE TREATEMENT PLANT

NOT TO SCALE:



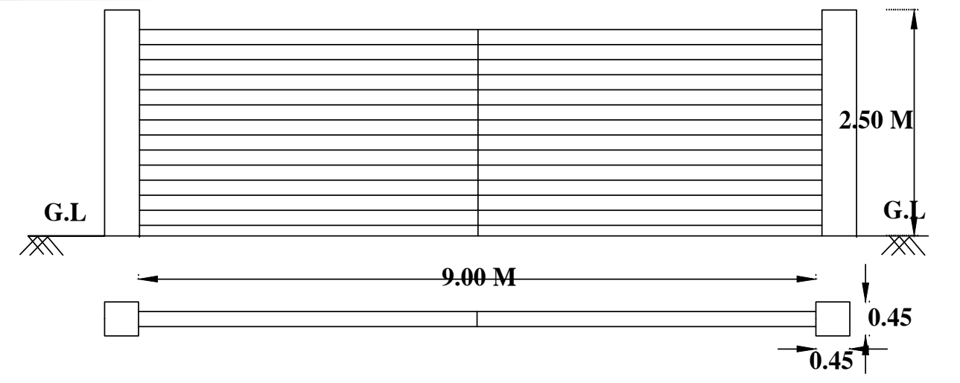
1. COLLECTION TANK	2.00m X 2.00m X 3.00m
2. AERATION TANK	1.25m X 1.25m X 3.00m
3. SETTLING TANK	1.25m X 1.25m X 3.00m
4. TREATED EFFLUENT COLLECTION TANK	5.12m X 4.99m X 1.22m
	10.0m X 8.50m X 0.25m
5. ELEVATED TANK	
6. SLUDGE DRYING BED	
7. COLLECTION PUMP	
8. SLUDGE PUMP	



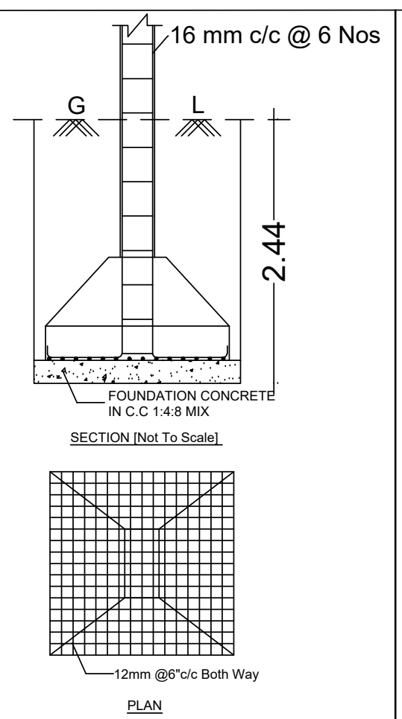


SECTION OF S.P.T & D.T

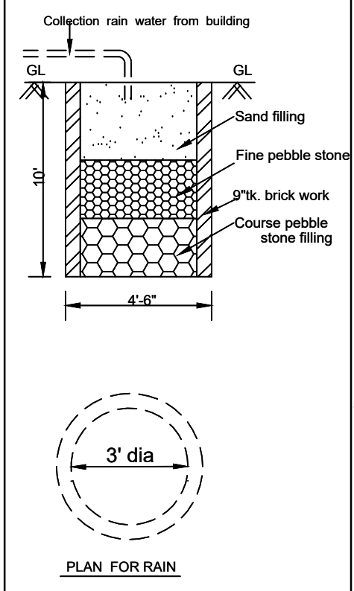
PLAN OF S.P.T & D.T



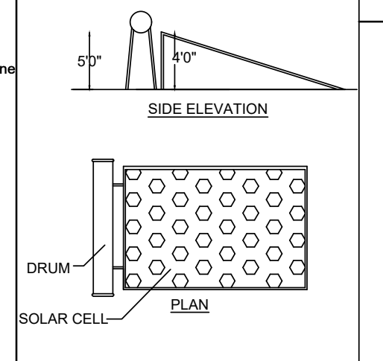
MAIN GATE



FOUNDATION DETAILS



WATER COLLECTION TANK



SOLAR WATER HEATER DETAILS [Not To Scale}

JOINERY SCHEDULE

RS	ROLLING SHUTTER	- 3.05X 2.44
D	DOOR	- 1.22 X2.13
D1	DOOR	- 0.76 X2.13
W	Window	- 1.82 x1.52
V	VENTILATOR	- 1.82 X0.61
V1	VENTILATOR	- 1.20 X0.61

SL. NO.	PARKING	REQUIRED	PROVIDED
1	TWO WHEELER PARKING	15NOS	20NOS
2	CYCLE PARKING	15NOS	20NOS
3	LORRY PARKING	02NOS	02NOS

NOTE:

* MECHANICAL VENTION PROVIDED

* 1/3 rd AREA RESERVED FOR SOLAR PANELS

COLOUR INDEX

SITE BOUNDARY SHOWN -	▭
PROPOSED BUILDING SHOWN -	▨
OSR SHOWN -	🟩
DRIVE WAY SHOWN -	🟧
EXISTING ROAD SHOWN -	🟨

AREA DETAILS

DESCRIPTIONS	Sq.METER
SITE AREA :-	
AREA OF THE SITE AS PER DOCUMENT	8093.89
AREA OF THE SITE AS PER PATTA	8100.00
SUPER IMPOSED AREA	8029.13

BUILDINGAREA :-

AREA OF GROUND FLOOR	BUILTUP AREA (Sq.m)	NET FSI AREA (Sq.m)
AREA OF MACHINERY HALL BUILDING	780.29	780.29

$$\text{FSI} = \frac{780.29}{8029.13} = 0.097 < 1.5$$

OPEN SPACE RESRVATION (O.S.R):-

PROVIDED : 828.73sq.m(10.32%)

NUMBER OF WORKERS TO BE EMPLOYED - 20 Nos

PROPOSED INSTALLATION MACHINERY & H.P DETAILS

No.	MACHINERY	H.P/EACH	TOTAL H.P
1.	BLOW ROOM MACHINE	1-40.00	40.00
2.	CARDING MACHINE	1-18.00	18.00
3.	DRAWING MACHINE	1-15.00	15.00
4.	OPEN END MACHINE	1-45.00	45.00
5.	SUMP MOTOR	02.00	02.00
6.	AIR COMPRESSOR	05.00	05.00
7.	A/C COOLER	1-5.00	05.00
8.	FILTER & DUST EXHAUSTER	2-10.00	20.00

TOTAL H.P :- 150.00 H.P
(239.78 KVA STAND BY)

R. GOVINDARAJ M.E(Struct)., A.M.I.E., A.I.V.,
CHARTERED Eng-AM 187710-3
CMDA Structural Eng-S.E/GR.II/19/09/173
LPA Structural Eng-S.E/GR.II/19/10/048
IBBI Rgd Valuer IBBI-RV/02/2022/14589
No.14, SS Nagar Ext, KPN Garden,
Kongu Main Road, Tirupur - 7 Ph : 8056865623

REGISTERED STRUCTURAL ENGINEER

K.V. Surendran
Er. SURENDRAN K.V. B.E.,
REGISTERED ENGINEER GRADE - II
RG No - TD / RE-II /2021 /05 /001.
No.13/1B, LAKSHMI NAGAR , KOVAI ROAD
KANGAYAM , TIRUPUR - 638 701

REGISTERED ENGINEER

R. Udaiyarsamy

APPLICANT

Signature Not Verified
Signed by: Assistant Director
Location:Tiruppur
Date:2023.04.27 11:39:18