

DISTRICT TOWN AND COUNTRY PLANNING OFFICE
TIRUCHIRAPPALLI DISTRICT

PLAN SHOWING THE PROPOSED BUILDING CONSTRUCTION & MACHINERY INSTALLATION (ORANGE CATEGORY INDUSTRIAL BUILDING) AT " TOPAZ TOOL Co. Pvt. Ltd. " IN GK INDUSTRIAL LAYOUT, PLOT NO:D2, (LP/DTCP.No:102/2010), S.F No:308/2A3C, 308/2B2C, REDDIMANGUDI VILLAGE & PANCHAYAT, LALKUDI TALUK, TRICHY DTSTRCT.

ALL DIMENSIONS ARE IN METER

SCALE - 1:100

Online application No: SWP/BPA/049307/2023

REFERENCE:

Site Boundary

Existing Road

Proposed Building



AREA DETAILS

DESCRIPTION	SQ.M
PLOT AREA AS PER DOCUMENT	4050.00
SUPER IMPOSED PLOT AREA	4050.00

PROPOSED BUILTP AREA

SL NO.	DESCRIPTION	F.S.I AREA (SQM)	NON F.S.I AREA (SQM)	TOTAL AREA (SQM)
1)	GROUND FLOOR AREA (BLOCK-1)	1367.01	-	1367.01
2)	GROUND FLOOR AREA (BLOCK-2)	937.88	-	937.88
3)	GUARD ROOM	-	6.25	6.25
4)	METER ROOM	-	62.72	62.72
5)	TOTAL AREA	2304.89	68.97	2373.86
6)	VACANT AREA	-	-	1676.16

P.C = $2373.86 / 4050.00 \times 100 = 58.61\%$
F.S.I = $2304.89 / 4050.00 = 0.57$

PARKING DETAILS

S.L.NO	DESCRIPTION	PROVIDED
1)	OPEN LORRY PARKING SPACE	04 NOS
2)	OPEN TWO WHEELER PARKING	38 NOS
3)	OPEN CYCLE PARKING	50 NOS
4)	OPEN CAR PARKING	05 NOS

PROFESSIONAL DETAILS BASED ON FORM-C

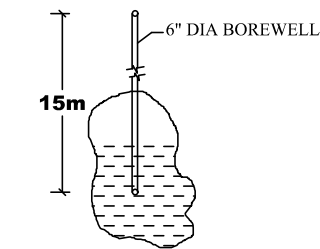
APPLICANT	Mrs. srividhya (Managing Director of Topaz Tool co.pvt.Ltd)	<i>K. S. S. S.</i>
REGISTERED ENGINEER	ER.N.Nanthakumar (RE/GR.II/TLPA/MAY2019/018)	<i>N. Nanthakumar</i> Er. N.Nanthakumar M.E(Short), Msc(PEV), Registered Engineer, Reg. No:RE/GR.II/TLPA/MAY2019/018 12A, Kakkai Colony, Airport, Trichy-67, Mobile : 98291 27445.
REGISTERED STRUCTURAL ENGINEER	M.Gandhilar (SE/GR.I/TLPA/JULY2019/125)	<i>M. Gandhilar</i>
GEO-TECH EXPERT	Dr.S.Senthamil Kumar (TJR/RGE/2019/086)	<i>S. Senthamil Kumar</i> Dr. S. Senthamil Kumar, I.A.A., I.C.E., Civil Engineer, Registered Professional Engineer, Reg. No:RGE/TLPA/JULY2019/125, 12A, Kakkai Colony, Airport, Trichy-67, Mobile : 98291 27445.
SITE SUPERVISION ENGINEER	S.Seethala Devi (CE/DTCP/TRICHY/JUN/2022/366)	<i>S. Seethala Devi</i>

BUILDING PERMISSION NO : BP/JD/DTCP (TD) No. 03/2024

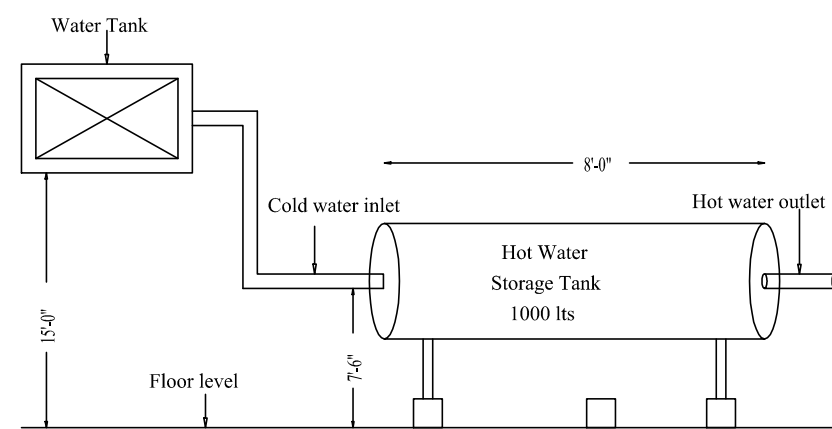
e-signed/-
Joint Director (FAC)
District Town and Country Planning office
Tiruchirappalli District

NOTE

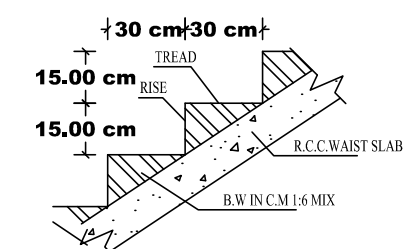
- SULLAGE WASTE FROM TOILET WILL BE CONNECTED INTO SEPTIC TANK & DT.
- BORE WELL WITH MOTAR WATER TANK AND CORPORATION WATER SUPPLY WILL BE PROVIDED
- RAIN WATER PERCOLATION PIT PROVIDED @ 1/30 Sqm OF PLINTH AREA @ 6 M C/C
- RAIN WATER PERCOLATION BED 1.0m WIDE WILL BE PROVIDED AROUND THE BUILDING AS PER GO (MS) NO: 138 DATED 11-10-02.
- RAIN WATER TAKEN TO THE BORE WELL THROUGH 150MM DIA PIPES.
- RAIN WATER COLLECTED FROM OPEN TERRACE SHALL BE COLLECTED THROUGH PIPES AND LED INTO A FILTER PIT (SIZE 60 X 60 X 60 CM) WITH APPROPRIATE FILTER MATERIAL AND THEN LED INTO COLLECTION TANK.
- SOLAR WATER HEATER LINE ARRANGEMENTS WILL BE PROVIDED.
- ALL DIMENSIONS ARE IN METRE.



BORE WELL DETAIL



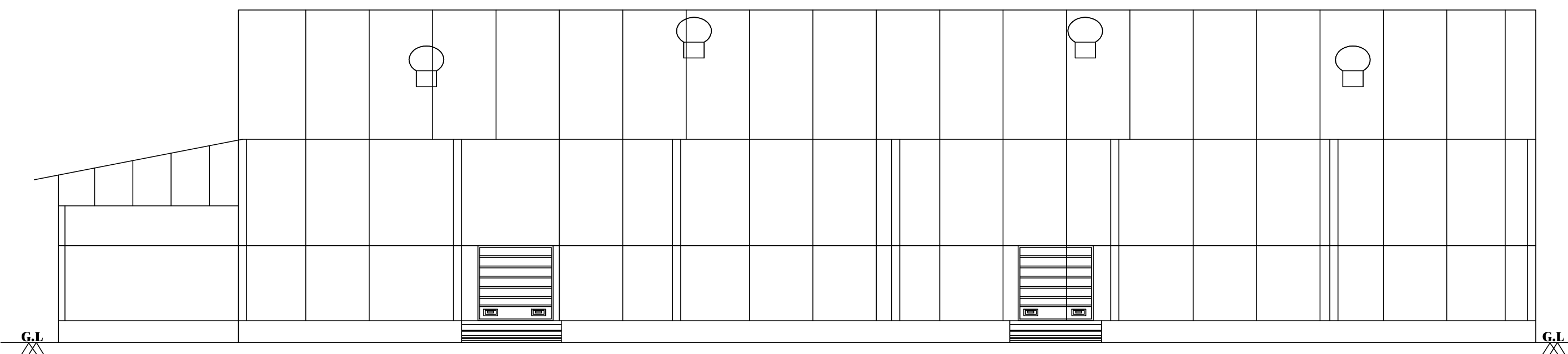
SOLAR WATER HEATER DETAILS



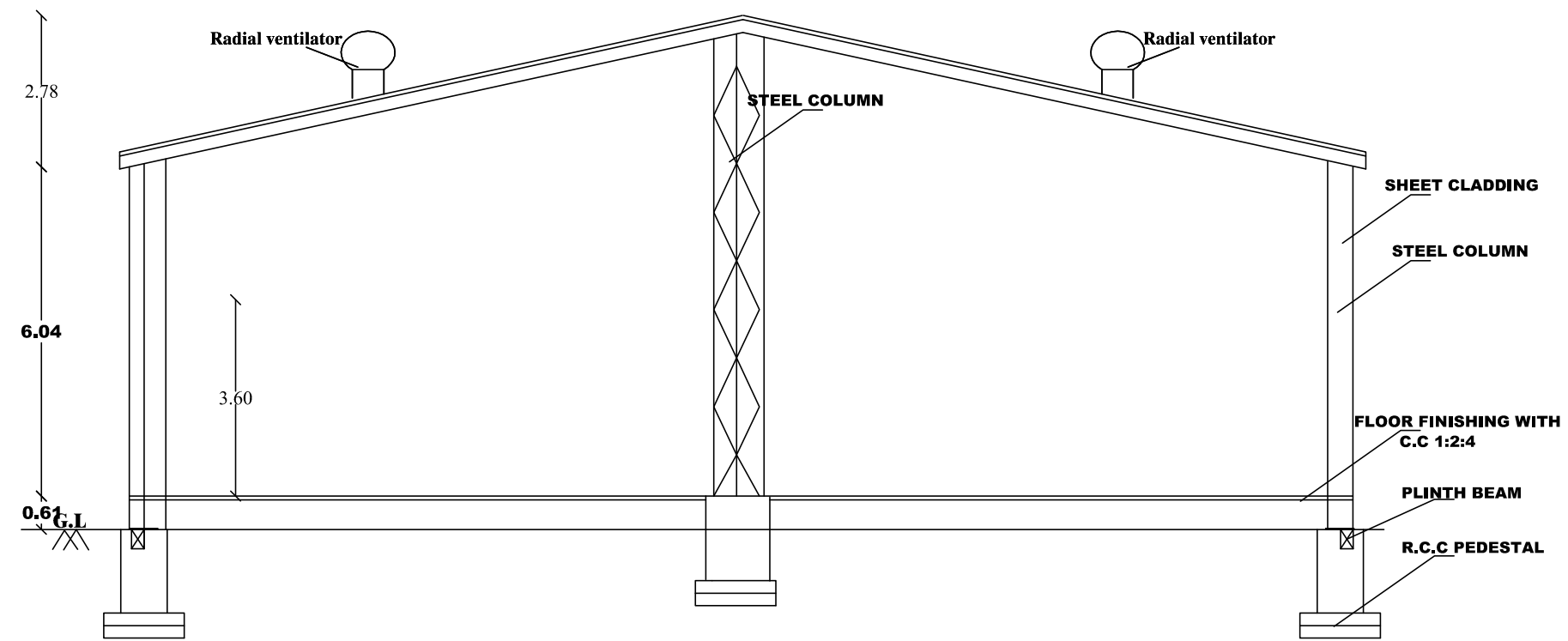
SECTION OF STAIRCASE

SCHEDULE OF JOINERIES:	
REFERENCE	METRE
R S- RO. SHUTTER	3.65 X 3.65
D- DOOR	1.82 X 1.52
D1- DOOR	1.22 X 1.52
D2- DOOR	0.76 X 2.13
W- WINDOW	2.44 X 1.52
V- VENTILATOR	2.44 X 0.61
V1- VENTILATOR	0.61 X 0.61

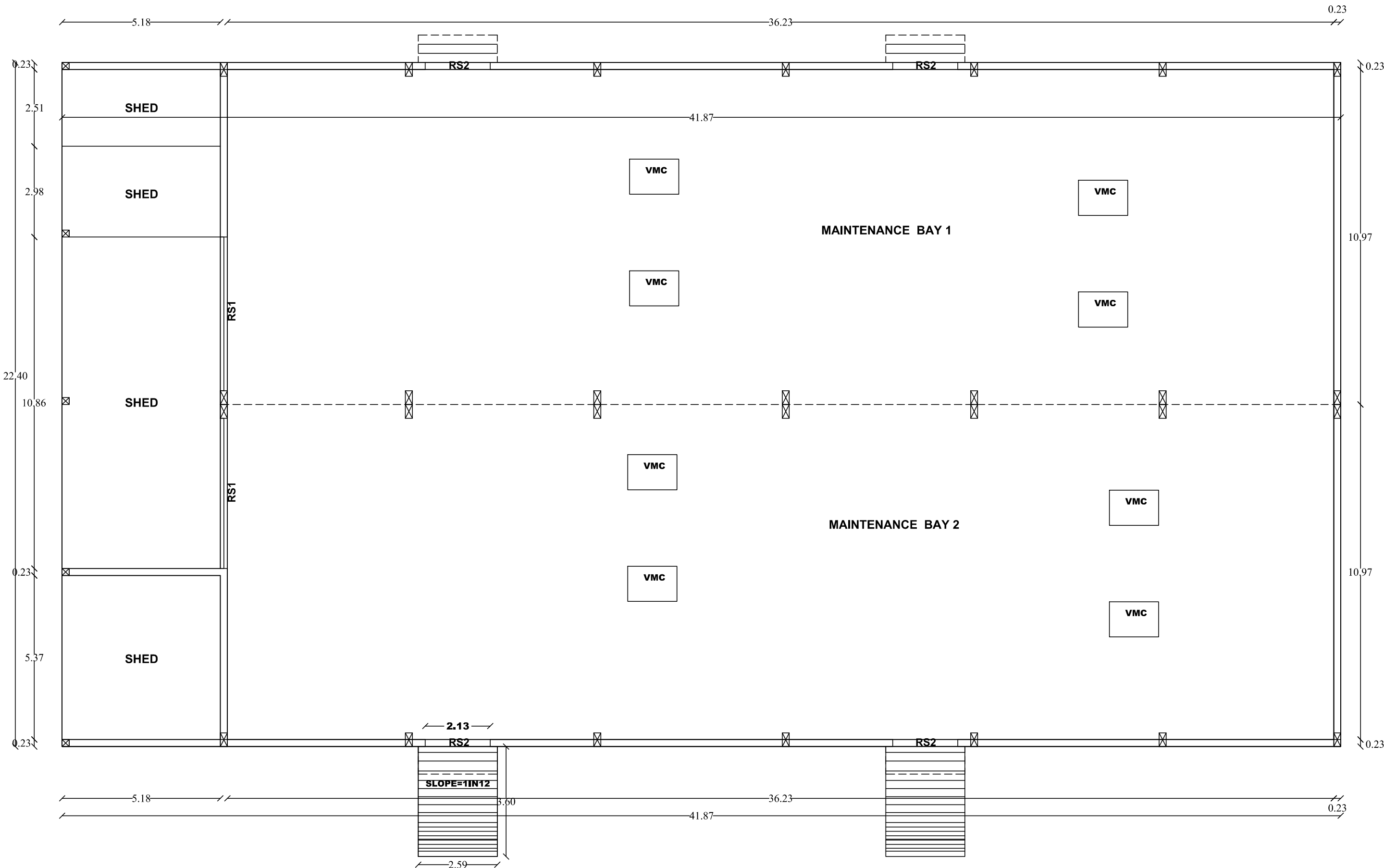
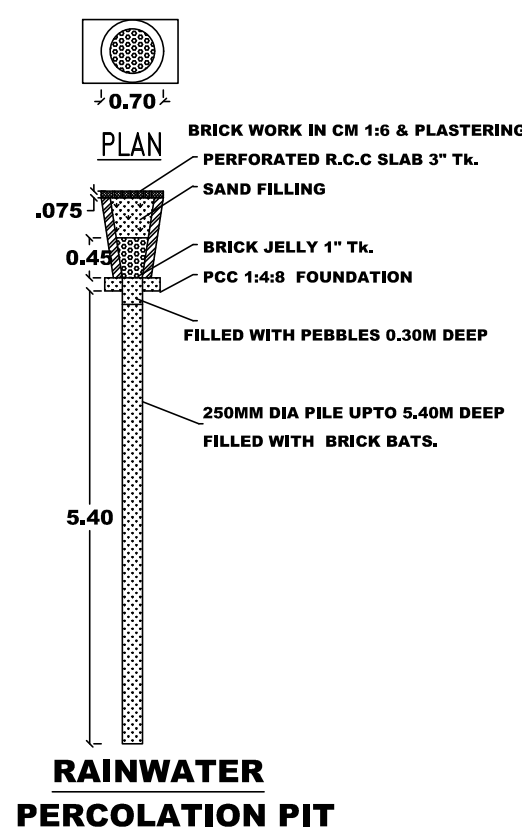
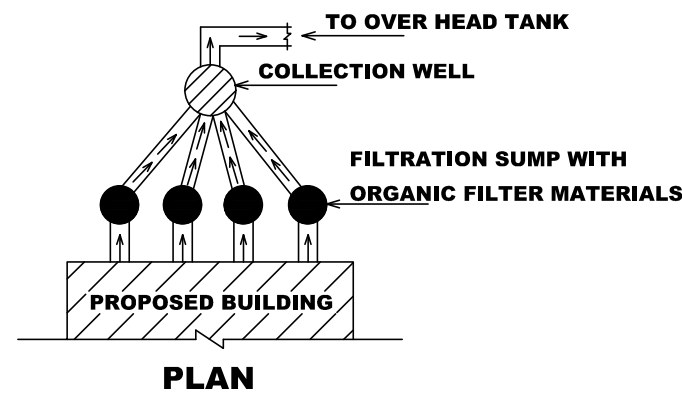
SECHEDULE OF MACHINERIES				
Sl no		QTY.	E/H.P	H . P
1	VMC	11.0	2.0	222.00
2	CNC	22.0	23.25	511.50
3	AIR COMPRESOR	2.0	25.0	50.0
4	AIR DRYER	2.0	0.5	1.0
5	TRAUB & LATHE M/C	6.0	1.5	9.0
6	BAND SAW	2.0	1.0	2.0
7	GRINDING M/C	1.0	18.0	18.0
8	HONING M/C	6.0	2.5	15.0
9	MULTI SPINDLE	2.0	30.0	60.0
TOTAL				888.50 HP
DG : 125 KVA 2NOS				
NO. OF WORKERS : 52 NOS				



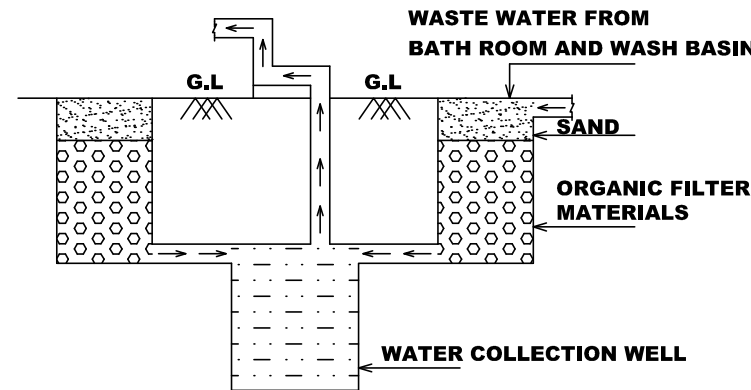
ELEVATION



SECTION ON "A-A"

GROUND FLOOR PLAN
BLOCK-2RAINWATER
PERCOLATION PIT

PLAN

SECTION
SUMP WITH COLLECTION WELL

Online Application Number: SWP/BPA/049307/2023

Surveyor/Assistant Draughtsman

Architectural/Planning Assistant

DISTRICT TOWN AND COUNTRY PLANNING OFFICE

TIRUCHIRAPPALLI DISTRICT

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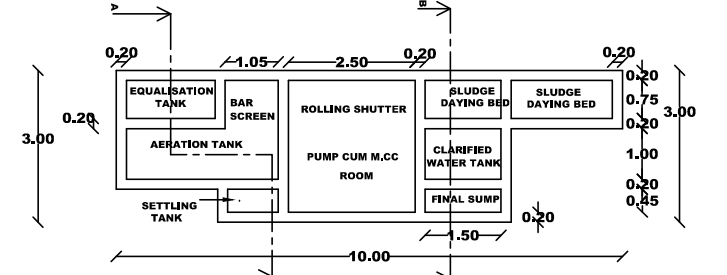
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REGISTERED ENGINEER	ER.N.Nanthakumar (RE/GR.II/TLPA/MAY2019/018)	<i>N. Nanthakumar</i> Registered Engineer, No. 10, 101/1, Panchayath Road, 101, Kallur Colony, Arundel, Trichy-67 Mobile : 98291 27445
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GEO-TECH EXPERT	Dr.S.Senthamil Kumar (TJR/GE/2019/086)	<i>S. Senthamil Kumar</i> Geotechnical Engineer, No. 10, 101/1, Panchayath Road, Arundel, Trichy-67 Mobile : 98291 27445
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BUILDING PERMISSION NO : BP/JD/DTCP (TD) No.03/2024

e-signed/-
Joint Director (FAC)
District Town and Country Planning office
Tiruchirappalli District

SEWAGE TREATMENT PLANT PLAN & HYDRAULIC FLOW DIAGRAM



DESCRIPTION OF WORKING OF TREATMENT PLANT

EQUILIBRATION TANK

WASTY WATER LET IN TO THE EQUILIBRATION TANK.

BIOLOGICAL TREATMENT

IN THIS THE SEWAGE WATER PASSES THROUGH THE SPECIALLY DESIGNED ROTARY BIO CONTRACTOR (R.B.C) ALLOWS THE SEWAGE MAXIMUM CONTACT WITH THE BIO MASS.

POST SEDIMENTATION TANK

FROM THE BIOLOGICAL TANK THE WATER FLOWS IN TO THE POST SEDIMENTATION TANK WHERE THE SEDIMENTATION TAKES PLACE.

FROM THE POST SEDIMENTATION TANK THE SLUDGE IS PUMPED IN TO THE SLUDGE TANK AND THE OVER FLOW IS LET IN TO THE SETTING TANK IS THE TREATED WATER.

SLUDGE TANK

FROM THE POST SEDIMENTATION TANK IT IS PUMPED IN TO THE SLUDGE TANK.

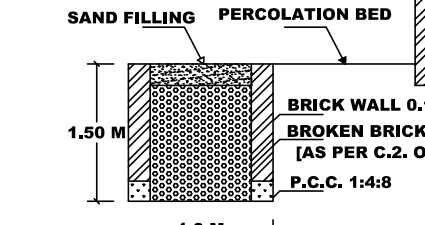
TREATED WATER TANK

TREATED WATER IS COLLECTED IN THE TREATED WATER TANK FROM THE SETTING TANK AS THE OVER FLOW.

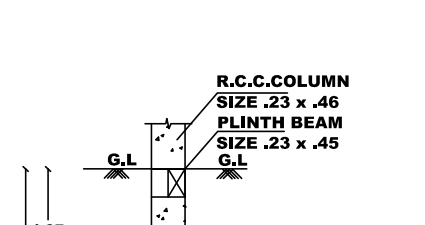
ELECTRICAL POWER

AC THREE PHASE, 440 V - 50 K. W.

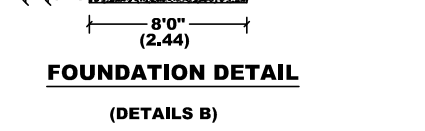
SECTION OF RAIN WATER PERCOLATION BED



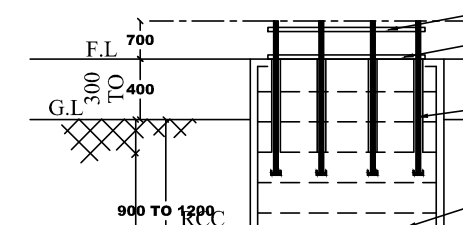
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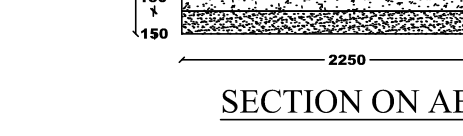
FOUNDATION DETAIL (DETAILS B)



SECTION ON AB



SECTION ON AB



SECTION ON AB



SECTION ON AB



SECTION ON AB



SECTION ON AB



SECTION ON AB



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SECTION ON AB



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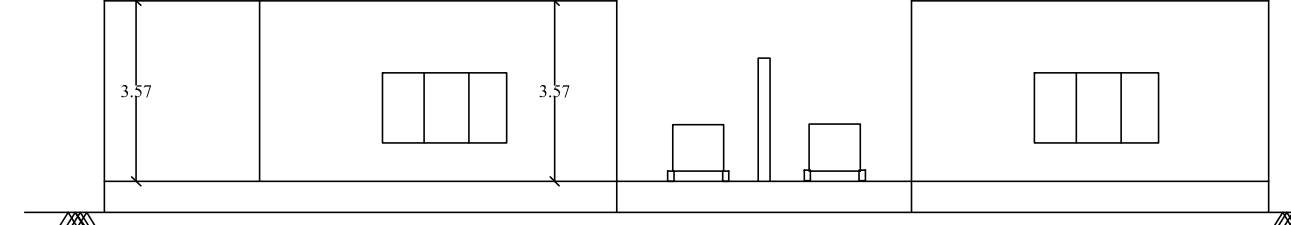
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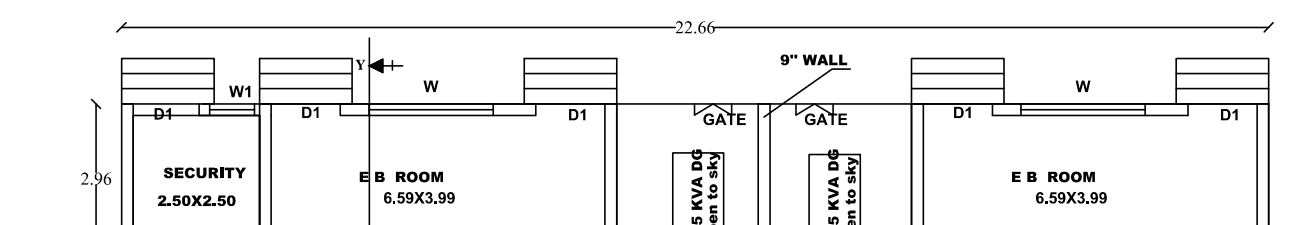
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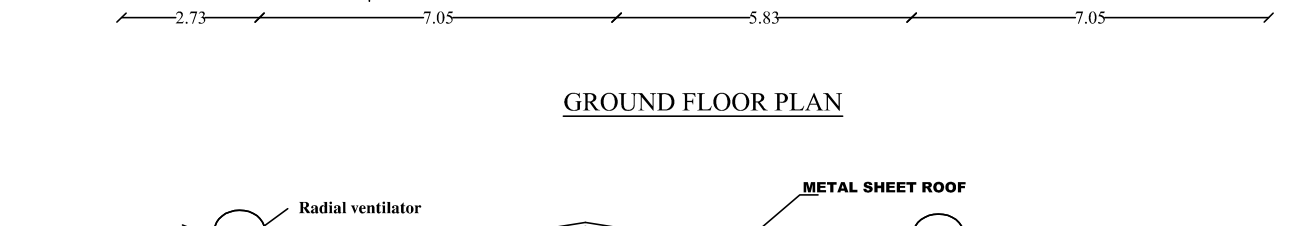
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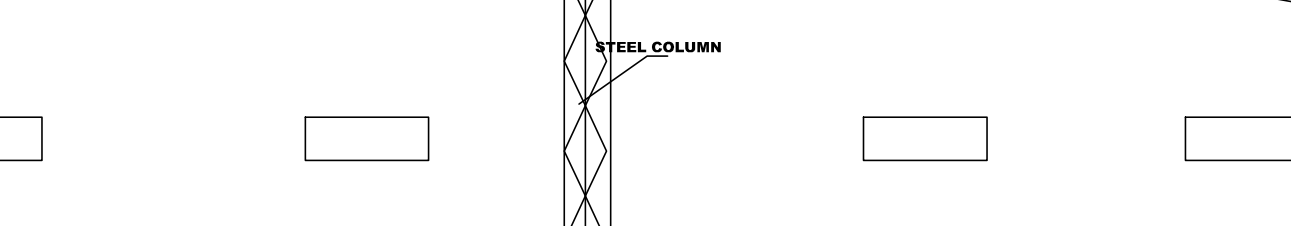
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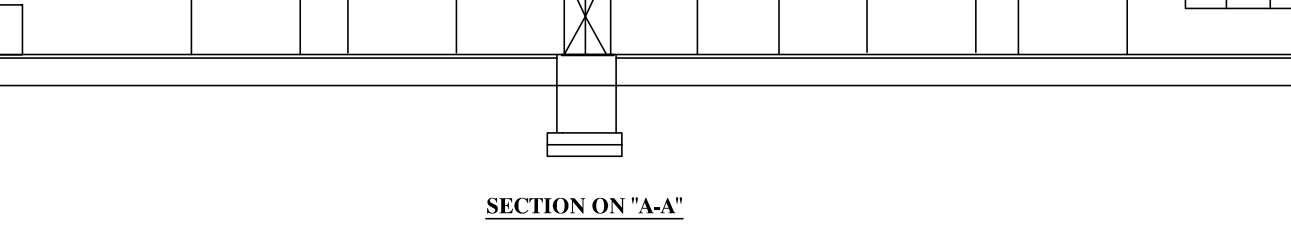
ELEVATION



ELEVATION



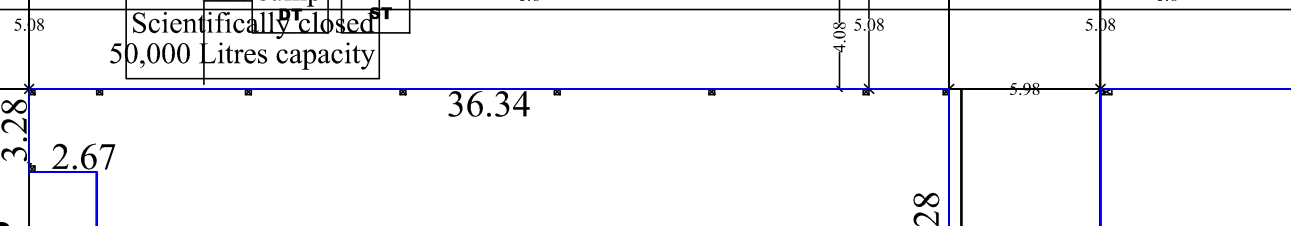
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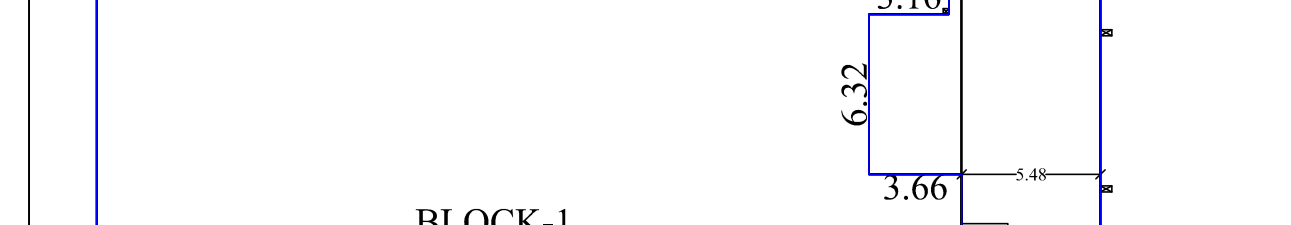
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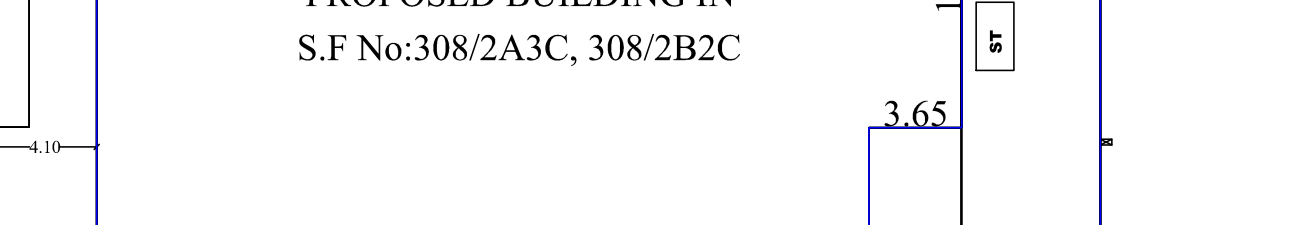
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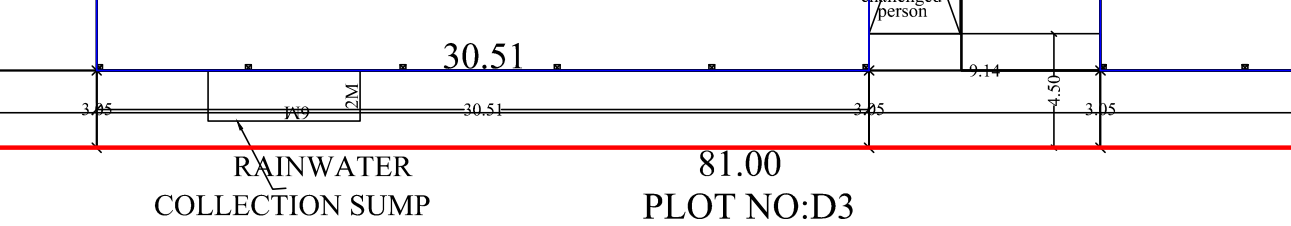
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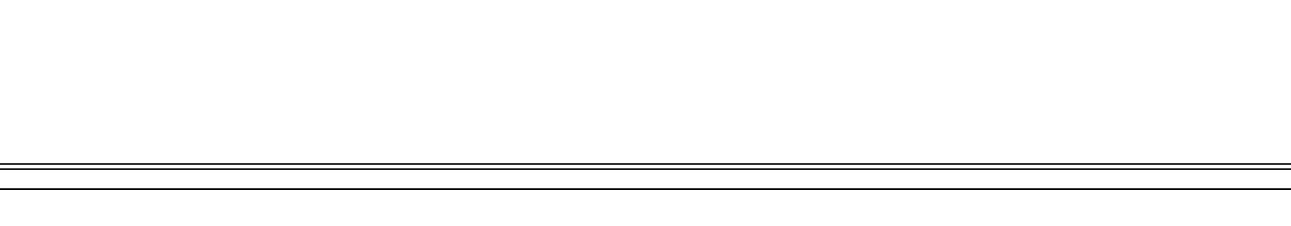
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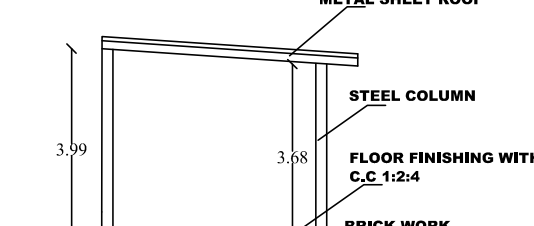
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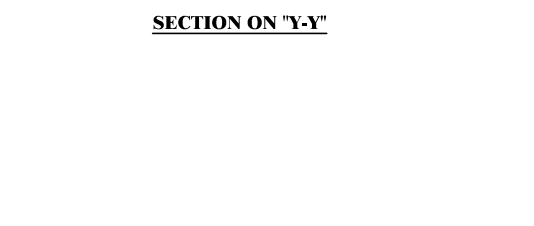
ELEVATION



SECTION ON "A-A"



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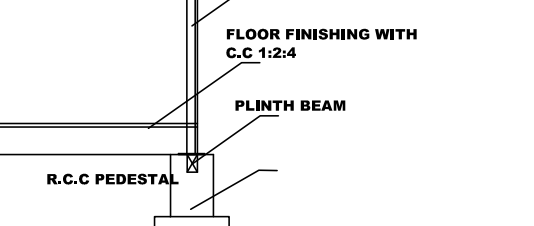
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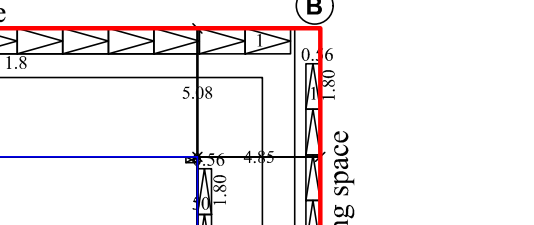
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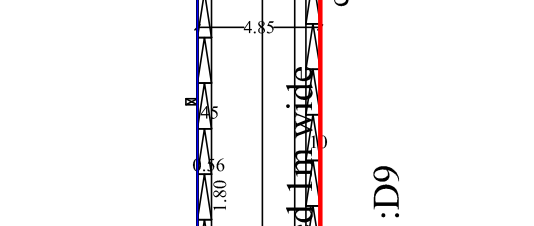
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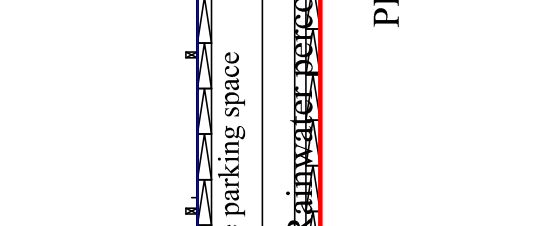
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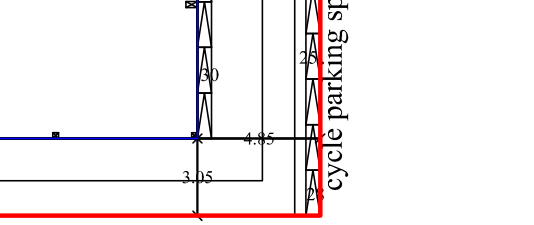
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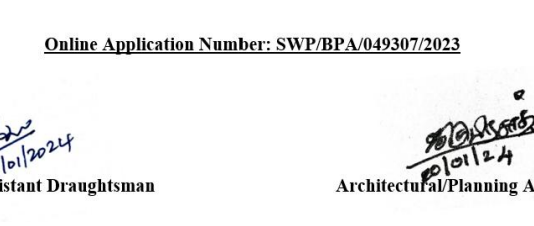
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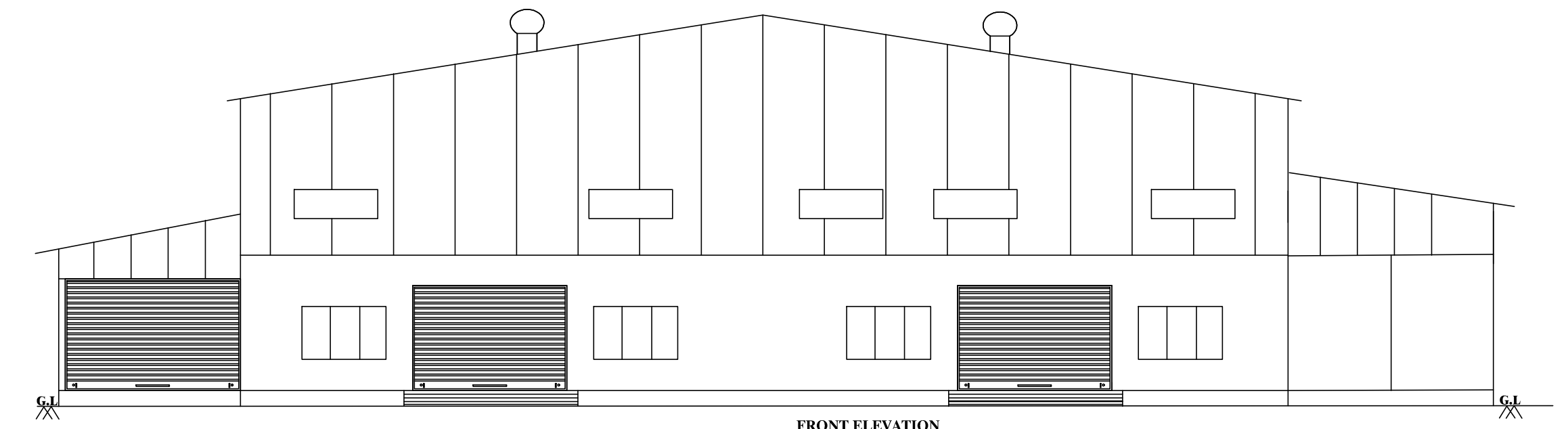
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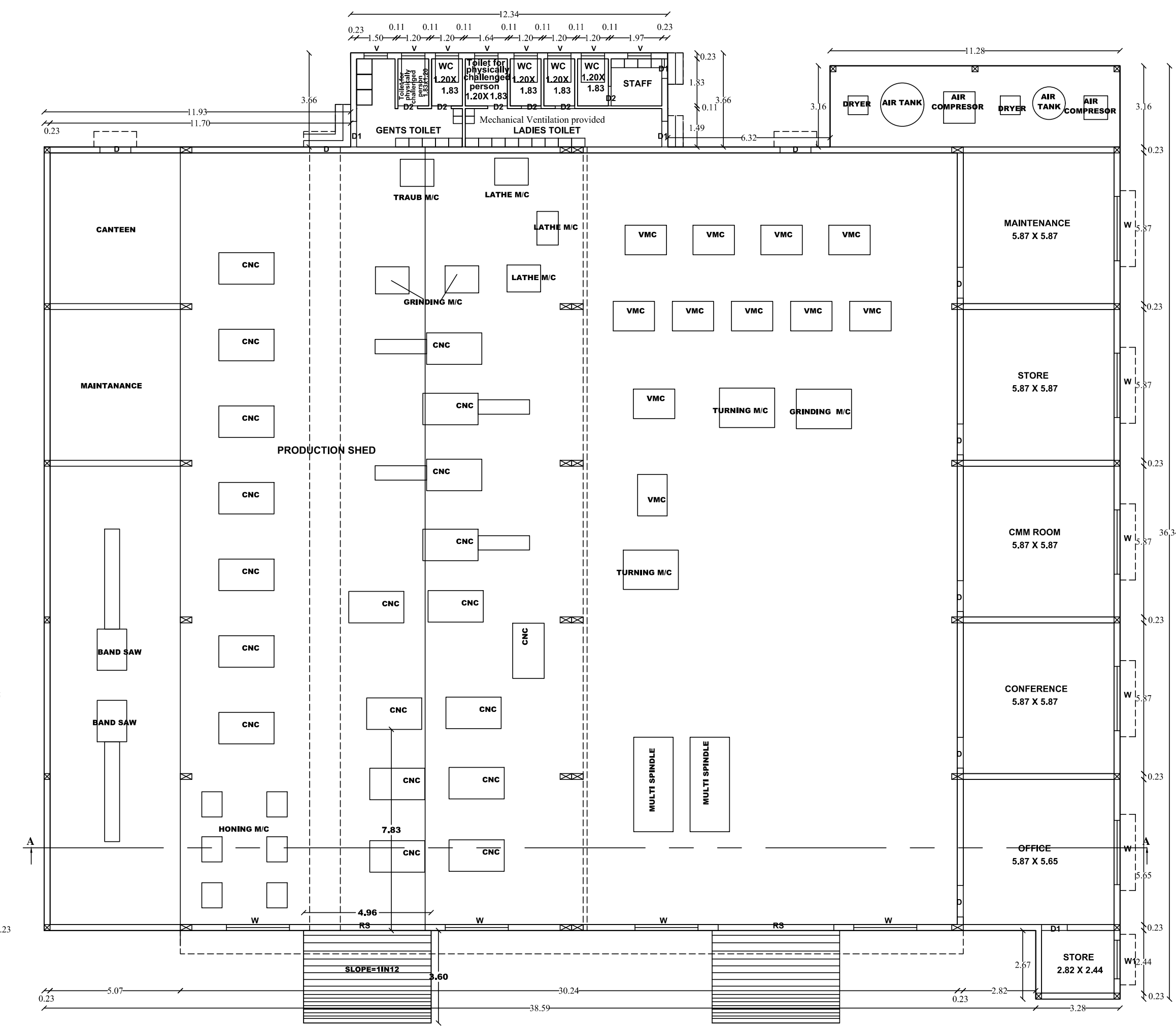
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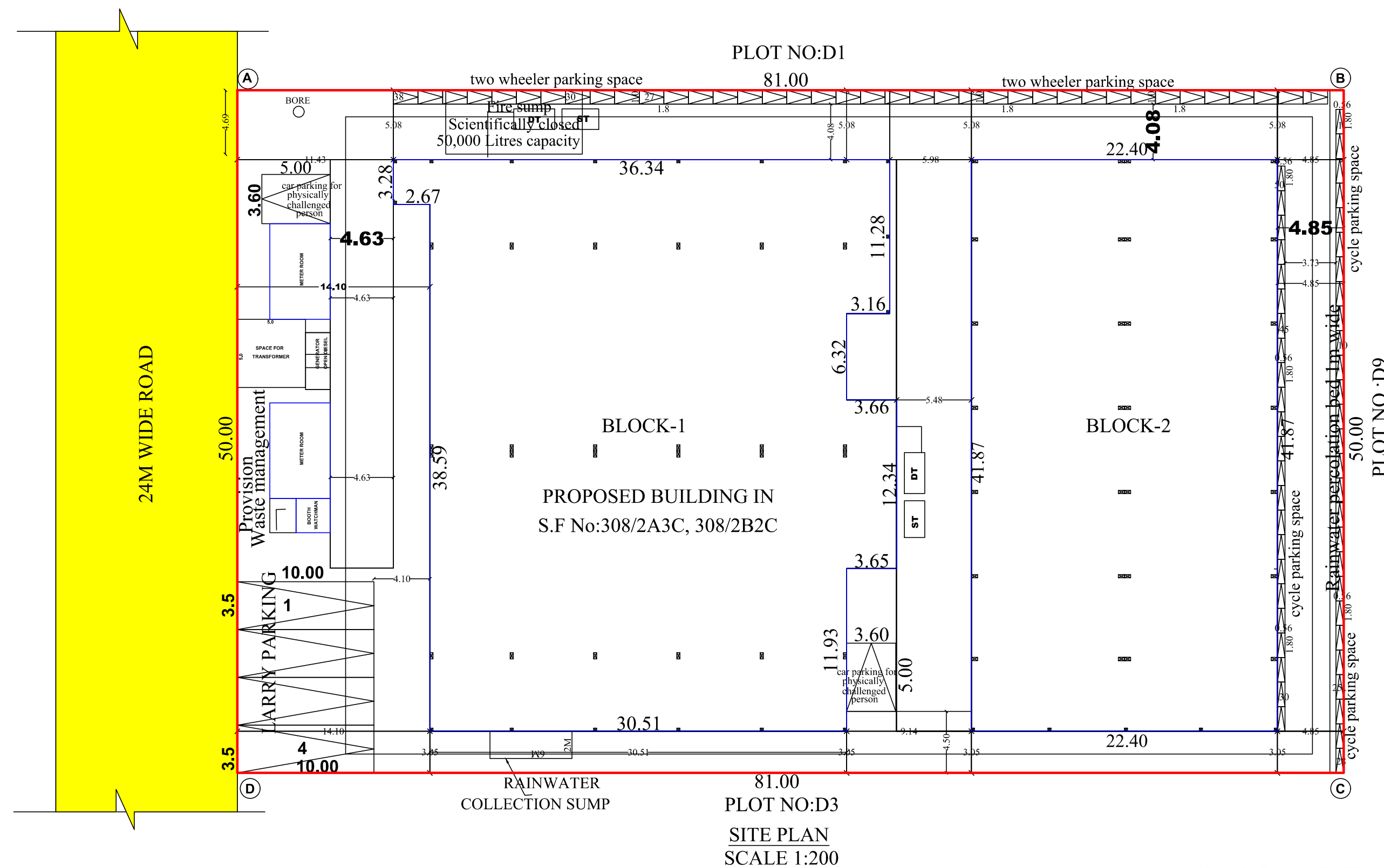


FRONT ELEVATION



GROUND FLOOR PLAN

BLOCK-1



PLOT NO:D3

SITE PLAN

SCALE 1:200

Online Application Number: SWP/BPA/049307/2023

OT: 20/01/2024
20/01/2024
Surveyor/Assistant Draughtsman

20/01/2024
20/01/2024
Architectural Planning Assistant

Signature Not
Verified
Signed by Joint Director
Location: Tiruchirappalli
Date: 2024.01.20 12:35:55