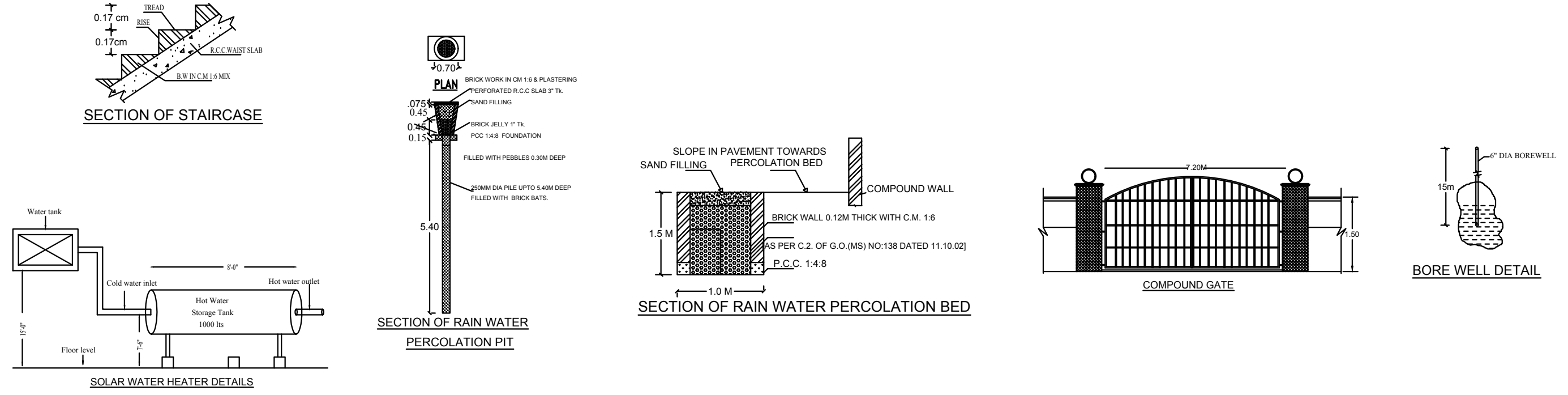
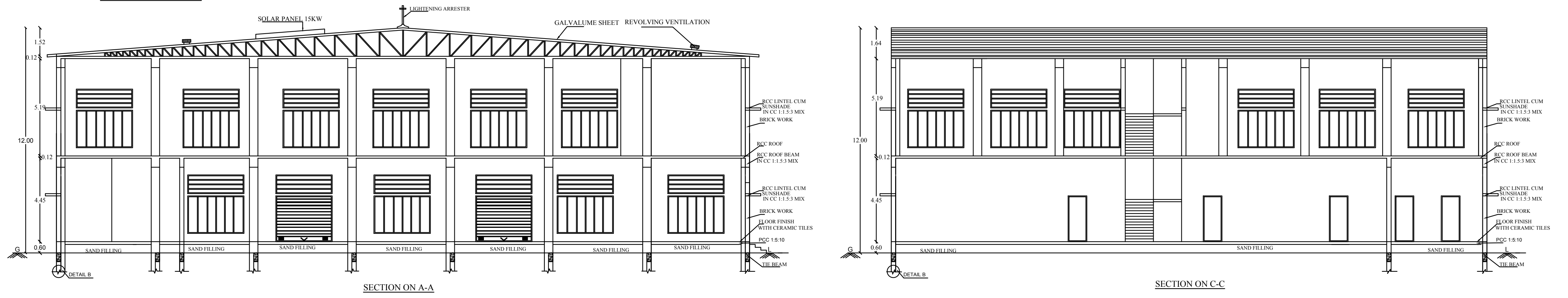
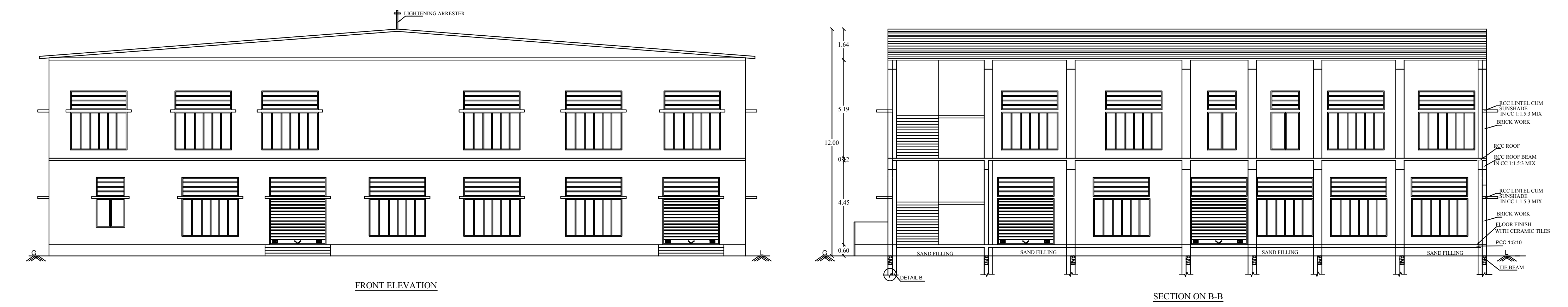
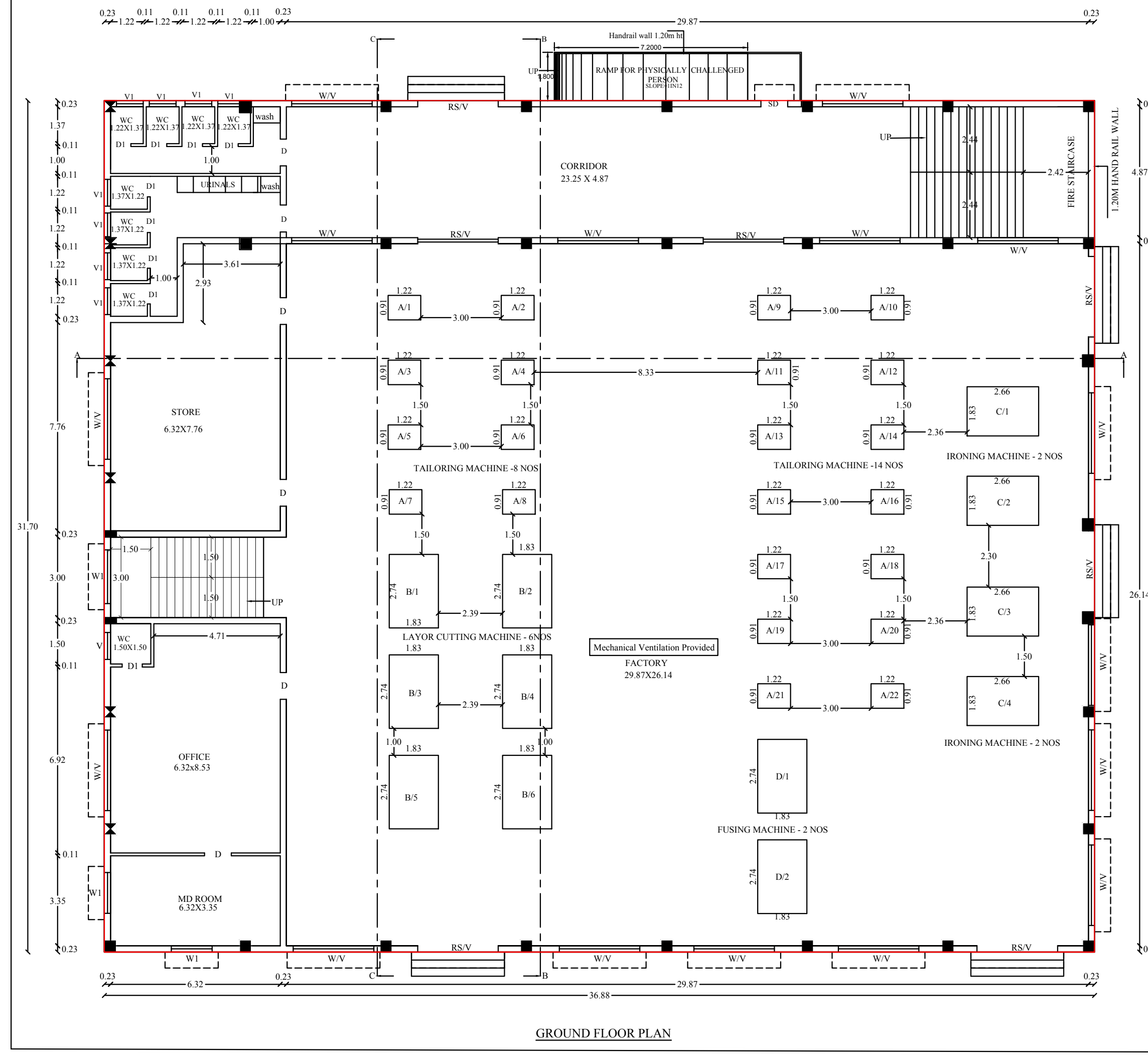
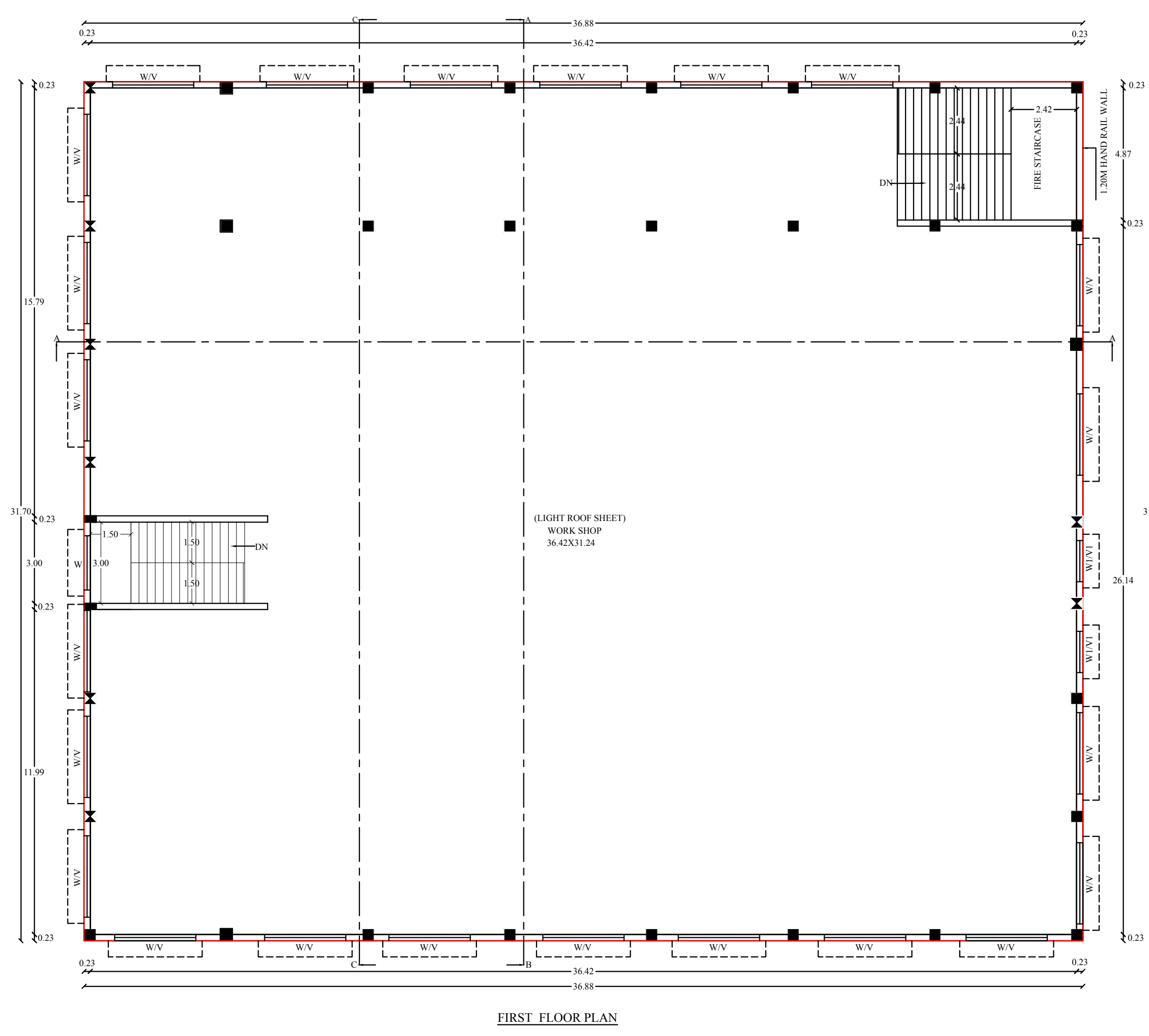
PLAN SHOWING THE PROPOSED CONSTRUCTION OF GARMENT STITCHING AND TAILORING UNIT (GREEN) INDUSTRY BUILDING INSTALLATION OF 28 HP IN S.F.NO: 507/4 , ATHUR VILLAGE & PANCHAYAT, MANMANGALAM TALUK , KARUR DISTRICT.

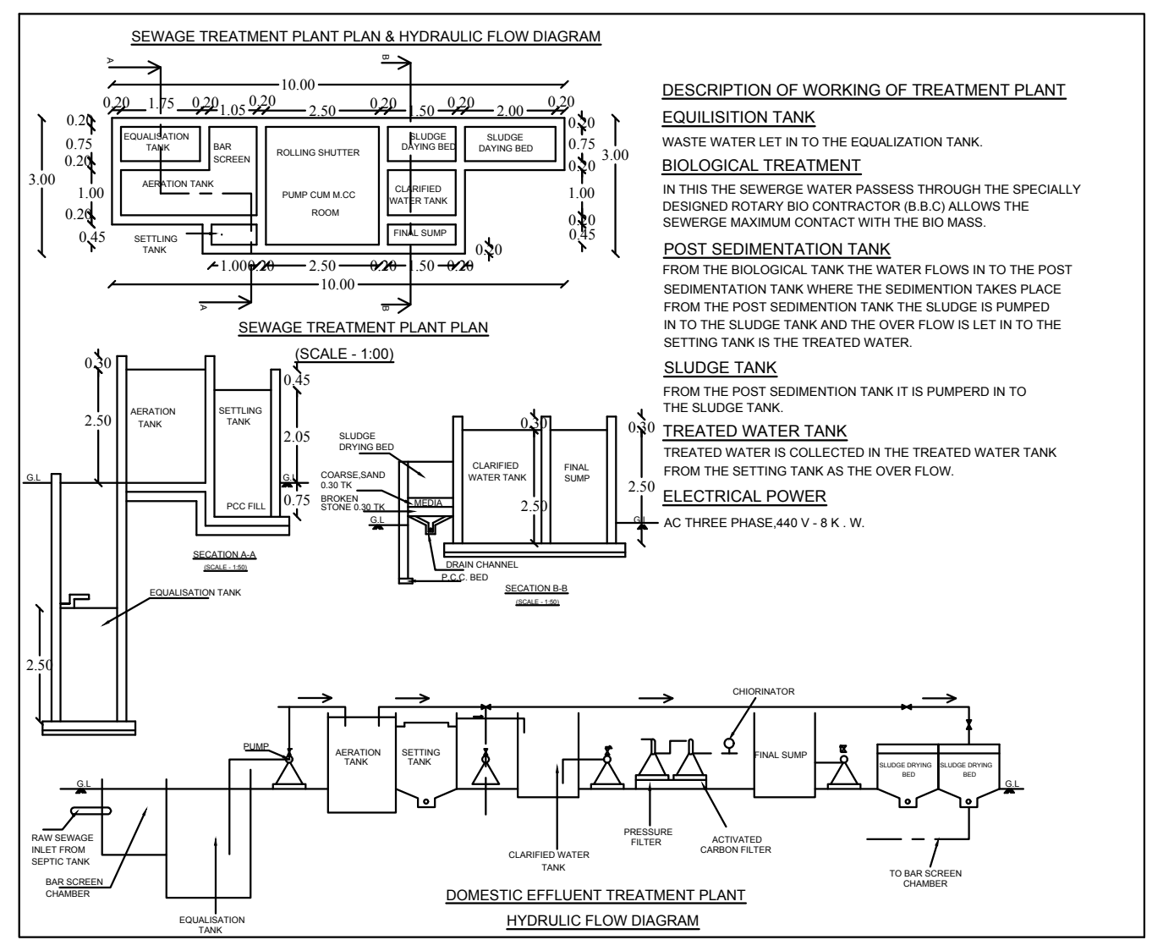

SECTION OF STAIRCASE
SOLAR WATER HEATER DETAILS
SECTION OF RAIN WATER PERCOLATION PIT
SECTION OF RAIN WATER PERCOLATION BED
COMPOUND GATE
BORE WELL DETAIL

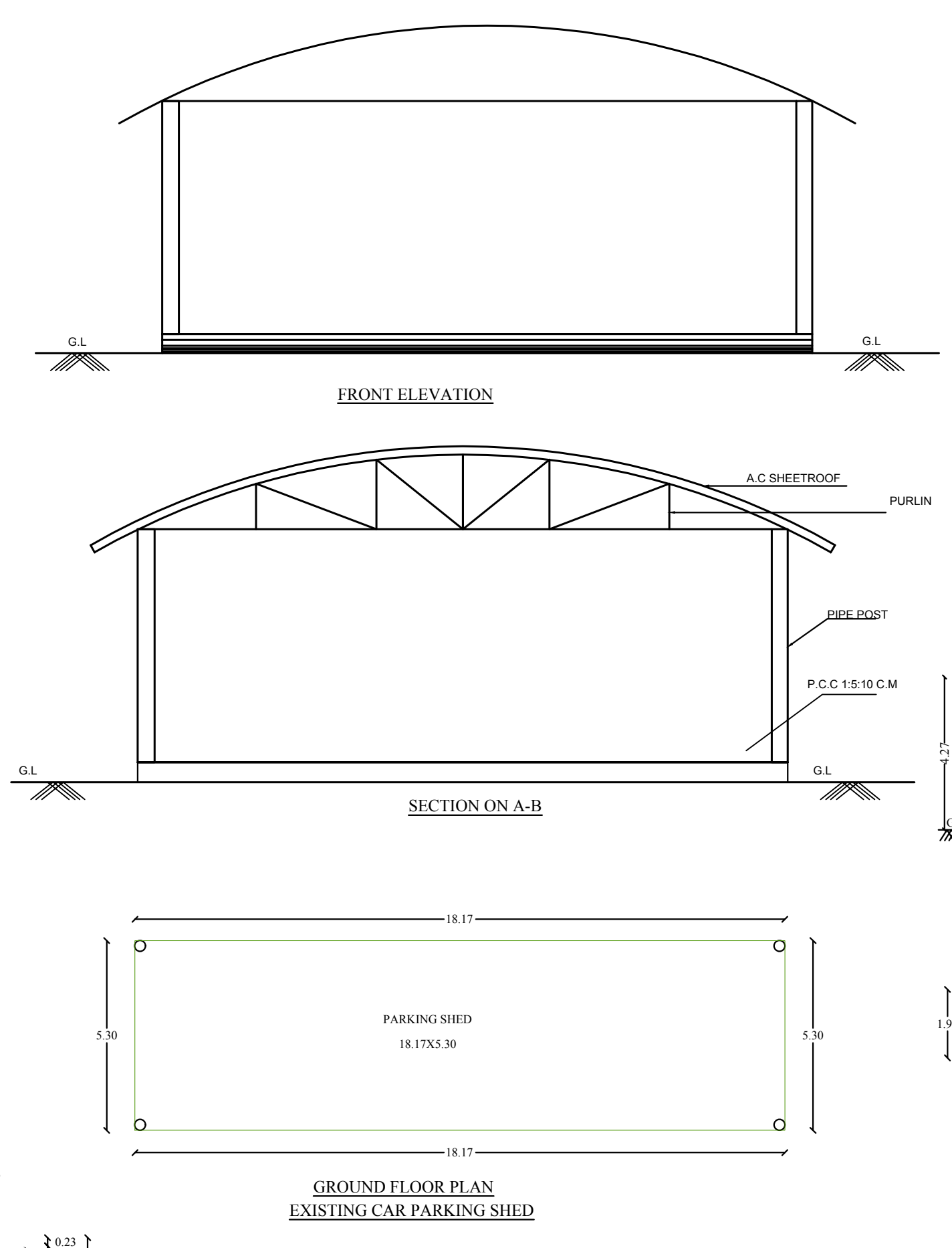


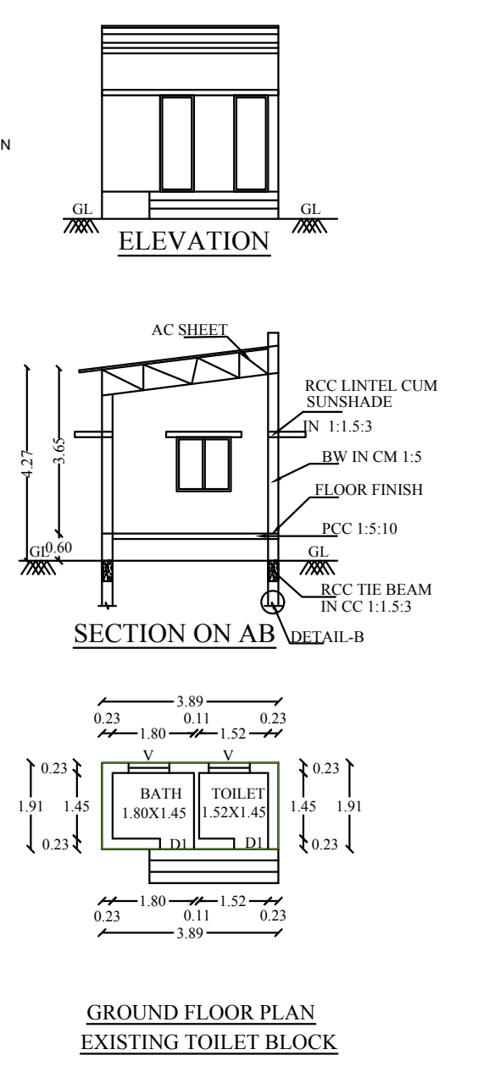


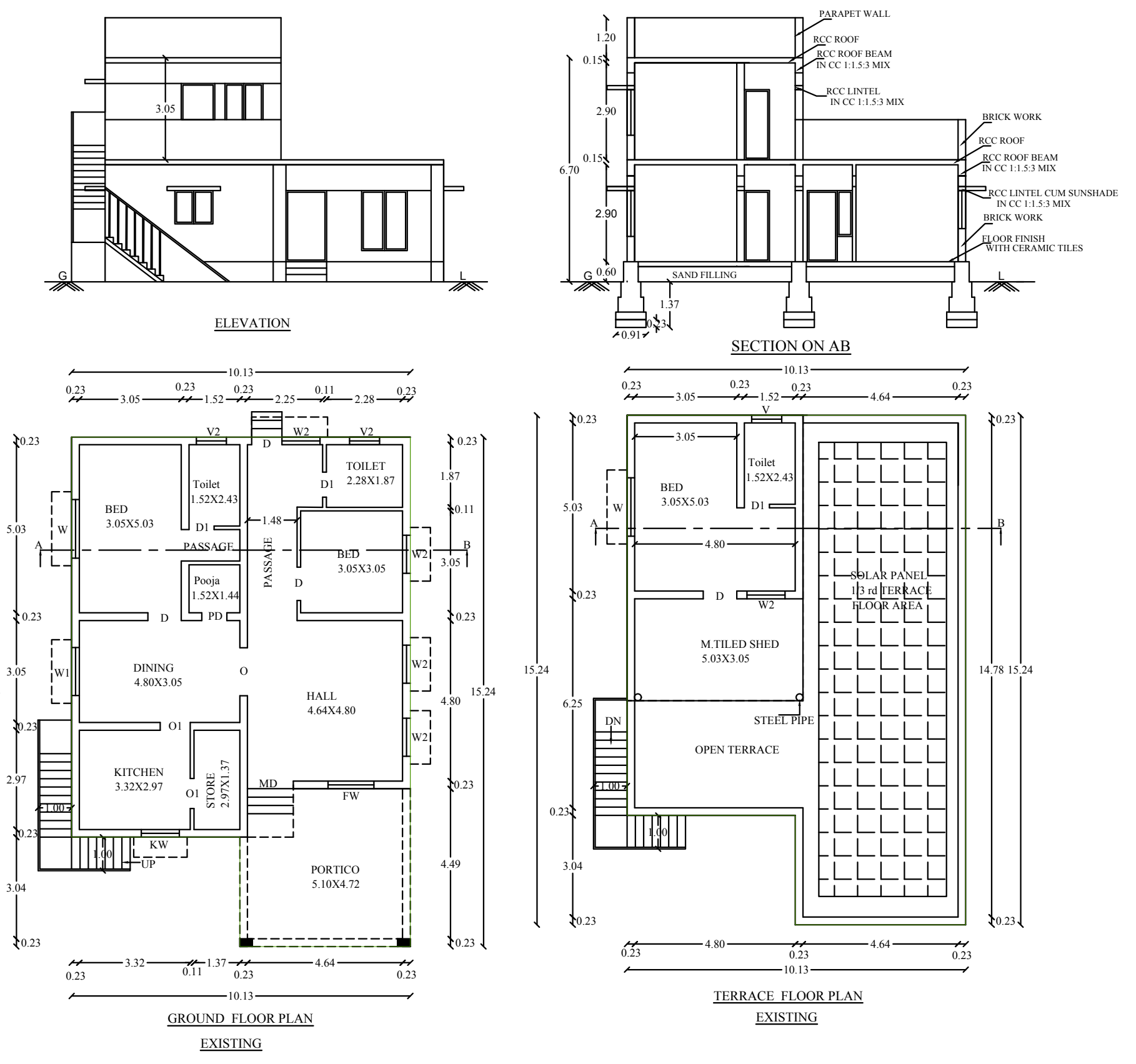





SEWAGE TREATMENT PLANT PLAN & HYDRAULIC FLOW DIAGRAM
SEWAGE TREATMENT PLANT PLAN
DESCRIPTION OF WORKING OF TREATMENT PLANT
EQUALISATION TANK
BIOLOGICAL TREATMENT
POST SEDIMENTATION TANK
SLUDGE TANK
TREATED WATER TANK
ELECTRICAL POWER
DOMESTIC EFFLUENT TREATMENT PLANT HYDRAULIC FLOW DIAGRAM

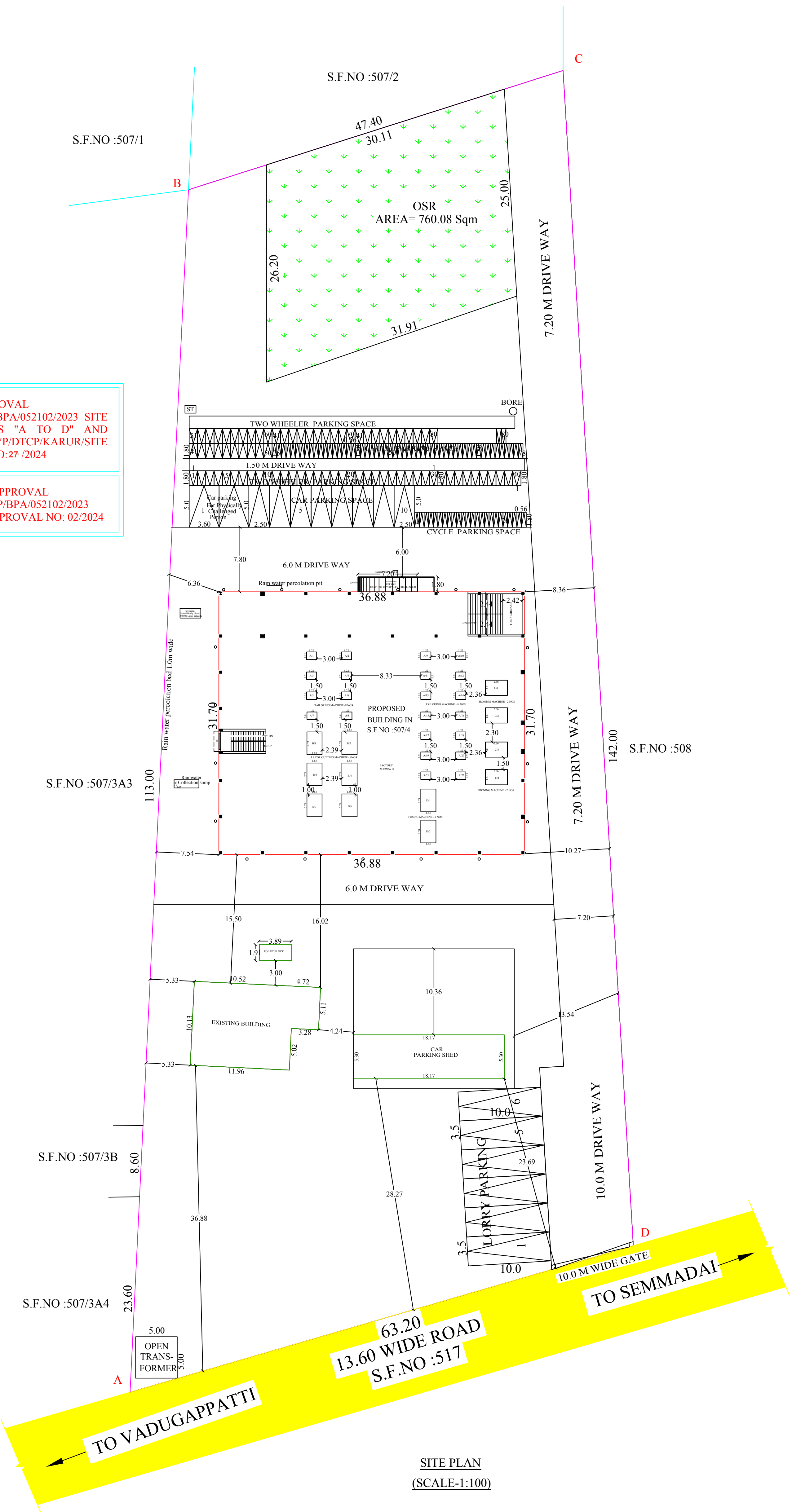






SITE APPROVAL
APPLICATION NO :SWP/BPA/052102/2023 SITE BOUNDARY SHOWN AS "A TO D" AND NUMBERED AS SWP/DTCP/KARUR/SITE APPROVAL NO:27 /2024

TECHNICAL APPROVAL
APPLICATION NO:SWP/BPA/052102/2023
SWP/DTCP/KARUR/BP APPROVAL NO: 02/2024



SITE PLAN
(SCALE-1:100)

COLOURS	AREA DETAILS	SQ.MT	SQ.FT
▭	SITE AREA	7600.00	81805.72
▨	EXG. GROUND FLOOR AREA	138.00	1485.42
▨	EXG. FIRST FLOOR AREA	44.50	479.50
▨	EXG. PARKING SHED G.F AREA	96.30	1036.56
▨	EXG. TOILET G.F AREA	7.30	79.50
▨	PRO. GROUND FLOOR AREA	1169.10	12584.08
▨	PRO. FIRST FLOOR AREA	1169.10	12584.08
▭	OPEN SPACE	4975.00	53550.45
▭	EXISTING ROAD		

AREA DETAILS

DESCRIPTION	SQ.M
S.F.NO	507/4
PLOT AREA AS PER DOCUMENT	7600.00
PLOT AREA AS PER PATTA	7600.00
O.S.R	760.08
SUPER IMPOSED PLOT AREA	7599.95
MINIMUM AREA SHOULD BE TAKEN INTO ACCOUNT	

EXISTING BUILTUP AREA

SL NO.	DESCRIPTION	F.S.I AREA (SQM)	NON F.S.I AREA (SQM)	TOTAL AREA (SQM)
1)	GROUND FLOOR AREA	138.00	–	138.00
2)	FIRST FLOOR AREA	44.50	–	44.50
3)	CAR PARKING SHED	96.30	–	96.30
4)	TOILET AREA	7.30	–	7.30

PROPOSED BUILTUP AREA

SL NO.	DESCRIPTION	F.S.I AREA (SQM)	NON F.S.I AREA (SQM)	TOTAL AREA (SQM)
1)	GROUND FLOOR AREA	1169.10	–	1169.10
2)	FIRST FLOOR AREA	1169.10	–	1169.10
3)	TOTAL AREA	2624.30	–	2624.30
4)	VACANT AREA	–	–	4975.00

PLOT COVERAGE = 2624.30/ 7599.95 X 100 = 34.530 %
F.S.I =2324.30 / 7599.95 = 0.305

SL NO.	PARKING	REQUIRED	PROVIDED
1	TWO WHEELER PARKING SPACE	39 NOS	80 NOS
2	CAR PARKING SPACE	0 NOS	10 NOS
3	CYCLE PARKING SPACE	39 NOS	80 NOS
4	LORRY PARKING SPACE	0 NOS	6 NOS

SCHEDULE OF JOINERIES:

REFERENCE	METER
RS – ROLLING SHUTTER	3.00 x 2.44
D – FLUSH DOOR	1.20 x 2.44
D1 – FLUSH DOOR	0.75 x 2.44
SD – SLIDING DOOR	1.00 x 2.44
W – GLAZED WINDOW	3.00 x 2.00
W1 – GLAZED WINDOW	1.52 X 1.52
V – VENTILATOR	3.00 x 1.00
V1 – VENTILATOR	1.52 x 1.00

EXISTING BUILDING

MD – MAIN DOOR	1.37 x 2.12
D – FLUSH DOOR	0.90 x 2.12
D1 – FLUSH DOOR	0.75 x 2.12
O – OPEN	1.44 x 2.12
O1 – OPEN	0.90 x 2.12
FW – WINDOW	1.37 X 1.80
W – GLAZED WINDOW	1.75 x 1.37
W1 – GLAZED WINDOW	1.44 X 1.37
W2 – GLAZED WINDOW	1.44 X 1.37
KW – KITCHEN WINDOW	1.22 X 1.37
V – VENTILATOR	1.00 x 0.91

EMPLOYEES SPLIT UP LIST

S.NO	EMPLOYEE CATEGORY	GENDER (NOS)		TOTAL (NOS)
		MALE	FEMALE	
1	WORKER	20	10	30

MACHINERY DETAILS

A. TAILORING MACHINE = 22 X 0.5 = 11 HP
B. LAYER CUTTING MACHINE = 6 X 1 = 6 HP
C. IRONING MACHINE = 4 X 0.75 = 3 HP
D. FUSING MACHINE = 2 X 4 = 8 HP
TOTAL = 28 HP

NOTE

1. SULLAGE WASTE FROM TOILET WILL BE CONNECTED INTO ST.
2. BORE WELL WITH MOTAR WATER TANK AND CORPORATION WATER SUPPLY WILL BE PROVIDED.
3. RAIN WATER PERCOLATION PIT PROVIDED @ 1/30 Sqm OF PLINTH AREA @ 6 M C/C
4. RAIN WATER PERCOLATION BED 1.0m WIDE WILL BE PROVIDED AROUND THE BUILDING AS PER GO (MS) NO: 138 DATED 11-10-02.
5. RAIN WATER TAKEN TO THE BORE WELL THROUGH 150MM DIA PIPES.
6. 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.
7. SOLAR WATER HEATER LINE ARRANGEMENTS WILL BE PROVIDED.

APPLICANT	REGISTERED ENGINEER
	N.Nanthakumar Er. N.Nanthakumar,M.E(Struct).,Msc(REV)., Registered Engineer, Reg. No:RE/Gr.II/TLPA/May2019/018 12/A, Kakkan Colony, Airport, Trichy-07. Mobile : 96291 27445.
STRUCTURAL ENGINEER	**GEO-TECH- ENGINEER**
N.Nanthakumar Er. N.Nanthakumar,M.E(Struct).,Msc(REV)., Registered Structural Engineer, Reg. No : SE/Gr.II/TLPA/July2019/135 12/A, Kakkan Colony, Airport, Trichy-07. Mobile : 96291 27445.	K. Ganapathi Er.K.GANAPATHI,B.E.,M.E(Soil Mech).F.I.E.,F.I.V.,D.Litt.,(USA REGISTERED Geo-Tech Engineer / Chartered Engineer (CMDA Regn No. GTE / 19 / 04 / 022) (DTCP Regn No. CGLRGN RGTE / 2019 / 08 / 012) (MLPA Regn No. GTE 002 / 2019) GEOMATRIX CONSULTANCY, (Regn.No.330242233482E) No.22,Thomas Street, Narimedu, Madurai - 625 002, Ph: 7598031360,7708758598 Email geomatrixconsultancy@gmail.com

Signature Not Verified
Signed by: Assistant Director
Location:Karur
Date:2024.02.16 18:09:57