

PLAN SHOWING THE PROPOSED INDUSTRIAL BUILDING CONSTRUCTION OF MANUFACTURING UNIT M/s. **SUNDRAM FASTENERS LIMITED**, AUTOLEC DIVISION FOUNDRY AT PLOT NO : D - 14B, SIPCOT INDUSTRIAL PARK GUMMIDIPOONDI, IN SURVEY NO : 639(Part) OF OLD GUMMIDIPOONDI VILLAGE, GUMMIDIPOONDI TALUK, TIRUVALLUR DISTRICT.

TITLE:

FACTORY SHED 1 - GROUND FLOOR, SECTION, ELEVATION & ROOF PLAN



TNPCB CATEGORY - "ORANGE"

2063 Steel and Steel products using various furnaces like Blast Furnace/ Hot Rolling Reheated furnace

SIPCOT LAYOUT APPROVAL No : SWP/DTCP/TVLR/LAYOUT No : 95/2024

SCALE: SITE PLAN 1:200 & FLOOR PLAN 1: 100

JOINERY DETAILS

TYPES	DESCRIPTION	SIZE
RS1	M.S ROLLING SHUTTER (PERFORATED)	4.50 X 5.00M
RS2	M.S ROLLING SHUTTER (PERFORATED)	5.00 X 5.00M
RS3	M.S ROLLING SHUTTER (PERFORATED)	3.00 X 5.00M
D	UPVC DOOR	1.20 X 2.40M
D1	FRP DOOR	0.90 X 2.40M
D2	FRP DOOR	0.76 X 2.10M
L1	RCC LOUVER	2.25 X 1.50M
V	UPVC VENTILATOR	1.20 X 0.60M
V1	UPVC VENTILATOR	0.90 X 0.60M

COLOUR REFERENCE

	ROAD		PROPOSED BUILDING
	SITE BOUNDARY		PROPOSED MACHINERY

For **SUNDRAM FASTENERS LIMITED**,
AUTOLEC DIVISION
S. Sivasubramanian
Authorized Signatory

OWNER / OCCUPIER

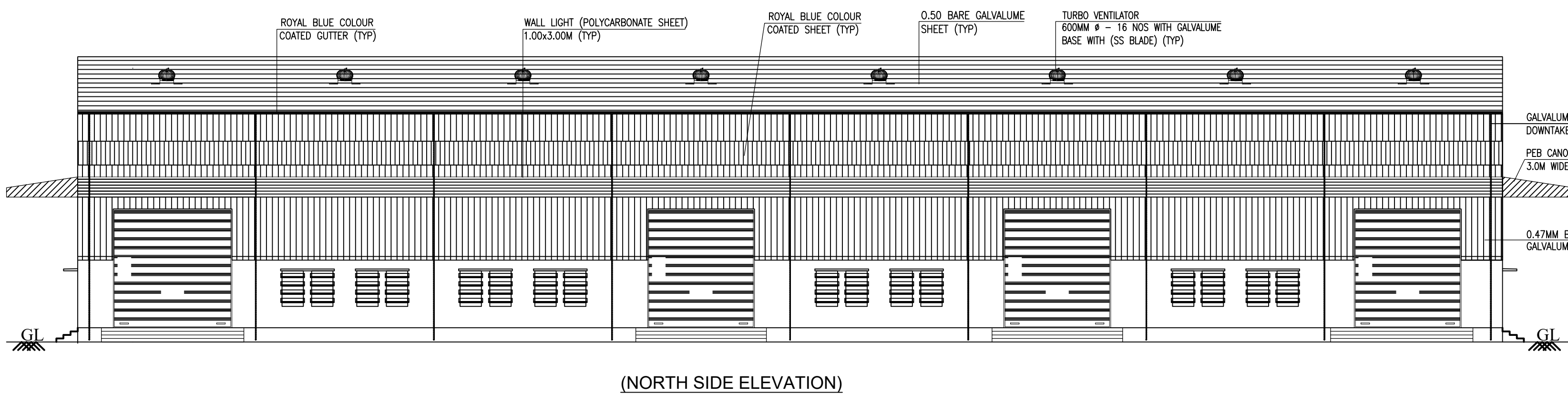
M. Sivam

M. SIVAM, M.E.,
Structural Engineer Grade-I
TVLR/SE-G-1/2022/09/009 DT. 02.08.2022
No.5, Kasi Flats, 2nd Street,
Ambathur Nagar, Vadapalani,
Chennai - 600 026.

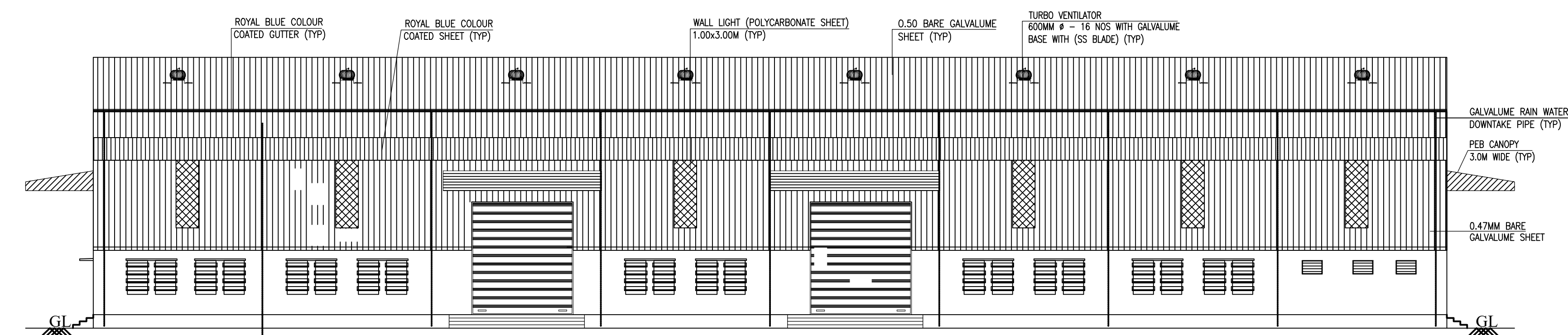
STRUCTURAL ENGINEER Gr-1



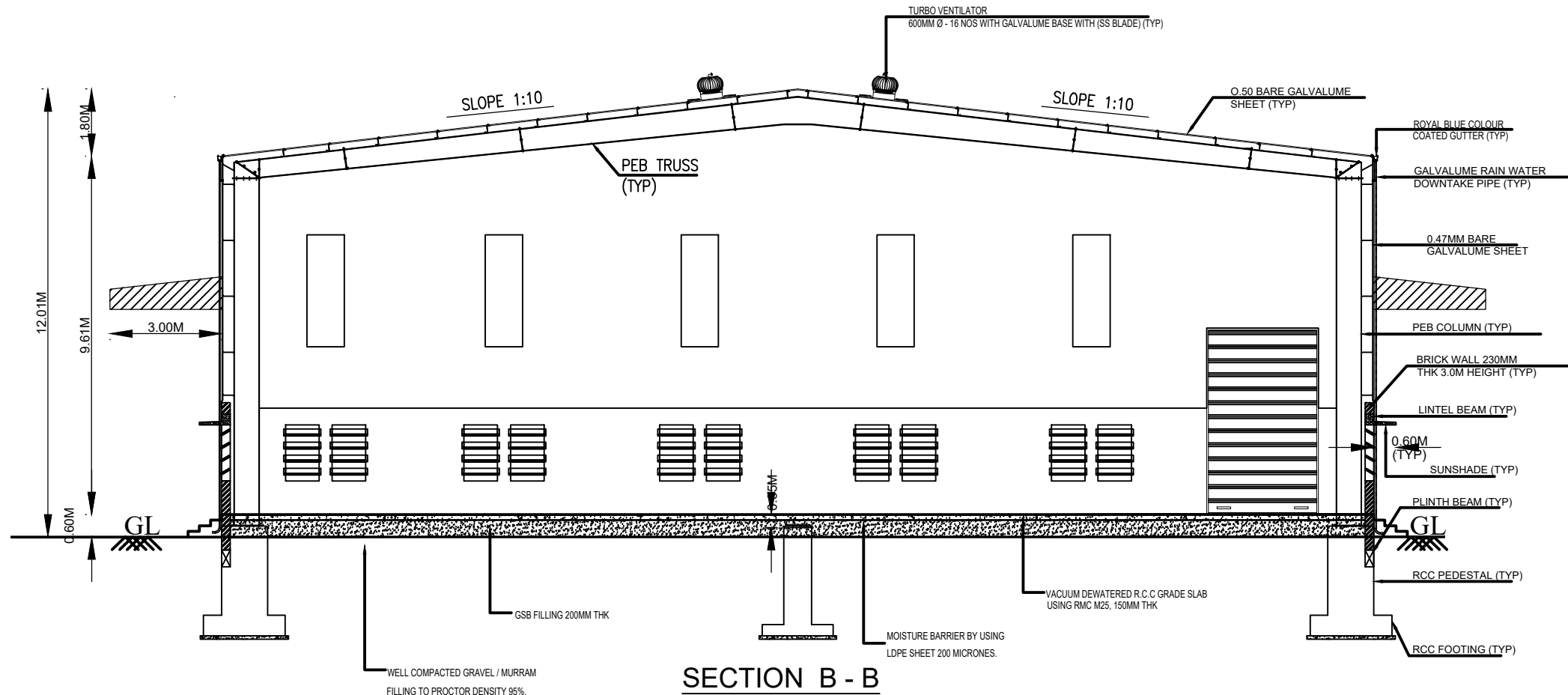
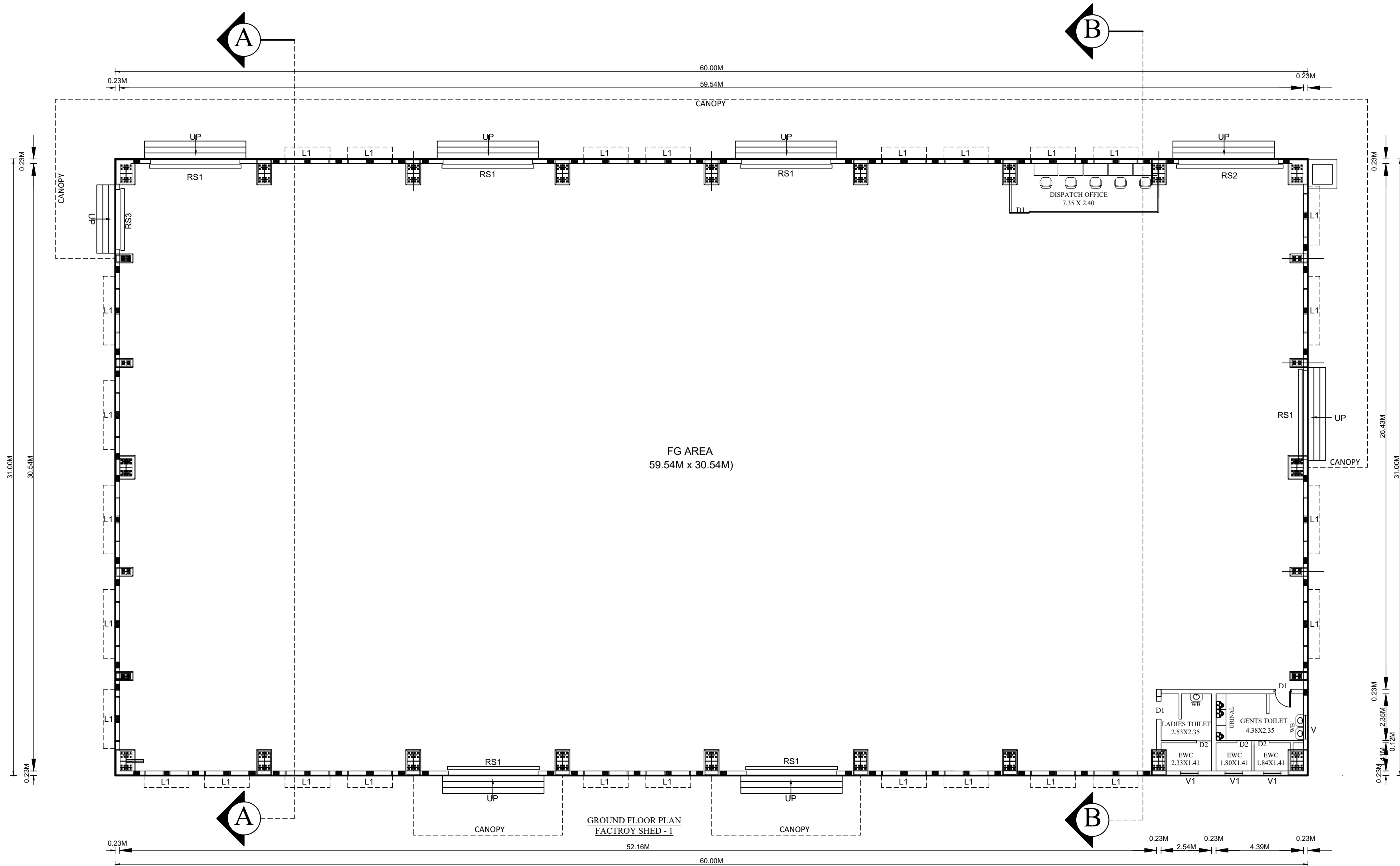
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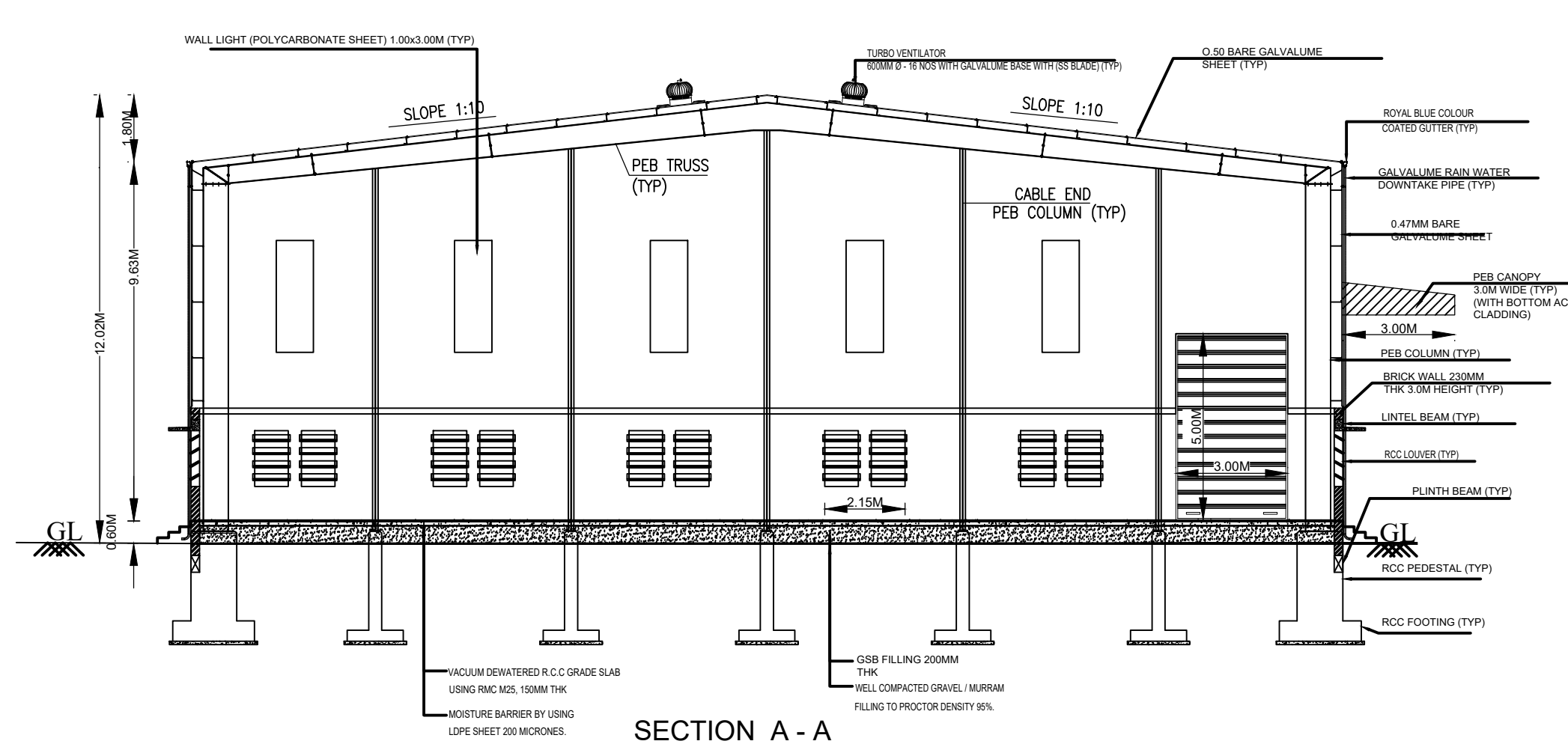
(NORTH SIDE ELEVATION)



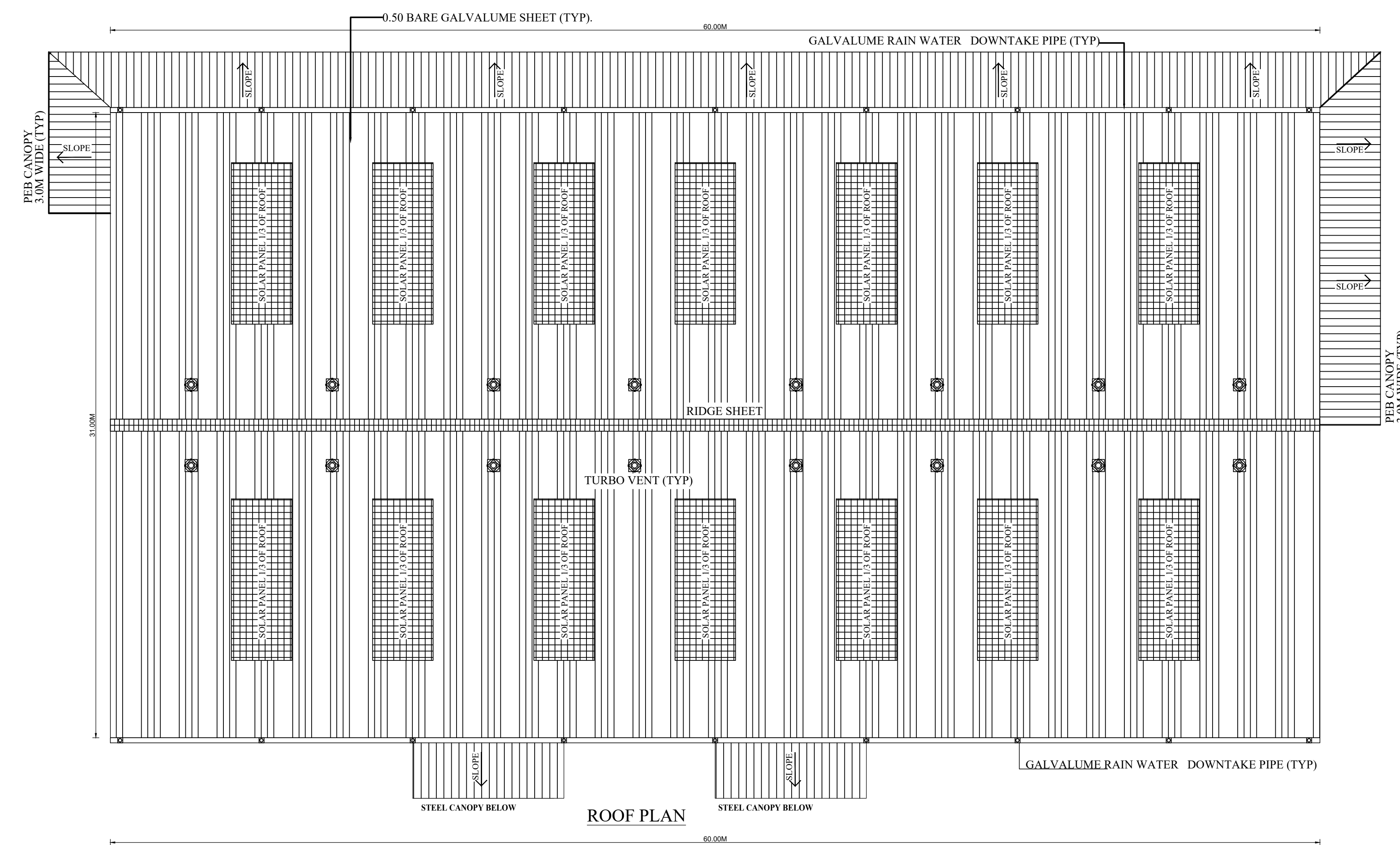
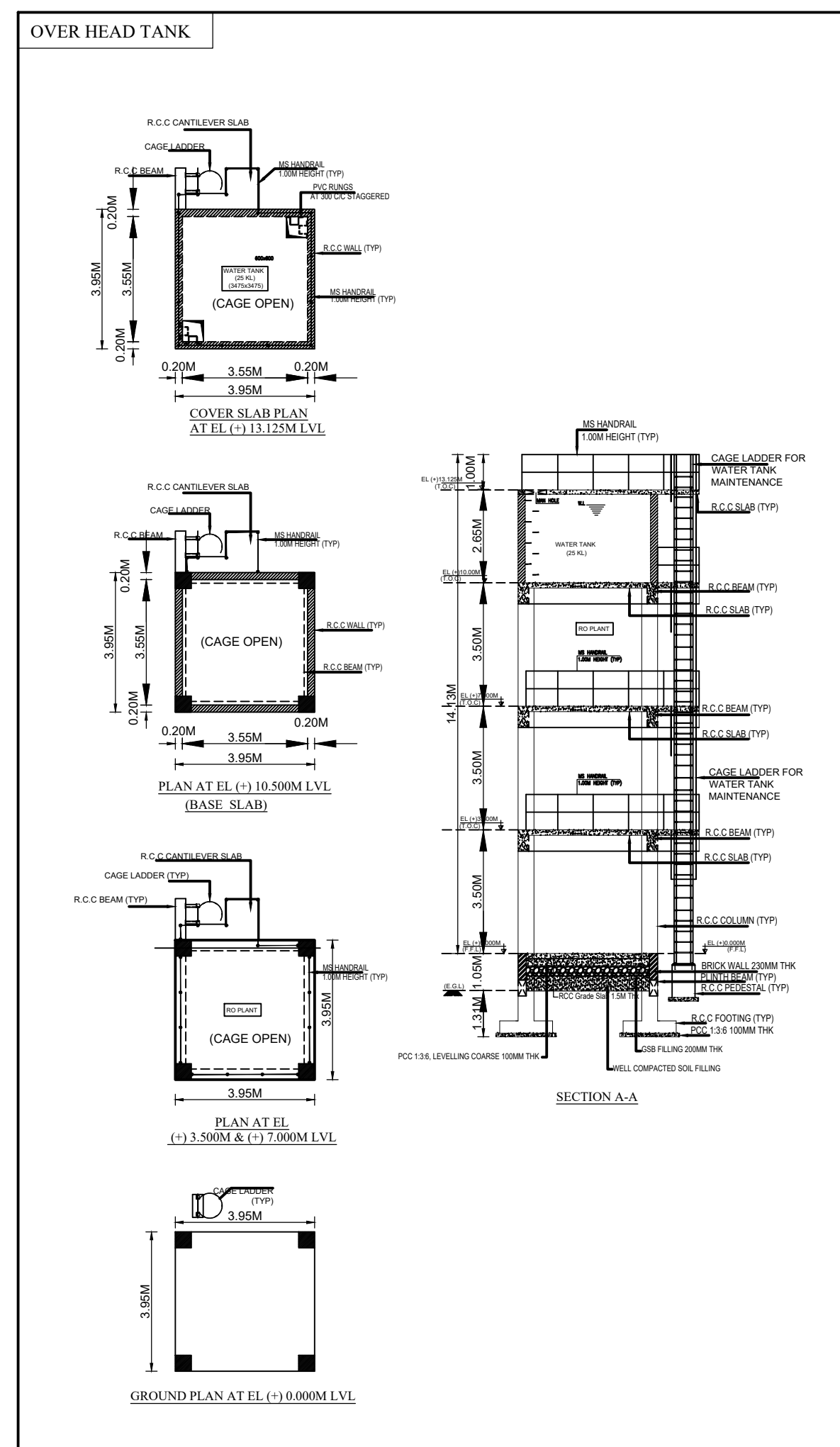
(SOUTH SIDE ELEVATION)



SECTION B - B



SECTION A - A



ROOF PLAN

PLAN SHOWING THE PROPOSED INDUSTRIAL BUILDING CONSTRUCTION OF MANUFACTURING UNIT **M/s. SUNDARAM FASTENERS LIMITED, AUTOLEC DIVISION** FOUNDRY AT PLOT NO : D - 14B, SIPCOT INDUSTRIAL PARK GUMMIDIPOONDI, IN SURVEY NO : 639(Part) OF OLD GUMMIDIPOONDI VILLAGE, GUMMIDIPOONDI TALUK, TIRUVALLUR DISTRICT.

TITLE:

FACTORY SHED 2 - GROUND FLOOR, SECTION, ELEVATION & ROOF PLAN



TNPCB CATEGORY - "ORANGE"

2063 Steel and Steel products using various furnaces like Blast Furnace/ Hot Rolling Reheated furnace

SIPCOT LAYOUT APPROVAL No : SWP/DTCP/TVLR/LAYOUT No : 95/2024

SCALE: SITE PLAN-1:200 & FLOOR PLAN 1: 100

LIST OF EQUIPMENTS AND HP DETAILS

S. NO	EQUIPMENT DESCRIPTION	QTY IN NOS	HP PER UNIT	TOTAL HP
1.	Vertical Milling Machine	3	16.00	48.00
2.	Vertical Milling Machine	2	25.00	50.00
3.	Vertical Milling Machine	1	17.00	17.00
4.	Vertical Milling Machine	1	32.00	32.00
5.	Vertical Milling Machine	1	15.00	15.00
6.	CNC	4	15.00	60.00
7.	CNC	1	30.00	30.00
8.	LMW CNC	2	18.00	36.00
9.	ACE CNC	3	16.00	48.00
10.	ACE CNC	2	21.00	42.00
11.	Drilling	1	1.50	1.50
12.	Drilling	1	12.00	12.00
13.	Prewo Drilling	1	6.00	6.00
14.	Milling	1	10.00	10.00
15.	Doosan	1	40.25	40.25
16.	Feeler	1	16.20	16.20
17.	WMW	2	37.00	74.00
18.	Press	1	2.00	2.00
19.	Internal Grinder	2	4.50	9.00
20.	Marking	1	50.00	50.00
			Total HP =	598.95

JOINERY DETAILS

TYPES	DESCRIPTION	SIZE
RS1	M.S ROLLING SHUTTER (PERFORATED)	4.50 X 5.00M
RS2	M.S ROLLING SHUTTER (PERFORATED)	5.00 X 5.00M
RS3	M.S ROLLING SHUTTER (PERFORATED)	3.00 X 5.00M
D	UPVC DOOR	1.20 X 2.40M
D1	FRP DOOR	0.90 X 2.40M
D2	FRP DOOR	0.76 X 2.10M
L1	RCC LOUVER	2.25 X 1.50M
V	UPVC VENTILATOR	1.20 X 0.60M
V1	UPVC VENTILATOR	0.90 X 0.60M

COLOUR REFERENCE

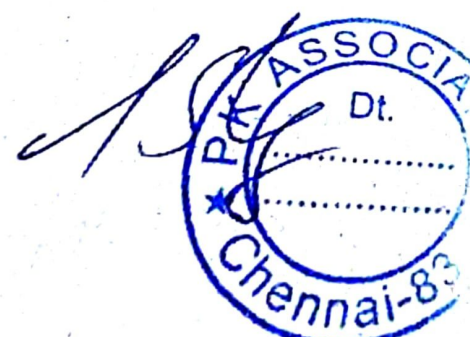
	ROAD		PROPOSED BUILDING
	SITE BOUNDARY		PROPOSED MACHINERY

For **SUNDARAM FASTENERS LIMITED.**
AUTOLEC DIVISION
M. Sivam
Authorised Signatory

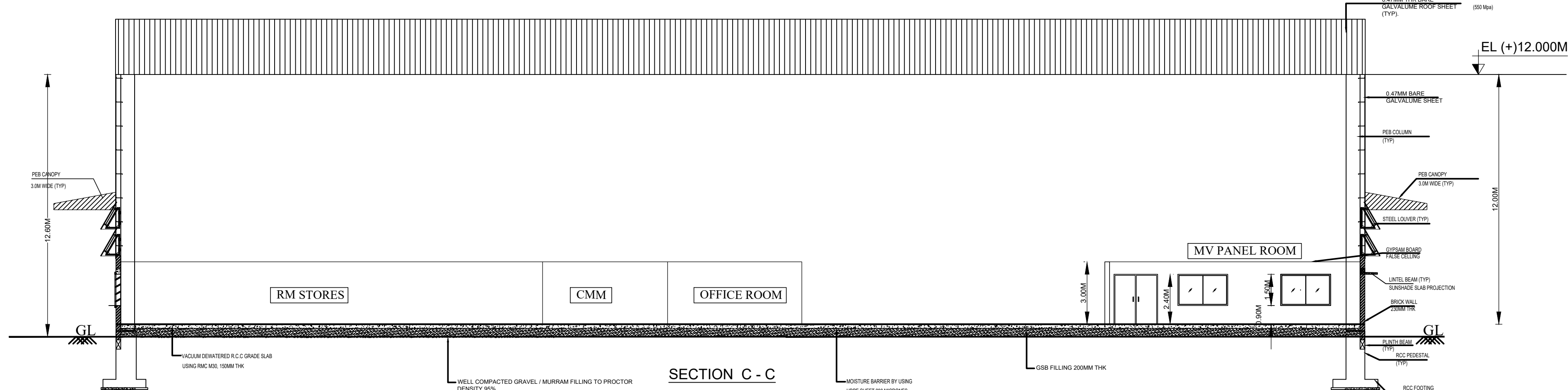
OWNER / OCCUPIER

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TVLR/RSSE/Gr-I/2022/09-009 DT. 02.09.2022
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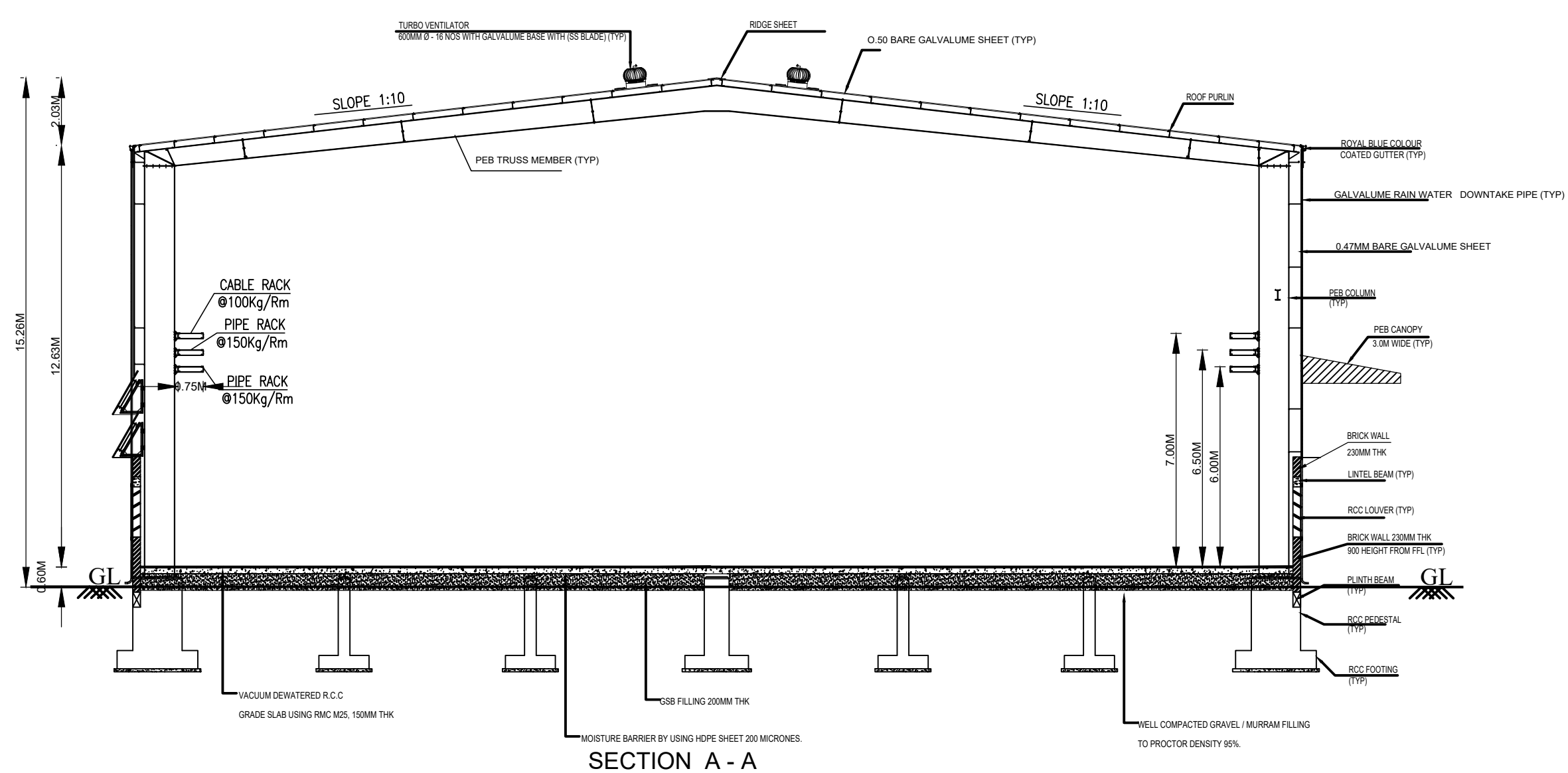
STRUCTURAL ENGINEER Gr-I



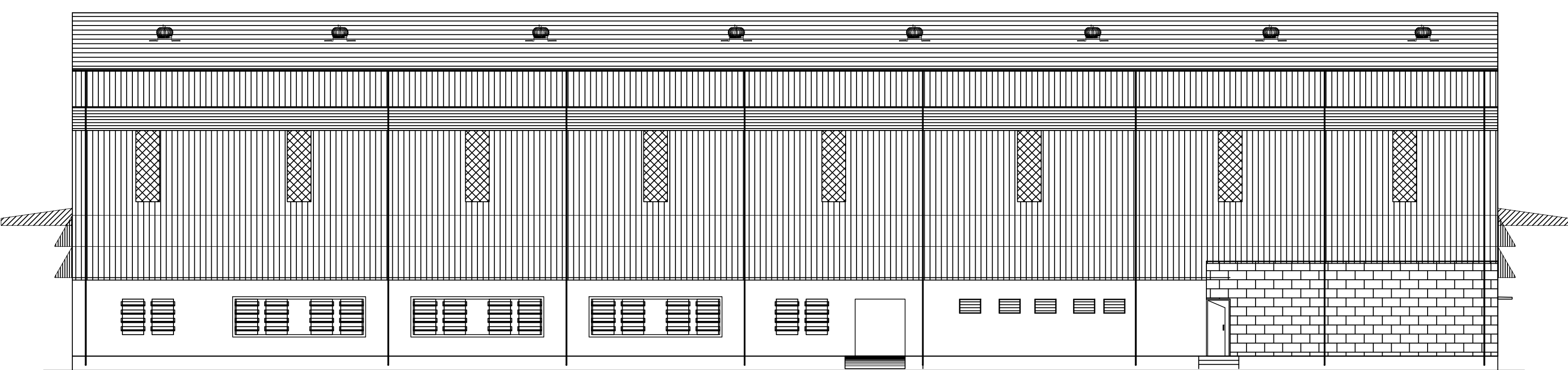
REGISTERED ENGINEER Gr-I



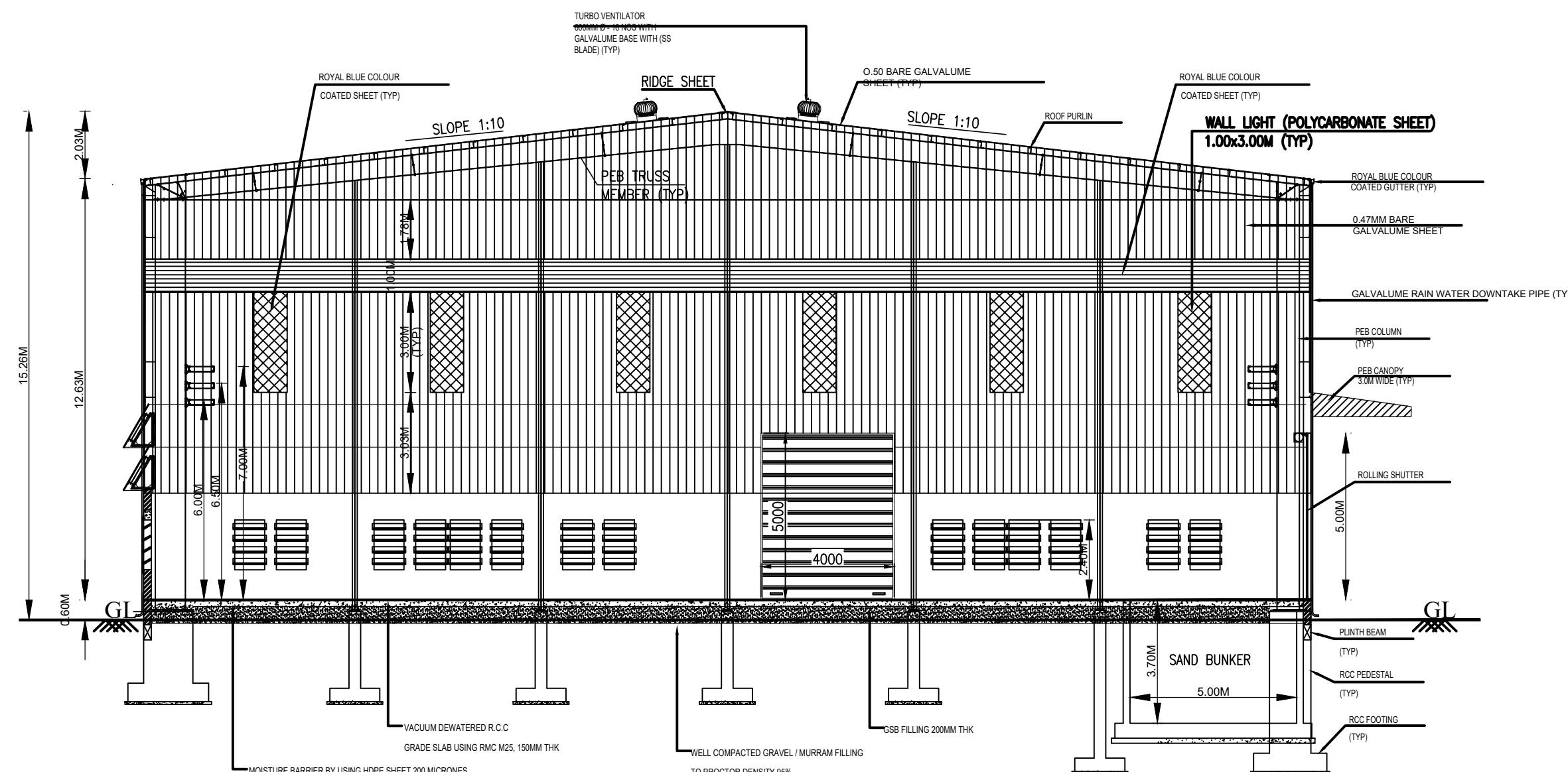
SECTION C - C



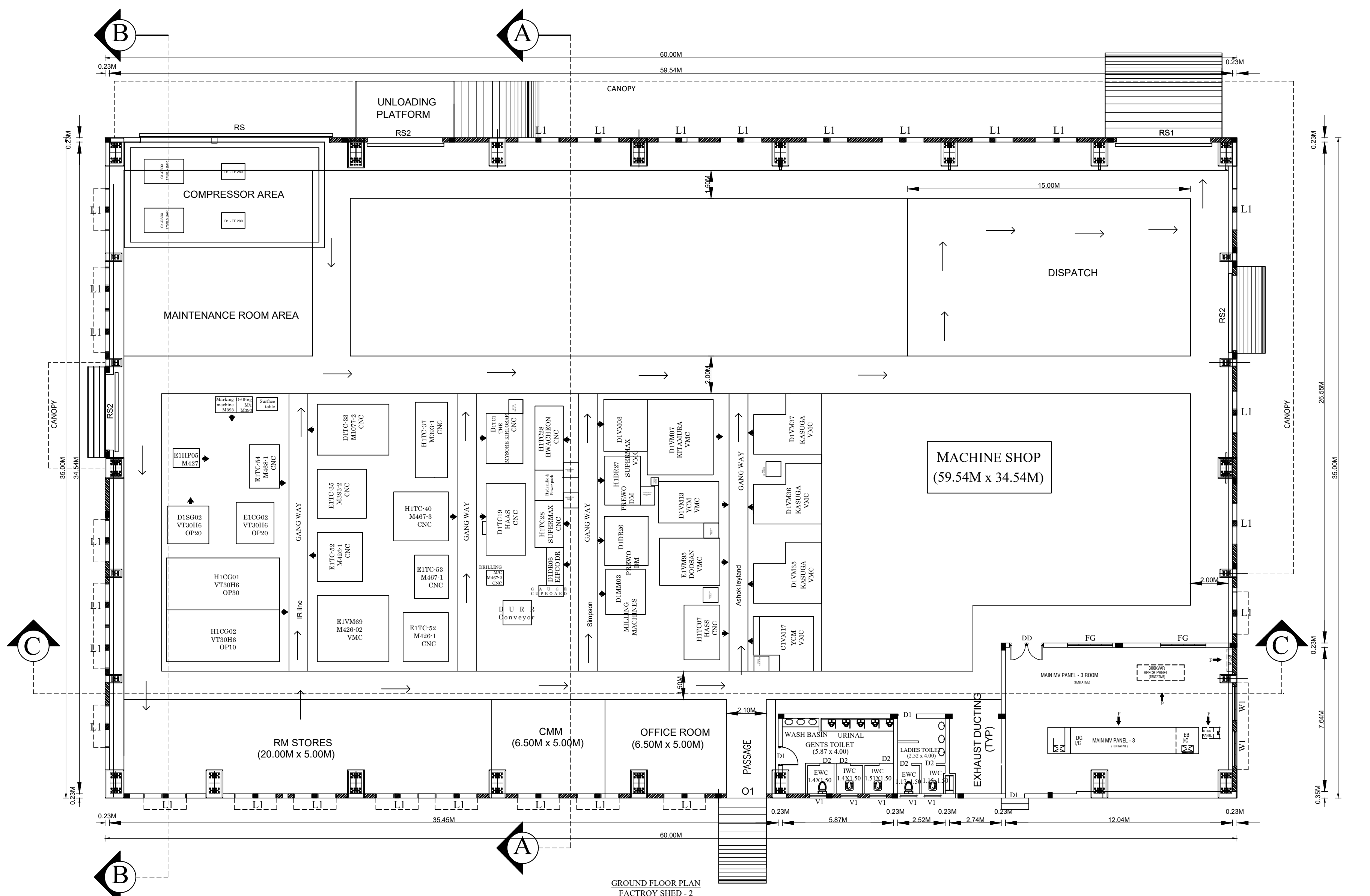
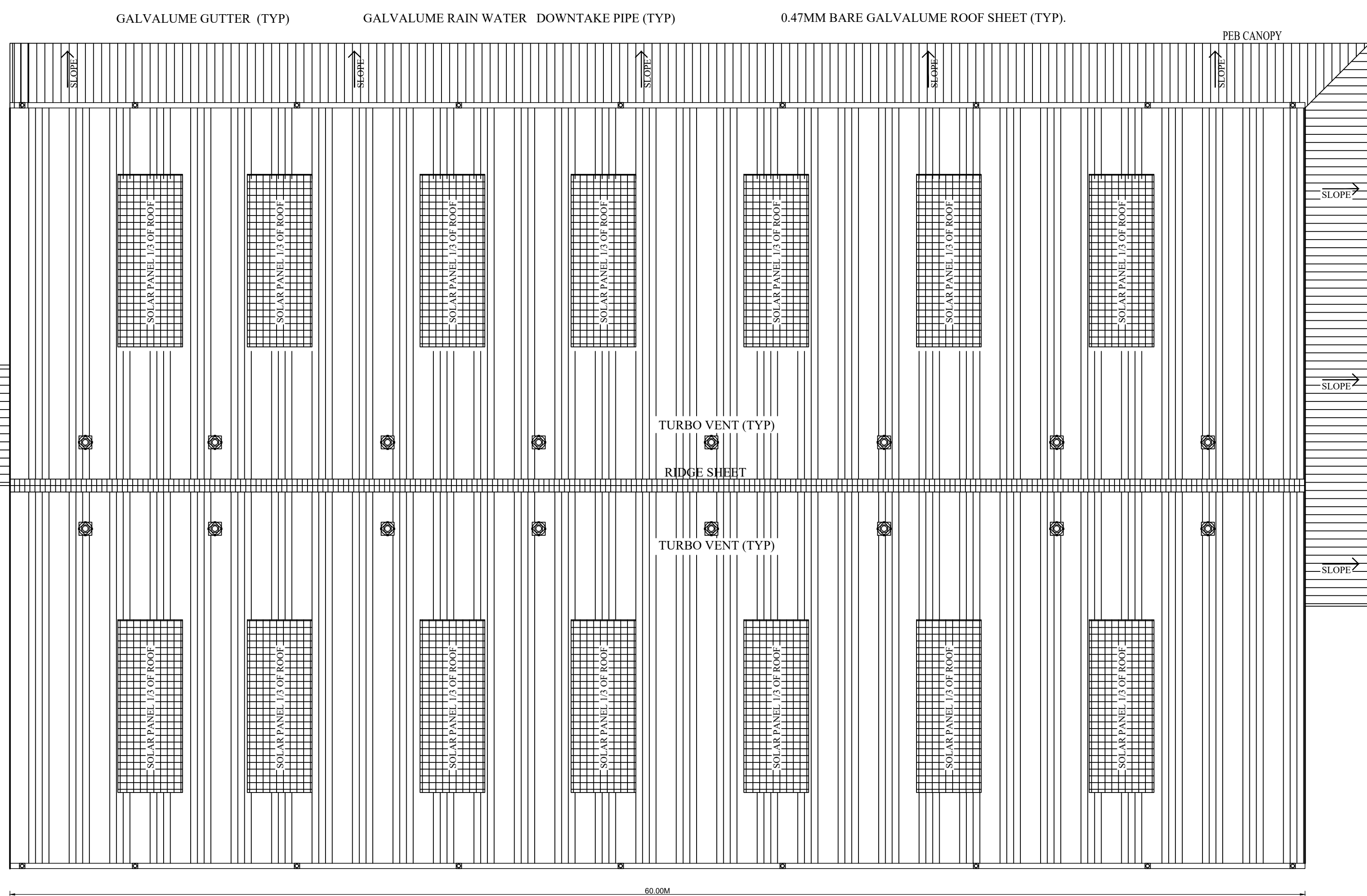
SECTION A - A



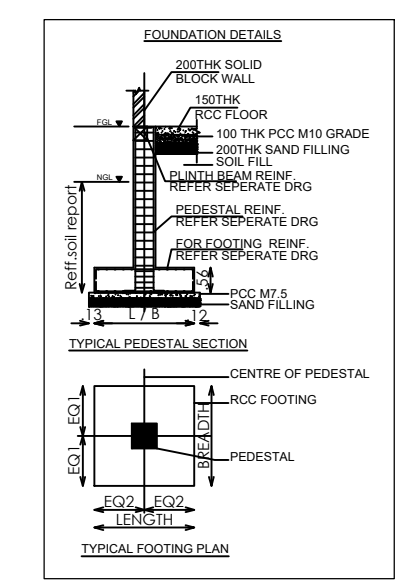
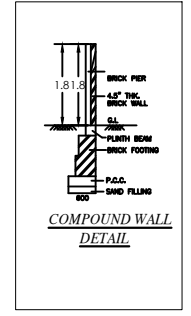
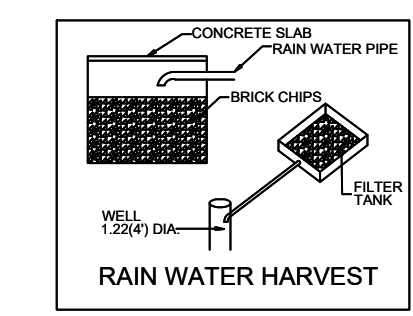
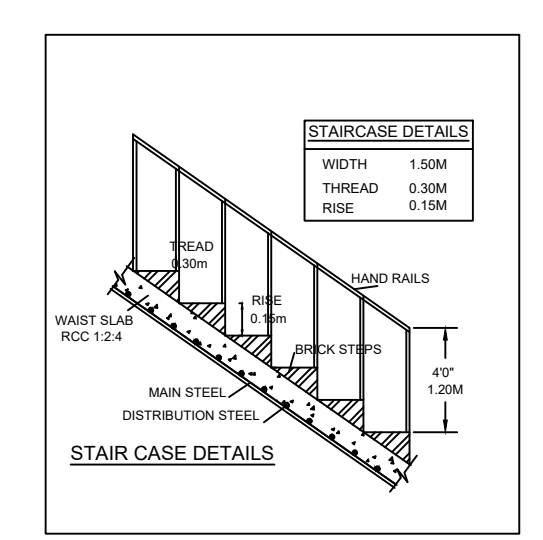
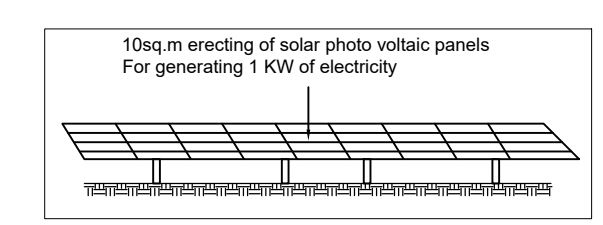
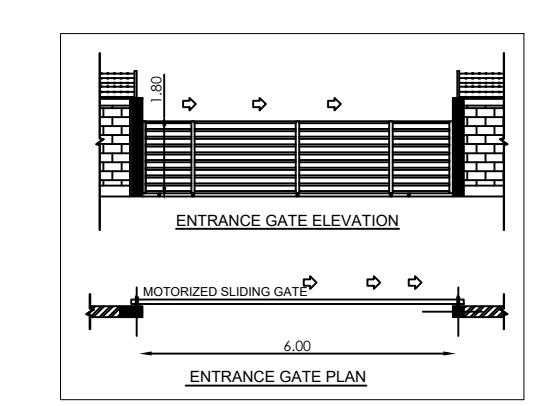
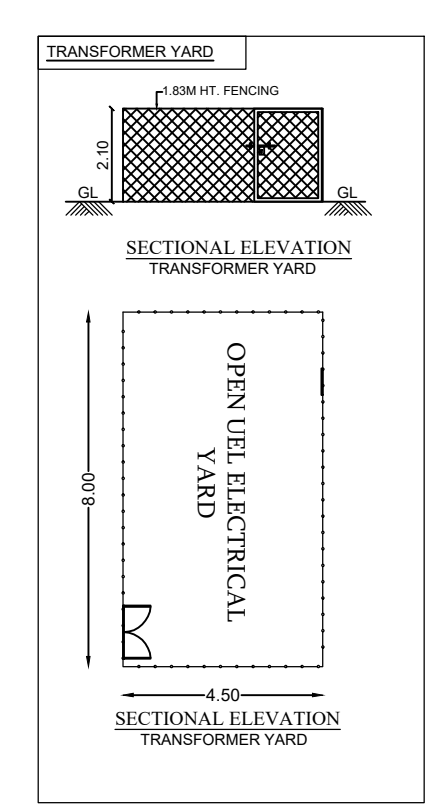
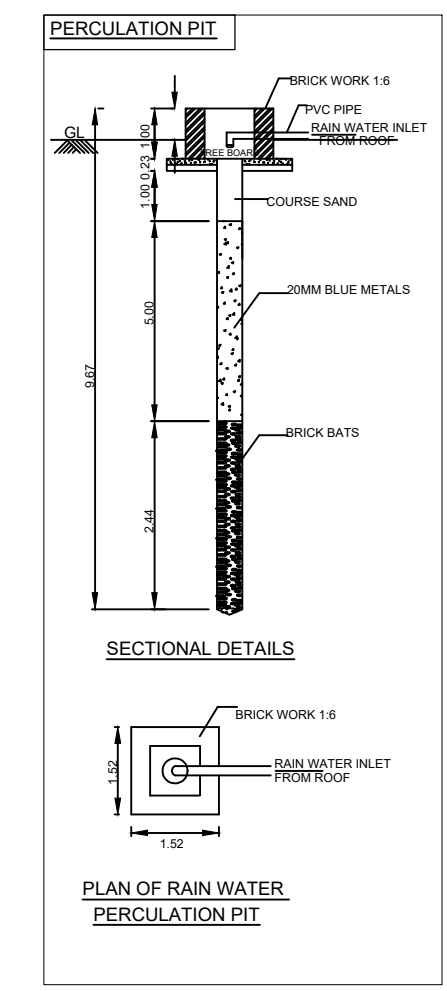
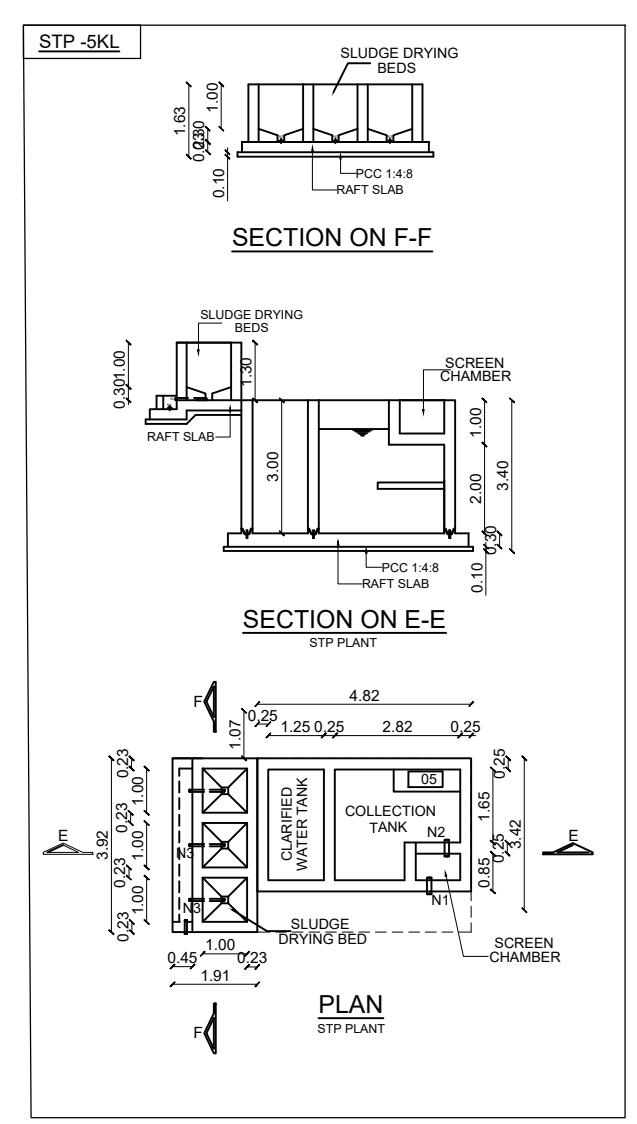
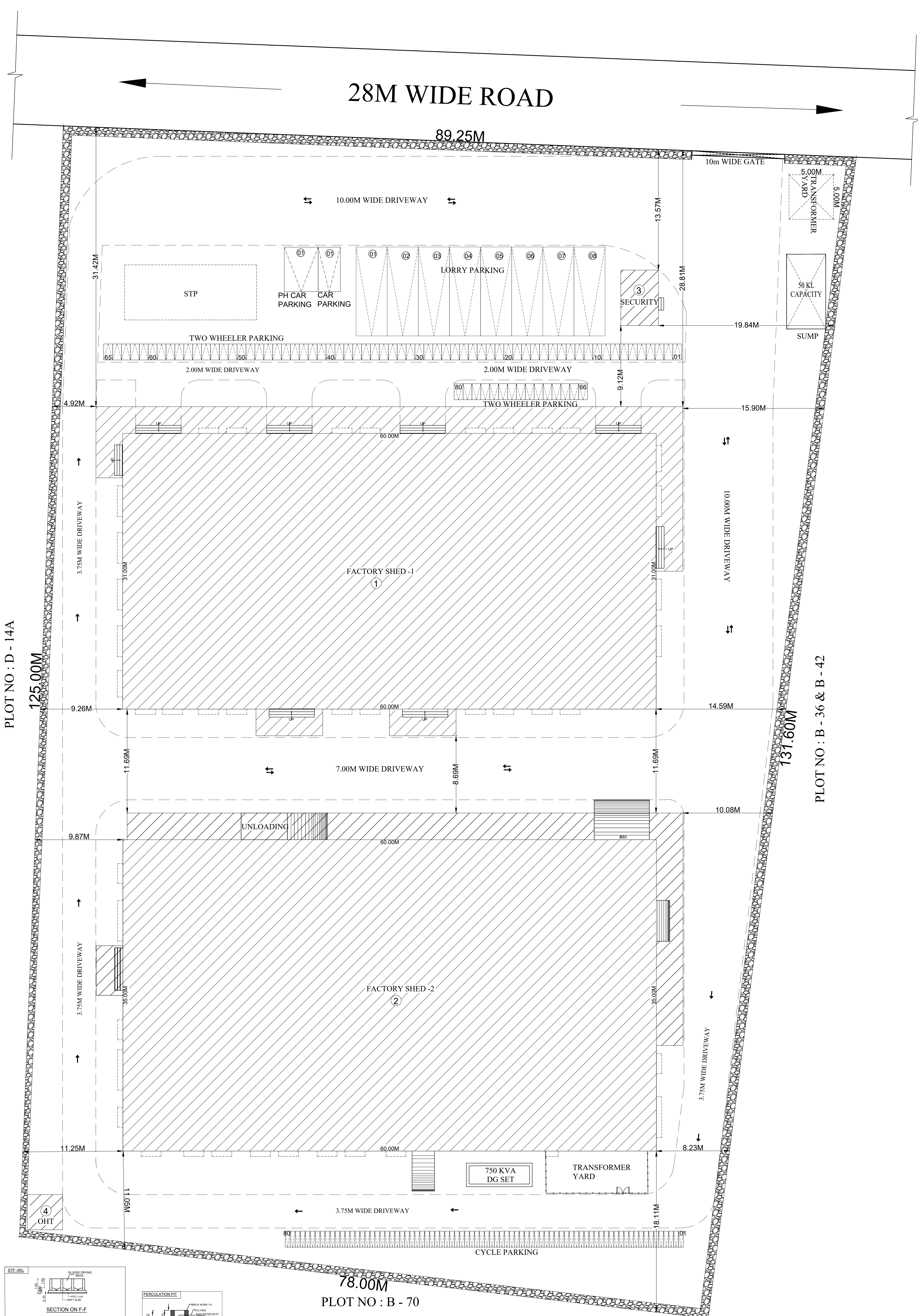
SOUTH SIDE ELEVATION



SECTION B - B

GROUND FLOOR PLAN
FACTORY SHED - 2

ROOF PLAN



SHEET NO - 03/03

PLAN SHOWING THE PROPOSED INDUSTRIAL BUILDING CONSTRUCTION OF MANUFACTURING UNIT **M/s. SUNDARAM FASTENERS LIMITED**, AUTOLEC DIVISION FOUNDRY AT PLOT NO : D - 14B, SIPCOT INDUSTRIAL PARK GUMMIDIPOONDI, IN SURVEY NO : 639(Part) OF OLD GUMMIDIPOONDI VILLAGE, GUMMIDIPOONDI TALUK, TIRUVALLUR DISTRICT.

TITLE: SITE PLAN NORTH

TNPB CATEGORY - "ORANGE"
2063 Steel and Steel products using various furnaces like Blast Furnace/ Hot Rolling Reheated furnace

SIPCOT LAYOUT APPROVAL No : SWP/DTCP/TVLR/LAYOUT No : 95/2024

SCALE: SITE PLAN:1:200 & FLOOR PLAN 1: 100

AREA STATEMENT (Sq.m)

PLOT EXTENT AS PER DOCUMENT : 2.62 Acres (10602.76Sq.mt)						
SL.No	BLOCK NAME	FLOOR NAME	FSI AREA (Sq.mt)	NON FSI AREA (Sq.mt)	TOTAL BUILDING AREA (Sq.mt)	BUILDING HEIGHT (m)
1.	FACTORY SHED - 1	GROUND FLOOR (PG AREA)	1860.00	----	2,164.50	12.00M
		CANOPY - 2ND	304.50	----		
2.	FACTORY SHED - 2	GROUND FLOOR (WORKSHOP)	2100.00	----	2,336.90	15.34M
		CANOPY - 2ND	236.90	----		
3.	SECURITY ROOM	GROUND FLOOR	26.40	----	26.40	3.60M
4.	OVER HEAD TANK	GROUND FLOOR	15.60	----	15.60	3.65M
TOTAL AREA in Sq.mt =			4563.40	----	4563.40	

F.S.I CALCULATION :
F.S.I : $\frac{\text{TOTAL FSI AREA}}{\text{TOTAL PLOT AREA}} = \frac{4,563.40}{10602.76} = 0.43$

HORSEPOWER DETAILS :
TOTAL H.P : 596.95 H.P
DG STANDBY : 750 KVA

MANPOWER DETAILS :
NO OF WORKERS : 90Nos (70M + 20F)

PARKING DETAILS		
PARKING	REQUIRED	PROVIDED
LORRY PARKING	8 Nos	8 Nos
CAR PARKING	1 Nos	1 + 1 Nos
TWO WHEELER PARKING	80 Nos	80 Nos
CYCLE PARKING	80 Nos	80 Nos

COLOR REFERENCE

ROAD PROPOSED BUILDING
SITE BOUNDARY PROPOSED MACHINERY

For SUNDARAM FASTENERS LIMITED.
AUTOLEC DIVISION
Authorized Signatory

OWNER / OCCUPIER

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STRUCTURAL ENGINEER Gr-1

REGISTERED ENGINEER Gr-I