

PLAN SHOWING THE PROPOSED INDUSTRIAL BUILDING CONSTRUCTION OF SHEET METAL PRESS COMPONENTS MANUFACTURING UNIT

M/S.MECHO LIGHT COMPONENTS (CHENGAI) PVT. LTD
PLOT NO: S-2/1, SIPCOT'S AEROSPACE PARK AT VALLAM VADAKAL, IN S.No: 23(Pt) VALLAM-'A' VILLAGE, SRIPERUMBUDUR TALUK, KANCHEEPURAM DISTRICT.

TITLE:

FACTORY BUILDING, LABOUR REST ROOM,
ELECTRICAL ROOM & DINNING, PUMP ROOM,
SECURITY - PLAN, SECTION & ELEVATION

SIPCOT PLOT APPROVAL NO:

ம.வாந.அ.பு.இ.(கா.அ) எண்.114/2021

"TNPCB - INDUSTRIES CLASSIFIED AS "GREEN", ANNEXURE - VI
(37) JOBBING AND MACHINING

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

JOINERY DETAILS

TYPES	DESCRIPTION	SIZE
RS1	ROLLING SHUTTER	4.6MX7.6M
RS2	ROLLING SHUTTER	3.0MX3.5M
RS	ROLLING SHUTTER	3.0MX3.0M
ED	EMERGENCY DOOR	1.0MX2.1M
W	WINDOW	1.8MX1.5M
W1	WINDOW	1.5MX1.2M
W2	WINDOW	1.2MX1.2M
D1	DOOR	1.5MX2.1M
D2	DOOR	900MX2.1M
D3	DOOR	750MX2.1M
D4	DOOR	1.0MX2.1M
D5	DOOR	1.2MX2.1M
V1	VENTILATOR	1.8MX.600M
V2	VENTILATOR WITH EXHAUST FAN	600MX.600M

LIST OF PROPOSED MACHINERY DETAILS

S.No	NAME OF MACHINERY	TOTAL H.P
1	PNEUMATIC POWER PRESS-250 TON	25
2	PNEUMATIC POWER PRESS-160 TON	20
3	PNEUMATIC POWER PRESS-110 TON	15
4	PNEUMATIC POWER PRESS-80 TON	10
5	PNEUMATIC POWER PRESS-63 TON	7.5
6	PNEUMATIC POWER PRESS-45TON	5
7	PNEUMATIC POWER PRESS-35 TON	5
8	COIL FEDER	2
9	AIR COMPRESSOR	15
10	TOTAL H.P	104.50

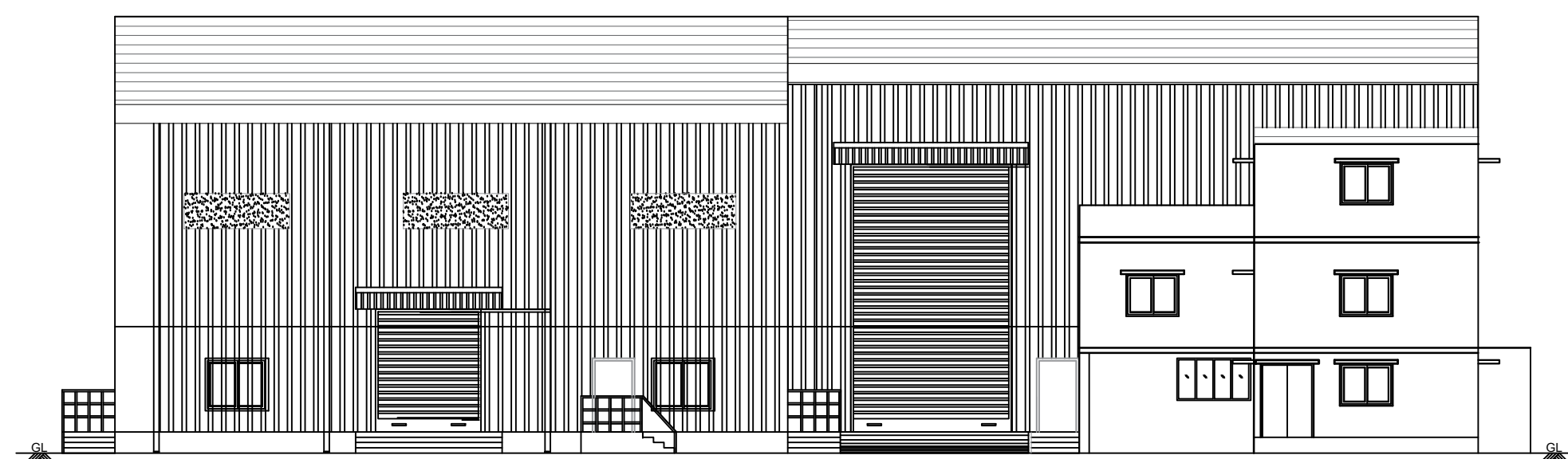
COLOUR REFERENCE

PROPOSED BUILDING
PROPOSED MACHINERY

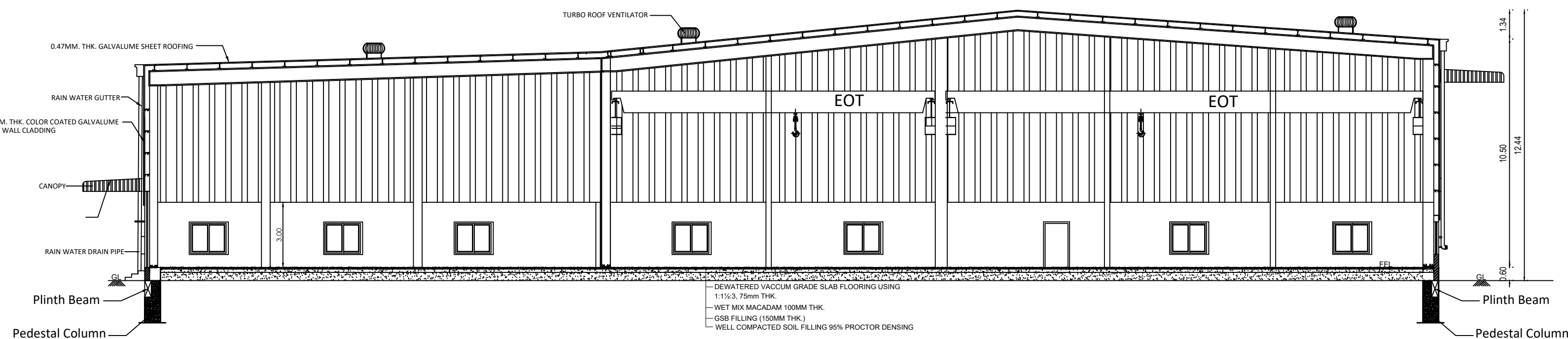
OWNER / OCCUPIER

ARCHITECT

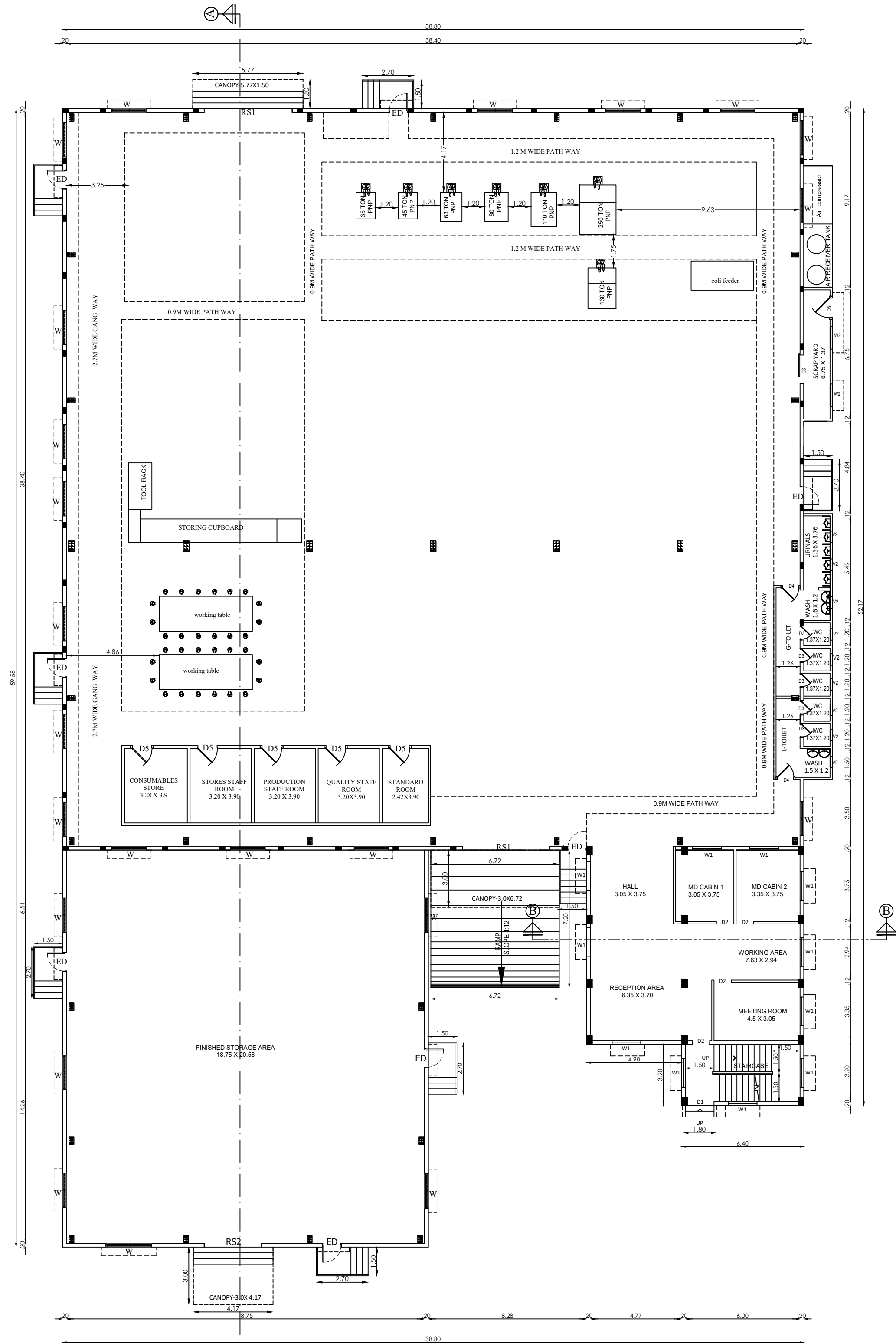
STRUCTURAL ENGINEER G-1



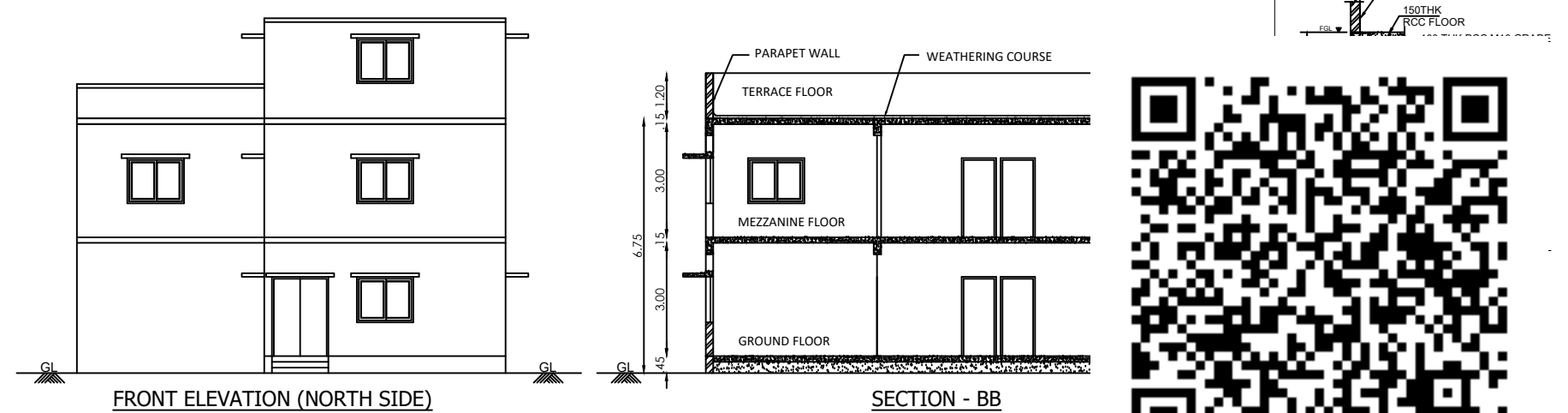
FRONT ELEVATION (NORTH SIDE)
FACTORY BUILDING



SECTION - A-A

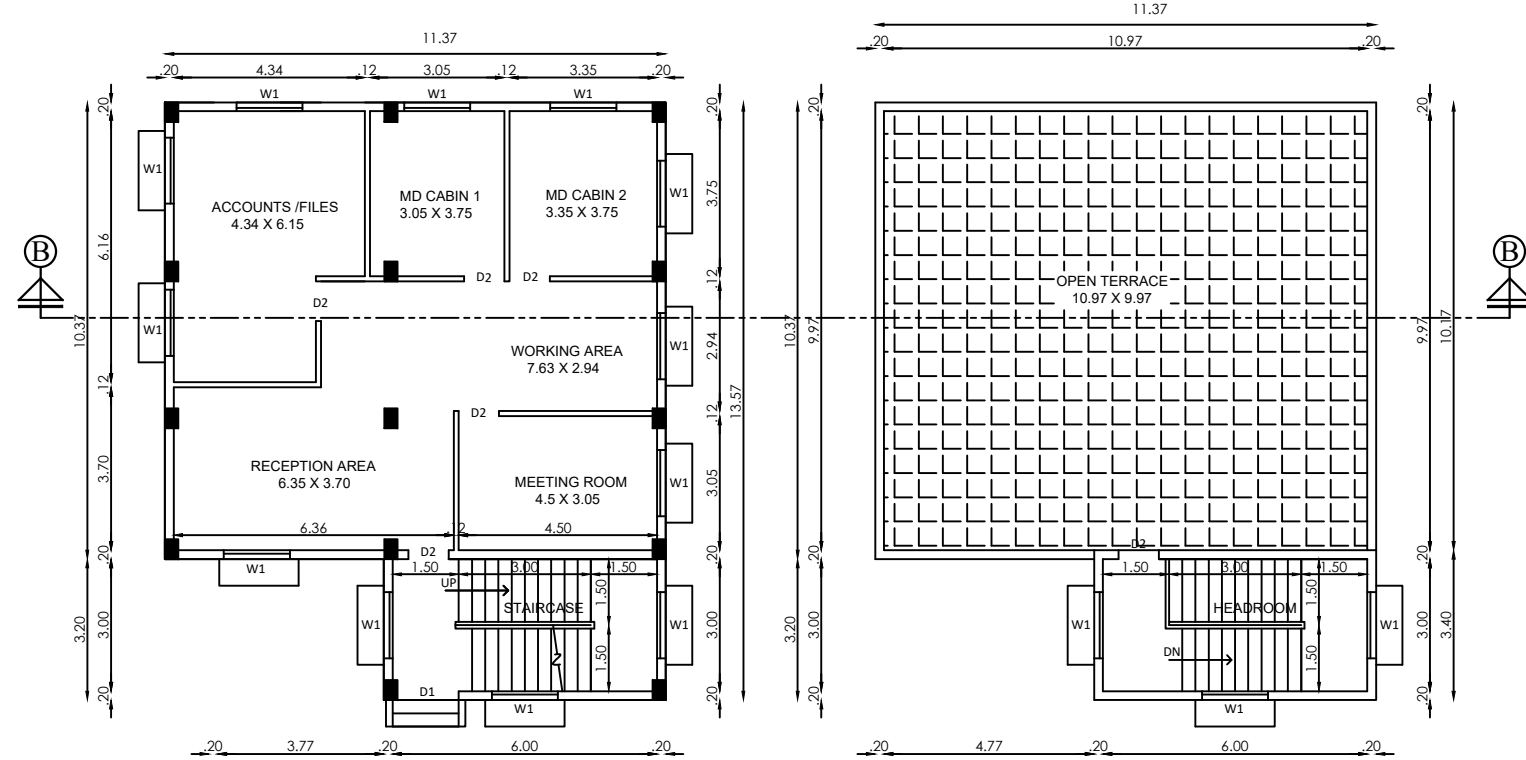


GROUND FLOOR PLAN
FACTORY BUILDING



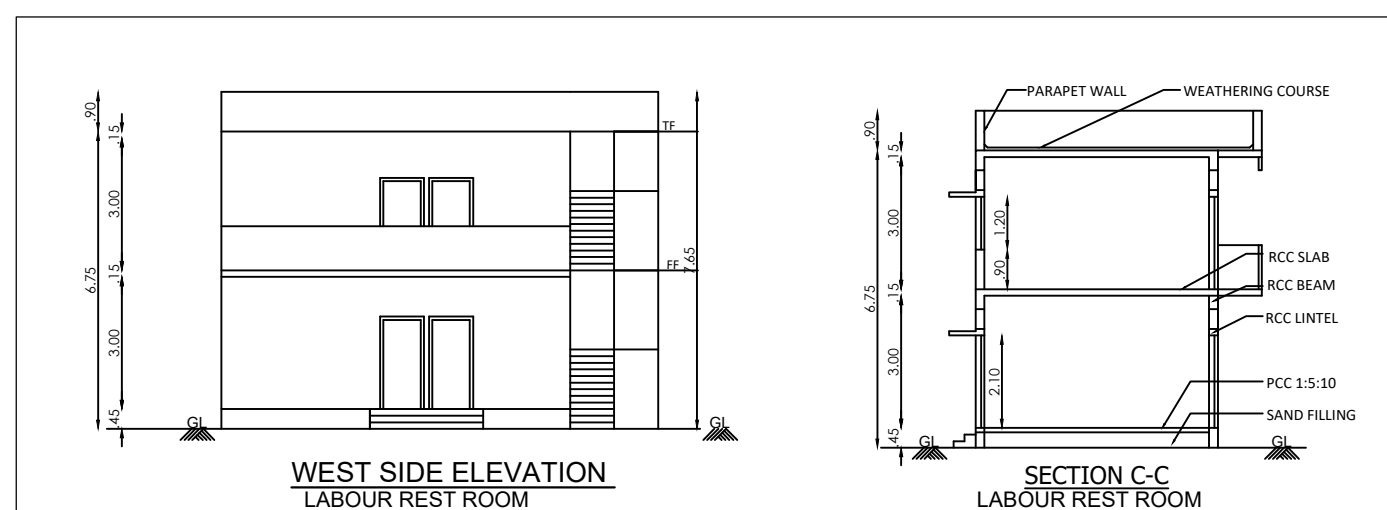
FRONT ELEVATION (NORTH SIDE)

SECTION - BB



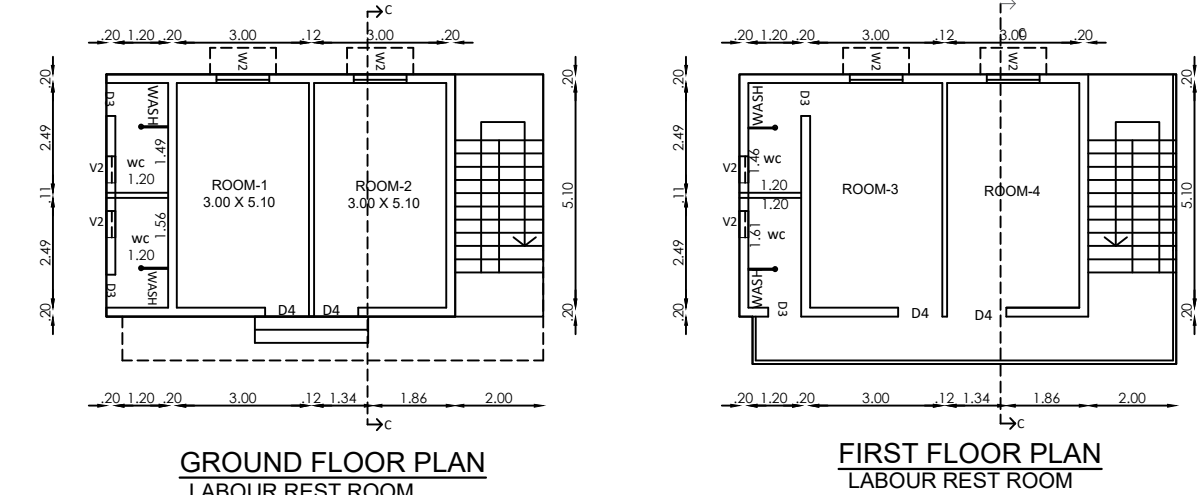
MEZZANINE FLOOR PLAN
(OFFICE BUILDING)

TERRACE FLOOR PLAN
(OFFICE BUILDING)



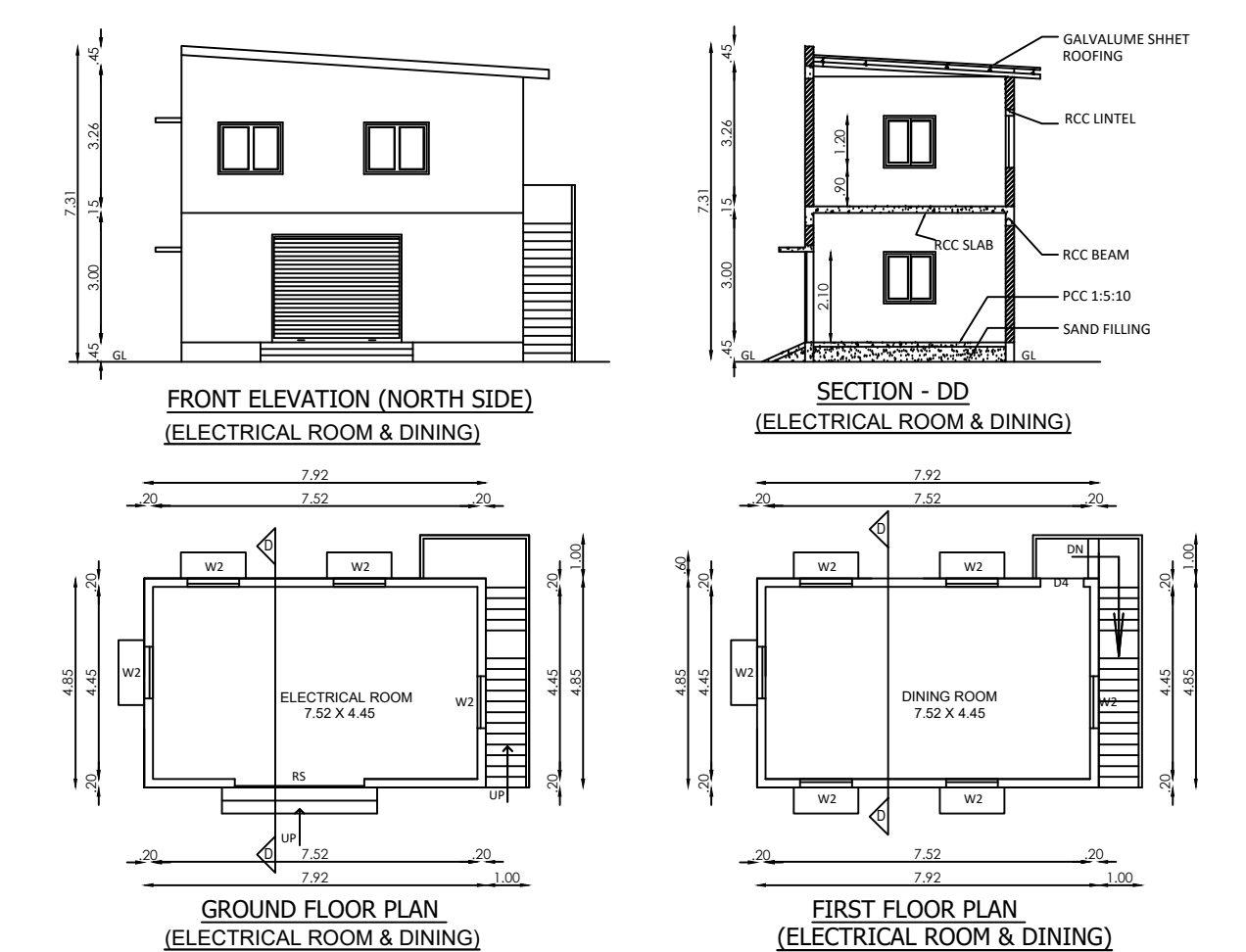
WEST SIDE ELEVATION
LABOUR REST ROOM

SECTION - C-C
LABOUR REST ROOM



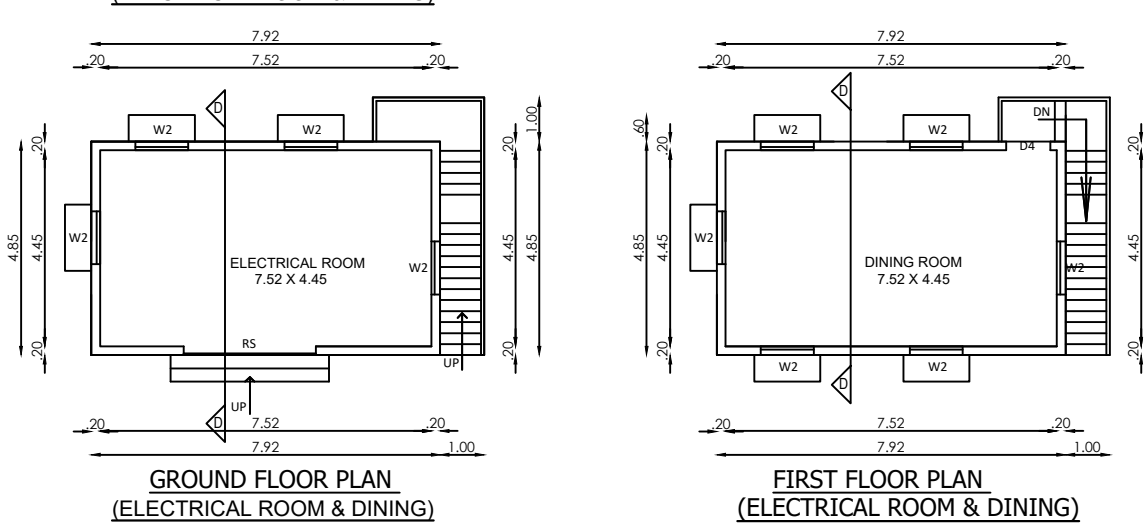
GROUND FLOOR PLAN
LABOUR REST ROOM

FIRST FLOOR PLAN
LABOUR REST ROOM



FRONT ELEVATION (NORTH SIDE)
(ELECTRICAL ROOM & DINING)

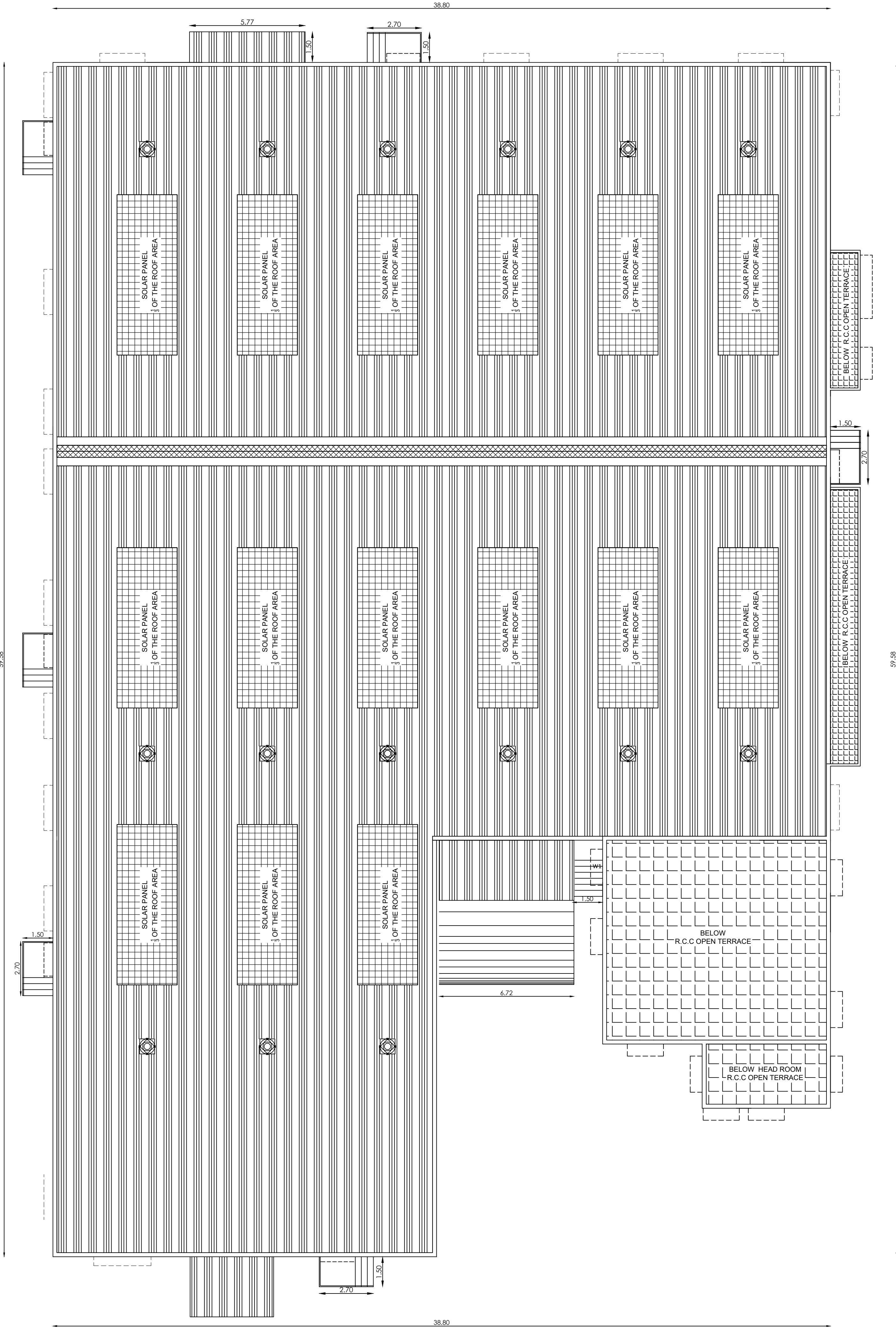
SECTION - DD
(ELECTRICAL ROOM & DINING)



GROUND FLOOR PLAN
(ELECTRICAL ROOM & DINING)

FIRST FLOOR PLAN
(ELECTRICAL ROOM & DINING)





ROOF PLAN
FACTORY BUILDING

SHEET NO - 02/03

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TITLE:
FACTORY BUILDING ROOF PLAN

SIPCOT PLOT APPROVAL NO:
ம.வந.உ.து.இ(கா.மா) எண்.114/2021

"TNPCB - INDUSTRIES CLASSIFIED AS "GREEN", ANNEXURE – VI
(37) JOBBING AND MACHINING

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

COLOUR REFERENCE

- PROPOSED BUILDING
- PROPOSED MACHINERY

M/S.MECHO LIGHT COMPONENTS (CHENGAI) PVT. LTD
Managing Director

OWNER / OCCUPIER

P. DINESH BABU, S.Arch.
Regd Architect, CA200404274
45A, G-2, 2nd Street, Nambakkam Regd.
Palaniam, Chennai - 600 100

ARCHITECT

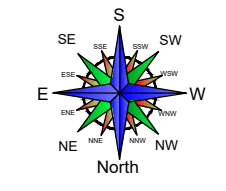
S.P. SENTHIL KUMAR
45A, G-2, 2nd Street, Nambakkam Regd.
Palaniam, Chennai - 600 100

STRUCTURAL ENGINEER Gr-1

PLAN SHOWING THE PROPOSED INDUSTRIAL BUILDING CONSTRUCTION OF SHEET METAL PRESS COMPONENTS MANUFACTURING UNIT
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TITLE:

SITE PLAN,



SIPCOT PLOT APPROVAL NO:
ID.வ/ந.உ.து.இ(கா.இ) எண்.114/2021

"TNPCB - INDUSTRIES CLASSIFIED AS "GREEN", ANNEXURE - VI
(37) JOBBING AND MACHINING

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

AREA STATEMENT (Sq.m)

TOTAL PLOT AREA : 1.24 Acre (5018.28 Sq.m)

BK NO	BLOCK NAME	FLOOR NAME	FSI AREA (Sq.m)	NON FSI AREA (Sq.m)	TOTAL BUILDUP AREA (Sq.m)	BUILDING HEIGHT (m)
A	BLOCK-FACTORY BUILDING	GROUND FLOOR (WORKSHOP)	2,070.50	---	2,246.05	12.44 M
		MEZZANINE FLOOR (INDUSTRIAL OFFICE)	138.40	---		
		CANOPY - 3 Nos	37.15	---		
B	LABOUR REST ROOM	GROUND FLOOR	54.50	---	131.50	7.65M
		FIRST FLOOR	64.90	---		
C	ELECTRICAL ROOM & DINING	GROUND FLOOR	45.80	---	84.20	7.31M
		FIRST FLOOR	38.40	---		
D	PUMP ROOM	GROUND FLOOR	40.00	---	40.00	4.16M
E	SECURITY	GROUND FLOOR	---	6.25	6.25	4.69M
TOTAL AREA in Sq.m			2,489.65	6.25	2,495.90	

F.S.I : $\frac{2,489.65}{5,018.28} = 0.49$

PARKING	REQUIRED	PROVIDED
LORRY PARKING	04 Nos	04 Nos
CAR PARKING	3 Nos	3 Nos
TWO WHEELER PARKING	34 Nos	36 Nos
CYCLE PARKING	34 Sqm	40 Sqm

TOTAL H.P: 104.50H.P

NO OF WORKERS : 30 No's (28 Male + 02 Female)

COLOUR REFERENCE

	ROAD		PROPOSED BUILDING
	SITE BOUNDARY		PROPOSED MACHINERY

M/S.MECHO LIGHT COMPONENTS (PVT) LTD.
Managing Director

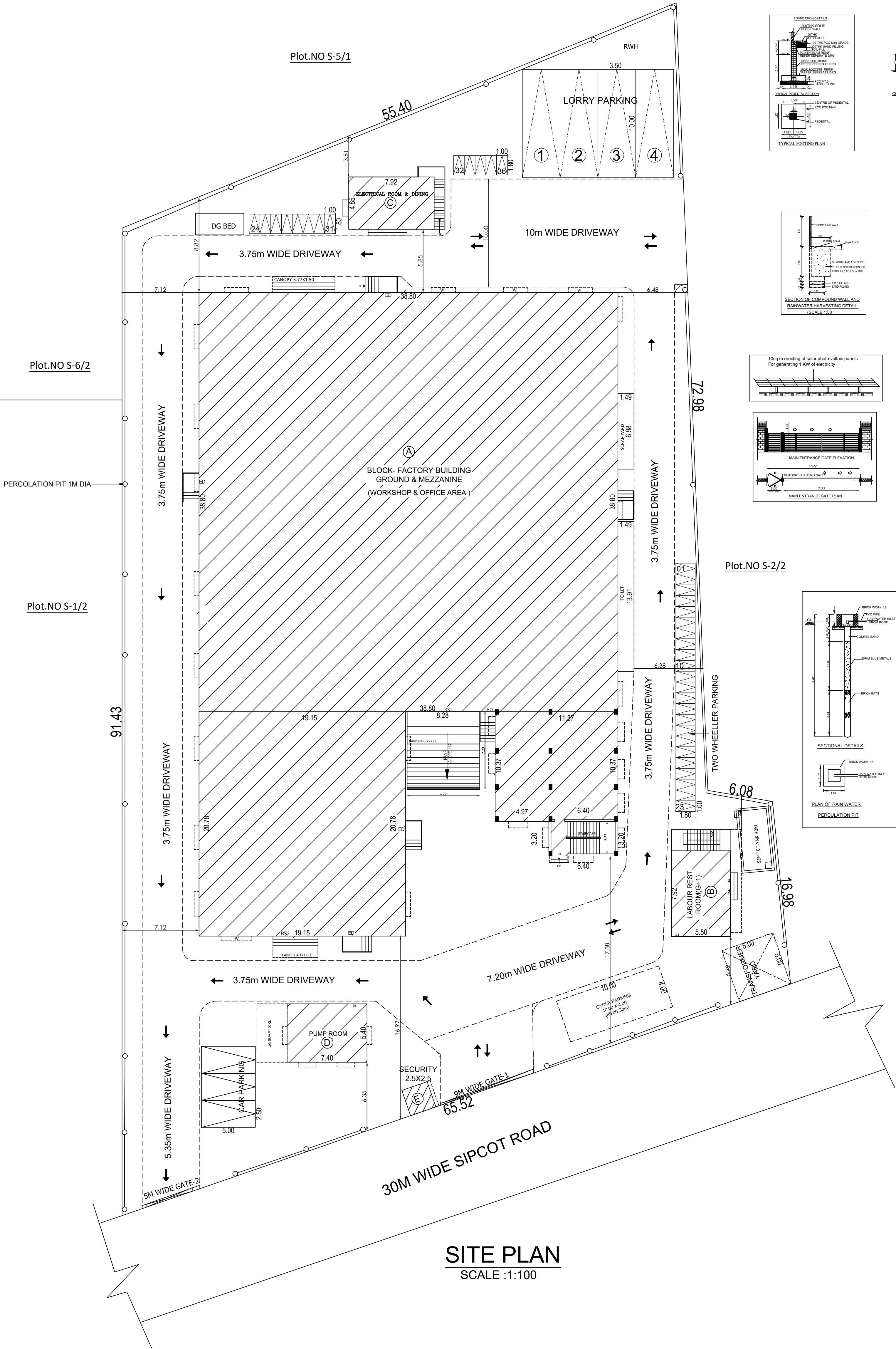
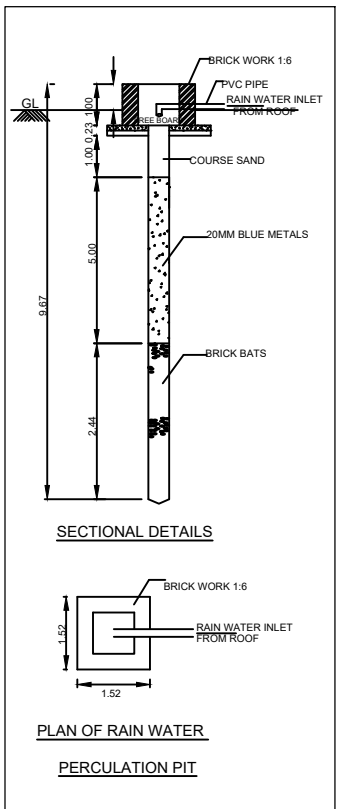
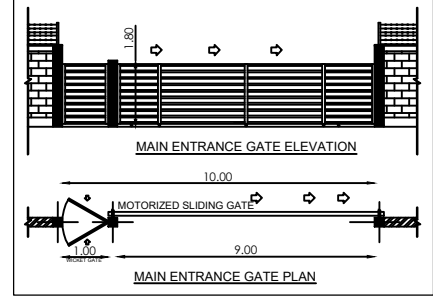
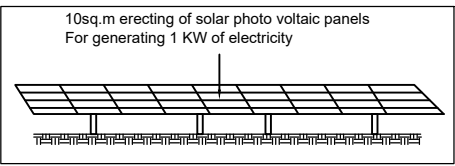
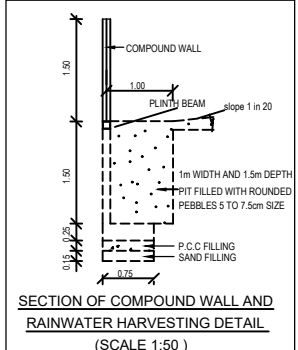
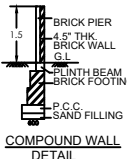
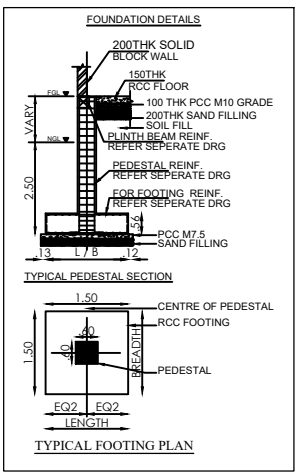
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ARCHITECT

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STRUCTURAL ENGINEER Gr-1



SITE PLAN
SCALE :1:100