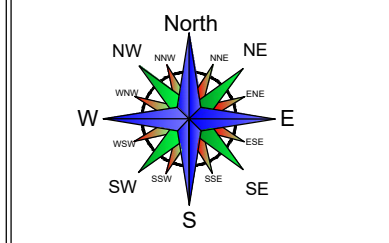


PLAN SHOWING THE PROPOSED INDUSTRIAL BUILDING CONSTRUCTION OF MANUFACTURING UNIT

M/S.SAMRAJ ENGINEERING CONTROLS PRIVATE LIMITED PLOT NO: S -20, SIPCOT'S AEROSPACE PARK AT VALLAM VADAKAL, IN S.No: 232(Pt), 245(Pt), 246(Pt), 247(Pt) VALLAM-A' (KARANAI PATTU) VILLAGE, SRIPERUMBUDUR TALUK, KANCHEEPURAM DISTRICT.

TITLE:

FACTORY BUILDING GROUND FLOOR PLAN, SECTION ON AA



SIPCOT PLOT APPROVAL NO:
UD.60/15,2011,புது இ (கா.இ.பி) எண்.82/2021

"TNPCB - GREEN CATEGORY, VIDE CONSENT NUMBER 2201248794561 - LIGHT ENGINEERING & FABRICATION UNITS WITH PAINTING"

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

JOINERY DETAILS

TYPES	DESCRIPTION	SIZE
MD	MAIN DOOR	1.80 X 3.00
DD	DOUBLE DOOR	1.80 X 2.13
ED	EXIST DOOR	1.00 X 2.13
D1	DOOR	0.91 X 2.13
D2	DOOR	0.76 X 2.13
W	WINDOW	2.10 X 1.35
V	VENTILATOR	0.60 X 0.75

LIST OF PROPOSED MACHINERY DETAILS

S.No	NAME OF MACHINERY	TOTAL H.P
1	AMADA 3 KW FIBRE LASER	20.10
2	AMADA 2 KW FIBRE LASER	33.50
3	AMADA 9 KW FIBRE LASER	40.20
4	LVD CNC BEDING (400/40)	44.20
5	AMADA CNC BENDING HM2204	26.80
6	AMADA BENDING RG - 80	05.35
7	MURATEC BENDING	16.05
8	TRUMPF TRUBEND 3170	26.80
9	AMADA HDS 1303	16.05
10	AMADA CNC BENDING HG1303	20.10
11	ATLAS COPCO COMPRESSOR	40.20
12	ATLAS COPCO COMPRESSOR	40.20
13	KAESER AIR COMPRESSOR	20.10
14	EOT CRANE S.G 5 TON CAP.	07.50
15	EOT CRANE S.G 3 TON CAP.	05.00
TOTAL H.P		362.15

COLOUR REFERENCE

- PROPOSED BUILDING
- PROPOSED MACHINERY

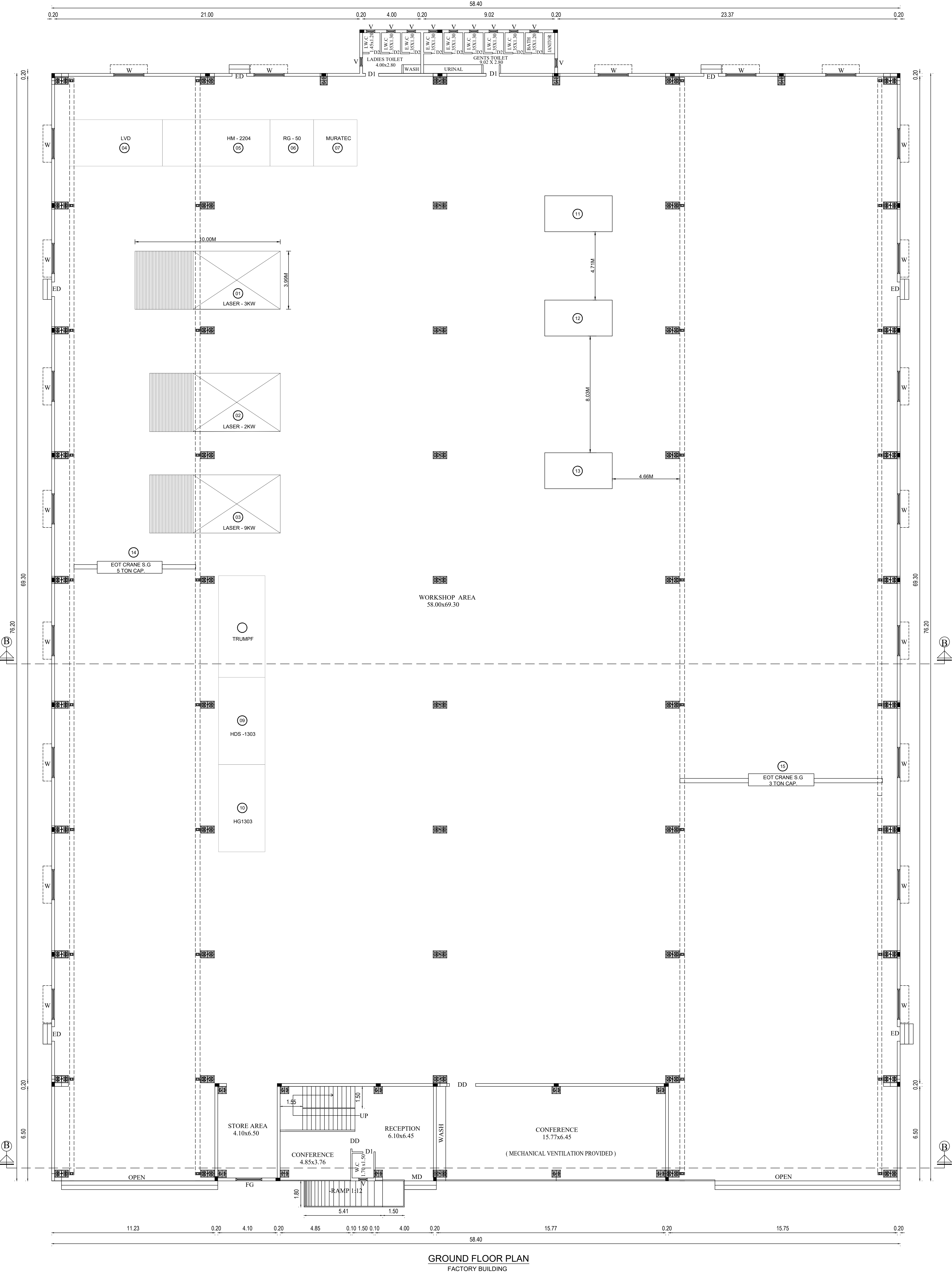
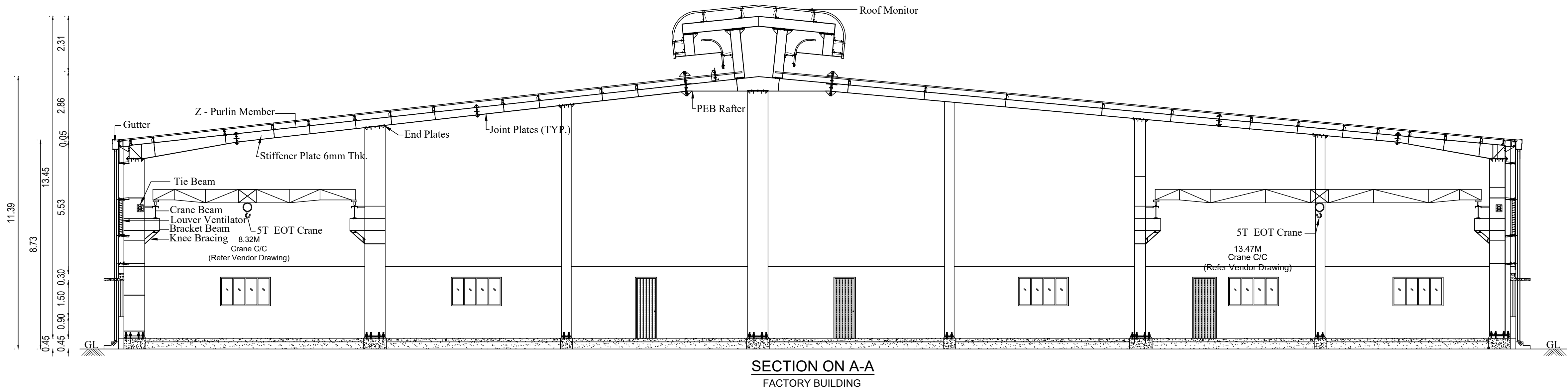
OWNER / OCCUPIER

S. NAVEEN RAJ, ME.
STRUCTURAL ENGINEER GRADE - I
TVA/R/RSB/C&E/11/2022 / 09/138
6A, Gangadharwarar Kail Street,
Mylavaram, Thiruvallur - 602 002.

STRUCTURAL ENGINEER Gr-1

K. RAJENDRAN, PD, Arch. I.D
REGISTERED ARCHITECT
CA. 52 /15505
TVA/R/RSB/C&E/11/2022 / 09 / 007
6A, Gangadharwarar Kail Street,
Chidambaram, Tirunelveli
Thiruvallur - 602 002.

ARCHITECT



TITLE:

*TNPCB - GREEN CATEGORY, VIDE CONSENT NUMBER 2201248794561
- LIGHT ENGINEERING & FABRICATION UNITS WITH PAINTING"

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

JOINERY DETAILS

TYPES	DESCRIPTION	SIZE
MD	MAIN DOOR	1.80 X 3.00
DD	DOUBLE DOOR	1.80 X 2.13
ED	EXIST DOOR	1.00 X 2.13
D1	DOOR	0.91 X 2.13
D2	DOOR	0.76 X 2.13
W	WINDOW	2.10 X 1.35
V	VENTILATOR	0.60 X 0.75

COLOUR REFERENCE

- ☐ PROPOSED BUILDING
- ☐ PROPOSED MACHINERY

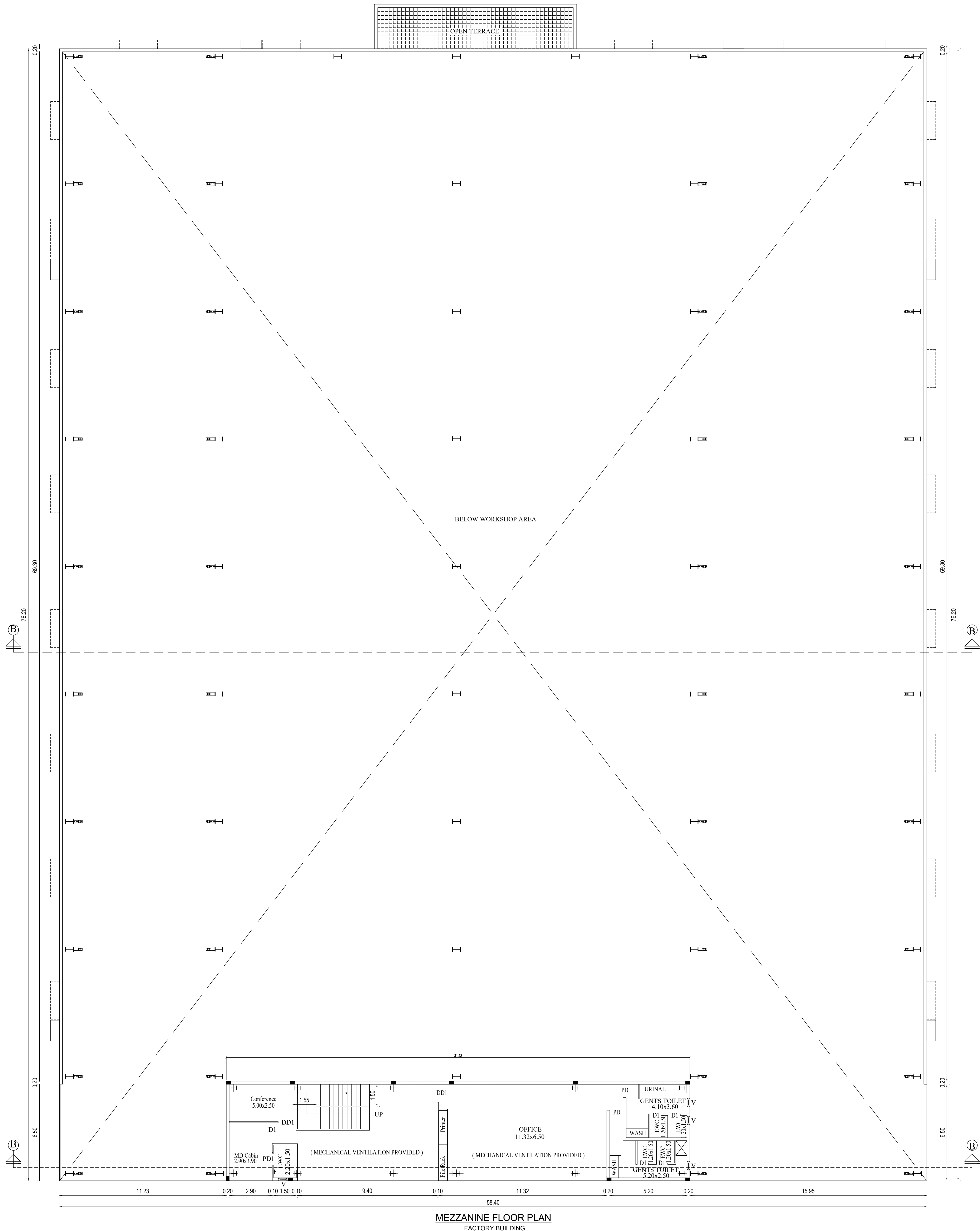
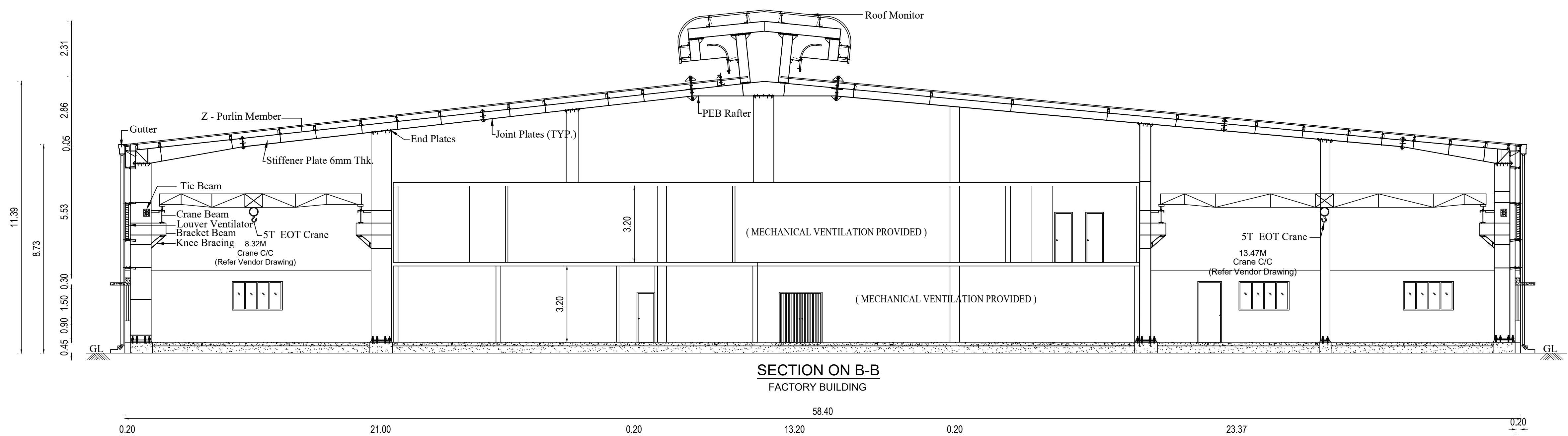
OWNER / OCCUPIER

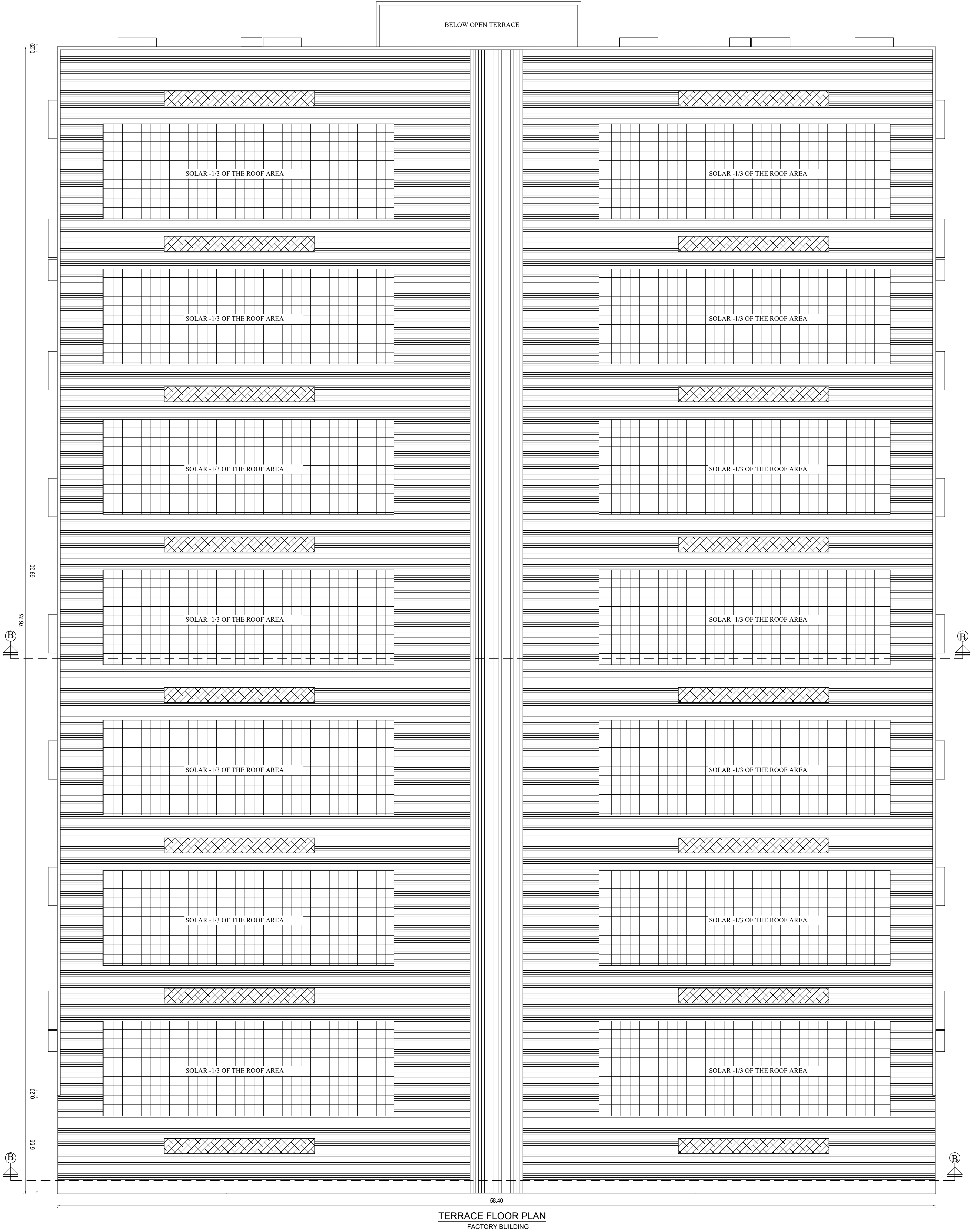
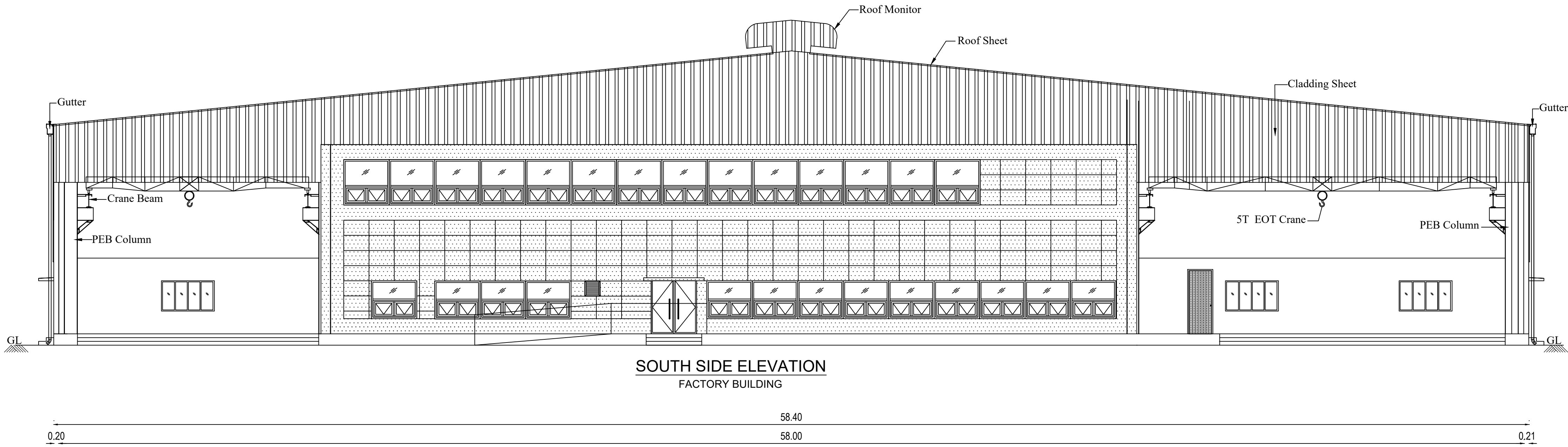
S. NAVEEN RAJ, ME.,
STRUCTURAL ENGINEER GRADE -
TVLR / RSE / GR-I / 2022 / 09 / 011
8A, Gangadeeswarar Koil Street,
Manavalanagar, Thiruvallur - 602 002

STRUCTURAL ENGINEER Gr-1

Deephim
K. RAJENDRAN, PD.Arch,I.D
REGISTERED ARCHITECT
CA. 92/15005
TVLR/RA/G-1/2019/09/007
#8A, Gangadeeswarar Koli Street,
Ondikuppam, Manavalanagar,
Thiruvallur - 602 002.

ARCHITECT



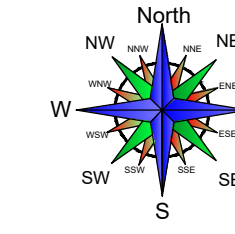


SHEET NO - 03/04

PLAN SHOWING THE PROPOSED INDUSTRIAL BUILDING CONSTRUCTION OF MANUFACTURING UNIT
M/S.SAMRAJ ENGINEERING CONTROLS PRIVATE LIMITED PLOT NO: S -20, SIPCOT'S AEROSPACE PARK AT VALLAM VADAKAL, IN S.No: 232(Pt), 245(Pt), 246(Pt), 247(Pt) VALLAM-'A' (KARANAI PATTU) VILLAGE: SRIPERUMBUDUR TALUK, KANCHEEPURAM DISTRICT.

TITLE:

BLOCK FACTORY BUILDING ROOF PLAN & SOUTH SIDE ELEVATION



SIPCOT PLOT APPROVAL NO:
ID.வந.ண.து.இ(கா.பா) எண்.82/2021

"TNPCB - GREEN CATEGORY, VIDE CONSENT NUMBER 2201248794561 - LIGHT ENGINEERING & FABRICATION UNITS WITH PAINTING"

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

JOINERY DETAILS

TYPES	DESCRIPTION	SIZE
MD	MAIN DOOR	1.80 X 3.00
DD	DOUBLE DOOR	1.80 X 2.13
ED	EXIST DOOR	1.00 X 2.13
D1	DOOR	0.91 X 2.13
D2	DOOR	0.76 X 2.13
W	WINDOW	2.10 X 1.35
V	VENTILATOR	0.60 X 0.75

01.
02.
03.
04.
04.

COLOUR REFERENCE

- ☐ PROPOSED BUILDING
☐ PROPOSED MACHINERY

OWNER / OCCUPIER

S. NAVEEN RAJ, M.E.,
STRUCTURAL ENGINEER GRADE - I
T.Y.L.R / R.S.E / GR-1 / 2002 / 09 / 011
5A, Gangadharanagar Kall Street,
Manavalanagar, Thiruvallur - 602 002.

STRUCTURAL ENGINEER Gr-1

K. RAJENDRAN, M.Arch, I.D.
REGISTERED ARCHITECT
CA. 02 / 150105
T.Y.L.R / R.A / GR-1 / 2019 / 09 / 007
5A, Gangadharanagar Kall Street,
Chidambaram, Thiruvallur - 602 002.

ARCHITECT

"TNPCCB - GREEN CATEGORY, VIDE CONSENT NUMBER 2201248794561 - LIGHT ENGINEERING & FABRICATION UNITS WITH PAINTING"

SCALE: SITE PLAN- 1:200, FLOOR PLAN 1: 10

AREA STATEMENT (Sq.m)

TOTAL PLOT AREA : 1.82 Acre (7365.27Sq.m)
[PATTALAND IN SURVEY
NO.232(Pt), 245(Pt), 247(Pt)]

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)	4490.81	---	4,700.01	8.73 M
		MEZZANINE FLOOR (INDUSTRIAL OFFICE)	209.20	---		
B	PANEL ROOM	GROUND FLOOR	42.30	---	42.30	7.50M
C	PUMP ROOM	GROUND FLOOR	9.00	---	9.00	4.71M
D	SECURITY	GROUND FLOOR	---	6.25	6.25	4.65M
TOTAL AREA in Sq.m			4,751.31	6.25	4,757.56	

$$\text{F.S.I} : \frac{4,751.31}{7365.27} = 0.6451$$

PARKING	REQUIRED	PROVIDED
LORRY PARKING	09 Nos	09 Nos
CAR PARKING	3 Nos	3 Nos
TWO WHEELER PARKING	90 Nos	92 Nos
CYCLE PARKING	90 Nos	92 Nos

COLOUR REFERENCE

	ROAD		PROPOSED BUILDING
	SITE BOUNDARY		PROPOSED MACHINERY

LIST OF PROPOSED MACHINERY DETAILS

S.No	NAME OF MACHINERY	TOTAL H.P
1	JOCKEY PUMP	15.00
2	MAIN PUMP	30.00
3	DIESEL PUMP 30 KVA (STAND BY)	
TOTAL H.P		45.00

MACHINERY ABSTRACT

SL.NO	DESCRIPTION	PRO. TOTAL HP
1	SHEET NO - 01 OF 03	362.15
2	SHEET NO - 02 OF 03	-NIL-
3	SHEET NO - 03 OF 03	-NIL-
4	SHEET NO - 04 OF 04	45.00
	TOTAL	407.15

TOTAL H.P: 407.15 H.F

NO OF WORKERS : 20 Nos (16M + 4F)

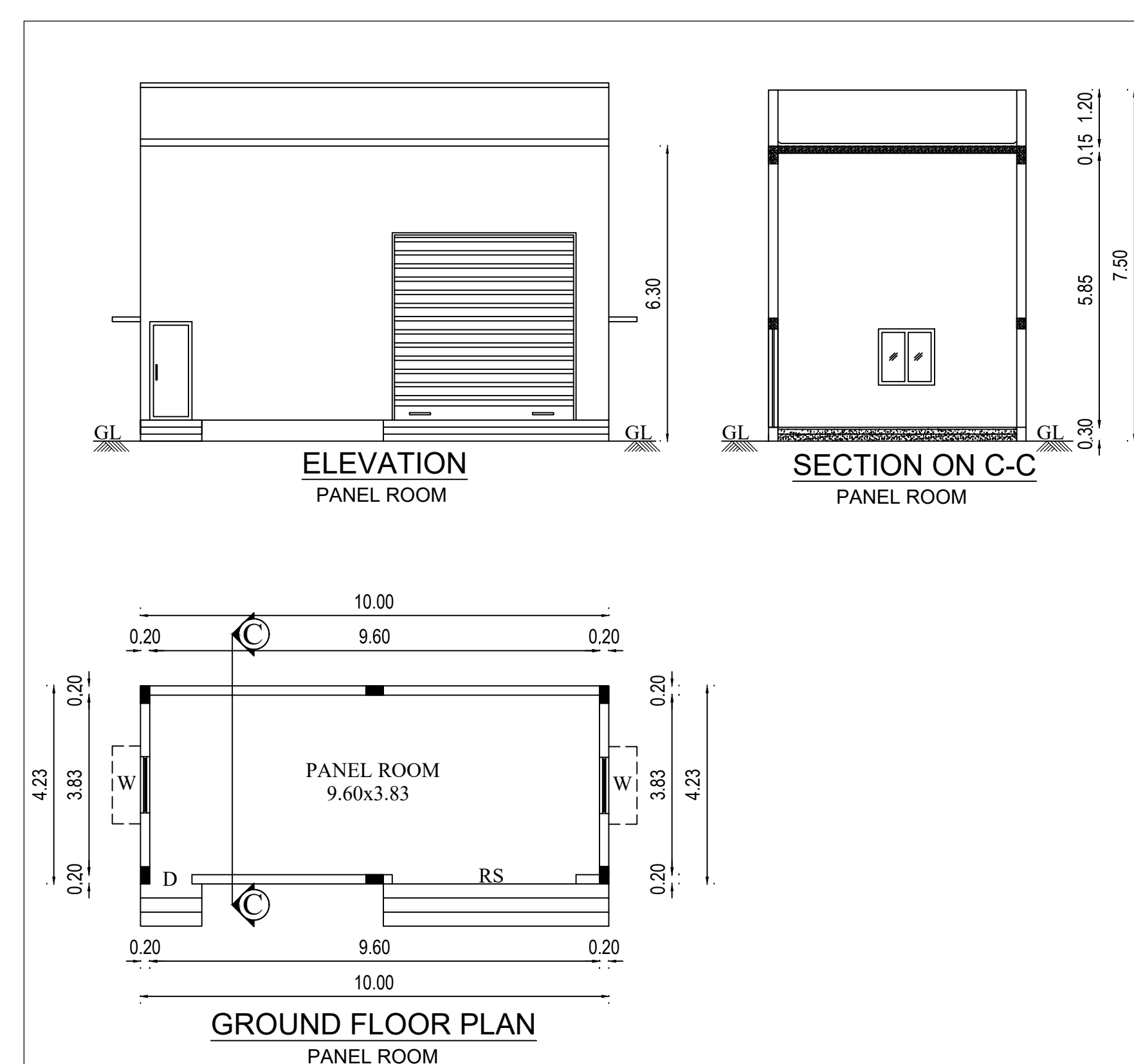
OWNER / OCCUPIER

ARCHITECT

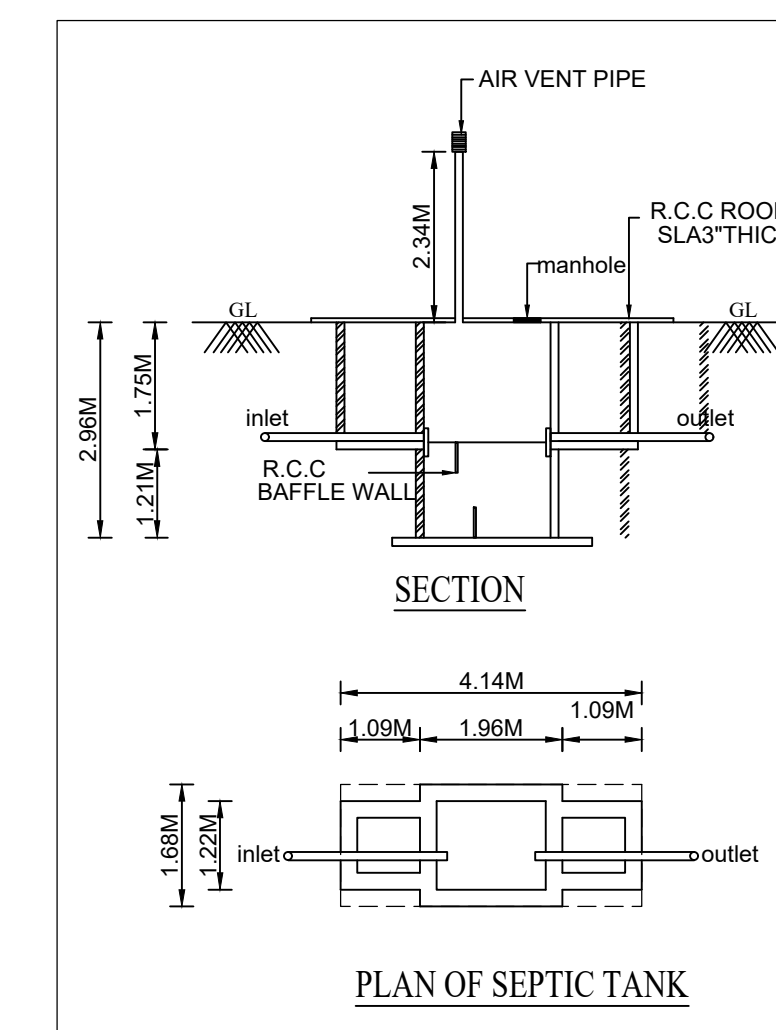
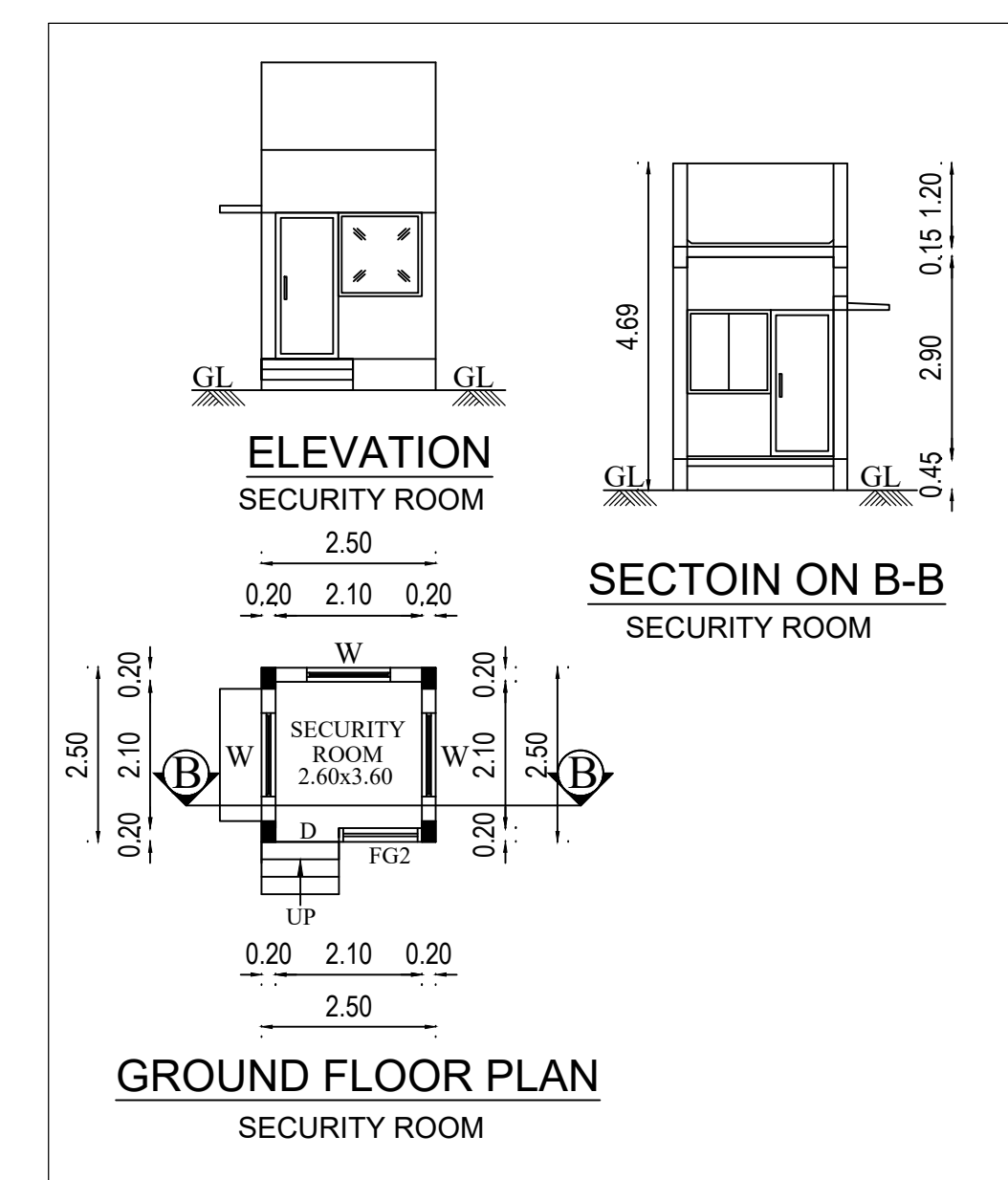
STRUCTURAL ENGINEER Gr-1



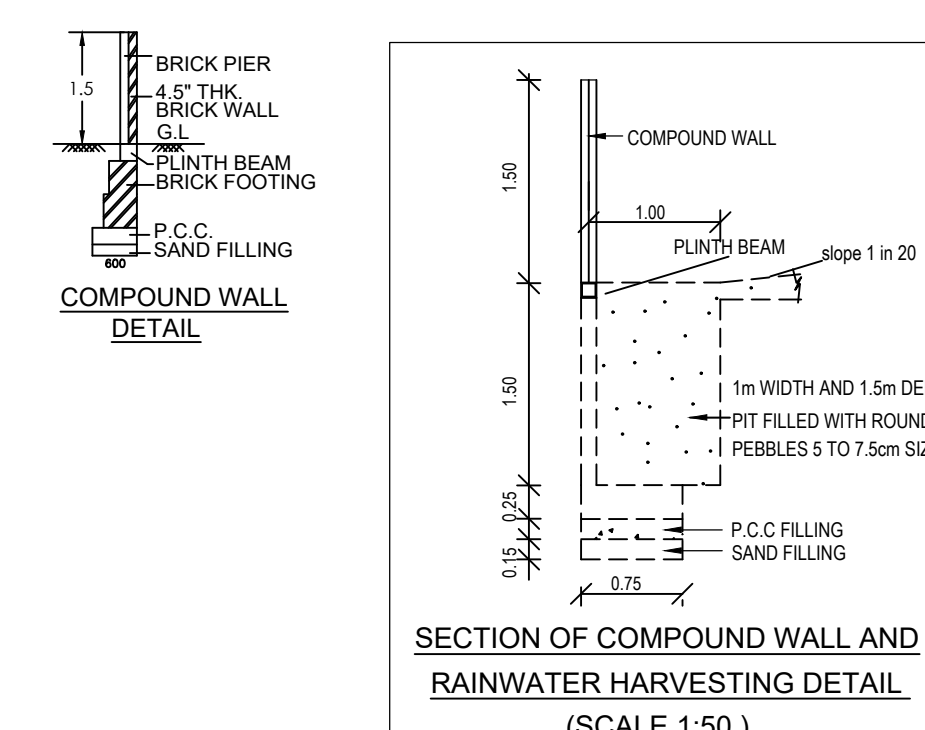
SITE PLAN
SCALE 1:200



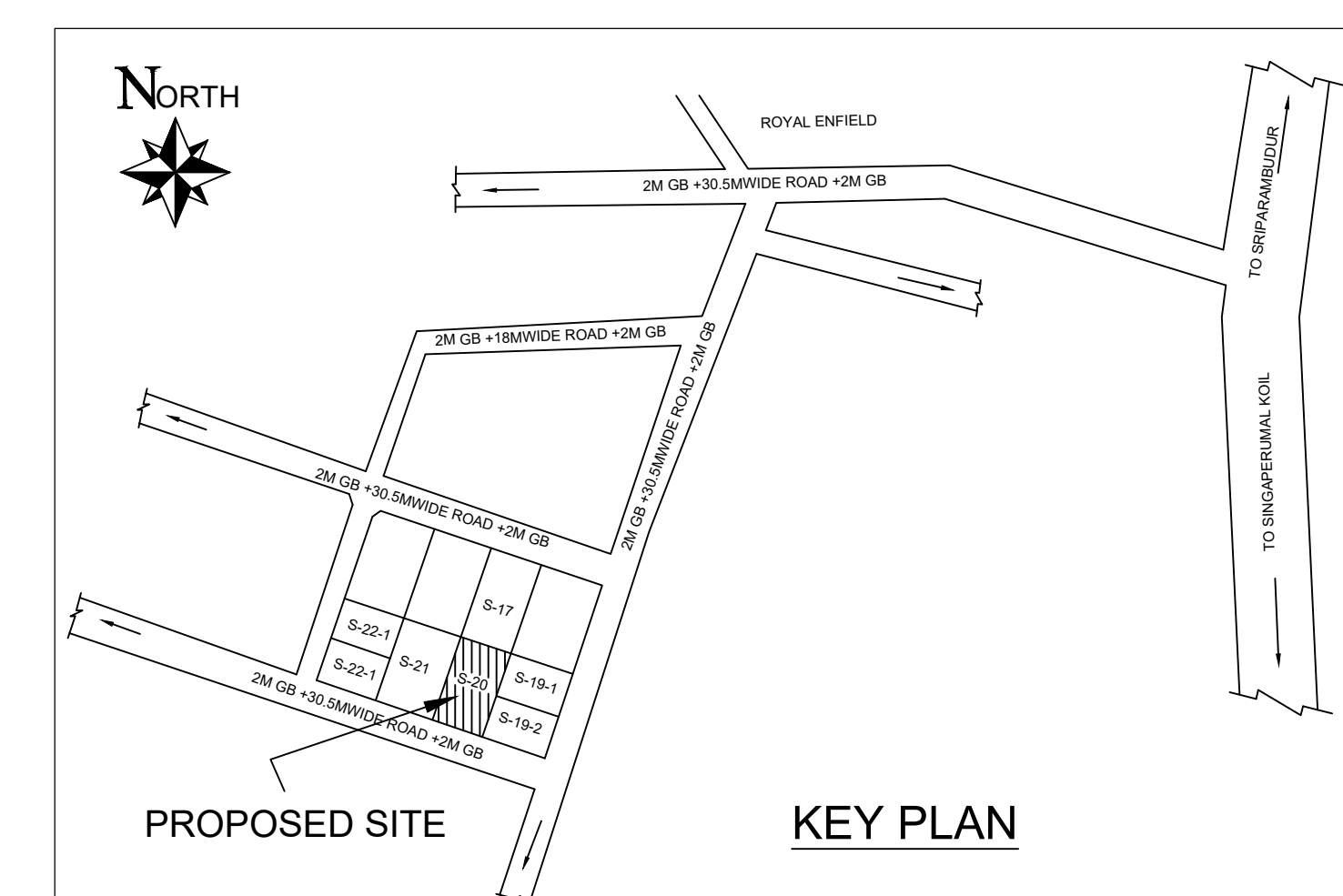
GROUND FLOOR PLAN
PANEL ROOM

PLAN OF SEPTIC TANK

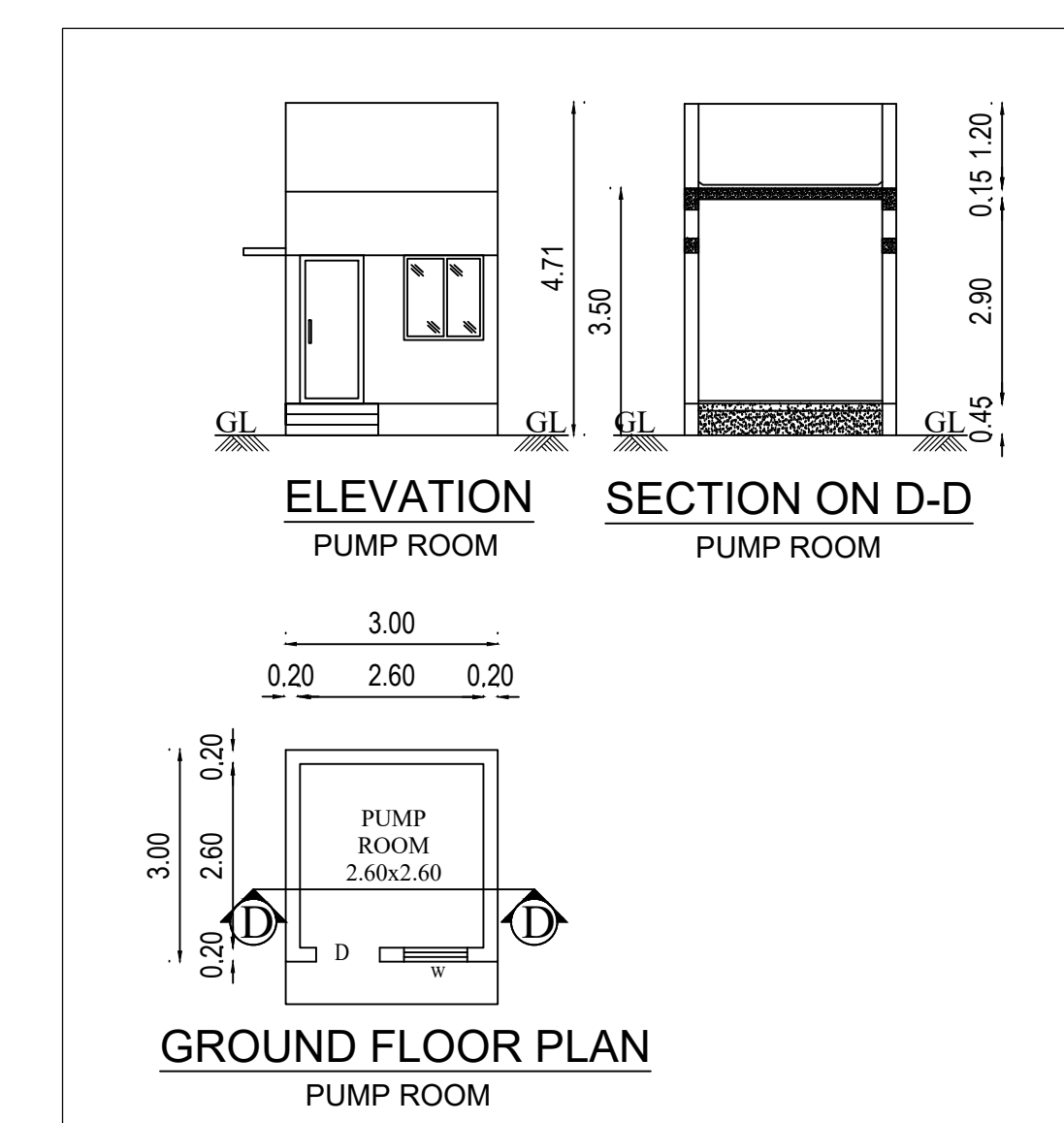
GROUND FLOOR PLAN
SECURITY ROOM



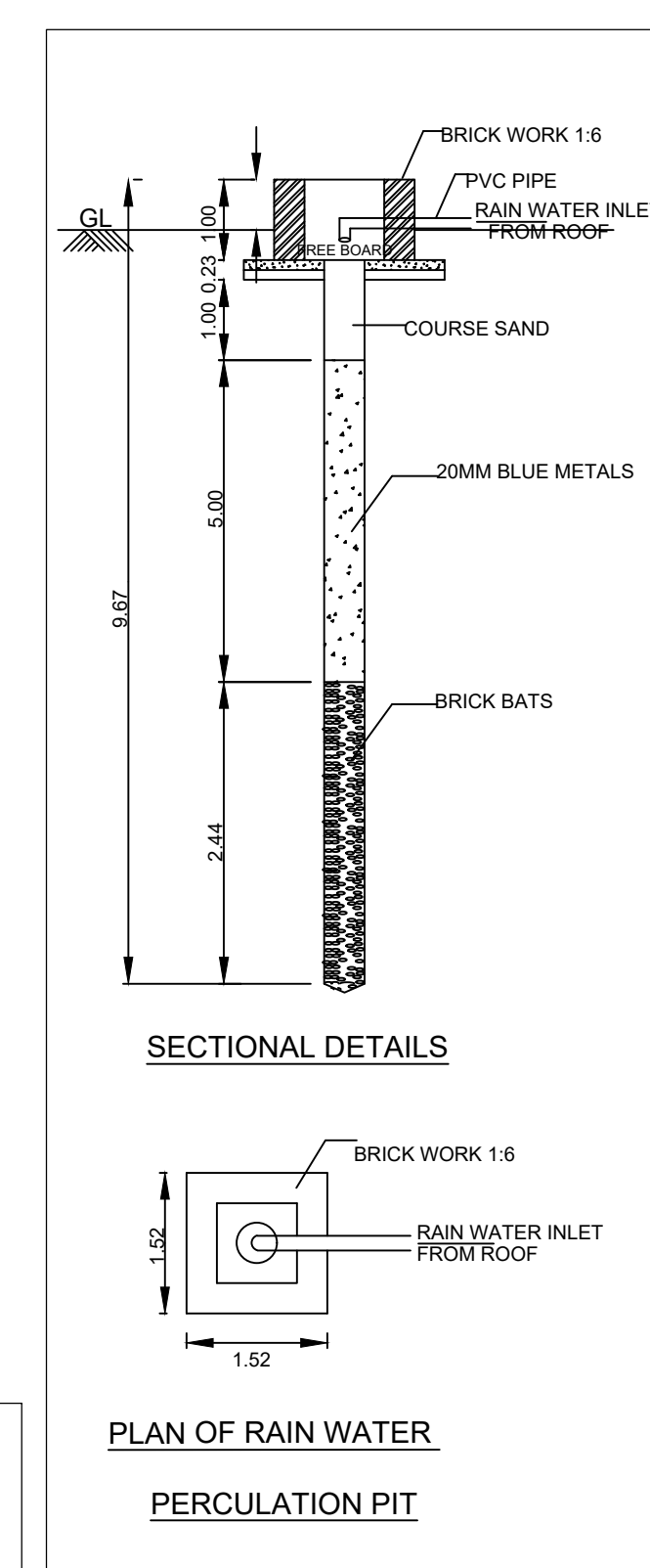
SECTION OF COMPOUND WALL AND
RAINWATER HARVESTING DETAIL
(SCALE 1:50)



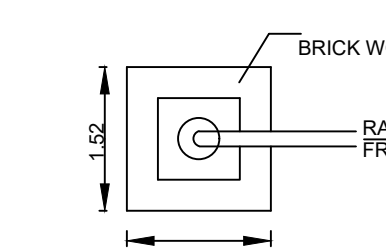
KEY PLAN



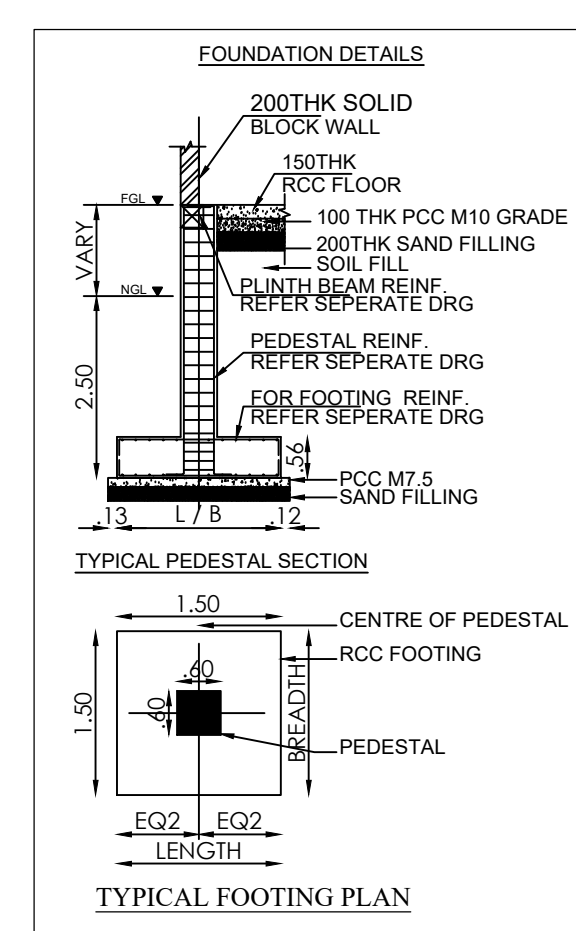
ELEVATION



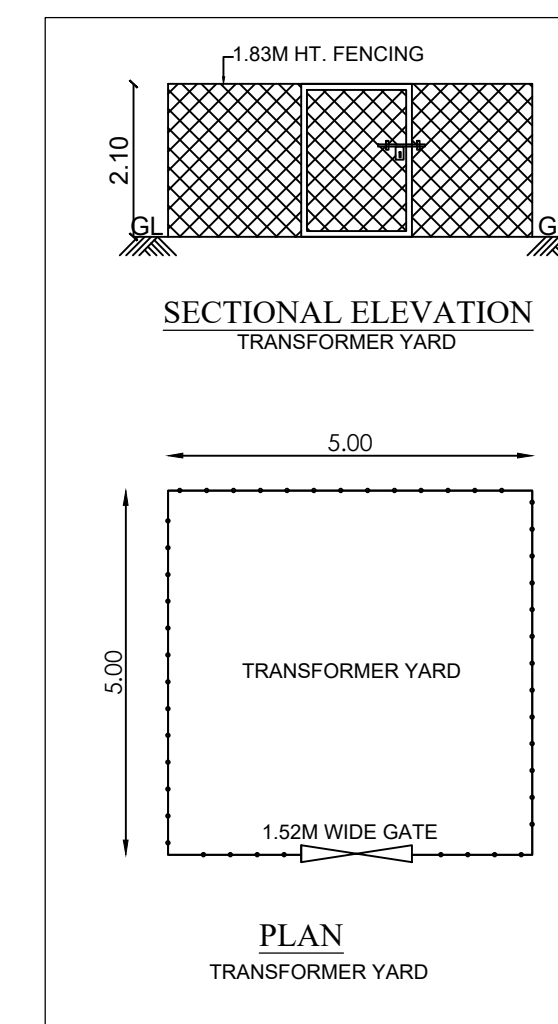
SECTIONAL DETAILS



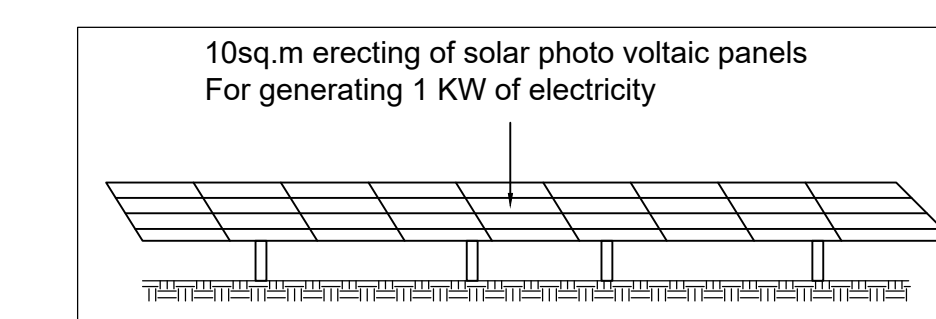
PLAN OF RAIN WATER
PERCUSSION PIT



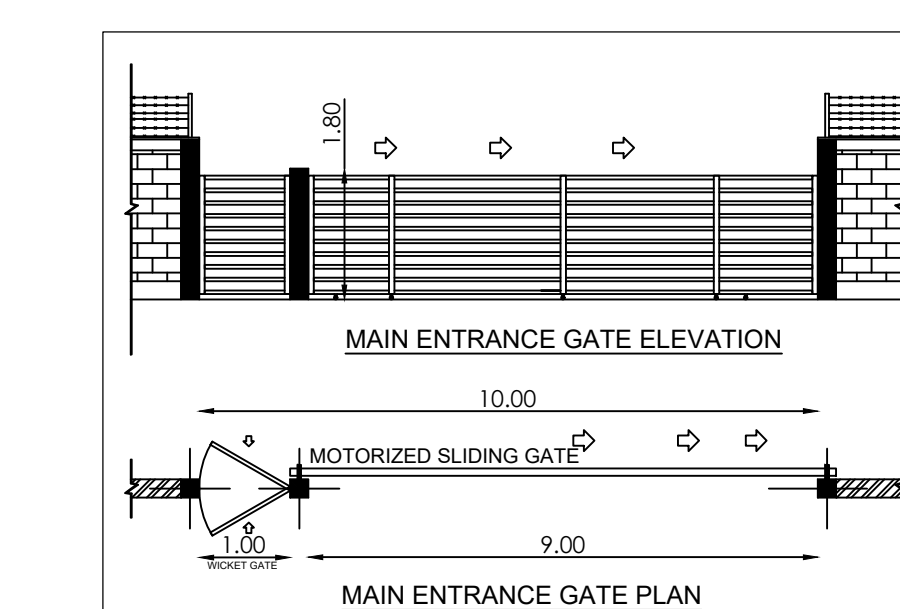
AL PEDESTAL SECTION



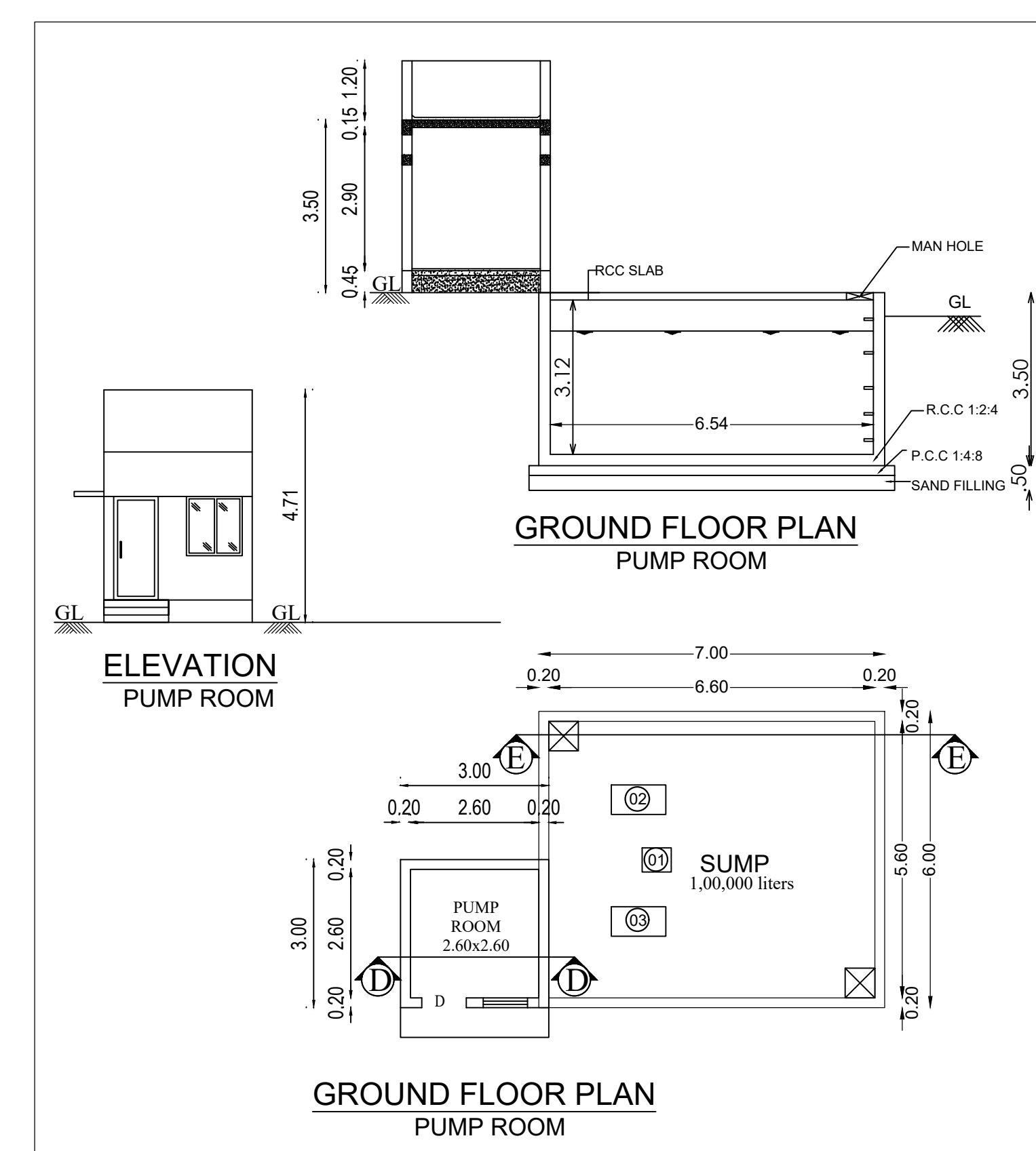
SECTIONAL ELEVATION



10sq.m erecting of solar photo voltaic panels
For generating 1 KW of electricity



MAIN ENTRANCE GATE ELEVATION



GROUND FLOOR PLAN
PUMP ROOM