

PLAN SHOWING THE PROPOSED CONSTRUCTION OF THE M/s VGM ENGINEERING, INDUSTRIAL BUILDING SURVEY NOS.284/8A, 284/8B,249/1, 249/2, 249/3, KOTTAMEDU VILLAGE,THIRUPORUR TALUK, CHENGALPATTU DISTRICT

JOINERY DETAILS

TYPES	DESCRIPTION	SIZE
RS	ROLLING SHUTTER	2.40 x 4.50
RS1	ROLLING SHUTTER	4.00 x 4.50
D	DOOR	1.00 X 2.10
D1	DOOR-1	0.91 X 2.10
D2	DOOR-2	0.76 X 2.10
W	WINDOW	2.40 X 1.50
FG1	FIXED GLAZING	4.55 X 3.00
V	VENTILATOR	0.60 X 1.20

COLOUR REFERENCE

BOUNDARY
ROAD
PROPOSED



For VGM ENGINEERING
M. Shanthi
Proprietor
M. Mahesh Raj

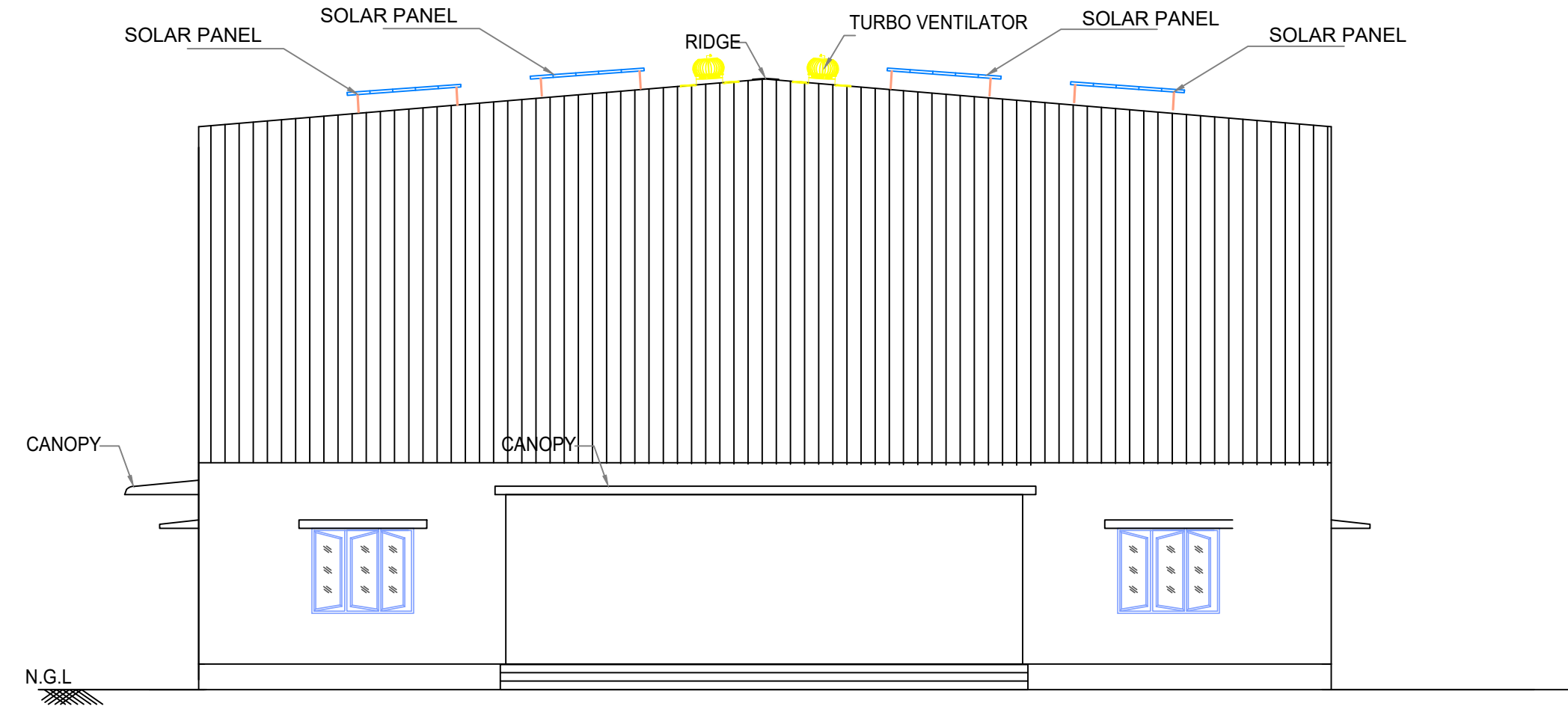
OWNER / OCCUPIER

D. Shanmugasundaram
D. SHANMUGASUNDARAM
R.E (CIVIL), M.TECH (STRUCT.), MIE.,
REGISTERED STRUCTURAL ENGINEER, GR-1,
C.O.R.G.N./E/Gr-1/2019/10/045, Dt: 17-10-19
Jeevi Towers, Block - C210, 1st Street,
Navanetham Nagar Extension, Sembakham,
Chennai - 600 073. Mob. No. 9791056521
e-mail : dss4219@gmail.com

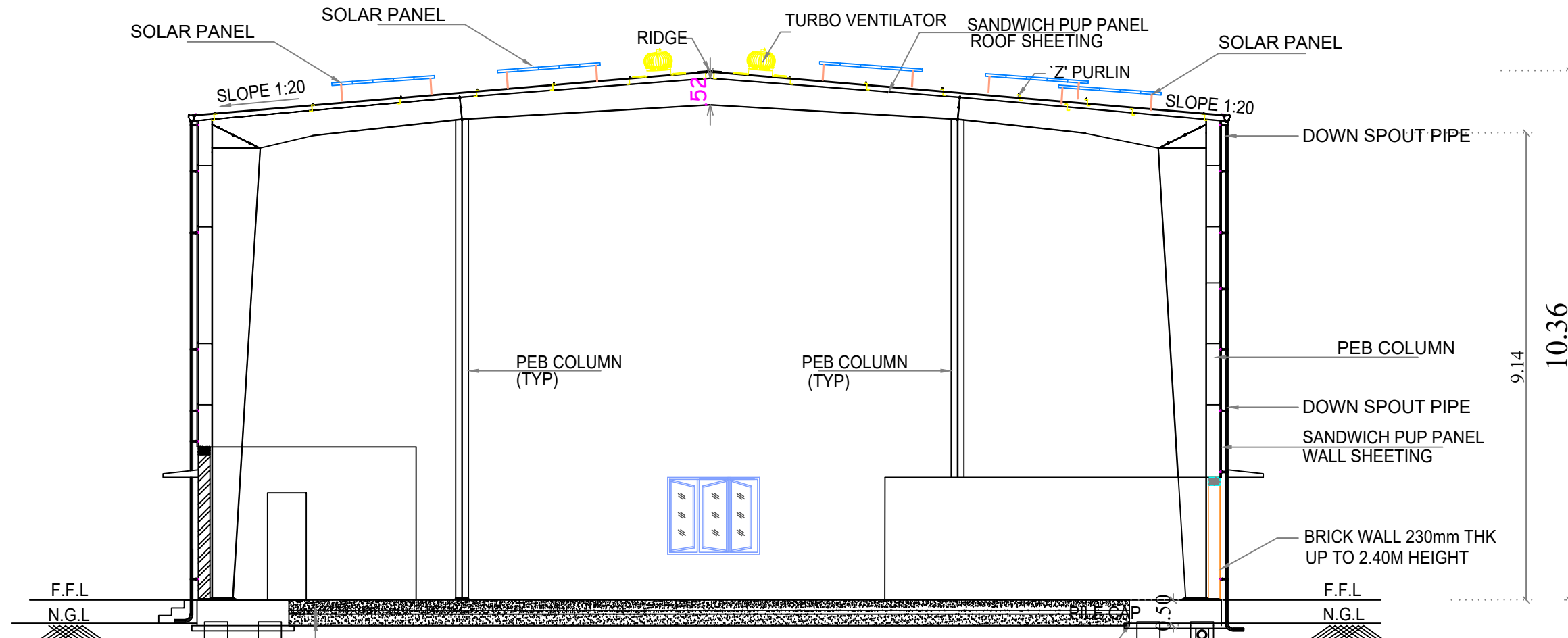
STRUCTURAL ENGINEER (GRADE - I)

R. Sathish Kumar
R.SATHISHKUMAR, B.Tech.(Civil), M.Ced.,
Licensed Surveyor & Registered Engineer Grade-I (RE)
Reg.No.CGLDIST/BE/Gr-I/2021/07/004
No.2, Kasthuri Nagar, Aruhapalkum Post,
Madhavantham Taluk, Chengalpattu Dist - 603 301
Cell : 9444 91 2210 e-mail : sathishkumar.nec@yahoo.com

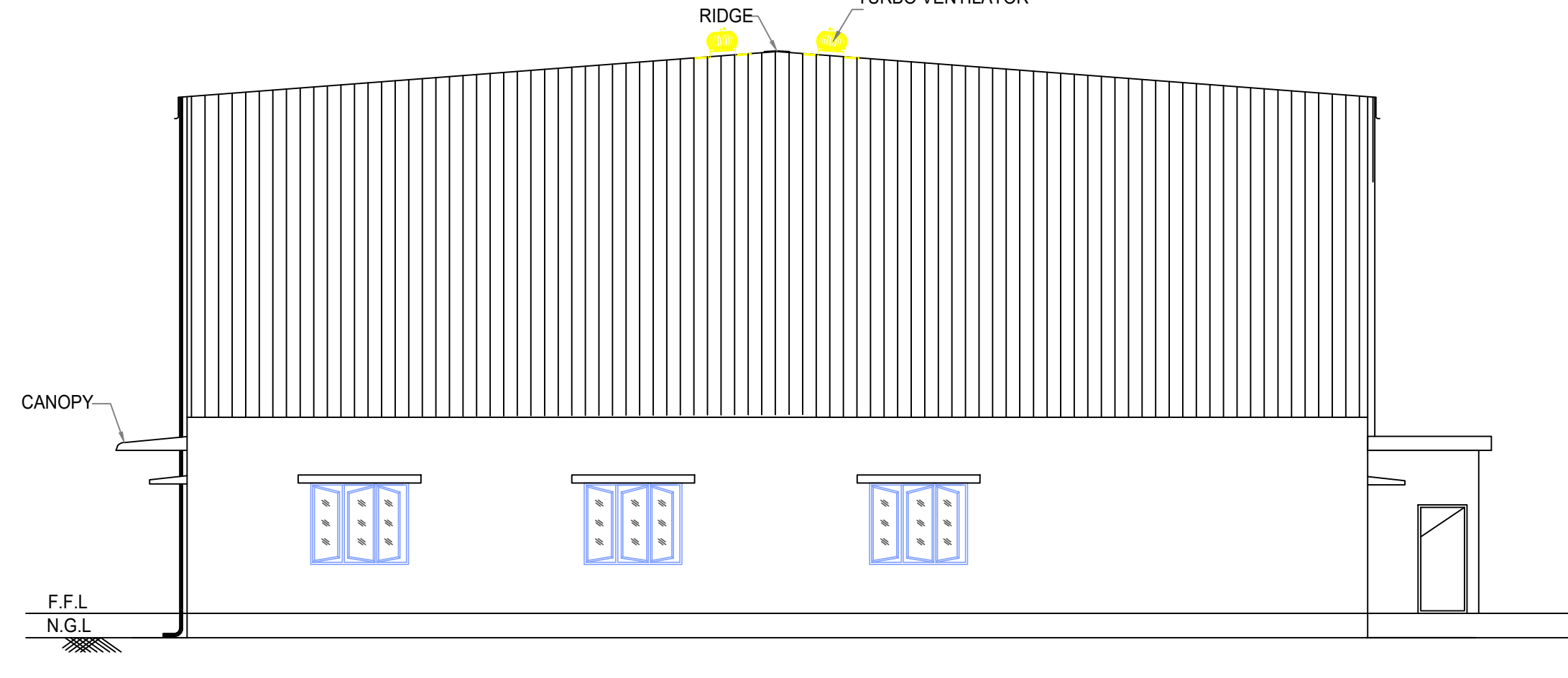
ARCHITECT / REGISTERED ENGINEER



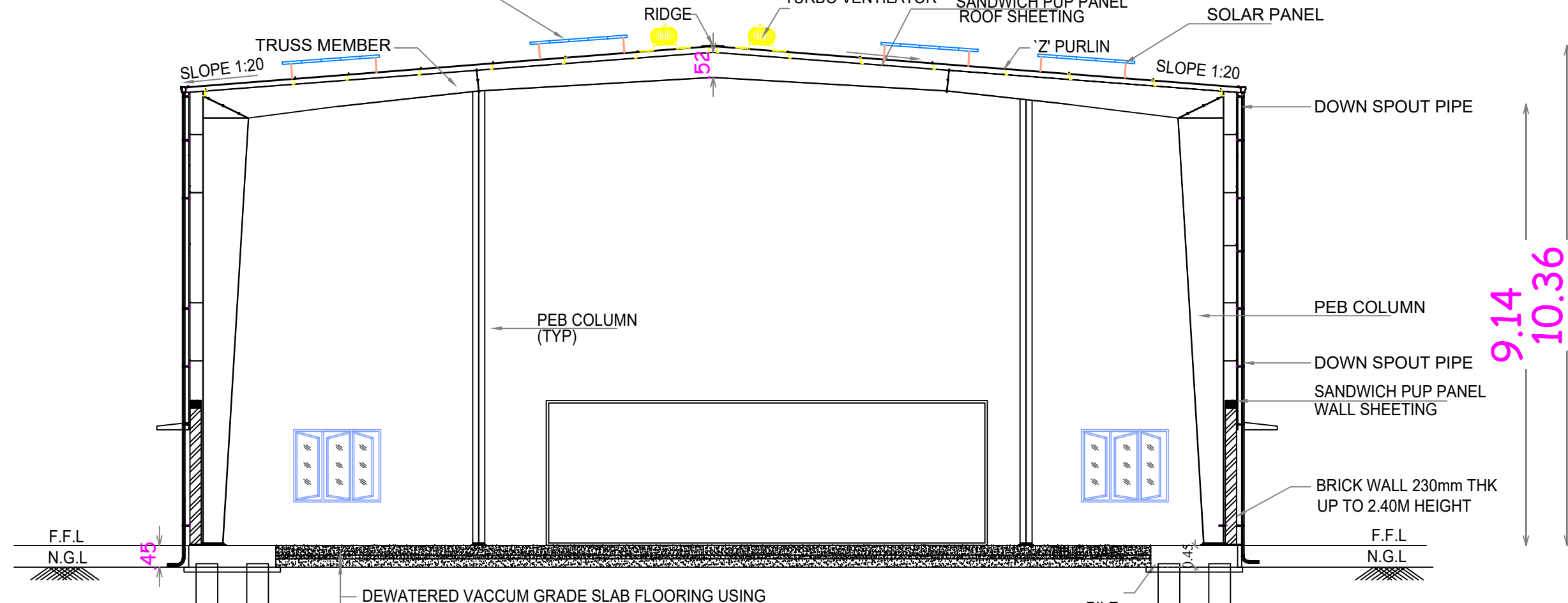
NORTH SIDE ELEVATION
PROPOSED PRODUCTION AREA (BLOCK-I)



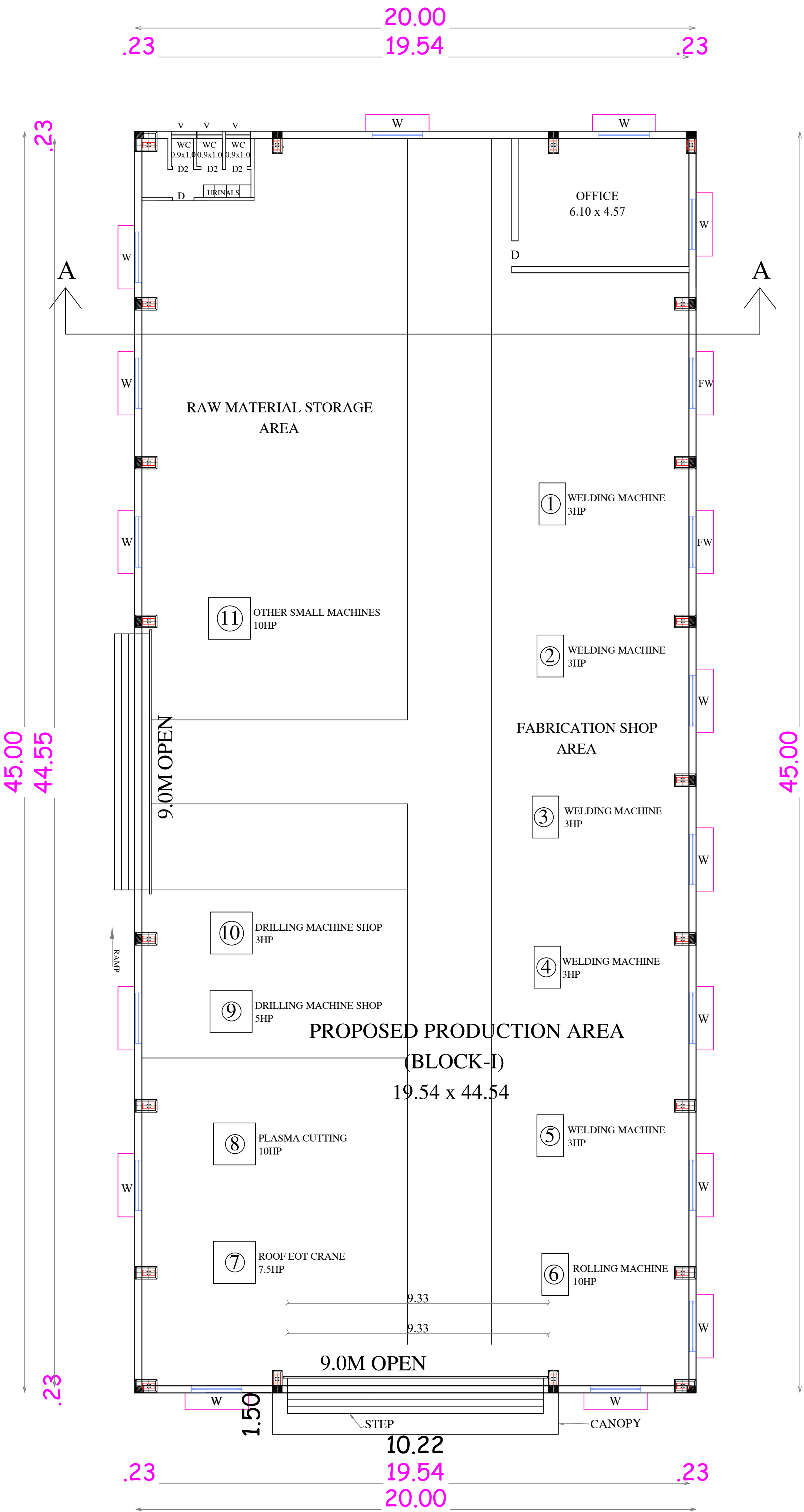
SECTION ON A-A
PROPOSED PRODUCTION AREA (BLOCK-I)



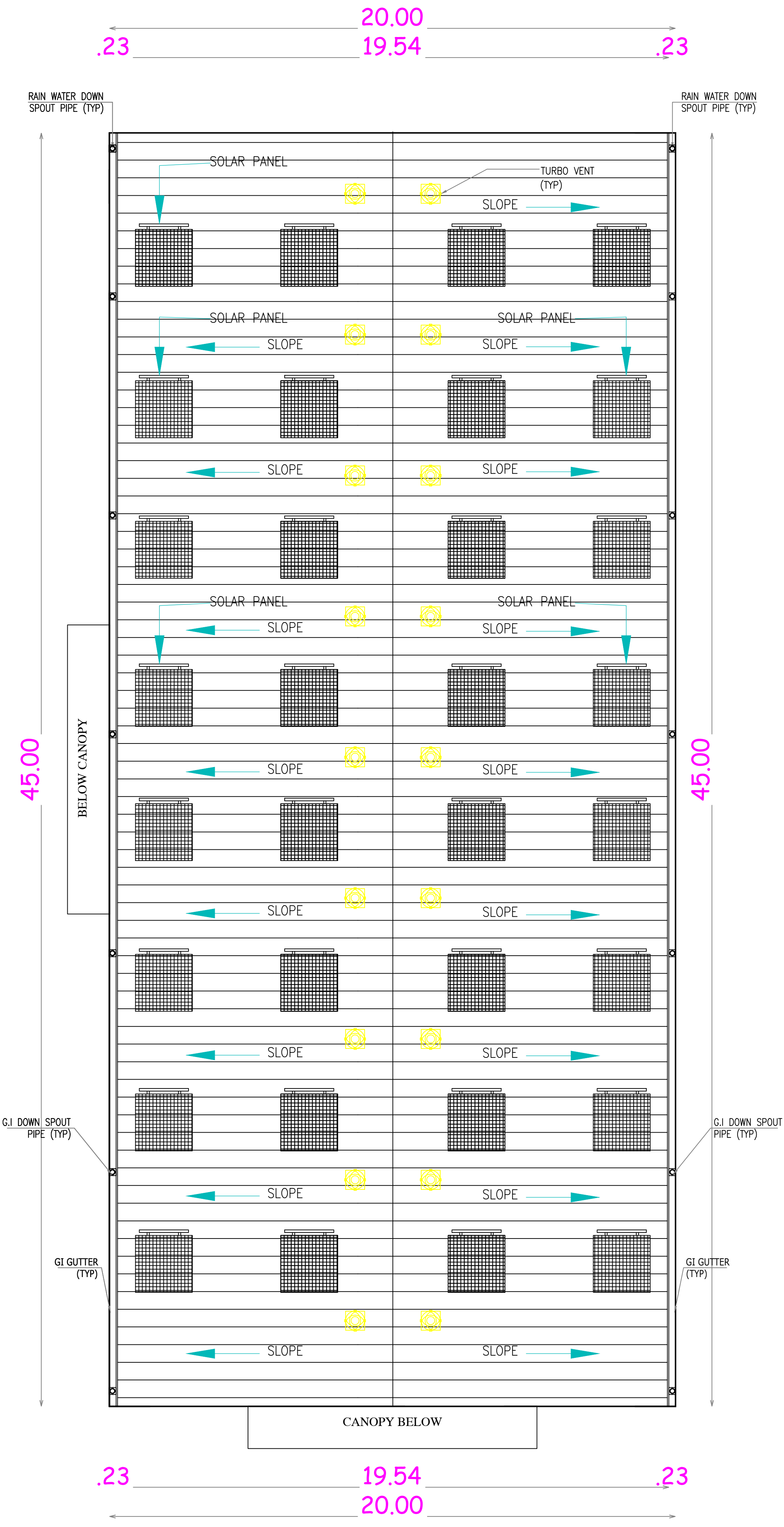
NORTH SIDE ELEVATION
PROPOSED PRODUCTION AREA (BLOCK-II)



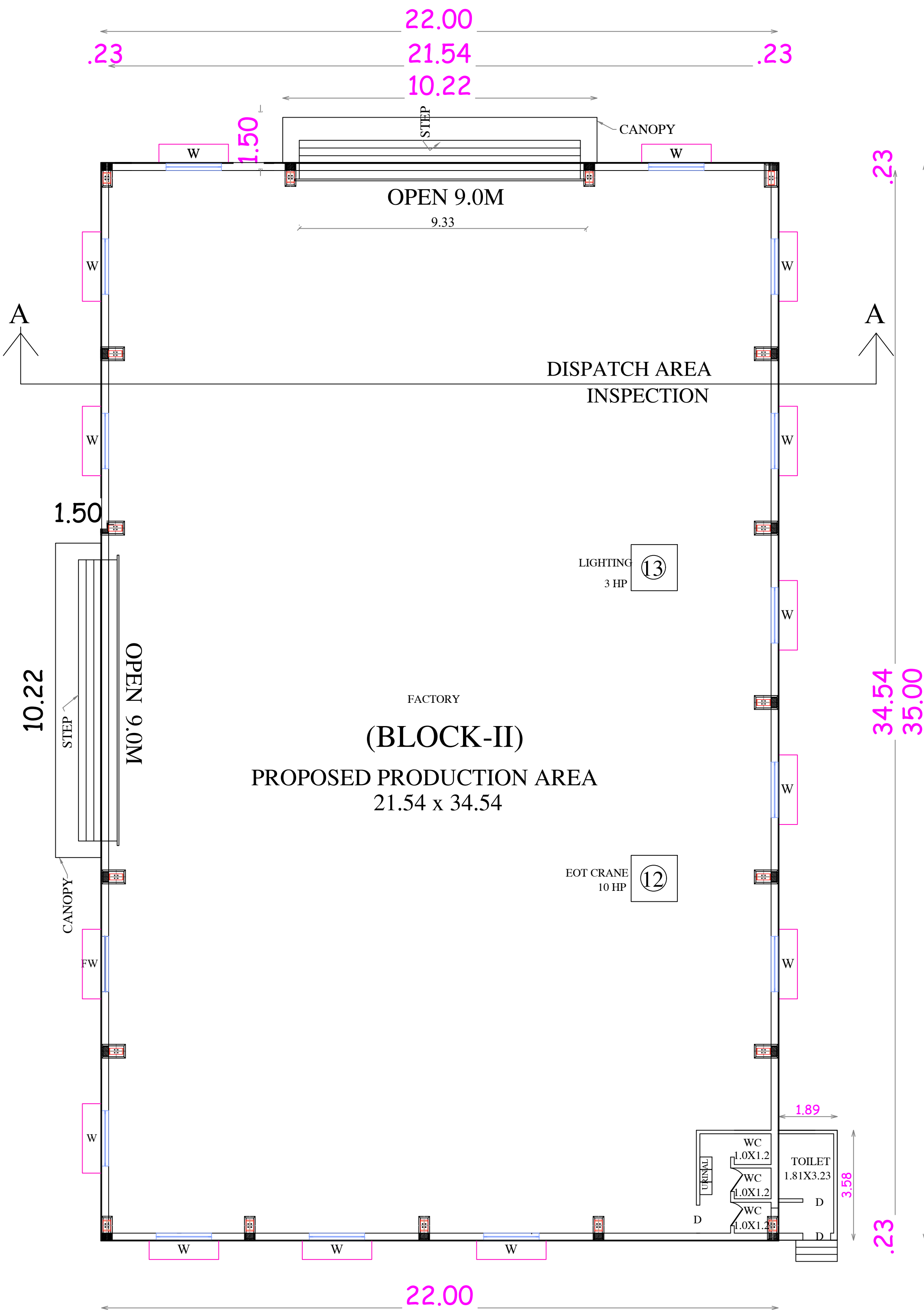
SECTION ON A-A
PROPOSED PRODUCTION AREA (BLOCK-II)



GROUND FLOOR PLAN
PROPOSED PRODUCTION AREA (BLOCK-I)



ROOF PLAN
PROPOSED PRODUCTION AREA (BLOCK-I)



GROUND FLOOR PLAN
PROPOSED PRODUCTION AREA (BLOCK-II)



ROOF PLAN
PROPOSED PRODUCTION AREA (BLOCK-II)

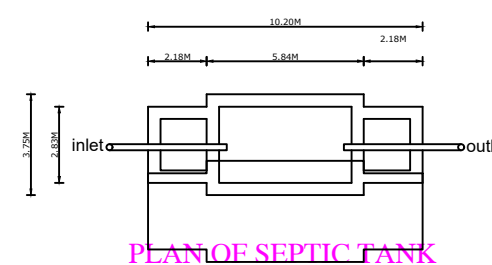
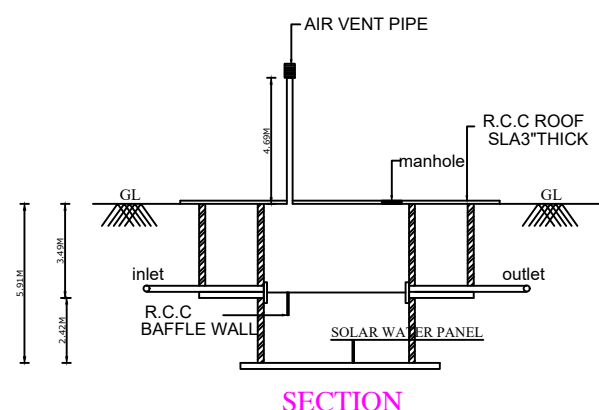
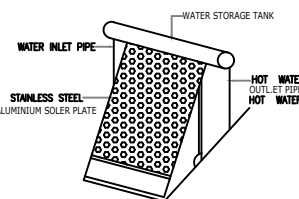
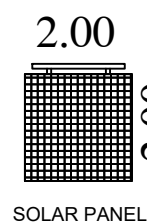
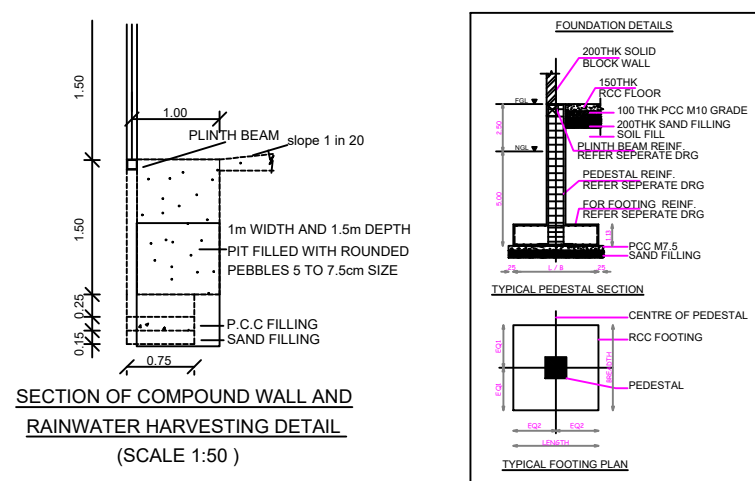
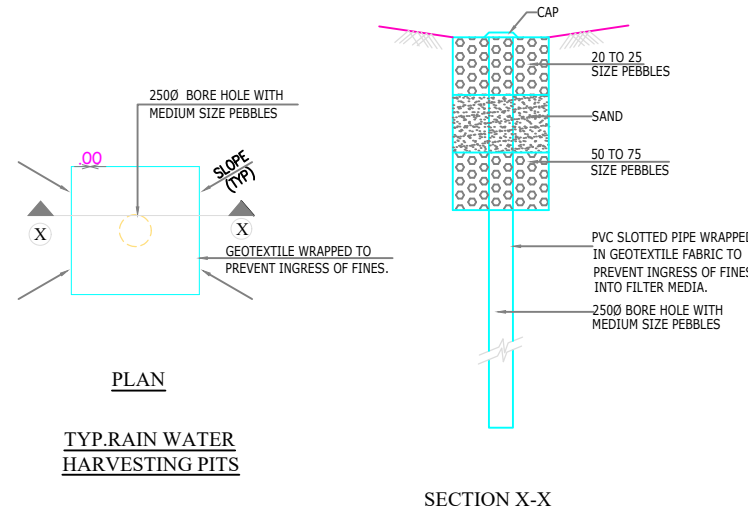
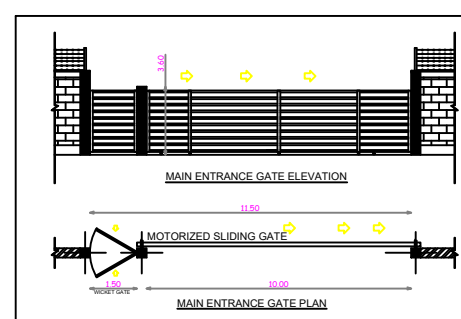
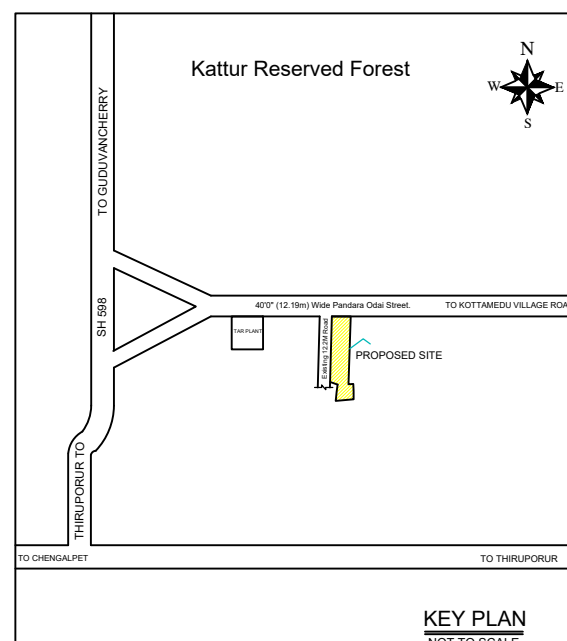
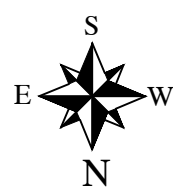
BUILDING TECHNICAL APPROVAL
ROC NO. : SWP/BPA/0007021/2023
SITE BOUNDARY SHOWN AS "A - I"
BUILDING PLANNING PERMISSION
INDUSTRIAL BUILDING NO. :
SWP/DTCP/CHENGALPATTU/T.A.NO. 11/2023



BUILDING TECHNICAL APPROVAL
 ROC NO. : SWP/BPA/0007021/2023
 SITE BOUNDARY SHOWN AS "A - I"
 BUILDING PLANNING PERMISSION
 INDUSTRIAL BUILDING NO. :
 SWP/DTCP/CHENGAL PATTU/TA NO. 11/2023

S.no.284

VACANT



S.NO.	DISCRPTION	TOTAL HP
1.	WELDING MACHINE	3
2.	WELDING MACHINE	3
3.	WELDING MACHINE	3
4.	WELDING MACHINE	3
5.	WELDING MACHINE	3
6.	ROLLING MACHINE	10
7.	ROOF EOT CRANE	7.5
8.	PLASMA CUTTING	10
9.	DRILLING MACHINE SHOP	5
10.	DRILLING MACHINE SHOP	3
11.	OTHER SMALL MACHINES	10
TOTAL		60.5

SHEET.NO.01 OF 02

PLAN SHOWING THE PROPOSED
CONSTRUCTION OF THE
M/s.VGM ENGINEERING,
INDUSTRIAL BUILDING SURVEY
NOS.284/8A, 284/8B,249/1, 249/2,
249/3, KOTTAMEDU
VILLAGE,THIRUPORUR TALUK,
CHENGALPATTU DISTRICT

TNPCB Category - GREEN,
Annexure No.VI. Serial No. 3066
Light Engineering & Fabrication
Units With Painting

JOINERY DETAILS

TYPES	DESCRIPTION	SIZE
D	DOOR	1.00 X 2.10
D1	DOOR-1	0.91 X 2.10
D2	DOOR-2	0.76 X 2.10
W	WINDOW	2.40 X 1.50
V	VENTILATOR	0.60 X 1.20

SITE EXTENT- 6350.0Sq.mt

AREA STATEMENT (Sq.m)						
SL NO	BLOCK NAME	FLOOR NAME	FSI AREA	NON FSI AREA	TOTAL AREA	BUILDING HEIGHT
1.	BLOCK-I MAIN FACTORY BUILDING	GROUND FLOOR (INDUSTRY)	903.30	-	903.30	9.14 M
2.	BLOCK-II MAIN FACTORY BUILDING	GROUND FLOOR (INDUSTRY)	807.45	-	807.45	9.14 M
TOTAL AREA			1710.75		1710.75	

$$\text{OSR AREA} \quad \frac{744.35}{6350.00} = 11.72\%$$

FSI CALCULATION:-

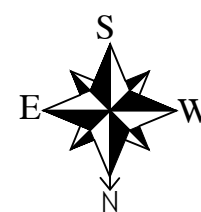
$$\frac{\text{TOTAL FLOOR AREA}}{\text{SITE EXTENT}} = \frac{1710.75}{6350.00} = 0.27$$

PARKING	REQUIRED	PROVIDED
LORRY PARKING	4 Nos	4 Nos
CAR PARKING	1 Nos	1 Nos
TWO WHEELER PARKING	40 Nos	40 Nos
CYCLE PARKING	40 Nos	40 Nos

MAN POWER DETAILS:

HORSE POWER : 66.50 HP

MAN POWER : 30 Male Workers



COLOUR REFERENCE

MACHINERY ABSTRACT

BOUNDARY ROAD PROPOSED BUILDING	MACHINERY ABSTRACT		
	1.	BLOCK I	60.5 HP
	2.	BLOCK II	13 HP
	TOTAL H.P		73.5 HP

SCALE 1:400

SANITATION DETAILS	REQUIRED	PROVIDED
WATER CLOSET	2 Nos	3 Nos
URINALS	2 Nos	4 Nos

For VGM ENGINEERING
M. S. K. K. K.
Proprietor
M. N. N. N. N.

OWNER / OCCUPIER

D. SHANMUGASUNDARAM
 RE (CIVIL), M.TECH (STRUCT.), MIE.,
 REGISTERED STRUCTURAL ENGINEER, GR-1,
 CCLRGN/SE/Gr-1/2019/10/045. Dt 17-10-19
 Joel Towers, Block - C20, 1st Street,
 Navaneetham Nagar Extension, Sembakkam,
 Chennai - 600 073. Mob. No. 9791056521
 e-mail: dss4219@gmail.com

STRUCTURAL ENGINEER (GRADE - I)

R.SATHISHKUMAR, B.Tech.,(Civil), M. Com.,
Licensed Surveyor & Registered Engineer Grade-1 (RE)
Reg.No.CGLDIST/RE/Gr-1/2021/07/004
No.2, Kasthuri Nagar, Acharapakkam Post,
Madhuranthogam Taluk, Chengalpattu Dist - 603 301
Call : 9444 91 2710 email : sathishkumar.net@yahoo.com

ARCHITECT / REGISTERED ENGINEER

Signature Not Verified
Signed by: Assistant Director
Location: Chengalpattu
Date: 2023.06.05 08:33:28