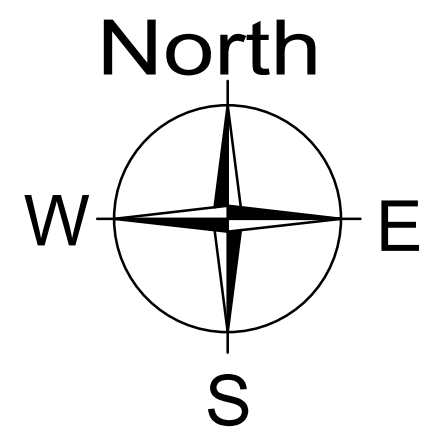




SCALE = 1:100

SHEET NO: 02 / 03

Plan Showing The Proposed Industrial Building for
"Manto Engineering Pvt Ltd & 2 Others"
at Survey No.354/10,354/11,356/1,356/8,
Vadakal 'C' Village,
Sriperumbuthur Taluk,Kancheepuram District

NOTES:-

1.ALL DIMENSIONS & LEVELS ARE IN "M"

SPECIFICATION:-

FOUNDATION AND BASEMENT IN RCC PEDESTAL AND
PLINTH BEAM OVER A BED OF RCC 1:4:8, 0.15 M THICK
AS PER STRUCTURAL DETAILS.

SUPER STRUCTURE:-

SUPER STRUCTURE IN 0.20 TH., 0.12TH. COUNTRY BURNT
SOLID BLOCK WALLS WITH CEMENT MORTAR 1:5

FOOTING, COLUMNS, PLINTH BEAMS, LINTEL,
SUNSHADE & FLOOR WITH
RCC 1:1.5:3 USING 20MM NOMINAL SIZE
BROCKEN STONES.

WALLS INSIDE & OUTSIDE IN CM 1:5,12mm TH.
FINISHING THE WALL PRIMING COAT

FLOORING

FINISHING THE FLOOR WITH 20 TH GRANO FLOORING
OVER A BED OF PCC 1:4:8 6"TH. AND RIVER SAND

DOORS & WINDOWS

DOORS WITH COUNTRY WOODEN FRAMES,
32 TH. FLUSH DOOR SHUTTERS, SS FASTENINGS,
PAINT FINISH

WINDOWS WITH MEDIUM ANODISED ALUMINIUM
OPENABLE SHUTTERS WITH 4 mm GLASS &
STANDARD FASTENINGS

COLOUR INDEX:-

PROPOSED BUILDING

ROAD

BOUNDARY

APPLICANT:-

Sanitation Details	MALE		FEMALE	
	Required	Provided	Required	Provided
WC	2 Nos	2 Nos	1 Nos	1 Nos
WB	2 Nos	2 Nos	1 Nos	1 Nos
Urinals	2 Nos	2 Nos	-	-

MACHINERY LIST

S.NO	NAME OF MACHINERY	QUANTITY OF MACHINERY	Power in H.P for Each Machinery	TOTAL HP
1	3 PHASE TIG WELDING MACHINE	1	6	6.00
2	3 PHASE ARC WELDING MACHINE	1	4	4.00
3	2 PHASE ARC WELDING MACHINE	1	4	4.00
4	1 PHASE ARC WELDING MACHINE	3	4	12.00
5	3 PHASE CO2 WELDING MACHINE	10	6	60.00
6	PILLAR DRILLING MACHINE	2	1	2.00
7	HAND DRILLING MACHINE	3	0.8	2.40
8	MAGENTIC DRILLING MACHINE	1	1.87	1.87
9	ANCHORING MACHINE	2	1.07	2.14
10	BANDSAW CUTTING MACHINE	3	2	6.00
11	CORE CUTTING MACHINE	1	1.54	1.54
12	14" 3 PHASE CUTOFF MACHINE	2	3	6.00
13	14" 1 PHASE CUTOFF MACHINE	2	2.95	5.90
14	AG 4 GRINDING MACHINE	10	1.07	10.70
15	AG 7 GRINDING MACHINE	4	1.2	4.80
16	CONCRETE BREAKER MACHINE	2	2	4.00
17	AIR COMPRESSOR	2	5	10.00
18	GENSET 82.5 KVA (STAND BY)	-	-	-
TOTAL HP				143.35

SCHEDULE OF JOINERY

TYPE	DESCRIPTION	SIZE
RS	ROLLING SHUTTER	4.00 x 5.00
RS1	ROLLING SHUTTER	5.00 x 4.20
RS2	ROLLING SHUTTER	3.50 X 4.20
DD	STEEL DOOR	2.20 X 2.14
D	DOOR	1.22 X 2.14
D1	DOOR	0.91 X 2.14
D2	DOOR	0.75 X 2.14
W	WINDOW	2.20 X 1.22
W1	WINDOW	1.50 X 1.22
V	WINDOW	0.91 x 1.22
V1	VENTILATOR	0.61 X 0.61

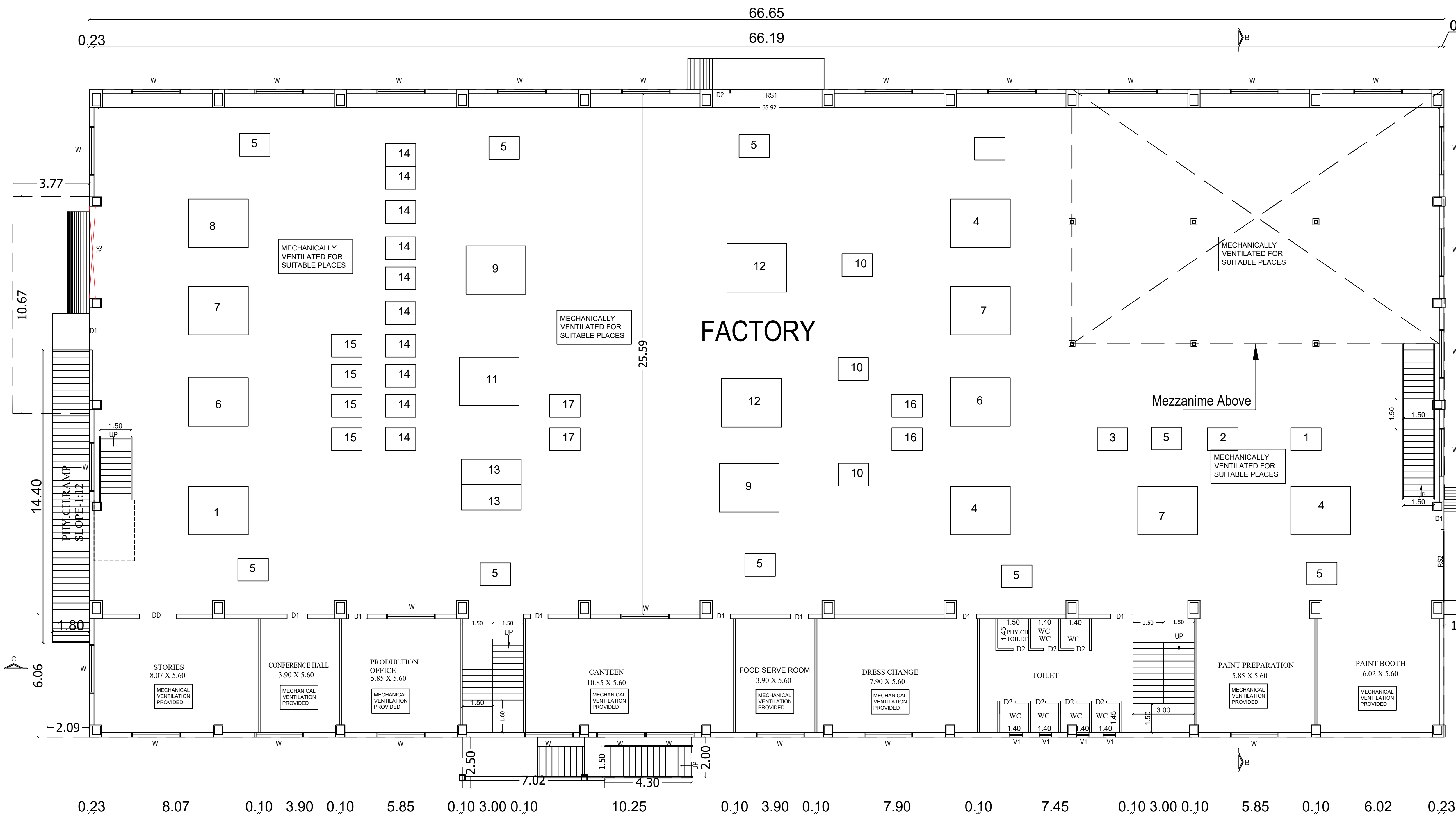
SAND BUCKET	☹☹☹☹
FIRE EXTINGUISHER	☹☹☹☹
EMERGENCY ALARM	☹☹☹☹

STRUCTURAL ENGINEER :-

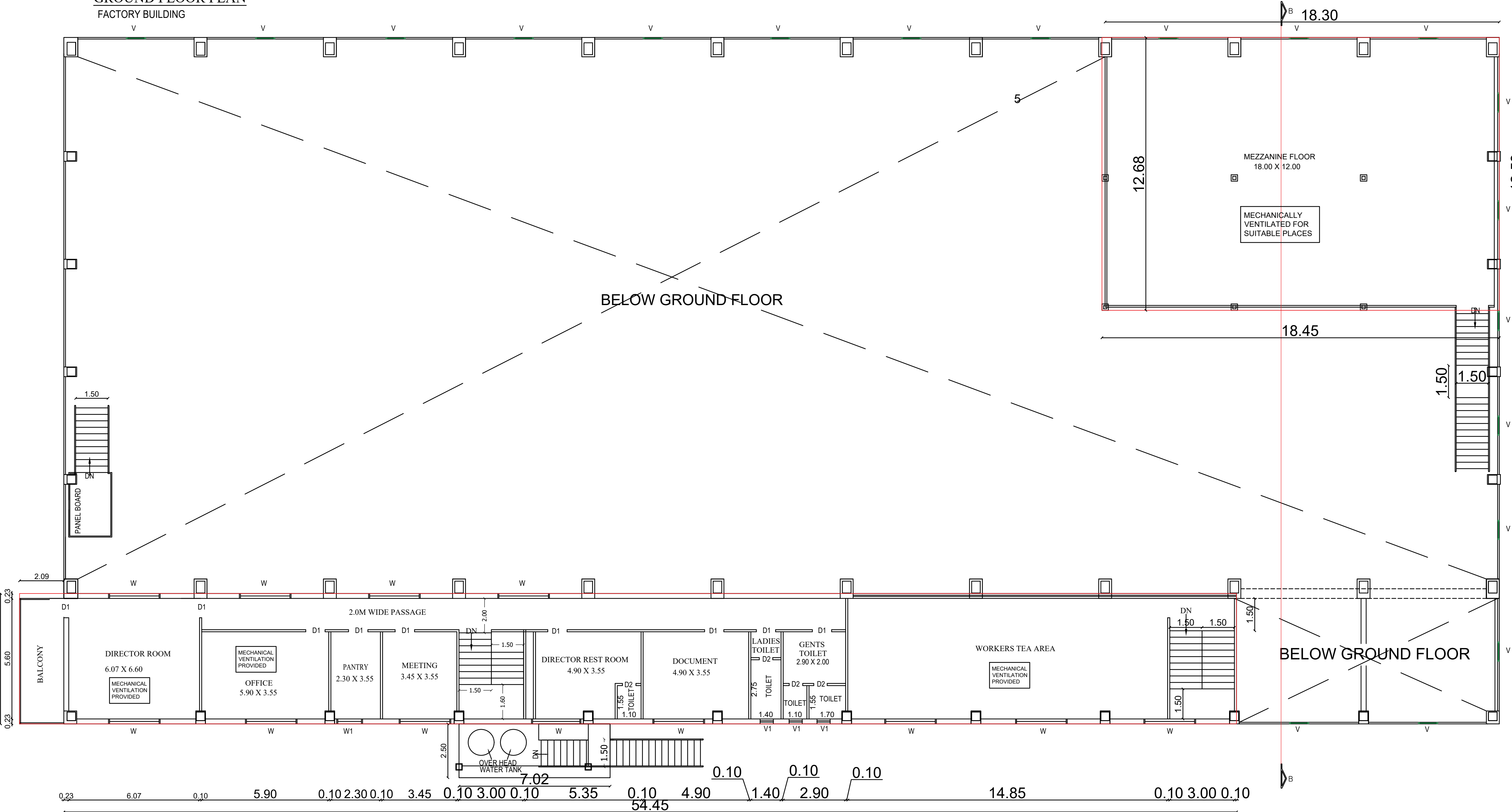
(In The Name of)
B. SENTHIL KUMAR, M.E.(Structural)
Registered Structural Engineer
Coimbatore LPN/SE/GR-1021/2024
17/12, V.C.S. Nagar
G.N. Mills Post, Coimbatore-641029
Cell: 98668 52255

TITLE:-

FACTORY BUILDING
GROUND FLOOR PLAN &
MEZZANINE PLAN

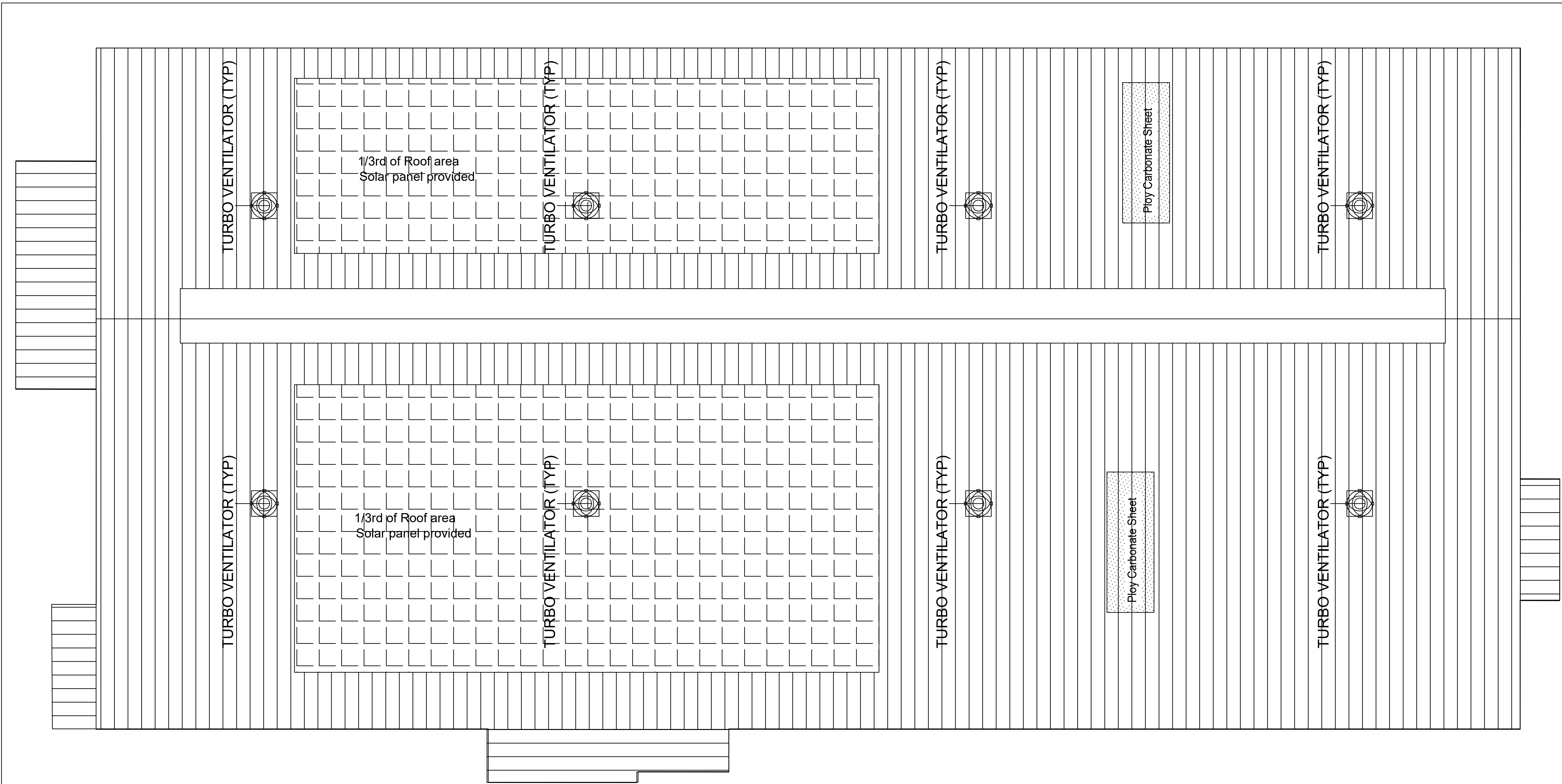


GROUND FLOOR PLAN
FACTORY BUILDING

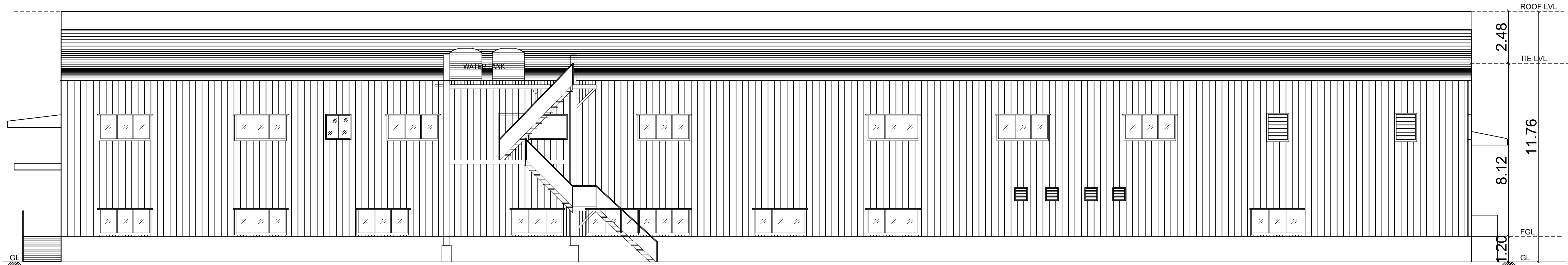


MEZZANINE FLOOR PLAN
OFFICE BUILDING

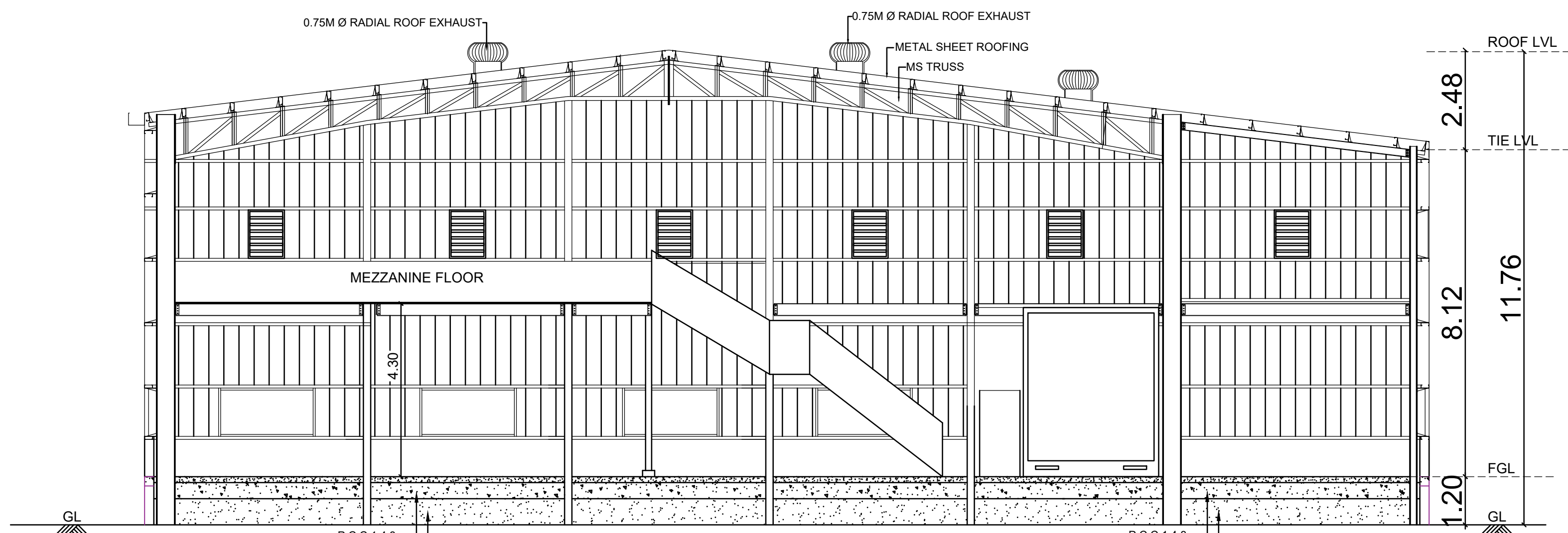




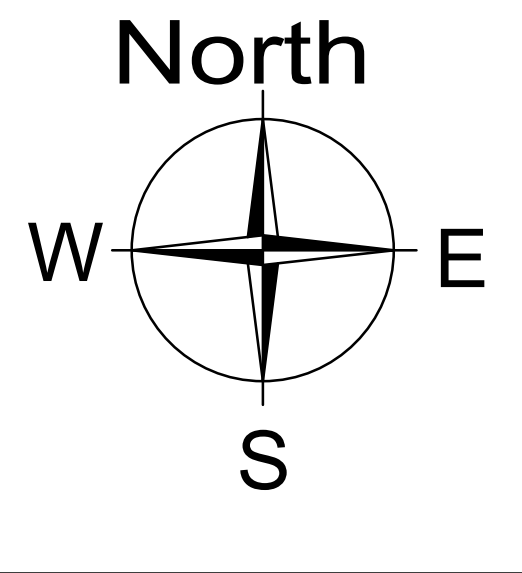
ROOF PLAN



ELEVATION
FACTORY BUILDING



SECTION B-B
FACTORY BUILDING



SCALE = 1:100

SHEET NO: 03 / 03

Plan Showing The Proposed Industrial Building for
"Manto Engineering Pvt Ltd & 2 Others"
at Survey No.354/10,354/11,356/1,356/8.
Vadakal 'C' Village,
Sriperumbuthur Taluk,Kancheepuram District

NOTES:-

1.ALL DIMENSIONS & LEVELS ARE IN "M"

SPECIFICATION:-

FOUNDATION AND BASEMENT IN RCC PEDESTAL AND
PLINTH BEAM OVER A BED OF RCC 1:4:8, 0.15 M THICK
AS PER STRUCTURAL DETAILS.

SUPER STRUCTURE:-

SUPER STRUCTURE IN 20 TH, 0.12TH. COUNTRY BURNT
SOLID BLOCK WALLS WITH CEMENT MORTOR 1:5

FOOTING, COLUMNS, PLINTH BEAMS ,LINTEL,
SUNSHADE & FLOOR WITH
RCC 1:1.5:3USING 20MM NOMINALSIZE
BROCKEN STONES.

WALLS INSIDE & OUTSIDE IN CM 1:5,12mm TH.
FINISHING THE WALL PRIMING COAT

FLOORING

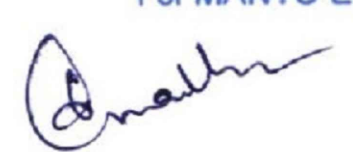
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PAINT FINISH

WINDOWS WITH MEDIUM ANODISED ALUMINIUM
OPENABLE SHUTTERS WITH 4 mm GLASS &
STANDARD FASTENINGS

APPLICANT:-

For MANTO ENGINEERING (P) LTD
 Director

ARCHITECT :-


Dhinesh T Architect
CA / 2009 / 43967
10/1, 2nd Street, Kasthuribai Nagar,
Avadi, Chennai - 600 054.
dhinesh.architect@gmail.com

STRUCTURAL ENGINEER :-

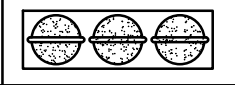
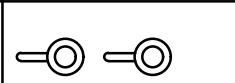
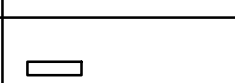

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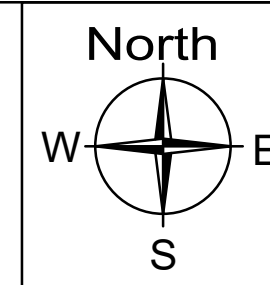
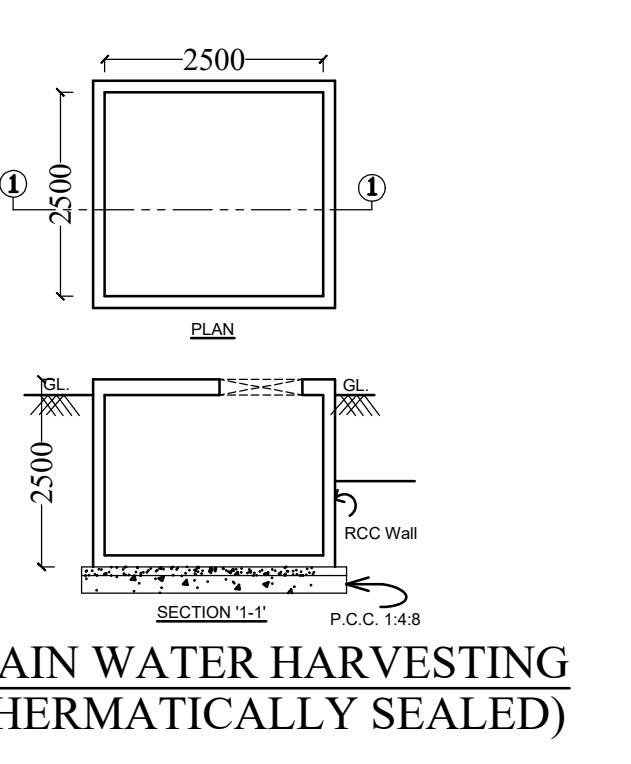
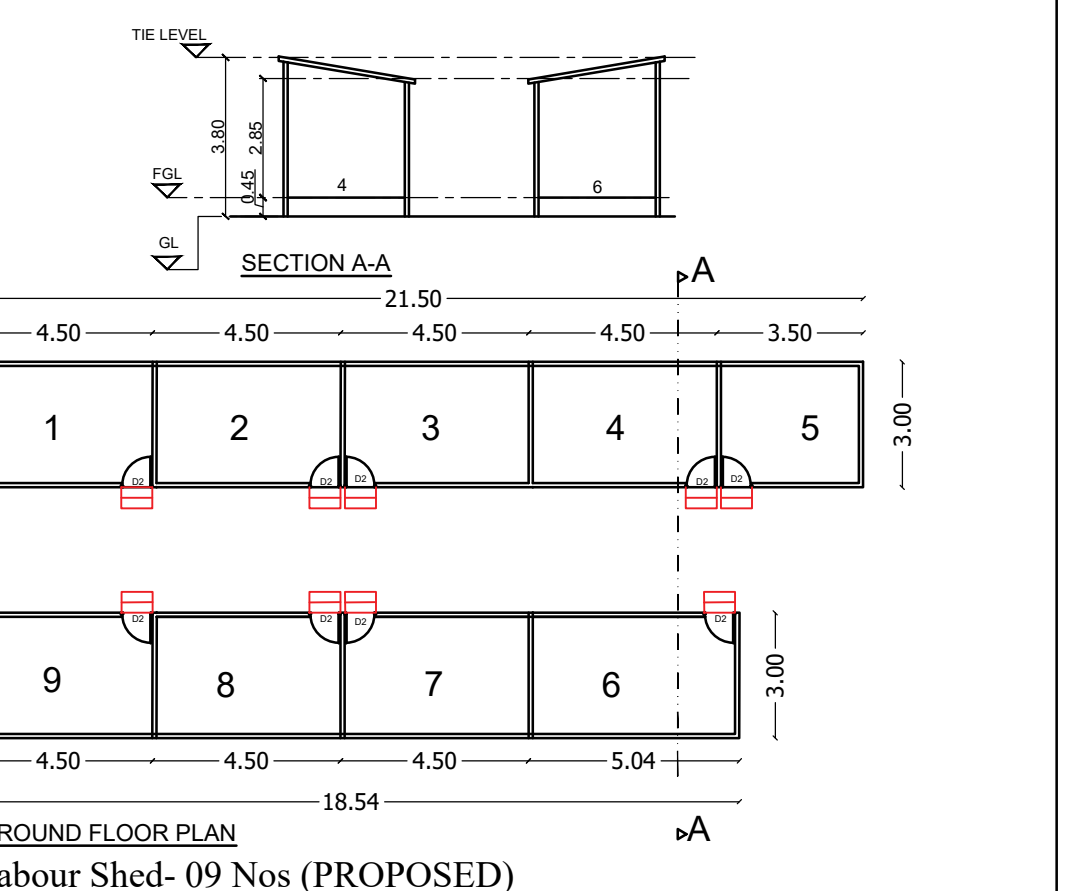
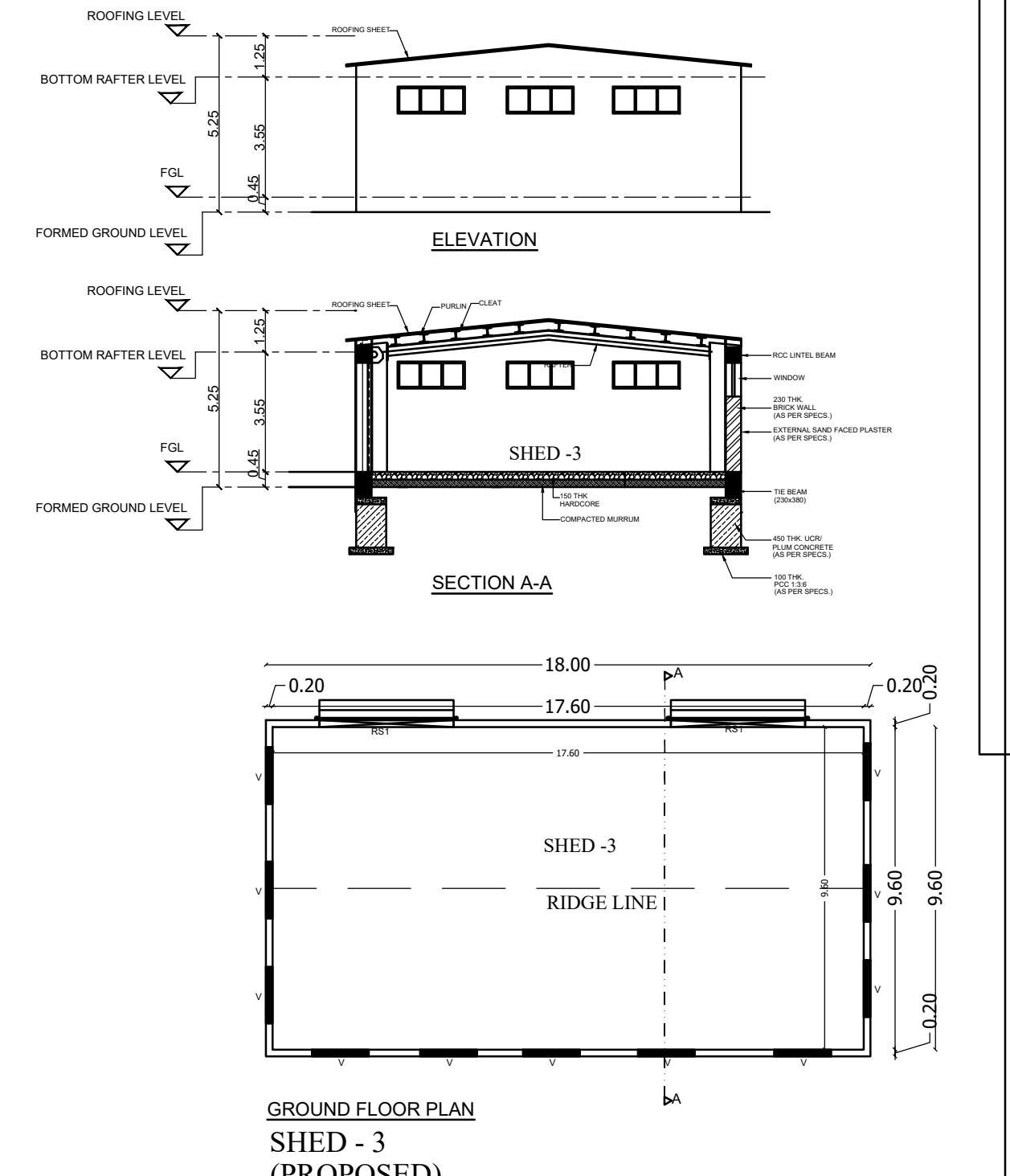
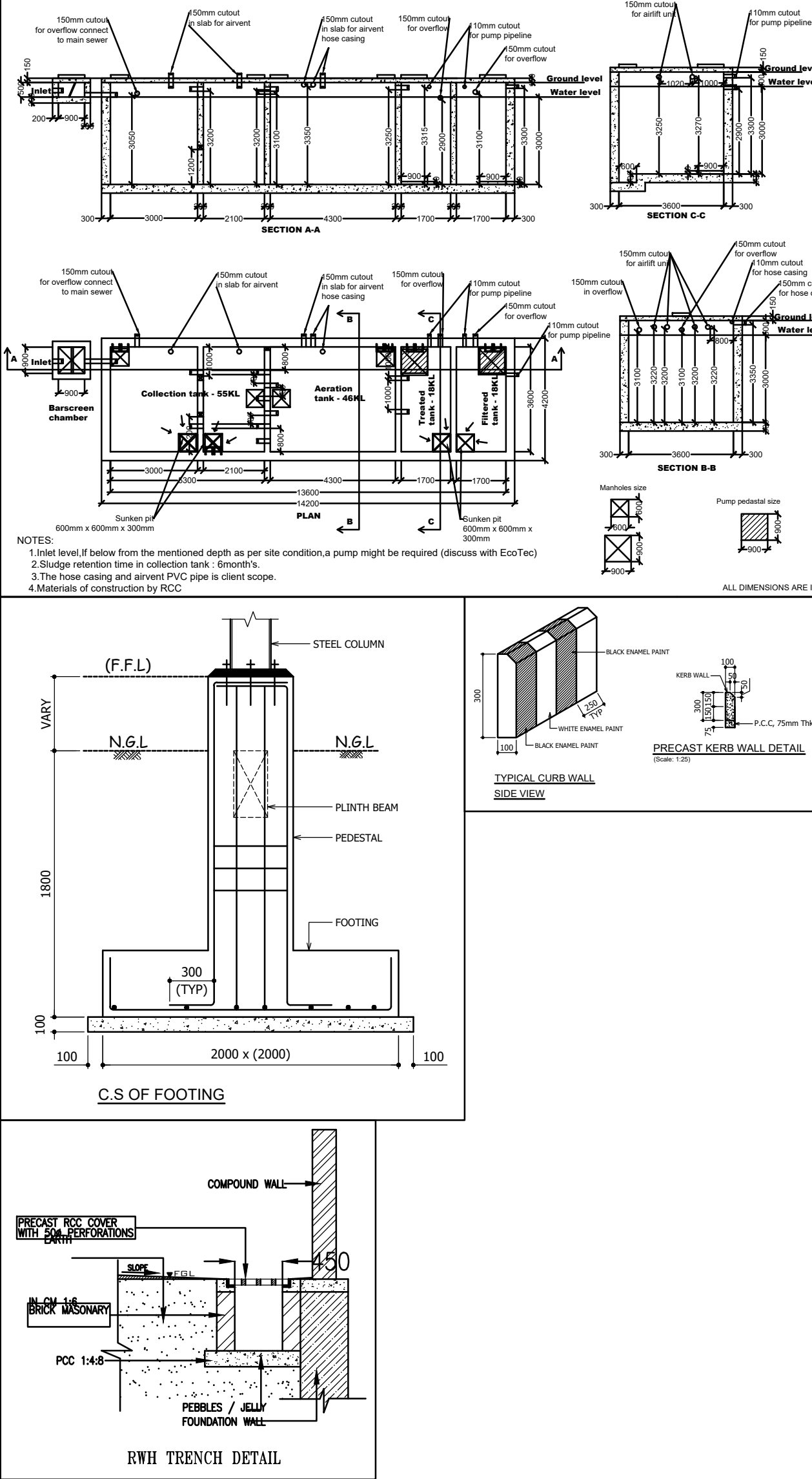
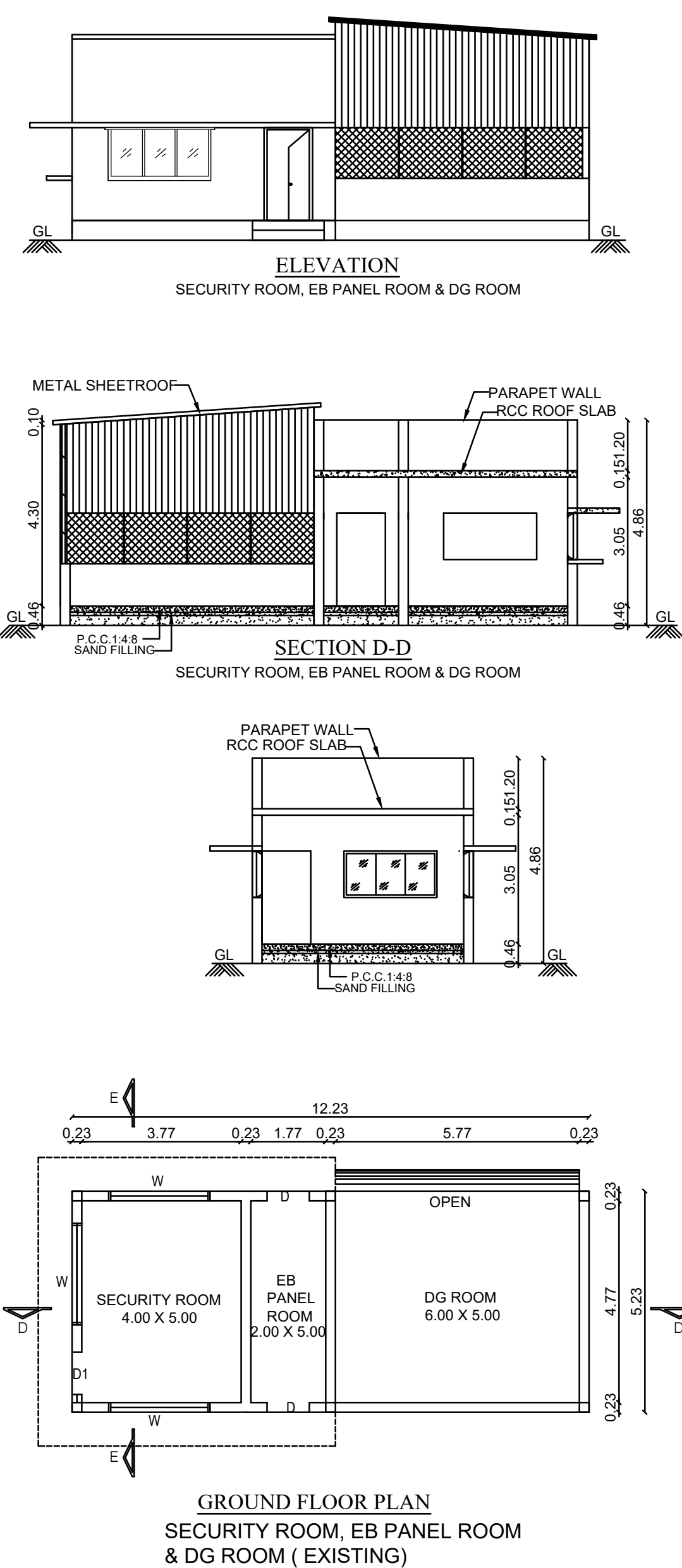
TITLE:-

FACTORY BUILDING
ROOF PLAN, SECTION-'AA' &
FRONT ELEVATION

SCHEDULE OF JOINERY

DESCRIPTION	SIZE
ROLLING SHUTTER	4.00 x 5.00
ROLLING SHUTTER	5.00 x 4.20
ROLLING SHUTTER	3.50 X 4.20
STEEL DOOR	2.20 X 2.14
DOOR	1.22 X 2.14
DOOR	0.91 X 2.14
DOOR	0.75 X 2.14
WINDOW	2.20 X 1.22
WINDOW	1.50 X 1.22
WINDOW	0.91 x 1.22
VENTILATOR	0.61 X 0.61

SAND BUCKET	
FIRE EXTINGUISHER	
EMERGENCY ALARM	



SCALE = 1:300 SHEET NO: 01 / 03

Site Plan Showing The Proposed Industrial Building for "Manto Engineering Pvt Ltd & 2 Others" at Survey No.354/10,354/11,356/1,356/8, Vadakal 'C' Village, Sriperumbuthur Taluk,Kancheepuram District

Category of Industry : Orange Category
Manufacturing Details : ANNEXURE - VII
S.No.10 - Light Engineering Industry Excluding Fabrication and Forging

S.NO	DESCRIPTION	FSI AREA (In Sq.m)	NON-FSI AREA (In Sq.m)	TOTAL AREA (In Sq.m)
1	Ground Floor - Factory	2124.55	-	2124.55
	Ground Floor - Canopy	88.55	-	88.55
	Mezzanine Floor-1 - Office	233.85	-	233.85
	Mezzanine Floor-2 - Office	341.80	-	341.80
2	Security Room,EB Panel Room&DG Room	55.75	-	55.75
3	SHED - 3	180.00	-	180.00
4	Labour Shed	119.96	-	119.96
5	Septic Tank	-	21.12	21.12
6	UG Sumps	-	18.00	18.00
7	Transformer Yard	-	25.00	25.00
Grand Total		3,144.46	64.12	3,208.58

Plot Extent (As per Document)	6960.59 Sq.m (1.72 Acres)
Plot Extent (As per Patta)	7000.00 Sq.m (1.72 Acres)
FSI Achieved - 3,144.46 Sq.m	0.451
OSR Required - 700.00 Sq.m	10.00%
OSR Provided - 703.46 Sq.m	10.05%
OSR(1)- 328.69 Sq.m+OSR(2)- 374.77Sq.m	703.46 Sq.m

NOTES:- 1.ALL DIMENSIONS & LEVELS ARE IN "M"

DESCRIPTION	REQUIRED	PROVIDED
LORRY PARKING	03 NOS	03 NOS
TWO WHEELER PARKING	29 NOS	30 NOS
CYCLE PARKING	29 sq.m	30 sq.m
CAR PARKING	04 NOS	04 NOS

Machinery (HP Details)		143.35 HP
Total No Of Labours		30 Nos
Gents		30 Nos
Ladies		05 NOS
Sanitation Details	MALE	FEMALE
WC	2 Nos	1 Nos
WB	2 Nos	1 Nos
Urinals	2 Nos	-

SPECIFICATION:-
FOUNDATION AND BASEMENT IN RCC PEDESTAL AND PLINTH BEAM OVER A BED OF RCC 1:4:8, 0.15 M THICK AS PER STRUCTURAL DETAILS.
SUPER STRUCTURE:-
SUPER STRUCTURE IN 0.20 TH., 0.12TH. COUNTRY BURNT SOLID BLOCK WALLS WITH CEMENT MORTAR 1:5
FOOTING, COLUMNS, PLINTH BEAMS, LINTEL, SUNSHADE & FLOOR WITH RCC 1:1.5 SUSING 20MM NOMINAL SIZE BROCKEN STONES.
WALLS INSIDE & OUTSIDE IN CM 1:5:12MM TH. FINISHING THE WALL PRIMING COAT
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WINDOWS WITH MEDIUM ANODISED ALUMINIUM OPENABLE SHUTTERS WITH 4 mm GLASS & STANDARD FASTENINGS

COLOUR INDEX:-	PROPOSED BUILDING	SITE BOUNDARY	EXISTING ROAD	DRIVEWAY

APPLICANT:-

For MANTO ENGINEERING (P) LTD.
Director

ARCHITECT :-

Dhinesh T Architect
CA / 2009 / 42967
10/2nd Street, Kancheepuram Nagar,
Avadi, Chennai - 600 054.
dhinesh.architect@gmail.com

STRUCTURAL ENGINEER :-

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