

PLAN SHOWING THE PROPOSED CONSTRUCTION OF INDUSTRIAL BUILDING
M/S. MANPRO EQUIPMENTS PVT LTD,
PLOT NO.E-6,SURVEY NO: 282PT, 283PT, 285PT, 286PT SIPCOT INDUSTRIAL PARK
IRUNGATTUKOTTAI, KATTERIPATTU VILLAGE,
SRIPERUMBUDUR TALUK,
KANCHEEPURAM DISTRICT,
SRIPERUMBUDUR PANCHAYAT UNION.

DRAWING TITLE:
FACTORY FLOOR PLAN

TNPCB- 2042 ORANGE CATEGORY
MANUFACTURING OF HIGH PRECISION COMPONENTS TO OIL, GAS & VALVE INDUSTRIES

PROCEEDINGS NO.F.3455SPR/OL/
DEE/TNPCB/SPR/A/2024 , 24.04.2024

PROCEEDINGS NO.F.3455SPR/OL/
DEE/TNPCB/SPR/W/2024 , 24.04.2024

REFERENCE:
PROPOSED
ROAD
BOUNDARY

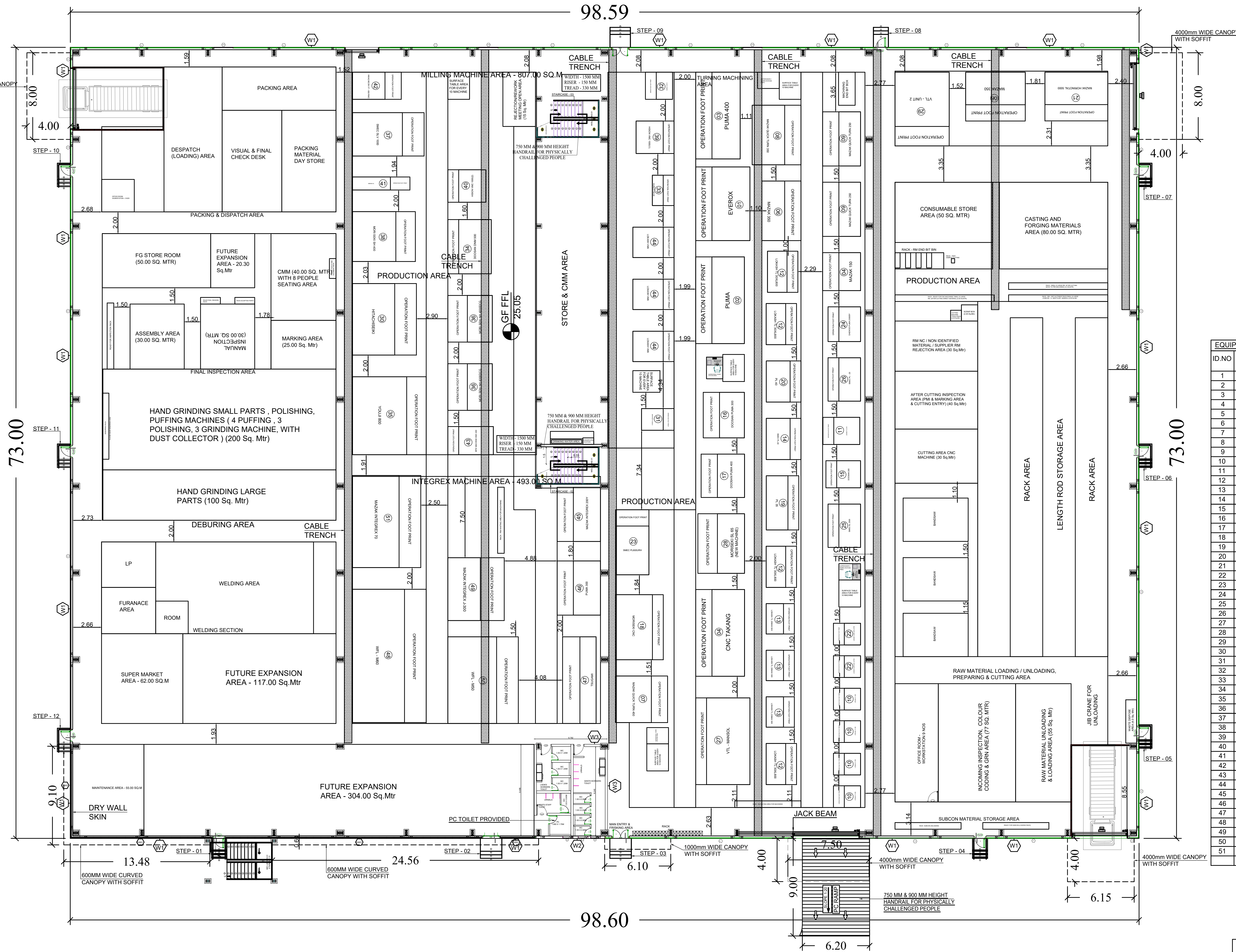
SCALE: 1 : 100
NORTH POINT:
1" = 8'0"

OWNER(S):

ARCHITECT /LICENSED SURVEYOR

STRUCTURAL ENGINEER

SITE ENGINEER



EQUIPMENT DETAILS:				
ID.NO	NAME OF THE MACHINE	NO. OF MACHINES	H.P PER MACHINE	TOTAL H.P
1	EVEROX	1.00	13.4	13.4
2	PUMA 18	1.00	20.1	20.1
3	PUMA 400	1.00	40.2	40.2
4	CNC TAKANG	1.00	24.79	24.79
5	MAZAK 150	1.00	20.1	20.1
6	MAZAK 350	2.00	40.2	80.4
7	MAZAK QUICK TURN 450	1.00	49.58	49.58
8	MAZAK QUICK TURN 350	1.00	40.2	40.2
9	MAZAK QUICK TURN 250	2.00	34.84	69.68
10	LOKASH TL 200	4.00	10.05	40.2
11	LOKASH TL20N	1.00	10.05	10.05
12	LOKASH TL 30XL800	4.00	20.1	80.4
13	LOKASH TL 20MAX 500	3.00	15.41	46.23
14	SMEC PL-40	1.00	40.2	40.2
15	DOOSAN 200	1.00	14.74	14.74
16	DOOSAN PUMA 300	1.00	20.1	20.1
17	DOOSAN PUMA 400	1.00	40.2	40.2
18	MORISEKI CNC	1.00	40.2	40.2
19	PL 35	1.00	29.48	29.48
20	PL 40	1.00	40.2	40.2
21	MAZAK HORINOTAL 5000	1.00	40.2	40.2
22	LOKASH TL200 CNC LATHE	2.00	10.05	20.1
23	SMEC PL800URH	1.00	40.2	40.2
24	DAEWOO PUMA 2000SY	1.00	26.8	26.8
25	SMEC SL 2500	1.00	34.84	34.84
26	SMEC PL-25	1.00	29.48	29.48
27	VTL - MANSOL	1.00	46.9	46.9
28	MORISEKI SL 65	1.00	49.58	49.58
29	VTL	1.00	46.9	46.9
30	HITACHISEIKI	1.00	40.2	40.2
31	BROTHER TC-S2D-0	1.00	17.152	17.152
32	HURCO VM 10	1.00	14.74	14.74
33	HURCO VM 200	1.00	20.1	20.1
34	DOOSAN DNM 500	1.00	24.79	24.79
35	YOLUJI 300	2.00	67	67
36	MORI SEKI NH 4000DCG	2.00	33.5	67
37	SMEC SLV1000	1.00	60.3	60.3
38	MORI SEKI SH 400	1.00	29.48	29.48
39	HISION VMC 1000(1)	1.00	20.1	20.1
40	HISION VMC 1000(2)	1.00	20.1	20.1
41	AMS400 XL	1.00	14.74	14.74
42	HWACHEON VT-650RMC	1.00	29.48	29.48
43	BFW MACHINE HMC 400	1.00	24.79	24.79
44	LOKASH VM 9	3.00	14.74	44.22
45	MAZAK INTEGREX 200Y	1.00	20.1	20.1
46	PUMA 300	1.00	24.79	24.79
47	T SUGAMI	1.00	10.05	10.05
48	WFL-M60	1.00	53.6	53.6
49	MAZAK INTEGREX J-300	1.00	24.79	24.79
50	WFL-M50	1.00	49.58	49.58
51	MAZAK INTEGREX 70	1.00	46.9	46.9
TOTAL IN HP				1907.532

STAIRCASE -01 & 02	RISE	THREAD
FLIGHT 01 TO 04	150mm	325mm

SI.NO	DESCRIPTION	RISE	TREAD
01	STEP - 01 TO 12	143.33	325

HATCHES & SYMBOLS:	
	200MM THK BLOCK WORK + 12MM THK PLASTERING ON BOTH SIDES
	WALL COLUMN
	HAND RAIL
	LEVEL BOUNDARY
	EDGE ANGLE
	WALL UPTO 900mm HEIGHT FROM FFL
	WALL UPTO 3000mm HEIGHT FROM FFL
	WALL UPTO FULL HEIGHT (BELOW MEZZANINE) FROM FFL
	WALL UPTO 2100mm HEIGHT FROM FFL

GROUND FLOOR SCHEDULE OF JOINERY FOR WINDOW							
SI.NO	LOCATION	ITEM CODE	TYPE	DESCRIPTION	DETAILS	MOC	REMARKS
01	B01	GW01	TYPE 01	FIXED GLASS WINDOW	CONTINUOUS WINDOW	-	REFER VERTICAL PLAN
02	B01	SW01 TO SW04	TYPE 01	THREE PANEL SLIDING WINDOW	-	-	-

UND FLOOR SCHEDULE OF JOINERY FOR EXHAUST FAN WITH FIXED GLASS							
O	LOCATION	ITEM CODE	TYPE	DESCRIPTION	DETAILS	MOC	REMARKS
	B01	EF01+FG01 TO EF03+FG03	TYPE 01	EXHAUST FAN WITH FIXED GLASS	-	-	REFER VERTICAL PLAN

UND FLOOR SCHEDULE OF JOINERY FOR LOUVER VENTILATOR:							
C	LOCATION	ITEM CODE	TYPE	DESCRIPTION	DETAILS	MOC	REMARKS
	B01	LV	TYPE 01	LOUVER	CONTINUOUS LOUVER	ALUMINIUM	REFER VERTICAL PLAN

GROUND FLOOR SCHEDULE OF JOINERY FOR ROLLING SHUTTERS:							
SI.NO	LOCATION	ITEM CODE	TYPE	DESCRIPTION	DETAILS	MOC	REMARKS
01	B01	RS01 & RS02	TYPE 01	ROLLING SHUTTER	-	-	MOTORIZED
02	B01	RS03 & RS04	TYPE 01	ROLLING SHUTTER	-	-	MOTORIZED
03	B01	RS05	TYPE 02	ROLLING SHUTTER	-	-	MOTORIZED

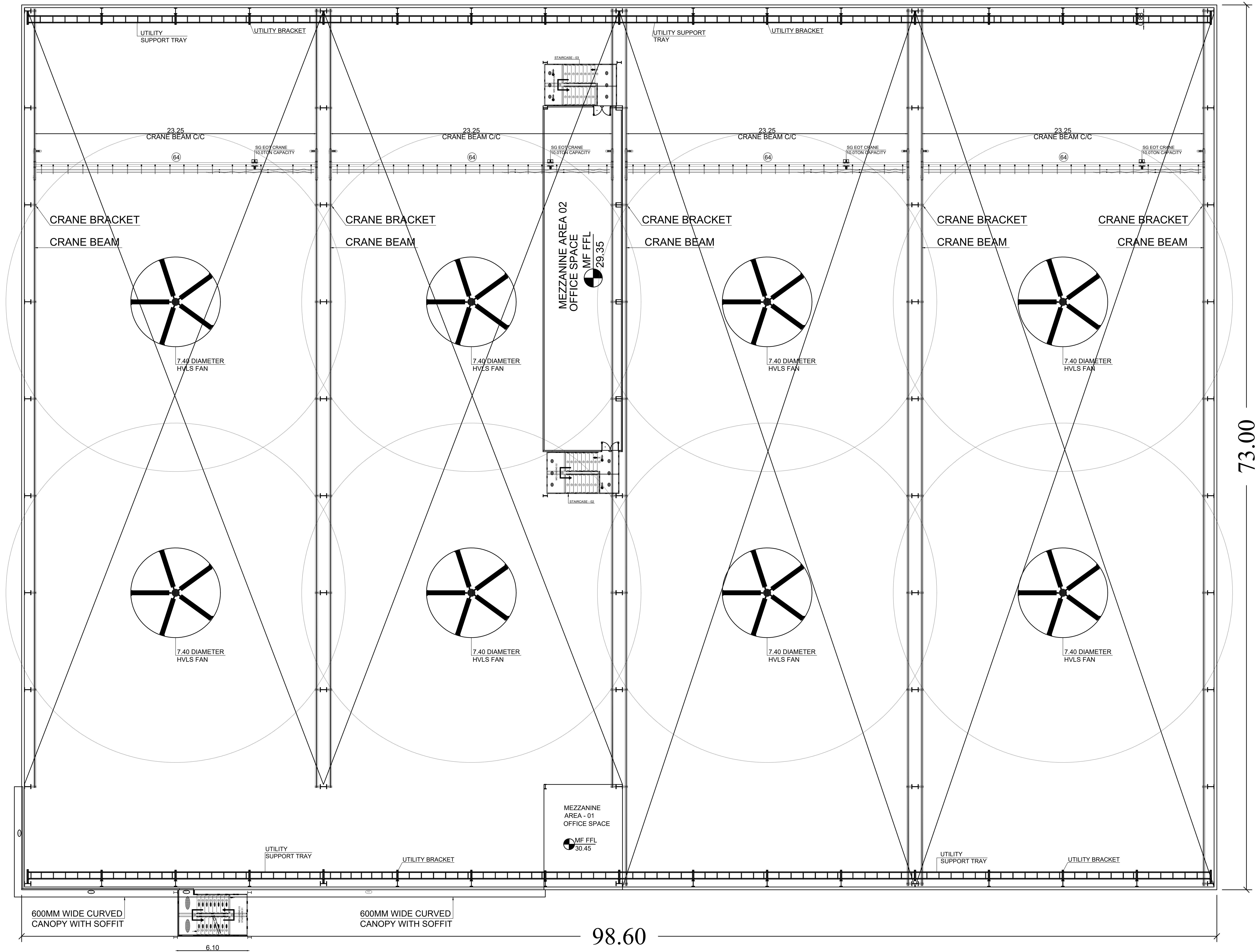
GROUND FLOOR SCHEDULE OF JOINERY FOR DOOR:							
SI.NO	LOCATION	ITEM CODE	TYPE	DESCRIPTION	DETAILS	MOC	REMARKS
01	B01	SD01	TYPE 01	DOUBLE LEAF PAIRED DOOR	-	-	-
02	B01	D02 & D03	TYPE 01	DOUBLE LEAF PAIRED DOOR	-	-	-
03	B01	D04, D05 & D07	TYPE 01	SINGLE LEAF DOOR	-	-	-
04	B01	D06	TYPE 01	SINGLE LEAF DOOR	-	-	-
05	B01	De01 TO De09	TYPE 01	EMERGENCY DOOR	-	-	-
06	B01	Dv01 & Dv07	TYPE 01	VENTILATOR DOOR	-	-	-



For MANPRO EQUIPMENTS PVT LTD
Managing Director
A.V. PRAKASH, B.Arch.,
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40-AB, 1st Floor, S.V.M. Pillai Street,
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(MISTE, MEST),
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01 MEZZANINE FLOOR PLAN

EQUIPMENT DETAILS :				
ID.NO	NAME OF THE MACHINE	NO. OF MACHINES	H.P PER MACHINE	TOTAL H.P
52	SG EOT CRANE 10.00 TON CAPACITY	4.00	10.00	40.00
	TOTAL IN HP			40.00

MEZZANINE FLOOR SCHEDULE OF JOINERY FOR WINDOW SCHEDULE OF JOINERY FOR DOOR:									
Sl.NO	LOCATION	ITEM CODE	TYPE	DESCRIPTION	DETAILS	MOC	SIZE (BxH) mm	QTY	REMARKS
01	B01	D101 & D102	TYPE 01	DOUBLE LEAF PAIRED DOOR	-	-	1500 x 2100	02	--

SHEET NO:03/08

PLAN SHOWING THE PROPOSED CONSTRUCTION OF INDUSTRIAL BUILDING
M/S. MANPRO EQUIPMENTS PVT LTD,
PLOT NO.E-6,SURVEY NO: 282PT, 283PT, 285PT, 286PT SIPCOT INDUSTRIAL PARK
IRUNGATTUKOTTAI, KATTERIPATTU VILLAGE,
SRIPERUMBUDUR TALUK,
KANCHEEPURAM DISTRICT,
SRIPERUMBUDUR PANCHAYAT UNION.

DRAWING TITLE:

FACTORY MEZZANINE PLAN

TNPB- 2042 ORANGE CATEGORY
MANUFACTURING OF HIGH PRECISION
COMPONENTS TO OIL, GAS & VALVE
INDUSTRIES
PROCEEDINGS NO.F.3455SPR/OL/
DEE/TNPB/SPR/A/2024 , 24.04.2024
PROCEEDINGS NO.F.3455SPR/OL/
DEE/TNPB/SPR/W/2024 , 24.04.2024

REFERENCE:
PROPOSED
ROAD
BOUNDARY

SCALE:
1 : 100
1" = 8' 0"

NORTH POINT:
N
W E
S

OWNER(S):

For MANPRO EQUIPMENTS PVT LTD
Managing Director

ARCHITECT /LICENSED SURVEYOR

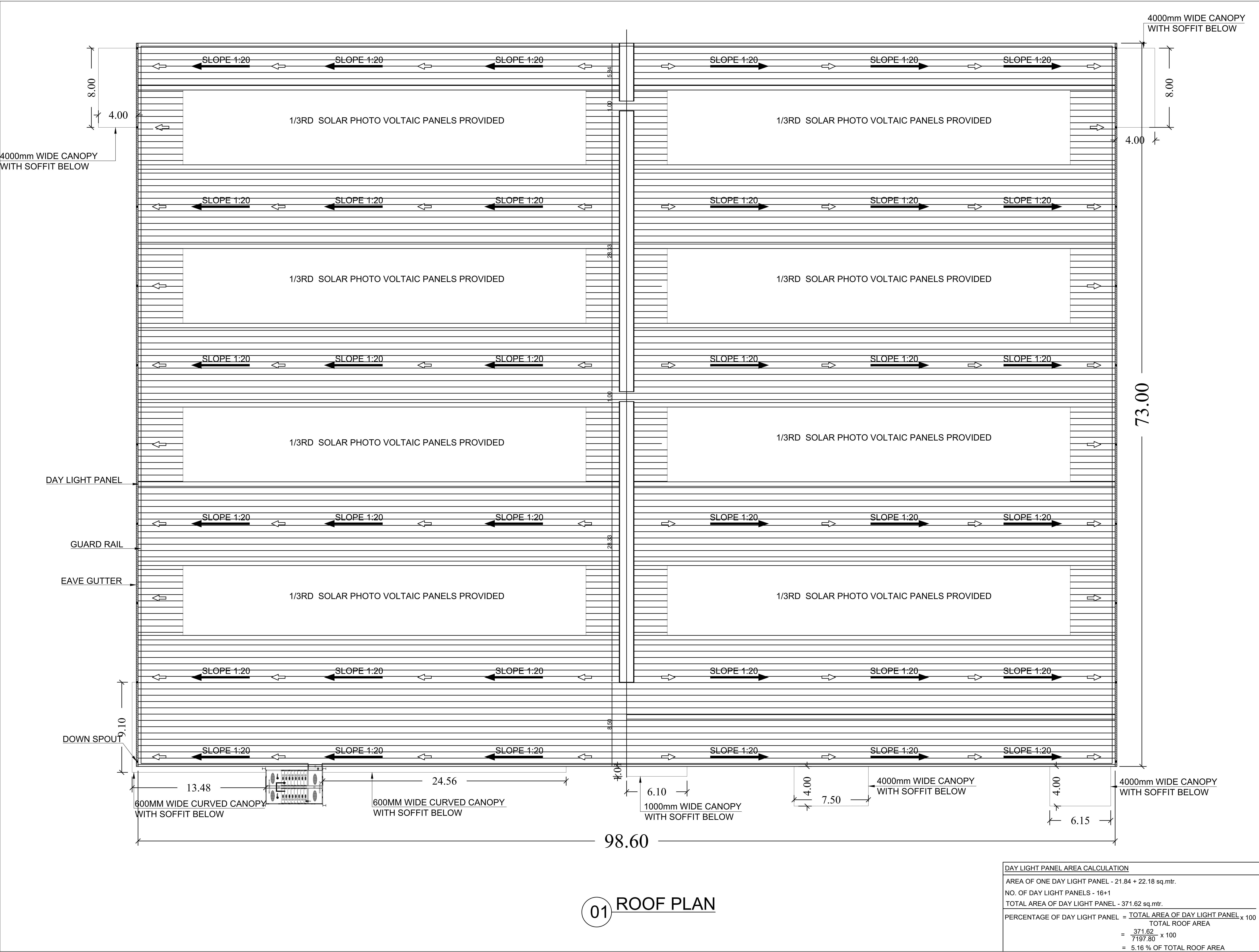
A.V. PRAKASH, B.Arch.,
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STRUCTURAL ENGINEER

M. Sekar,
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SITE ENGINEER

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S.UJAYATHULLAH S
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01 ROOF PLAN

DAY LIGHT PANEL AREA CALCULATION	
AREA OF ONE DAY LIGHT PANEL - 21.84 + 22.18 sq.mtr.	
NO. OF DAY LIGHT PANELS - 16+1	
TOTAL AREA OF DAY LIGHT PANEL - 371.62 sq.mtr.	
PERCENTAGE OF DAY LIGHT PANEL = $\frac{\text{TOTAL AREA OF DAY LIGHT PANEL}}{\text{TOTAL ROOF AREA}} \times 100$	
$= \frac{371.62}{7197.80} \times 100$	
$= 5.16 \%$ OF TOTAL ROOF AREA	

SHEET NO:04/08

PLAN SHOWING THE PROPOSED CONSTRUCTION OF INDUSTRIAL BUILDING
M/S. MANPRO EQUIPMENTS PVT LTD,
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IRUNGATTUKOTTAI, KATTERIPATTU VILLAGE, SRIPERUMBUDUR TALUK, KANCHEEPURAM DISTRICT, SRIPERUMBUDUR PANCHAYAT UNION.

DRAWING TITLE:

FACTORY ROOF PLAN

TNPCC- 2042 ORANGE CATEGORY MANUFACTURING OF HIGH PRECISION COMPONENTS TO OIL, GAS & VALVE INDUSTRIES

PROCEEDINGS NO.F.3455SPR/OL/ DEE/TNPCC/SPR/A/2024 , 24.04.2024

PROCEEDINGS NO.F.3455SPR/OL/ DEE/TNPCC/SPR/W/2024 , 24.04.2024

REFERENCE:	
PROPOSED	
ROAD	
BOUNDARY	
SCALE:	NORTH POINT:
1 : 100	
1" = 8' 0"	

OWNER(S):

For MANPRO EQUIPMENTS PVT LTD
M. Manoj
Managing Director

ARCHITECT /LICENSED SURVEYOR

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STRUCTURAL ENGINEER

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SITE ENGINEER

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PLAN SHOWING THE PROPOSED CONSTRUCTION OF INDUSTRIAL BUILDING
M/S. MANPRO EQUIPMENTS PVT LTD,
PLOT NO.E-6,SURVEY NO: 282PT, 283PT, 285PT, 286PT SIPCOT INDUSTRIAL PARK
IRUNGATTUKOTTAI, KATTERIPATTU VILLAGE,
SRIPERUMBUDUR TALUK,
KANCHEEPURAM DISTRICT,
SRIPERUMBUDUR PANCHAYAT UNION.

DRAWING TITTLE:

FACTORY - ELEVATION/SECTION

TNPCB- 2042 ORANGE CATEGORY
MANUFACTURING OF HIGH PRECISION
COMPONENTS TO OIL, GAS &
VALVE INDUSTRIES

PROCEEDINGS NO.F.3455SPR/OL/
DEE/TNPCB/SPR/A/2024 , 24.04.2024

PROCEEDINGS NO.F.3455SPR/OL/
DEE/TNPCB/SPR/W/2024 , 24.04.2024

REFERENCE:

PROPOSED

ROAD

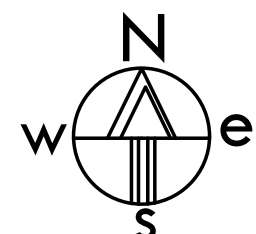
BOUNDARY

SCALE:

1 : 100

1" = 8' 0"

NORTH POINT:



OWNER(S):

For MANPRO EQUIPMENTS PVT LTD
Managing Director

ARCHITECT /LICENSED SURVEYOR

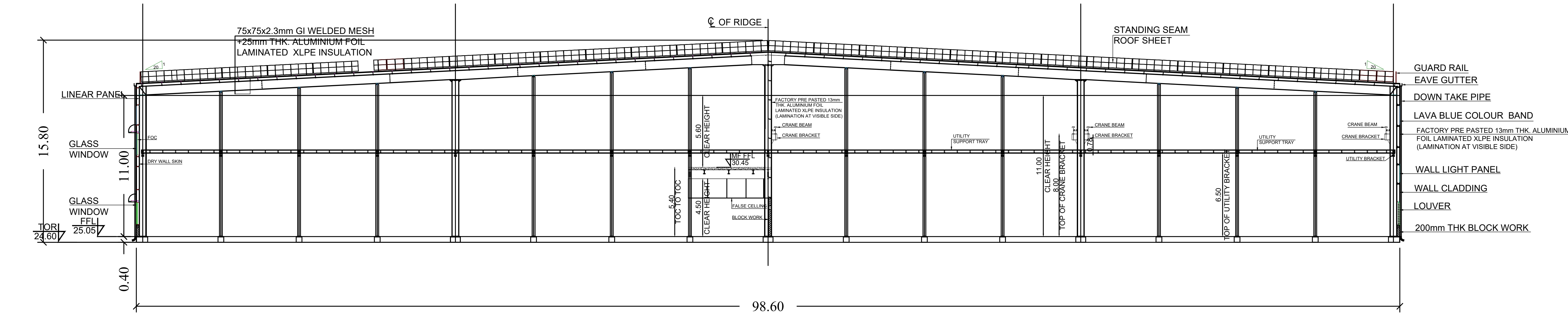
Ar. V. PRAKASH, B.Arch.,
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40-AB, 1st Floor, S.V.N.Pillai Street,
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STRUCTURAL ENGINEER

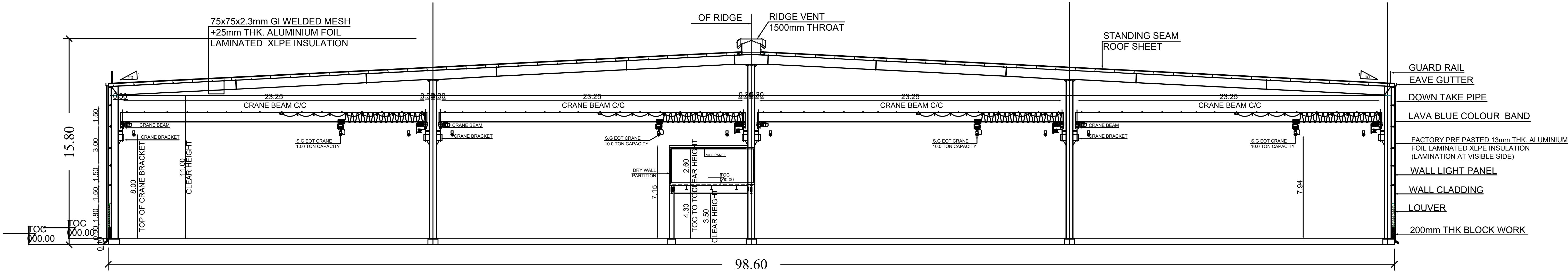
Dr. M. SEKAR, M.E., Ph.D.,
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SITE ENGINEER

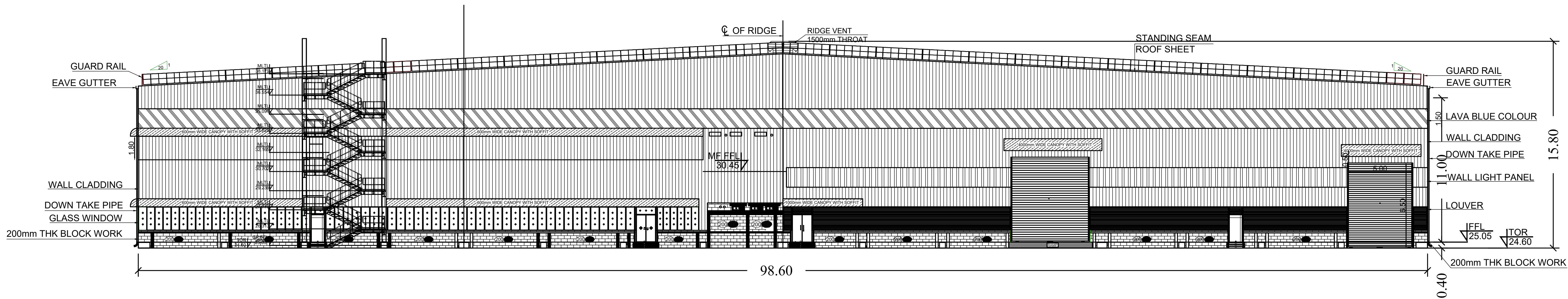
SUJAYATHULLAH, S
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Regd. No: CCLRCN/RCE/2019/08003
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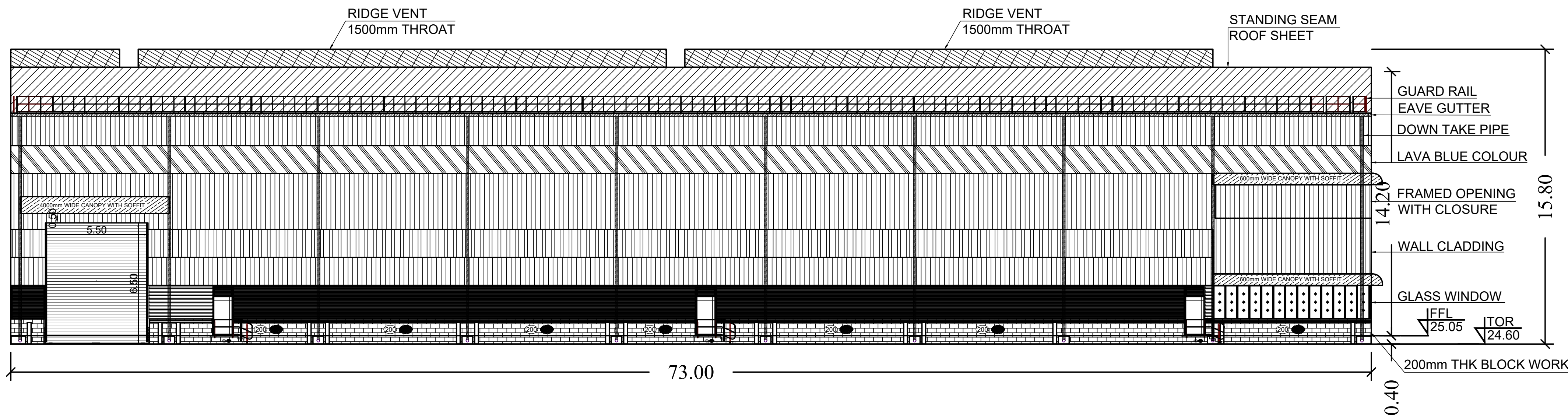
DETAIL SCALE



DETAIL SCALE



SOUTH SIDE ELEVATION



WEST SIDE ELEVATION

PLAN SHOWING THE PROPOSED CONSTRUCTION OF INDUSTRIAL BUILDING
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PLOT NO.E-6,SURVEY NO: 282PT, 283PT, 285PT, 286PT SIPCOT INDUSTRIAL PARK
IRUNGATTUKOTTAI, KATTERIPATTU VILLAGE,
SRIPERUMBUDUR TALUK,
KANCHEEPURAM DISTRICT,
SRIPERUMBUDUR PANCHAYAT UNION.

DRAWING TITLE:

UTILITY BUILDING FLOOR PLANS

TNPGB- 2042 ORANGE CATEGORY
MANUFACTURING OF HIGH PRECISION
COMPONENTS TO OIL, GAS &
VALVE INDUSTRIES

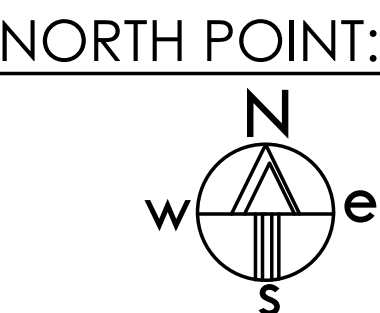
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PROCEEDINGS NO.F.3455SPR/OL/
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REFERENCE:

PROPOSED
ROAD
BOUNDARY

SCALE:
1 : 100
1" = 8' 0"



OWNER(S):

For MANPRO EQUIPMENTS PVT LTD
Managing Director

ARCHITECT /LICENSED SURVEYOR

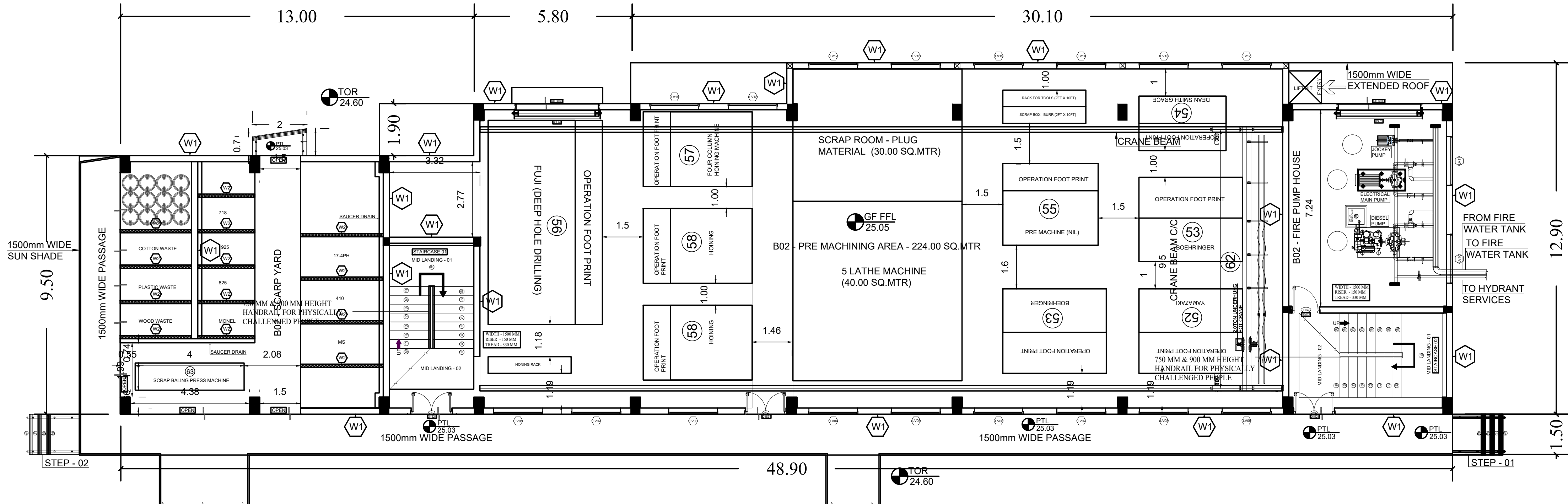
STRUCTURAL ENGINEER

SITE ENGINEER

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GROUND FLOOR PLAN

SCHEDULE OF JOINERY FOR DOOR - (GROUND FLOOR)								
SI.NO	LOCATION	ITEM CODE	TYPE	DESCRIPTION	DETAILS	MOC	SIZE (BxH) mm	QTY
01	B02	D01, D02 & D03	TYPE 01	DOUBLE LEAF PAIRED DOOR	-	STEEL	1500 x 2100	03
02	B02	D04	TYPE 01	SINGLE LEAF SWING DOOR	-	STEEL	1000 x 2100	01

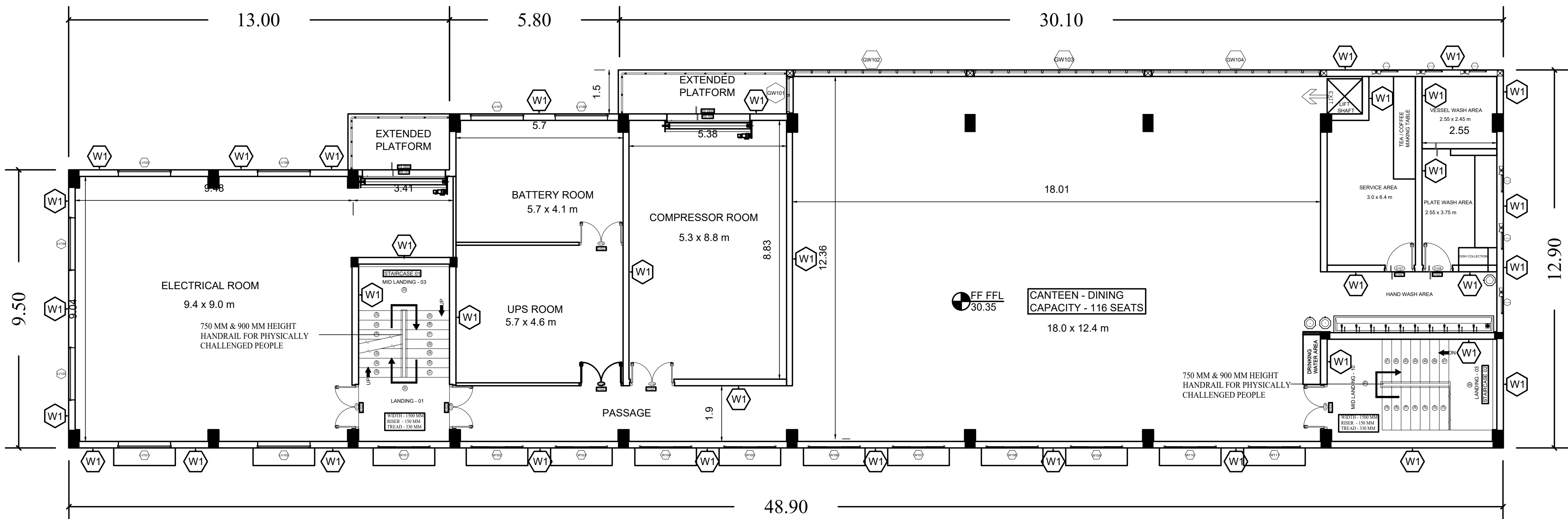
SCHEDULE OF JOINERY FOR ROLLING SHUTTER - (GROUND FLOOR)								
SI.NO	LOCATION	ITEM CODE	TYPE	DESCRIPTION	DETAILS	MOC	SIZE (BxH) mm	QTY
01	B02	RS01 & RS02	TYPE 01	ROLLING SHUTTER	-	-	3000 x 3000	02

LEGEND:	
GF	GROUND FLOOR
FF	FIRST FLOOR
SF	SECOND FLOOR
TE	TERRACE
HRT	HEAD ROOM TOP
TEL	FINISHED FLOOR LEVEL
THK	TERRACE FLOOR
200mm THK BRICK WORK	
100mm THK BRICK WORK	
SUNSHADE	
WALL UPTO FULL HEIGHT	
100mm WALL UPTO 2100mm HEIGHT	
WALL UPTO 2000mm HEIGHT	

FOR STEP 01
TREAD : 325
RISER : 143.33

STAIRCASE 01 & 02	RISE	THREAD
FLIGHT 01 TO 04	165.625	325mm

SCHEDULE OF JOINERY FOR LOUVER VENTILATOR - (GROUND FLOOR)								
SI.NO	LOCATION	ITEM CODE	TYPE	DESCRIPTION	DETAILS	MOC	SIZE (BxH) mm	QTY
01	B02	LV101 TO LV19	TYPE 01	LOUVER	-	ZINCALUME /GALVALUME	1800x1200	19



FIRST FLOOR PLAN

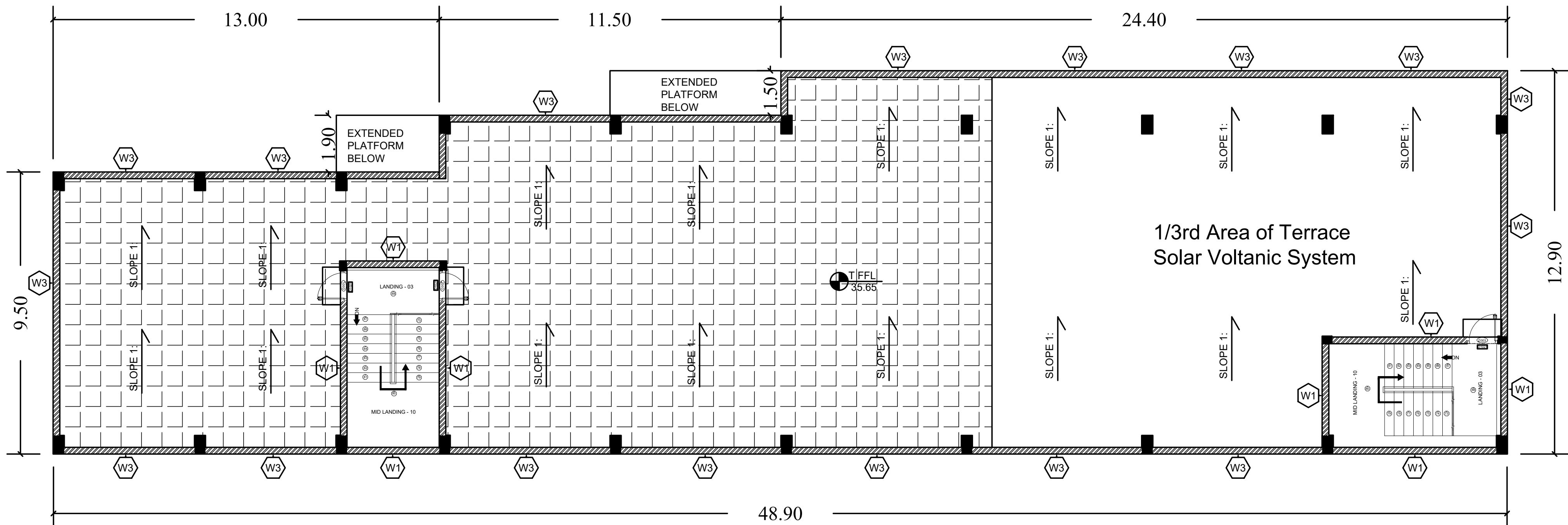
SCHEDULE OF JOINERY FOR DOOR - (FIRST FLOOR)								
SI.NO	LOCATION	ITEM CODE	TYPE	DESCRIPTION	DETAILS	MOC	SIZE (BxH) mm	QTY
01	B02	D101 TO D106	TYPE 01	DOUBLE LEAF PAIRED DOOR	-	STEEL	1500 x 2100	06
02	B02	D107 & D108	TYPE 01	SINGLE LEAF SWING DOOR	-	STEEL	1000 x 2100	02

SCHEDULE OF JOINERY FOR WINDOW (FIRST FLOOR)								
SI.NO	LOCATION	ITEM CODE	TYPE	DESCRIPTION	DETAILS	MOC	SIZE (BxH) mm	QTY
01	B02	W101 TO W111	TYPE 01	3 PANEL SLIDING WINDOW	-	-	1800 x 1200	11
02	B02	GW101 TO GW 104	TYPE 01	GLASS WINDOW	CONTINEOUS	-	CONTINEOUS x 1200	04

SCHEDULE OF JOINERY FOR EXHAUST FAN WITH FIXED GLASS (FIRST FLOOR)								
SI.NO	LOCATION	ITEM CODE	TYPE	DESCRIPTION	DETAILS	MOC	SIZE (BxH) mm	QTY
01	B02	EF101+FG101 TO EF106+FG106	TYPE 01	EXHAUST FAN WITH FIXED GLASS	-	-	(600x300)x450	06

SCHEDULE OF JOINERY FOR ROLLING SHUTTER - (FIRST FLOOR)								
SI.NO	LOCATION	ITEM CODE	TYPE	DESCRIPTION	DETAILS	MOC	SIZE (BxH) mm	QTY
01	B02	RS101 & RS102	TYPE 01	ROLLING SHUTTER	-	-	2800 x 3000	02

SCHEDULE OF JOINERY FOR LOUVER VENTILATOR - (FIRST FLOOR)								
SI.NO	LOCATION	ITEM CODE	TYPE	DESCRIPTION	DETAILS	MOC	SIZE (BxH) mm	QTY
01	B02	LV101 TO LV108	TYPE 01	LOUVER	-	ZINCALUME /GALVALUME	1800x1200	08



HEAD ROOM & TERRACE PLAN

SCHEDULE OF JOINERY FOR DOOR - (TERRACE FLOOR)								
SI.NO	LOCATION	ITEM CODE	TYPE	DESCRIPTION	DETAILS	MOC	SIZE (BxH) mm	QTY
02	B02	D301 TO D303	TYPE 01	SINGLE LEAF SWING DOOR	-	STEEL	1000 x 2100	02

STAIRCASE 01 & 02	RISE	THREAD
FLIGHT 08 TO 11	158.33	325mm

PLAN SHOWING THE PROPOSED CONSTRUCTION
OF INDUSTRIAL BUILDING
M/S. MANPRO EQUIPMENTS PVT LTD,
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286PT SIPCOT INDUSTRIAL PARK
IRUNGATTUKOTTAI, KATTERIPATTU VILLAGE,
SRIPERUMBUDUR TALUK,
KANCHEEPURAM DISTRICT,
SRIPERUMBUDUR PANCHAYAT UNION.

UTILITY BUILDING ROOF PLAN, ELEVATION & SECTION

REFERENCE:	
PROPOSED	
ROAD	
BOUNDARY	

NORTH POINT:



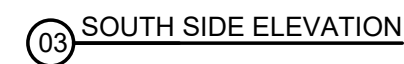
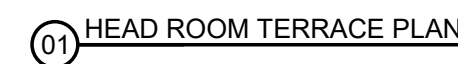
For MANDRO EQUIPMENTS PVT LTD

 Managing Director

Ar. V. PRAKASH, 2 Arch.,
Regd. LPA: RA/Gr-1/002/2019,
40-AB, 1st Floor, S.V.N. Pillai Street,
KANCHIPURAM - 2.

Dr. M. SEKAR, M.E., Ph.D.,
(MISTE, MEST)
EG. STRUCTURAL ENGINEER, GRADE-4,
DTCP, Reg. No. SE/G-1/003/2021
PLOT No. 28, Kottalaperambal Koll Street,
KAVAYIPPAKKAM 6 2 506.
Rangpet Dt. TamilNadu, India.
Mobile: + 91-9488214532 / 9543134287.

SUJAYATHULLAH. S
Registered Construction Engineer Grade I
Sgnd. No: CGLRG/NRCE/2019/08/803
Plot No. 92/12B, Kal Kuthirai Thakka Street,
Hiravannamalai-606 601. Ph: 86956 97507
E-mail: sjsujay77@gmail.com



PLAN SHOWING THE PROPOSED CONSTRUCTION OF INDUSTRIAL BUILDING
M/S. MANPRO EQUIPMENTS PVT LTD,
PLOT NO.E-6,SURVEY NO: 282PT, 283PT, 285PT, 286PT SIPCOT INDUSTRIAL PARK
IRUNGATTUKOTTAI, KATTERIPATTU VILLAGE, SRIPERUMBUDUR TALUK, KANCHEEPURAM DISTRICT, SRIPERUMBUDUR PANCHAYAT UNION.

DRAWING TITTLE:

TYPICAL DETAIL DRAWING

TNPCB- 2042 ORANGE CATEGORY
MANUFACTURING OF HIGH PRECISION
COMPONENTS TO OIL, GAS &
VALVE INDUSTRIES

PROCEEDINGS NO.F.3455SPR/OL/
DEE/TNPCB/SPR/A/2024 , 24.04.2024

PROCEEDINGS NO.F.3455SPR/OL/
DEE/TNPCB/SPR/W/2024 , 24.04.2024

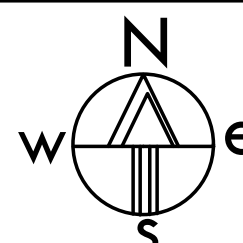
REFERENCE:

PROPOSED
ROAD
BOUNDARY

SCALE:

1 : 100

NORTH POINT:



1" = 8' 0"

OWNER(S):

For MANPRO EQUIPMENTS PVT LTD
Managing Director

ARCHITECT /LICENSED SURVEYOR

Ar.V. PRKASH, B.Arch.,
Regd. I.A.R. 22/G-1/008/2016,
40-43, 1st Floor, S.V.R. Pillai Street,
KANCHEEPURAM - 2.

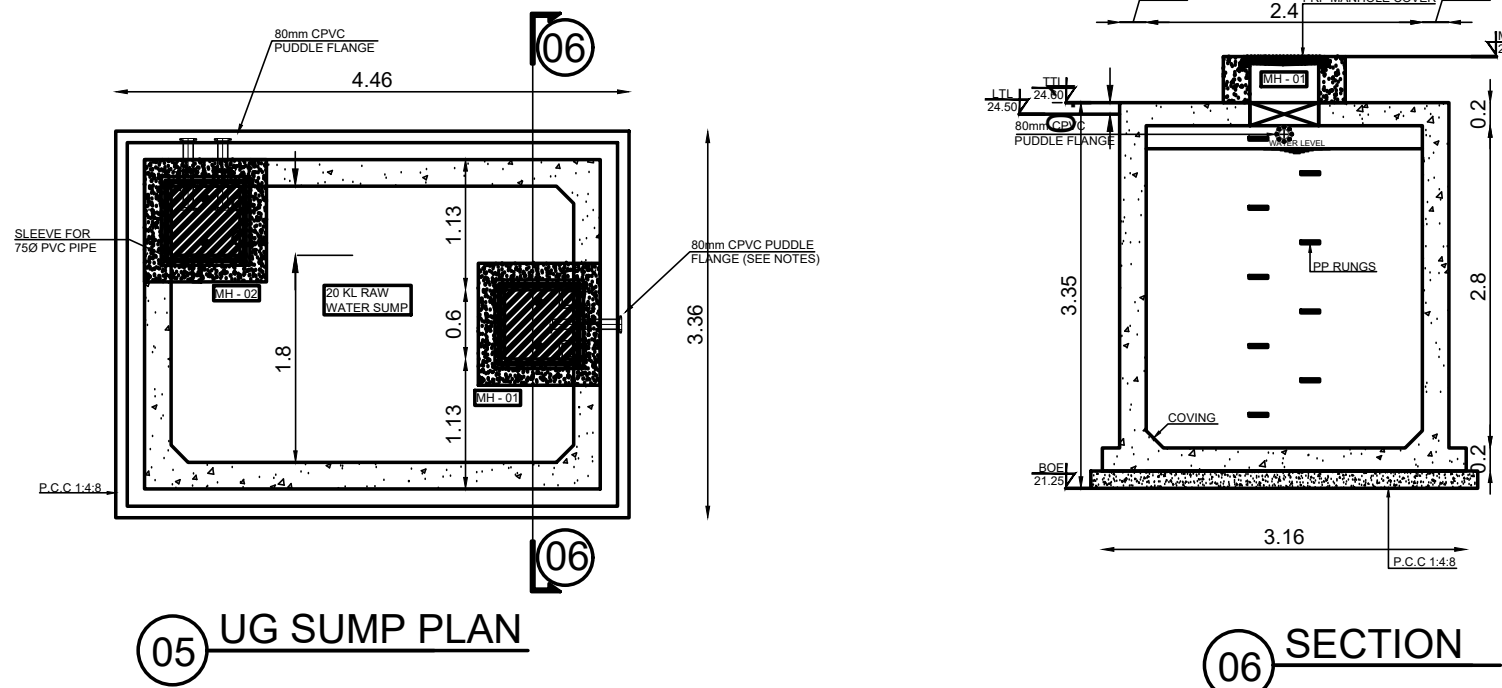
STRUCTURAL ENGINEER

Dr. M. SEKAR, M.E., Ph.D.,
PROFE. B.E.D.,
B.E.D. STRUCTURAL ENGINEER, GRADUATE,
B.TECH. Eng. Reg. No. 0903-1/004/004
FLOOR 3A, 3B, Kattappuram Kall Street,
KANCHEEPURAM - 2
Handwritten: M. Sekar
Mobile: + 91-988014320 / 984514287

SITE ENGINEER

SUJAYATHULLAH, S
Registered Construction Engineer Grade 1
Regd. No. CCE/CA/UR/CE/2019/08/003
Plot No. 527/1A, Kall Kattappuram Thakka Street,
Thiruvannamalai-606 011, Ph: 99598 57557
E-mail: sujayathullah7@gmail.com
Handwritten: S. Sujayathullah

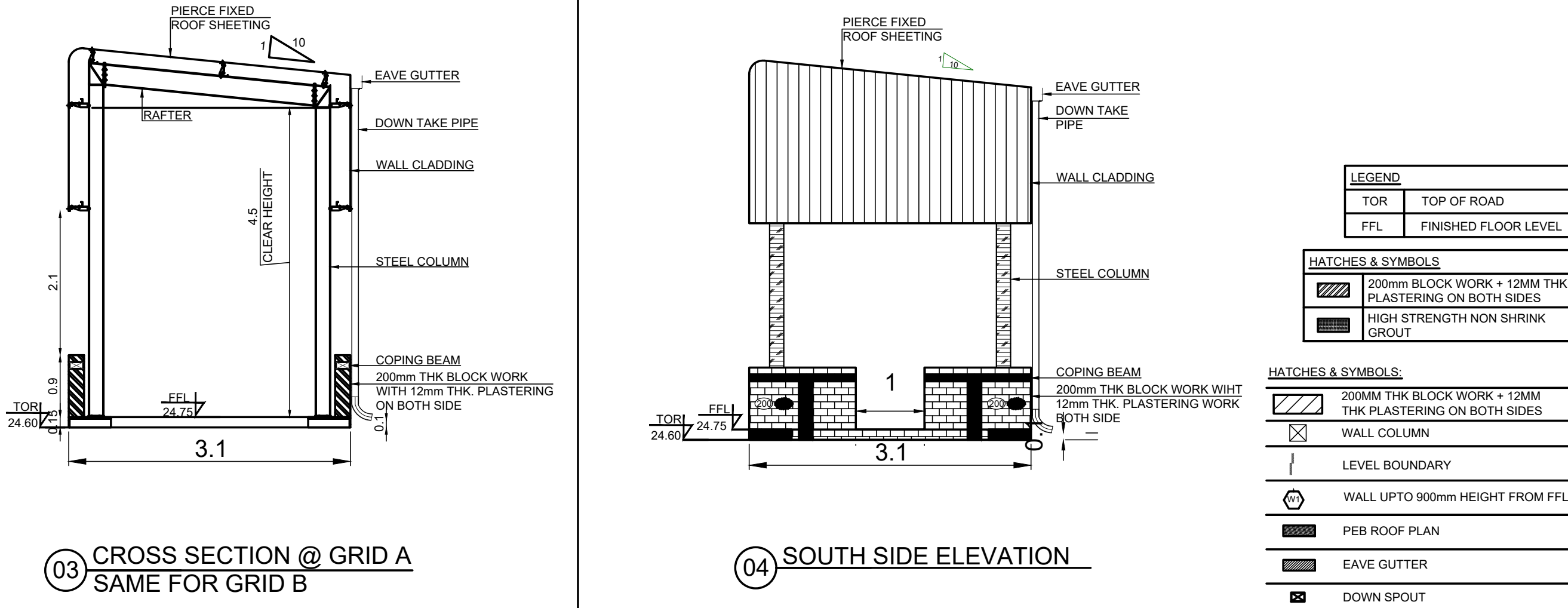
UG RAW WATER SUMP



UG SUMP PLAN

SECTION

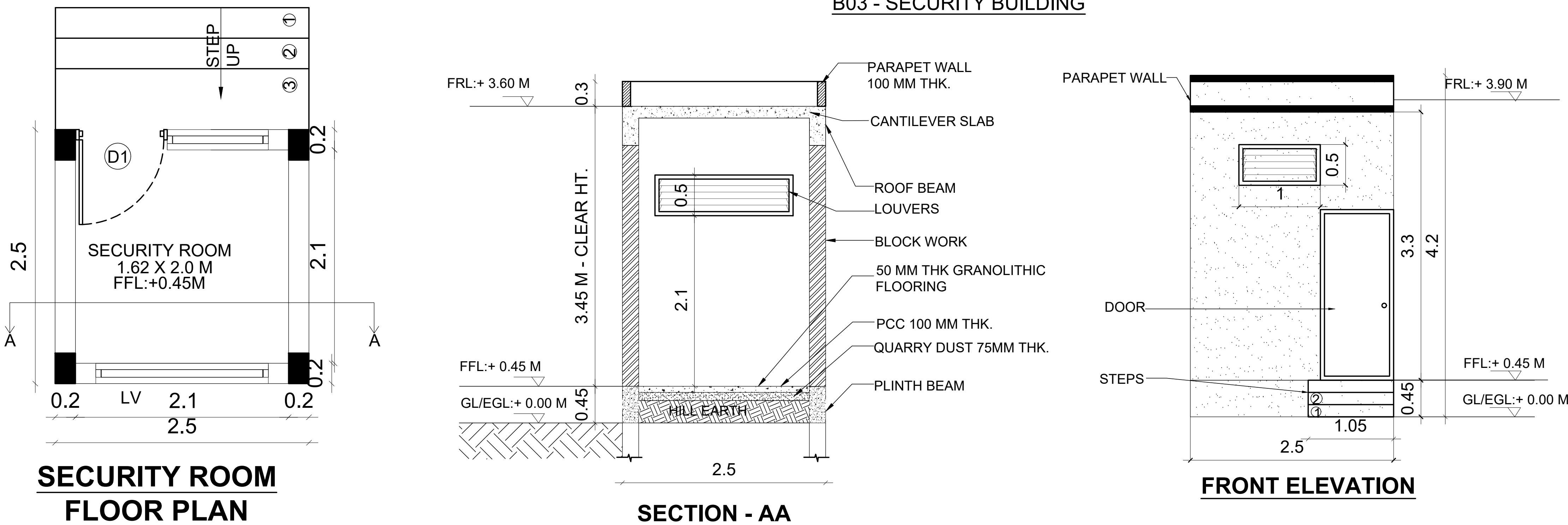
B04 - DM & RO PLANT



CROSS SECTION @ GRID A
SAME FOR GRID B

SOUTH SIDE ELEVATION

B03 - SECURITY BUILDING

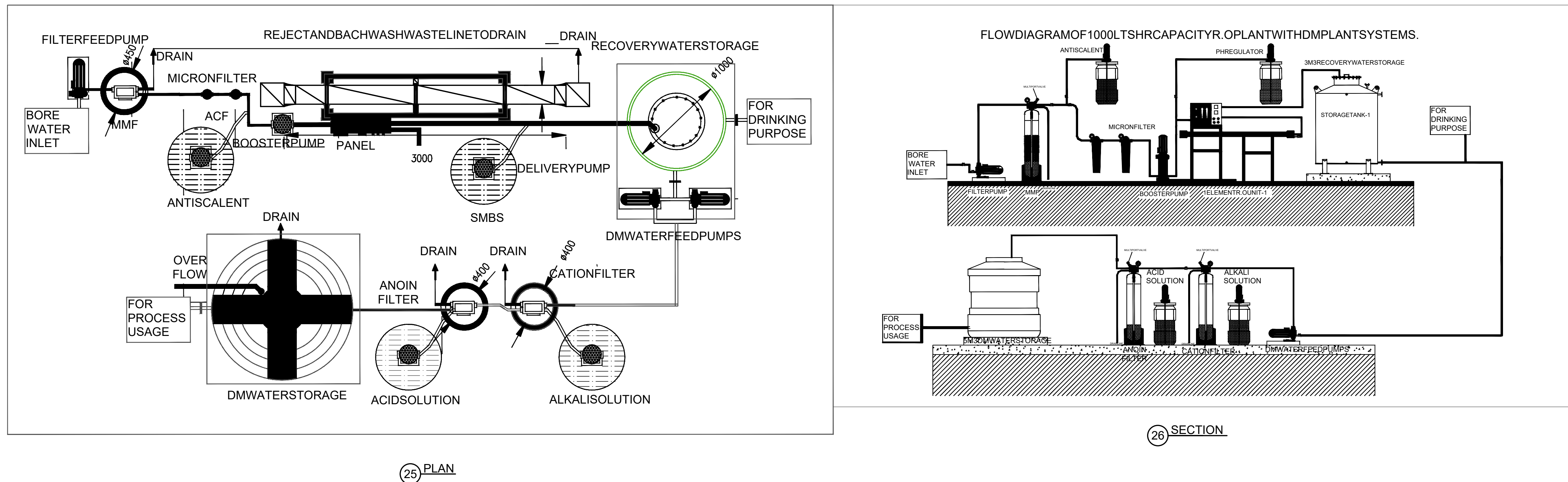


SECURITY ROOM
FLOOR PLAN

SECTION - AA

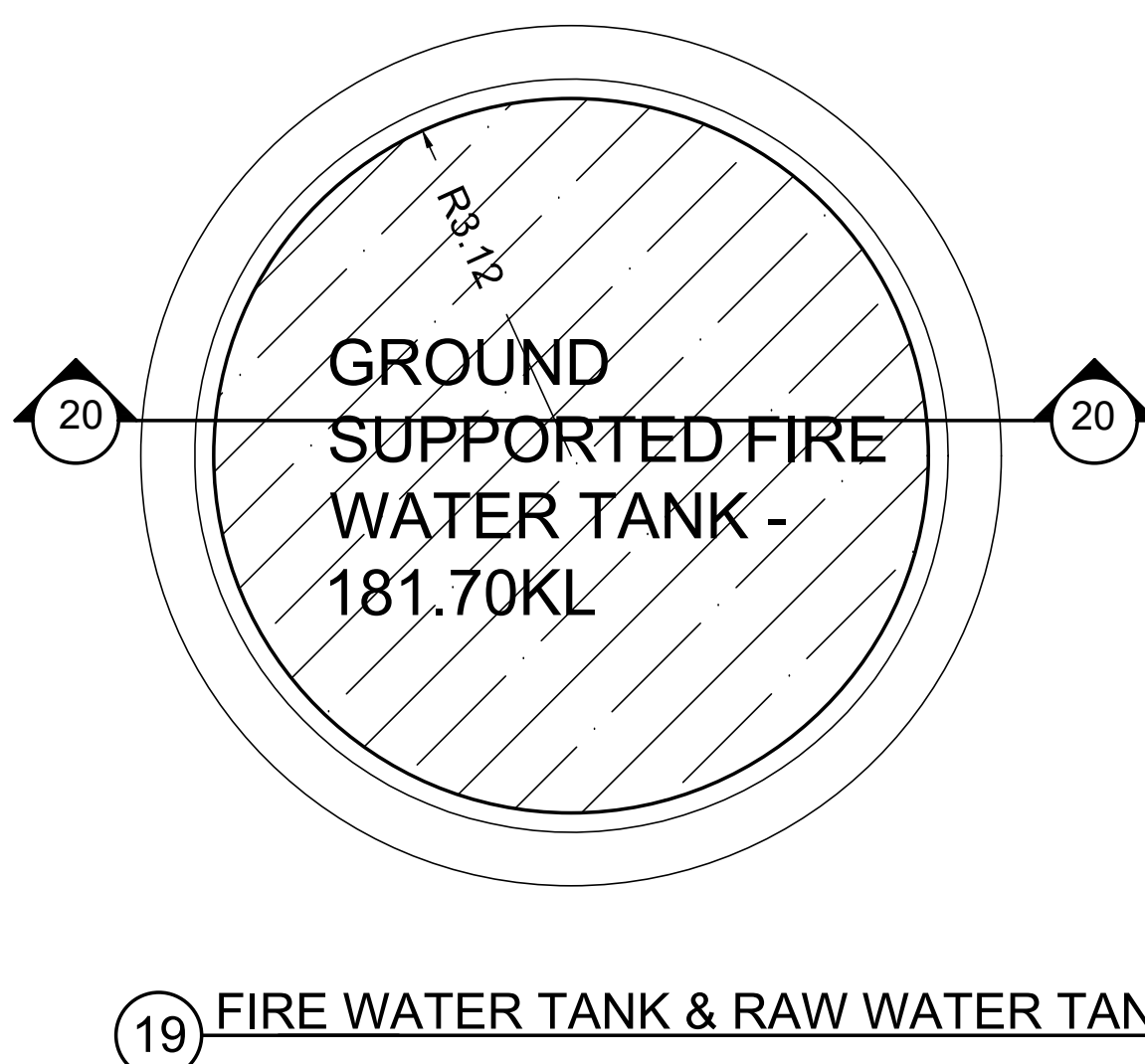
FRONT ELEVATION

DM & RO PLANT DETAIL

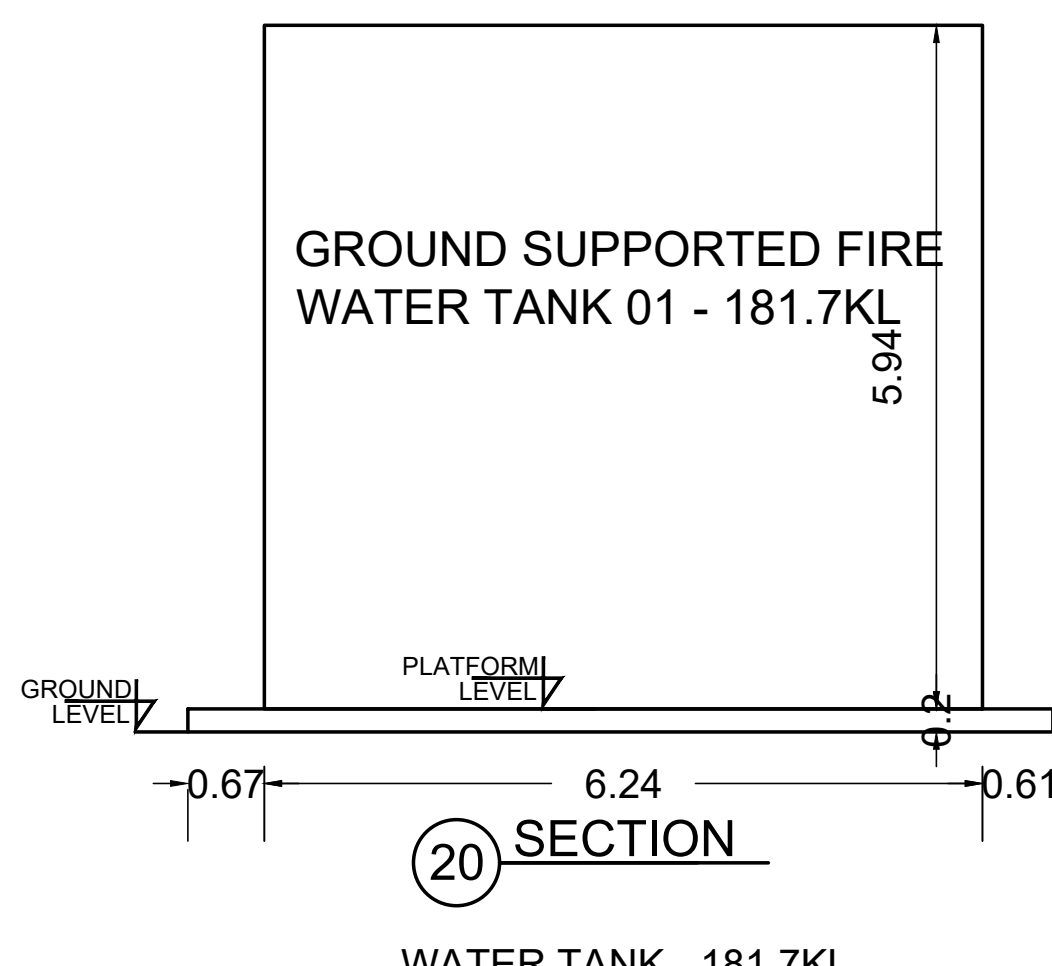


PLAN

SECTION

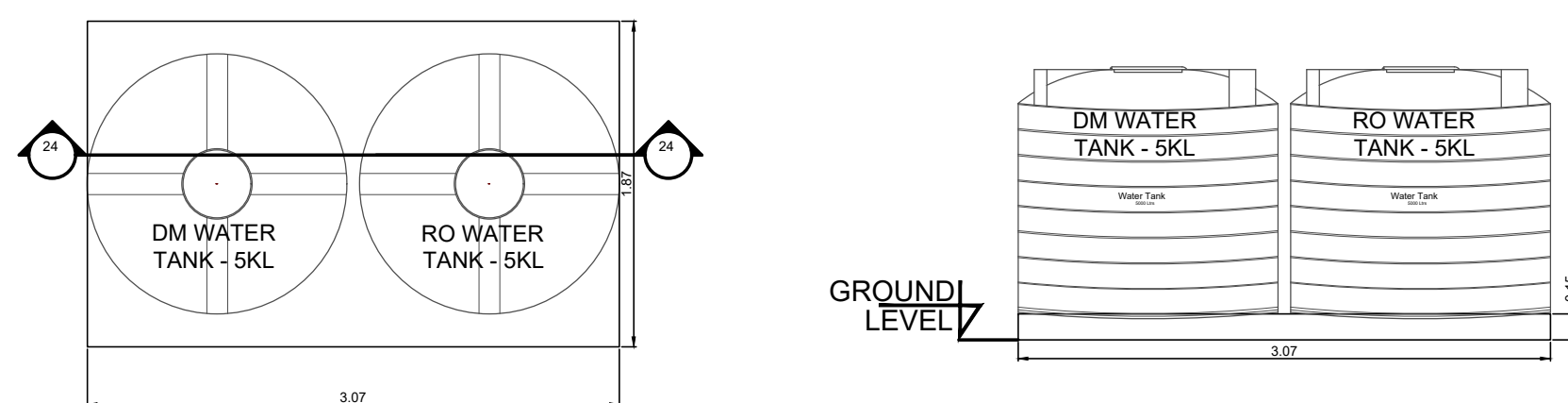


FIRE WATER TANK & RAW WATER TANK



SECTION

WATER TANK - 181.7KL



PLAN

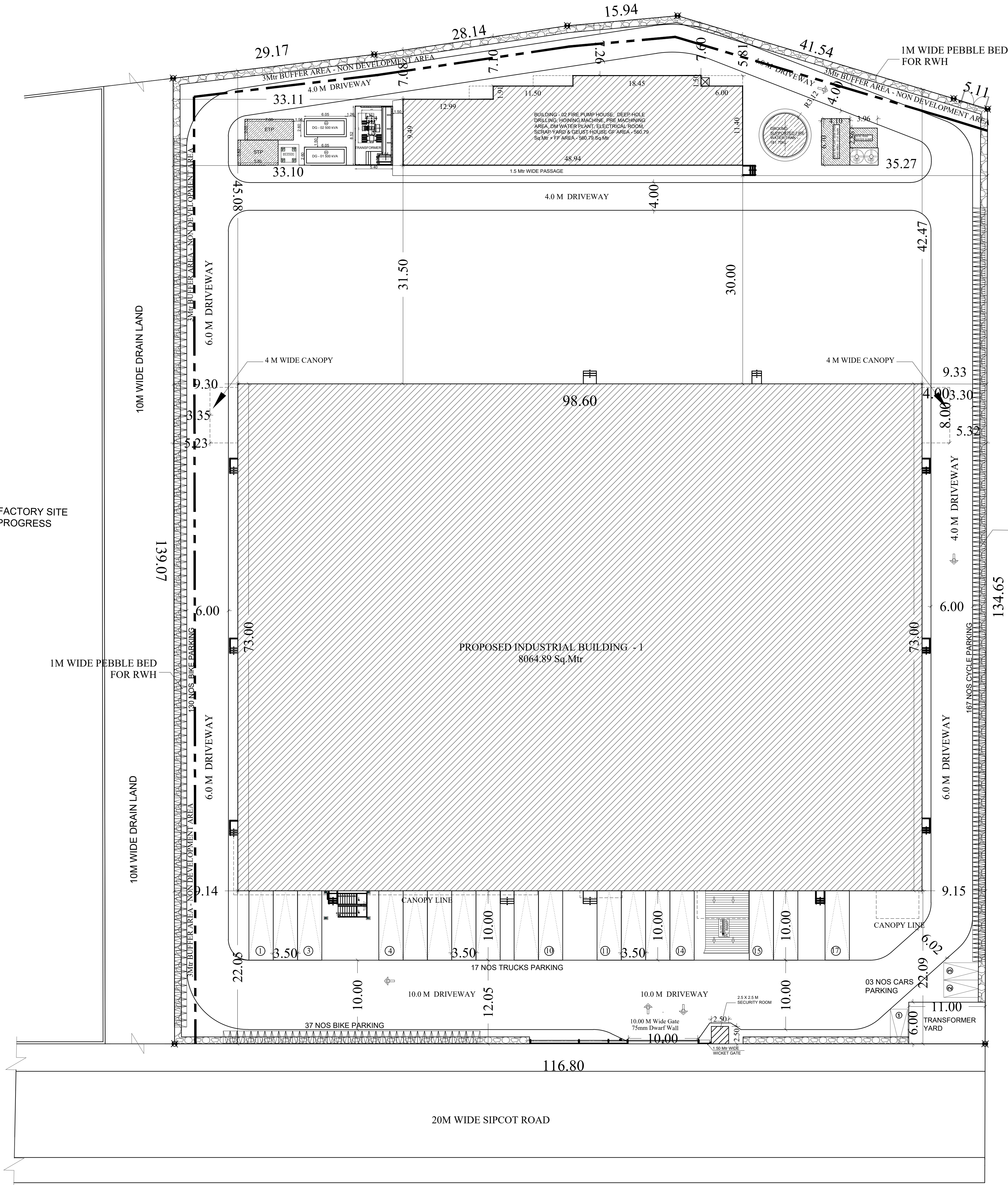
SECTION

DM & RO TANK PLATFORM DETAIL

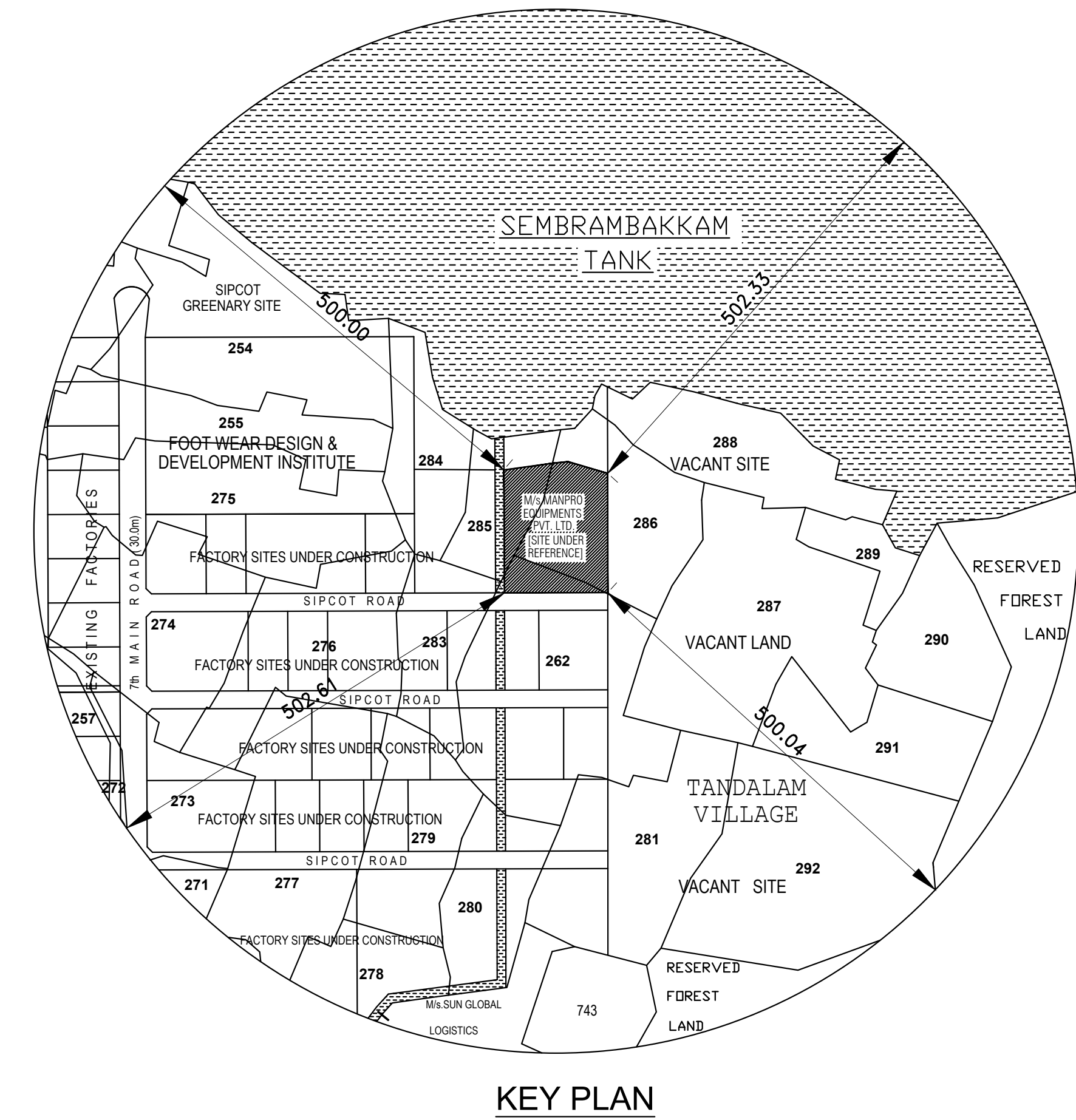
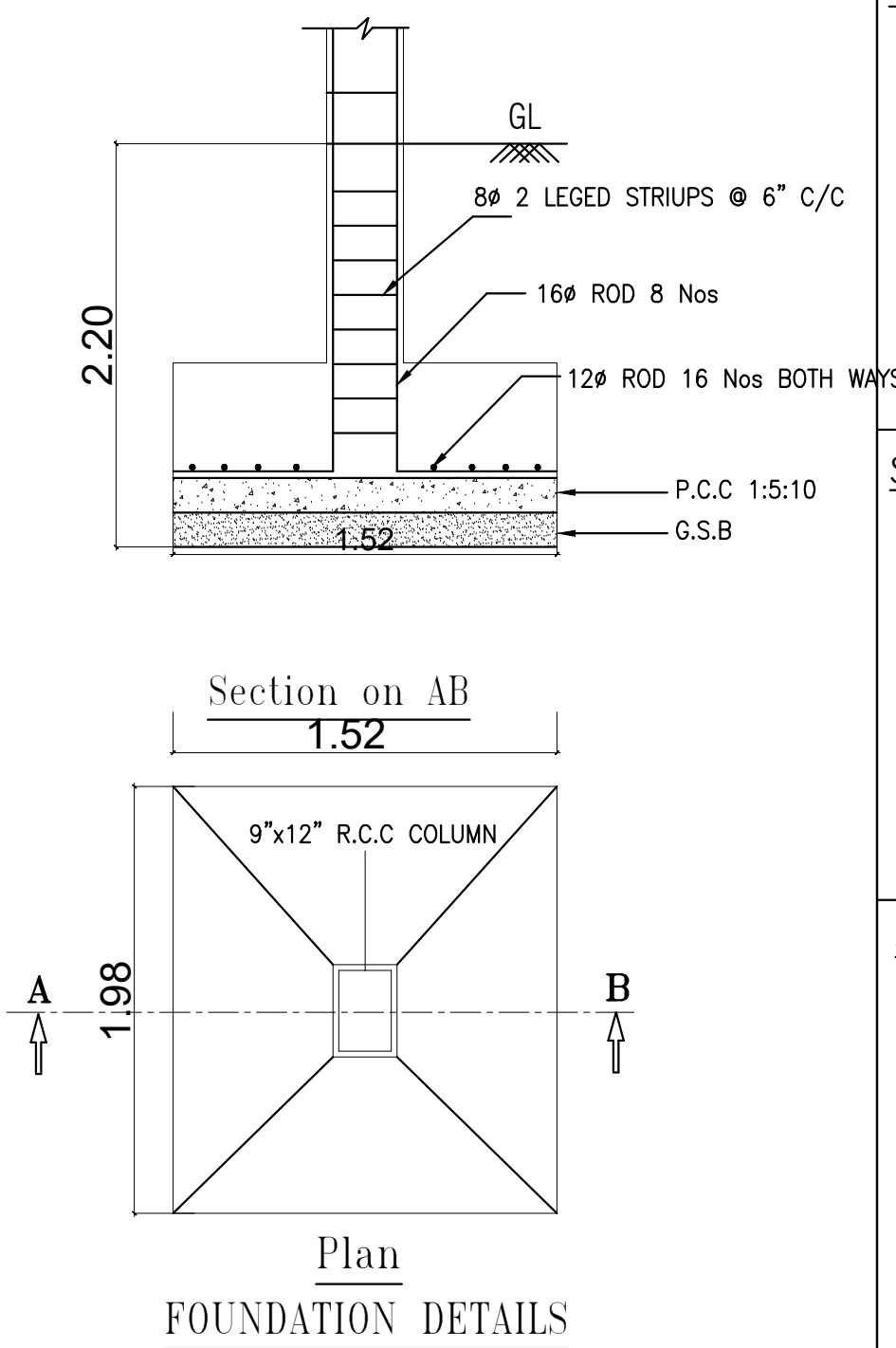
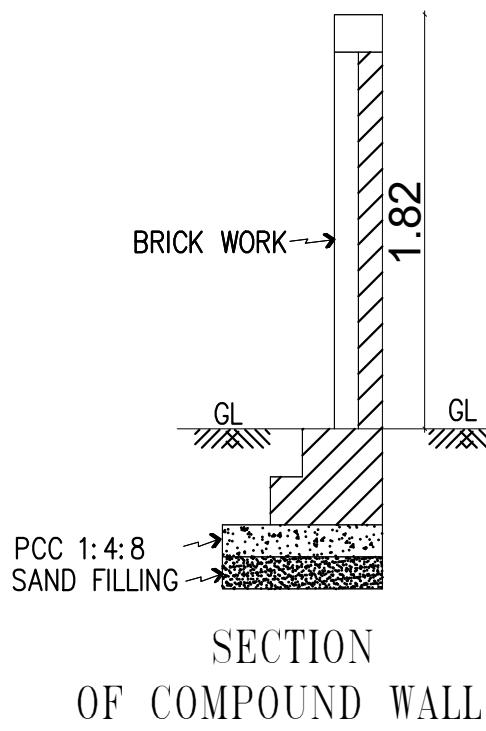
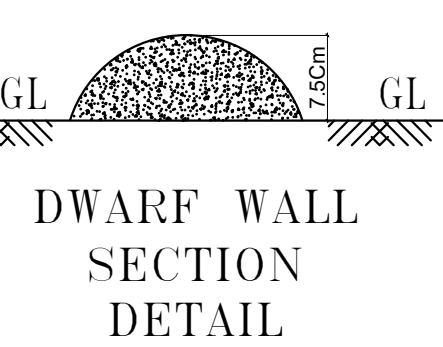
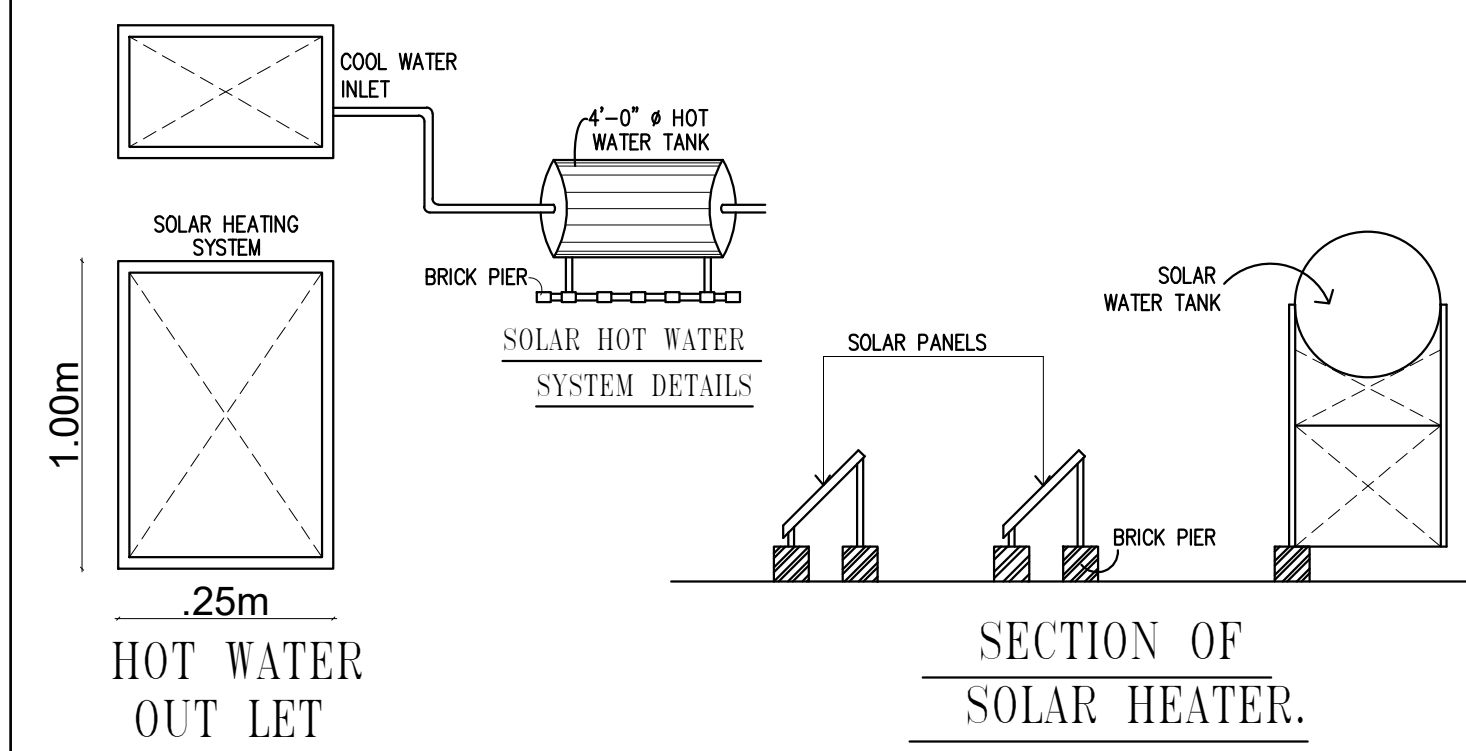
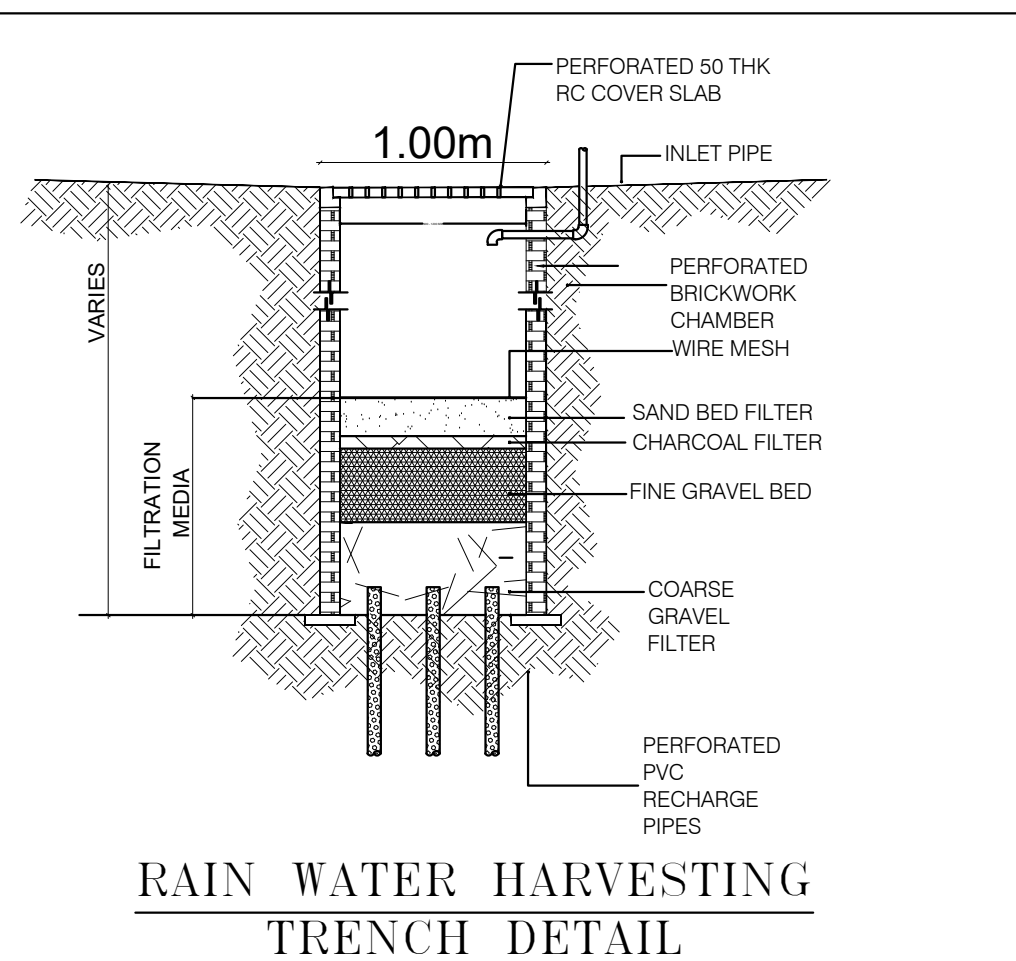
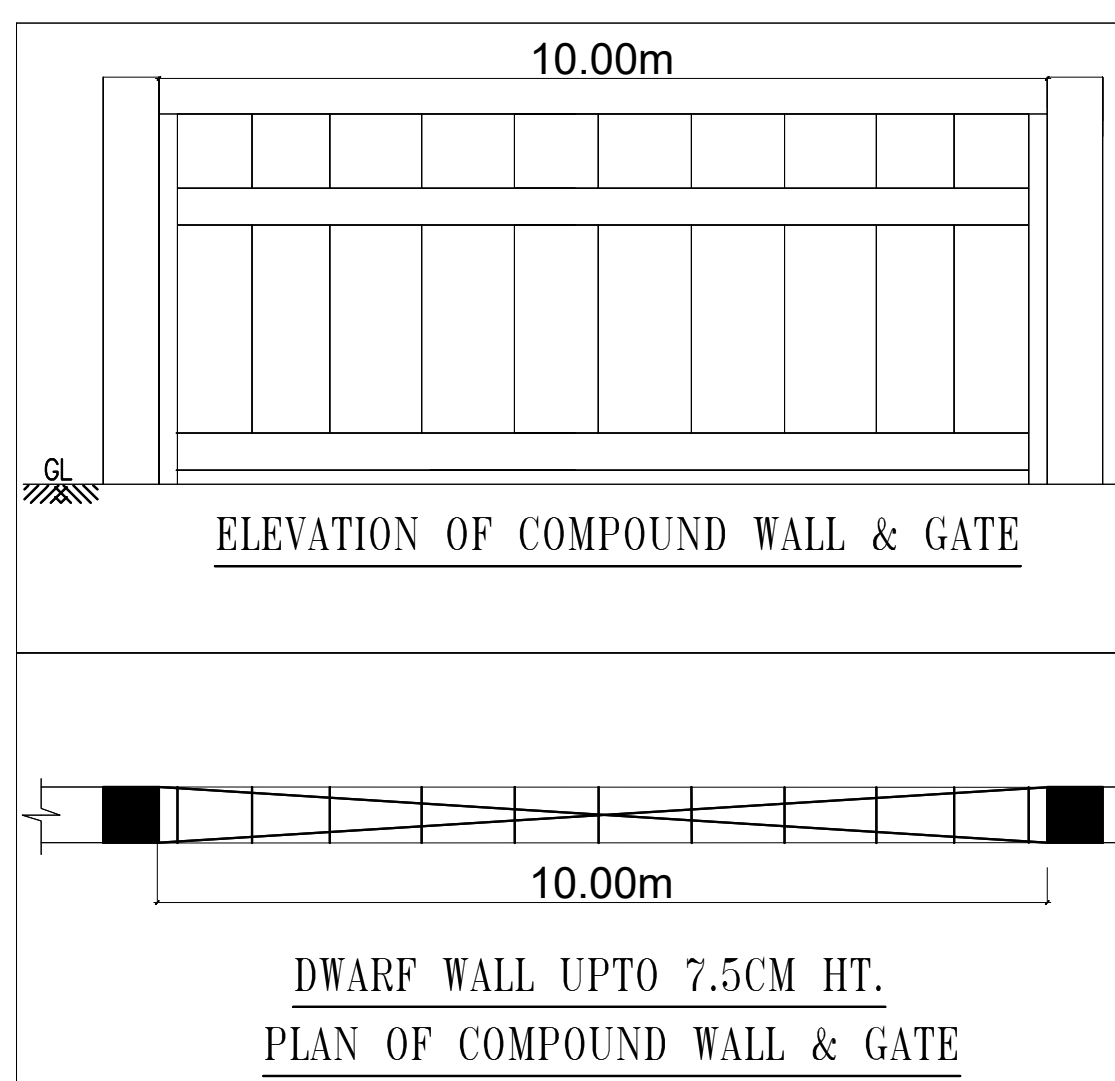
SCHEDULE OF JOINERIES FOR DOOR							
S.NO	LOCATION	ITEM CODE	TYPE	DESCRIPTION	DETAIL	MOC FOR FRAME	REMARKS
01	B03	D01	TYPE 01	SINGLE SWING DOOR	-	STEEL	1000x2100

SCHEDULE OF JOINERY FOR EXHAUST FAN WITH FIXED GLASS							
S.NO	LOCATION	ITEM CODE	TYPE	DESCRIPTION	DETAILS	MOC SIZE (BH) (mm)	QTY
01	B03	EF01+FG01	TYPE 01	EXHAUST FAN WITH FIXED GLASS	-	UPVC (2000x600)x300	01
02	B03	EF01+FG01	TYPE 01	EXHAUST FAN WITH FIXED GLASS	-	UPVC (300x600)x300	01

PLOT E-6 NEW FACTORY SITE
WORK UNDER PROGRESS



SITE PLAN
SCALE 1:100



SANITATION REQUIREMENTS FOR FACTORIES		
MENS	REQUIRED	PROVIDED
WATER CLOSET (From over 200 persons add at the rate of 2.5%)	05 Nos	05 Nos
URINALS (From over 200 persons add at the rate of 2.5%)	05 Nos	05 Nos
WOMENS	REQUIRED	PROVIDED
WATER CLOSET (3 for 41-57 persons)	03 Nos	03 Nos

SHEET NO:01/08

PLAN SHOWING THE PROPOSED CONSTRUCTION
OF INDUSTRIAL BUILDING
M/S. MANPRO EQUIPMENTS PVT LTD,
PLOT NO.E-6,SURVEY NO: 282PT, 283PT, 285PT,
286PT SIPCOT INDUSTRIAL PARK
IRUNGATTUKOTTAI, KATTERIPATTU VILLAGE,
SRIPERUMBUDUR TALUK,
KANCHEEPURAM DISTRICT,
SRIPERUMBUDUR PANCHAYAT UNION.

DRAWING TITLE:
SITE PLAN

SIPCOT Layout Approval No:104/2023

TNPGB-ORANGE CATEGORY,
MANUFACTURING OF HIGH PRECISION
COMPONENTS TO OIL, GAS & VALVE INDUSTRIES

1. MAN POWER DETAIL:
MALE : 230 PERSONS
FEMALE : 50 PERSONS

REFERENCE:

PROPOSED
ROAD
BOUNDARY

SCALE:
1 : 100
1" = 8' 0"

NORTH POINT:
N
W
E
S

AREA STATEMENT
AS PER PATTA = 16673.05 SQ.M
AS PER DOCUMENT = 16673.05 SQ.M

BLOCK NAME	FLOOR NAME	FSI AREA (SQ.M)	NON FSI AREA (SQ.M)	TOTAL BUILD UP AREA	BUILDING HT.
INDUSTRIAL BUILDING - 1	GROUND FLOOR	7378.40	-	-	13.95
	FIRST FLOOR (MEZZANINE)	289.43	-	7668.83	13.95
INDUSTRIAL BUILDING - 2	GROUND FLOOR	589.79	-	1130.58	13.95
	FIRST FLOOR (CANTINEEN SPACE)	589.79	-	-	-
SECURITY BUILDING	GROUND FLOOR	-	06.25	06.25	-
HT. YARD	GROUND FLOOR	-	66.00	66.00	-
TRANSFORMER	GROUND FLOOR	-	45.99	45.99	-
DG01 & DG02	GROUND FLOOR	-	31.46	31.46	-
DG STACK	GROUND FLOOR	-	9.00	9.00	-
STYL RAW WATER PUMP	GROUND FLOOR	-	11.32	11.32	-
GROUND SUPPORTED FIRE WATER TANK	GROUND FLOOR	61.23	-	61.23	-
GROUND SUPPORTED DM & RO WATER TANK	GROUND FLOOR	10.20	-	10.20	-
STP	GROUND FLOOR	-	21.00	21.00	-
ETP	GROUND FLOOR	-	21.00	21.00	-
BM DM & RO WATER PLANT	GROUND FLOOR	27.47	-	27.47	-
TOTAL		8,876.31	212.02	9088.33	

PLOT COVERAGE = 49.34 %
FSI 8876.31 / 16673.05 = 0.532

PARKING	REQUIRED	PROVIDED
LORRY PARKING	17	17
CAR PARKING	02	03
TWO WHEELER PARKING	167	167
CYCLE PARKING	167	167

EQUIPMENT DETAILS:
ID.NO NAME OF THE MACHINE NO. OF MACHINES
65 DG - 500 KVA 2.00

EQUIPMENT DETAILS:
S.NO DESCRIPTION TOTAL H.P
01 SHEET NO 002/008 1907.532
02 SHEET NO 003/008 40.00
03 SHEET NO 006/008 440.19
TOTAL IN HP 2387.722

OWNER(S):
For MANPRO EQUIPMENTS PVT LTD
Managing Director

ARCHITECT /LICENSED SURVEYOR
A.V. PRAKASH, B.Arch.,
Regd. LPA: RA/Ca-1/003/2018,
40-AB, 1st Floor, S.V.N Pillai Street,
KANCHIPURAM - 2.

STRUCTURAL ENGINEER
M.O.M.
Dr. M. SEKAR, M.E., Ph.D.,
(PRISTE, REGD.)
REGD. STRUCTURAL ENGINEER, GRADE-4,
DPCC Reg. No. SE/76-1/003/2001
PLOT No. 25, Kastalapuram Kall Street,
KAYEEDURAM - 2, S.W.,
Rangpet Dt. TamilNadu, India.
Mobile: +91-9449214626 / 9645146287.

SITE ENGINEER
S. Sujayathullah S
Registered Construction Engineer Grade 1
Regd. No: COLR/ENR/CE/2818/08/003
Regd. No: COLR/ENR/CE/2818/08/003
Plot No. 52/12R, Kal Kuthal Thakka Street,
Thesampattur-606 601, Ph: 86956 57507
E-mail: s.sujay77@gmail.com