

PLAN SHOWING THE PROPOSED CONSTRUCTION OF
GARMENT INDUSTRY IN S.NO. 254/2B1, 254/2B2 AND
256/3A AT THIRUPPULIVANAM VILLAGE,
UTHIRAMERUR TALUK, THIRUPPULIVANAM PANCHAYAT,
UTHIRAMERUR PANCHAYAT UNION,
KANCHEEPURAM DISTRICT.

INDUSTRIAL CATEGORY : GREEN CATEGORY
MANUFACTURING : TAILORING AND GARMENT MAKING
ASPER TNCDBR - 2019 RULE 36 ANNEXURE-VI, S.NO.8.

NOTE:-

1. ALL DOORS AND WINDOWS ARE OPEN OUTWARDS
2. SILL LEVEL OF WINDOW IS BELOW 1.00m.
3. DISTANCE BETWEEN M.C. AND JOINERY IS 1.20m.
4. ALL DIMENSIONS ARE IN "M"

MACHINERY DETAILS

SNO.	DESCRIPTION	TOTAL HP
1	SINGLE NEEDLE MACHINE - 46 NOS X 0.33	15.18
2	KANSAI MACHINE - 4 NOS X 0.50	2.00
3	OVER LOCK - 15 NOS X 0.33	4.95
4	GENSET 125 KVA (STAND BY)	-
5	KAJA MACHINE	0.25
6	BUTTON MACHINE - 2 NOS X 0.25	0.50
7	IRONING TABLE - 6 NOS X 1.50	9.00
8	FLAT LOCK MACHINE	1.00
9	FUSING MACHINE	12.00
10	EDGE CUTTER MACHINE- 4 NOS X 0.50	0.50
11	CUTTING MACHINE - 4 NOS X 1.00	4.00
12	BAND KNIFE MACHINE	3.00
13	STEAM BOILER - 2 NOS X 10.00	20.00
TOTAL HP		72.38

JOINERY DETAILS

RS	ROLLING SHUTTER	4.00 X 4.58
RS1	ROLLING SHUTTER	3.36 X 3.66
GD	GRILL DOOR	1.22 X 2.14
DD	DOUBLE DOOR	1.22 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	1.22 X 1.52
W1	WINDOW	1.22 X 1.52
W2	WINDOW	0.91 X 1.22
GW	GLASS WINDOW	1.52 X 1.22
GW1	GLASS WINDOW	0.91 X 1.22
V1	VENTILATER	0.61 X 0.61
MECHANICAL VENTILATION PROVIDED		

COLOUR REFERENCE

	PROPOSED BUILDING
	EXG. ROAD
	SITE BOUNDARY

SCALE - 1:100

OWNER SIGNATURE

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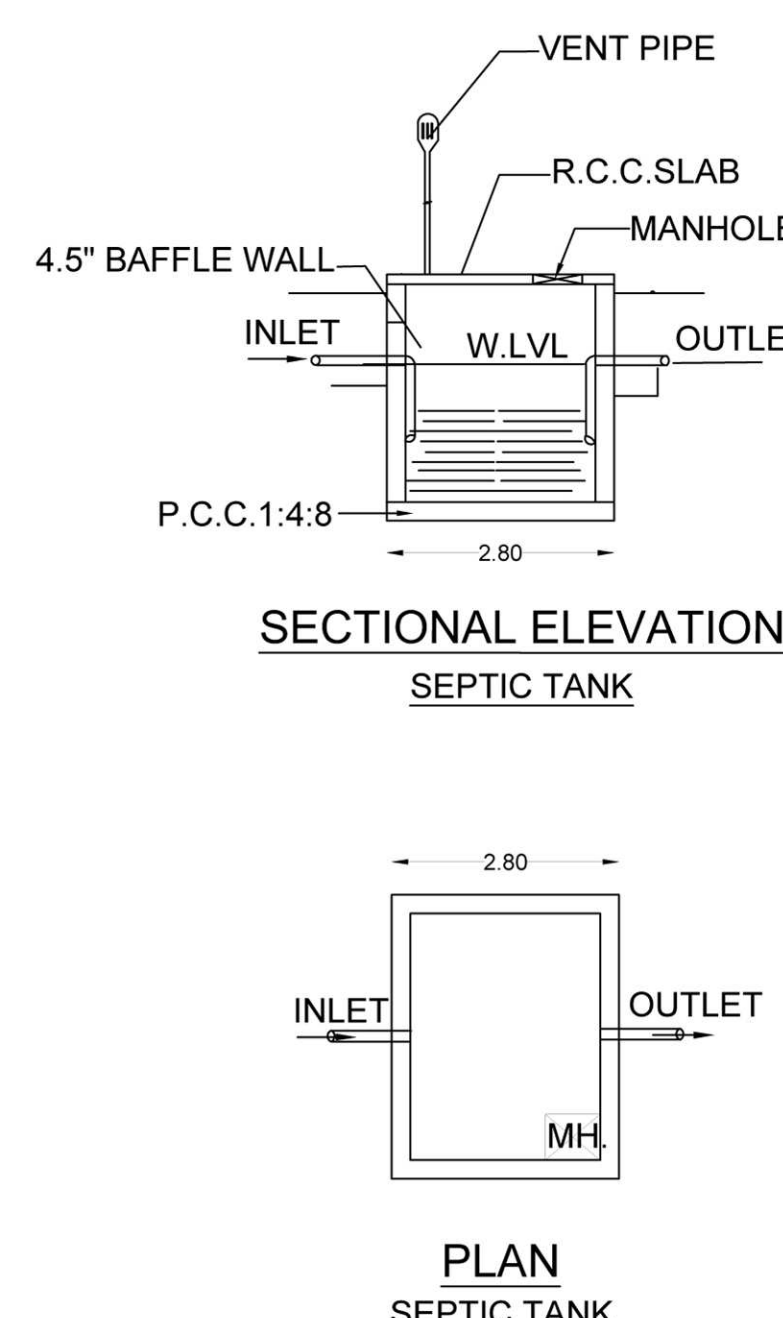
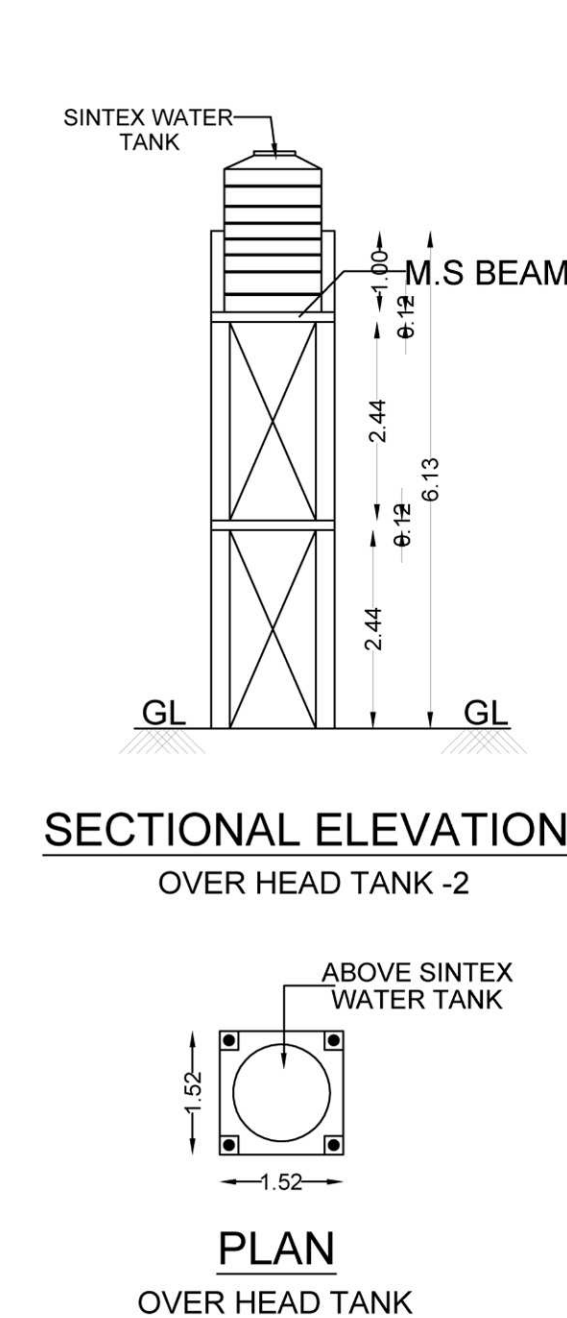
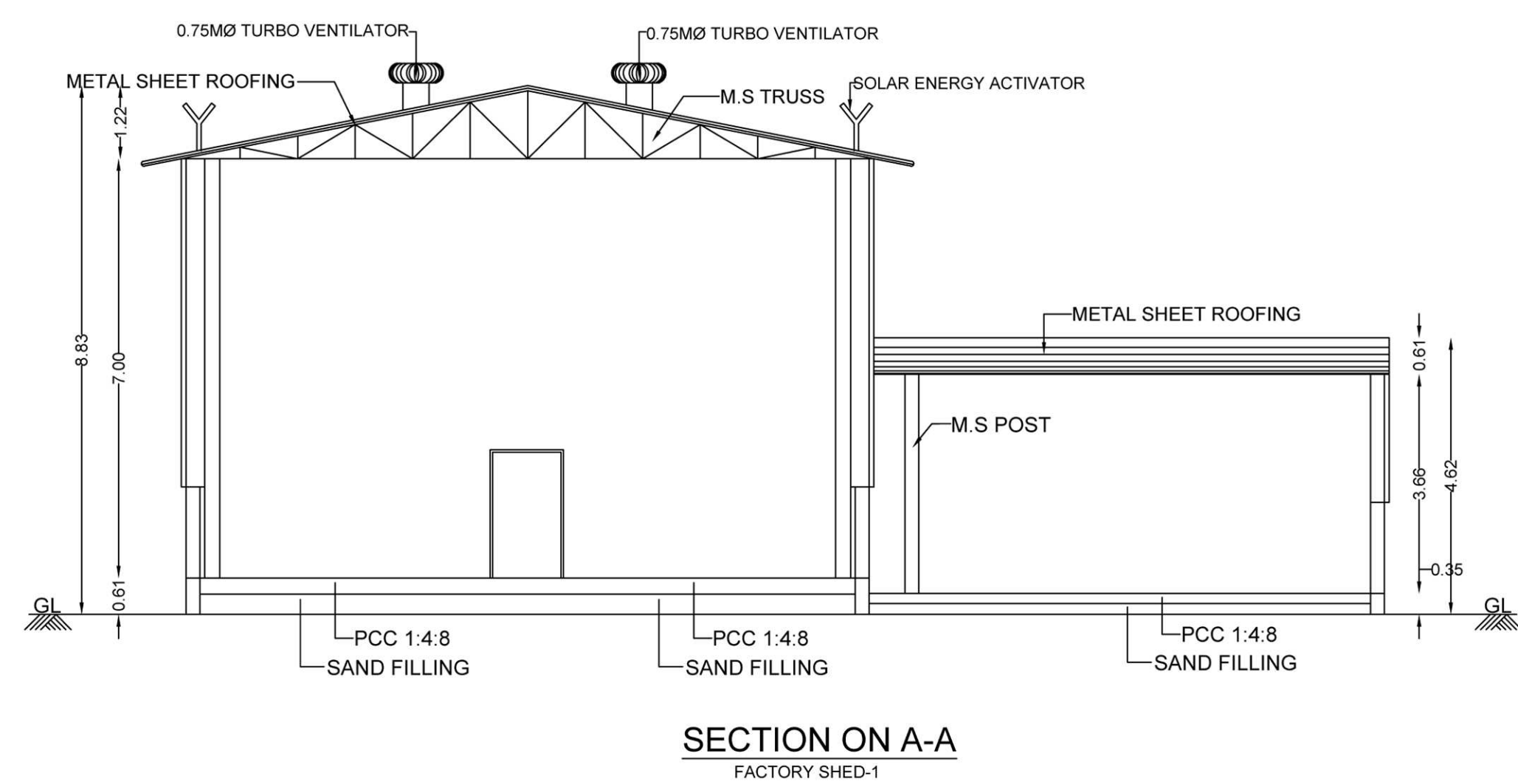
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REGISTERED GEO-TECHNICAL ENGINEER

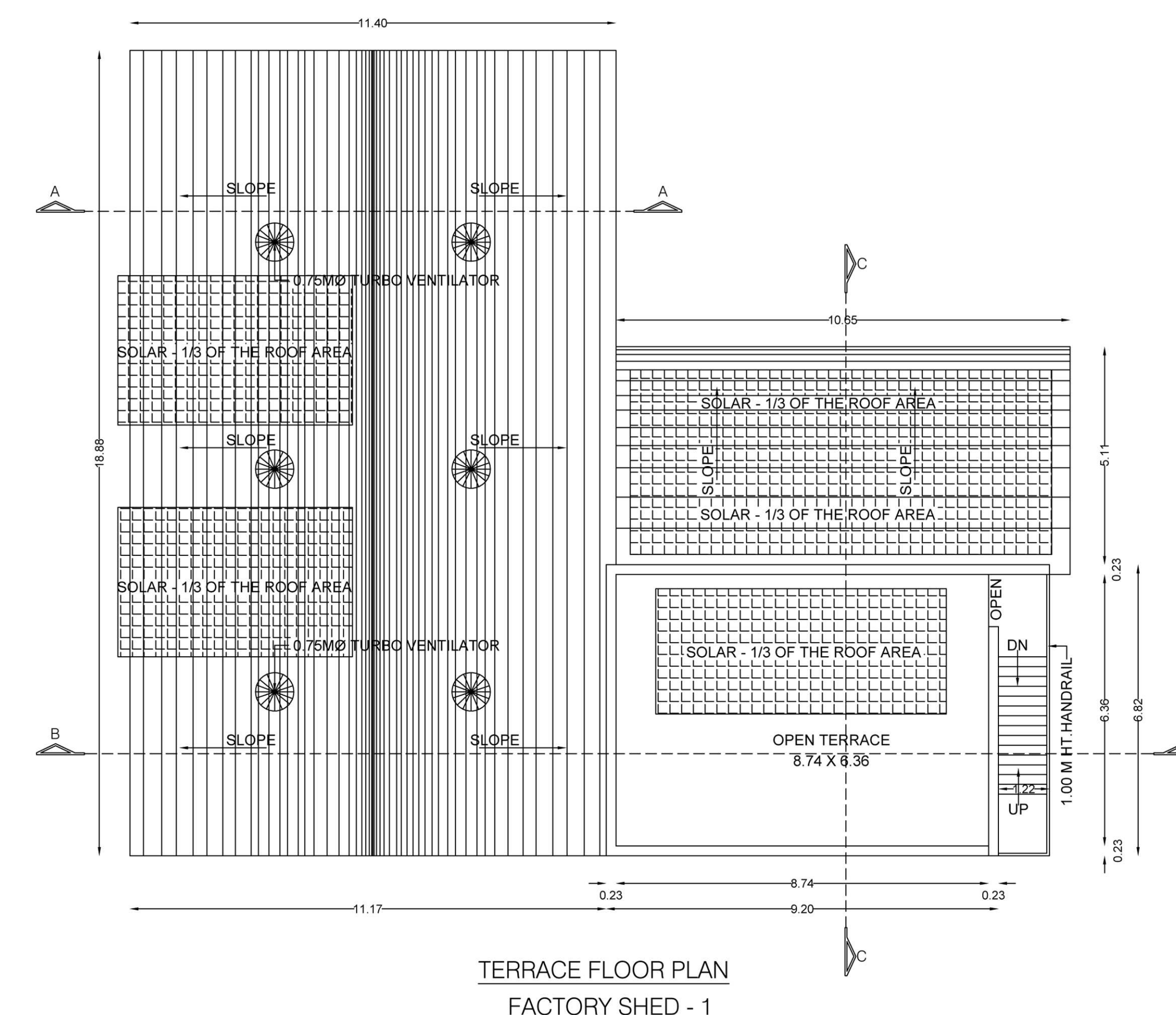
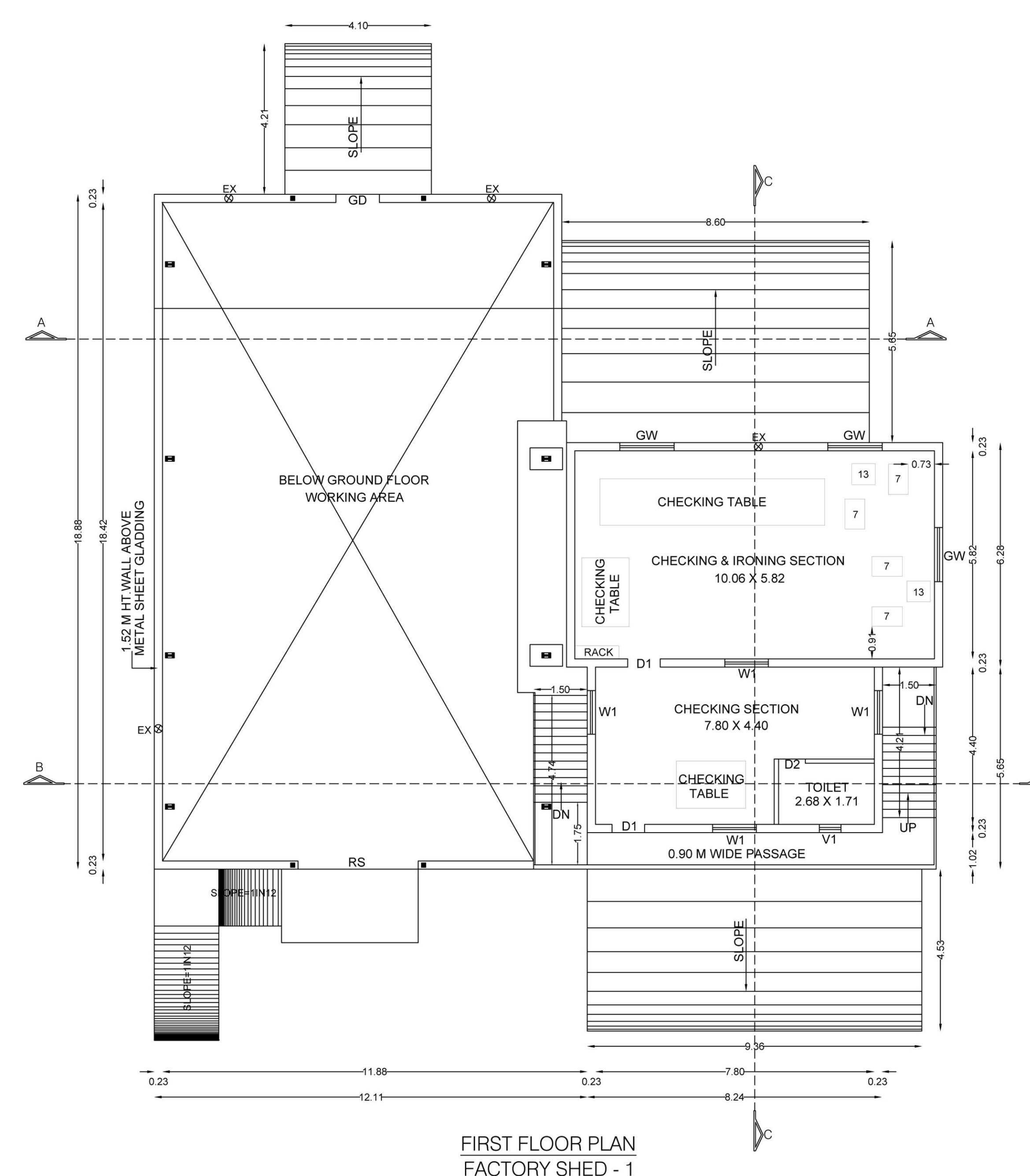
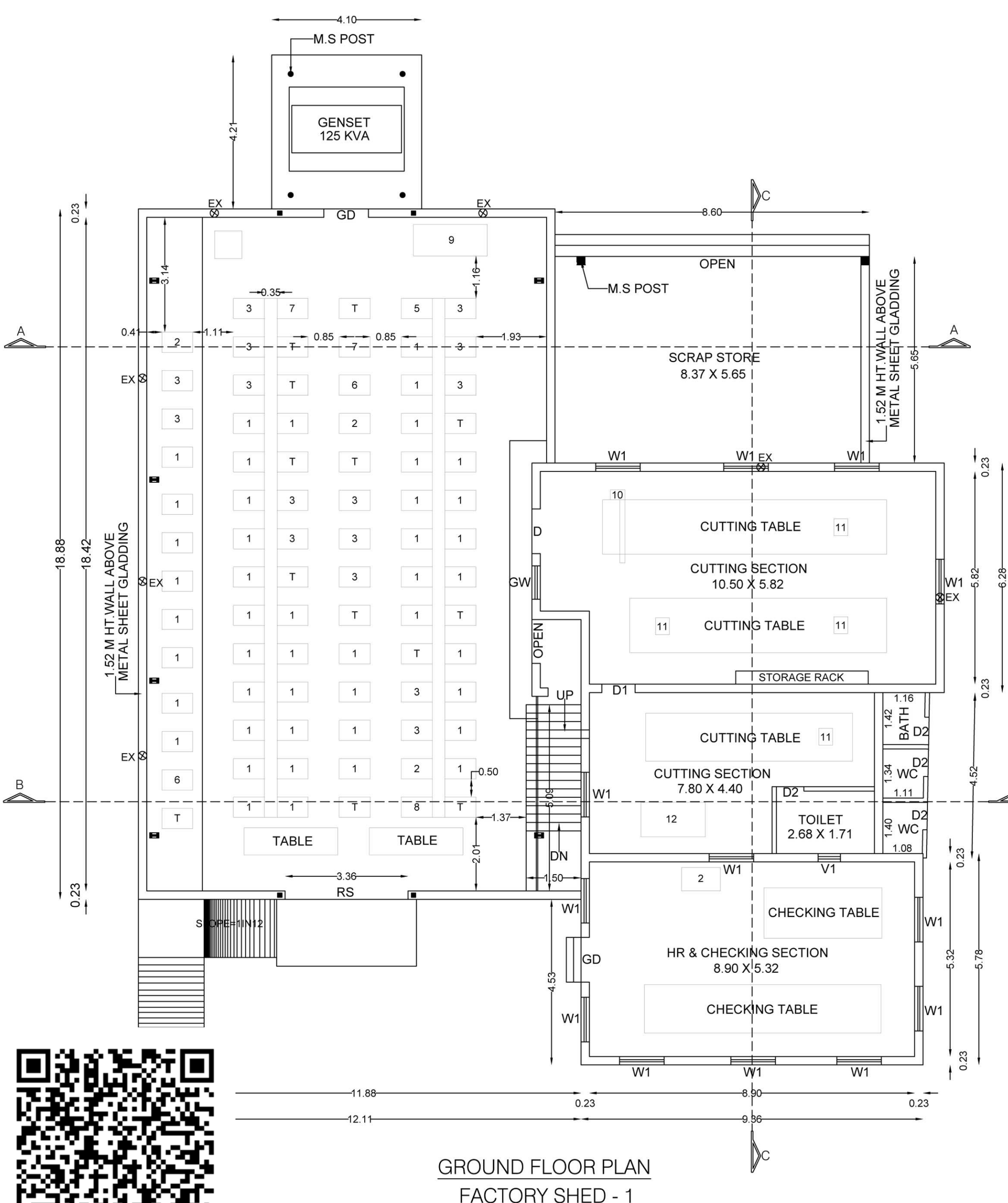
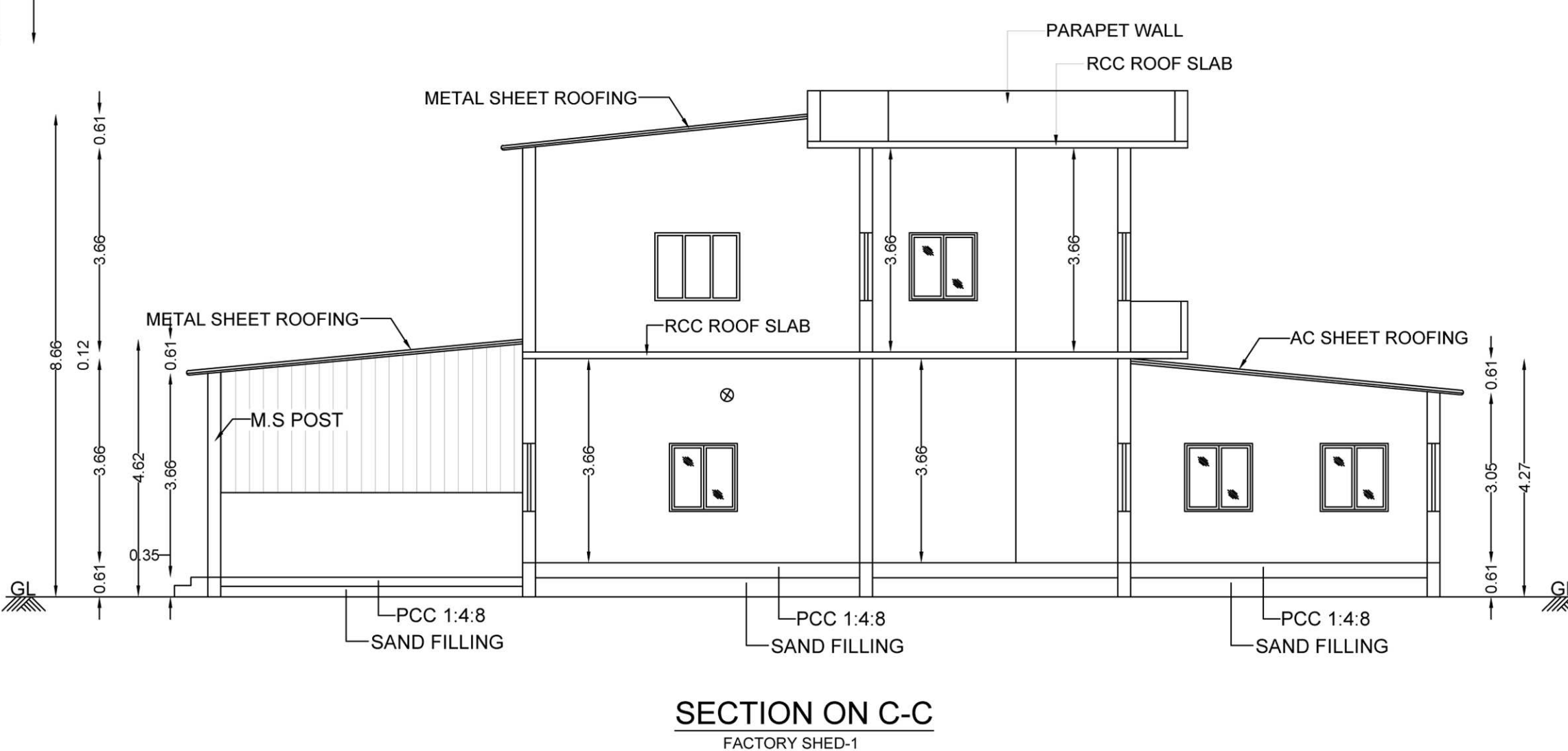
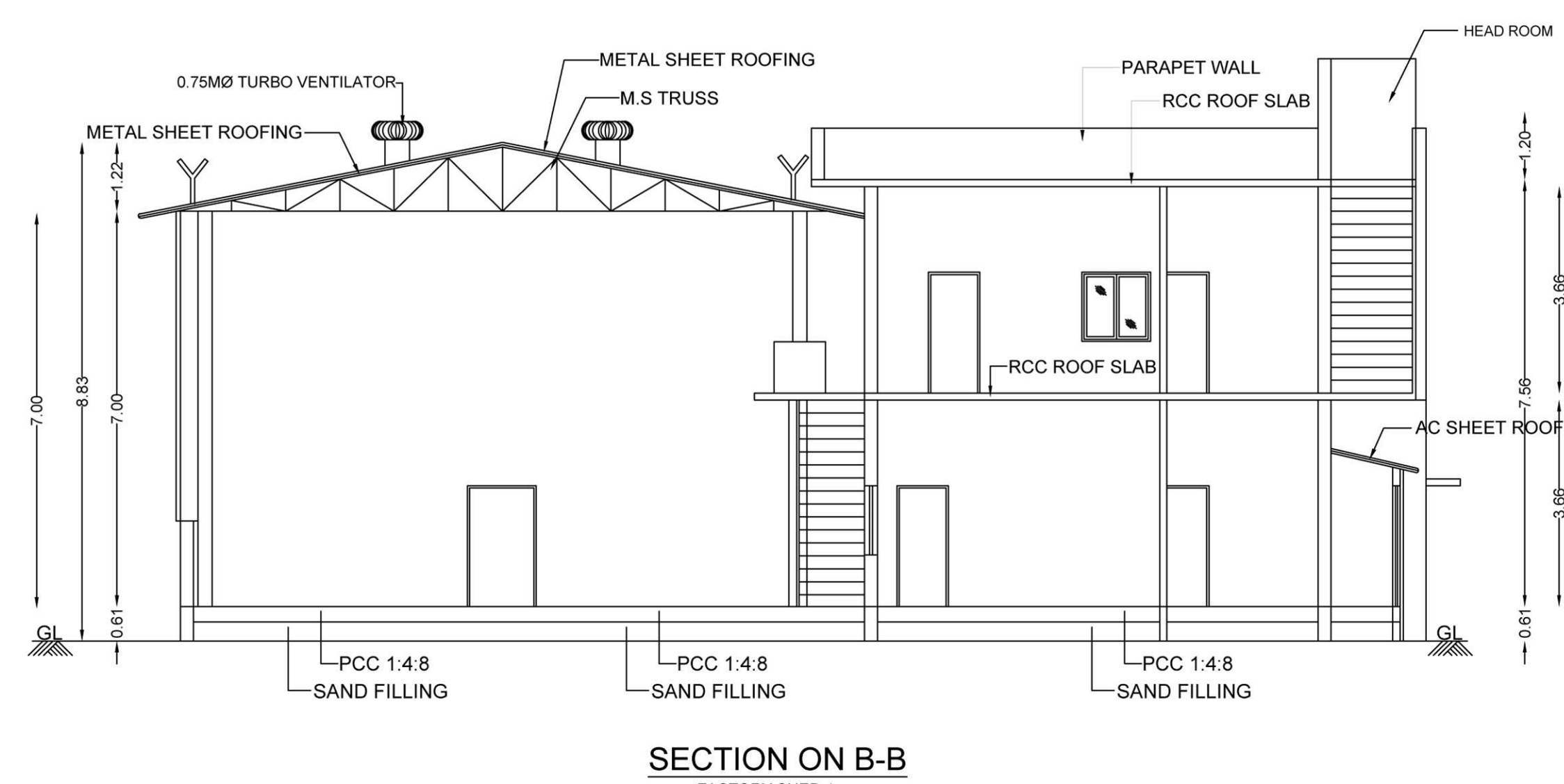
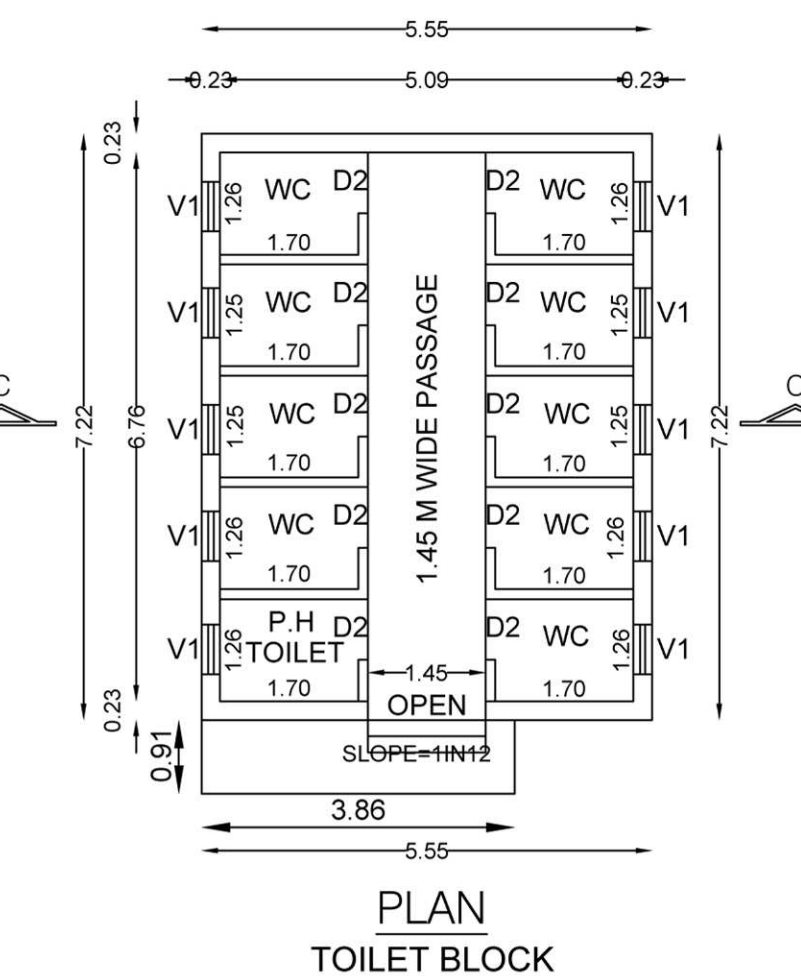
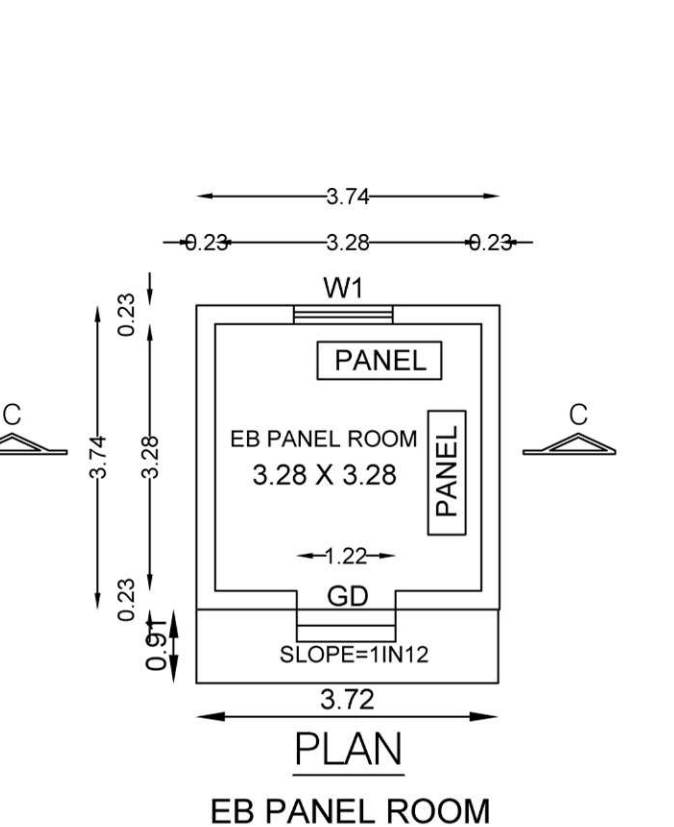
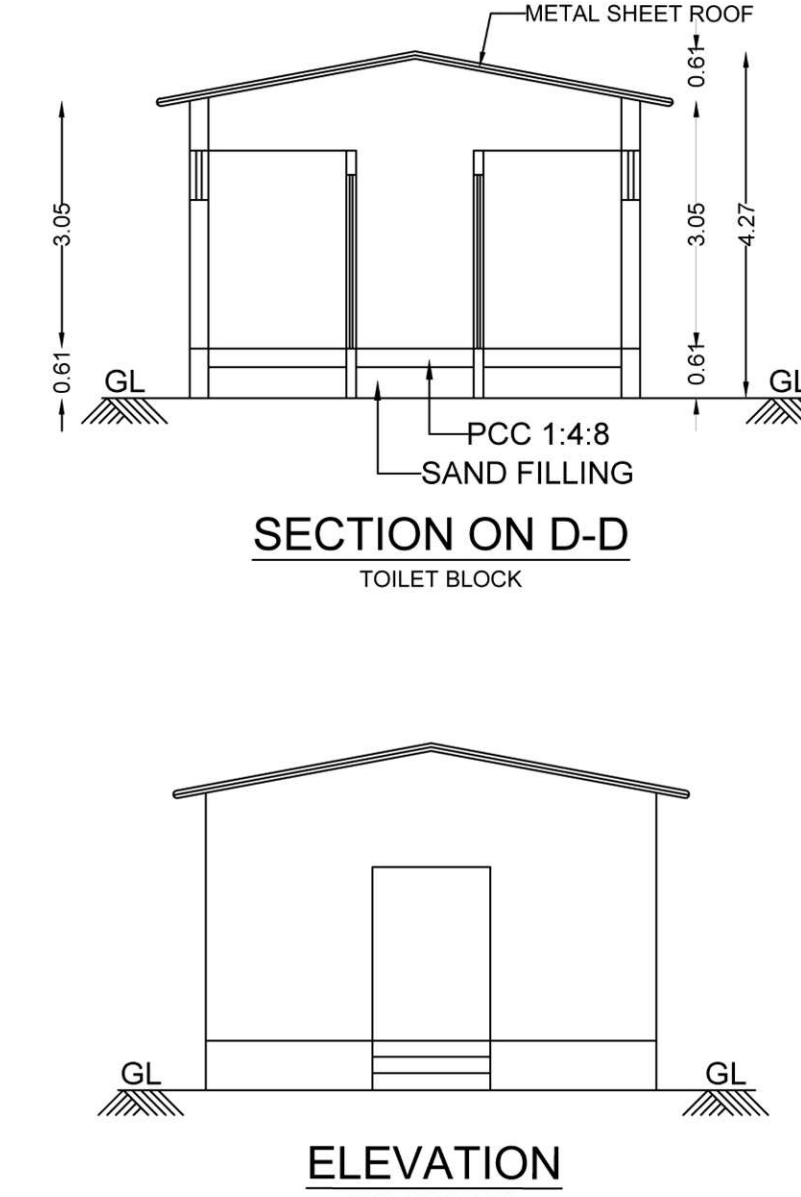
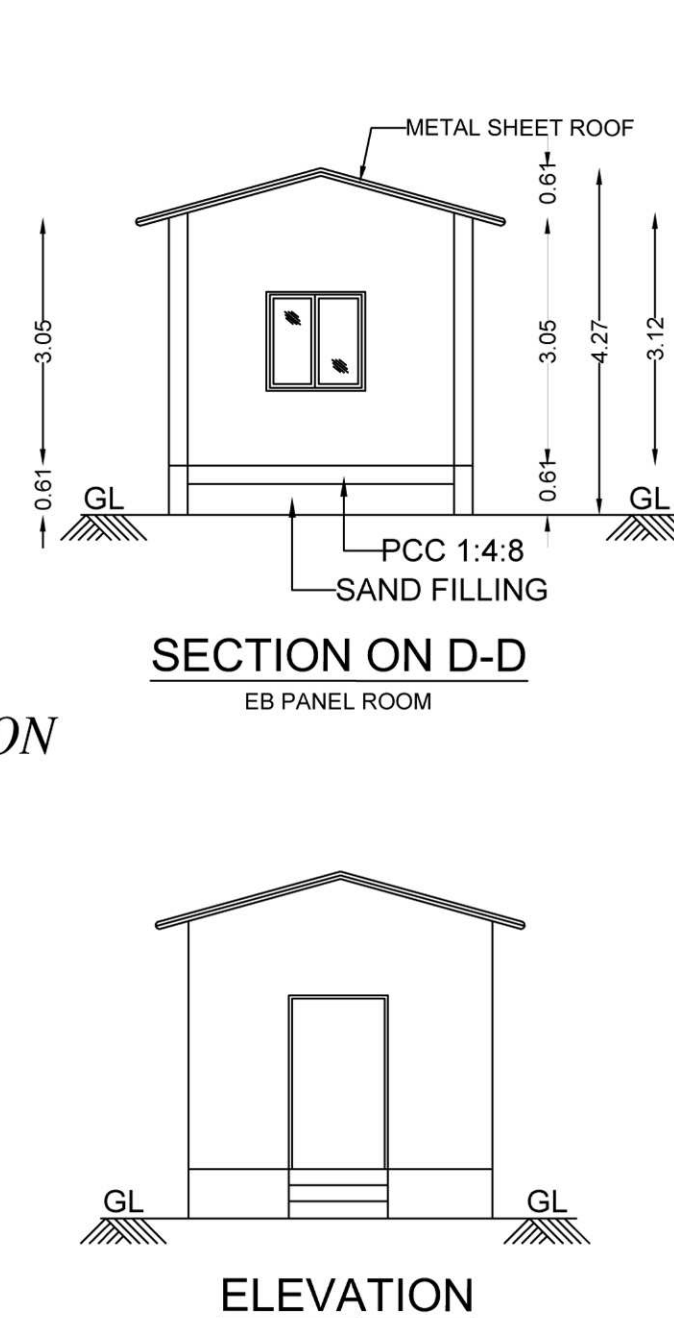
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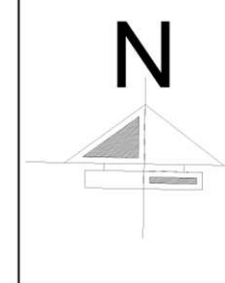
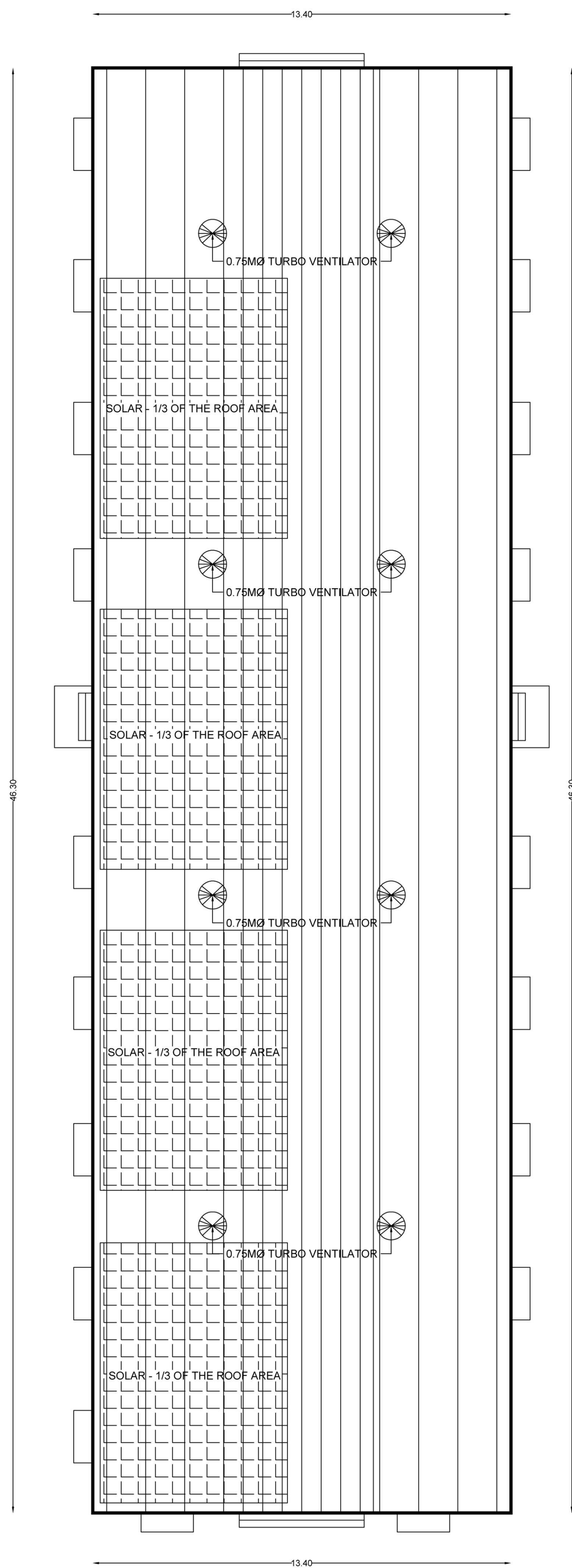
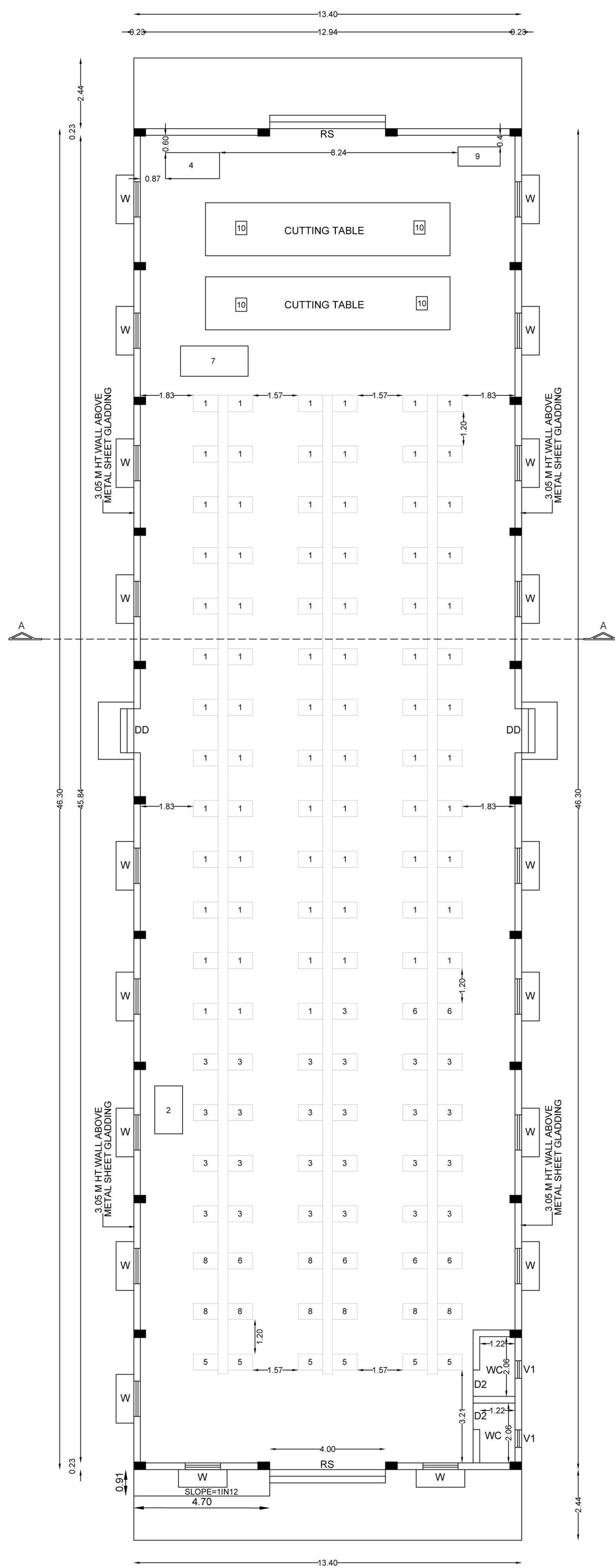
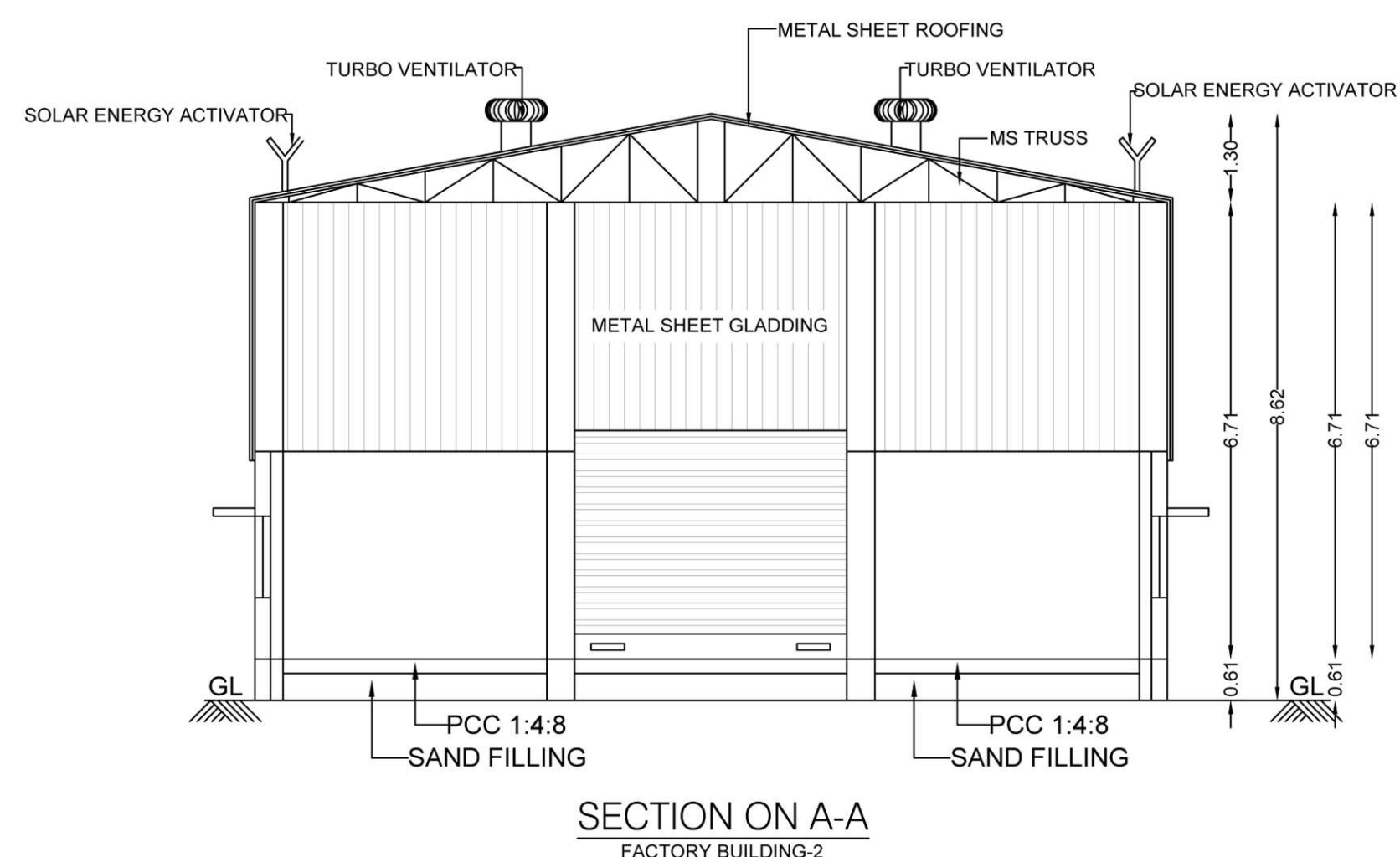
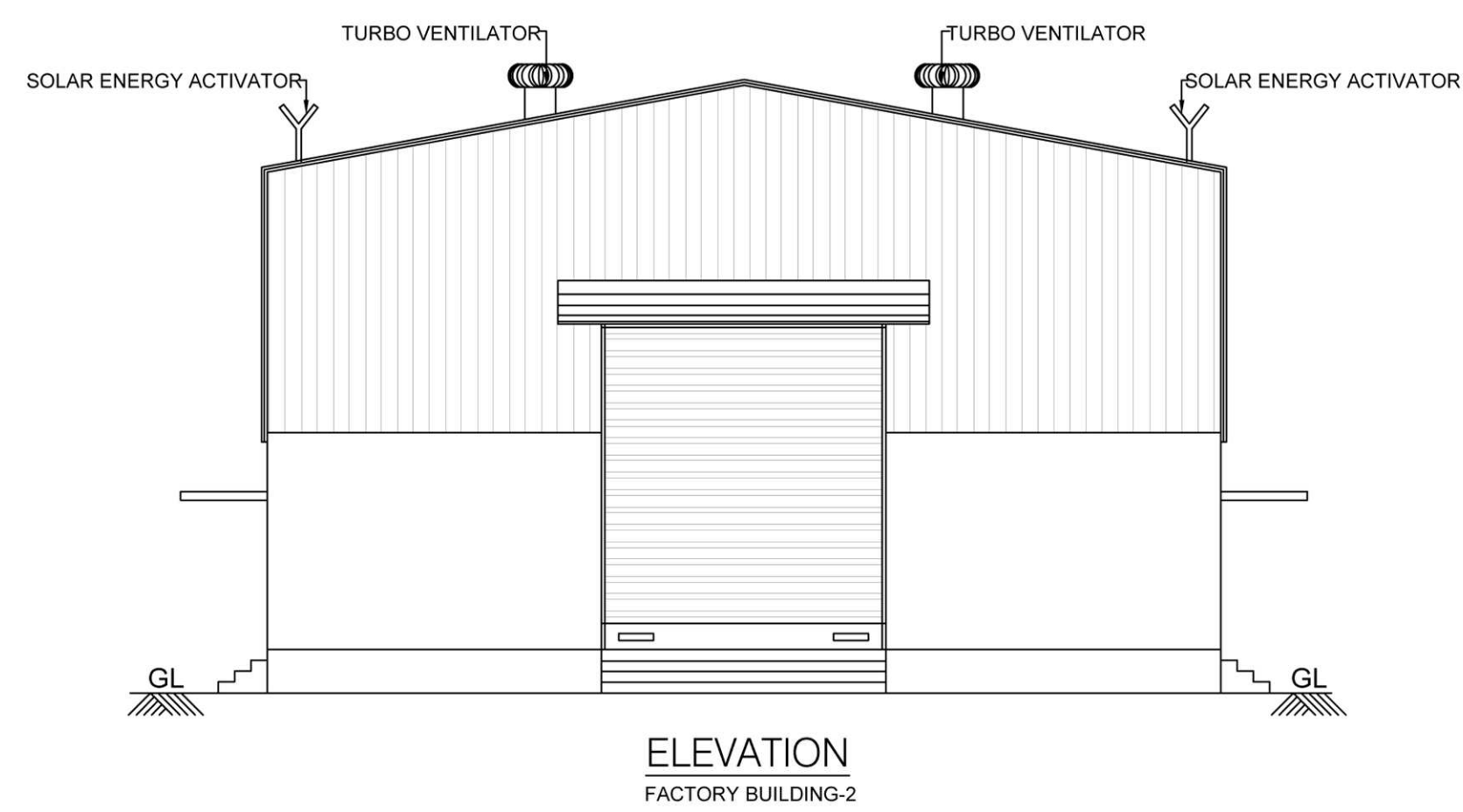
CONSTRUCTION ENGINEER



WIKET GATE ELEVATION

DETAILS OF COMPOUND WALL





SHEET NO 2/3

PLAN SHOWING THE PROPOSED CONSTRUCTION OF GARMENT INDUSTRY IN S.NO. 254/2B1, 254/2B2 AND 256/3A AT THIRUPPULIVANAM VILLAGE, UTHIRAMERUR TALUK, THIRUPPULIVANAM PANCHAYAT, UTHIRAMERUR PANCHAYAT UNION, KANCHEEPURAM DISTRICT.

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 3. DISTANCE BETWEEN M.C. AND JOINERY IS 1.20m.
 4. ALL DIMENSIONS ARE IN "M"

MACHINERY DETAILS		
SNO.	DESCRIPTION	TOTAL HP
1	SINGLE NEEDLE MACHINE - 75 NOS X 0.33	24.75
2	FUSING MACHINE	12.00
3	OVER LOCK - 25 NOS X 0.33	8.25
4	METAL DETECTOR	0.50
5	KAJA MACHINE - 6 NOS X 0.25	1.50
6	BUTTON MACHINE - 6 NOS X 0.25	1.50
7	THREAD SUCKING MACHINE	1.00
8	FLAT LOCK MACHINE - 8 NOS X 1.00	8.00
9	AIR COMPRESSOR	15.00
10	CUTTING MACHINE - 4 NOS X 1.00	4.00
TOTAL HP		76.50

JOINERY DETAILS		
RS	ROLLING SHUTTER	4.00 X 4.58
RS1	ROLLING SHUTTER	3.36 X 3.66
GD	GRILL DOOR	1.22 X 2.14
DD	DOUBLE DOOR	1.52 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	1.22 X 1.52
W1	WINDOW	1.22 X 1.22
W2	WINDOW	0.91 X 1.22
GW	GLASS WINDOW	1.52 X 1.22
GW1	GLASS WINDOW	0.91 X 1.22
V1	VENTILATER	0.61 X 0.61
MECHANICAL VENTILATION PROVIDED		

COLOUR REFERENCE	
	PROPOSED BUILDING
	EXG. ROAD
	SITE BOUNDARY

SCALE - 1:100

OWNER SIGNATURE

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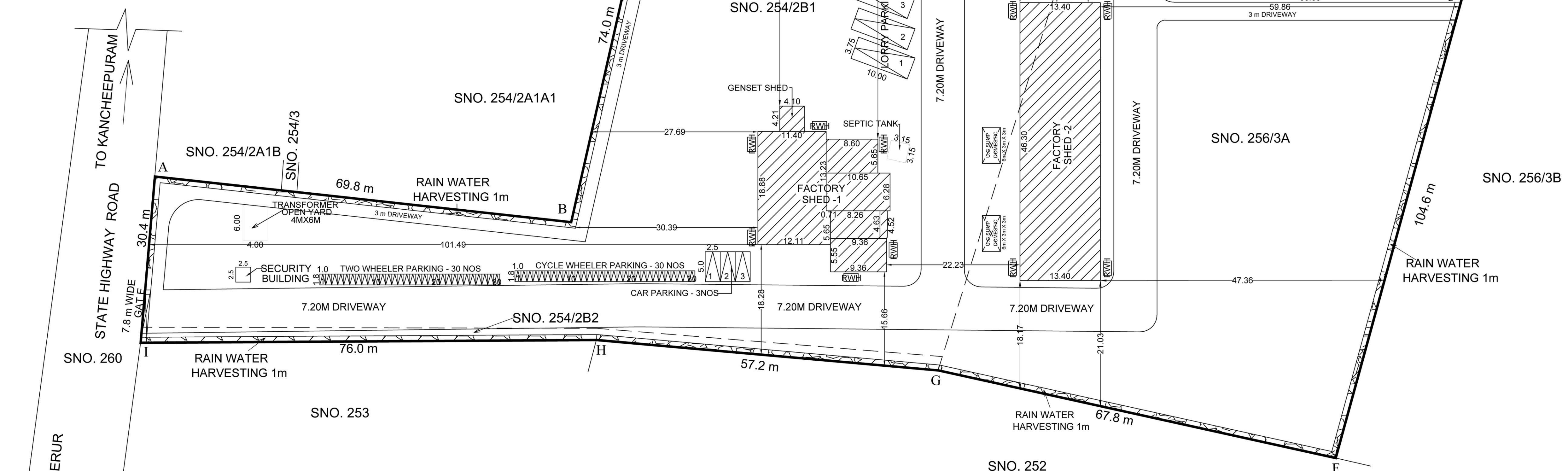
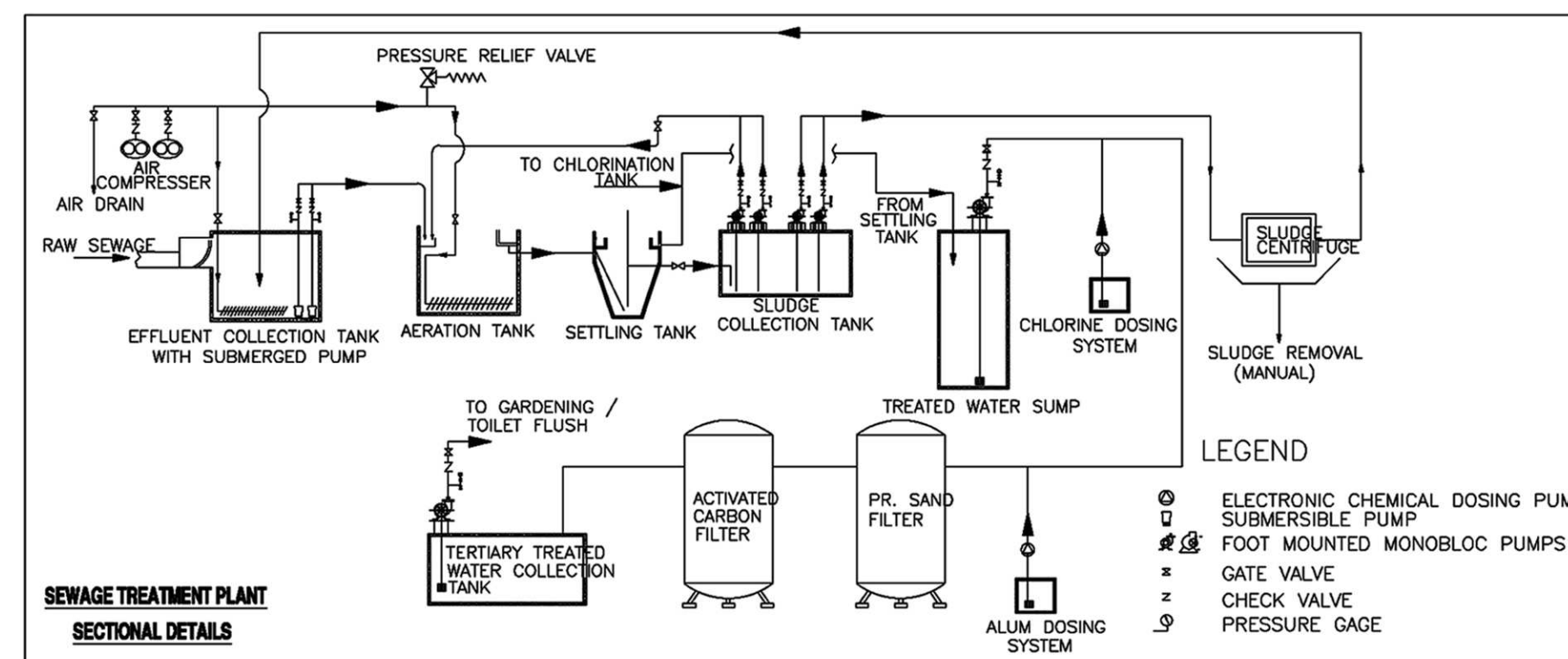
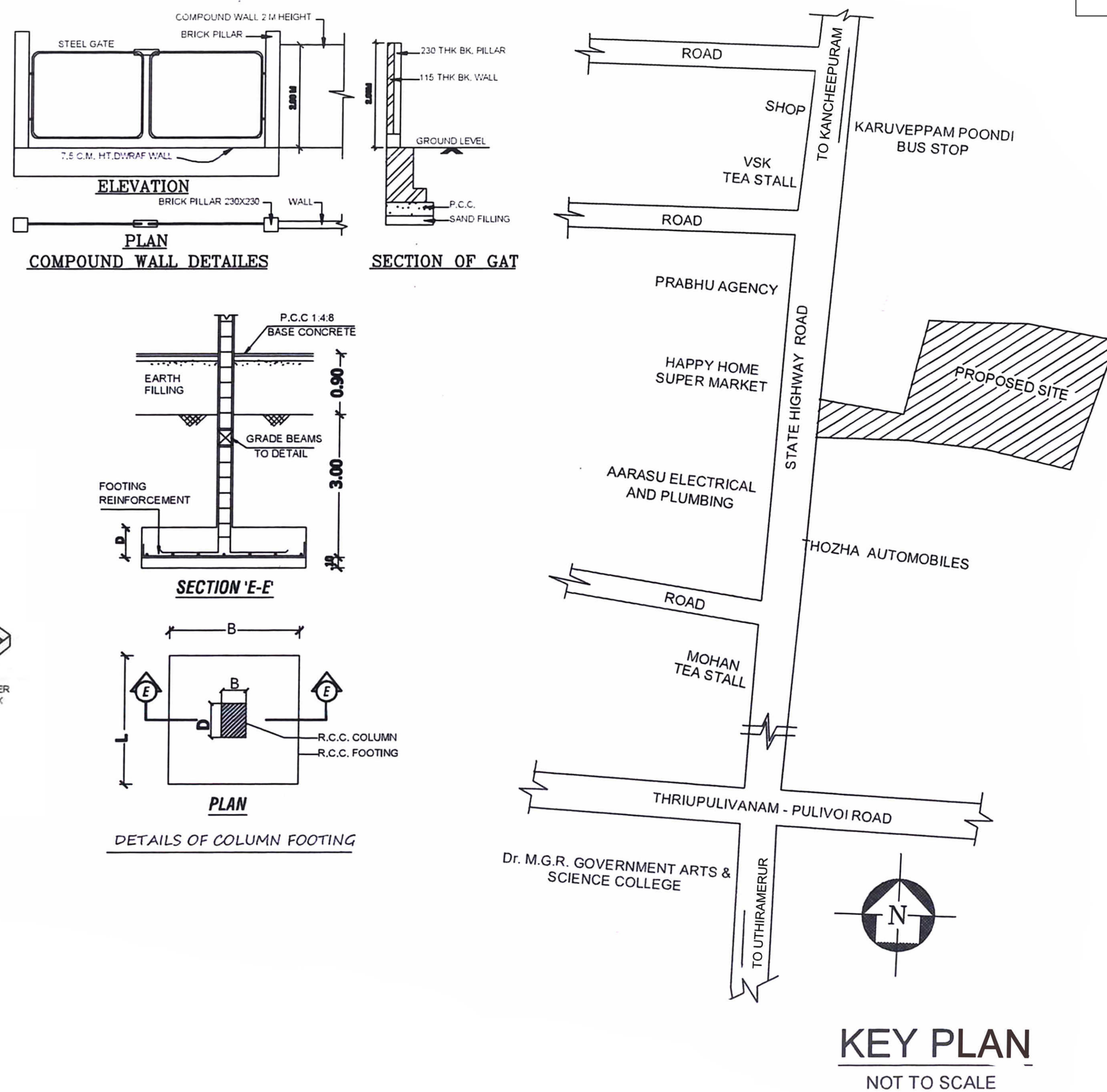
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REGISTERED GEO-TECHNICAL ENGINEER CONSTRUCTION ENGINEER



<u>MACHINERY DETAILS</u>		
S.NO.	DESCRIPTION	TOTAL H
1	SINGLE NEEDLE MACHINE - 46 NOS X 0.33	15.18
2	KANSAI MACHINE - 4 NOS X 0.50	2.00
3	OVER LOCK - 15 NOS X 0.33	4.95
4	GENSET 125 KVA (STAND BY)	-
5	KAJA MACHINE	0.25
6	BUTTON MACHINE - 2 NOS X 0.25	0.50
7	IRONING TABLE - 6 NOS X 1.50	9.00
8	FLAT LOCK MACHINE	1.00
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10	EDGE CUTTER MACHINE- 4 NOS X 0.50	0.50
11	CUTTING MACHINE - 4 NOS X 1.00	4.00
12	BAND KNIFE MACHINE	3.00
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17	METAL DETECTOR	0.50
18	KAJA MACHINE 8 NOS X 0.25	1.50
19	BUTTON MACHINE - 6 NOS X 0.25	1.50
20	THREAD SUCKING MACHINE	1.00
21	FLAT LOCK MACHINE 8 NOS X 1.00	8.00
22	AIR COMPRESSOR	15.00
23	CUTTING MACHINE - 4 NOS X 1.00	4.00
TOTAL HP		148.88

FSI ACHIEVED CALCULATION:

TOTAL BUILDING FSI AREA = 1240.12 SQ.MT
TOTAL SITE AREA = 15550.00 SQ.MT

FSI ACHIEVED = $\frac{\text{TOTAL BUILDING FSI AREA}}{\text{TOTAL SITE AREA}}$

= $\frac{1240.12 \text{ SQ.MT}}{15550.00 \text{ SQ.MT}}$

FSI ACHIEVED = 0.079 < 2.00

OSR AREA CALCULATION:

TOTAL SITE AREA	=	15550.00 SQ.MT
OSR AREA	=	$\frac{10}{100} \times 15550$
OSR AREA REQUIRED	=	1555.00 SQ.MT (10.00%)
OSR AREA PROVIDED	=	1579.42 SQ.MT (10.15%)

PARKING AREA CALCULATION FOR GARMENT INDUSTRY:

CYCLE PARKING	= 1 Cycle Space for Every 75sq.mt of Workshop Floor Area
	= $\frac{\text{TOTAL WORKSHOP FLOOR AREA}}{75}$
	= $\frac{1186.06}{75}$
CYCLE PARKING REQUIRED	= 17 nos.
CYCLE PARKING PROVIDED	= 30 nos.

TWO WHEELER PARKING = 1 Two Wheeler Space for Every 75sq.mt of Workshop Floor Area

$$= \frac{\text{TOTAL WORKSHOP FLOOR AREA}}{75}$$

$$= \frac{1186.06}{75}$$
TWO WHEELER PARKING = 17 nos.
REQUIRED
TWO WHEELER PARKING = 30 nos.
PROVIDED

CAR PARKING = 1 Car Space for Every 150sq.mt of Office Floor Area
= $\frac{\text{OFFICE FLOOR AREA}}{75}$

CAR PARKING REQUIRED = 1 nos.

CAR PARKING PROVIDED = 3 nos.

LORRY PARKING = 1 Lorry Space for Every 750sq.mt of Workshop Floor Area
OFFICE FLOOR AREA
 750

LORRY PARKING REQUIRED = 2 nos.
 LORRY PARKING PROVIDED = 4 nos.

P	PLAN SHOWING THE PROPOSED CONSTRUCTION OF GARMENT INDUSTRY IN S.NO. 254/2B1, 254/2B2 AND 256/3A AT THIRUPPULIVANAM VILLAGE, UTHIRAMERUR TALUK, THIRUPPULIVANAM PANCHAYAT, UTHIRAMERUR PANCHAYAT UNION, KANCHEEPURAM DISTRICT.
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INDUSTRIAL CATEGORY : GREEN CATEGORY
MANUFACTURING : TAILORING AND GARMENT MAKING
ASPER TNCDBR - 2019 RULE 36 ANNEXURE-VI, S.NO.8.

<u>AREA STATEMENT</u>
TOTAL SITE EXTENT - 15550.0 SQ.MT (asper Patta)
TOTAL SITE EXTENT - 3.84 Acres (asper Document)
SITE BOUNDARY NUMBERED AS " A to I "

S.NO	DESCRIPTION	PSI AREA IN SQ.MT	NON-PSI AREA IN SQ.MT	TOTAL BUILDING AREA IN SQ.MT
1	FACTORY SHED - 1 (GROUND FLOOR)	447.89	-	447.89
	FACTORY SHED - 1 (FIRST FLOOR)	117.75	-	117.75
2	HEAD ROOM	-	9.40	9.40
3	FACTORY SHED - 2 (GROUND FLOOR)	620.42	-	620.42
4	EB PANEL ROOM	13.99	-	13.99
5	TOILET BLOCK	40.07	-	40.07
6	SECURITY BUILDING	-	6.25	6.25
7	STP AREA	-	45.00	45.00
	TOTAL AREA	1240.12	60.65	1300.77

FSI AREA ACHIEVED = 0.079 < 2.00
PLOT COVERAGE = 7.9%

<u>OSR AREA DETAILS</u>	
OSR AREA REQUIRED -	1555.00 SQ.MT (10.00%)
OSR AREA PROVIDED -	1579.42 SQ.MT (10.15%)
OSR AREA BOUNDARY NUMBERED AS "	1 to 4 "

PARKING REQUIREMENTS	REQ
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LORRY PARKING	2 nos	4 nos
CAR PARKING	1 nos	3 nos
TWO WHEELER PARKING	17 nos	30 nos
CYCLE PARKING	17 nos	30 nos

MACHINERY HP ABSTRACT - 148.88 H

NUMBER OF WORKERS PROPOSED - 50 nos	
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DESCRIPTION	MALE	FEMALE	TOTAL
FACTORY WORKERS	35	15	50
SANITARY REQUIREMENT			

SUPPORT REQUIREMENT	
DESCRIPTION	REQU

	(Male and Female)	(Male and Female)
WATER CLOSET	10 nos	15 nos
URINAL	05 nos	05 nos
WASH BASIN TAPS	05 nos	05 nos
DRINKER WATER FOUNTAINS	02 nos	02 nos

JOINERY DETAILS

<u>SUBMITTAL LISTING</u>		
RS	ROLLING SHUTTER	4.00 X 4.58
RS1	ROLLING SHUTTER	3.36 X 3.66
GD	GRILL DOOR	1.22 X 2.14
DD	DOUBLE DOOR	1.52 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	1.22 X 1.52
W1	WINDOW	1.22 X 1.22
W2	WINDOW	0.91 X 1.22
GW	GLASS WINDOW	1.52 X 1.22
GW1	GLASS WINDOW	0.91 X 1.22
V1	VENTILATOR	0.61 X 0.61

MECHANICAL VENTILATION PROVIDED

SEE OUR REFERENCE

COLOUR REFERENCE	
	PROPOSED BUILDING
	EXG. ROAD
	SITE BOUNDARY

NOTE:-

- NOTE:
- 1, ALL DOORS AND WINDOWS ARE OPEN OUTWARDS
 - 2, SILL LEVEL OF WINDOW IS BELOW 1.00m.
 - 3, DISTANCE BETWEEN M.C. AND JOINERY IS 1.20m.
 - 4, ALL DIMENSIONS ARE IN "M"

SCALE - 1:200

Anudham

K.M.

OWNER SIGNATURE

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