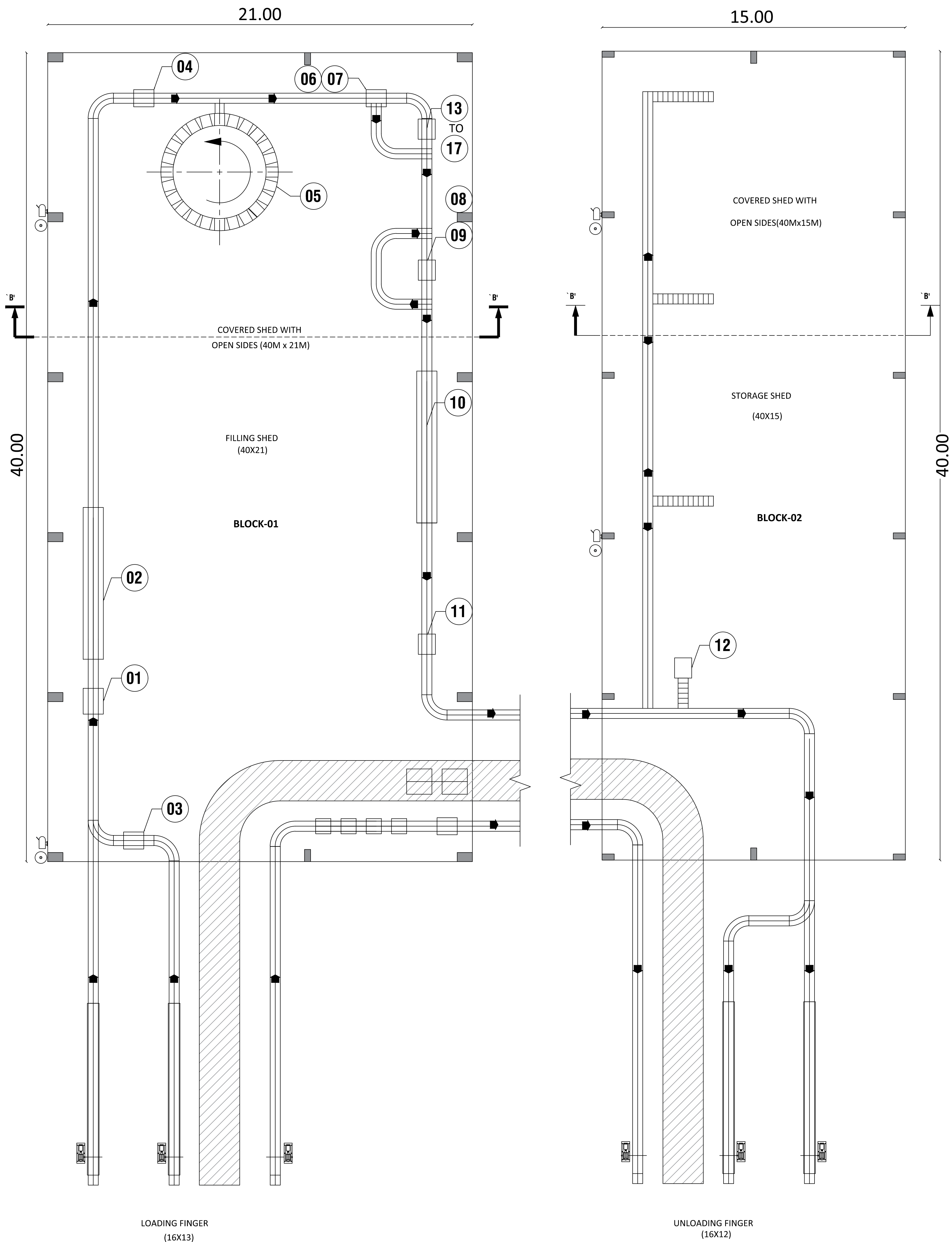
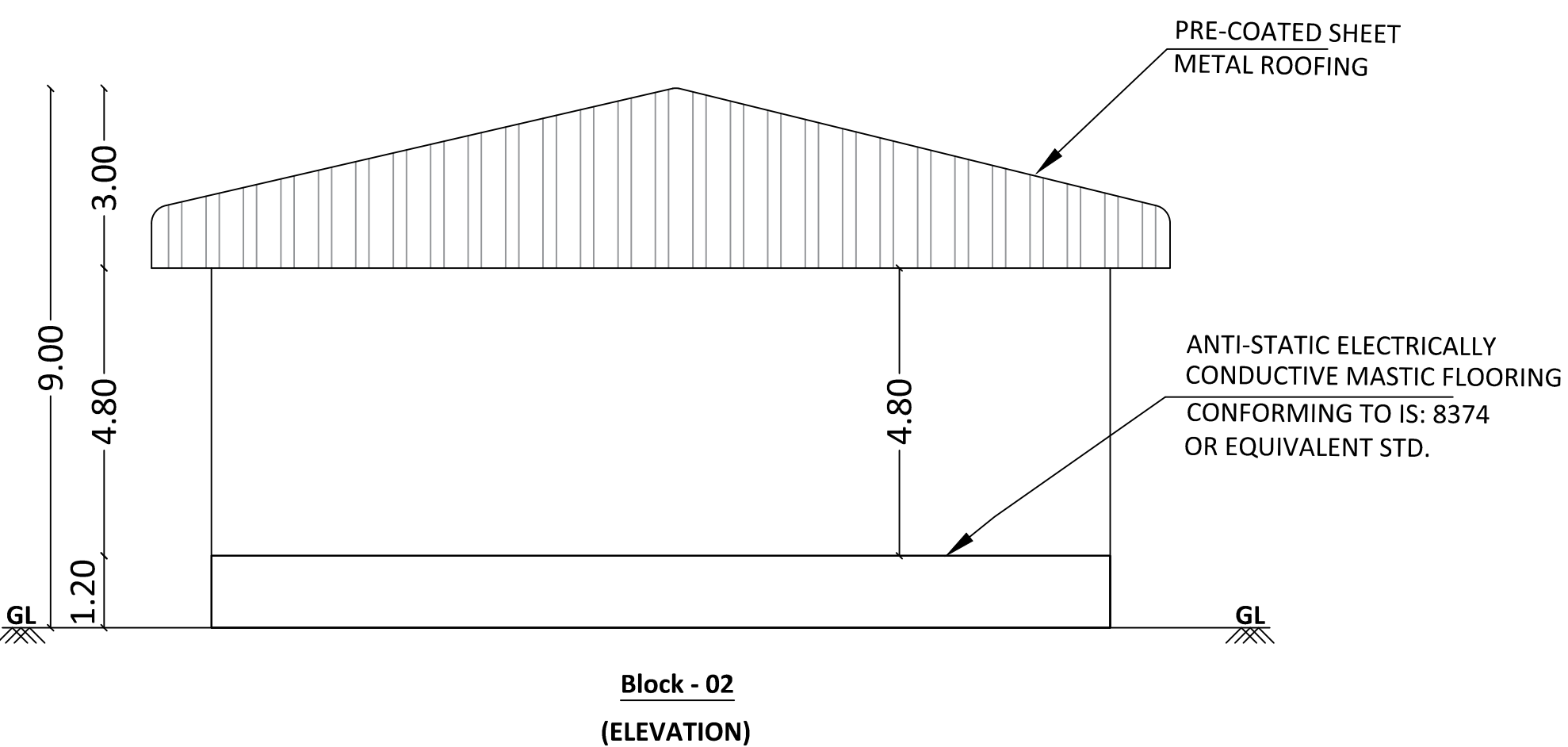
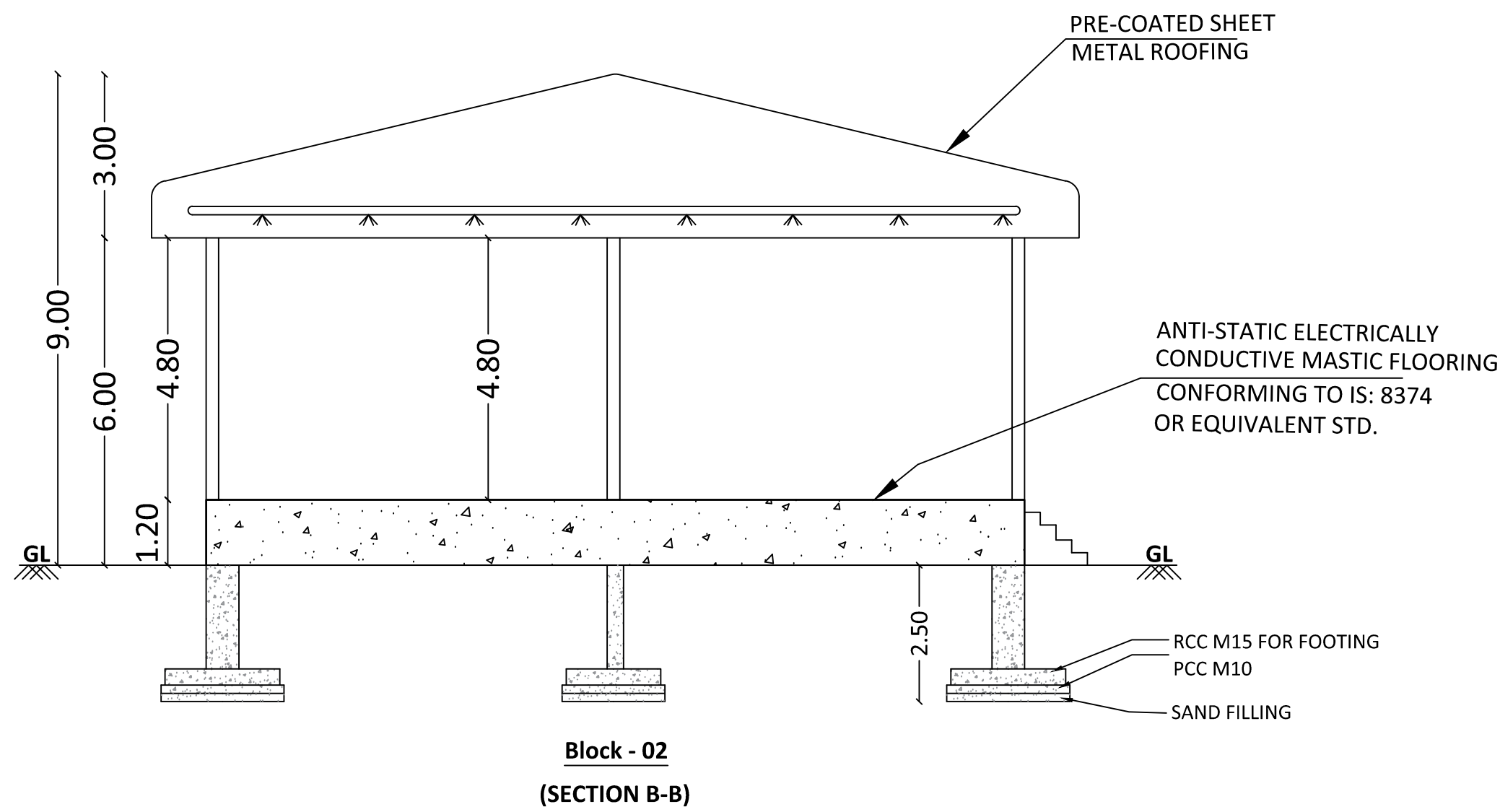
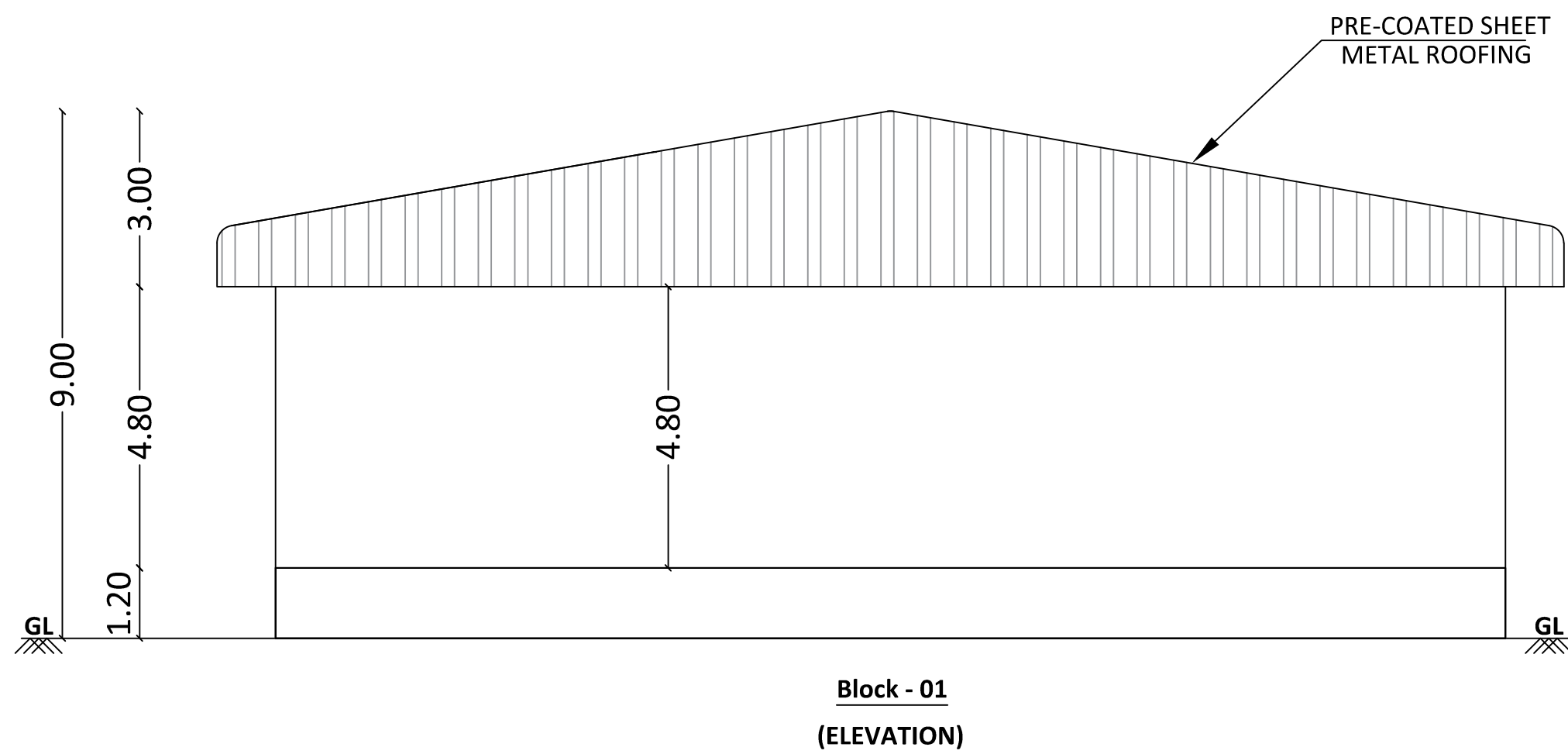
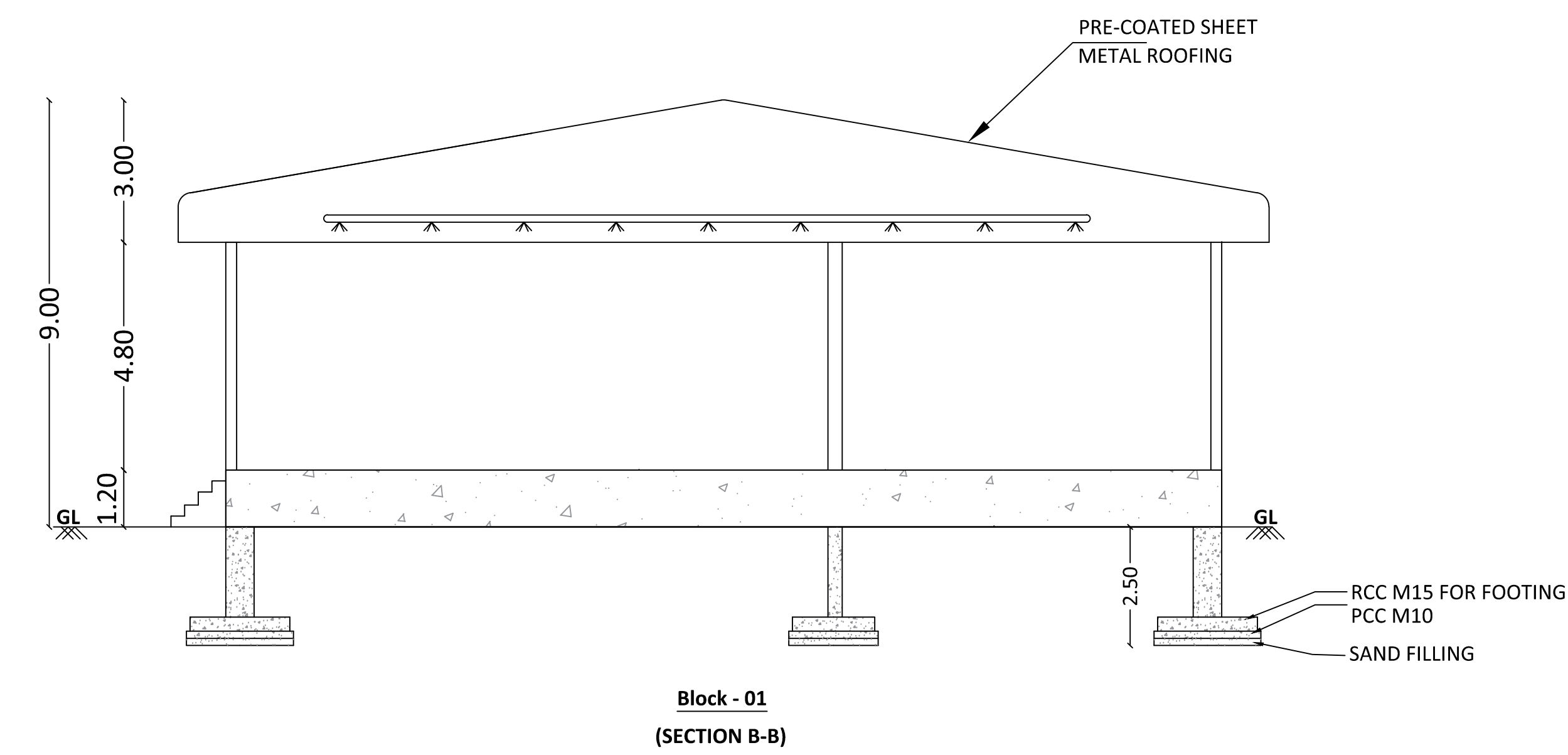




BLOCK - 01 & 02
DETAIL OF FILLING HALL CUM EMPTY CYLINDER'S STORAGE SHED
& FILLED CYLINDER'S STORAGE SHED
GROUND FLOOR PLAN

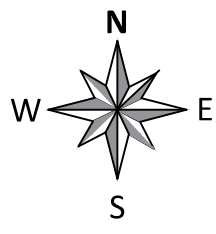


BLOCK 1 & 2 DETAIL PLANS | SHEET NO: 02/05

DETAIL PLAN SHOWING THE PROPOSED CONSTRUCTION OF LPG BOTTLING PLOTTING UNIT INDUSTRY BUILDING WITH 180 HORSE POWER, PETROLEUM, STORAGE AND TRANSFER FACILITY (RED CATEGORY), IN S.F NO: 199/2, 200, 201/1, METTUBAVI VILLAGE, KINATHUKADAVU TALUK & S.R.O, COIMBATORE DISTRICT.

SL NO.	DESCRIPTION	FSI AREA SQ.M	NON FSI AREA SQ.M	TOTAL BUILDUP AREA SQ.M
1	(Block - 1) Fuel Filling Shed	840.00	-	840.00
2	(Block - 2) Fuel Storage Shed	600.00	-	600.00
TOTAL AREA		1440.00	-	1440.00

SCALE
1:100
1" EQ 8'0"
(All Measurement are in Meter)



NOTE 1-
FE - FIRE EXTINGUISHER
EA - EMERGENCY ALARM

Sl.No.	SERVICE/EQUIPMENT	QTY.
01	PRE WEIGH CHECK SCALE	1 NO.
02	CYLINDER WASHING & DRYING UNIT	1 NO.
03	PURGING UNIT	1 NO.
04	TARE WEIGHT ENCODING STATION	1 NO.
05	ELECTRONIC 24 POINT CAROUSEL (24 FILLING HEAD)	1 NO.
06	FILLED CYLINDER WEIGHT CHECK SCALE	1 NO.
07	INTEGRATED WEIGHT CORRECTION UNIT	1 NO.
08	VLT-VALVE LEAKAGE TESTER (ELECTRONIC)	1 NO.
09	OLT-'O' RING LEAKAGE TESTER	1 NO.
10	WATER TEST BATH	1 NO.
11	HOT AIR SEALING UNIT	1 NO.
12	STATISTICAL QUALITY CONTROL CHECK	1 NO.
13	CYLINDER EVACUATION RACK	1 NO.
14	LPG COMPRESSOR	1 NO.
15	CYLINDER EVACUATION UNIT	1 NO.
16	DEPRESSURISING & VENTING	1 NO.
17	VALVE REMOVAL REFITTING	1 NO.

For TOTAL OIL INDIA PRIVATE LIMITED
S. Sajesh
Authorized Signatory

APPLICANT

S. Sajesh
S. SAJESH
B.E. (Structural Engineering)
Registered Engineer Grade-II (RE)
CPA Reg. No: CSE LPA/RE/GR-II/19/CR/032
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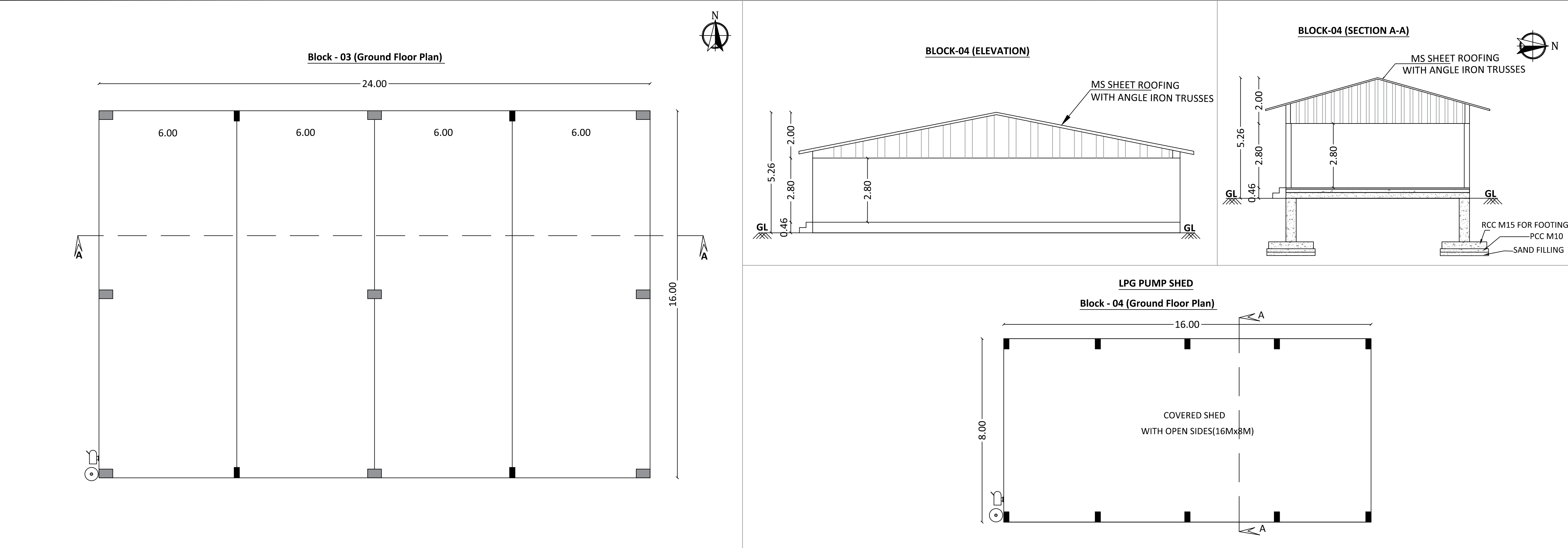
REGISTERED ENGINEER

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REGISTERED STRUCTURAL ENGINEER

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S. RAJA
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POLLACHI TALUK - 642 005.

REGISTERED CONSTRUCTION ENGINEER



BLOCK 3, 4 & 7 DETAILED PLANS | SHEET NO: 03/05

DETAIL PLAN SHOWING THE PROPOSED CONSTRUCTION OF LPG BOTTLING PLOTTING UNIT INDUSTRY BUILDING WITH 180 HORSE POWER, PETROLEUM, STORAGE AND TRANSFER FACILITY (RED CATEGORY), IN S.F NO:199/2, 200, 201/1, METTUBAVI VILLAGE, KINATHUKADAVU TALUK & S.R.O, COIMBATORE DISTRICT.

SL NO.	DESCRIPTION	FSI AREA SQ.M	NON FSI AREA SQ.M	TOTAL BUILDUP AREA SQ.M
1	(Block - 3) Tanker Loading&Unloading	384.00	-	384.00
2	(Block - 4) Pump House	128.00	-	128.00
3	(Block - 7) Fire Fighting Pump Room (FFPR)	200.00	-	200.00
TOTAL AREA		712.00	-	712.00

SCALE

1:100

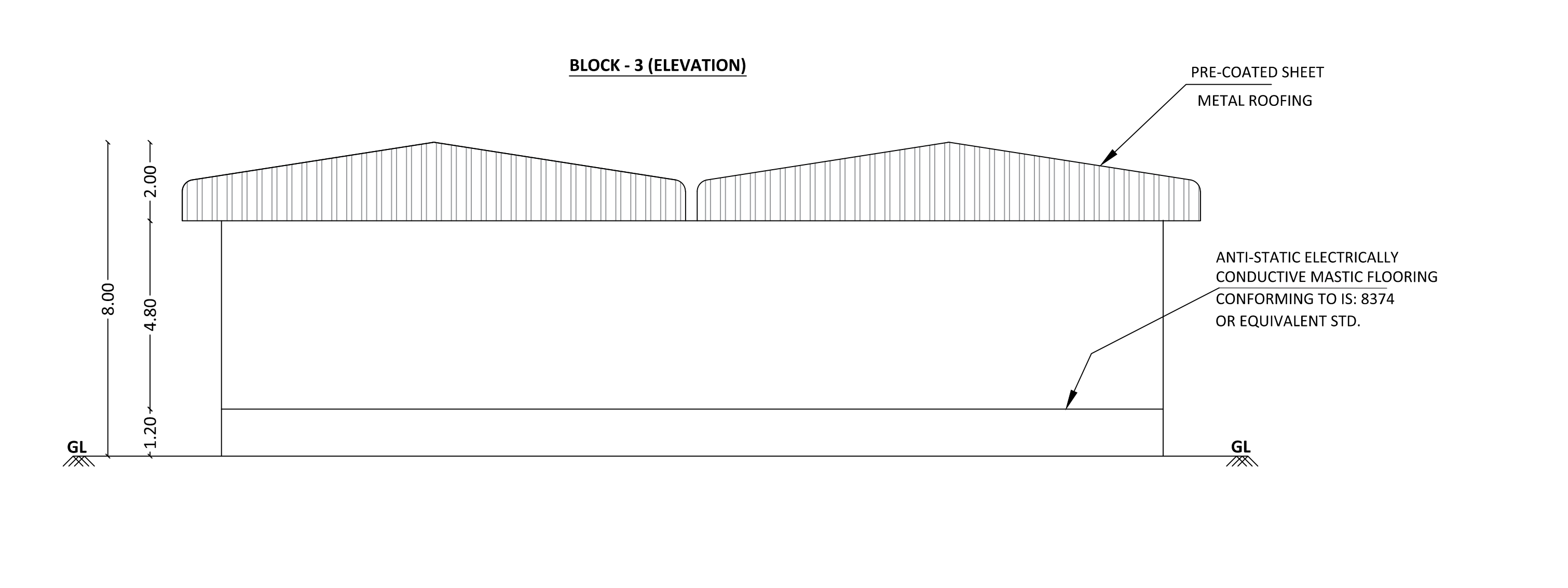
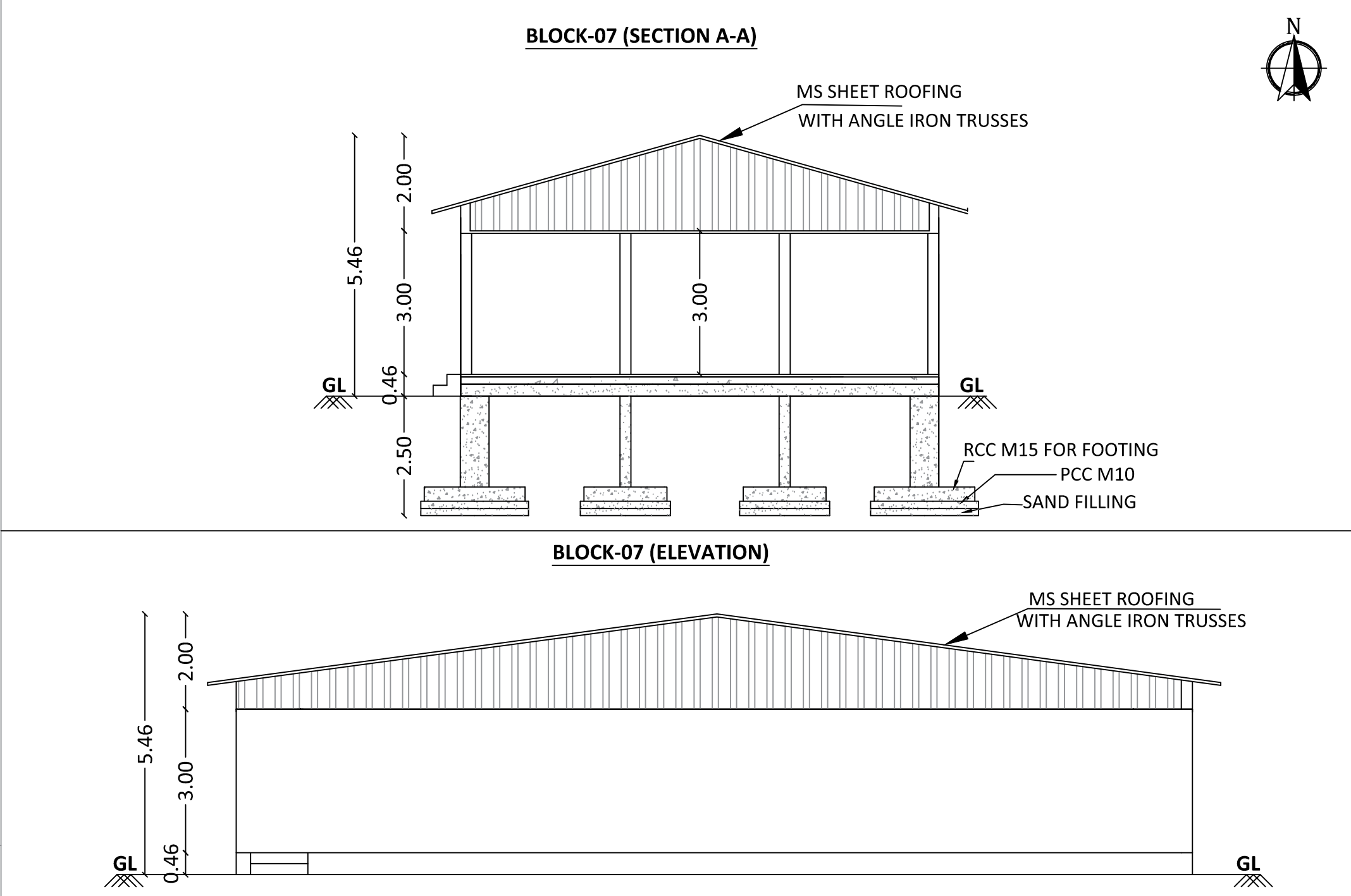
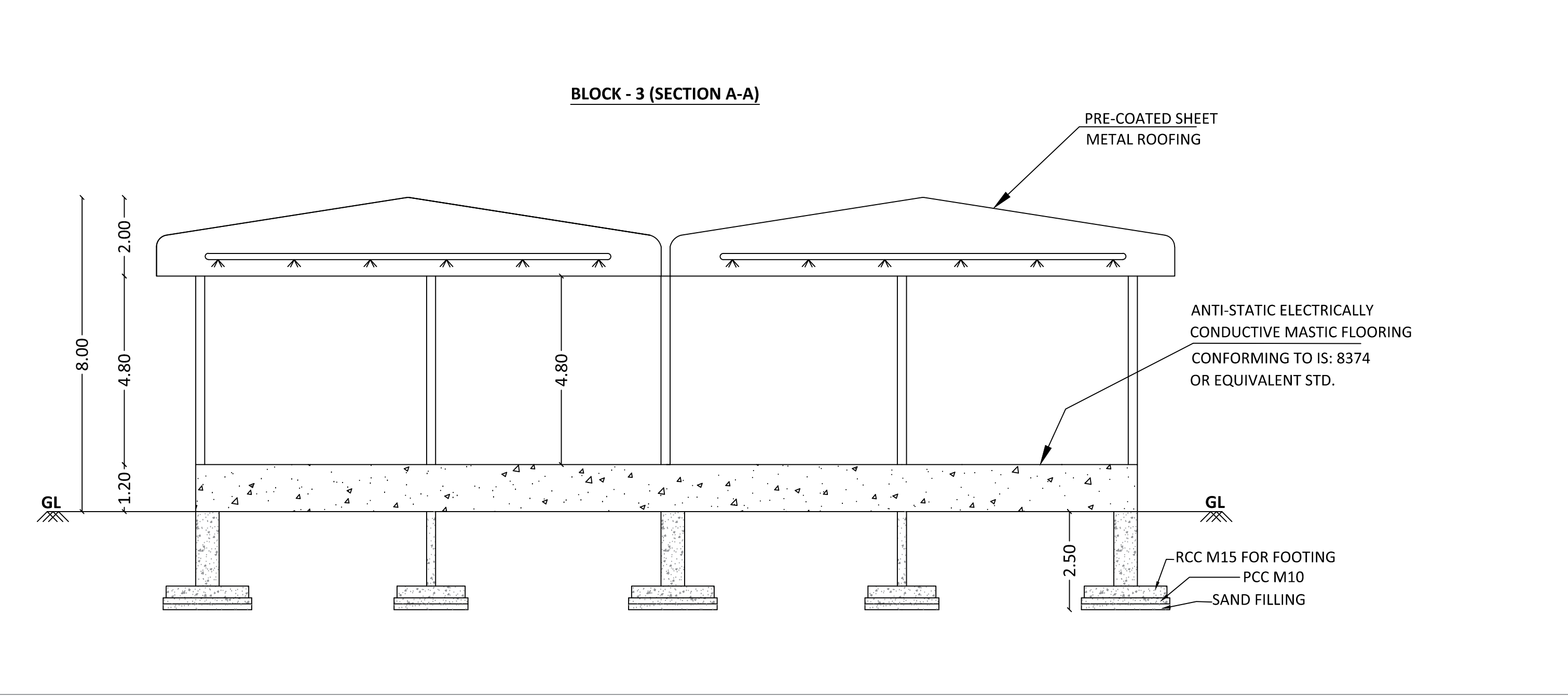
1" EQ 8'0"

(All Measurement are in Meter)

NOTE

FE - FIRE EXTINGUISHER

EA - EMERGENCY ALARM



For TOTAL OIL INDIA PRIVATE LIMITED

APPLICANT

S. SAJEESH

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S. RAJA

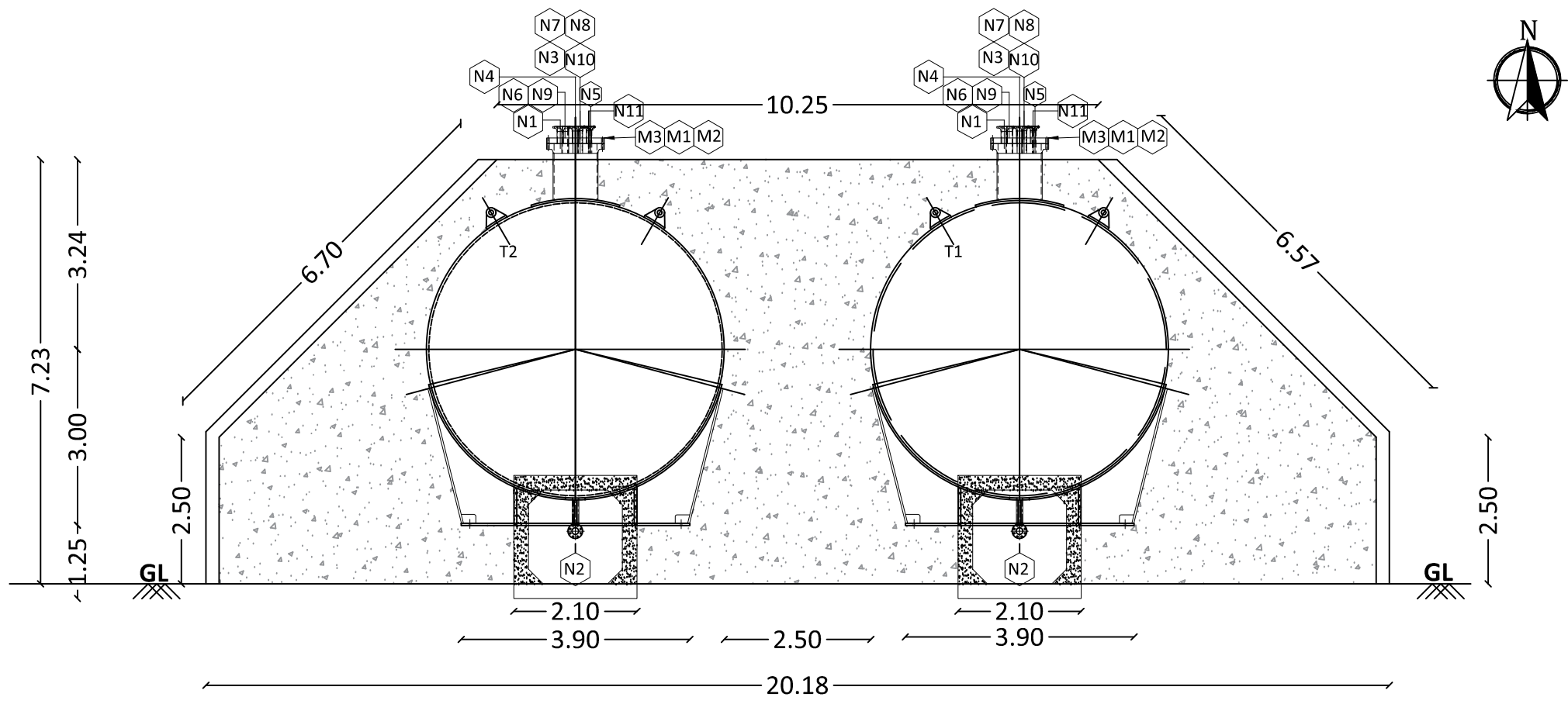
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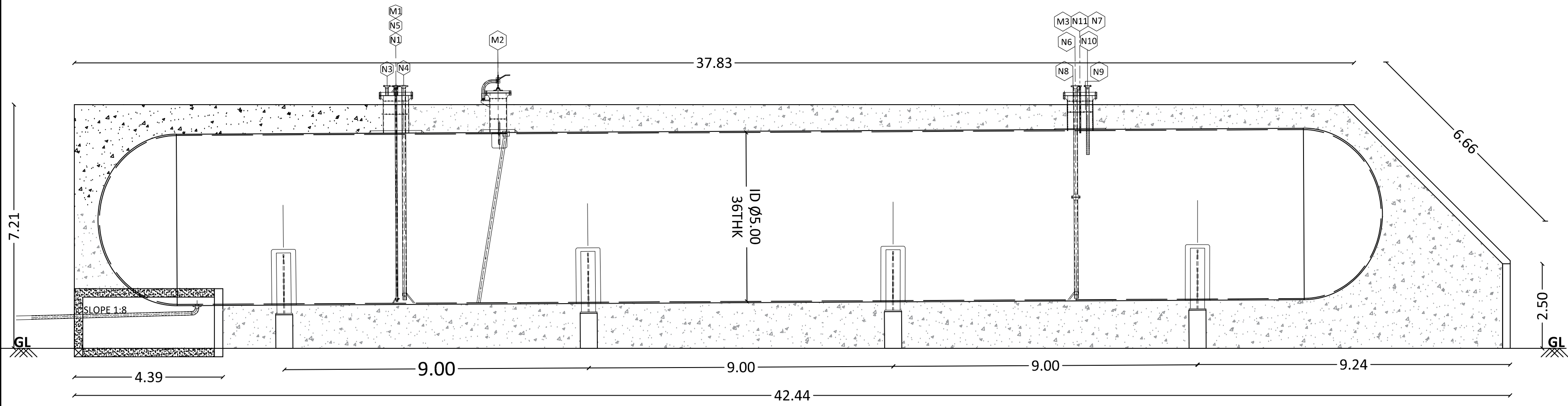
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ATTAMPALAYAM, MUTTUR FORT, POLLACHI TALUK - 642 005.

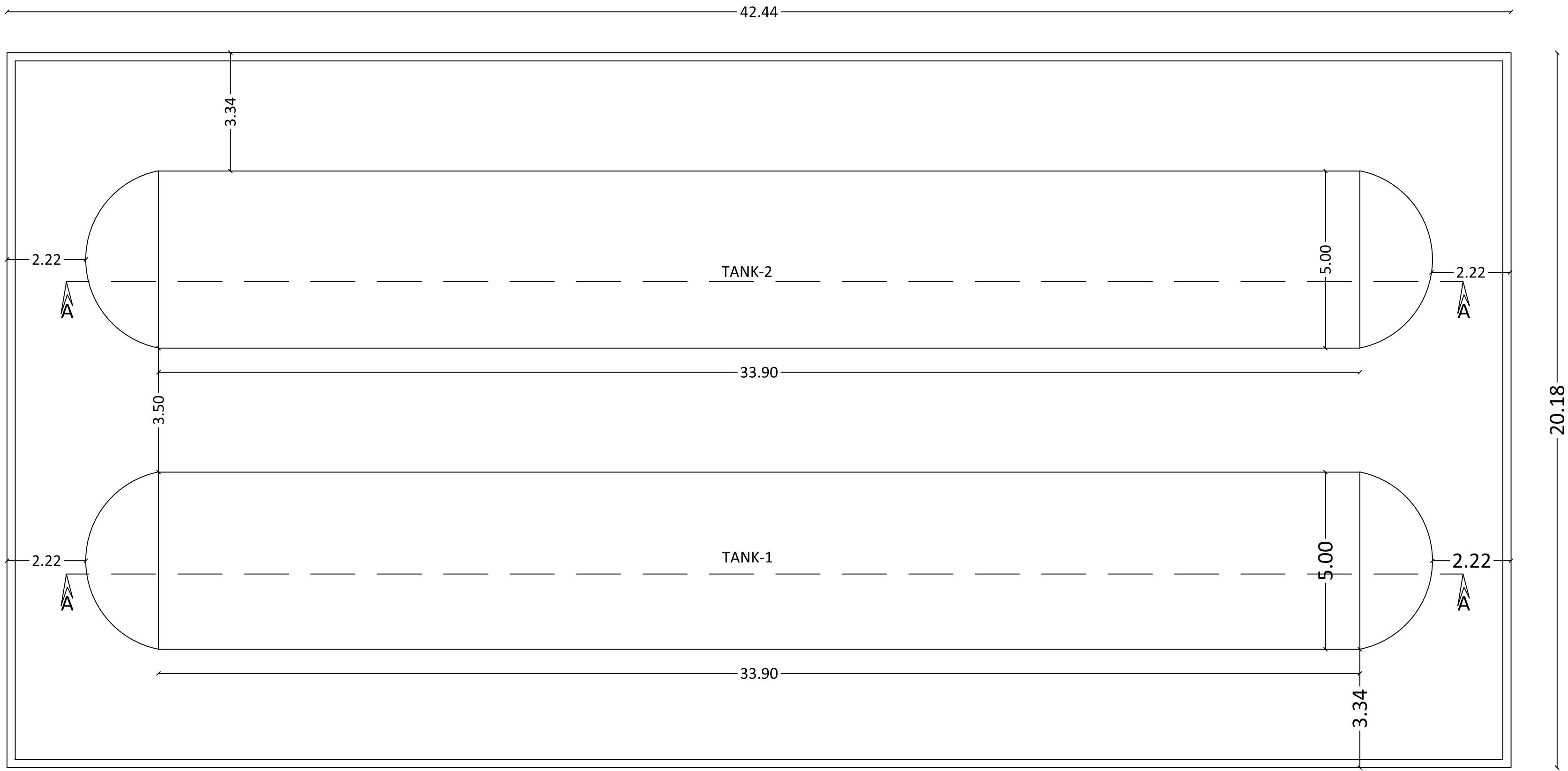
REGISTERED CONSTRUCTION ENGINEER



BLOCK - 5 (ELEVATION)

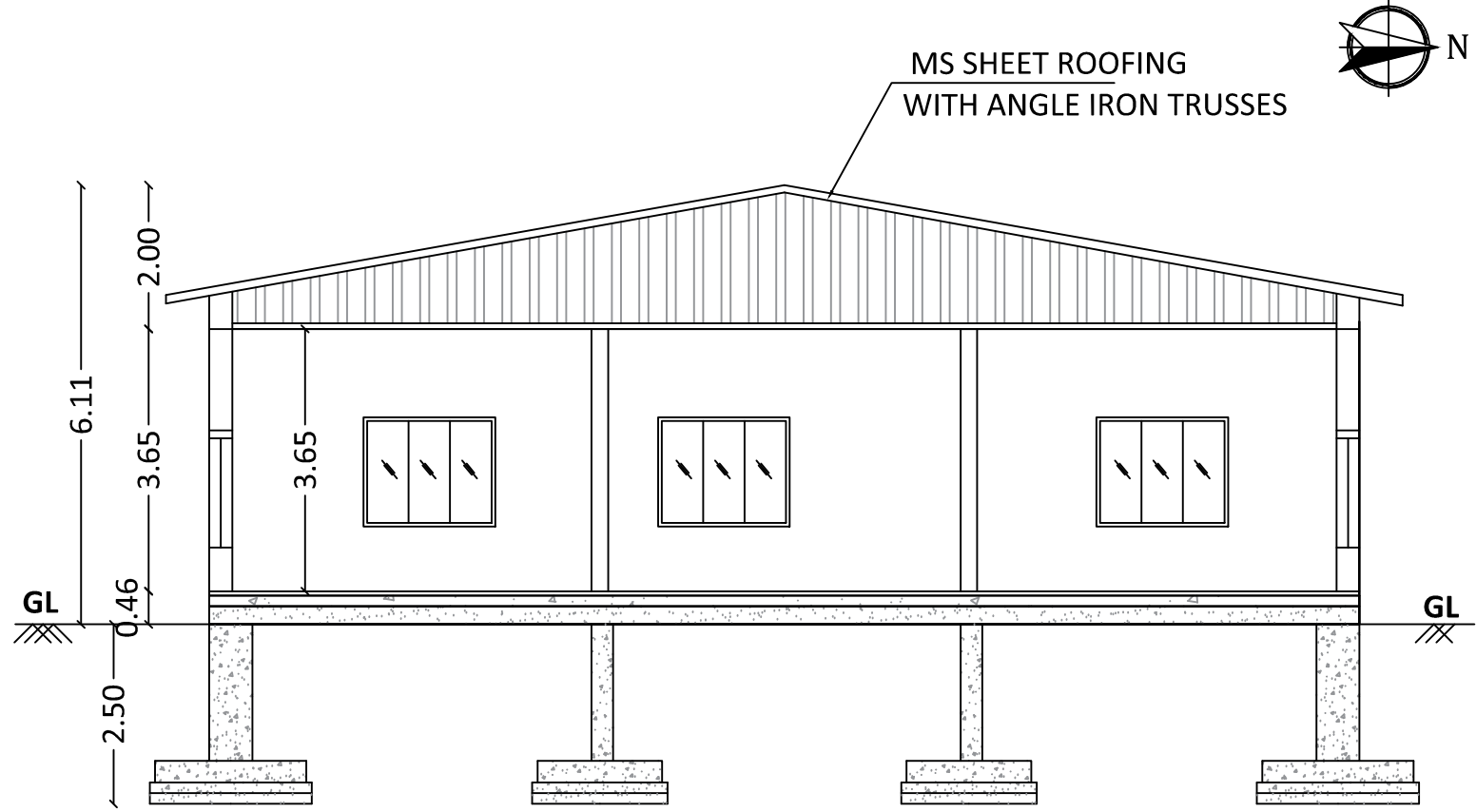


BLOCK-05 (SECTION A-A)

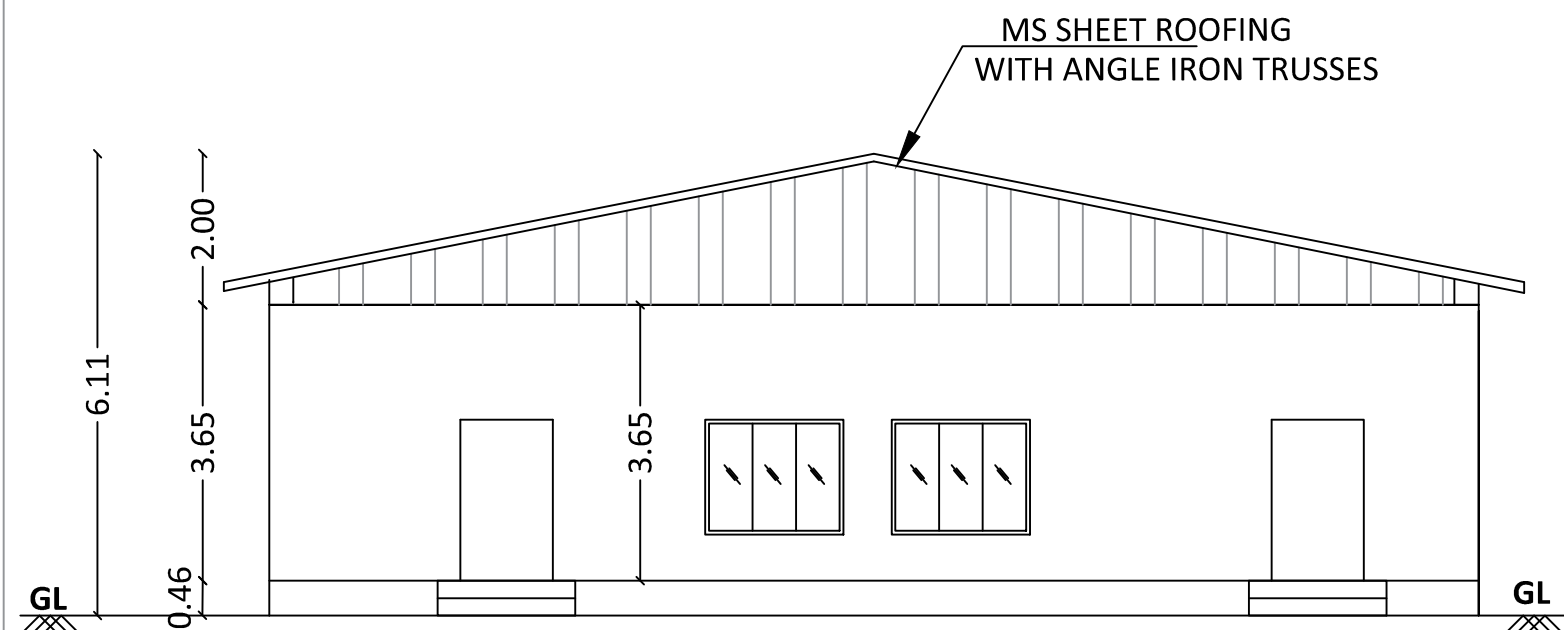


BLOCK - 05 STORAGE TANK

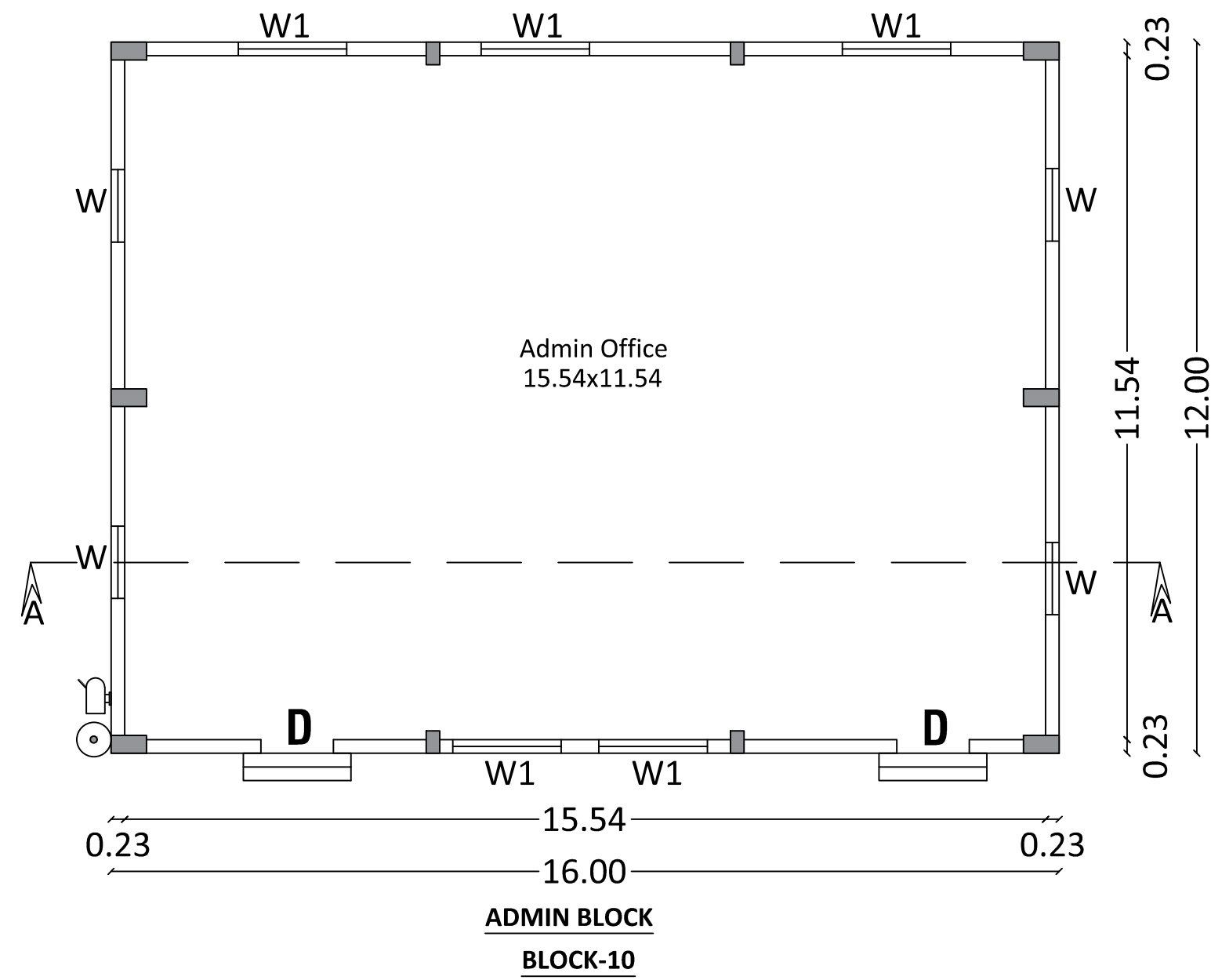
NOZZLE SCHEDULE												
MARK	QTY	NPS.	PROJ. FROM CL	SERVICE	NOZZLE NECK			NOZZ. FLANGE		REINF. PAD		REMARKS
		SIZE			O.D.	SCH.	THK.	TYPE	CLASS	OD	THK.	
N1	1	4"	REF.EL.	PRODUCT RETURN	114.30	120	—	*WNRF	300	—	—	M1
N2	1	4"		PRODUCT INLET/OUTLET	114.30	120	—	*WNRF	300	227	32	SHELL
N3	1	3"		VAPOUR LINE	88.90	160	—	*WNRF	300	—	—	M1
N4	1	4"		SERVO LEVEL GAUGE	114.30	80	—	*WNRF	300	—	—	M1
N5	1	2"		TEMPERATURE GAUGE	60.3	160	—	*WNRF	300	—	—	M1
N6	1	4"		ROCHESTER GAUGE	114.30	80	—	*WNRF	300	—	—	M3
N7	1	1"		PRESSURE GAUGE	33.40	XXS	—	*WNRF	300	—	—	M3
N8,9	2	3"		SAFETY VALVE	88.90	160	—	*WNRF	300	—	—	M3
N10	1	3"		HIGH LEVEL SWITCH	88.90	160	—	*WNRF	300	—	—	M3
N11	1	1"		FIXED LIQUID LEVEL GAUGE	33.40	XXS	—	*WNRF	300	—	—	M3
M1	1	30"		MANHOLE 1	762.00	—	14.0	**WNRF	300	1500	32	SHELL
M2	1	20"		MANHOLE 2	508.00	—	14.0	*WNRF	300	1000	32	SHELL
M3	1	30"		MANHOLE 3	762.00	—	14.0	**WNRF	300	1500	32	SHELL



BLOCK-10 (SECTION A-A)



BLOCK-10 (ELEVATION)



ADMIN BLOCK
BLOCK-10

DETAIL PLAN SHOWING THE PROPOSED CONSTRUCTION OF LPG BOTTLING PLOTTING UNIT INDUSTRY BUILDING WITH 180 HORSE POWER, PETROLEUM, STORAGE AND TRANSFER FACILITY (RED CATEGORY), IN S.F NO:199/2, 200, 201/1, METTUBAVI VILLAGE, KINATHUKADAVU TALUK & S.R.O, COIMBATORE DISTRICT.

SL NO.	DESCRIPTION	FSI AREA SQ.M	NON FSI AREA SQ.M	TOTAL BUILDUP AREA SQ.M
1	(Block - 5) Tanker Loading & Unloading	856.44	-	856.44
2	(Block - 10) Admin Room	192.00	-	192.00
TOTAL AREA		1048.44	-	1048.44

SCALE		NOTE :	
1:100 1" EQ 8'0" (All Measurement are in Meter)		FE - FIRE EXTINGUISHER EA - EMERGENCY ALARM	

DESIGN DATA		
NO.	DESIGN CONDITIONS	VALUES
1.	DESIGN CODE	IS 2825 CL1, 1969 + SMPV (U) RULES 1981
2.	PROCESS FLUID	PROPANE
3.	DESIGN PRESSURE - INTERNAL	Kg/cm ² (g) 22.5
4.	DESIGN PRESSURE - EXTERNAL	Kg/cm ² (g) 1.6 (FULL VACCUUM + SAND PRESSURE)
5.	DESIGN TEMPERATURE	°C -46 TO +55
6.	HYDRO TEST PRESSURE	Kg/cm ² (g) 29.5
7.	CORROSION ALLOWANCE	mm 3.0
8.	WELD JOINT EFFICIENCY	— 1.0
9.	RADIOGRAPHY	— 100%
10.	WIND LOAD	— NOT APPLICABLE
11.	SEISMIC FACTOR	— IS - 1893
12.	POST WELD HEAT TREATMENT	— YES
13.	IMPACT TEST	— YES
14.	INSPECTION	— M/S BVIS

COMPUTATION OF FIRE WATER PUMP CAPACITY & STORAGE :
1. Exposed Surface Area of 2 Nos. x 300 MT. Mounded Storage Tanks - 3 Sq. Mtr.
2. Surface Area of Filled cylinder Storage Shed = 40 x 15 = 600 sq.mtrs.
3. Surface Area for cylinder Filling + Empty Cylinder Storage Shed = 21 X 40 = 840 sq.mtrs.
4. Surface Area for Gantry : 16 x 24 = 384 Sq.mtrS.
Hence single greatest risk area = 840 sq.mtrs.
A) Water required for operation of Water Sprinklers on single greatest
Risk area = (840 x 10.2) = 8568 lpm.
B) Water required for operating 2 Nos. Fire Hydrant Points - 72 cu.mtrs./hr. = 1200 lpm.
C) Hence Total Water Required = 8568 + 1200 = 9768 lpm. = 587 cu.mtrs./hr.
D) Fire Water Pump Capacity = 300 X 2 nos cum/Hr + 1 Pump standby
E) Fire Water Storage Tank Capacity for 4 hr. = 600 cu.mtrs./hr. (2 TANKS X1250 cu.mtrs.)

SCHEDULE OF JOINERY		IN METER
D	DOOR	1.22 x 2.13
W	WINDOW	1.22 x 1.52
W1	WINDOW	1.83 x 1.52

For TOTAL OIL INDIA PRIVATE LIMITED
(Signature)
Authorized Signatory

APPLICANT

(Signature)
S. SAJEEESH
M.E. (Structural Engineering)
Registered Engineer Grade-2 (SE)
CLPA Reg. No: CSE LPA/RE/GR-6/19/08/032
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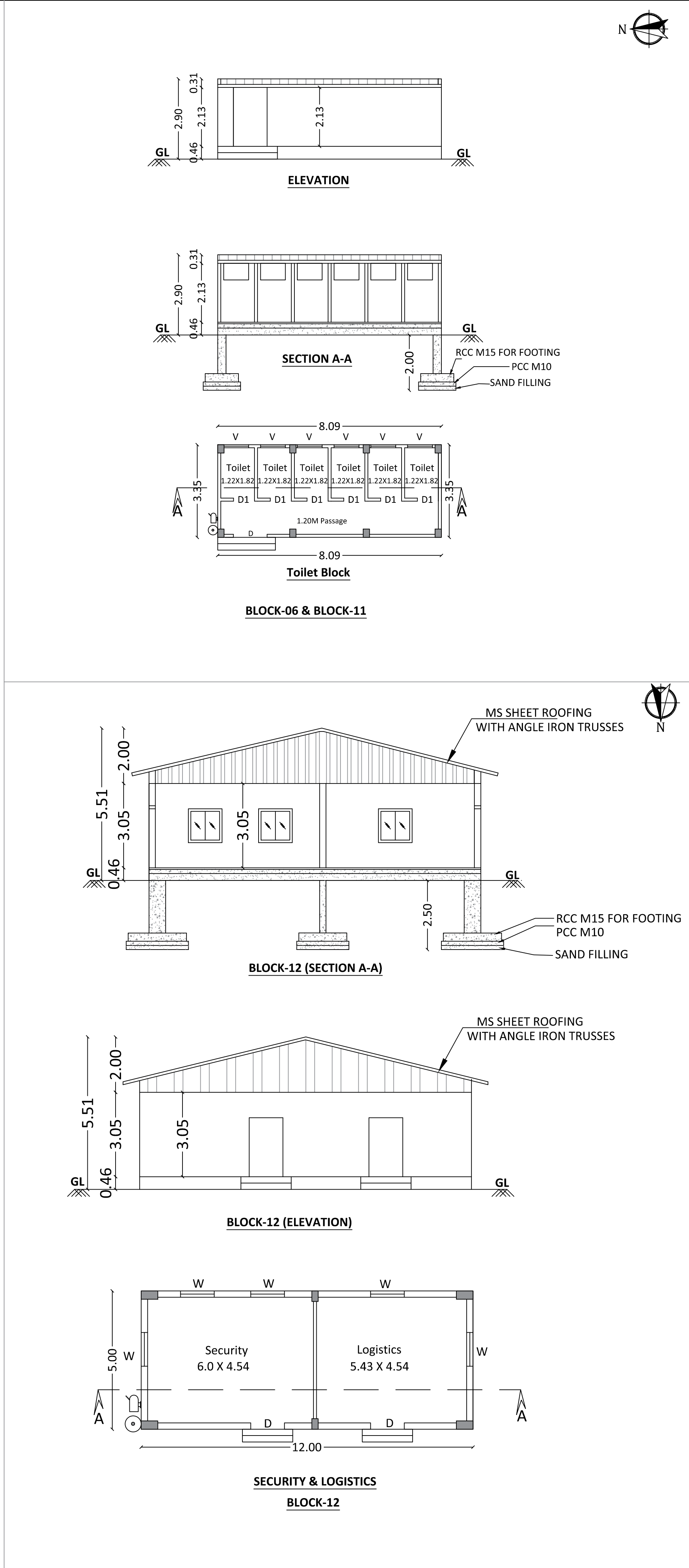
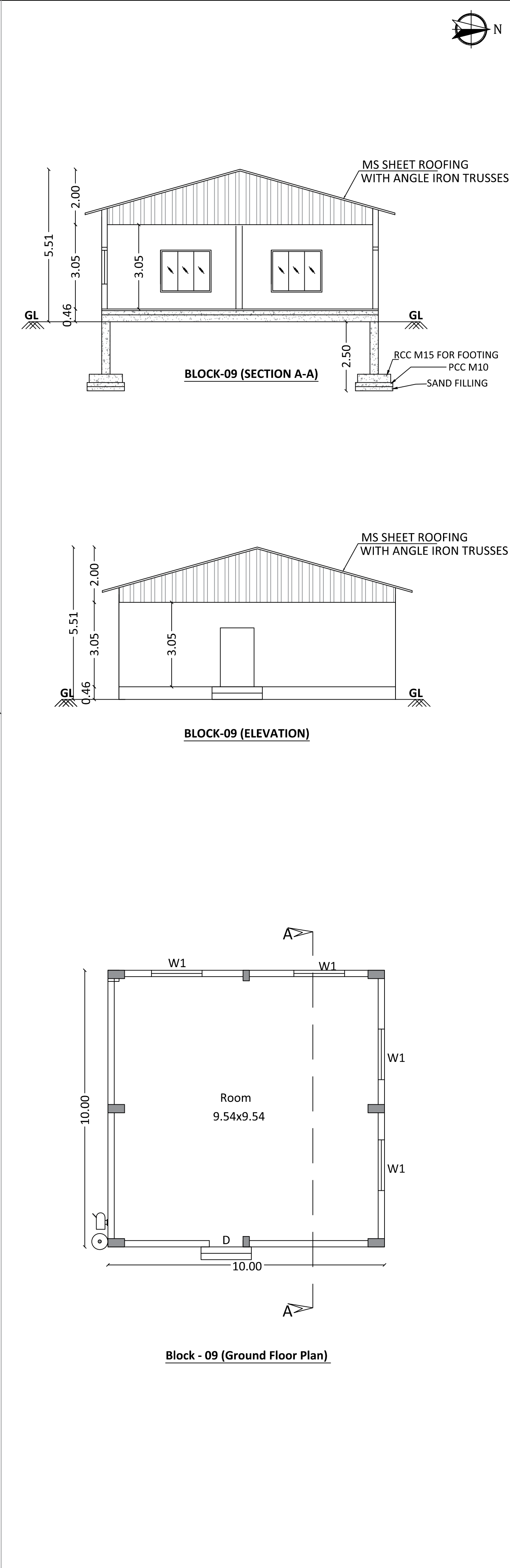
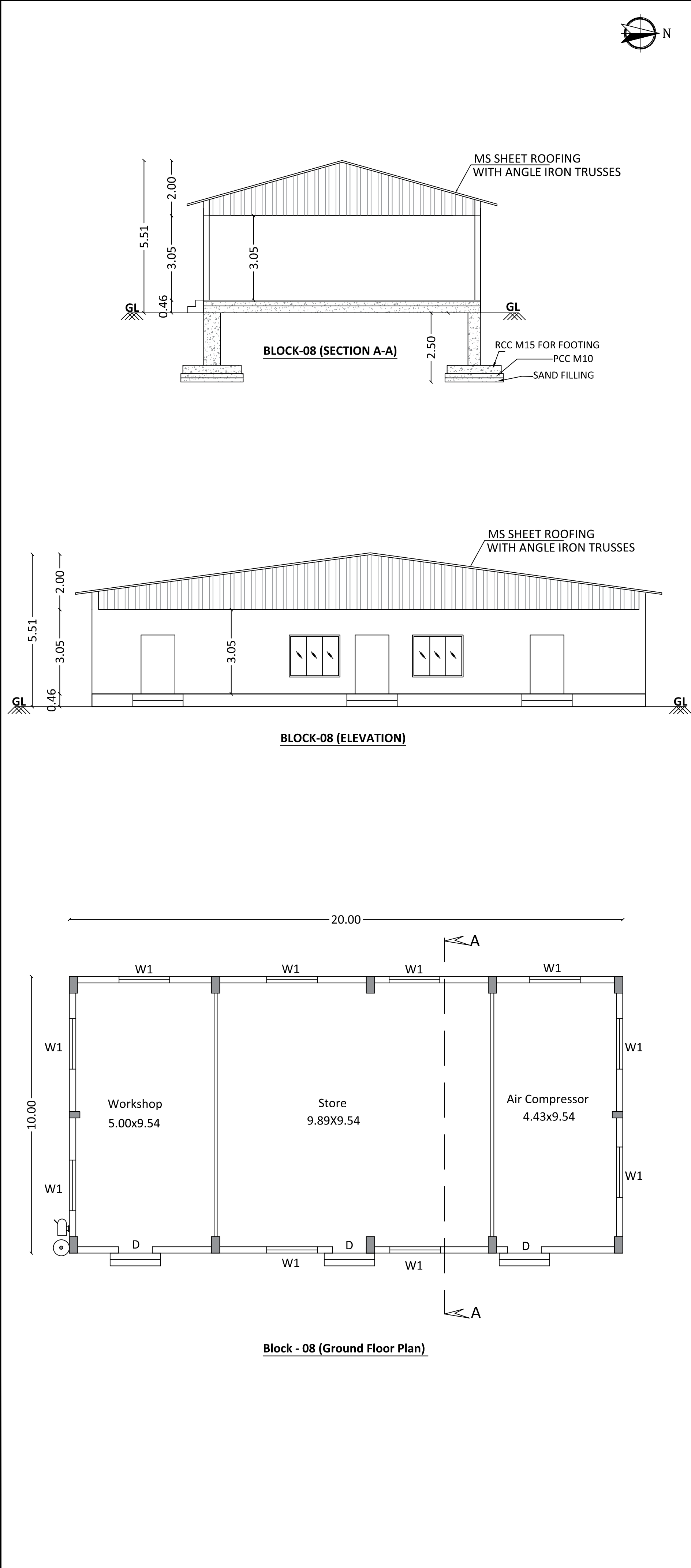
REGISTERED ENGINEER

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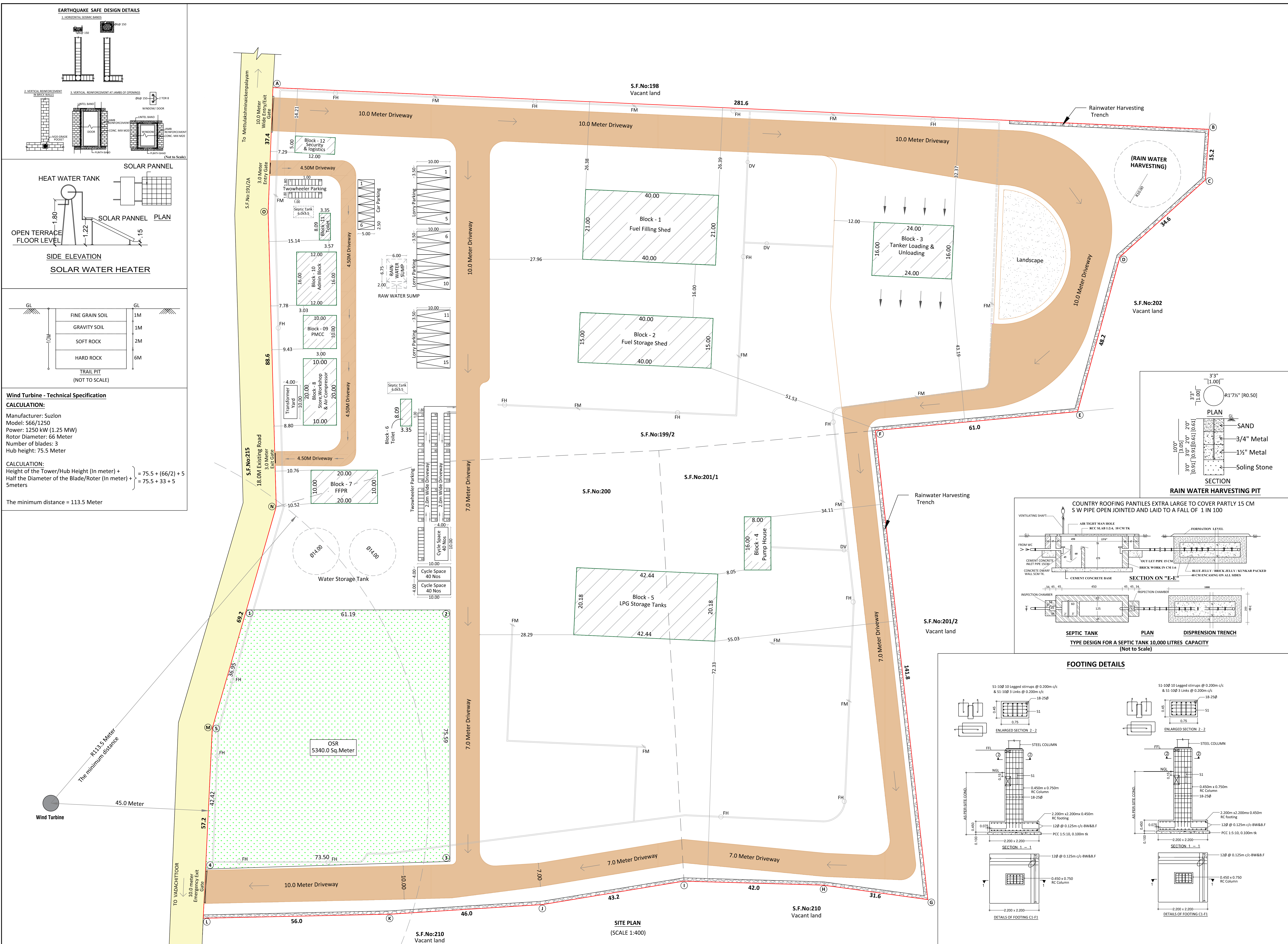
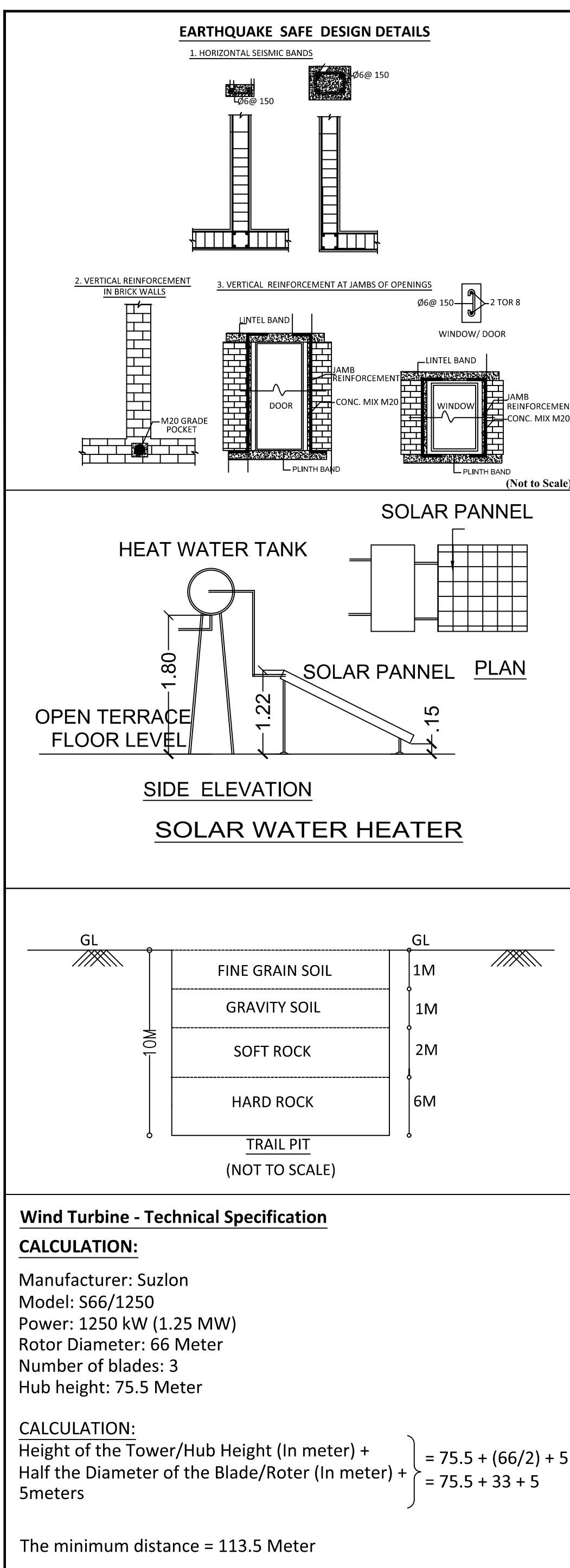
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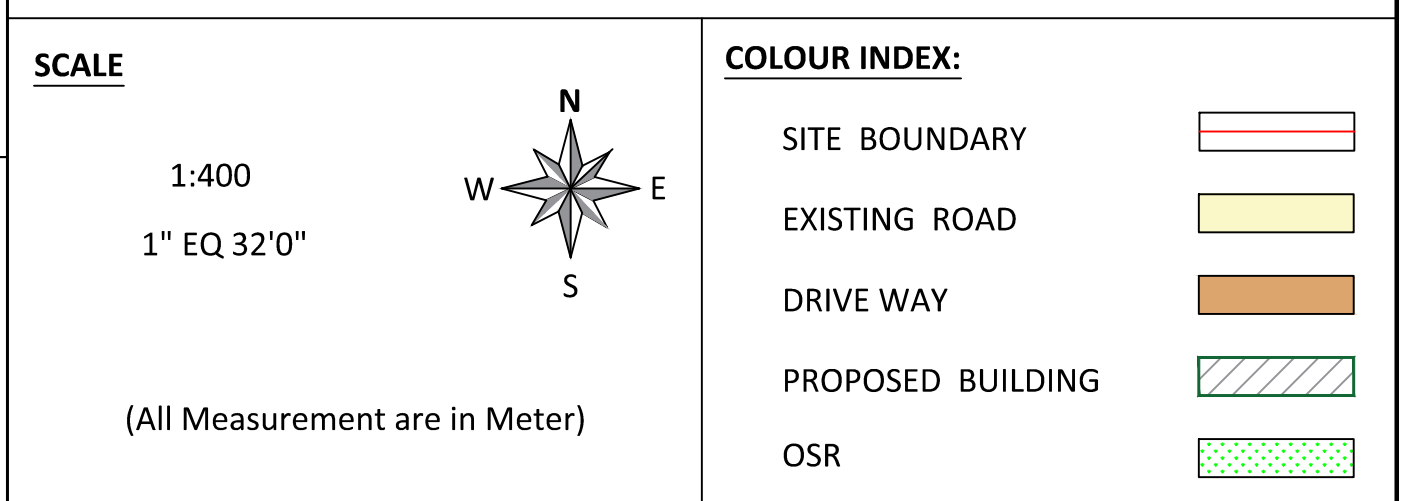


BLOCK 6, 8, 9, 11 & 12 DETAILED PLANS				SHEET NO: 05/05
DETAIL PLAN SHOWING THE PROPOSED CONSTRUCTION OF LPG BOTTLING PLOTTING UNIT INDUSTRY BUILDING WITH 180 HORSE POWER, PETROLEUM, STORAGE AND TRANSFER FACILITY (RED CATEGORY), IN S.F NO:199/2, 200, 201/1, METTUBAVI VILLAGE, KINATHUKADAVU TALUK & S.R.O, COIMBATORE DISTRICT.				
SL NO	DESCRIPTION	FSI AREA SQ.M	NON FSI AREA SQ.M	TOTAL BUILDUP AREA SQ.M
1	(Block - 6) Toilet	27.10	-	27.10
2	(Block - 8) Workshop, Store, Air Compressor	200.00	-	200.00
3	(Block - 9) Power Cum Motor Control Centre	100.00	-	100.00
4	(Block - 11) Toilet	27.10	-	27.10
5	(Block - 12) Security & logistics	60.00	-	60.00
TOTAL AREA		414.20	-	414.20
SCALE 1:100 1" EQ 8'0" (All Measurement are in Meter)				
NOTE  FE - FIRE EXTINGUISHER  EA - EMERGENCY ALARM				
SCHEDULE OF JOINERY				IN METER
D	DOOR	1.22 x 2.13		
D1	DOOR	0.76 x 2.13		
W	WINDOW	1.22 x 1.52		
W1	WINDOW	1.83 x 1.52		
V	VENTILATOR	0.90 x 0.76		



SITE PLAN SHEET NO : 01/05			
SITE PLAN SHOWING THE PROPOSED CONSTRUCTION OF LPG BOTTLING PLOTTING UNIT INDUSTRY BUILDING WITH 180 HORSE POWER, PETROLEUM, STORAGE AND TRANSFER FACILITY (RED CATEGORY), IN S.F. NO: 199/2, 200, 201/1, METTUVAVI VILLAGE, KINATHUKADAVU TALUK & S.R.O, COIMBATORE DISTRICT.			
AREA OF THE DOCUMENT		53418.55 SQ.M (OR) 13.20 ACRE	
AREA OF THE PATTA & FMB		53390.00 SQ.M (OR) 13.1929 ACRE	
AREA OF THE SUPER IMPOSED		53261.91 SQ.M (OR) 13.1613 ACRE	
SL NO.	DESCRIPTION	FSI AREA SQ.M	TOTAL BUILDUP AREA SQ.M
1	(Block - 1) Fuel Filling Shed	840.00	840.00
2	(Block - 2) Fuel Storage Shed	600.00	600.00
3	(Block - 3) Tanker Loading&Unloading	384.00	384.00
4	(Block - 4) Pump House	128.00	128.00
5	(Block - 5) LPG Storage Tanks	856.44	856.44
6	(Block - 6) Toilet	27.10	27.10
7	(Block - 7) Fire Fighting Pump Room (FFPR)	200.00	200.00
8	(Block - 8) Workshop, Store, Air Compressor	200.00	200.00
9	(Block - 9) Power Cum Motor Control Centre (PMCC)	100.00	100.00
10	(Block - 10) Admin Room	192.00	192.00
11	(Block - 11) Toilet	27.10	27.10
12	(Block - 12) Security & logistics	60.00	60.00
TOTAL AREA		3614.64	3614.64

CALCULATION:			
<u>As Per Document / Patta</u>			
PLOT COVERAGE (P.C)	-	$\frac{3614.64}{53390.00}$	$\times 100 = 6.77\%$
FLOOR SPACE INDEX (FSI)	-	$\frac{3614.64}{53390.00}$	$= 0.067$
<u>As Per Super-Imposed</u>			
PLOT COVERAGE (P.C)	-	$\frac{3614.64}{53261.91}$	$\times 100 = 6.79\%$
FLOOR SPACE INDEX (FSI)	-	$\frac{3614.64}{53261.91}$	$= 0.068$
OSR - Land Area $\times 10\%$ - 53390.0 Sq.M $\times 10\%$ - 5339.0 Sq.M (required) - 5340.0 Sq.M (Provided) (10.00%)			



PARKING DETAILS:		
DESCRIPTION	REQUIRED	PROVIDED
TWO WHEELER PARKING	73 NOS	120 NOS
CYCLE SPACE	73 NOS	120 SQM
LORRY PARKING	08 NOS	15 NOS
CAR PARKING	0 NOS	06 NOS

NOTE 1- FE - FIRE EXTINGUISHER EA - EMERGENCY ALARM FH - FIRE HYDRAUNT FM - FIRE MONITOR DV - DELUGE VALVE	NOTE 2- TOTAL POWER IN HP - 180 HP NO OF WORKERS - 35 NOS
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ONLINE APPLICATION No. SWP/BPA/010371/2023
SWP / SITE APPROVAL / L.P / C.L.P No. 376/2023
SWP / BUILDING PERMISSION No. 61/2023

For TOTAL OIL INDIA PRIVATE LIMITED



Authorised Signatory

APPLICANT

S. SAJEESH
M.E. (Structural Engineering)
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REGISTERED ENGINEER

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REGISTERED STRUCTURAL ENGINEER