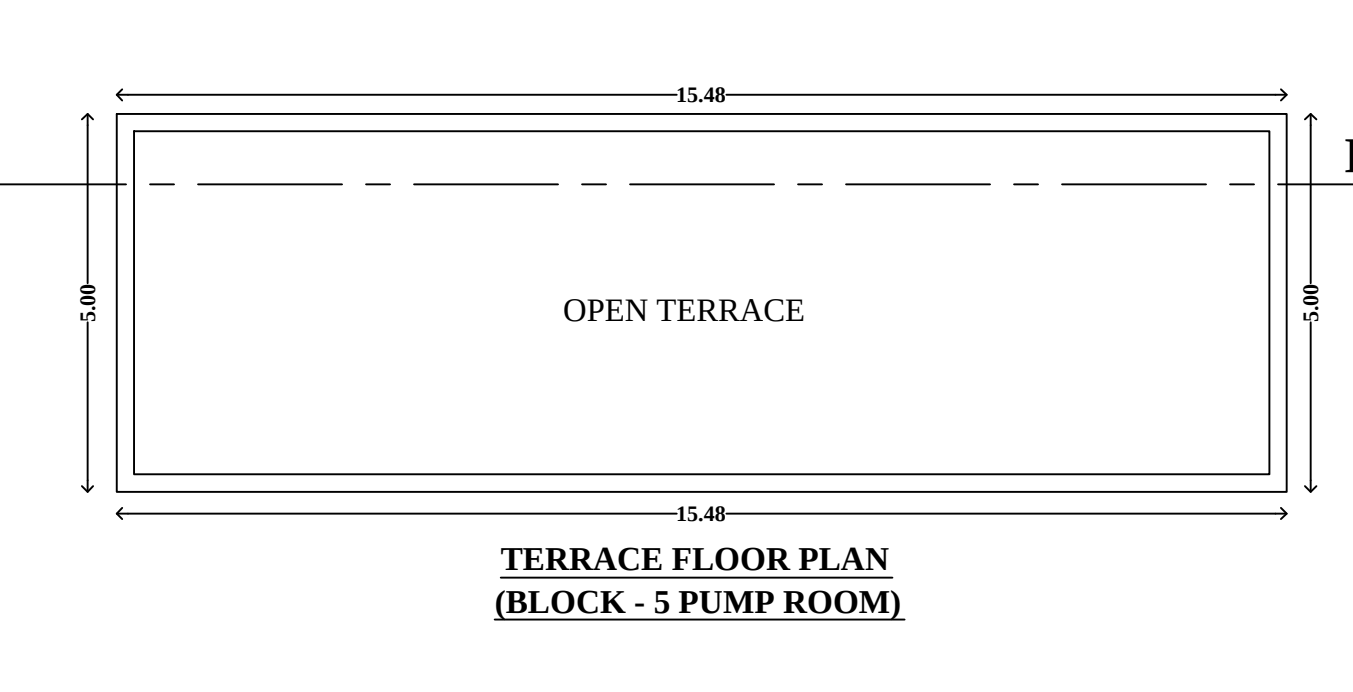
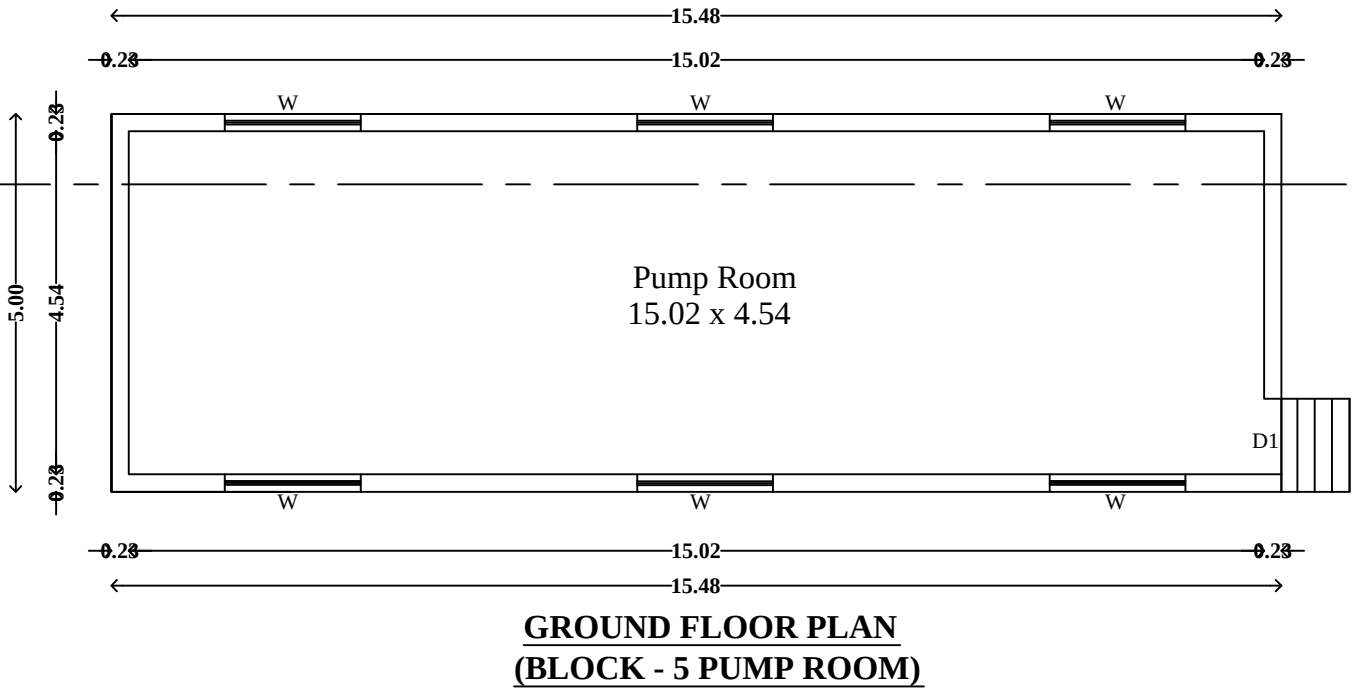
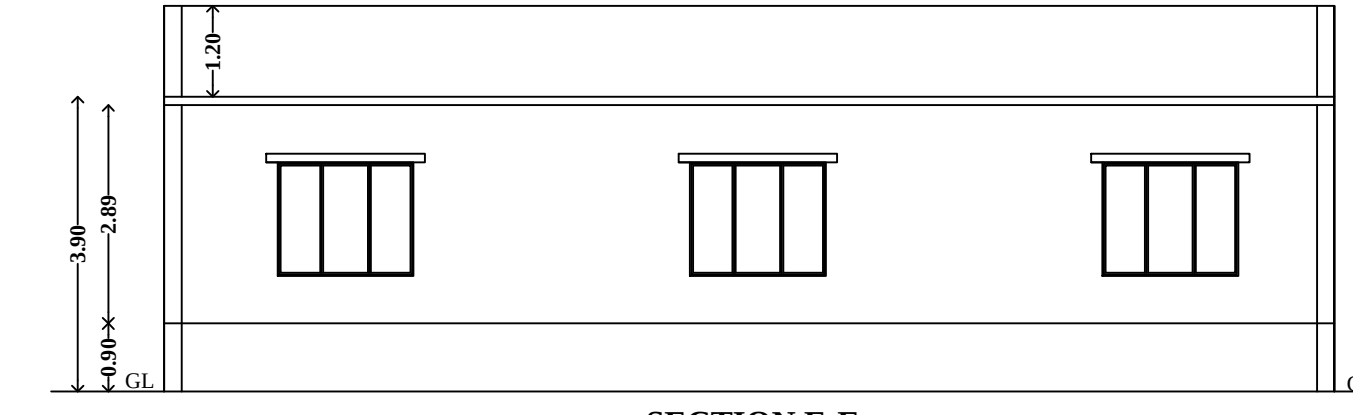
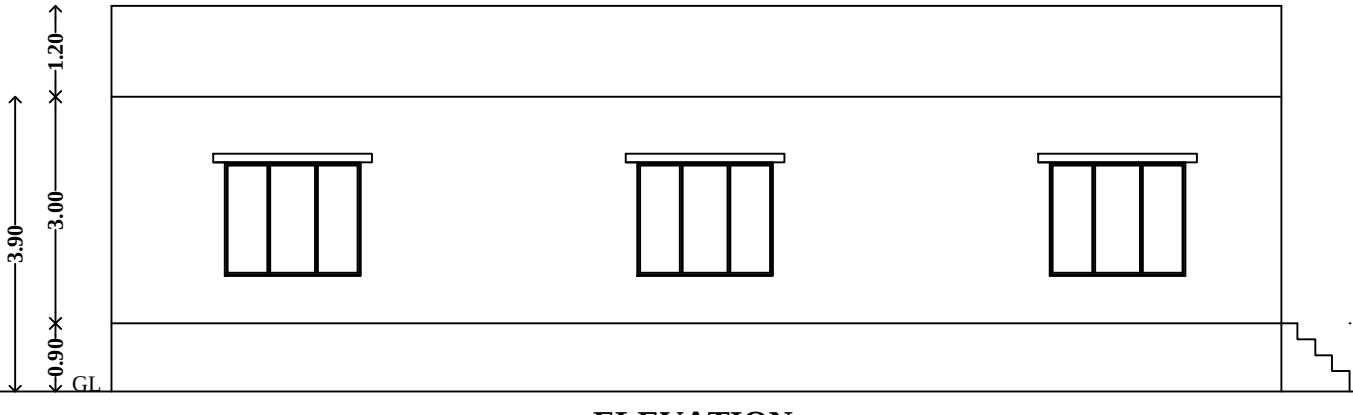
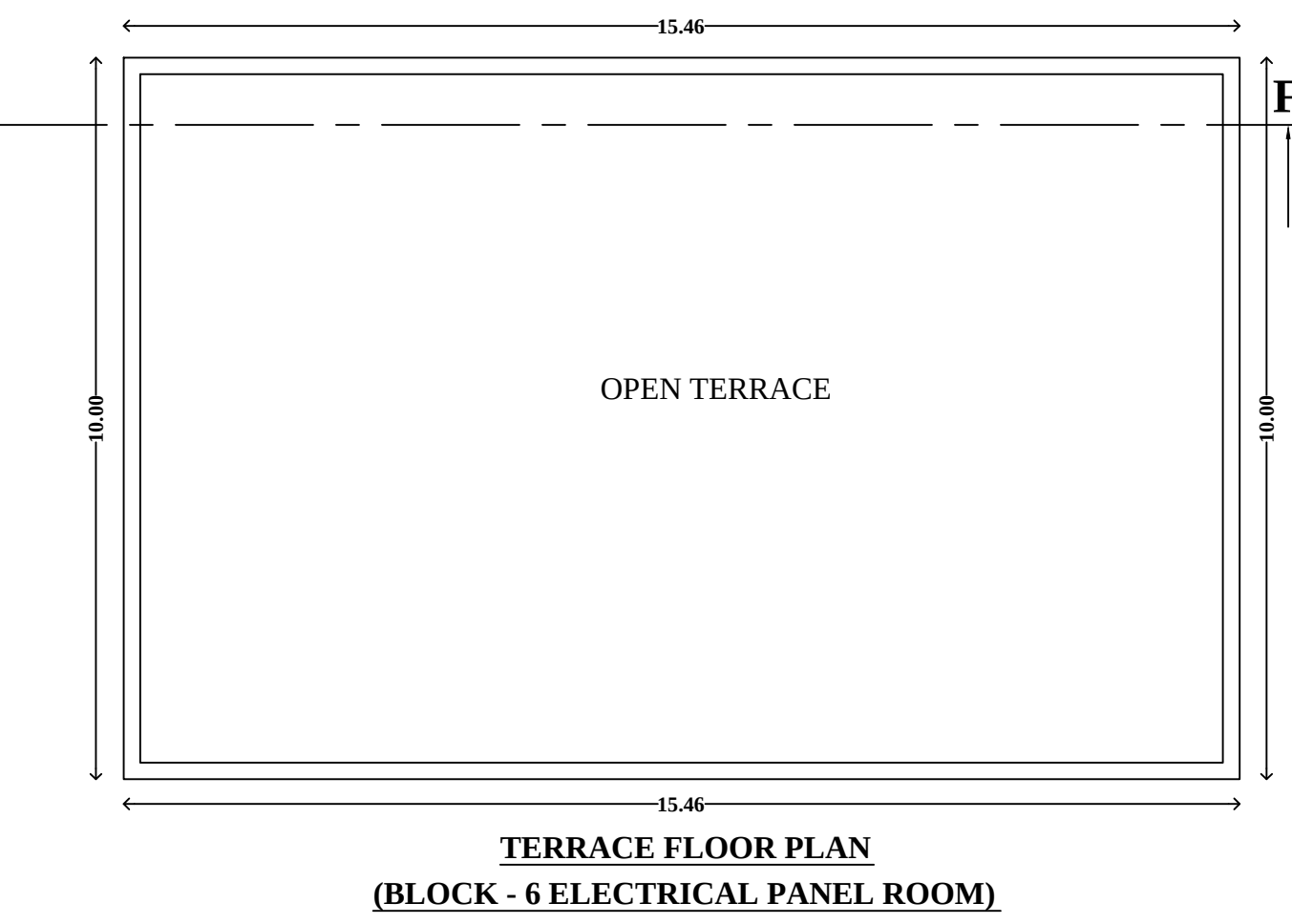
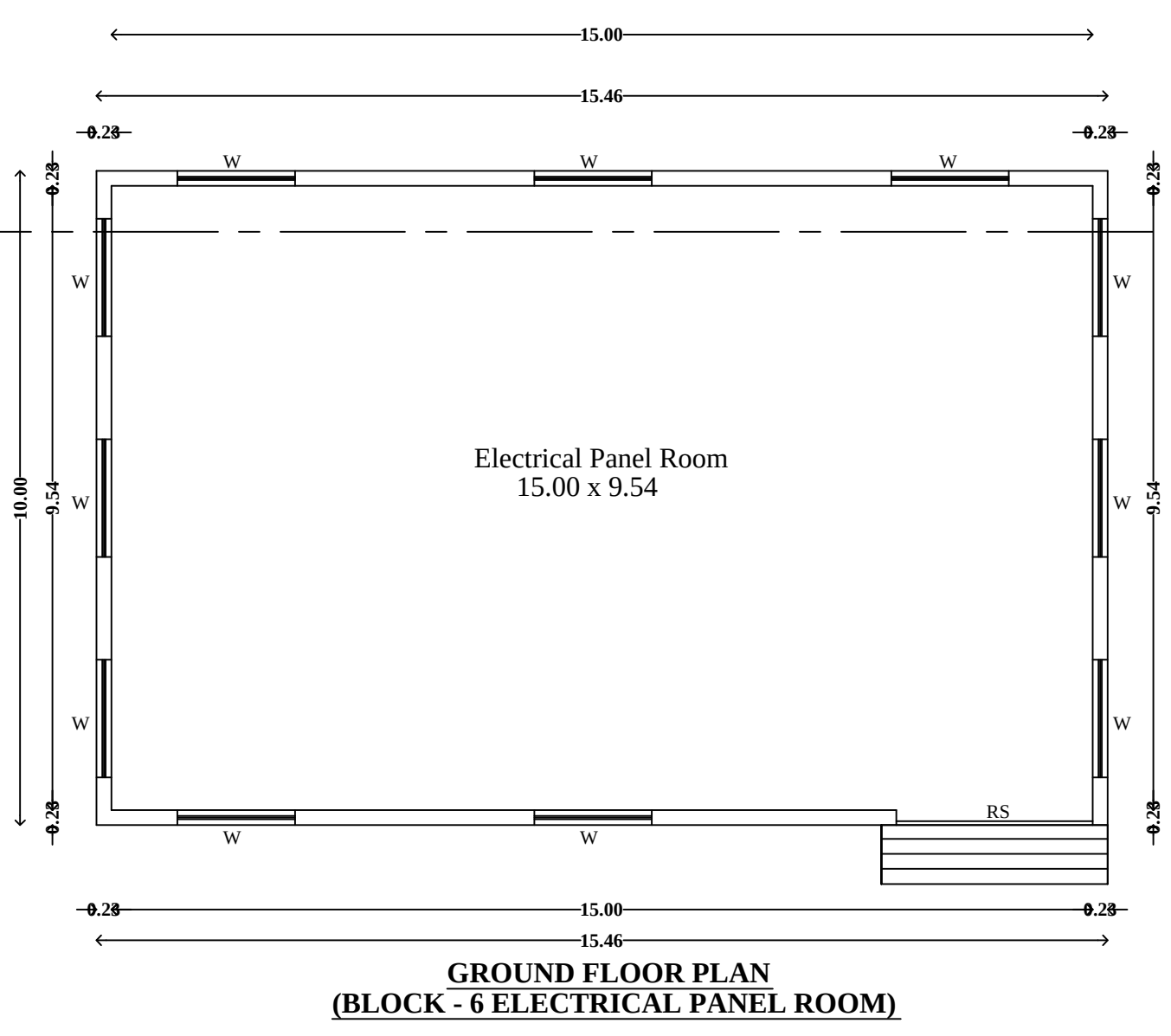
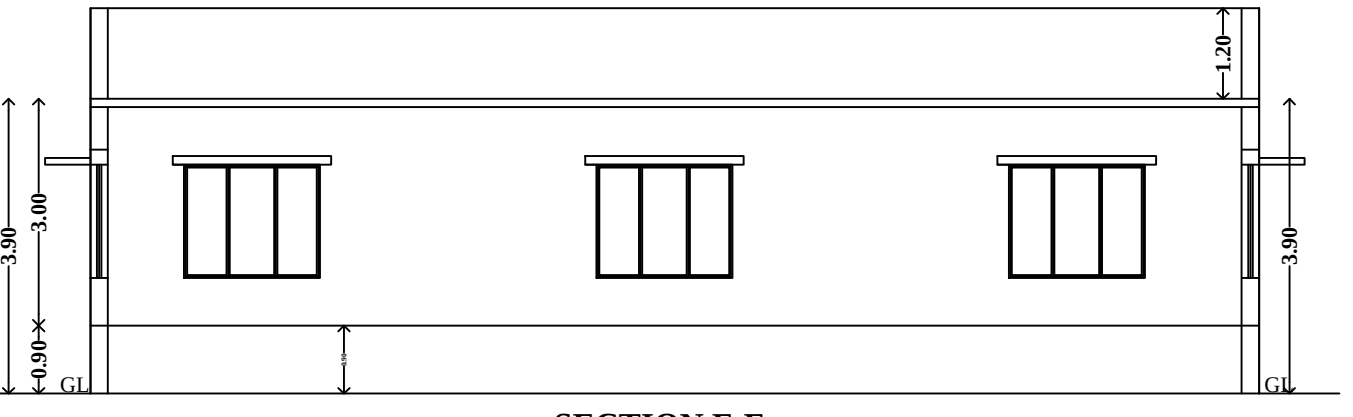
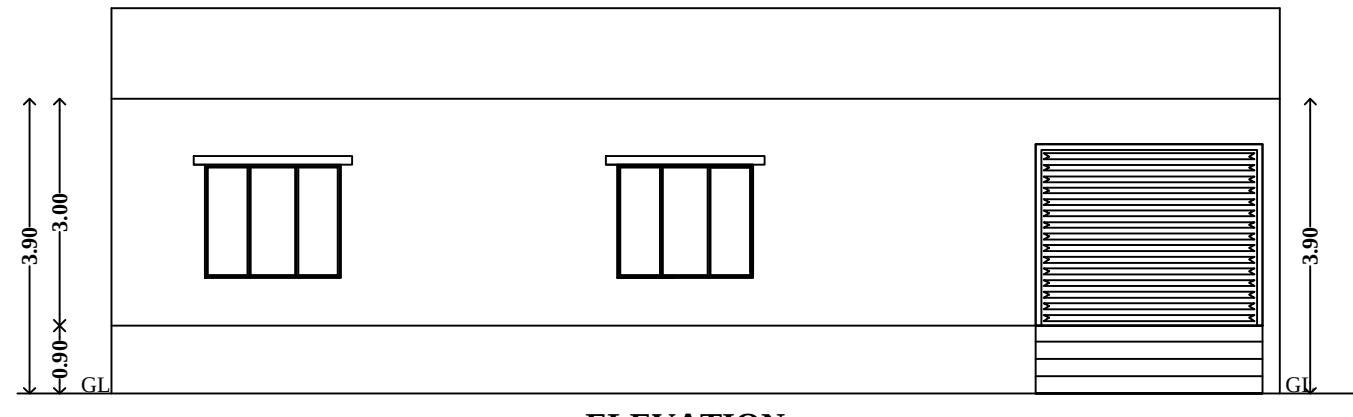
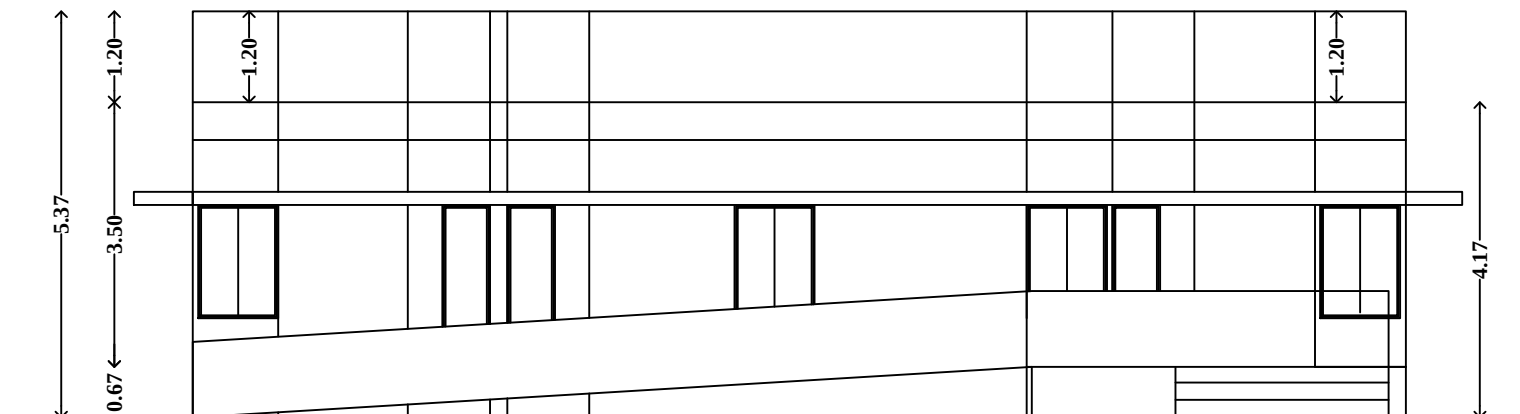
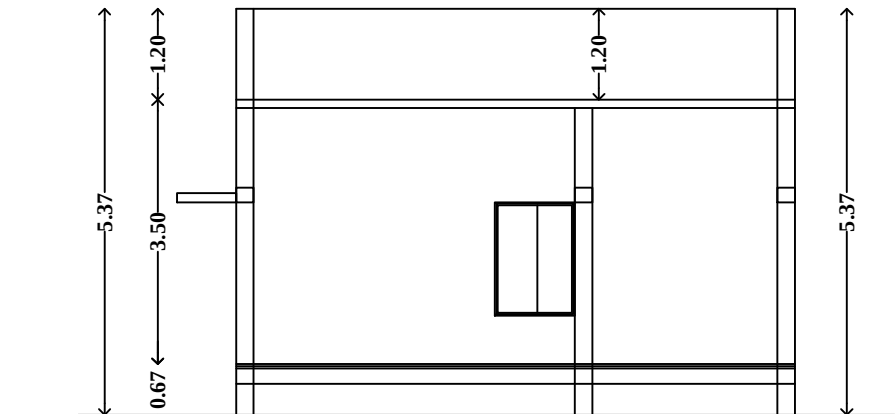
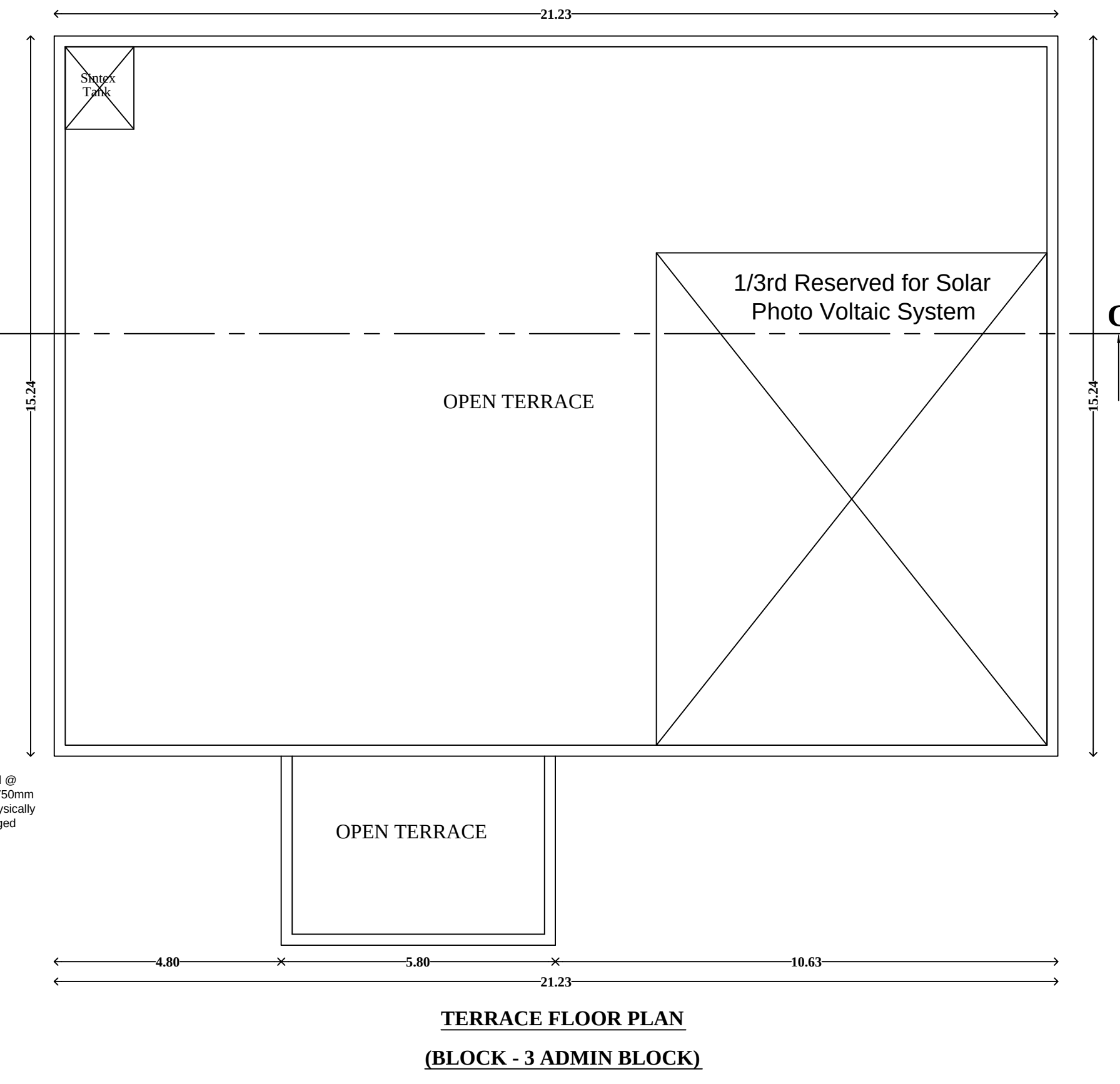
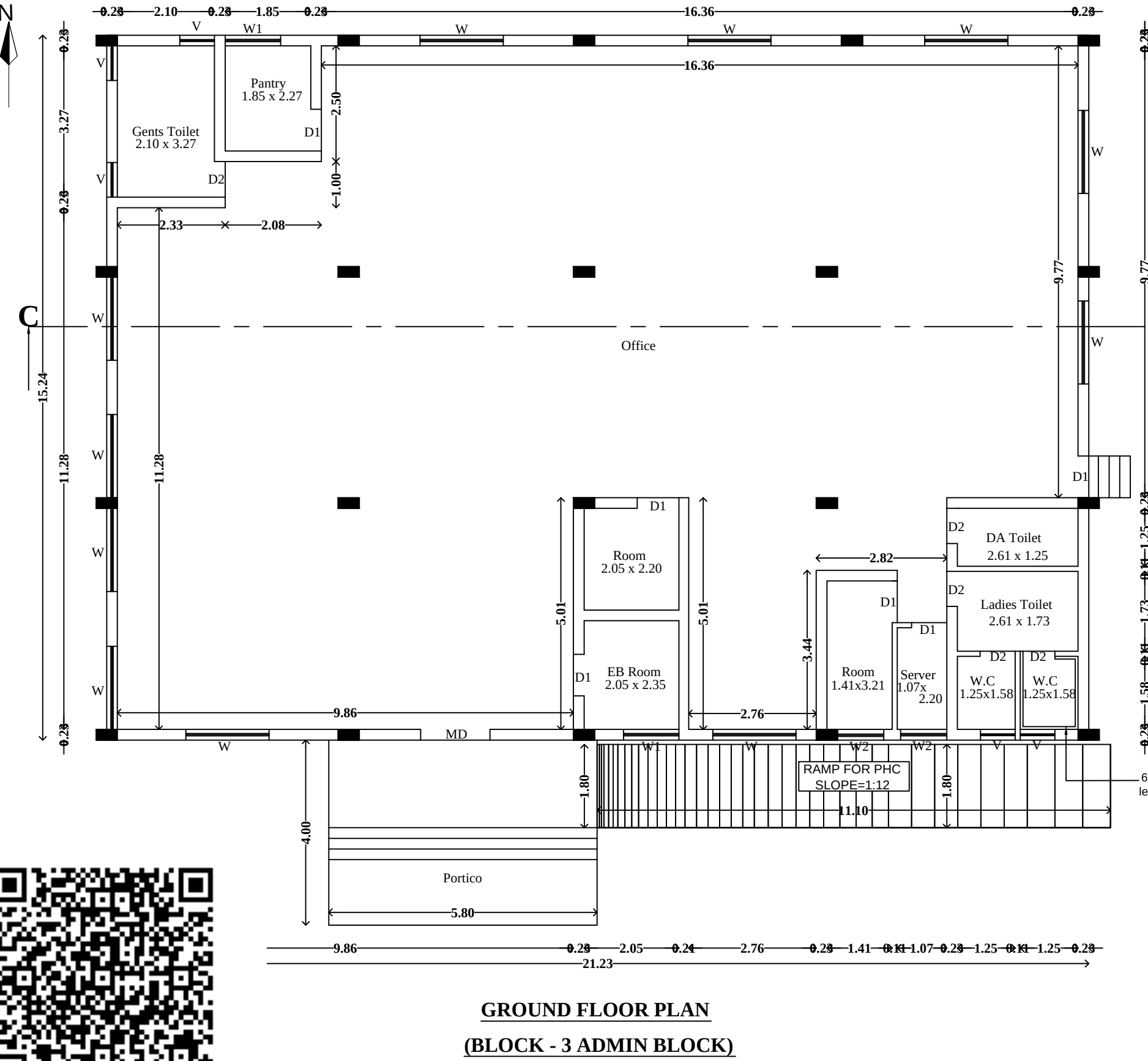
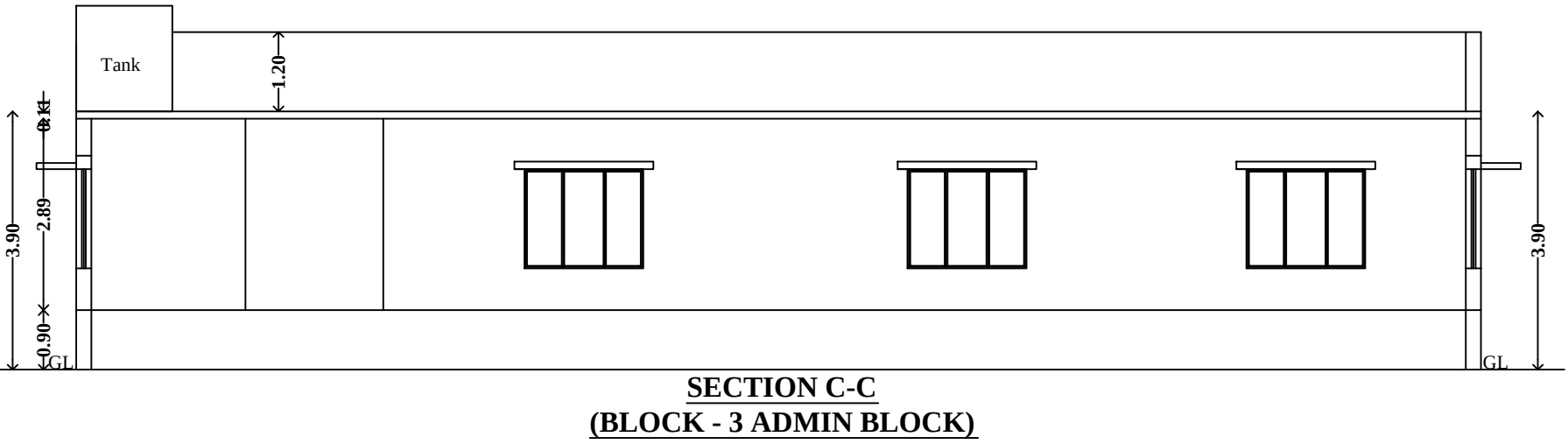
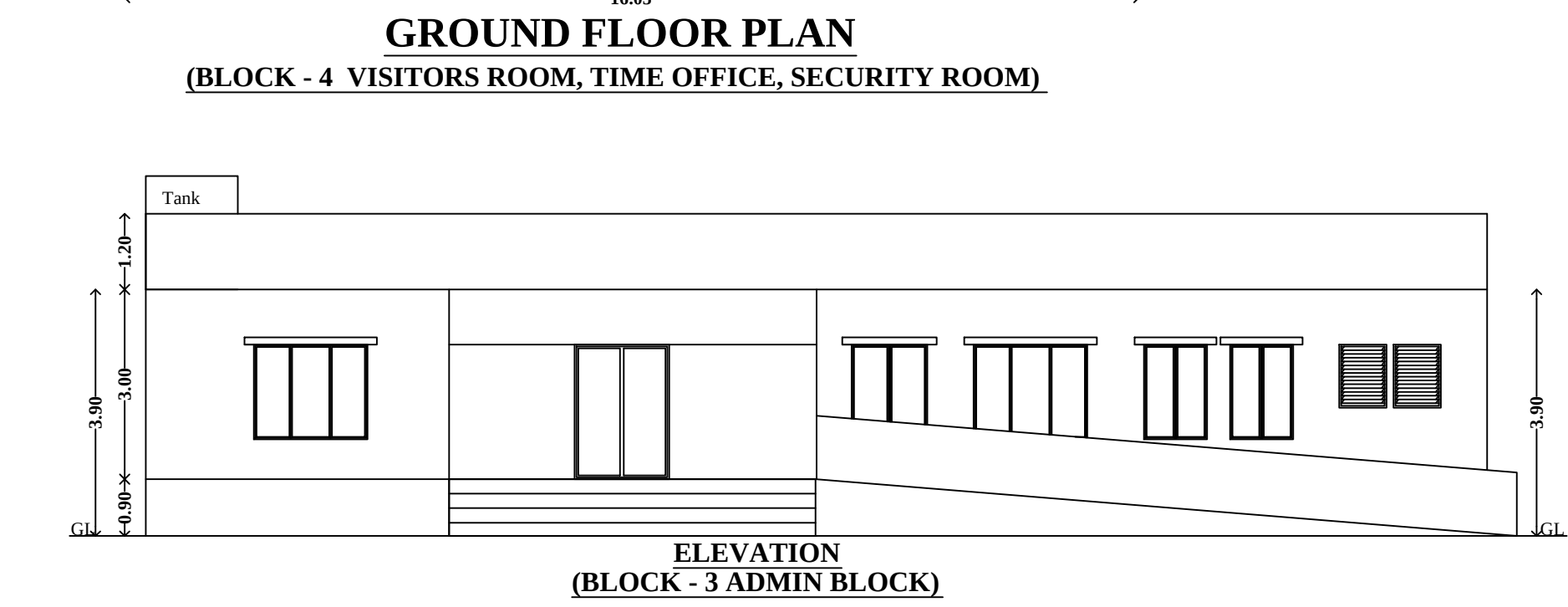
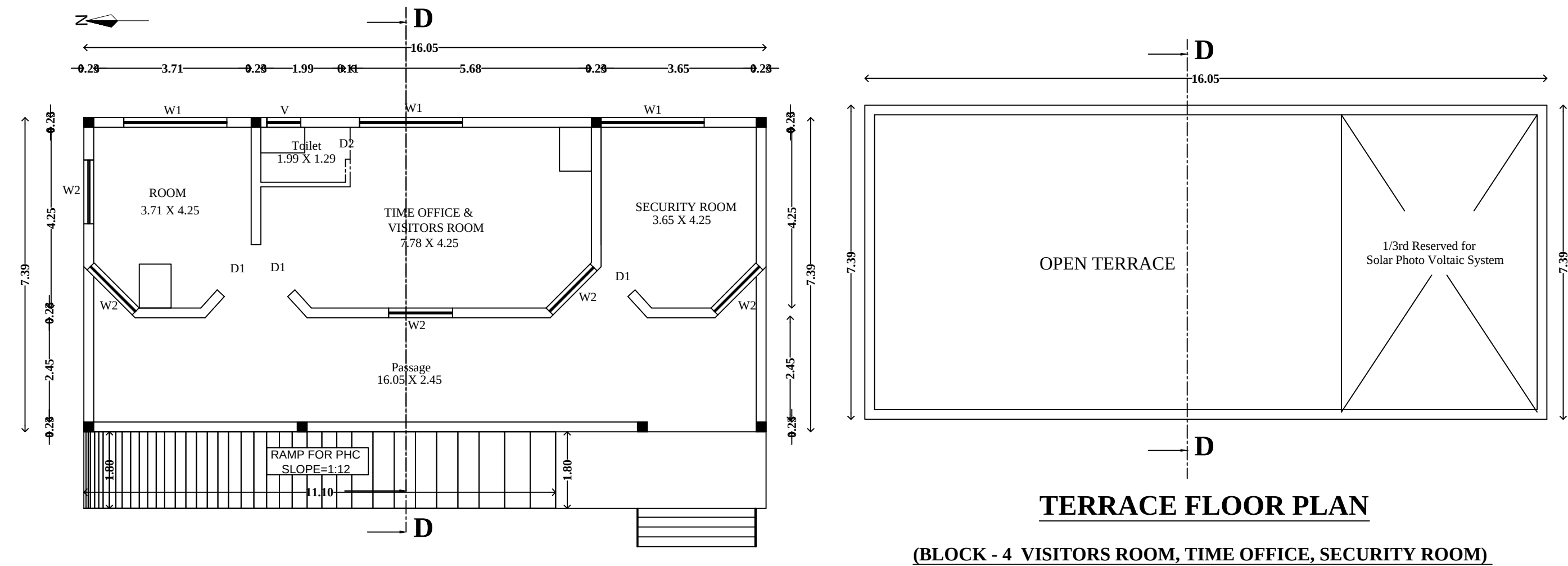


PLAN SHOWING THE INDUSTRIAL BUILDING (ORANGE INDUSTRIES SL.NO:36,WIRE DRAWING COLD PROCESS AND BAILING STRAPS)

AT PLOT NO:L-9(1) SIPCOT INDUSTRIAL PARK COMPRISED IN S.NO:187 PART, 188 PART AND 195 PART OF MAMBAKKAM

VILLAGE, SRIPERUMBUDUR TALUK, KANCHEEPURAM DISTRICT.



SPECIFICATION
SAND FILLING FOR FOUNDATION AND BASEMENT
P.C.C 1:4:8 FOR FOUNDATION AND BASMENT
200mm BLOCK WORK WALLS IN C.M. 1:5
100mm BLOCK WORK WALLS IN C.M. 1:3
ALL R.C.C WORKS M 25 GRADE CONCRETE
CELING PLASTERING IN CEMENT MORTOR 1:3
WEATHERING COURSE USING BRICK JELLY & LIME CONCRETE IN 1:3 RATIO
CLAY TILES IN TERRACE FLOOR USING CM 1:4
WALLS & CELING WITH CEMENT PAINT
DOORS & WINDOWS WITH ENAMEL PAINT
CERAMIC FLOORING IN CM 1:3

JOINERY DETAILS		SCALE 1: 100
TYPE	DESCRIPTION	SIZE
		METRE
D	DOOR	1.50 X 2.13
D2	DOOR	0.76 X 2.13
W	WINDOW	2.44 X 5.25
V	VENTILATOR	0.76 X 0.61
R.S	ROLLING SHUTTER	6.10 x 3.50

COLOUR INDEX
PROPOSED
BOUNDARY
ROAD

For USMA MARTIN LIMITED

[Signature]

Authorised Signatory

OWNER

S. ATHIYAMAN, B.E, MIE, FV

Chartered Engineer and Govt Approved Valuer

Registered Engineer Gr-I with CMDA Reg. No. RE/G-1/19/05/165 Dt.15-5-19

and Greater Chennai corporation Reg. No. RE/1/62/2019 Dt. 24-8-19

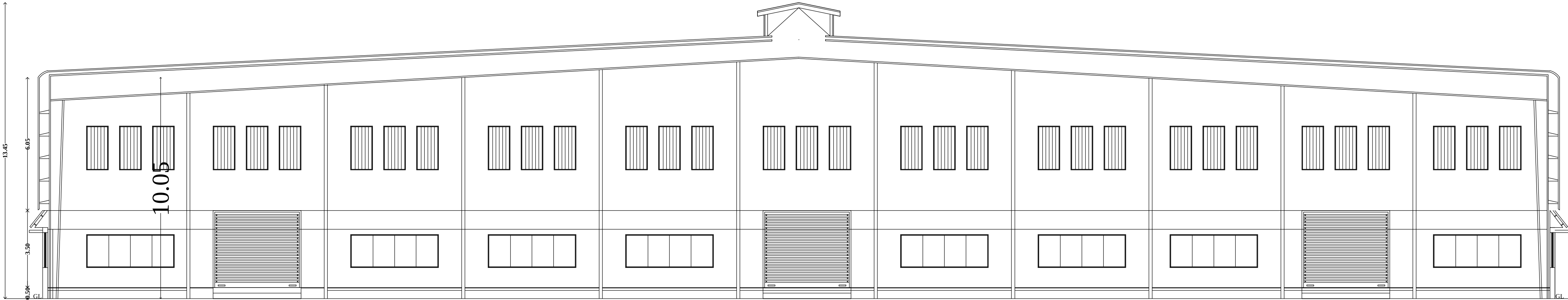
and DTCP Reg.No.CGLRGN/RE-Gr-I/2019/05/006 Dt. 17-05-19

New No. 5, Nathamuni street, T.Nagar, Chennai - 600017.

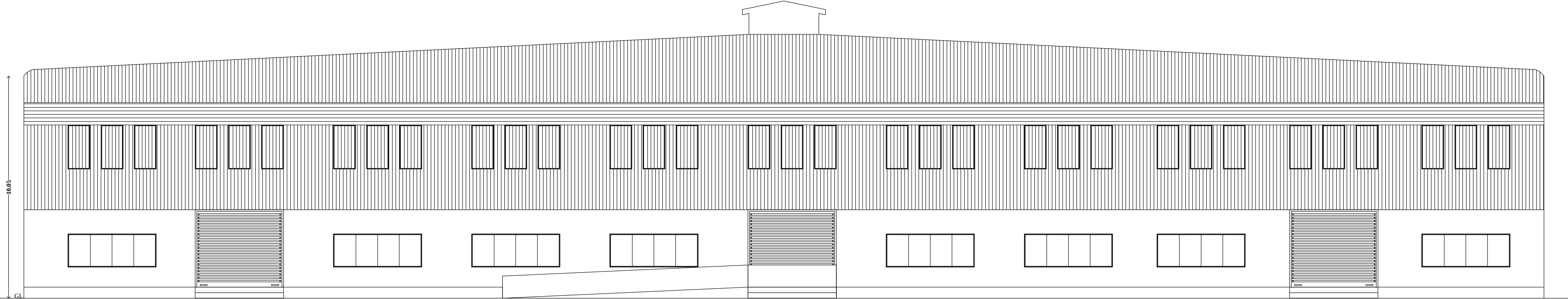
Ph:9940611121 / 28156824

Email:athiyamanassociates@yahoo.com

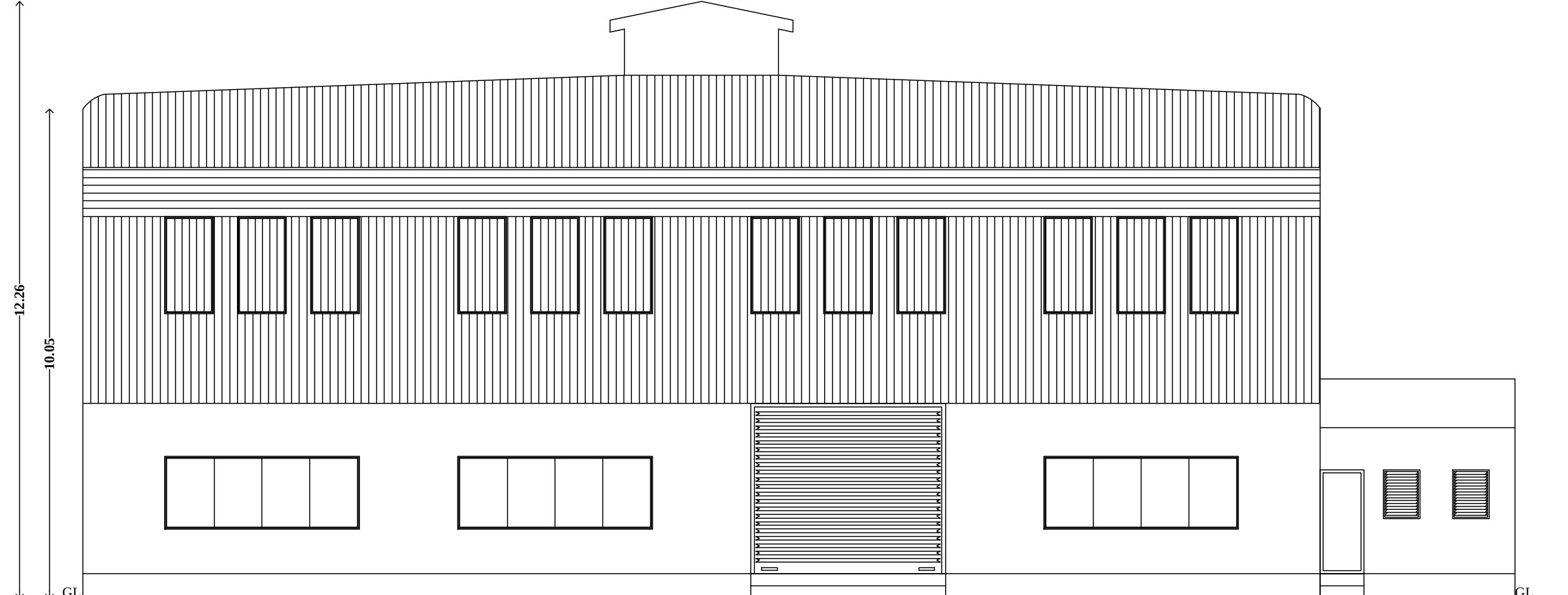
REGISTERED ENGINEER



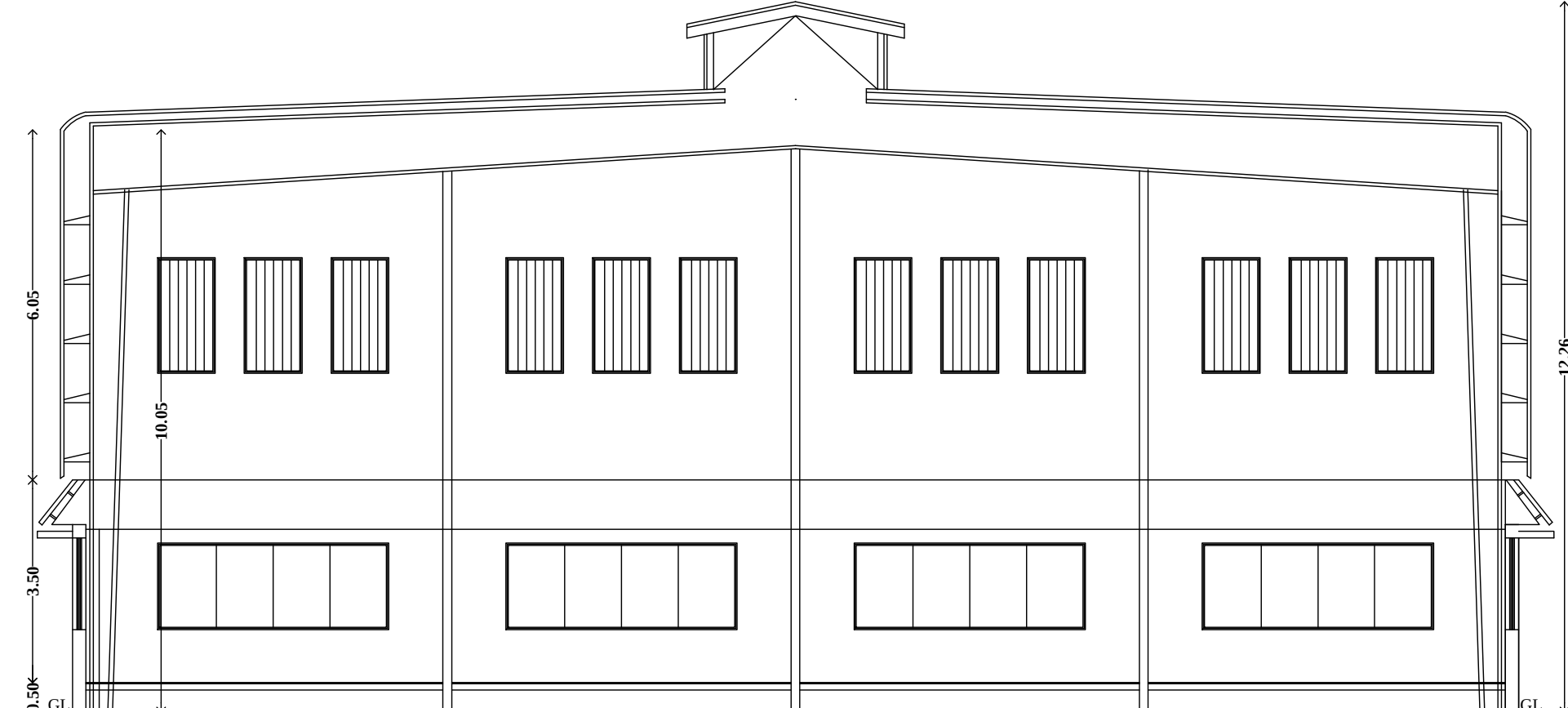
SECTION A-A
(BLOCK - 1 MAIN SHED /RAW MATERIAL YARD)



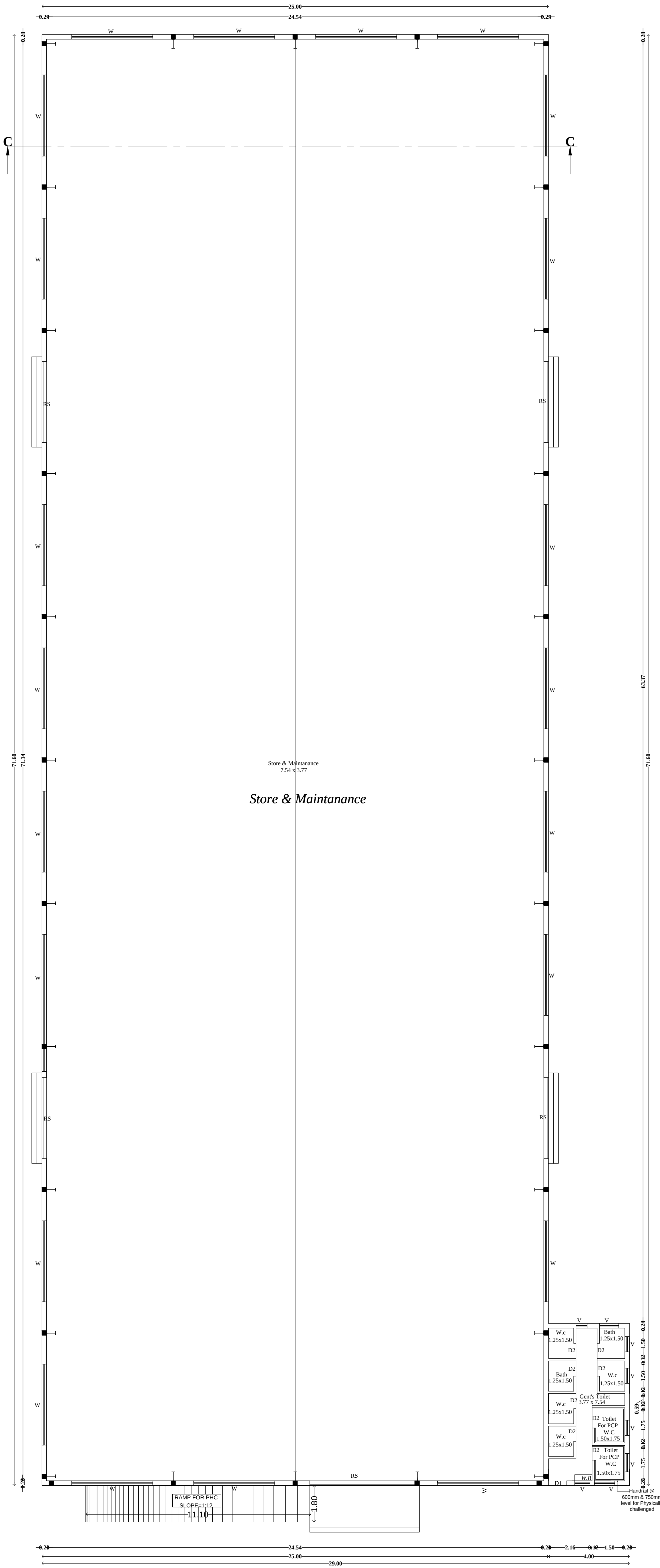
ELEVATION
(BLOCK - 1 MAIN SHED /RAW MATERIAL YARD)



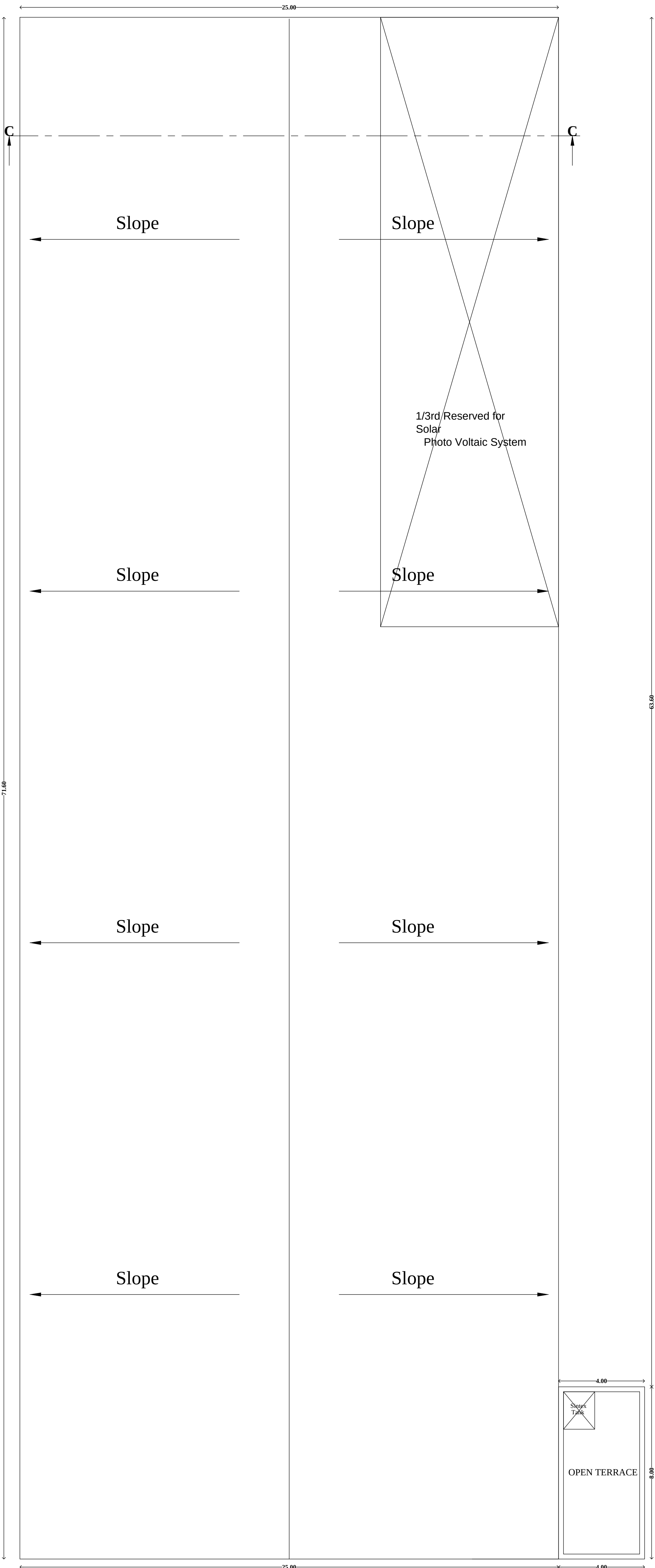
ELEVATION
(BLOCK - 2 STORE, MAINTENCE, QA - LAB, UTILITIES)



SECTION B-B
(BLOCK - 2 STORE, MAINTENCE, QA - LAB, UTILITIES)



GROUND FLOOR
(BLOCK - 2 STORE, MAINTENCE, QA - LAB, UTILITIES)



TERRACE FLOOR PLAN
(BLOCK - 2 STORE, MAINTENCE, QA - LAB UTILITIES)

PLAN SHOWING THE INDUSTRIAL BUILDING
(ORANGE INDUSTRIES SL.NO:36,WIRE DRAWING
COLD PROCESS AND BAILING STRAPS)
AT PLOT NO-L-9(I) SIPCOT INDUSTRIAL
PARK COMPRISED IN S.NO:187 PART,
188 PART AND 195 PART OF MAMBAKKAM
VILLAGE, SRIPERUMBUDUR TALUK,
KANCHEEPURAM DISTRICT.

SPECIFICATION

SAND FILLING FOR FOUNDATION AND BASEMENT
P.C.C 1:4:8 FOR FOUNDATION AND BASMENT
200mm BLOCK WORK WALLS IN C.M. 1:5
100mm BLOCK WORK WALLS IN C.M. 1:3
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LIME CONCRETE IN 1:3 RATIO
CLAY TILES IN TERRACE FLOOR USING CM 1:4
WALLS & CELING WITH CEMENT PAINT
DOORS & WINDOWS WITH ENAMEL PAINT

CERAMIC FLOORING IN CM 1:3

JOINERY DETAILS

SCALE 1: 100

TYPE	DESCRIPTION	SIZE METER
D	DOOR	1.50 X 2.13
D2	DOOR	0.76 X 2.13
W	WINDOW	2.44 X 5.25
V	VENTILATOR	0.76 X 0.61
R.S	ROLLING SHUTTER	6.10 x 3.50

COLOUR INDEX

PROPOSED ROAD

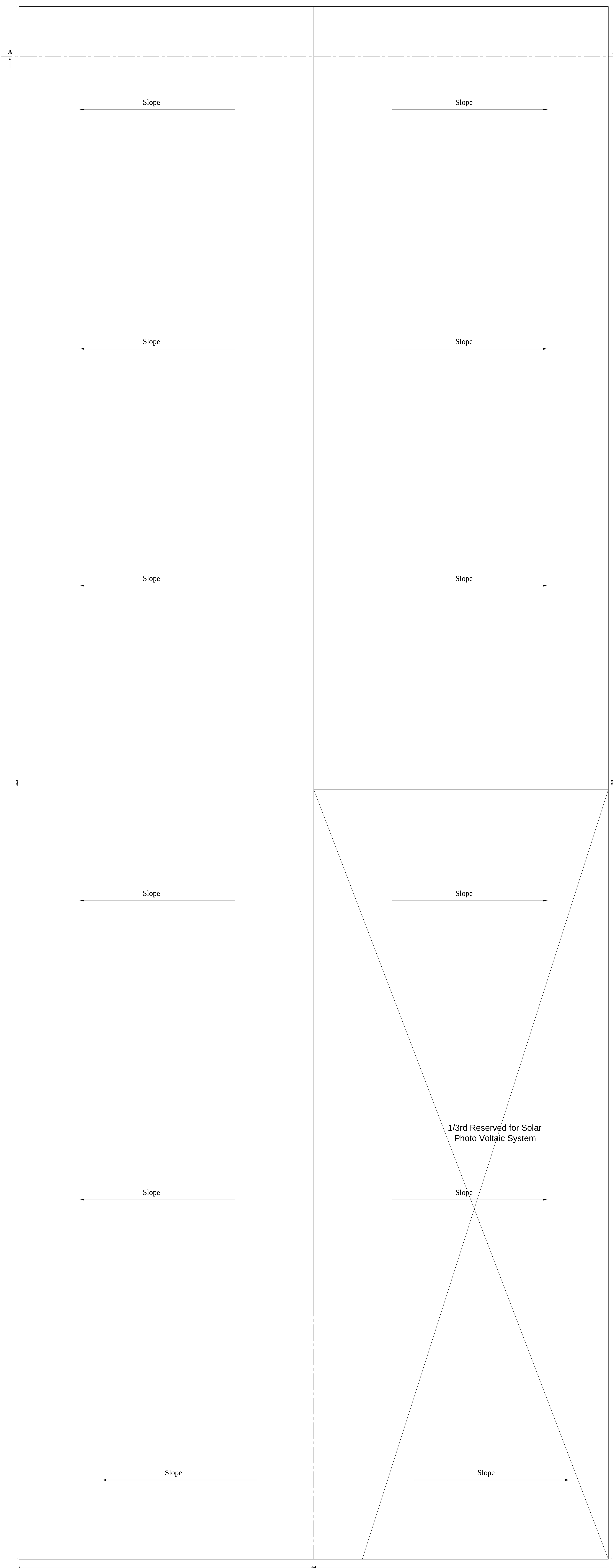
BOUNDARY

For USMA MARTIN LIMITED
Authorized Signatory

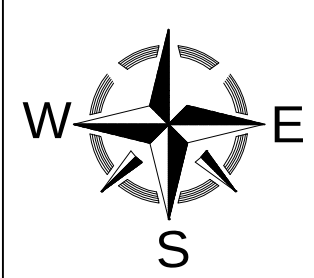
OWNER

S. ATHIYAMAN, B.E, MIE, FIV
Chartered Engineer and Sanctioned Valuer
Registered Engineer G-1 with CMAA Reg. No. RE/G-1/195/193 Dt.15.5.19
and Orinor Chennai Corporation Reg. No. RE/1/22/19 Dt. 24.5.19
and DTCP Reg.No.CC/BONARE/G-4/2019/19/08 Dt. 17.05.19
New No. 5, Nathamun Street, 1 Nagar, Chennai - 600017.
Ph:9940611121 / 28156824
Email:athiyamassociates@yahoo.com

REGISTERED ENGINEER



TERRACE FLOOR PLAN
(BLOCK - 1 WORK SHOP)



PLAN SHOWING THE INDUSTRIAL BUILDING
(ORANGE INDUSTRIES SL.NO:36,WIRE DRAWING
COLD PROCESS AND BAILING STRAPS)
AT PLOT NO:L-9(1) SIPCOT INDUSTRIAL
PARK COMPRISED IN S.NO:187 PART,
188 PART AND 195 PART OF MAMBAKKAM
VILLAGE, SRIPERUMBUDUR TALUK,
KANCHEEPURAM DISTRICT.

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COLOUR INDEX
PROPOSED
BOUNDARY
ROAD

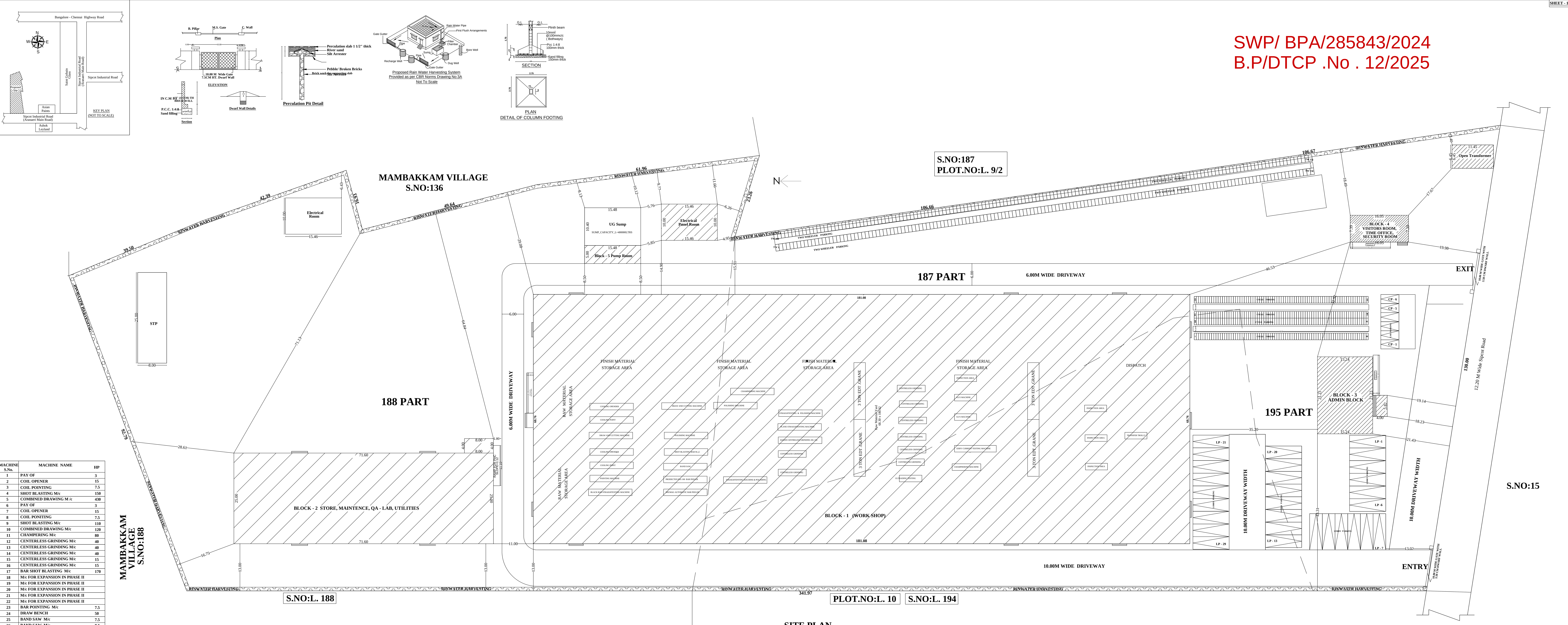
For USMA MARTIN LIMITED
Authorized Signatory

OWNER

S. ATHIYAMAN, B.E. MIE, FIV
Civil and Structural Engineering
Engineer (General) with 2000 Reg. No. 62-105953-0549
and Designation as per Reg. No. 62-105953-0549
and 62-105953-0549
New No. 1, Narayana Street, Thiruvananthapuram, 695 001.
Ph: 2468611/111, 2468612
Email: athiyamanusa@gmail.com

REGISTERED ENGINEER

SWP/ BPA/285843/2024
B.P/DTCP .No . 12/2025



MACHINE S.No.	MACHINE NAME	HP
1	PAY OF	3
2	COIL OPENER	15
3	COIL POINTING	7.5
4	SHOT BLASTING M/c	150
5	COMBINED DRAWING M/c	430
6	PAY OF	3
7	COIL OPENER	15
8	COIL POINTING	7.5
9	SHOT BLASTING M/c	110
10	COMBINED DRAWING M/c	120
11	CHAMPERING M/c	80
12	CENTERLESS GRINDING M/c	40
13	CENTERLESS GRINDING M/c	40
14	CENTERLESS GRINDING M/c	40
15	CENTERLESS GRINDING M/c	15
16	CENTERLESS GRINDING M/c	15
17	BAR SHOT BLASTING M/c	170
18	M/c FOR EXPANSION IN PHASE II	
19	M/c FOR EXPANSION IN PHASE II	
20	M/c FOR EXPANSION IN PHASE II	
21	M/c FOR EXPANSION IN PHASE II	
22	M/c FOR EXPANSION IN PHASE II	
23	BAR POINTING M/c	7.5
24	DRAW BENCH	50
25	BAND SAW M/c	7.5
26	BAND SAW M/c	7.5
27	STRAIGHTENING & POLISHING M/c	85
28	TWO PLANE STRAIGHTENING M/c	85
29	CENTERLESS GRINDING M/c	15
30	CENTERLESS GRINDING M/c	15
31	CENTERLESS GRINDING M/c	50
32	HEX BELT POLISHER	30
33	BLACK BAR STRAIGHTENING M/c	110
34	M/c FOR EXPANSION IN PHASE II	
35	PEELING M/c	135
36	STRAIGHTENING & POLISHING M/c	85
37	CENTERLESS GRINDING M/c	50
38	CENTERLESS GRINDING M/c	50
39	CENTERLESS GRINDING M/c	50
40	CHAMPERING M/c	80
TOTAL		2173.50

PLAN SHOWING THE INDUSTRIAL BUILDING (ORANGE INDUSTRIES S.L.NO:36,WIRE DRAWING COLD PROCESS AND BAILING STRAPS) AT PLOT NO:1-9(1) SIPCOT INDUSTRIAL PARK COMPRISED IN S.NO:187 PART, 188 PART AND 195 PART OF MAMBAKKAM VILLAGE, SRIRAMPUDUR TALUK, KANCHEEPURAM DISTRICT.

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SCALE 1: 200

COLOUR INDEX
PROPOSED ROAD
BOUNDARY
REF:-
LAYOUT APPROVED VIDE NO: L.P/DTP.
NO:439/ 2018, BY COMMISSIONER OF
DTCP
PLOT EXTENT 40913.38 SQ.M.

AREA STATEMENT			
	FSI AREA SQ.M.	NON FSI AREA SQ.M.	TOTAL BUILD UP AREA SQ.M.
BLOCK-1 - ED			
GROUND FLOOR	12451.06		12451.06
BLOCK-2 - STORE, MAINTENANCE, QA - LAB AND UTILITIES - G.L SHEET			
GROUND FLOOR	1822.00		1822.00
BLOCK-3 - R.C.C ROOF- ADMIN BLOCK			
GROUND FLOOR	323.55		323.55
PORTICO	23.20		23.20
BLOCK-4 - R.C.C ROOF -VISITORS ROOM, TIME OFFICE & SECURITY ROOM)			
GROUND FLOOR	118.61		118.61
BLOCK-5 - PUMP ROOM			
GROUND FLOOR	77.40		77.40
BLOCK-6 - ELECTRICAL PANEL ROOM			
GROUND FLOOR	154.60		154.60
TOTAL	14978.42		14978.42
TOTAL FSI AREA - 14978.42 sq.m.			
FSI CALCULATION:			
TOTAL FSI AREA / PLOT AREA = 14978.42 sq.m. / 40913.38 sq.m. = 0.365			
HORSE POWER ----- 2173.50 HP			

CAR PARKING REQUIRED - 5 NOS
CAR PARKING PROVIDED - 6 NOS
TWO WHEELER REQUIRED- 298 NOS
TWO WHEELER PROVIDED - 300 NOS
LORRY PARKING REQUIRED - 29 NOS
LORRY PARKING PROVIDED - 29 NOS
CYCLE PARKING REQUIRED - 282 NOS
CYCLE PARKING PROVIDED - 320 NOS

OWNER

REGISTERED ENGINEER

S. ATHIYAMAN, B.E. MIE, FV
Chartered Engineer and Civil Registered Master
Engineer Engineer & Civil Reg. No. 462 / 1993 (2013) 2018
and Chartered Engineer and Reg. No. 462 / 1993 (2013) 2018
and DTCP Reg. No. 462 / 1993 (2013) 2018
New No. 1, Nalluram Street, Thiruvallur District - 601007.
Ph: 994051121 / 28156824
Email: athiyamanassociates@yahoo.com

SANITATION REQUIREMENTS			
SANITARY UNIT-FITTING	75 NOS MALE	25 NOS FEMALE	TOTAL
WATER CLOSET -	4 - NOS	1 - NOS	5 - NOS
ABLUTION TAPS	4 - NOS	1 - NOS	5 - NOS
URINAL	4 - NOS		4 - NOS
WATER TAPS WITH DRAINING WATER	3 - NOS	1 - NOS	4 - NOS
WATER TAPS WITH DRAINING ARRANGEMENT	1 - NOS	1 - NOS	2 - NOS
DRAINING WATER FOUNDATION	1 - NOS	1 - NOS	2 - NOS
BATHS PREFERABLY SHOWERS	1 - NOS	1 - NOS	2 - NOS

WORKERS DETAILS			
NO. OF WORKS	75 NOS MALE	AND 25 NOS FEMALE	TOTAL - 100 NOS
HORSE POWER DETAIL			
HORSE POWER = 2173.50			

M / C SIZE				
M/C No	LENGTH	WIDTH	DEPTH OF FOUNDATION	WEIGHT OF M / C
1	11.4M	3.16M	0.5M	10T
2	11.4M	3.16M	0.5M	10T
3	11.4M	3.16M	0.5M	10T
4	11.4M	3.16M	0.5M	10T
5	11.4M	3.16M	0.5M	10T
6	11.4M	3.16M	0.5M	12T
7	11.4M	2.0M	0.5M	10T
8	11.4M	3.16M	0.5M	12T
9	13.0M	3.56M	0.75M	25T
10	20.0M	6.0M	0.75M	18T
11	16.5M	2.14M	0.75M	15T
12	39.0M	4.0M	0.75M	40T