






















**PROJECT: ELECTRICAL DESIGN OF HEALTH UNIT  
TRAINING VENUE**

**Location: Camp 4, Ukhiya, Cox's Bazar.**

**Date of Submission: December 04, 2025**

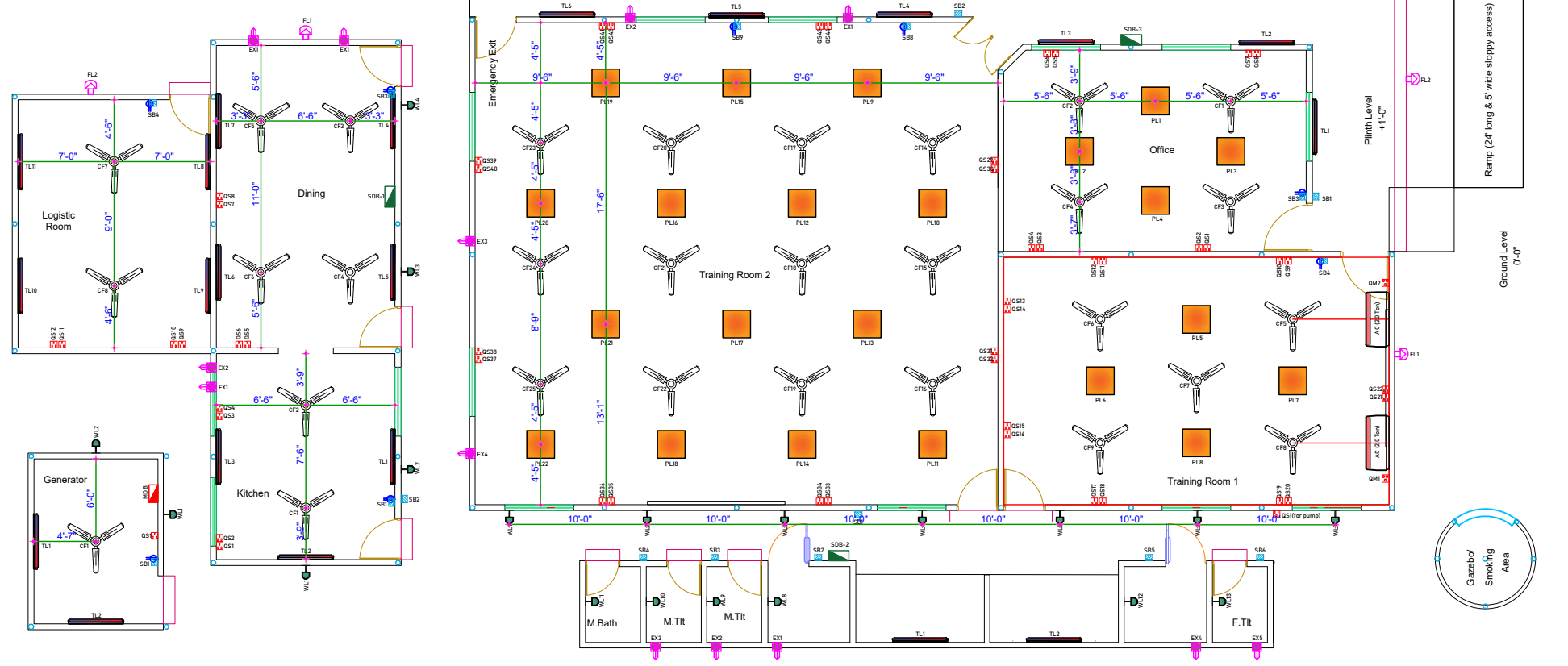
**Drawing Title: ELECTRICAL DRAWING**

LEGEND		
SYMBOL	ABBREVIATION	DESCRIPTION
	TL	TUBE LIGHT 20 W (1200mm)
	CF	CEILING FAN (56")
	WL	WALL LIGHT (24 W) (LED BULB)
	AC	AC INDOOR UNIT (SPLIT TYPE)
	SB	SWITCH BOARD (H:48")
	CL	12W CEILING LIGHT (ROUND)
	QS	13 A 6 PIN COMBINE SOCKET (18" FROM FINISHED FLOOR)
	QM	20 A SOCKET (LINTEL LEVEL)
	CB	CIRCUIT BREAKER
		PHASE INDICATOR
	SDB	SUB DISTRIBUTION BOARD
	MDB	MAIN DISTRIBUTION BOARD
	SMDB	SUB MAIN DISTRIBUTION BOARD
	WMF	WALL MOUNTED FAN
	EX	EXHAUST FAN (12")
	FL	FLOOD LIGHT 50 W
	PL	PANEL LIGHT 40 W (600mmX600mm)
		LIGHTING CONDUIT
		POWER CONDUIT
		SWITCH CONDUIT
	CF	CEILING FAN 36"

CLIENT: UNHCR	PROJECT NAME: ELECTRICAL DESIGN OF HEALTH UNIT TRAINING VENUE	PARTICULARS	NAME:	SIGNATURE:	DRAWING TITLE: LEGEND	REVISION NO. DATE & TIME DESCRIPTION	CONSULTANT:	NOTES: THIS DRAWINGS SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL, PLUMBING, ELECTRICAL AND MECHANICAL DRAWINGS	COPYRIGHT:	REMARKS	SHEET NO: E-01
PROJECT ADDRESS: CAMP-4, UKHIYA, COX'S BAZAR	SCALE: NOT IN SCALE				DATE: 04-DEC-2024	01. - - 02. - - 03. - - 04. - - 05. - -					



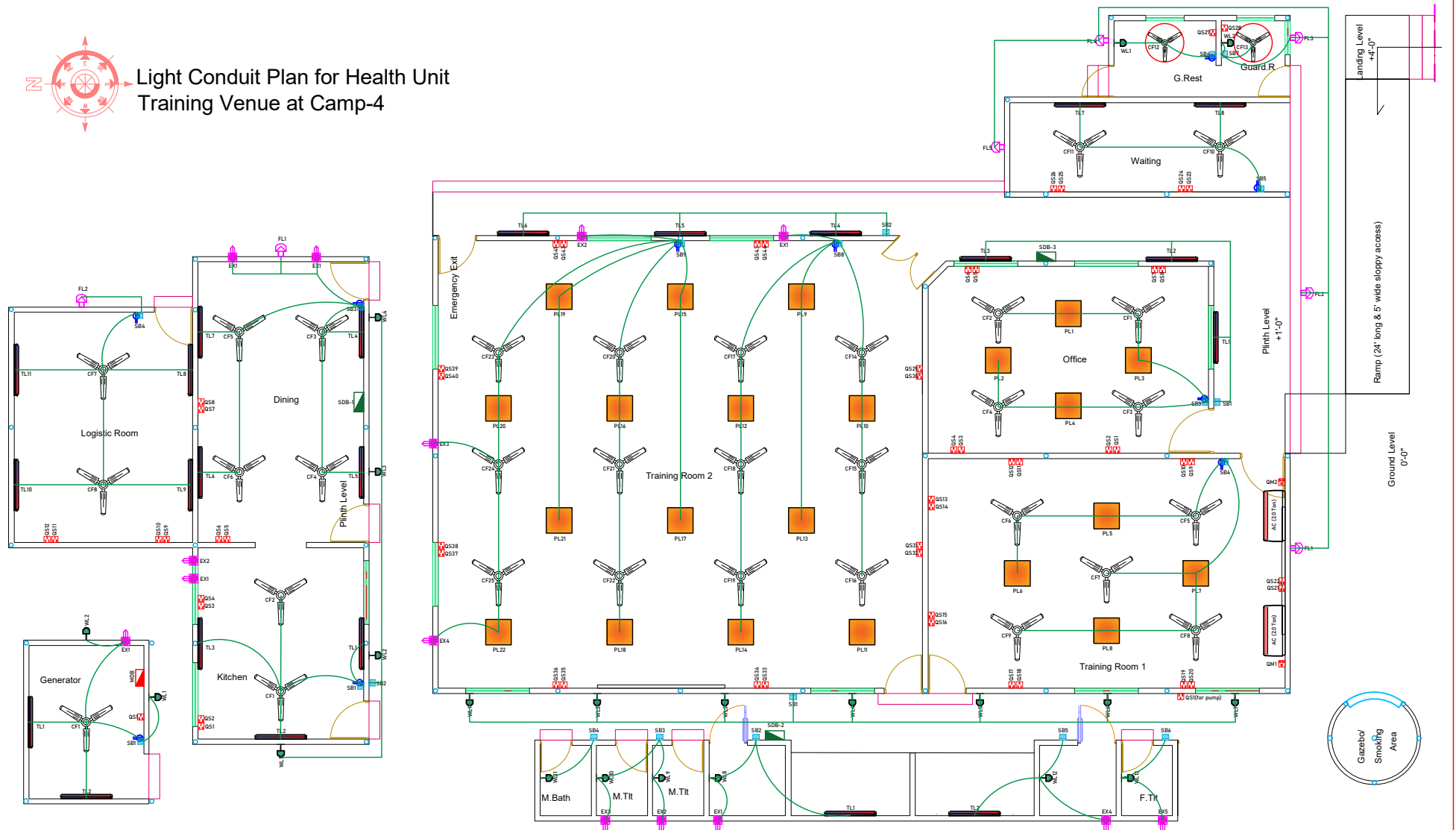
# Electrical Layout for Health Unit Training Venue at Camp-4



CLIENT: UNHCR	PROJECT NAME: ELECTRICAL DESIGN OF HEALTH UNIT TRAINING VENUE	PARTICULARS:	NAME:	SIGNATURE:	DRAWING TITLE: ELECTRICAL LAYOUT PLAN	REVISION: NO. DATE & TIME DESCRIPTION	CONSULTANT:	NOTES: THIS DRAWINGS SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL, PLUMBING, ELECTRICAL AND MECHANICAL DRAWINGS	COPYRIGHT:	REMARKS:	SHEET NO.: E-02
PROJECT ADDRESS: CAMP-4, UKHIYA, COX'S BAZAR	SCALE: NOT IN SCALE				DATE: 04-DEC-2024	01. - - - 02. - - - 03. - - - 04. - - - 05. - - -					



# Light Conduit Plan for Health Unit Training Venue at Camp-4



CLIENT :	UNHCR
PROJECT ADDRESS :	CAMP-4, UKHIYA, COX'S BAZAR

PROJECT NAME :	ELECTRICAL DESIGN OF HEALTH UNIT TRAINING VENUE
SCALE :	NOT IN SCALE

PARTICULARS :	
NAME :	
SIGNATURE :	

DRAWING TITLE :	LIGHT CONDUIT PLAN
DATE :	04-DEC-2024

REVISION NO.	DATE & TIME	DESCRIPTION
01.	-	-
02.	-	-
03.	-	-
04.	-	-
05.	-	-

CONSULTANT :	
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NOTES :	THIS DRAWINGS SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL, PLUMBING, ELECTRICAL AND MECHANICAL DRAWINGS
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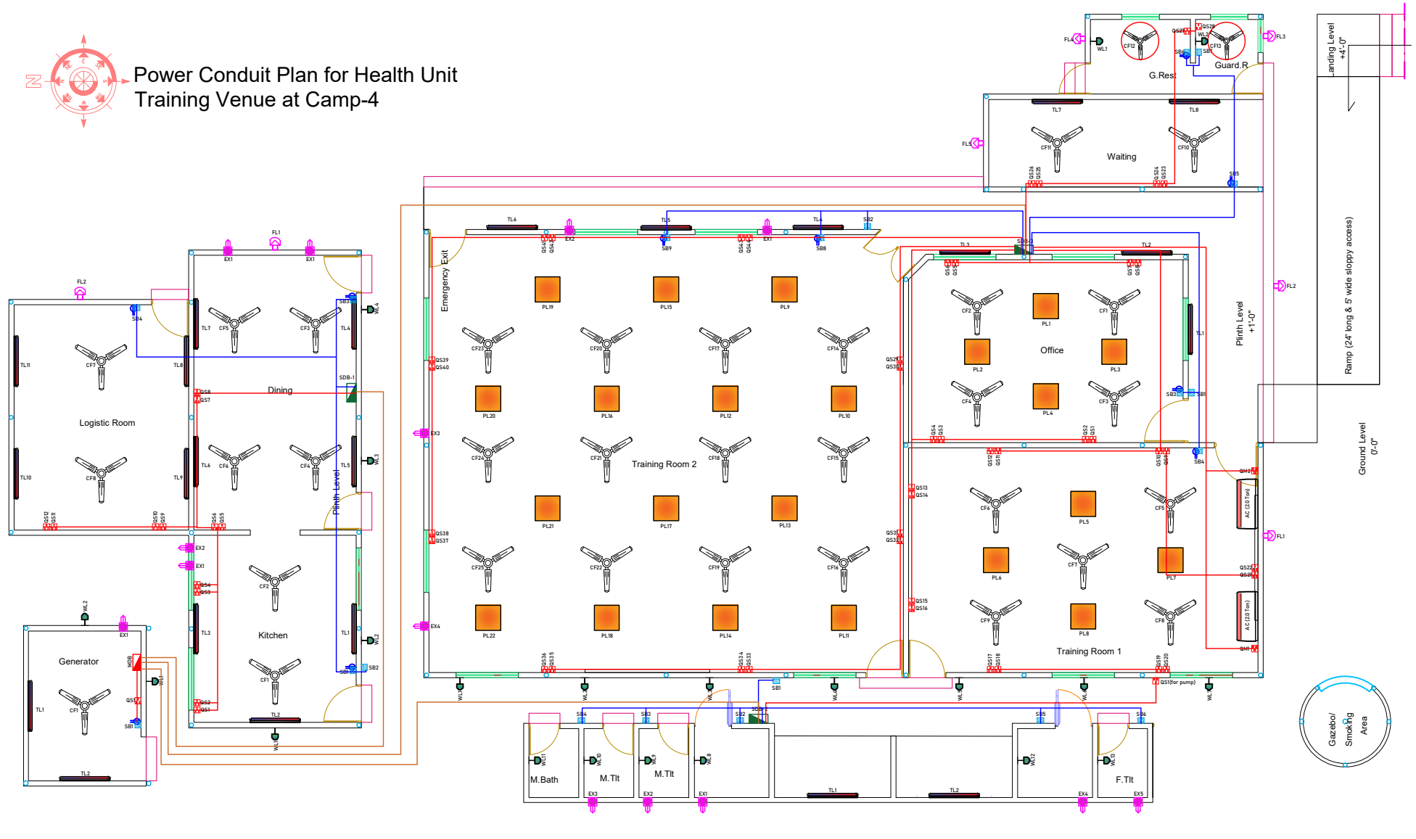
COPYRIGHT :	
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REMARKS :	
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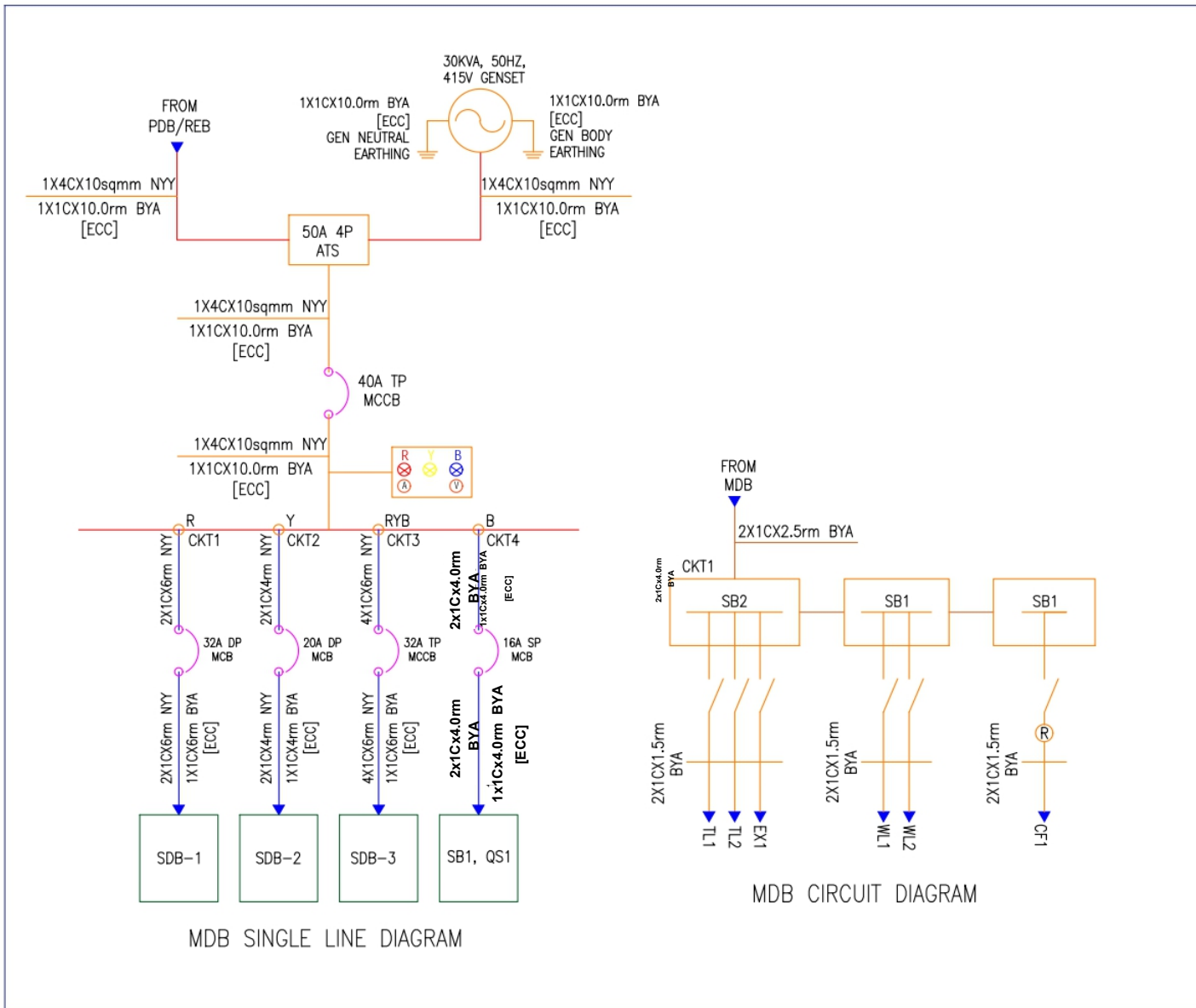
SHEET NO. :	E-03
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# Power Conduit Plan for Health Unit Training Venue at Camp-4



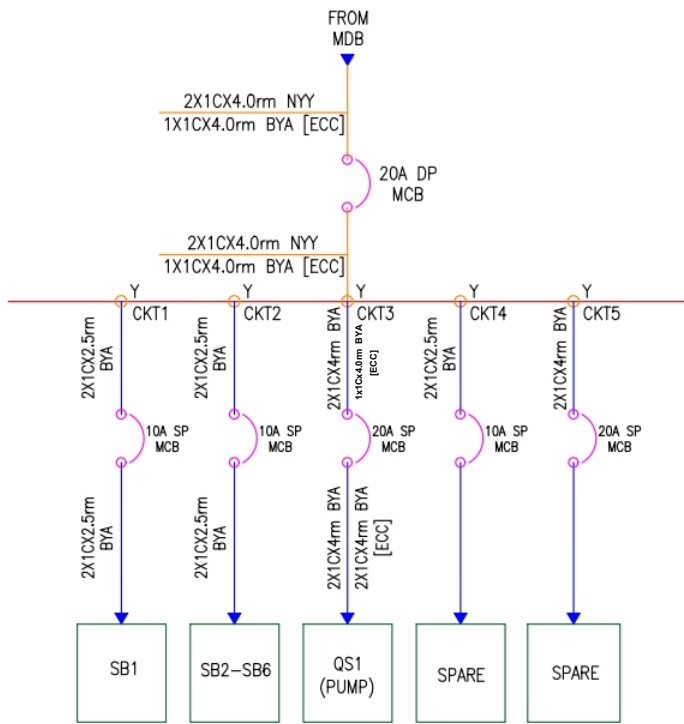
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UNHCR	ELECTRICAL DESIGN OF HEALTH UNIT TRAINING VENUE				POWER CONDUIT PLAN (LPG DISTRIBUTION AREA)	NO. DATE & TIME: DESCRIPTION		THIS DRAWINGS SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL, PLUMBING, ELECTRICAL AND MECHANICAL DRAWINGS			E-04
PROJECT ADDRESS :	SCALE :				DATE :	01. - - -					
CAMP-4, UKHIYA, COX'S BAZAR	NOT IN SCALE				04-DEC-2024	02. - - -					
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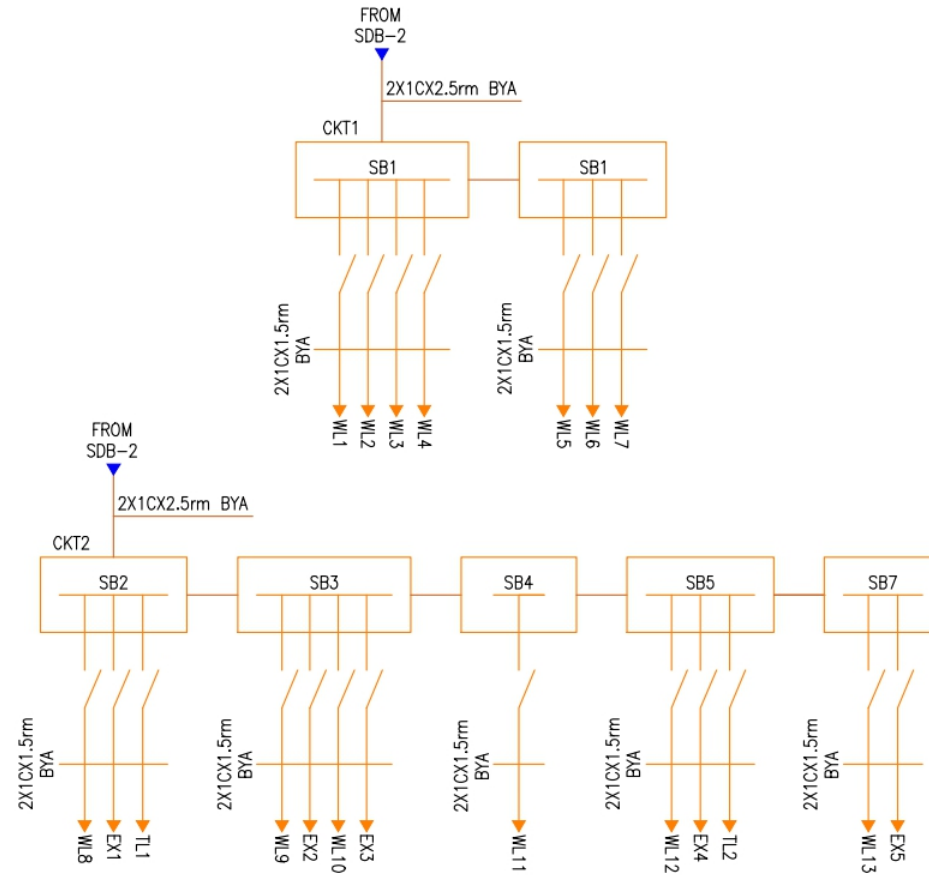
MDB SINGLE LINE DIAGRAM

MDB CIRCUIT DIAGRAM

CLIENT UNHCR PROJECT ADDRESS CAMP-4, UKHUYA, COX'S BAZAR	PROJECT NAME <b>ELECTRICAL DESIGN OF HEALTH UNIT TRAINING VENUE</b>	PROJECT NO.  NOT IN SCALE	DRAWING TITLE <b>MDB SLD &amp; CIRCUIT DIAGRAM</b>	REVISION NO. DATE & TIME DESCRIPTION	DESIGNER   	CHECKER   	NOTES THIS DRAWINGS SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL, PLUMBING, ELECTRICAL AND MECHANICAL DRAWINGS	COPYRIGHT   	SIGNATURE   	SHEET NO <b>E-05</b>
	DATE 04-DEC-2024			01 - 02 - 03 - 04 - 05 -						
	PROJECT ADDRESS CAMP-4, UKHUYA, COX'S BAZAR									

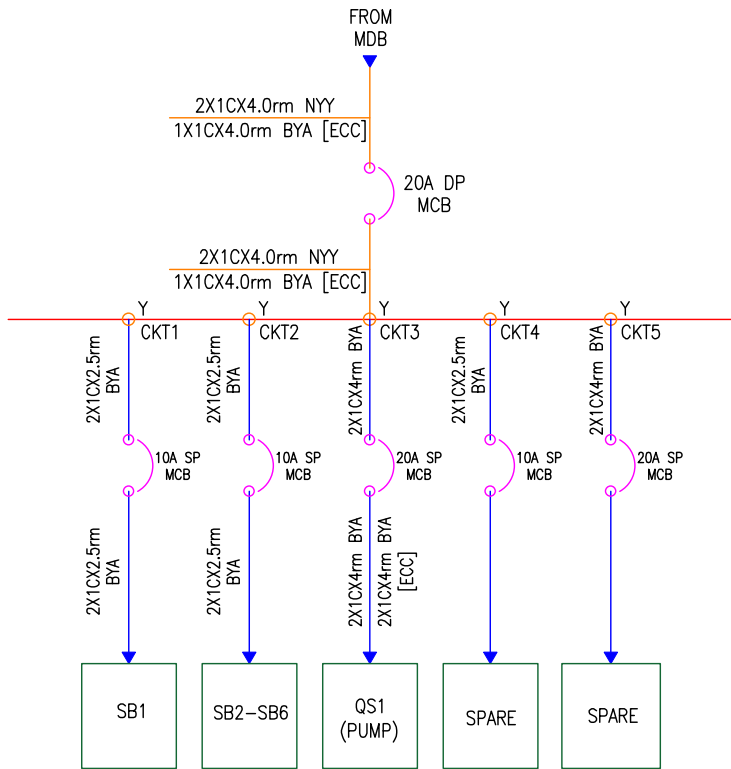


SDB-2 SINGLE LINE DIAGRAM

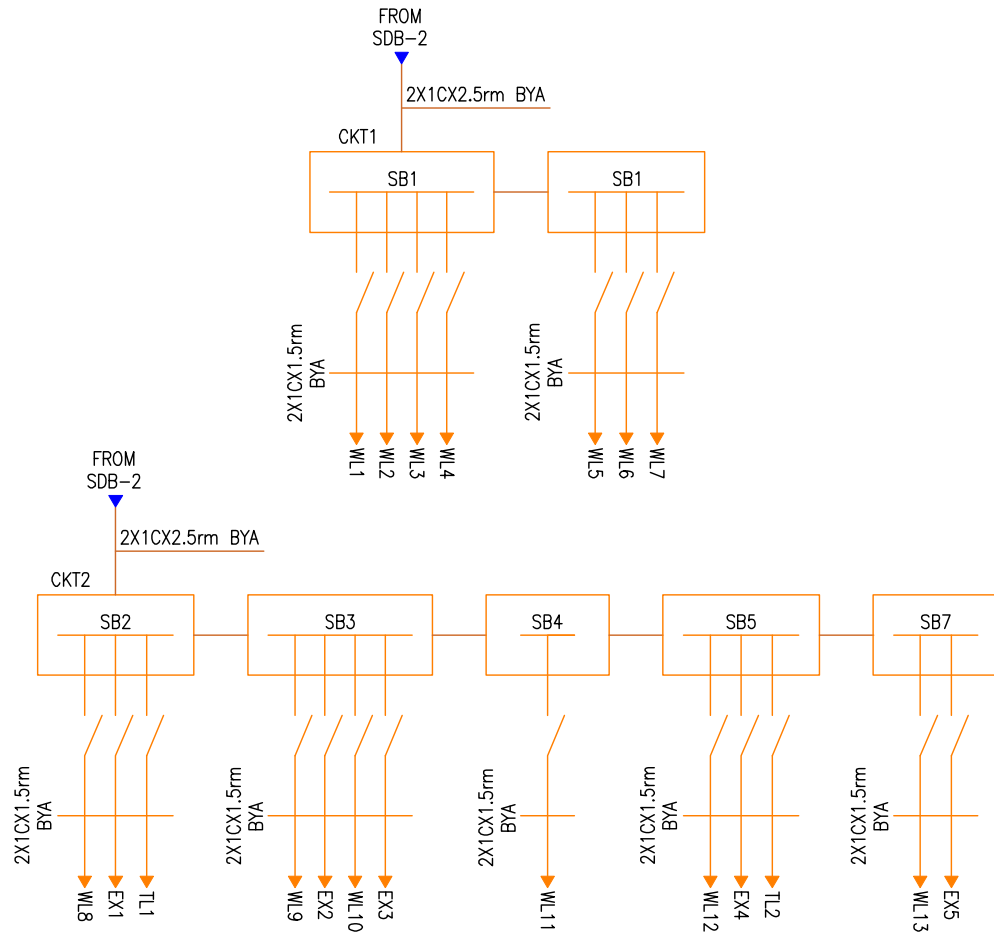


SDB-2 CIRCUIT DIAGRAM

ELEC-117 UNHCR PROJECT ADDRESS CAMP-4, UKHUYA, COX'S BAZAR	PROJECT NAME <b>ELECTRICAL DESIGN OF HEALTH UNIT TRAINING VENUE</b> SCALE NOT IN SCALE	PARTICULARS NAME SIGNATURE	DRAWING TITLE <b>SDB-2 SLD &amp; CIRCUIT DIAGRAM</b> DATE 04-DEC-2024	REVISED NO. DATE & TIME DESCRIPTION 01. - - - 02. - - - 03. - - - 04. - - -	CONTRACT NO. - - - - - - - - - - - - - - -	NOTES THIS DRAWING SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL, PLUMBING, ELECTRICAL AND MECHANICAL DRAWINGS	COPYRIGHT - - - - - - - - - -	REMARKS - - - - - - - - - -	SHEET NO <b>E-07</b>
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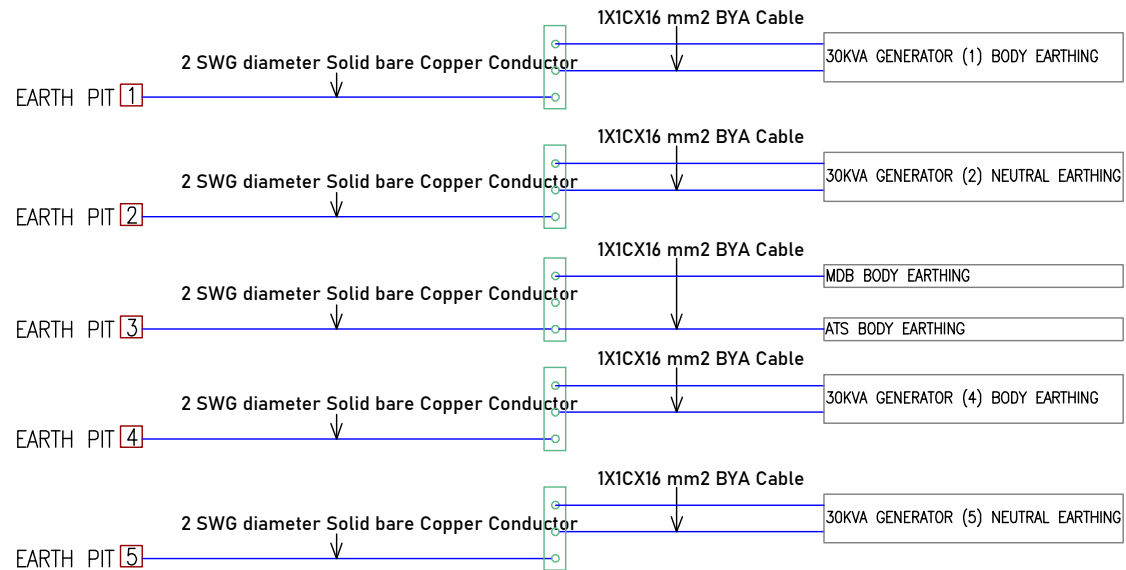
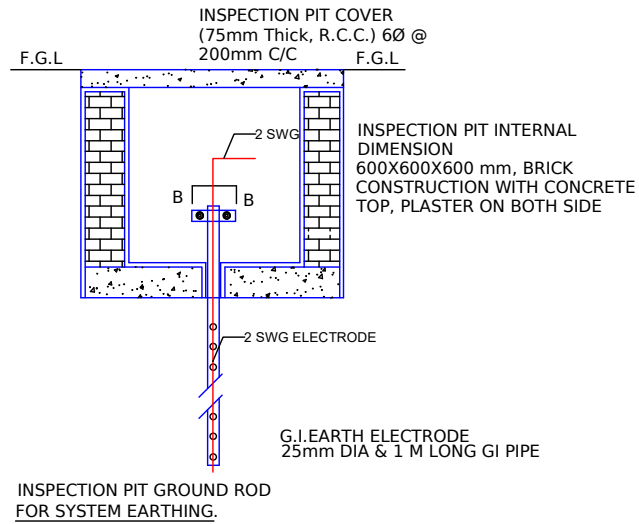
SDB-2 SINGLE LINE DIAGRAM



SDB-2 CIRCUIT DIAGRAM

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PROJECT ADDRESS: CAMP-4, UKHIYA, COX'S BAZAR	SCALE: NOT IN SCALE				DATE: 04-DEC-2024	01. - - 02. - - 03. - - 04. - - 05. - -					





*Earthing Layout Drawing*

CLIENT: UNHCR	PROJECT NAME: ELECTRICAL DESIGN OF HEALTH UNIT TRAINING VENUE	PARTICULARS:	NAME:	SIGNATURE:	DRAWING TITLE: EARTHING DETAILS	REVISION NO. DATE & TIME: DESCRIPTION	CONSULTANT:	NOTES: THIS DRAWINGS SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL, PLUMBING, ELECTRICAL AND MECHANICAL DRAWINGS	COPYRIGHT:	REMARKS:	SHEET NO: E-09
PROJECT ADDRESS: CAMP-4, UKHIYA, COX'S BAZAR	SCALE: NOT IN SCALE				DATE: 04-DEC-2024	01. - - 02. - - 03. - - 04. - - 05. - -					

PROJECT:

**ELECTRICAL DESIGN OF HEALTH UNIT  
TRAINING VENUE**

Location:

Camp 4, Ukhiya, Cox's Bazar.

Date of Submission:

December 04, 2025

Drawing Title:

LPS DRAWING

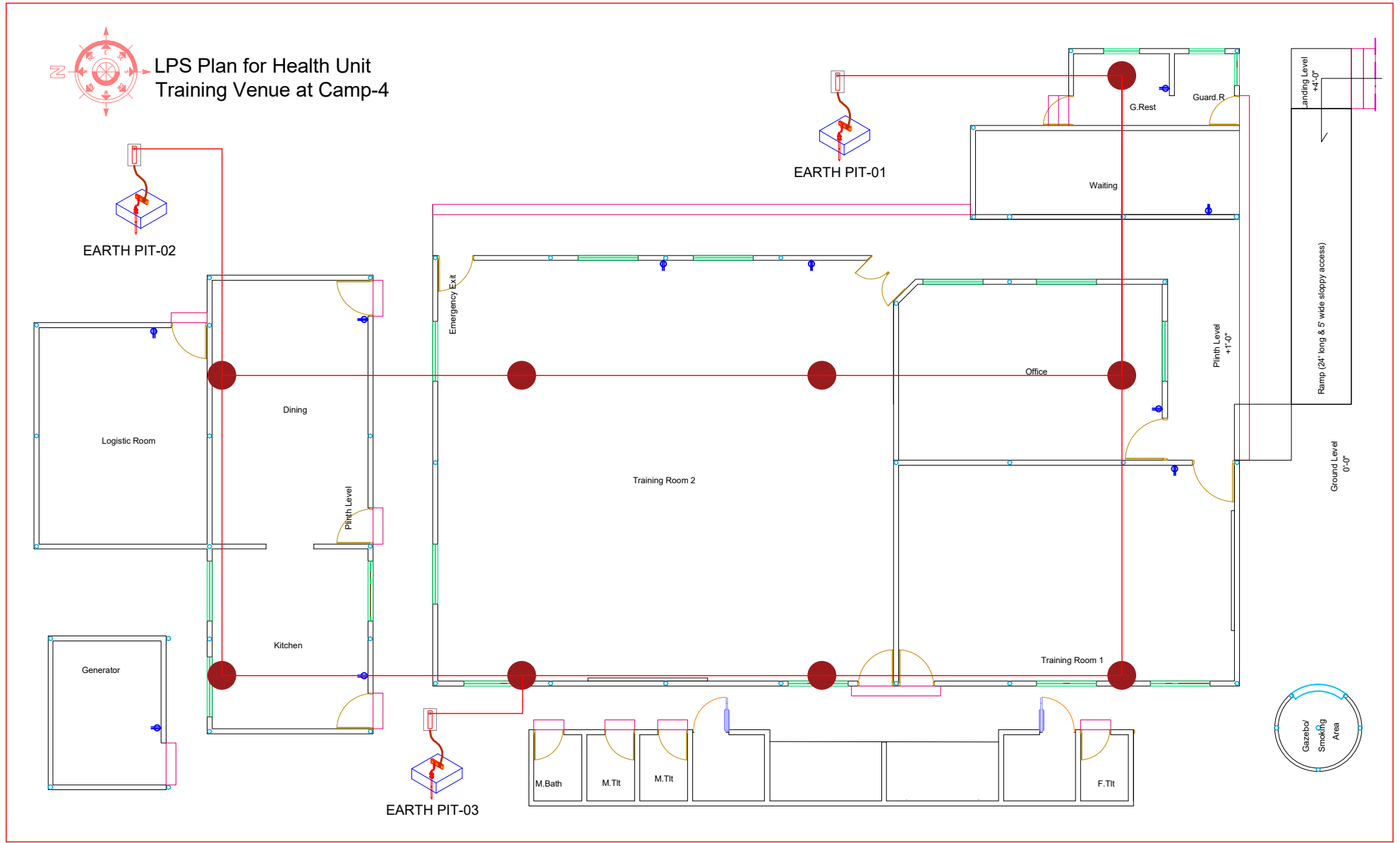
# RISK INDEX ASSESSMENT AS PER BNBC 2006

INDEX	TITLE	DETAILS	POINTS
A	USE OF STRUCTURE	Office block	7
B	TYPE OF CONTRUCTION	Metal Roof	5
C	CONTENTS OR CONSEQUENTIAL EFFECTS	Not containing valuable materials	2
D	DEGREE OF ISOLATION	Structure located in a large area having structures or trees of similar or greater height, e.g. a large town or forest	2
E	TYPE OF TERRAIN	Hilly terrain	6
F	HIGHT OF STRUCTURE	Up to 9 m	2
G	LIGHTNING PREVALENCE	Over 21	21
<b>THE SUM OF INDEX</b>			<b>45</b>
<b>MARGINAL RISK INDEX</b>			<b>40</b>
<b>REMARKS</b>			<b>LIGHTNING PROTECTION IS REQUIRED</b>

CLIENT: UNHCR	PROJECT NAME: ELECTRICAL DESIGN OF HEALTH UNIT TRAINING VENUE	PARTICULARS	NAME:	SIGNATURE:	DRAWING TITLE: RISK INDEX	REVISION	CONSULTANT:	-NOTES- THIS DRAWINGS SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL, PLUMBING, ELECTRICAL AND MECHANICAL DRAWINGS	-COPYRIGHT-	REMARKS	SHEET NO: LPS-01																	
PROJECT ADDRESS: CAMP-4, UKHIYA, COX'S BAZAR	SCALE: NOT IN SCALE				DATE: 04-DEC-2024	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE &amp; TIME:</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td>01.</td><td>-</td><td>-</td></tr> <tr><td>02.</td><td>-</td><td>-</td></tr> <tr><td>03.</td><td>-</td><td>-</td></tr> <tr><td>04.</td><td>-</td><td>-</td></tr> <tr><td>05.</td><td>-</td><td>-</td></tr> </tbody> </table>	NO.	DATE & TIME:	DESCRIPTION	01.	-	-	02.	-	-	03.	-	-	04.	-	-	05.	-	-				
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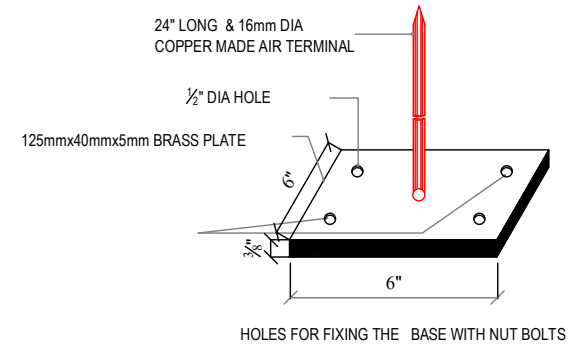
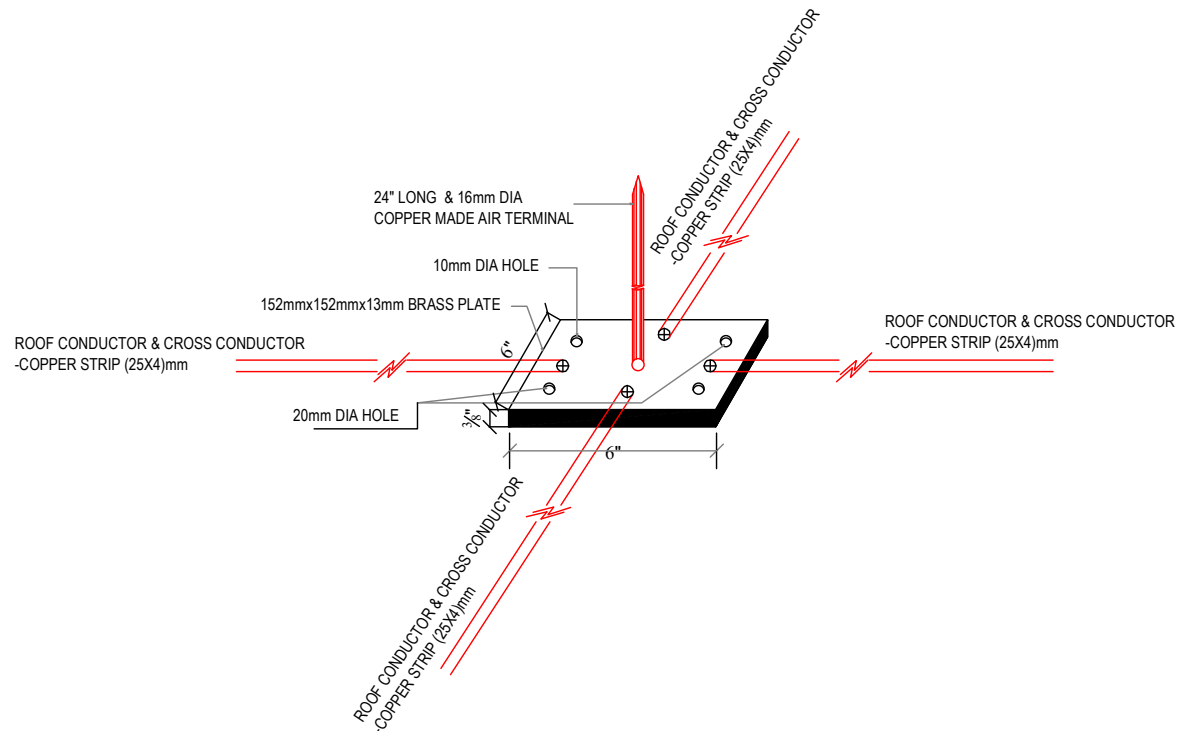
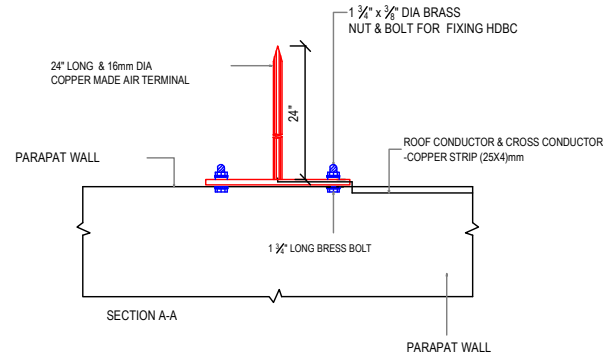
# LPS Plan for Health Unit Training Venue at Camp-4



CLIENT: UNHCR	PROJECT NAME: ELECTRICAL DESIGN OF HEALTH UNIT TRAINING VENUE	PARTICULARS:	NAME:	SIGNATURE:	DRAWING TITLE: LPS LAYOUT	REVISION NO. DATE & TIME: DESCRIPTION	CONSULTANT:	- NOTES - THIS DRAWINGS SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL, PLUMBING, ELECTRICAL AND MECHANICAL DRAWINGS	-COPYRIGHT-	REMARKS:	SHEET NO: LPS-02
PROJECT ADDRESS: CAMP-4, UKHIYA, COX'S BAZAR	SCALE: NOT IN SCALE				DATE: 04-DEC-2024	01. - - - 02. - - - 03. - - - 04. - - - 05. - - -					

# DESIGN STANDARD : NFPA 780, EDITION 2014

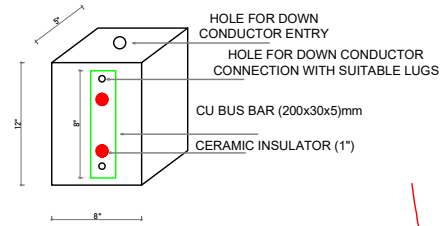
LEGEND	
Symbol	Explanation
	Air Terminal
	Roof & Down Conductor
	Grounding Electrode



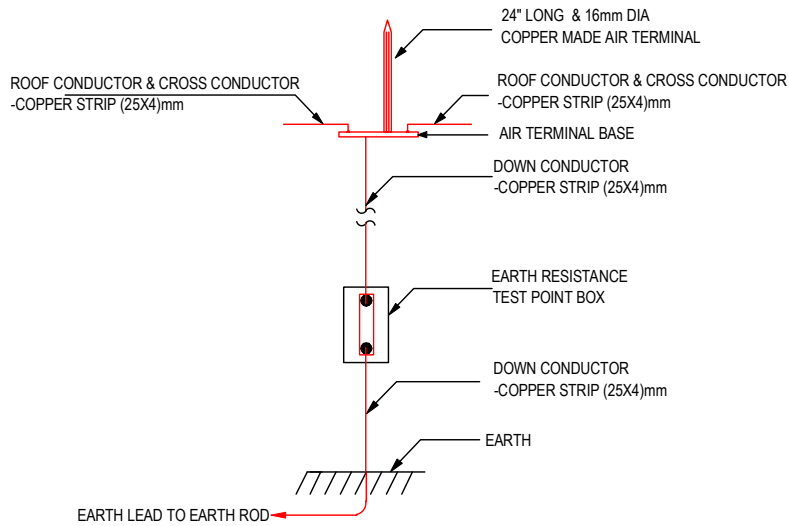
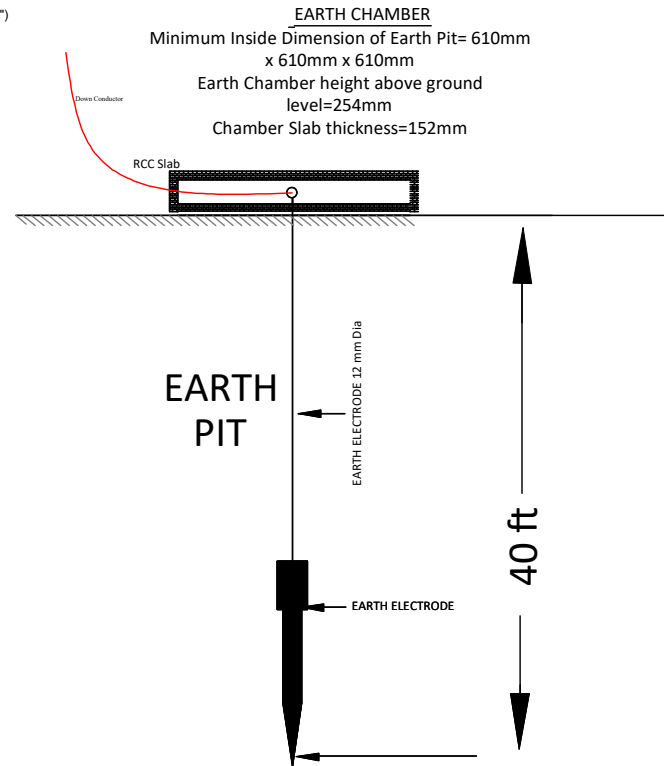
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CAMP-4, UKHIYA, COX'S BAZAR	NOT IN SCALE				04-DEC-2024	02. - - -					
						03. - - -					
						04. - - -					
						05. - - -					

**DESIGN STANDARD : NFPA 780, EDITION 2014**

LEGEND	
Symbol	Explanation
	Air Terminal
	Roof & Down Conductor
	Grounding Electrode



**EARTH RESISTANCE TEST POINT**



CLIENT :	PROJECT NAME :
UNHCR	ELECTRICAL DESIGN OF HEALTH UNIT TRAINING VENUE
PROJECT ADDRESS :	SCALE :
CAMP-4, UKHIYA, COX'S BAZAR	NOT IN SCALE

PARTICULARS :	NAME :	SIGNATURE :

DRAWING TITLE :	REVISION :
LPS EARTHING DETAILS	
DATE :	
04-DEC-2024	

NO.	DATE & TIME	DESCRIPTION
01.	-	-
02.	-	-
03.	-	-
04.	-	-
05.	-	-

CONSULTANT :	NOTES :	COPYRIGHT :	REMARKS :	SHEET NO. :
	THIS DRAWINGS SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL, PLUMBING, ELECTRICAL AND MECHANICAL DRAWINGS			LPS-04

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**PROJECT: ELECTRICAL DESIGN OF HEALTH UNIT  
TRAINING VENUE**

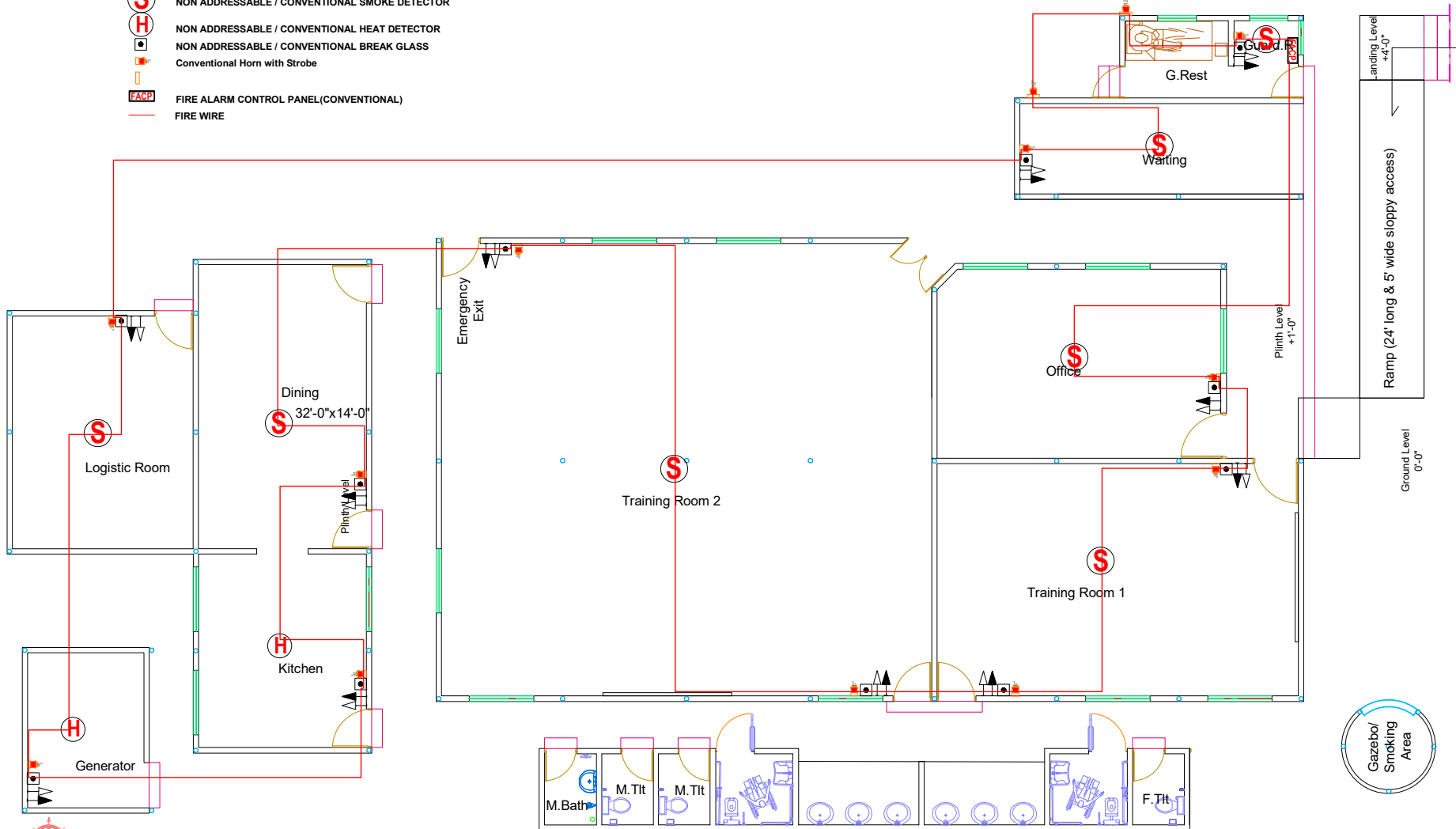
**Location: Camp 4, Ukhiya, Cox's Bazar.**

**Date of Submission: December 04, 2025**

**Drawing Title: FIRE DRAWING**

**LEGEND**

-  ABC DRY POWDER 4.5 KG
-  CARBON DI OXIDE POWDER(CO2) 5 kg
-  NON ADDRESSABLE / CONVENTIONAL SMOKE DETECTOR
-  NON ADDRESSABLE / CONVENTIONAL HEAT DETECTOR
-  NON ADDRESSABLE / CONVENTIONAL BREAK GLASS
-  Conventional Horn with Strobe
-  FIRE ALARM CONTROL PANEL(CONVENTIONAL)
-  FIRE WIRE



Proposed Site Plan for Health Unit Training Venue at Camp-4

CLIENT:	PROJECT NAME:	PARTICULARS:	NAME:	SIGNATURE:	DRAWING TITLE:	REVISION:	CONSULTANT:	NOTES:	COPYRIGHT:	REMARKS:	SHEET NO.:																			
UNHCR	ELECTRICAL DESIGN OF HEALTH UNIT TRAINING VENUE				FIRE DESIGN	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE &amp; TIME:</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td>01.</td><td></td><td></td></tr> <tr><td>02.</td><td>-</td><td>-</td></tr> <tr><td>03.</td><td>-</td><td>-</td></tr> <tr><td>04.</td><td>-</td><td>-</td></tr> <tr><td>05.</td><td>-</td><td>-</td></tr> </tbody> </table>	NO.	DATE & TIME:	DESCRIPTION	01.			02.	-	-	03.	-	-	04.	-	-	05.	-	-		THIS DRAWINGS SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL, PLUMBING, ELECTRICAL AND MECHANICAL DRAWINGS				
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