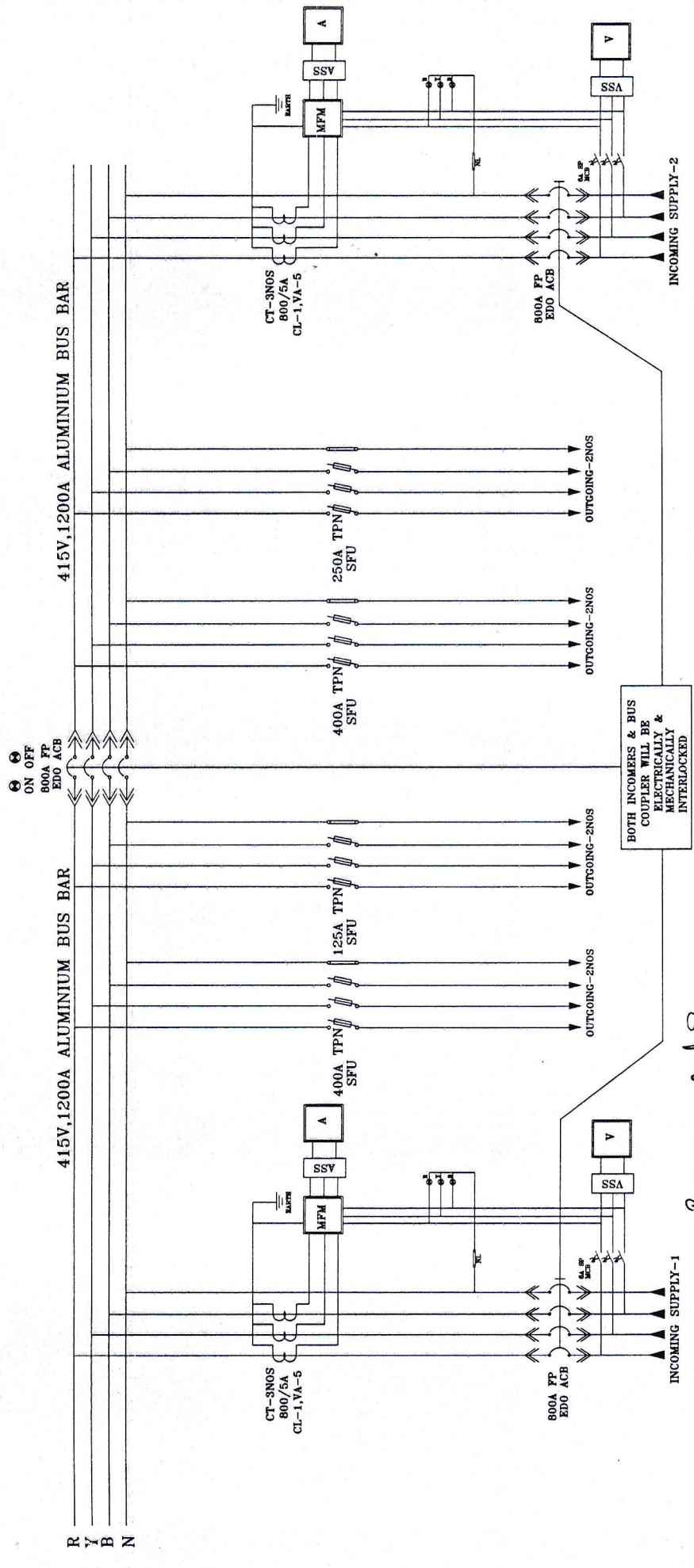


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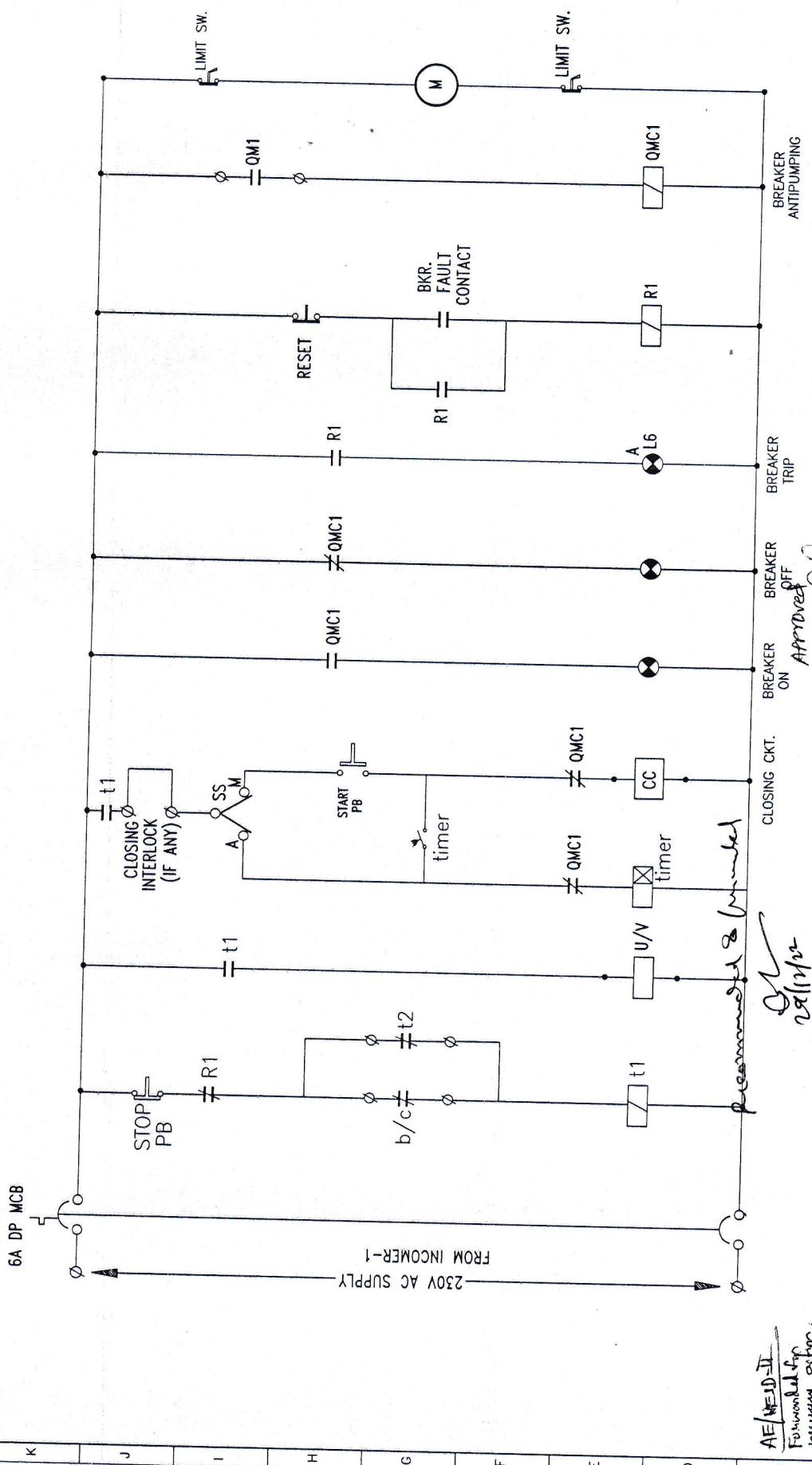
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AB 24.2.22
Executive Engineer, P.W.D.
Hooghly Electrical Division
Govt. of West Bengal

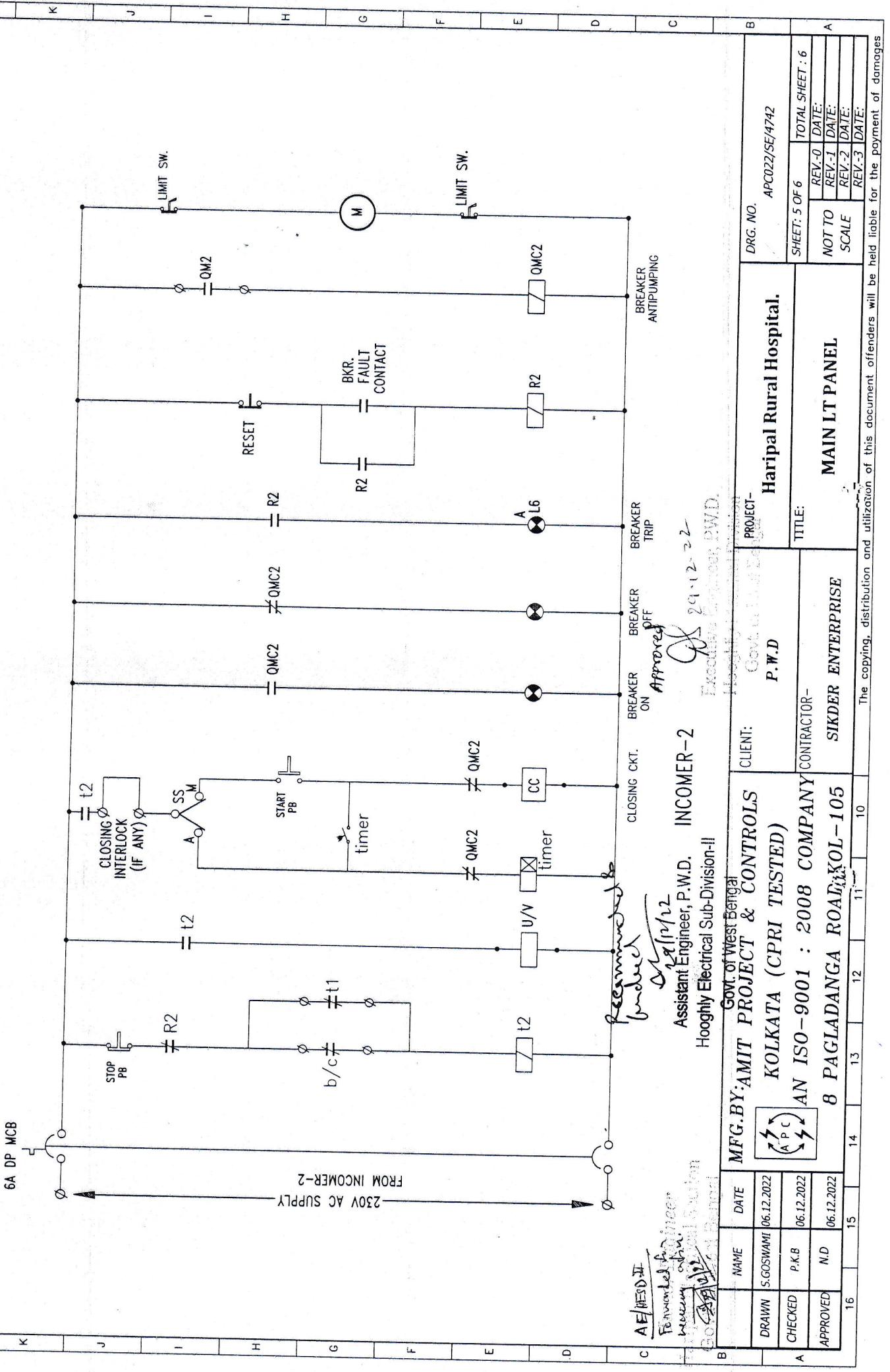
Assistant Engineer, P.W.D.
Hooghly Electrical Sub-Division-II
Govt. of West Bengal

				PROJECT- Haripal Rural Hospital.		DRG. NO. APC022/SE/4742
				SHEET: 2 OF 6 TOTAL SHEET : 6		
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B	NAME	DATE	MFG.BY : AMIT PROJECT & CONTROLS KOLKATA (CPRI TESTED) 	P.W.D	Client:	
DRAWN	S.GOSWAMI	06.12.2022	Contractor : AN ISO-9001 : 2008 COMPANY 8 PAGLADANGA ROAD,KOL-105 SIKDER ENTERPRISE	TITLE: MAIN LT PANEL		
CHECKED	P.K.B	06.12.2022				
APPROVED	N.D	06.12.2022				
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B				PROJECT- P.W.D			CLIENT: Govt. of West Bengal		CONTRACTOR- SIKDER ENTERPRISE		TITLE: MAIN LT PANEL		DRG. NO. APC022/SE/4742			
				MFG.BY:AMIT PROJECT & CONTROLS			DATE 06.12.2022		NAME S.GOSWAMI		DATE 06.12.2022		NAME P.K.B		DATE 06.12.2022	
				AN ISO-9001 : 2008 COMPANY			CONTRACTOR- SIKDER ENTERPRISE		CONTRACTOR- SIKDER ENTERPRISE		CONTRACTOR- SIKDER ENTERPRISE		CONTRACTOR- SIKDER ENTERPRISE		CONTRACTOR- SIKDER ENTERPRISE	
A	DRAWN	NAME	DATE													
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A	APPROVED	N.D	06.12.2022				DATE:		DATE:		DATE:		DATE:		DATE:	
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LOGIC TABLE

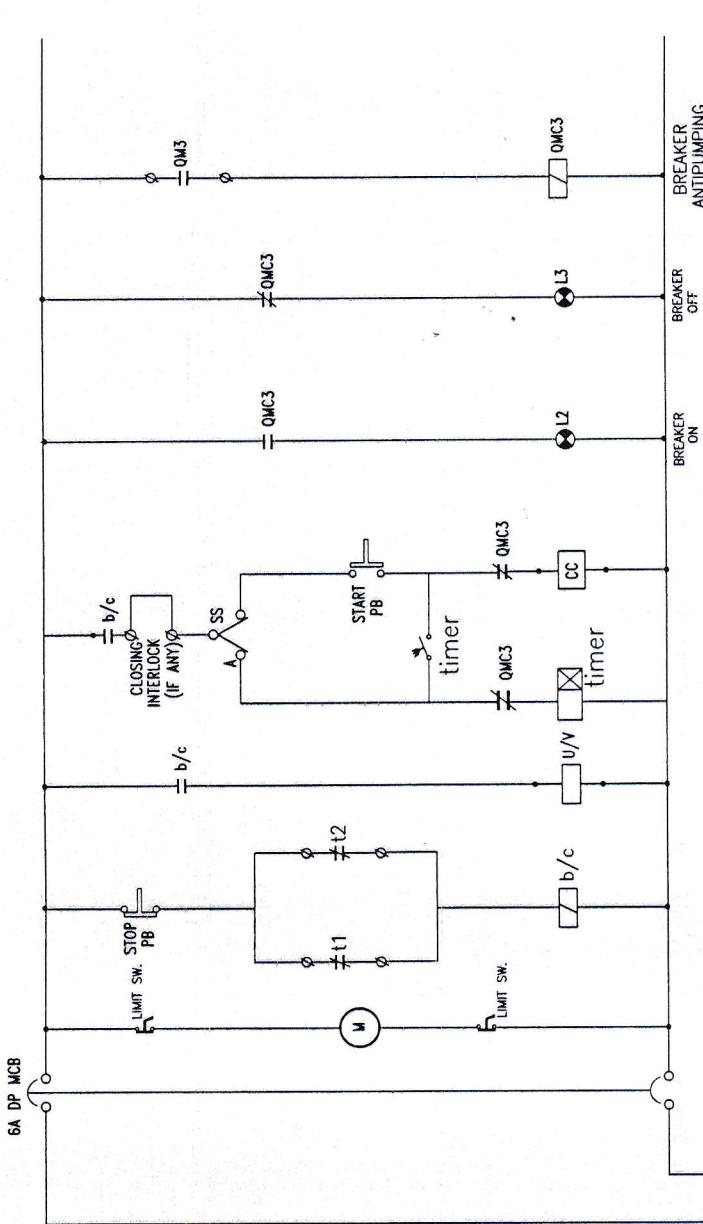
	TRF0.1	BUS-COUP	TRF0.2
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LEGEND FOR INTERLOCKING CONTACTOR

t1- AUXILIARY CONTACTOR & CONTACTS(4NO+4NC) FOR TRAFO-1

b/c- AUXILIARY CONTACTOR & CONTACTS(4NO+4NC) FOR BUS-COUPLER

t2- AUXILIARY CONTACTOR & CONTACTS(4NO+4NC) FOR TRAFO-2

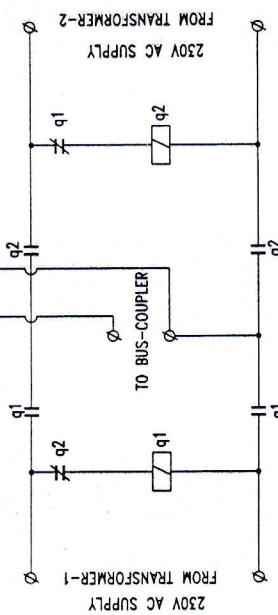


BUS-COUPLER CONTROL CIRCUIT

Recommended & Standard Approved

29/11/22
 Executive Engineer, P.W.D.
 Hooghly Electrical Sub-Division-II
 Govt. of West Bengal

29/11/22
 Assistant Engineer, P.W.D.
 Hooghly Electrical Sub-Division-II
 Govt. of West Bengal

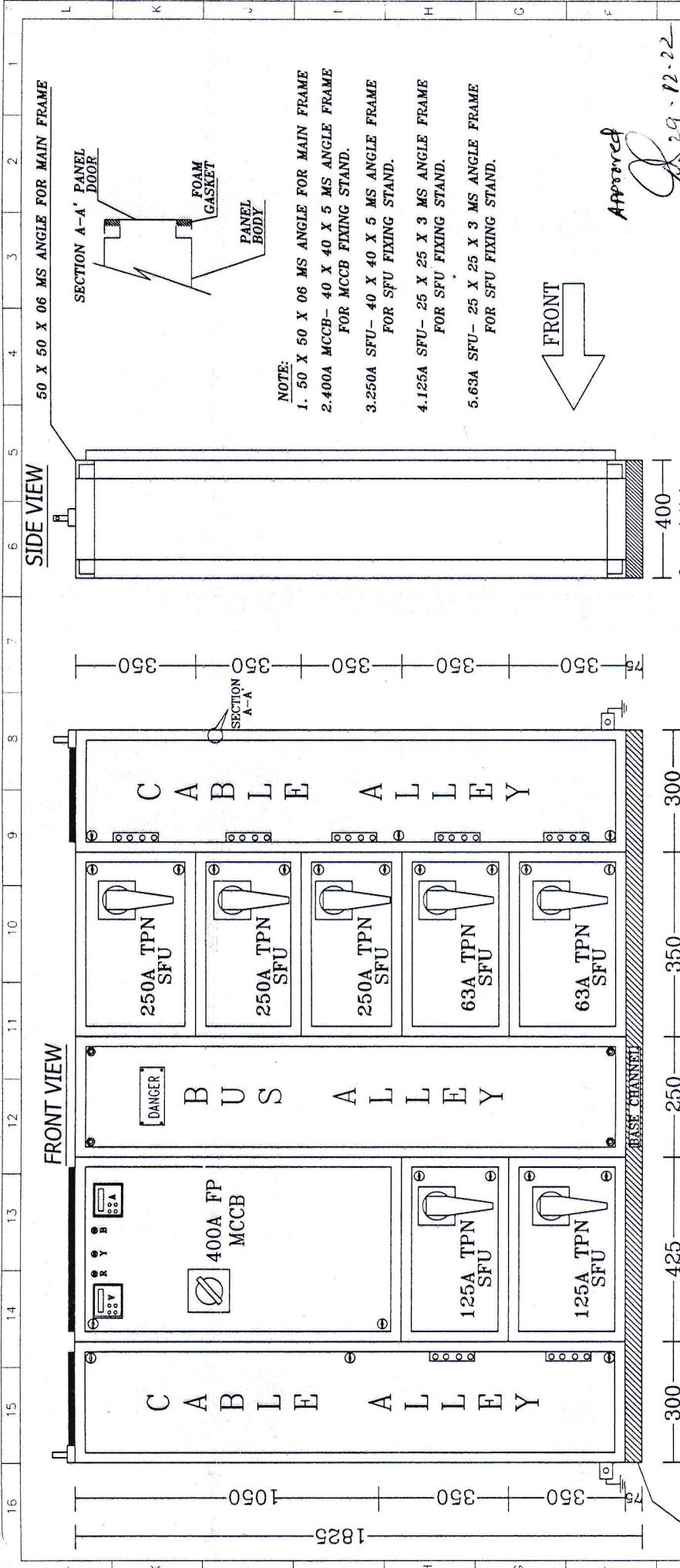


MFG.BY:AMIT PROJECT & CONTROLS
 KOLKATA (CPRI TESTED)
 AN ISO-9001 : 2008 COMPANY
 CONTRACTOR-SIKDER ENTERPRISE
 8 PAGLADANGA ROAD,KOL-105

DRG. NO. APC022/SE/4742
 SHEET: 6 OF 6 TOTAL SHEET : 6
 DRAWN S.GOSWAMI REV.-0 DATE:
 CHECKED P.K.B REV.-1 DATE:
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Approved
2Q - 12-22

Executive Engineer, P.W.D.
Hooghly Electrical Division
Govt. of West Bengal

General Notes:
1. All dimensions are in mm. unless otherwise stated.
The panel will made on 2mm thick crca sheet steel.
2. Degree of protection : IP-52.

3. All opening shall be covered by foam rubber gasket.
4. The panel spray painted after required surface treatment by 7 tanks process / sand blasting with 2 coat of red oxide primer & 2 coat of finished paint over or powder coating with siemens gray-RAL-7032

5. Feeder/board tally plates are of anodised with engraved lettering.
6. Door shall be earthed with pvc insulated multistrand copper wire.
7. Aluminium busbar size: 50 x 12 tinned aluminium busbar for phases.
50 x 12 tinned aluminium busbar for neutral.
50 x 06 AL bus for earthing.

8. Control-1.5sq. & Ct. wiring-2.5sq. fr. copper wire (polycab/kei/mescab).

DRG. NO. APC022/SE/4/41

SHEET: 1 OF 3 TOTAL SHEET : 3

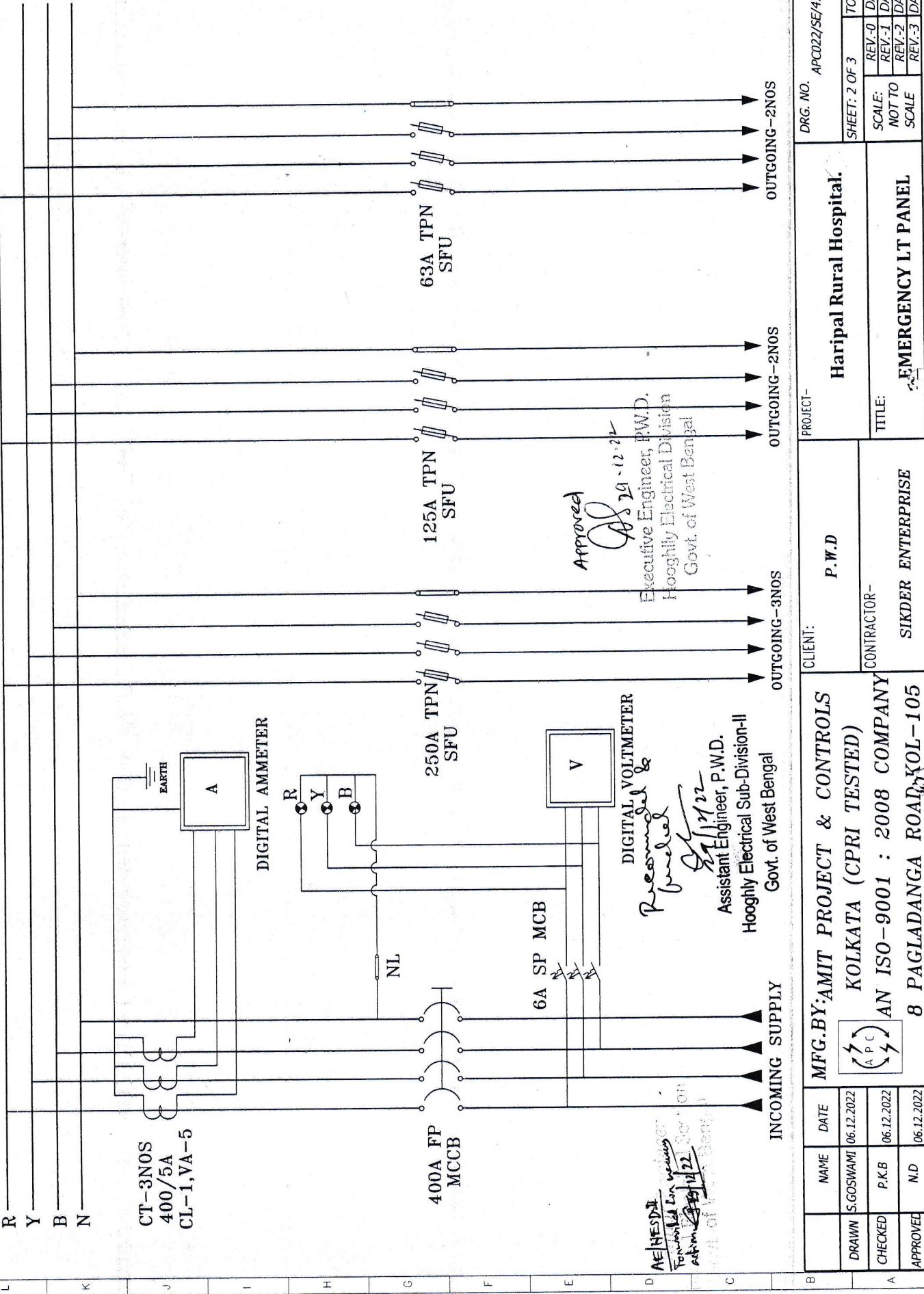
NOT TO REV.-0 DATE:

SCALE REV.-1 DATE:

APPROVED REV.-2 DATE:

APPROVED REV.-3 DATE:

415V,600A ALUMINUM BUS BAR



10. APC022/SE/4741

SHEET: 2 OF 3		TOTAL SHEET : 3	
SCALE:	REV.-0	DATE:	
NOT TO	REV.-1	DATE:	
SCALE	REV.-2	DATE:	
	REV.-3	DATE:	

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AE/HED-II-Form No. 1
Circular Letter
Govt. of West Bengal
Haripal Rural Hospital
Goat, Chittagong
Date: 22/12/2022

Recomm. & Init.
GJ
22/12/22

Assistant Engineer, P.W.D.
Hooghly Electrical Sub-Division-II
Govt. of West Bengal

Approved
JG
22-12-22

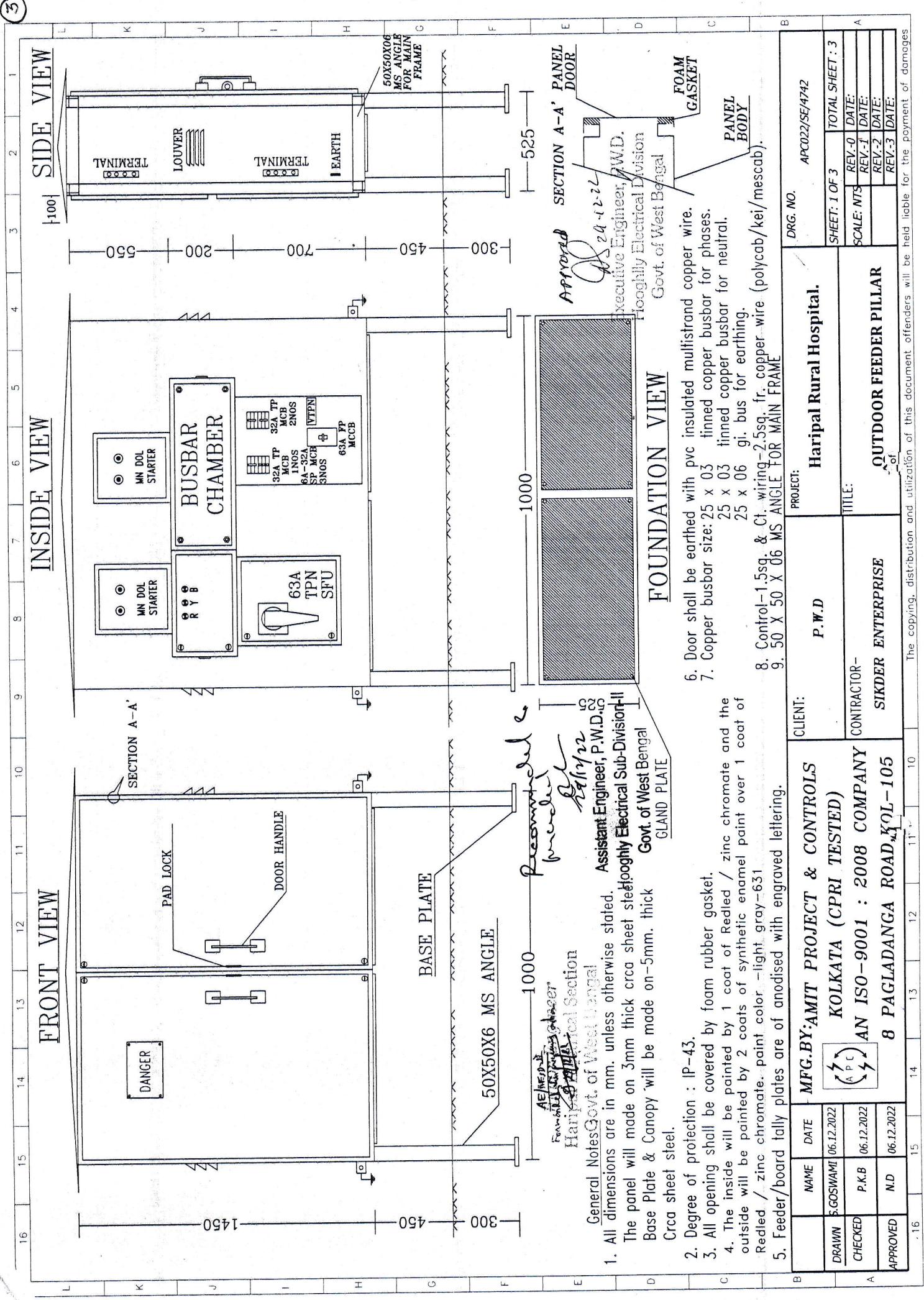
Executive Engineer, PW.D.
Hooghly Electrical Division
Govt. of West Bengal

EMERGENCY LT PANEL

INCOMER FEEDER			
1	400A 4P 35KA MCCB MICRO. PROCESSOR RELEASE WITH WITH HANDLE & SPREADER	1	NOS L&T
2	3PH DIGITAL AMMETER 96X96 SQ MM FLUSH MOUNTING 0-400A WITH INBUILT SELECTOR	1	NOS L&T
3	3PH DIGITAL VOLTMETER 96X96 SQ MM FLUSH MOUNTING 0-500V WITH INBUILT SELECTOR	1	NOS L&T
4	LED INDICATION LAMP (R/Y/B)	3	ESSEN/ESBE E
5	CT 400/5A CL-1, VA-5 TAPE WOUND TYPE	3	NOS KAPPA
6	6A SP MCB, 10KA C CURVE	3	NOS L&T
OUTGOING FEEDER			
1	250A TPN SFU WITH DIN TYPE HRC FUSES	3	NOS L&T
2	125A TPN SFU WITH DIN TYPE HRC FUSES	2	NOS L&T
3	63A TPN SFU WITH DIN TYPE HRC FUSES	2	NOS L&T

MFG.BY:AMIT PROJECT & CONTROLS			CLIENT:	PROJECT-	DRG. NO.
KOLKATA (CPRI TESTED)			P.W.D	Haripal Rural Hospital.	APC022/SE/4741
DRAWN	NAME	DATE	CONTRACTOR-		SHEET: 3 OF 3 TOTAL SHEET : 3
S.GOSWAMI		06.12.2022	(A P C) SKIDER ENTERPRISE		SCALE: REV-0 DATE: NOT TO SCALE
CHECKED	P.K.B	06.12.2022	AN ISO-9001 : 2008 COMPANY	TITLE: EMERGENCY LT PANEL	SCALE: REV-1 DATE: REV-2 DATE: REV-3 DATE:
APPROVED	N.D	06.12.2022	8 PAGLADANGA ROAD, KOL-105		A

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General Notes Govt. of West Bengal
All dimensions are in mm. unless otherwise stated.
The panel will made on 3mm thick circa sheet steel.
Base Plate & Canopy will be made on 5mm. thick
circa sheet steel.

2. Degree of protection : IP-43.

All openings shall be covered by foam rubber gasket.

3. All openings shall be covered by tight rubber gaskets.

4. The inside will be painted by 1 coat of Redled / outside will be painted by 2 coats of synthetic enam

outside will be painted by 2 coats of synthetic enamel

Redled / zinc chromate. paint color - light gray-631

5. Feeder/board tally plates are of anodised with engrav-

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MFG.BY:AMIT PROJECT & DATE

AMII SUBJECT & VOLKATE (GNDI)

KOLKATA (CPRI)
DRAWN S.GOSWAMI 06.12.2022

AN ISO-8801 : 20
A P C

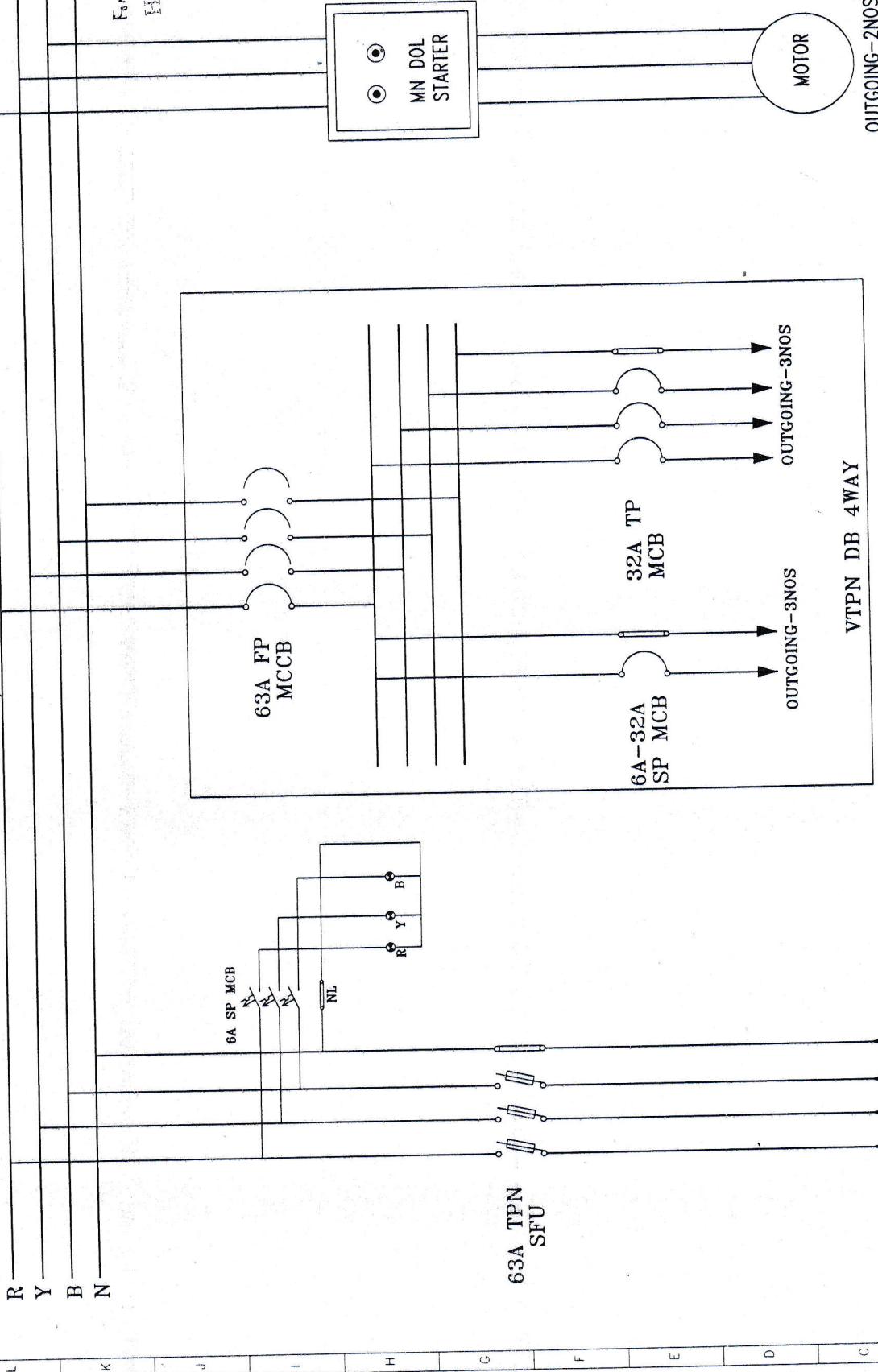
AN 150-9001 : 20
P.K.B 06.12.2022

8 PAGIADANGA BO

PROVED N.B 06.12.2022 8 FAGLADANGA RU

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415V, 120A COPPER BUS BAR



A/HEAD II
Govt. of West Bengal
Paritala Sankar Sekhar
Commissioner &
Under
naliya

Approved
29-12-22
Assistant Engineer, P.W.D.
Hooghly Electrical Sub-Division
Govt. of West Bengal

Approved 29-12-22
A. Executive Engineer, PW.D
Hooghly Electrical Division
Govt. of West Bengal

INCOMING SOURCE						PROJECT- NAME:	DRG. NO. APC022/SE/4742
	NAME	DATE	CLIENT:	P.W.D	CONTRACTOR-	SHEET: 2 OF 3	TOTAL SHEET : 3
DRAWN	S.GOSWAMI	06.12.2022	MFG.BY:AMIT PROJECT & CONTROLS KOLKATA (CPRI TESTED) 			SCALE: REV.-0 REV.-1 NOT TO SCALE	DATE: DATE: DATE: DATE:
CHECKED	P.K.B	06.12.2022	AN ISO-9001 : 2008 COMPANY			REV.-2 REV.-3	DATE: DATE:
APPROVED	N.D	06.12.2022	8 PAGLADANGA ROAD,KOL-105	SIKDER ENTERPRISE			
16	15	14	13	12	11	10	The copying, distribution and utilization of this document offenders will be held liable for the payment of damages.

OUTDOOR TYPE FEEDER PILLAR					
			TOTAL QTY.	MAKER'S NAME	
1	INCOMER FEEDER		1	NOS	L&T
1	63A TPN SFU WITH HRC		3	NOS	ESSEN/ESBE E
2	LED INDICATION LAMP (R/Y/B)		3	NOS	L&T
3	6A SP MCB		3	NOS	L&T
	VTPN DB UPTO 160A 4 WAY VTPN DB DOUBLE DOOR				
1	32A TP MCB 10KA "C CURVE"		3	NOS	L&T
2	6-32A SP MCB		3	NOS	L&T
3	63A 4P 35KA MCCB TM RELEASE		1	NOS	L&T
	OUTGOING FEEDER				
1	MN DOL STERTER RELAY RANGE 9-14A		2	NOS	L&T

B	NAME	DATE	MFG.BY:AMIT PROJECT & CONTROLS KOLKATA (CPRI TESTED)	CLIENT: P.W.D	PROJECT- Haripal Rural Hospital.	DRG. NO. APC022/SE/4743
A	DRAWN	CHECKED	APPROVED	CONTRACTOR- SKDER ENTERPRISE	TIME:	SHEET: 3 OF 3 TOTAL SHEET : 3
	S.GOSWAMI 06.12.2022 APC	P.K.B 06.12.2022 APC	N.D 06.12.2022			SCALE: REV-0 DATE: NOT TO REV-1 DATE: SCALE REV-2 DATE: REV-3 DATE:
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