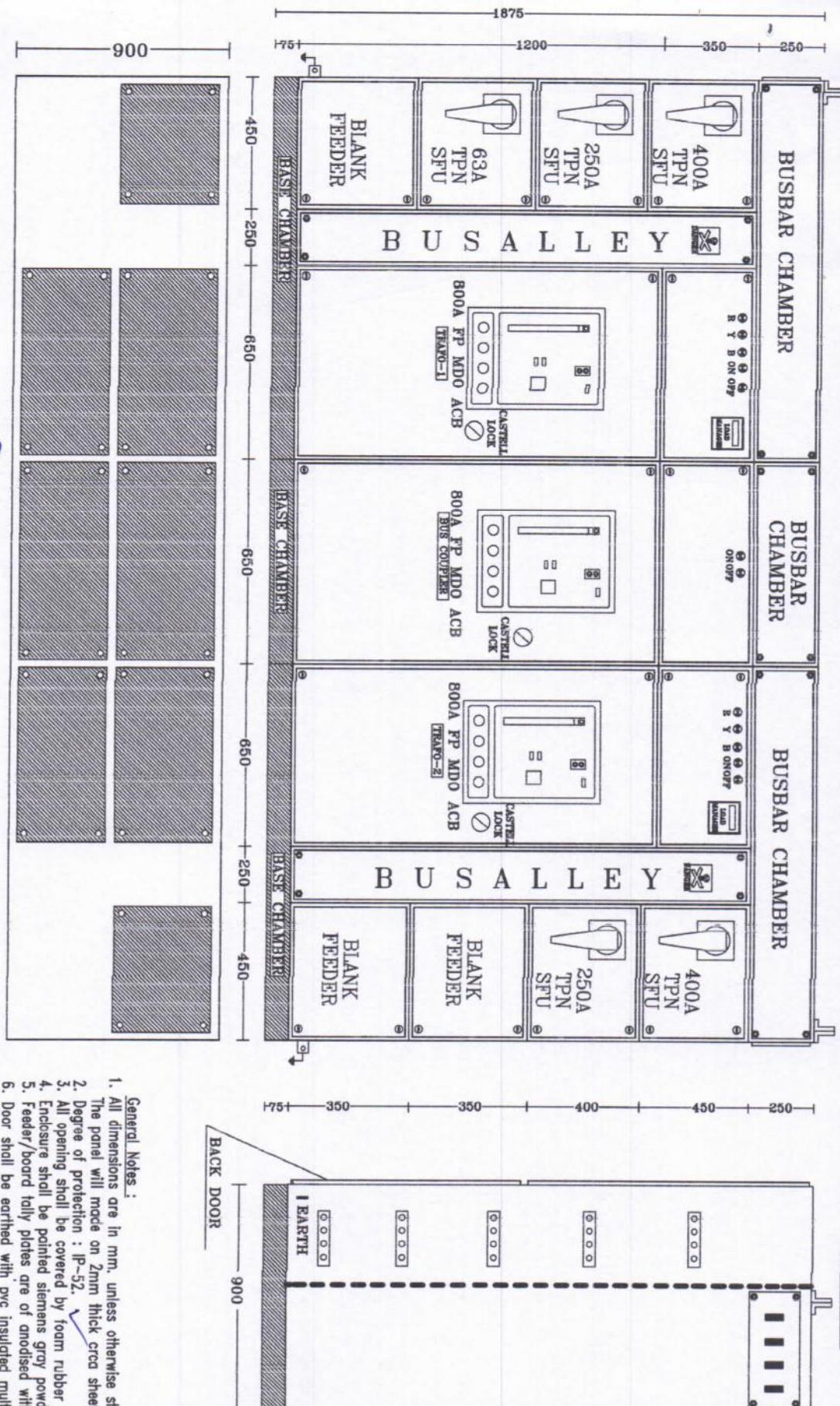


16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1
FRONT VIEW

SIDE VIEW



- May be approved*
- General Notes :
- All dimensions are in mm. unless otherwise stated.
 - The panel will made on 2mm thick cold sheet steel., Gland plate-5mm.
 - Degree of protection : IP-52.
 - All opening shall be covered by foam rubber gasket.
 - Enclosure shall be painted stemens gray powder coated as per ral-7032.
 - Feeders/board tally plates are of anodised with engraved lettering.
 - Door shall be earthed with pvc insulated multistrand copper wire.
 - Copper busbar size:
100 x 06 or 50 * 12 tinned copper busbar for phases:
100 x 06 or 50 * 12 tinned copper busbar for neutral.
50 x 06 g.i. busbar for phases.
 - Control & CI wiring-2.5sq. mm. copper wire (per meter/km/meter).

Revised
Assistant Engineer P.W.D.
Executive Engineer P.W.D.

Revised

FOUNDATION VIEW

*Should be Copper of
Same dimension*

Same dimension

A	B	C
DRAWN	S.GOSWAMI (A.P.C)	RECEIVED
CHECKED	P.K.B (A.P.C)	RECEIVED
APPROVED	N.D 15.11.2022	RECEIVED

16	15	14	13	12	11	10
1	2	3	4	5	6	7

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Partner

MAIN LT PANEL

Project

Division

Electrical

Department

Surge Protection

Section

Project & Controls

Division

Electrical

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Surge Protection

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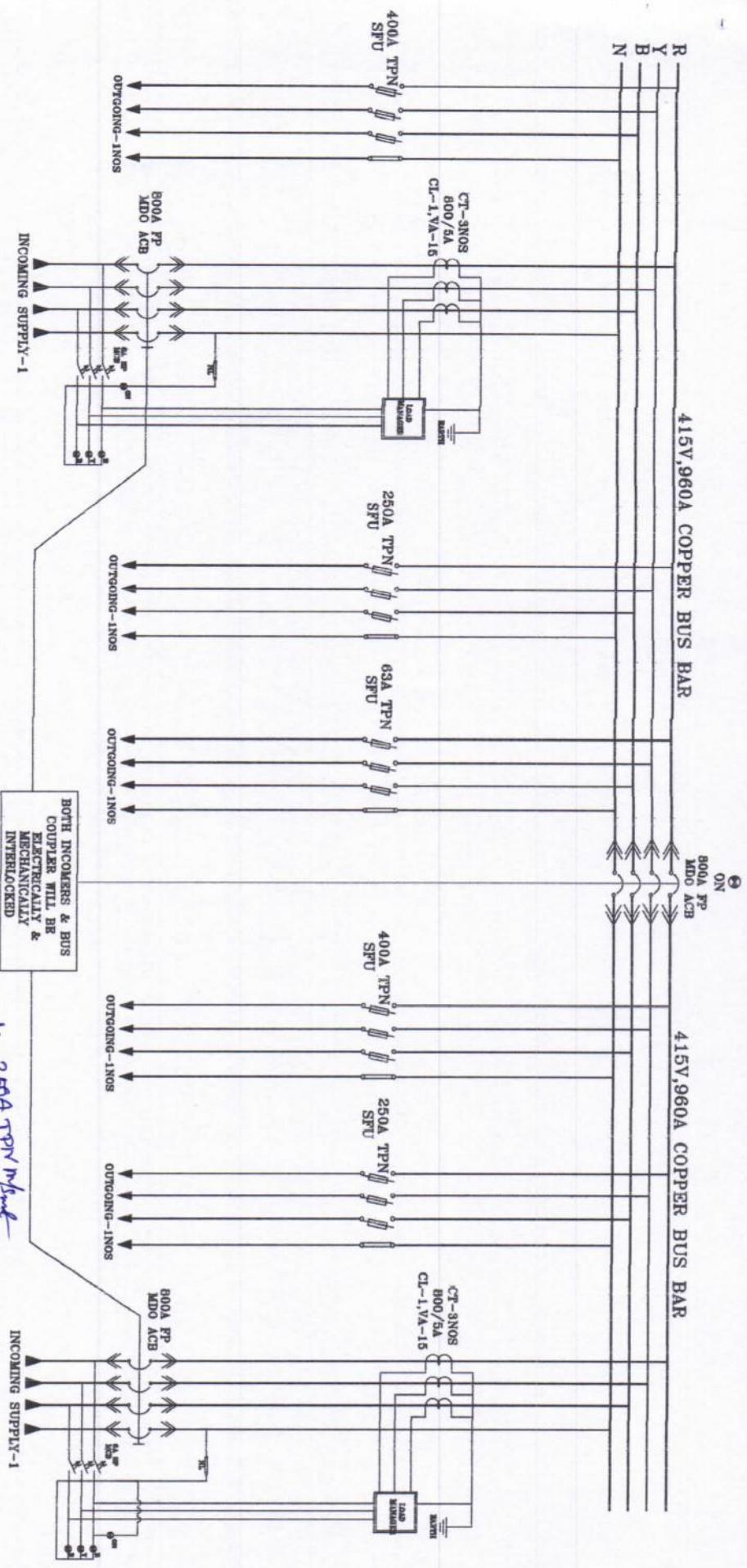
Section

Project & Controls

Division

Electrical

Department



INTERLOCKED

63A TPR 17 mm. (an
sox 6 mm.)
may for approach
may for approach

Suri Electrical Sub-Division

Executive Engineer P.W.D.
Birbhum Electrical Division

NAME	DATE	MFG.BY :
DRAWN S.S.GOSWAMI	15.11.2022	AMIT PROJECT & CONTROLS KOLKATA (CPR) TESTED
CHECKED P.K.B	15.11.2022	AN ISO-9001 : 2008 COMPANY 8 PAGLADANGA ROAD,KOL-105
APPROVED N.D	15.11.2022	(A P C) 
For DURGAPUR POWER		Client:
Contractor : <i>M. M. R.</i>		PROJECT- Construction of Proposed Up-gradation of Rural Hospital to 100 bedded State General Hospital along with Residential Officers' Staff Quarters at Samittha, in the district of Birbhum
TITLE: MAIN LT PANEL		DRG. NO. APC022/DP/4733
SHEET: 2 OF 3	TOTAL SHEET : 3	
NOT TO SCALE	REV-0	DATE:
	REV-1	DATE:
	REV-2	DATE:
	REV-3	DATE:

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12.00

MAIN LT PANEL

INCOMER FEEDER		TOTAL QTY.	MAKER'S NAME
----------------	--	------------	--------------

1	800A 4P 50KA MDO TYPE ACB MP RELEASE WITH O/L,S/C,E/F & U/V,S/T	2	NOS L&T
---	---	---	---------

2	LOAD MANAGER WITH RS 485 CL-1	2	NOS SCHNEIDER
---	-------------------------------	---	---------------

3	LED INDICATION LAMP (R/Y/B)	2	SET ESSEN/ESBE E
---	-----------------------------	---	------------------

4	CT 800/5A CL-1, VA-15 TAPE WOUND TYPE	6	NOS KAPPA
---	---------------------------------------	---	-----------

5	6A SP MCB	6	NOS L&T
---	-----------	---	---------

6	LED INDICATION LAMP ON FOR BREAKER	2	NOS ESSEN/ESBE E
---	------------------------------------	---	------------------

BUS COUPLER

1	800A 4P 50KA MDO TYPE ACB MP RELEASE WITH O/L,S/C,E/F & U/V,S/T	1	NOS L&T
---	---	---	---------

2	LED INDICATION LAMP ON FOR BREAKER	1	NOS ESSEN/ESBE E
---	------------------------------------	---	------------------

3	ELECTRICAL & MECHANICAL INTERLOCK	1	SET REPUTED
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OUTGOING FEEDER

1	400A 4P SFU WITH HRC	2	NOS L&T
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2	250A 4P SFU WITH HRC	2	NOS L&T
---	----------------------	---	---------

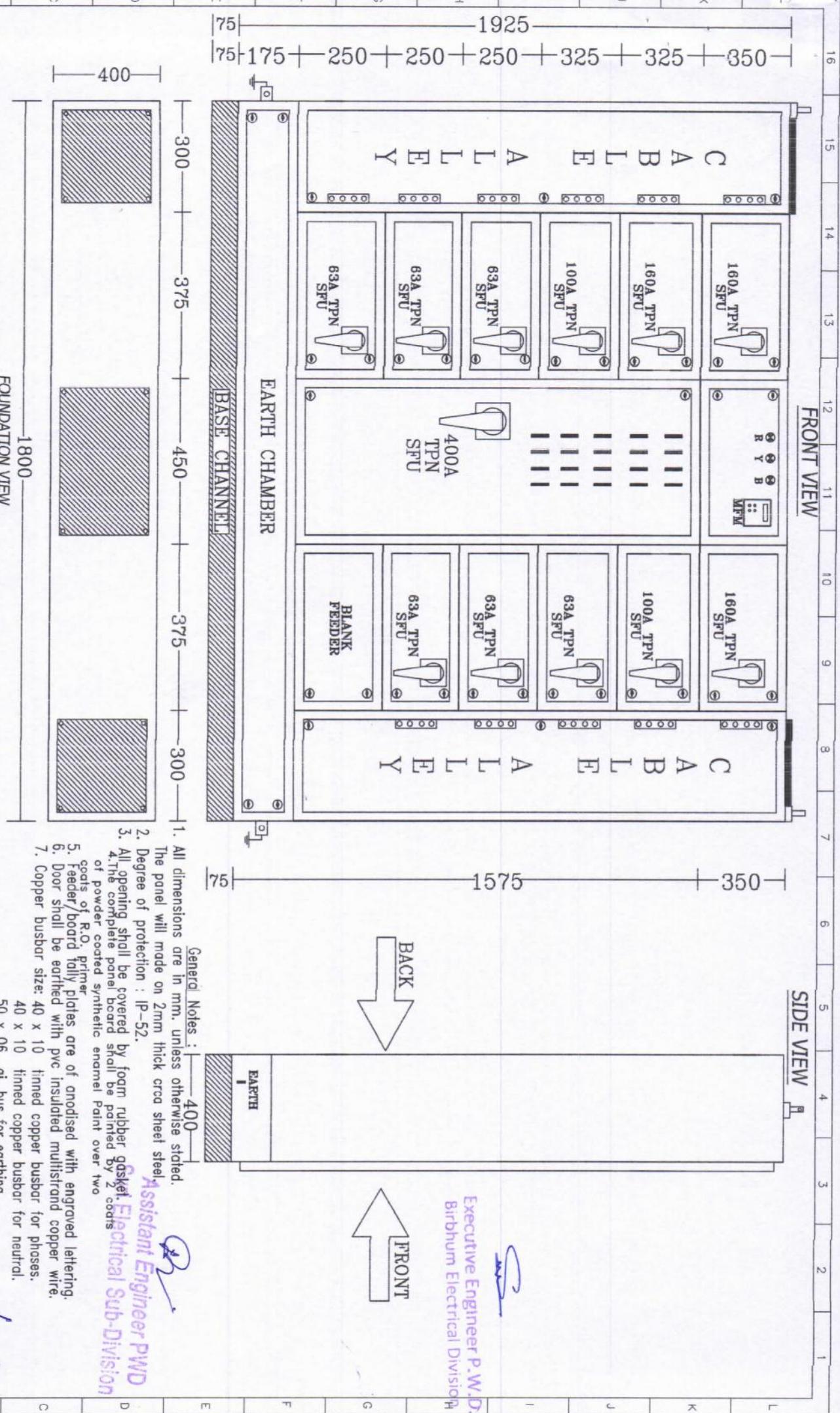
3	63A 4P SFU WITH 100A HRC	1	NOS L&T
---	--------------------------	---	---------

P.W.D.
Executive Engineer P.W.D.
Birbhum Electrical Division

B	NAME	DATE	MFG.BY:AMIT PROJECT & CONTROLS KOLKATA (CPRI TESTED)	CLIENT: DURGAPUR POWER	PROJECT- Construction of Proposed Up-gradation of Rural Hospital to 100 bedded State General Hospital along with Residential Officers / Staff Quarters at Santiniketan, in the district of Birbhum	DRG. NO. APC022/DP/4733
A	CHECKED	P.K.B	15.11.2022	For DURGAPUR POWER CONTRACTOR <i>Mamun Ali</i>	SHEET: 3 OF 3	TOTAL SHEET: 3
C	APPROVED	N.D	15.11.2022	8 PAGLADANGA ROAD,KOL-105	TITLE: MAIN LT PANEL	SCALE: NOT TO SCALE REV.-3 DATE: REV.-2 DATE: REV.-1 DATE: REV.-0 DATE:

Suri
Assistant Engineer PWD
Suri Electrical Sub-Division

16	15	14	13	12	11	10	The copying, distribution and utilization of this document offenders will be held liable for the damage of damages
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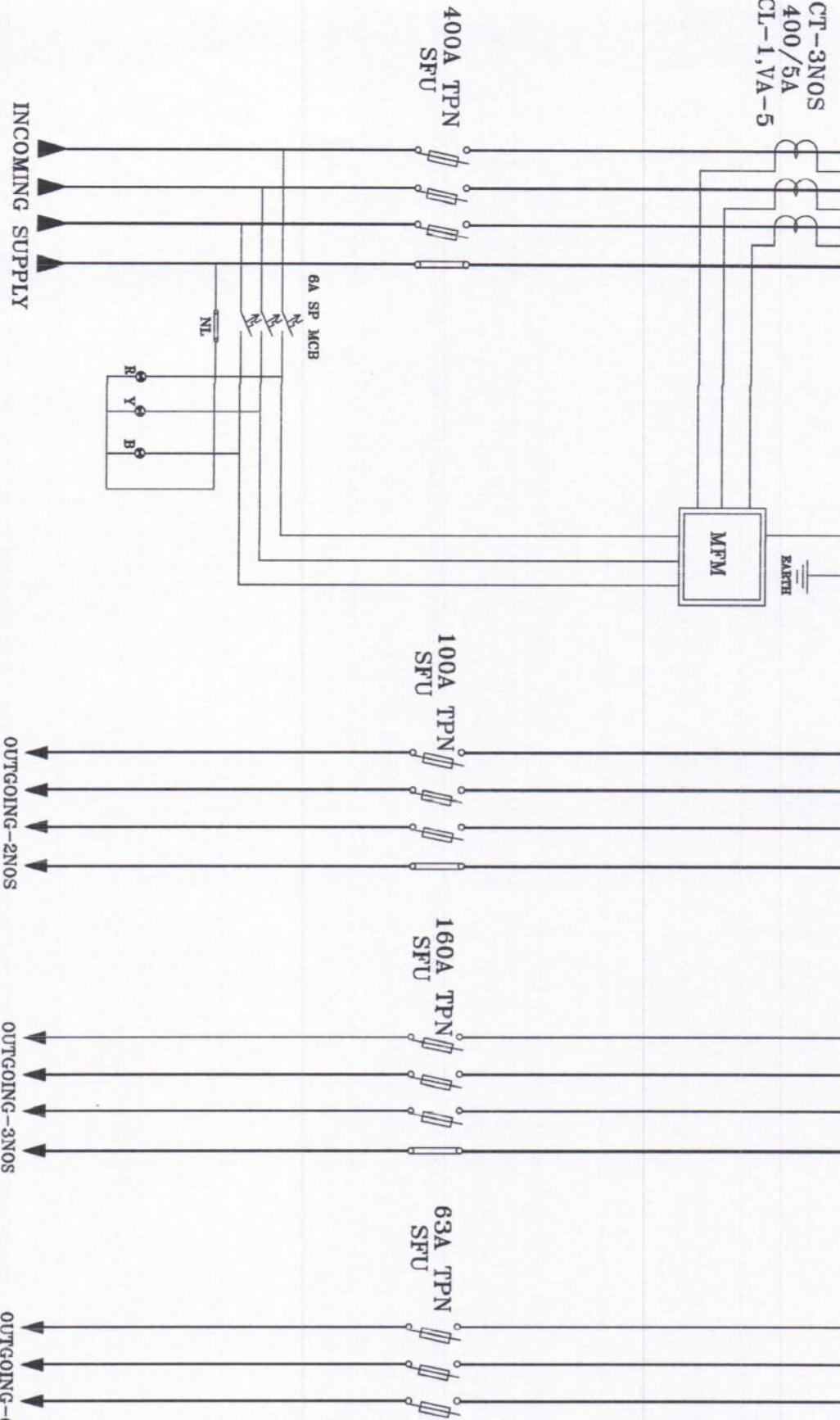
	NAME	DATE	MFG.BY: AMIT PROJECT & CONTROLS S.GOSWAMI 14.11.2022	CLIENT: DURGAPUR POWER For DURGAPUR POWER	PROJECT- Construction of Proposed Up-gradation of Rural Hospital to 100 bedded State General Hospital along with Residential Officers / Staff Quarters at Sainthia, in the district of Birbhum	DRG. NO. APC022/DP/4728
DRAWN	P.K.B	14.11.2022			SHEET: 1 OF 3	TOTAL SHEET: 3
CHECKED			AN ISO-9001 : 2008 COMPANY		NOT TO REV-0 REV-1 REV-2 REV-3	DATE DATE DATE DATE
APPROVED	N.D	14.11.2022	8 PAGLADANGA ROAD,KOL-105		SCALE A REV-3 DATE	
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415V,640A COPPER BUS BAR

N-B-Y-N

CT-3NOS
400/5A
CL-1,VA-5



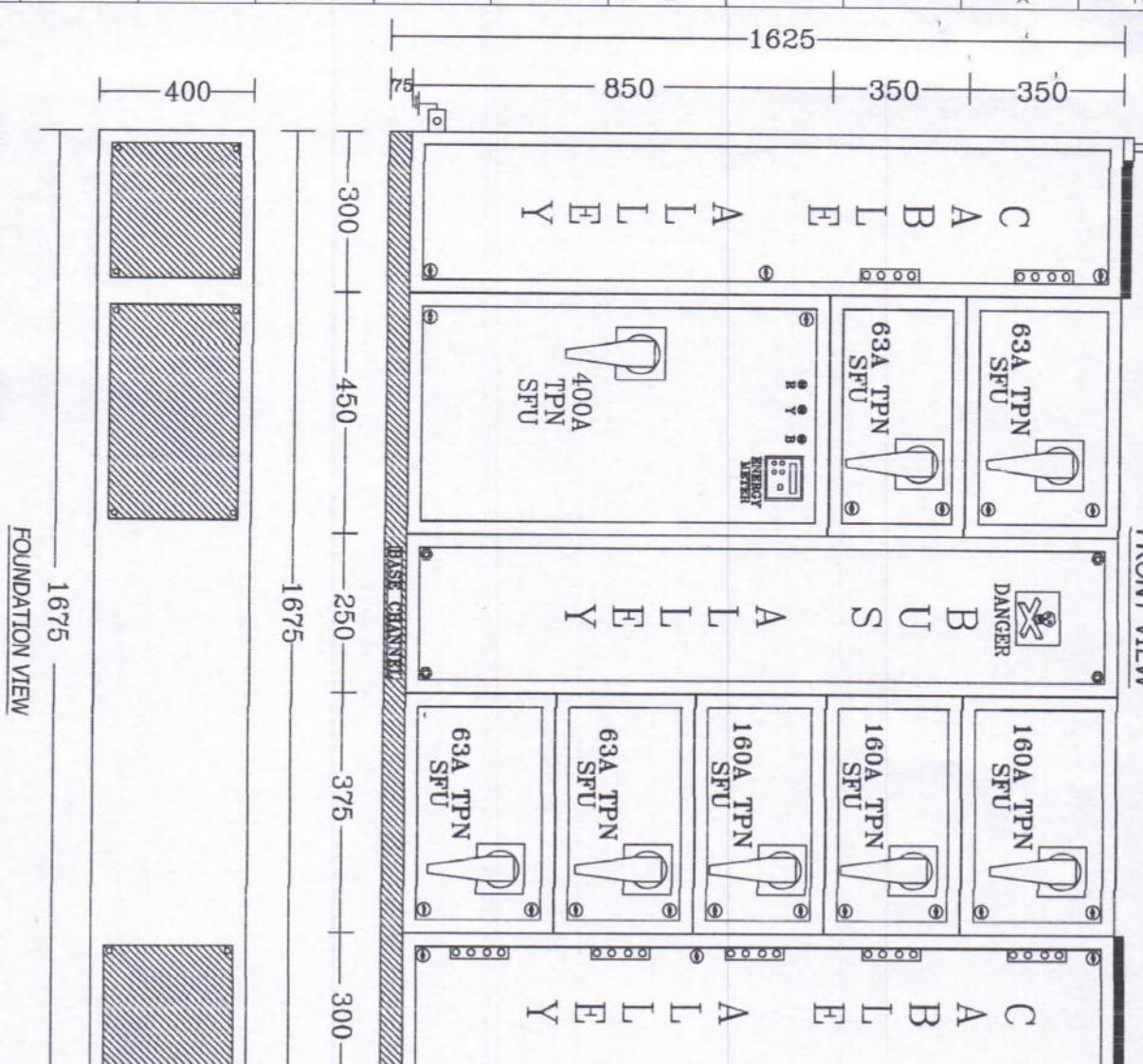
Executive Engineer P.W.D.
Birbhum Electrical Division

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APPROVED	N.D	15.11.2022
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FRONT VIEW

SIDE VIEW



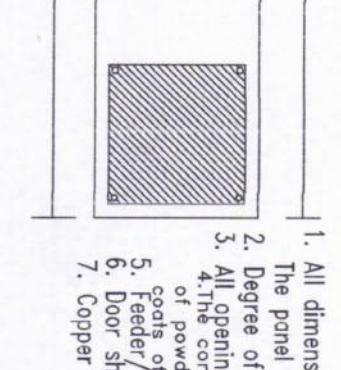
FOUNDATION VIEW

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 complete panel board shall be painted by 2 coats of powder coated synthetic enamel paint over two coats of R.O. primer.
5. Feeder/ board tally plates are of anodised with engraved lettering.
6. Door shall be earthed with pvc insulated multistrand copper wire.
7. Copper busbar size: 40 x 10 tinned copper busbar for phases. 40 x 10 tinned copper busbar for neutral. 50 x 6 gi. bus for earthing.
8. Control & Ct wiring-2.5sq. tris. copper wire (Refer drawing/kei/mesab/). *(Refer drawing/kei/mesab/)*

General Notes :

PROJECT- Construction of Proposed Up-gradation of Rural Hospital to 100 bedded State General Hospital along with Residential Officers / Staff Quarters at Sainthia, in the district of Birbhum

B. B. D. O.
Assistant Engineer PWD
Electrical Sub-Division



MFG.BY:AMIT PROJECT & CONTROLS		CLIENT:	DURGAPUR POWER	
DRAWN	S.GOSWAMI 15.11.2022	DURGAPUR POWER	For DURGAPUR POWER	Assistant Engineer PWD
CHECKED	P.K.B 15.11.2022			Electrical Sub-Division
APPROVED	N.D 15.11.2022		CUBICAL TYPE LT PANEL-2	

The copying, distribution and utilization of this document offenders will be held liable for the damage or damage.

Executive Engineer P.W.D.
Birbhum Electrical Division

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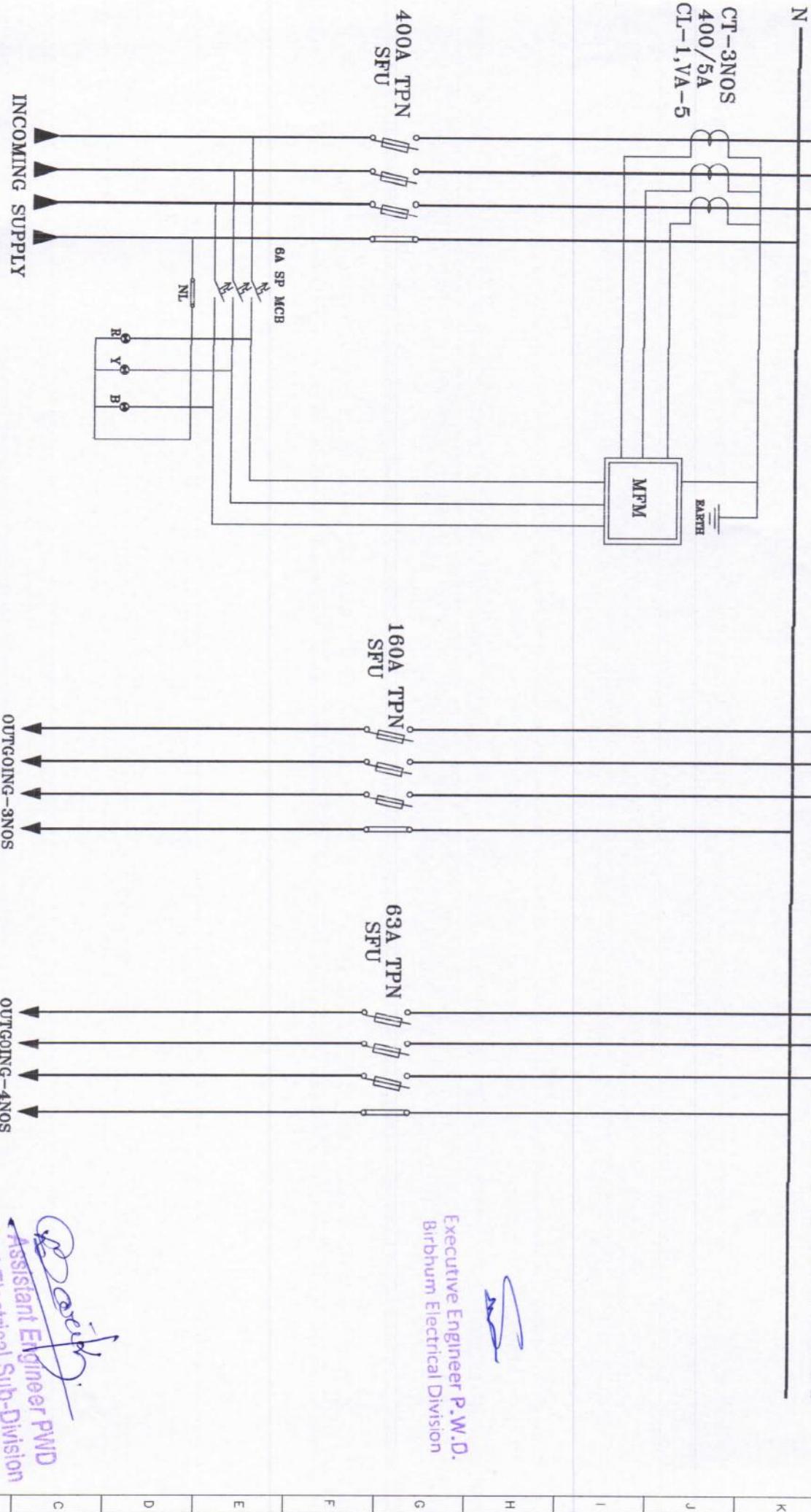
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415V,640A COPPER BUS BAR



CUBICAL TYPE LT PANEL-2			
		TOTAL QTY.	MAKER'S NAME
1	INCOMER FEEDER	1	NOS
1	400A TPN SFU WITH HRC	1	L&T
2	MULTIFUNCTION METER	1	L&T
3	LED INDICATION LAMP (R/Y/B) with <i>Toggle scatter</i> <i>Control for over indication lamp.</i>	1	SET ESSEN/ESBE E
4	CT 400/5A CL-1, VA-5 TAPE WOUND TYPE	3	NOS KAPPA
5	6A SP MCB <i>Justified rated some breaker</i>	3	NOS L&T
	OUTGOING FEEDER		
1	160A TPN SFU WITH HRC	3	NOS L&T
2	63A TPN SFU WITH HRC	4	NOS L&T

must be approved
by the Engineer PWD
Resistant Sub-Division

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Executive Engineer P.W.D.
Birbhum Electrical Division
PROJECT-

MFG.BY:AMIT PROJECT & CONTROLS

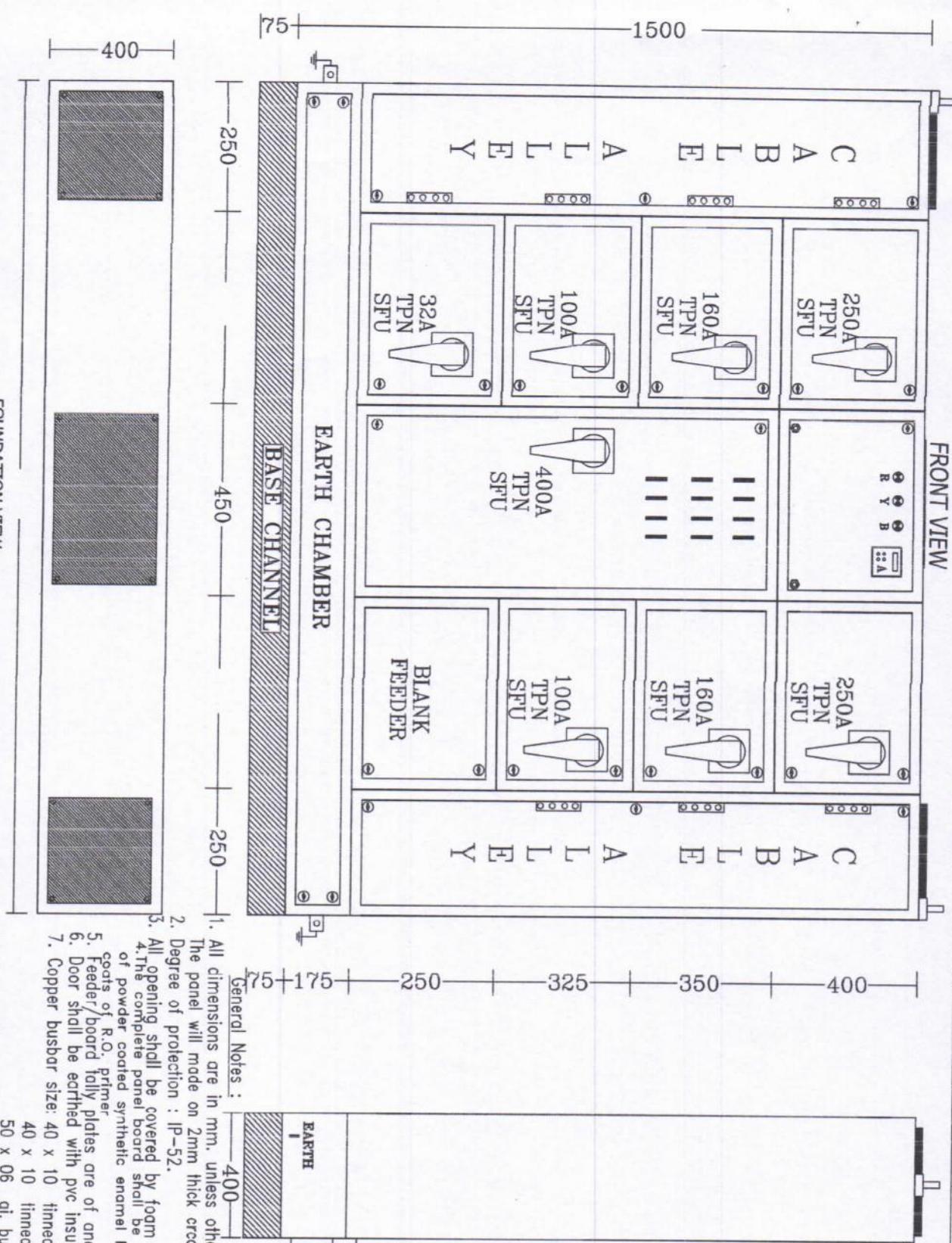
KULKATA (C.R.I. TESTED)
AN ISO-9001 : 2008 COMPANY
PAGLADANGA ROAD,KOL-104

SCALE REV.-3 DATE:

16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

FRONT VIEW

SIDE VIEW



Executive Engineer P.W.D.
Birbhum Electrical Division

General Notes :

- All dimensions are in mm, unless otherwise stated.
- The panel will made on 2mm thick crca sheet steel.
- Degree of protection : IP-52.
- All opening shall be covered by foam rubber gasket. The complete panel board shall be painted by 2 coats of powder coated synthetic enamel Paint over two coats of R.O. primer.
- Feeder/board tally plates are of anodised with engraved lettering.
- Door shall be earthed with pvc insulated multistrand copper wire.
- Copper busbar size: 40 x 10 mm finned copper busbar for phases.
- 40 x 10 mm finned copper busbar for neutral.
- 50 x 6 mm gi. bus for earthing.
- Control & Ct wiring—2.5sq. mm. copper wire (Polycore/kel/brass).

FOUNDATION VIEW

- MFG.BY:AMIT PROJECT & CONTROLS
DRAWN S.GOSWAMI/20.04.2022
CHECKED P.K.B 20.04.2022
APPROVED N.D 20.04.2022
(A P C) AN ISO-9001 : 2008 COMPANY
8 PAGLADANGA ROAD,KOL-105

CLIENT:

DURGAPUR POWER

PROJECT-
Construction of Proposed Up-gradation of Rural Hospital to 100 bedded State General Hospital along with Residential Officers / Staff Quarters at Santiniketan, in the district of Birbhum

TITLE:

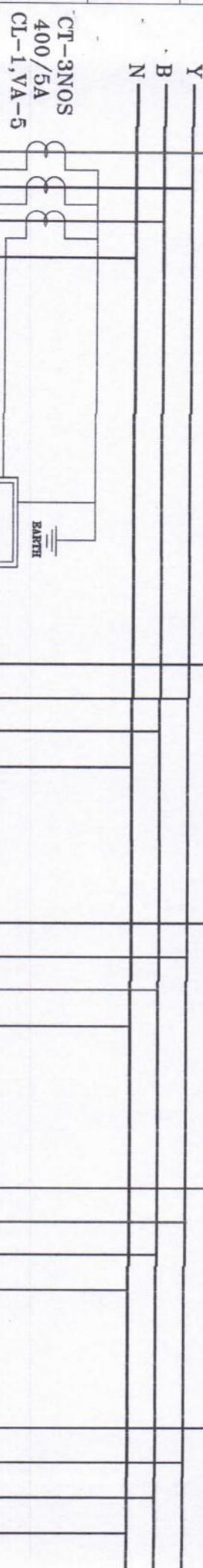
CUBICAL TYPE LT PANEL-3

DRG. NO. **Suri Electrical Sub Div**
SHEET: 1 OF 3 TOTAL SHEET: 3
NOT TO REV-0 DATE:
SCALE REV-1 DATE:
A REV-2 DATE:
REV-3 DATE:

16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

415V,640A COPPER BUS BAR



INCOMING SUPPLY

*Assistant Engineer PWD
Cub Electrical Sub Division*

OUTGOING-2NOS

*Executive Engineer PWD
Birbhum Electrical Division*

OUTGOING-2NOS

OUTGOING-1NOS

B	NAME	DATE	MFG.BY;AMIT PROJECT & CONTROLS KOLKATA (CPRI TESTED)	CLIENT: DURGAPUR POWER	PROJECT- Construction of Proposed Up-gradation of Rural Hospital to 100 bedded State General Hospital along with Residential Officers' Staff Quarters at Sainthia, in the district of Birbhum	DRG. NO. APC022/DP/4730
DRAWN	S.GOSWAMI	15.11.2022	(A P C) AN ISO-9001 : 2008 COMPANY	P.K.B	15.11.2022	CONTRACTOR: <i>DURGAPUR POWER</i>
CHECKED	N.D	15.11.2022				TITLE: CUBICAL TYPE LT PANEL-3
APPROVED						SCALE: NOT TO SCALE REV-0 REV-1 REV-2 REV-3 DATE: DATE: DATE: DATE:

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CUBICAL TYPE LT PANEL-3

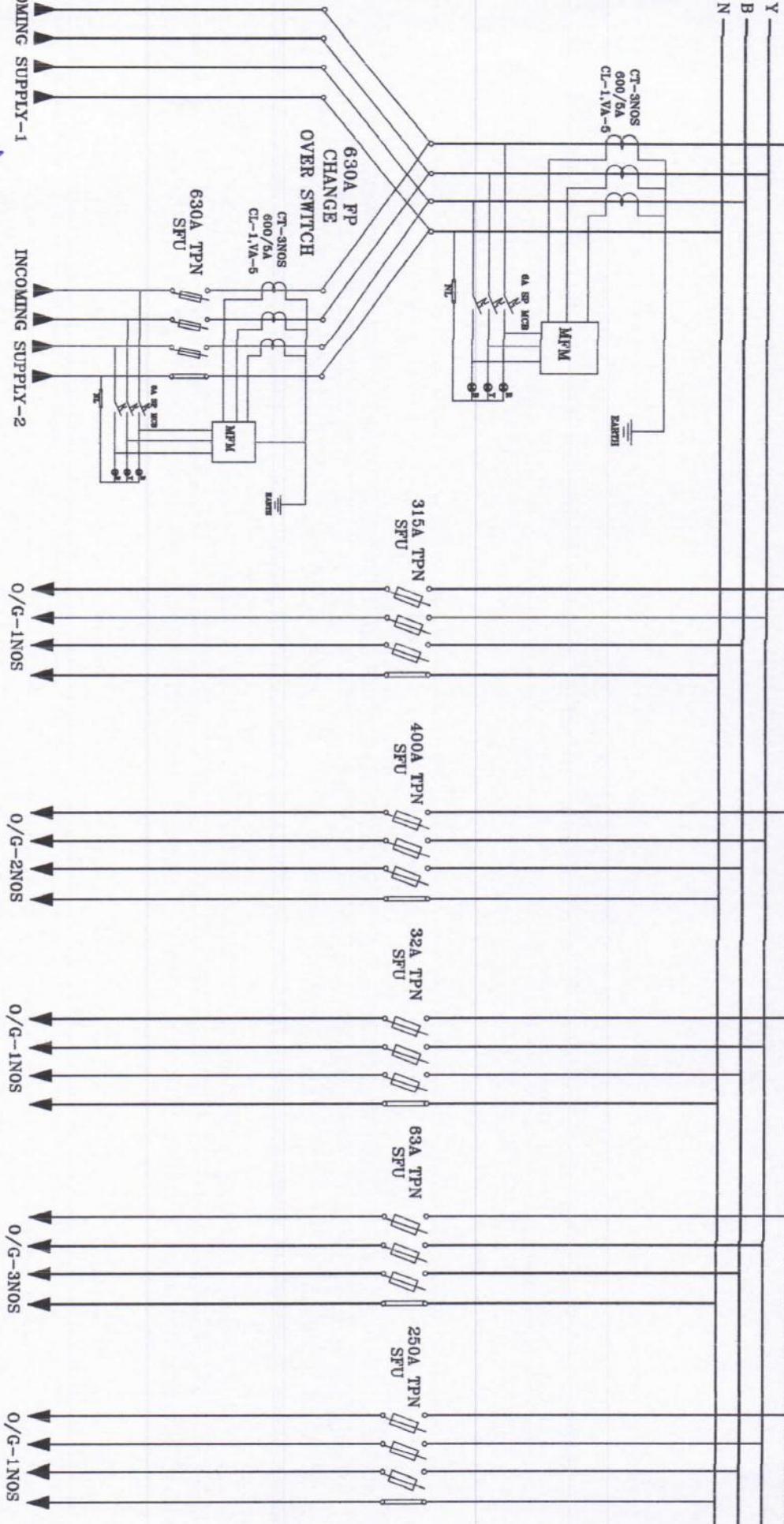
		TOTAL QTY.	MAKER'S NAME
	INCOMER FEEDER		
1	400A TPN SFU WITH HRC	1 NOS	L&T
2	MULTIFUNCTION METER	1 NOS	ESSEN/ESBE E
3	LED INDICATION LAMP (R/Y/B) with Toggle switch <i>Control for every indication lamp.</i>	1 SET	
4	CT 400/5A CL-1, VA-5 TAPE WOUND TYPE	3 NOS	KAPPA
5	6A SP MCB Justified rated SpMCB is required	3 NOS	L&T
	OUTGOING FEEDER		
1	250A TPN SFU WITH HRC	2 NOS	L&T
2	160A TPN SFU WITH HRC	2 NOS	L&T
3	100A TPN SFU WITH HRC	2 NOS	L&T
4	32A TPN SFU WITH HRC	1 NOS	L&T

*to be approved**S. Goswami*
Executive Engineer P.W.D.
Birbhum Electrical Division

B	NAME	DATE	MFG.BY:AMIT PROJECT & CONTROLS KOLKATA (CPRI TESTED)	DRG. NO.
DRAWN	S.GOSWAMI	15.11.2022	(A P.C.)	APC022/DP/4730
CHECKED	P.K.B	15.11.2022	AN ISO-9001 : 2008 COMPANY	SHEET: 3 OF 3 TOTAL SHEET : 3
APPROVED	N.D	15.11.2022	8 PAGLADANGA ROAD,KOL-105	SCALE: REV-0 DATE: A NOT TO REV-1 DATE: SCALE: REV-2 DATE: SCALE: REV-3 DATE:
16	15	14	13	12
11	10			
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16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

415V, 960A COPPER BUS BAR



*Project Engineer PWD
Assistant Engineer PWD*
Suri Electrical Sub-Division

Executive Engineer P.W.D.
Birbhum Electrical Division

B	NAME	DATE	C	D	E	F	G	H	I	J	K	L
DRAWN	S.GOSWAMI	15.11.2022										
CHECKED	P.K.B	15.11.2022										
APPROVED	N.D	15.11.2022										

DRG. NO. APC022/DP/4731

B

PROJECT-
Construction of Proposed Up-gradation of Rural
Hospital to 100 bedded State General Hospital along
with Residential Officers' Staff
Quarters at Sainthia, in the district of Birbhum

CLIENT:
DURGAPUR POWER

C

CONTRACTOR-
DURGAPUR POWER

D

TITLE:
CUBICAL TYPE LT PANEL-4

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CUBICAL TYPE LT PANEL-4

INCOMER FEEDER			TOTAL QTY.	MAKER'S NAME
1	630A TPN SFU WITH HRC		1	NOS L&T
2	MULTIFUNCTION METER		2	NOS L&T
3	LED INDICATION LAMP (R/Y/B) with toggle Switch Control for energy indication Lamp.		6	NOS ESSEN/ESBE E
4	CT 600/5A CL-1, VA-5 TAPE WOUND TYPE		6	NOS KAPPA
5	6A SP MCB <i>(Intended rated ampere is removed)</i>		6	NOS L&T
6	630A 4P ON LOAD CHANGEOVER SWITCH		1	NOS L&T
OUTGOING FEEDER				
1	315A TPN SFU WITH HRC		1	NOS L&T
2	400A TPN SFU WITH HRC		2	NOS L&T
3	32A TPN SFU WITH HRC		1	NOS L&T
4	63A TPN SFU WITH HRC		3	NOS L&T
5	250A TPN SFU WITH HRC		1	NOS L&T

Corected by Assistant Engineer PWU

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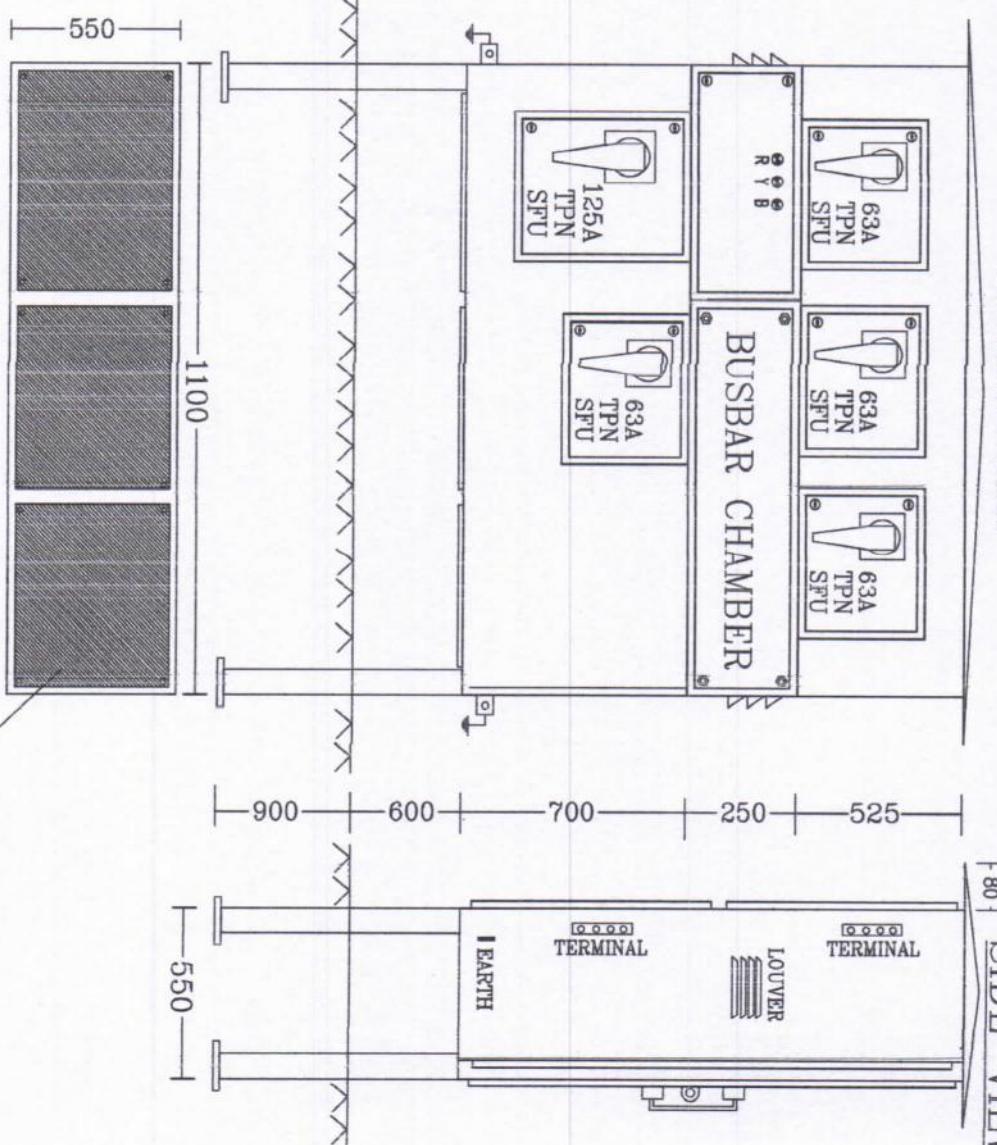
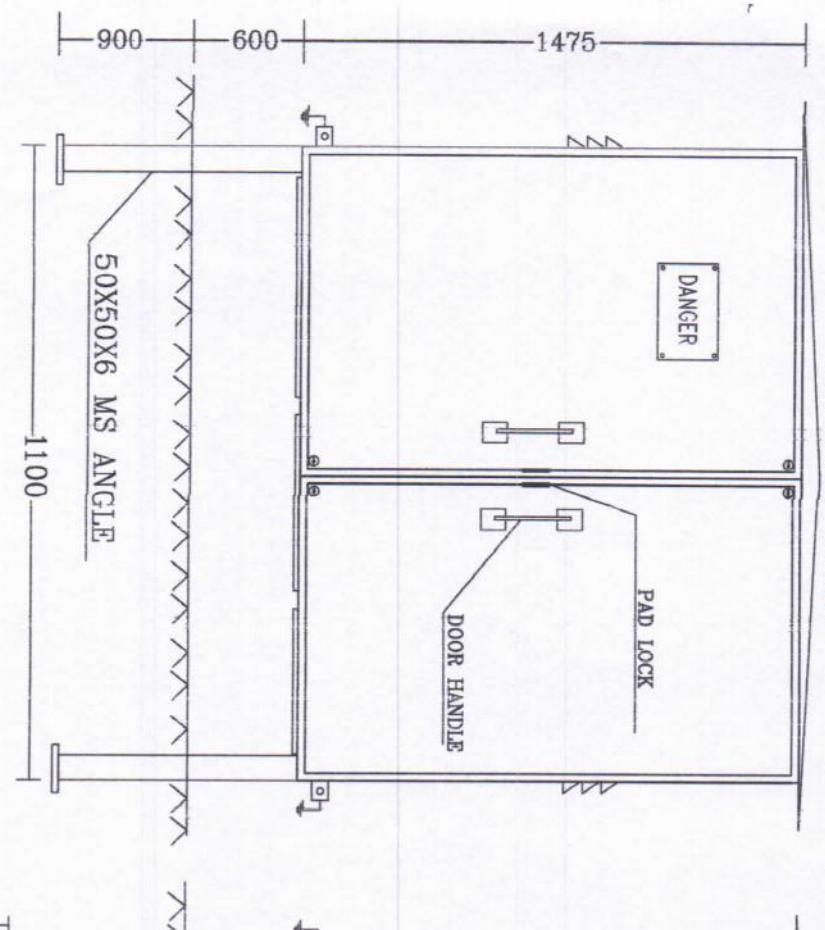
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FRONT VIEW

INSIDE VIEW

SIDE VIEW



FOUNDATION VIEW

GLAND PLATE

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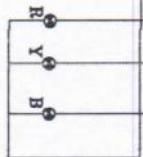
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415V,240A COPPER BUS BAR

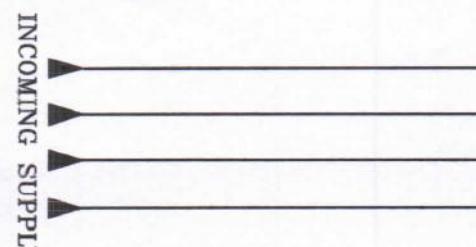
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6A SP MCB



125A TPN
SFU

63A TPN
SFU



INCOMING SUPPLY

OUTGOING-4NOS Suri Electrical Sub-Division

Rajesh
Assistant Engineer PWL

S
Executive Engineer P.W.D.
Birbhum Electrical Division

B	NAME	DATE	MFG.BY:AMIT PROJECT & CONTROLS DRAWN S.GOSWAMI 15.11.2022 (A P C) KOLKATA (CPRI TESTED)	CLIENT: DURGAPUR POWER <i>For DURGAPUR POWER</i>	PROJECT- Construction of Proposed Up-gradation of Rural Hospital to 100 bedded State General Hospital along with Residential Officers'/ Staff Quarters at Sainthia, in the district of Birbhum	DRG. NO. APC022/DP/4732	B
A	CHECKED	P.K.B 15.11.2022	AN ISO-9001 : 2008 COMPANY APPROVED 8 PAGLADANGA ROAD,KOL-105	CONTRACTOR <i>Partha Chakraborty</i>	TITLE: OUTDOOR FEEDER PILLAR	SHEET: 2 OF 3	TOTAL SHEET: 3
					SCALE: NOT TO SCALE	REV.0 REV.1 REV.2 REV.3	DATE: DATE: DATE: DATE:
						A	

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

16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

OUTDOOR FEEDER PILLAR (QTY-2)

OUTDOOR FEEDER PILLAR (QTY - 2)			
	TOTAL QTY.	MAKER'S NAME	
INCOMER FEEDER			
1 125A TPN SFU WITH HRC WITH SS ENCLOSER	1	NOS	L&T
LED INDICATION LAMP (R,Y,B)	3	NOS	ESSEN/ESBE E
3 6A SP MCB	3	NOS	L&T
OUTGOING FEEDER			
1 63A TPN SFU WITH HRC WITH SS ENCLOSER	4	NOS	L&T

~~Ramchand~~
Assistant Engineer PWD
Suri Electrical Sub-Division

Executive Engineer P.W.D.
Birbhum Electrical Division