

NOTE: 1. DRAWING APPROVAL SUBJECT TO VALID TYPE TEST  
REPORTS, TO BE CHECKED DURING ACCEPTANCE TESTS  
2. FOR EPC CONTRACTS ONLY


LTAC PANEL

END USER :M/s. APTRANSCO  
 CUSTOMER :AS APPLICABLE  
 PURCHASE ORDER No. :AS APPLICABLE  
 QTY :AS APPLICABLE  
 DRAWING NO. :SE / APTRANSCO / LTAC PANEL / 02 / 23-24

SH.NO.	DESCRIPTION	SHEET NO.	REV. No.
01	COVER & INDEX SHEET	01 OF 04	---
02	GENERAL ARRANGEMENT	02 OF 04	---
03	SINGLE LINE DIAGRAM	03 OF 04	---
04	BILL OF METERIAL	04 OF 04	---

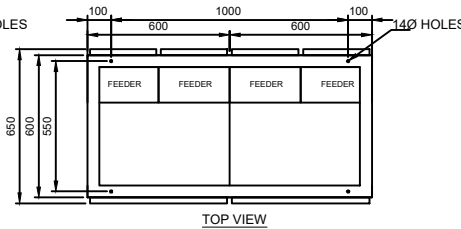
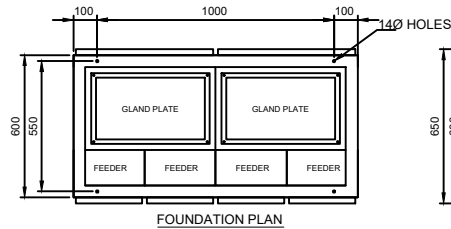
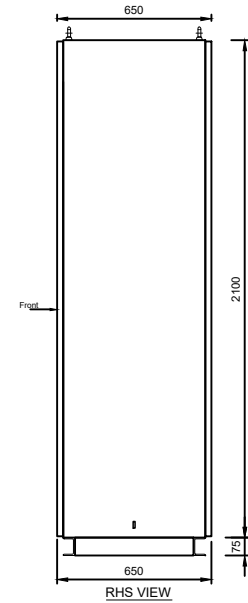
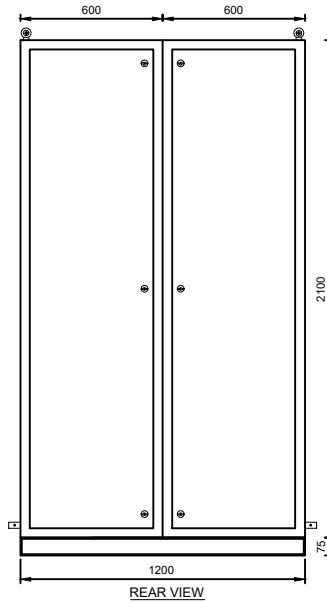
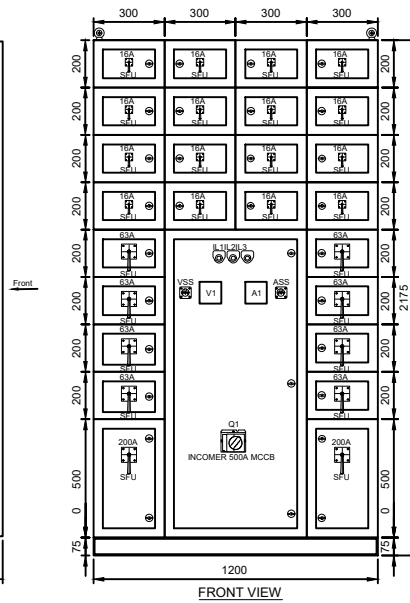
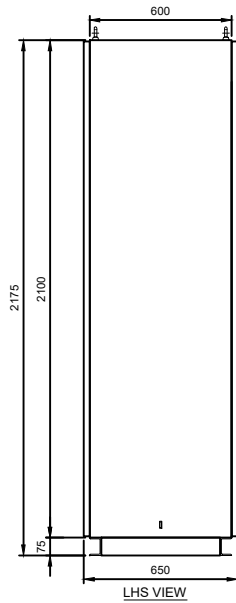
**Chief Engineer/Projects  
APTRANSCO/VS/Vijayawada.**

Drawing approval subject to valid vendor registration

CLIENT : APTRANSCO				
SUPPLIER : M/s. SRINIVASA ENTERPRISES, HYDERABAD				
DESIGN & MFD BY :				
 M/S.SRINIVASA ENTERPRISES B-5, T.I.E. BALANAGAR HYDERABAD-500 037 PH.NO.092463 78045 EMAIL: somana123@yahoo.com	NAME	SIGN.	DATE	SCALE
	DRN.	Bindu	15-04-2023	NTS
	DCN.	Thomas	15-04-2023	
	APPD.	S.S.Rao	15-04-2023	
TITLE : LTAC PANEL			DRAWING NO: SE / APTRANSCO / LTAC PANEL / 02 / 23-24	
Sheet No : 01		No.of sheets : 04		

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- NOTE:
- PANEL SHALL BE FABRICATED WITH 2mm CRCA SHEET
  - IP PROTECTION : IP42
  - PANEL COLOUR : 631 OF IS-5 POWDER COATING
  - BUSBAR SUPPORT SHALL BE PROVIDED (FRP)
  - BARRIER SHALL BE PROVIDED
  - PHASE TO PHASE CLEARANCE-AS PER IS
  - PHASE TO NEUTRAL CLEARANCE-AS PER IS

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DRAWING NO: SE / APTRANSCO / LTAC PANEL / 02 / 23-24					
TITLE : LTAC PANEL		Sheet No : 02			
		No.of sheets : 04			

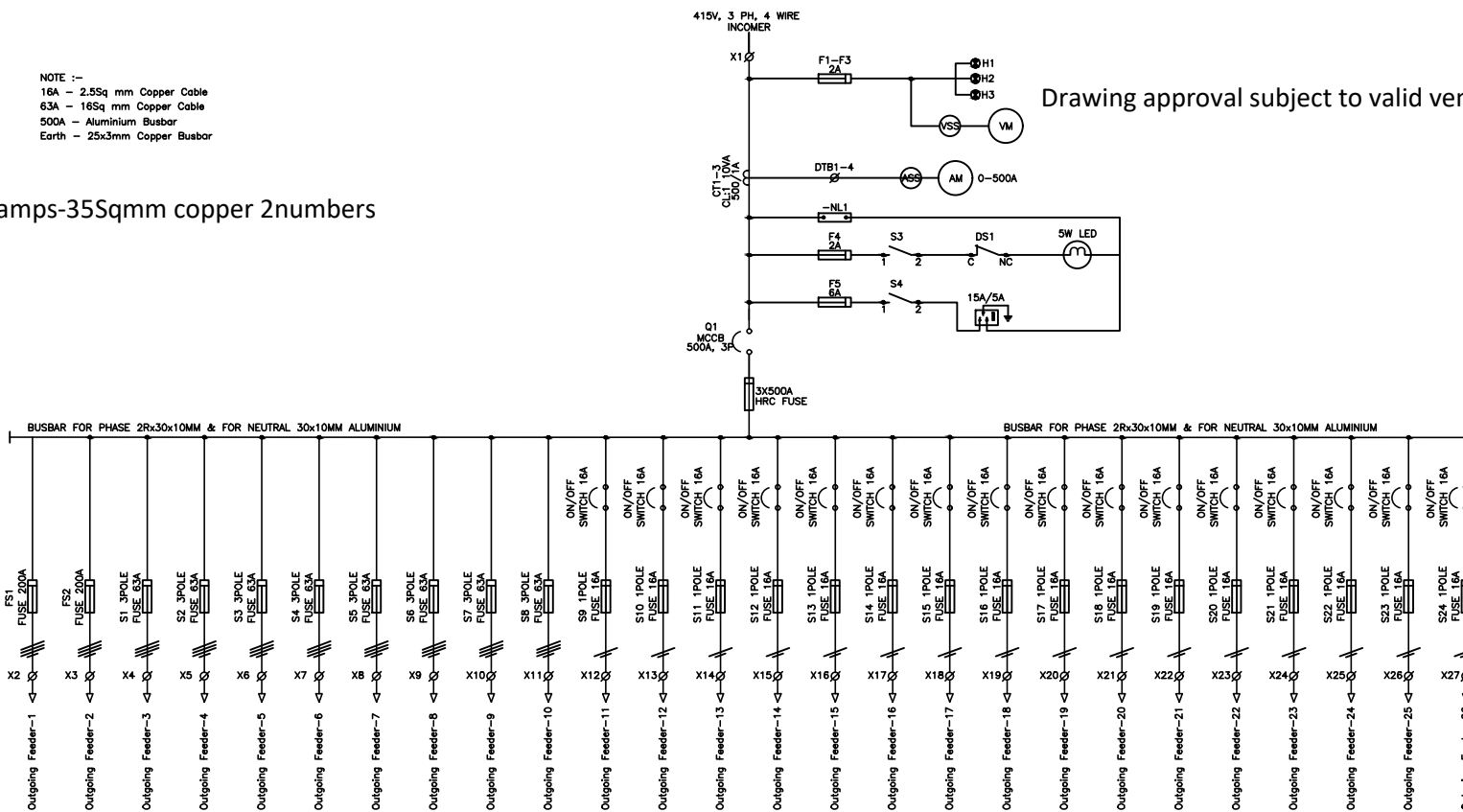
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NOTE :-  
 16A - 2.5Sq mm Copper Cable  
 63A - 16Sq mm Copper Cable  
 500A - Aluminium Busbar  
 Earth - 25x3mm Copper Busbar

200amps-35Sqmm copper 2numbers

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	DGN.	Thomas	15-04-2023	
APPT.	S.S.Rao	15-04-2023		
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DRAWING NO: SE / APTRANSCO / LTAC PANEL / 02 / 23-24		Sheet No : 03		
		No.of sheets : 04		

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**BIL OF METERIALS  
INCOMER :**

Sl. No.	Tag	Specification	Make	UOM	Quantity
1	Q1	MCCB 415V, 500A, 36 kA, 3P+NL, WITH SPREDERS AND RHOM	C&S/L&T/HAVELLS	Nos	1
2	HRC FUSE	HRC FUSE -500A	C&S/L&T/HAVELLS	Nos	3
3	A1	AC Ammeter - 0-500/5A, Acc.1%, 90D , 96Sq mm	C&S/L&T/ELMEASURE	Nos	1
4	V1	AC Voltmeter - 0-500V - 1.0% - 96 - A90D	C&S/L&T/ELMEASURE	Nos	1
5	T1-3	CT - 500/5A - 10VA - CL1	Kappa/Reputed	Nos	3
6	H1	Clustered LED-assly-240V AC -22.5mm Red	TECKNIC/VAISHNO/ESSEN	Nos	1
7	H2	Clustered LED-assly-240V AC -22.5mm Yellow	TECKNIC/VAISHNO/ESSEN	Nos	1
8	H3	Clustered LED-assly-240V AC -22.5mm Blue	TECKNIC	Nos	1
9	ASS	AMMETER SELECTOR SWITCH 5 POSITION 10A	SALZER	Nos	1
10	VSS	VOLTMETER SELECTOR SWITCH 6 WAY 10A	SALZER/KAYCEE	Nos	1

**OUTGOING - 1,2**

1	FS1	Fuse sw-200A-3P+N On/OFF - CTF - Bolt Type WITH HRC FUSE SET	C&S/L&T/HAVELLS	Nos	2
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**OUTGOING - 3-10**

1	F5	Rotary Switch - 63A - 3P - ON/OFF-AC WITH HRC FUSE SET	C&S/L&T/SALZER/KAYCEE	Nos	8
2	TB	TERMINAL BLOCK FOR 63A FEEDER INCLUDING SPARE	PHOENIX/ELMEX	Nos	32+6

**OUTGOING - 11-26**


1	F13	Rotary switch - 16A - 1P - ON/OFF - AC DC	C&S/L&T/KAYCEE	Nos	16
2	F13	Fuse Base - 20A - 1P	C&S/L&T/GE	Nos	32
3	F13	HRC FUSE 16A	C&S/L&T/GE	Nos	16
4	NL	NEUTRAL LINKS 16A	C&S/L&T/REPUTED	Nos	16
5	TB	TERMINAL BLOCK FOR 16A FEEDER INCLUDING SPARE	JAINSON/ELMEX	Nos	32+6

**LIGHTING**

1	S(3-4)	Toggle Switch - pm - SPST - ON / OFF - 10A	REPUTED	Nos	2
2	SC1	Socket - 3 Pin - 5A	Anchor	Nos	1
3	PB	PB Door Lamp - NC (Refrig Switch)	STD	Nos	1
4	PL	Doorlamp - 5W -230V AC	Philips	Nos	1
5	DLS	DOOR LIMIT SWITCH	SIEMENS/GE	Nos	1
6	FUSE	CONTROL FUSE-6A	REPUTED	Nos	1
7	FUSE	CONTROL FUSE-2A	REPUTED	Nos	2
8	GLAND	CABLE GLAND FOR INCOMING AND OUTGOING	REPUTED	Nos	30

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