

ITEM QTY	CATALOG NUMBER	DESCRIPTION	SUPPLIER
1	4	FUR60	AMP
2	5	FFF49	AMP
3	4	FSF22	AMP
4	1	FFP3645	AMP
5	2	FFP2160	AMP
6	1	FFP4818F	AMP
7	1	FFP4803F	AMP
8	1	FFP3615F	AMP
9			
10	1	FFP1260F	AMP
11	1	FFP1239HF	AMP
12	1	FFP3639H	AMP
13	1	FTS124	AMP
14	3	GMB	NOHL
15	2	FSBSC	AMP
16	4	FBMA	AMP
17	4	FBMB	AMP
18	4	FBMC	AMP
19	32	R-1000GR1	RICH PLASTIC
20	1	72A/2500-50	AUSTIN

SPECIFICATIONS

- CABINET is free standing NEMA 3R. Frame is 12 gauge steel galvanized steel bolted together and include leveling provisions. All side plates are part formed galvanized steel and are bolted to the frame with tamper-resistant zinc plated bolts. Enclosure is primed and painted transformer green enamel.
- SUPPORTING STRUCTURE for bus bars is bolted to framework such as that any phase bar can be relocated vertically as required to meet job requirements.

- BUS BARS are electrical grade pitted aluminum # 6101T65 per ASTM specifications # B317 supported on 1/2 centers using double gastic insulators of copper bus oxidizing on special order. Current for 2000A bus bar is 2500A and for 3000A bus bar is 3000A/square inch. Note: For 2000A bus bar is punched with 18 sets of 9/16 square holes on 2" horizontally and 1 3/4 centers vertically.

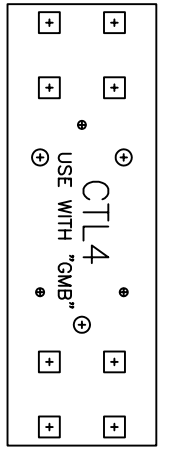
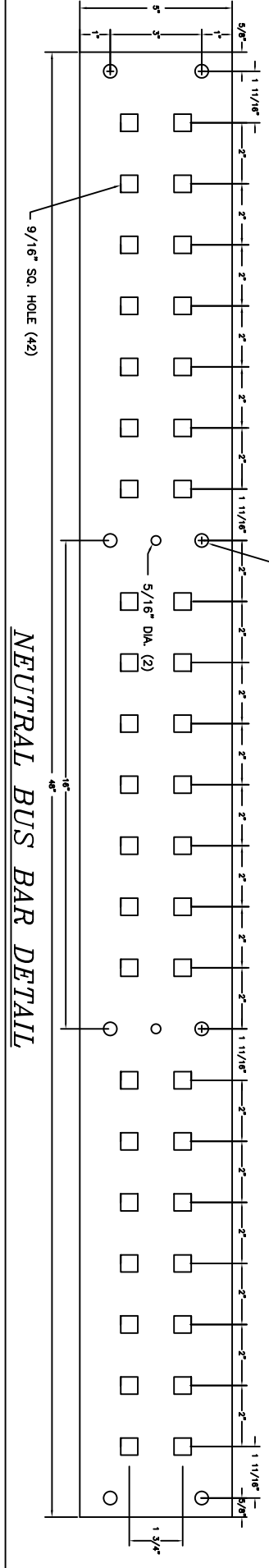
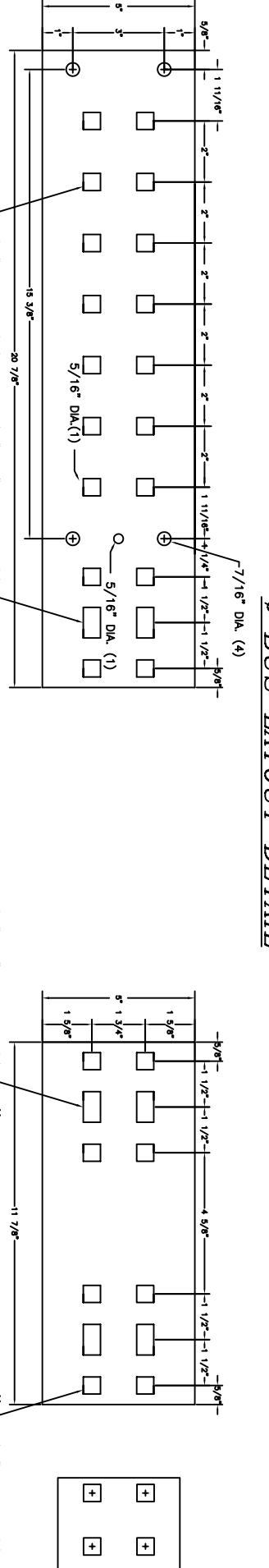
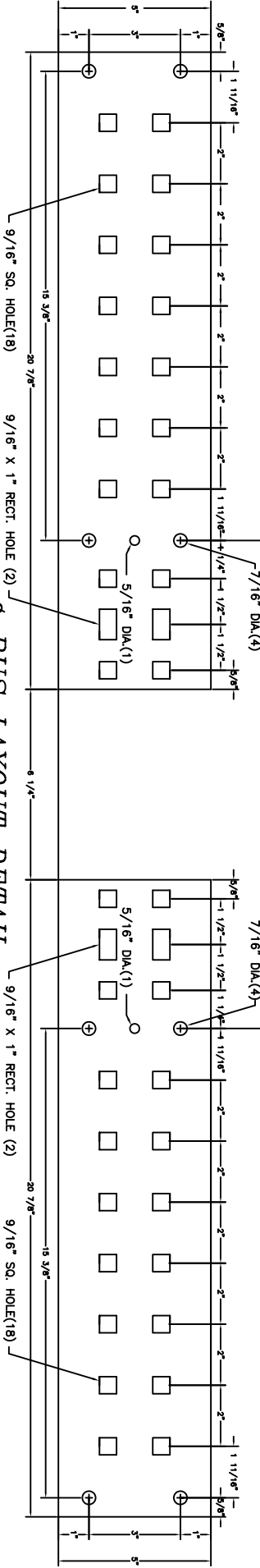
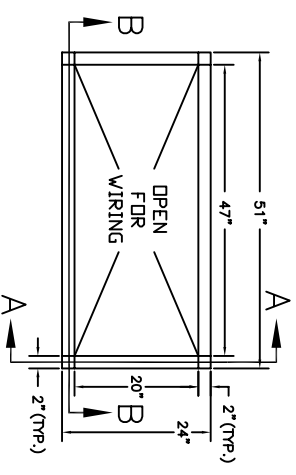
- RATINGS are 2000A, 2500A, 3000A, 3600A, and 4000A at 600V maximum 3φ-4W, 3φ-3W, 1φ-3W. All cabinets shall have bus brood for 85,000A RMS amperes short circuit current rating.

- CONNECTORS in a range of #2 to 750 MCM are available in set screw type or compression type for field or factory installation. Connectors will be factory installed on right side of bus unless otherwise specified. Up to (12) - 750MCM or (24) - 250MCM conductors can be installed on each side, per bar.

- PT ENCLOSURE required for 480V/277 volt installations, use part #PTB396 VT

MERTS STANDARDS

- ETL listed and labeled conforms to UL standard 1773 termination boxes
- Conforms to NEMA standards
- Meets National Electrical Code requirements
- Meets Power Company requirements



NOTE: EXTERNAL PT ENCLOSURE REQUIRED FOR 480V SERVICES PART # ASEP13569RN

ALUMINUM BUS	4" AL	5" AL	COOPER BUS	4" CU	5" CU	REQ. LINKS
AMP RATING	4"	5"	AMP RATING	4"	5"	AL. CU.
1200	2	600	1200	2	600	2
1600	3	333	1600	2	800	3
2000	3	667	2000	2	1000	3
2500			2500	2	1000	4
3000	4	750	3000	3	1000	4
4000			4000	4	1000	6

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REV. BY DATE
ECP 02/09/12
ECP 07/06/12

JOB NAME: MN POWER SERVICE CONNECTION CABINET
TITLE: SERVICE CONNECTION CABINET W/CT PROVISION 1200-4000

DRAWN BY: DATE: 06/22/10
CHECKED BY: DATE: 06/22/10
APPROVED BY: DATE: 06/22/10

CUSTOMER: MN POWER

AMERICAN Midwest Power
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DRAWING NUMBER: MNP SCC12-40CT
SHEET: 1 OF 1