

GENERAL NOTES

- FLOOR MOUNTED ENCLOSURE.
TYPE 3R CONSTRUCTED FROM CODE GAUGE STEEL.
FINISH: TYPE 3R, ANSI 61 GRAY POLYESTER SEMI GLOSS ELECTROSTATIC POWDER.
TYPE 3RX EXTERIOR CONSTRUCTED FROM CODE GAUGE STAINLESS STEEL.
(R) EXTERIOR CONSTRUCTED FROM TYPE 304 STAINLESS STEEL.
(S) EXTERIOR CONSTRUCTED FROM TYPE 316 STAINLESS STEEL.
- EXTERIOR DOORS HAVE PADLOCKABLE HANDLES WITH 3-POINT LATCH
- DESIGNED FOR FRONT & REAR ACCESS.
- RECOMMENDED CLEARANCES: FRONT: 38" REAR: 38"
- EXTERIOR VENTS: 600A - 1000A: NO VENTS,
1200A: VENTS ARE SUPPLIED WITH POLYESTER DUST FILTERS.
- LIFTING PLATES: SECTIONS ARE SUPPLIED WITH LIFTING PLATES FOR DAMAGE AND TORQUE BOLTS TO 45 FT LBS BEFORE USE. REFER TO ANSI/NEMA PB 2.1 FOR PROPER HANDLING OF EQUIPMENT. AFTER INSTALLATION OF SECTION, REMOVE LIFTING PLATES. REINSTALL BOLTS INTO EXTERIOR HOLES AND TORQUE TO APPROXIMATELY 20 FT LBS.
- ⊙ DENOTES SHIPPING SPLIT. UNIT SHIPS IN 2 SECTIONS.

SYSTEM NOTES

- SYSTEM RATING: 600 AMPS, 800 AMPS, 1000 AMPS, 1200 AMPS.
SHORT CIRCUIT RATING : SOURCE 1 600A - 1200A : 50,000 RMS SYM @ 480V.
SOURCE 2 600A - 1200A : 22,000 RMS SYM @ 480V.
- ALL BUS IS SILVER-PLATED COPPER, BASED ON 1000A PER SQ. IN. DENSITY.
- GROUND: 25% RATED.
- NEUTRAL: 100% RATED.
- APPLICABLE LABEL(S): U.L. 891

CIRCUIT BREAKER: ITEM 52LB

- SQUARE "D" 80% RATED TYPE 'PJF' MOLDED CASE CIRCUIT BREAKER
1200AF/600AT, 1200AF/800AT, 1200AF/1000AT, 1200AF/1200AT.
ELECTRONIC TRIP UNIT WITH LONG DELAY AND INSTANTANEOUS TRIP SETTINGS.
SHORT CIRCUIT RATING: AIC 65,000 RMS SYM @ 480V.
- OPTIONAL 100% BREAKER MAY BE SUPPLIED.
- OPTIONAL ERMS SWITCH MAY BE SUPPLIED
- OPTIONAL ___VAC SHUNT TRIP MAY BE SUPPLIED.
- U.L. 489

TERMINATIONS 800A

- SUPPLIED WITH MECHANICAL (SCREW TYPE) LUGS.
LOAD: (4) 1/0 AWG - 600MCM PER PHASE & NEUTRAL & GROUND
SOURCE 1: (4) 1/0 AWG - 600MCM PER PHASE & NEUTRAL & GROUND
A. SUITABLE WIRE BENDING SPACE IS PROVIDED AS PER THE NEC
- OPTIONAL LUGS MAY BE SUPPLIED.
- SUPPLIED WITH SERIES 16 SINGLE POLE FEMALE RECEPTACLES.
LOAD BANK : (2) PER PHASE
LOAD BANK : (1) ON GROUND

TRANSFER SWITCH

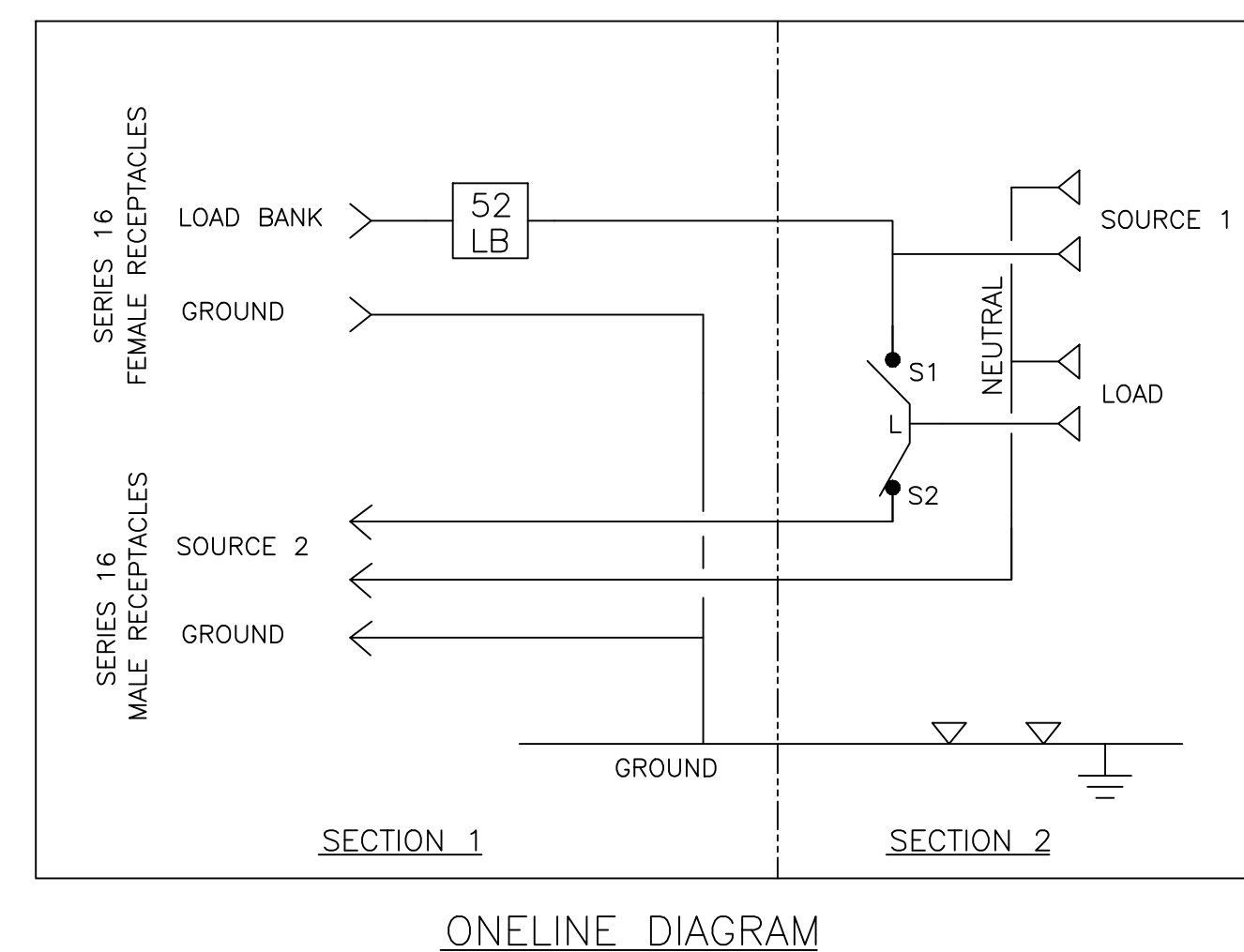
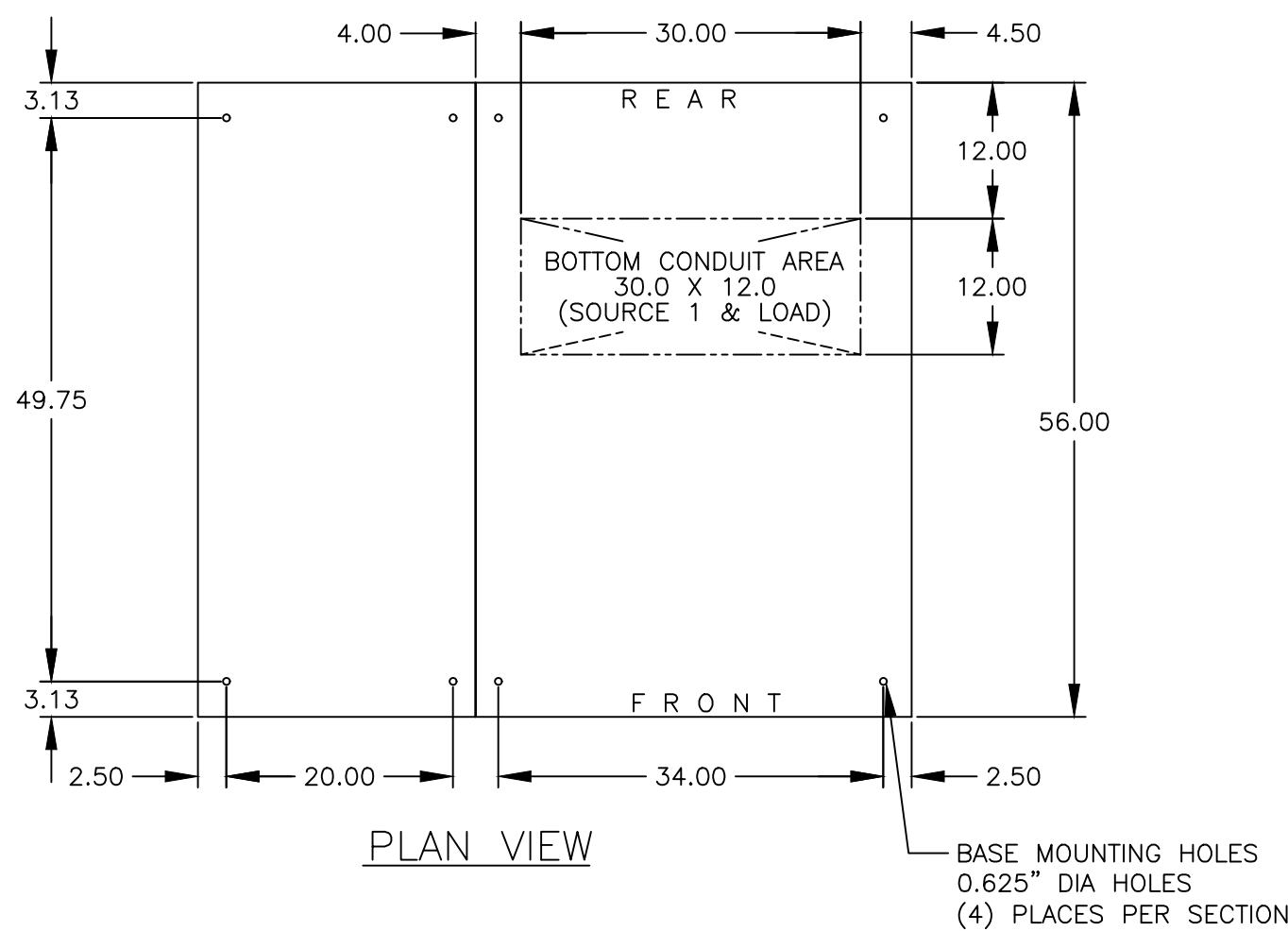
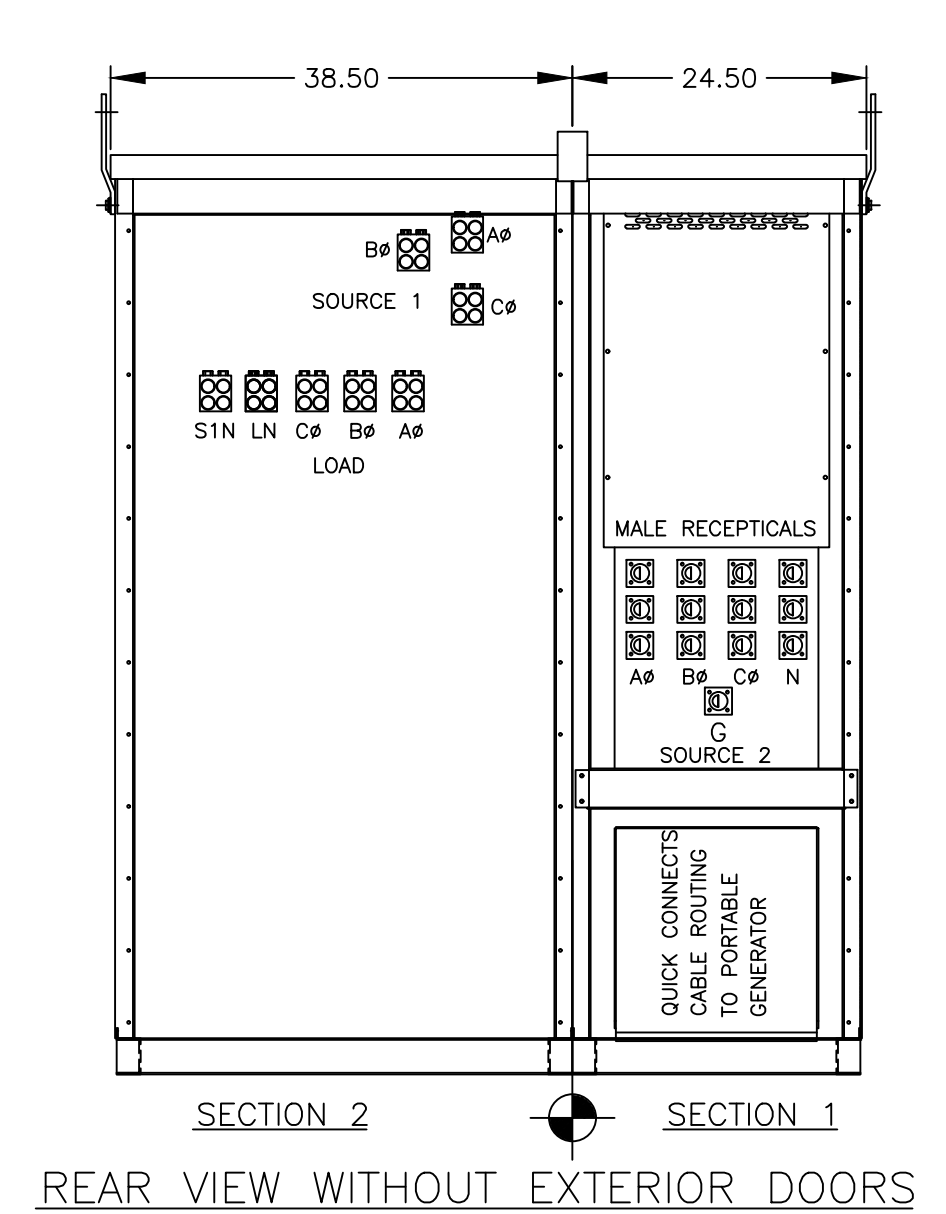
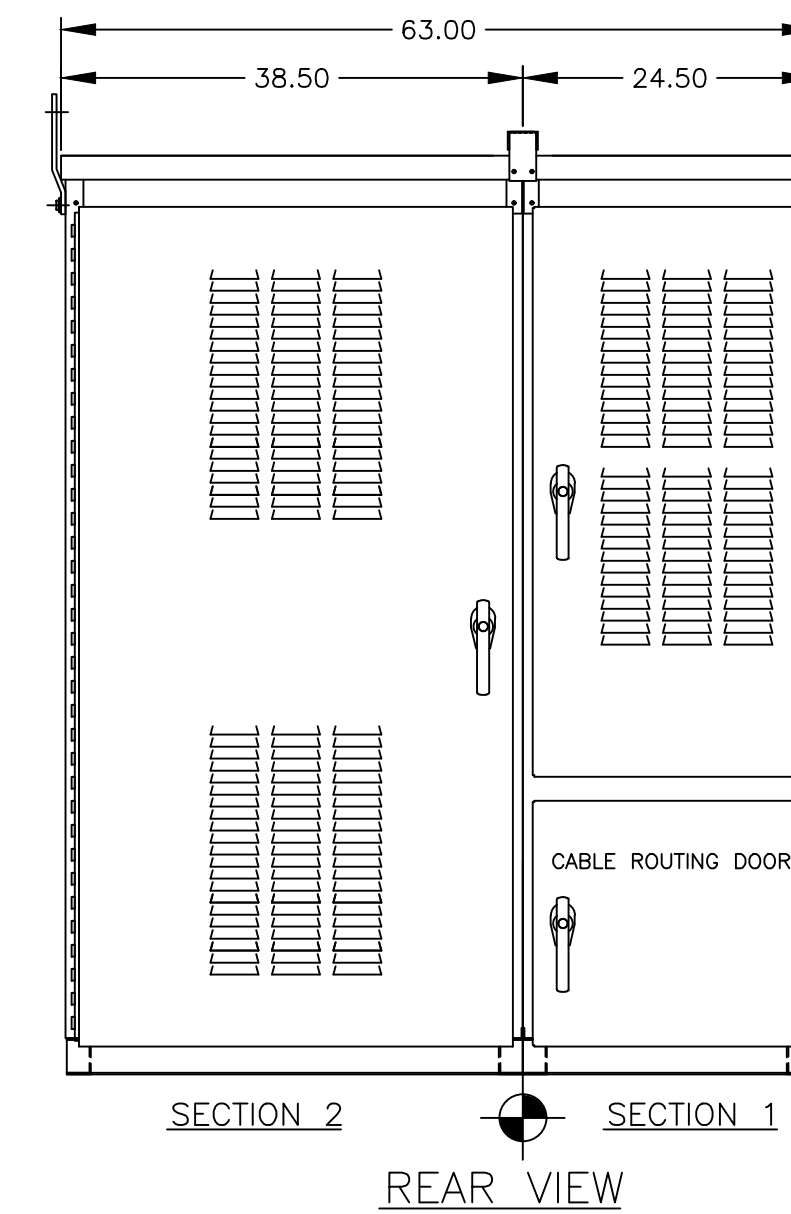
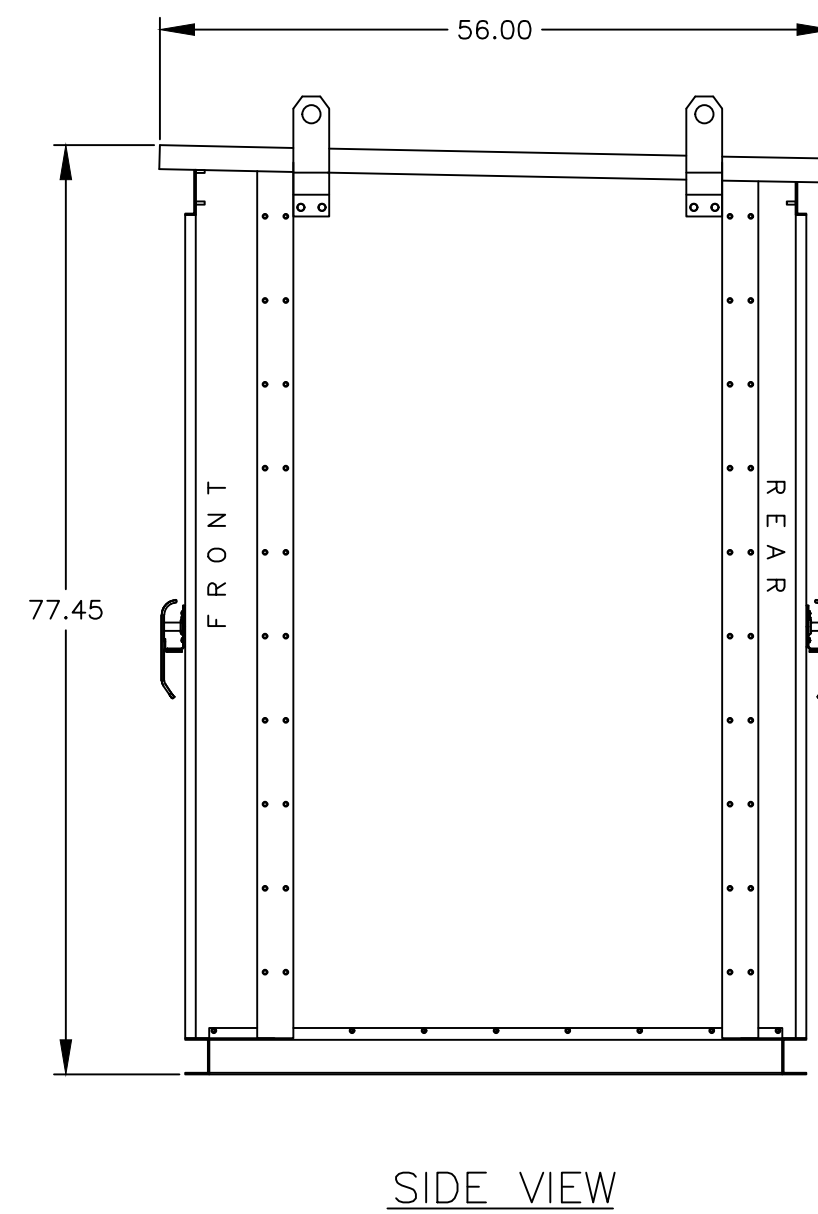
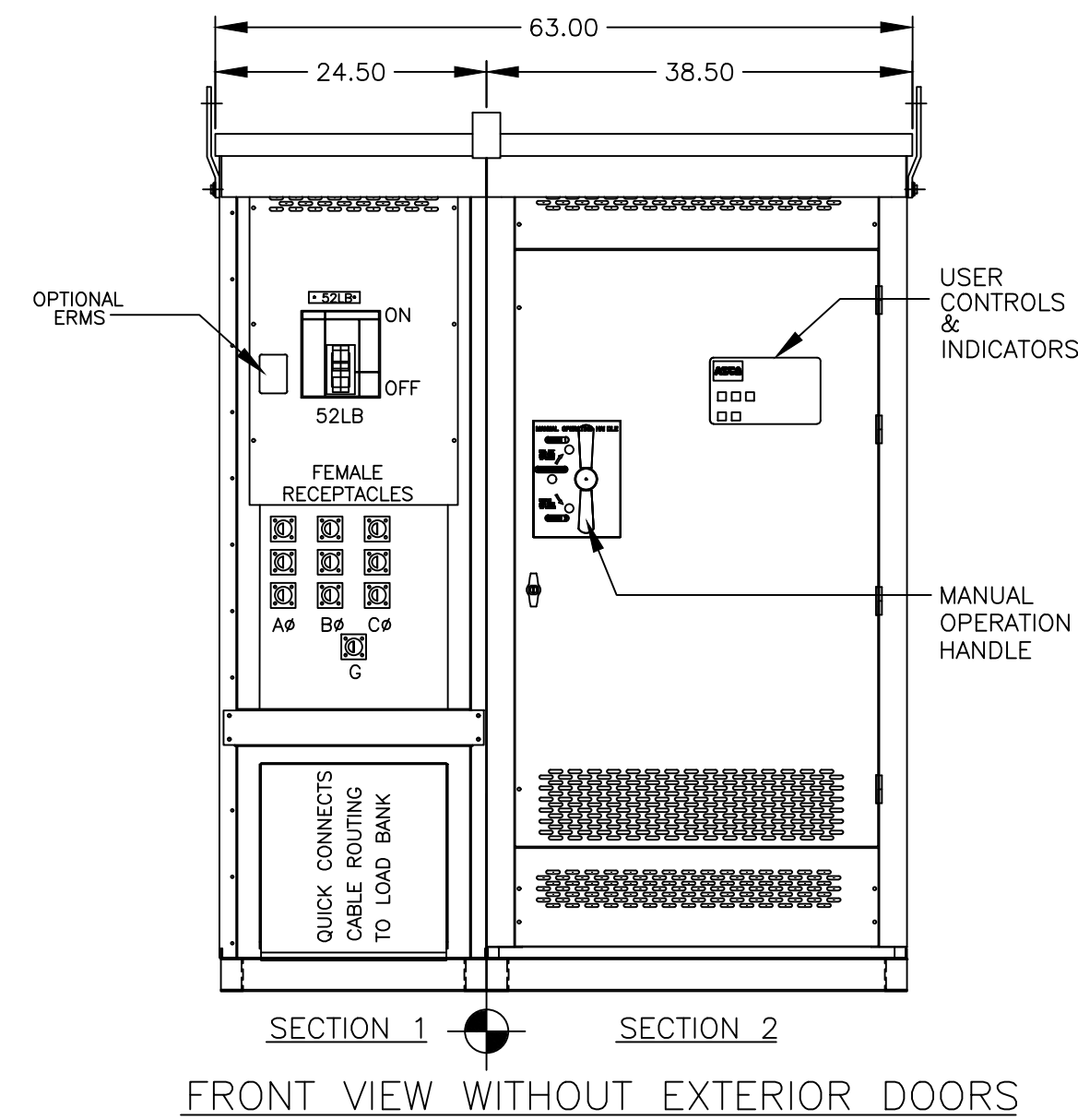
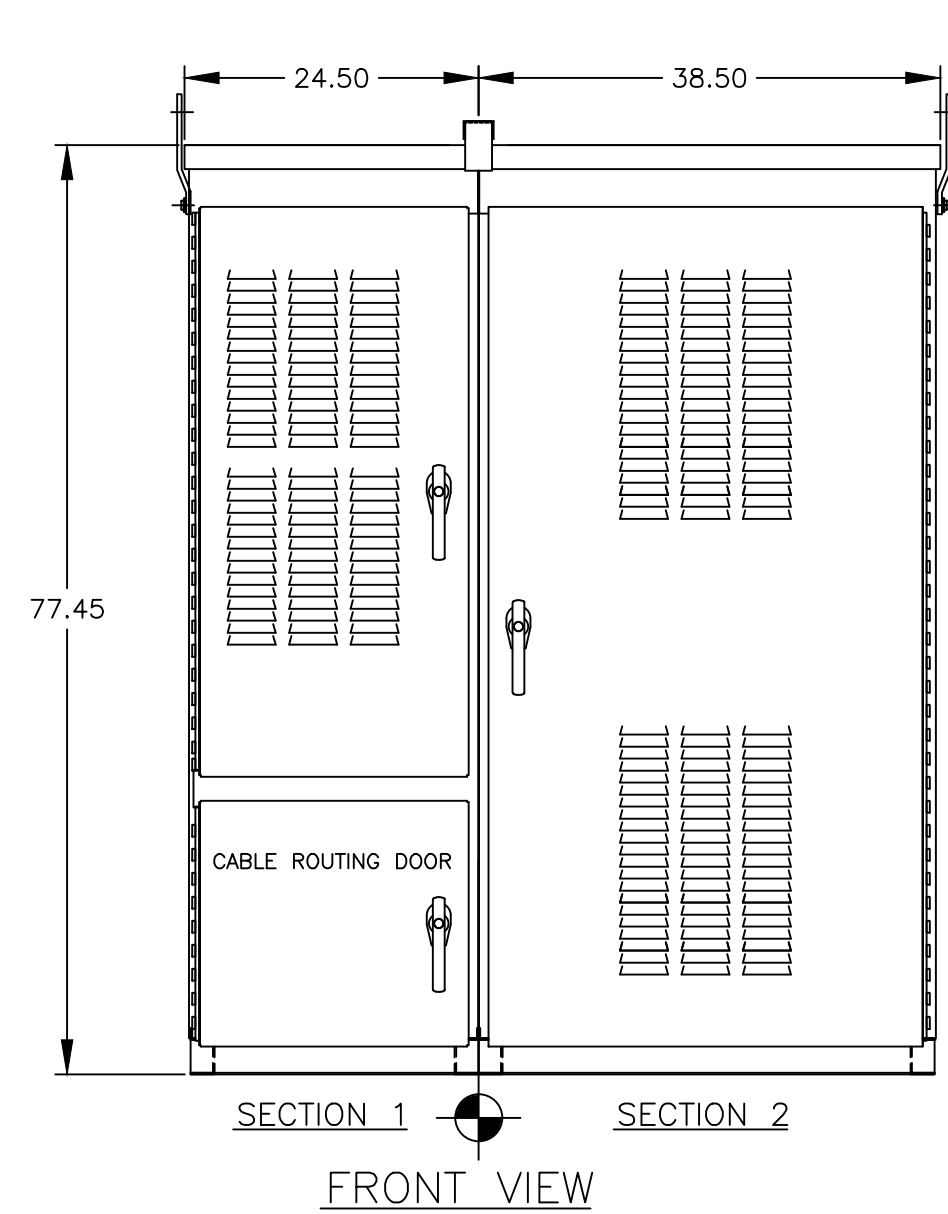
- H FRAME MANUAL TRANSFER SWITCH 600A - 1200A.
- TRANSFER SWITCH RATING: 600 AMPS, 800 AMPS, 1000 AMPS, 1200 AMPS.
SHORT CIRCUIT RATING WHEN PROTECTED BY A CIRCUIT BREAKER
TIME RESPONSE, MAXIMUM 0.05 SECONDS: 50,000 RMS SYM @ 480V.
- A FULL RATED NEUTRAL CONNECTION FOR EACH SOURCE AND THE LOAD IS OPTIONAL.
WHEN PROVIDED IT IS IN ONE OF THE FOLLOWING FORMATS.
A. SOLID NEUTRAL
B. SWITCHED NEUTRAL POLE
- SOURCE 2 (600A - 800A): (2) SERIES 16 SINGLE POLE MALE RECEPTACLES PER PHASE & NEUTRAL
SOURCE 2 (600A - 800A): (1) SERIES 16 SINGLE POLE MALE RECEPTACLES ON GROUND
SOURCE 2 (1000A - 1200A): (3) SERIES 16 SINGLE POLE MALE RECEPTACLES PER PHASE & NEUTRAL
SOURCE 2 (1000A - 1200A): (1) SERIES 16 SINGLE POLE MALE RECEPTACLES ON GROUND
- UL 1008

TERMINATIONS 600A

- SUPPLIED WITH MECHANICAL (SCREW TYPE) LUGS.
LOAD: (2) 1/0 - 600MCM PER PHASE & NEUTRAL & GROUND
SOURCE 1: (2) 1/0 - 600MCM PER PHASE & NEUTRAL & GROUND
A. SUITABLE WIRE BENDING SPACE IS PROVIDED AS PER THE NEC
- OPTIONAL LUGS MAY BE SUPPLIED.
- SUPPLIED WITH SERIES 16 SINGLE POLE FEMALE RECEPTACLES.
LOAD BANK : (2) PER PHASE
LOAD BANK : (1) ON GROUND

TERMINATIONS 1000A - 1200A

- SUPPLIED WITH MECHANICAL (SCREW TYPE) LUGS.
LOAD: (4) 1/0 AWG - 600MCM PER PHASE & NEUTRAL & GROUND
SOURCE 1: (4) 1/0 AWG - 600MCM PER PHASE & NEUTRAL & GROUND
A. SUITABLE WIRE BENDING SPACE IS PROVIDED AS PER THE NEC
- OPTIONAL LUGS MAY BE SUPPLIED.
- SUPPLIED WITH SERIES 16 SINGLE POLE FEMALE RECEPTACLES.
LOAD BANK : (3) PER PHASE
LOAD BANK : (1) ON GROUND



REV. TO SHEET	REV. TO SHEET	ECN NO.	BY	APP.	DATE
E	293517	RP	RN		01-07-22
D	291031	US	RN		08/27/21
C	290179	SV	RN		07-01-21
B	289393	SV	RN		05-05-21
A	288908	LY	RN		4/1/21
-	283826	RP	RN		03-20-20
NEW ISSUE					
PROJECT NAME:					
OUTLINE			MOUNTING		
HMTDQ 600A - 1200A, PJF AND CAM-LOK ON LB & CAM-LOK ON S2					
TYPE 3R/3RX 77.5 X 63 X 56, 2 SECTIONS					
DRAWN BY	BY	DATE	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-055	ASSEM. REF. NO.	COMPUTER GENERATED DRAWING
CHECKED	RP	03-17-20			SCALE 1/16" = 1" SIZE DS
PROJECT APPROVAL	RN		PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.		DWG. NO. 1380002-001
FINAL APPROVAL			ASCO ASCO POWER TECHNOLOGIES, LP. FLORHAM PARK, NEW JERSEY 07932 U.S.A.		DRAWING E ECN NO. 293517 SHEET 1 OF 1