

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. INSPECT 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 & 52S2

- 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 INSTANTENOUS 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 1016 SERIES SINGLE POLE FEMALE RECEPTACLES.
LOAD BANK : (2) PER PHASE
LOAD BANK : (1) ON GROUND
- SUPPLIED WITH 1016 SERIES SINGLE POLE MALE RECEPTACLES.
SOURCE 2: (2) PER PHASE & NEUTRAL
SOURCE 2: (1) ON GROUND

TRANSFER SWITCH

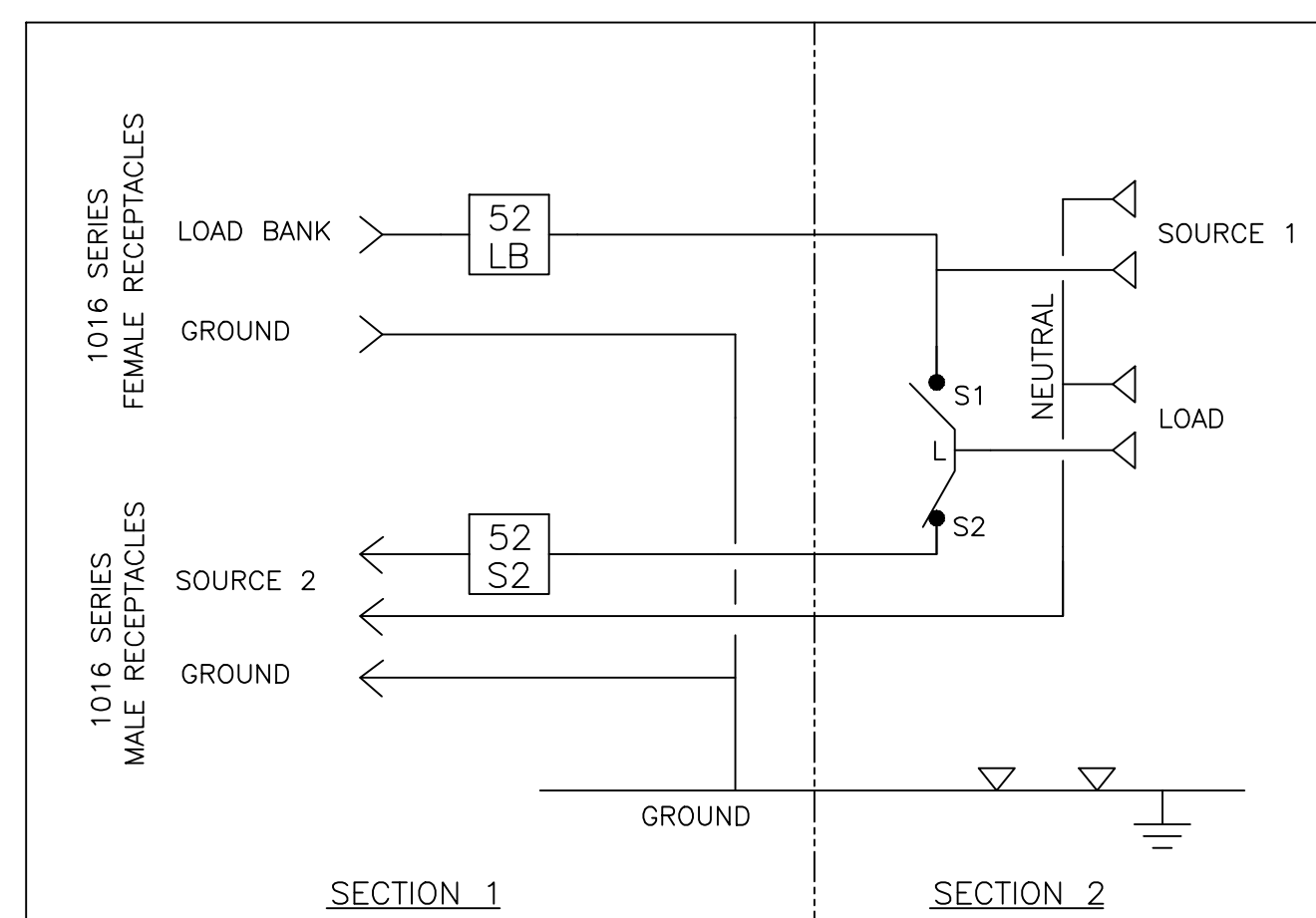
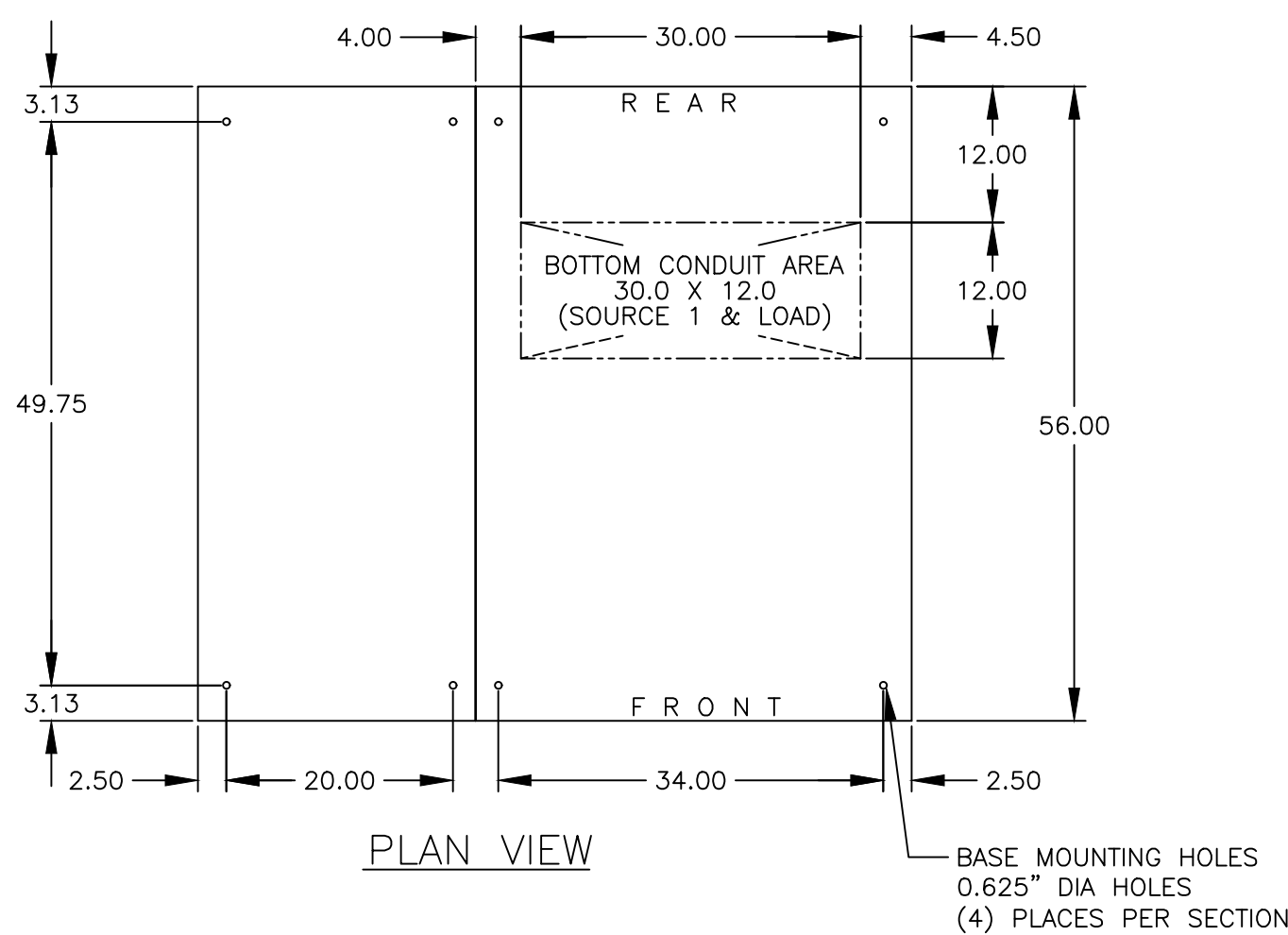
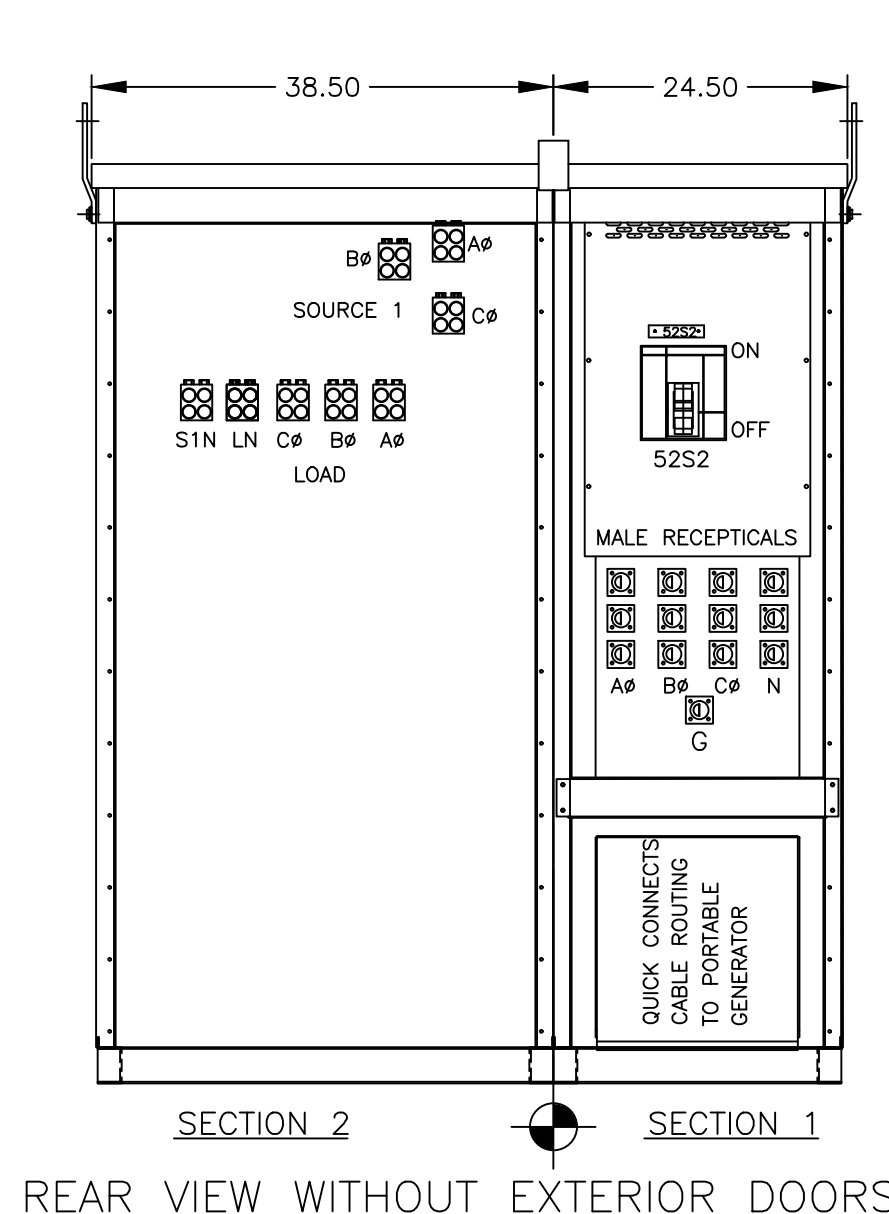
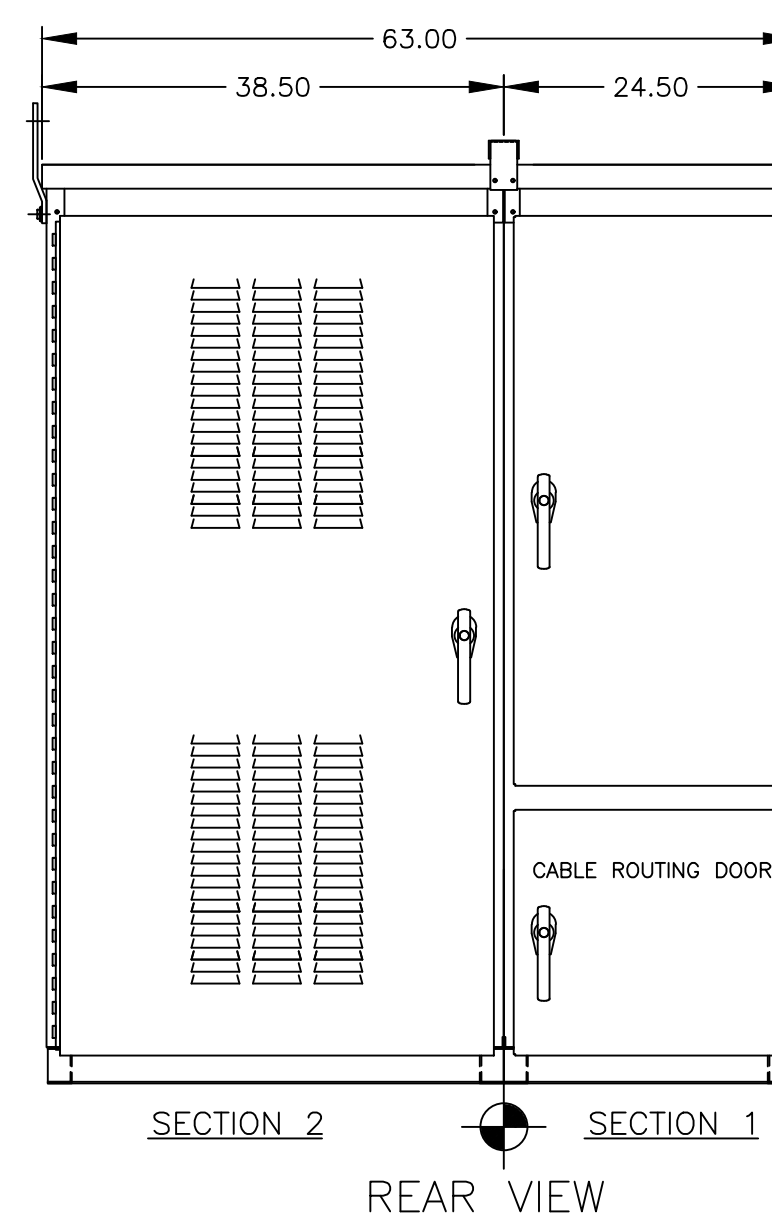
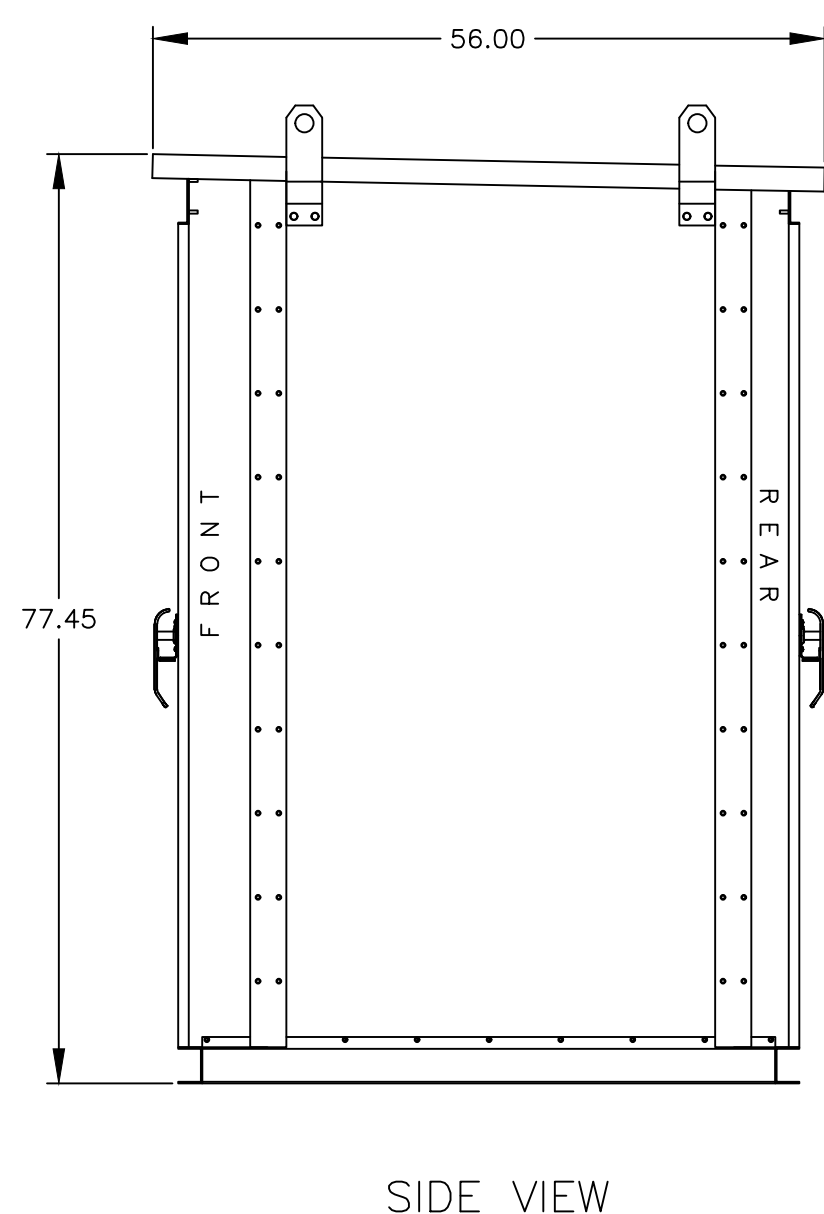
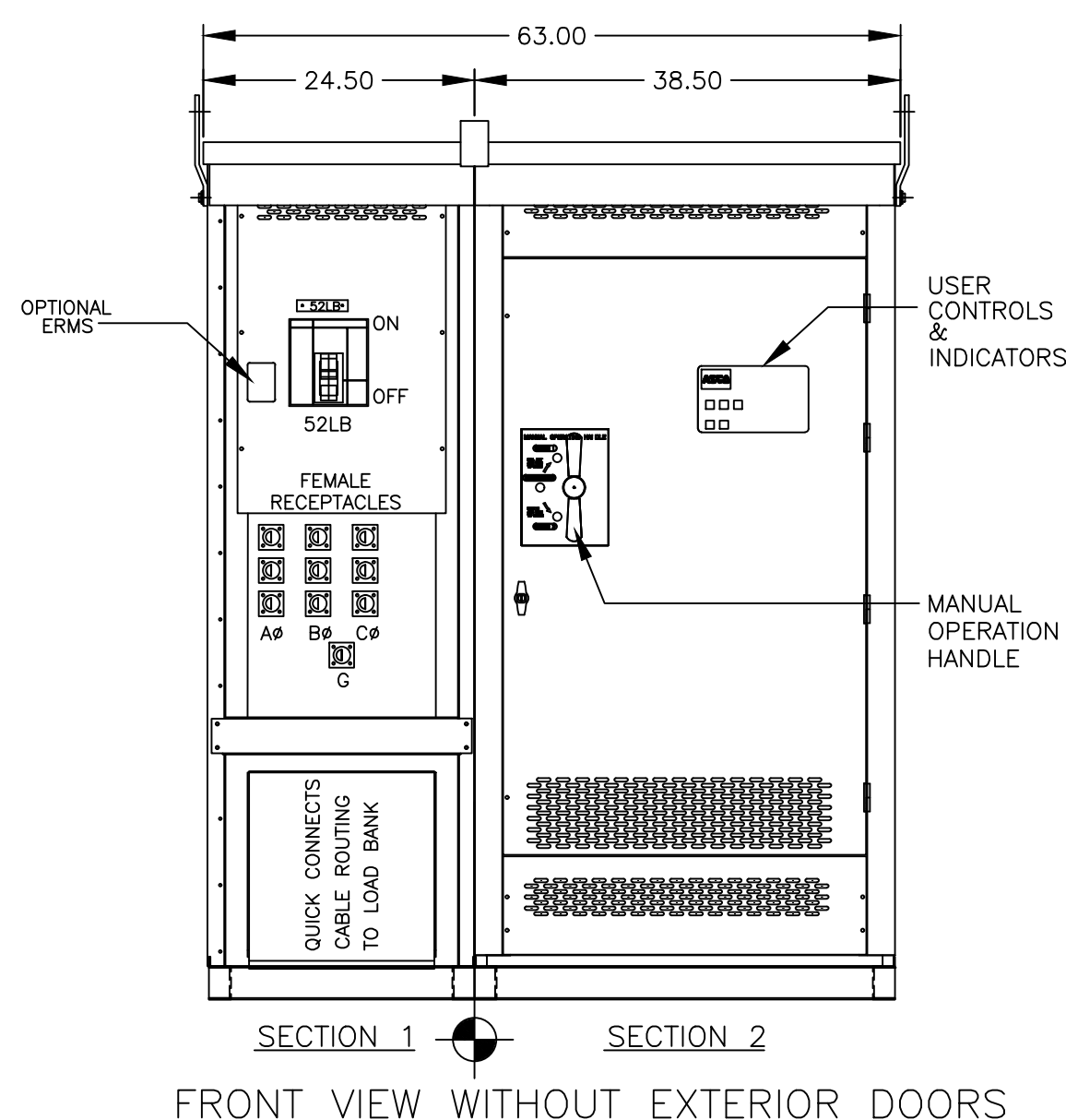
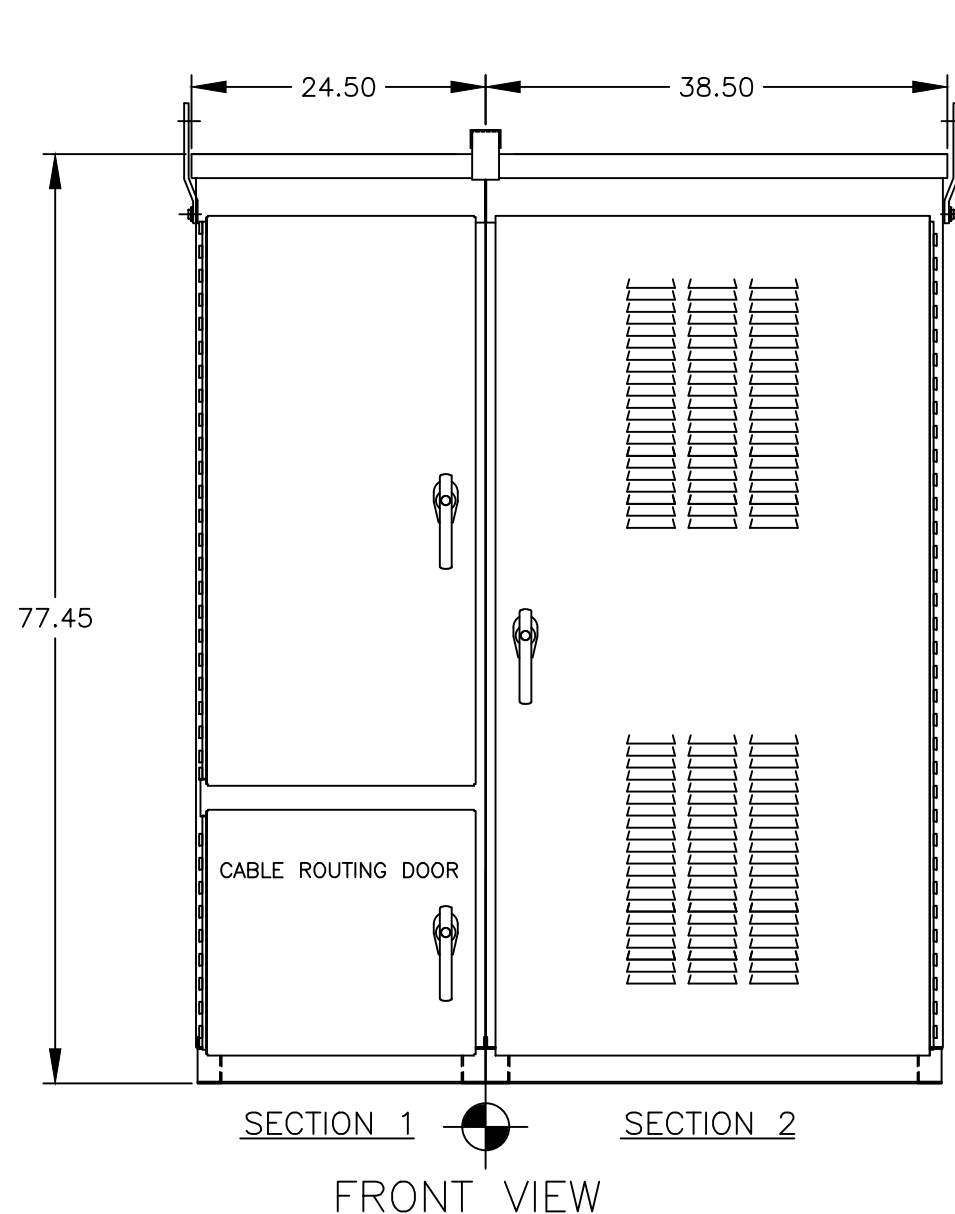
- H FRAME MANUAL TRANSFER SWITCH 600A - 1200A.
- TRANSFER SWITCH RATING: 600 AMPS, 800 AMPS, 1000 AMPS, 1200 AMPS.
SHORT CIRCUIT RATING WHEN PROTECTED BY A CIRCUIT BREAKER
TIME RESPONSE, MAXIMUM 0.05 SECONDS: 50,000 RMS SYM @ 480V.
- A FULL RATED NEUTRAL CONNECTION FOR EACH SOURCE AND THE LOAD IS OPTIONAL.
WHEN PROVIDED IT IS IN ONE OF THE FOLLOWING FORMATS.
A. SOLID NEUTRAL
B. SWITCHED NEUTRAL POLE
- 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 1016 SERIES SINGLE POLE FEMALE RECEPTACLES.
LOAD BANK : (2) PER PHASE
LOAD BANK : (1) ON GROUND
- SUPPLIED WITH 1016 SERIES SINGLE POLE MALE RECEPTACLES.
SOURCE 2: (2) PER PHASE & NEUTRAL
SOURCE 2: (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 1016 SERIES SINGLE POLE FEMALE RECEPTACLES.
LOAD BANK : (3) PER PHASE
LOAD BANK : (1) ON GROUND
- SUPPLIED WITH 1016 SERIES SINGLE POLE MALE RECEPTACLES.
SOURCE 2: (3) PER PHASE & NEUTRAL
SOURCE 2: (1) ON GROUND



ONLINE DIAGRAM

PROJECT NAME:		REV. TO SHEET		BY	APP.	DATE
OUTLINE		MOUNTING				
HMGDQ 600A - 1200A, PJF AND CAM-LOK ON LB & S2						
TYPE 3R/3RX 77.5 X 63 X 56, 2 SECTIONS						
DRAWN BY	SV	DATE	02-21-20	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	RN			PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.		SCALE 1/16" = 1" SIZE DS
PROJECT APPROVAL						DWG. NO. 1410002-001
FINAL APPROVAL						DRAWING REV. C ECN NO. 291031 SHEET 1 OF 1

ASCO ASCO POWER TECHNOLOGIES, LP.
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