

D

C

B

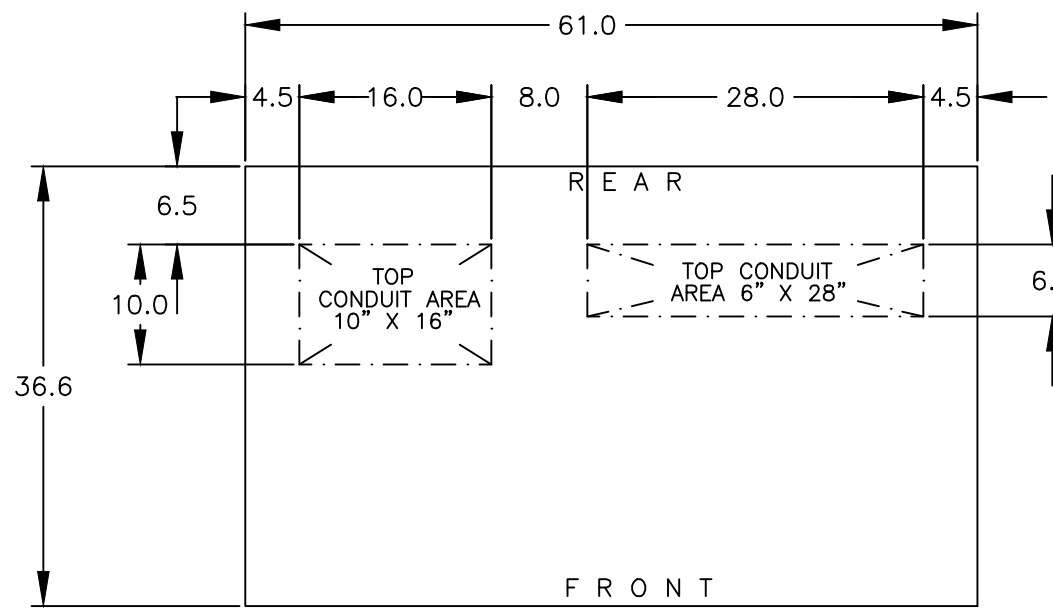
A

D

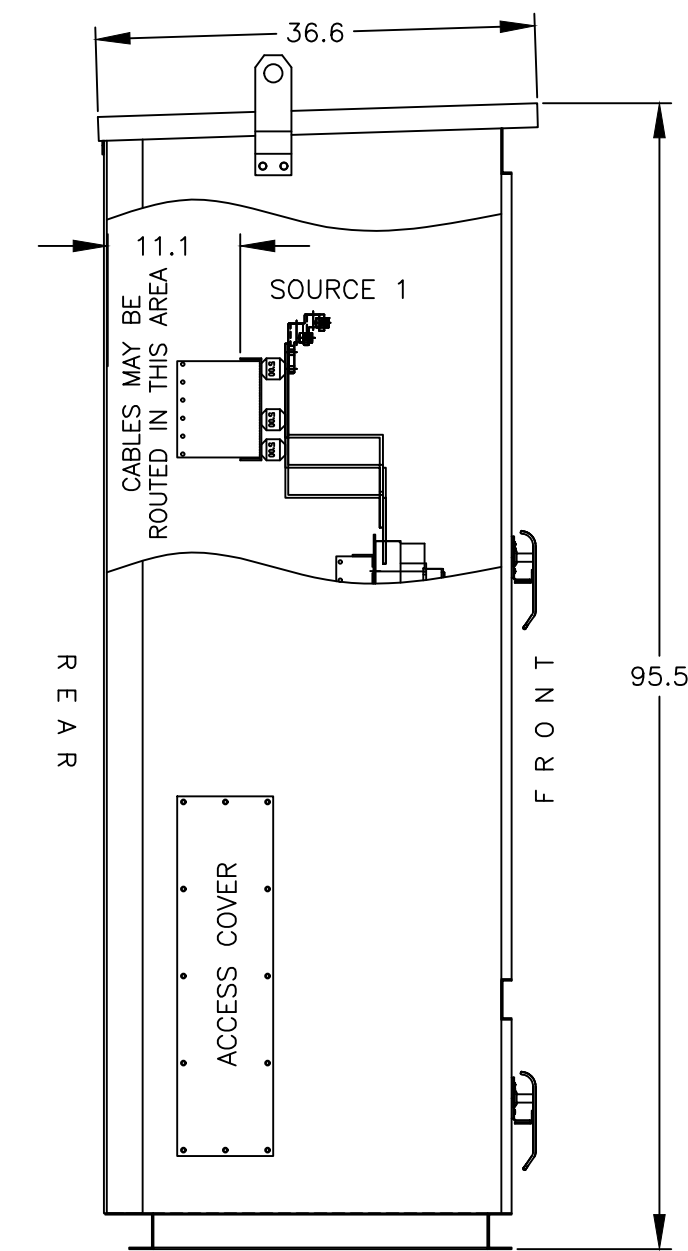
C

B

A

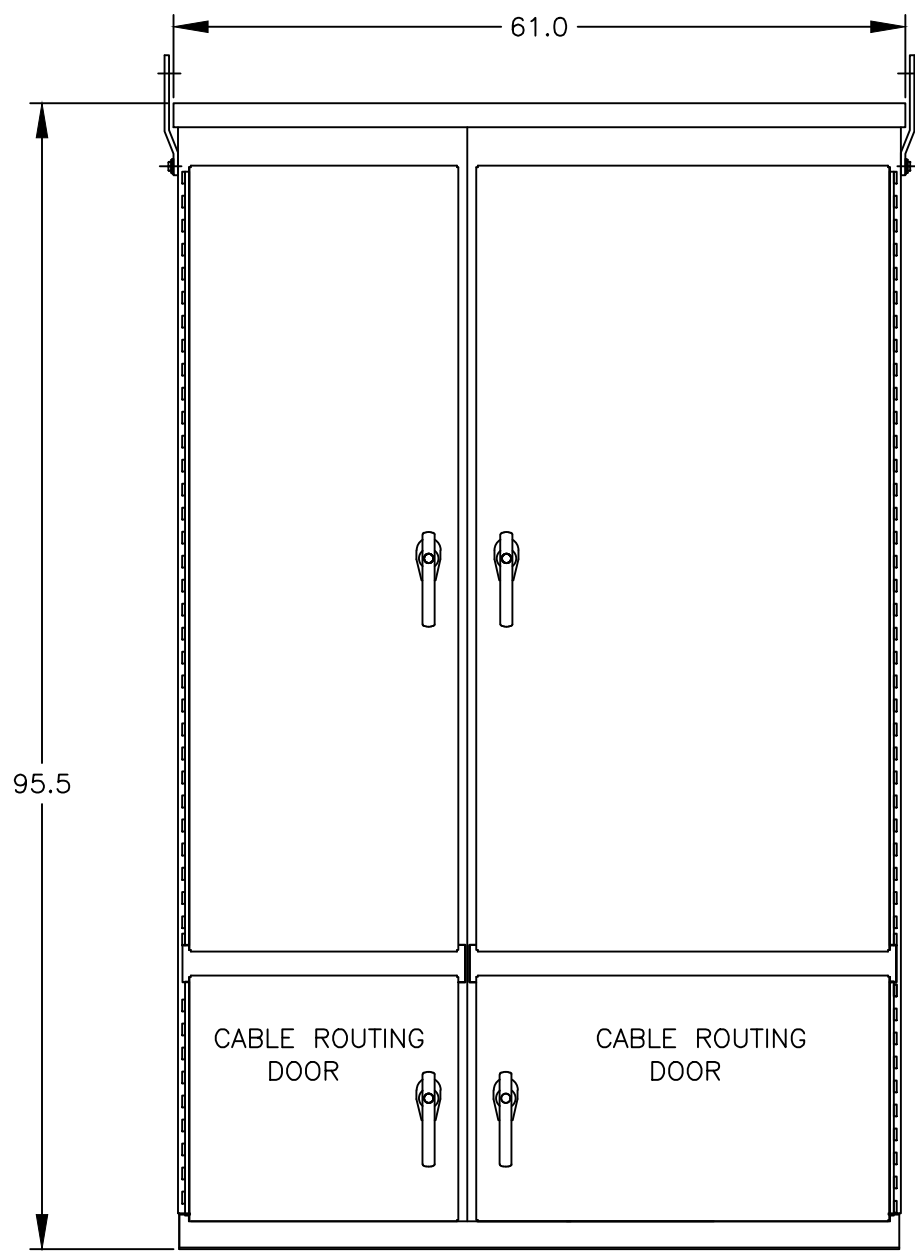


TOP VIEW



SECTION 1

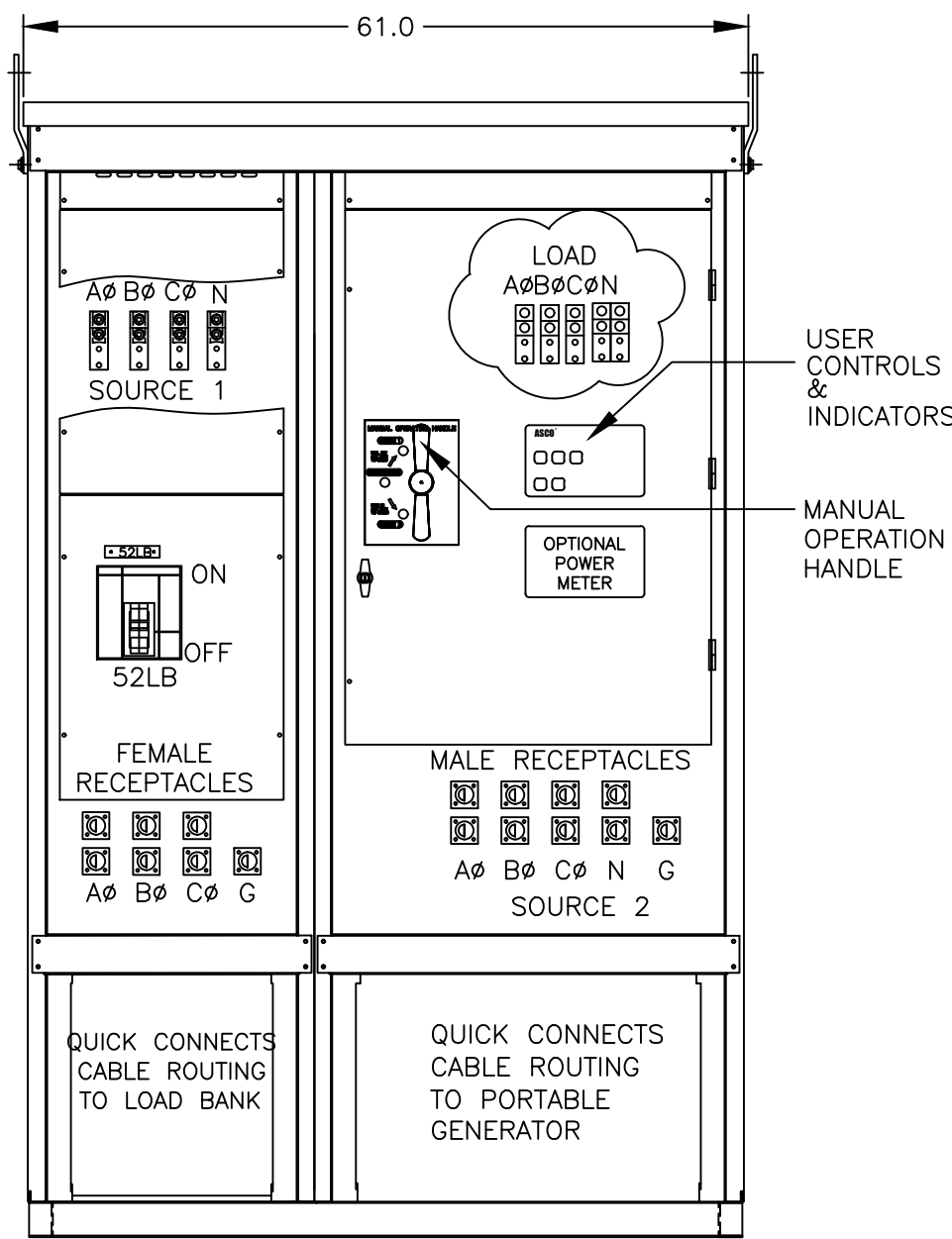
LEFT SIDE VIEW



SECTION 1

SECTION 2

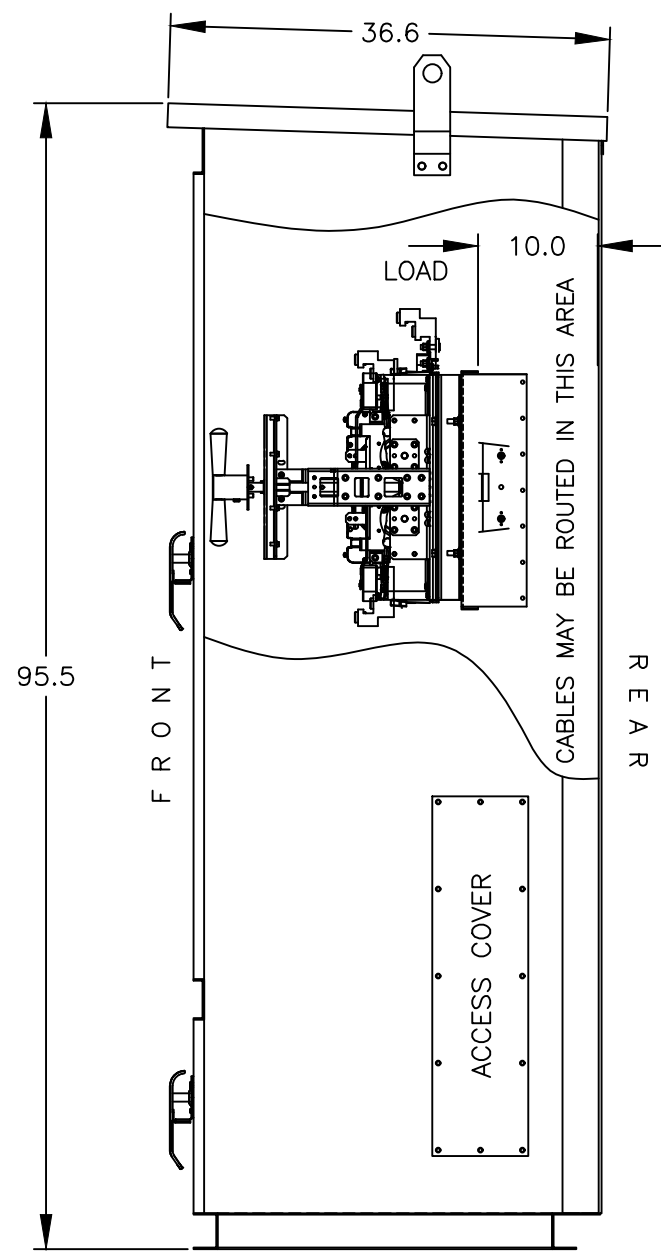
FRONT VIEW



SECTION 1

SECTION 2

FRONT VIEW WITHOUT EXTERIOR DOORS



SECTION 2

RIGHT SIDE VIEW

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.
- RECOMMENDED CLEARANCES: FRONT: 36", REAR: NONE.
- 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.
- SECTION 1 & SECTION 2 SHIP AS 1 UNIT (NO SHIPPING SPLIT).

SYSTEM NOTES

- SYSTEM RATING: 600 AMPS.
SHORT CIRCUIT RATING : SOURCE 1: 42,000 RMS SYM @ 480V.
SOURCE 2: 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

TRANSFER SWITCH

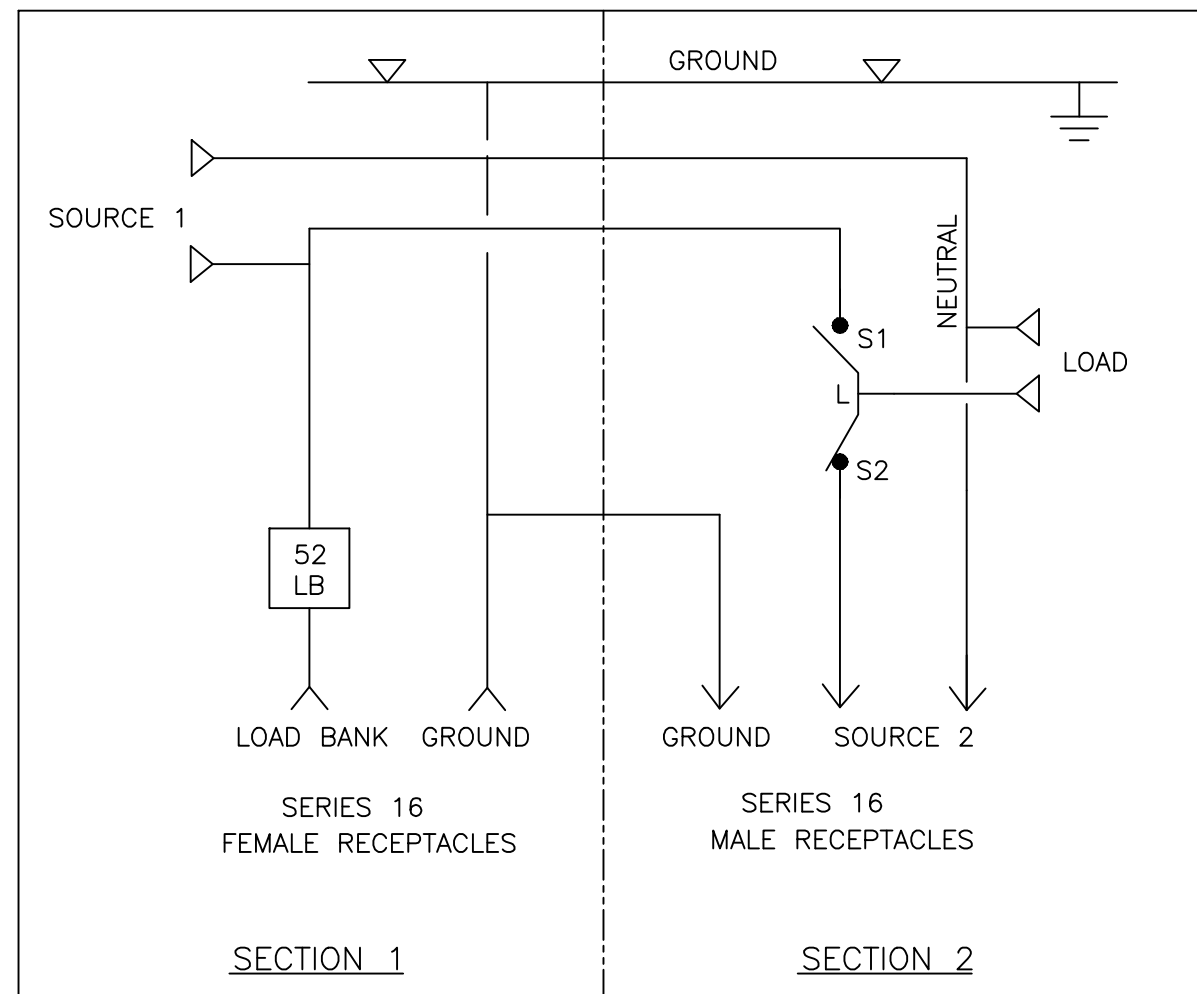
- J FRAME MANUAL TRANSFER SWITCH
- TRANSFER SWITCH RATING: 600 AMPS.
SHORT CIRCUIT RATING WHEN PROTECTED BY A CIRCUIT BREAKER
TIME RESPONSE, MAXIMUM 0.05 SECONDS:
SOURCE 1: 42,000 RMS SYM AMPERES @ 480V
SPECIFIC BREAKER RATING: 50,000 RMS SYM @ 480V.
SOURCE 2: 22,000 RMS SYM AMPERES @ 480V
- A FULL RATED 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: (2) SERIES 16 SINGLE POLE MALE RECEPTACLES PER PHASE & NEUTRAL
SOURCE 2: (1) SERIES 16 SINGLE POLE MALE RECEPTACLES ON GROUND
- UL 1008

CIRCUIT BREAKER: ITEM 52LB

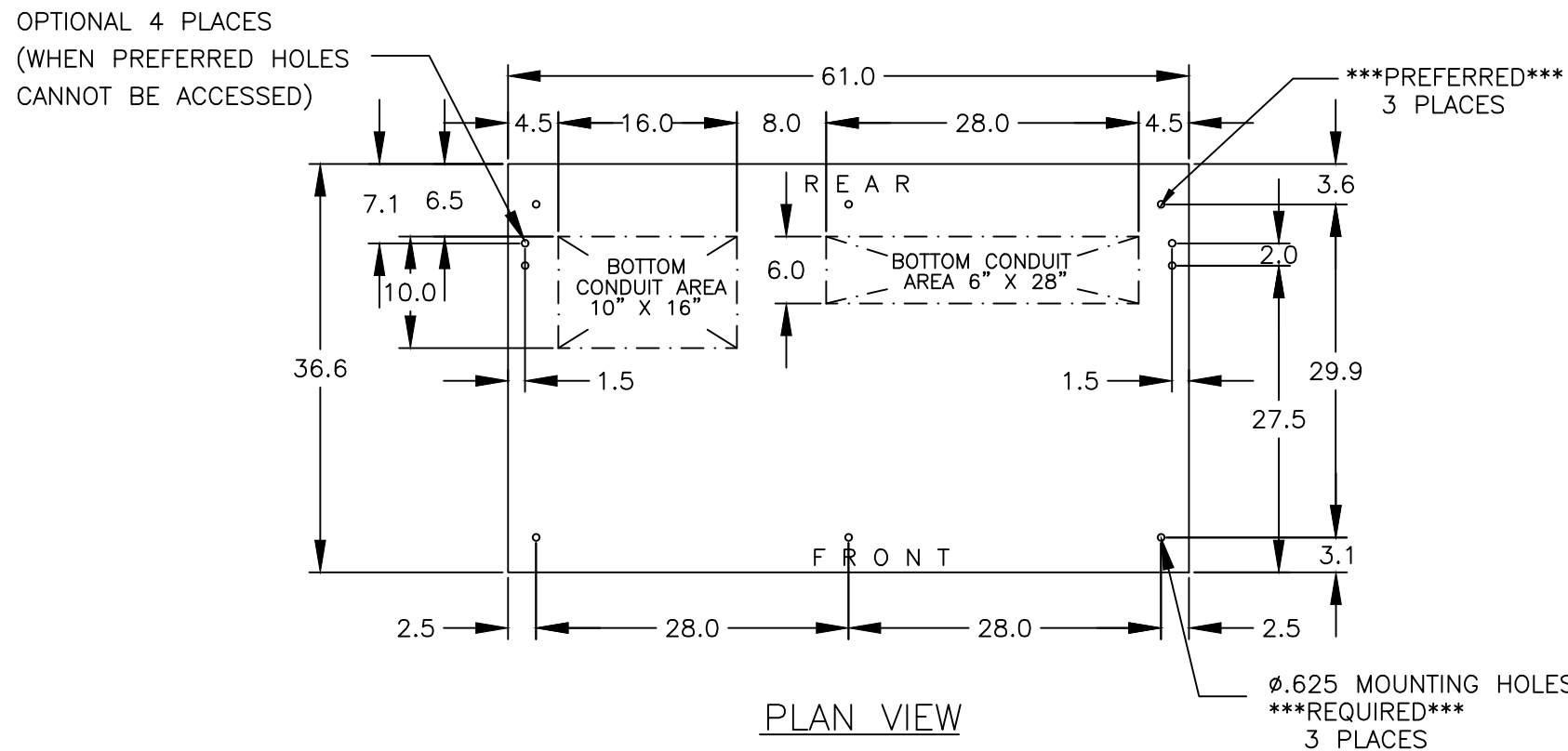
- SQUARE "D" 80% RATED TYPE 'PJF' MOLDED CASE CIRCUIT BREAKER 1200AF/600AT.
ELECTRONIC TRIP UNIT WITH LONG DELAY AND INSTANTENOUS TRIP SETTINGS.
SHORT CIRCUIT RATING: AIC 65,000 RMS SYM @ 480V.
- OPTIONAL 100% RATED BREAKER MAY BE SUPPLIED.
- OPTIONAL ____VAC SHUNT TRIP MAY BE SUPPLIED.
- U.L. 489

TERMINATIONS

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



ONLINE DIAGRAM



PLAN VIEW

PROJECT NAME:		REV. TO SHEET	ECN NO.	BY	APP.	DATE
OUTLINE		MOUNTING				
JMTDQ 600A, PJF AND CAM-LOK ON LB & CAM-LOK ON S2		TYPE 3R/3RX 95.5 X 61 X 37, 2 SECTIONS				
DRAWN BY		SV	03-01-21	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-I-003. FOR PLASTIC PARTS SEE MP-I-055		ASSEM. REF. NO.
CHECKED		RN		PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.		
PROJECT APPROVAL				COMPUTER GENERATED DRAWING		SCALE 1/16" = 1" SIZE DS
FINAL APPROVAL				DWG. NO. 1380001-001		DRAWING REV. C
				ASCO® ASCO POWER TECHNOLOGIES, L.P. FLORHAM PARK, NEW JERSEY 07932 U.S.A.		ECN NO. 294772
						SHEET 1 OF 1