

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: 36" REAR: 36"
- EXTERIOR 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: 1600 AMPS, 2000 AMPS, 2500 AMPS, 3000 AMPS.
SHORT CIRCUIT RATING : SOURCE 1 1600A - 2000A : 65,000 RMS SYM @ 480V.
SOURCE 2 1600A - 2000A : 65,000 RMS SYM @ 480V.
SHORT CIRCUIT RATING : SOURCE 1 2500A - 3000A : 100,000 RMS SYM @ 480V.
SOURCE 2 2500A - 3000A : 100,000 RMS SYM @ 480V.
- ALL BUS IS SILVER-PLATED COPPER, BASED ON
1600A-2500A: 1000A PER SQ. IN.
3000A: 800A PER SQ. IN.
- GROUND: 25% RATED.
- NEUTRAL: 100% RATED.
- APPLICABLE LABEL(S): U.L. 891

TRANSFER SWITCH

- G FRAME MANUAL TRANSFER SWITCH 1600A - 3000A.
- TRANSFER SWITCH RATING: 1600 AMPS, 2000 AMPS, 2500 AMPS, 3000 AMPS.
SHORT CIRCUIT RATING WHEN PROTECTED BY A CIRCUIT BREAKER
TIME RESPONSE, MAXIMUM 0.05 SECONDS: 100,000 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

CIRCUIT BREAKER: ITEM 52LB & 52S2

- SQUARE "D" 100% RATED TYPE 'NW', 1600AF/1600AT, 2000AF/2000AT, 2500AF/2500AT, 3000AF/3000AT, STATIONARY MOUNTED, MANUALLY OPERATED, WITH LONG DELAY, SHORT DELAY AND INSTANTANEOUS TRIP SETTINGS.
SHORT CIRCUIT RATING 1600A - 2000A : 65,000 RMS SYM @ 480V.
SHORT CIRCUIT RATING 2500A - 3000A : 100,000 RMS SYM @ 480V.
- OPTIONAL ___VAC SHUNT TRIP MAY BE SUPPLIED.
- OPTIONAL ERMS SWITCH MAY BE SUPPLIED.
- U.L. 489

TERMINATIONS 1600A

- SUPPLIED WITH MECHANICAL (SCREW TYPE) LUGS.
LOAD: (6) 1/0 AWG - 600MCM PER PHASE & NEUTRAL & GROUND
SOURCE 1: (6) 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 : (4) PER PHASE
LOAD BANK : (1) ON GROUND
- SUPPLIED WITH SERIES 16 SINGLE POLE MALE RECEPTACLES.
SOURCE 2: (4) PER PHASE & NEUTRAL
SOURCE 2: (1) ON GROUND

TERMINATIONS 2000A

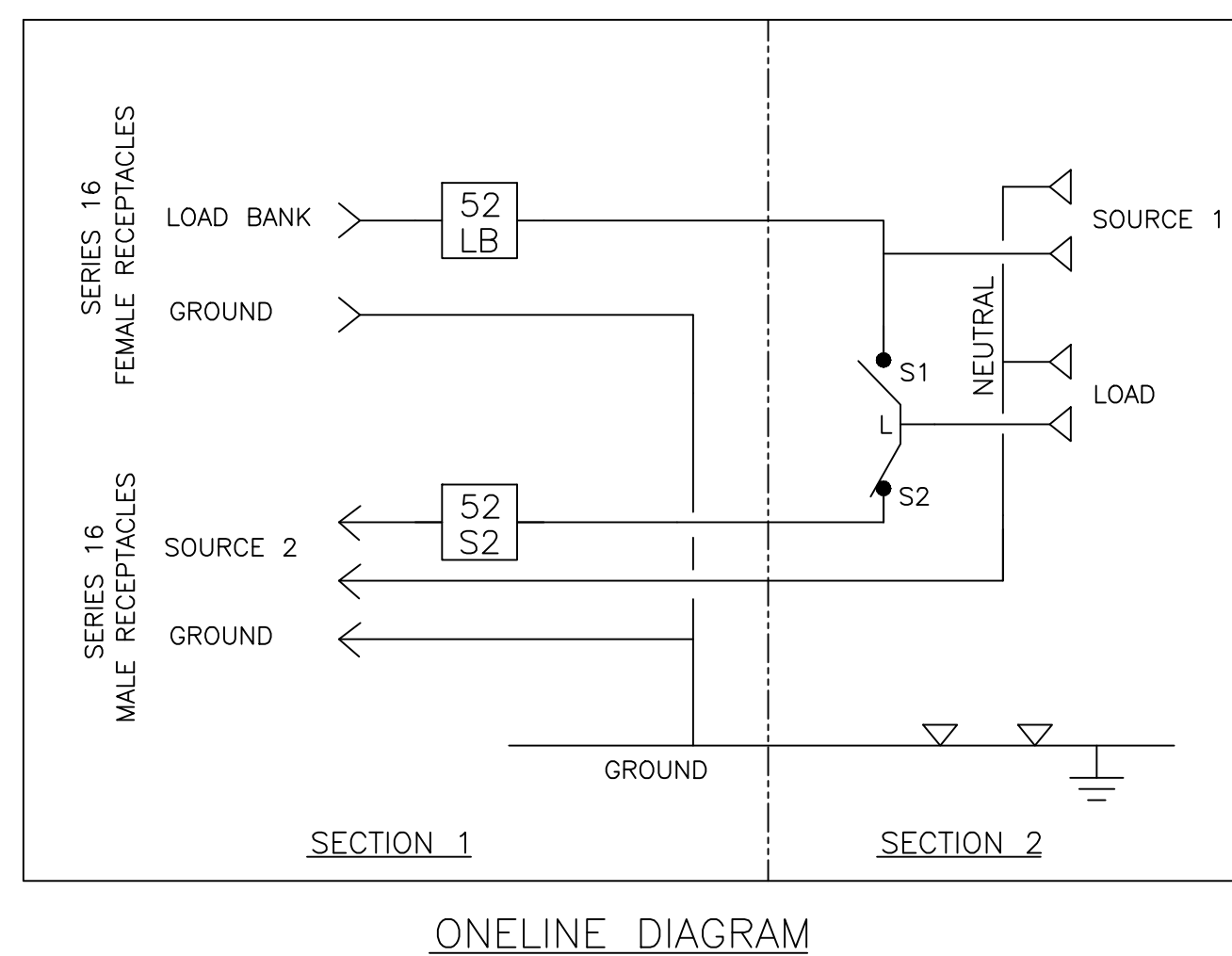
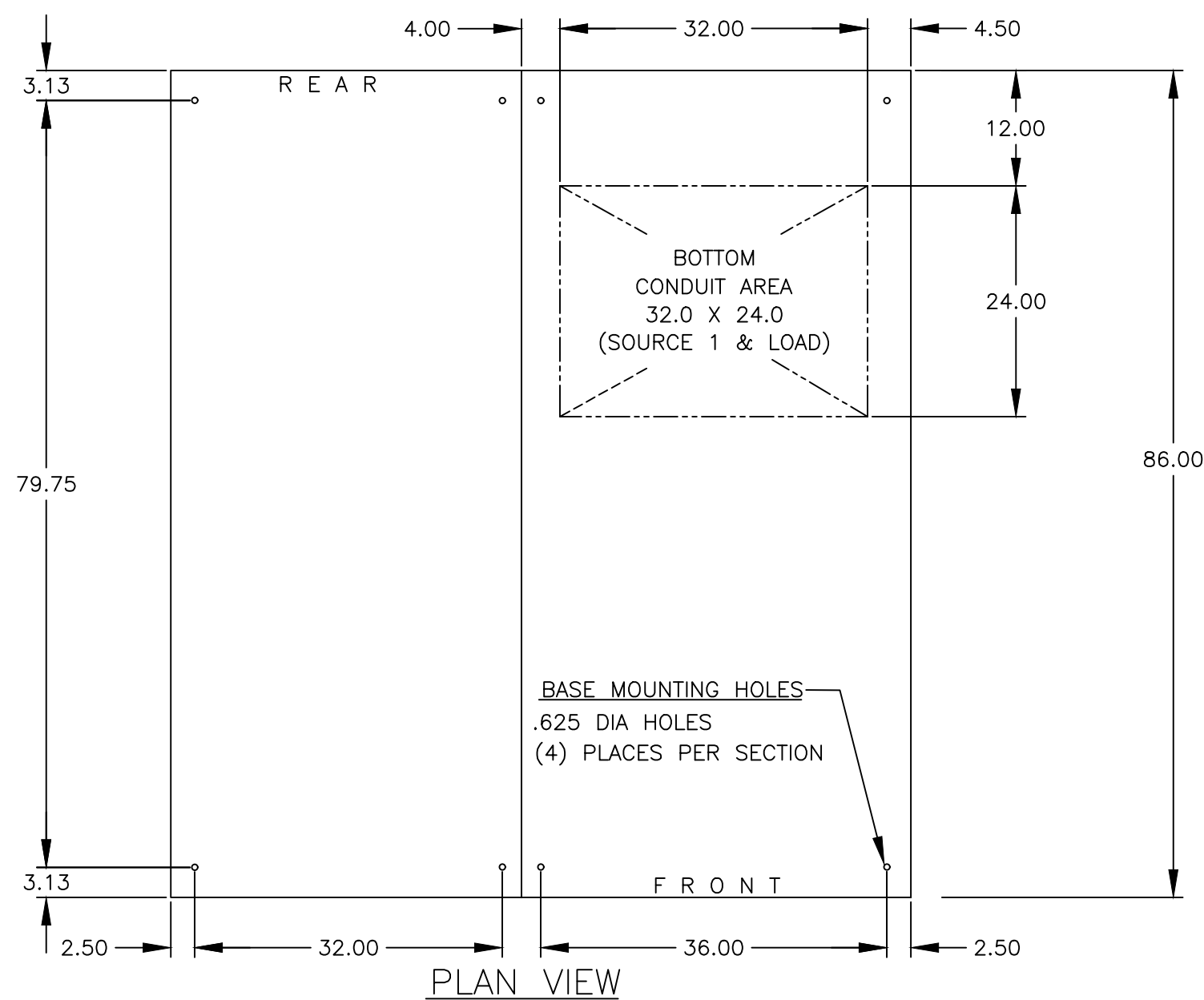
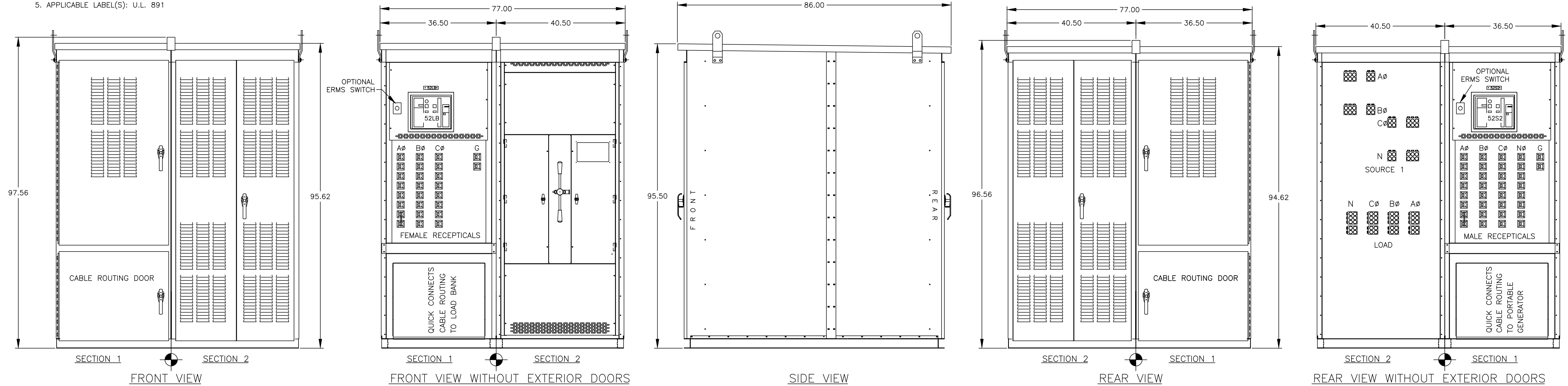
- SUPPLIED WITH MECHANICAL (SCREW TYPE) LUGS.
LOAD: (6) 1/0 AWG - 600MCM PER PHASE & NEUTRAL & GROUND
SOURCE 1: (6) 1/0 AWG - 600MCM PER PHASE & NEUTRAL & GROUND
A. SUITABLE WIRE BENDING SPACE IS PROVIDED AS PER THE NEC
- OPTIONAL LUGS MAY BE SUPPLIED.
- SUPPLIED WITH SERIES 16 SINGLE POLE FEMALE RECEPTACLES.
LOAD BANK : (5) PER PHASE
LOAD BANK : (2) ON GROUND
- SUPPLIED WITH SERIES 16 SINGLE POLE MALE RECEPTACLES.
SOURCE 2: (5) PER PHASE & NEUTRAL
SOURCE 2: (2) ON GROUND

TERMINATIONS 2500A

- SUPPLIED WITH MECHANICAL (SCREW TYPE) LUGS.
LOAD: (10) 1/0 AWG - 600MCM PER PHASE & NEUTRAL & GROUND
SOURCE 1: (10) 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 : (7) PER PHASE
LOAD BANK : (2) ON GROUND
- SUPPLIED WITH SERIES 16 SINGLE POLE MALE RECEPTACLES.
SOURCE 2: (7) PER PHASE & NEUTRAL
SOURCE 2: (2) ON GROUND

TERMINATIONS 3000A

- SUPPLIED WITH MECHANICAL (SCREW TYPE) LUGS.
LOAD: (10) 1/0 AWG - 600MCM PER PHASE & NEUTRAL & GROUND
SOURCE 1: (10) 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 : (8) PER PHASE
LOAD BANK : (2) ON GROUND
- SUPPLIED WITH SERIES 16 SINGLE POLE MALE RECEPTACLES.
SOURCE 2: (8) PER PHASE & NEUTRAL
SOURCE 2: (2) ON GROUND



PROJECT NAME:		MOUNTING	
GMGDQ 1600A - 3000A, NW AND CAM-LOK ON LB & S2			
TYPE 3R/3RX 96 X 77 X 86, 2 SECTIONS			
BY	DATE	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-055	ASSEM. REF. NO.
SV	11-22-19		
CHECKED	RN	PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.	COMPUTER GENERATED DRAWING
PROJECT APPROVAL			SCALE 1/16" = 1" SIZE DS
FINAL APPROVAL			DWG. NO. 1410004-001
			DRAWING C ECN NO. 295508 SHEET 1 OF 1