

D

C

B

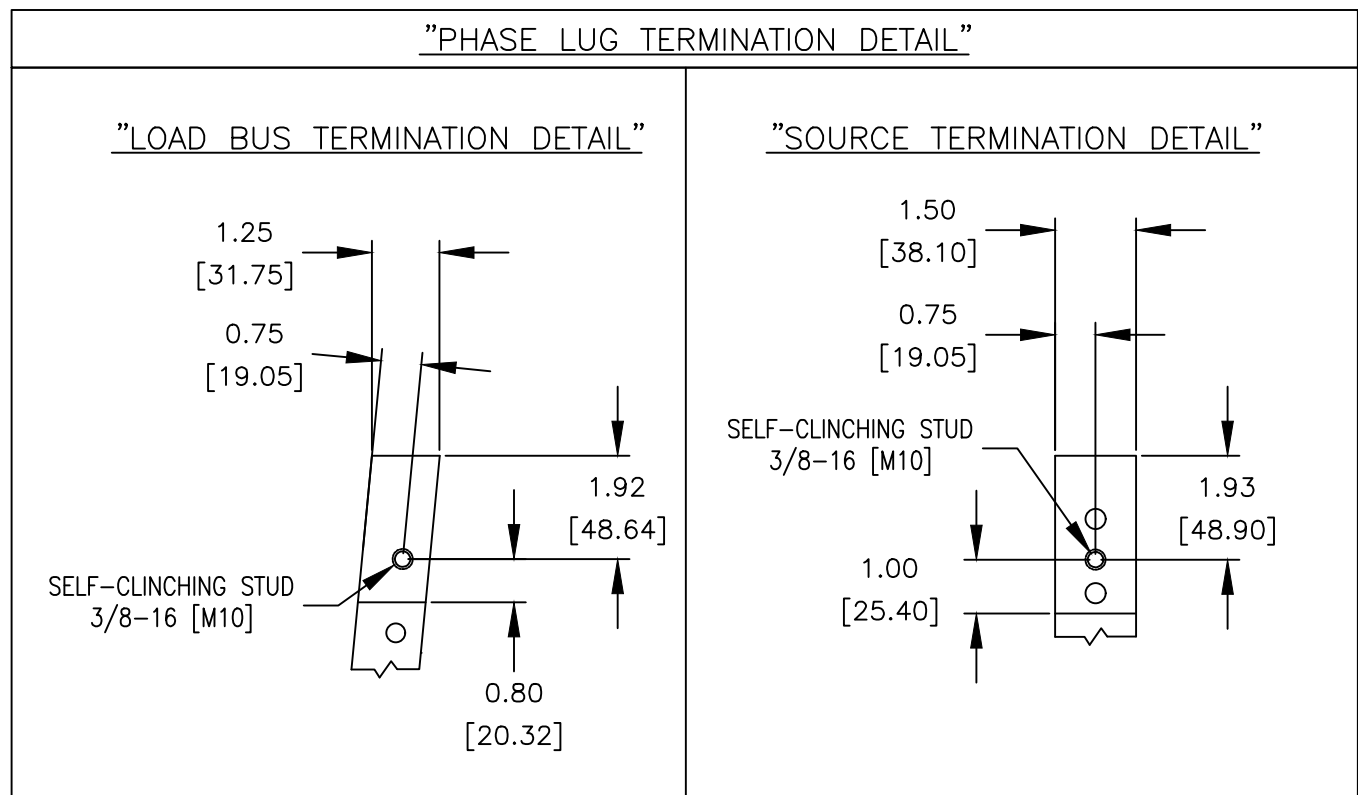
A

D

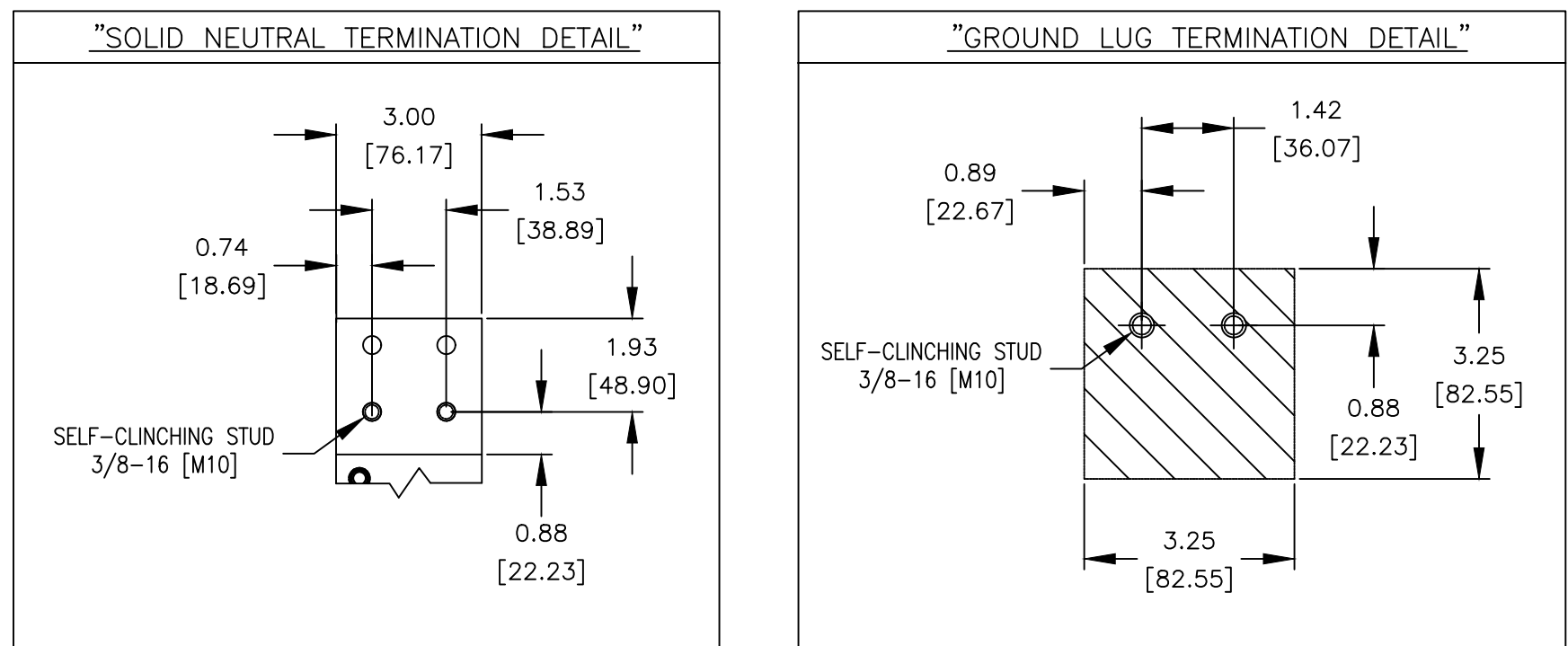
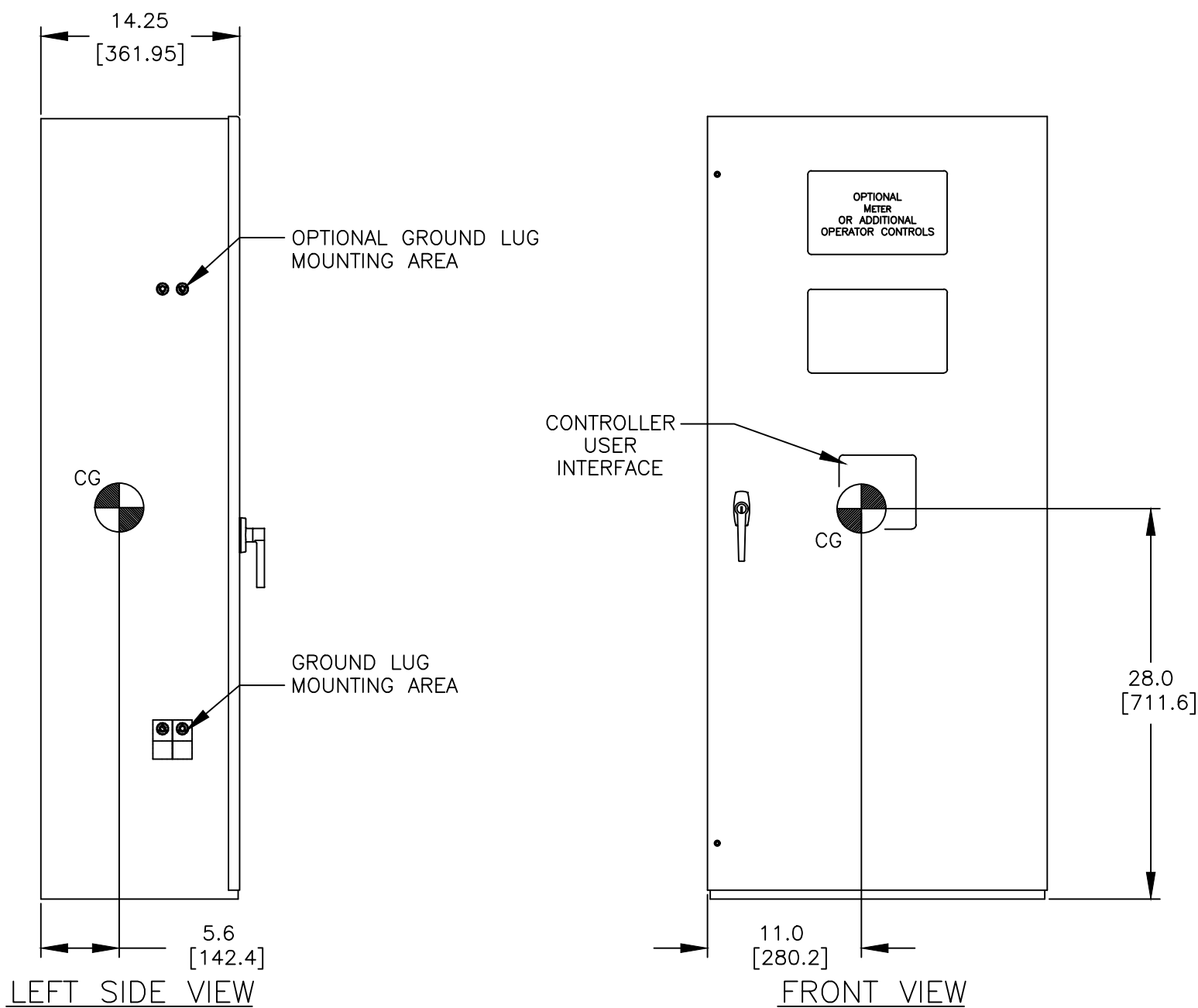
C

B

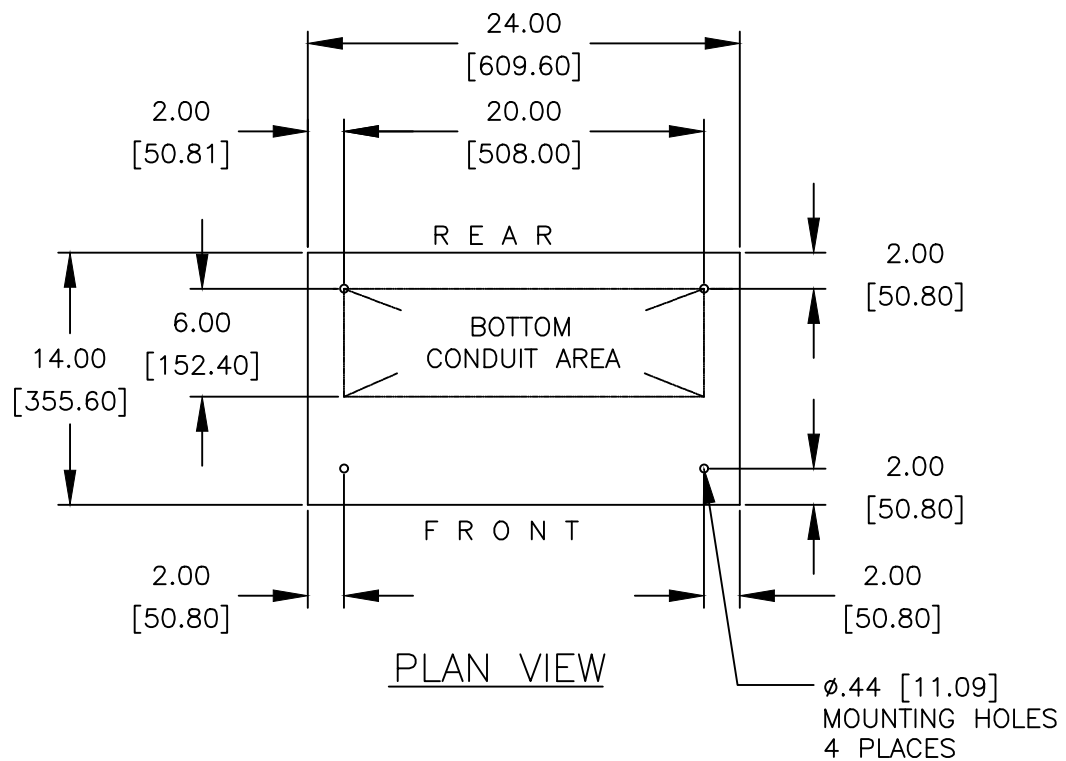
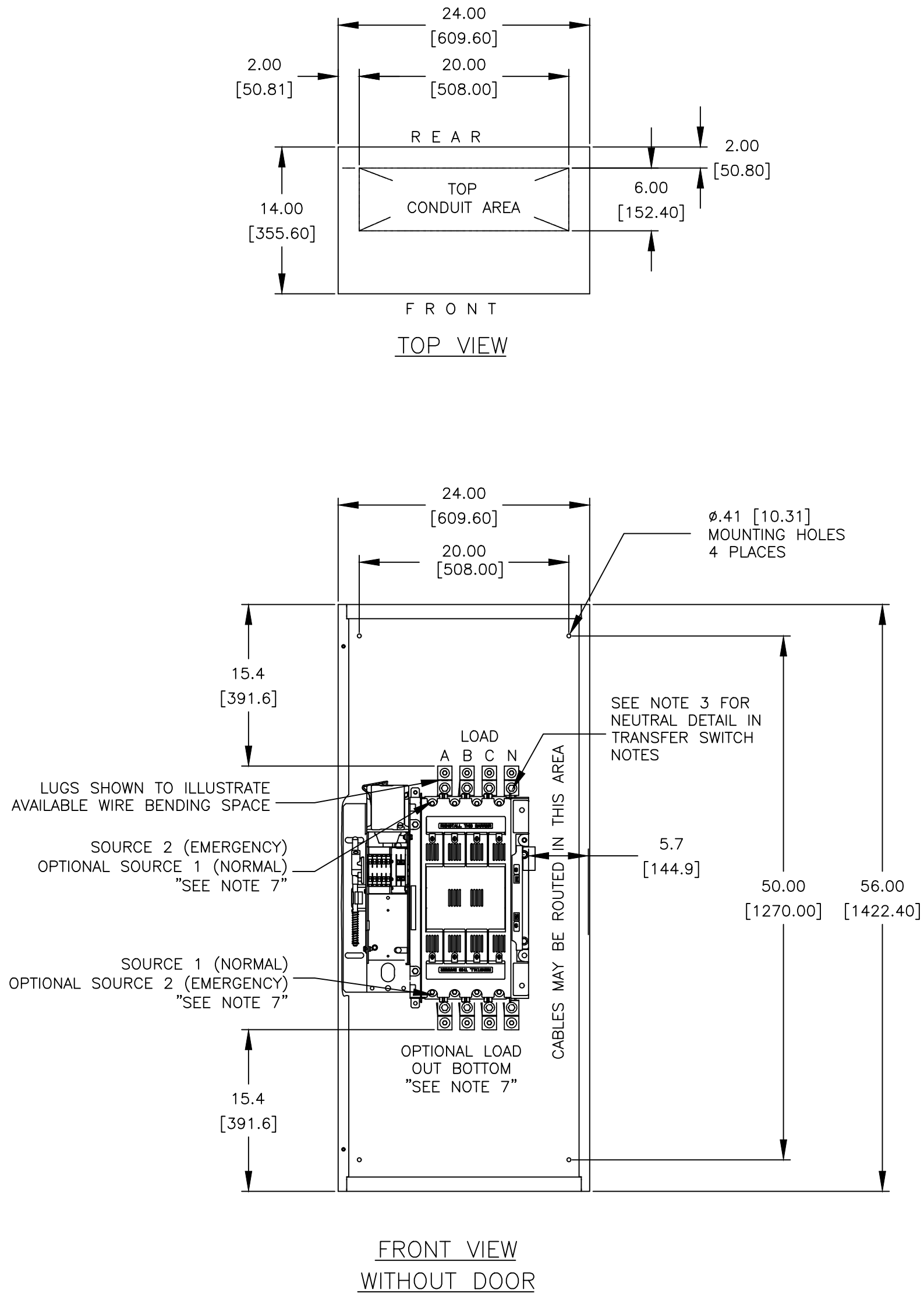
A



"DETAIL - A"



"DETAIL - B"



GENERAL NOTES

- FLOOR MOUNTED OR WALL MOUNTED ENCLOSURE.
TYPE 1 (C) CONSTRUCTED FROM CODE GAUGE STEEL.
FINISH: ANSI 61 GRAY POLYESTER SEMI GLOSS ELECTROSTATIC POWDER.
- DOOR EQUIPPED WITH A KEY LOCKING HANDLE
- DESIGNED FOR FRONT ACCESS.
- RECOMMENDED CLEARANCES: FRONT: 36 [914.40] REAR: NONE.
- CENTER OF GRAVITY
- APPROXIMATE SHIPPING WEIGHT: 290 LB [131.5 KG].
- ACCESSORY 40, OPTIONAL LOAD AND SOURCE LOCATIONS IS AVAILABLE ON SERIES 7000 ONLY.

TRANSFER SWITCH

- J FRAME AUTOMATIC/NON-AUTOMATIC TRANSFER SWITCH.
- TRANSFER SWITCH RATING: 150 AMPS, 200 AMPS, 260 AMPS, 400 AMPS.
WITHSTAND AND CLOSING RATING WHEN PROTECTED BY A CIRCUIT BREAKER WITHOUT AN ADJUSTABLE SHORT TIME RESPONSE,
MAXIMUM 0.05 SECONDS, 65,000 AMPS RMS SYM @ 240V (SWITCHED, SOLID AND OVERLAPPING NEUTRAL).
MAXIMUM 0.05 SECONDS, 42,000 RMS SYM @ 480V (SWITCHED AND SOLID NEUTRAL).
MAXIMUM 0.05 SECONDS, 35,000 RMS SYM @ 480V (OVERLAPPING NEUTRAL).
MAXIMUM 0.05 SECONDS, 35,000 RMS SYM @ 600V (SWITCHED, SOLID AND OVERLAPPING NEUTRAL).
WITHSTAND AND CLOSING RATING WHEN PROTECTED BY A CIRCUIT BREAKER WITH AN ADJUSTABLE SHORT TIME RESPONSE,
MAXIMUM 0.20 SECONDS: 7,500 RMS SYM @ 240V, 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 (SEE DETAIL B FOR TERMINATION)
B. SWITCHED NEUTRAL POLE (SEE DETAIL A FOR TERMINATION)
C. OVERLAPPING NEUTRAL POLE (NOT AVAILABLE ON ADTS, ACTS, NDTS & NCTS UNITS) (SEE DETAIL A FOR TERMINATION)
- UL 1008 OR CSA C22.2 No. 178.1

TERMINATIONS 150A-400A

- SWITCH CAN BE SUPPLIED WITHOUT LUGS (SEE SHEET 2).
A. SOURCES, LOAD AND GROUND LUG KITS ARE ORDERED SEPARATELY.
- MECHANICAL (SCREW TYPE) LUGS FOR COPPER (CU) OR ALUMINUM (AL) CABLE WHEN ORDERED WITH SWITCH.
SOURCE 1 (NORMAL): (1) 1/0-600MCM [50-300mm²] OR (2) 1/0-250MCM [50-120mm²] PER PHASE & NEUTRAL
LOAD: (1) 1/0-600MCM [50-300mm²] OR (2) 1/0-250MCM [50-120mm²] PER PHASE & NEUTRAL
SOURCE 2 (EMERGENCY): (1) 1/0-600MCM [50-300mm²] OR (2) 1/0-250MCM [50-120mm²] PER PHASE & NEUTRAL
GROUND: (3) #4-600MCM [25-300mm²] OR (6) 1/0-250MCM [50-120mm²]
A. SUITABLE WIRE BENDING SPACE IS PROVIDED AS PER NEC.

WIRING/CABLING

- USE 75°C MINIMUM CU/AL WIRE FOR POWER CABLES.
- USE 60°C MINIMUM CU WIRE FOR CONTROLS.

DIMENSION ARE IN INCHES [MILLIMETERS]

PROJECT NAME:		REV. TO SHEET	ECN NO.	BY	APP.	DATE
OUTLINE		MOUNTING				
JATS 150A-400A, PROVISION FOR MECHANICAL LUG						
TYPE 1 56 X 24 X 14						
DRAWN BY	SV	DATE	03-17-23	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-I-003. FOR PLASTIC PARTS SEE MP-I-055		
CHECKED	RN	DATE	03-17-23	PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.		
PROJECT APPROVAL				ASCO [®] ASCO POWER TECHNOLOGIES, L.P. FLORHAM PARK, NEW JERSEY 07932 U.S.A.		
FINAL APPROVAL	RN	DATE	09-04-23	COMPUTER GENERATED DRAWING		
	JPB	DATE	09-04-23	SCALE 3/32" = 1" SIZE DS		
		DWG. NO. 780145		THIRD ANGLE PROJECTION		
		DRAWING REV. N		ECN NO. 308222		
				SHEET 1 OF 2		

D

C

B

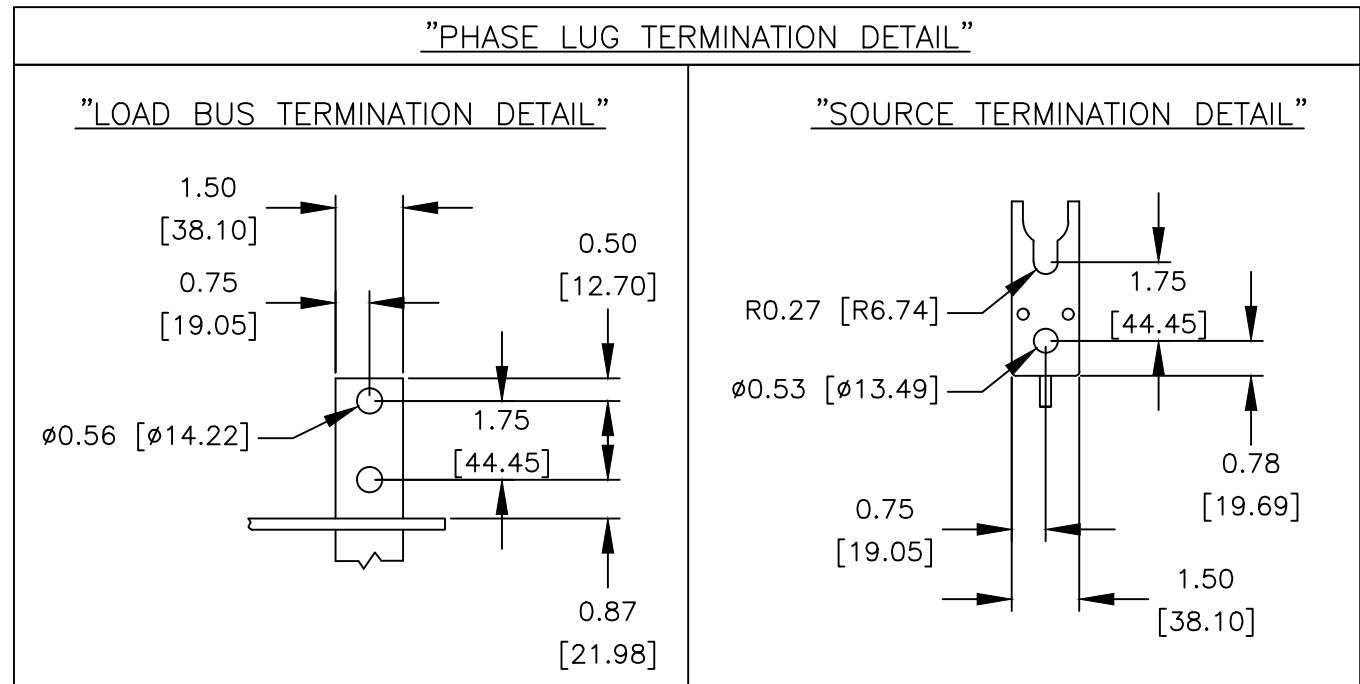
A

D

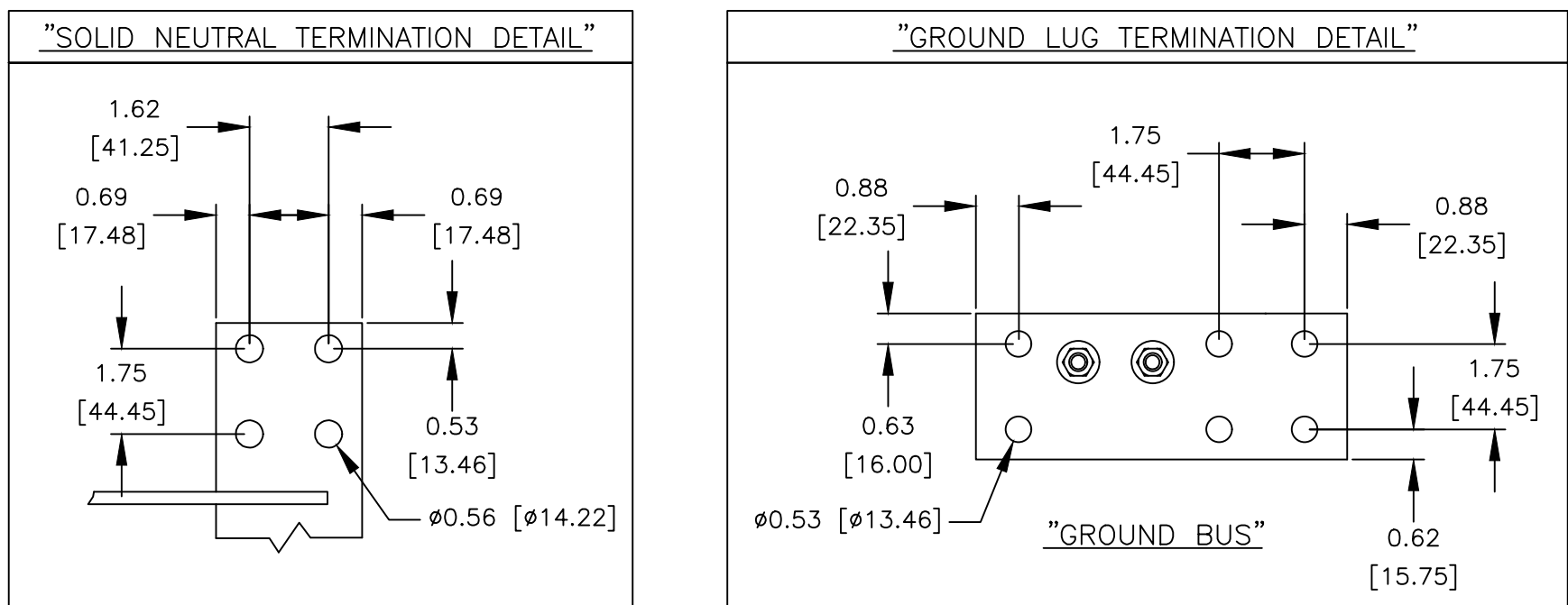
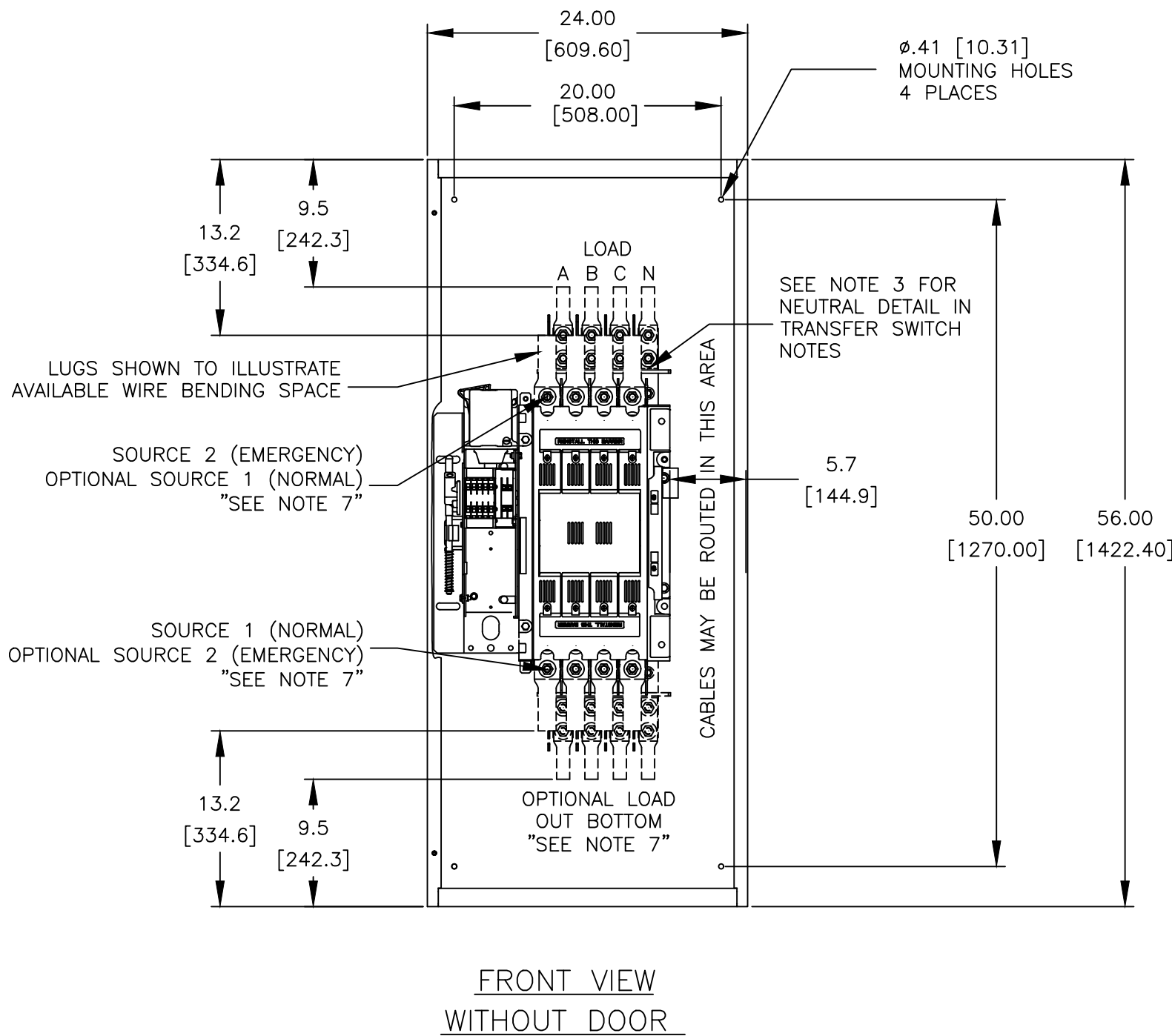
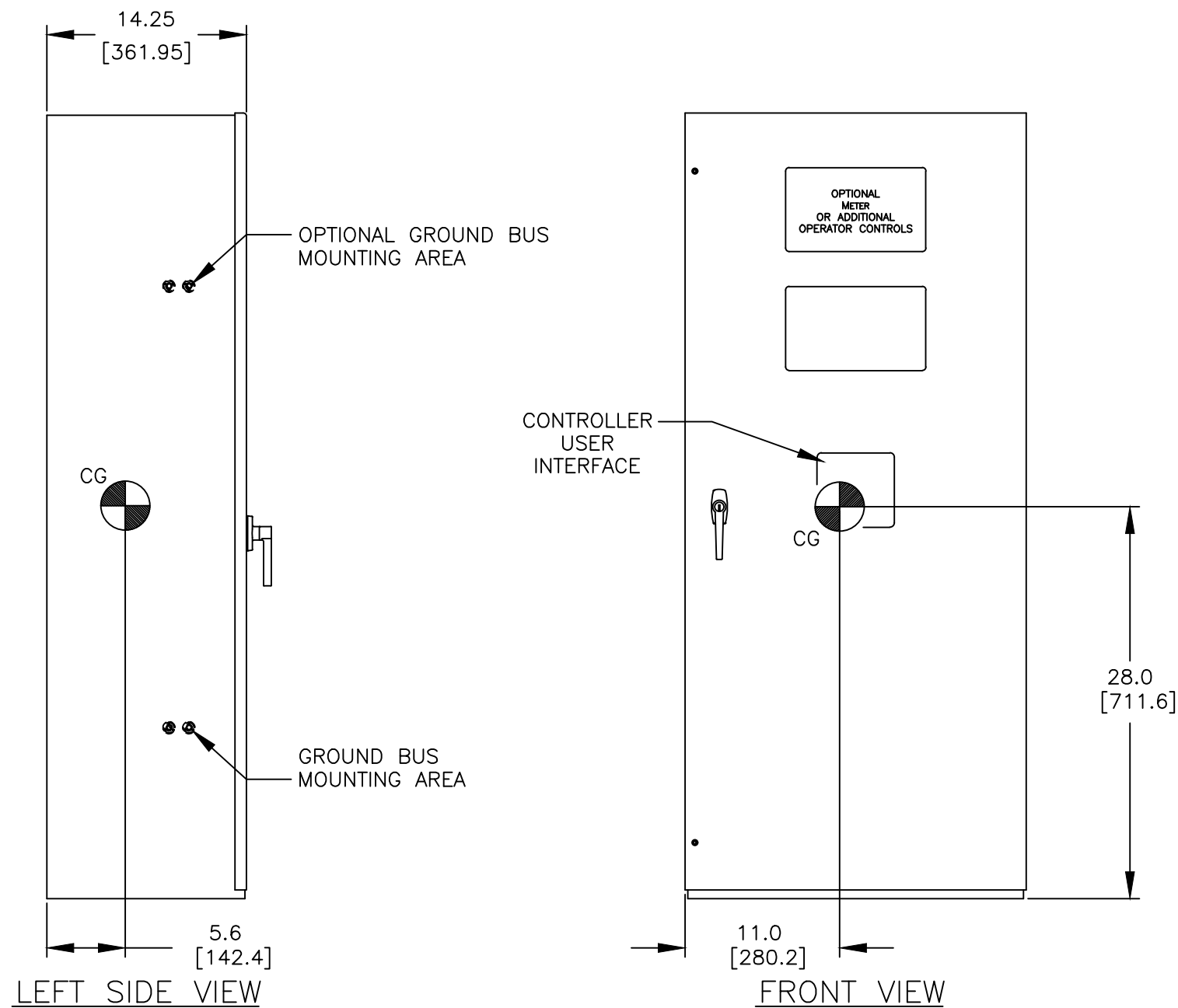
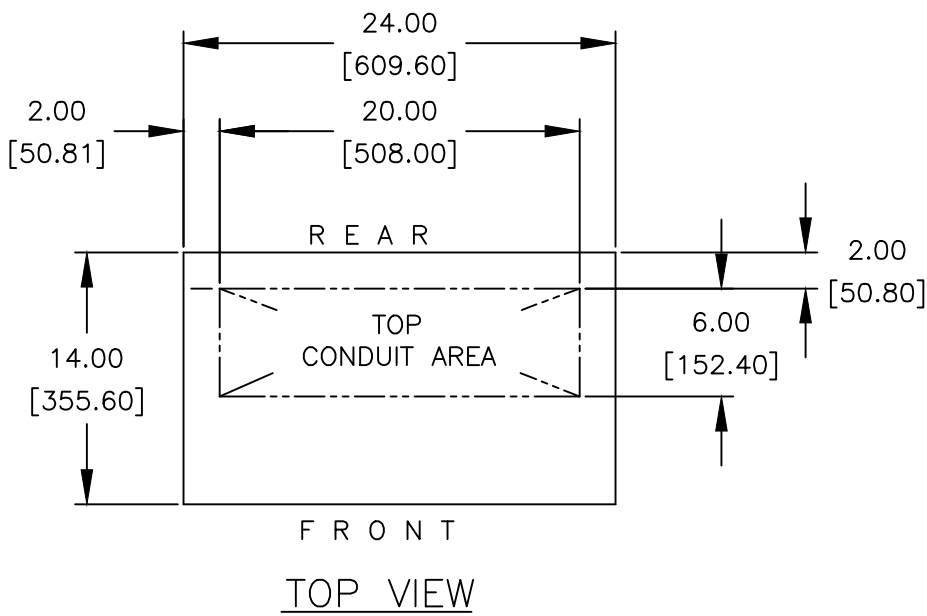
C

B

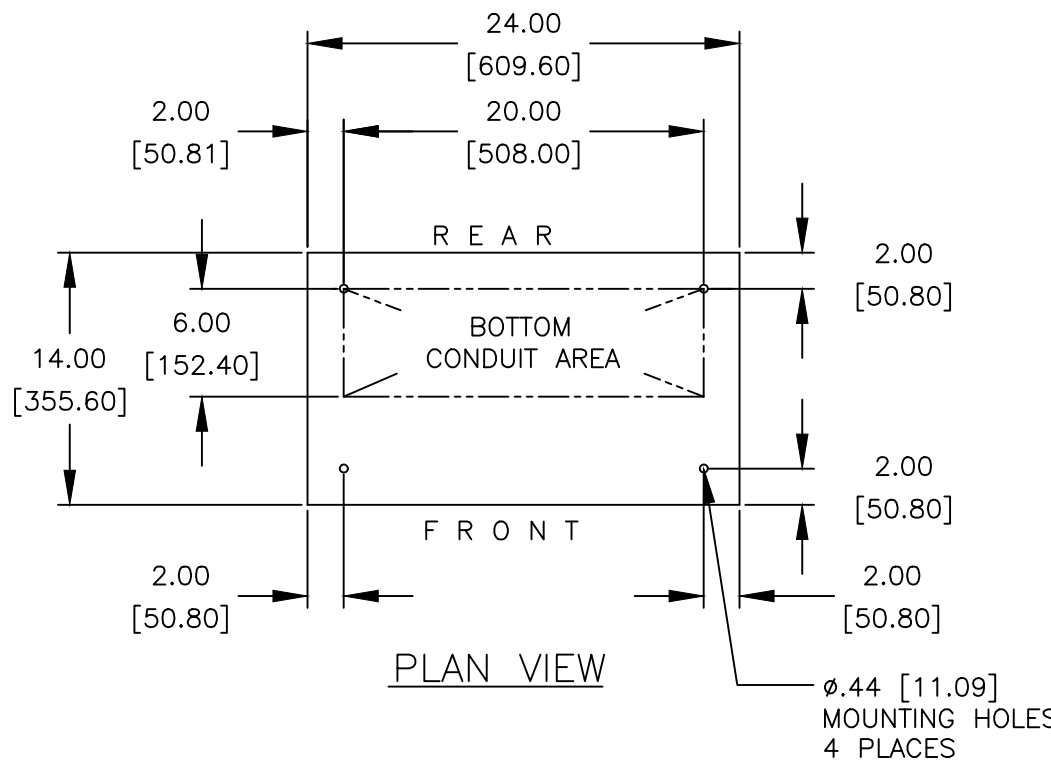
A



"DETAIL - A"



"DETAIL - B"



GENERAL NOTES

- FLOOR MOUNTED OR WALL MOUNTED ENCLOSURE.
TYPE 1 (C) CONSTRUCTED FROM CODE GAUGE STEEL.
FINISH: ANSI 61 GRAY POLYESTER SEMI GLOSS ELECTROSTATIC POWDER.
- DOOR EQUIPPED WITH A KEY LOCKING HANDLE
- DESIGNED FOR FRONT ACCESS.
- RECOMMENDED CLEARANCES: FRONT: 36 [914.40] REAR: NONE.
- CENTER OF GRAVITY
- APPROXIMATE SHIPPING WEIGHT: 290 LB [131.5 KG].
- ACCESSORY 40, OPTIONAL LOAD AND SOURCE LOCATIONS IS AVAILABLE ON SERIES 7000 ONLY.

TRANSFER SWITCH

- J FRAME 7000 SERIES AUTOMATIC/NON-AUTOMATIC TRANSFER SWITCH ONLY.
- TRANSFER SWITCH RATING: 150 AMPS, 200 AMPS, 260 AMPS, 400 AMPS.
WITHSTAND AND CLOSING RATING WHEN PROTECTED BY A CIRCUIT BREAKER WITHOUT AN ADJUSTABLE SHORT TIME RESPONSE,
MAXIMUM 0.05 SECONDS, 65,000 AMPS RMS SYM @ 240V (SWITCHED, SOLID AND OVERLAPPING NEUTRAL).
MAXIMUM 0.05 SECONDS, 42,000 RMS SYM @ 480V (SWITCHED AND SOLID NEUTRAL).
MAXIMUM 0.05 SECONDS, 35,000 RMS SYM @ 480V (OVERLAPPING NEUTRAL).
MAXIMUM 0.05 SECONDS, 35,000 RMS SYM @ 600V (SWITCHED, SOLID AND OVERLAPPING NEUTRAL).
WHEN CONNECTED WITH ONLY 1 LUG 1 CABLE PER PHASE THE 240V RATING IS REDUCED TO 50,000 RMS.
WITHSTAND AND CLOSING RATING WHEN PROTECTED BY A CIRCUIT BREAKER WITH AN ADJUSTABLE SHORT TIME RESPONSE,
MAXIMUM 0.20 SECONDS: 7,500 RMS SYM @ 240V, 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 (SEE DETAIL B FOR TERMINATION)
B. SWITCHED NEUTRAL POLE (SEE DETAIL A FOR TERMINATION)
C. OVERLAPPING NEUTRAL POLE (NOT AVAILABLE ON ADTS, ACTS, NDTs & NCTs UNITS) (SEE DETAIL A FOR TERMINATION)
- UL 1008 OR CSA C22.2 No. 178.1

TERMINATIONS 150A-400A

- SWITCH SUPPLIED WITHOUT LUGS.
A. SOURCES, LOAD AND GROUND LUG KITS ARE ORDERED SEPARATELY.
- CRIMP LUGS FOR COPPER (CU) OR ALUMINUM (AL) CABLE.
SOURCE 1 (NORMAL): (1) 600MCM [300mm²] OR (2) 500MCM [240mm²] PER PHASE & NEUTRAL
LOAD: (1) 300MCM [150mm²] OR (2) 300MCM [150mm²] PER PHASE & NEUTRAL
SOURCE 2 (EMERGENCY): (1) 600MCM [300mm²] OR (2) 500MCM [240mm²] PER PHASE & NEUTRAL
A. SUITABLE WIRE BENDING SPACE IS PROVIDED AS PER NEC.
B. OPTIONAL LUGS MAY BE SUPPLIED (MAY AFFECT ENCLOSURE SIZE).

WIRING/CABLING

- USE 75°C MINIMUM CU/AL WIRE FOR POWER CABLES.
- USE 60°C MINIMUM CU WIRE FOR CONTROLS.

DIMENSION ARE IN INCHES [MILLIMETERS]

PROJECT NAME:				REV. TO SHEET	ECN NO.	BY	APP.	DATE
OUTLINE				MOUNTING				
JATS 150A-400A, PROVISION FOR CRIMP LUG								
TYPE 1 56 X 24 X 14, 7000 SERIES TRANSFER SWITCH ONLY								
DRAWN BY SV				DATE 03-17-23		MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-055		
CHECKED RN				DATE 03-17-23		PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.		
PROJECT APPROVAL RN				ASCO POWER TECHNOLOGIES, L.P. FLORHAM PARK, NEW JERSEY 07932 U.S.A.				
FINAL APPROVAL JPB				DATE 09-04-23				
COMPUTER GENERATED DRAWING				SCALE 3/32" = 1" SIZE DS				
DWG. NO. 780145				DRAWING N				
ECN NO. 308222				SHEET 2 OF 2				