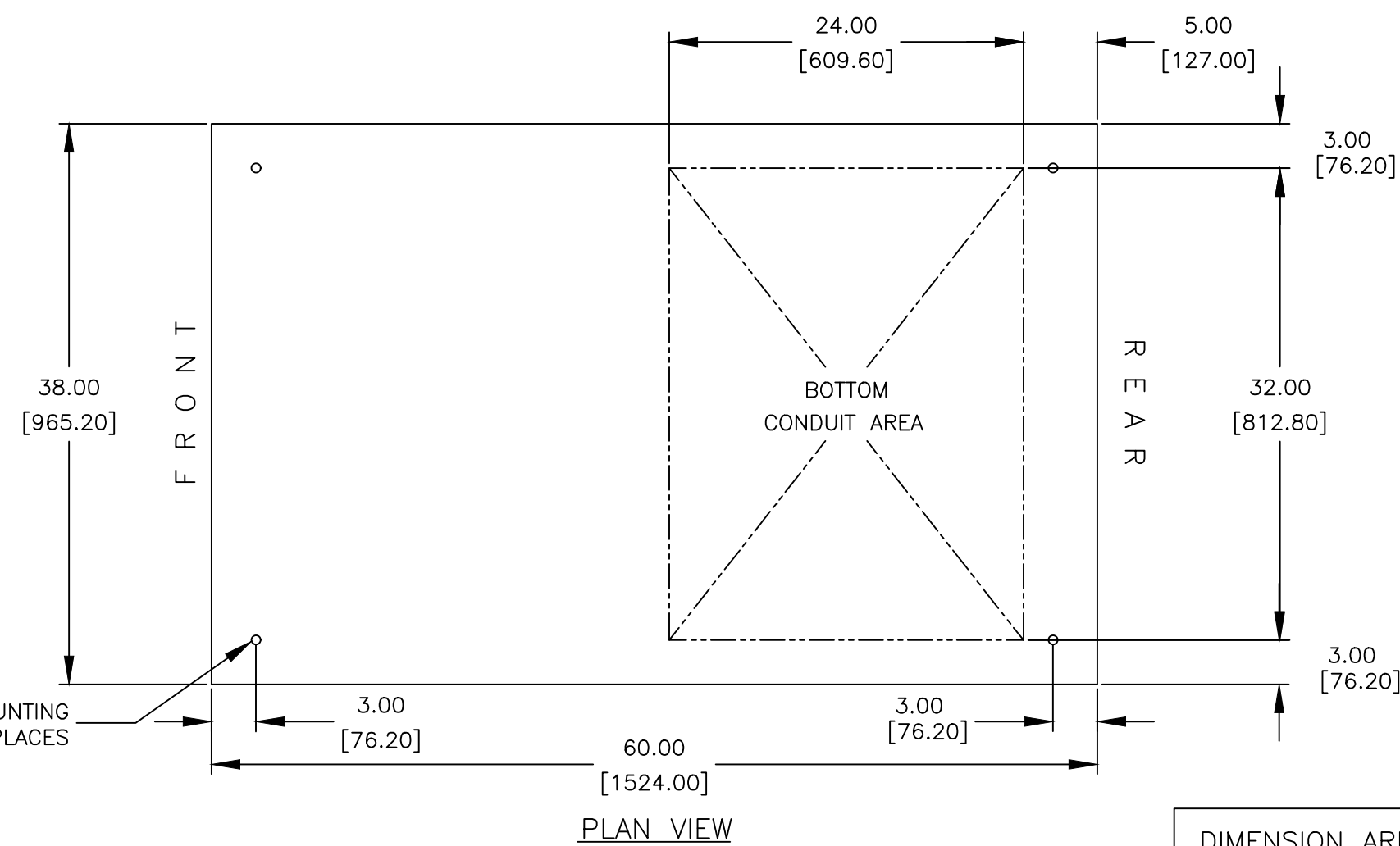
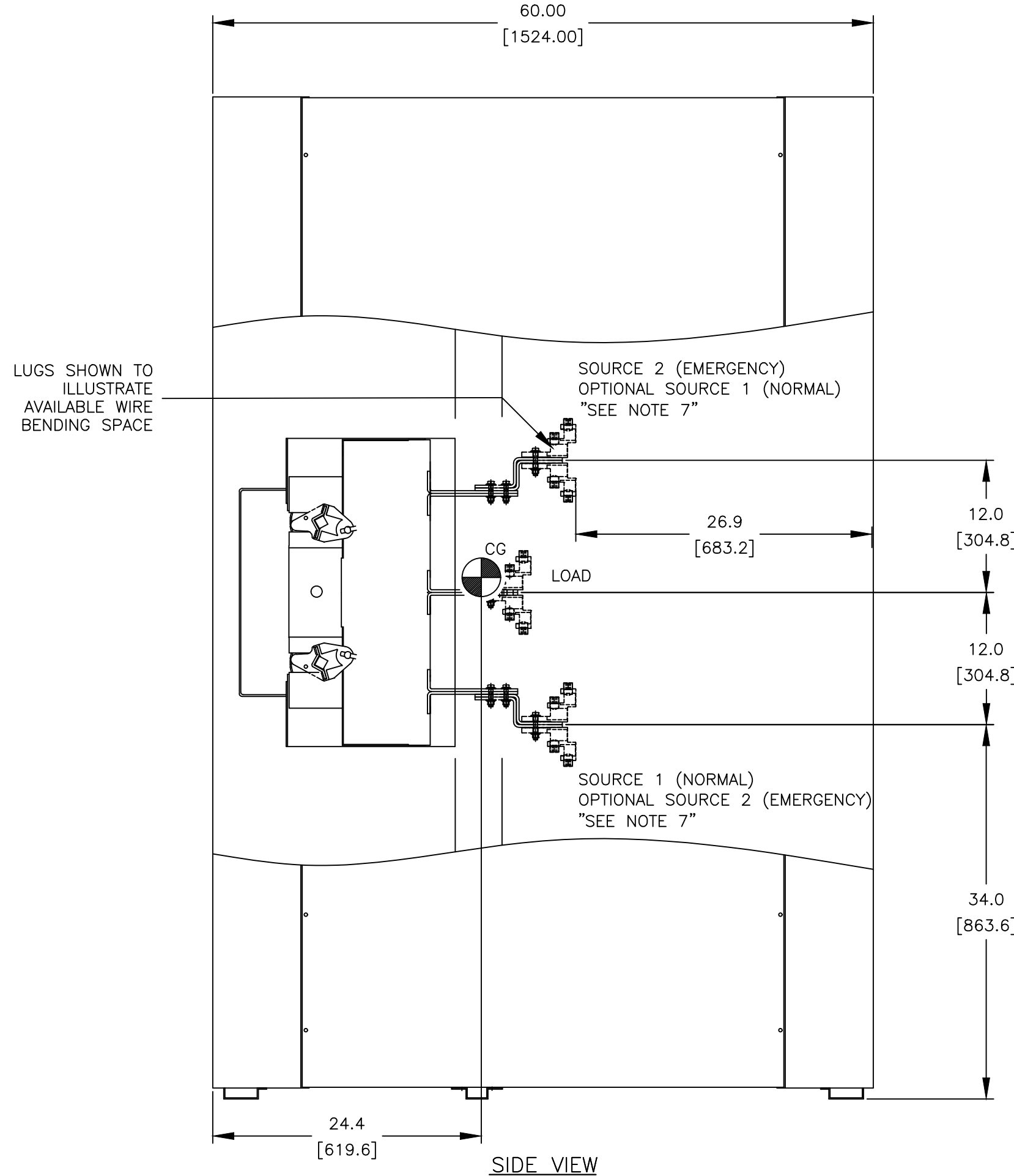
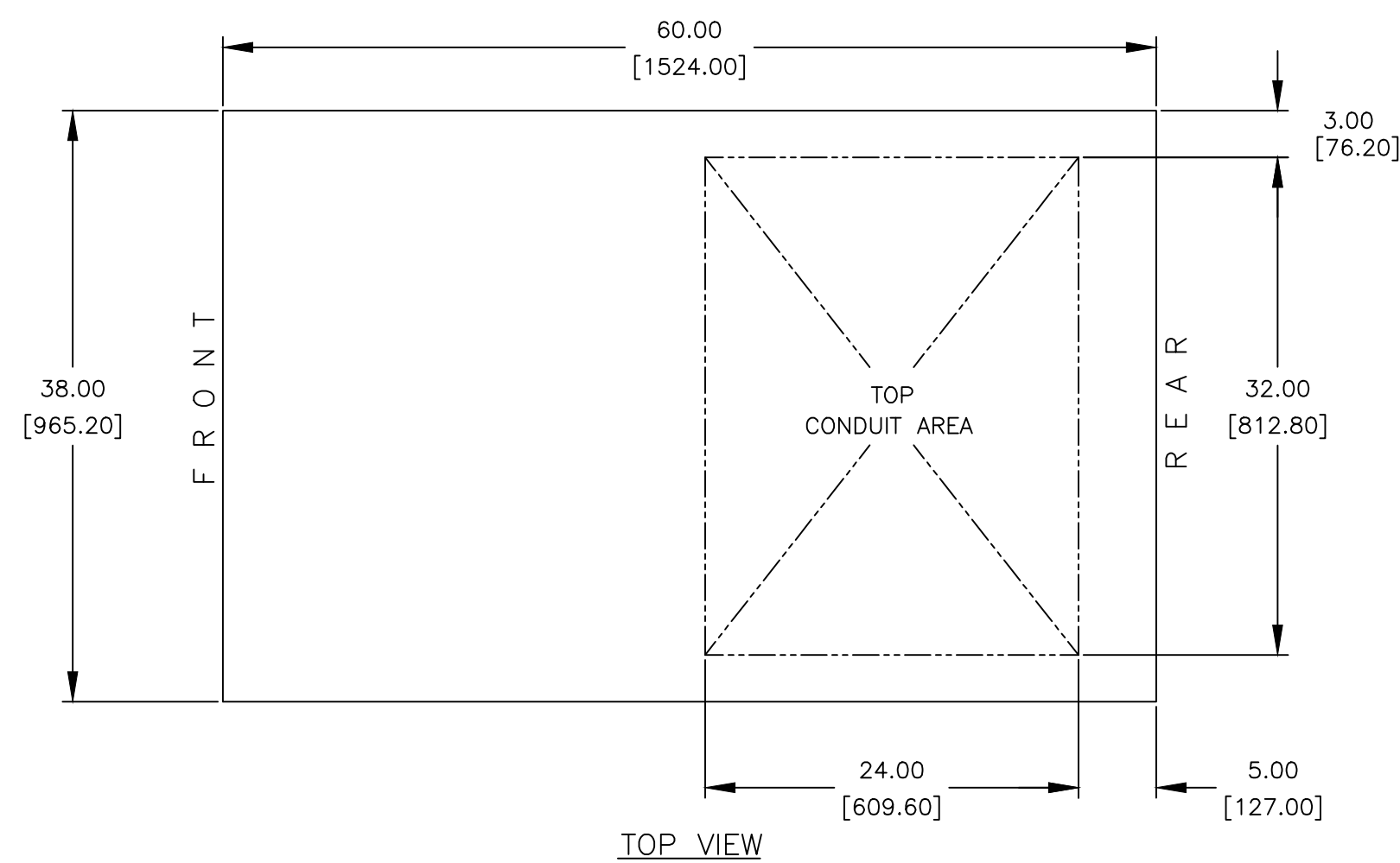
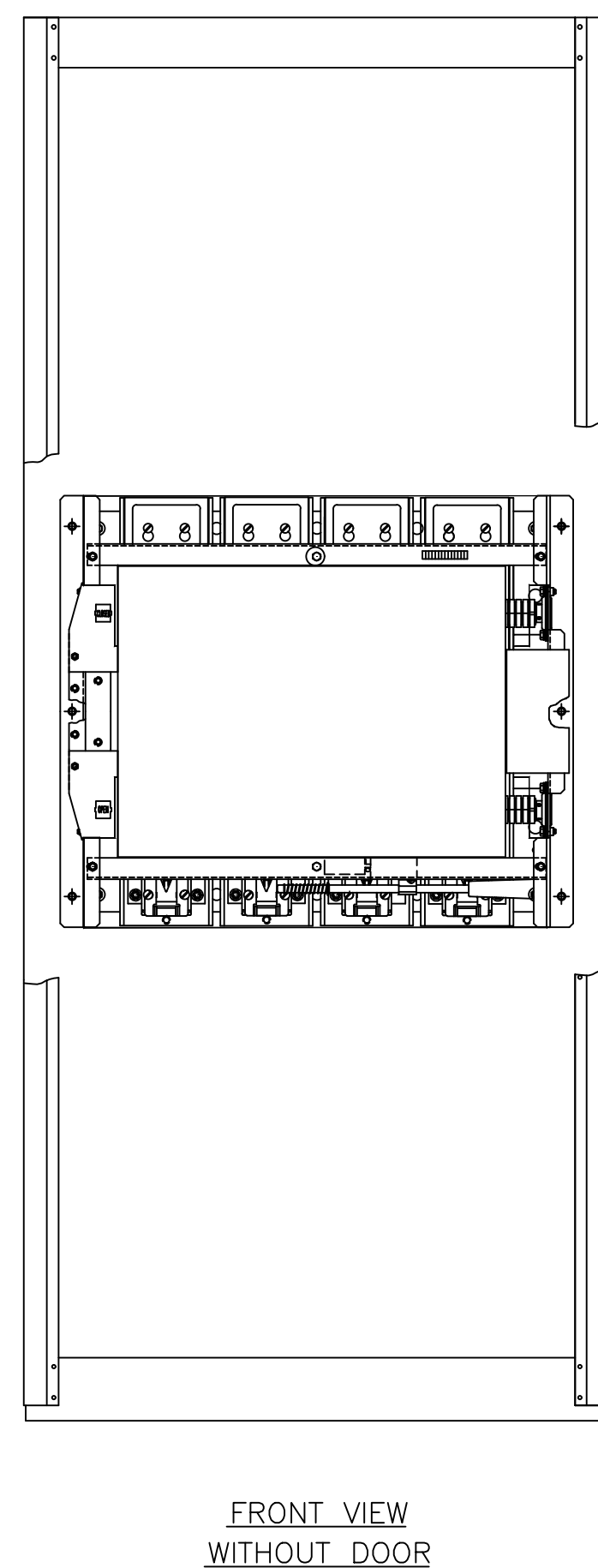
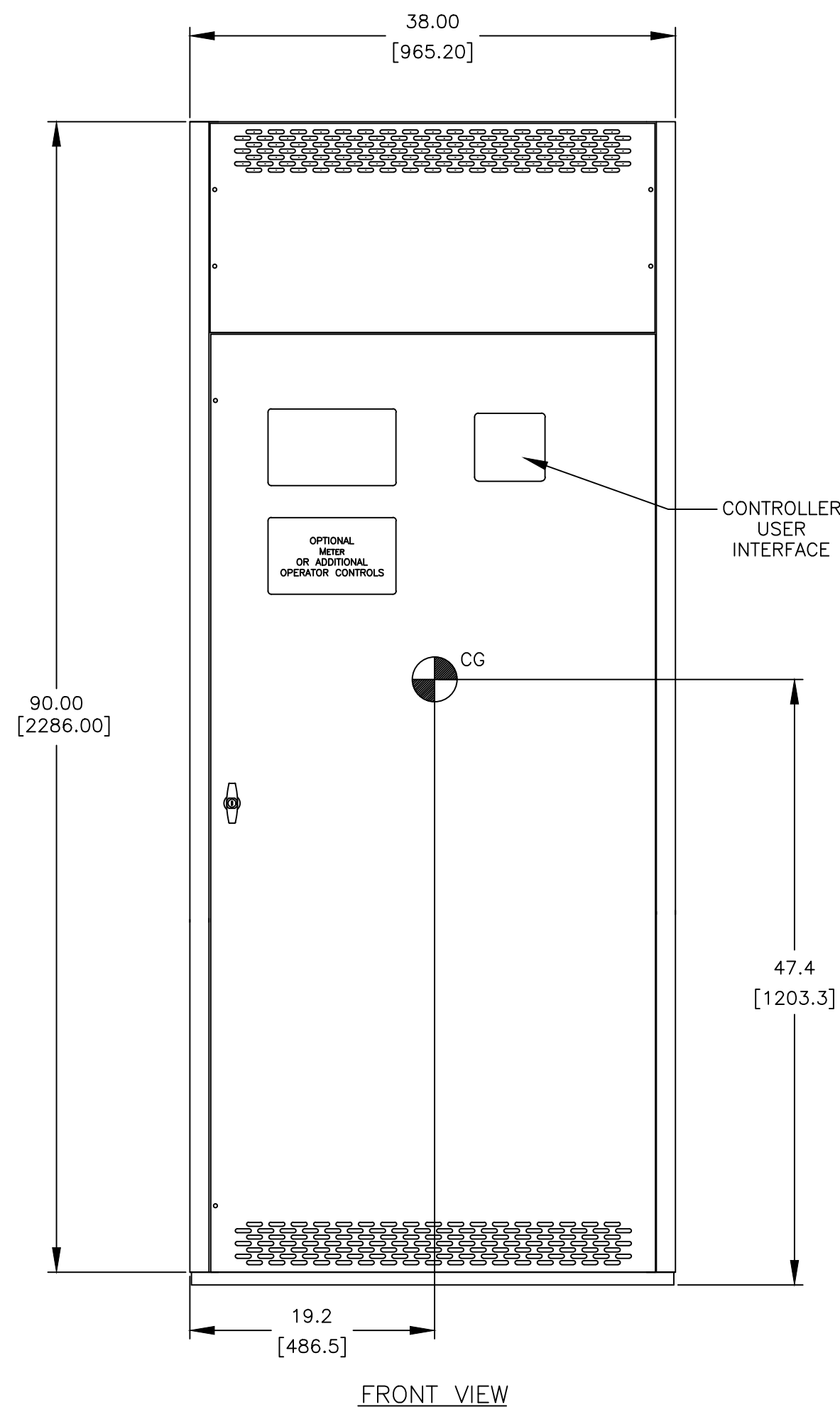


**GENERAL NOTES**

- FLOOR 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 & REAR ACCESS.
- RECOMMENDED CLEARANCES: FRONT: 36 [914.40] REAR: 30 [762].
- CENTER OF GRAVITY
- APPROXIMATE SHIPPING WEIGHT: 1600 LB [726 KG]
- ACCESSORY 40, OPTIONAL SOURCE LOCATIONS IS AVAILABLE ON SERIES 7000 ONLY.
- SEE SHEET 3 FOR TERMINATION DETAILS.



**TRANSFER SWITCH**

- G FRAME AUTOMATIC/NON-AUTOMATIC TRANSFER SWITCH.
- TRANSFER SWITCH RATING: 1000 AMPS, 1200 AMPS, 1600 AMPS, 2000 AMPS, 2600 AMPS AND 3000 AMPS.  
WITHSTAND AND CLOSING RATING WHEN PROTECTED BY A CIRCUIT BREAKER WITHOUT AN ADJUSTABLE SHORT TIME RESPONSE,  
1000A-1200A: MAXIMUM 0.05 SECONDS, 85,000 RMS SYM @ 240V, 480V, 600V  
1600A-3000A: MAXIMUM 0.05 SECONDS, 100,000 RMS SYM @ 240V, 480V, 600V  
WITHSTAND AND CLOSING RATING WHEN PROTECTED BY A CIRCUIT BREAKER WITH AN ADJUSTABLE SHORT TIME RESPONSE,  
1600A-3000A: MAXIMUM 0.30 SECONDS, 42,000 RMS SYM @ 240V, 480V, 600V.  
1600A-3000A: MAXIMUM 0.50 SECONDS, 36,000 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  
B. SWITCHED NEUTRAL POLE  
C. OVERLAPPING NEUTRAL POLE (NOT AVAILABLE ON ADTS, ACTS, NDTs & NCTS UNITS)
- UL 1008 OR CSA C22.2 No. 178.1

**TERMINATIONS 1000A-1200A (ACC. 42 ONLY)**

- 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): (4) 1/0-600MCM [50-300mm<sup>2</sup>] PER PHASE & NEUTRAL  
LOAD: (4) 1/0-600MCM [50-300mm<sup>2</sup>] PER PHASE & NEUTRAL  
SOURCE 2 (EMERGENCY): (4) 1/0-600MCM [50-300mm<sup>2</sup>] PER PHASE & NEUTRAL  
GROUND: (12) 1/0-600MCM [50-300mm<sup>2</sup>]  
A. SUITABLE WIRE BENDING SPACE IS PROVIDED AS PER NEC.

**TERMINATIONS 1600A-2000A (ACC. 42 ONLY)**

- 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): (6) 1/0-600MCM [50-300mm<sup>2</sup>] PER PHASE & NEUTRAL  
LOAD: (6) 1/0-600MCM [50-300mm<sup>2</sup>] PER PHASE & NEUTRAL  
SOURCE 2 (EMERGENCY): (6) 1/0-600MCM [50-300mm<sup>2</sup>] PER PHASE & NEUTRAL  
GROUND: (18) 1/0-600MCM [50-300mm<sup>2</sup>]  
A. SUITABLE WIRE BENDING SPACE IS PROVIDED AS PER NEC.

**TERMINATIONS 2600A-3000A**

- 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): (12) 1/0-600MCM [50-300mm<sup>2</sup>] PER PHASE & NEUTRAL  
LOAD: (12) 1/0-600MCM [50-300mm<sup>2</sup>] PER PHASE & NEUTRAL  
SOURCE 2 (EMERGENCY): (12) 1/0-600MCM [50-300mm<sup>2</sup>] PER PHASE & NEUTRAL  
GROUND: (30) 1/0-600MCM [50-300mm<sup>2</sup>]  
A. SUITABLE WIRE BENDING SPACE IS PROVIDED AS PER NEC.


**WIRING/CABLING**

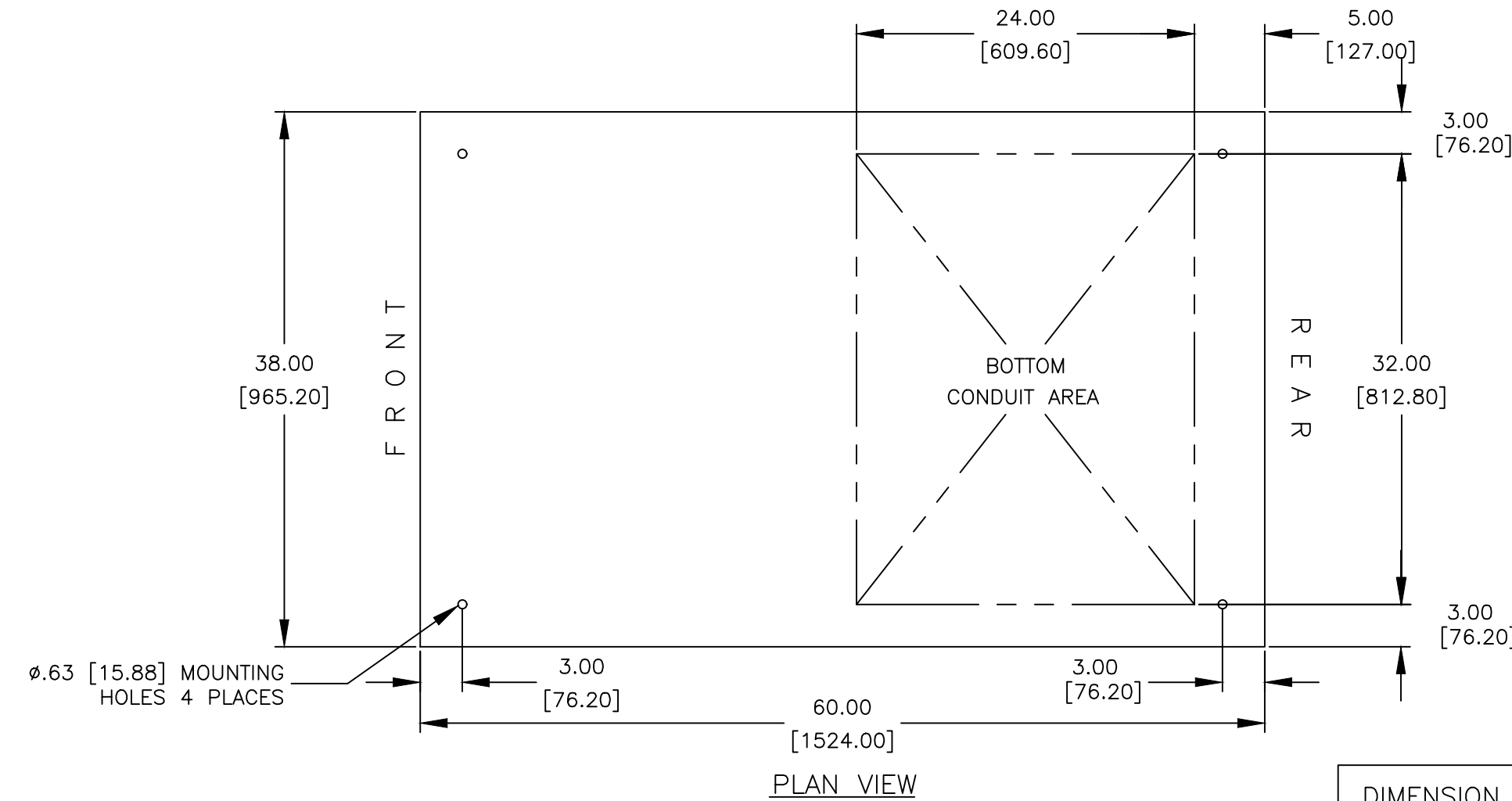
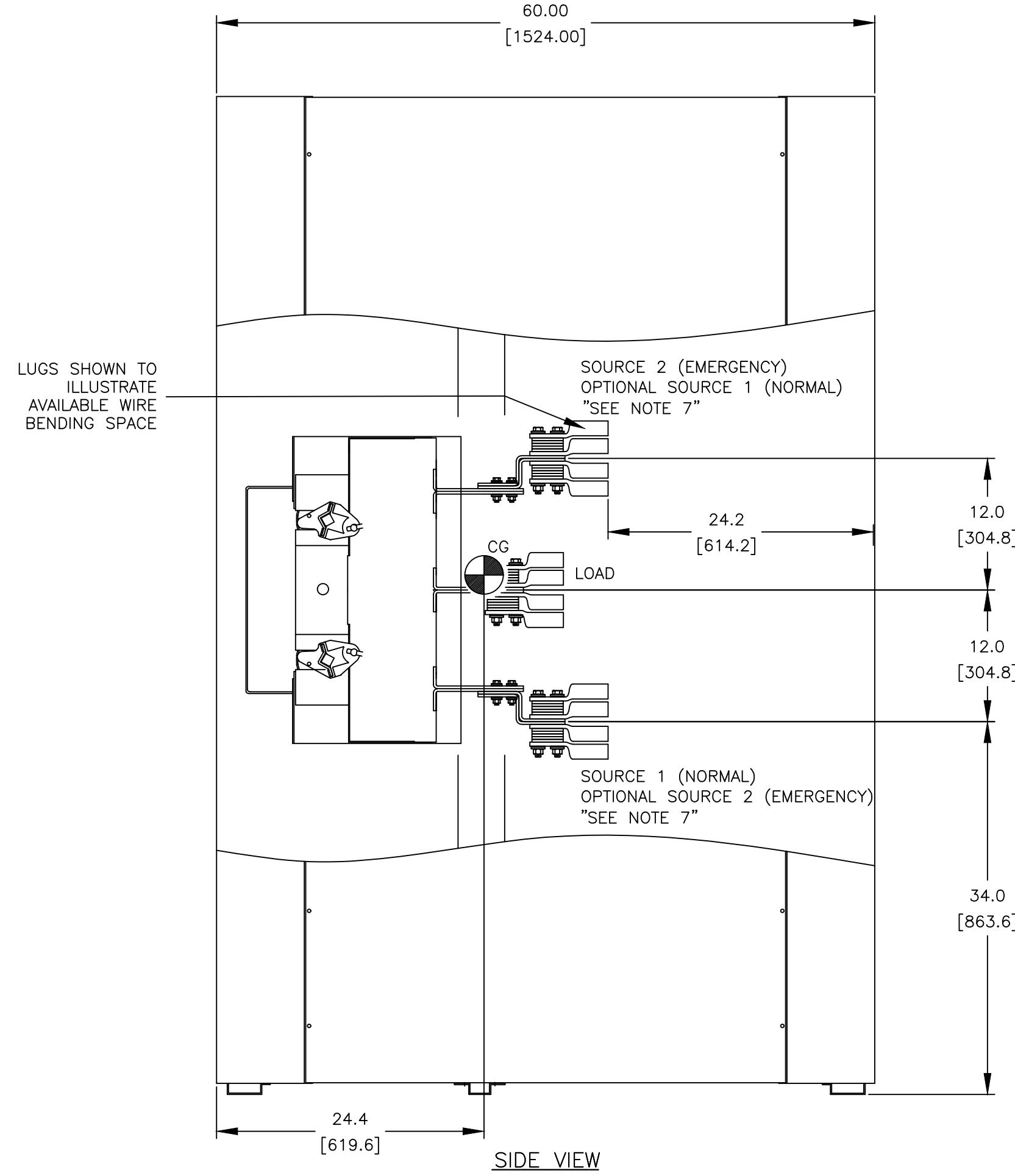
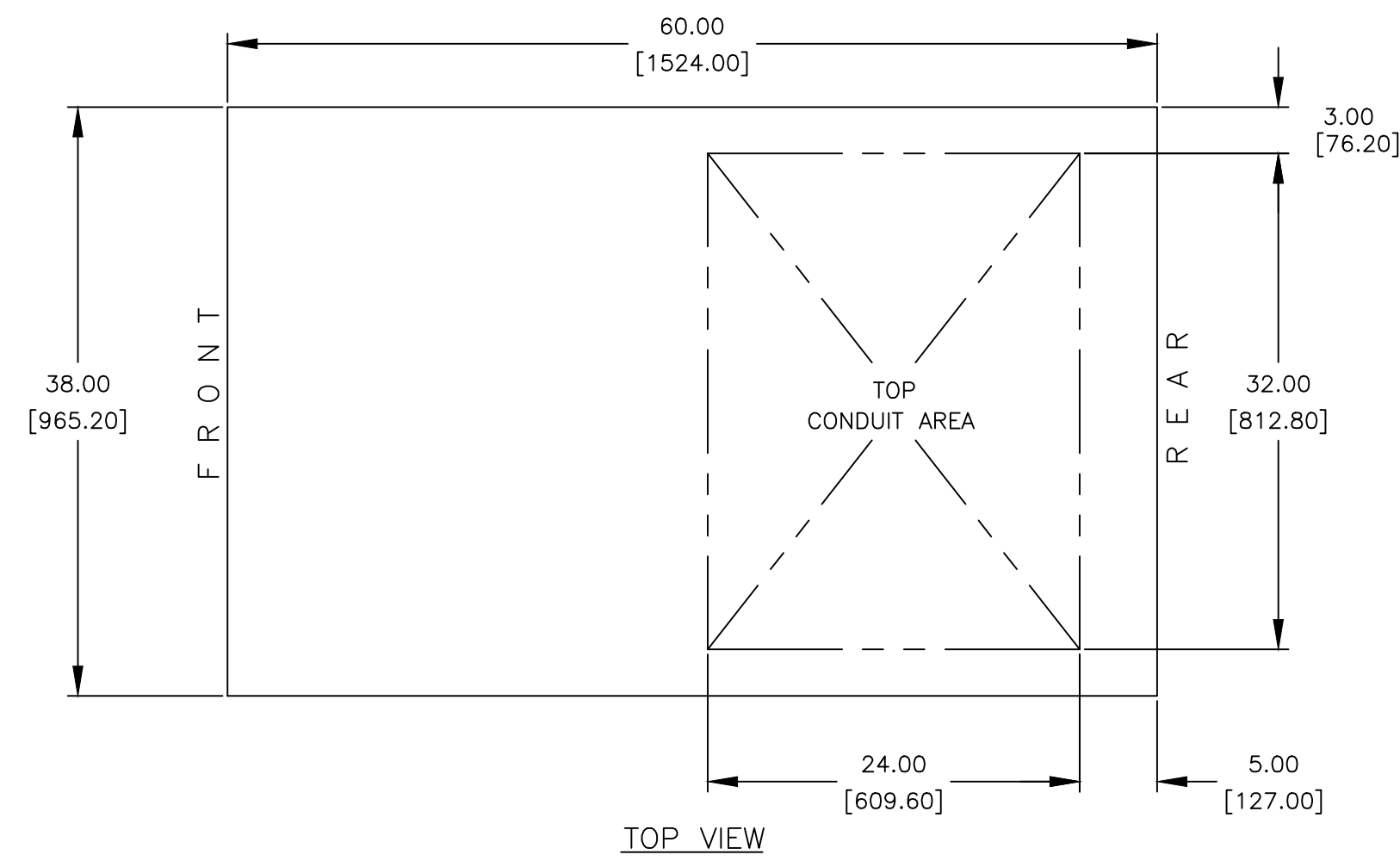
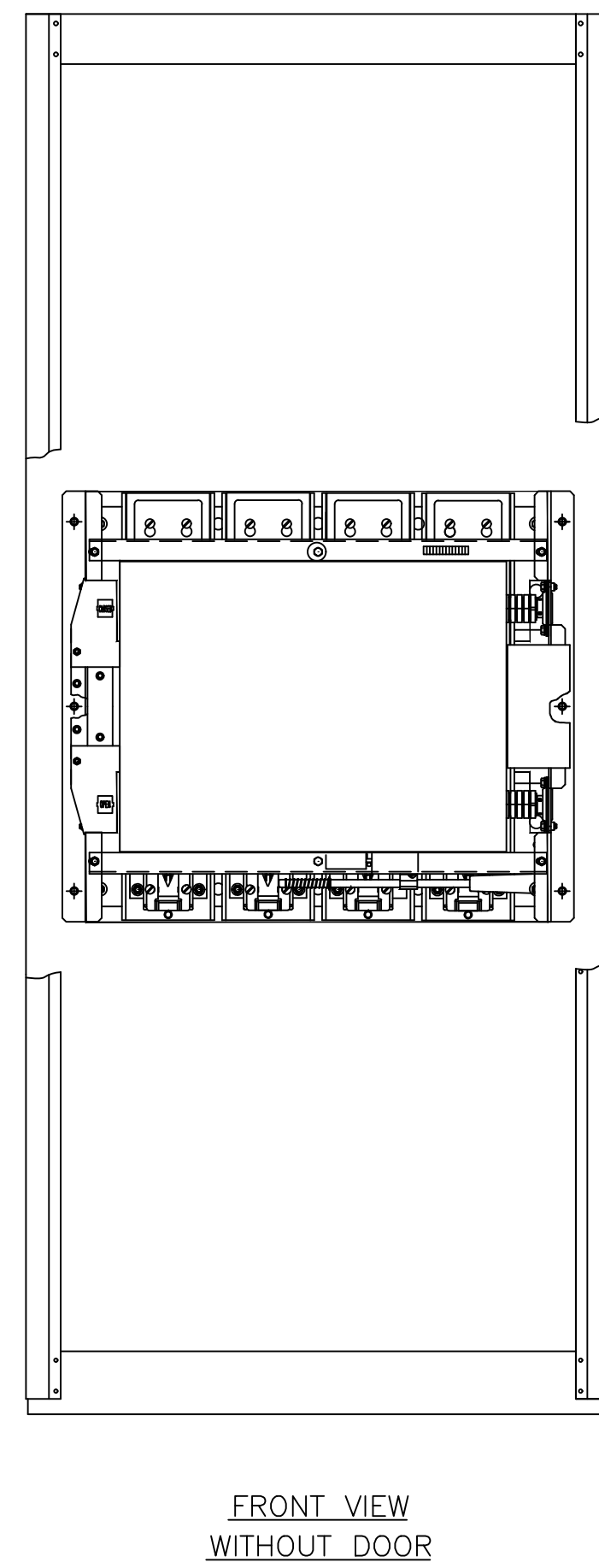
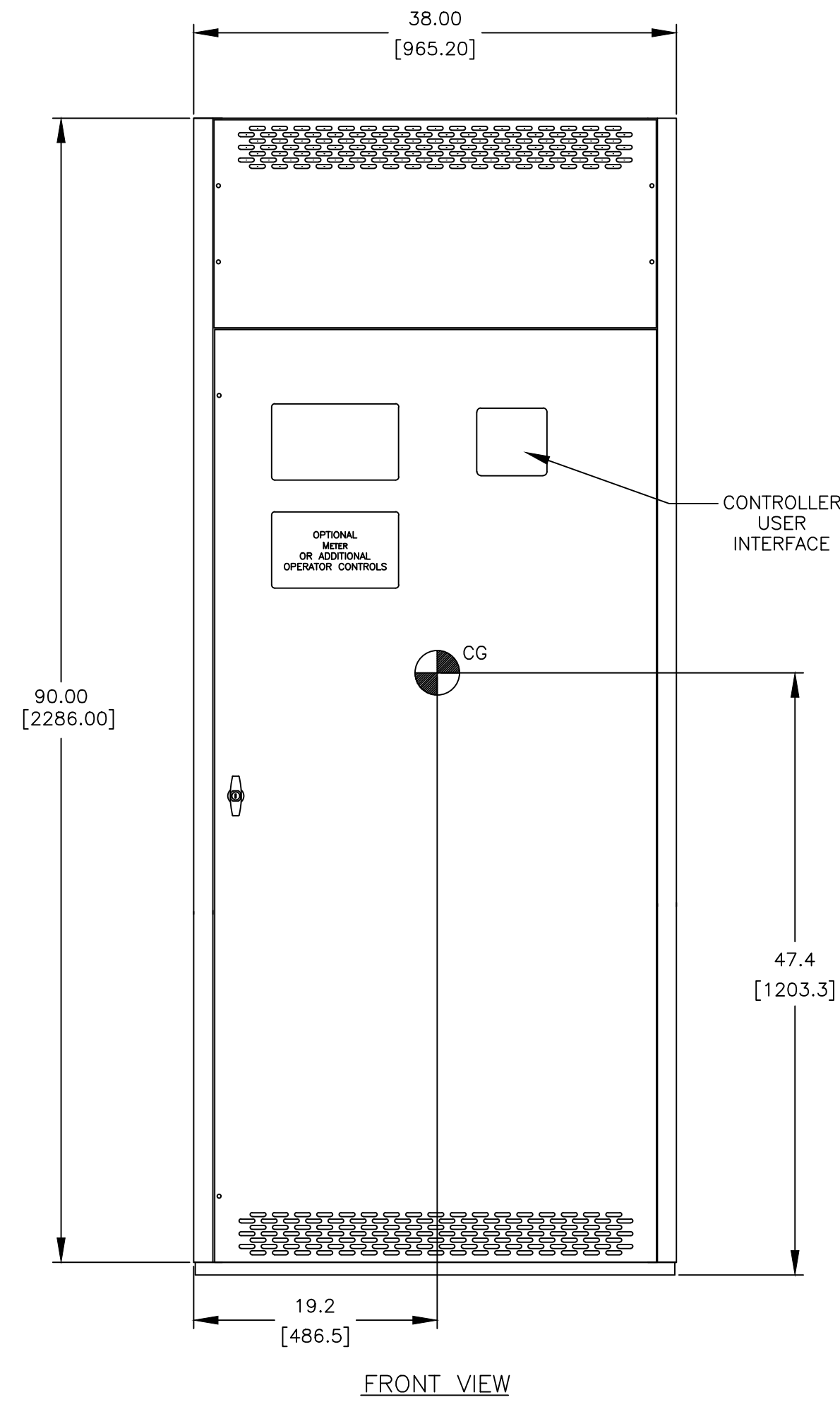
- USE 90°C MINIMUM CU/AL WIRE FOR POWER CABLES.
- WIRE SIZE TO BE BASED ON AMPACITY OF 75°C WIRE.
- USE 60°C MINIMUM CU WIRE FOR CONTROLS.

PROJECT NAME:		OUTLINE		MOUNTING	
GATS 1000A - 3000A, PROVISION FOR MECHANICAL LUG					
TYPE 1 91 X 38 X 60					
REV. TO SHEET	ECN NO.	BY	APP.	DATE	
L	308223	SV	JPB	03-22-24	
SEE ECN					
K	303184	SV		09-05-23	
SEE ECN					
DRAWN BY		SV	DATE	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-055	
CHECKED		RN	04-21-23	ASSEM. REF. NO.	
PROJECT APPROVAL		RN	04-21-23	PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.	
FINAL APPROVAL		RN	09-04-23	COMPUTER GENERATED DRAWING	
REV.		JPB	09-04-23	SCALE 3/32" = 1" SIZE DS	
DWG. NO.		725400		REV. L	
DRAWING REV.		L		ECN NO. 308223	
SHEET		1 OF 3		ASCO® ASCO POWER TECHNOLOGIES, LP. FLORHAM PARK, NEW JERSEY 07932 U.S.A.	

DIMENSION ARE IN INCHES [MILLIMETERS]

GENERAL NOTES

- FLOOR 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 & REAR ACCESS.
- RECOMMENDED CLEARANCES: FRONT: 36 [914.40] REAR: 30 [762].
-  CENTER OF GRAVITY
- APPROXIMATE SHIPPING WEIGHT: 1600 LB [726 KG]
- ACCESSORY 40, OPTIONAL SOURCE LOCATIONS IS AVAILABLE ON SERIES 7000 ONLY.
- SEE SHEET 3 FOR TERMINATION DETAILS.



TRANSFER SWITCH

- G FRAME 7000 SERIES AUTOMATIC/NON-AUTOMATIC TRANSFER SWITCH.
- TRANSFER SWITCH RATING: 1000 AMPS, 1200 AMPS, 1600 AMPS, 2000 AMPS, 2600 AMPS AND 3000 AMPS.  
WITHSTAND AND CLOSING RATING WHEN PROTECTED BY A CIRCUIT BREAKER WITHOUT AN ADJUSTABLE SHORT TIME RESPONSE,  
1000A-1200A: MAXIMUM 0.05 SECONDS, 85,000 RMS SYM @ 240V, 480V, 600V  
1600A-3000A: MAXIMUM 0.05 SECONDS, 100,000 RMS SYM @ 240V, 480V, 600V  
WITHSTAND AND CLOSING RATING WHEN PROTECTED BY A CIRCUIT BREAKER WITH AN ADJUSTABLE SHORT TIME RESPONSE,  
1600A-3000A: MAXIMUM 0.30 SECONDS, 42,000 RMS SYM @ 240V, 480V, 600V.  
1600A-3000A: MAXIMUM 0.50 SECONDS, 36,000 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  
B. SWITCHED NEUTRAL POLE  
C. OVERLAPPING NEUTRAL POLE (NOT AVAILABLE ON ADTS, ACTS, NDTs & NCTS UNITS)
- UL 1008 OR CSA C22.2 No. 178.1

TERMINATIONS 1000A-2000A (ACC. 42 ONLY)

- 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): (6) 600MCM [300mm<sup>2</sup>] PER PHASE & NEUTRAL  
LOAD: (6) 600MCM [300mm<sup>2</sup>] PER PHASE & NEUTRAL  
SOURCE 2 (EMERGENCY): (6) 600MCM [300mm<sup>2</sup>] PER PHASE & NEUTRAL  
A. SUITABLE WIRE BENDING SPACE IS PROVIDED AS PER NEC.  
B. OPTIONAL LUGS MAY BE SUPPLIED (MAY AFFECT ENCLOSURE SIZE).

TERMINATIONS 2600A-3000A

- 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): (8) 600MCM [300mm<sup>2</sup>] PER PHASE & NEUTRAL  
LOAD: (8) 600MCM [300mm<sup>2</sup>] PER PHASE & NEUTRAL  
SOURCE 2 (EMERGENCY): (8) 600MCM [300mm<sup>2</sup>] 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

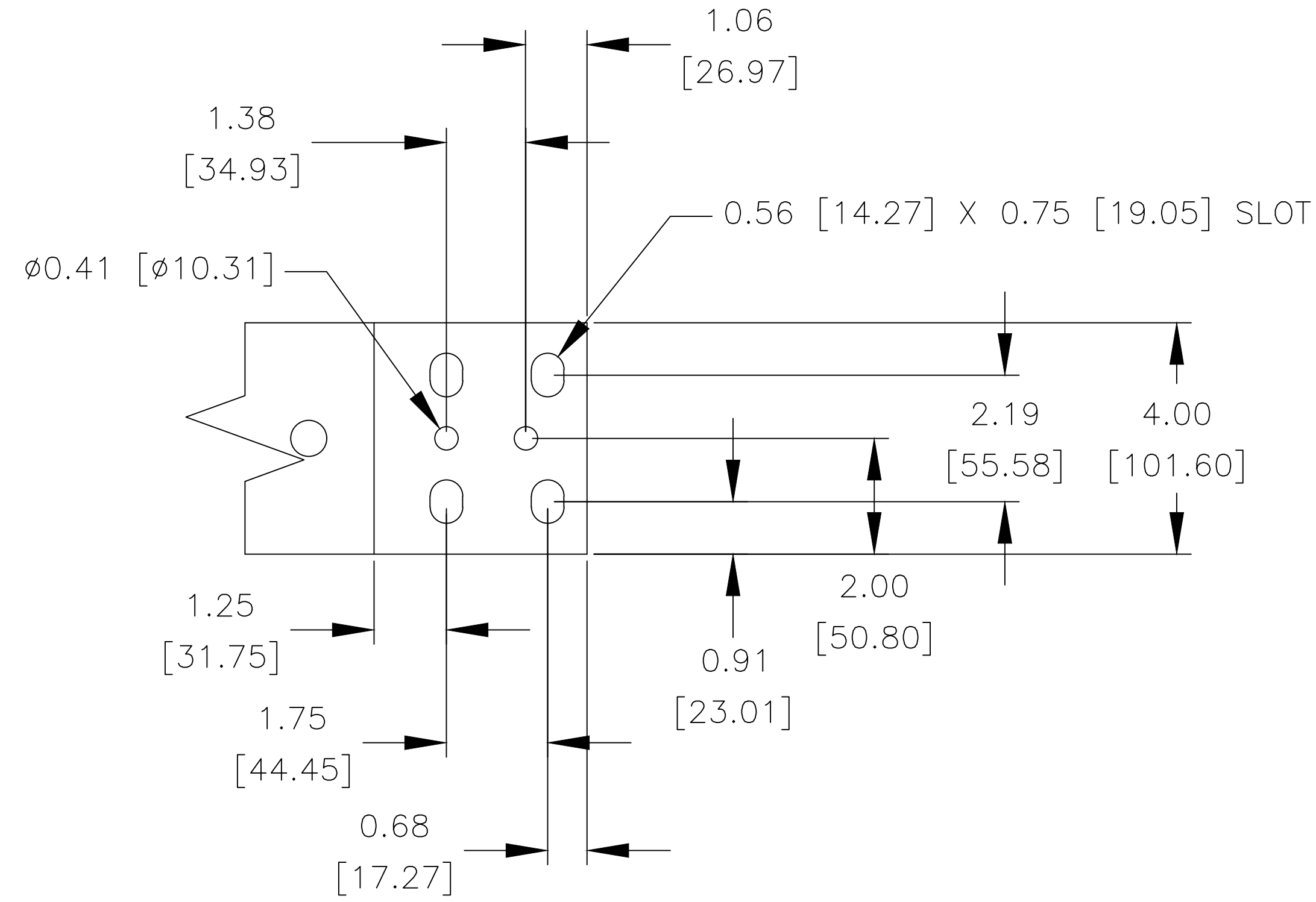
- USE 90°C MINIMUM CU/AL WIRE FOR POWER CABLES.
- WIRE SIZE TO BE BASED ON AMPACITY OF 75°C WIRE.
- USE 60°C MINIMUM CU WIRE FOR CONTROLS.

PROJECT NAME:		OUTLINE		MOUNTING	
GATS 1000A - 3000A, PROVISION FOR CRIMP LUG					
TYPE 1 91 X 38 X 60, 7000 SERIES TRANSFER SWITCH ONLY					
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	04-21-23				
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	RN			SCALE 3/32" = 1" SIZE DS	
FINAL APPROVAL	RN			DWG. NO. 725400	
	JPB			DRAWING REV. L	
	JPB			ECN NO. 308223	
				SHEET 2 OF 3	

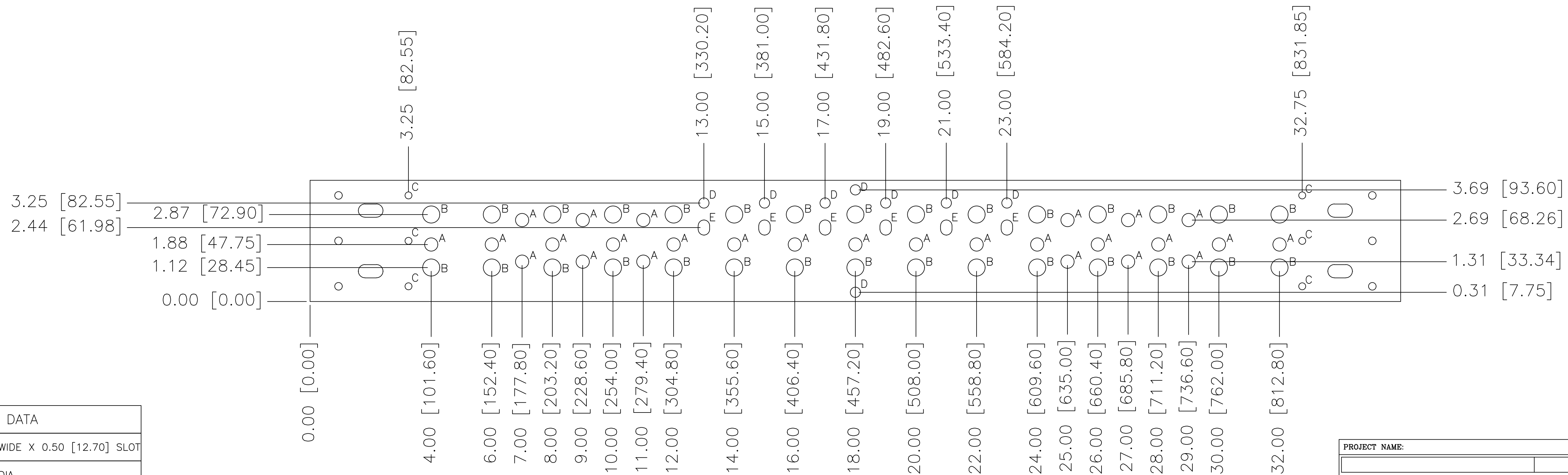
DIMENSION ARE IN INCHES [MILLIMETERS]

ASCO ASCO POWER TECHNOLOGIES, LP. FLORHAM PARK, NEW JERSEY 07932 U.S.A.

"SOURCE & LOAD TERMINATION DETAIL"



"GROUND TERMINATION DETAIL"



HOLE DATA	
E	0.375 [9.525] WIDE X 0.50 [12.70] SLOT
D	0.340 [8.636] DIA.
C	0.228 [5.791] DIA.
B	0.562 [14.275] DIA.
A	0.437 [11.099] DIA.

DIMENSION ARE IN INCHES [MILLIMETERS]

PROJECT NAME:		GATS 1000A-3000A	
TERMINATION DETAILS		COMPUTER GENERATED DRAWING	
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	04-21-23	PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.	SCALE 1/4" = 1" SIZE DS
CHECKED	RN	04-21-23	DWG. NO. 725400
PROJECT APPROVAL	RN	09-04-23	REV. L
FINAL APPROVAL	JPB	09-04-23	ECN NO. 308223

ASCO POWER TECHNOLOGIES, LP. FLORHAM PARK, NEW JERSEY 07932 U.S.A.

REV. L ECN NO. 308223 SHEET 3 OF 3