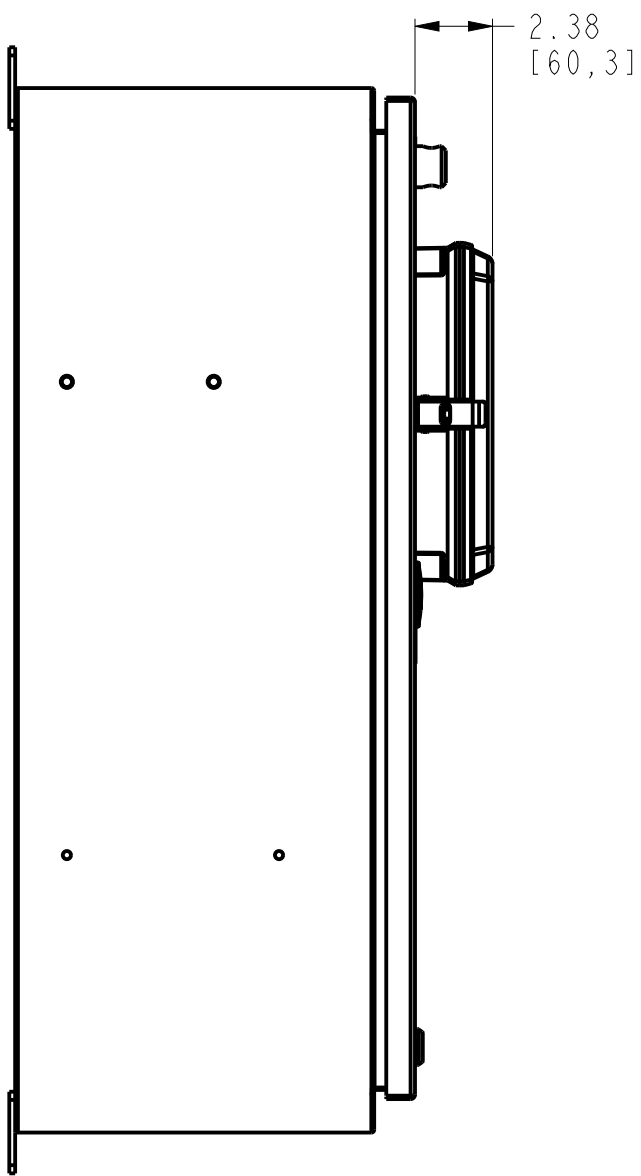
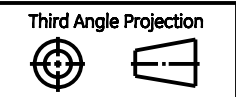
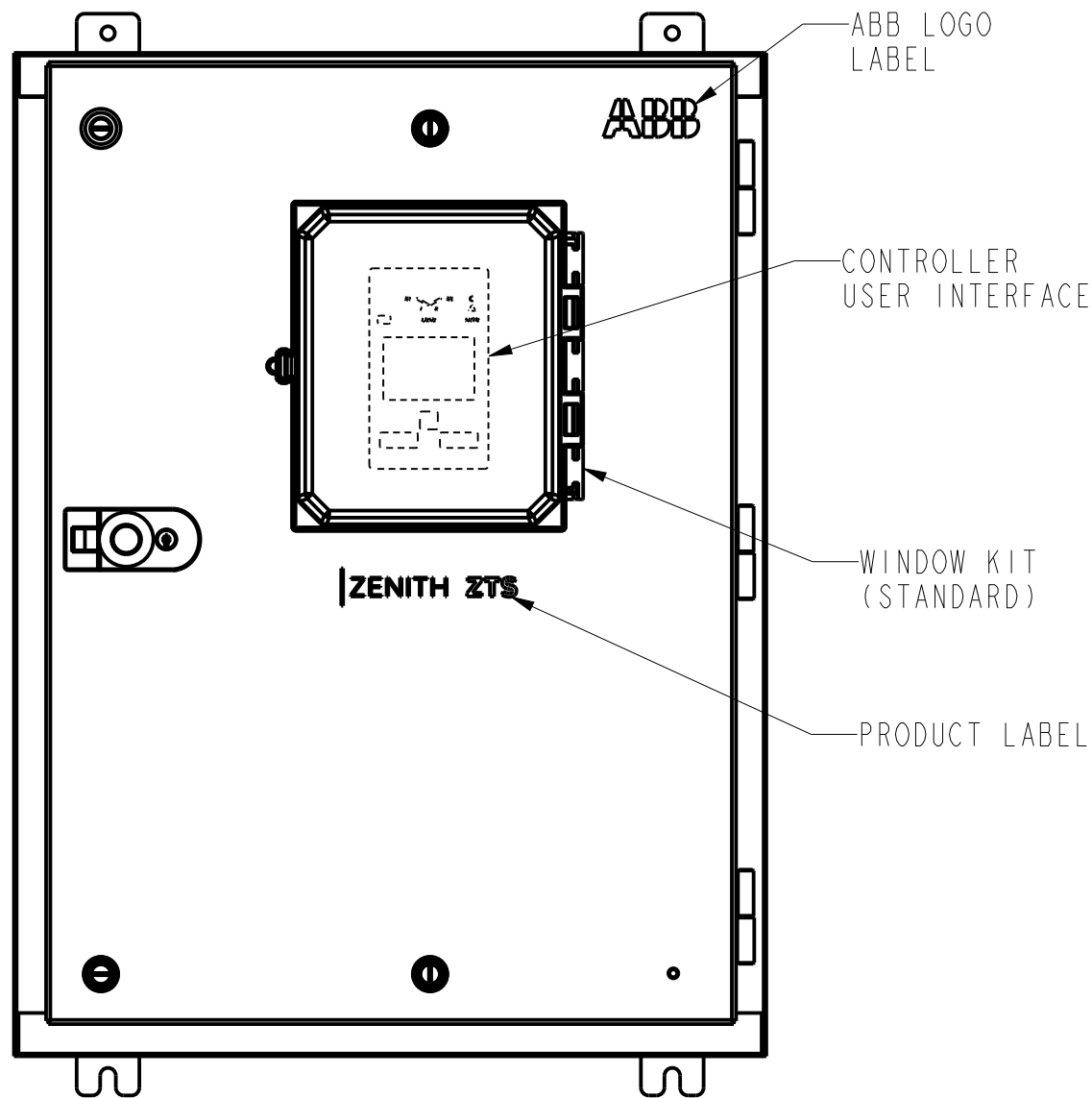


3D Model is the Master Document of Record
Asides or Material Must Conform to REACT Procedure 5900000 Sec.14
Asides or Material Must Conform to REACT Procedure 5900000 Sec.15
Part Must Conform to 3900000 Sec.4 Torque Procedure
Geometric Dimensioning & Tolerancing as per ASME Y14.5-2009

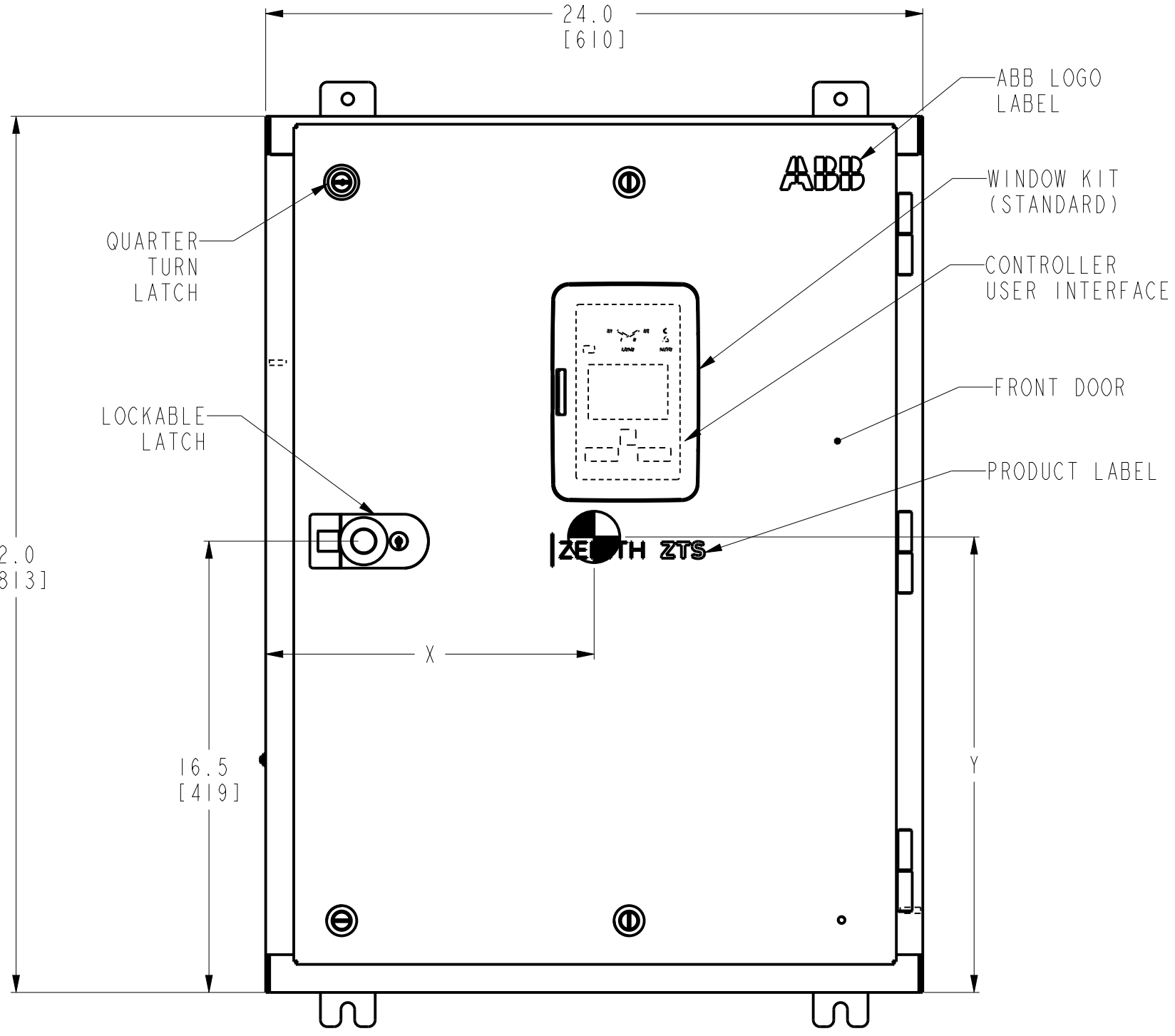
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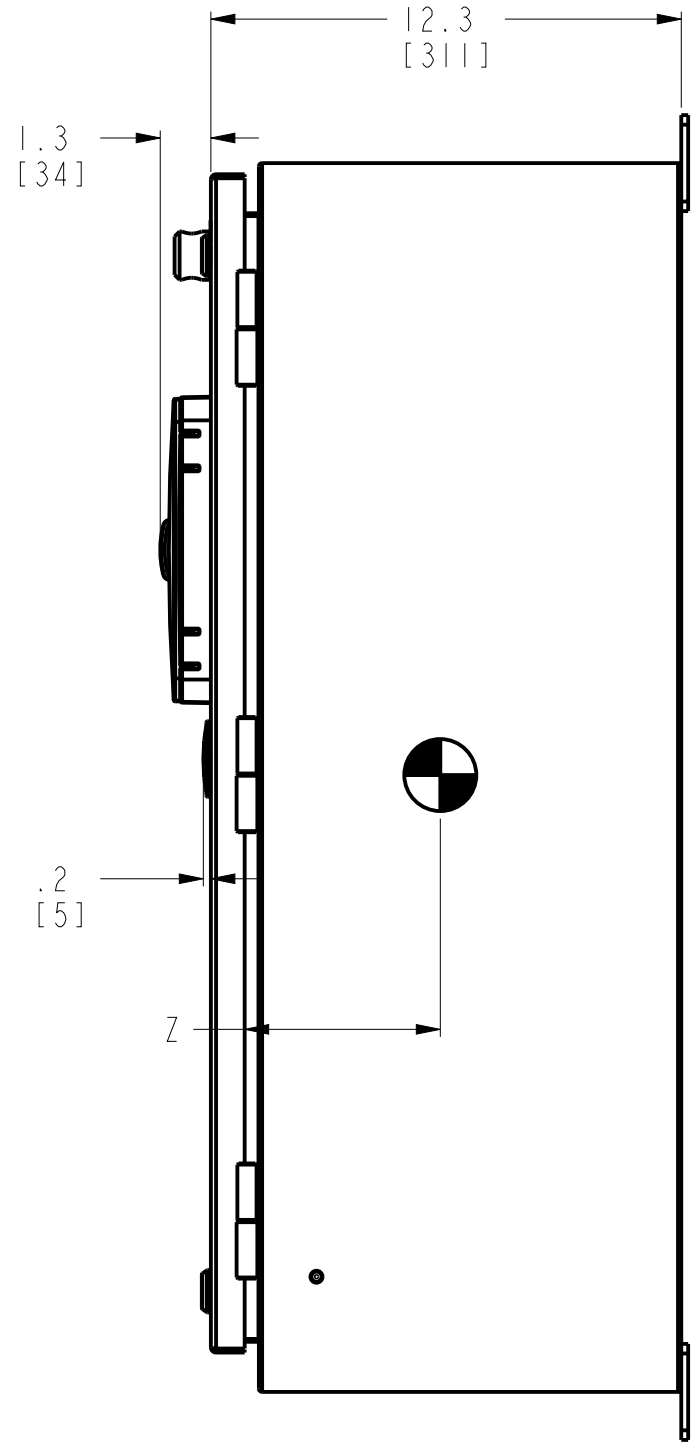
SIDE VIEW
4 AND 12



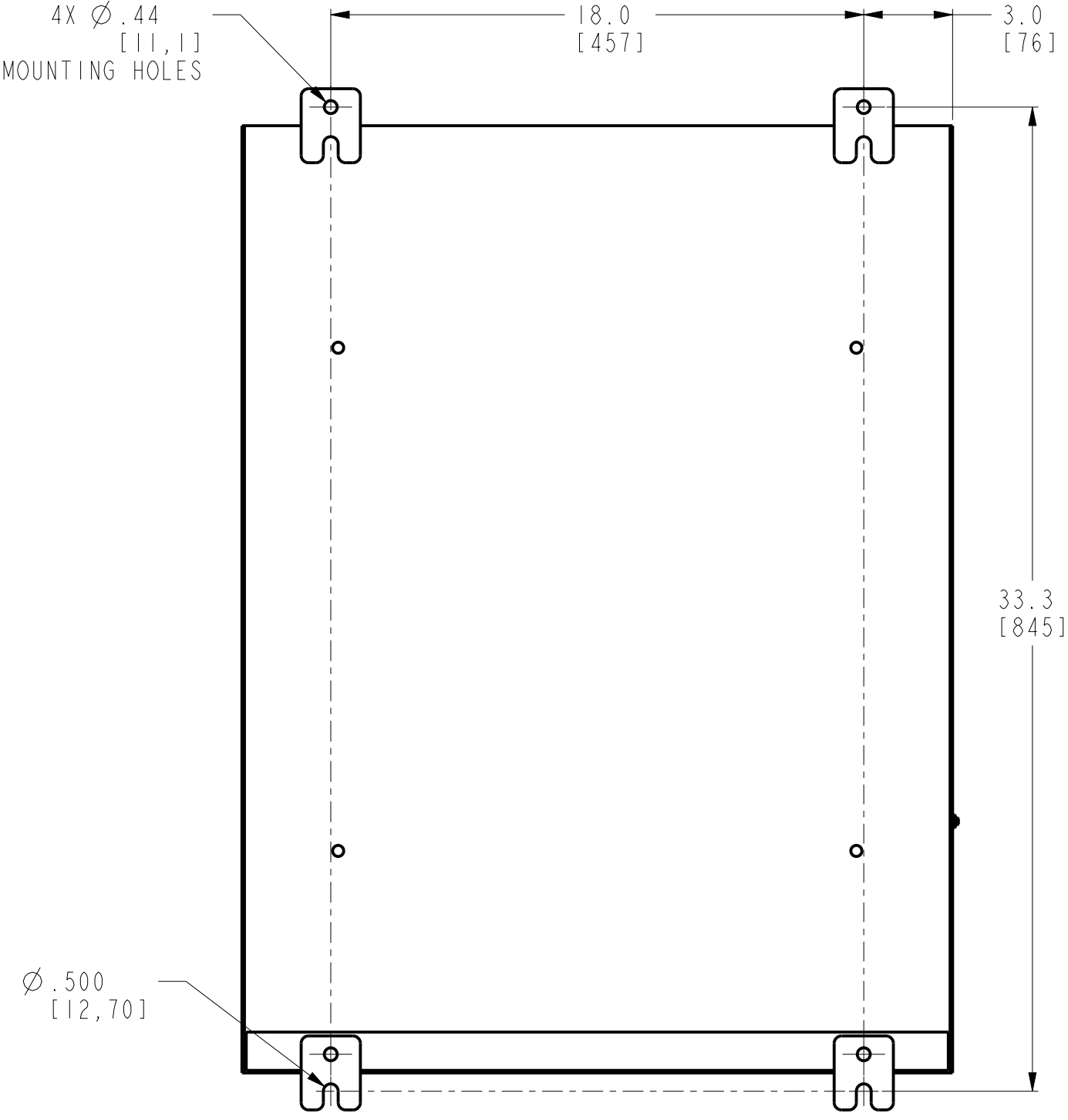
FRONT VIEW- 4 AND 12



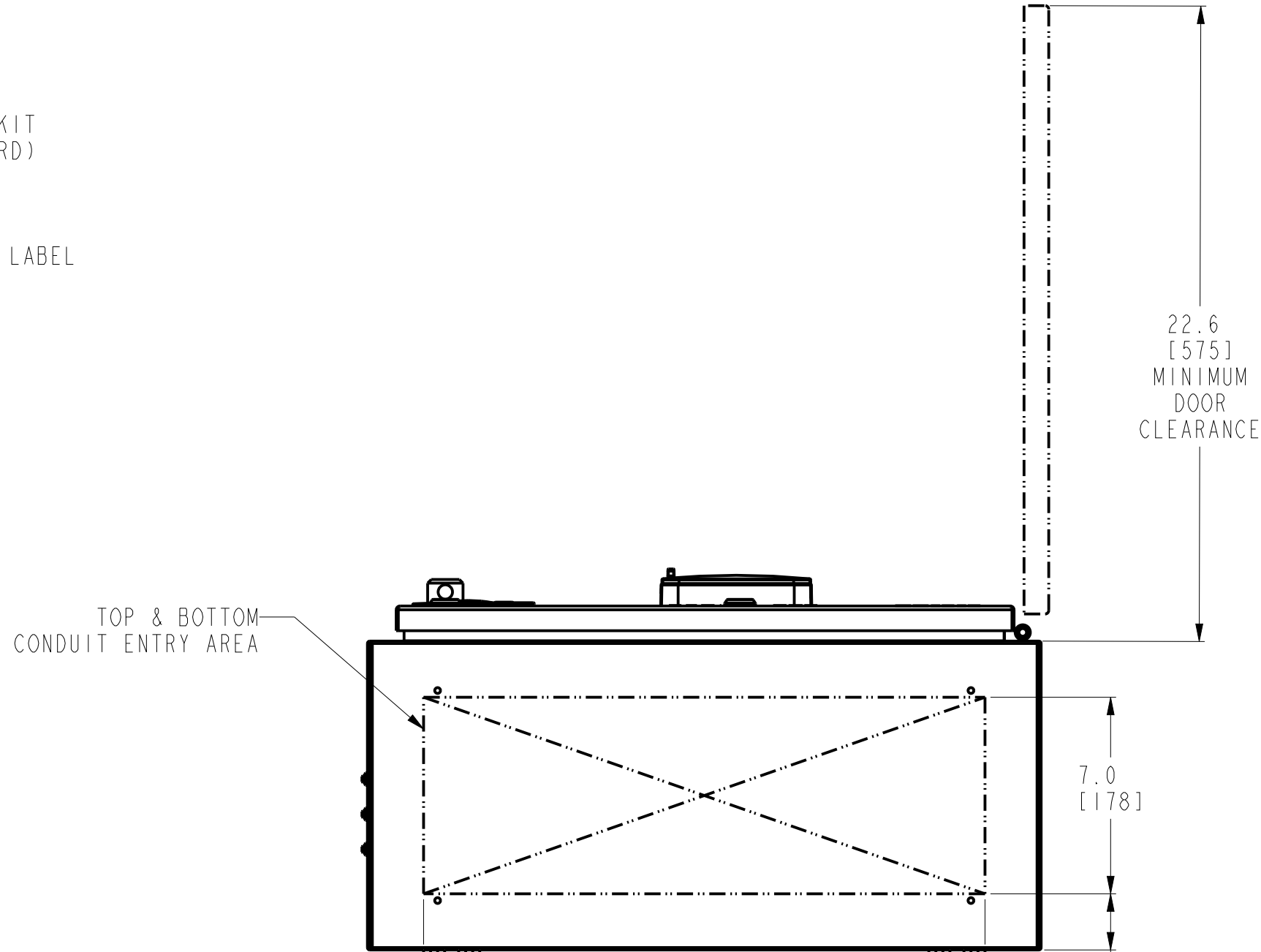
FRONT VIEW- 3R



SIDE VIEW



REAR VIEW



BOTTOM VIEW

- NOTES
1. ENCLOSURE : NEMA-3R,4,12 TYPE, WALL MOUNT.
 2. MATERIAL:14 GA (.0747) 1018 HRS REF.
 3. FINISH : ANSI 61 GREY
 4. CONSTRUCTION PER UL 1008 STANDARD.
 5. FRONT ACCESSIBLE UNIT. NO SIDE OR REAR ACCESS REQUIRED.
 6. SUITABLE WIRE BENDING SPACE PROVIDED PER THE SAFETY AGENCY STANDARDS.
 7. UL AND CSA RECOGNIZED/CERTIFIED MECHANICAL LUGS ARE STANDARD.
 8. UL AND CSA RECOGNIZED/CERTIFIED COMPRESSION LUGS ARE AVAILABLE AS OPTION.
 9. EQUIPMENT GROUND LUG IS PROVIDED IN ALL UNITS. REFER TO SHEET 2 FOR DETAILS.
 10. 100% RATED SOLID/SWITCHED NEUTRAL PROVIDED PER THE SWITCH CONFIGURATION.
 11. SUITABLE FOR TOP AND/OR BOTTOM CABLE ENTRY.
 12. SPD, METER, HEATER, ALARM (CTAP) OPTION REQUIRE LARGER CABINET.
 13. FOR CABLE CONNECTIONS TO MECHANICAL LUG, REFER O&M MANUAL FOR TORQUE DETAILS.
 14. FOR WORKING CLEARANCE REFER TO NATIONAL AND LOCAL CODES AND STANDARDS.

SEISMIC NOTES:

1. BOLT ENCLOSURES USING THE FOLLOWING SEISMIC CERTIFIED MOUNTING HARDWARE PER MOUNTING HOLE:
(HARDWARE PROVIDED BY INSTALLER).
*3/8-16 GRADE 5 BOLT TORQUE TO 31 FT-LBS. (42 NEWTON METERS).
*3/8 FLAT WASHER
*3/8 LOCK WASHER.
2. CENTER OF GRAVITY DIMENSIONS ARE FOR REFERENCE ONLY.

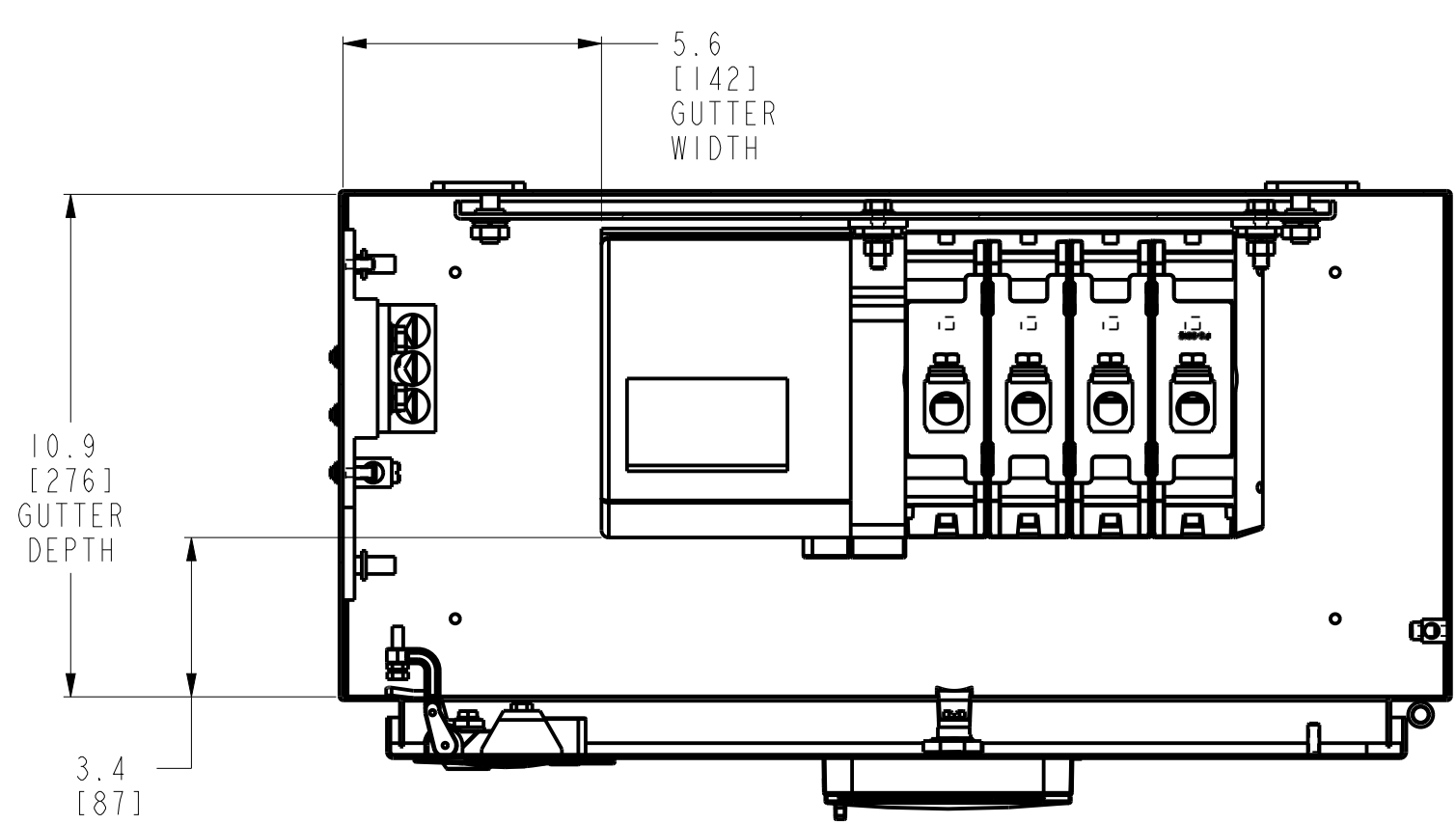
LUG ASSEMBLY	AMP	POLES	CONTROLLER TYPE	CABINET #	LUG RANGE
MECHANICAL LUG ASSEMBLY	30-60A	3	SEE TABLE A	F-201IMP	QTY 1 #12-2/0
		4			
	100-200A	3			QTY 1 4 AWG-300 KCMIL
		4			
COMPRESSION LUG ASSEMBLY	30A	3			QTY 1 #2
		4			
	60/100A	3			QTY 1 1/0
		4			
	125/160A	3			QTY 1 3/0
		4			
	200A	3			QTY 1 250MCM
		4			

TABLE A - HMI			
TYPE	TRANSITION	LEVEL	PART NO.
ZTS	OPEN	4	OXAM11-L4
ZTSD	DELAYED	4	OXBM11-L4

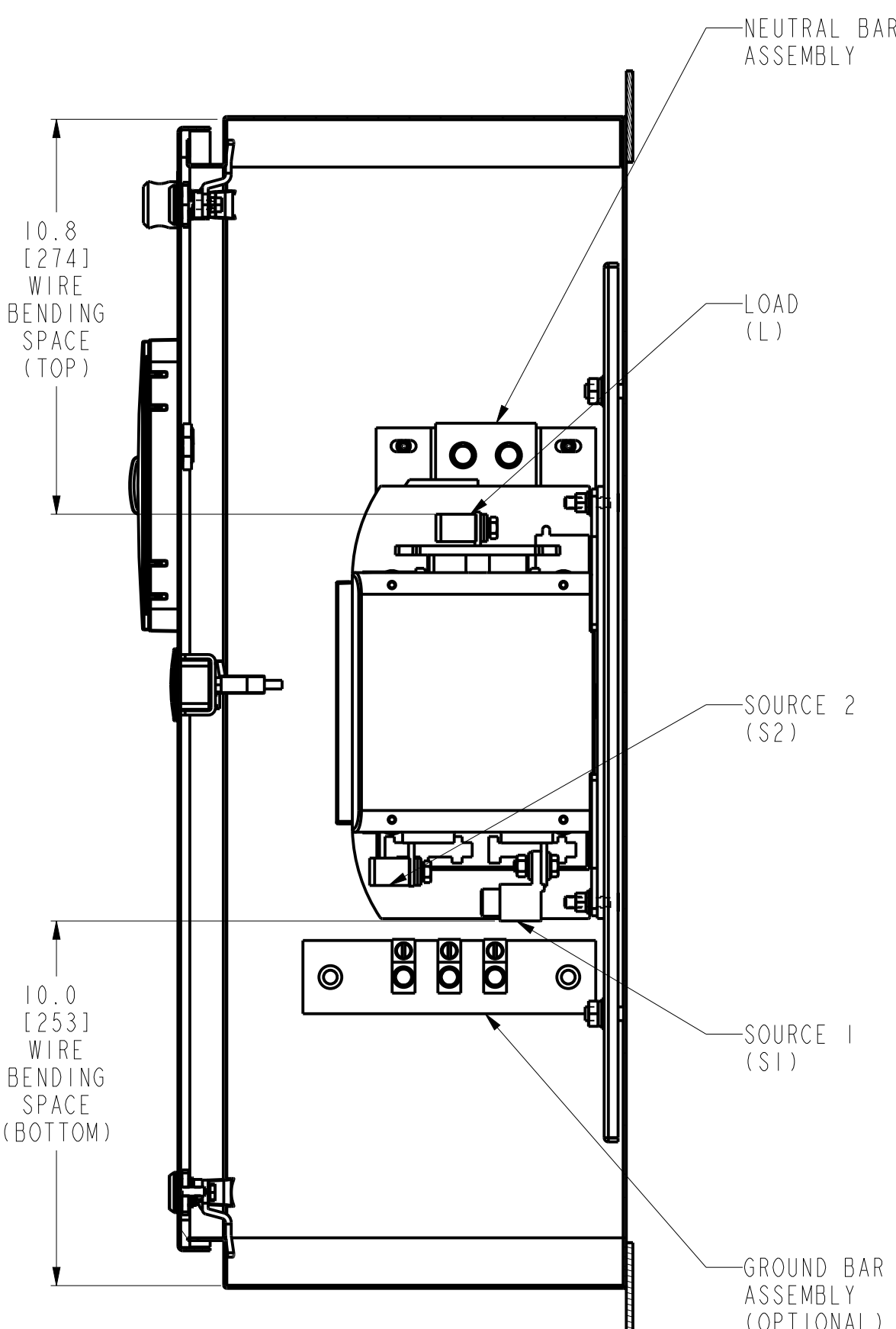
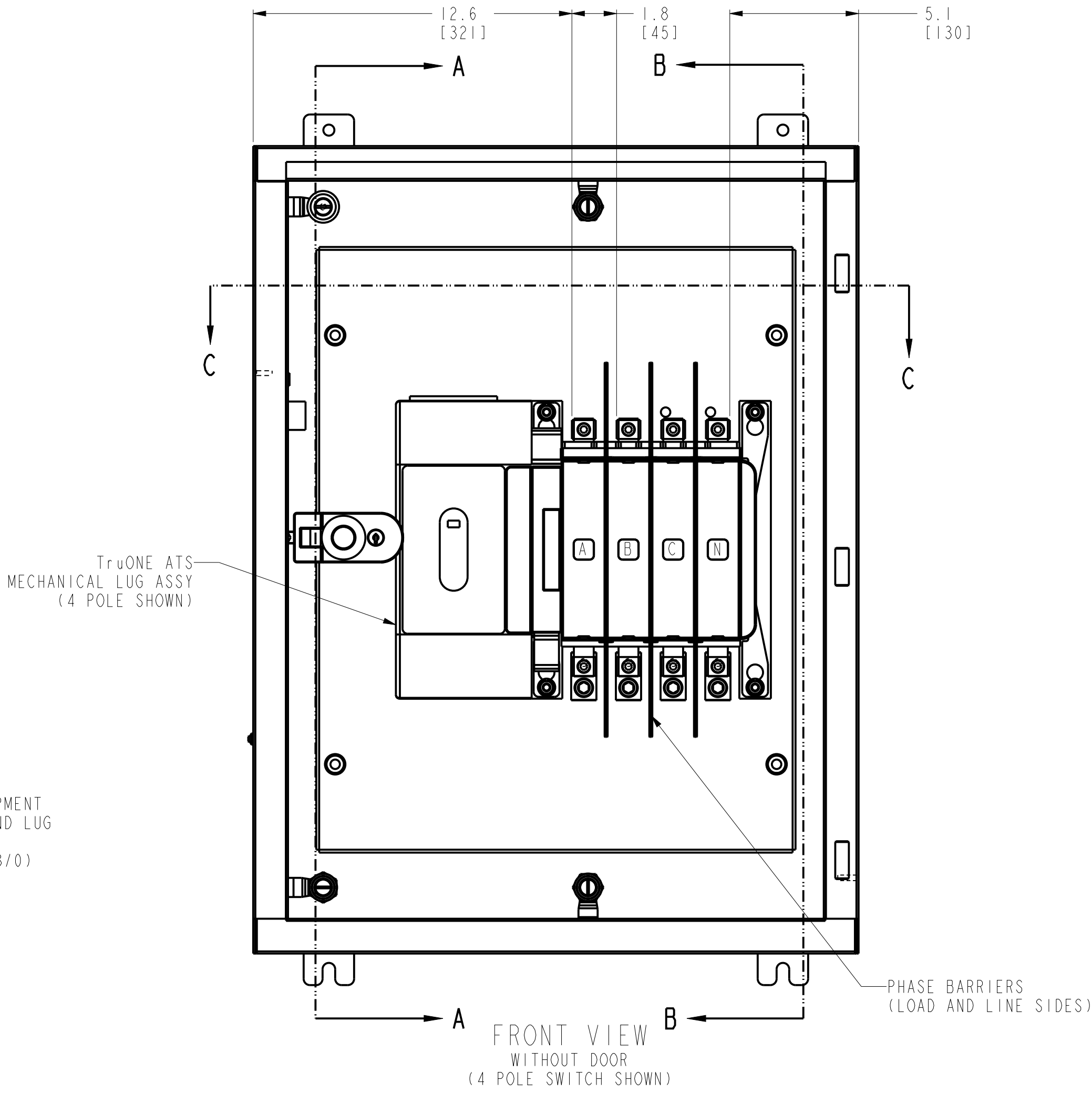
TABLE B				
POLE	WEIGHT	CENTER OF GRAVITY IN(MM)		
	LB(KG)	X	Y	Z
3	111(50)	11.4 (290)	15.9 (405)	5.9 (149)
4	116(53)			

		DRAWING FILE 50C-1077	MODEL FILE 50C-1077	ABB		
		DATE MODIFIED 02-Mar-21 08:15:38 AM	DESIGNED BY SK			
Calculated for:		CNR	APPROVED BY SR			
VOLUME 0.000 in^3	C108929 ⚠ Critical to Quality Characteristic		TITLE ZTS(D) 30A-200A, TYPE 3R,4,12			
MASS 0.000 lbm	MATERIAL SPECIFICATION		FINISH SPECIFICATION	UNITS in	LOCAL TITLE	
UNLESS OTHERWISE SPECIFIED	MATERIAL DESCRIPTION					
TOLERANCE ON: 1 PL DECHALS : 0.1 2 PL DECHALS : 0.02 3 PL DECHALS : 0.05 ANGLES : 10	FINISH DESCRIPTION		SCALE 9:100	ROOT NUMBER 50C-1077	REV 1	
			PRODUCT LINE ZENITH ZTS T-SERIES	RELEASE STATE Released		
					SHEET 1 of 3	

CABINET WITH MECHANICAL LUG ASSEMBLY
(AVAILABLE AS STANDARD)



SECTION C-C
TOP VIEW
WITHOUT TOP PANEL



SECTION B-B
RIGHT SIDE
WITHOUT SIDE PANEL

NOTE:
1. FOR SINGLE PHASE SWITCHED NEUTRAL(3-POLE) UNIT,THE NEUTRAL POLE WILL BE NEXT TO MECHANISM
AND PHASE A AND PHASE B POLES WILL BE NEXT TO NEUTRAL POLE

SECTION D-D
DOOR INSIDE VIEW

SECTION A-A
SCALE 1:4
LEFT SIDE
WITHOUT SIDE PANEL
FOR MECHANICAL LUG ASSY

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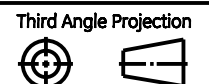
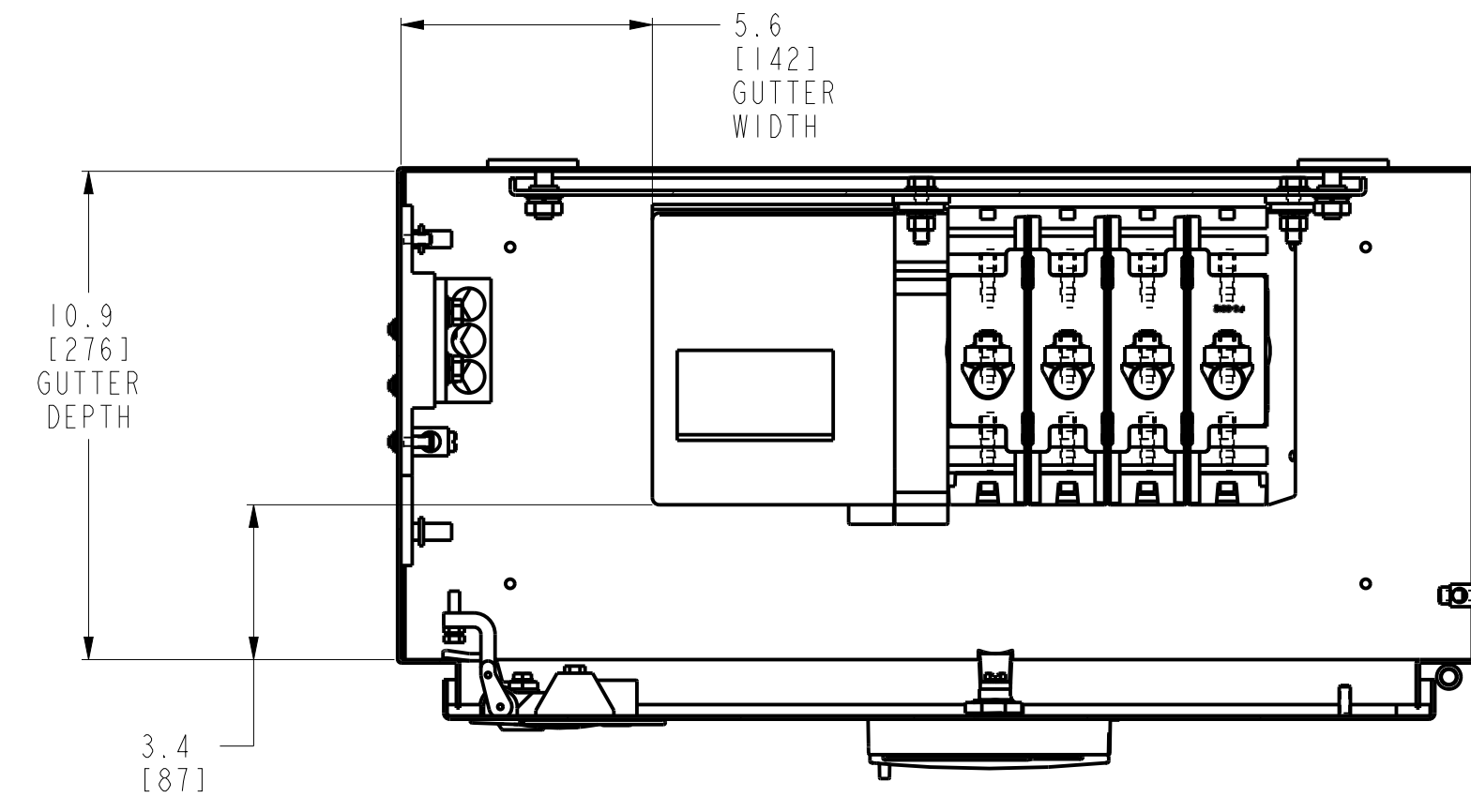


ABB			
SIZE D	NUMBER 50C-1077	REV 1	
SCALE 9:100	PRODUCT LINE ZENITH ZTS T-SERIES	SHEET 2 of 3	

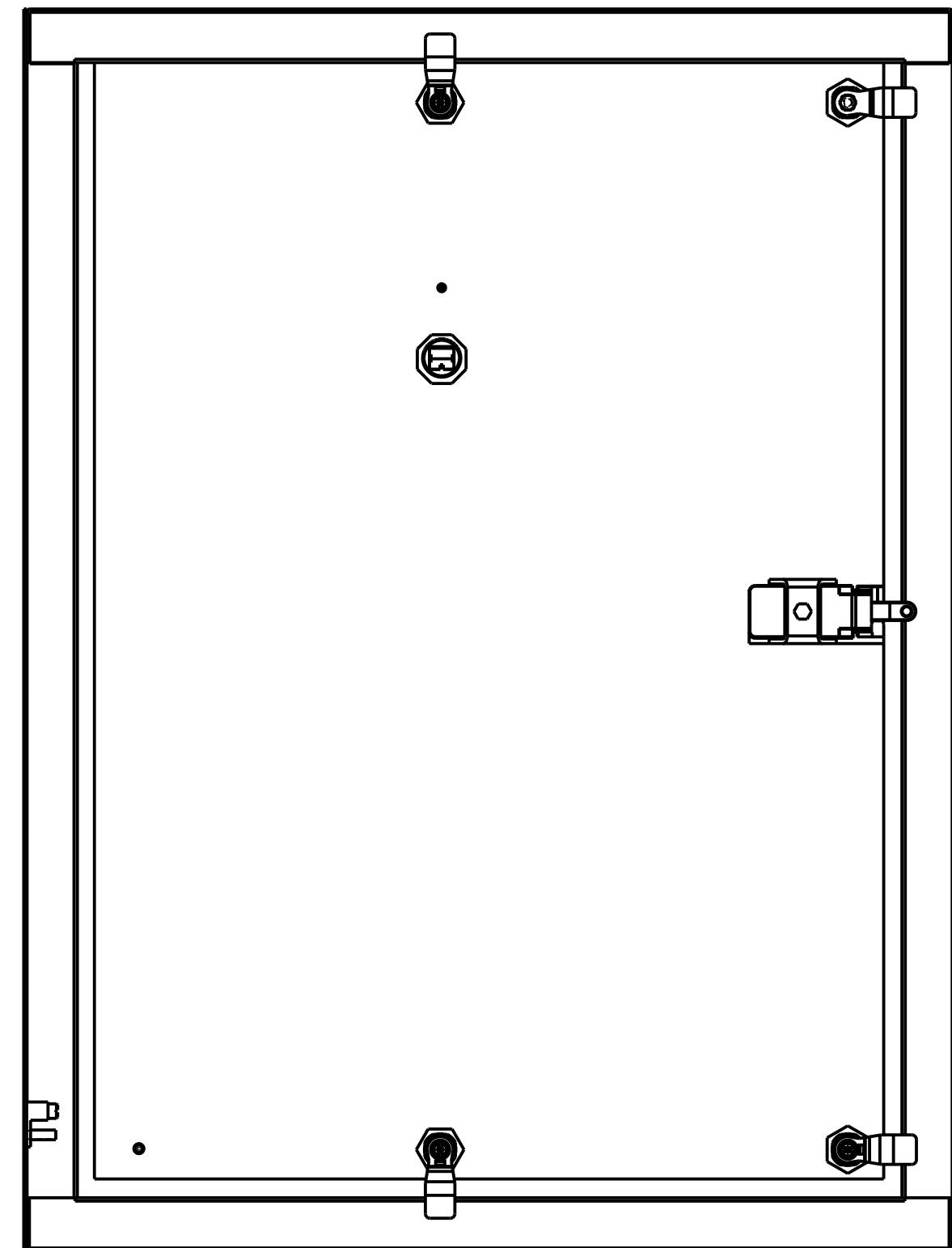
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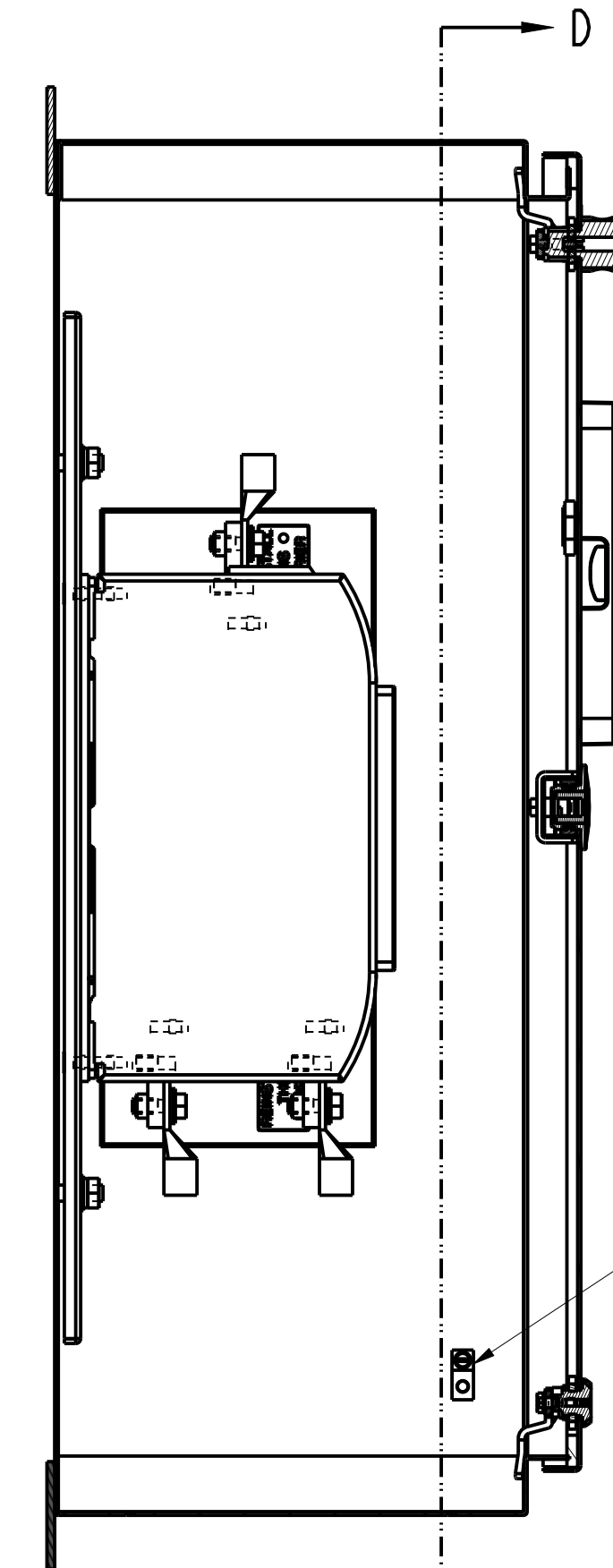
CABINET WITH COMPRESSION LUG ASSEMBLY
(AVAILABLE AS OPTION)



SECTION C-C
TOP VIEW
WITHOUT TOP PANEL



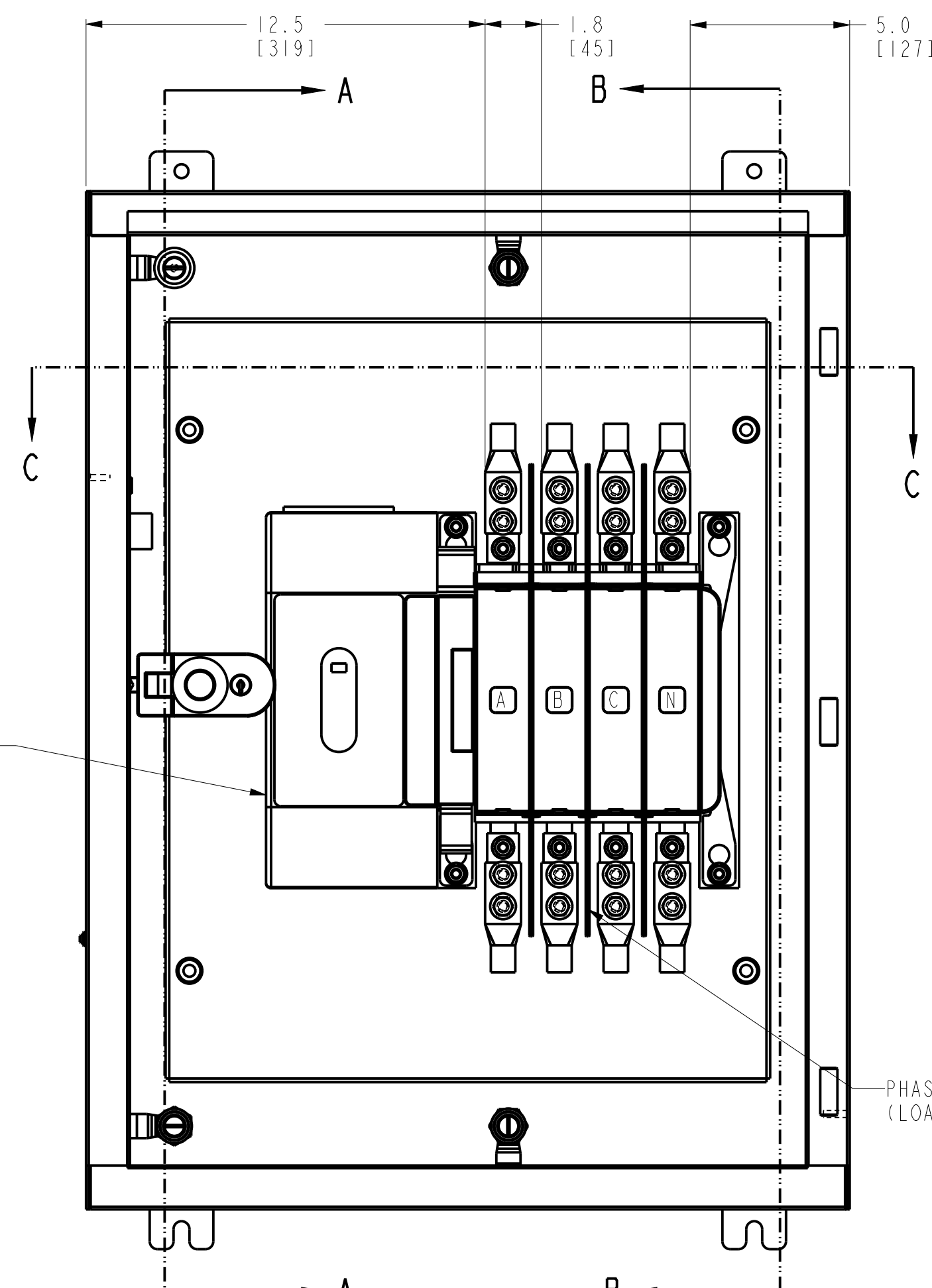
SECTION D-D
DOOR INSIDE VIEW



SECTION A-A
SCALE 1:4
LEFT SIDE
WITHOUT SIDE PANEL
FOR COMPRESSION LUG ASSY

TruONE ATS
COMPRESSION LUG ASSY
(4 POLE SHOWN)

EQUIPMENT
GROUND LUG
QTY-1
(#8-3/0)

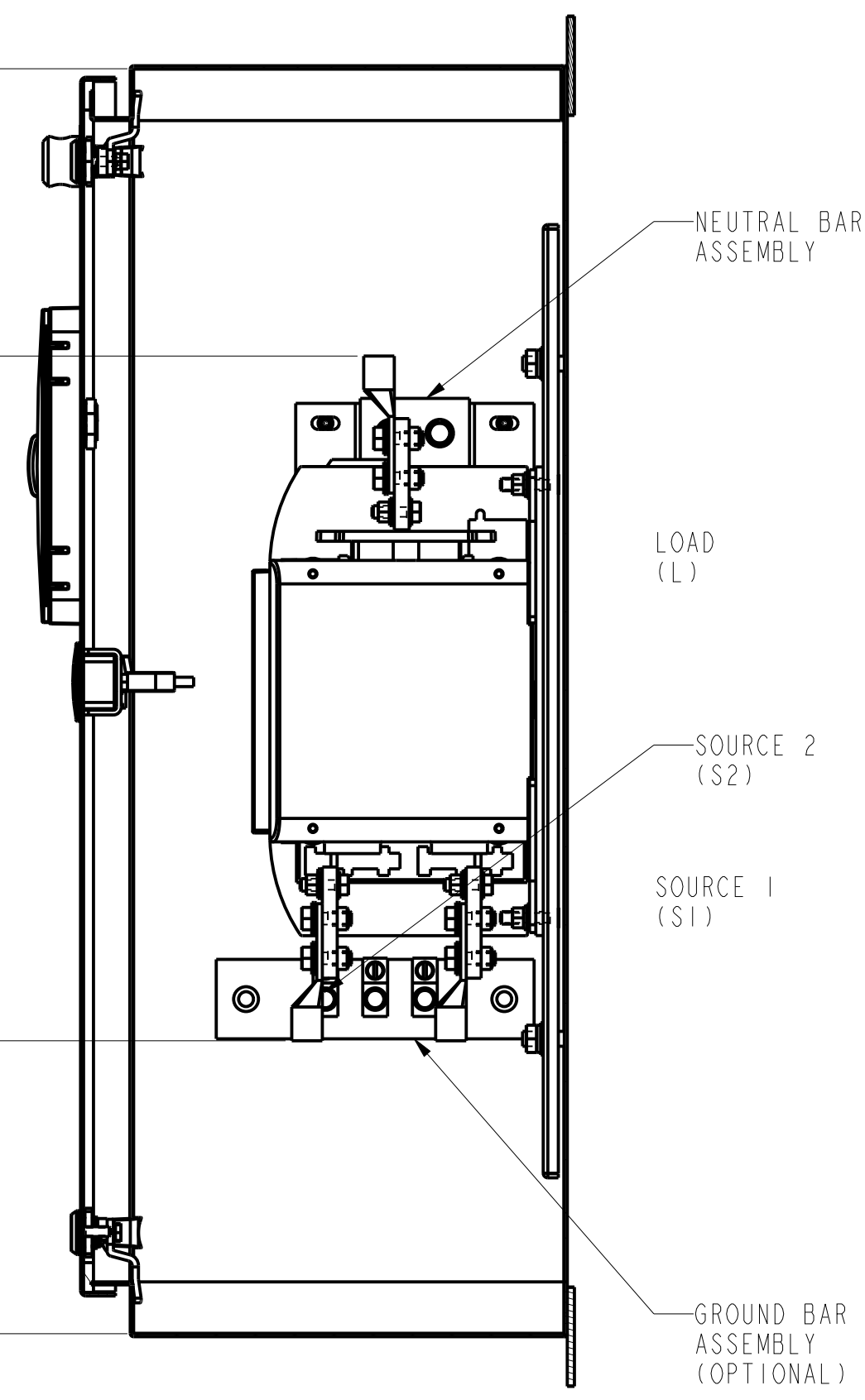


FRONT VIEW
WITHOUT DOOR
(4 POLE SWITCH SHOWN)

PHASE BARRIERS
(LOAD AND LINE SIDES)

7.2
[184]
WIRE
BENDING
SPACE
(TOP)

7.4
[187]
WIRE
BENDING
SPACE
(BOTTOM)



SECTION B-B
RIGHT SIDE
WITHOUT SIDE PANEL

NOTE:
1. FOR SINGLE PHASE SWITCHED NEUTRAL(3-POLE) UNIT,THE NEUTRAL POLE WILL BE NEXT TO MECHANISM
AND PHASE A AND PHASE B POLES WILL BE NEXT TO NEUTRAL POLE

ABB			
SIZE D	NUMBER 50C-1077	REV 1	
SCALE 9:100	PRODUCT LINE ZENITH ZTS T-SERIES	SHEET 3 of 3	