

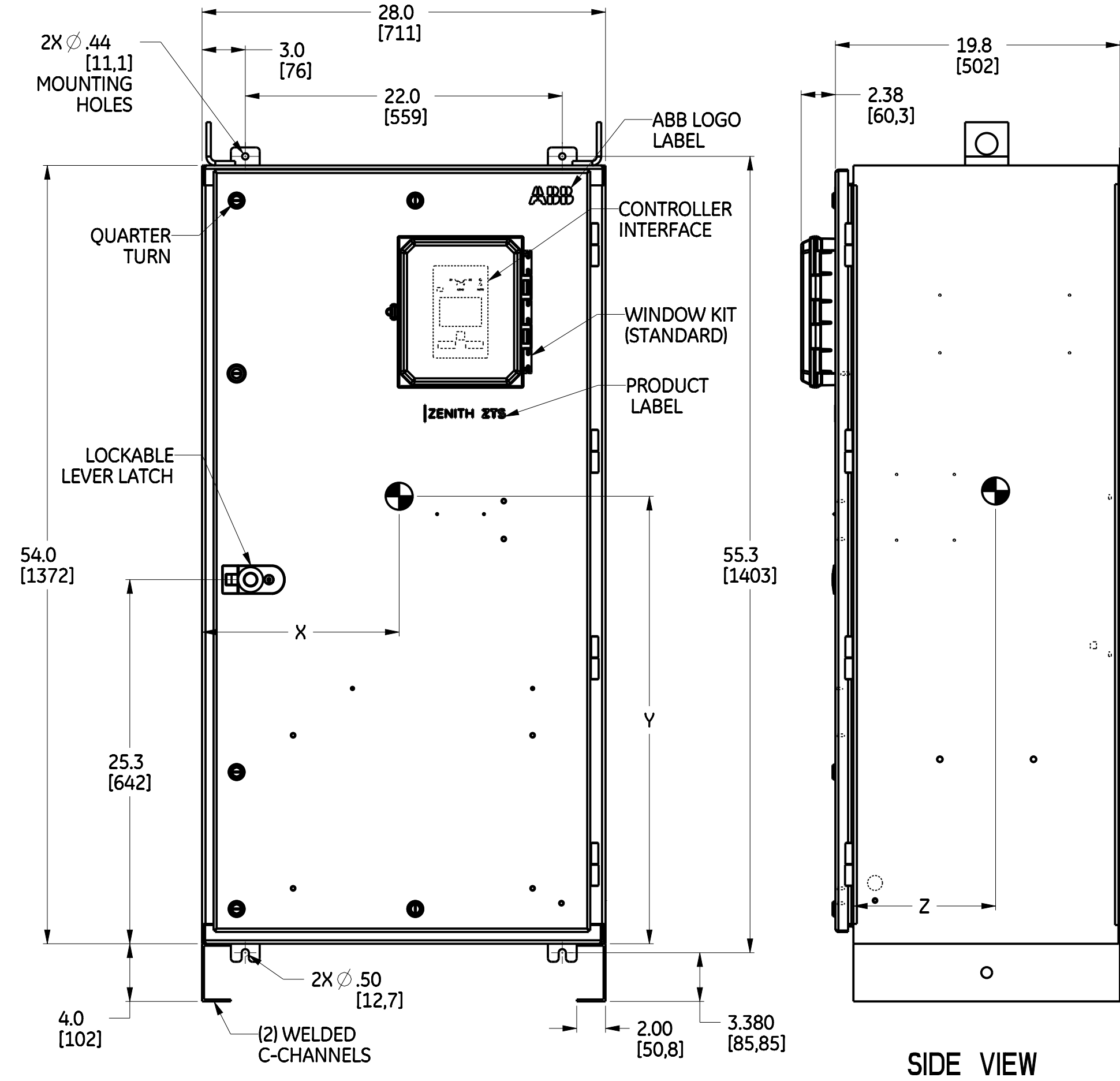
3D Model is the Master Document of Record
Addis or Material Must Conform to REACT Procedure 5900000 Sec.14
Part Must Conform to 5900000 Sec.4 Torque Procedure
Geometric Dimensioning & Tolerancing as per ASME Y14.5-2009

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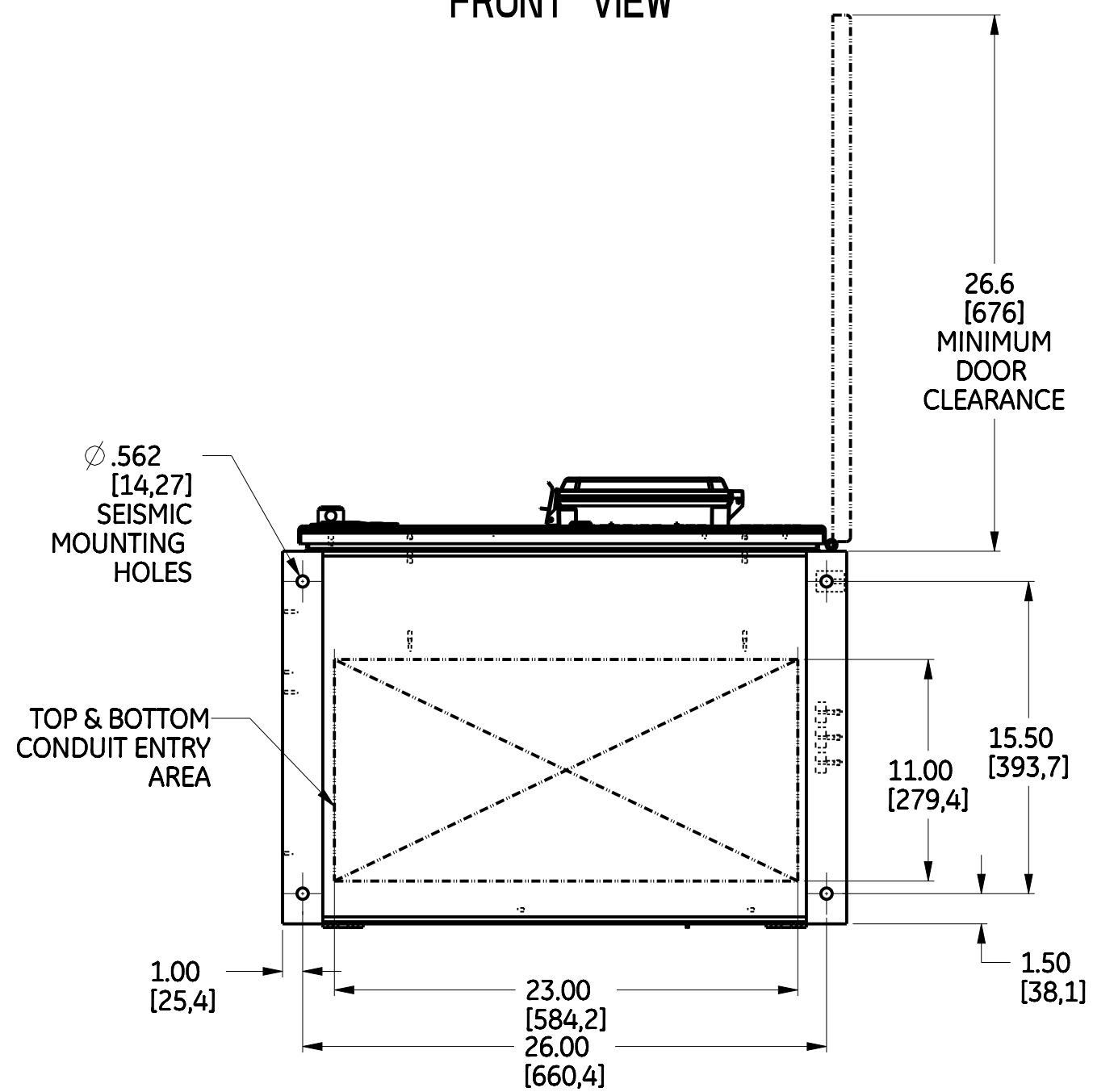
us_3rd.dfm

4 POLE - 400A
FLOOR MOUNT UNIT
SEE SHEET 3 & 5 FOR INSIDE DETAILS



FRONT VIEW

SIDE VIEW



BOTTOM VIEW

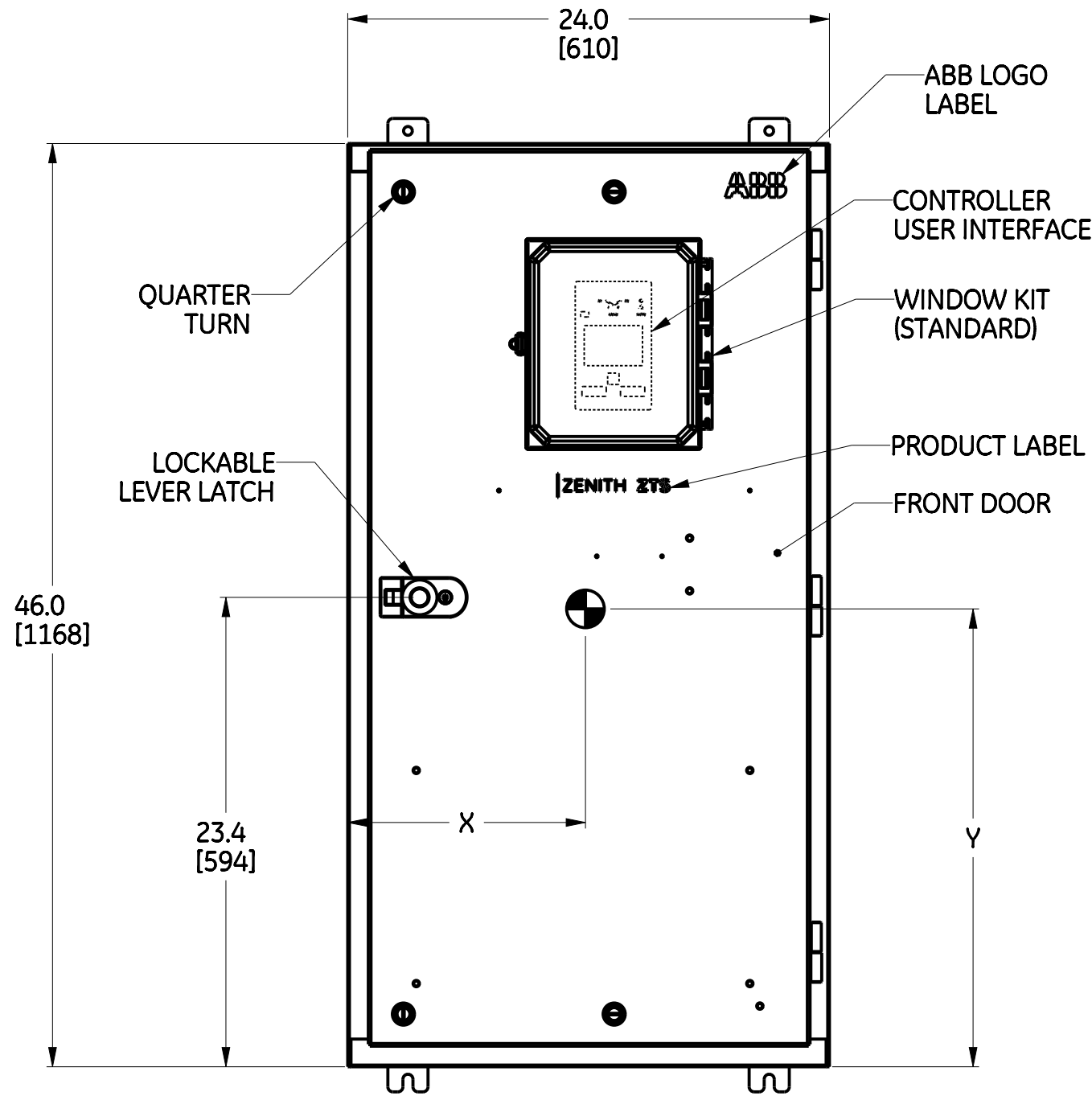
- NOTES
- ENCLOSURE : NEMA 4X TYPE, FREE STANDING, FLOOR MOUNT.
 - MATERIAL:12 GA (.1045) 304 SS REF.
 - FINISH : ANSI 61 GREY

- NOTES
- ENCLOSURE : NEMA 4X TYPE, WALL MOUNT.
 - MATERIAL:14 GA (.0747) 304 SS REF.
 - FINISH : ANSI 61 GREY

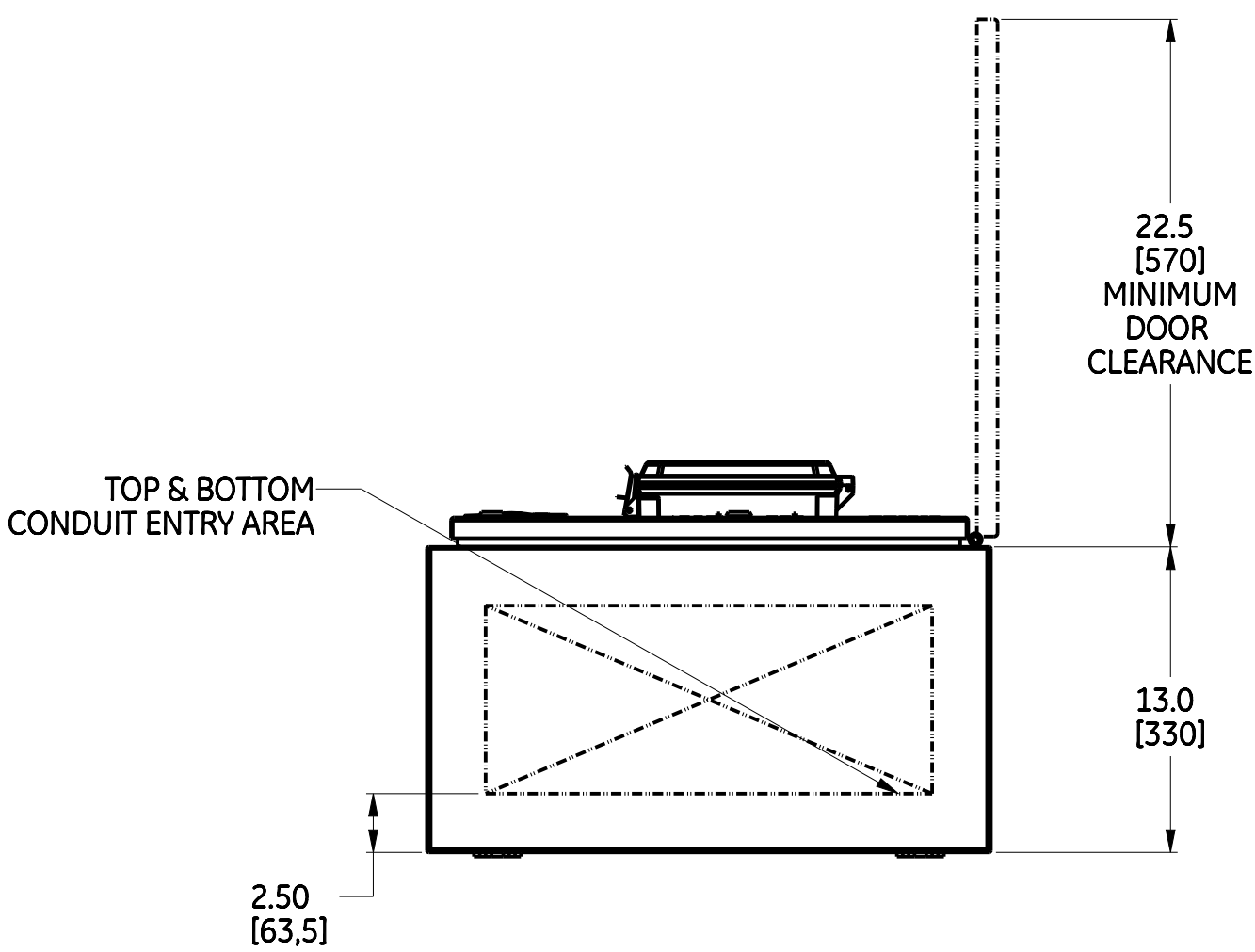
GENERAL NOTES:

- CONSTRUCTION PER UL 1008 STANDARD.
- FRONT ACCESSIBLE UNIT. NO SIDE OR REAR ACCESS REQUIRED.
- SUITABLE WIRE BENDING SPACE PROVIDED PER THE SAFETY AGENCY STANDARDS.
- UL AND CSA RECOGNIZED/CERTIFIED MECHANICAL LUGS ARE STANDARD.
- UL AND CSA RECOGNIZED/CERTIFIED COMPRESSION LUGS ARE AVAILABLE AS OPTION.
- EQUIPMENT GROUND LUG IS PROVIDED IN ALL UNITS. SEE SHEETS 2-5 FOR DETAILS.
- ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SHOWN IN INCHES(MILLIMETERS).
- 100% RATED SOLID/SWITCHED NEUTRAL PROVIDED PER THE SWITCH CONFIGURATION.
- SUITABLE FOR TOP AND/OR BOTTOM CABLE ENTRY.
- FOR CABLE CONNECTIONS TO MECHANICAL LUG, REFER O&M MANUAL FOR TORQUE DETAILS
- FOR WORKING CLEARANCE REFER TO NATIONAL AND LOCAL CODES AND STANDARDS.

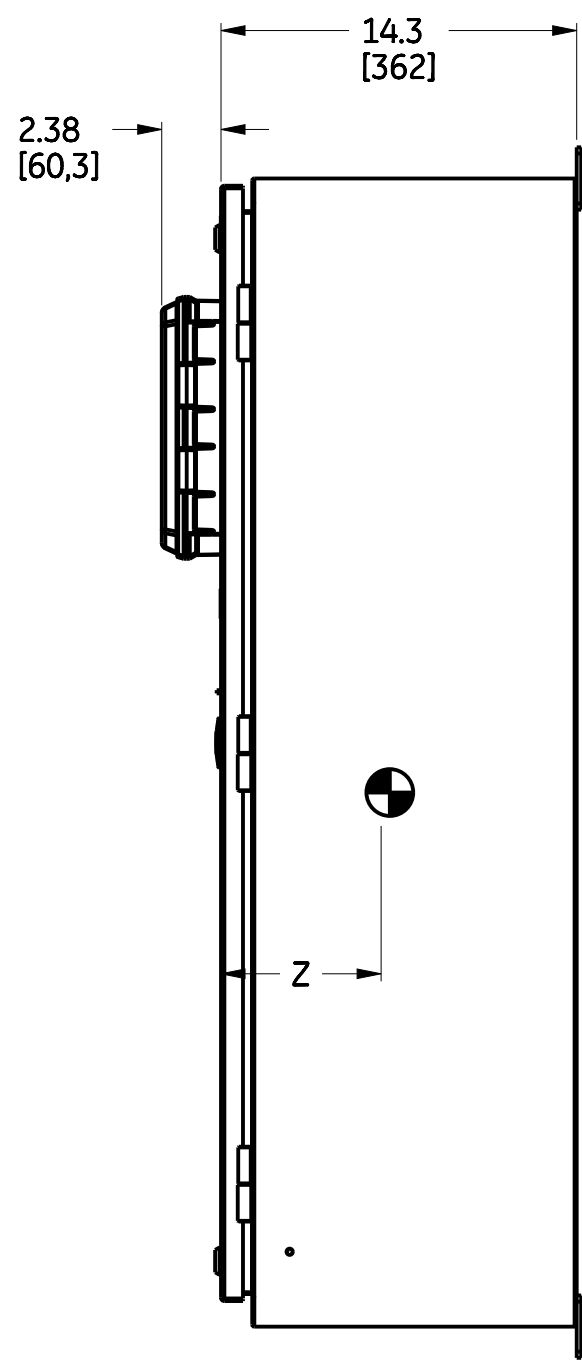
3 POLE - 400A
3 & 4 POLE - 260A
WALL MOUNT UNIT
SEE SHEET 2 & 4 FOR INSIDE DETAILS



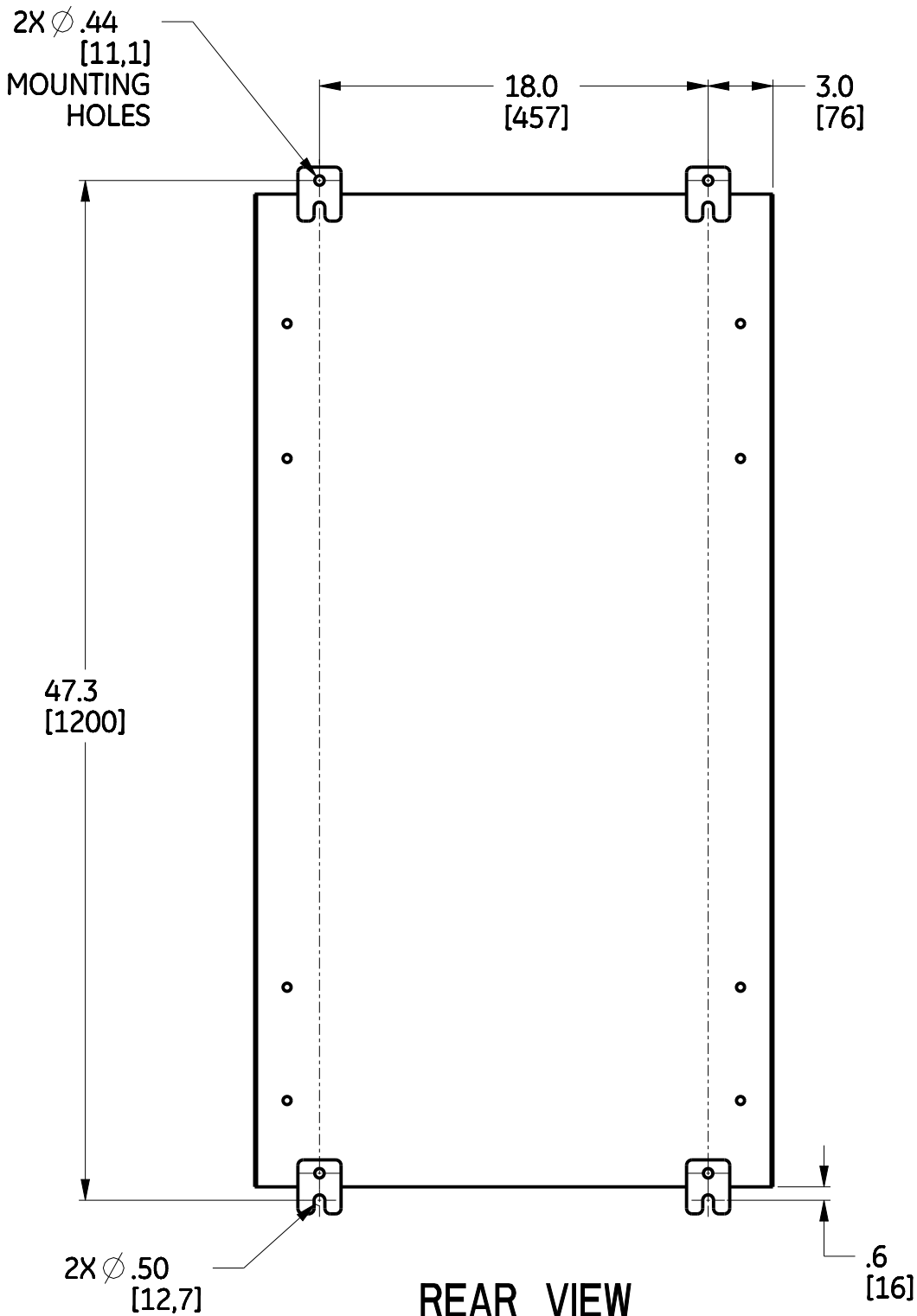
FRONT VIEW



BOTTOM VIEW



SIDE VIEW



REAR VIEW

LUG ASSEMBLY	AMP	POLE	CONTROLLER TYPE	CABINET #	LUG RANGE	WEIGHT	CENTER OF GRAVITY IN(MM)		
						LB(KG)	X	Y	Z
MECHANICAL LUGS	260A	3	SEE TABLE A	F-2013MPX	QTY 2 250 KCMIL-1/0 (OR)	154(70)	11.5 (292)	23.0 (584)	7.5 (190)
		4				161(73)			
	400A	3			QTY 1 600 KCMIL-#4	163(74)			
		4				296(134)			
COMPRESSION LUGS	260A	3		F-2013MPX	QTY 1 350 KCMIL	154(70)	11.5 (292)	23.0 (584)	7.5 (190)
		4				161(73)			
	400A	3			QTY 1 500 KCMIL	163(74)			
		4				296(134)			

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

SEISMIC NOTES:

- BOLT ENCLOSURES USING THE FOLLOWING SEISMIC CERTIFIED MOUNTING HARDWARE PER MOUNTING HOLE: (HARDWARE PROVIDED BY INSTALLER).
 - *1/2-13 GRADE 5 BOLT TORQUE TO 75 FT-LBS. (102 NEWTON METERS).
 - *1/2-13 STANDARD FLAT WASHER.
 - *1/2 (13) HELICAL SPRING LOCK WASHER.
- CENTER OF GRAVITY DIMENSIONS ARE FOR REFERENCE ONLY.

		DRAWING FILE 50C-1081	MODEL FILE 50C-1081	ABB		
		DATE MODIFIED 01-Apr-21 10:10:15 AM	DESIGNED BY SK			
Calculated for: VOLUME 0.000 in³		CNR C108929 ⚠ Critical to Quality Characteristic	APPROVED BY SR			
MASS 0.000 lbm		MATERIAL SPECIFICATION ----	FINISH SPECIFICATION ----	UNITS in	LOCAL TITLE ----	
UNLESS OTHERWISE SPECIFIED		MATERIAL DESCRIPTION ----		SIZE D	ROOT NUMBER 50C-1081	REV 1
TOLERANCE ON: 1 PL DECIMALS : ± 0.1 2 PL DECIMALS : ± 0.02 3 PL DECIMALS : ± 0.005 ANGLES : 1.0		FINISH DESCRIPTION ----		SCALE 1:5	PRODUCT LINE ZENITH ZTS T-SERIES	RELEASE STATE Released
						SHEET 1 of 5

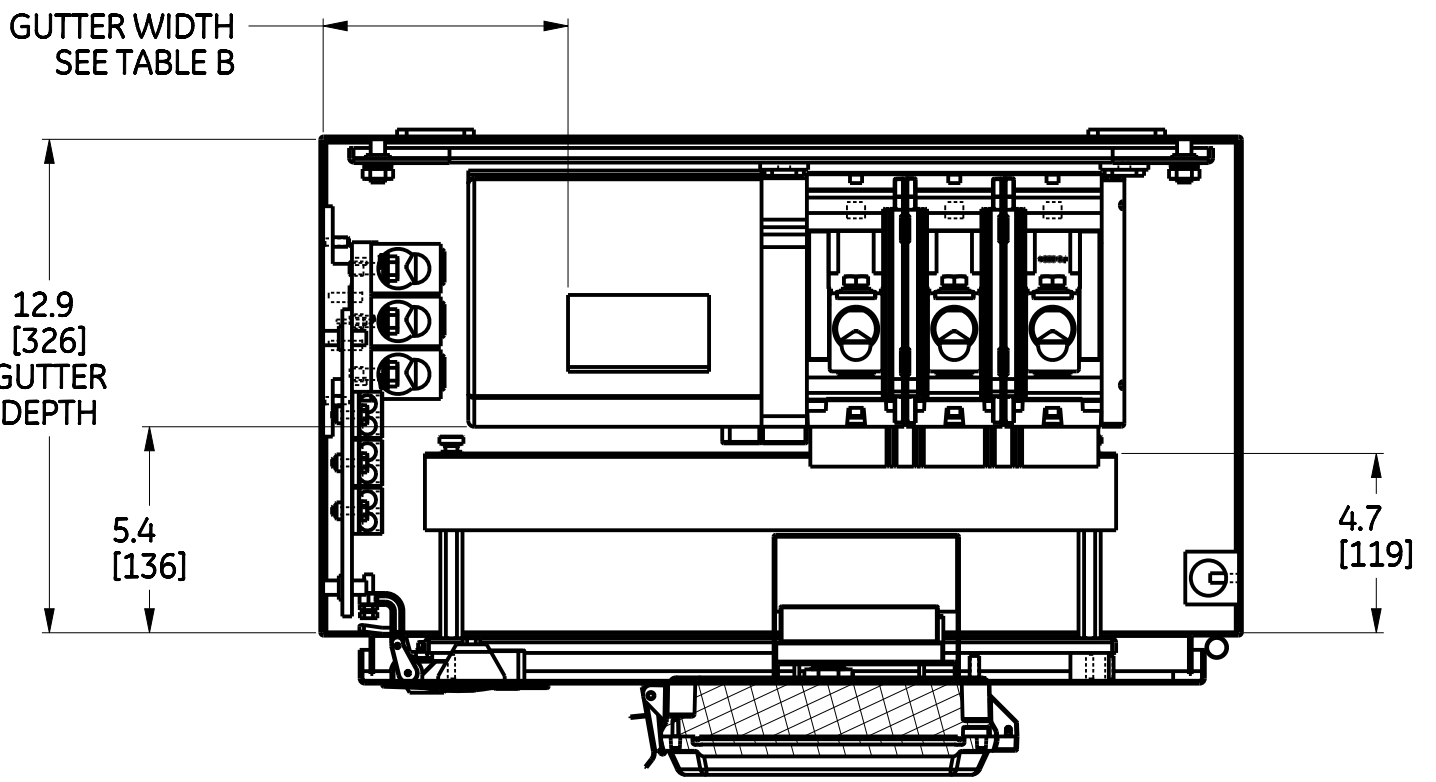
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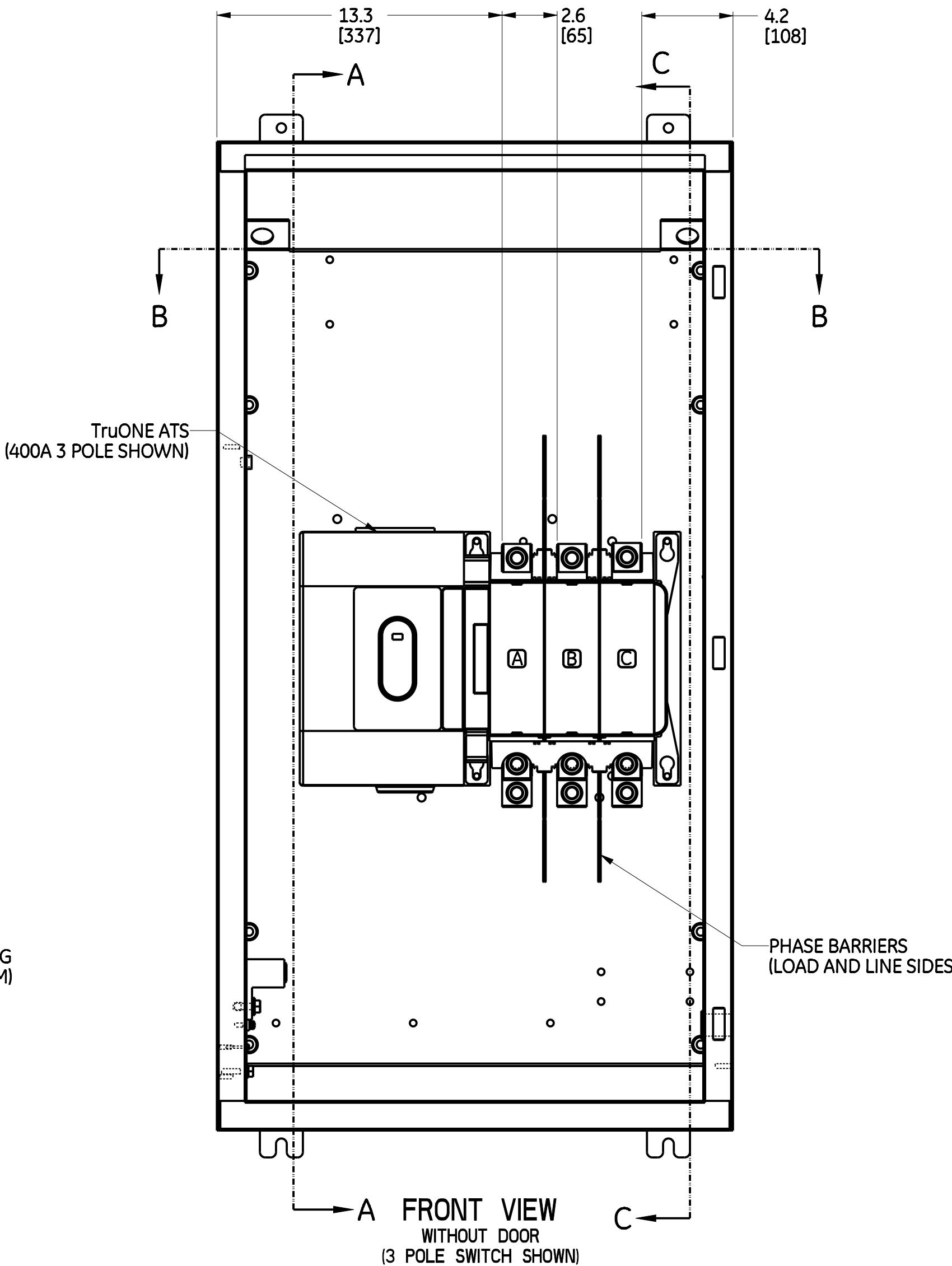
CABINET WITH MECHANICAL LUG ASSY
(AVAILABLE AS STANDARD)

3 POLE - 400A
3 & 4 POLE - 260A

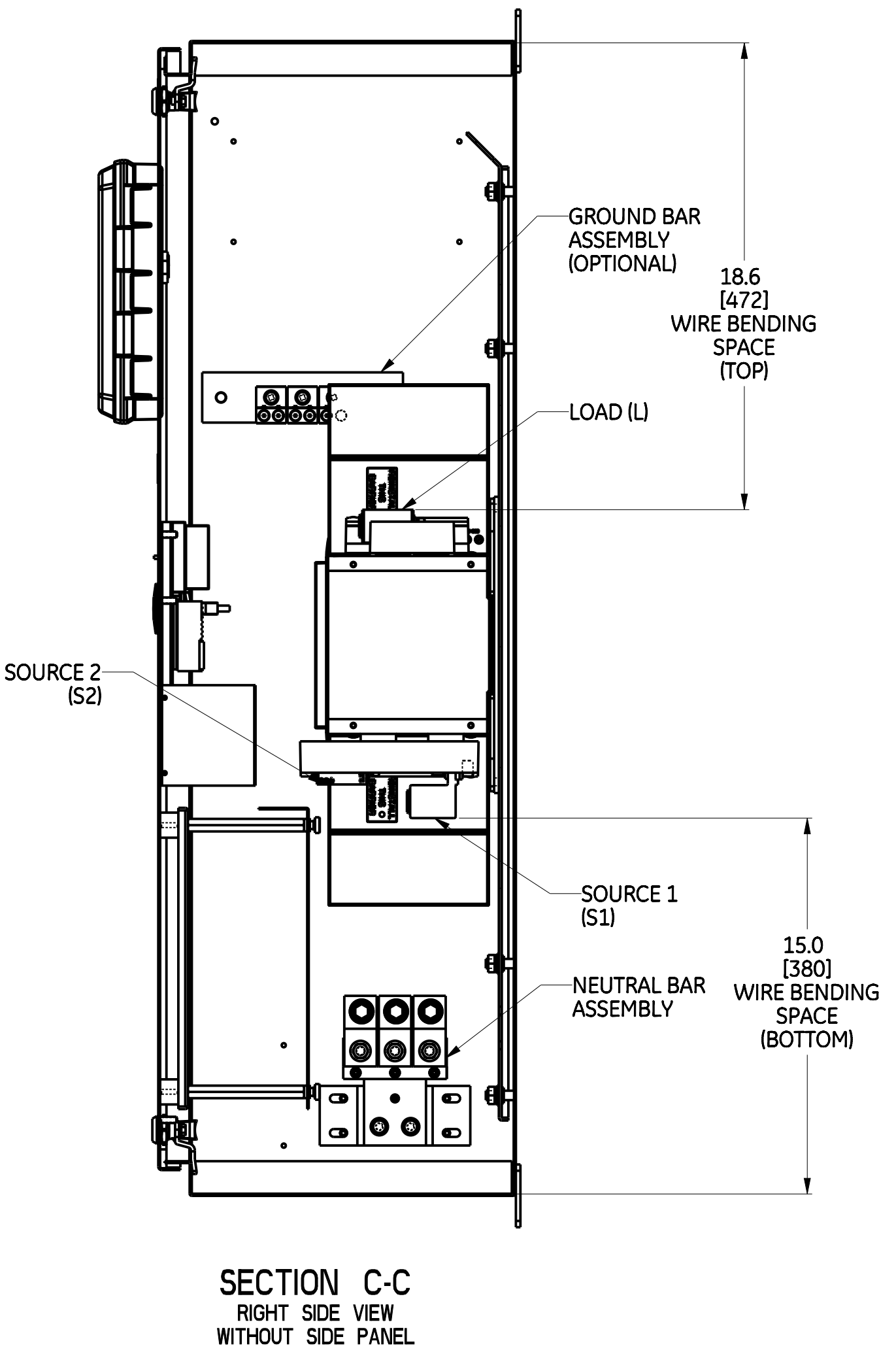
TABLE B - GUTTER WIDTH		
	POLES	
260A	3	3.7 (86)
260A	4	3.4 (94)
400A	3	3.7 (94)



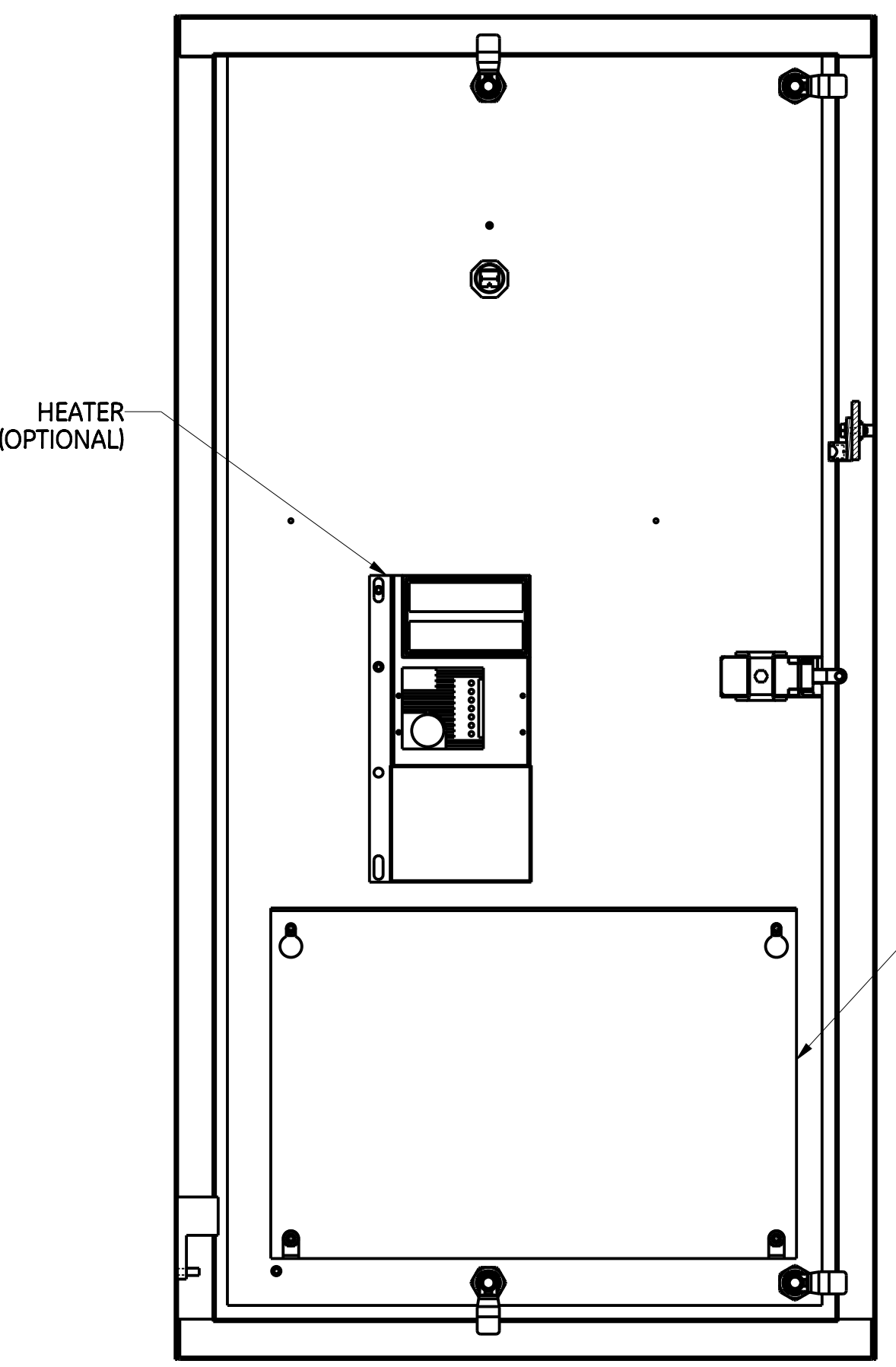
SECTION B-B
TOP VIEW
WITHOUT TOP PANEL



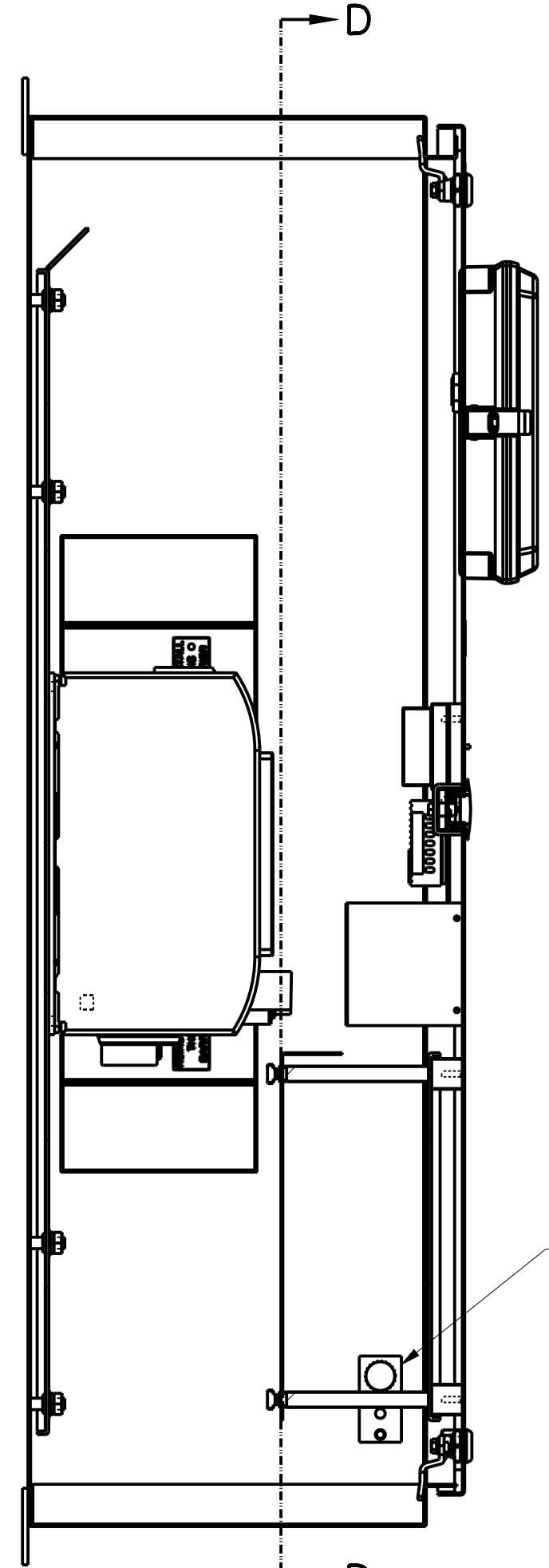
A FRONT VIEW
WITHOUT DOOR
(3 POLE SWITCH SHOWN)



SECTION C-C
RIGHT SIDE VIEW
WITHOUT SIDE PANEL



SECTION D-D
DOOR INSIDE VIEW



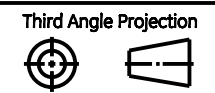
SECTION A-A

NOTE:
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

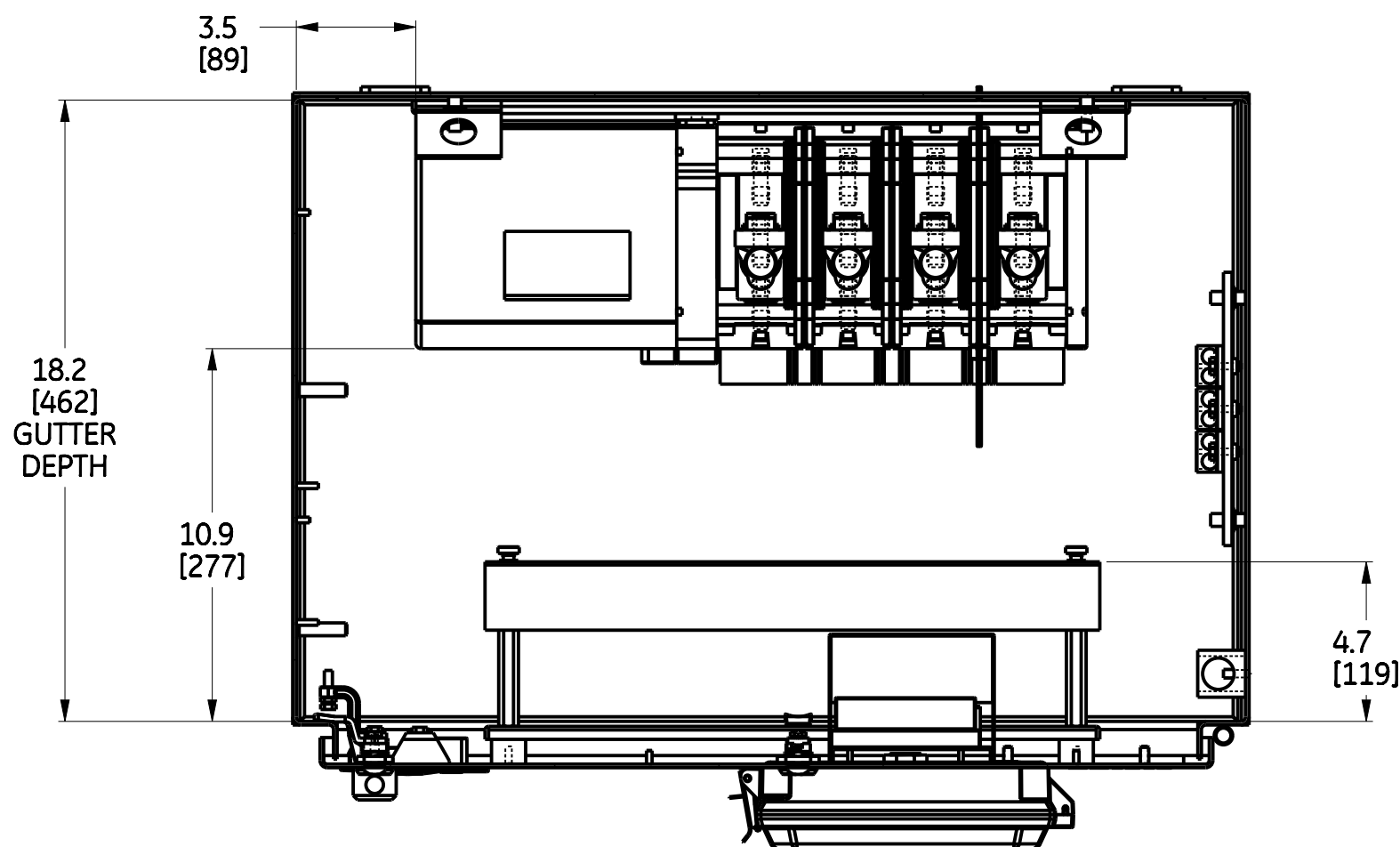
NOTE:
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2. MECHANICAL LUGS SHOWN IN ABOVE VIEWS ARE FOR REFERENCE ONLY.

ABB			
SIZE D	NUMBER	50C-1081	REV 1
SCALE 1:5	PRODUCT LINE	ZENITH ZTS T-SERIES	SHEET 2 of 5

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CABINET WITH MECHANICAL LUG ASSY
(AVAILABLE AS STANDARD)
4 POLE - 400A

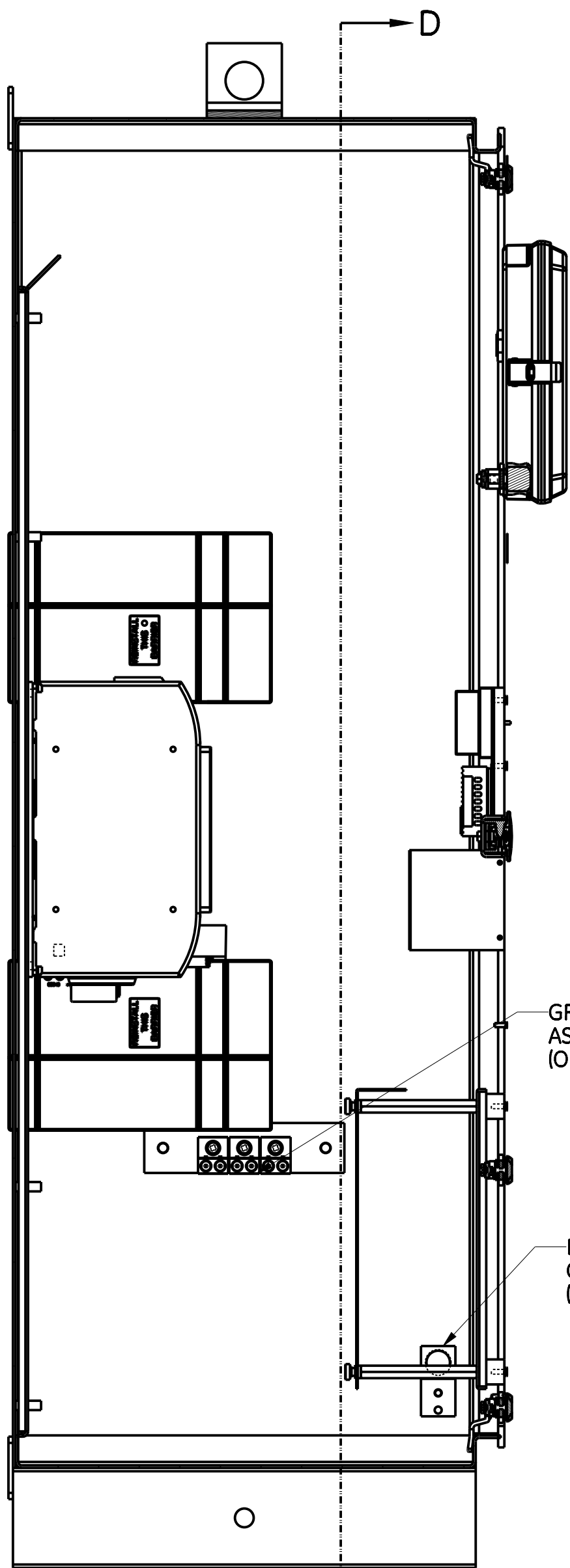


SECTION B-B
TOP VIEW
WITHOUT TOP PANEL

HEATER
(OPTIONAL)

AUXILIARY
PANEL

SECTION D-D
DOOR INSIDE VIEW

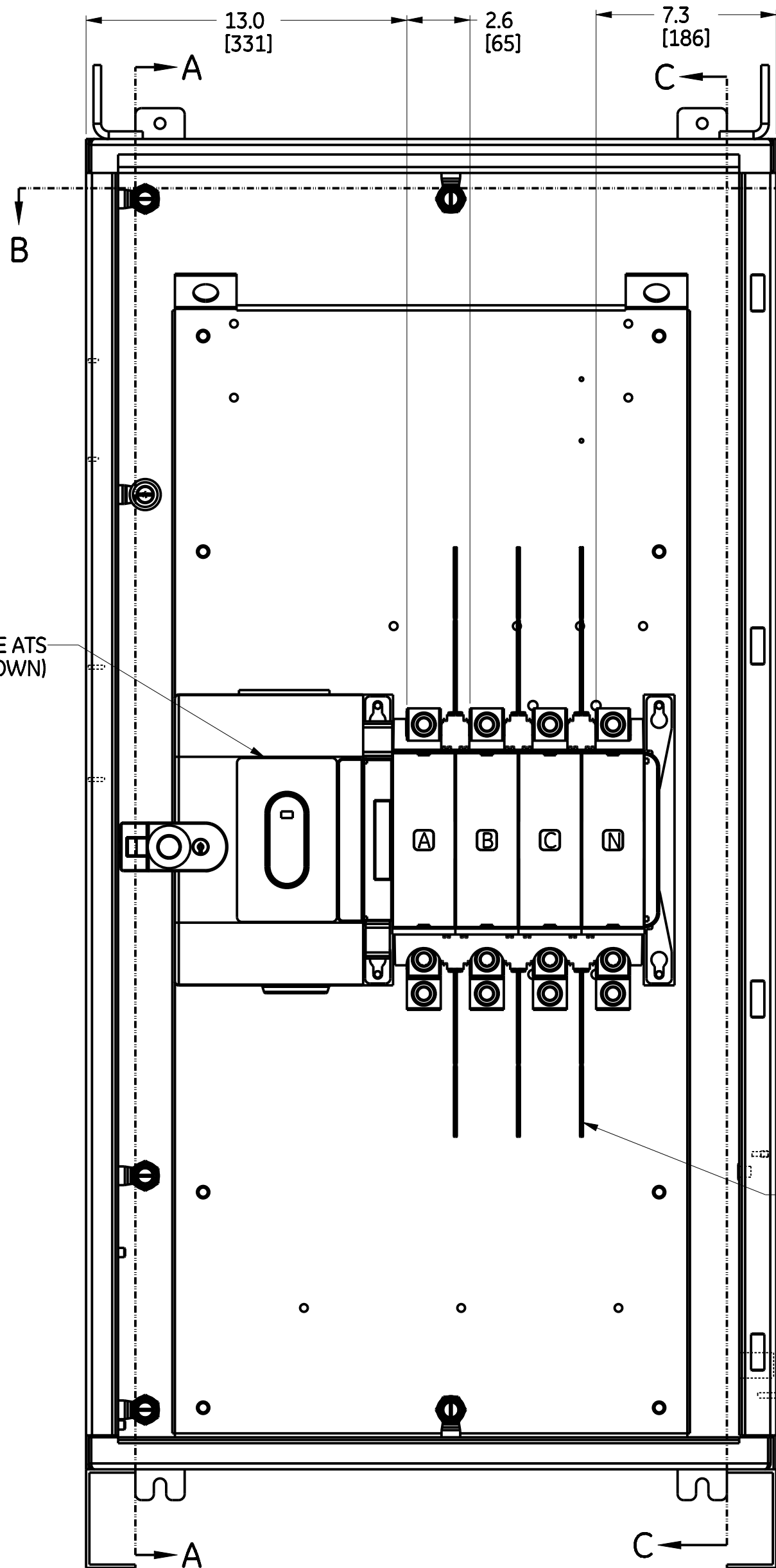


SECTION A-A
LEFT VIEW
WITHOUT SIDE PANEL

TruONE ATS
(400A 4 POLE SHOWN)

GROUND BAR
ASSEMBLY
(OPTIONAL)

EQUIPMENT
GROUND LUG
(#2-600 MCM)



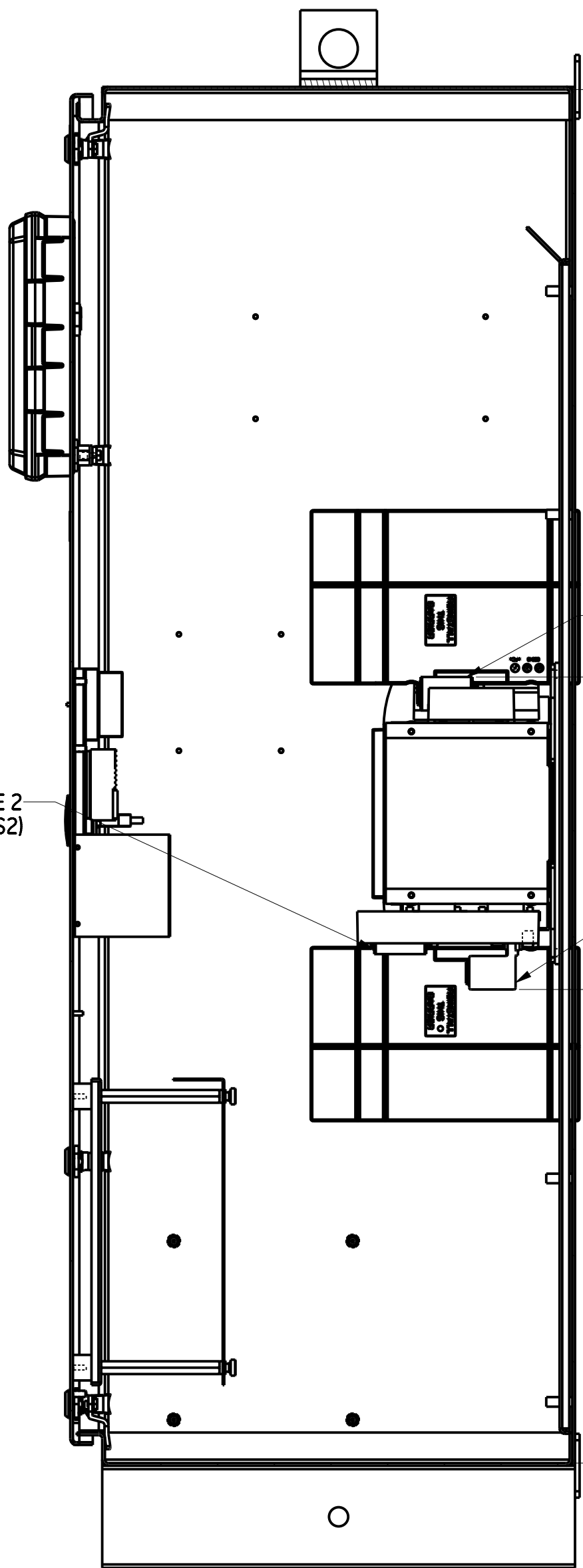
FRONT VIEW
WITHOUT DOOR
(4 POLE SWITCH SHOWN)

PHASE BARRIERS
(LOAD AND LINE SIDES)

SOURCE 2
(S2)

LOAD (L)

SOURCE 1
(S1)



SECTION C-C
LEFT SIDE
WITHOUT SIDE PANEL
AND PHASE BARRIERS

23.0
[584]
WIRE BENDING
SPACE
(TOP)

18.5
[471]
WIRE BENDING
SPACE
(BOTTOM)

NOTE:
FOR SINGLE PHASE SWITCHED NEUTRAL(3-POLE) UNIT, THE NEUTRAL POLE WILL BE NEXT TO MECHANISM
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ABB

SIZE	NUMBER	REV
D	50C-1081	1
SCALE	PRODUCT LINE	SHEET
1:5	ZENITH ZTS T-SERIES	3 of 5

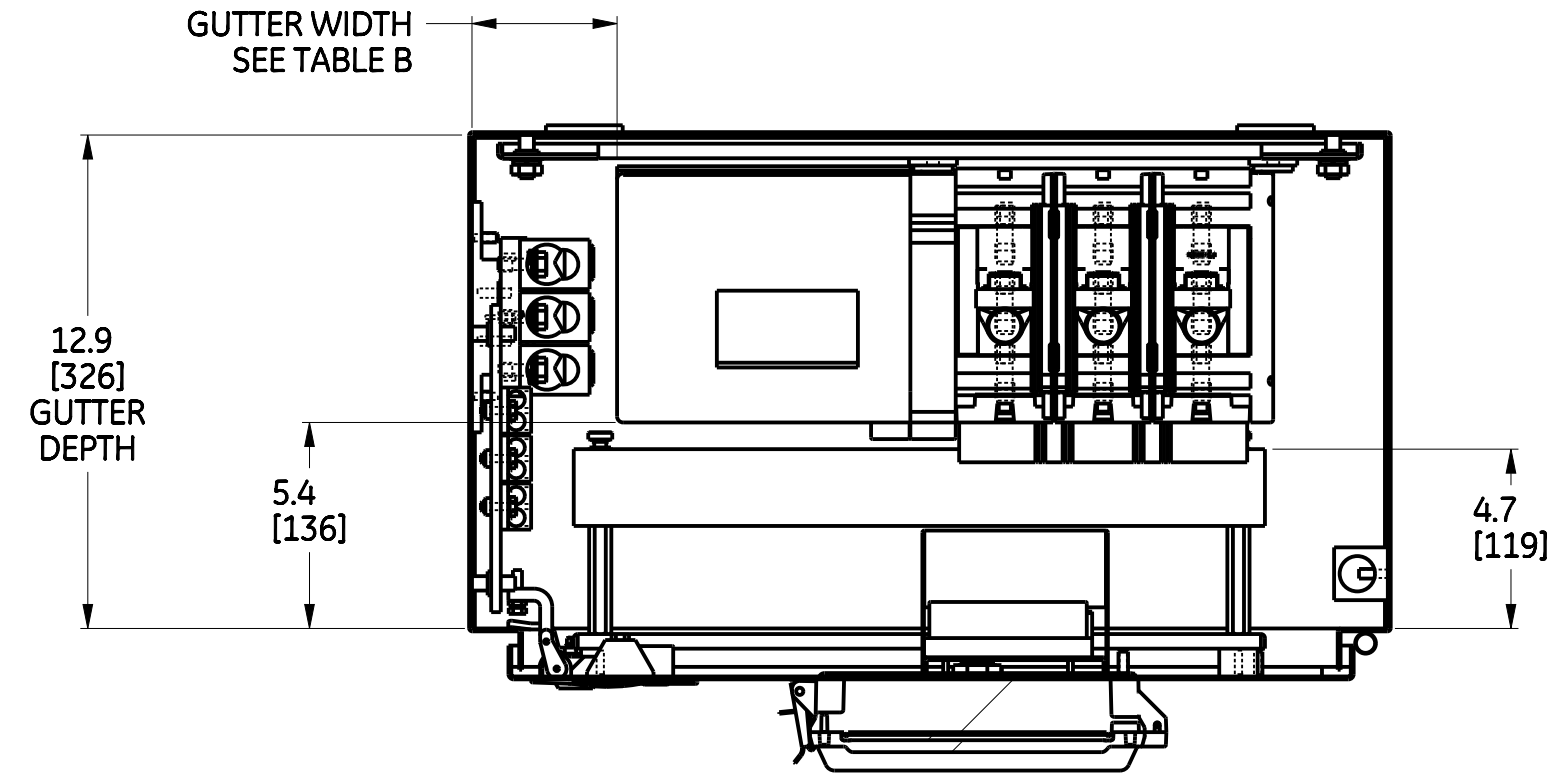
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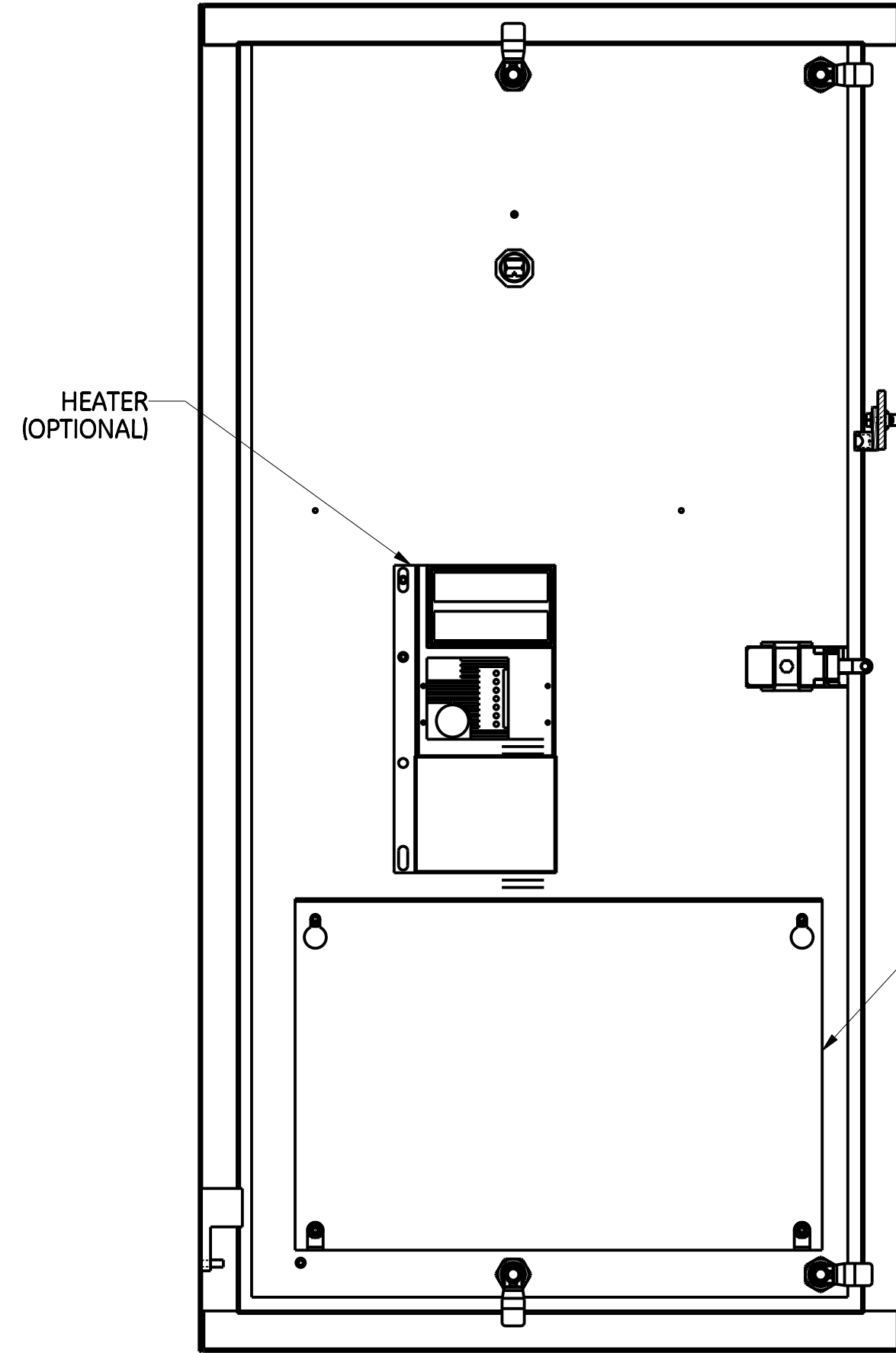
CABINET WITH COMPRESSION LUG ASSY
(AVAILABLE AS OPTION)

3 POLE - 400A
3 & 4 POLE - 260A

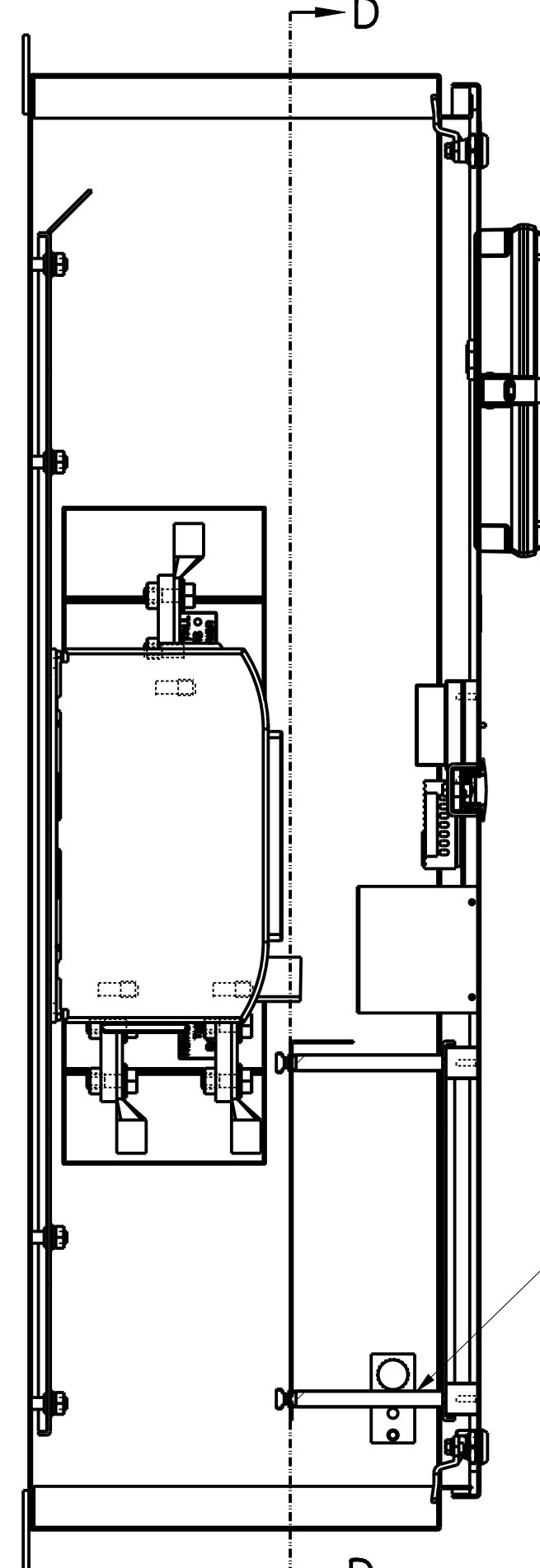
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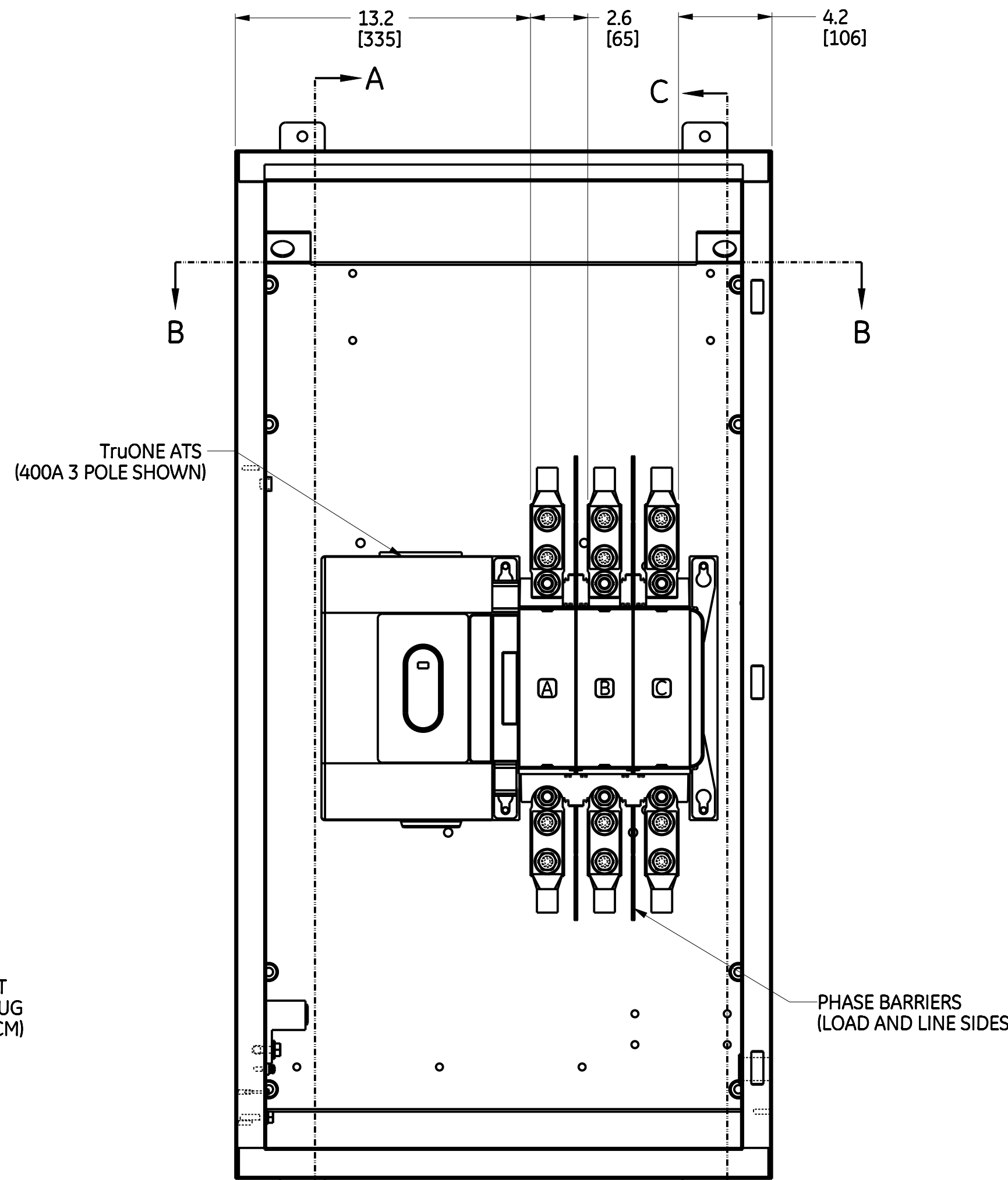
SECTION B-B
TOP VIEW
WITHOUT TOP PANEL



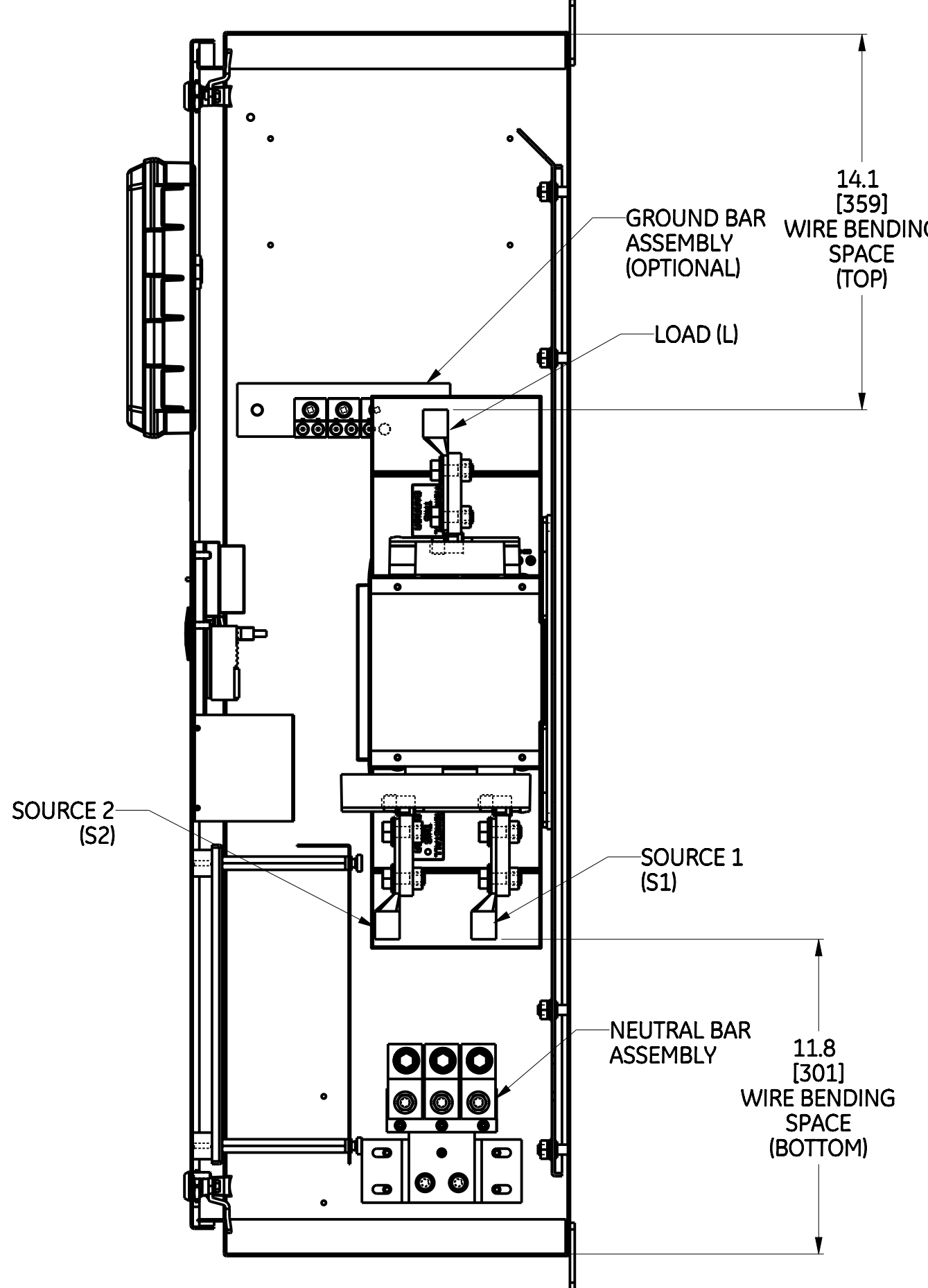
SECTION D-D
DOOR INSIDE VIEW



SECTION A-A



FRONT VIEW
WITHOUT DOOR
(3 POLE SWITCH SHOWN)



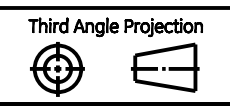
SECTION C-C
RIGHT SIDE VIEW
WITHOUT SIDE PANEL

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ABB			
SIZE D	NUMBER	50C-1081	REV 1
SCALE 1:5	PRODUCT LINE	ZENITH ZTS T-SERIES	SHEET 4 of 5

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