

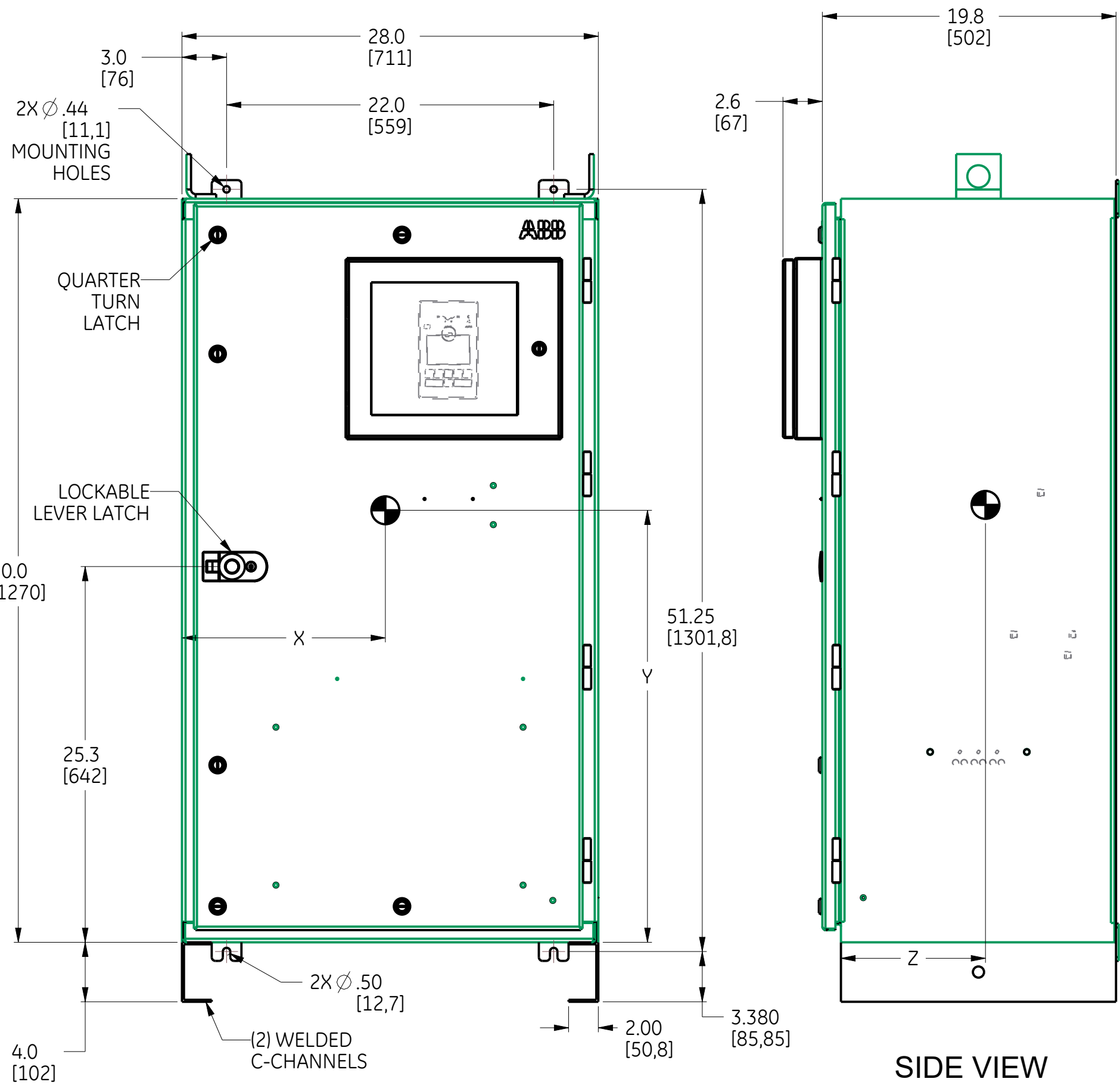
3D Model is the Master Document of Record
Article or Notation Must Conform to REACT Procedure 5000000 Sec.14
Part Must Conform to 3500000 Sec.4 Torque Procedure
Geometric Dimensioning & Tolerancing as per ASME Y14.5-2009

ABB PROPRIETARY AND CONFIDENTIAL INFORMATION
The information contained in this document has to be kept strictly confidential.
Any unauthorized disclosure of this information is strictly forbidden.
ABB reserves all rights regarding Intellectual Property Rights.
Copyright 2018 ABB. All rights reserved.



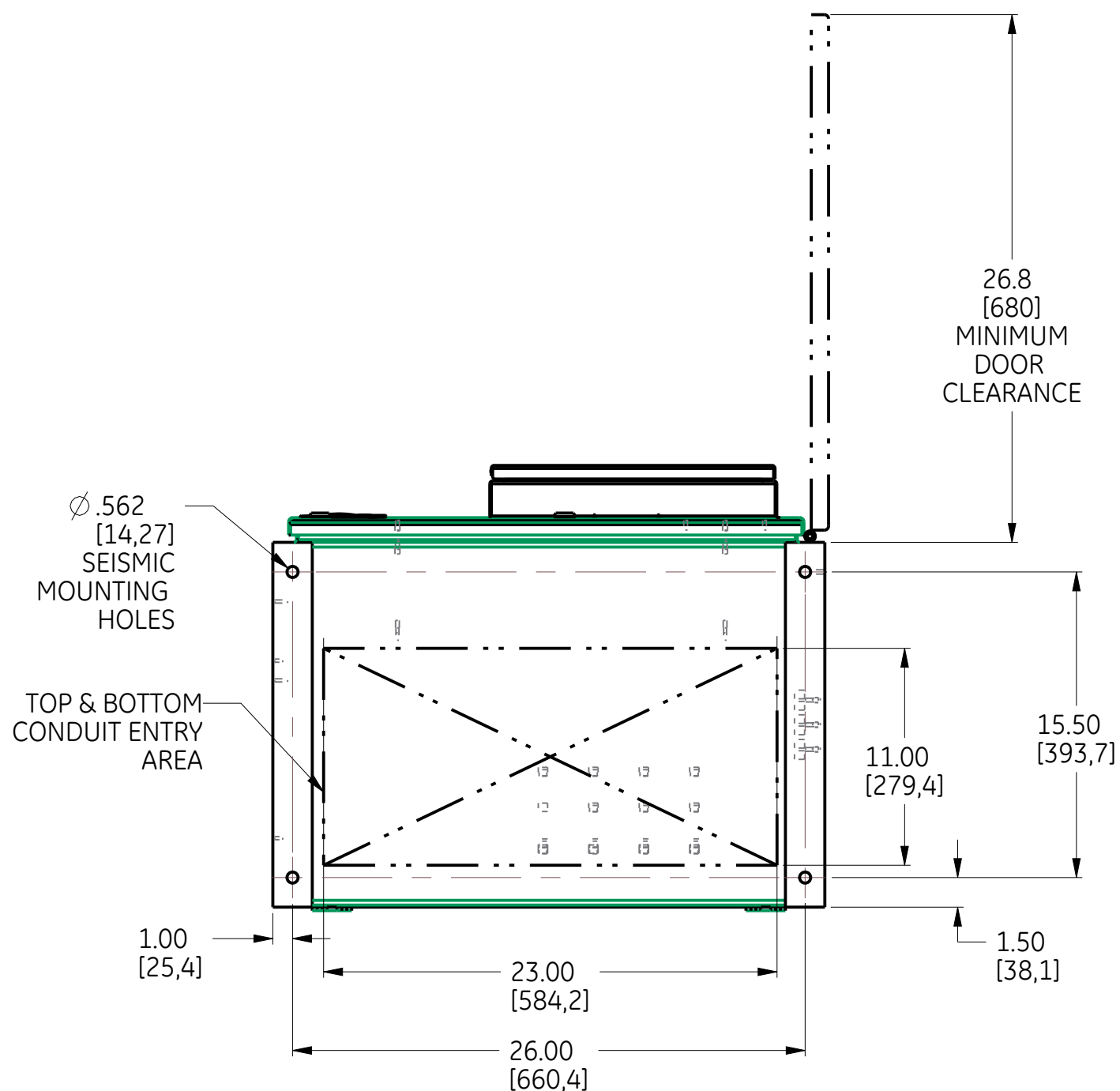
us_3rd.dfm

4 POLE - 400A
SEE SHEET 4 FOR INSIDE DETAILS



FRONT VIEW

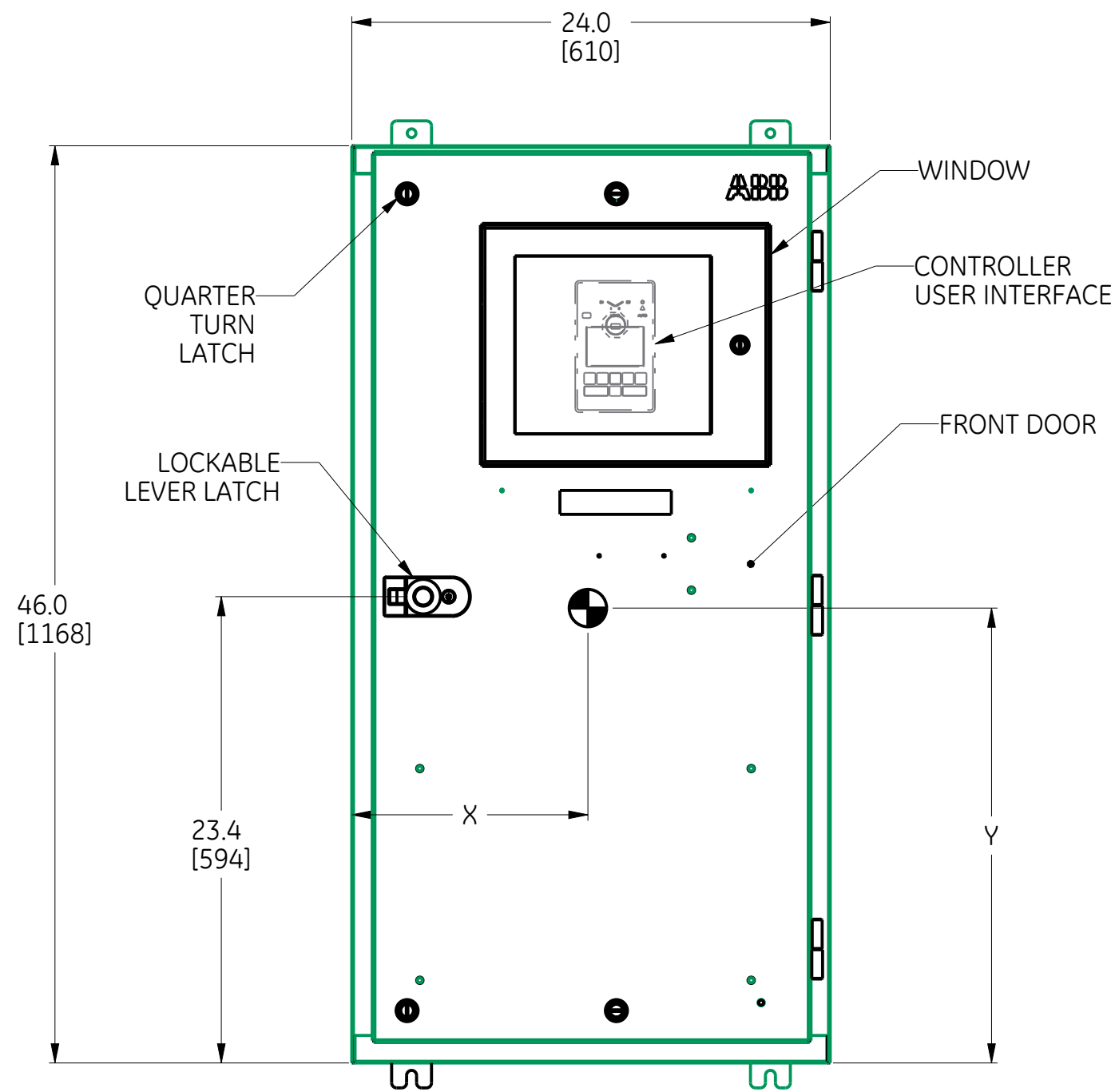
SIDE VIEW



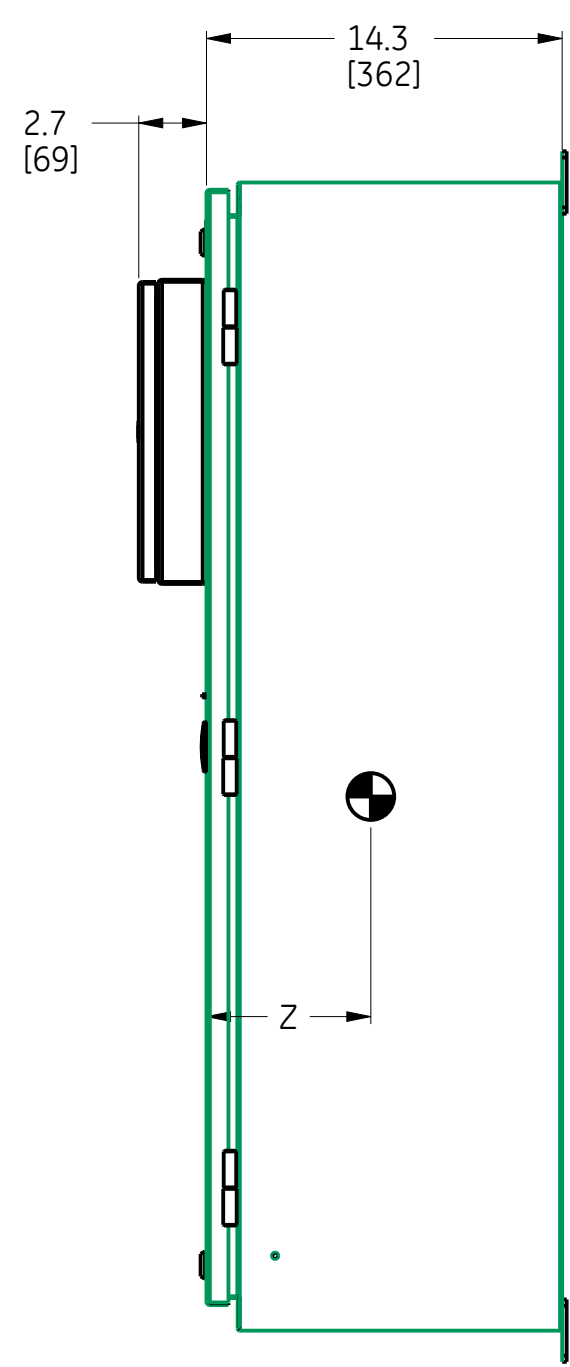
BOTTOM VIEW

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

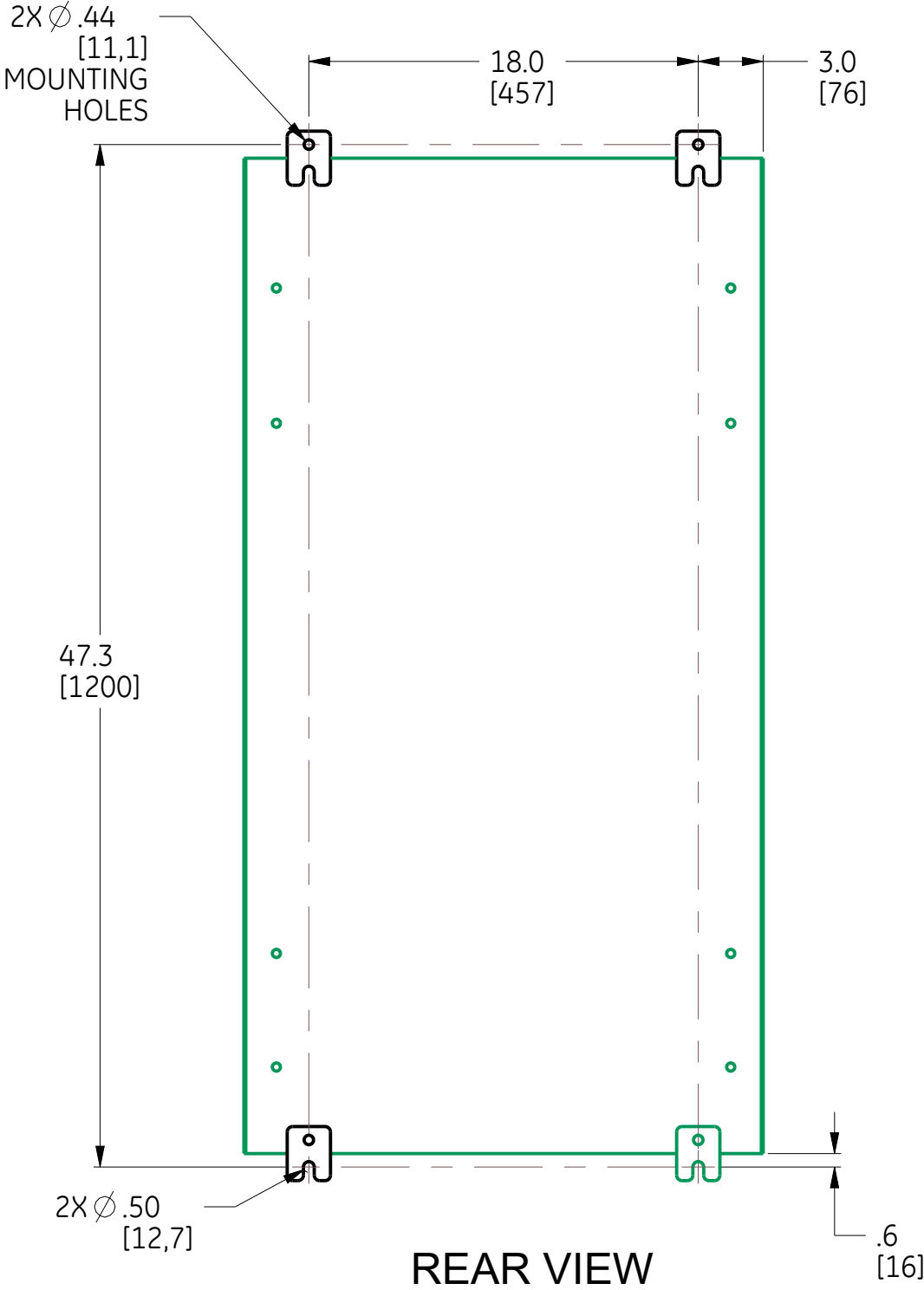
2 & 3 POLE - 400A
2, 3 & 4 POLE - 260A
SEE SHEET 2 FOR INSIDE DETAILS



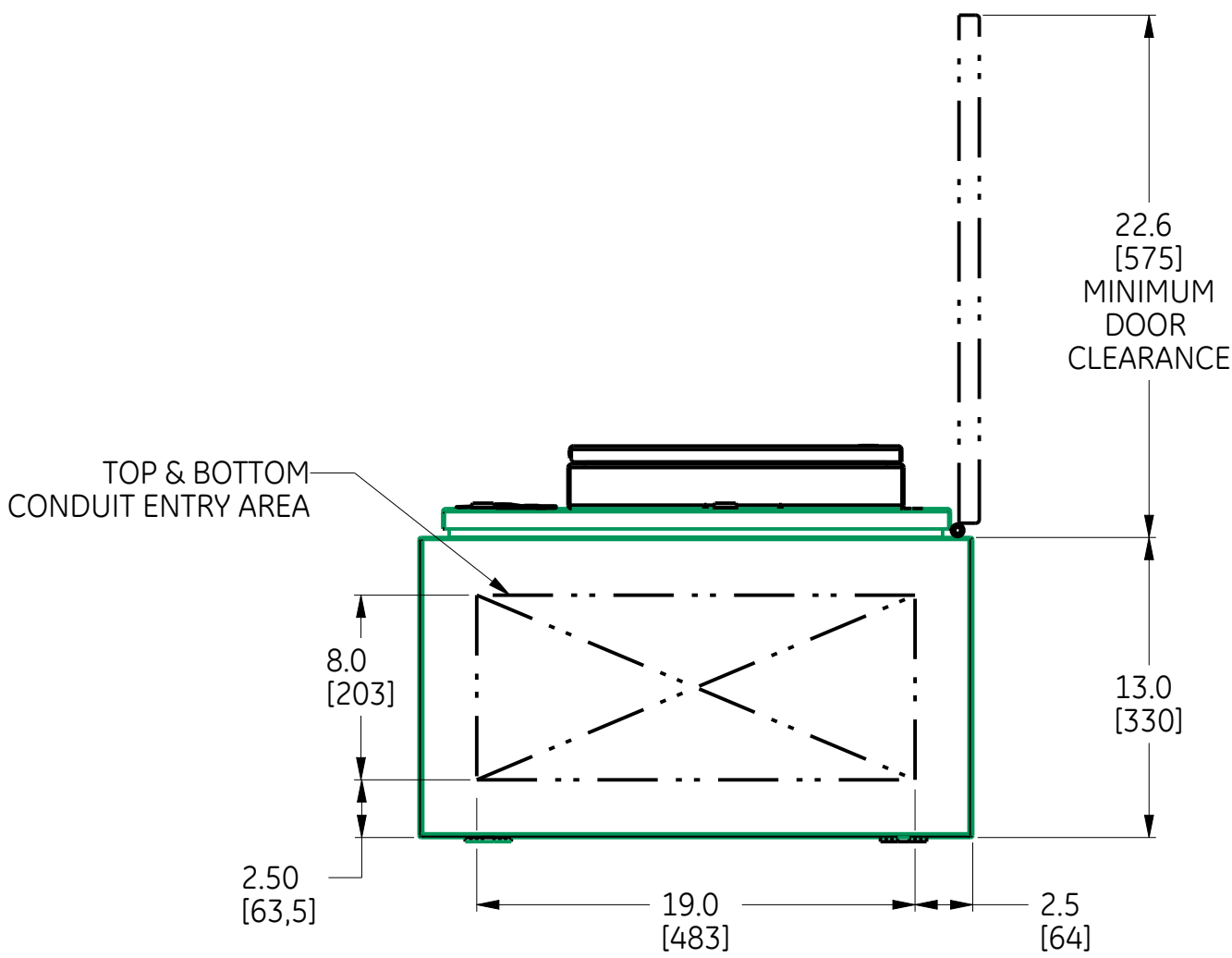
FRONT VIEW



SIDE VIEW



REAR VIEW



BOTTOM VIEW

- NOTES
1. ENCLOSURE : NEMA 4X TYPE, WALL MOUNT.
2. MATERIAL: 14 GA (.0747) 304 SS REF.
3. 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.
- EQUIPMENT GROUND LUG IS PROVIDED IN ALL UNITS. SEE SHEETS 2 AND 3 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.

AMP	POLE	CONTROLLER TYPE	CABINET #	LUG RANGE	WEIGHT	CENTER OF GRAVITY IN(MM)		
					LB(KG)	X	Y	Z
260A	2	SEE TABLE A	F-2013MPX	QTY 1 350 KCMIL	145(66)	11.5 (292)	23.0 (584)	7.5 (190)
	3				150(68)			
	4				155(70)			
400A	2		F-2013MPX	QTY 2 250 KCMIL-1/0 OR QTY 1 600 KCMIL-#4	153(69)			
	3				159(72)			
	4				290(131)	13.7(348)	28.1(714)	9.7(246)

TABLE A - HMI			
TYPE	TRANSITION	LEVEL	PART NO.
ZTX	OPEN	2	OXAMI1-L2
ZTG	OPEN	3	OXAMI1-L3
ZTGD	DELAYED	3	OXBMI1-L3

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 70 FT-LBS. (95 NEWTON METERS).
*1/2-13 STANDARD FLAT WASHER.
*1/2 (13) HELICAL SPRING LOCK WASHER.
- CENTER OF GRAVITY DIMENSIONS ARE FOR REFERENCE ONLY.
- FOR WORKING CLEARANCE REFER TO NATIONAL AND LOCAL CODES AND STANDARDS.

Calculated for: VOLUME 0.000 in^3 MASS 0.000 lbm UNLESS OTHERWISE SPECIFIED TOLERANCE ON: 1 PL DECIMALS ± .01 2 PL DECIMALS ± .002 3 PL DECIMALS ± .005 ANGLES ± .10	DRAWING FILE 50C-1065	MODEL FILE 50C-1065			
	DATE MODIFIED 27-Jan-21 07:12:48 PM	DESIGNED BY AP			
	CNR C100606 Critical to Quality Characteristic	APPROVED BY SR	TITLE ZENITH-ZTX/ZTG, T-SERIES LAYOUT 260A-400A, WITH NEMA 4X CABINET		
	MATERIAL SPECIFICATION ---	FINISH SPECIFICATION ---	UNITS in	LOCAL TITLE ---	
	MATERIAL DESCRIPTION ---	FINISH DESCRIPTION ---	SIZE D	BOOT NUMBER 50C-1065	REV 2
			SCALE 1:5	PRODUCT LINE ZTX/ZTG(D)	RELEASE STATE In Work
					SHEET 1 of 4

ABB PROPRIETARY AND CONFIDENTIAL INFORMATION
The information contained in this document has to be kept strictly confidential.
Any unauthorized use, reproduction, distribution or disclosure to third parties is strictly forbidden.
ABB reserves the right to change the data without notice. All rights reserved.



HEATER
(OPTIONAL)

AUXILIARY
PANEL

SECTION D-D
DOOR INSIDE VIEW

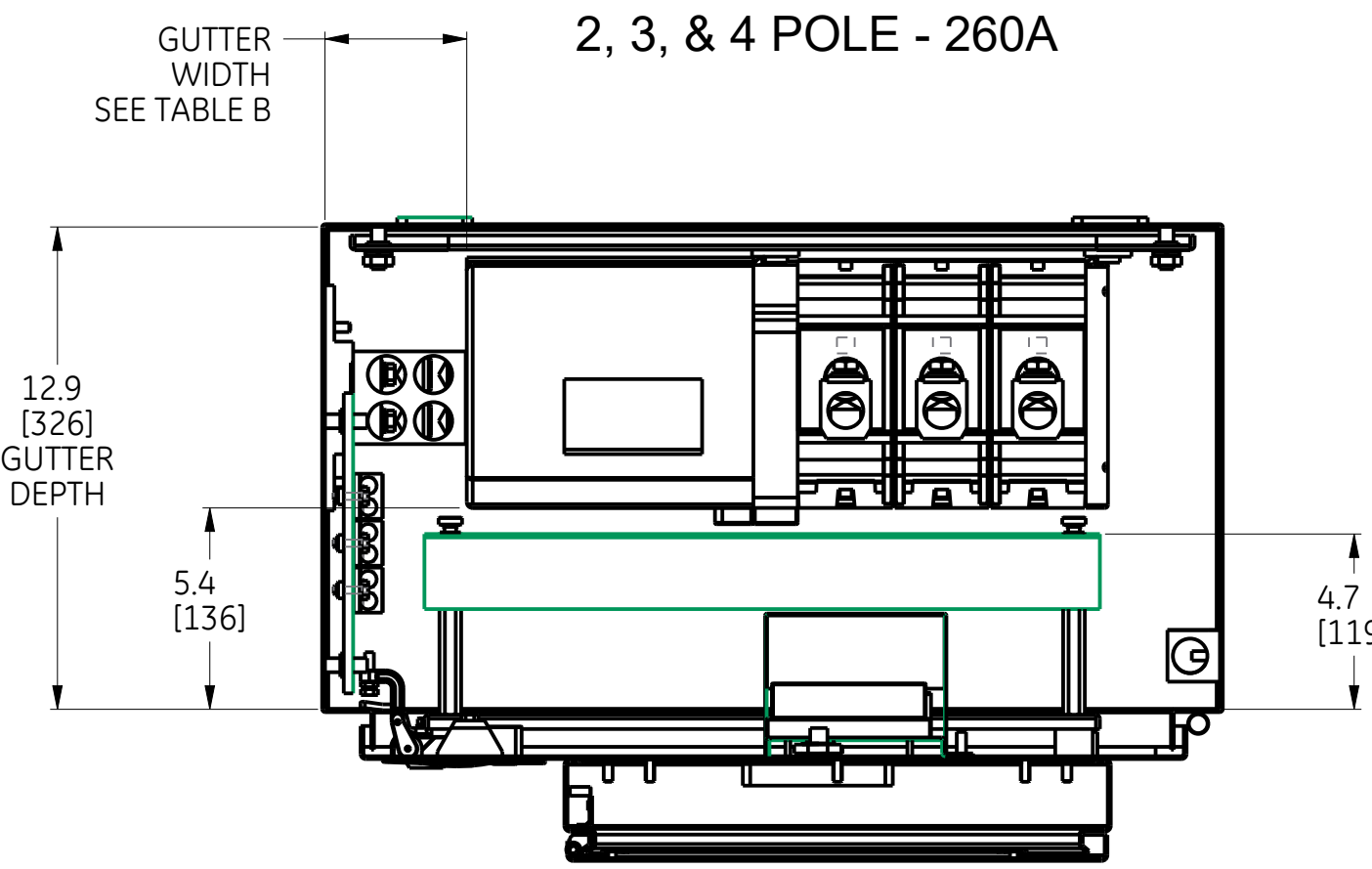
SECTION A-A
LEFT VIEW
WITHOUT SIDE PANEL

EQUIPMENT
GROUND LUG
(#2-600 MCM)

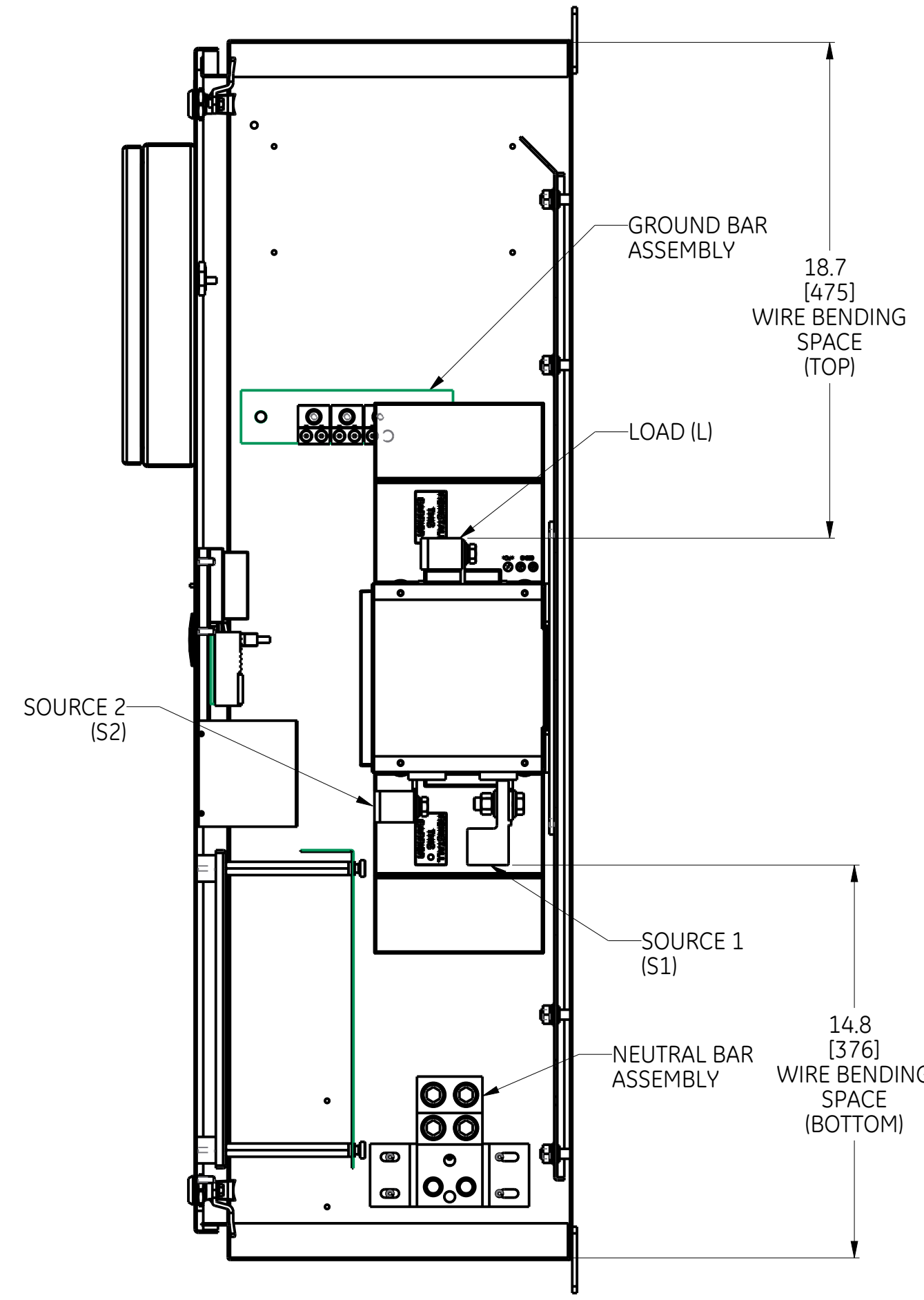
TruONE ATS
(400A 3 POLE SHOWN)

FRONT VIEW
WITHOUT DOOR

2, 3, & 4 POLE - 260A



SECTION B-B
TOP VIEW
WITHOUT TOP PANEL



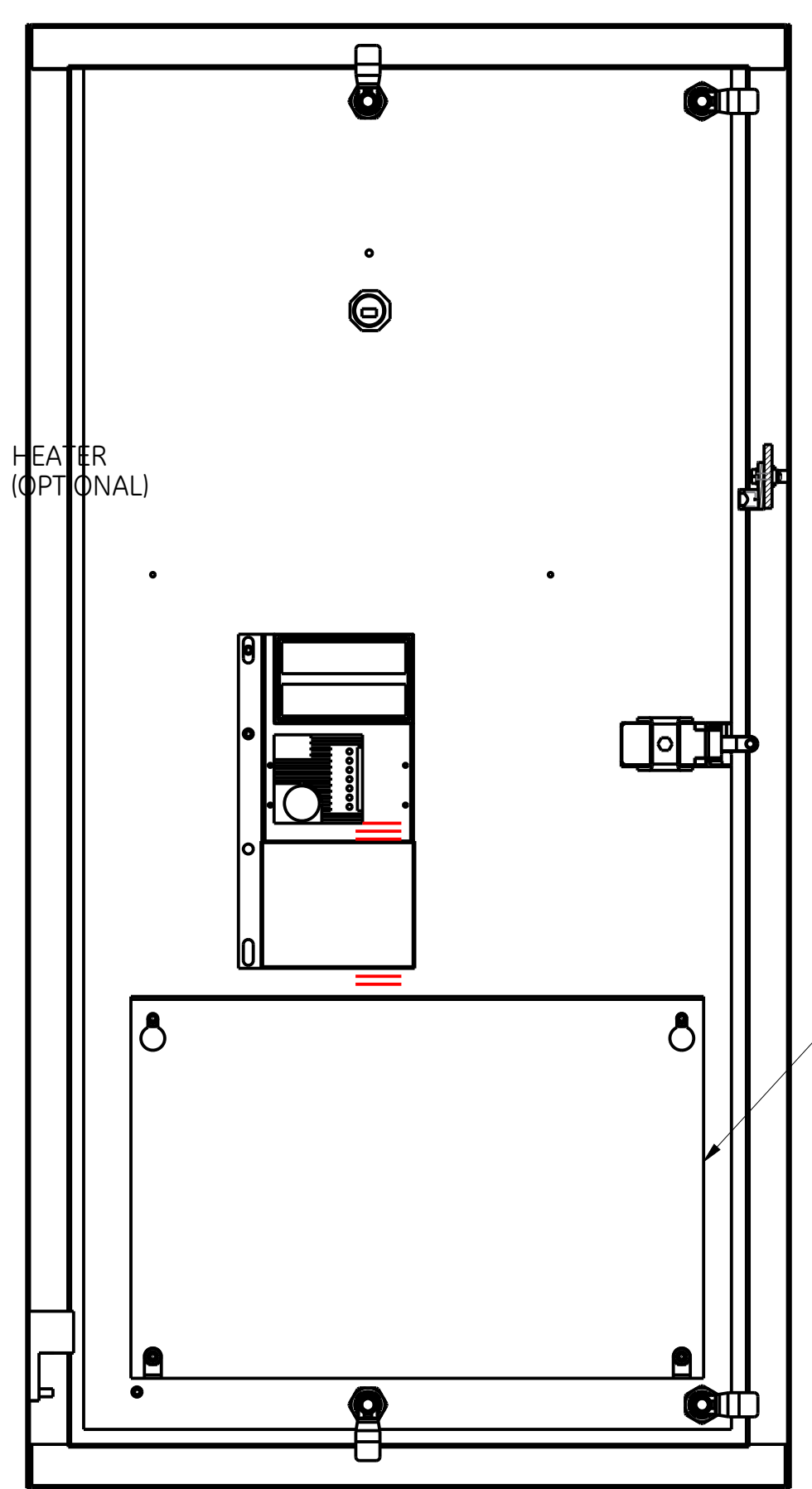
SECTION C-C
RIGHT SIDE VIEW
WITHOUT SIDE PANEL

- NOTE:
1. REFER TO SHEET (1) FOR COMPLETE NOTE DETAILS
2. MECHANICAL LUGS SHOWN IN ABOVE VIEWS ARE FOR REFERENCE ONLY.

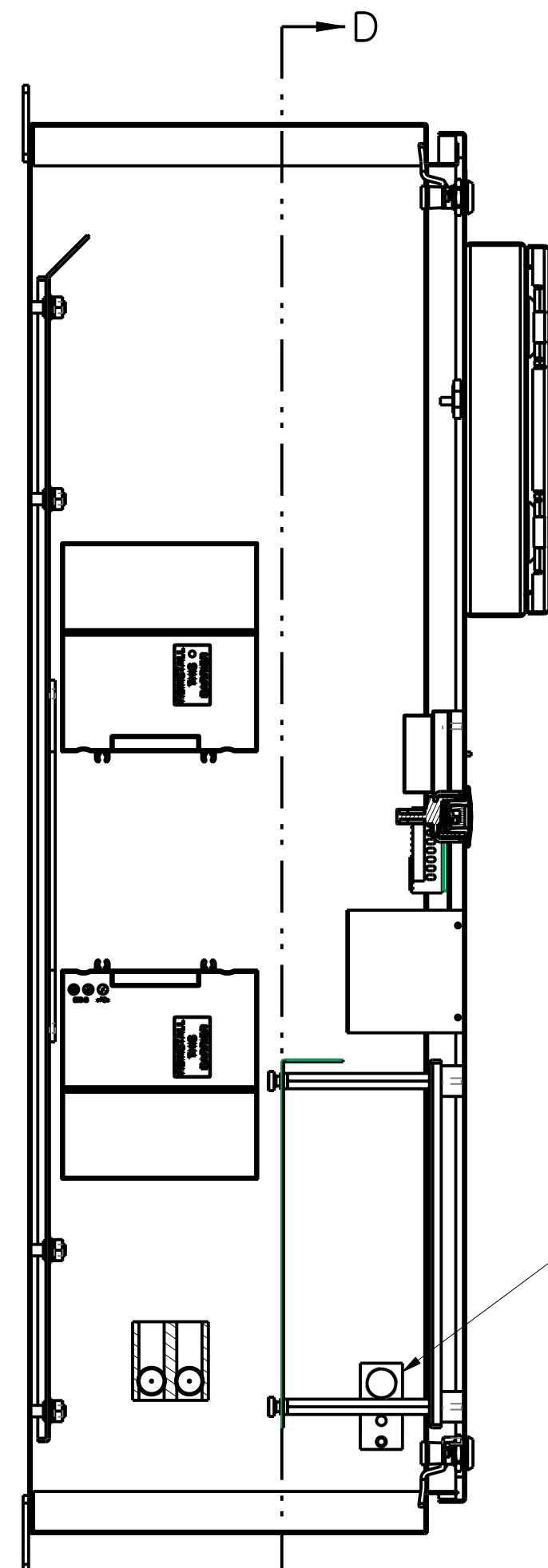
TABLE B - GUTTER WIDTH		
RATING	POLES	
260A	4	3.4 (86)
	3	3.7(94)

ABB			
SIZE	NUMBER	REV	
D	50C-1065	2	
SCALE	PRODUCT LINE	SHEET	
1:5	ZTX/ZTG(D)	2 of 4	

ABB PROPRIETARY AND CONFIDENTIAL INFORMATION
The information contained in this document has to be kept strictly confidential.
Any unauthorized use, reproduction, distribution or disclosure to third parties is strictly forbidden.
ABB reserves all rights. Copyright © 2018 ABB. All rights reserved.

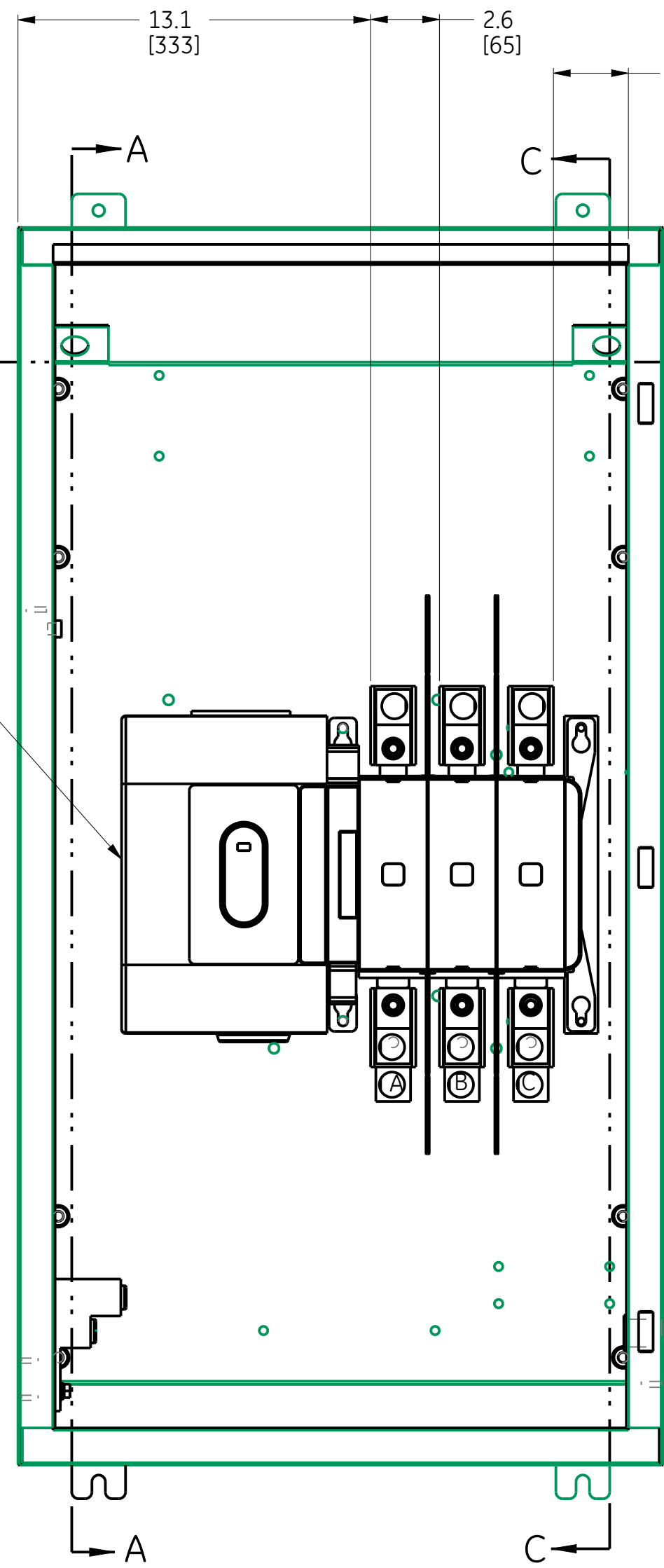


SECTION D-D
DOOR INSIDE VIEW

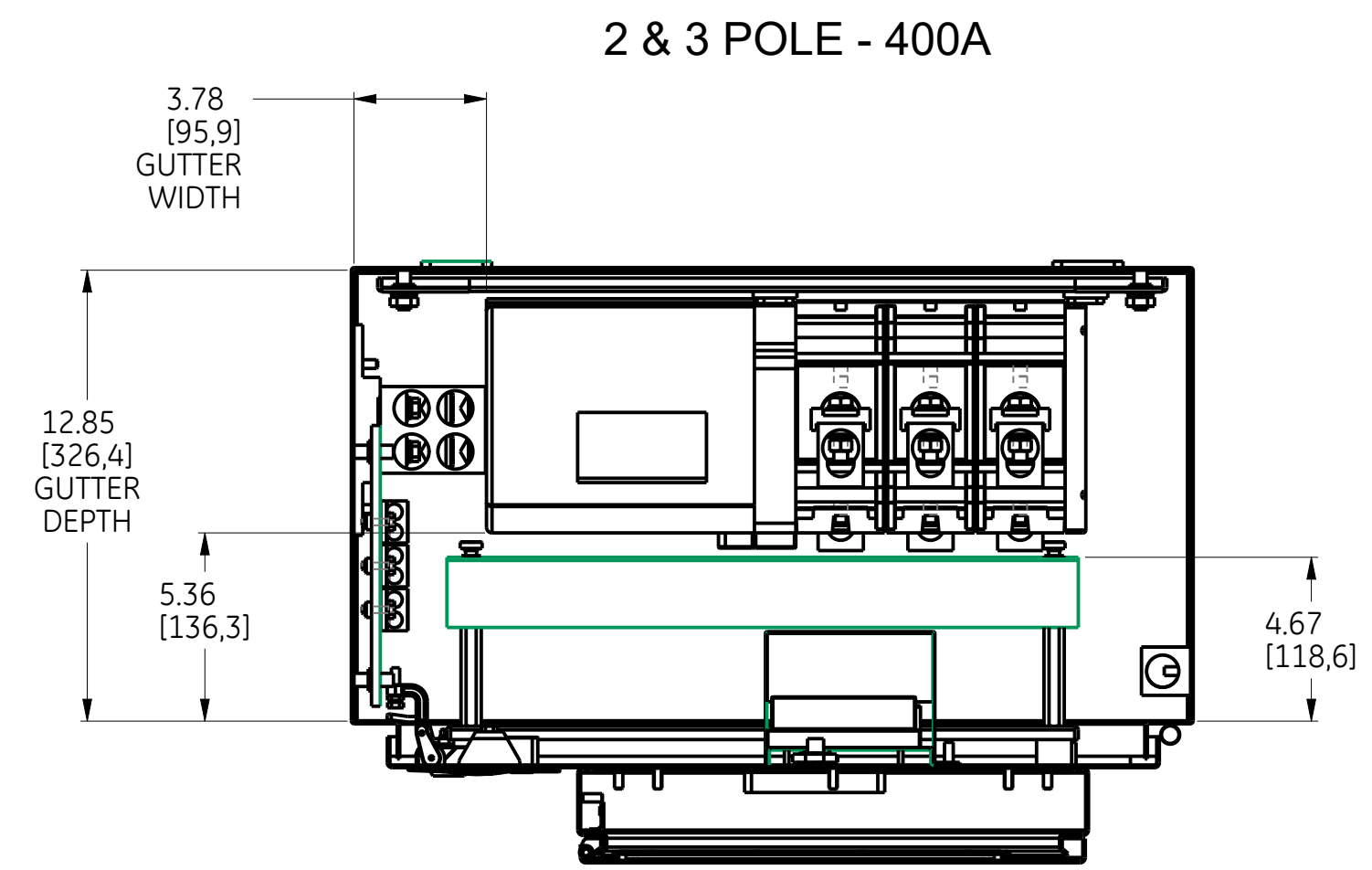


SECTION A-A
LEFT VIEW
WITHOUT SIDE PANEL

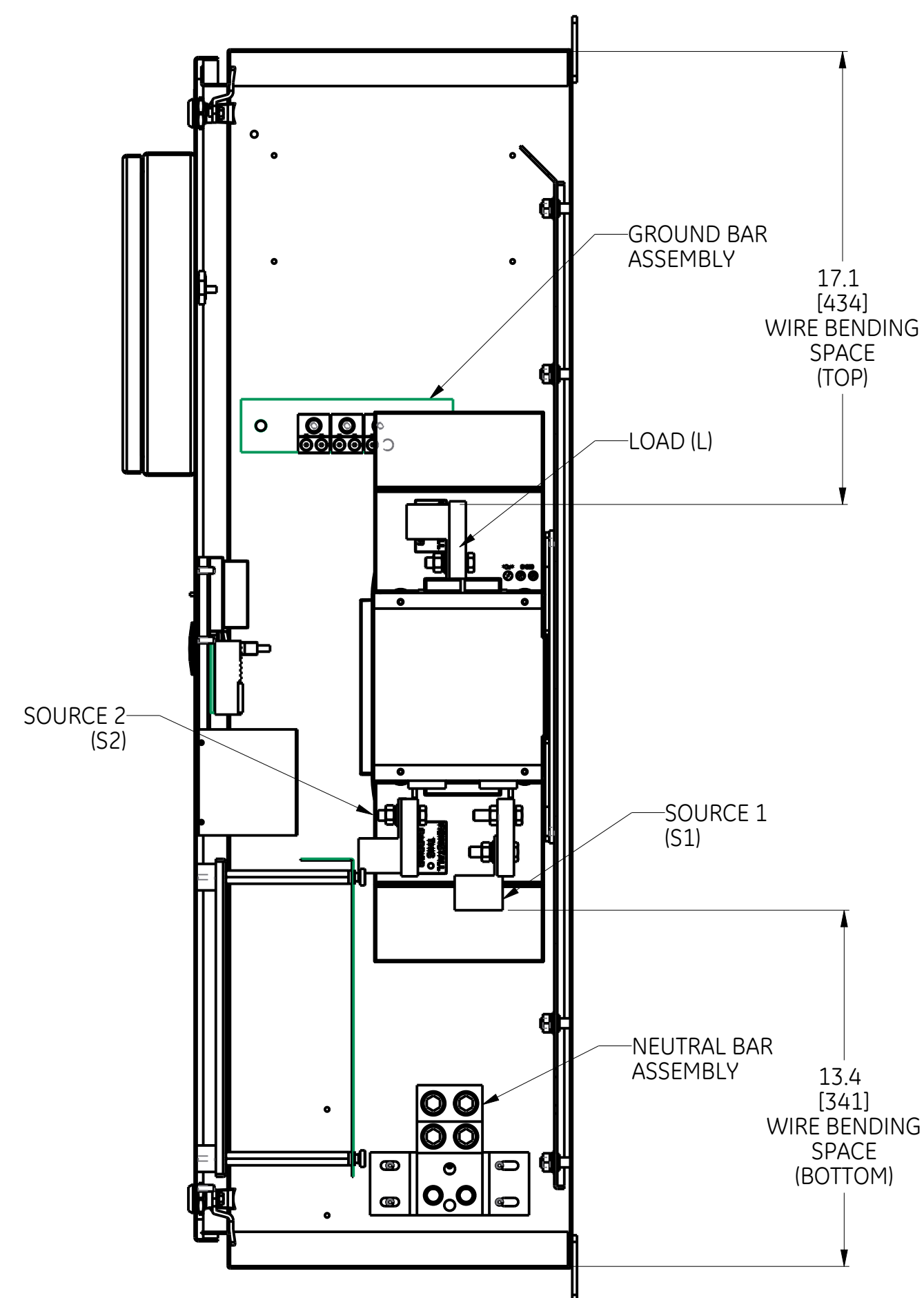
TruONE ATS
(400A 3 POLE SHOWN)



FRONT VIEW
WITHOUT DOOR



SECTION B-B
TOP VIEW
WITHOUT TOP PANEL

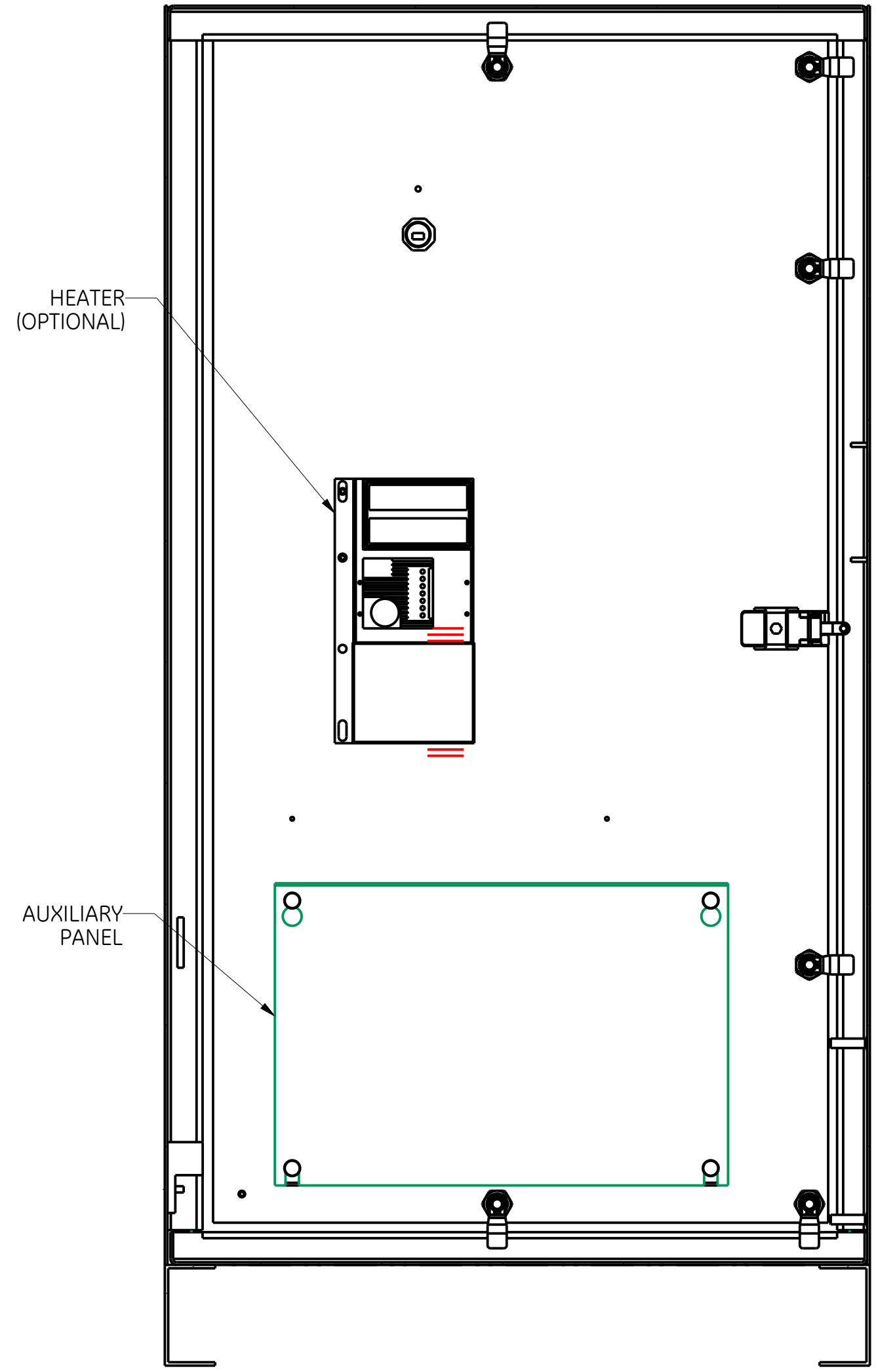


SECTION C-C
RIGHT SIDE VIEW
WITHOUT SIDE PANEL

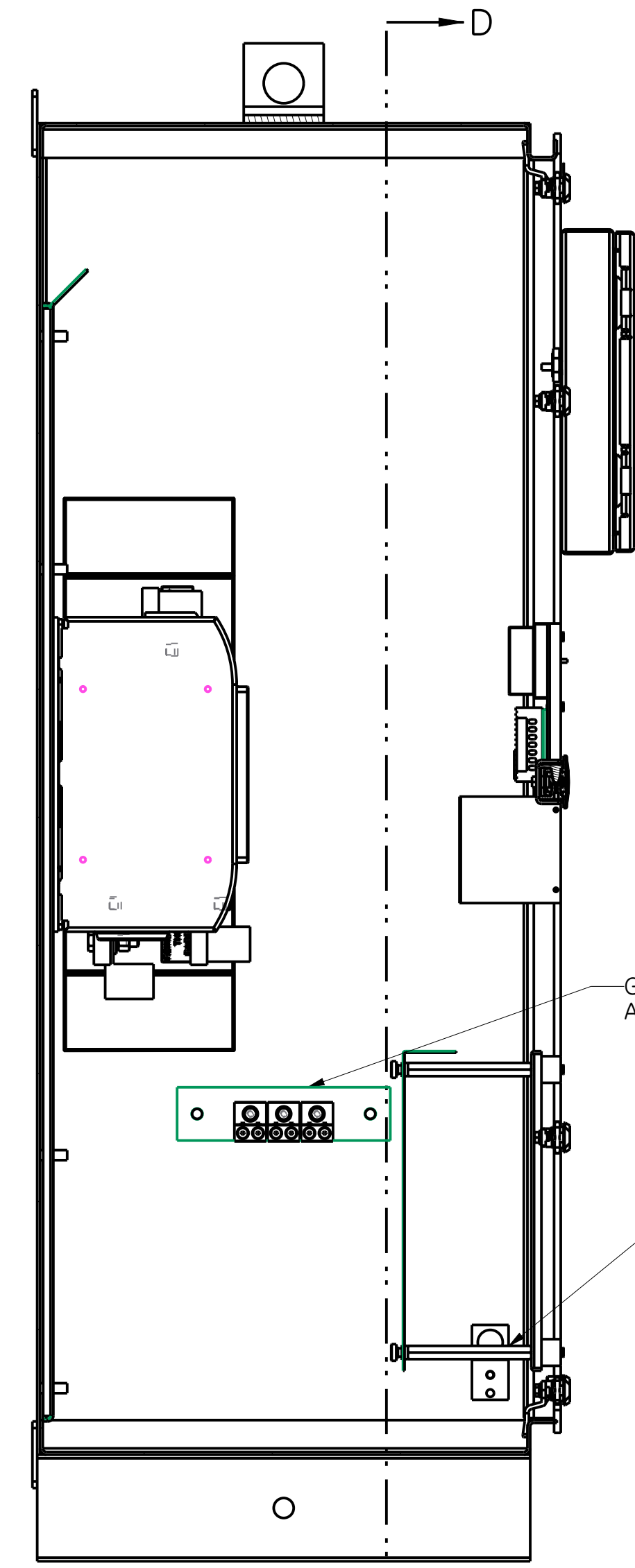
NOTE:
1. REFER TO SHEET (1) FOR COMPLETE NOTE DETAILS.
2. MECHANICAL LUGS SHOWN IN ABOVE VIEWS ARE FOR REFERENCE ONLY.

ABB			
SIZE D	NUMBER 50C-1065	REV 2	
SCALE 1:5	PRODUCT LINE ZTX/ZTG(D)	SHEET 3 of 4	

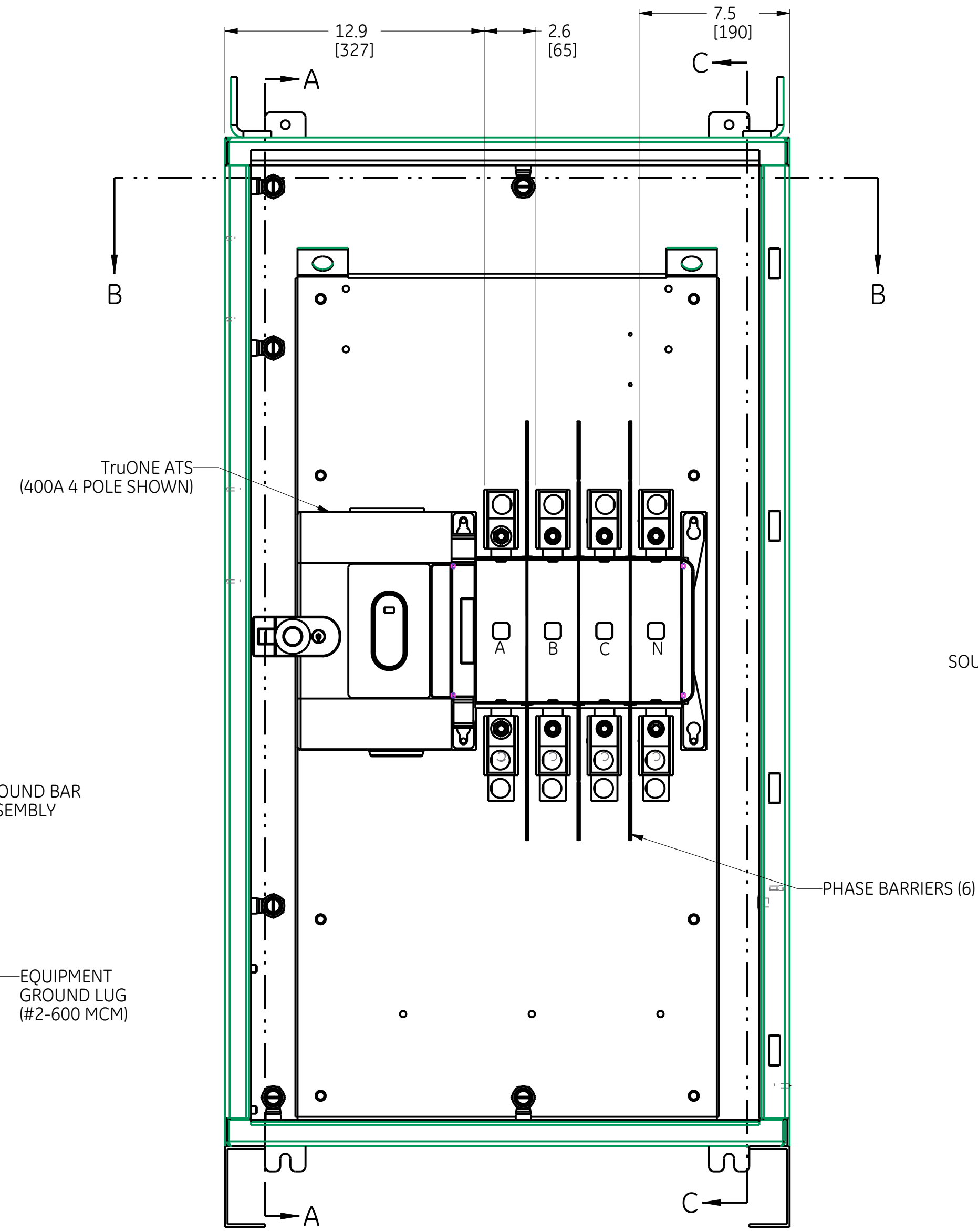
ABB PROPRIETARY AND CONFIDENTIAL INFORMATION
The information contained in this document has to be kept strictly confidential.
Any unauthorized use, reproduction, distribution or disclosure to third parties is strictly forbidden.
ABB reserves the right to change the design of its products without notice.
Copyright © 2018 ABB. All rights reserved.



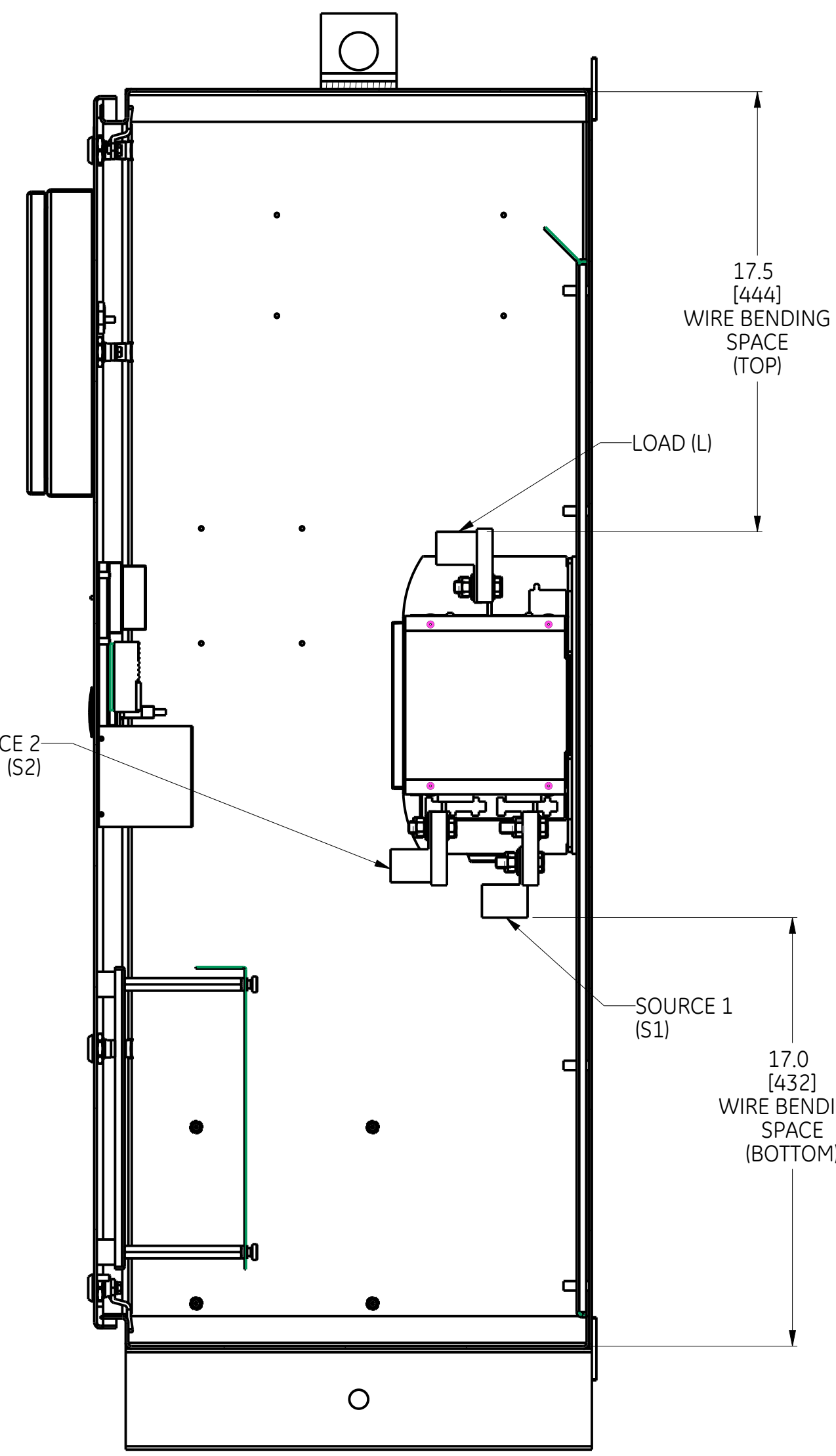
SECTION D-D
DOOR INSIDE VIEW



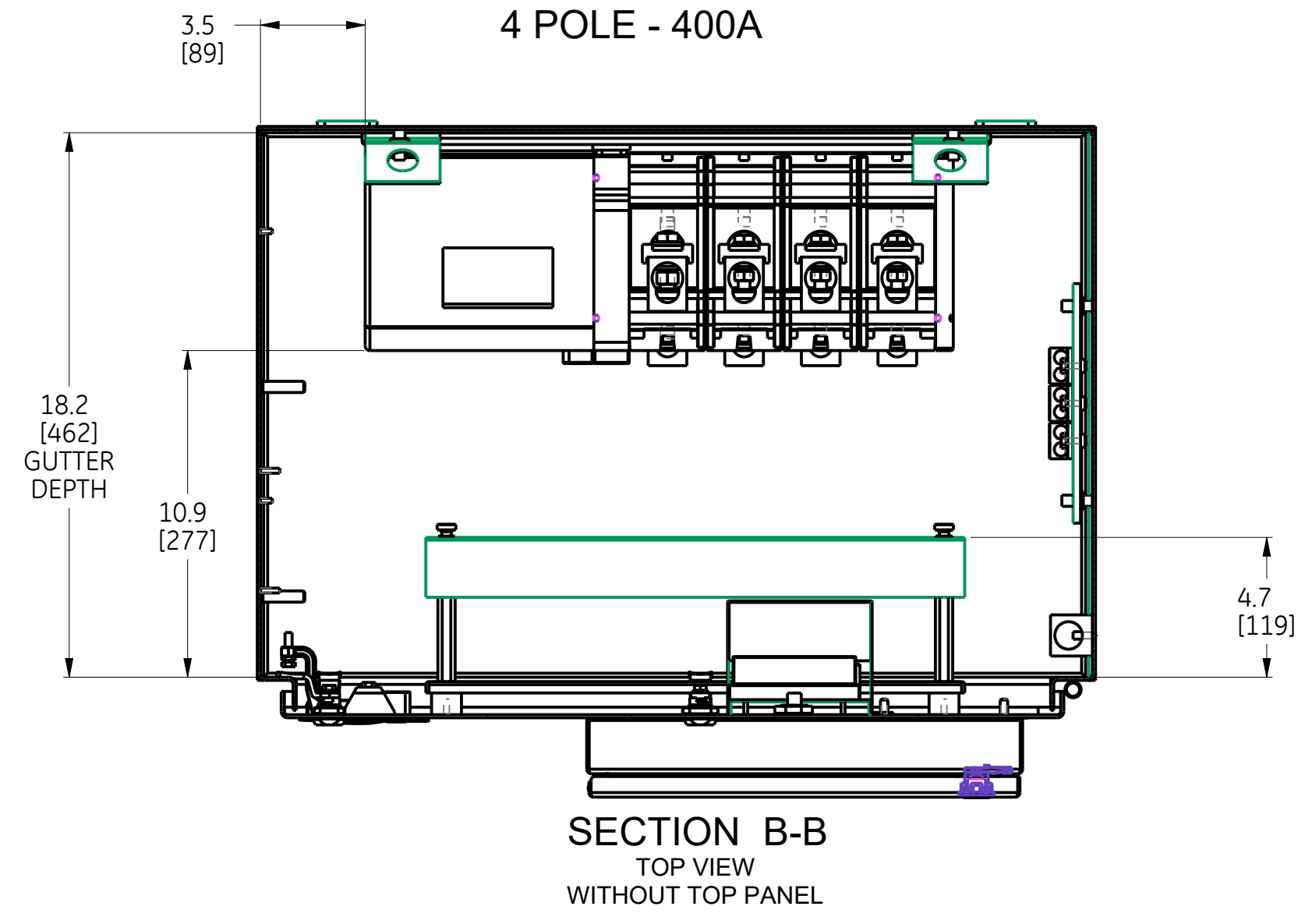
SECTION A-A
LEFT VIEW
WITHOUT SIDE PANEL



FRONT VIEW
WITHOUT DOOR



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



SECTION B-B
TOP VIEW
WITHOUT TOP PANEL

NOTE:
1. REFER TO SHEET (1) FOR COMPLETE NOTE DETAILS
2. MECHANICAL LUGS SHOWN IN ABOVE VIEWS ARE FOR REFERENCE ONLY.

ABB			
SIZE	NUMBER	REV	
D	50C-1065	2	
SCALE	PRODUCT LINE	SHEET	
1:5	ZTX/ZTG(D)	4 of 4	