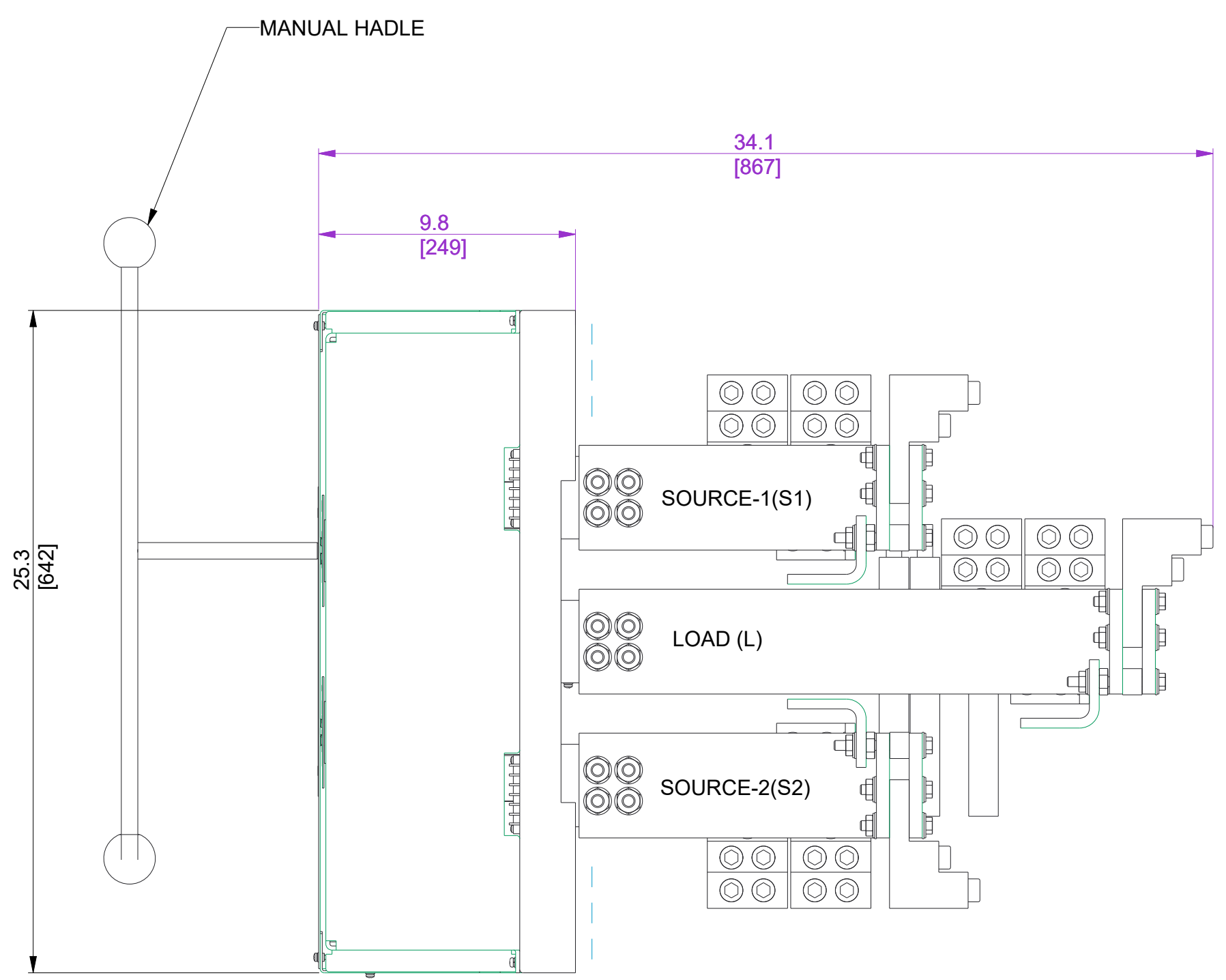
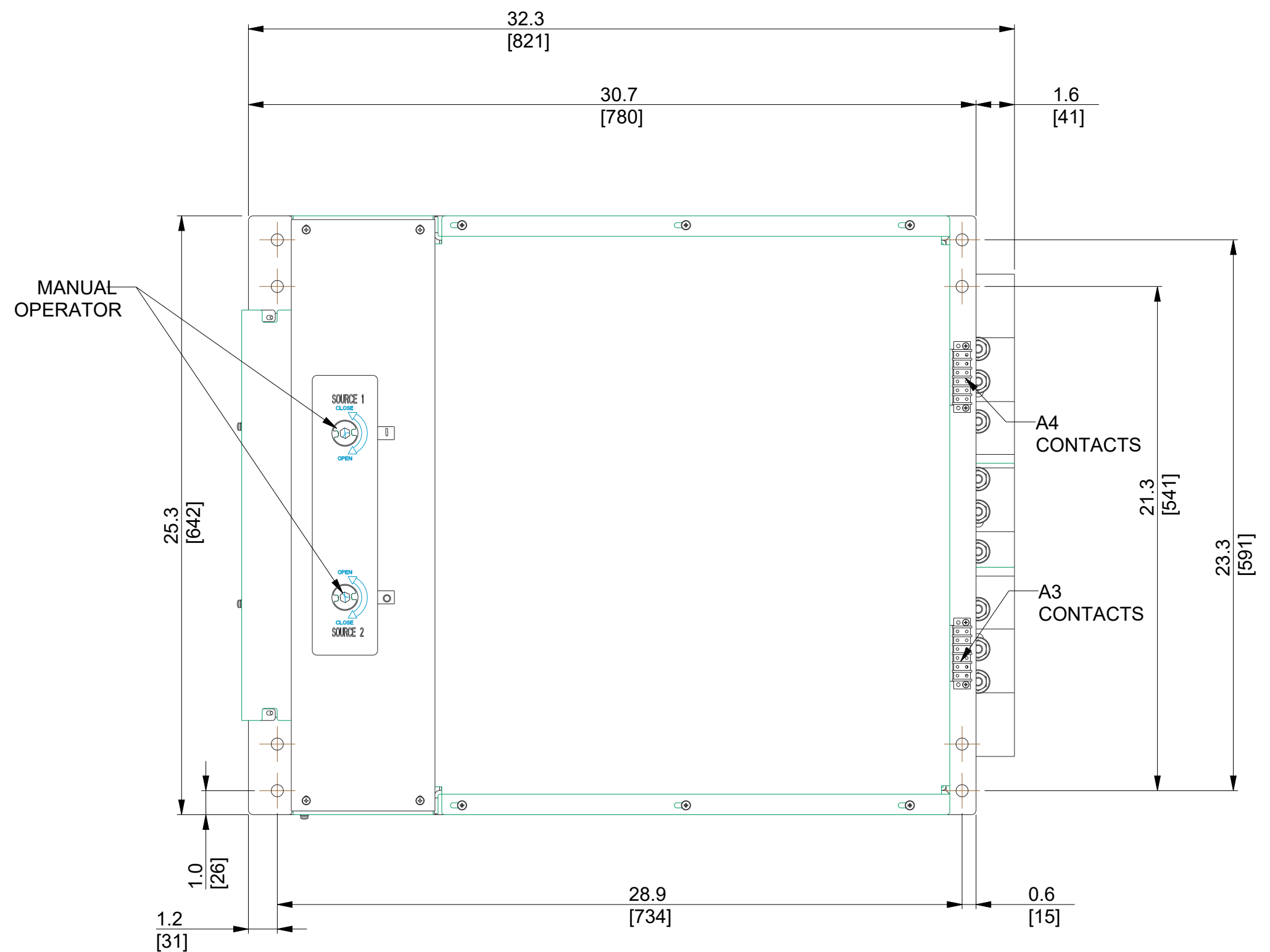


3D Model is the Master Document of Record
 Article or National Must Conform to IEC 61801-1 Procedure 5000000 Sec. 1.4
 Part Must Conform to 3500000 Sec. 4 Toxicity Procedure
 Geometric Dimensioning & Dimensioning as per ASME Y14.5-2009

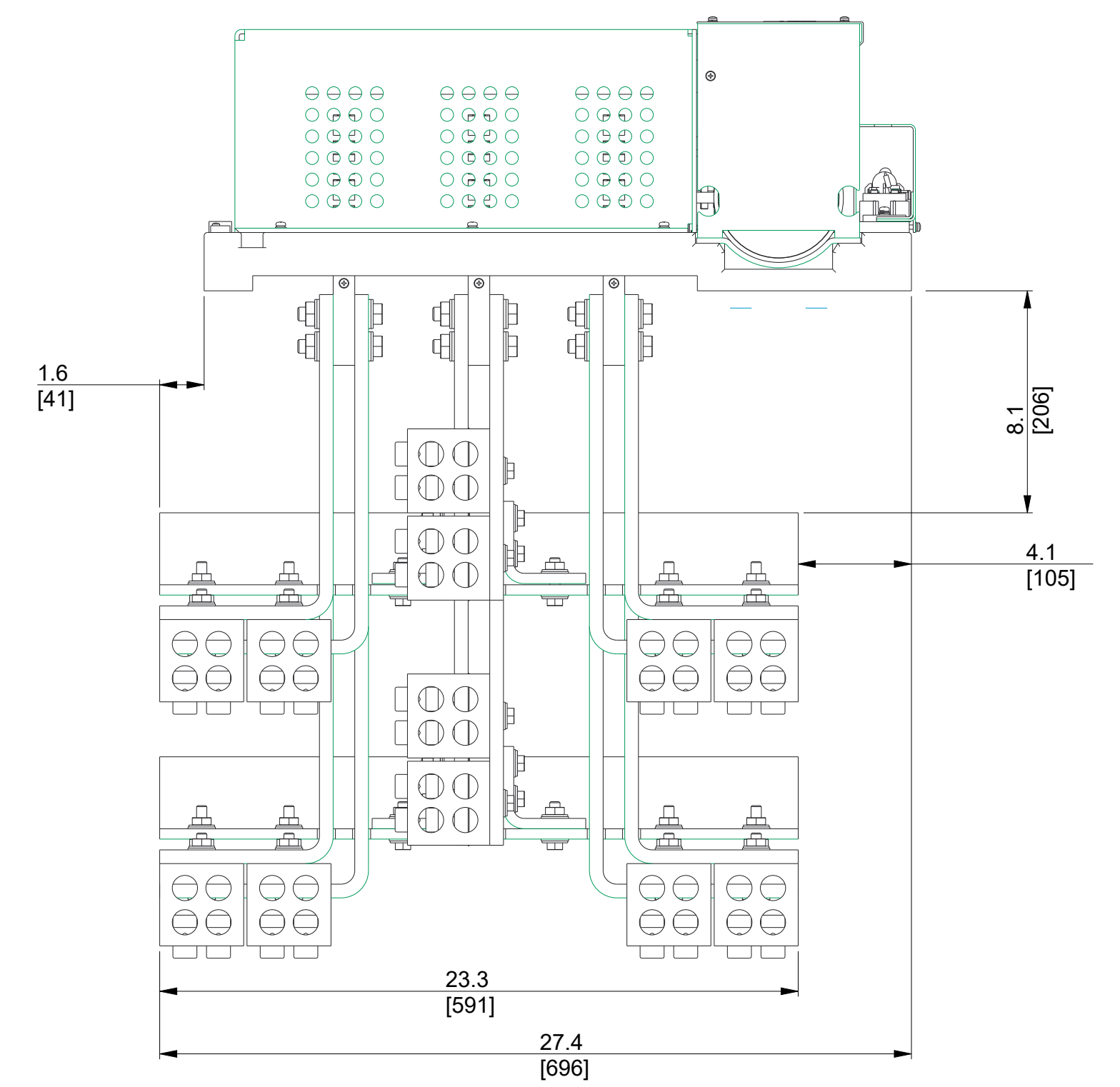
REVISIONS				
REV	BY	DESCRIPTION	DATE	APPROVED
2	GK	C079254	10/25/19	MAS



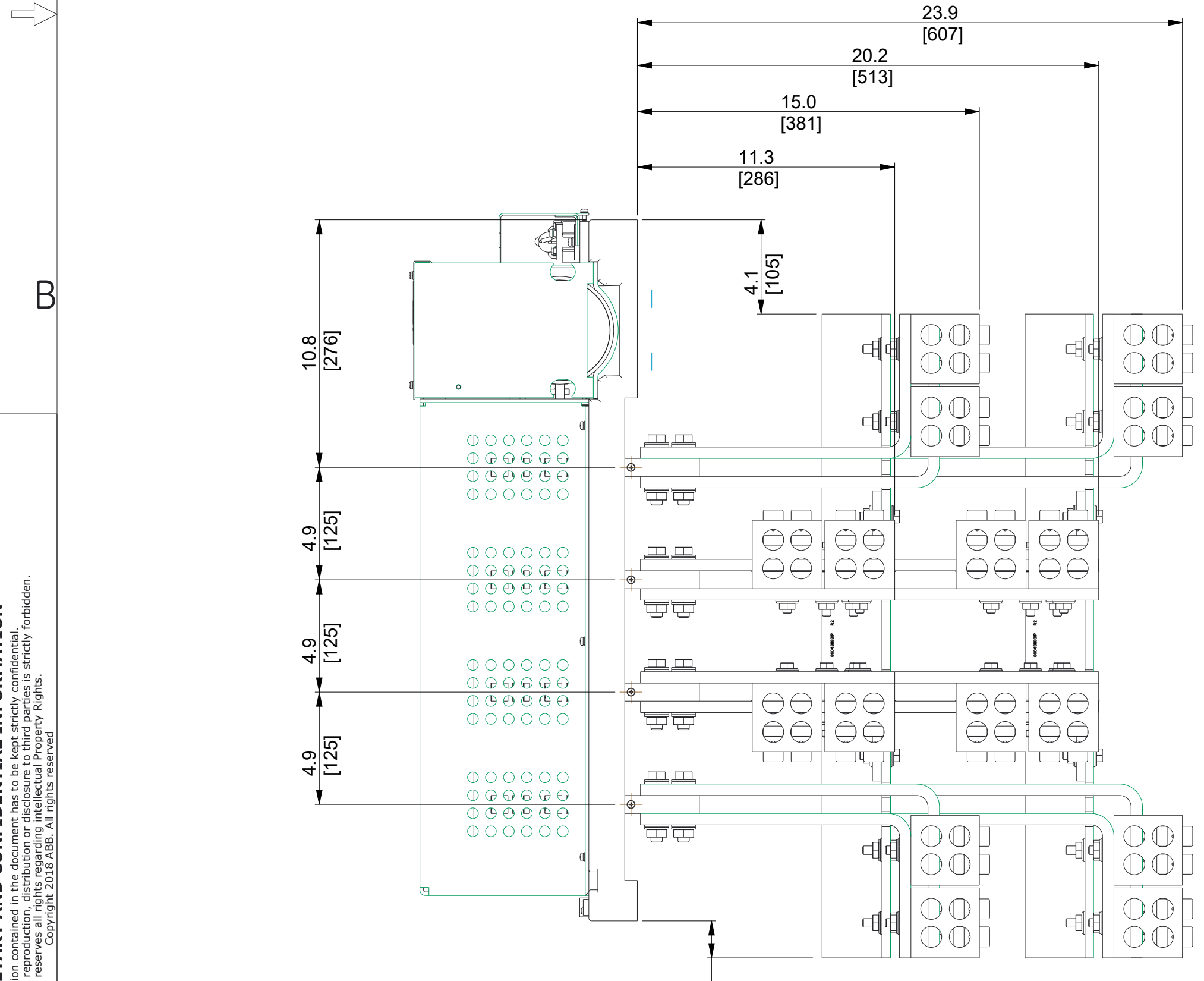
LH SIDE VIEW(4 POLE)



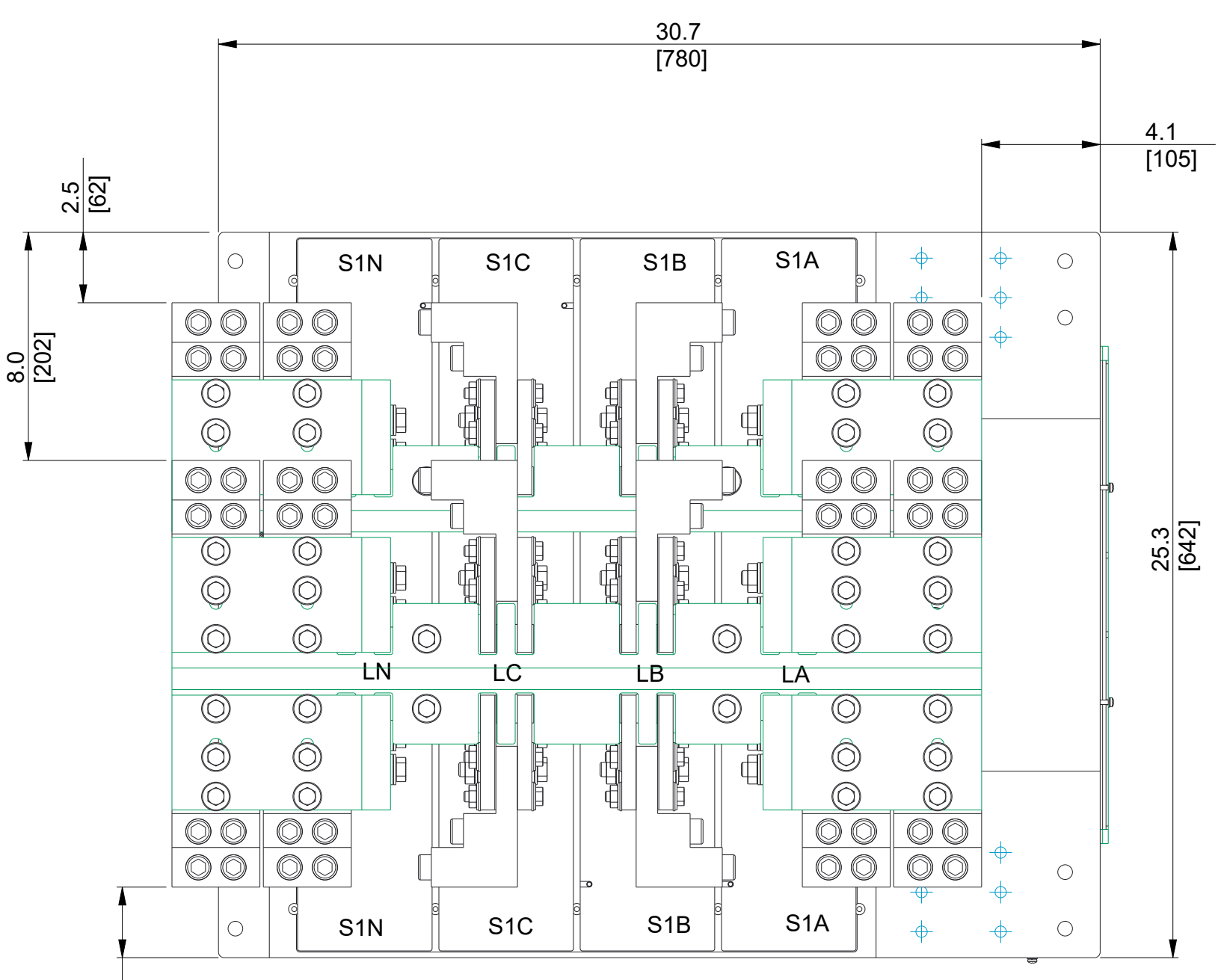
FRONT VIEW (4POLE UNIT)
 (STANDARD TRANSITION)
 SCALE 0.200



TOP VIEW
 (3-POLE UNIT)

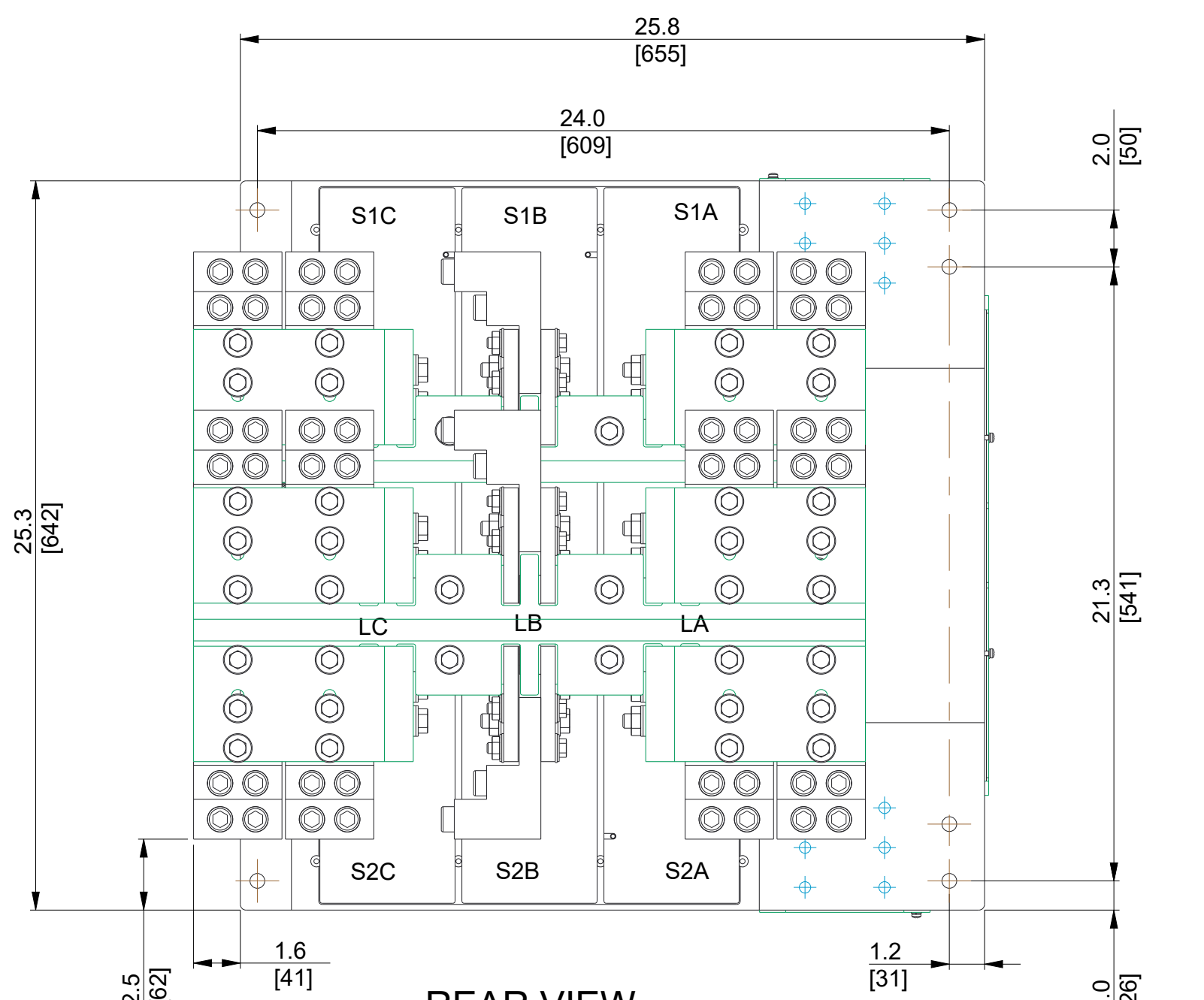


TOP VIEW (4 POLE)



REAR VIEW
 (4-POLE ATS SHOWN)
 SCALE 0.200

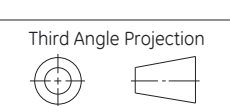
AMP	LUG SIZE
1600-3000A	#2-600 MCM (33-304 MM2) (QTY 8)



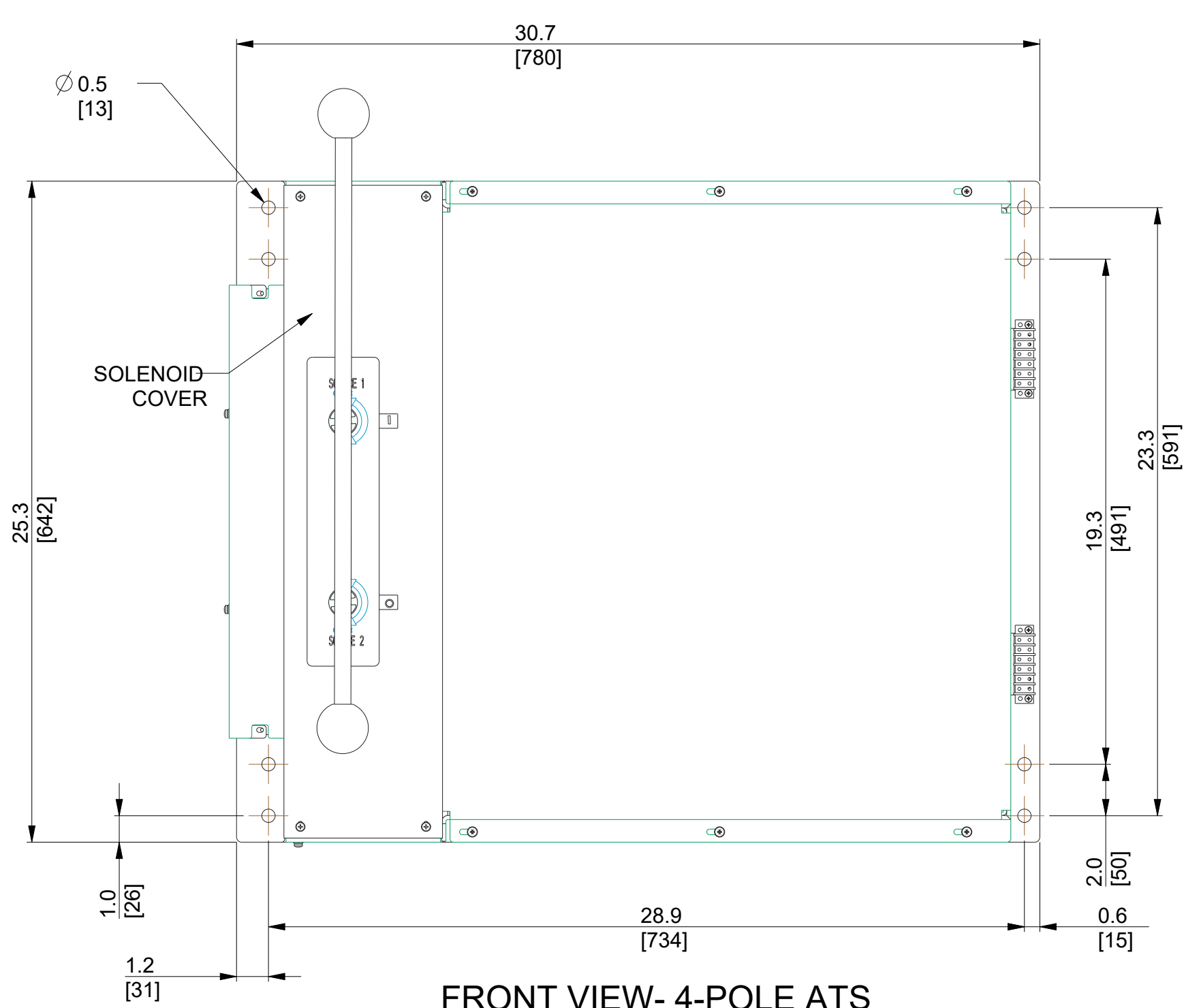
REAR VIEW
 (3-POLE ATS SHOWN)
 SCALE 0.200

NOTE:
 1. REFER SHEET 2 FOR COMPLETE NOTE DETAILS.
 2. STANDARD, DELAY AND CLOSED TRANSITION ATS HAS SAME DIMENSION EXCEPT THE DIFFERENCES SHOWN IN PAGE 2 "DELAY AND CLOSED TRANSITION PANEL" VIEW.

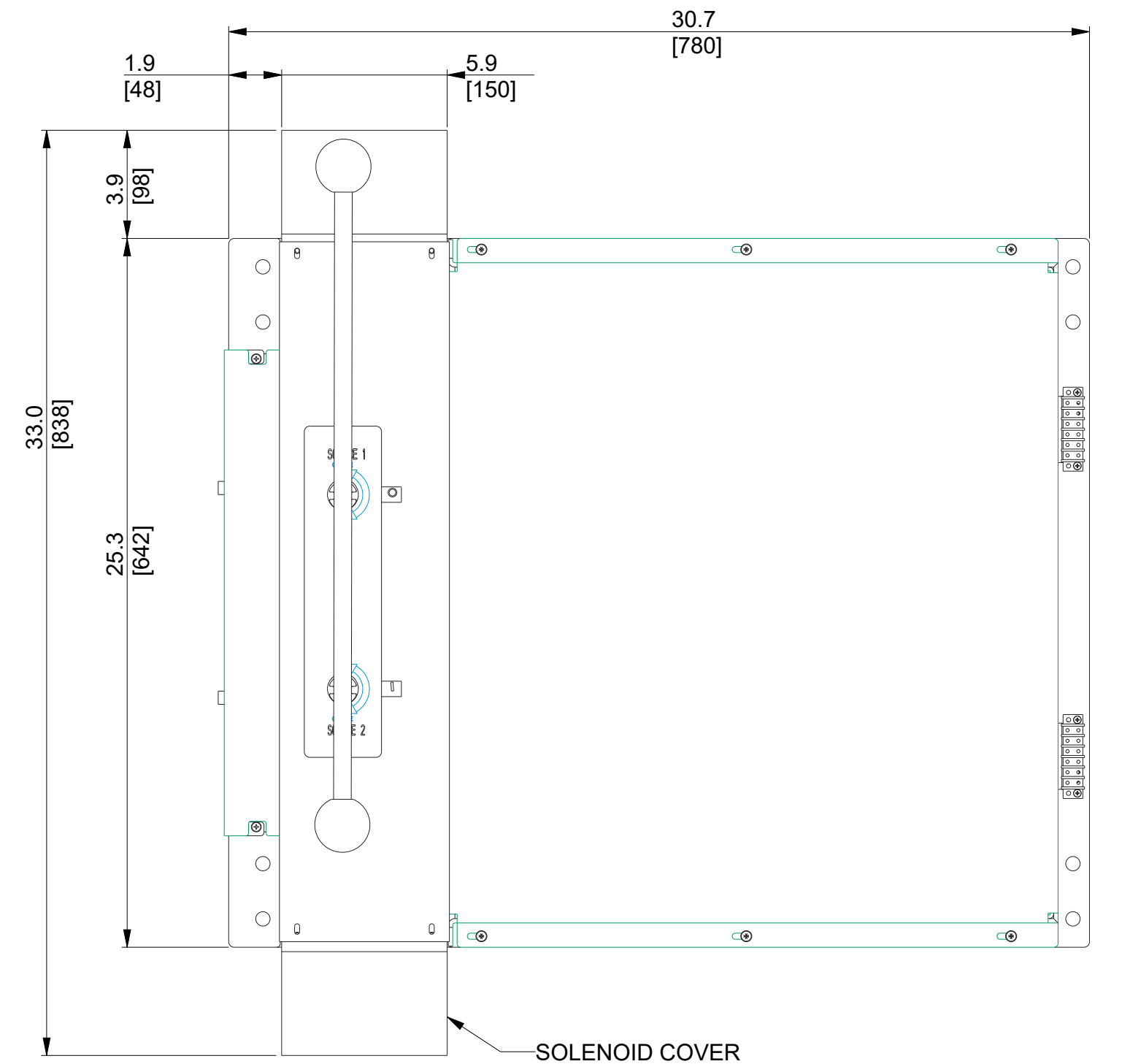
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DRAWING FILE: 50C-1050		MODEL FILE: 50C-1050		ABB	
DATE MODIFIED: 24-Oct-19 02:12:20 PM		DESIGNED BY: MAS			
VOLUME: 0.000 in^3		APPROVED BY: MAS		TITLE: OPEN TYPE ATS-LAYOUT 1600-3000A REAR BUS W/LUG	
MASS: 0.000 lbm		FINISH SPECIFICATION: ---		UNITS: in	
UNLESS OTHERWISE SPECIFIED		MATERIAL DESCRIPTION: ---		LOCAL TITLE: FOR STD, DELAY AND CLOSED TRANSITION	
TOLERANCE ON: 1 PL DECIMALS: ± 0.1 2 PL DECIMALS: ± 0.02 3 PL DECIMALS: ± 0.005 ANGLE: ± 1.0		FINISH DESCRIPTION: ---		SIZE: D	
				ROOT NUMBER: 50C-1050	
				REV: 2	
				RELEASE STATE: In Work	
				SCALE: 0.111	
				PRODUCT LINE: ---	
				SHEET: 1 of 3	

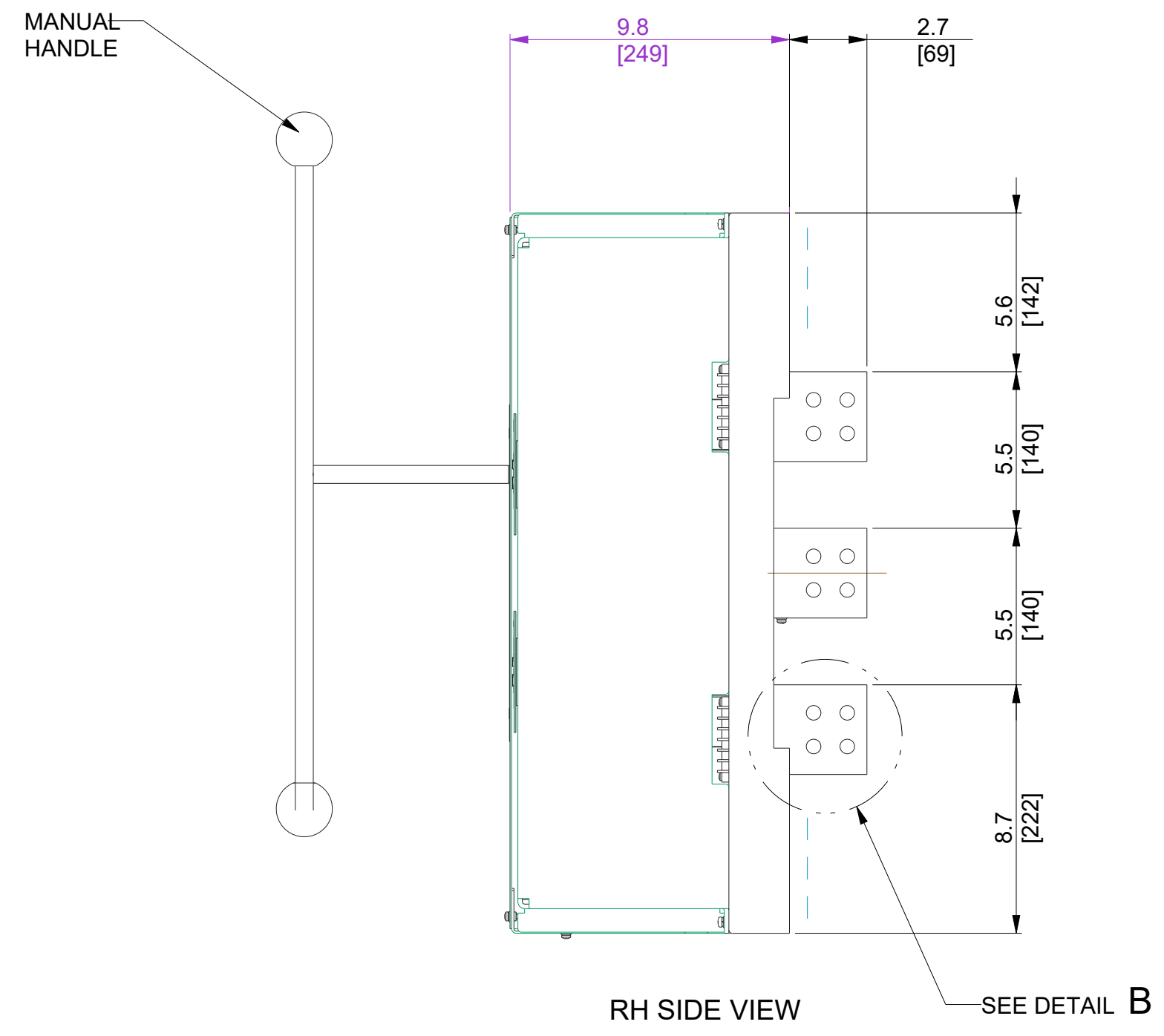


**FRONT VIEW- 4-POLE ATS
(STANDARD TRANSITION)**
SCALE 0.200

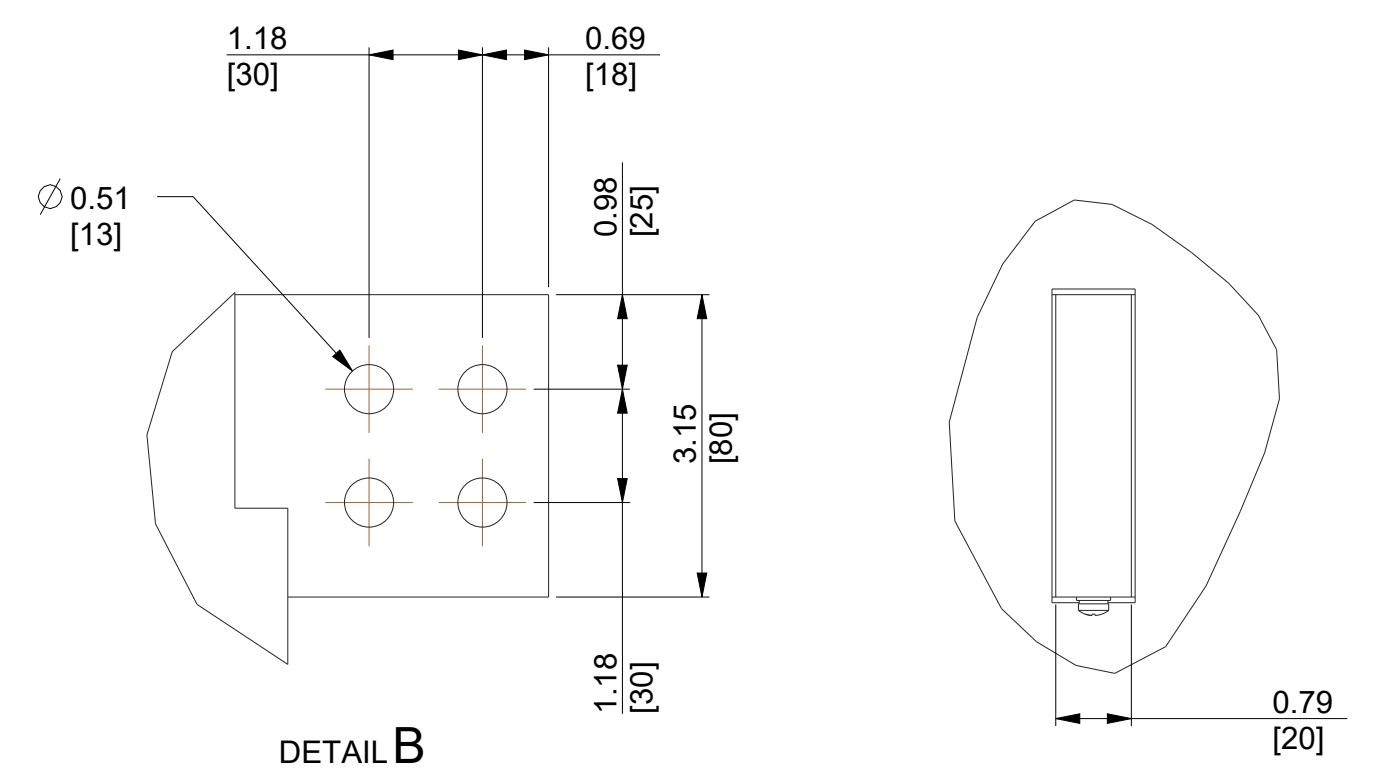


**FRONT VIEW- 4-POLE ATS
(DELAYED AND CLOSED TRANSITION)**
SCALE 0.200

- DELAY AND CLOSED TRANSITION PANEL HAS LONGER SOLENOID COVER

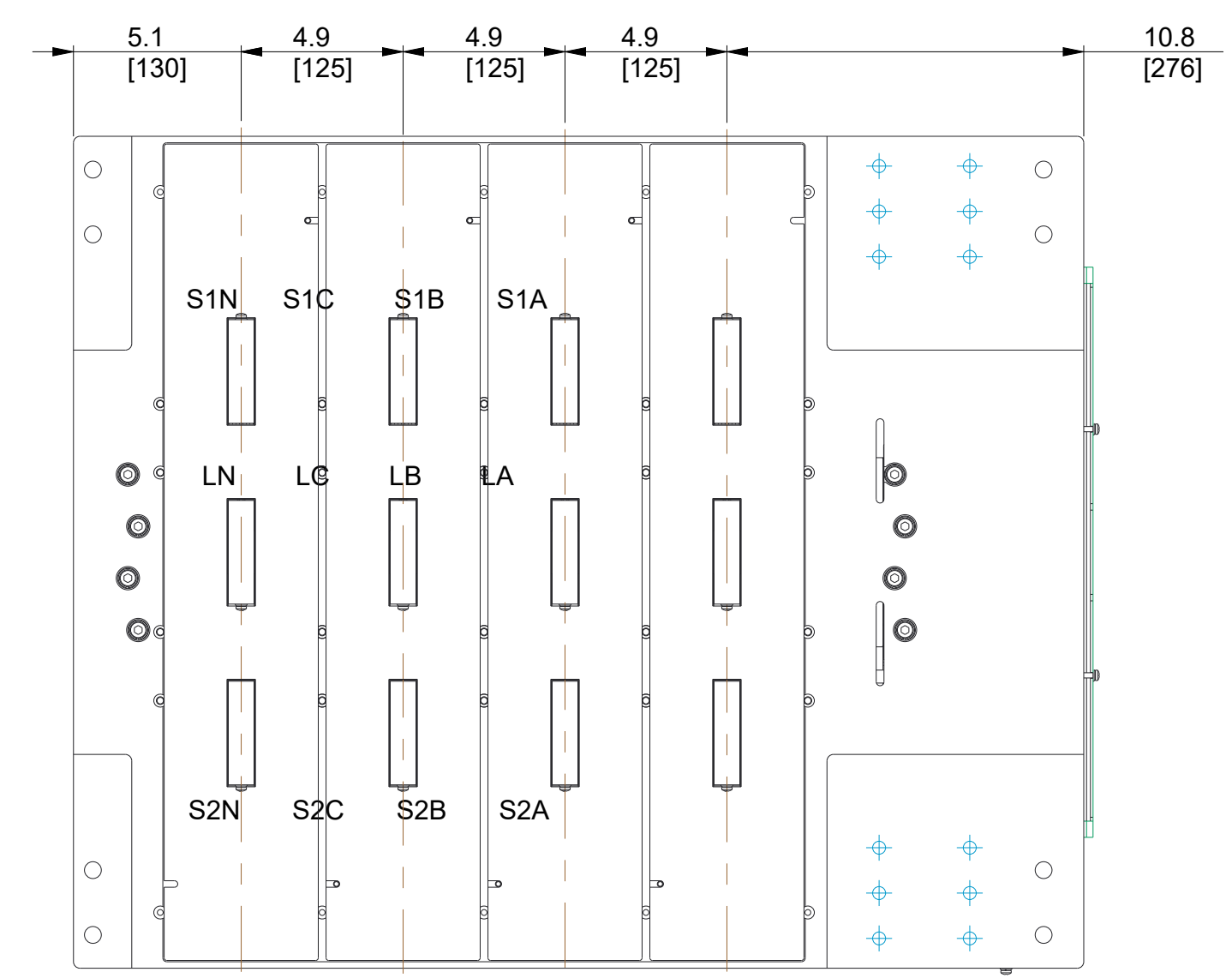


RH SIDE VIEW SEE DETAIL B

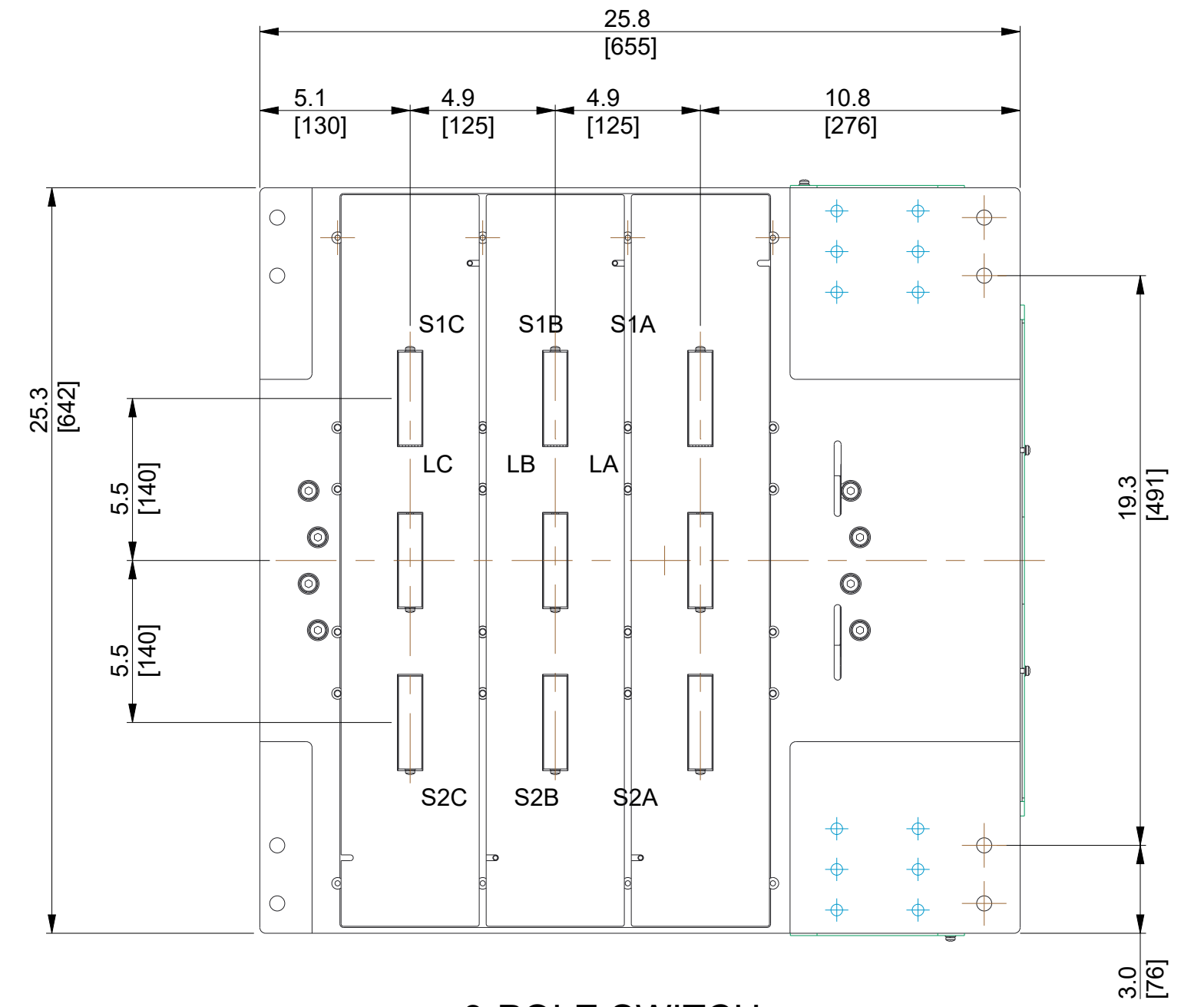


**DETAIL B
COPPER BUS ON
BACK**
SCALE 0.500

- NOTE :**
1. CONSTRUCTION PER UL-1008 STANDARD.
 2. OPEN TYPE SWITCH SUPPLIED WITH 6 FT(1,8m) LONG HARNESS BETWEEN POWER AND CONTROL PANELS. HARNESS EXITS FROM LOWER RIGHT CORNER OF POWER PANEL.
 3. REAR CONNECT DESIGN. RUN ALL CABLES REAR OF THE PANEL. REAR OR SIDE ACCESS REQUIRED FOR CABLE/BUS CONNECTION.
 4. STANDARD SWITCH CONFIGURATION IS TOP SOURCE-1, MIDDLE LOAD AND BOTTOM SOURCE2.
 4. MAINTAIN ELECTRICAL CLEARANCE OF 1(25.4mm) MIN. BETWEEN LIVE METAL PARTS AND GROUNDED METAL.
 5. LUGS ARE OPTIONAL. ADD LUG OPTION IN ORDER AS REQUIRED.
(MECHANICAL LUGS SHOWN IN VIEWS FOR REFERENCE ONLY)
 6. COMPRESSION LUG AVAILABLE AS OPTION. CONTACT FACTORY FOR DETAILS.
 6. REFER LUG TORQUE TABLE SUPPLIED WITH ATS FOR FIELD TORQUE INFORMATION.
 7. REFER NEMA-1 CABINET DRAWING FOR RECOMMENDED CABINET SIZE.
 8. 100% RATED SOLID/SWITCHED NEUTRAL PROVIDED PER THE SWITCH CONFIGURATION.
 9. ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SHOWN IN INCHES(MILLIMETERS).
 10. SEE "DOOR DETAIL" & "CONTROL PANEL" DIMENSIONS ON SHEET 3.
 11. OPERATING HANDLE WILL SHIP LOOSE WITH THE ATS UNIT. REFER PAGE 3 FOR HANDLE DETAILS



**4-POLE SWITCH
BUS DETAILS (REAR VIEW)**



**3-POLE SWITCH
BUS DETAILS (REAR VIEW)**
SCALE 0.200

ATS PANEL WEIGHT (WITHOUT LUG):

AMP	POLE	WEIGHT LB (KG)
1600-3000A	3 POLE	410 (185)
	4 POLE	463 (210)

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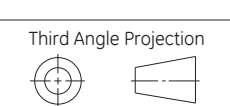
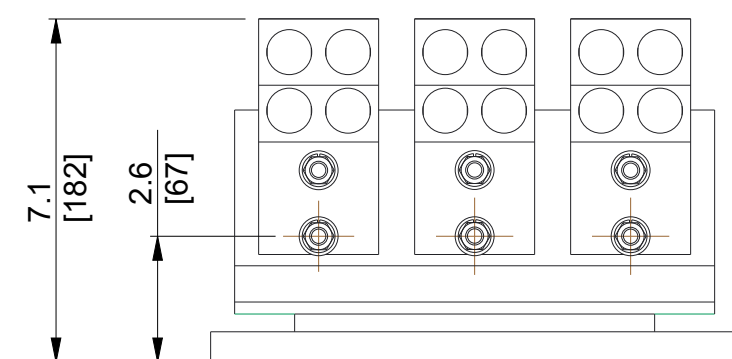
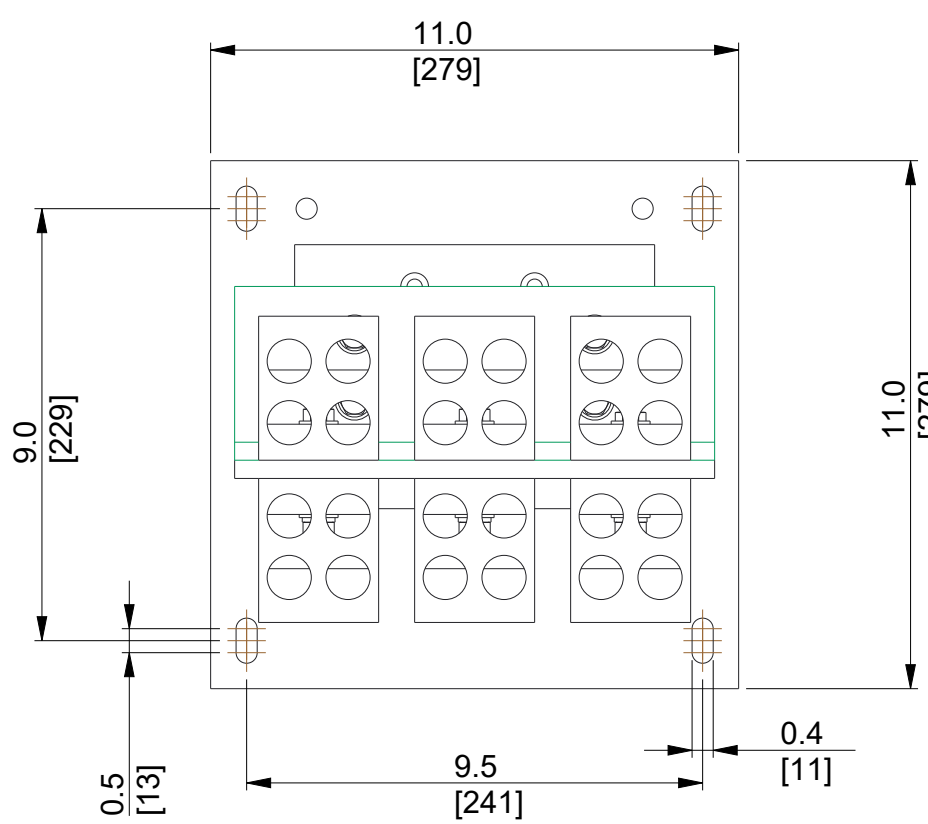


ABB		
SIZE D	NUMBER 50C-1050	REV 2
SCALE 0.143	PRODUCT LINE 1600-3000A REAR BUS W/LUG	SHEET 2 of 3



TOP VIEW

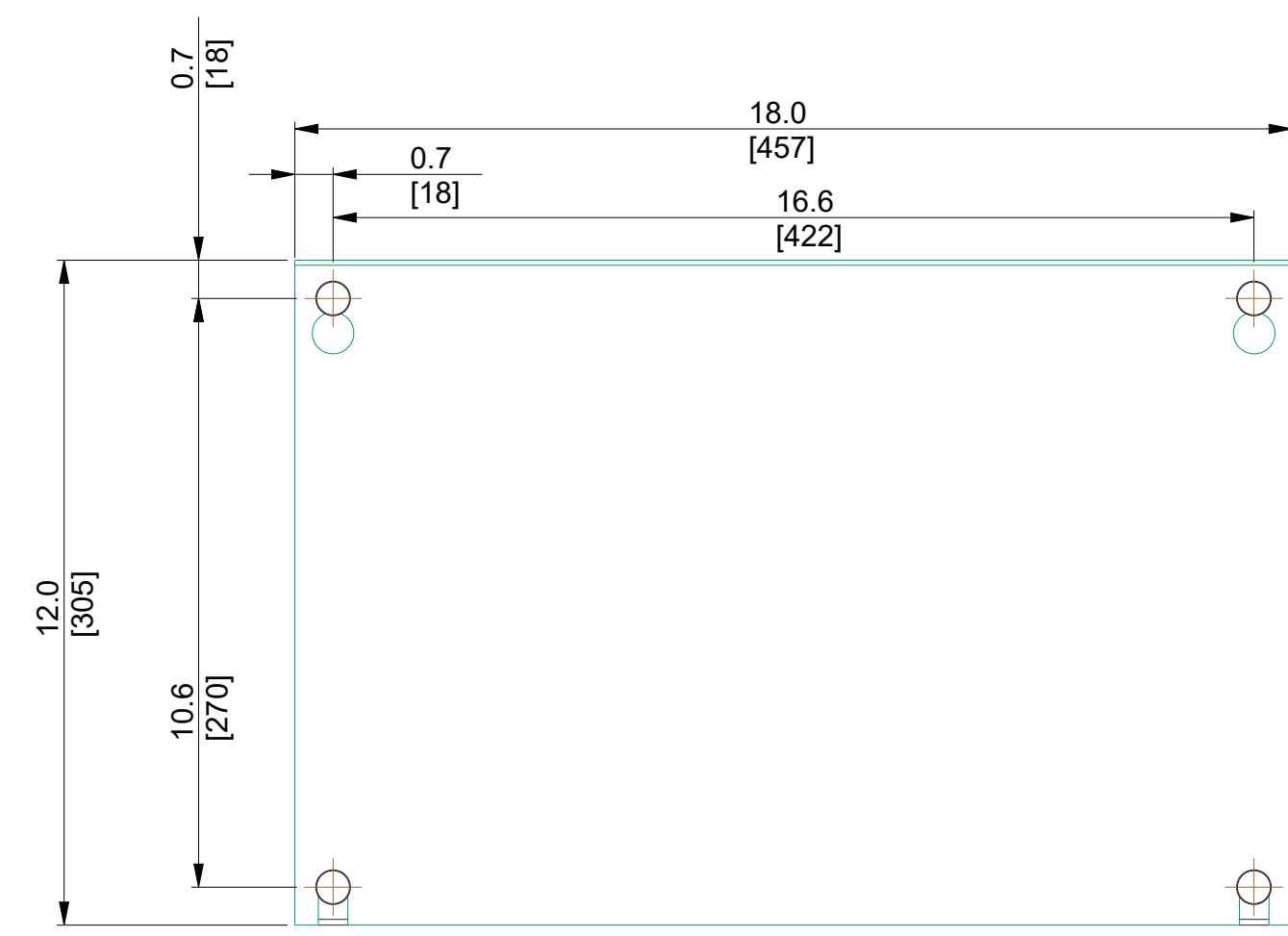


FRONT VIEW

NEUTRALBAR ASSEMBLY

(SHOWN WITH MECHANICAL LUG)
(SEE NOTE ON PAGE 2 FOR DETAILS)

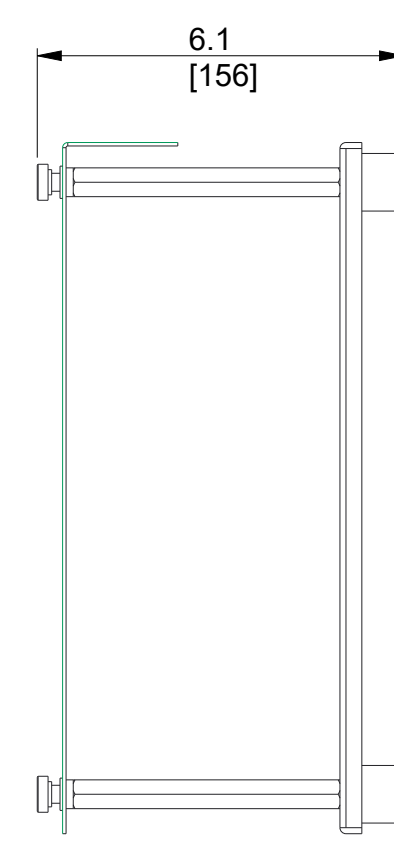
SCALE 0.250



FRONT VIEW

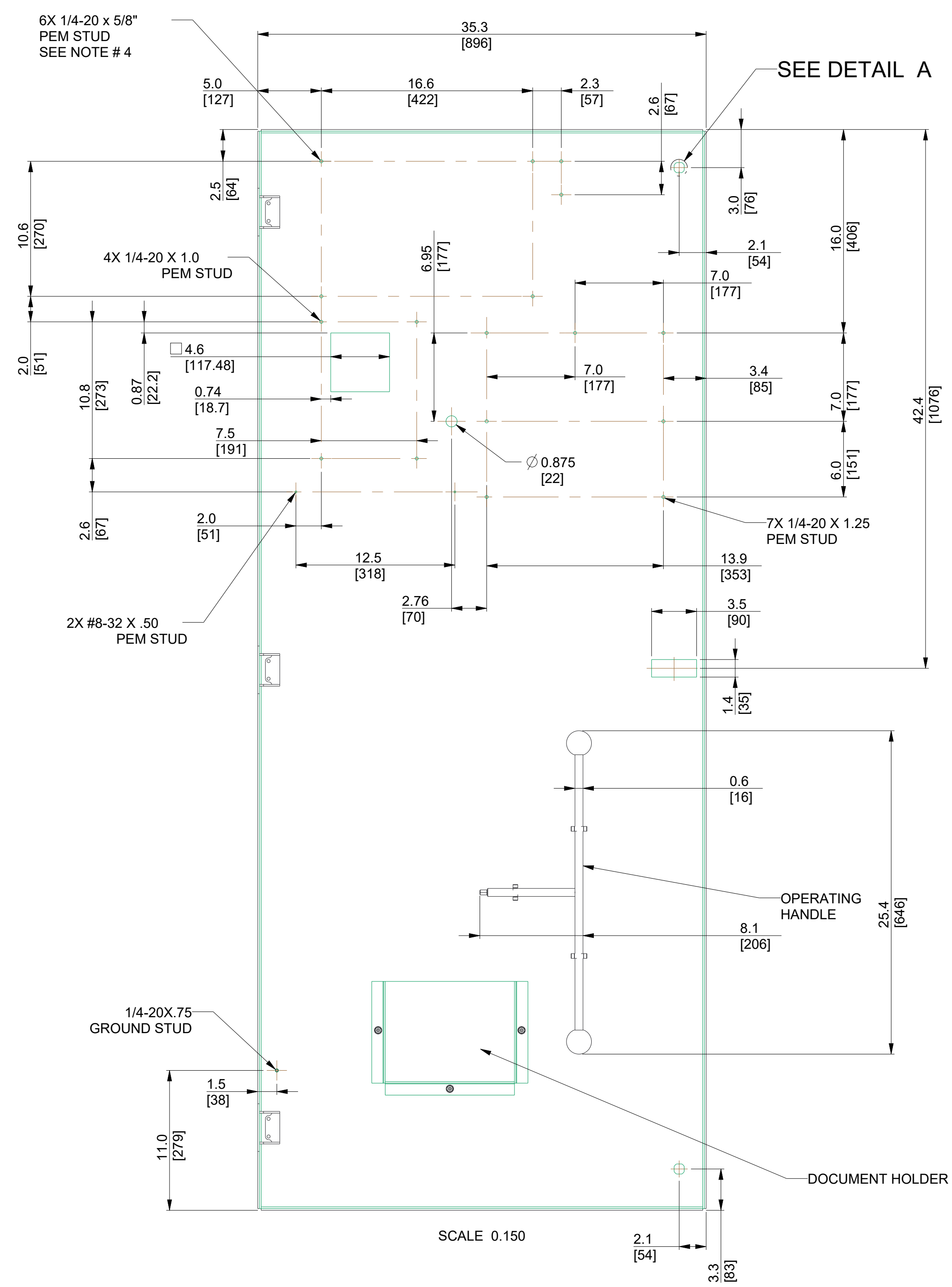
AUXILIARY PANEL

SCALE 0.300



RH SIDE VIEW

NOTE: AUXILIARY PANEL IS ONLY PROVIDED WHEN ANY OPTION REQUIRED IT.



**INSIDE DOOR VIEW
SHOWN FOR REFERENCE**

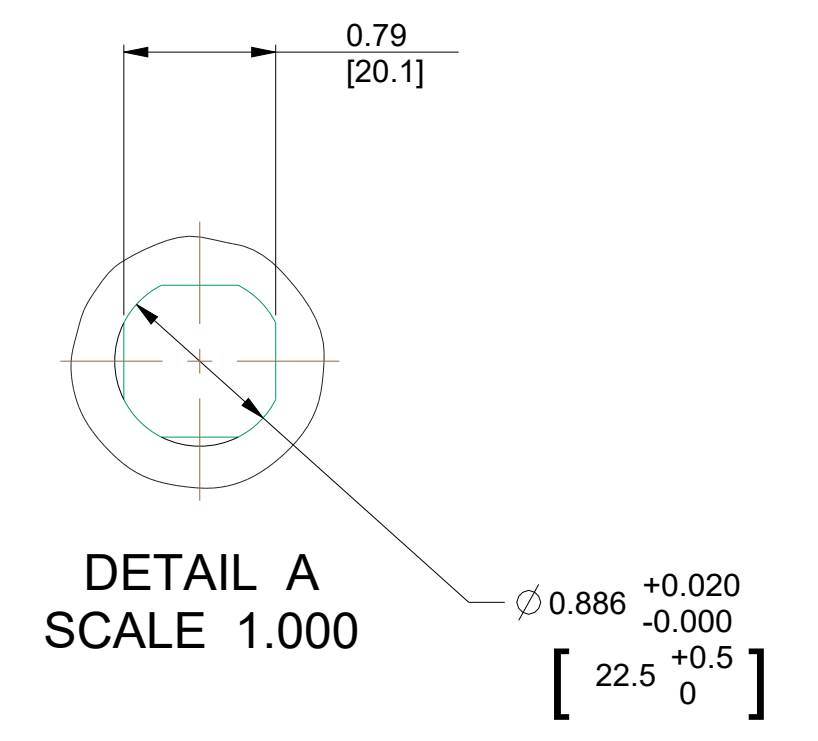


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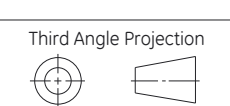


ABB		
SIZE	NUMBER	REV
D	50C-1050	2
SCALE	PRODUCT LINE	SHEET
0.500	1600-3000A REAR BUS W/LUG	3 of 3