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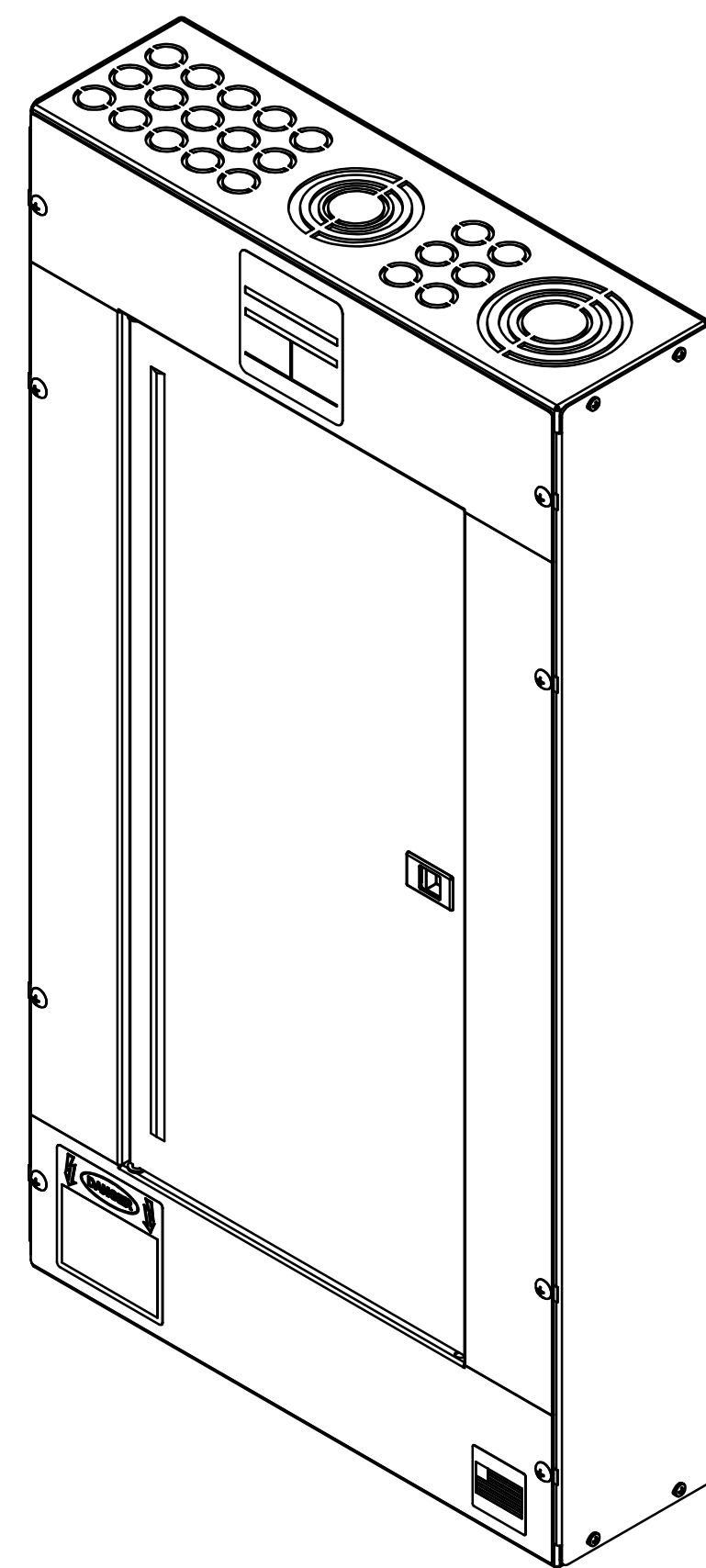
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SPECIFICATIONS:

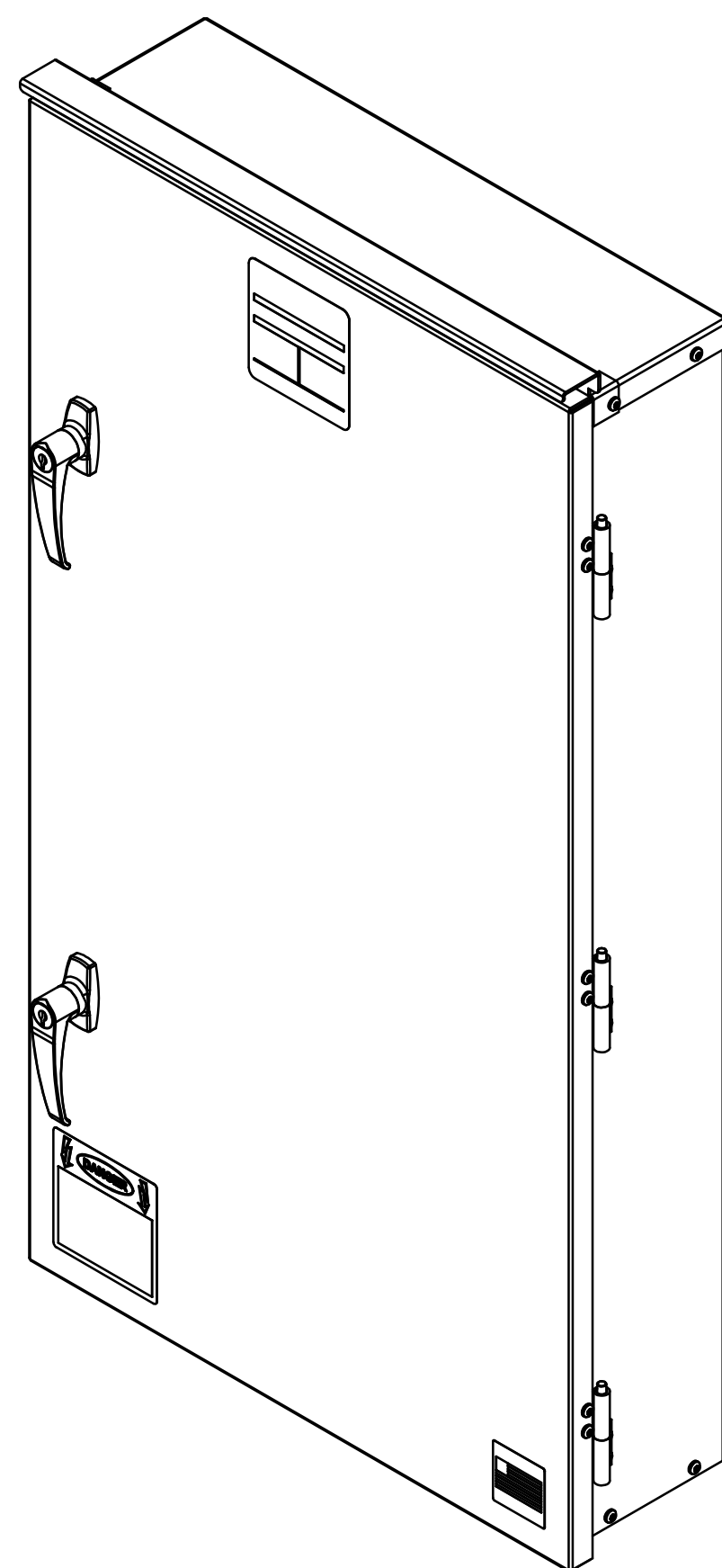
- A. DCP ASSEMBLY IS NRTL LISTED VIA CSA GROUP SPECIAL INDUSTRIAL CONTROL PANEL (SICP) SHOP PROGRAM. ASSEMBLY DESIGNED, MANUFACTURED, AND TESTED TO STANDARDS:
 - CSA C22.2 No.286-17
 - UL 508A
- B. ALL BREAKERS (MAIN FEEDER & DISTRIBUTION) ARE LISTED TO UL 489.
- C. NEMA-1 ENCLOSURE IS CONSTRUCTED OF 16 GA STEEL.
- D. NEMA-3R/5/12 (WP) ENCLOSURE IS CONSTRUCTED OF 14 GA STEEL.
- E. **MAXIMUM LOAD** ON FEEDERS (OR SUM OF DC SOURCES) NOT TO EXCEED 600A.

ITEM No.	PRODUCT SELECTION TABLE					
	HEIGHT (H)		MOUNTING (M)		# BRANCH BREAKERS	
	IN	MM	IN	MM	2-POLE	1-POLE
DCP38	38.00	965	32.00	813	12	24
DCP56	56.00	1423	50.00	1270	24	48
DCP38WP	40.26	1023	31.22	793	12	24
DCP56WP	58.26	1480	49.22	1250	24	48

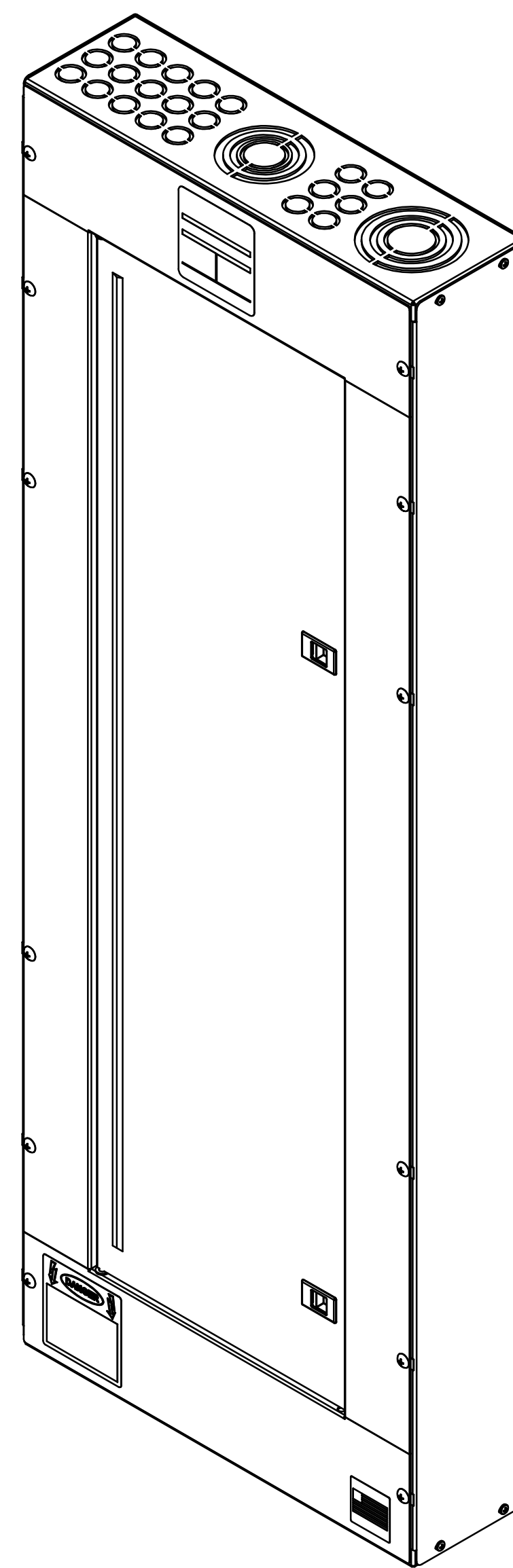
*CONSULT FACTORY FOR PRODUCT ITEM AVAILABILITY



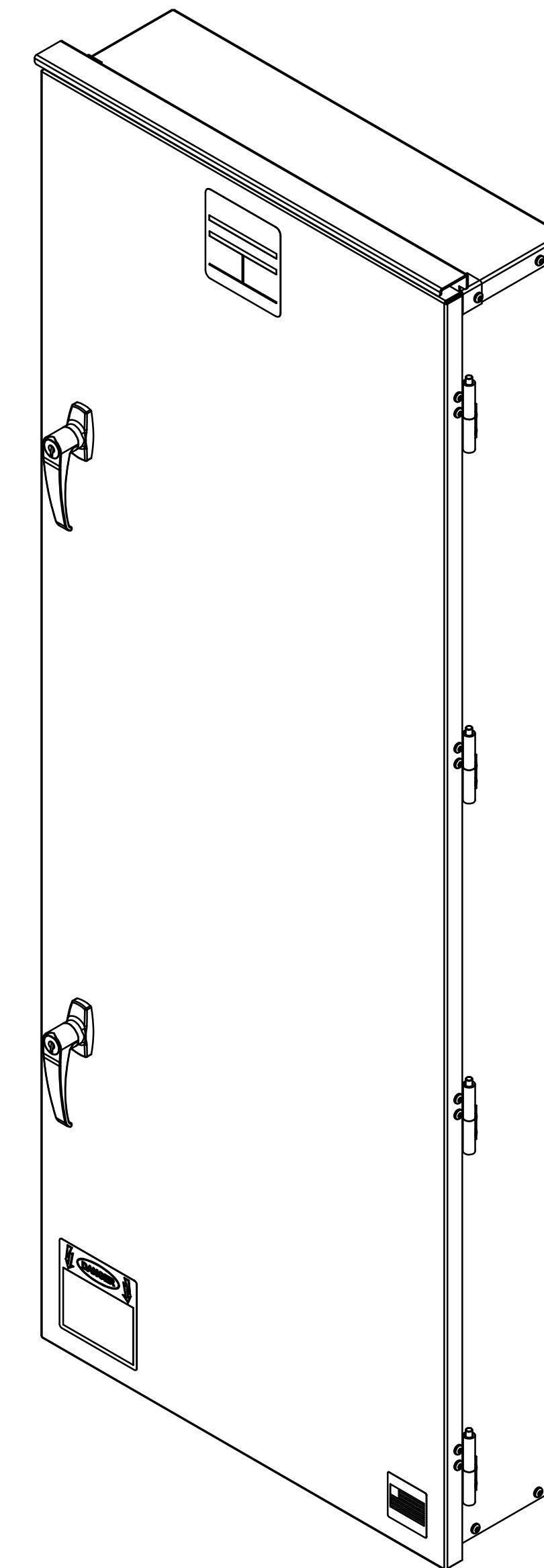
DCP38
SPECIFICATION "C"



DCP38WP
SPECIFICATION "D"



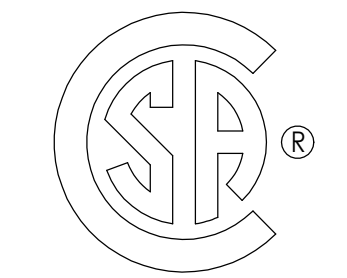
DCP56
SPECIFICATION "C"



DCP56WP
SPECIFICATION "D"

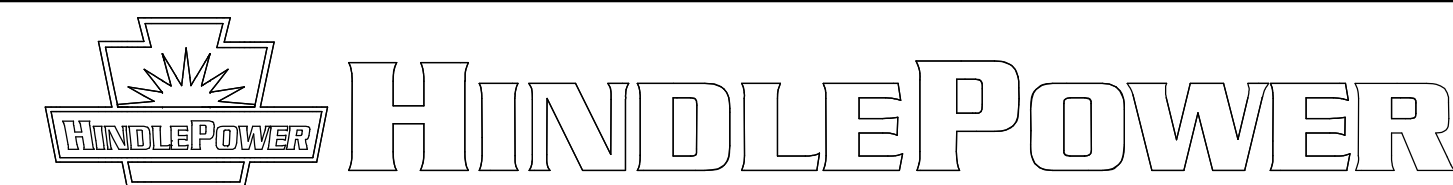
NOTES:

1. ALL WIRING SHOULD CONFORM TO NEC, LOCAL, AND SITE REGULATIONS. ONLY USE COPPER (CU) CONDUCTORS.
2. UP TO THREE (3) MAIN BREAKERS AVAILABLE, 250VDC, 50-250ADC.
 - a. "Hx" FRAME: COMPRESSION TERMINALS WILL ACCOMMODATE WIRE SIZES FROM #14 TO 3/0 AWG (50A-150A TRIP RATINGS AVAILABLE).
 - b. "Jx" FRAME: COMPRESSION TERMINALS WILL ACCOMMODATE WIRE SIZES FROM:
 - a. 4 AWG TO 4/0 (150A AND 175A TRIP RATINGS AVAILABLE).
 - b. 3/0 TO 350kcmil (200A, 225A, AND 250A TRIP RATINGS AVAILABLE).
3. BRANCH BREAKERS ARE SQUARE-D B-FRAME POWERPACT SERIES WITH COMPRESSION LUGS ACCEPTING #14 TO 3/0 AWG. BREAKERS ARE RATED FOR 250VDC @ 15-125ADC.
4. GROUND COMPRESSION LUG TERMINAL WILL ACCEPT WIRES FROM #14 TO 1/0 AWG.
5. SINGLE POLE BRANCH BREAKERS AVAILABLE (CONTACT FACTORY FOR CONFIGURATIONS).
6. GLAND PLATES ARE FIELD SWAPPABLE PRIOR TO INSTALLATION.
7. SINGLE MAIN BREAKER MUST BE INSTALLED IN THE CENTER POSITION.
8. IF MAIN BREAKERS & MAIN LUGS ARE REQUIRED, LUGS WILL BE INSTALLED ON BOTTOM OF MAIN BUS BELOW BRANCH BREAKERS. OPTION NOT AVAILABLE FOR SINGLE-POLE BRANCH BREAKERS.



C US
SICP (SPEC A)

REV. 7	DRN BY MS	CHK BY KJB	APP BY SW	DATE 6/5/2024	DRN BY MS	DATE: 12/17/2021
DESCRIPTION				UPDATED TO SHOW WEATHER PROOF DESIGNS/DOC CLEAN UP & UPDATED MAX AMPS	CHK BY SW	DATE: 12/17/2021
				APP BY MD	DATE: 12/17/2021	TITLE
				UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS FOLLOW THE ANSI SYSTEM IPS (INCHES-POUNDS & SECONDS) TOLERANCES ARE: FRAC. ±1/64, DEC. ±0.015, ANG ±.25°		



DC CONTROL PANEL

B SCALE 1:10 DWG No **JE5368-00** REV 7 SHEET 1 OF 5

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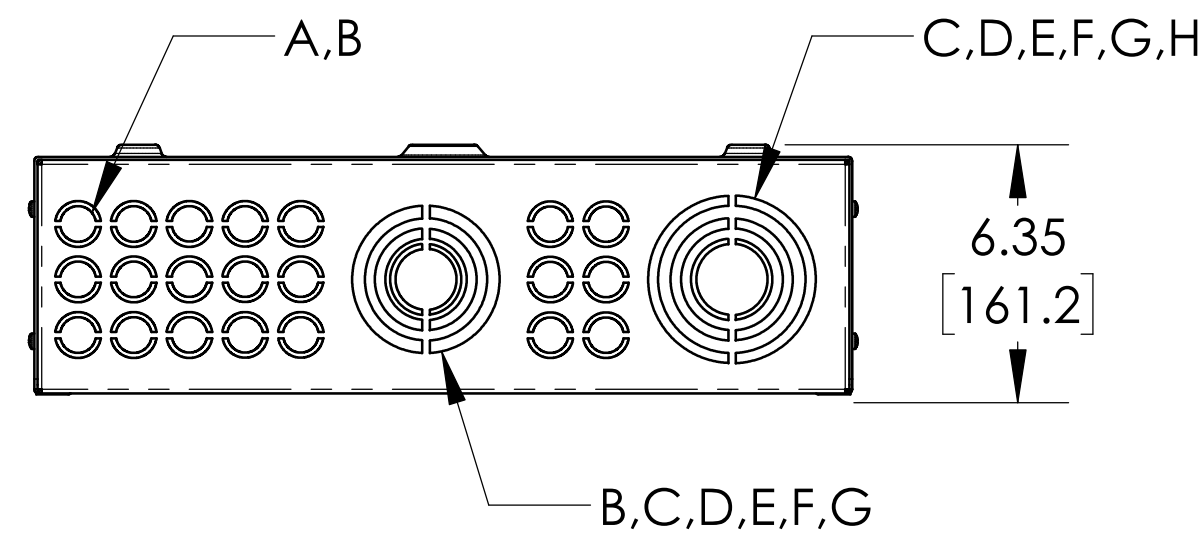
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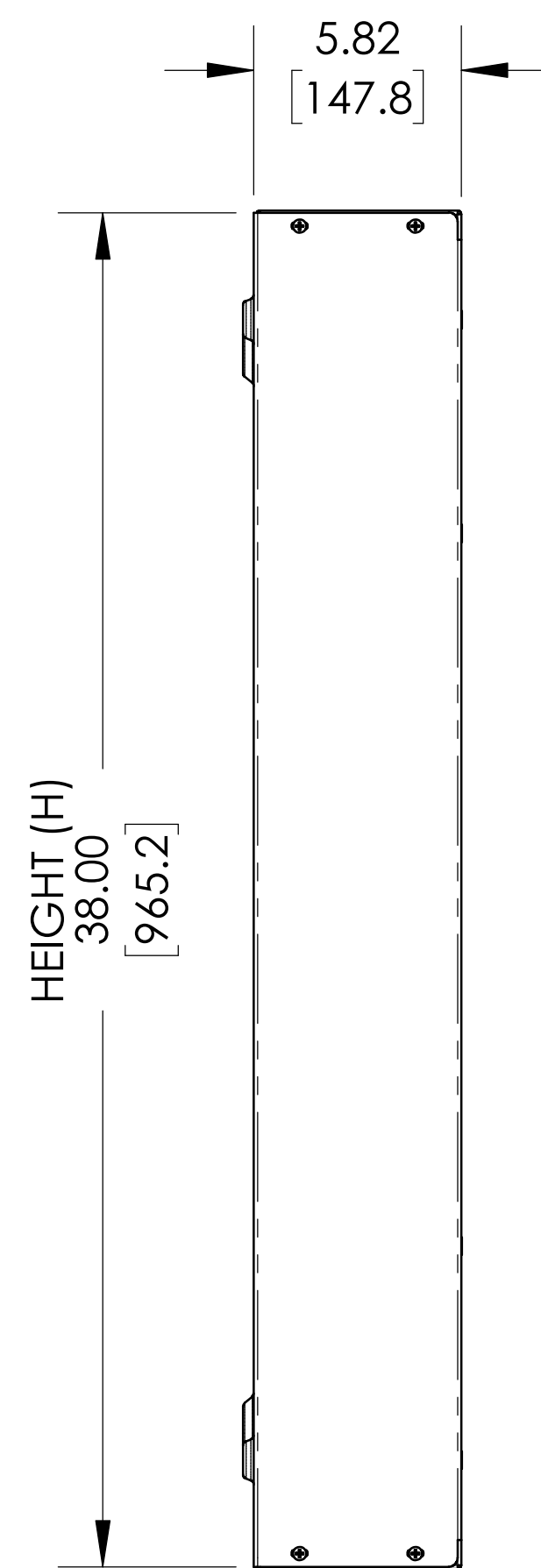
KNOCKOUT TABLE

SYMBOL	CONDUIT SIZE		KNOCKOUT SIZE	
	IN	MM	IN	MM
A	0.50	13	0.88	22
B	0.75	19	1.12	28
C	1.25	32	1.75	44
D	1.50	38	2.00	51
E	2.00	51	2.50	64
F	2.50	64	3.00	76
G	3.00	76	3.62	92
H	3.50	89	4.12	105

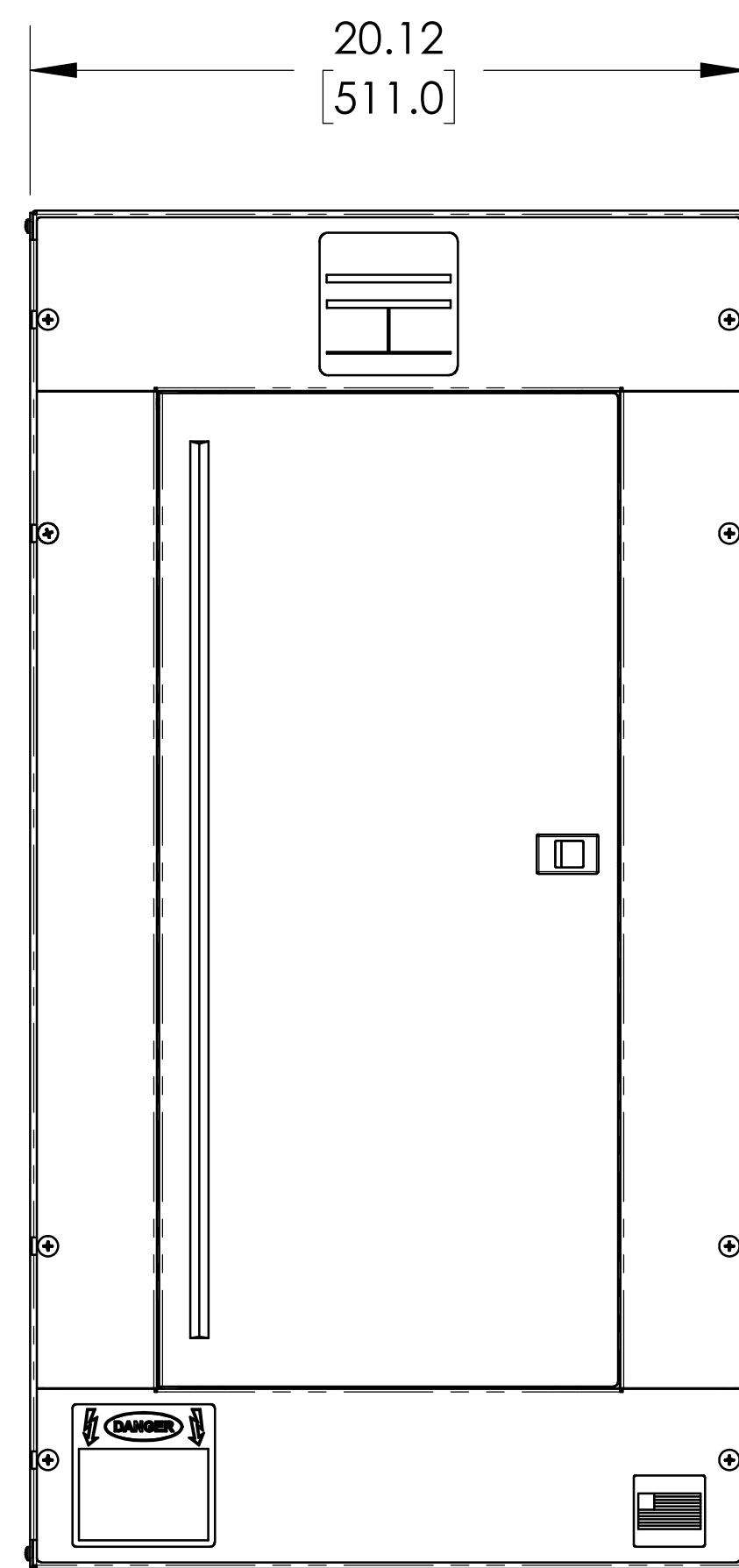
DCP38
SPECIFICATION "C"



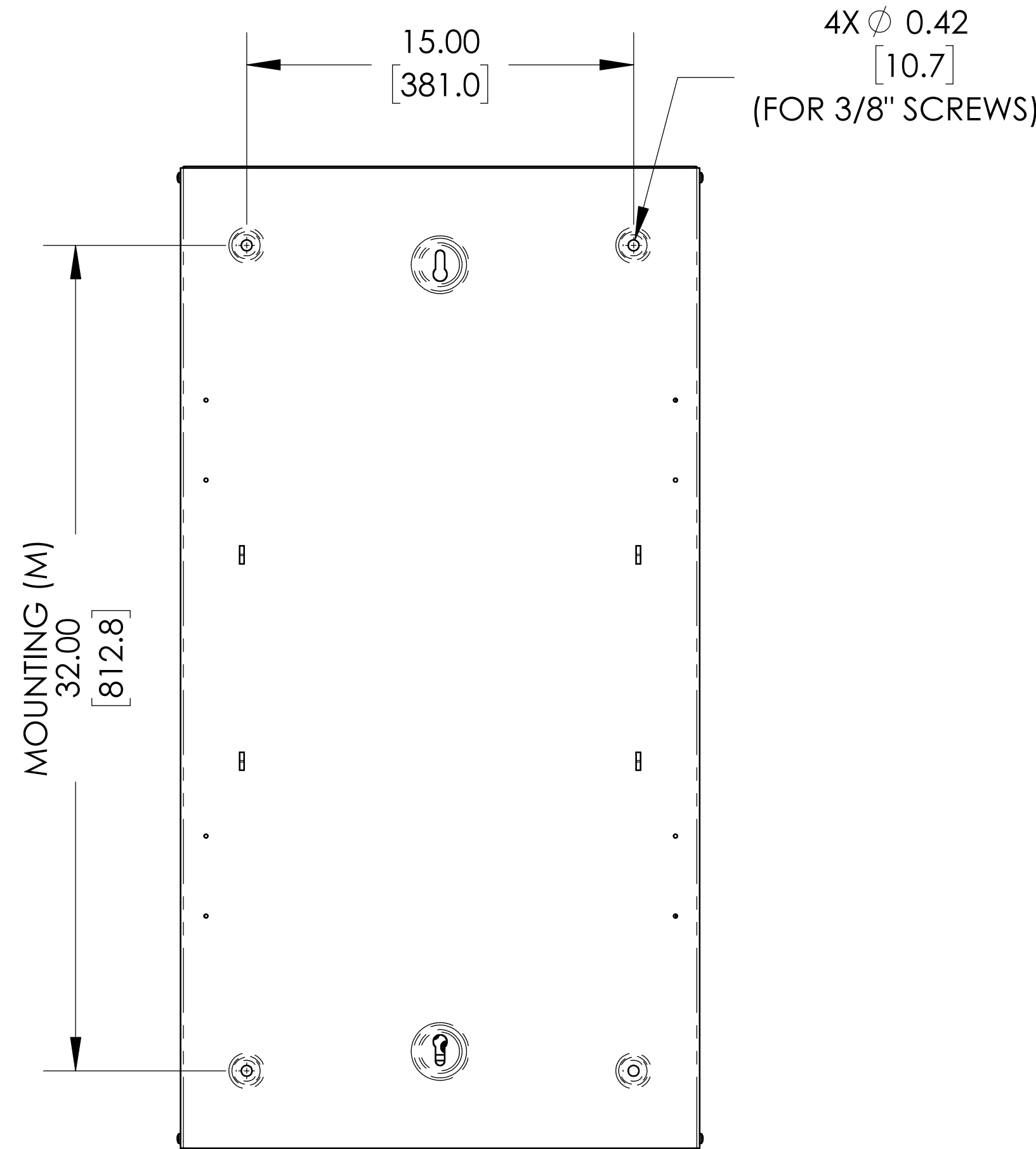
TOP VIEW



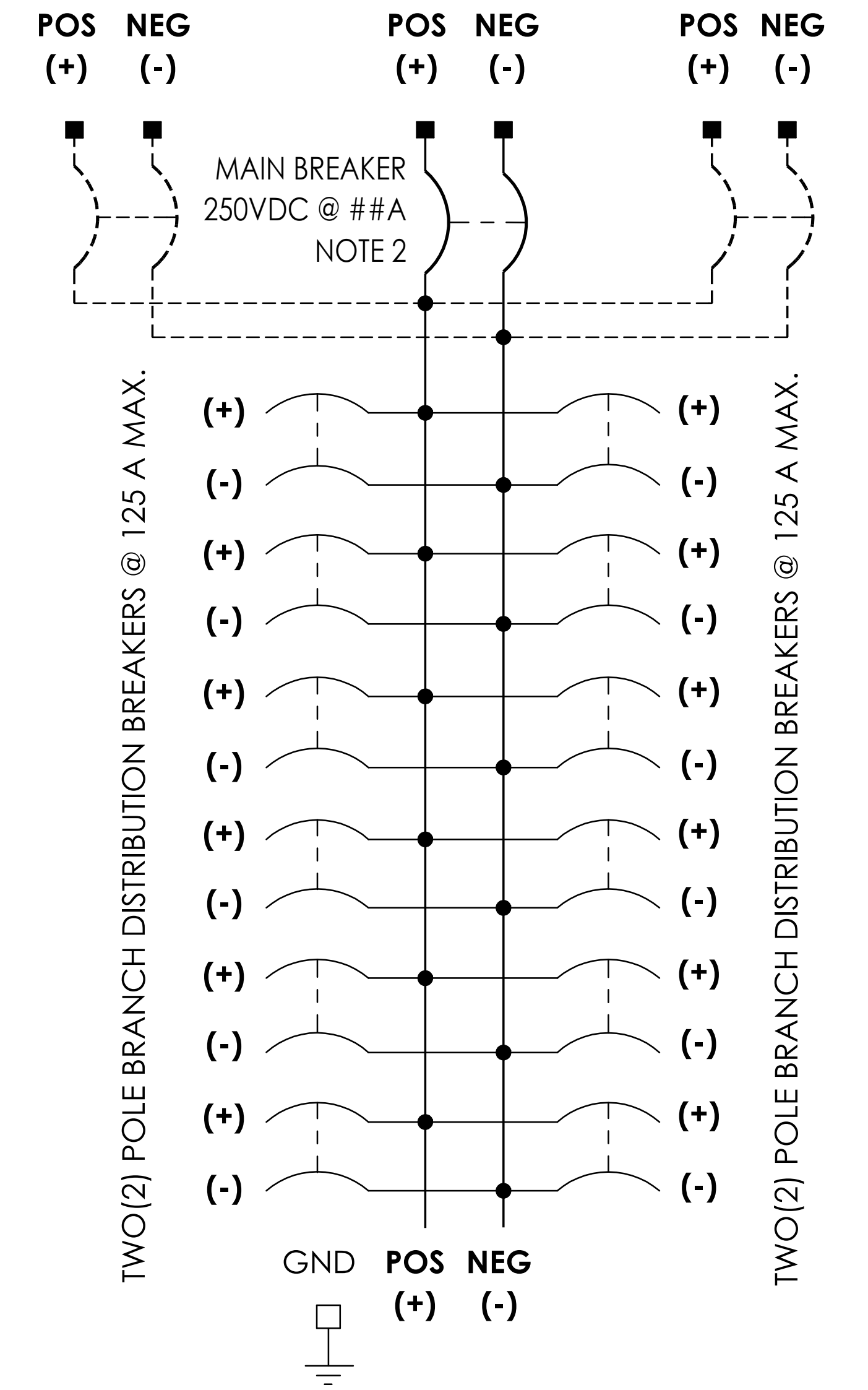
LEFT SIDE VIEW



FRONT VIEW



REAR VIEW



DC CONTROL PANEL SCHEMATIC

REV. 7	DRN BY MS	CHK BY K/B	APP BY SW	DATE 6/5/2024	DRN BY MS	DATE: 12/17/2021
DESCRIPTION				UPDATED TO SHOW WEATHER PROOF DESIGNS/DOC CLEAN UP & UPDATED MAX AMPS	CHK BY SW	DATE: 12/17/2021
				APP BY ND	DATE: 12/17/2021	
				UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS FOLLOW THE ANSI SYSTEM IPS (INCHES-POUNDS & SECONDS) TOLERANCES ARE: FRAC. ±1/64, DEC. ±0.15, ANG ±25°		



TITLE	DC CONTROL PANEL	
SCALE	DWG No	REV SHEET
B	JE5368-00	7 2 OF 5

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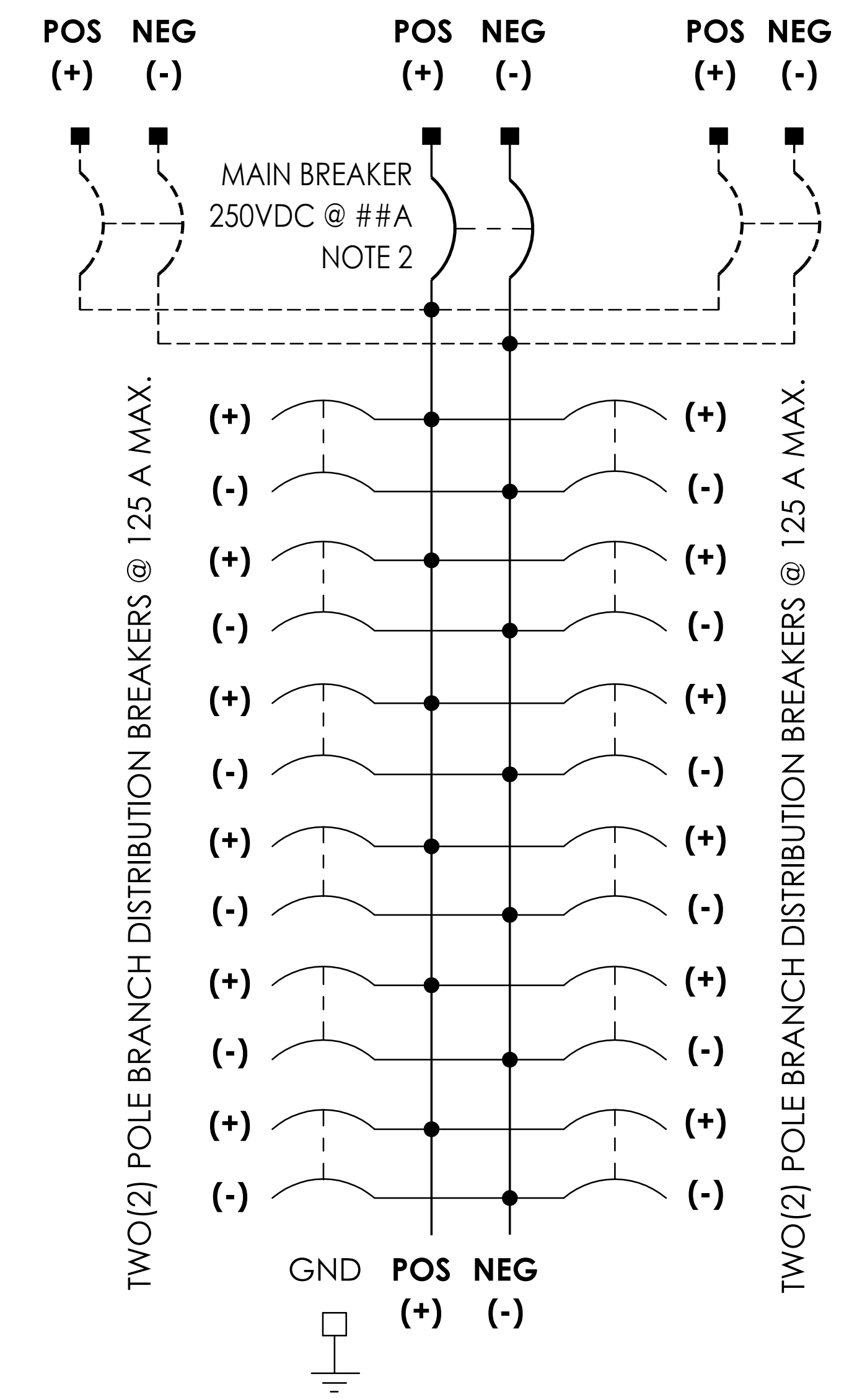
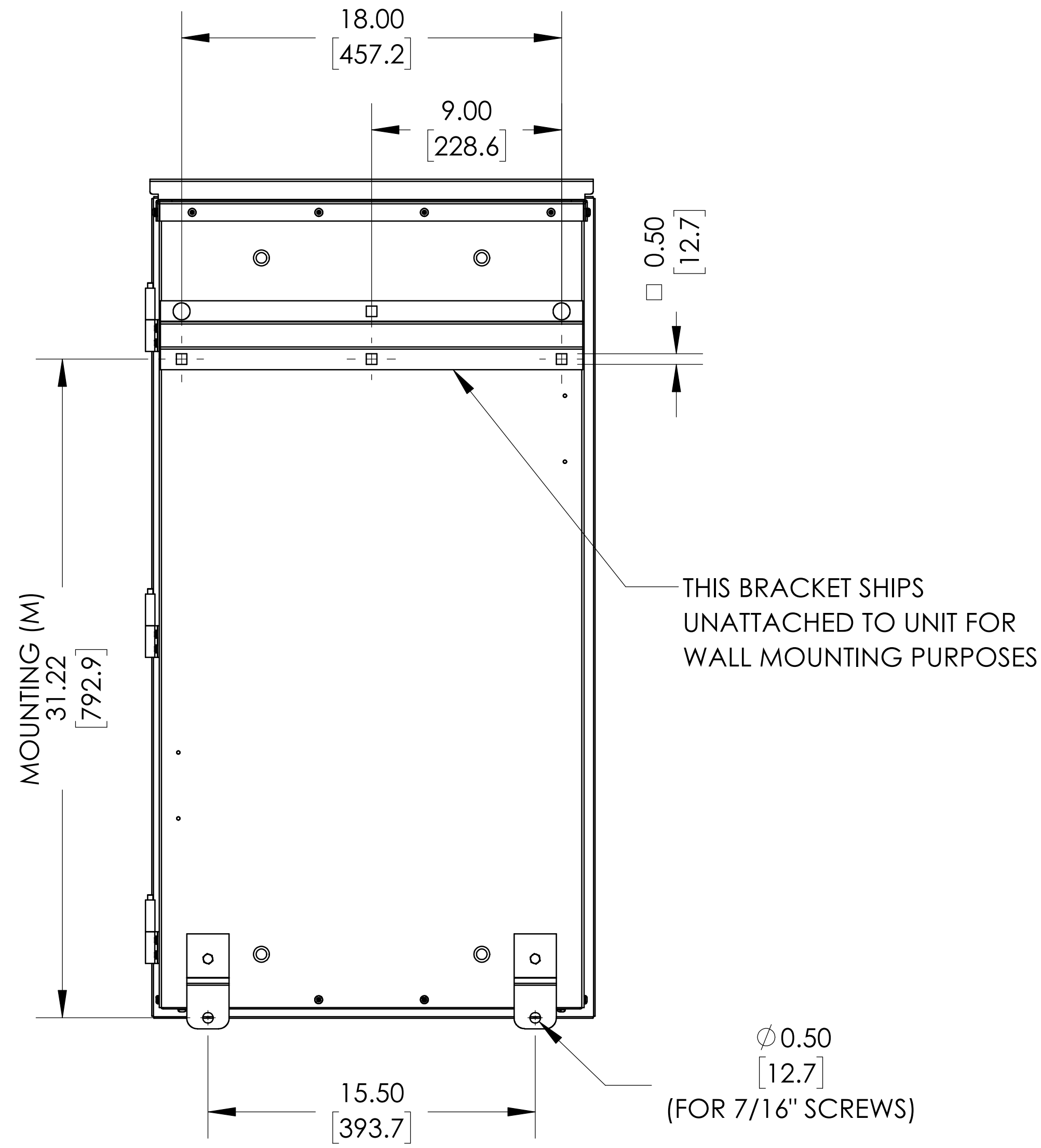
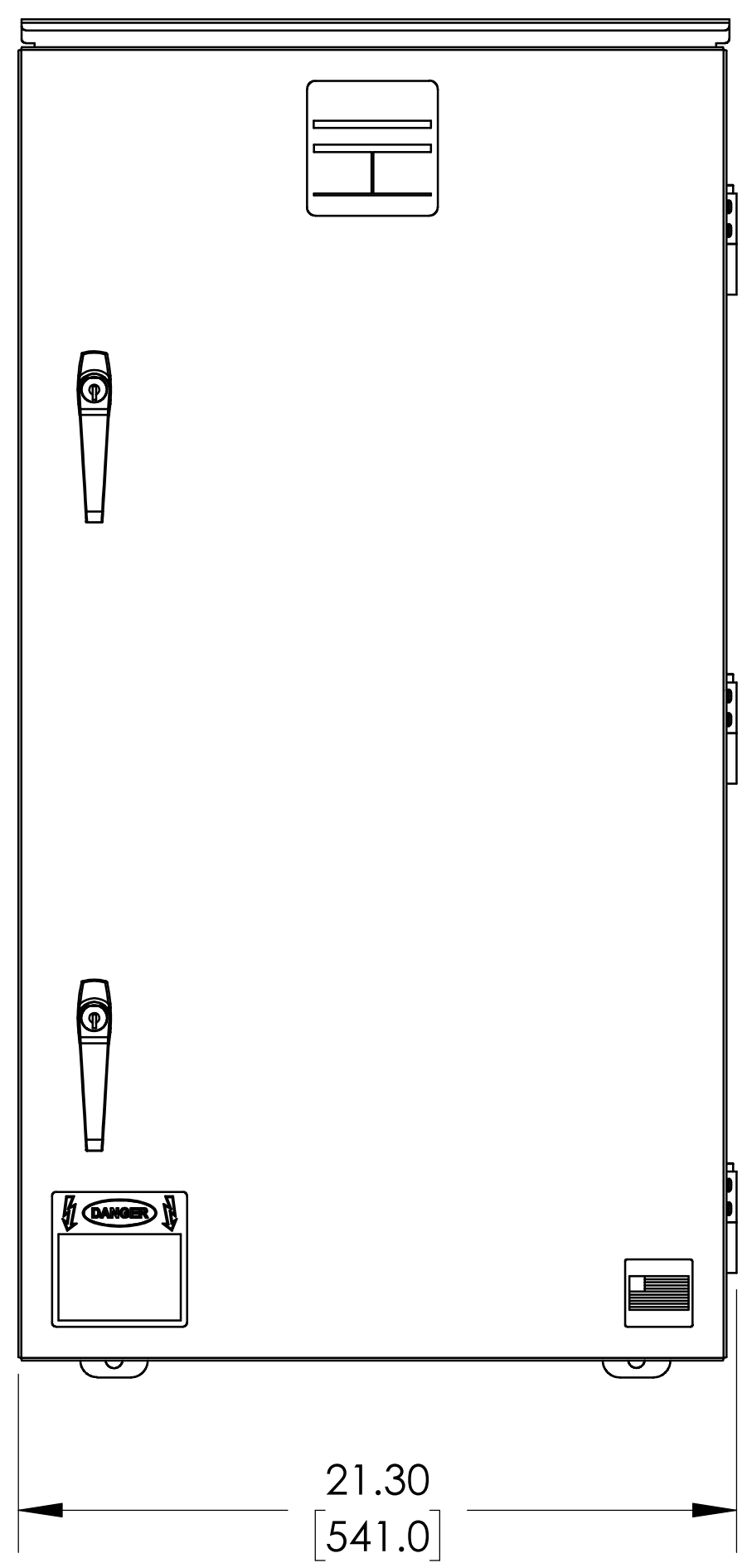
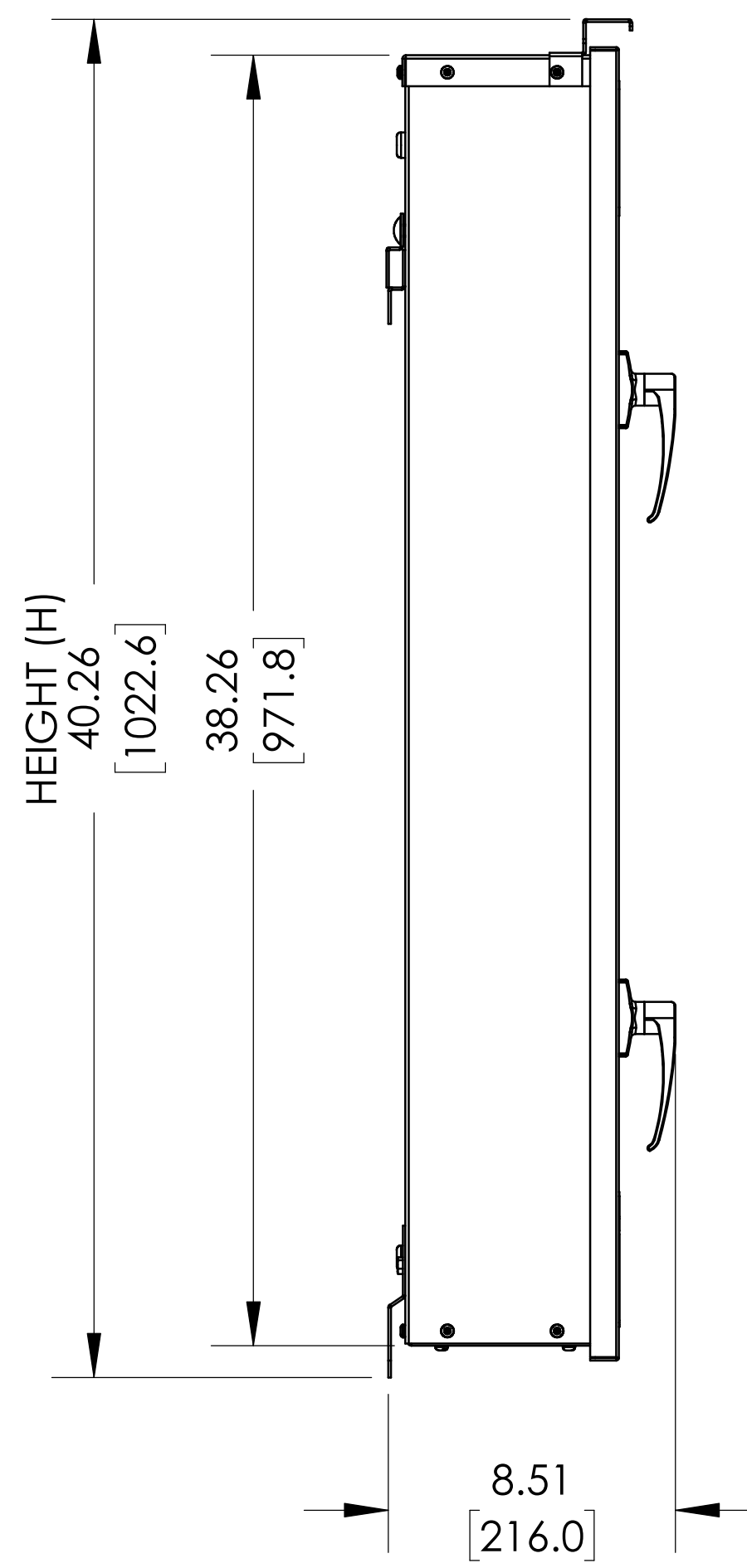
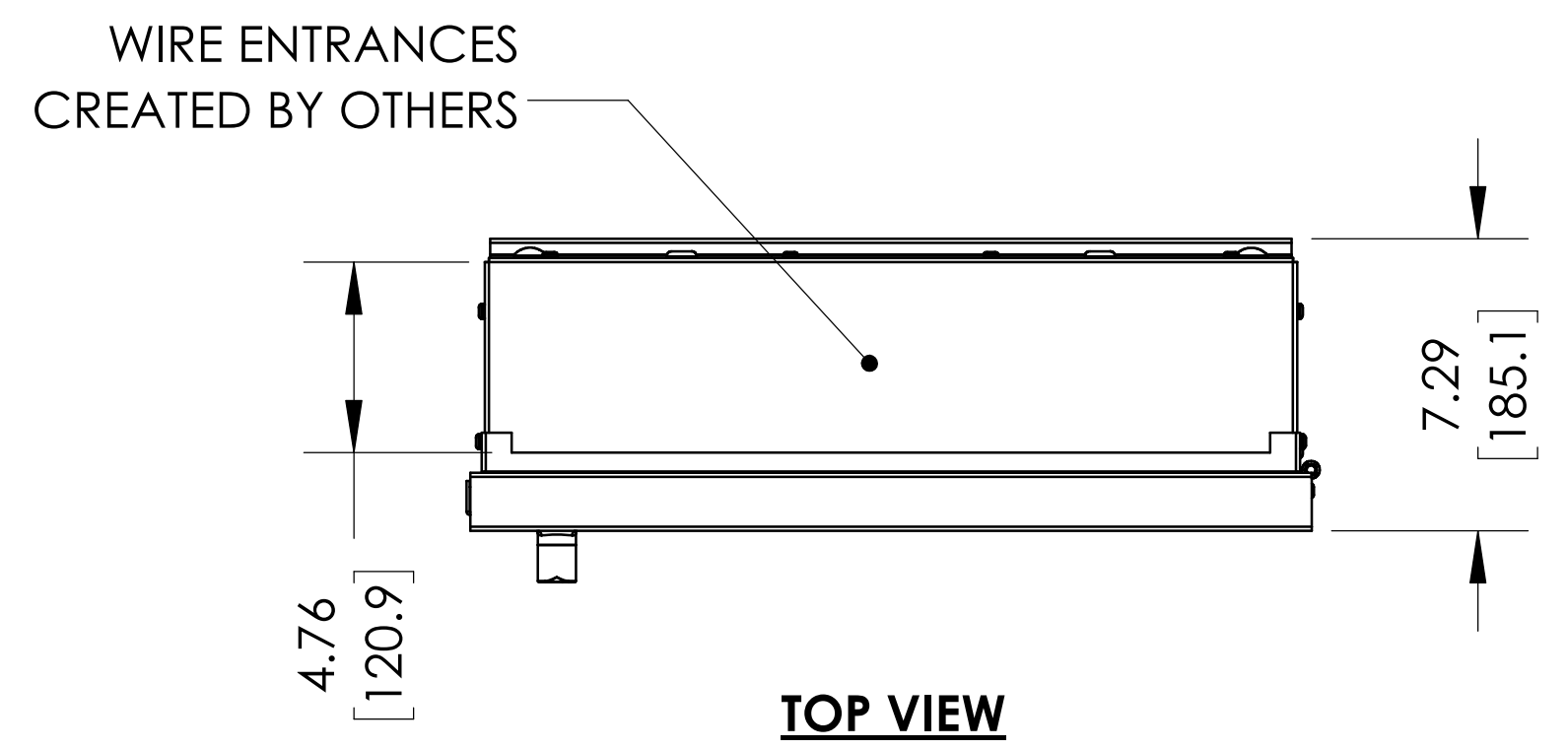
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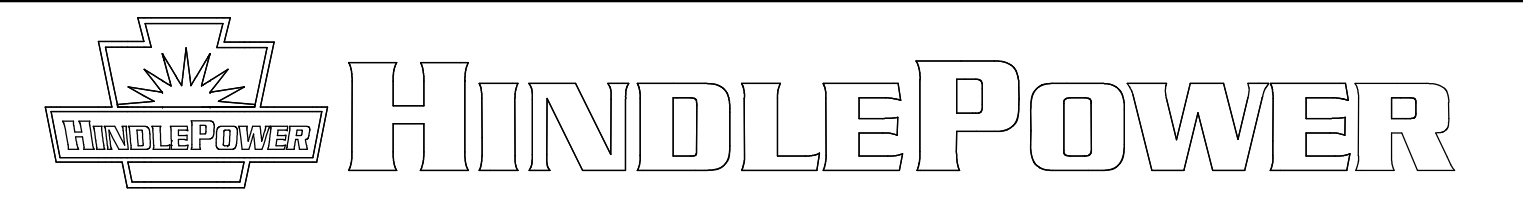
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DCP38WP
SPECIFICATION "D"

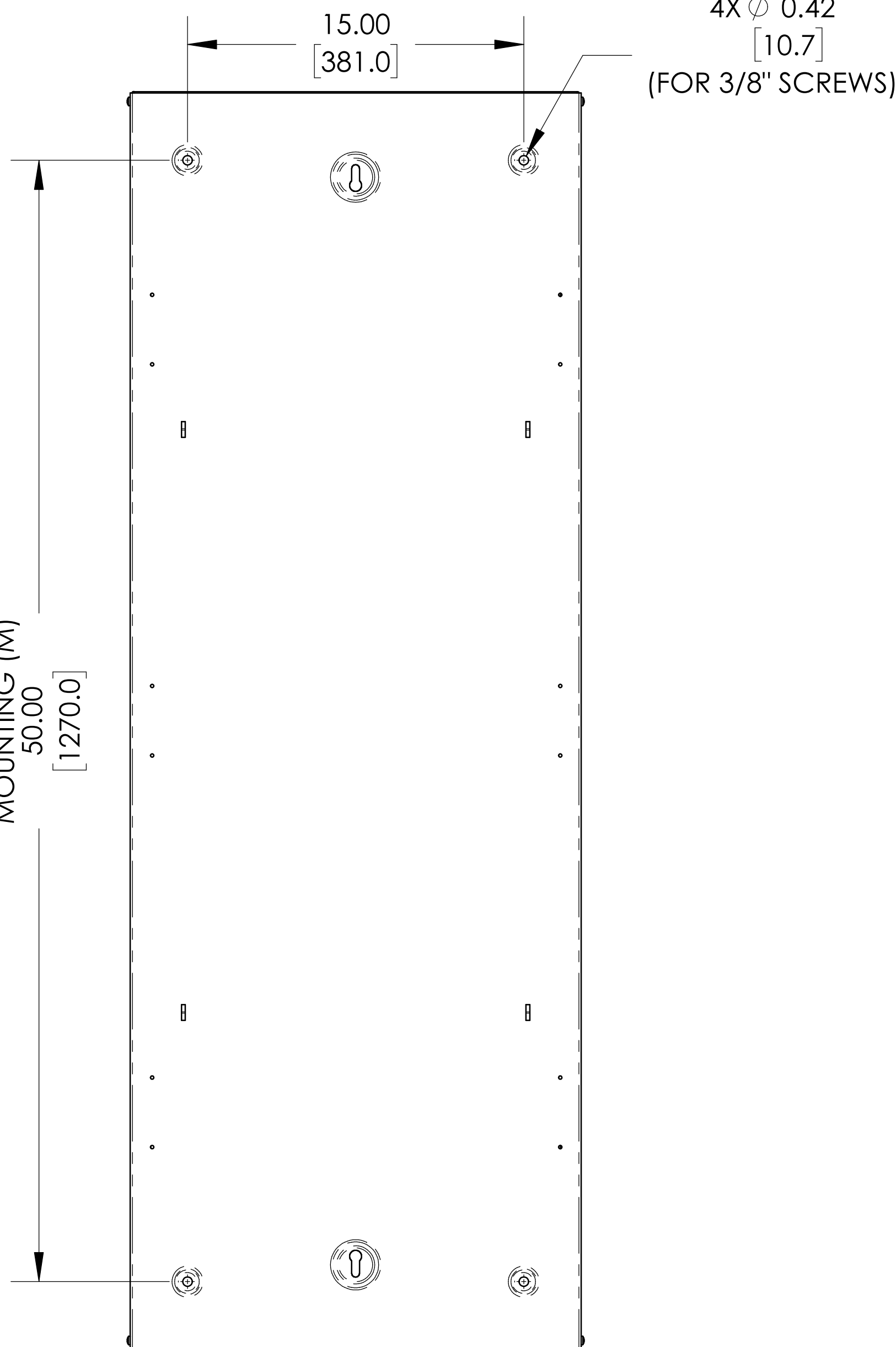
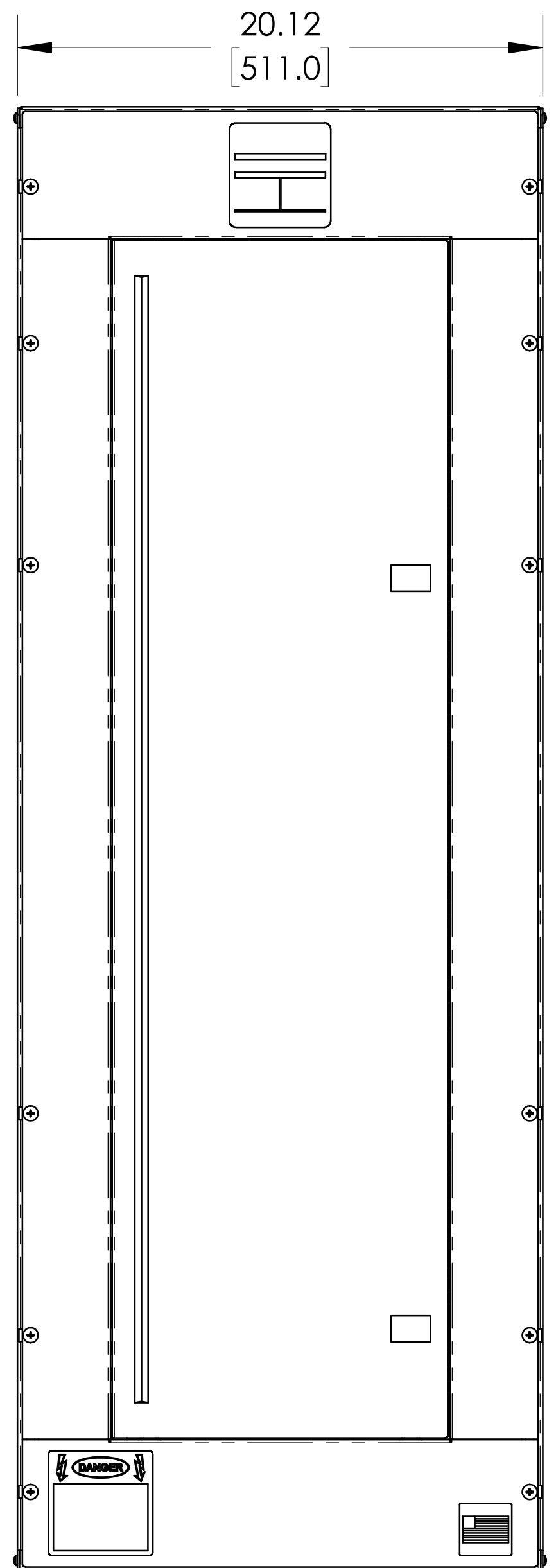
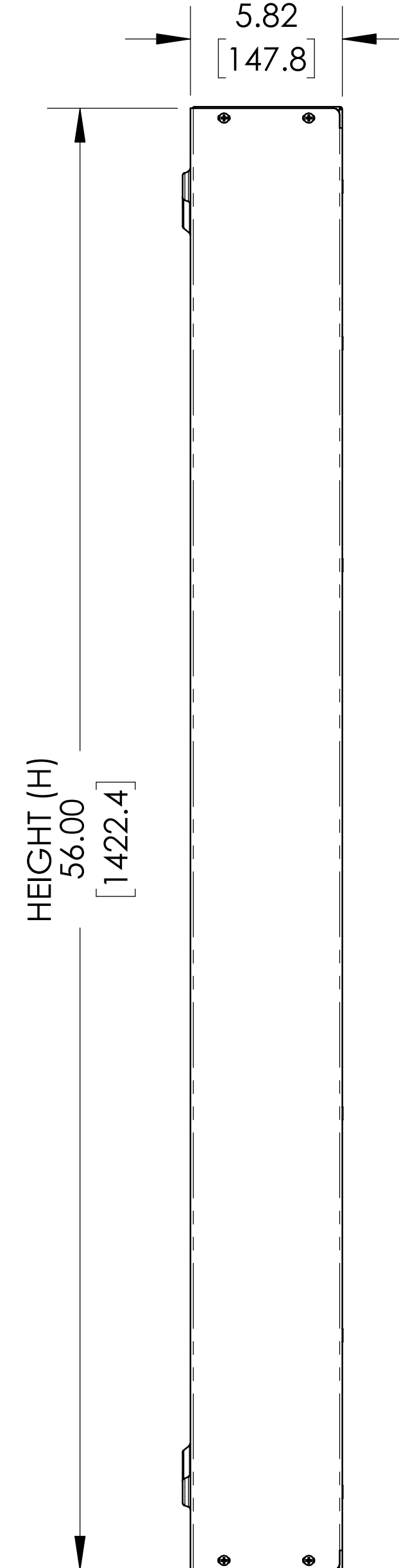
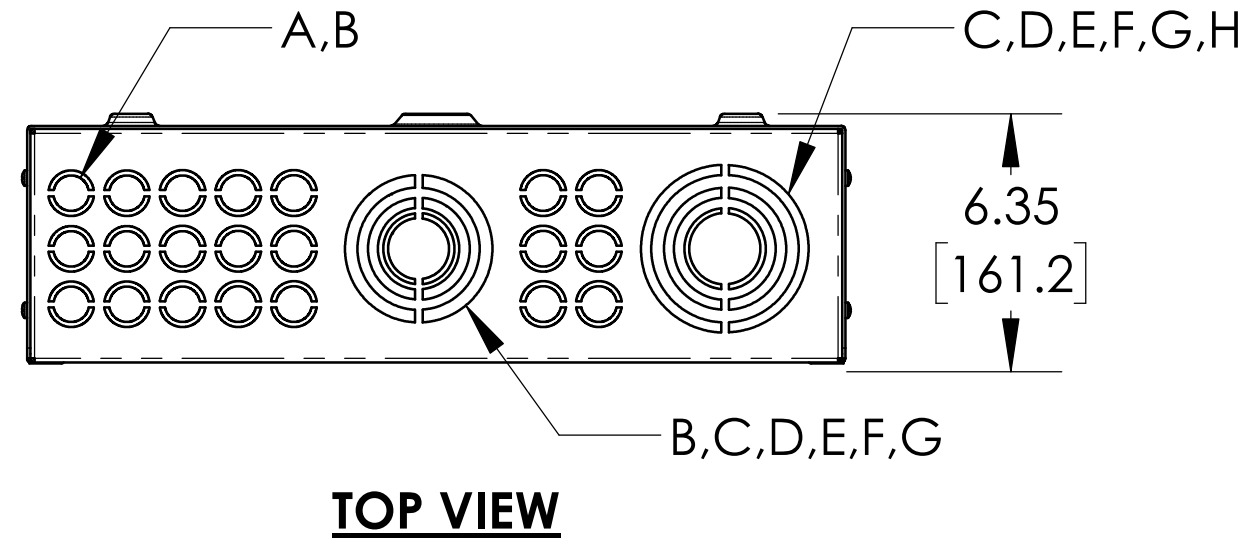


REV. 7	DRN BY MS	CHK BY KJB	APP BY SW	DATE 6/5/2024	DRN BY MS	DATE: 12/17/2021
DESCRIPTION				CHK BY SW DATE: 12/17/2021		
UPDATED TO SHOW WEATHER PROOF DESIGNS/DOC CLEAN UP & UPDATED MAX AMPS				APP BY MD DATE: 12/17/2021		
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS FOLLOW THE ANSI SYSTEM IPS (INCHES-POUNDS & SECONDS) TOLERANCES ARE: FRAC. ±1/64, DEC. ±0.015, ANG ±25°				TITLE		
				B SCALE 1:10 DWG No JE5368-00		

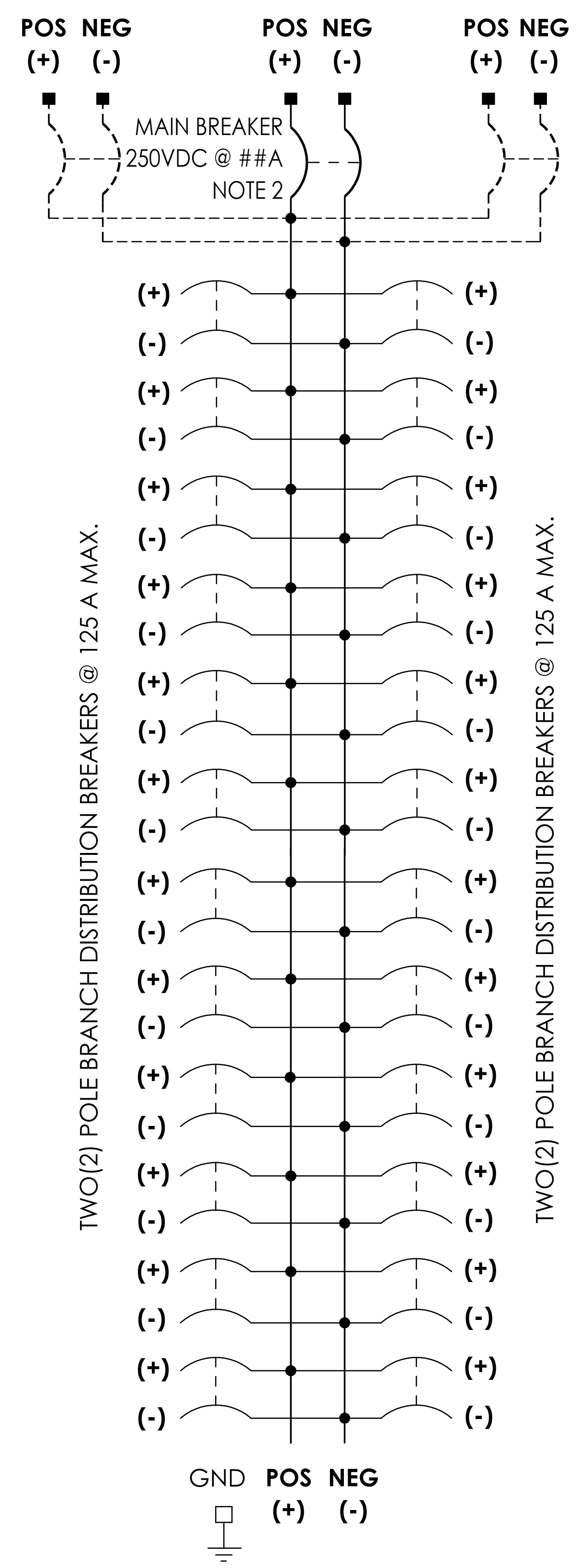


DC CONTROL PANEL

KNOCKOUT TABLE				
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	IN	MM	IN	MM
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G	3.00	76	3.62	92
H	3.50	89	4.12	105



DCP56
SPECIFICATION "C"



REV. 7	DRN BY MS	CHK BY K/B	APP BY SW	DATE 6/5/2024	DRN BY MS	DATE: 12/17/2021
DESCRIPTION					CHK BY SW	DATE: 12/17/2021
UPDATED TO SHOW WEATHER PROOF DESIGNS/DOC CLEAN UP & UPDATED MAX AMPS					APP BY ND	DATE: 12/17/2021
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS FOLLOW THE ANSI SYSTEM IPS (INCHES-POUNDS & SECONDS) TOLERANCES ARE: FRAC. ±1/64, DEC. ±0.015, ANG ±25°					TITLE	
					DC CONTROL PANEL	



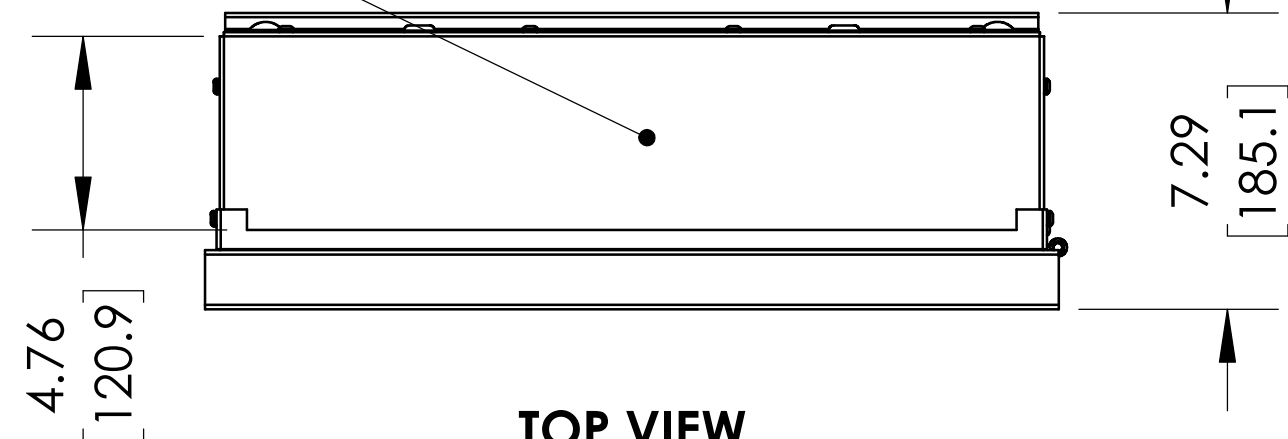
DC CONTROL PANEL

B	SCALE 1:10	DWG No JE5368-00	REV 7	SHEET 4 OF 5
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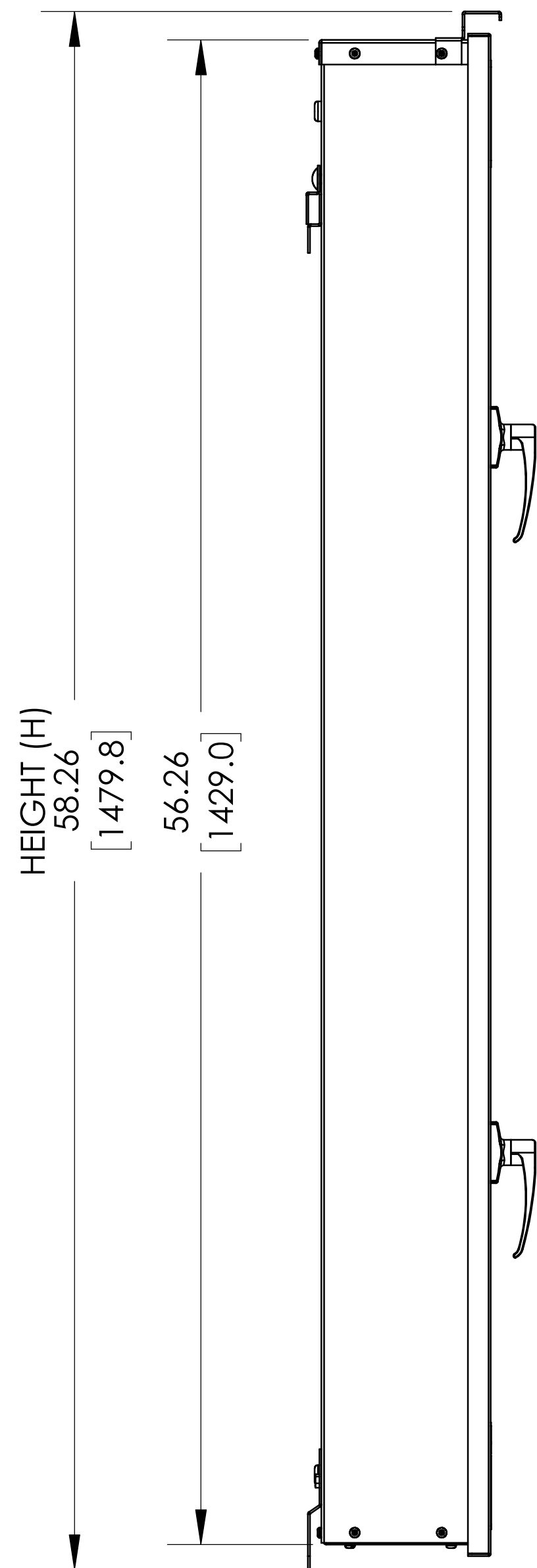
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DCP56WP
SPECIFICATION "D"

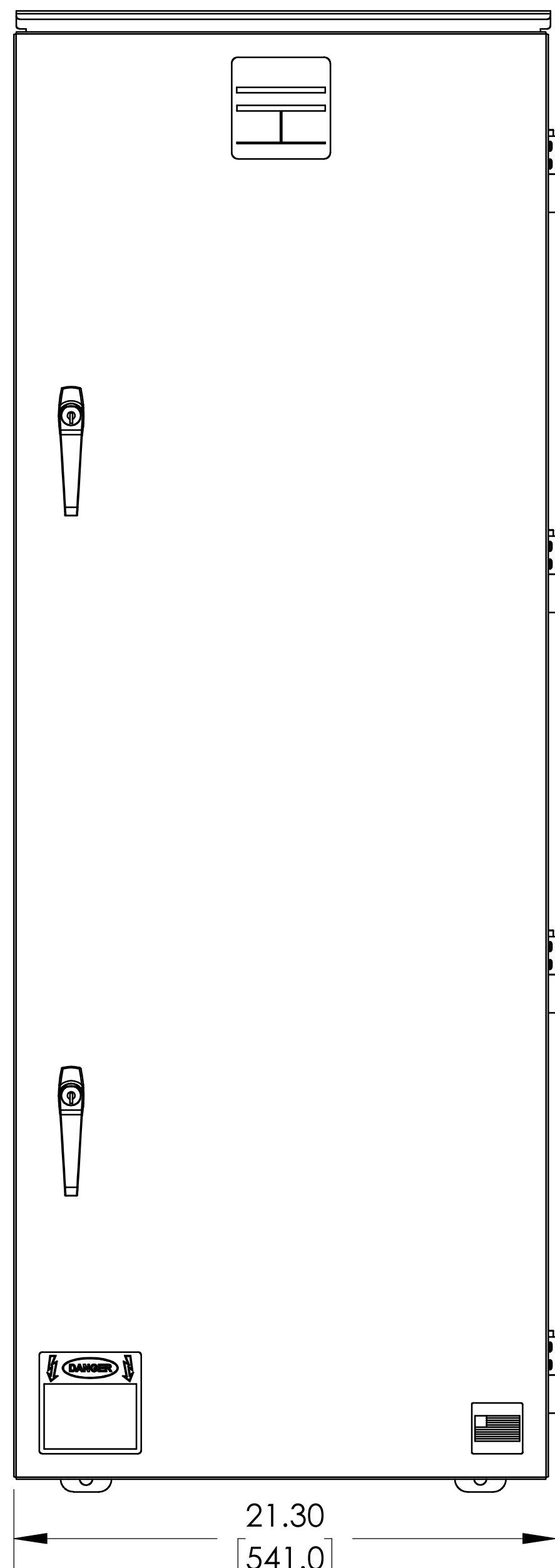
WIRE ENTRANCES
CREATED BY OTHERS



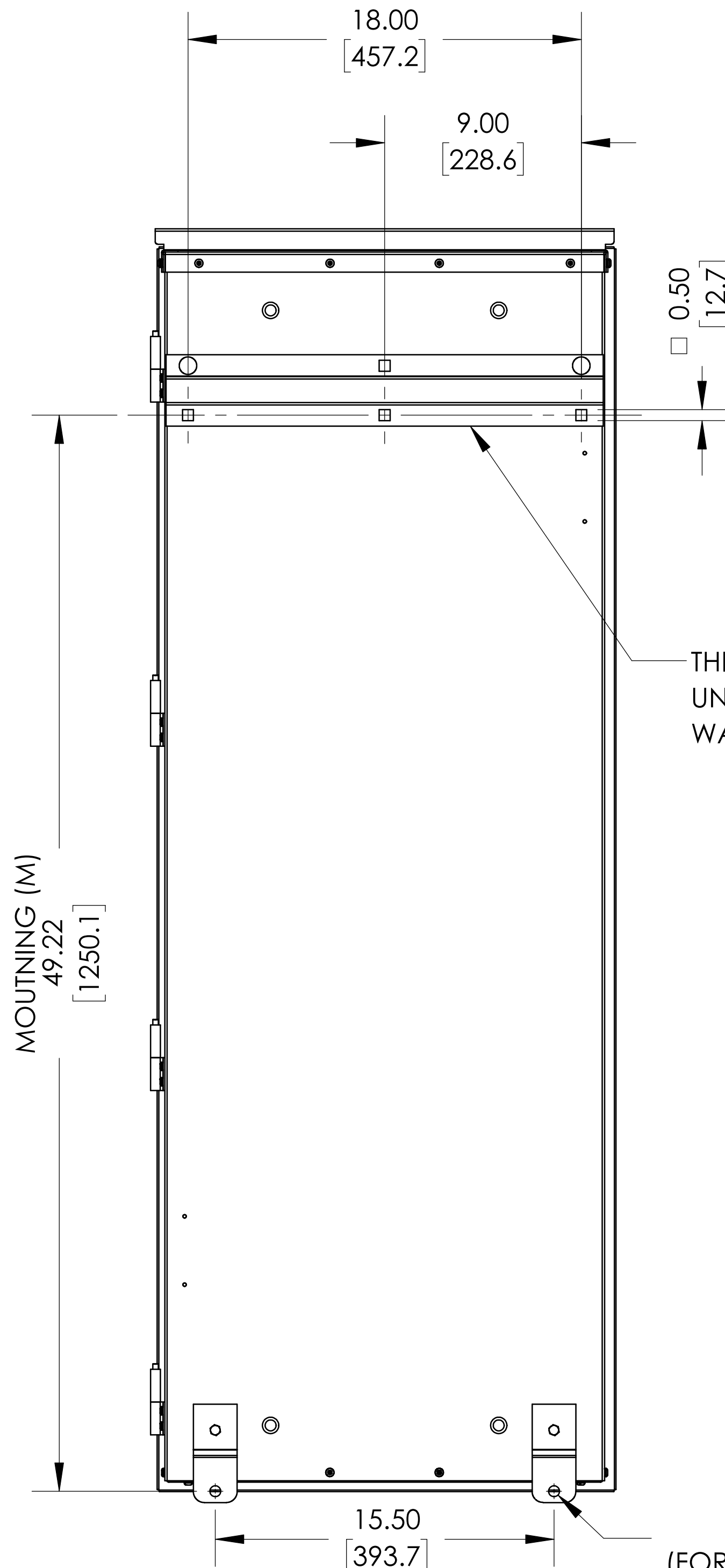
TOP VIEW



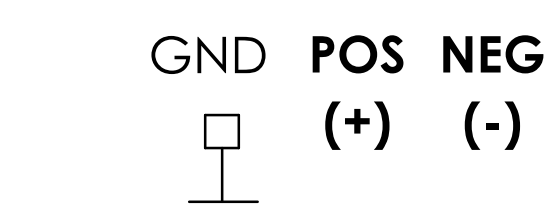
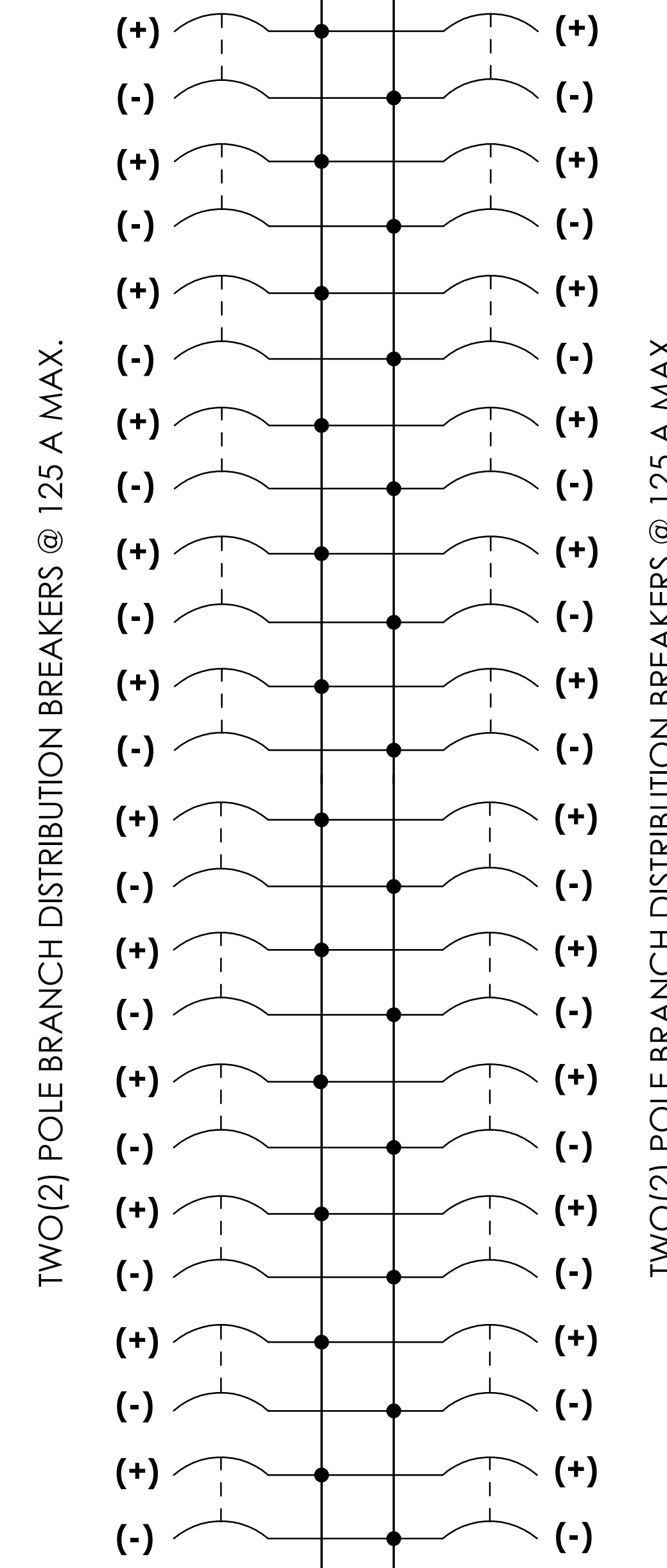
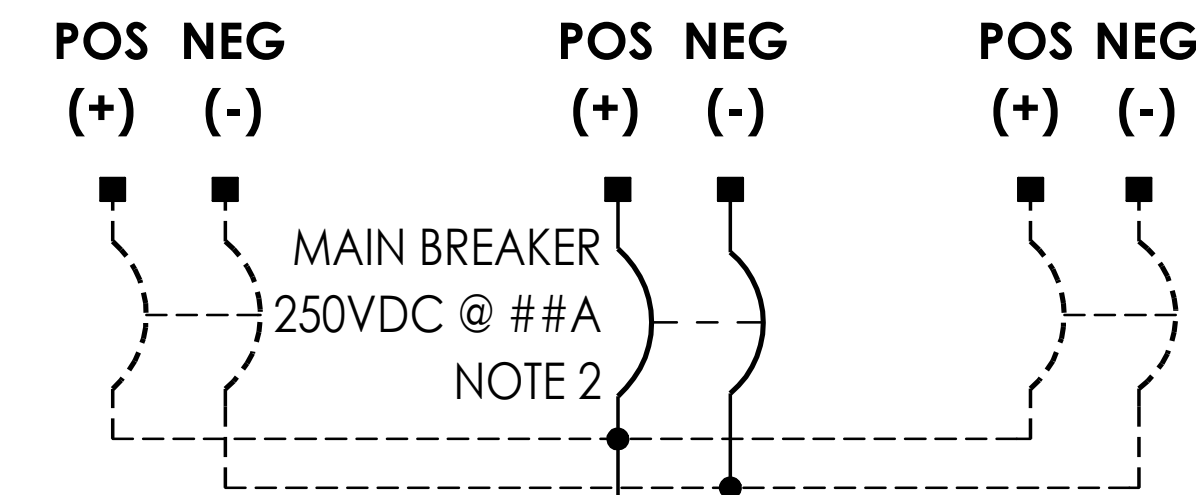
LEFT VIEW



FRONT VIEW



REAR VIEW



DC CONTROL PANEL SCHEMATIC

REV. 7	DRN BY MS	CHK BY KJB	APP BY SW	DATE 6/5/2024	DRN BY MS	DATE: 12/17/2021
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DC CONTROL PANEL

B SCALE 1:10 DWG No **JE5368-00** REV 7 SHEET 5 OF 5

8 7 6 5 4 3 2 1