

- 1.0 GENERAL NOTES
- 1.1 ALL METRIC DIMENSIONS ARE IN BRACKETS

1.2 SEE SHEET 2 FOR RRU AND PSU INSTALLATION

1.3 RADIO AND PSU NOT SUPPLIED, SHOWN FOR REFERENCE ONLY

1.4 ITEM IS PART OF BASE STRUCTURE, MTM1028-810, SHOWN FOR REFERENCE ONLY

1.5 INSTALL RADIO ON BRACKET USING HARDWARE INDICATED. SEE SHEET 2

1.6 PARTS SHOWN INSTALLED IN ASSEMBLY
- 2.0 DESIGN NOTES
- 3.0 MANUFACTURING/SPECIAL REQUIREMENT
- 4.0 TEST
- 5.0 PACKAGING
- 5.1 PACKAGING SHALL MEET ANDREW REQUIREMENTS PER DOCUMENT IS-PL-3005

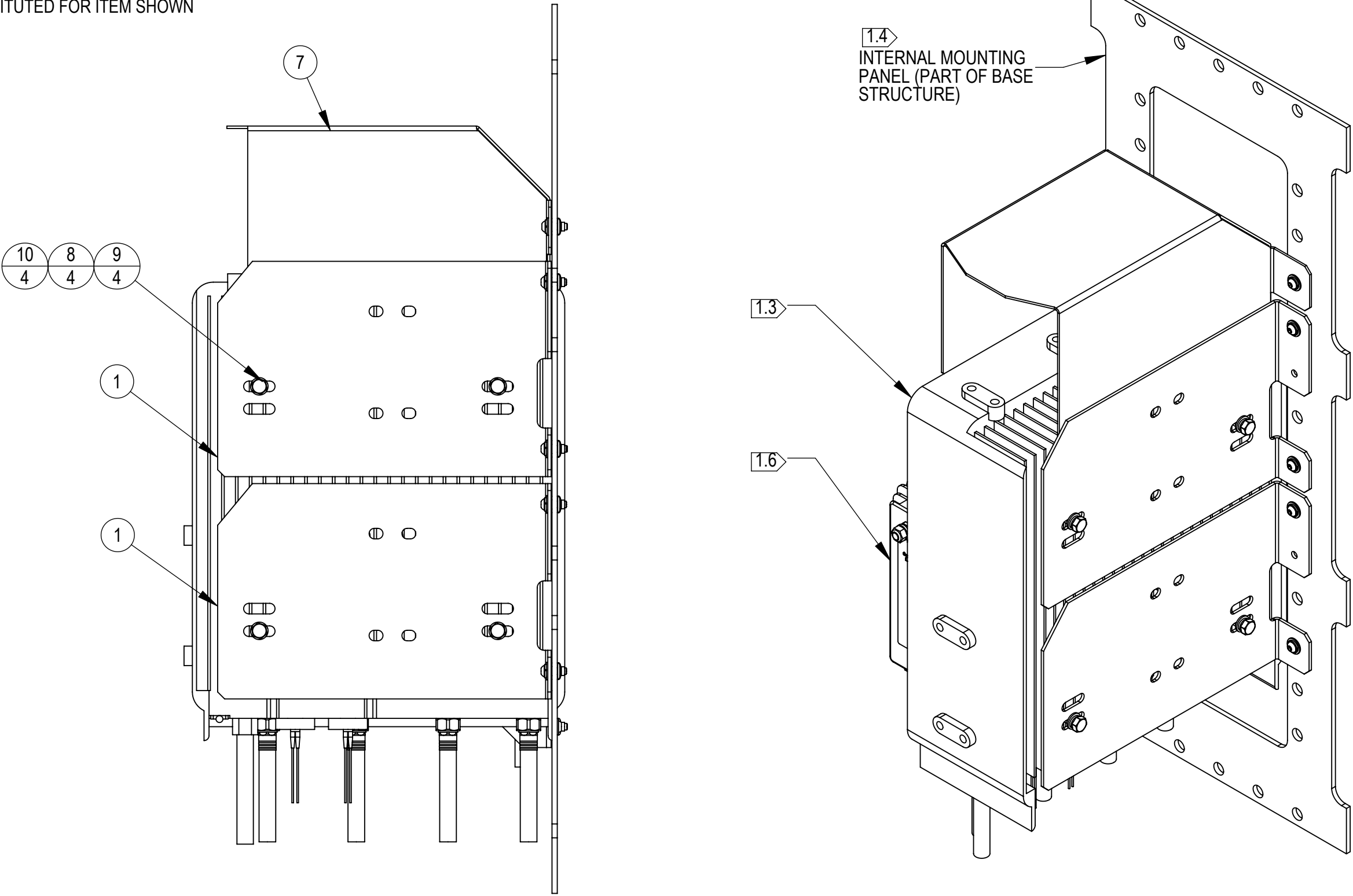
5.2 BAG AND TAG ALL ITEMS AND HARDWARE SHOWN. PACKAGE IN BOX FOR CUSTOMER INSTALLATION.

5.3 THIS PRINTED DOCUMENT TO BE PLACED INSIDE SHIPPING BOX FOR CUSTOMER REFERENCE

5.4 HARDWARE IS FOR CUSTOMER INSTALLATION. SPARES MAY BE INCLUDED

5.5 BOX NOT SHOWN FOR CLARITY. OTHER BOX SIZES MAY BE SUBSTITUTED FOR ITEM SHOWN

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	AG1119 19NOV18	JP1130 8000032337
B	ITEMS 8,9,10 WERE M10 HARDWARE	AG1119 14DEC18	RW1043 8000032849
C	ADDITIONAL INSTALLATION INSTRUCTIONS	AG1119 07OCT19	GR1010 8000036991
D	MTM1028-681-BR (ITEM 2) WAS MTM1028-681	MS1288 24DEC24	JX1002 40211432CMO
E	ADDED 4461 & 4471 CONFIGURES	DM1121 10JUN25	2025/6/10 50103192AMO



COMPONENT PART NUMBERS PROVIDED FOR ASSEMBLY PURPOSES;
INDIVIDUAL COMPONENTS MAY BE SHIPPED AS PARTS WITHIN AN INCLUDED KIT.

ITEM NO.	PART NUMBER	DESCRIPTION	4415 + AC08 (Original)/QTY.	NOTE
1	MTM1028-680	BRACKET ASSY, ERC4415	2	
2	MTM1028-681-BR	BRACKET, ERC4415 PSU	1	
3	460143456	CLIP NUT, M6, 316 SST	8	5.4
4	SWF-02	1/4" STAINLESS FLAT WASHER	8	5.4
5	SWL-02	LOCK WASHER, 1/4" SS (EA)	8	5.4
6	100560-66	SCR,BUTTN HD,HEXSOCK,M6X20,SST,PASS	8	5.4
7	MTM1028-682	BAFFLE, ERC4415	1	
8	MTC9419	M8 FLAT WASHER SS	4	5.4
9	MTC9415	M8 X 25mm HEX BOLT SS	4	5.4
10	MTC9418	M8 LOCK WASHER SS	4	5.4
11	100521-76	WSHR,FLAT,M4,4.3X9X0.8,SST,PASS	4	5.4
12	100522-13	WSHR,LK,SPLT, M4,SST, PASS	4	5.4
13	100526-13	NUTS,HEX,M4,SST,PASS	4	5.4
14	100622-77	SCR,SHCS,HEXSOCK,M4X16,SST,PASS	4	5.4
8700	MTM1028-070	REFERENCE DOCUMENT	1	5.3

INSTALLED ASSEMBLY
(SHOW CONFIGURE 1)

DENSITY	MASS	15.66	lbs/in³
VOLUME	89.23		lbs
SURFACE AREA	1521.24		in³
HEIGHT	15.00[381.0]		in²
LENGTH	23.00[584.2]		
WIDTH	13.00[330.2]		

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TOLERANCES						SAP MATERIAL MASTER			
1 PLACE .X[X] ± 0.1[3.0]			3 PLACE .XXX[X] ± 0.032[0.8]			MTM1028-070			
2 PLACE .XX[X] ± 0.06[1.5]			ANGLES ± 2°						
FINISH					MATERIAL				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES INTERPRET PER ANSI Y 14.5M-1994		NAME	DATE	SHEET METAL KIT, ERC4415/4461/4471					
	CE	AG1119	19 NOV 18						
	RW	DM1121	06/12/2025						
									
	AD	LX1002	06/15/2025	SCALE 1:4	DOCUMENT NO. MTM1028-070				
	RE	DM1121	06/19/2025						
	ECN 50103192AMO								
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3.0 MANUFACTURING/SPECIAL REQUIREMENT

3.1 TIGHTEN HARDWARES, TORQUE VALUE ARE SHOWN BELOW AS REFERENCE,

M6: TORQUE 40.0 IN-LB OR 4.5 N-M (W/ CLIP NUT)

M6: TORQUE 46.0 IN-LB OR 5.2 N-M (W/ THREADED CAST AL)

M6: TORQUE 75.0 IN-LB OR 8.5 N-M (W/ STEEL NUT)

M8: TORQUE 6.6 FT-LB OR 9.0 N-M (W/ THREADED CAST AL)

1/4-20: TORQUE 4.8 FT-LB OR 6.6 N-M

3/8-16: TORQUE 19.6 FT-LB OR 26.6 N-M

3.2 CONFIGURATIONS AND QUANTITY OF EQUIPMENTS IN INSTALLATION ARE LISTED ON TABLE.

CONFIGURATION	3.2 APPROVED ERICSSON RADIO CONFIGURATIONS			
	4415	4461	4471	AC08
1	1			1
2		1		1
3			1	1

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TITLE

SHEET METAL KIT, ERC4415/4461/4471

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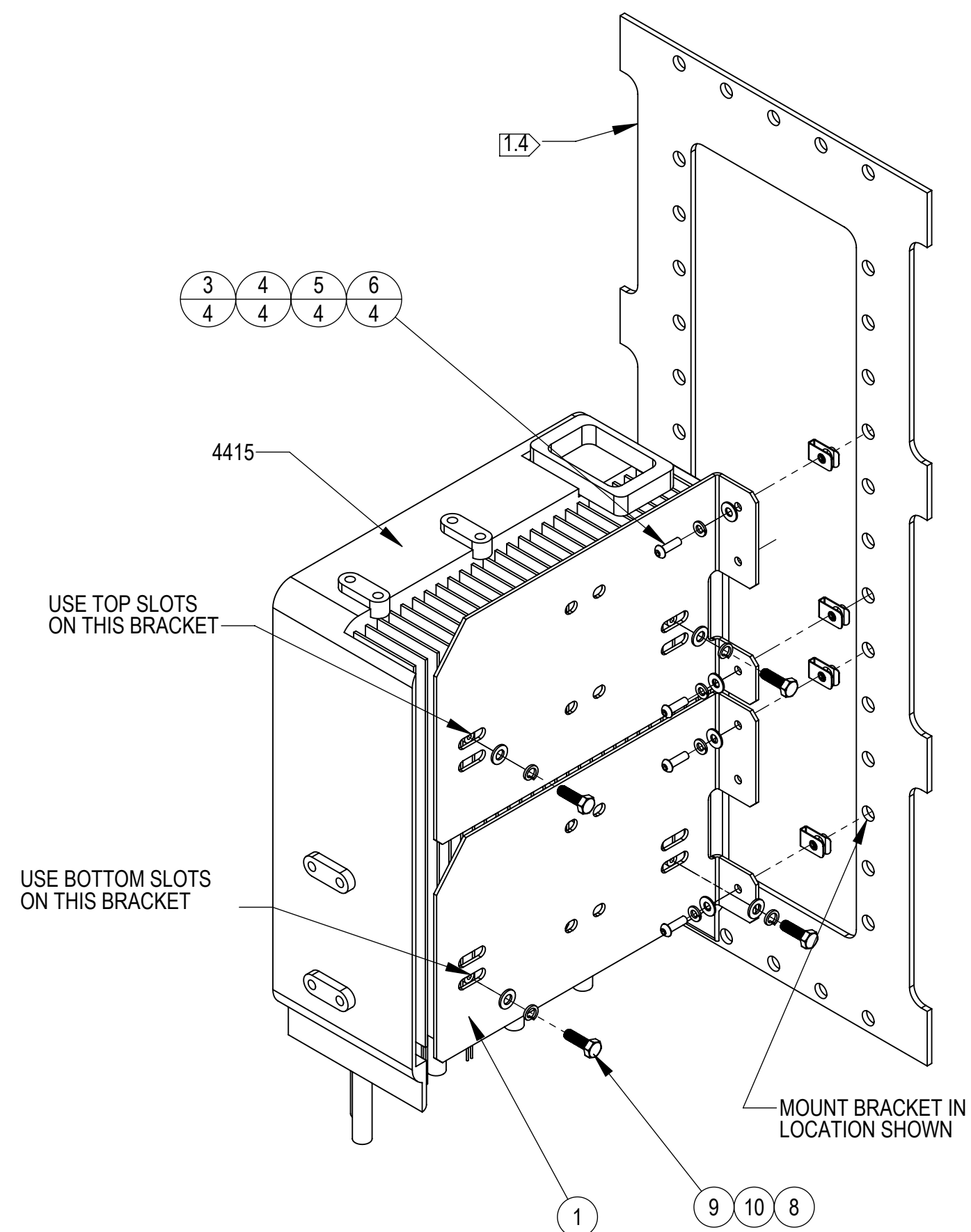
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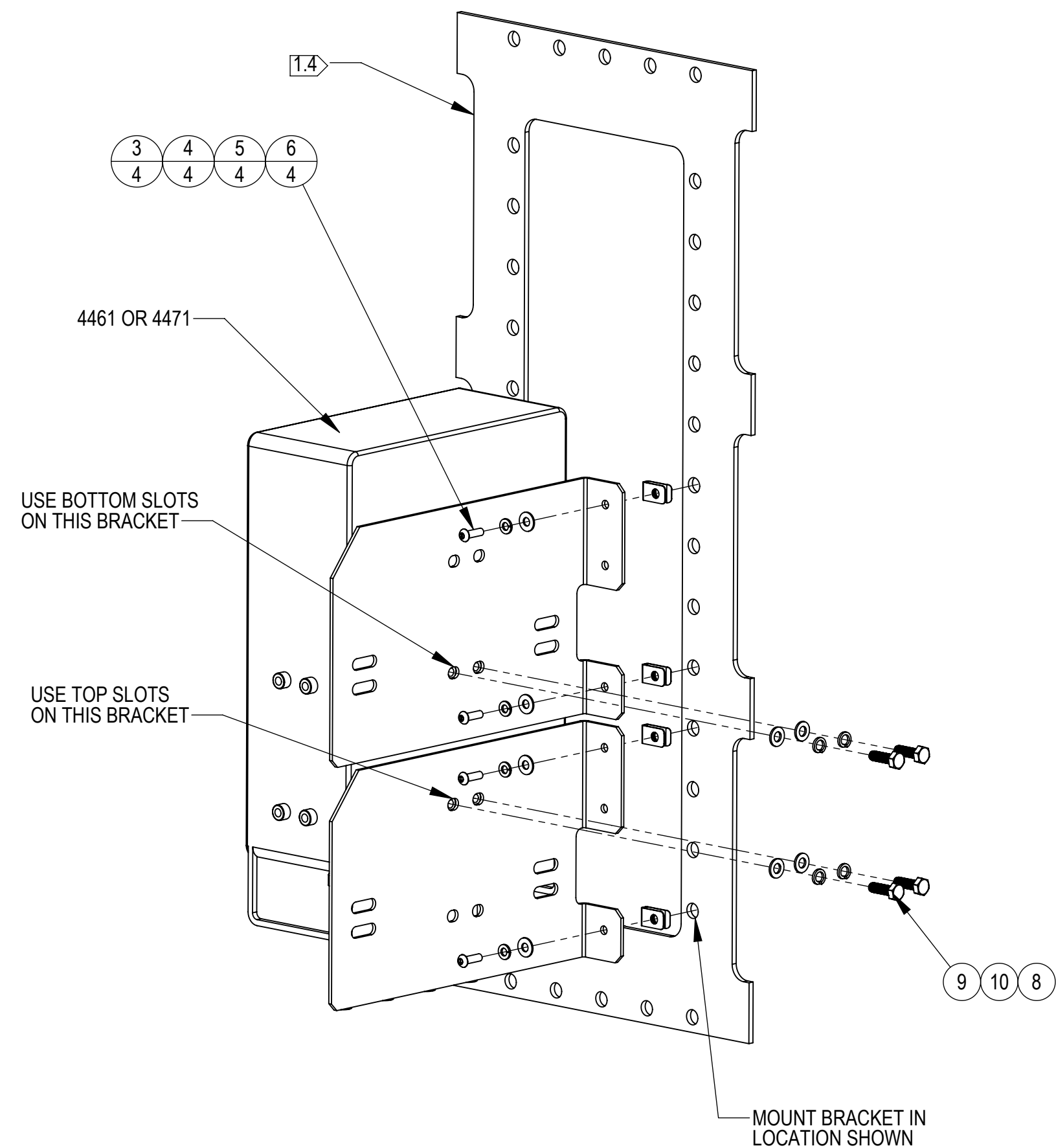
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RADIO INSTALLATION



4415 INSTALLATION



4461 OR 4471 INSTALLATION

RRU INSTALLATION

1. INSTALL RRU ON TWO MOUNTING BRACKETS, USING M8 HARDWARE SHOWN. MOUNT TOP BRACKET USING TWO TOP SLOTS, MOUNT BOTTOM BRACKET USING TWO BOTTOM SLOTS.
2. A 2x4, APPROXIMATELY 18 IN LONG, LAID ACROSS THE BOTTOM LIP OF THE INTERNAL PANEL, MAY HELP SUPPORT THE RRU DURING INSTALLATION
- 3.1 FOR 4415 SUB-ASSEMBLY, INSTALL CLIP NUTS (ITEMS 3), IN HOLES 3, 6, 7 AND 10 FROM BOTTOM, ON RIGHT SIDE OF INTERNAL PANEL.
- 3.2 FOR 4461 OR 4471 SUB-ASSEMBLY, INSTALL CLIP NUTS (ITEMS 3), IN HOLES 1, 4, 5 AND 8 FROM BOTTOM, ON RIGHT SIDE OF INTERNAL PANEL.
4. INSTALL MOUNTED RRU-ASSEMBLY ON INTERNAL PANEL USING M6 HARDWARE
5. IF NOT INSTALLED, PSU MAY BE INSTALLED AFTER RRU



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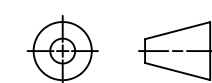
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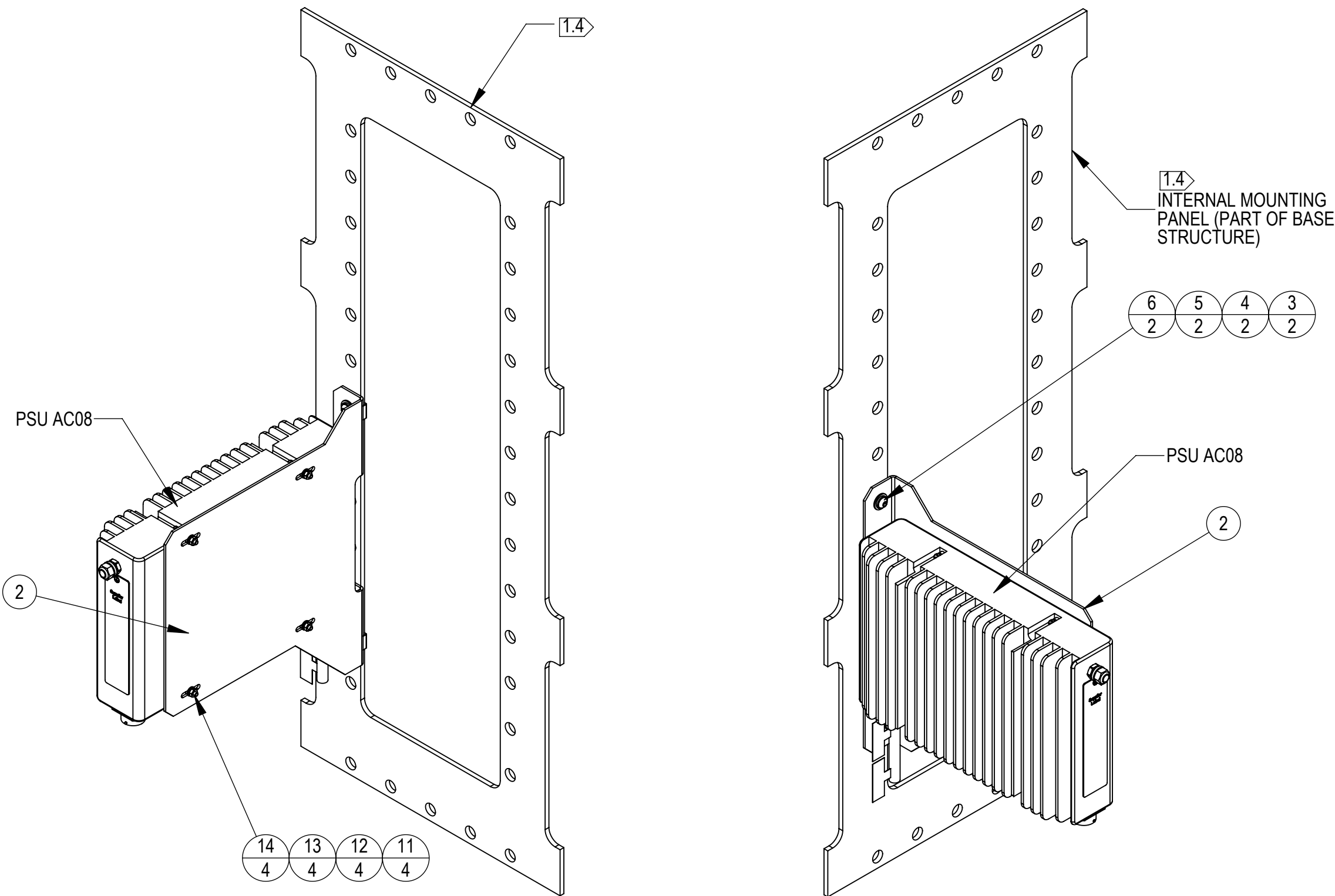


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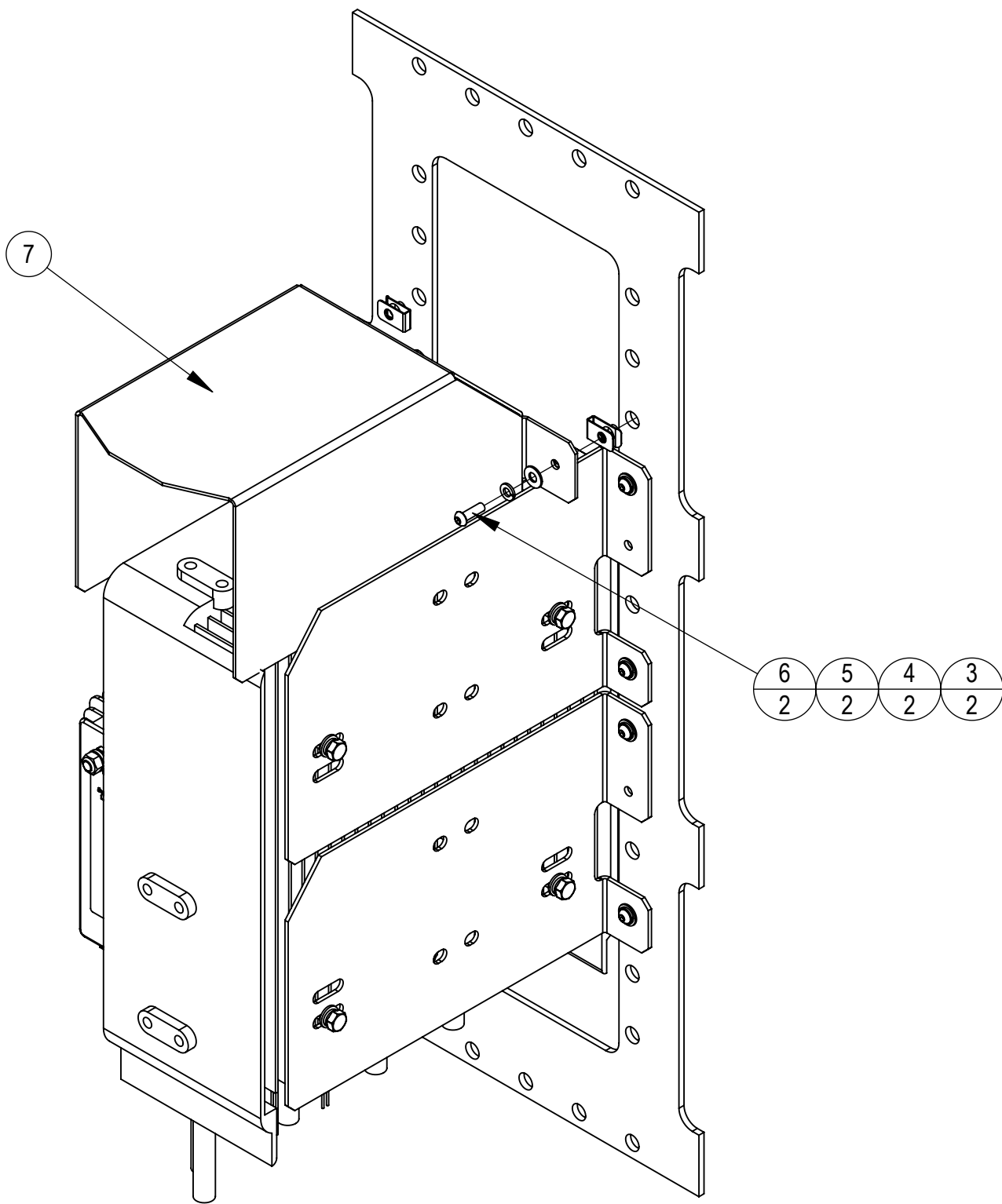
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PSU INSTALLATION



- PSU AC08 INSTALLATION**
- 1. MOUNT PSU ON BRACKET, USING M4 HARDWARE SHOWN.
NOTE BRACKET FLANGE BENDS TOWARDS PSU.
 - 2. INSTALL CLIP NUTS (ITEMS 3), IN 2ND AND 7TH HOLES FROM
BOTTOM OF INTERNAL PANEL, LEFT HAND SIDE.
 - 3. INSTALL MOUNTED PSU USING M6 HARDWARE
 - 4. NOTE PSU MAY BE INSTALLED AFTER RRU

BAFFLE INSTALLATION



- BAFFLE INSTALLATION**
- INSTALL AIR BAFFLE (ITEM 7) USING M6 CLIP NUTS AND M6 HARDWARE



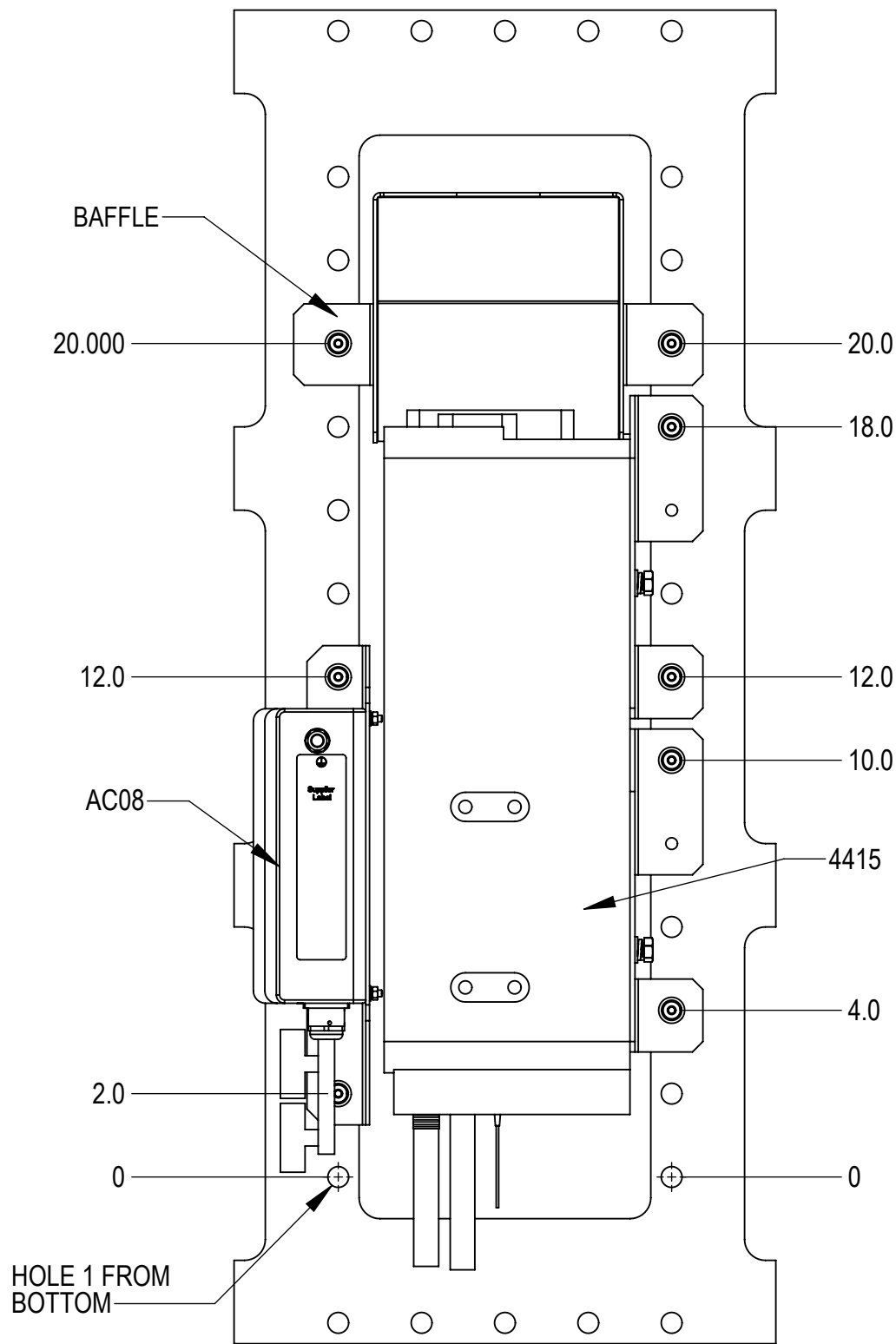
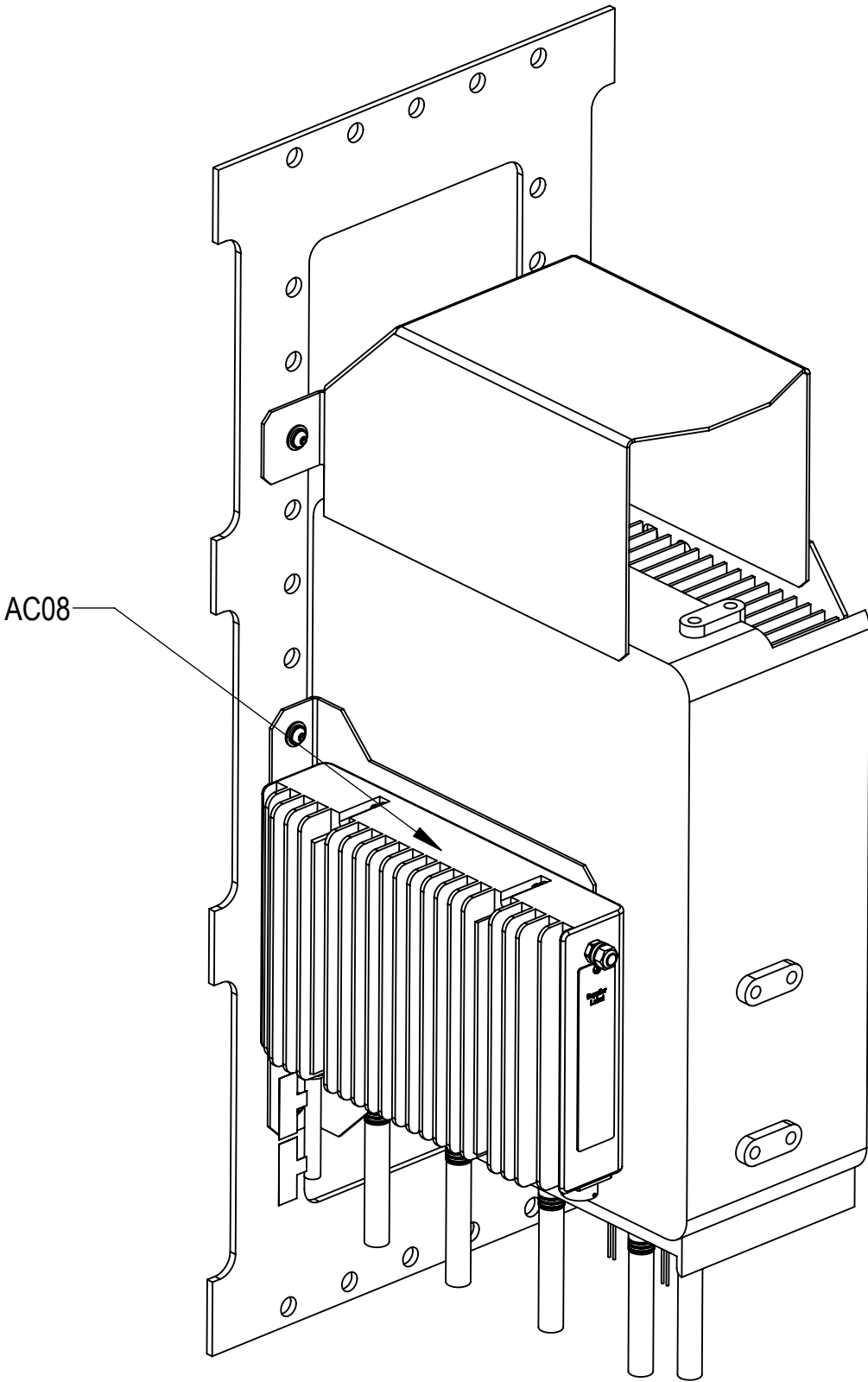
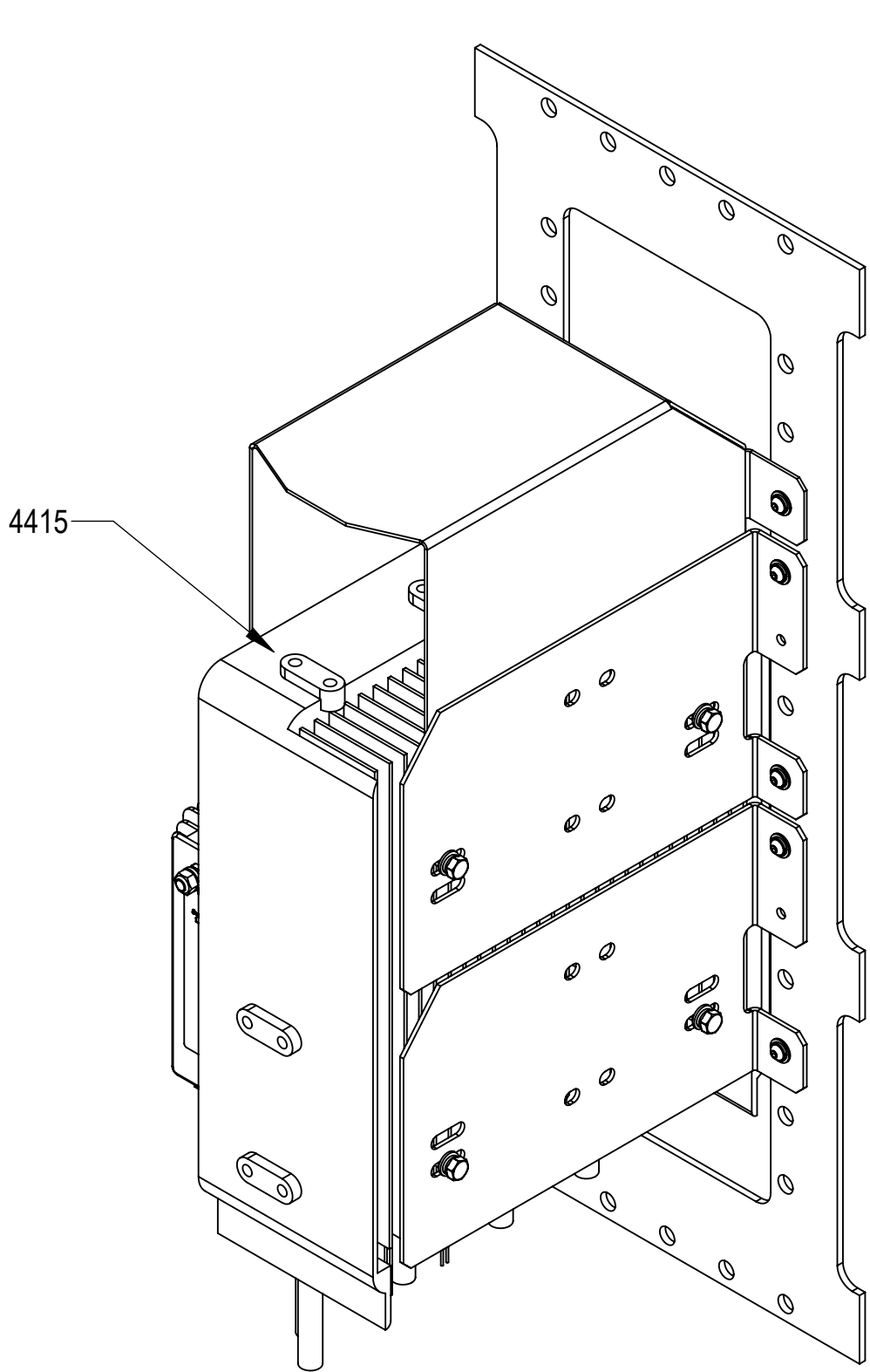
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C1- 4415 AND PSU AC08



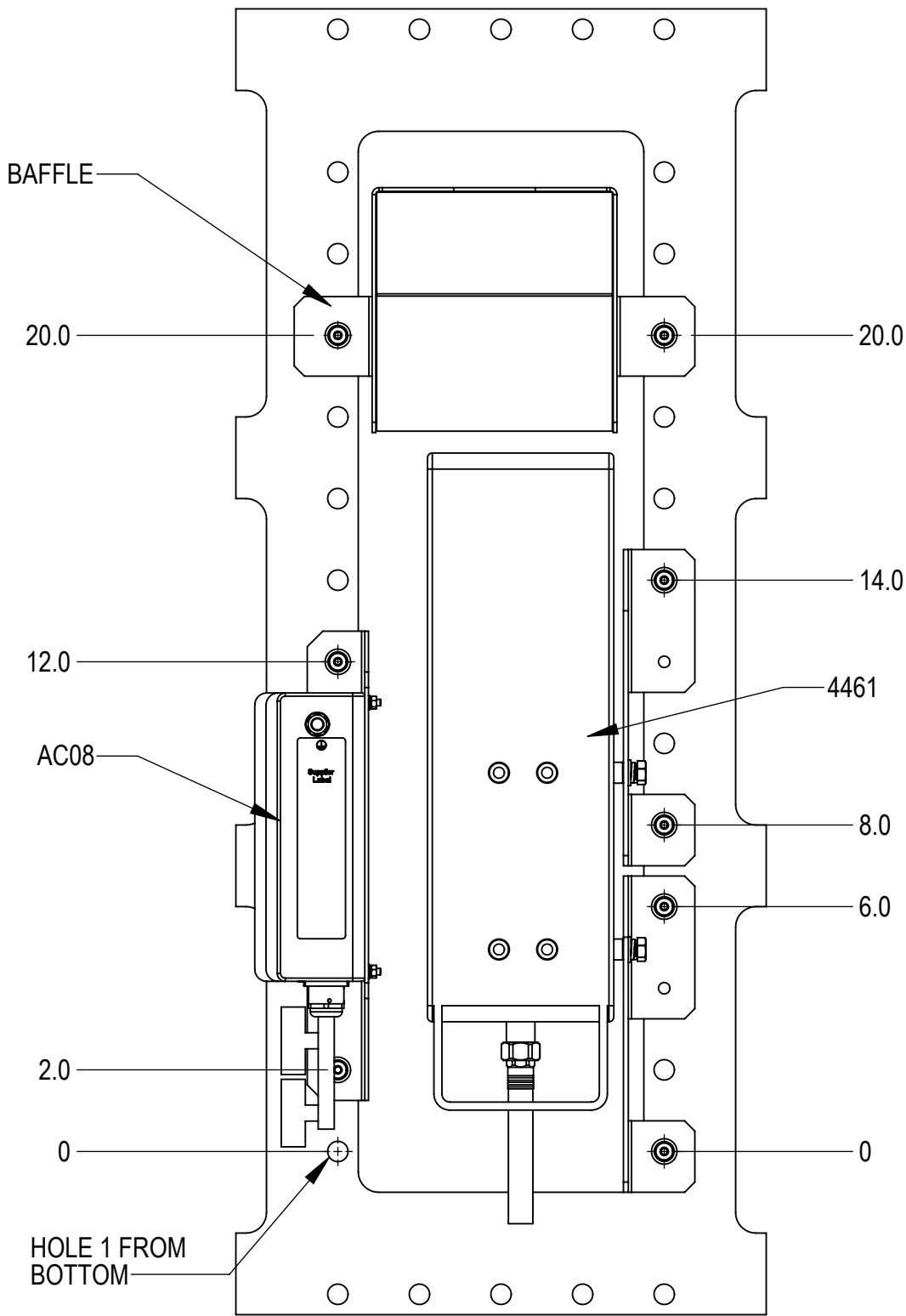
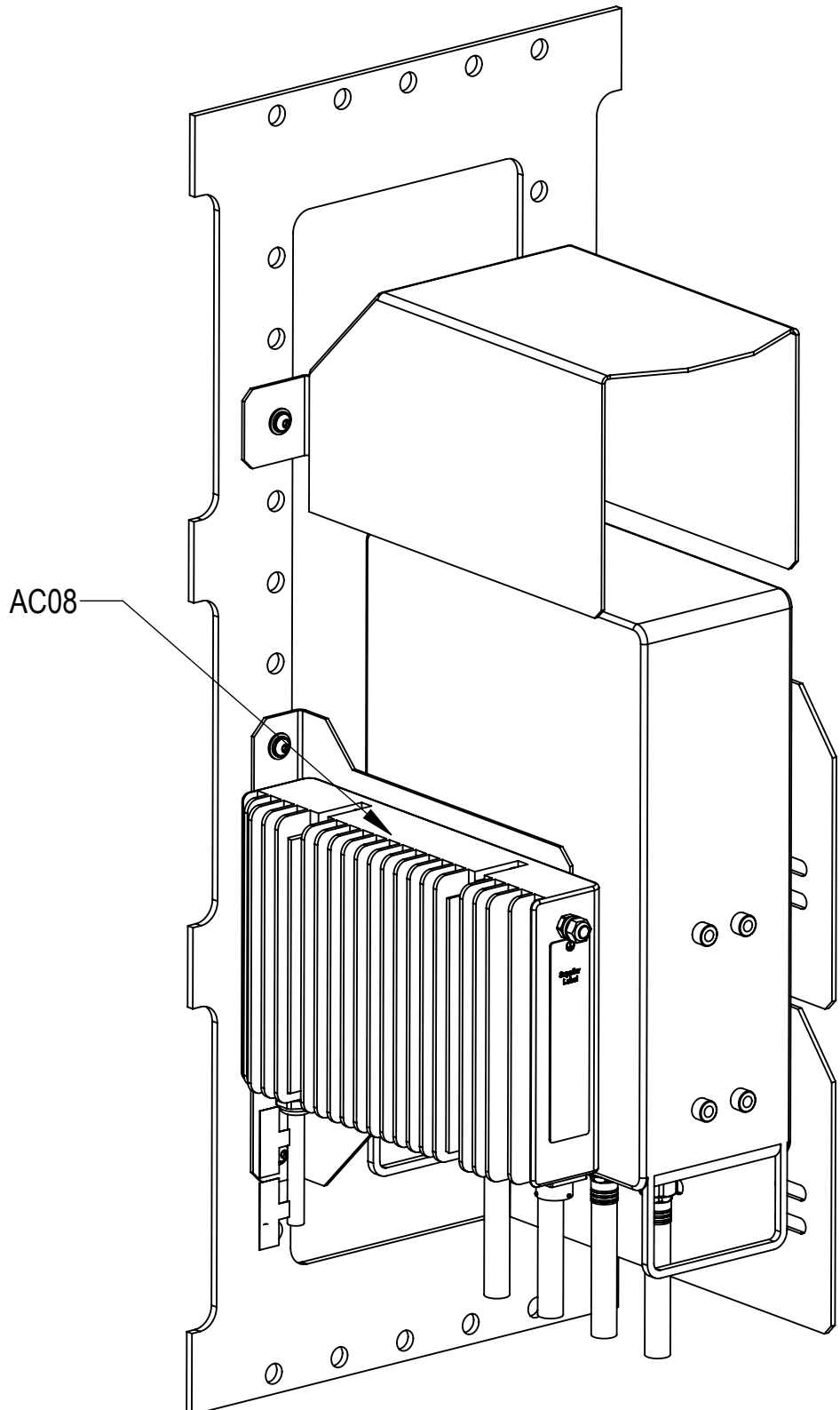
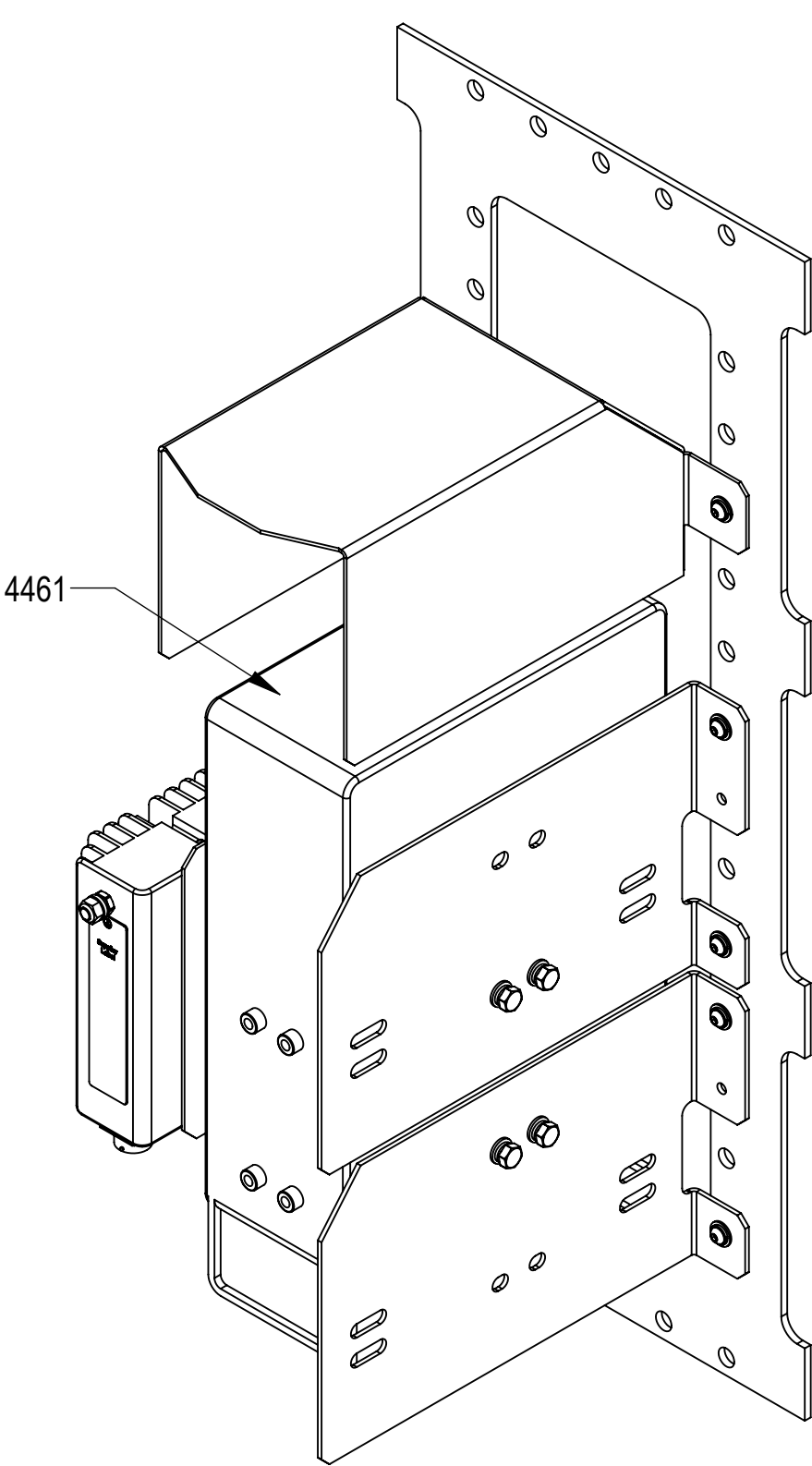
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C2- 4461 AND PSU AC08



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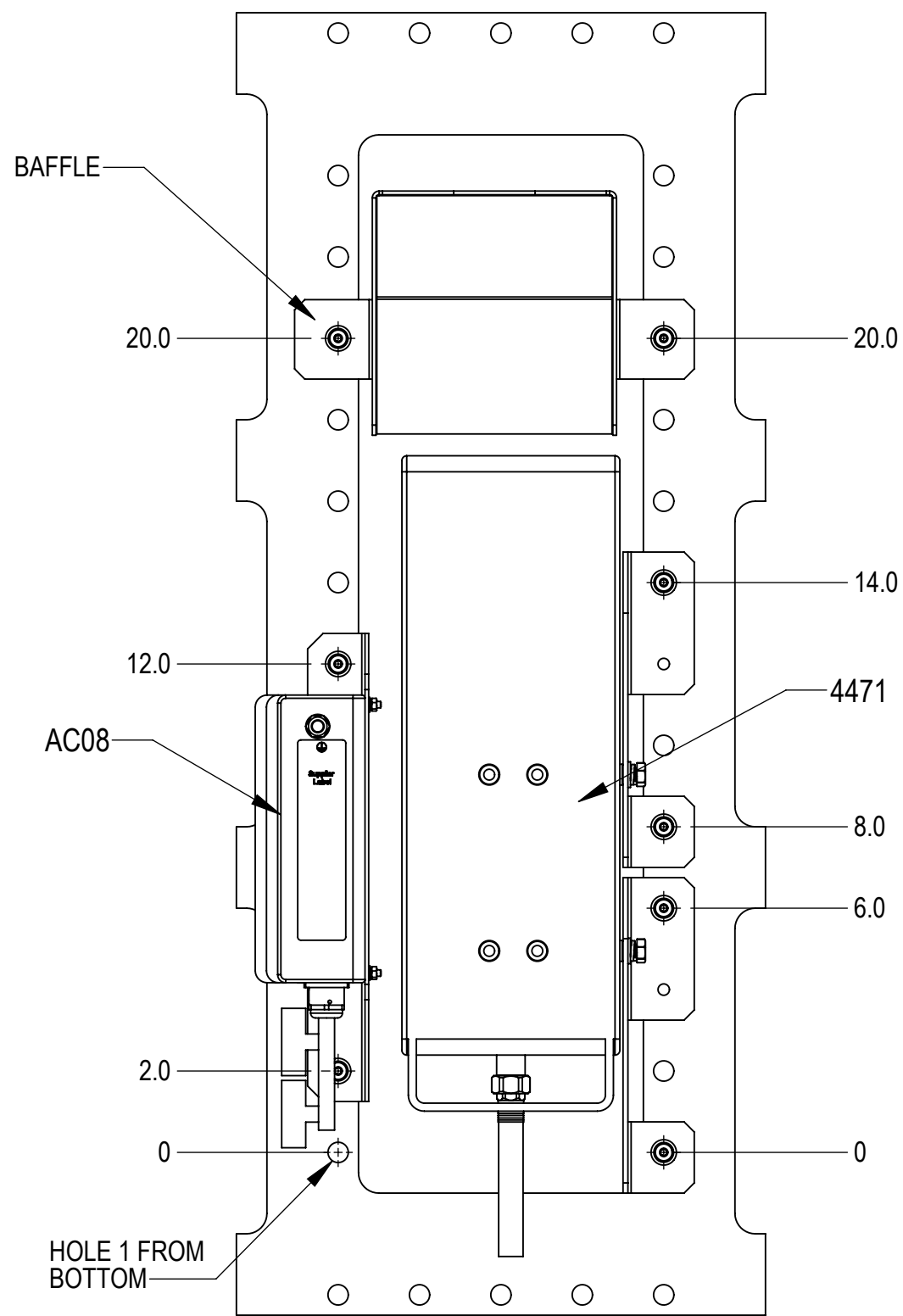
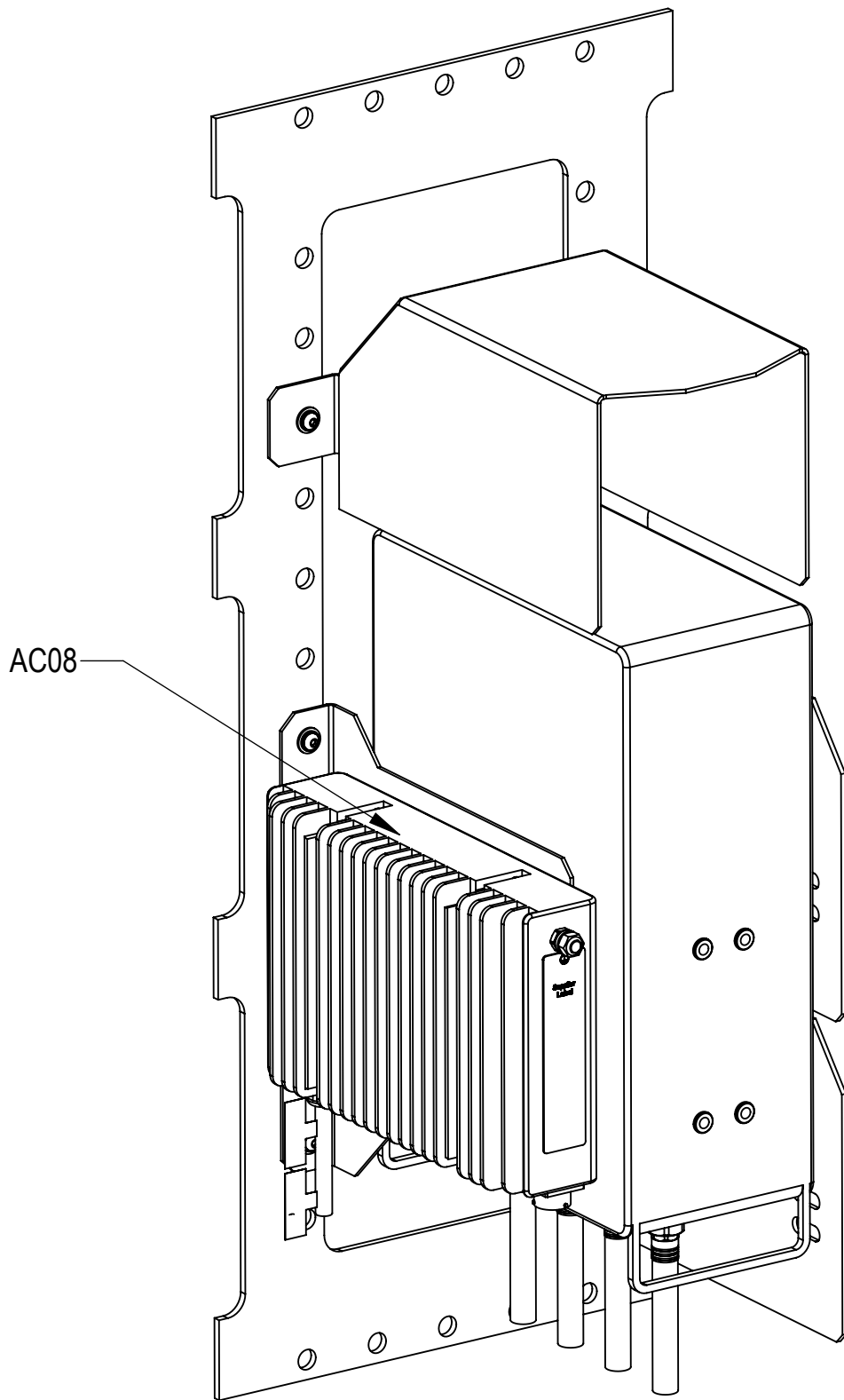
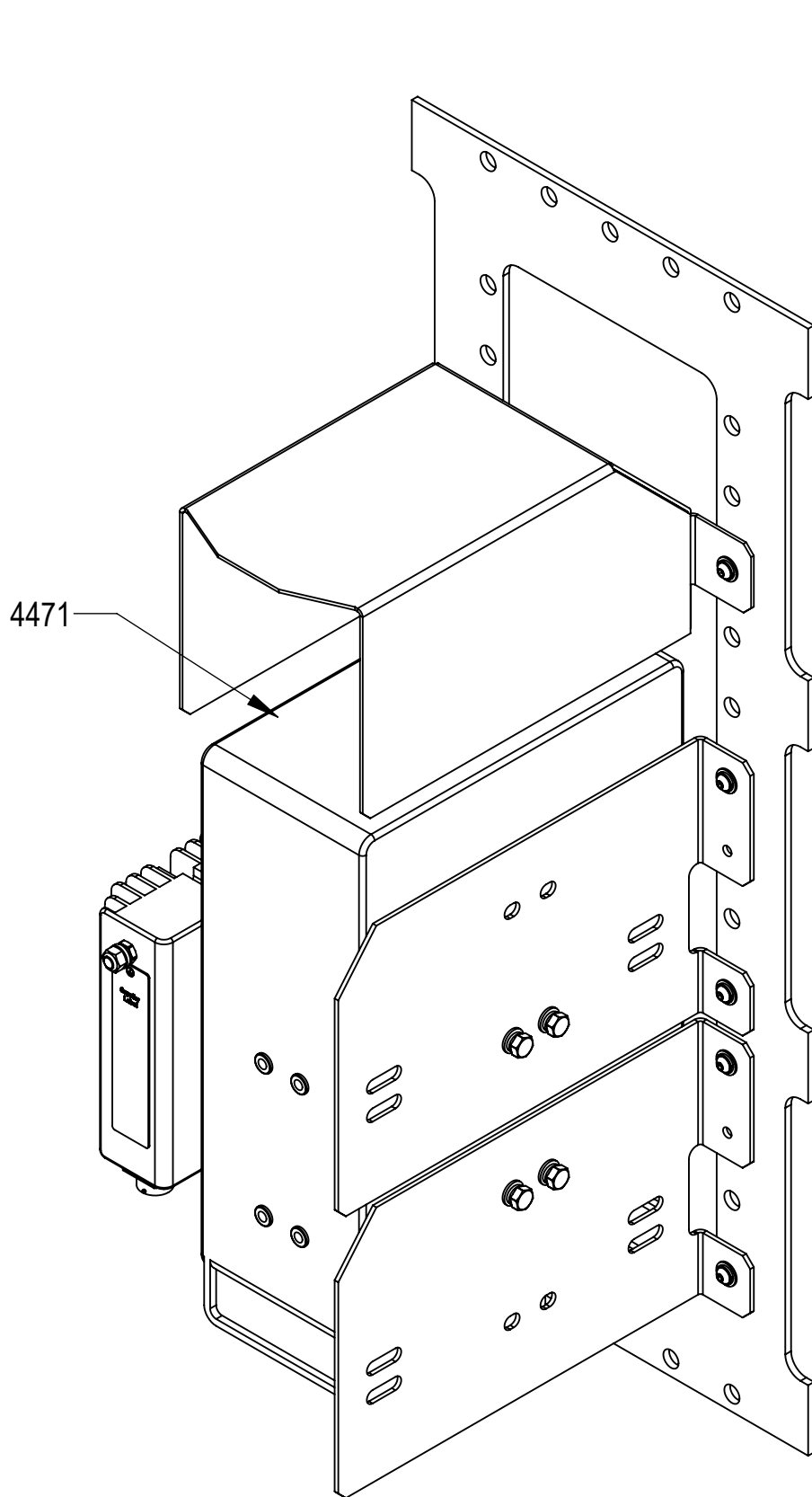
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C3- 4471 AND PSU AC08



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