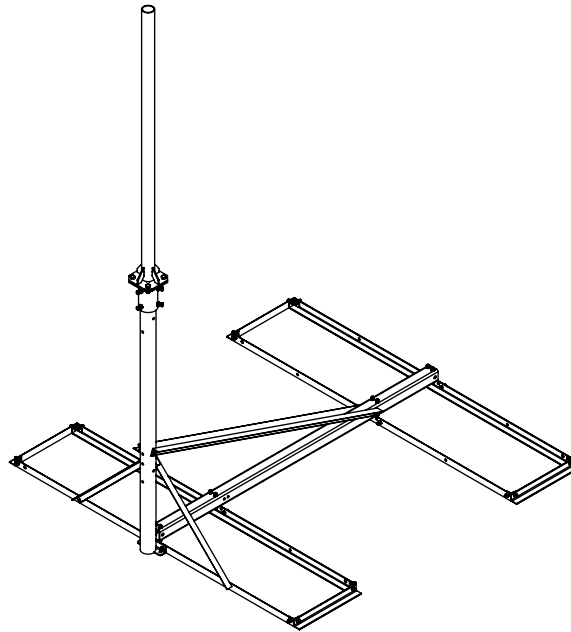


B46DRB-(000)X10 2 SECTION MAST

B46DRB-237X10
 -2.88x5' B46 MAST
 -2.37x5' MAST w/6"PLT
 B46DRB-288X10
 -2.88x5' B46 MAST
 -2.88x5' MAST w/6"PLT



SYM	PART #	DESCRIPTION	QTY.
1	AB1757HD	B4 SUPPORT TUBE ASSY 2.5SQx72", HDG	1
2	AB1624HD	6' B4 BALLAST ANGLE, HDG	4
3	AB1622RHHD	B4 RH REAR BRACE 61.25"L, HDG	2
4	AB1621LHHD	B4 LH SIDE BRACE 28.25"L, HDG	1
5	AB1621RHHD	B4 RH SIDE BRACE 28.25"L, HDG	1
6	AB1182-5B46HD	2.88"OD x 5' B4 MAST, HDG (LENGTH AS REQ'D)	1
7	as req'd	Dia. as req'd x 5' MAST w/6"PLT, HDG	1
8	AB4999X.5(6)6H5HD	MAST ADAPTER 2.88" OD TO 6"PLT	1
9	H5-0500-125SHCPZ	1/2"x1-1/4" SQ. HD CUP POINT SET SCREW, Z/P	6
10	H2-0500JN	1/2" JAM NUT, Z/P	6
11	H1-0500-125	1/2" x 1-1/4" BOLT GR.5, Z/P	4
12	H2-0500HN	1/2" NUT, Z/P	4
13	H4-0500LW	1/2" LOCKWASHER, Z/P	4
14	H1-0375-100	3/8"x 1" BOLT GR.5, Z/P	26
15	H1-0375-325	3/8" x 3-1/4" BOLT GR.5, Z/P	9
16	H4-0375LW	3/8" SPLIT-LOCKWASHER, Z/P	35
17	H2-0375HN	3/8" NUT, Z/P	35
18	H1-0375-400TB	3/8" x 4" TAP BOLT(FULL THREAD) GR.5, Z/P	2
19	H3-0375FW	3/8" USS FLATWASHER, Z/P	2
20	H2-0375WN	3/8" WHIZ LOCK NUT, Z/P	2
21	B6111LCFHD	CORNER CLIP, HDG	8
22	B1621FHD	B4 MOUNTING ANGLE, HDG	4
23	AB1425HD	16" SIDE PAD, HDG	4
		RUBBER PAD 18x48	4

HDWE-B4(R2)

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 ANGULAR: MACH ± BEND ±
 TWO PLACE DECIMAL ±
 THREE PLACE DECIMAL ±

DO NOT SCALE DRAWING

BAIRD MOUNTING SYSTEMS

CEDAR FALLS, IA 50613
 PHONE: 319-233-3561
 SALES@BAIRDMOUNTS.COM

TITLE:

B46, DOUBLE REAR BRACE, 10' TWO SECTION MAST

DRAWN BY
JK

MATERIAL
-

DWG. PURPOSE
INST

DATE
02/03/22

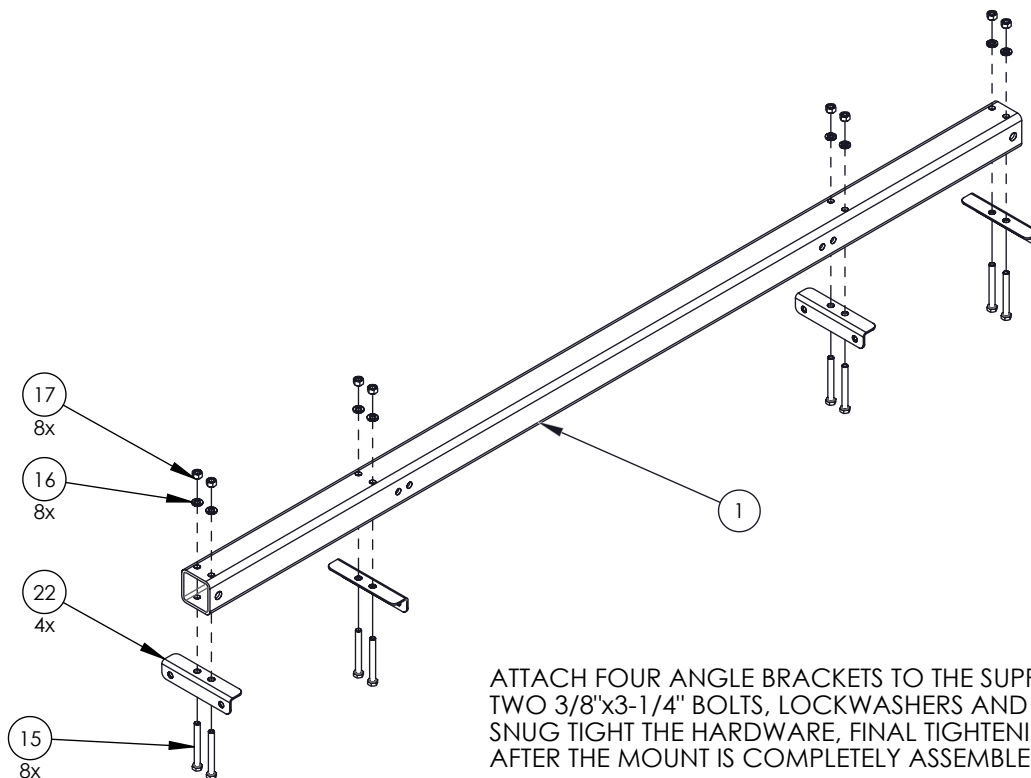
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SHEET
1 OF 4

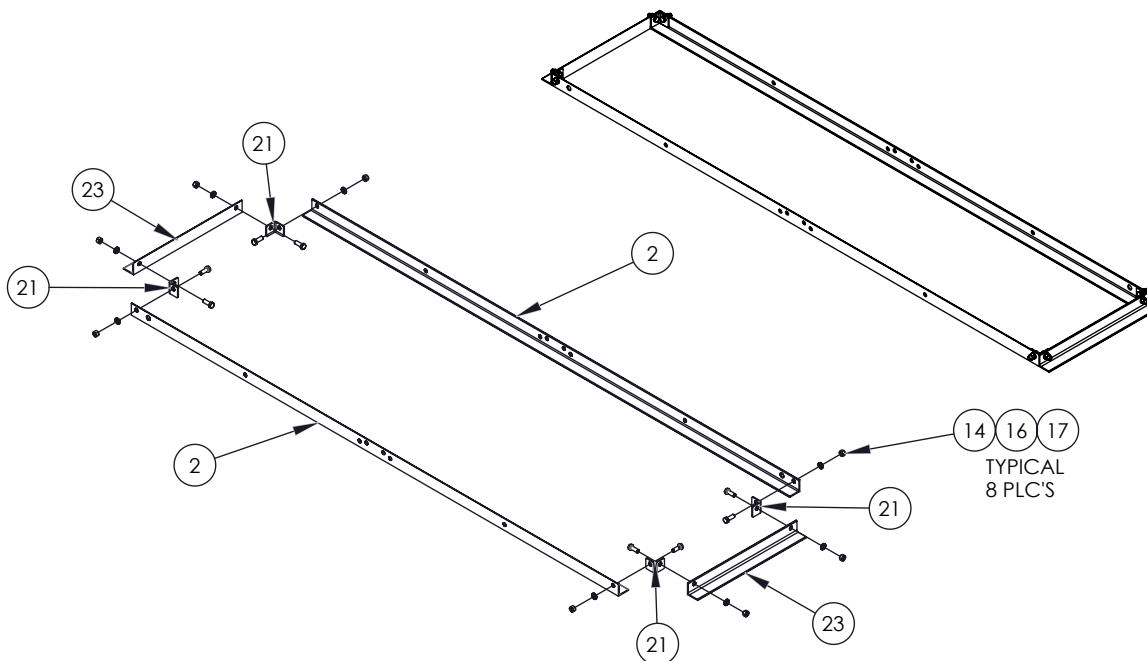
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PART. NO.
B46DRB-(000)X10

DWG. NO.
B46DRB-(000)X10 INST



ATTACH FOUR ANGLE BRACKETS TO THE SUPPORT TUBE USING TWO 3/8"x3-1/4" BOLTS, LOCKWASHERS AND NUTS PER BRACKET. SNUG TIGHT THE HARDWARE, FINAL TIGHTENING WILL BE DONE AFTER THE MOUNT IS COMPLETELY ASSEMBLED



ASSEMBLE THE TWO BALLAST TRAYS (AS SHOWN ABOVE). EACH BALLAST TRAY CONSISTS OF TWO 6' BALLAST ANGLES (#2) AND TWO SIDE PADS (#23) & FOUR CORNER CLIPS (#21). ASSEMBLE EACH TRAY USING EIGHT 3/8"x1" BOLTS, LOCKWASHERS AND NUTS (#14, #16, #17)

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MAST

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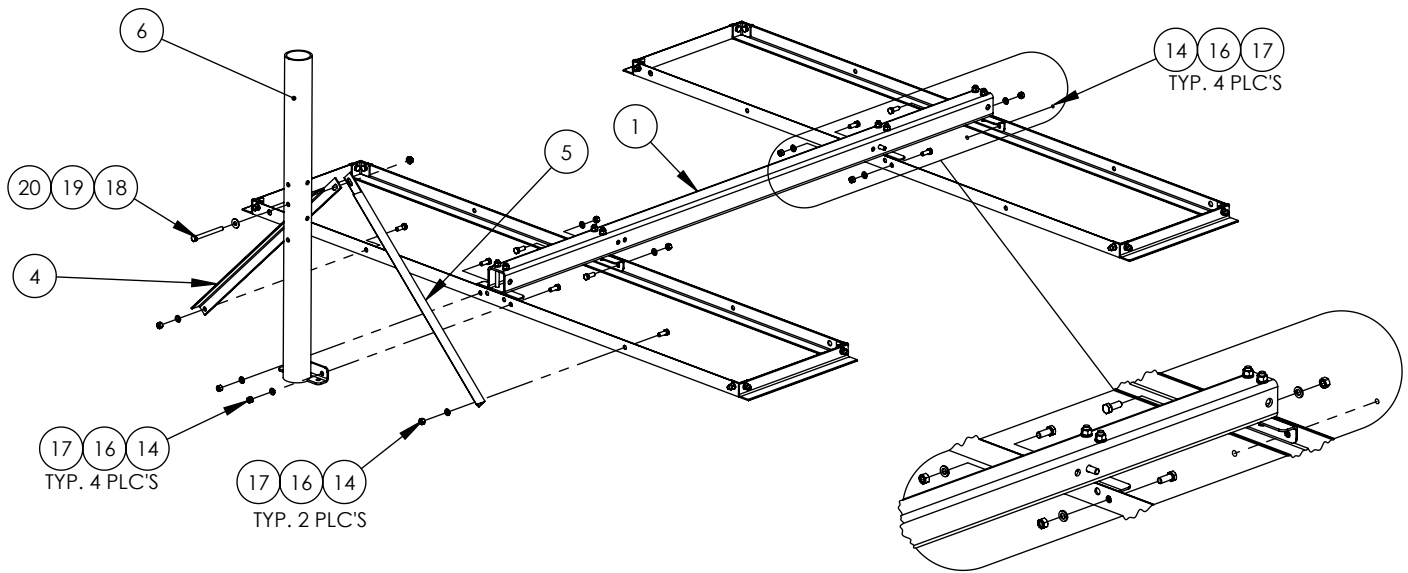
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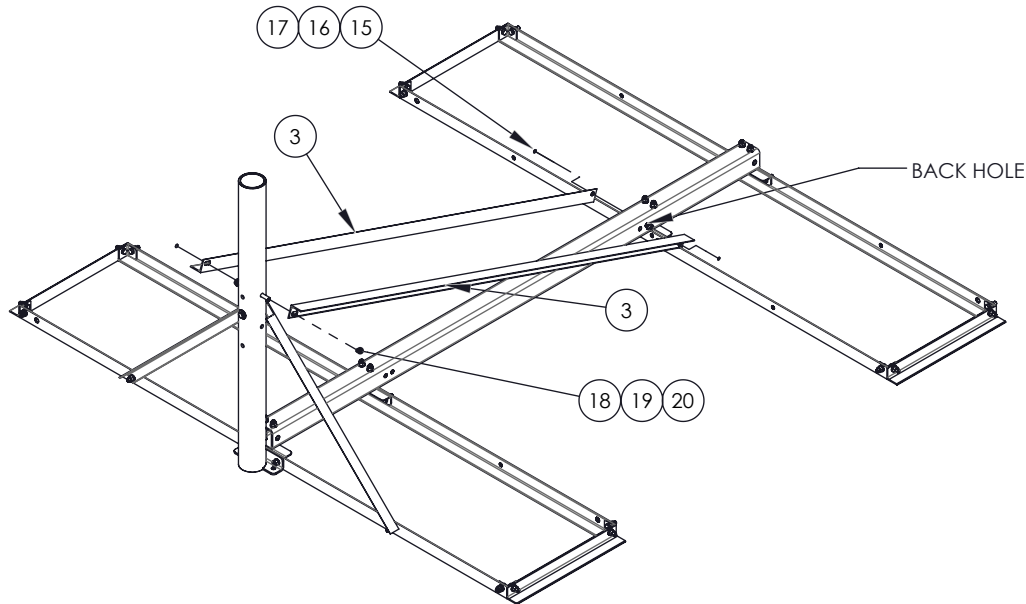
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PART. NO.
B46DRB-(000)X10

DWG. NO.
B46DRB-(000)X10 INST



ATTACH THE SUPPORT TUBE ASSY(#1) TO THE BALLAST TRAYS USING EIGHT 3/8"x1" BOLTS(#14), NUTS(#17) AND LOCKWASHERS(#16). THE MAST(#6) ALSO GETS ATTACHED AT THIS STEP. ATTACH THE SIDE BRACES(#4 & #5) TO THE MAST USING A 3/8"x4" TAP BOLT(#9), FLATWASHER(#12) AND WHIZLOCK NUT(#13). NOTE: THE SLOTTED END ATTACHES AT THE MAST. ATTACH THE OTHER END OF EACH SIDE BRACE TO THE BALLAST TRAY USING A 3/8" x 1" BOLT(#14), 3/8" LOCKWASHER (#16) & NUT (#17).



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TITLE:

B46, DOUBLE REAR BRACE, 10' TWO SECTION MAST

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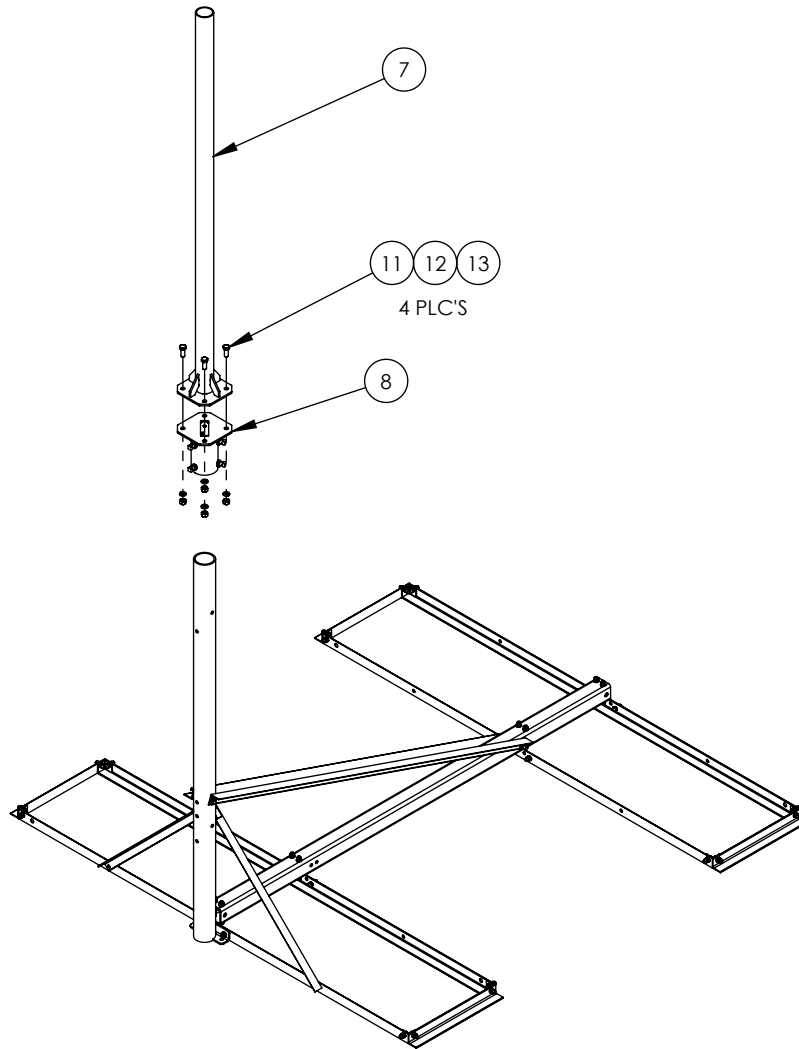
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PART. NO.
B46DRB-(000)X10

DWG. NO.
B46DRB-(000)X10 INST

REV. 12/2025



ATTACH THE UPPER MAST(#7) TO THE MAST ADAPTER(#8) USING FOUR 1/2"x1-1/4" BOLTS, NUTS AND LOCKWASHERS (11,12,13).

SLIDE THE ASSEMBLED MAST EXTENSION OVER THE TOP OF THE LOWER MAST(#6) AND SECURE USING THE SIX SET SCREWS ON THE MAST ADAPTER.

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DATE
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SHEET
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PART. NO.
B46DRB-(000)X10

DWG. NO.
B46DRB-(000)X10 INST