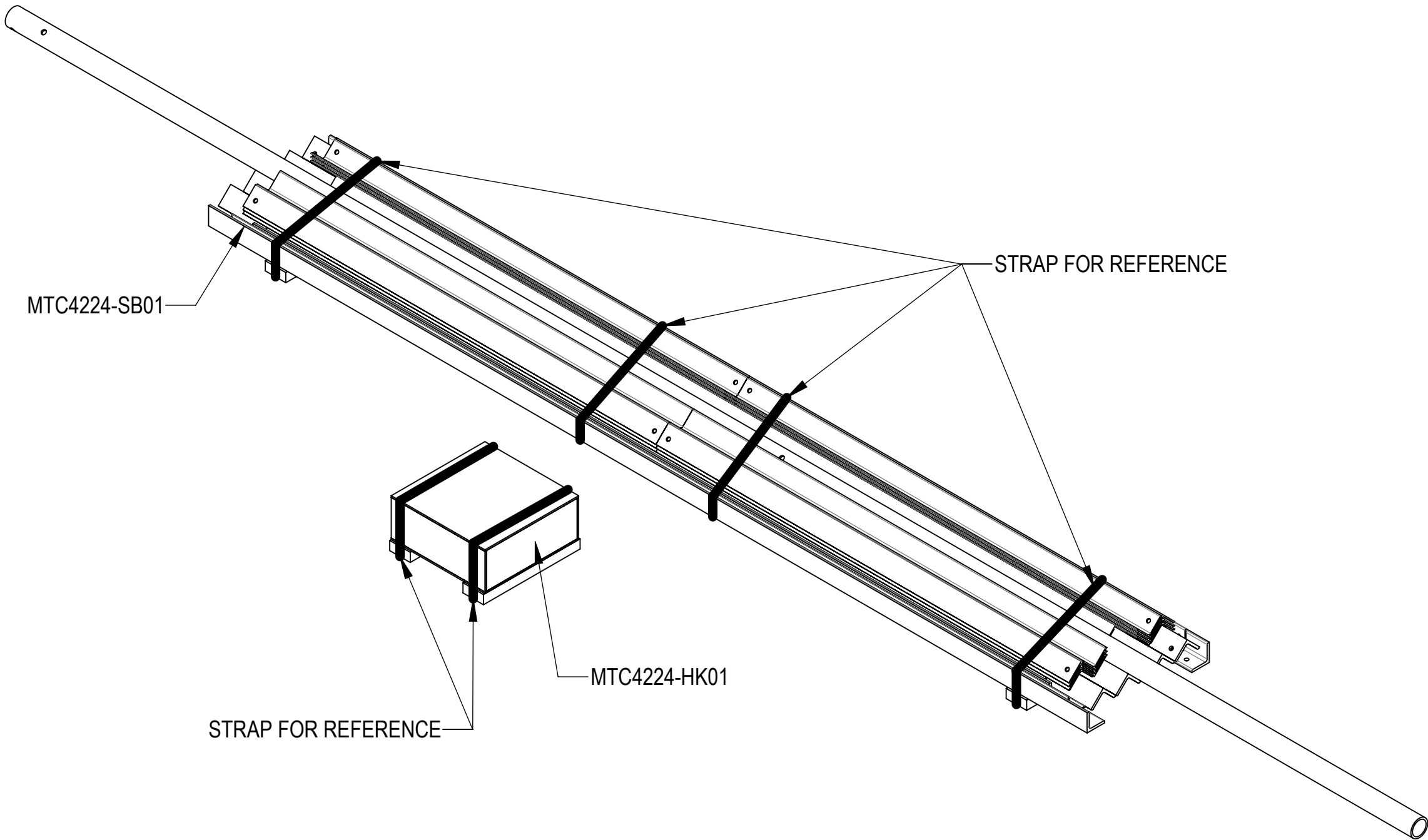


- 4
- 3
- 2
- 1
- 1.0 GENERAL NOTES
- 1.1 ALL METRIC DIMENSIONS ARE IN BRACKETS [X. X]
- 1.2 FOR PATENT INFO: <https://www.adwpat.com>
- 2.0 DESIGN NOTES
- 3.0 MANUFACTURING/SPECIAL REQUIREMENTS
- 3.1 TIGHTEN ALL BOLTS 3/8" OR LARGER SECURING FLAT PLATES SNUG TIGHT.
- TIGHTEN ALL U-BOLTS/THREADED RODS SNUG TIGHT, WITH ATTENTION TO LEAVE EQUAL DISTANCE AND EQUAL FORCE ON EACH LEG OF U-BOLT/THREADED ROD.
- 3.2 SNUG TIGHT IS DEFINED AS THE CONDITION OBTAINED WITH A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF AN INSTALLER USING AN ORDINARY SPUD WRENCH TO BRING THE CONNECTED LAYERS (PLIES) OF STEEL INTO FULL CONTACT.
- 3.3 FOR BOLTS IN A PATTERN, TIGHTEN IN A CRISS-CROSS OR STAR SEQUENCE, INCREASING TORQUE IN GRADUAL STEPS UNTIL SNUG TIGHT.
- 4.0 TEST
- 5.0 PACKAGING
- 5.1 PACKAGING SHALL MEET ANDREW REQUIREMENTS PER DOCUMENT IS-PL-3005
- 5.2 PRINTED DOCUMENT TO BE PLACED INSIDE POLYBAG AND THEN IN SHIPPING CONTAINER
- 5.3 EXTRA HARDWARE MAY BE SUPPLIED, BAGGED AND SHIPPED

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	YX1027 12MAY26	YZ1080 50108385AMO
B	SHEET5: ADDED INSTALLATION VIEW	YX1027 23JUN26	YZ1080 50108988AMO



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TOLERANCES		SAP MATERIAL MASTER							
1 PLACE .X[X] ± 0.2[6.3]	3 PLACE .XXX[X] ± 0.060[1.5]	760263897-20							
2 PLACE .XX[X] ± 0.12[3.0]	ANGLES ± 2°								
FINISH		MATERIAL							
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES INTERPRET PER ANSI Y 14.5M-1994		NAME	DATE	TITLE SWIVEL MAST,NPRM, 2.875" X 240"					
	CE	YX1027	12MAY26						
	RW	YX1027	06/23/2026						
					SCALE 1:24 DOCUMENT NO. 760263897-20				
	AD	YZ1080	06/24/2026						
	RE	YMENG	06/24/2026						
ECN 50108988AMO									
SIZE	Auth Group	INSL	MODEL			DRAWING			SHEET 1 OF 5
C			VERSION	STATUS	REVISION	VERSION	STATUS	REVISION	
			01	RE	B	01	RE	B	

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C

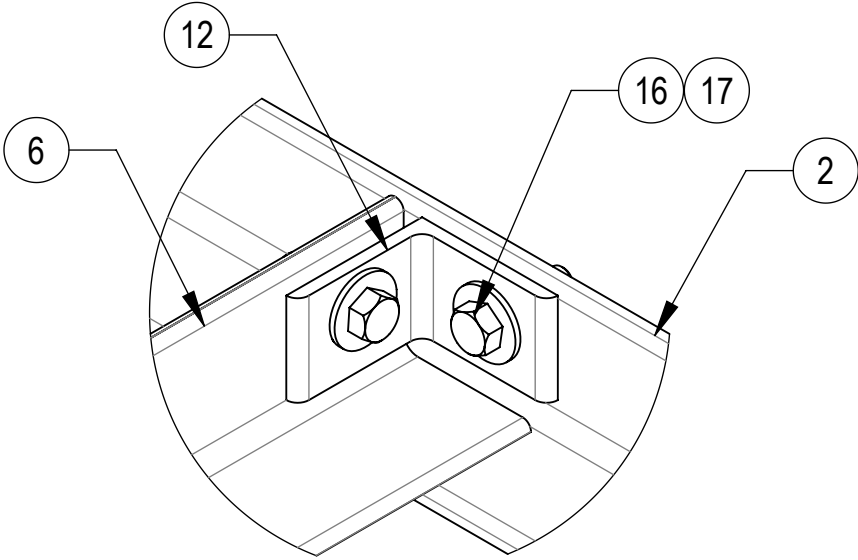
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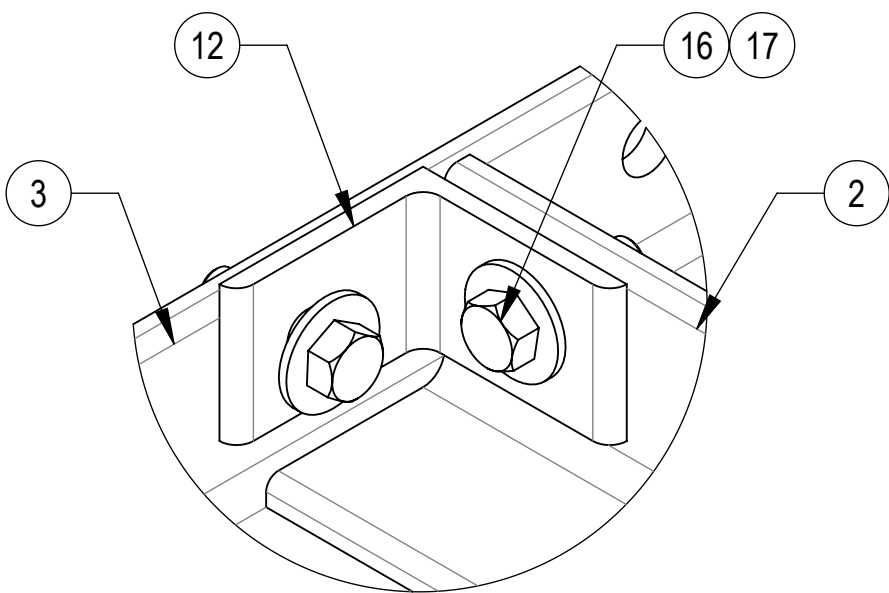
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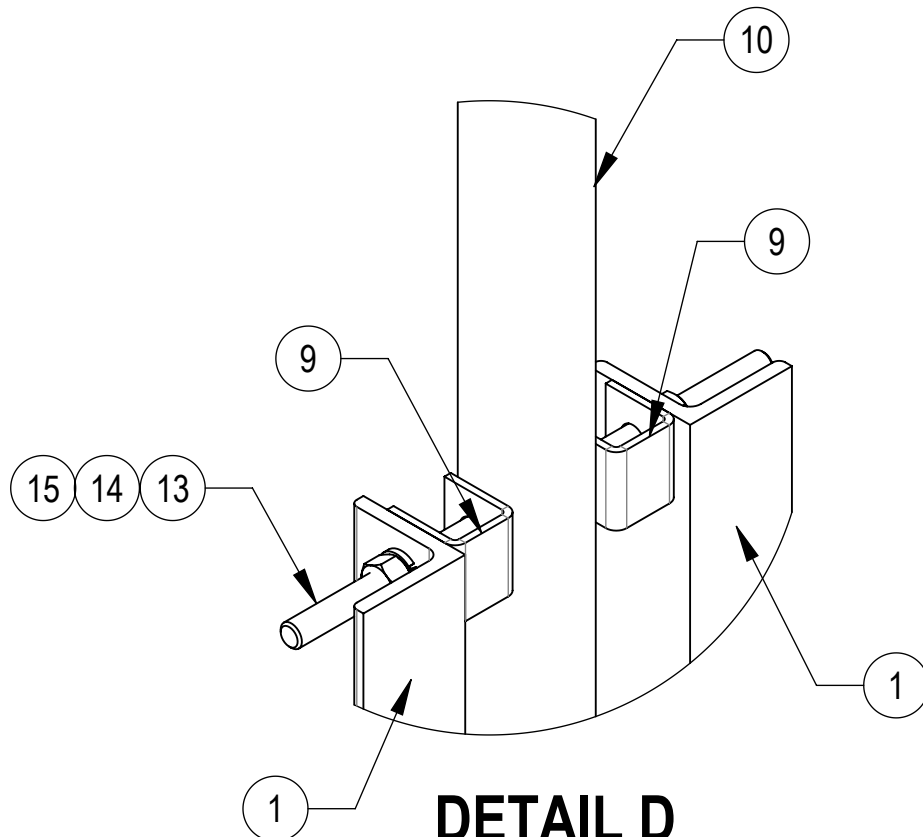
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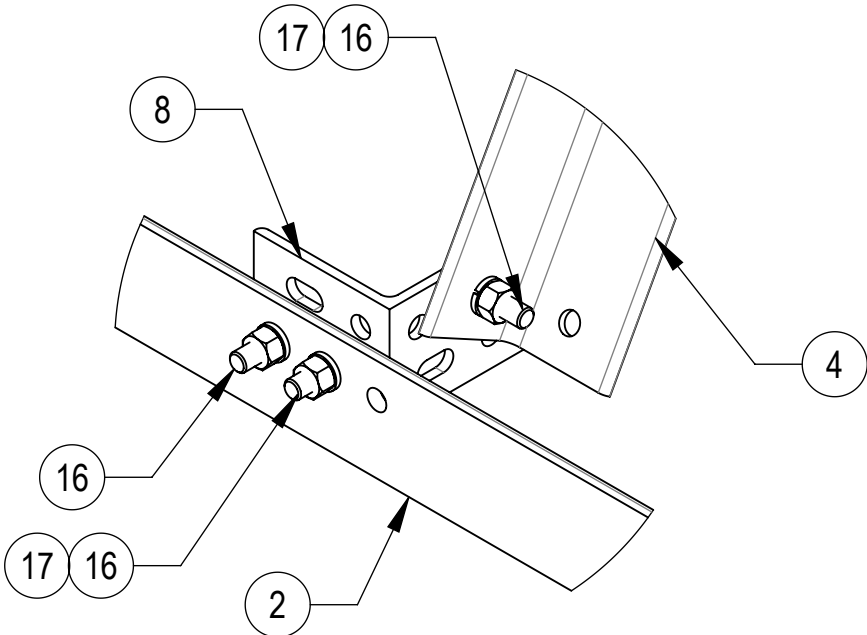
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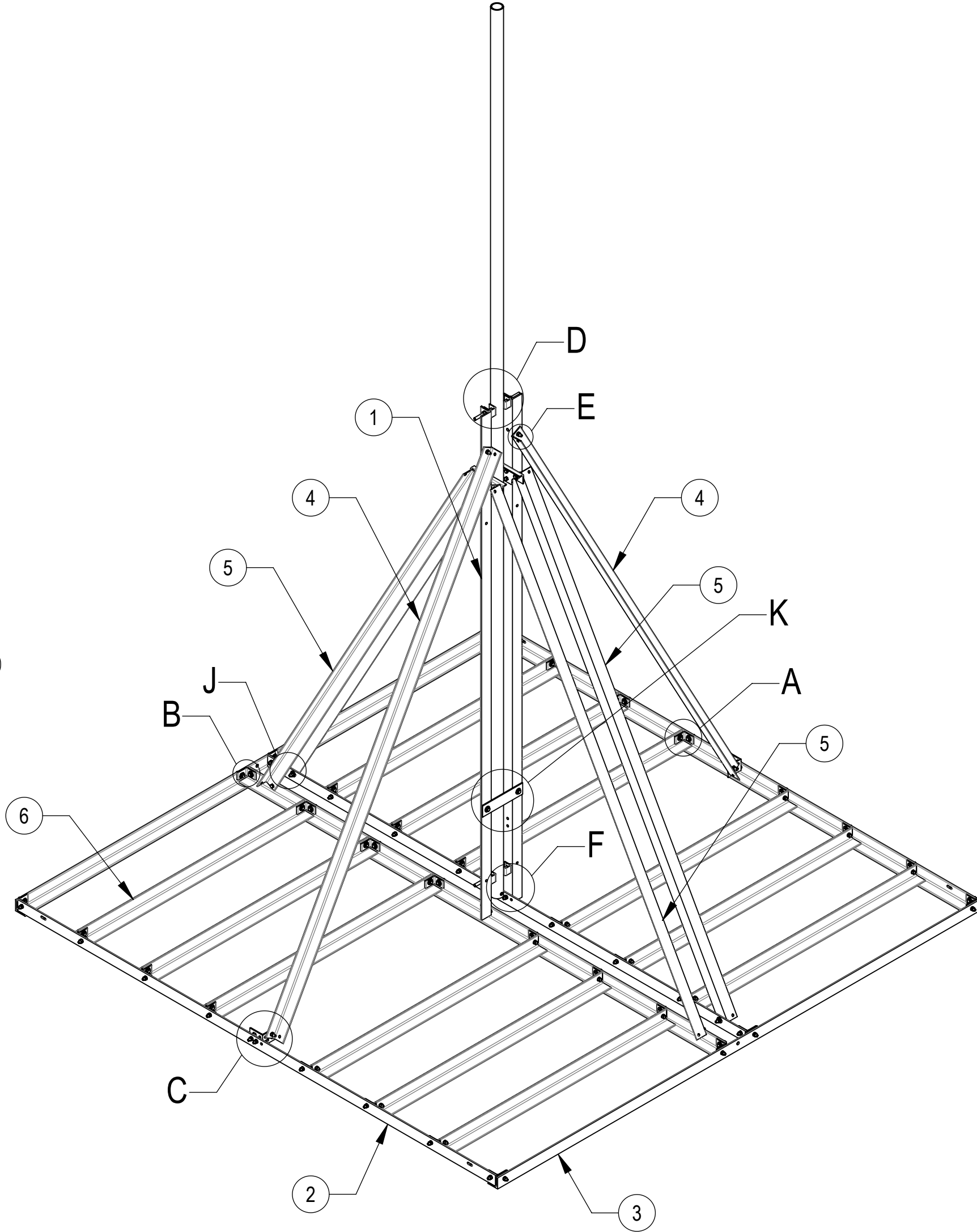
DETAIL B
SCALE 1 : 2



DETAIL D
SCALE 1 : 4



DETAIL C
SCALE 1 : 4



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

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	WEIGHT	NOTE NO.
1	MTC4224-1000-00	CENTRAL ANGLE BRACING	2	81.47 LBS	
2	MTC4224-2000-00	BASE ANGLE SUPPORT	4	89.20 LBS	
3	MTC4224-3000-00	BASE ANGLE SUPPORT	2	90.11 LBS	
4	MTC4224-4000-00	DIAGONAL ANGLE BRACING	2	44.48 LBS	
5	MTC4224-5000-00	DIAGONAL ANGLE BRACING	4	41.43 LBS	
6	MTC4224-6000-00	BASE ANGLE SUPPORT	24	21.96 LBS	
7	MTC4224-7000-00	MOUNTING BRACKET	2	2.68 LBS	
8	MTC4224-8000-00	BASE MOUNTING ANGLE	2	1.42 LBS	
9	MTC4224-9000-00	UPPER SUPPORT	4	0.53 LBS	
10	MTC4224-1100-00	FLOCK SWIVEL POLE	1	153.59 LBS	
11	MTC4224-1200-00	LIMIT STOP PLATE	1	2.59 LBS	
12	MTC92340925-00	ANGLE CLIP	32	0.73 LBS	
13	MT-382-14	5/8" X 14" GALV THREADED ROD	2	1.21 LBS	
14	GN-05	5/8" GALV HEX NUT	4	0.08 LBS	
15	GWL-05	5/8" GALV LOCK WASHER	4	0.03 LBS	
16	GB-04165	1/2" X 1-3/4" GALV BOLT KIT	88	0.14 LBS	
17	GWF-04	1/2" GALV FLAT WASHER	78	0.04 LBS	

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TITLE
SWIVEL MAST,NPRM, 2.875" X 240"

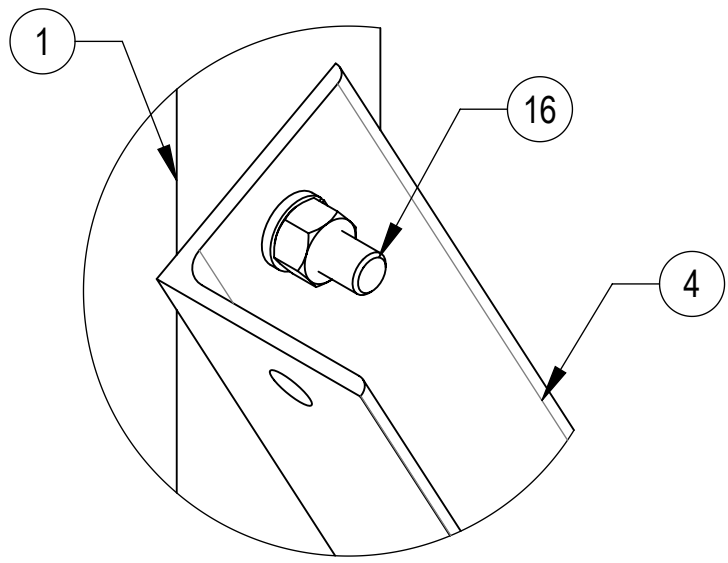
SIZE
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SCALE
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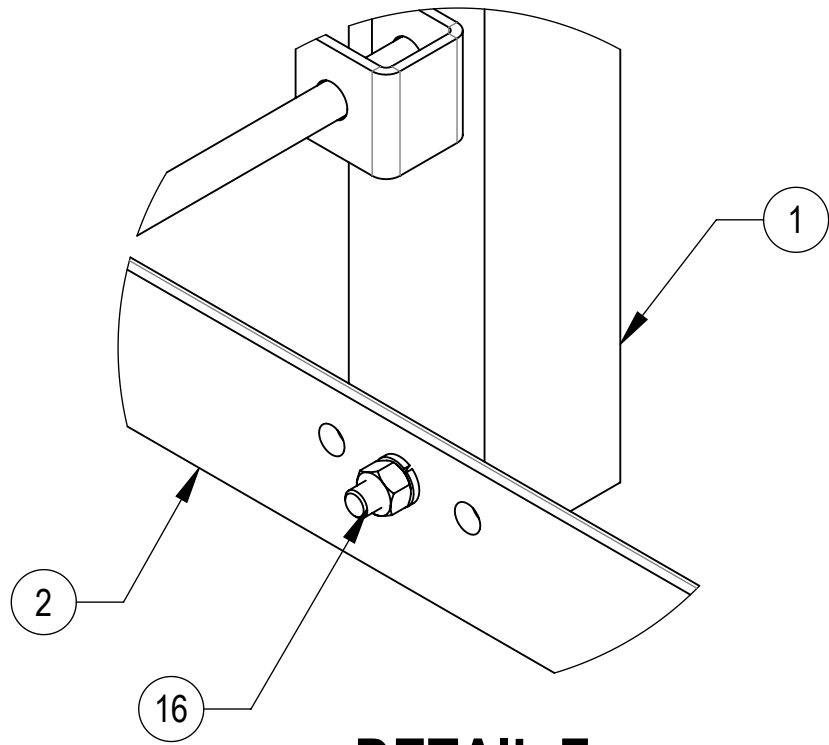
DOCUMENT NO.
760263897-20



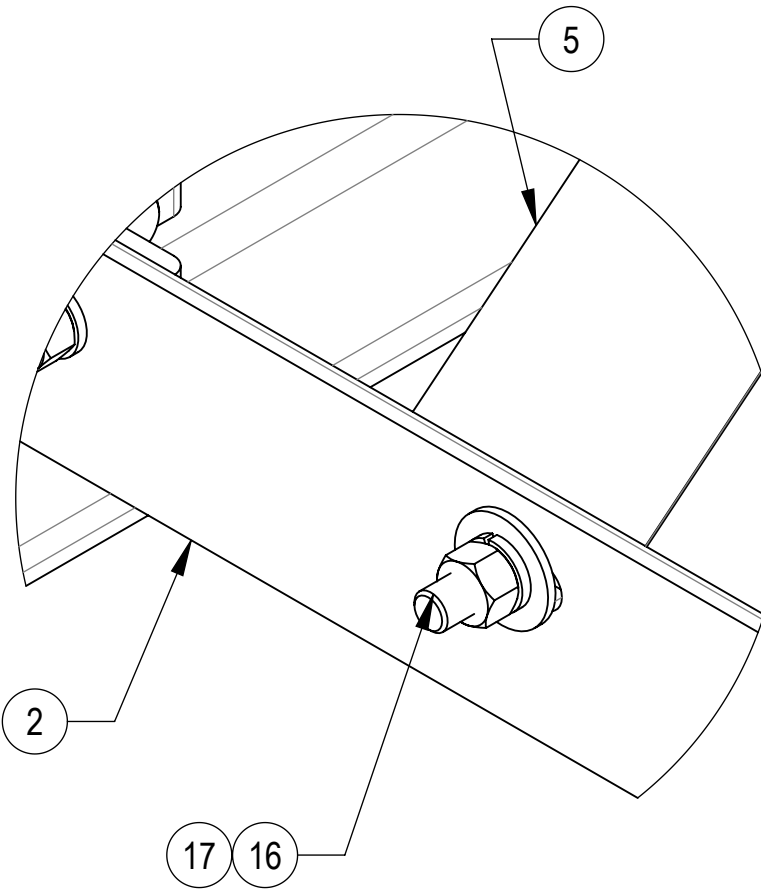
DRAWING			SHEET 2 OF 5
VERSION	STATUS	REVISION	
01	RE	B	



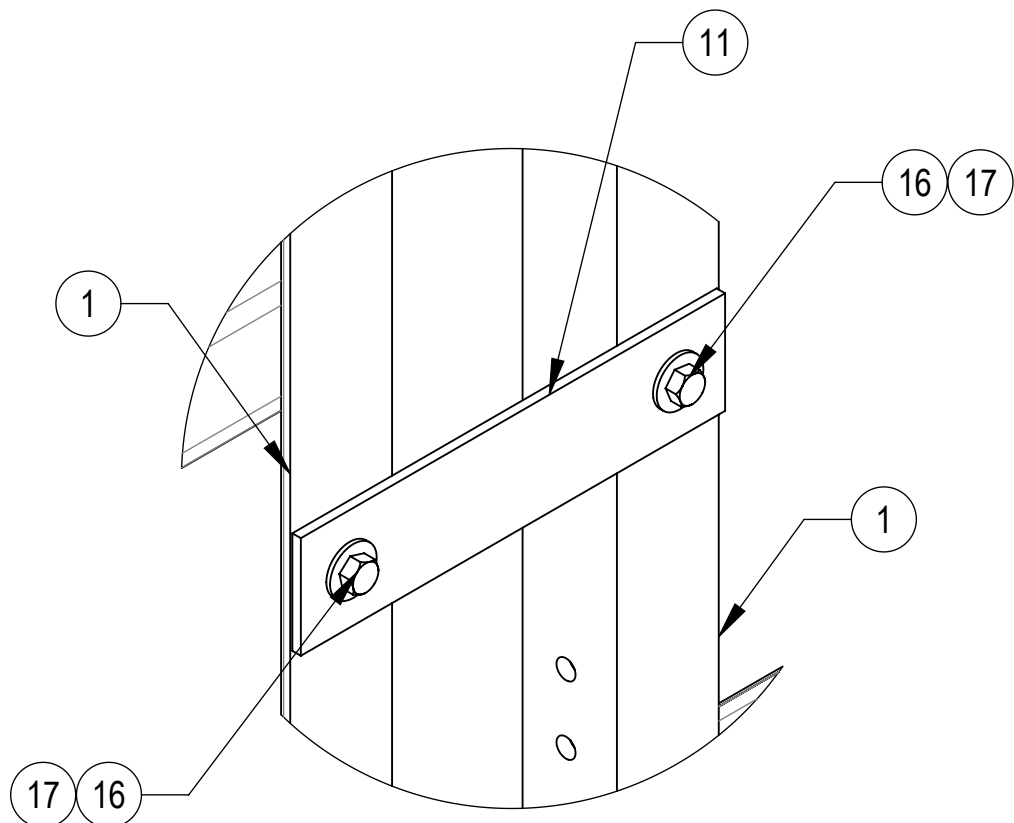
DETAIL E
SCALE 1 : 2



DETAIL F
SCALE 1 : 3



DETAIL J
SCALE 1 : 2



DETAIL K
SCALE 1 : 4



TITLE
SWIVEL MAST,NPRM, 2.875" X 240"

SIZE C	SCALE 1:48	DOCUMENT NO. 760263897-20			
		DRAWING			SHEET 3 OF 5
		VERSION	STATUS	REVISION	
		01	RE	B	

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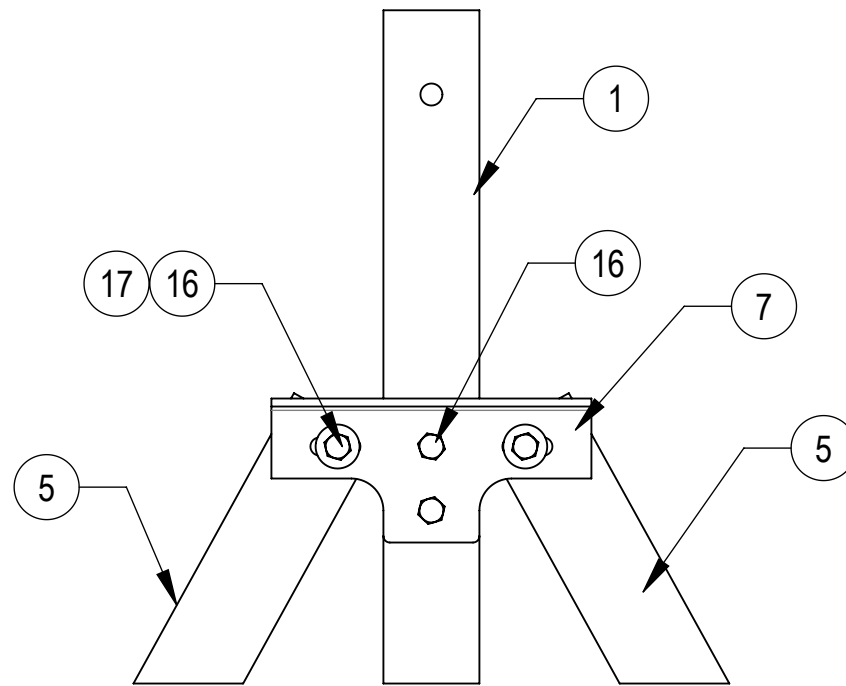
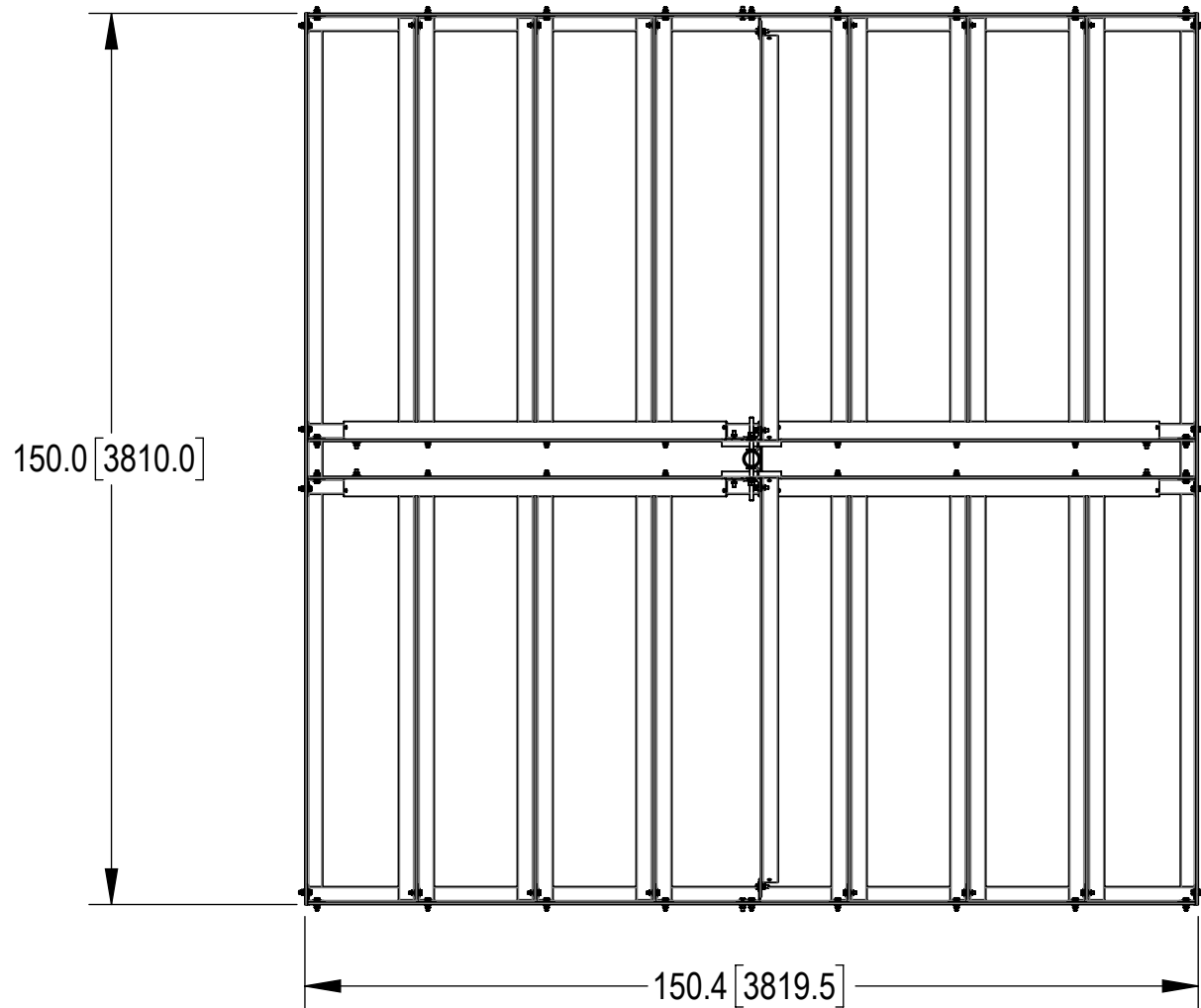
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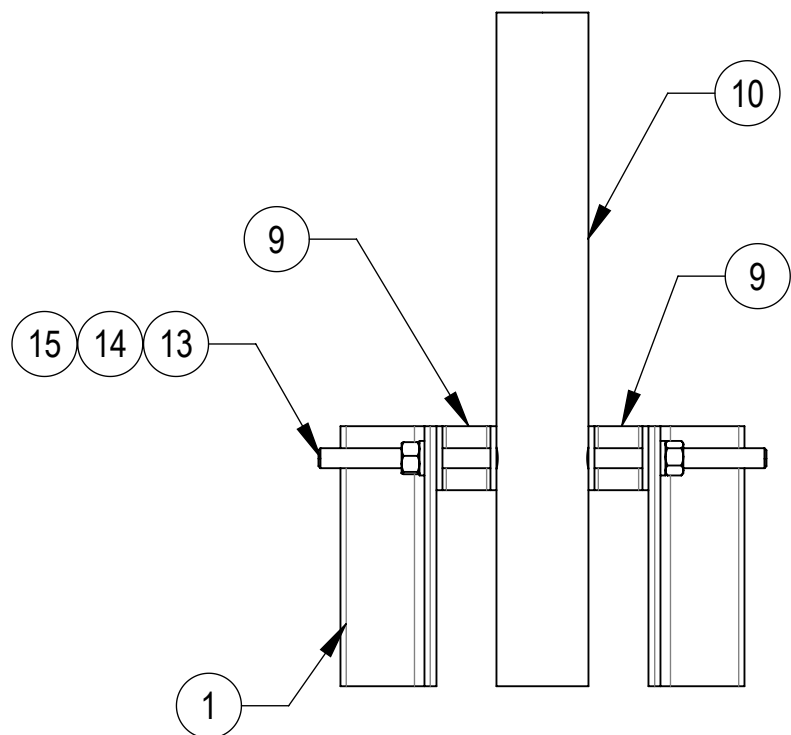
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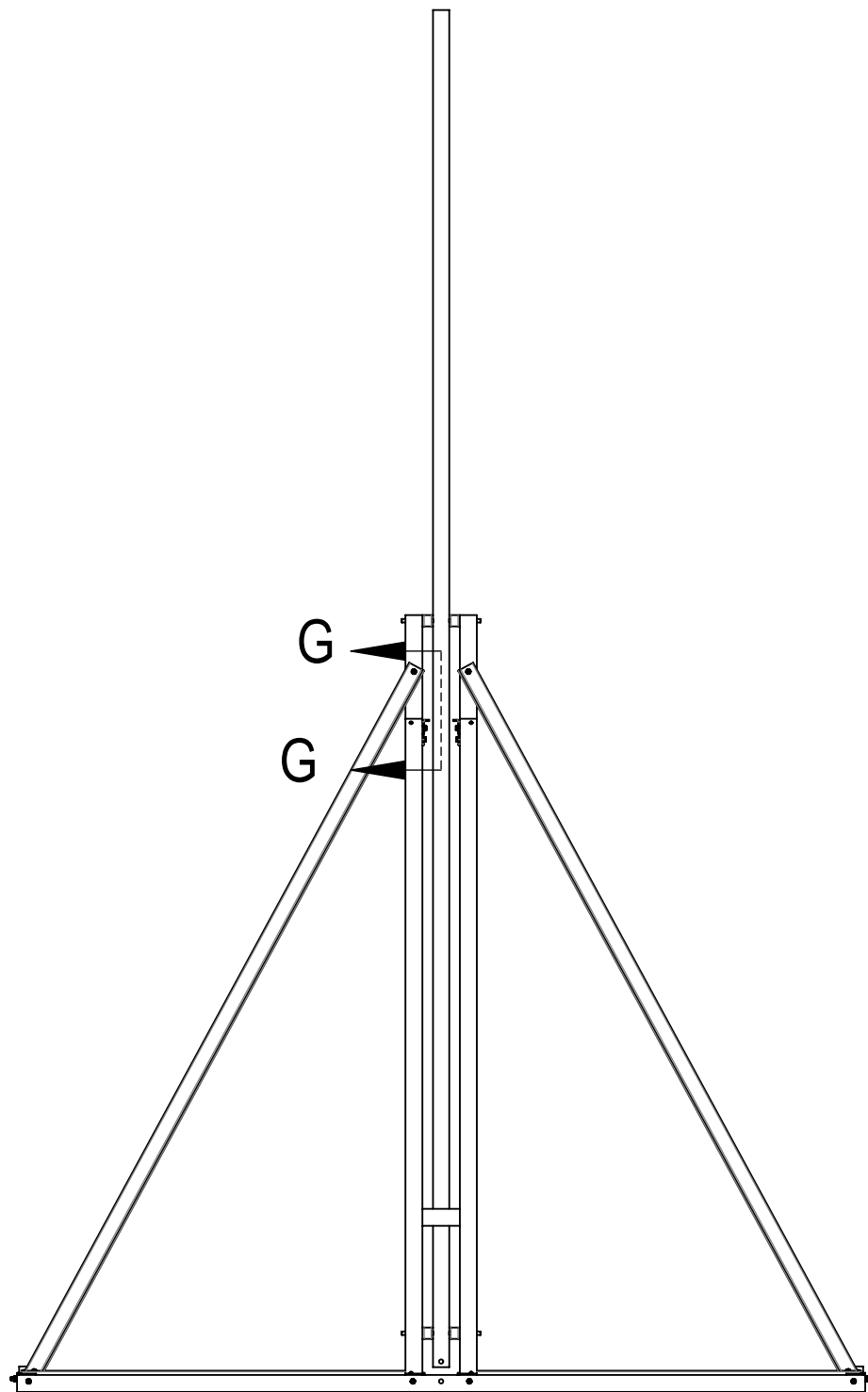
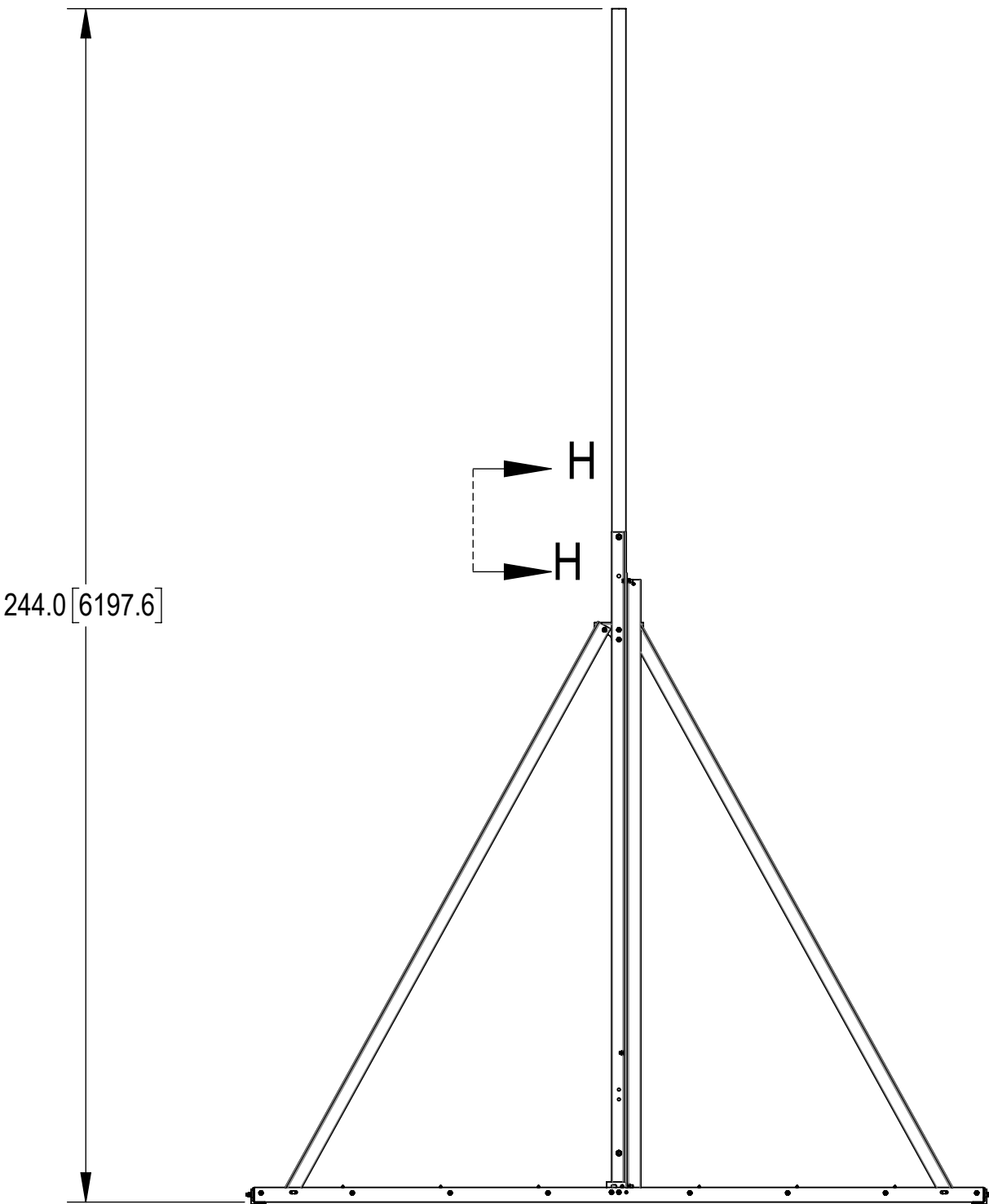
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SECTION G-G
SCALE 1 : 6



SECTION H-H
SCALE 1 : 6



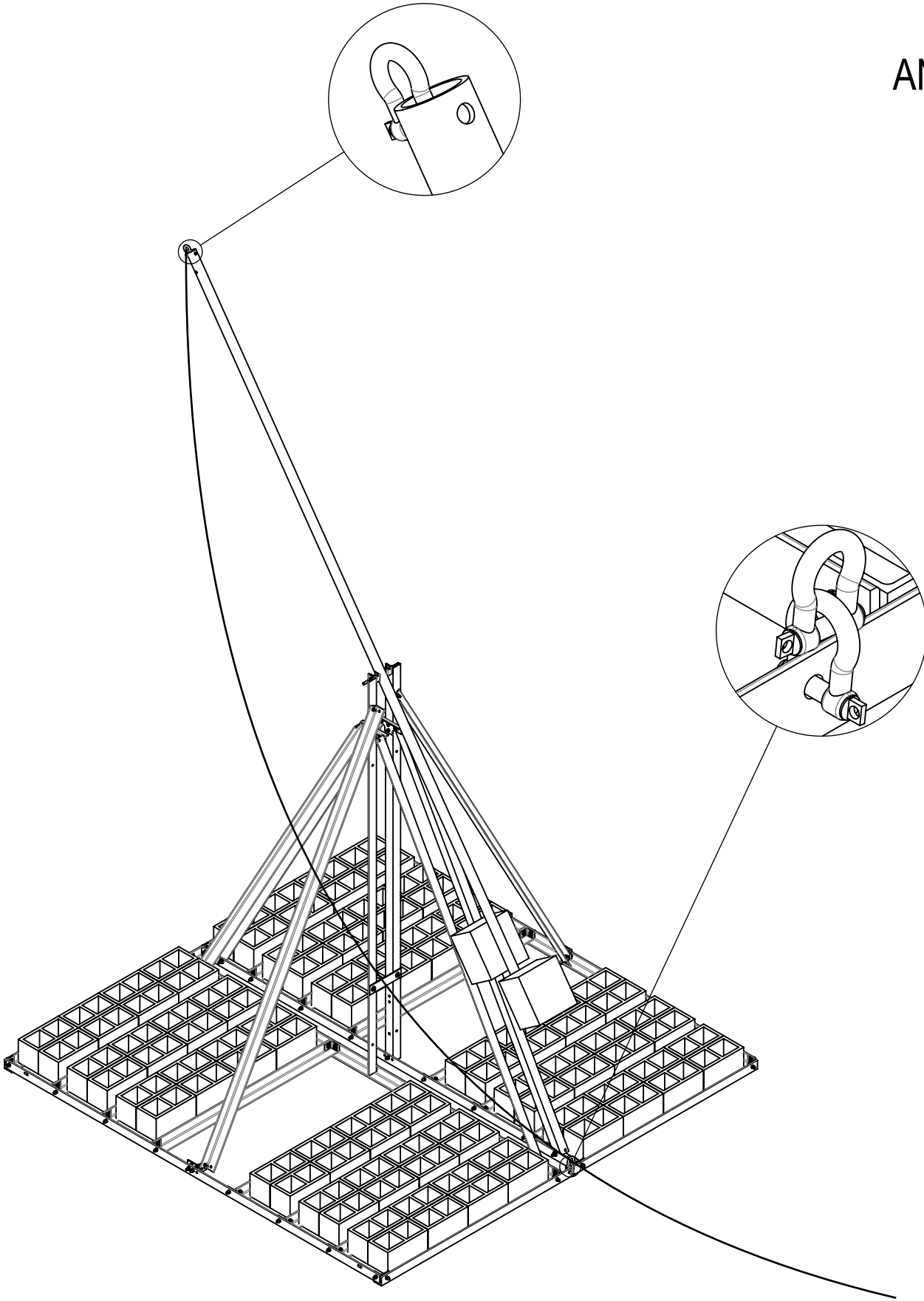
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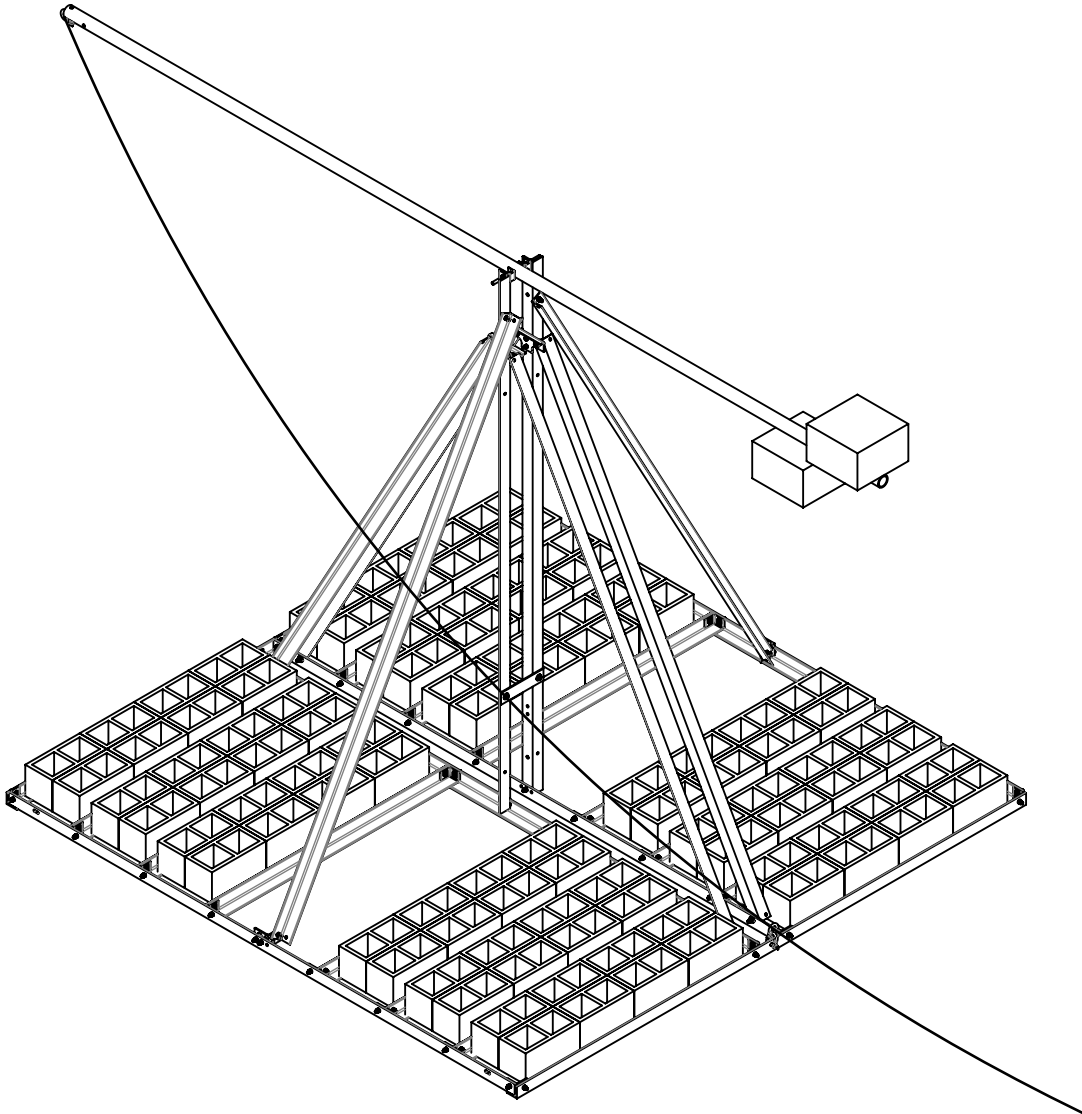
TITLE				
SWIVEL MAST,NPRM, 2.875" X 240"				
SIZE	SCALE	DOCUMENT NO.		
C	1:48	760263897-20		
 		DRAWING		
		VERSION	STATUS	REVISION
		01	RE	B
SHEET				4 OF 5

TO INSTALL OR REMOVE THE ANTENNA, THE MAST POLE IS INITIALLY POSITIONED IN A LOWERED STATE, ALLOWING CONVENIENT ACCESS FOR ANTENNA INSTALLATION AT GROUND LEVEL. A ROPE IS ATTACHED THROUGH THE LOWER THROUGH-HOLE OF THE MAST POLE AND ROUTED THROUGH THE BASE FRAME WITH PULLEY GUIDANCE TO ENABLE CONTROLLED LIFTING. THE MAST POLE IS THEN RAISED BY PULLING THE ROPE, ROTATING ABOUT THE UPPER GUIDED PIVOT IN A CONTROLLED MANNER. ONCE THE MAST REACHES THE VERTICAL POSITION, THE FASTENING RODS AND MAST STABILIZING CLAMP BRACKET ARE INSTALLED TO SECURE THE MAST IN PLACE. THIS PROCESS ENABLES SAFE, EFFICIENT, AND CONTROLLED INSTALLATION OF ANTENNAS ON LONG MAST POLES WHILE MINIMIZING MANUAL EFFORT AND IMPROVING OPERATIONAL SAFETY.

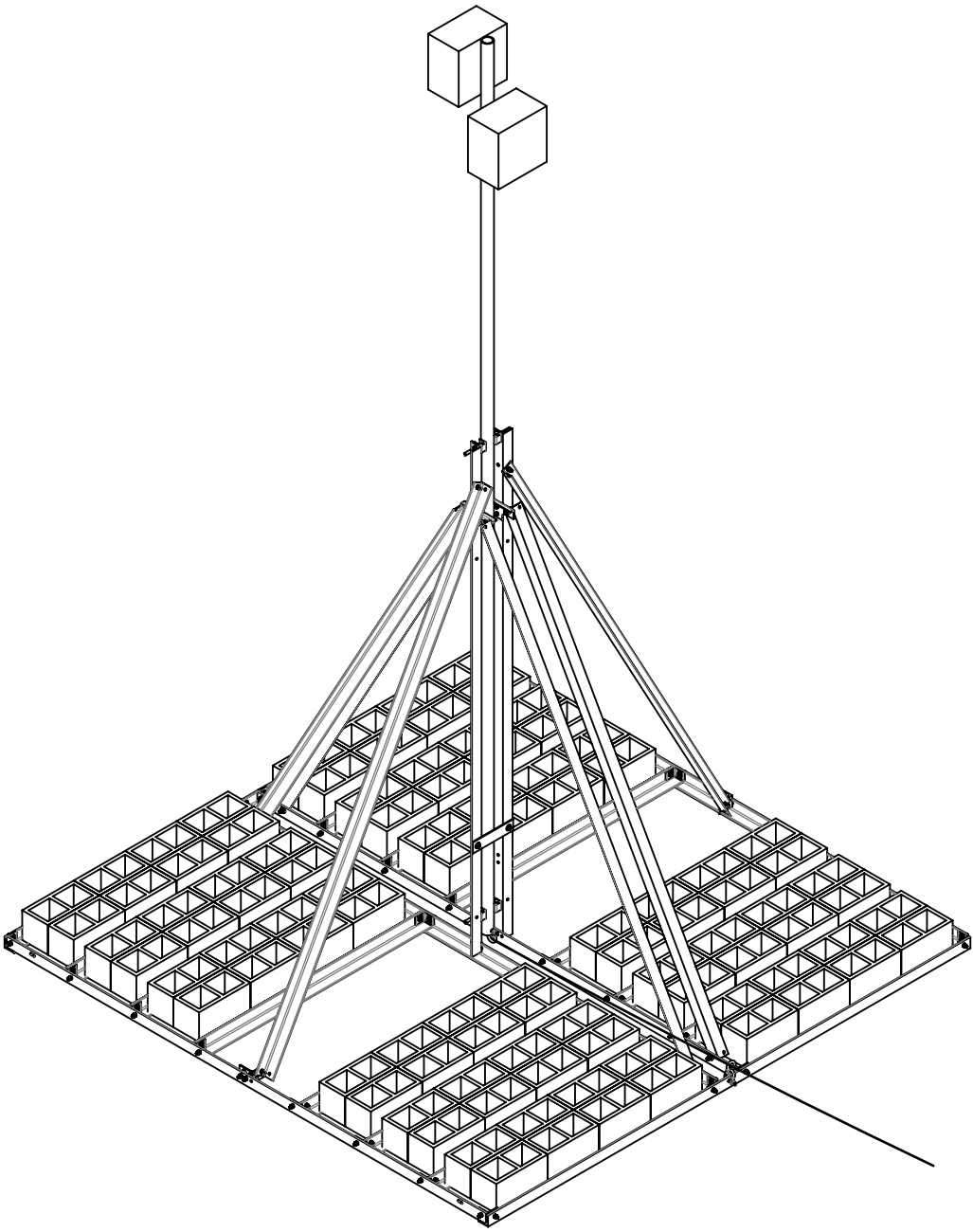
ANTENNA INSTALLATION AND MAST RAISING PROCESS



ANTENNA INSTALLATION AT LOWERED POSITION



CONTROLLED LIFTING VIA ROPE AND GUIDED PIVOT



FINAL LOCKED VERTICAL POSITION

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TITLE
SWIVEL MAST,NPRM, 2.875" X 240"

SIZE C	SCALE 1:48	DOCUMENT NO. 760263897-20
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DRAWING			SHEET 5 OF 5
VERSION 01	STATUS RE	REVISION B	

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