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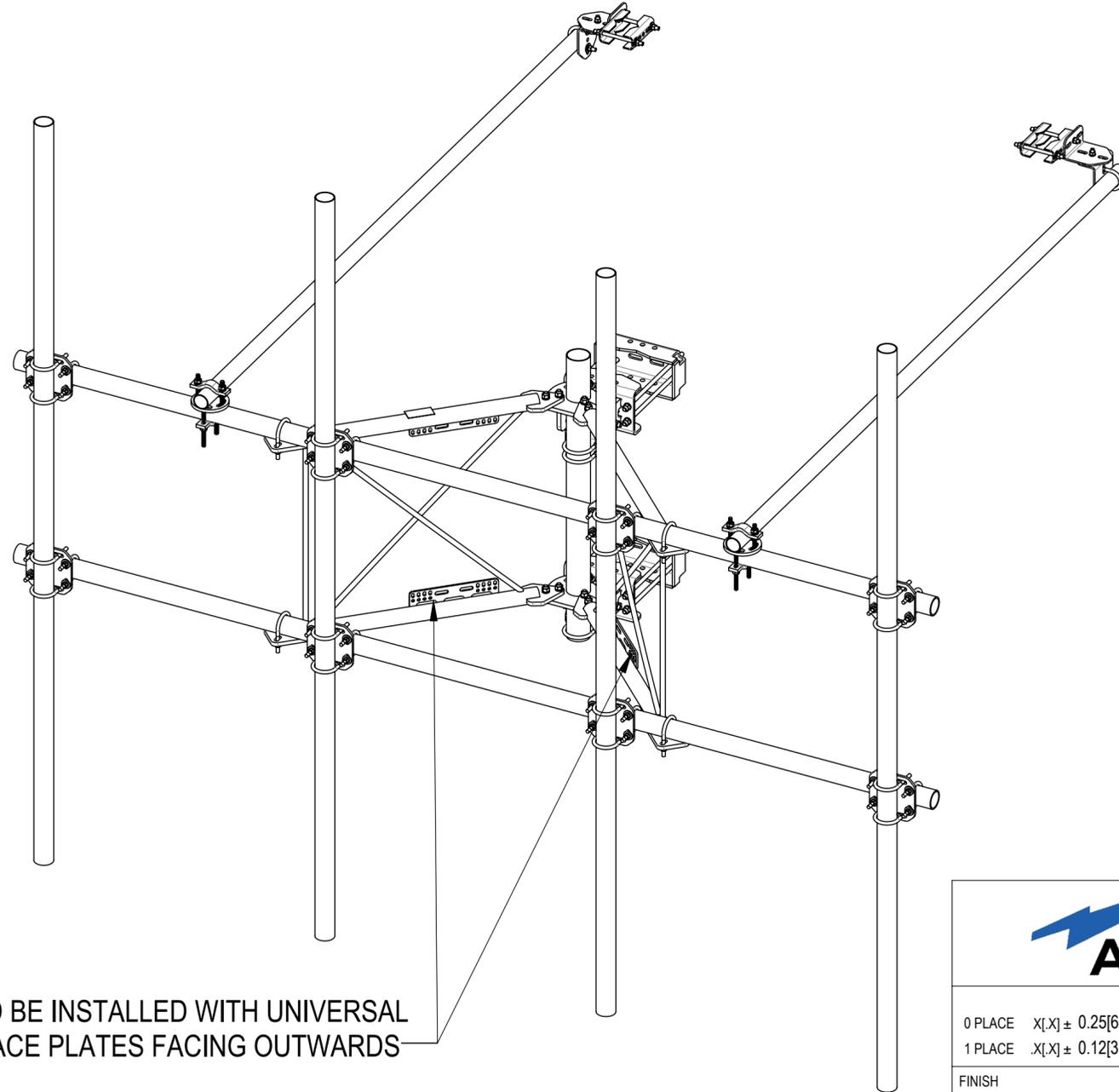
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- 1.0 GENERAL NOTES
 - 1.1 ALL METRIC DIMENSIONS ARE IN BRACKETS [X.XX]
 - 1.2 FOR PATENT INFO: <https://www.adwpat.com>
- 2.0 DESIGN NOTES
 - 2.1 ANY HAZARDS OR OBSTRUCTIONS TO THE CLIMBING FACILITY AND SAFETY CLIMB MUST BE IDENTIFIED PRIOR TO INSTALLING THE APPURTENANCE. ADDITIONAL PRODUCTS MAY BE REQUIRED TO MAINTAIN THE INTEGRITY OF THE SAFETY CLIMB. DURING INSTALLATION, TEMPORARY AND/OR PERMANENT PRECAUTIONARY MEASURES SHOULD BE TAKEN TO PRESERVE THE CLIMBING FACILITY AND/OR SAFETY CLIMB.
 - 2.2 UP TO 5.0° TAPER AVAILABLE ON MODELS THAT SUPPORT ADJUSTMENT.
- 3.0 MANUFACTURING/SPECIAL REQUIREMENTS
 - 3.1 TIGHTEN ALL BOLTS SECURING FLAT PLATES BY THE TURN-OF-NUT METHOD. TIGHTEN ALL U-BOLTS USING TURN-OF-NUT METHOD WITH ATTENTION TO LEAVE EQUAL DISTANCE AND EQUAL FORCE ON EACH LEG OF THE U-BOLT.
- 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
G	BOM STANDARDIZATION	YMENG 17MAR22	BCROSS 40144565CMO
H	SHEET 1: RE-NUMBERED NOTES; REMOVED ORIGINAL NOTE 1.2 & 3.1; DELETED PACKAGING DIAGRAM.	YX1027 13JUL22	BA1025 40154579CMO
J	REMOVED SFG2250, UPDATED NOTES	YMENG 18APR23	BA1025 40146772CMO
K	ADDED ITEM 27 SFG2255	JL1183 05DEC23	YW1045 40184491CMO
L	SADDLE MOUNT CHANGED TO G23	RY1002 14JUN24	BA1025 40197994CMO
M	SFG2292-00 (ITEM 2) WAS SFG2278; ADDED SHEET 5 V-ARM VIEW	JL1183 25NOV24	YZ1080 40209215CMO



SHOULD BE INSTALLED WITH UNIVERSAL
INTERFACE PLATES FACING OUTWARDS



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TOLERANCES		SAP MATERIAL MASTER	
0 PLACE	X[X] ± 0.25[6.3]	2 PLACE	.XX[X] ± 0.06[1.5]
1 PLACE	.X[X] ± 0.12[3.0]	ANGLES	± 2°
FINISH		MATERIAL	
		SFG22HDX-12-4-126	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES INTERPRET PER ANSI Y 14.5M-1994	NAME	DATE	TITLE
	CE YMENG	03/17/2022	SECTOR FRAME 12' FACE, (4) 126" ANT
	RW YX1027	06/09/2025	
	AD YMENG	06/09/2025	
	RE YMENG	06/09/2025	
ECN 40209215CMO			
SCALE	DOCUMENT NO.		
1:16	SFG22HDX-12-4-126		
SIZE	Auth Group	INSL	MODEL
C			
VERSION	STATUS	REVISION	DRAWING
04	RE	L	05
	STATUS	REVISION	
	RE	M	
			SHEET
			1 OF 6

DENSITY		lbs/in³
MASS	711.20	lbs
VOLUME	2511.57	in³
SURFACE AREA	27807.56	in²
HEIGHT	126"	
LENGTH	150"	
WIDTH	120"	

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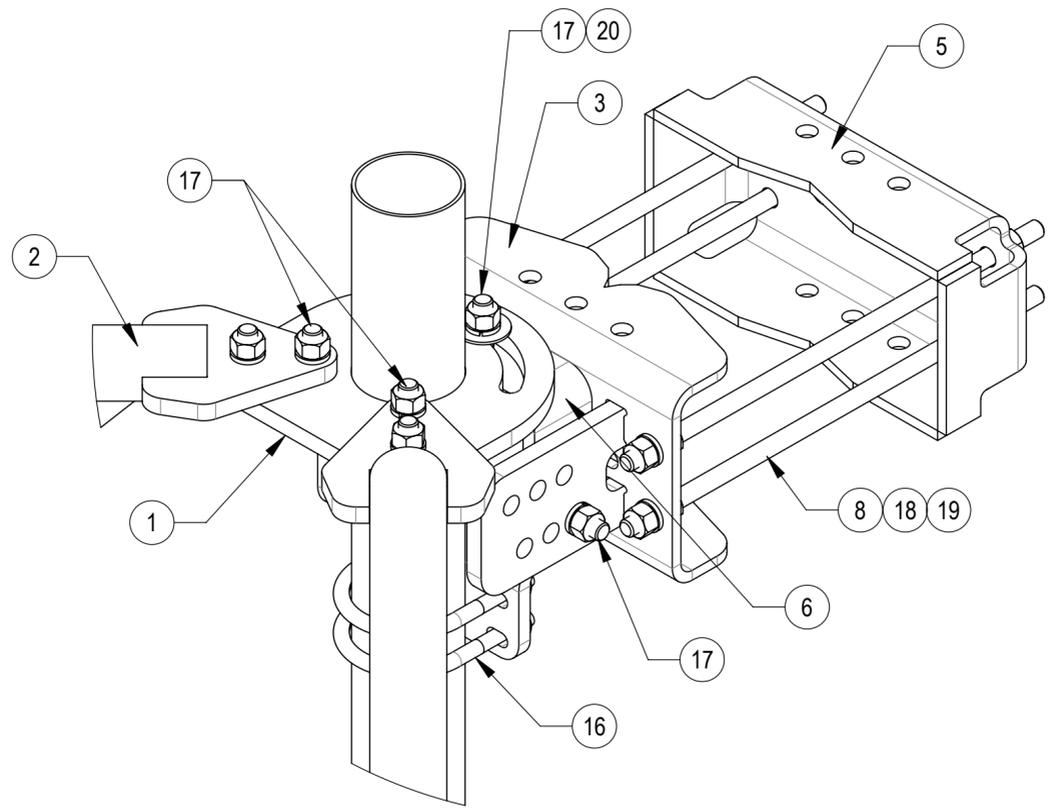
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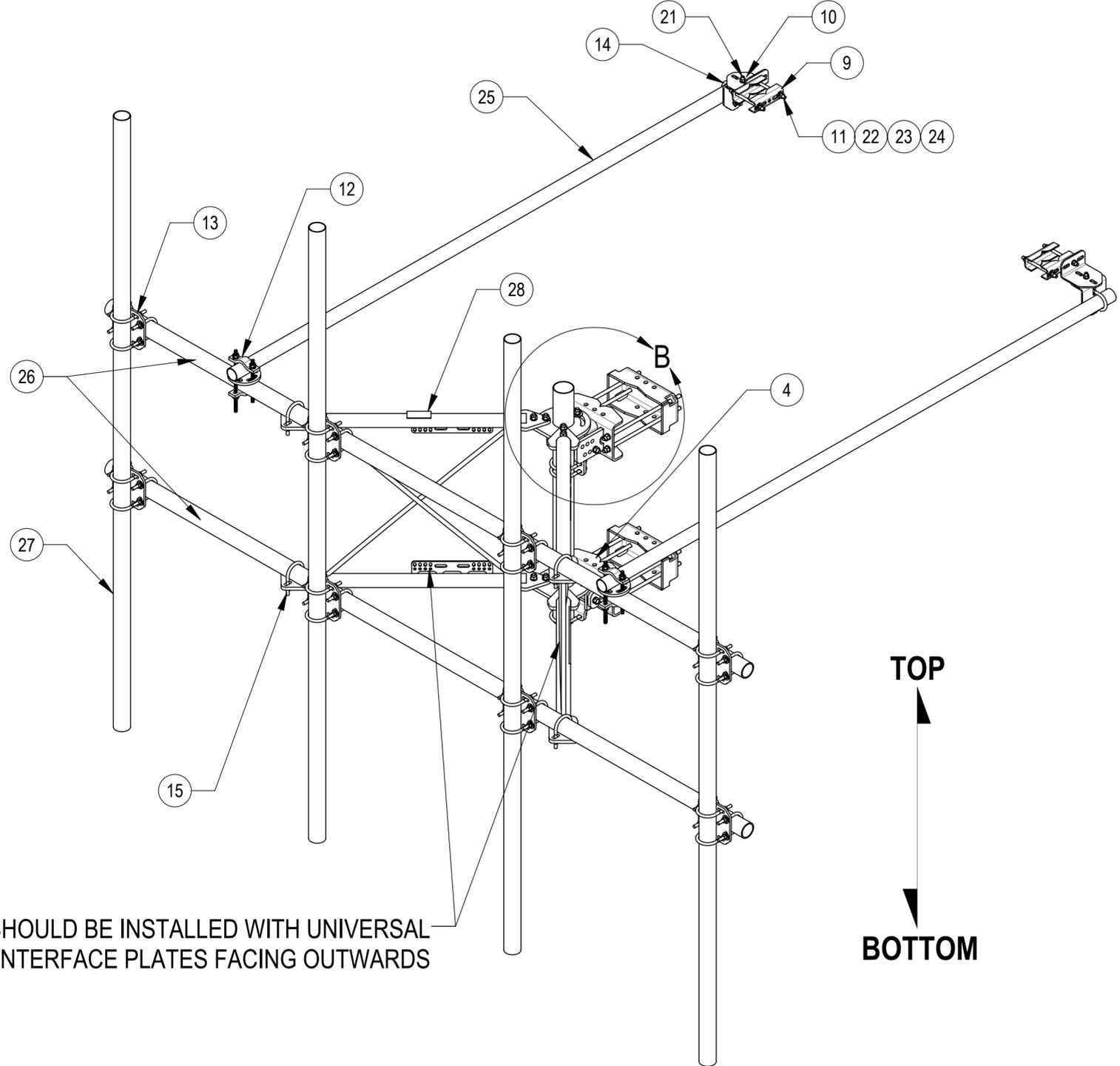
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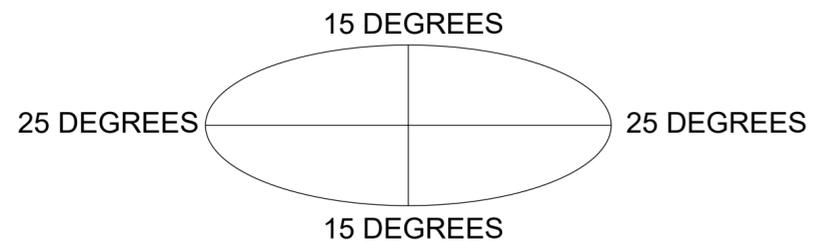


DETAIL B
SCALE 1 : 4



SHOULD BE INSTALLED WITH UNIVERSAL
INTERFACE PLATES FACING OUTWARDS

ALLOWABLE TIEBACK ANGLE
± 15 DEGREES VERTICAL
± 25 DEGREES HORIZONTAL



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

ITEM	PART NO.	DESCRIPTION	QTY.	WEIGHT	NOTE NO.
1	SFG2270	BACK VERTICAL ARM MOUNT	1	36.96 LBS	
2	SFG2292-00	WELDMNT, V-ARM, SECTOR FRAME 22	2	49.69 LBS	
3	SFG2380	WELDMNT, HD, TOP TAPER BRACKET	1	22.78 LBS	
4	SFG2381	WELDMNT, HD, LOWER TOWER LEG BRACKET	1	17.42 LBS	
5	SFG2289	G2 RRU BACK CLAMP, HD	2	18.65 LBS	
6	SFG2386	WELDMNT, SFG2 AZIMUTH BRACKET	1	10.07 LBS	
7	SFG2397-00	WELDMNT, G23 AZIMUTH BRACKET	1	7.94 LBS	
8	MT-382-18	5/8" X 18" THREADED ROD	8	1.43 LBS	
9	SAB01	FORMED CLAMP	4	1.35 LBS	
10	XAU01	ANGLE, CROSSOVER, 1.9-3.5" X 1.9-3.5" OD	4	2.98 LBS	
11	MT-379-8	1/2" X 8" GALV THREADED ROD	4	0.45 LBS	
12	XP-R	CROSSOVER PLATE, ROUND, UP TO 3.5" OD	2	6.20 LBS	
13	XP-2525	CROSSOVER PLATE KIT, 2-7/8 OD X 2-7/8 OD	8	8.37 LBS	
14	GUB-4240	1/2" X 2-1/2" X 4" GALV U-BOLT	2	0.56 LBS	
15	GUB-4352	1/2" X 3" X 5-1/4" GALV U-BOLT	4	0.71 LBS	
16	GUB-4355	1/2" X 3-5/8" X 5" GALV U-BOLT	3	0.71 LBS	
17	GB-05225	5/8" X 2-1/4" GALV BOLT KIT	14	0.28 LBS	
18	GN-05	5/8" GALV HEX NUT	24	0.08 LBS	
19	GWL-05	5/8" GALV LOCK WASHER	16	0.03 LBS	
20	GWF-05	5/8" GALV FLAT WASHER, 1.7OD	2	0.06 LBS	
21	GB-04145	1/2" X 1-1/2" GALV BOLT KIT	2	0.13 LBS	
22	GN-04	1/2" GALV HEX NUT	10	0.04 LBS	
23	GWL-04	1/2" GALV LOCK WASHER	10	0.01 LBS	
24	GWF-04	1/2" GALV FLAT WASHER	8	0.04 LBS	
25	MT-651-120	PIPE, 2.375"OD X 120"	2	29.07 LBS	
26	MT-546-150	PIPE, 2.875"OD X 150"	2	72.67 LBS	
27	MT546126120	PIPE, 2.875"OD X 126"	4	37.21 LBS	
28	SFG2255	LABEL, SFG21HDX	1	0.04 LBS	

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TITLE
SECTOR FRAME 12' FACE, (4) 126" ANT

SIZE C	SCALE 1:16	DOCUMENT NO. SFG22HDX-12-4-126
DRAWING		SHEET
VERSION 05	STATUS RE	REVISION M
		2 OF 6

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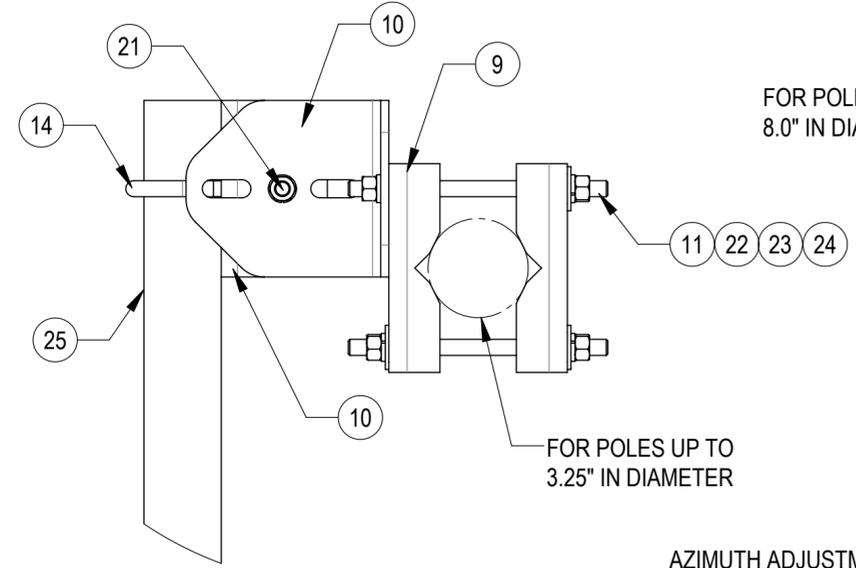
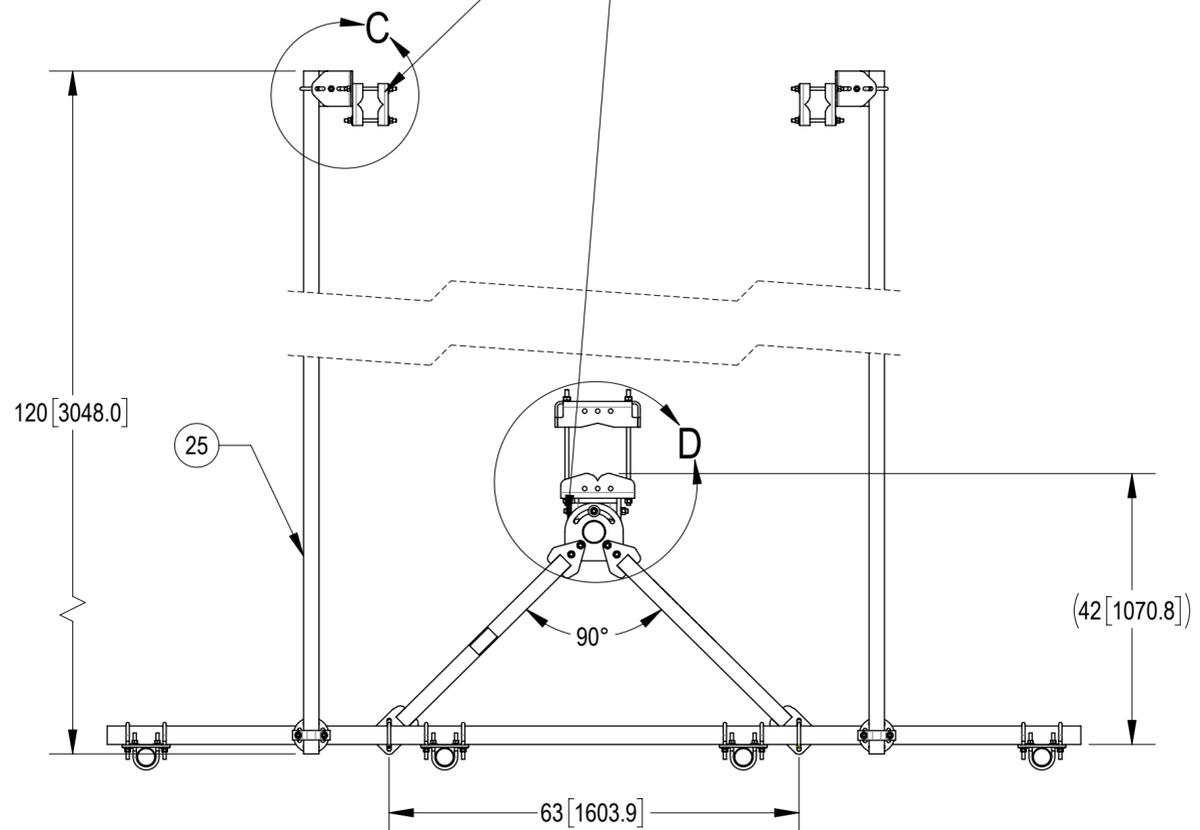
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TIEBACK MUST BE CONNECTED TO A RIGID MEMBER THAT PROVIDES ADEQUATE SUPPORT WITHIN THE LIMITS NOTED IN THE TIEBACK ANGLE RANGE DETAIL. UNLESS APPROVED BY ENGINEER OF RECORD. SPINE STEM OF NEIGHBORING MOUNT IS ACCEPTABLE.

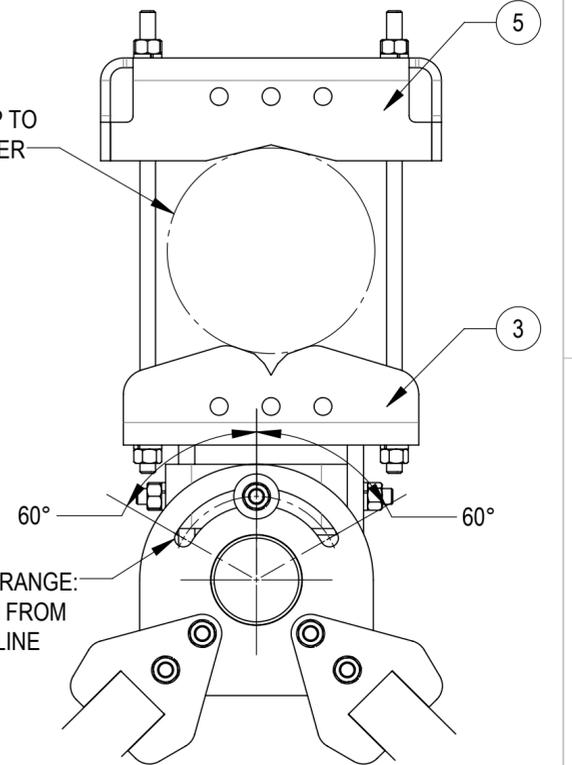


DETAIL C
SCALE 1 : 4

FOR POLES UP TO 8.0" IN DIAMETER

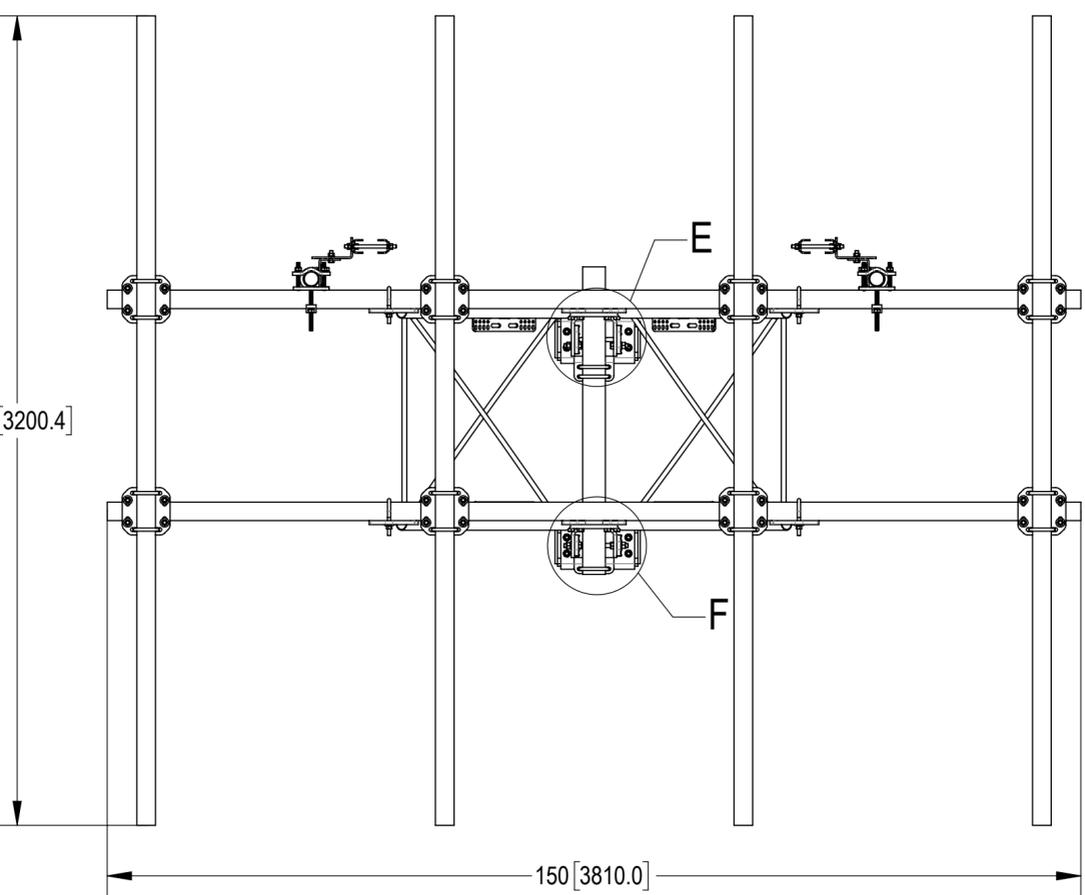
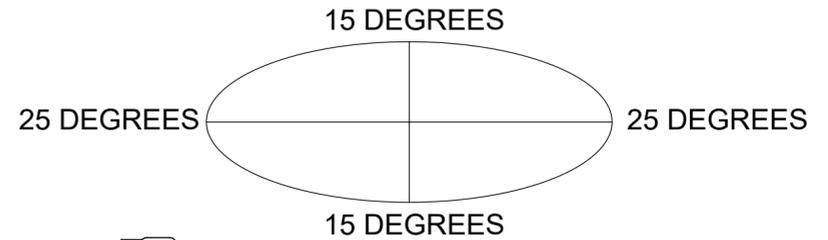
FOR POLES UP TO 3.25" IN DIAMETER

AZIMUTH ADJUSTMENT RANGE:
60° IN EACH DIRECTION FROM THE NOMINAL CENTER LINE

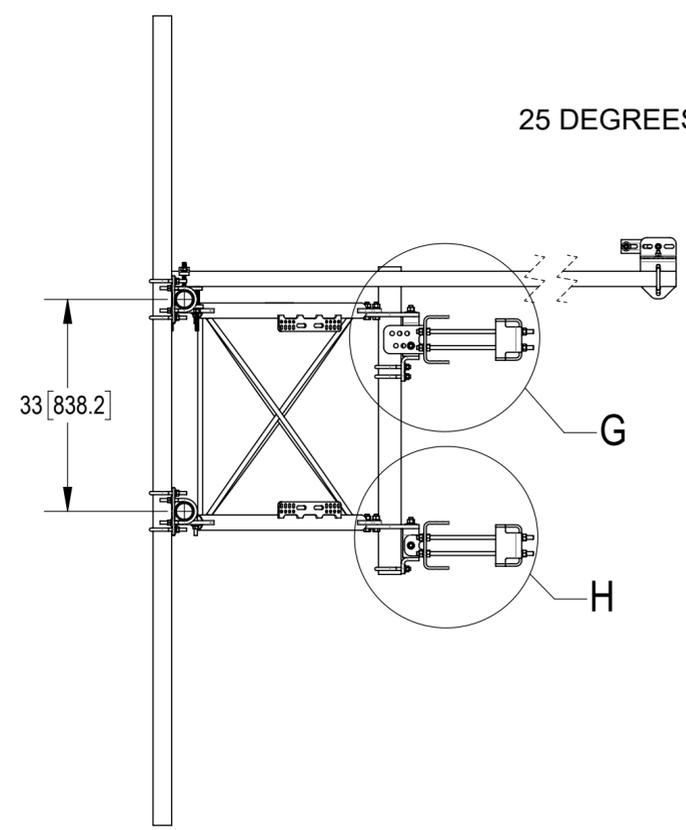


DETAIL D
SCALE 1 : 5

ALLOWABLE TIEBACK ANGLE
+15 DEGREES VERTICAL
±25 DEGREES HORIZONTAL



TOP
BOTTOM



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TITLE				
SECTOR FRAME 12' FACE, (4) 126" ANT				
SIZE	SCALE	DOCUMENT NO.		
C	1:20	SFG22HDX-12-4-126		
		DRAWING		
		VERSION	STATUS	REVISION
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				3 OF 6

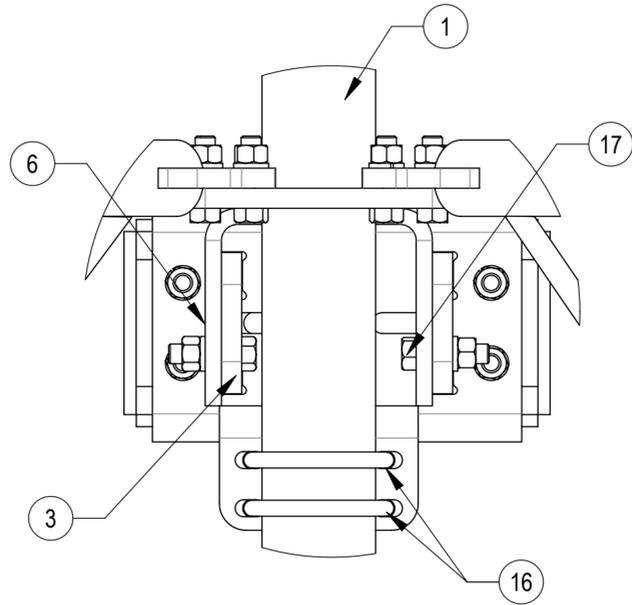
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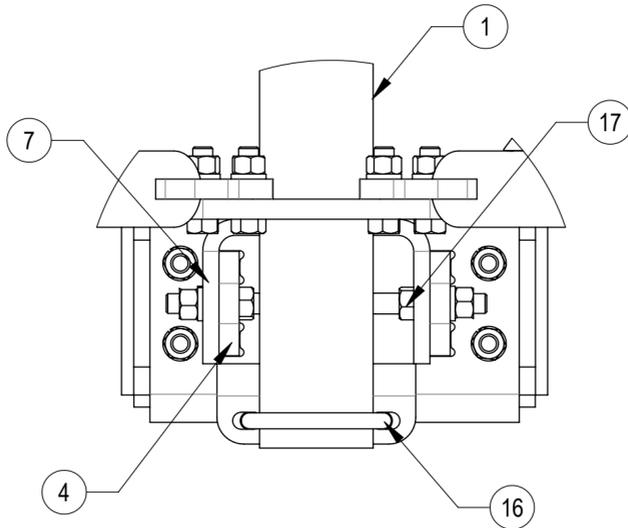
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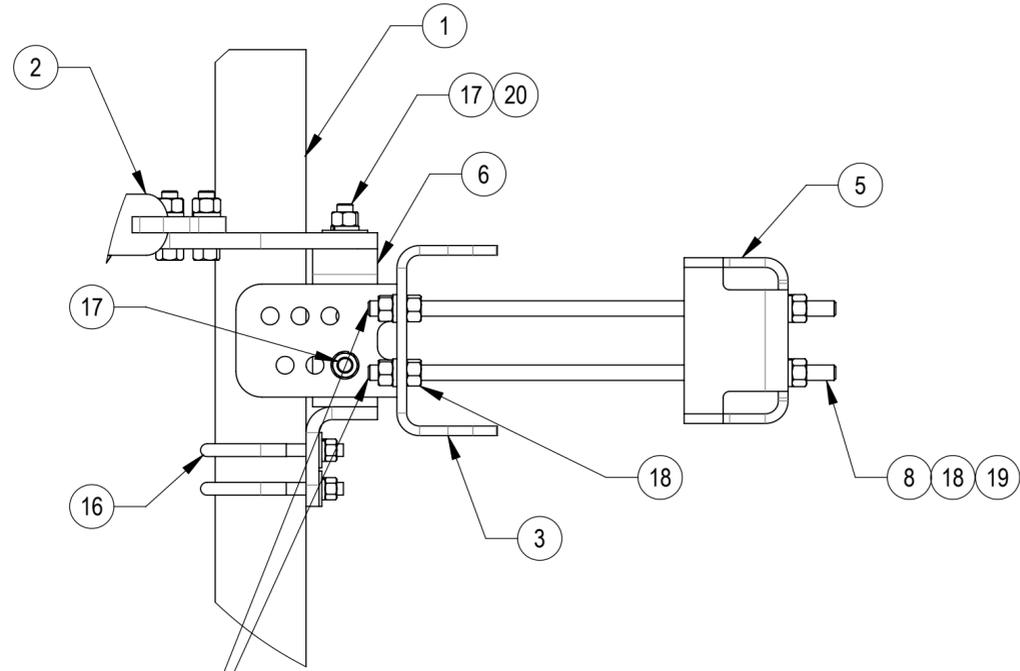
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DETAIL E
SCALE 1 : 4

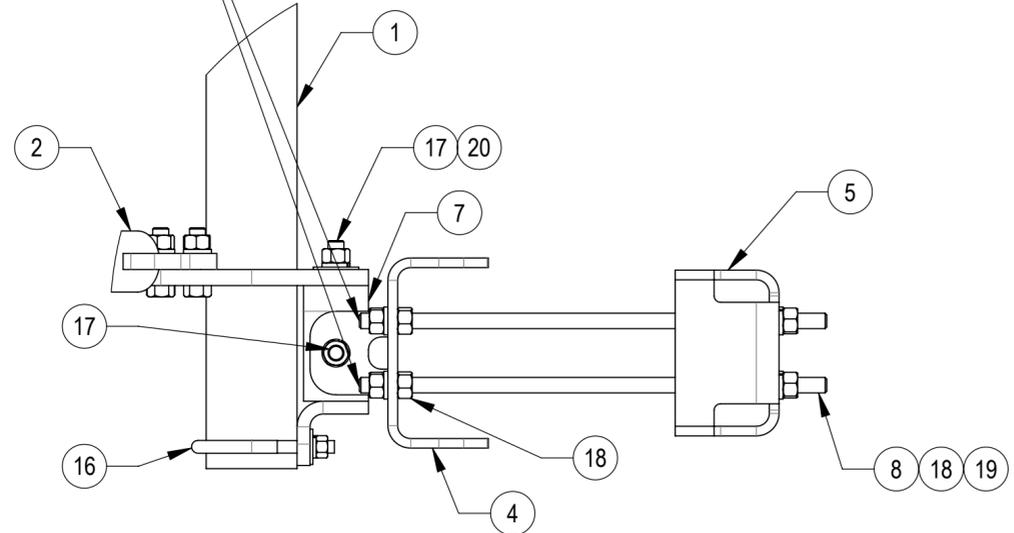


DETAIL F
SCALE 1 : 4



DETAIL G
SCALE 1 : 5

THE THREADED ROD CAN ONLY EXPOSE 4 TO 7 THREADS ON ONE SIDE OF THE BRACKET, WHICH IS TO PREVENT INTERFERENCE WITH THE SIDE BOLTS



DETAIL H
SCALE 1 : 5

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TITLE
SECTOR FRAME 12' FACE, (4) 126" ANT

SIZE C	SCALE 1:20	DOCUMENT NO. SFG22HDX-12-4-126
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	VERSION 05	STATUS RE	REVISION M	

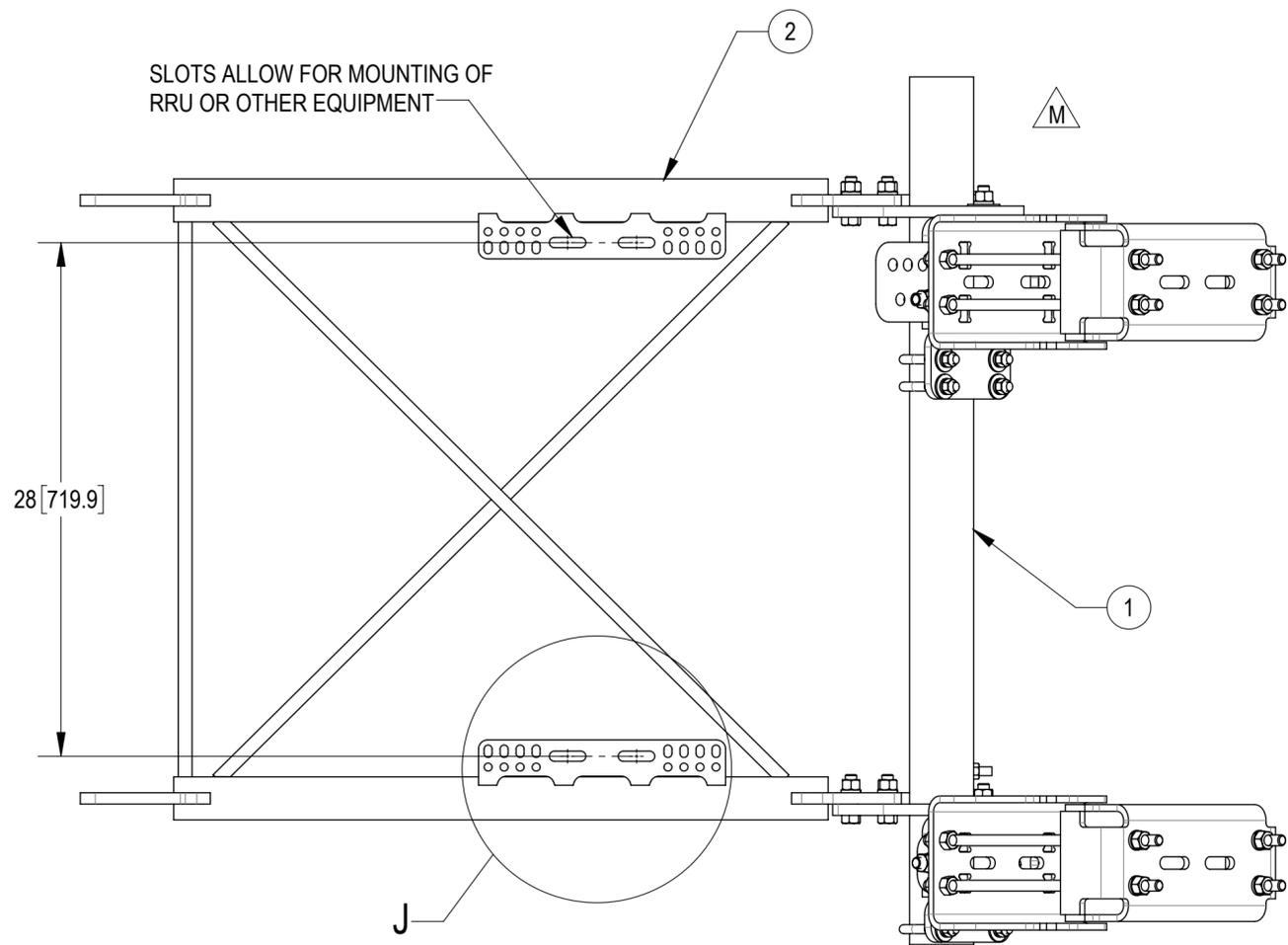
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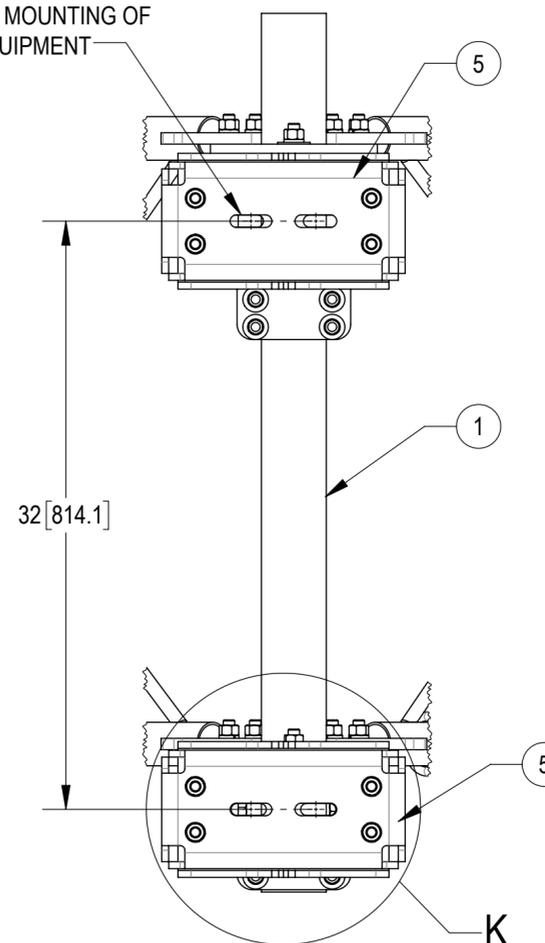
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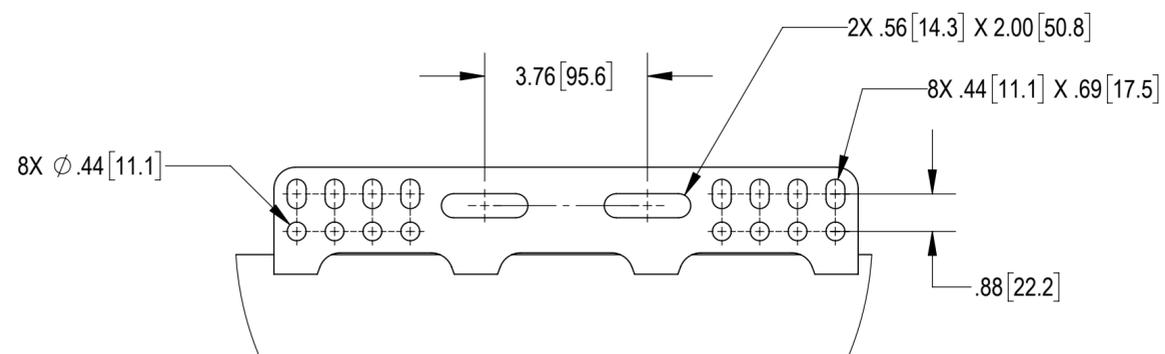


SIDE VIEW

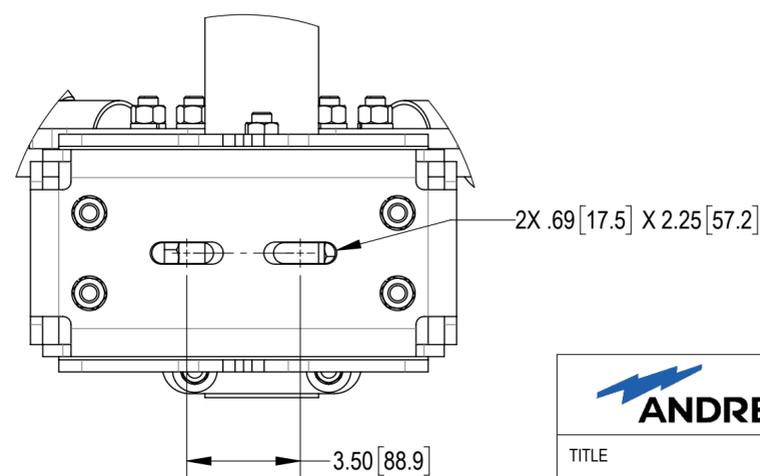
SLOTS ALLOW FOR MOUNTING OF RRU OR OTHER EQUIPMENT



BACK CROP VIEW



DETAIL J
SCALE 1 : 3



DETAIL K
SCALE 1 : 4

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TITLE
SECTOR FRAME 12' FACE, (4) 126" ANT

SIZE C	SCALE 1:6	DOCUMENT NO. SFG22HDX-12-4-126
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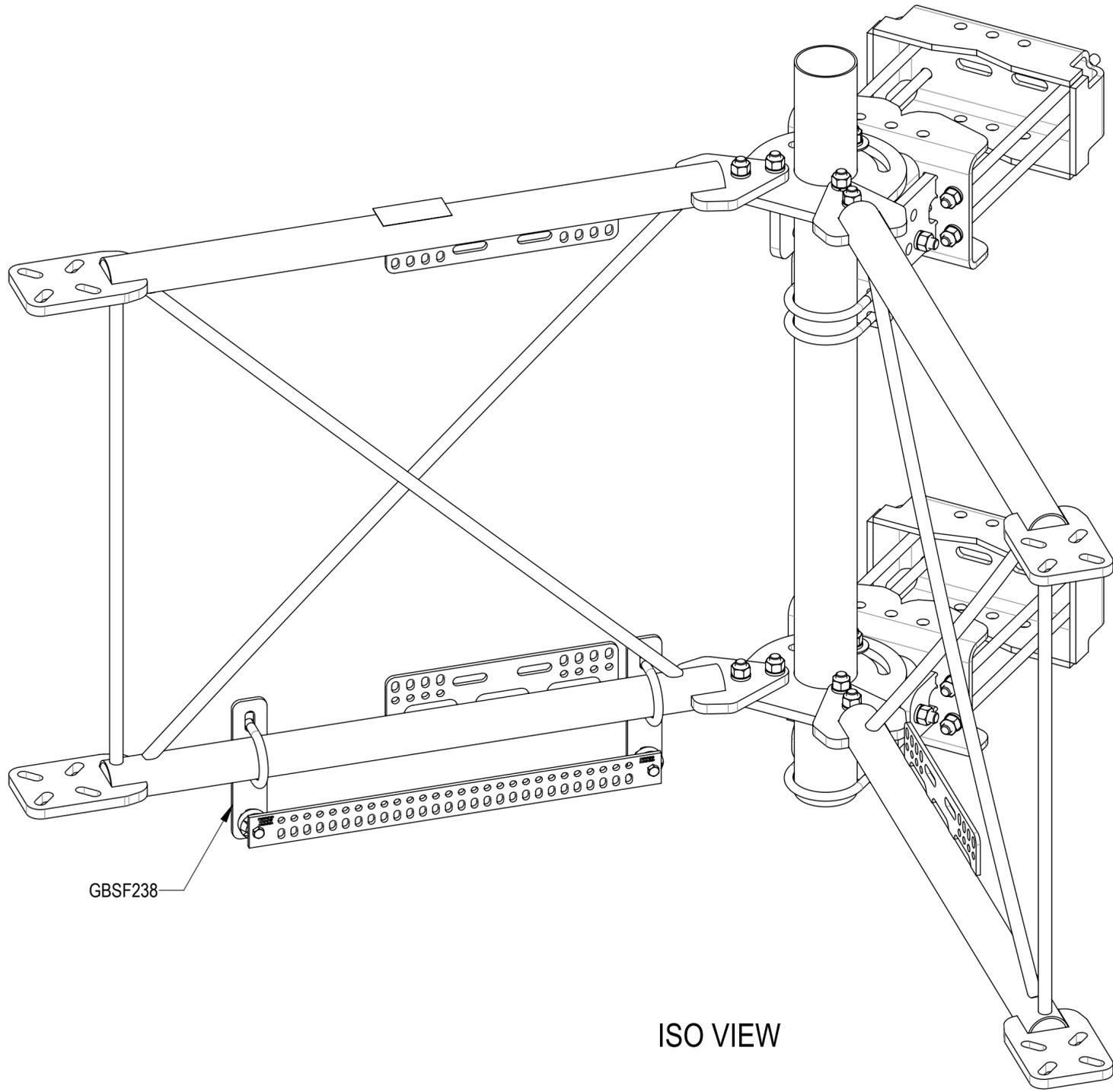
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OPTIONAL ACCESSORIES:

BUS BAR MOUNT KIT GBSF238 IS WELL SUITED TO BE USED SHOULD THE NEED ARISE
NOTE THAT THIS KIT DOES NOT INCLUDE THE ISOLATORS OR BUS BAR



GBSF238

ISO VIEW



TITLE
SECTOR FRAME 12' FACE, (4) 126" ANT

SIZE C	SCALE 1:6	DOCUMENT NO. SFG22HDX-12-4-126
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	DRAWING			SHEET 6 OF 6
	VERSION 05	STATUS RE	REVISION M	

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