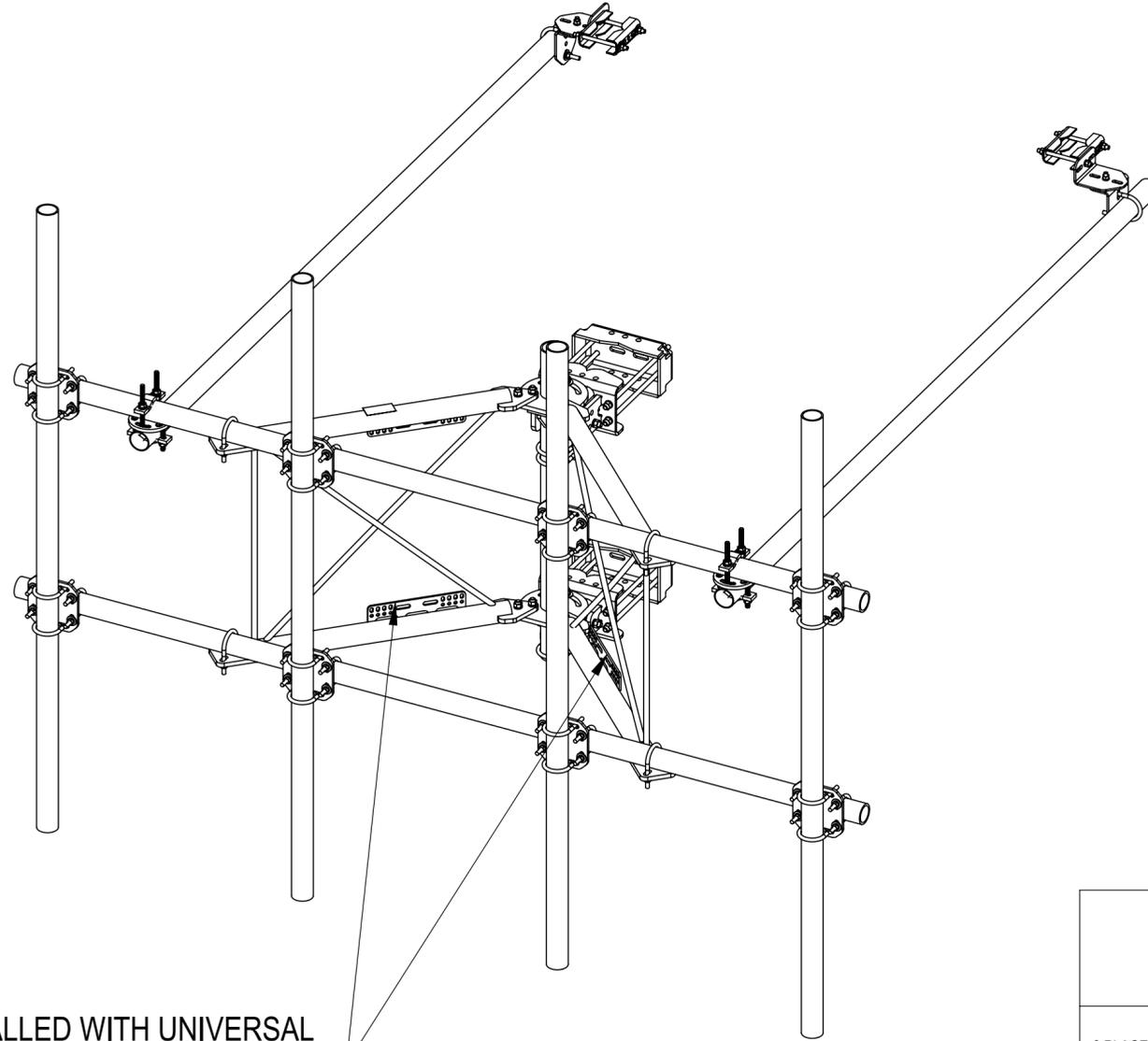


- 1.0 GENERAL NOTES
 1.1 ALL METRIC DIMENSIONS ARE IN BRACKETS [X.XX]
 1.2 FOR PATENT INFO: <https://www.adwpat.com>
 2.0 DESIGN NOTES
 2.1 ANY HAZARDS OR OBSTRUCTIONS TO THE CLIMBING FACILITY AND SAFETY CLIMB MUST BE IDENTIFIED PRIOR TO INSTALLING THE APPURTENANCE. ADDITIONAL PRODUCTS MAY BE REQUIRED 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
C	UPDATE FORMATE & REDESIGNED CONFIGURATION	JL1183 08MAY21	BCROSS 11086
D	SFG23HDX SERIES BOM STANDARDIZATION	JL1183 18MAY22	BA1025 40148337CMO
E	UPDATED NOTES; ADDED SPINE LENGTH; REPLACED SM-U2080HDG22 WITH SM-U2080HDG23; REMOVED LABEL SFG2350	YX1027 29DEC22	BA1025 40162116CMO
F	ADDED LABEL SFG2350; ADDED SFG2397-00; ITEM 6: SFG2386 QTY 1 WAS 2 EA; ITEM 10: GUB-4355 QTY 3 WAS 4 EA	JL1183 26SEP23	YW1045 40179940CMO
G	UPDATED VIEWS FOR SFG23175 (ITEM 1) CHANGES. SHEET5: ADDED DETAIL VIEW	JL1183 04JUL24	XK1001 40199603CMO



SHOULD BE INSTALLED WITH UNIVERSAL
 INTERFACE PLATES FACING OUTWARDS



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TOLERANCES		SAP MATERIAL MASTER	
0 PLACE	X[.X] ± 0.2[6.3]	2 PLACE	.XX[.X] ± 0.06[1.5]
1 PLACE	.X[.X] ± 0.12[3.0]	ANGLES	± 2°
FINISH		MATERIAL	
		SFG23HDX-10-4-96	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES INTERPRET PER ANSI Y 14.5M-1994	NAME	DATE	TITLE
	CE	JL1183	05/18/2022
	RW	YX1027	06/10/2025
	AD	YMENG	06/11/2025
	RE	YMENG	06/11/2025
ECN 40199603CMO			SECTOR FRAME 10' FACE, (4) 96" AP
SIZE	Auth Group	INSL	MODEL
C			
VERSION	STATUS	REVISION	VERSION
02	RE	C	04
DRAWING		DOCUMENT NO.	
VERSION	STATUS	REVISION	SFG23HDX-10-4-96
04	RE	G	
SCALE			SHEET
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DENSITY		lbs/in³
MASS	823.84	lbs
VOLUME	2906.10	in³
SURFACE AREA	25762.82	in²
HEIGHT	96[2438.4]	
LENGTH	126[3200.4]	
WIDTH	120[3048.0]	

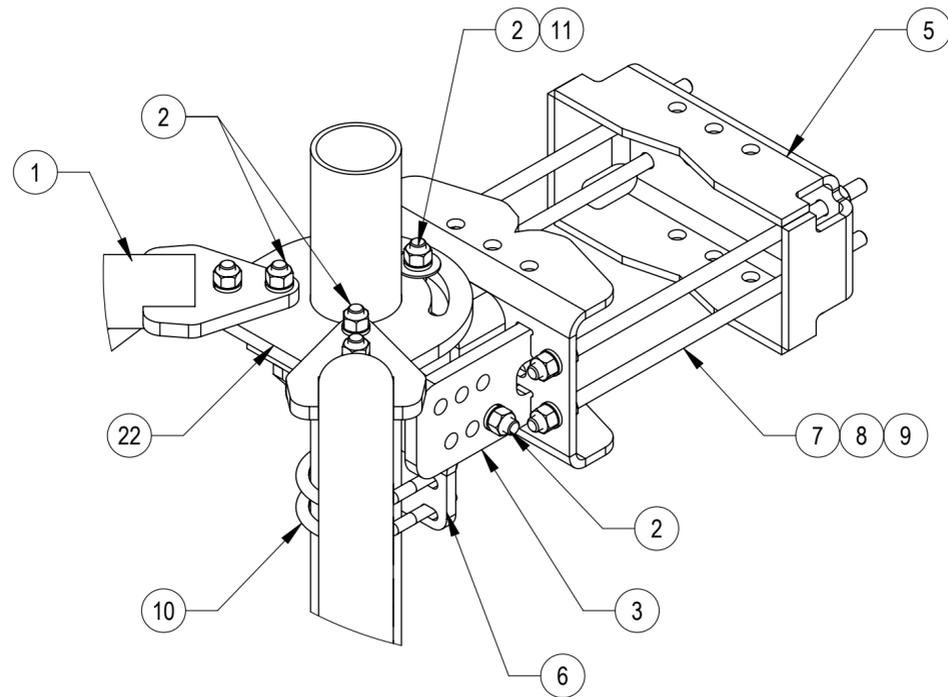
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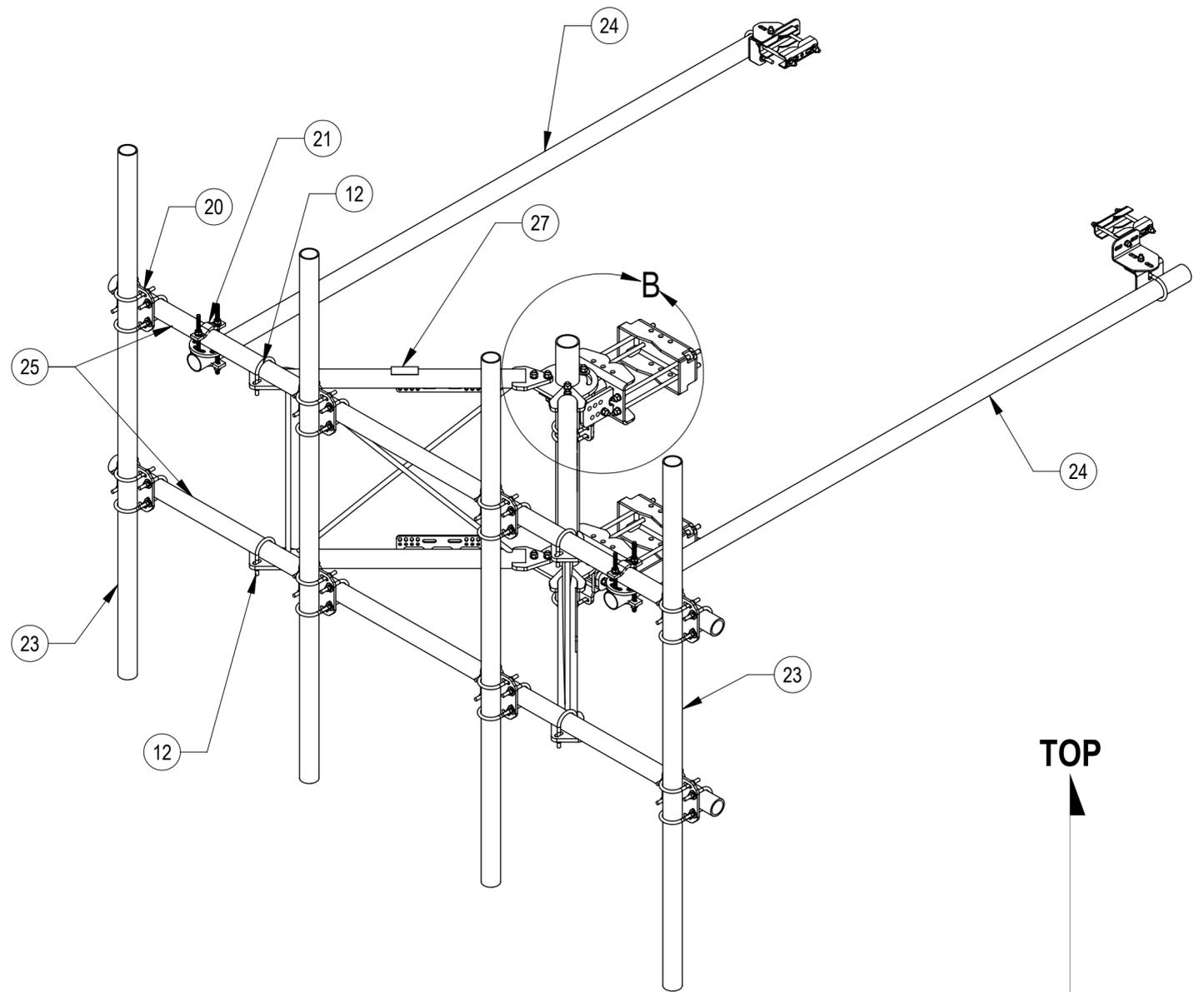
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DETAIL B
SCALE 1 : 5



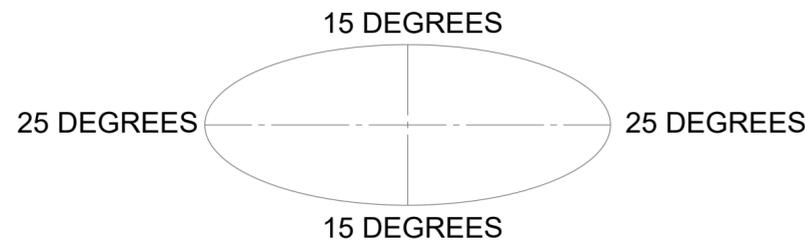
TOP
↑
↓
BOTTOM

**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	SFG23175	ARM STANDOFF SFG23	2	63.28 LBS	
2	GB-05225	5/8" X 2-1/4" GALV BOLT KIT	14	0.28 LBS	
3	SFG2380	WELDMENT, HD, TOP TAPER BRACKET	1	22.78 LBS	
4	SFG2381	WELDMENT, HD, LOWER TOWER LEG BRACKET	1	17.42 LBS	
5	SFG2289	G2 RRU BACK CLAMP, HD	2	18.65 LBS	
6	SFG2386	WELDMENT, SFG2 AZIMUTH BRACKET	1	10.07 LBS	
7	MT-382-18	5/8" X 18" THREADED ROD	8	1.43 LBS	
8	GWL-05	5/8" GALV LOCK WASHER	16	0.03 LBS	
9	GN-05	5/8" GALV HEX NUT	24	0.08 LBS	
10	GUB-4355	1/2" X 3-5/8" X 5" GALV U-BOLT	3	0.71 LBS	
11	GWF-05	5/8" GALV FLAT WASHER, 1.7OD	2	0.06 LBS	
12	GUB-4352	1/2" X 3" X 5-1/4" GALV U-BOLT	6	0.71 LBS	
13	SAB01	FORMED CLAMP	4	1.35 LBS	
14	MT-379-8	1/2" X 8" GALV THREADED ROD	4	0.45 LBS	
15	XAU01	ANGLE, CROSSOVER, 1.9-3.5" X 1.9-3.5" OD	4	2.98 LBS	
16	GB-04145	1/2" X 1-1/2" GALV BOLT KIT	2	0.13 LBS	
17	GWF-04	1/2" GALV FLAT WASHER	8	0.04 LBS	
18	GWL-04	1/2" GALV LOCK WASHER	10	0.01 LBS	
19	GN-04	1/2" GALV HEX NUT	10	0.04 LBS	
20	XP-2525	CROSSOVER PLATE KIT, 2-7/8 OD X 2-7/8 OD	8	8.37 LBS	
21	XP-R	CROSSOVER PLATE, ROUND, UP TO 3.5" OD	2	6.20 LBS	
22	SFG2206	WELDMENT, ARM MOUNT	1	51.60 LBS	
23	MT54696	PIPE, 2.875"OD X 96"	4	45.96 LBS	
24	MT546120120	PIPE, 2.875"OD X 120"	2	35.44 LBS	
25	MT546126276	PIPE, 2.875"OD X 126"	2	80.73 LBS	
26	SFG2397-00	WELDMENT, G23 AZIMUTH BRACKET	1	7.94 LBS	
27	SFG2350	LABEL, SFG23HDX	1	0.03 LBS	



ALLOWABLE TIEBACK ANGLE
+15 DEGREES VERTICAL
±25 DEGREES HORIZONTAL



TITLE
SECTOR FRAME 10' FACE, (4) 96" AP

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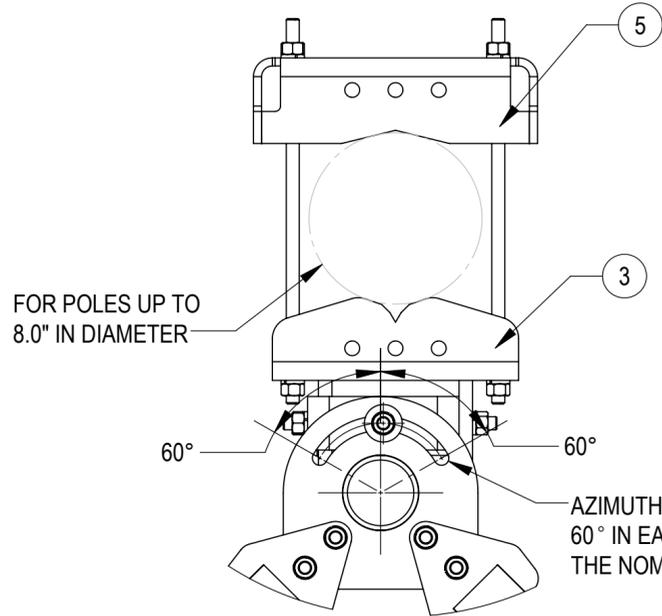
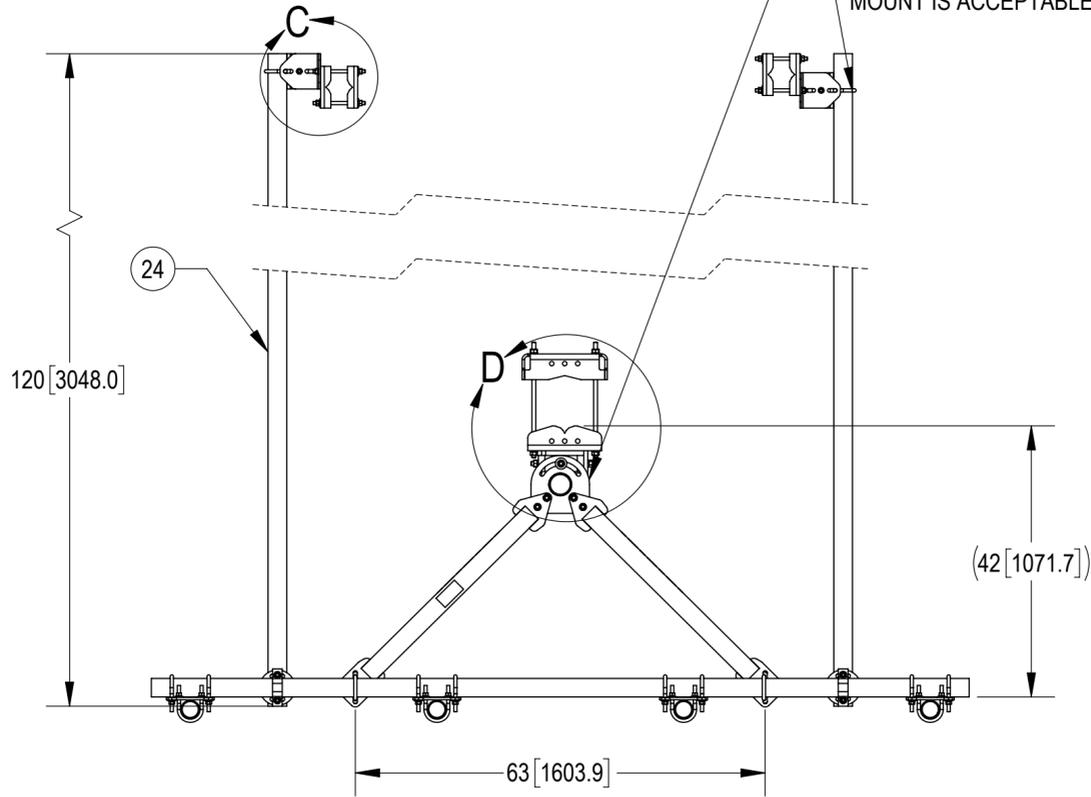
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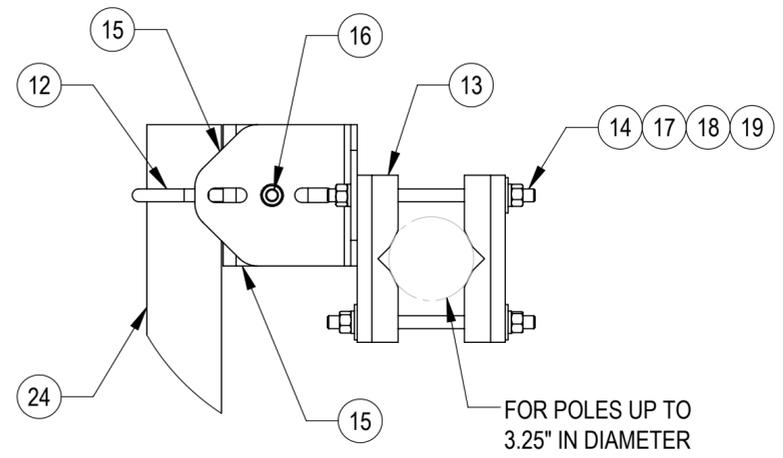
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TIEBACK MUST BE CONNECTED TO A RIGID MEMBER THAT PROVIDES ADEQUATE SUPPORT WITHIN THE LIMITS NOTED IN THE TIEBACK ANGLE RANGE DETAIL. UNLESS APPROVED BY ENGINEER OF RECORD. SPINE STEM OF NEIGHBORING MOUNT IS ACCEPTABLE.

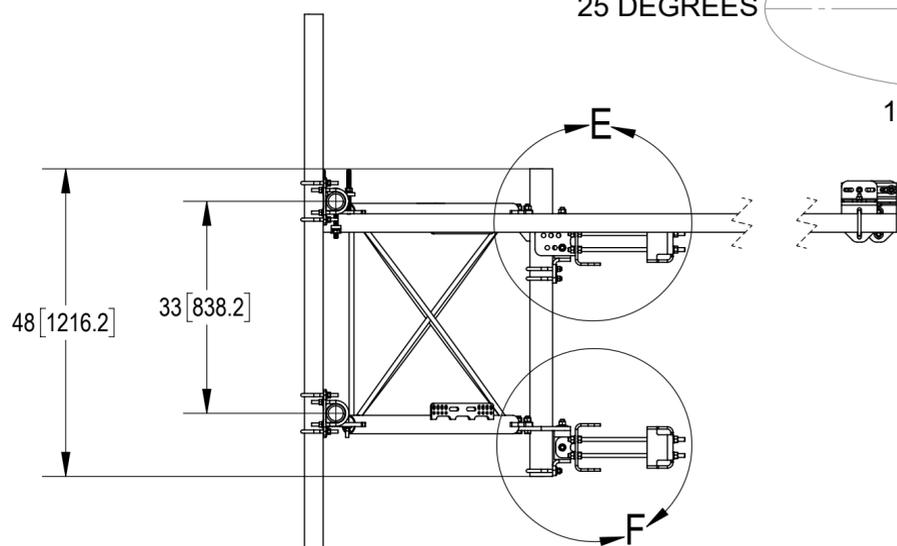
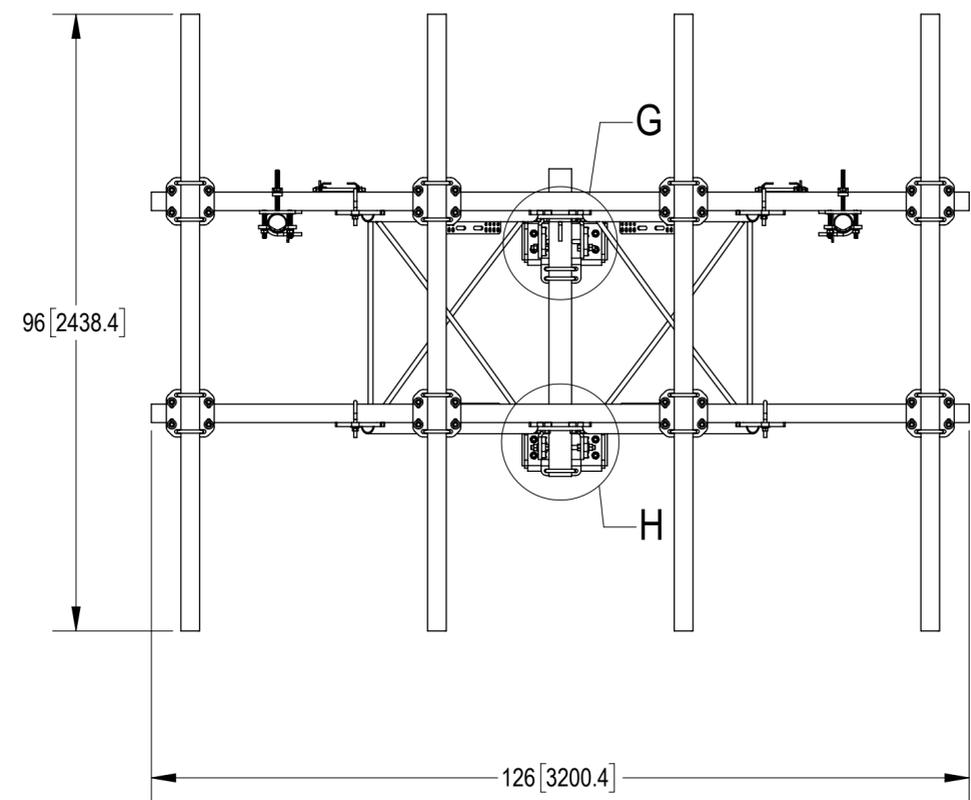
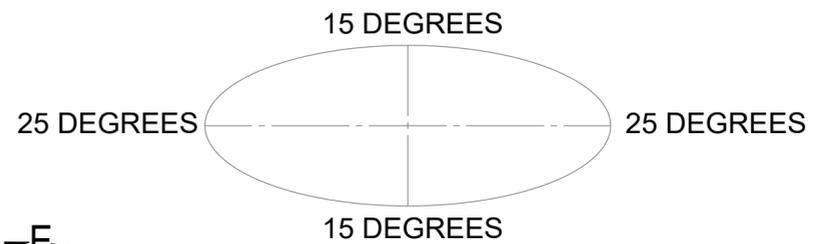


DETAIL D
SCALE 1 : 6



DETAIL C
SCALE 1 : 5

ALLOWABLE TIEBACK ANGLE
±15 DEGREES VERTICAL
±25 DEGREES HORIZONTAL



TOP
BOTTOM



TITLE
SECTOR FRAME 10' FACE, (4) 96" AP

SIZE C	SCALE 1:16	DOCUMENT NO. SFG23HDX-10-4-96
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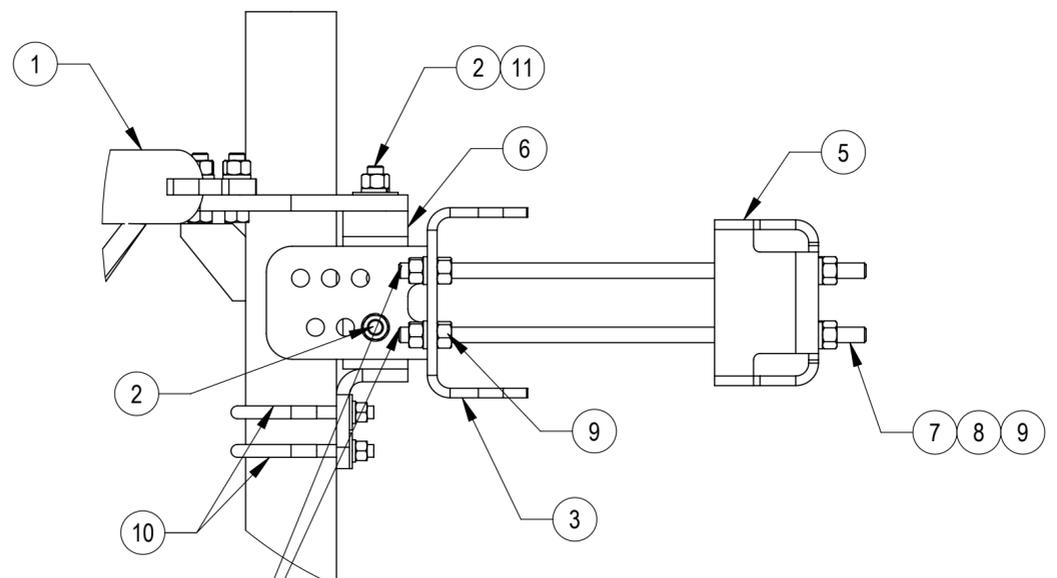
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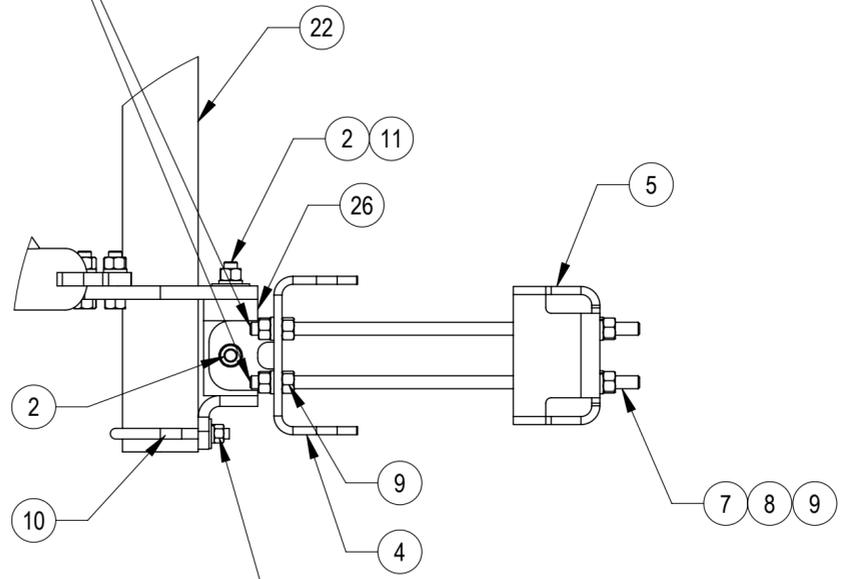
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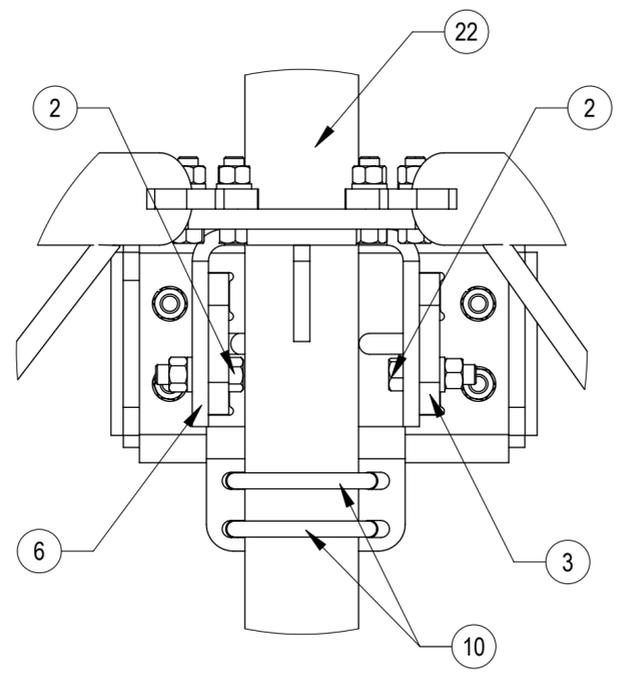
DETAIL E
SCALE 1 : 5

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

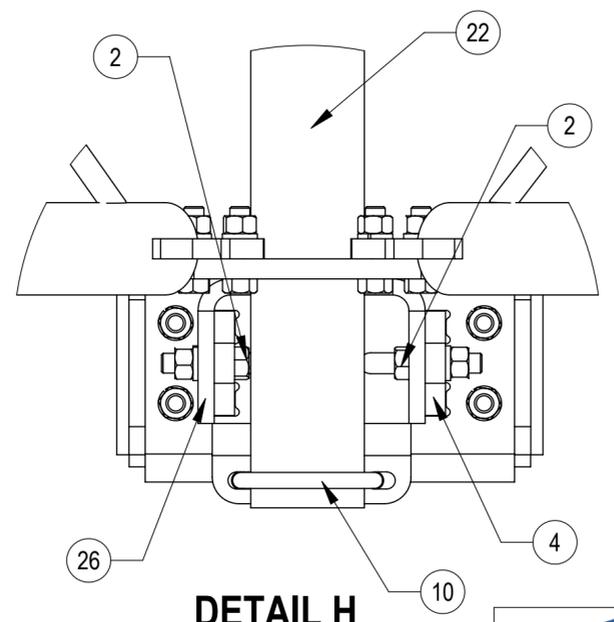


DETAIL F
SCALE 1 : 6

DO NOT OVER TIGHTEN, END OF POLE CAN BE DAMAGED



DETAIL G
SCALE 1 : 4



DETAIL H
SCALE 1 : 4

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TITLE				
SECTOR FRAME 10' FACE, (4) 96" AP				
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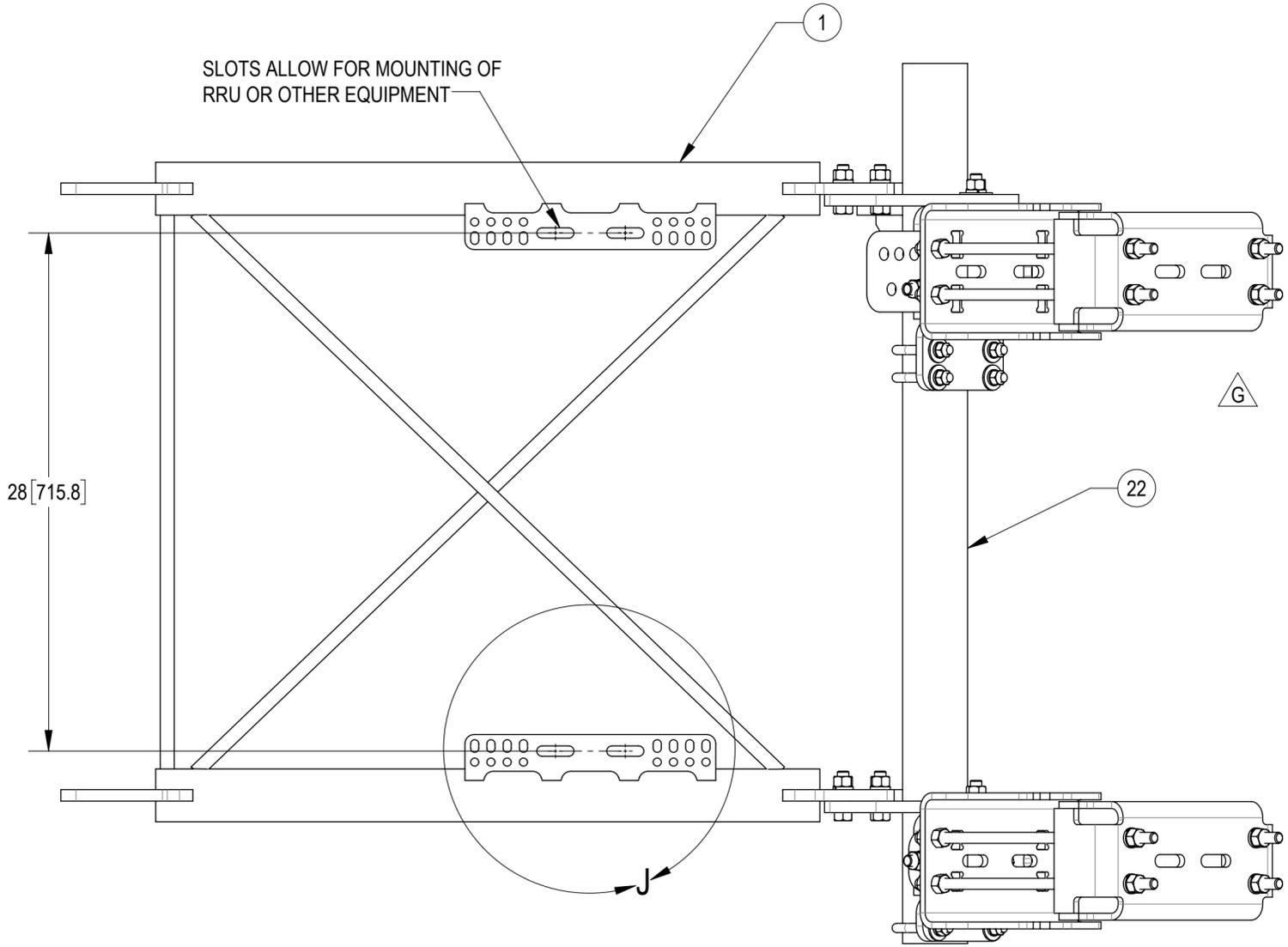
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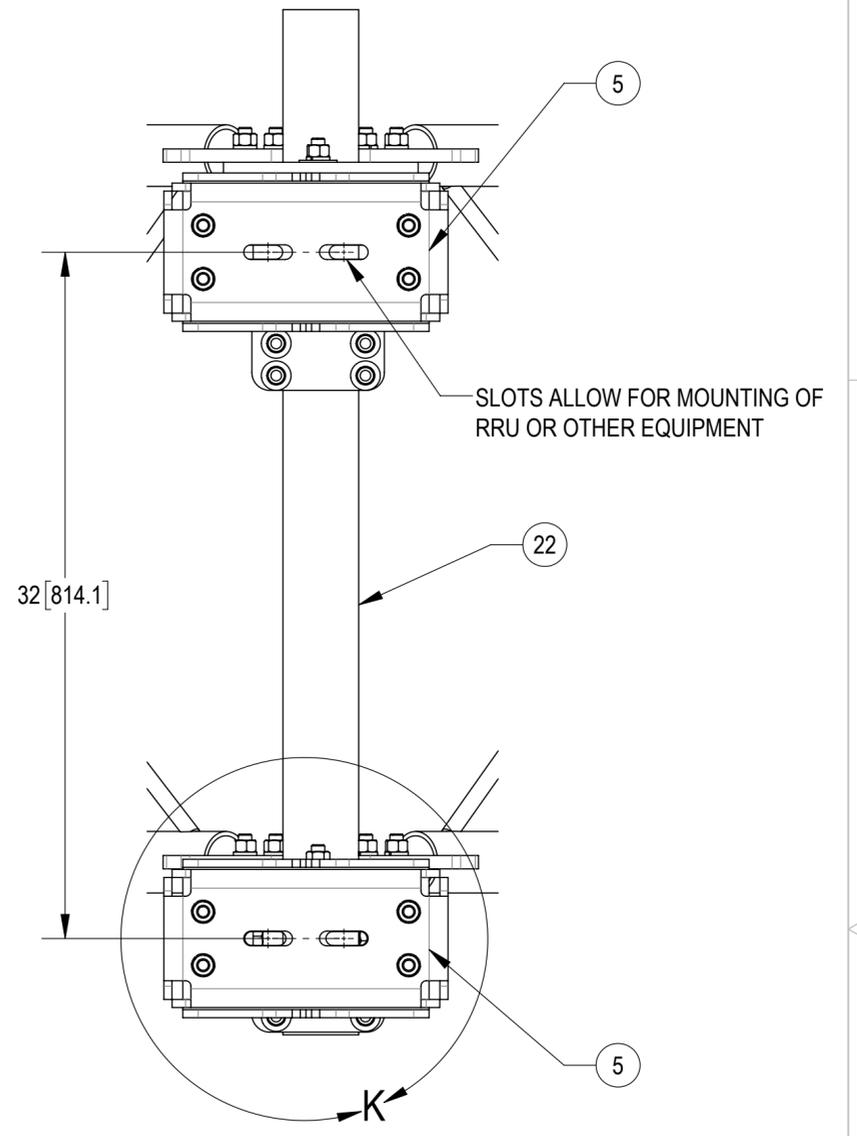
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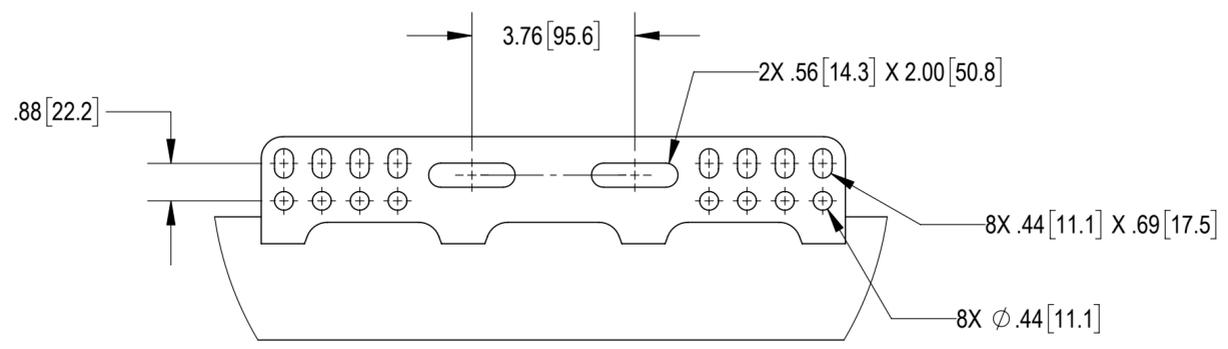
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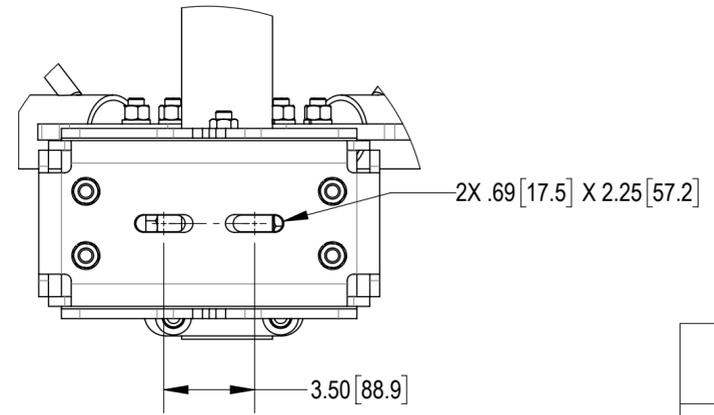
SIDE VIEW



BACK CROP VIEW



DETAIL J
SCALE 1 : 3
2 PLACES



DETAIL K
SCALE 1 : 5
2 PLACES



TITLE				
SECTOR FRAME 10' FACE, (4) 96" AP				
SIZE	SCALE	DOCUMENT NO.		
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				5 OF 6

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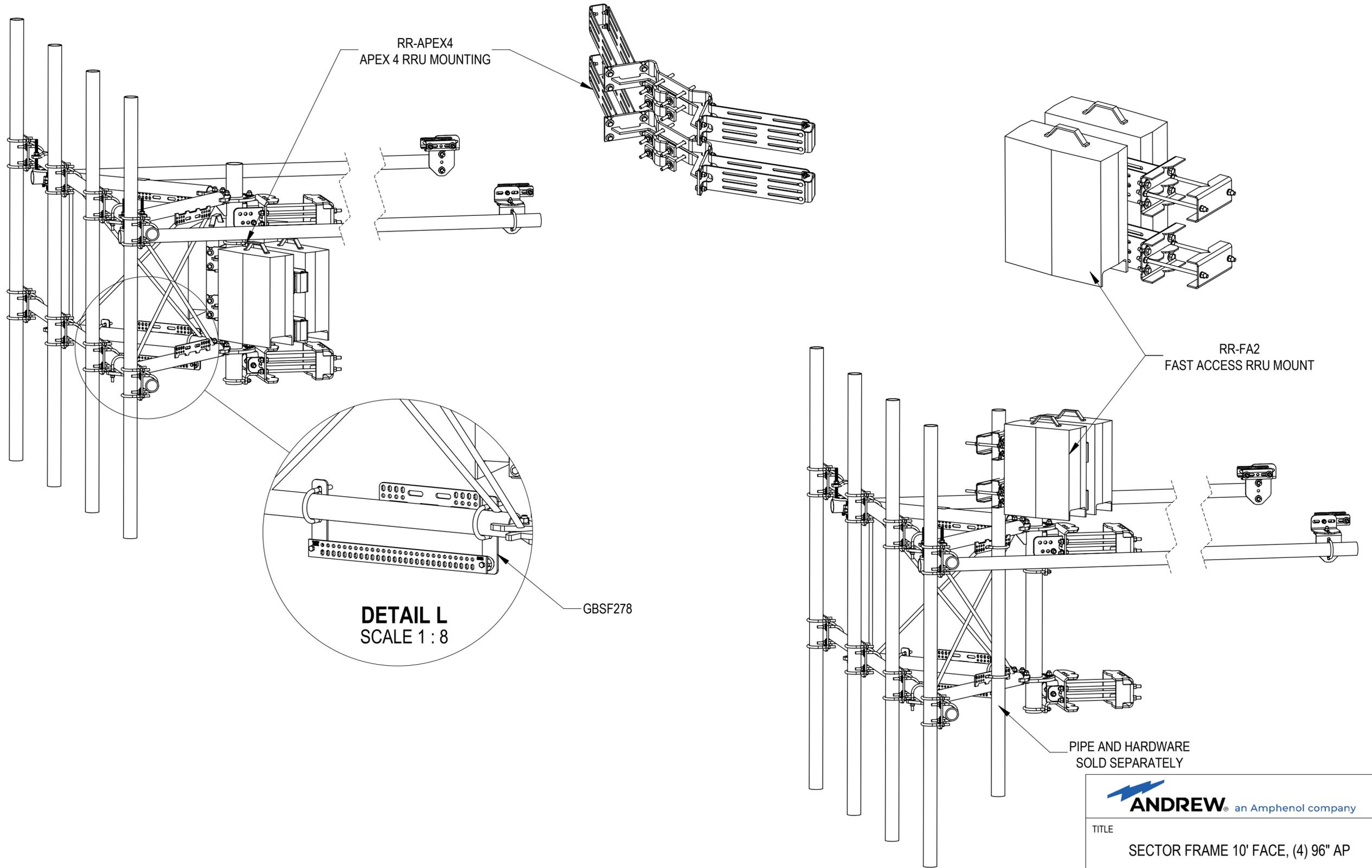
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ACCESSORIES ORDERED SEPARATELY:

NOT ALL MATERIALS ARE INCLUDED WITH ITEMS SHOWN ON THIS PAGE
SEE RESPECTIVE PART NUMBER DRAWING BOM FOR DETAILS



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TITLE
SECTOR FRAME 10' FACE, (4) 96" AP

SIZE C	SCALE 1:12	DOCUMENT NO. SFG23HDX-10-4-96
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