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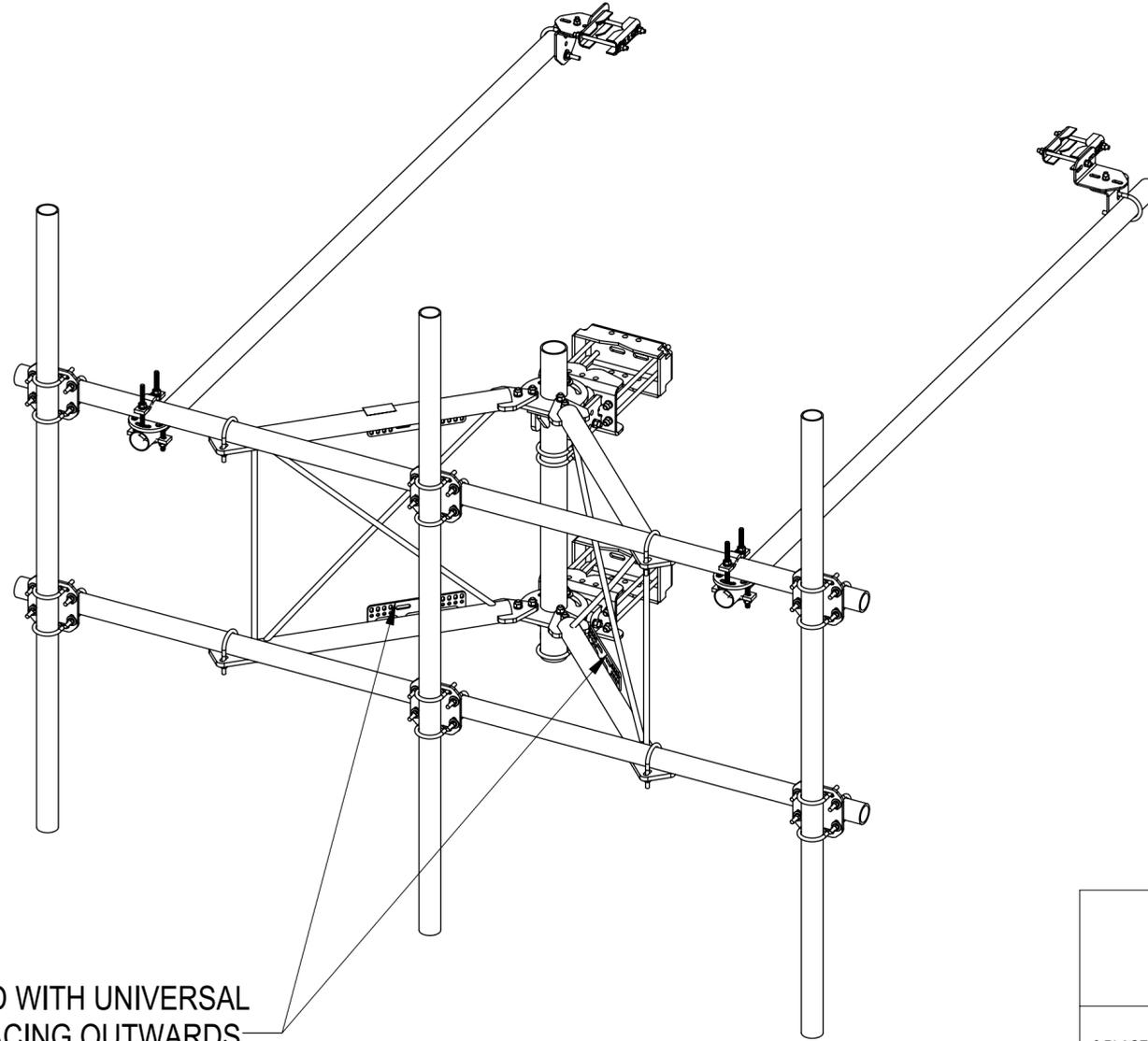
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- 1.0 GENERAL NOTES
 - 1.1 ALL METRIC DIMENSIONS ARE IN BRACKETS [X.XX]
 - 1.2 FOR PATENT INFO: <https://www.adwpat.com>
- 2.0 DESIGN NOTES
 - 2.1 ANY HAZARDS OR OBSTRUCTIONS TO THE CLIMBING FACILITY AND SAFETY CLIMB MUST BE IDENTIFIED PRIOR TO INSTALLING 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
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-10-3-96	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES INTERPRET PER ANSI Y 14.5M-1994	NAME	DATE	TITLE
	CE JL1183	05/18/2022	SECTOR FRAME 10' FACE, (3) 96" AP
	RW NSUN	06/12/2025	
	AD YMENG	06/12/2025	
	RE YMENG	06/12/2025	
ECN 40199603CMO			
SCALE	DOCUMENT NO.		
1:16	SFG23HDX-10-3-96		
SIZE	Auth Group	INSL	MODEL
C			
	VERSION	STATUS	REVISION
	02	RE	C
	VERSION	STATUS	REVISION
	04	RE	G
	DRAWING		SHEET
			1 OF 6

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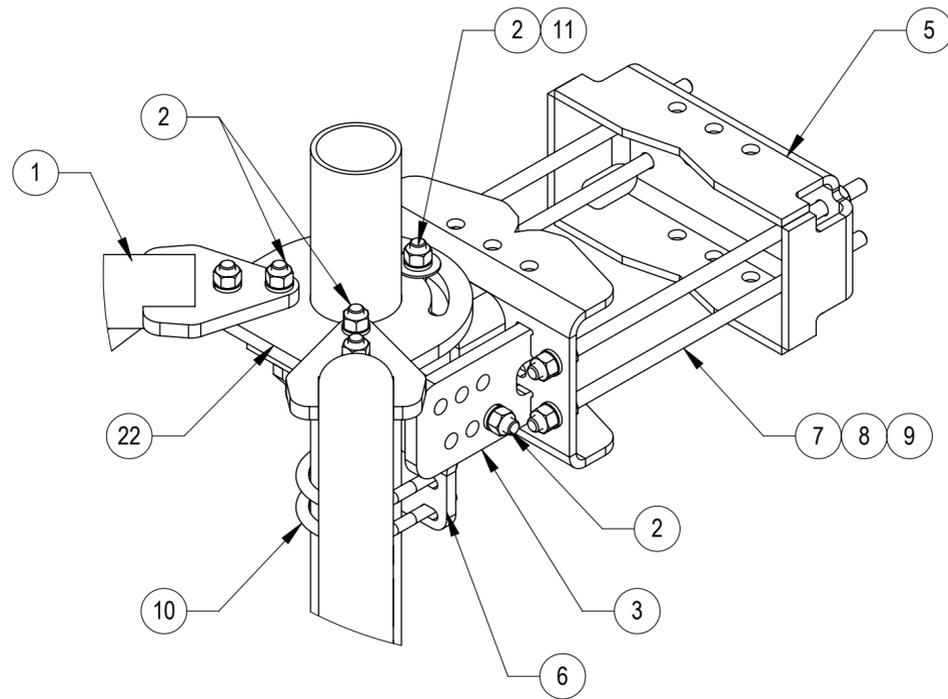
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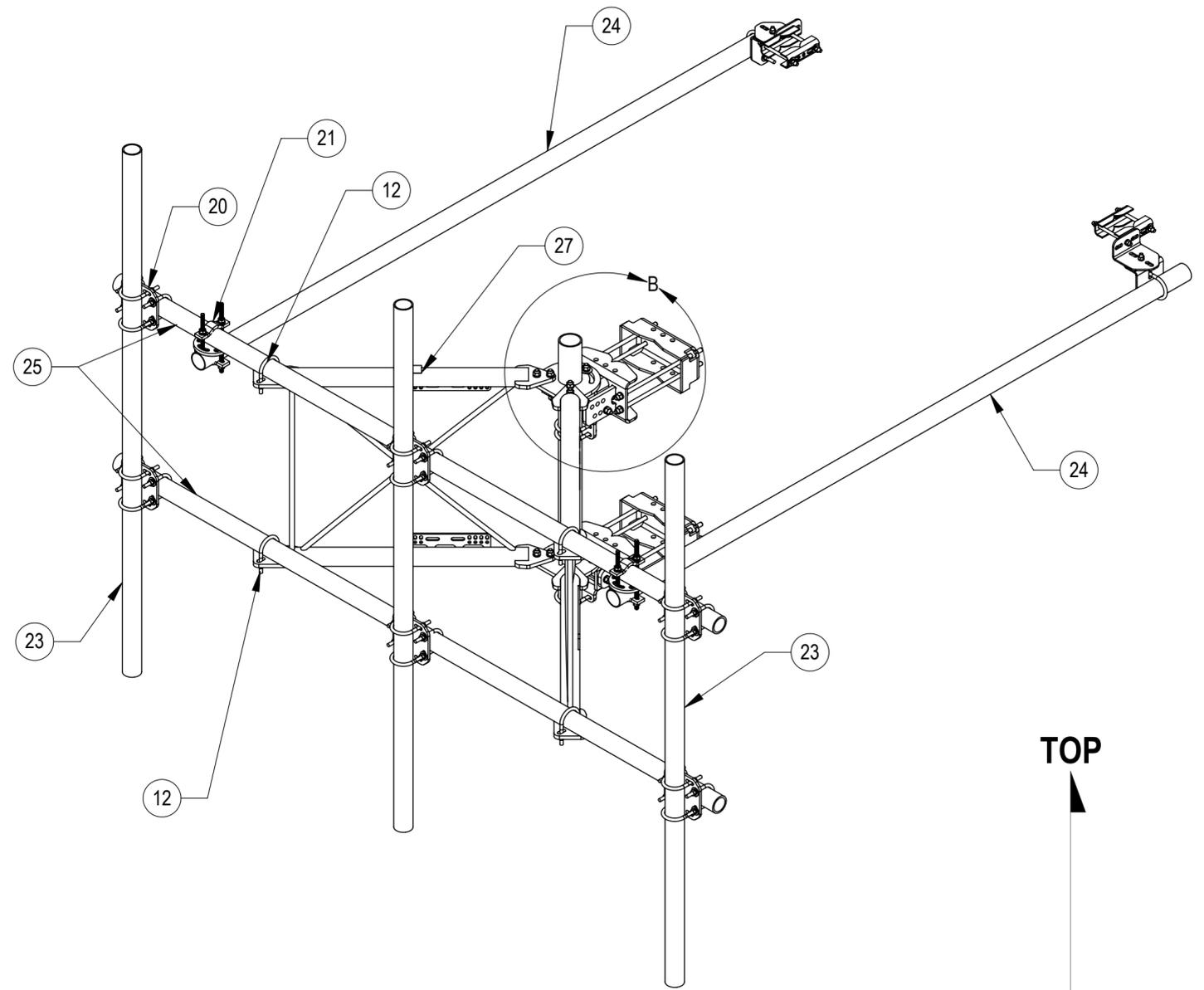
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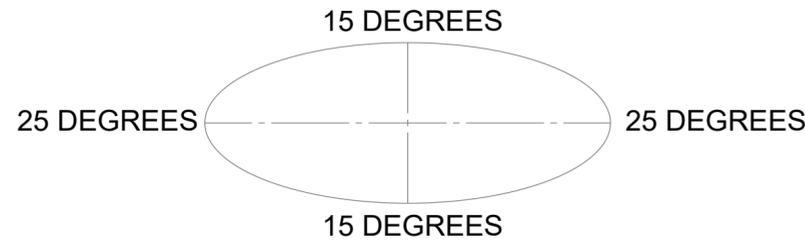
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DETAIL B
SCALE 1 : 5



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	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	6	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"	3	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	

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TITLE
SECTOR FRAME 10' FACE, (3) 96" AP

SIZE C	SCALE 1:16	DOCUMENT NO. SFG23HDX-10-3-96
DRAWING		SHEET
VERSION 04	STATUS RE	REVISION G

2 OF 6

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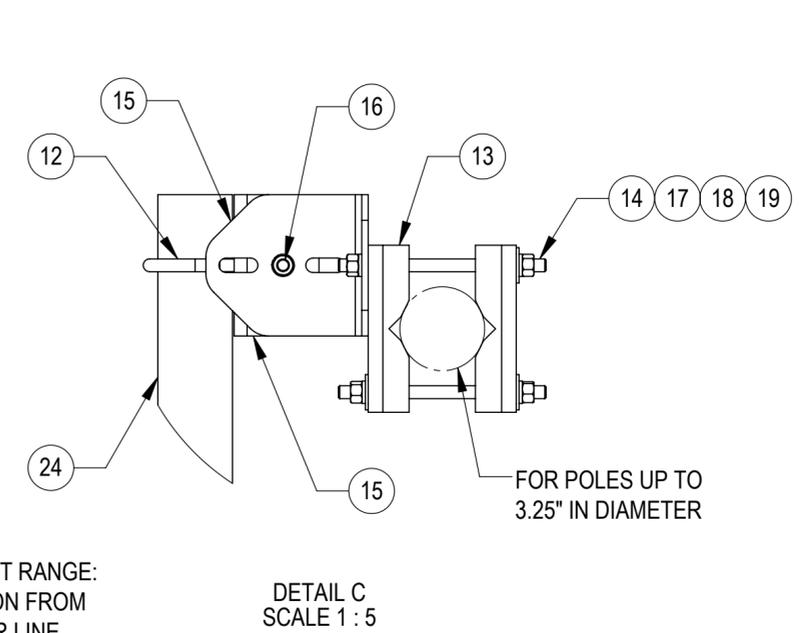
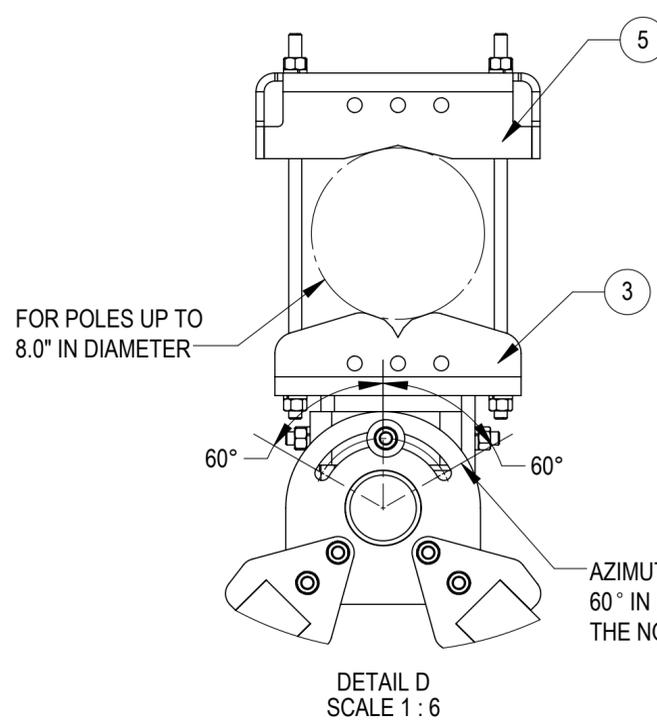
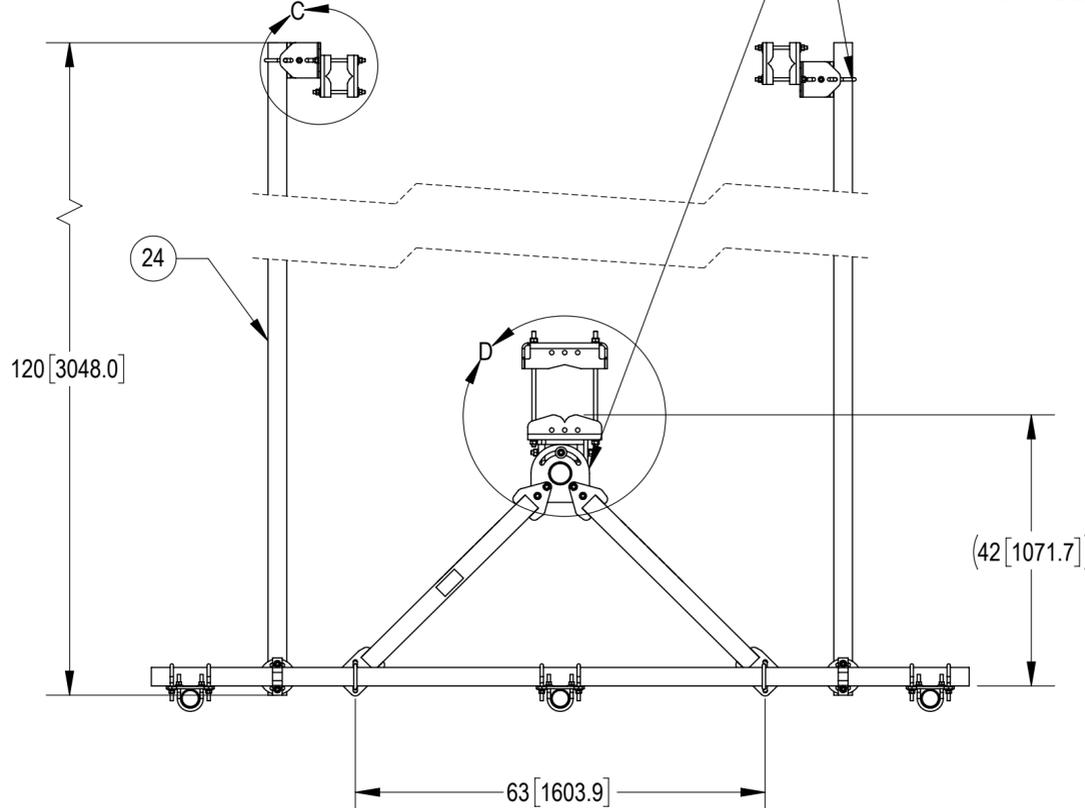
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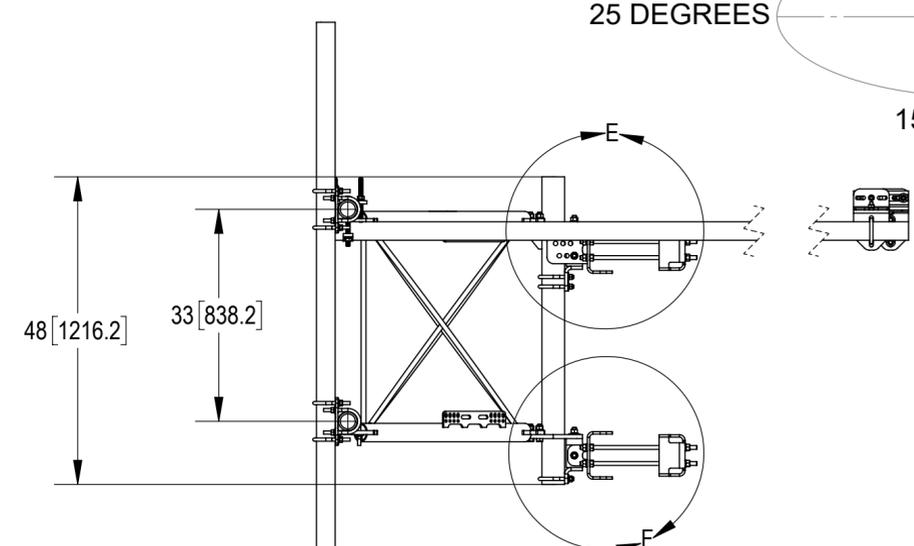
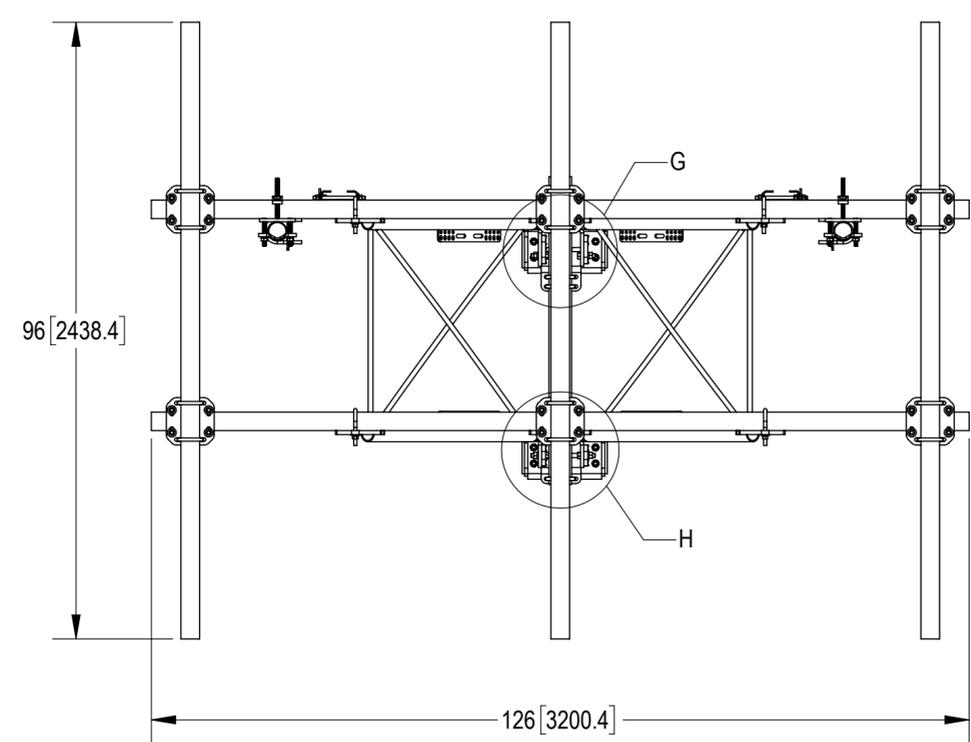
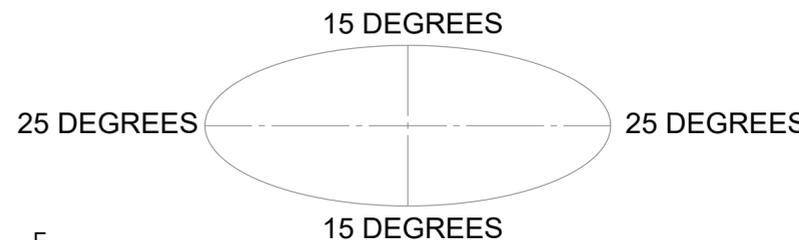
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TIEBACK MUST BE CONNECTED TO A RIGID MEMBER THAT PROVIDES ADEQUATE SUPPORT WITHIN THE LIMITS NOTED IN THE TIEBACK ANGLE RANGE DETAIL. UNLESS APPROVED BY ENGINEER OF RECORD. SPINE STEM OF NEIGHBORING MOUNT IS ACCEPTABLE.



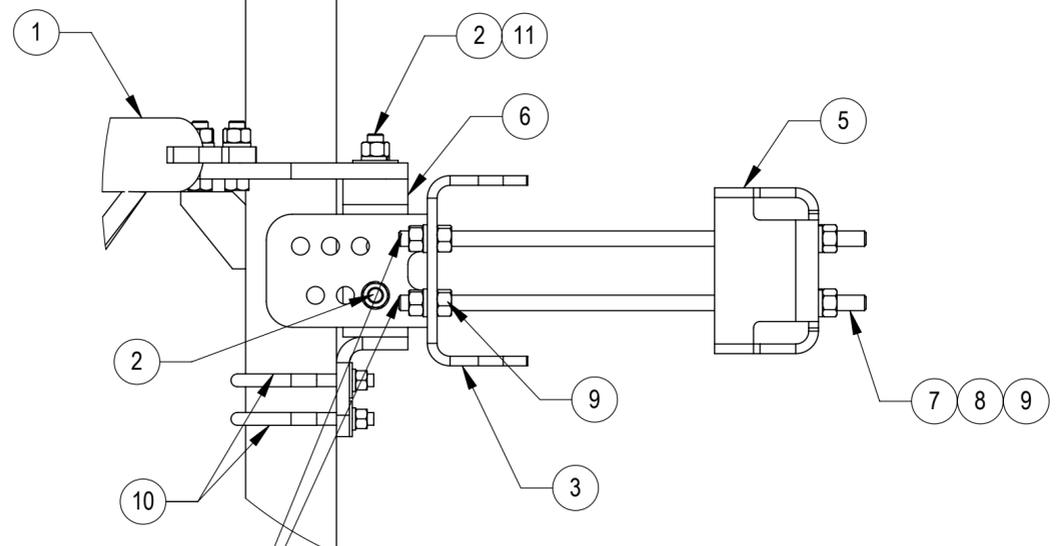
ALLOWABLE TIEBACK ANGLE
 ±15 DEGREES VERTICAL
 ±25 DEGREES HORIZONTAL



TOP
 ↓
BOTTOM

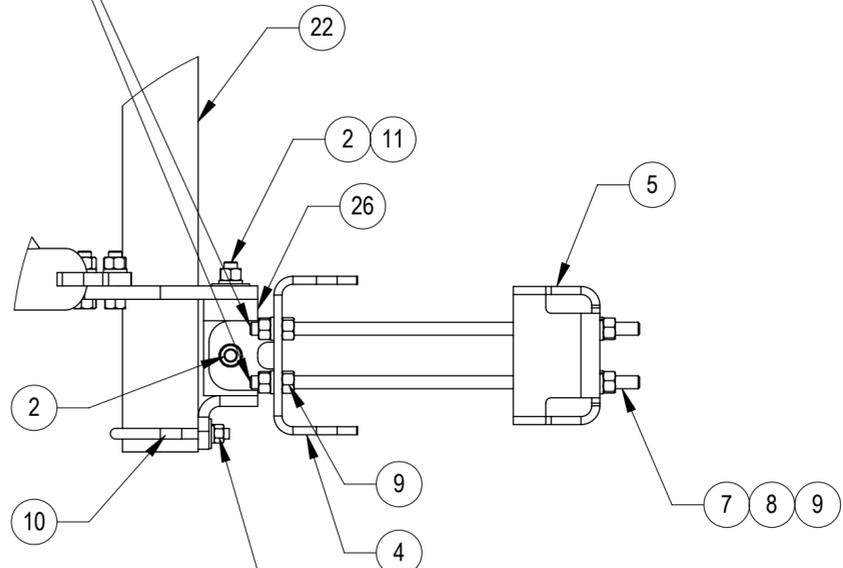
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SIZE C	SCALE 1:16	DOCUMENT NO. SFG23HDX-10-3-96		
 		DRAWING		SHEET 3 OF 6
		VERSION 04	STATUS RE	

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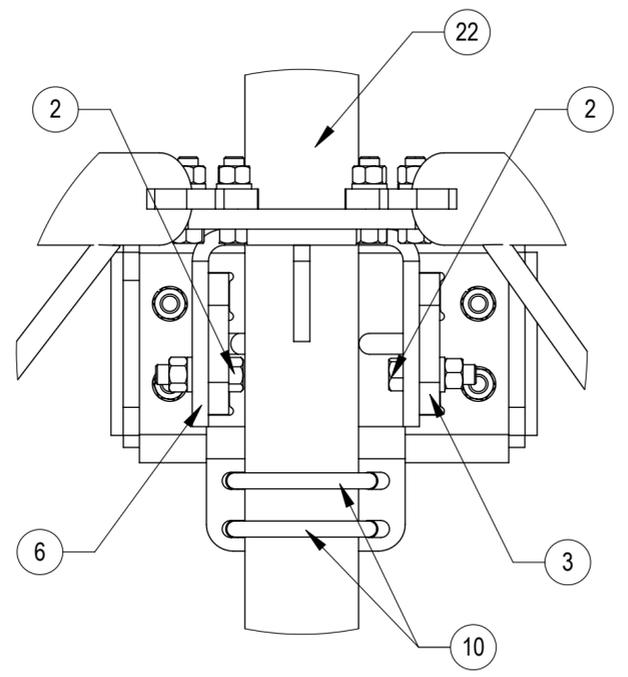
DETAIL E
SCALE 1 : 5

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

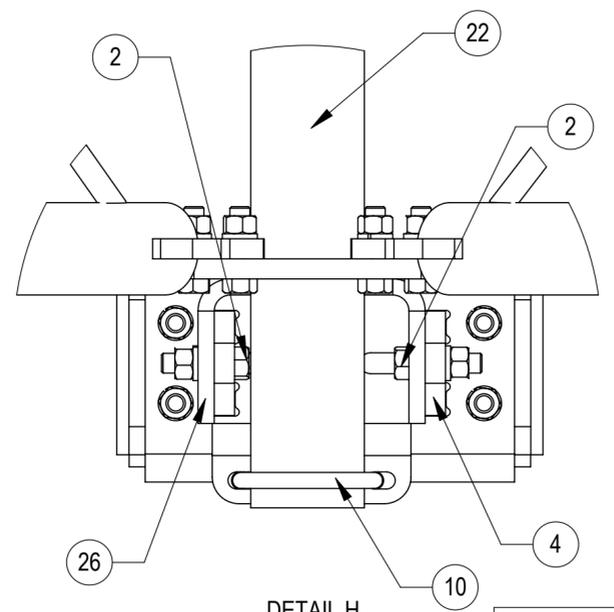


DETAIL F
SCALE 1 : 6

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, (3) 96" AP				
SIZE	SCALE	DOCUMENT NO.		
C	1:16	SFG23HDX-10-3-96		
 	DRAWING			SHEET
	VERSION	STATUS	REVISION	4 OF 6
	04	RE	G	

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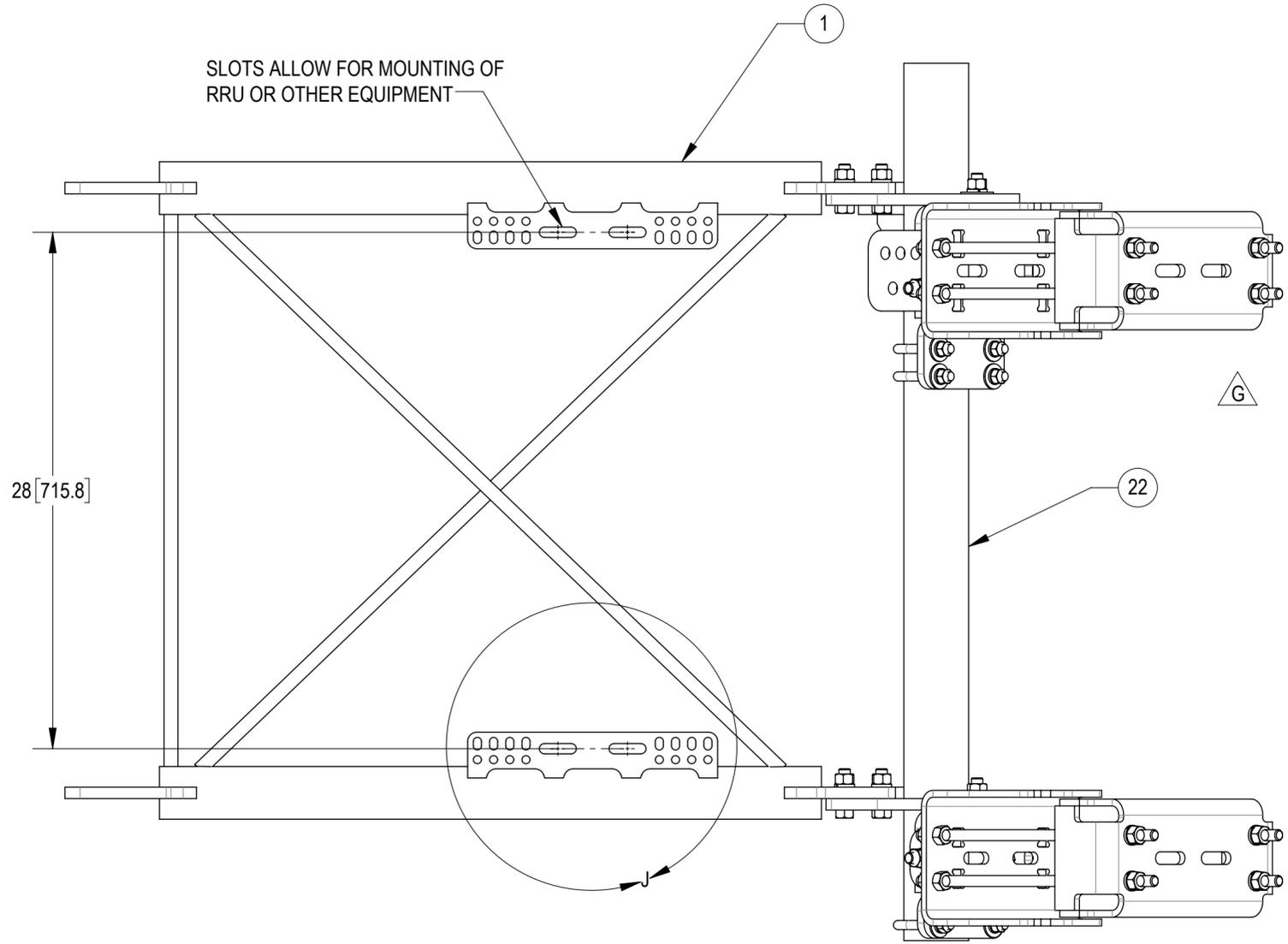
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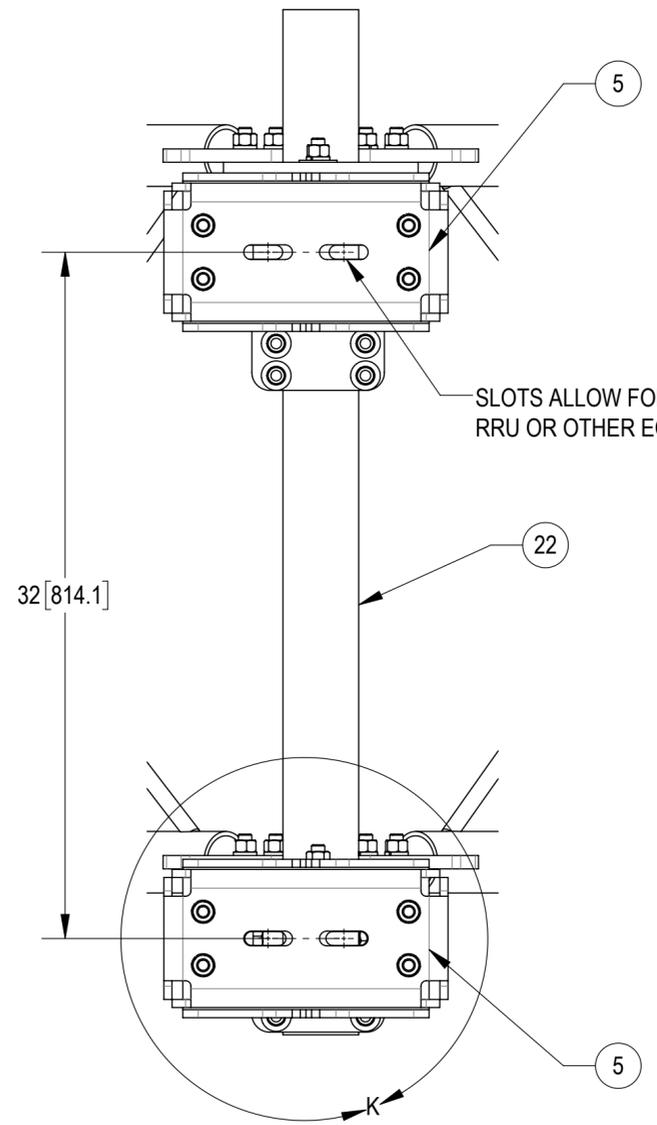
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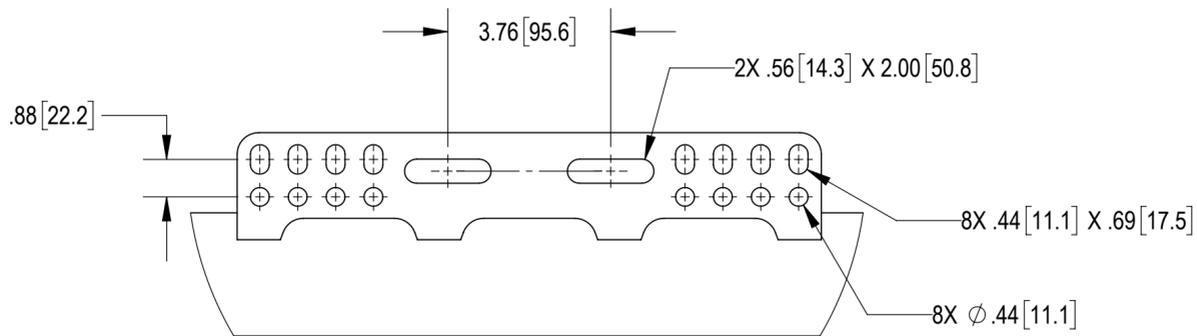
SIDE VIEW

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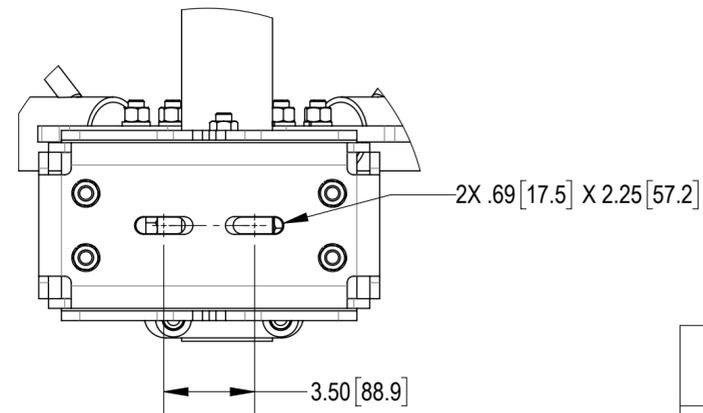
SLOTS ALLOW FOR MOUNTING OF RRU OR OTHER EQUIPMENT



BACK CROP VIEW



DETAIL J
SCALE 1 : 3
2 PLACES



DETAIL K
SCALE 1 : 5
2 PLACES

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TITLE
SECTOR FRAME 10' FACE, (3) 96" AP

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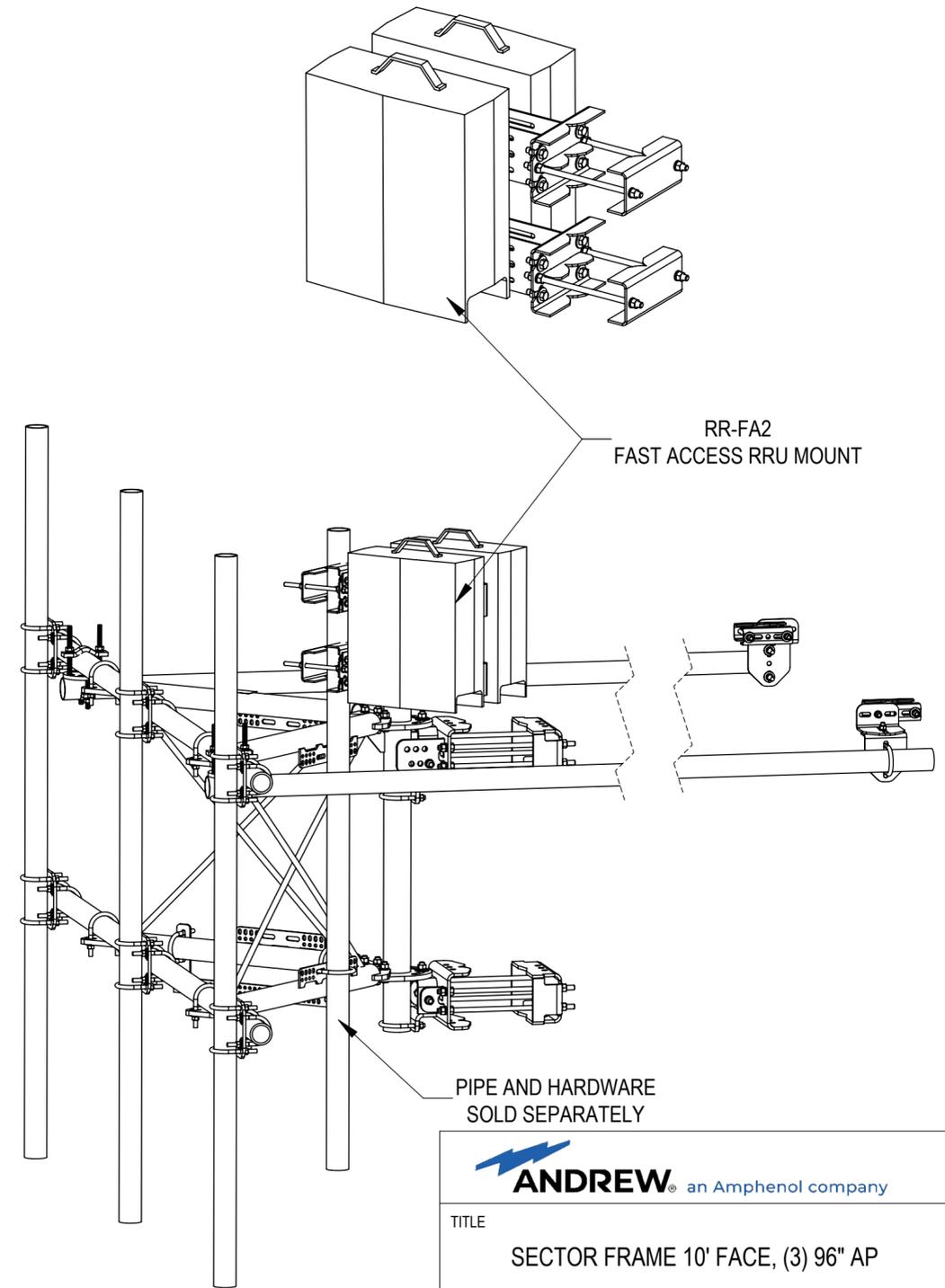
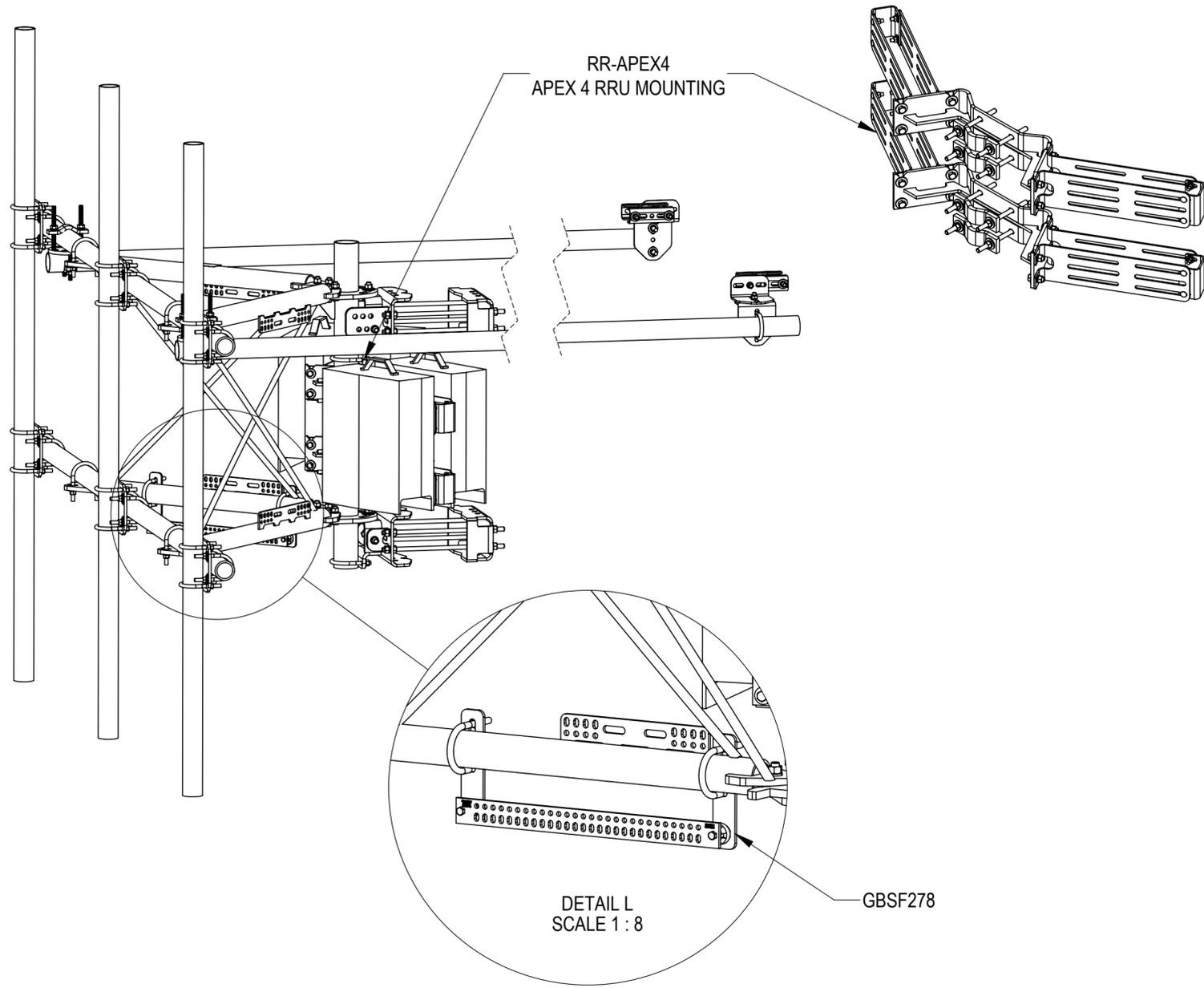
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ACCESSORIES ORDERED SEPARATELY:

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, (3) 96" AP

SIZE C	SCALE 1:12	DOCUMENT NO. SFG23HDX-10-3-96
DRAWING		SHEET
VERSION 04	STATUS RE	REVISION G
		6 OF 6

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