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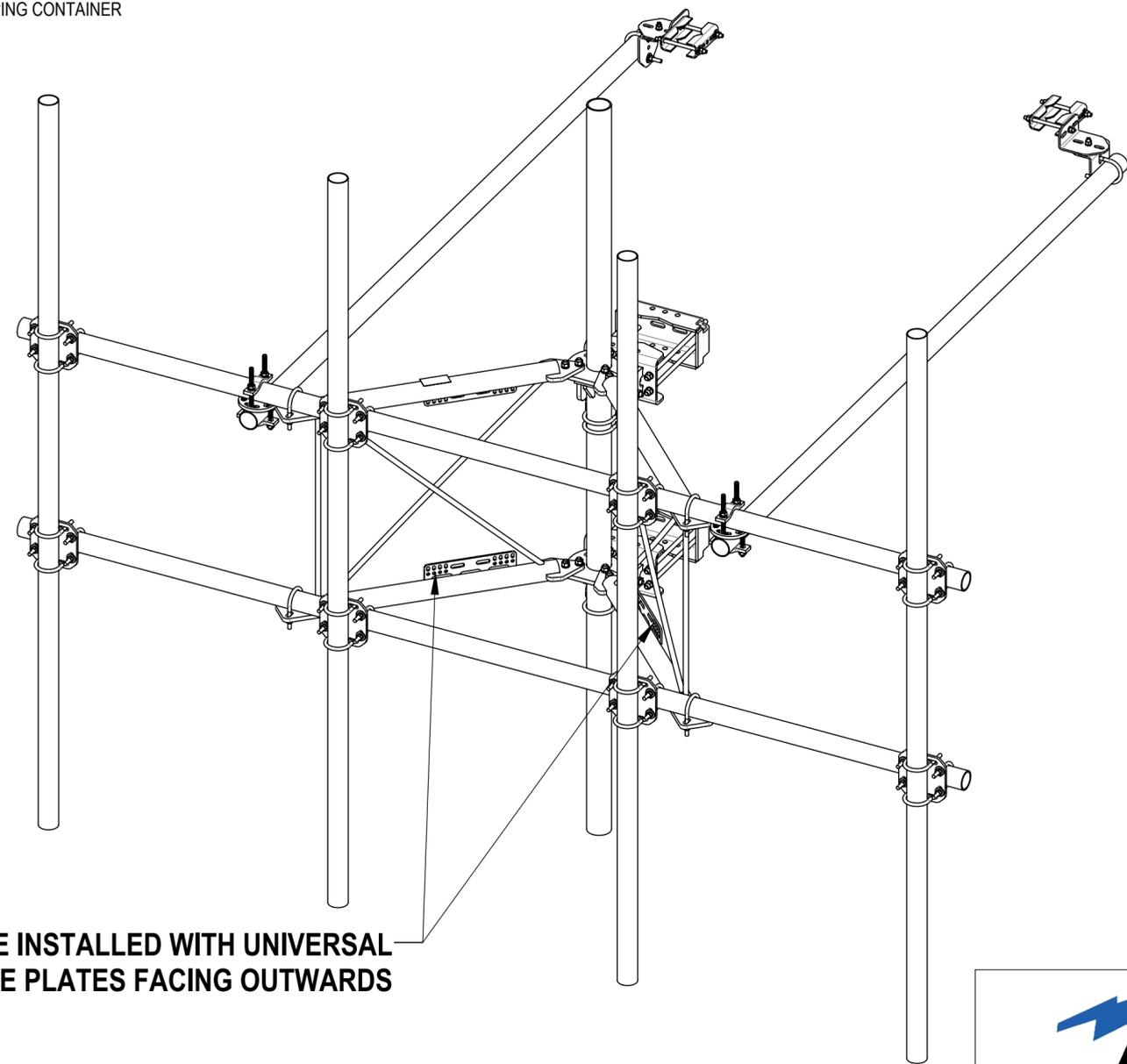
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- 1.0 GENERAL NOTES
 1.1 ALL METRIC DIMENSIONS ARE IN BRACKETS [X. X]
 1.2 FOR PATENT INFO: <https://www.adwpat.com>
- 2.0 DESIGN NOTES
 2.1 ANY HAZARDS OR OBSTRUCTIONS TO THE CLIMBING FACILITY AND SAFETY CLIMB MUST BE IDENTIFIED PRIOR TO INSTALLING 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
B	BOM STANDARDIZATION	YH1102 13JUL22	MM1298 40148961CMO
C	SFG23RHDX SERIES SADDLE MOUNT CHANGED FROM SM-U2080HDG22 TO SM-U2080HDG23, REMOVED SFG2350	YH1102 17NOV22	MM1298 40157021CMO
D	CHG QTY SFG2386 TO 1 EA, AND GUB-4355 TO 3 EA; ADDED SFG2397-00; ADDED SFG2398 TO THE TOP OF V-ARM	RY1002 09OCT23	YW1045 40179941CMO
E	UPDATED SFG23175 TO ADD UNIVERSAL INTERFACE PLATES	RY1002 22AUG24	XK1001 40202713CMO



**SHOULD BE INSTALLED WITH UNIVERSAL
 INTERFACE PLATES FACING OUTWARDS**



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TOLERANCES		SAP MATERIAL MASTER		
0 PLACE	X[.X] ± 0.2[5]	2 PLACE	.XX[.X] ± 0.06[1.5]	
1 PLACE	.X[.X] ± 0.12[3.0]	ANGLES	± 2°	
FINISH		MATERIAL		
		SFG23RHDX12-4-H10		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES INTERPRET PER ANSI Y 14.5M-1994	NAME	DATE	TITLE	
	CE YH1102	06/02/2022	XSECTOR FRAME 12' FACE, (4) 120" ANT	
	RW YMENG	06/13/2025		
	AD LL1090	06/13/2025	SCALE	DOCUMENT NO.
	RE LL1090	06/13/2025	1:16	SFG23RHDX12-4-H10
ECN 40202713CMO				
SIZE	Auth Group	INSL	MODEL	
C			VERSION	
			STATUS	
			REVISION	
			VERSION	
			STATUS	
			REVISION	
			DRAWING	
			VERSION	
			STATUS	
			REVISION	
			SHEET	
			1 OF 5	

DENSITY		lbs/in³
MASS	811.32	lbs
VOLUME	2862.05	in³
SURFACE AREA	30007.76	in²
HEIGHT	120"	
LENGTH	150"	
WIDTH	120"	

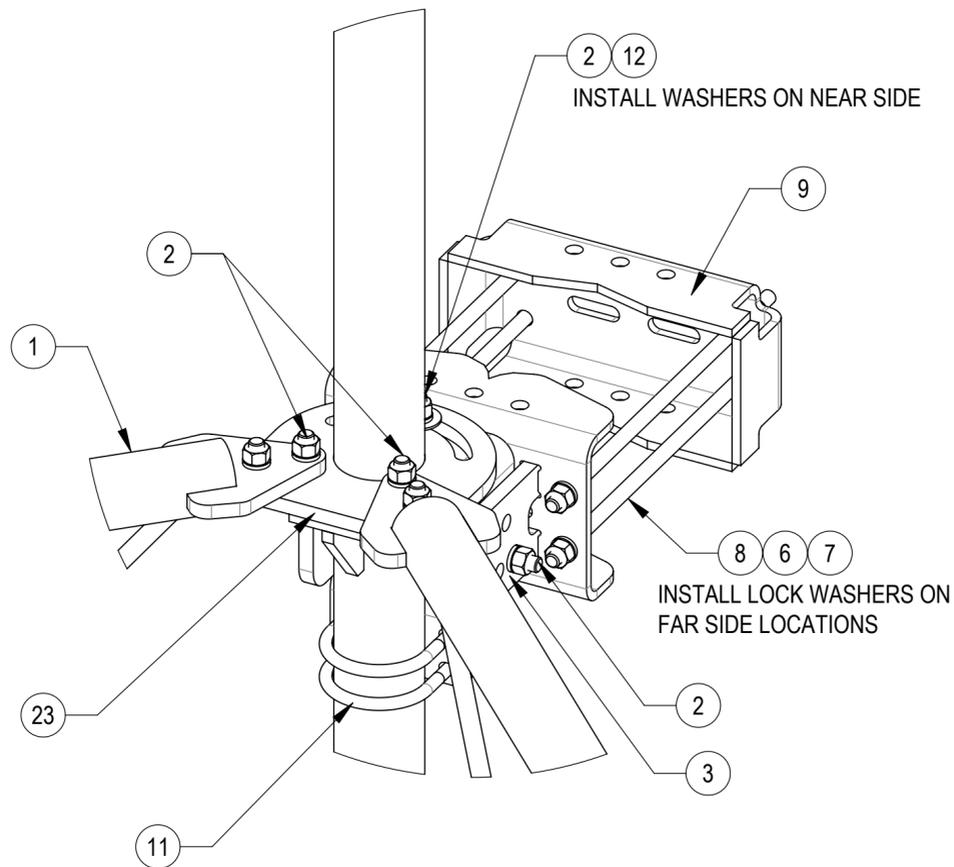
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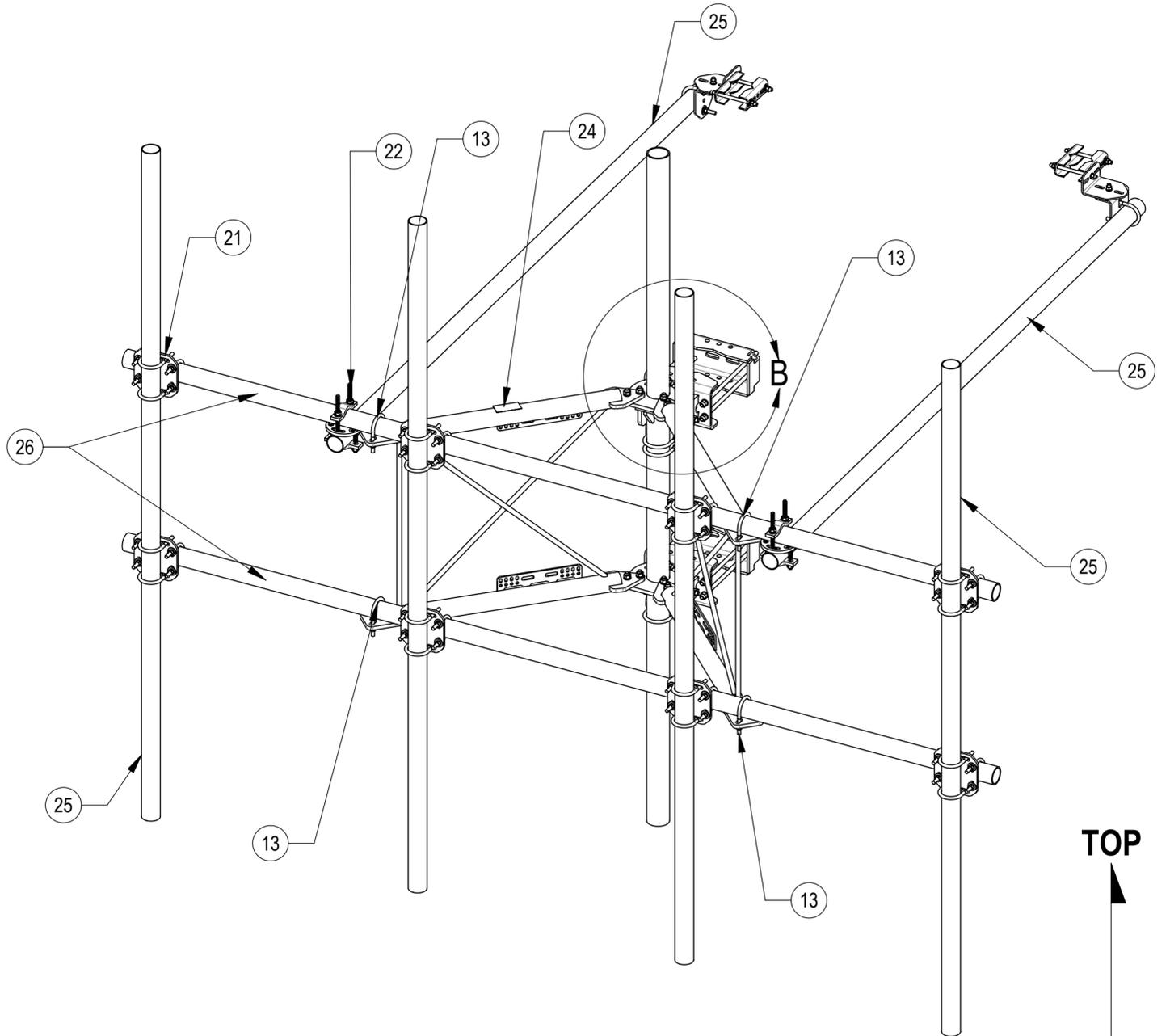
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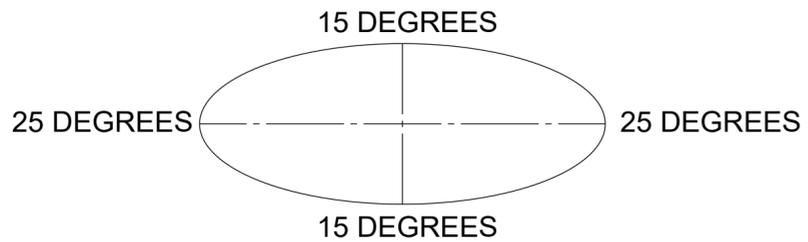
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DETAIL B
SCALE 1 : 5



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.**

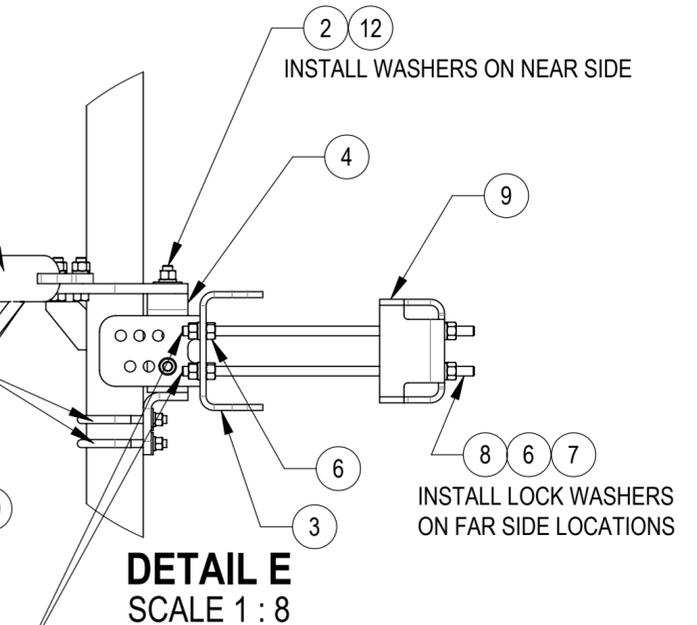
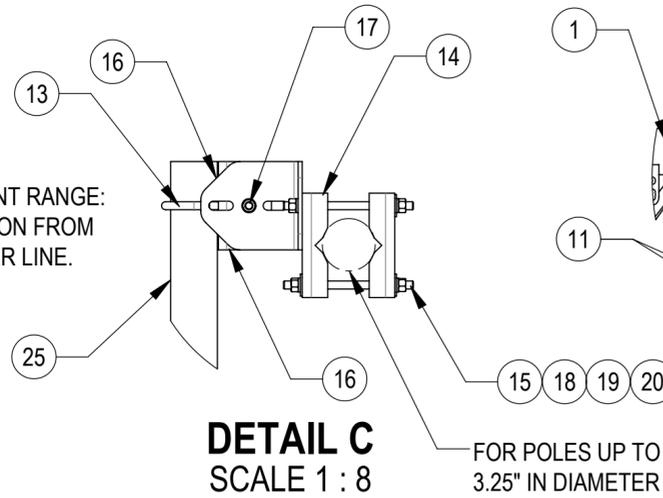
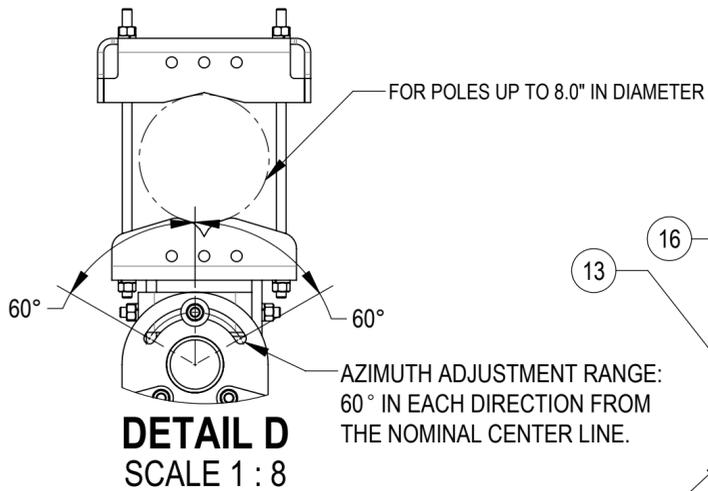
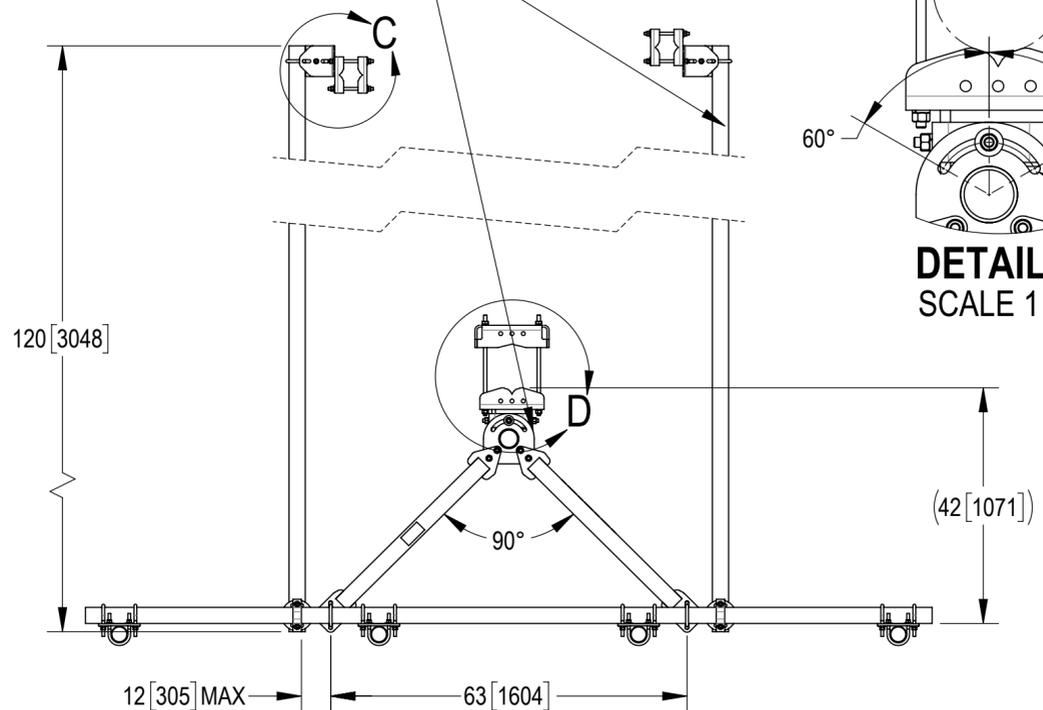
ITEM	PART NO.	DESCRIPTION	QTY.	WEIGHT	NOTE NO.
1	SFG23175	ARM STANDOFF SFG23	2	66.61 LBS	
2	GB-05225	5/8" X 2-1/4" GALV BOLT KIT	14	0.28 LBS	
3	SFG2380	WELDMENT, HD, TOP TAPER BRACKET	1	22.78 LBS	
4	SFG2386	WELDMENT, SFG2 AZIMUTH BRACKET	1	10.07 LBS	
5	SFG2397-00	WELDMENT, G23 AZIMUTH BRACKET	1	7.94 LBS	
6	GN-05	5/8" GALV HEX NUT	24	0.08 LBS	
7	GWL-05	5/8" GALV LOCK WASHER	16	0.03 LBS	
8	MT-382-18	5/8" X 18" THREADED ROD	8	1.43 LBS	
9	SFG2289	G2 RRU BACK CLAMP, HD	2	18.65 LBS	
10	SFG2381	WELDMENT, HD, LOWER TOWER LEG BRACKET	1	17.42 LBS	
11	GUB-4355	1/2" X 3-5/8" X 5" GALV U-BOLT	3	0.71 LBS	
12	GWF-05	5/8" GALV FLAT WASHER, 1.7OD	2	0.06 LBS	
13	GUB-4352	1/2" X 3" X 5-1/4" GALV U-BOLT	6	0.71 LBS	
14	SAB01	FORMED CLAMP	4	1.35 LBS	
15	MT-379-8	1/2" X 8" GALV THREADED ROD	4	0.45 LBS	
16	XAU01	ANGLE, CROSSOVER, 1.9-3.5" X 1.9-3.5" OD	4	2.98 LBS	
17	GB-04145	1/2" X 1-1/2" GALV BOLT KIT	2	0.13 LBS	
18	GWF-04	1/2" GALV FLAT WASHER	8	0.04 LBS	
19	GWL-04	1/2" GALV LOCK WASHER	10	0.01 LBS	
20	GN-04	1/2" GALV HEX NUT	10	0.04 LBS	
21	XP-2525	CROSSOVER PLATE KIT, 2-7/8 OD X 2-7/8 OD	8	8.37 LBS	
22	XP-R	CROSSOVER PLATE, ROUND, UP TO 3.5" OD	2	6.20 LBS	
23	SFG2204	WELDMENT, BACK VERTICAL ARM MOUNT	1	97.29 LBS	
24	SFG2398	LABEL, SFG23RHDX	1	0.03 LBS	
25	MT546120120	PIPE, 2.875"OD X 120"	6	35.44 LBS	
26	MT-546-150	PIPE, 2.875"OD X 150"	2	72.67 LBS	

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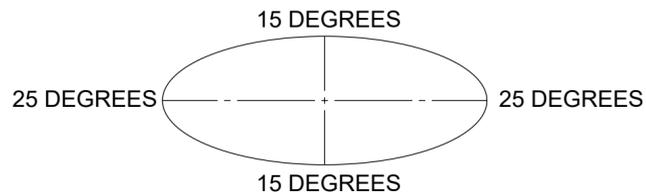
TITLE
XSECTOR FRAME 12' FACE, (4) 120" ANT

SIZE C	SCALE 1:32	DOCUMENT NO. SFG23RHDX12-4-H10
DRAWING		SHEET
VERSION 03	STATUS RE	REVISION E
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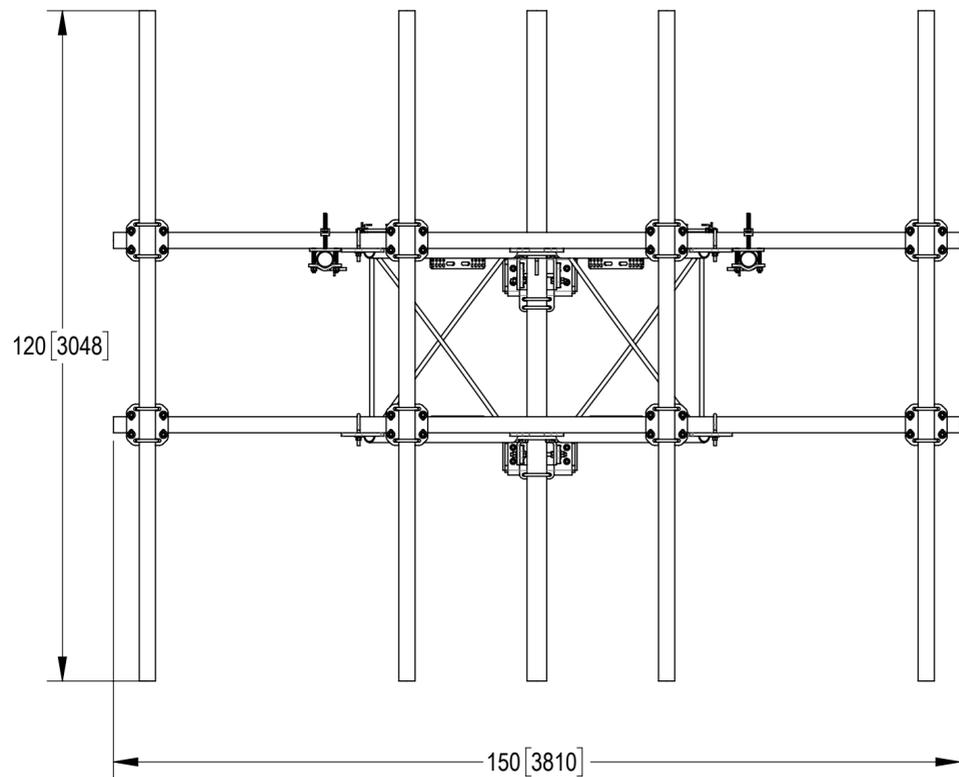
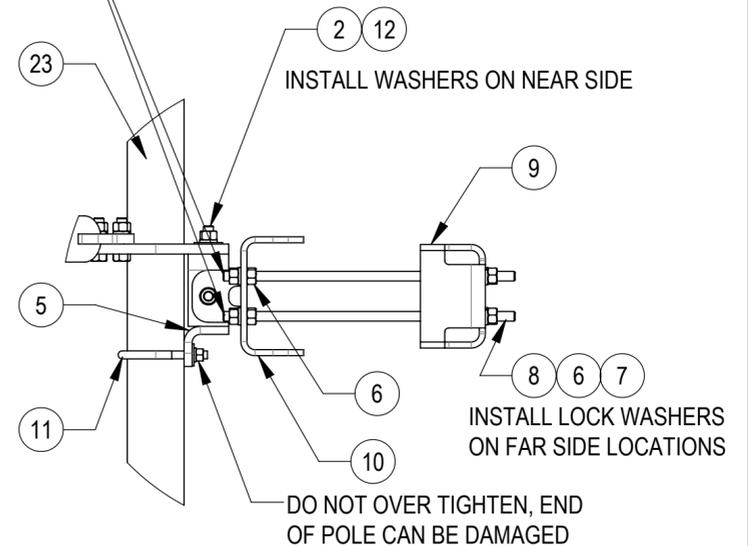
TIEBACK MUST BE CONNECTED TO A RIGID MEMBER THAT PROVIDES ADEQUATE SUPPORT WITHIN THE LIMITS NOTED IN THE TIEBACK ANGLE RANGE DETAIL. UNLESS APPROVED BY ENGINEER OF RECORD. SPINE STEM OF NEIGHBORING MOUNT IS ACCEPTABLE.



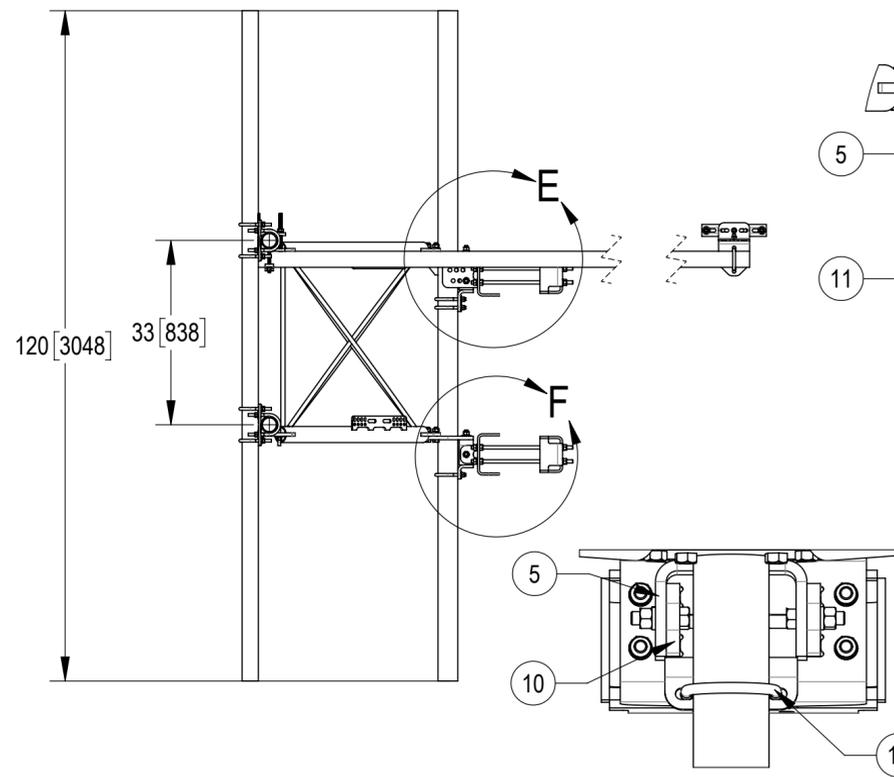
ALLOWABLE TIEBACK ANGLE
 ±15 DEGREES VERTICAL
 ±25 DEGREES HORIZONTAL



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



TOP
BOTTOM



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TITLE
 XSECTOR FRAME 12' FACE, (4) 120" ANT

SIZE **C** SCALE **1:32** DOCUMENT NO. SFG23RHDX12-4-H10

DRAWING			SHEET 3 OF 5
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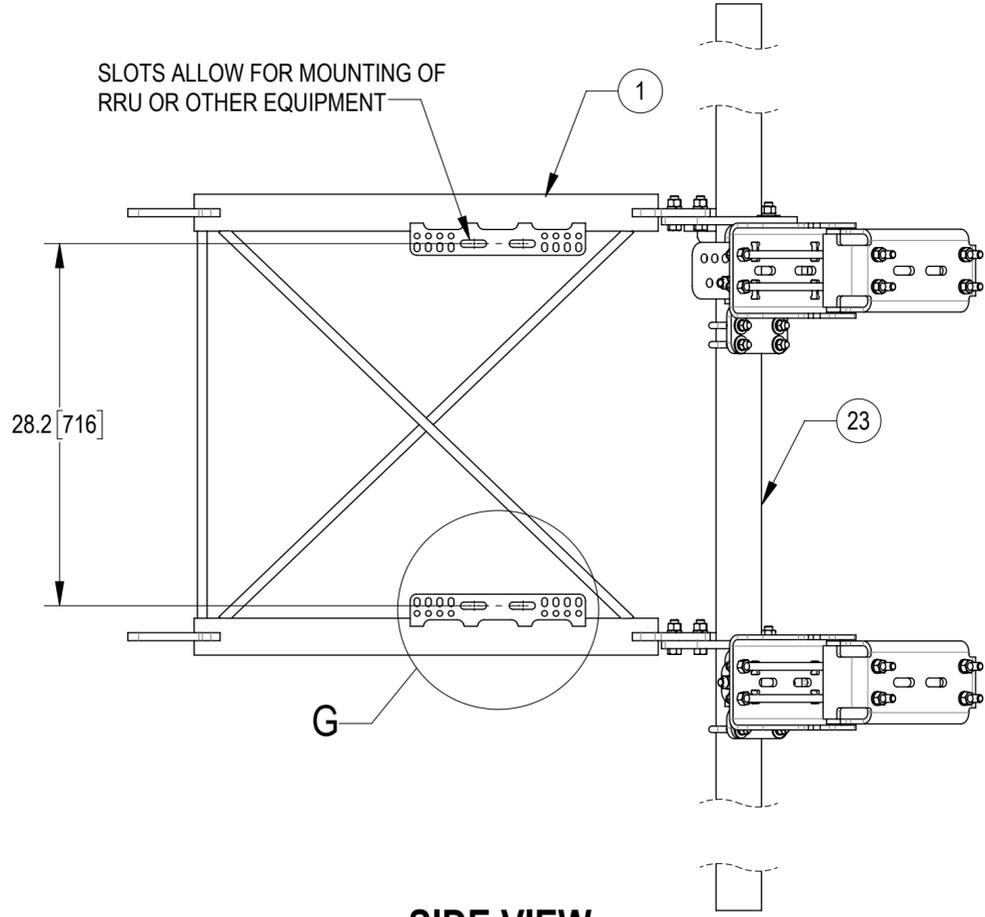
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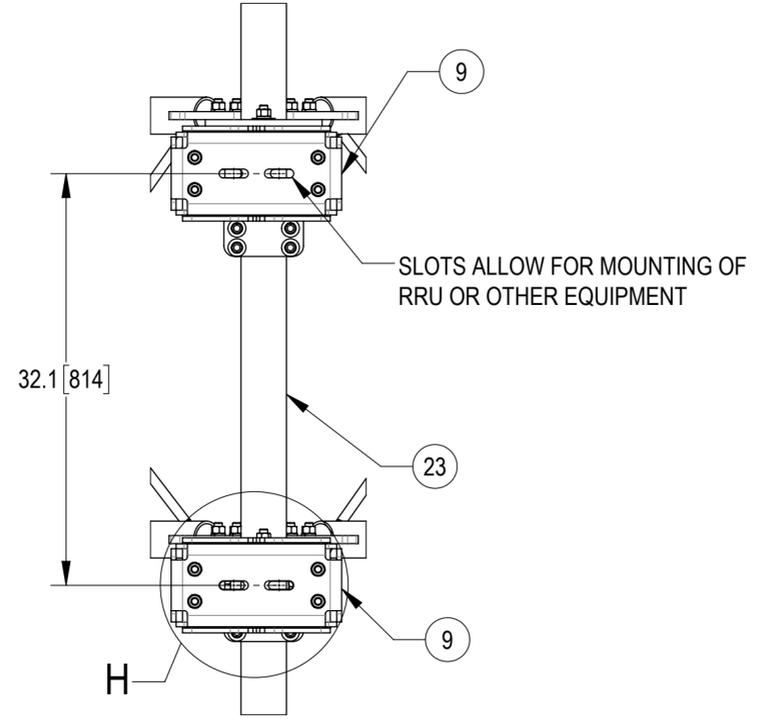
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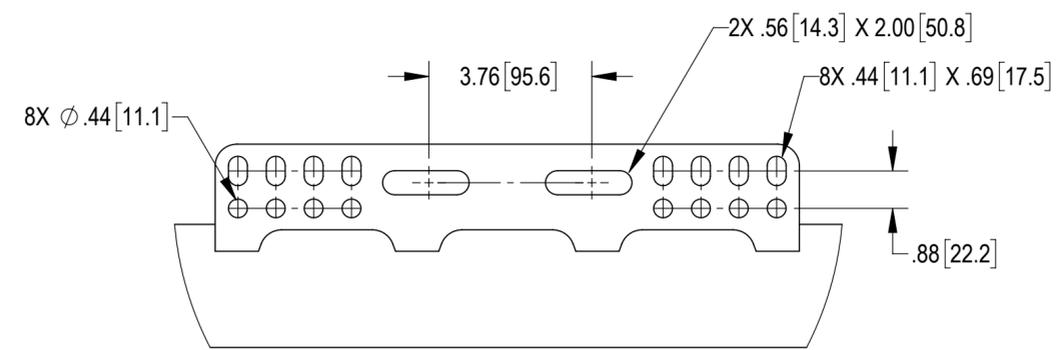
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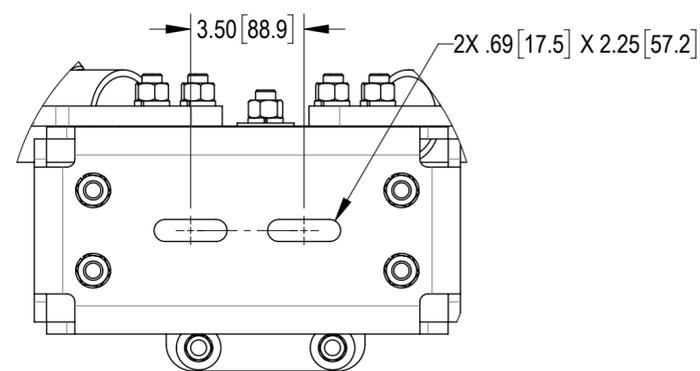
SIDE VIEW



BACK CROP VIEW



DETAIL G
SCALE 1 : 3



DETAIL H
SCALE 1 : 4



TITLE				
XSECTOR FRAME 12' FACE, (4) 120" ANT				
SIZE	SCALE	DOCUMENT NO.		
C	1:10	SFG23RHDX12-4-H10		
		DRAWING		SHEET
		VERSION	STATUS	REVISION
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1

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A

B

B

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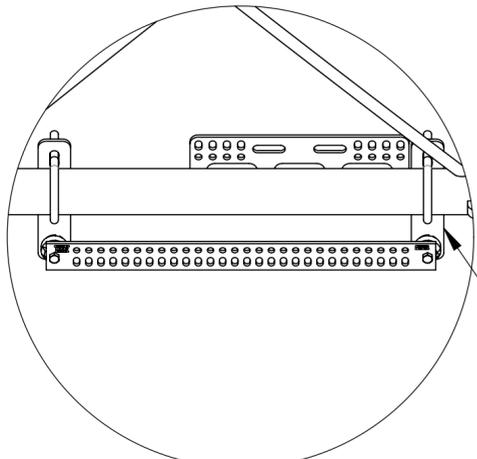
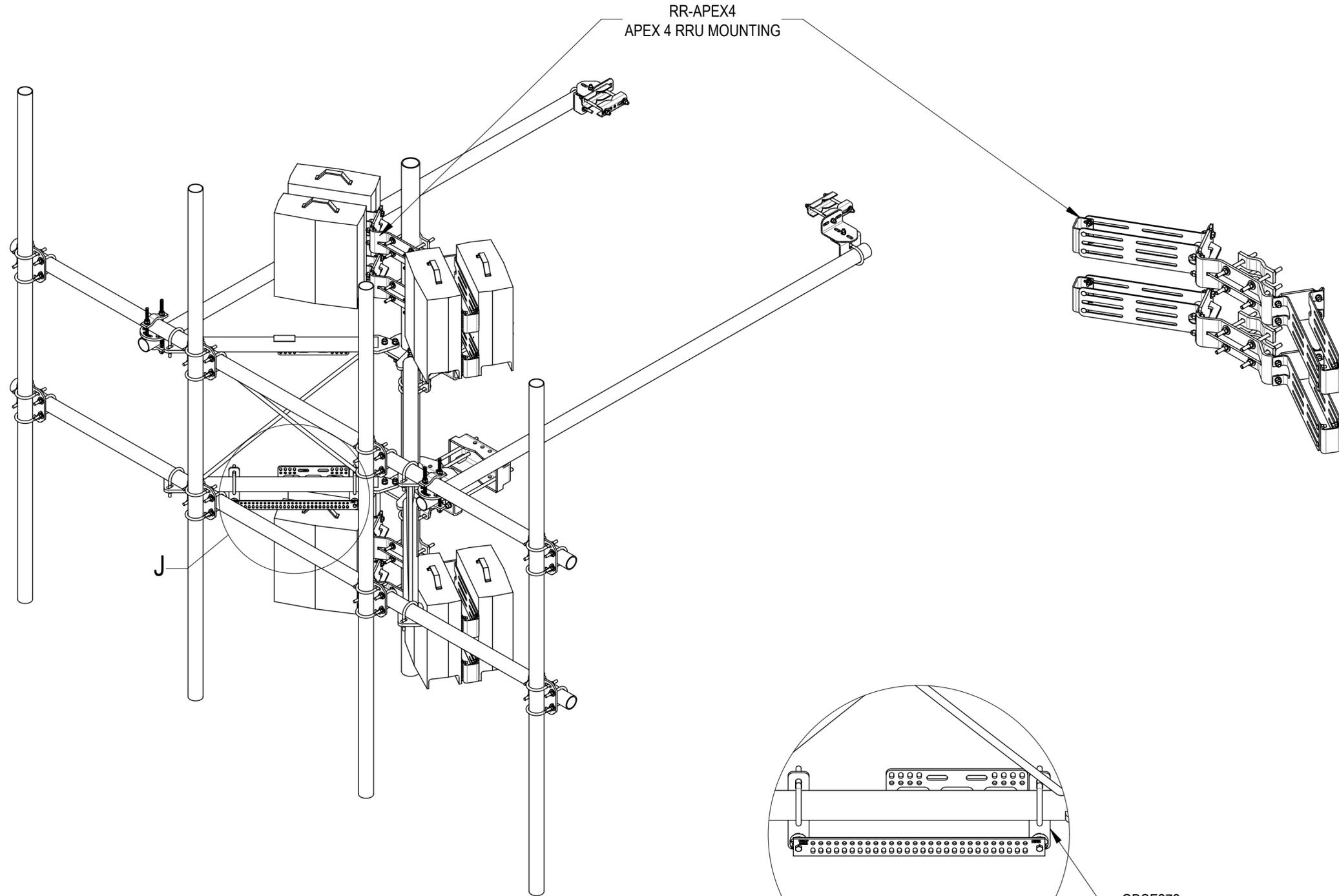
C

D

D

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

ACCESSORIES ORDERED SEPARATELY:



DETAIL J
SCALE 1 : 8

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TITLE
XSECTOR FRAME 12' FACE, (4) 120" ANT

SIZE C	SCALE 1:32	DOCUMENT NO. SFG23RHDX12-4-H10
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	DRAWING			SHEET 5 OF 5
	VERSION 03	STATUS RE	REVISION E	

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