

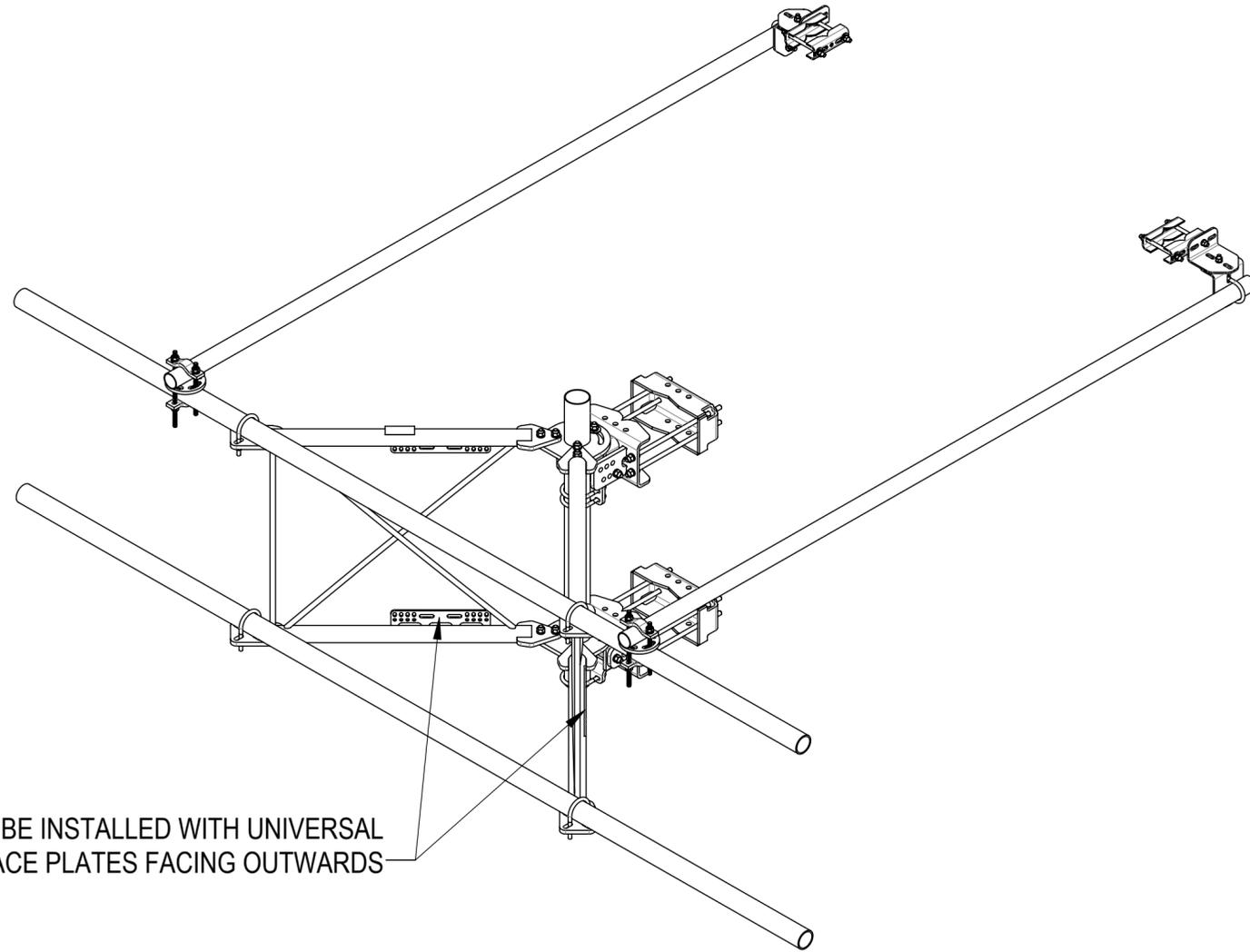
- 1.0 GENERAL NOTES
 - 1.1 ALL METRIC DIMENSIONS ARE IN BRACKETS [X. X]
 - 1.2 FOR PATENT INFO: <https://www.adwpat.com>

- 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	ECN
B	INITIAL RELEASE	JL1183 06APR22	40146175CMO
C	UPDATED NOTES: SM-U2080HDG23 WAS SM-U2080HDG22; SFG2290-00 WAS SFG2270; SFG2292-00 WAS SFG2278; REMOVED LABEL SFG2250	JL1183 21FEB23	BA1025 40165676CMO
D	CHG QTY SFG2386 TO 1EA, AND GUB-4355 TO 3EA; ADDED SFG2397-00; SFG2270 WAS SFG2290-00, SFG2278 WAS SFG2292-00; ADDED SFG2254 TO THE TOP OF V-ARM	RY1002 15SEP23	YW1045 40178978CMO
E	SFG2292-00 (ITEM4) WAS SFG2278; ADDED SHEET4 & 5	YX1027 07NOV24	BA1025 40208036CMO



SHOULD BE INSTALLED WITH UNIVERSAL
INTERFACE PLATES FACING OUTWARDS



ANDREW[®] an Amphenol company

TOLERANCES		SAP MATERIAL MASTER																																													
1 PLACE .X[X] ± 0.25[6.3]	3 PLACE .XXX[X] ± 0.06[1.5]	SFG22HD-12-B																																													
2 PLACE .XX[X] ± 0.12[3.0]	ANGLES ± 2°																																														
FINISH		MATERIAL																																													
SECTOR FRAME 12' FACE - BASE KIT																																															
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES INTERPRET PER ANSI Y 14.5M-1994		SCALE DOCUMENT NO. 1:10 SFG22HD-12-B																																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REV</th> <th>NAME</th> <th>DATE</th> <th>TITLE</th> </tr> </thead> <tbody> <tr> <td>CE</td> <td>JL1183</td> <td>04/06/2022</td> <td rowspan="5" style="text-align: center; vertical-align: middle;">SFG22HD-12-B</td> </tr> <tr> <td>RW</td> <td>YC1059</td> <td>06/15/2025</td> </tr> <tr> <td>AD</td> <td>LL1090</td> <td>06/15/2025</td> </tr> <tr> <td>RE</td> <td>YC1059</td> <td>06/15/2025</td> </tr> <tr> <td>ECN</td> <td colspan="2">40208036CMO</td> </tr> </tbody> </table>		REV	NAME	DATE	TITLE	CE	JL1183	04/06/2022	SFG22HD-12-B	RW	YC1059	06/15/2025	AD	LL1090	06/15/2025	RE	YC1059	06/15/2025	ECN	40208036CMO		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">SIZE</th> <th colspan="2">MODEL</th> <th colspan="3">DRAWING</th> <th rowspan="2">SHEET</th> </tr> <tr> <th>Auth Group</th> <th>INSL</th> <th>VERSION</th> <th>STATUS</th> <th>REVISION</th> <th>VERSION</th> <th>STATUS</th> <th>REVISION</th> </tr> </thead> <tbody> <tr> <td>C</td> <td></td> <td>03</td> <td>RE</td> <td>D</td> <td>03</td> <td>RE</td> <td>E</td> </tr> </tbody> </table>		SIZE		MODEL		DRAWING			SHEET	Auth Group	INSL	VERSION	STATUS	REVISION	VERSION	STATUS	REVISION	C		03	RE	D	03	RE	E
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DENSITY		lbs/in ³
MASS	495.40	lbs
VOLUME	1751.20	in ³
SURFACE AREA	17086.66	in ²
HEIGHT	48"	
LENGTH	150"	
WIDTH	120"	

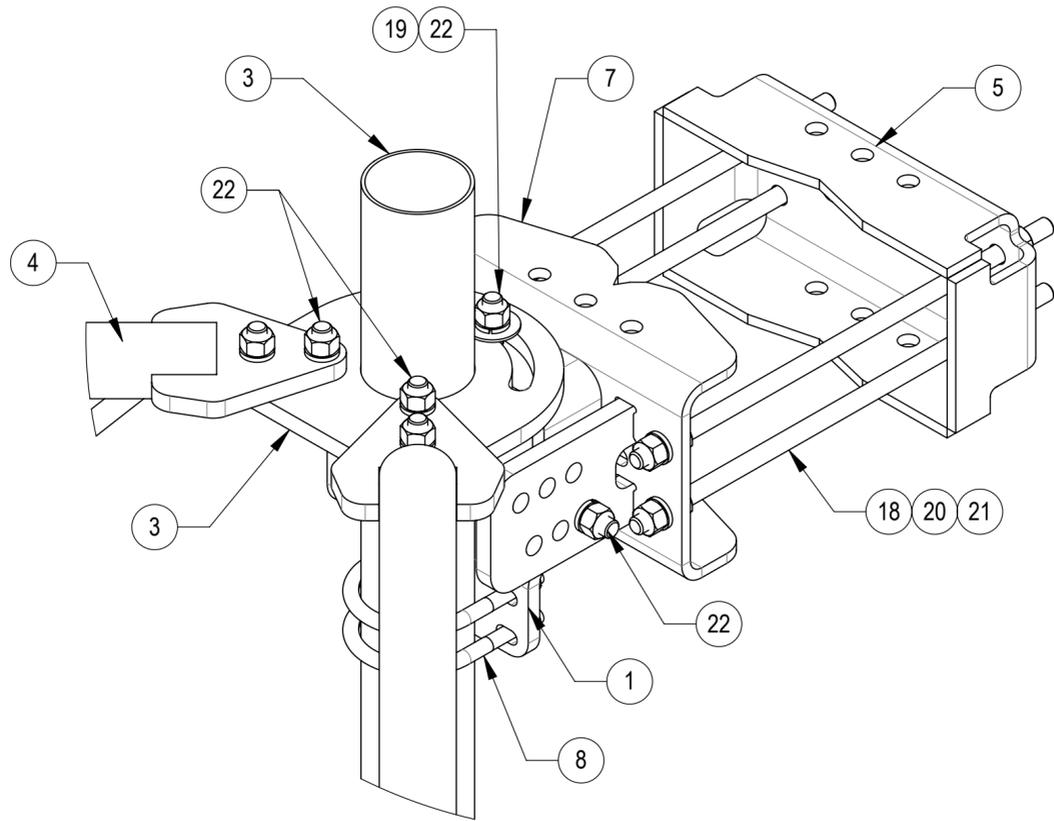
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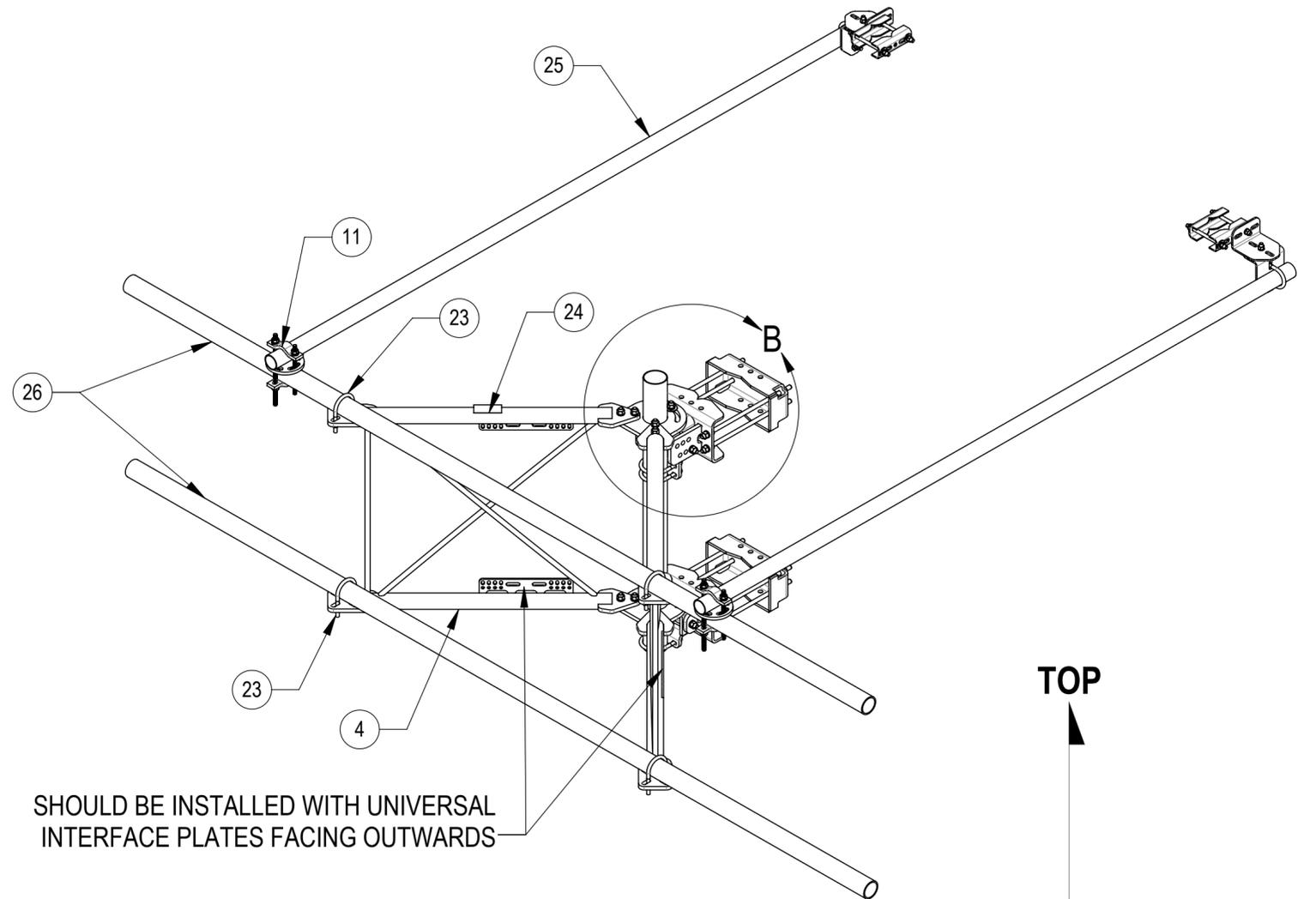
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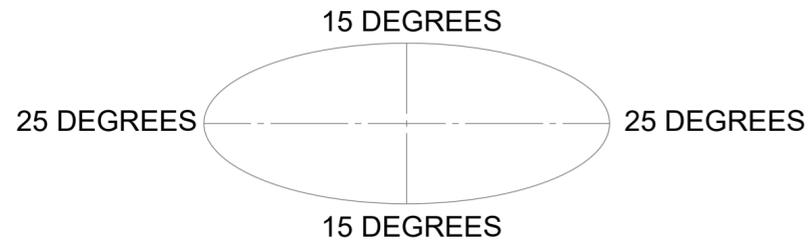
DETAIL B
SCALE 1 : 4



SHOULD BE INSTALLED WITH UNIVERSAL
INTERFACE PLATES FACING OUTWARDS

TOP
↑
↓
BOTTOM

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	SFG2386	WELDMENT, SFG2 AZIMUTH BRACKET	1	10.07 LBS	
2	SFG2397-00	WELDMENT, G23 AZIMUTH BRACKET	1	7.94 LBS	
3	SFG2270	BACK VERTICAL ARM MOUNT	1	39.26 LBS	
4	SFG2292-00	WELDMENT, V-ARM, SECTOR FRAME 22	2	49.69 LBS	
5	SFG2289	G2 RRU BACK CLAMP, HD	2	18.65 LBS	
6	SFG2381	WELDMENT, HD, LOWER TOWER LEG BRACKET	1	17.42 LBS	
7	SFG2380	WELDMENT, HD, TOP TAPER BRACKET	1	22.78 LBS	
8	GUB-4355	1/2" X 3-5/8" X 5" GALV U-BOLT	3	0.71 LBS	
9	XAU01	ANGLE, CROSSOVER, 1.9-3.5" X 1.9-3.5" OD	4	2.98 LBS	
10	GUB-4240	1/2" X 2-1/2" X 4" GALV U-BOLT	2	0.56 LBS	
11	XP-R	CROSSOVER PLATE, ROUND, UP TO 3.5" OD	2	6.20 LBS	
12	SAB01	FORMED CLAMP	4	1.35 LBS	
13	MT-379-8	1/2" X 8" GALV THREADED ROD	4	0.45 LBS	
14	GWF-04	1/2" GALV FLAT WASHER	8	0.04 LBS	
15	GWL-04	1/2" GALV LOCK WASHER	10	0.01 LBS	
16	GN-04	1/2" GALV HEX NUT	10	0.04 LBS	
17	GB-04145	1/2" X 1-1/2" GALV BOLT KIT	2	0.13 LBS	
18	MT-382-18	5/8" X 18" THREADED ROD	8	1.43 LBS	
19	GWF-05	5/8" GALV FLAT WASHER, 1.7OD	2	0.06 LBS	
20	GWL-05	5/8" GALV LOCK WASHER	16	0.03 LBS	
21	GN-05	5/8" GALV HEX NUT	24	0.08 LBS	
22	GB-05225	5/8" X 2-1/4" GALV BOLT KIT	14	0.28 LBS	
23	GUB-4352	1/2" X 3" X 5-1/4" GALV U-BOLT	4	0.71 LBS	
24	SFG2254	LABEL, SFG22HD	1	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	

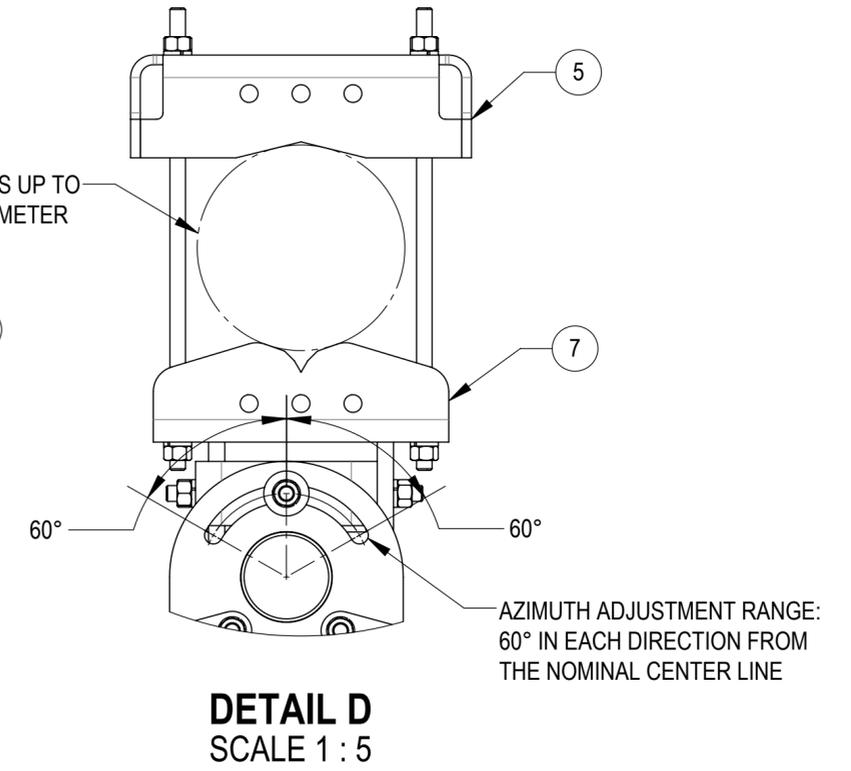
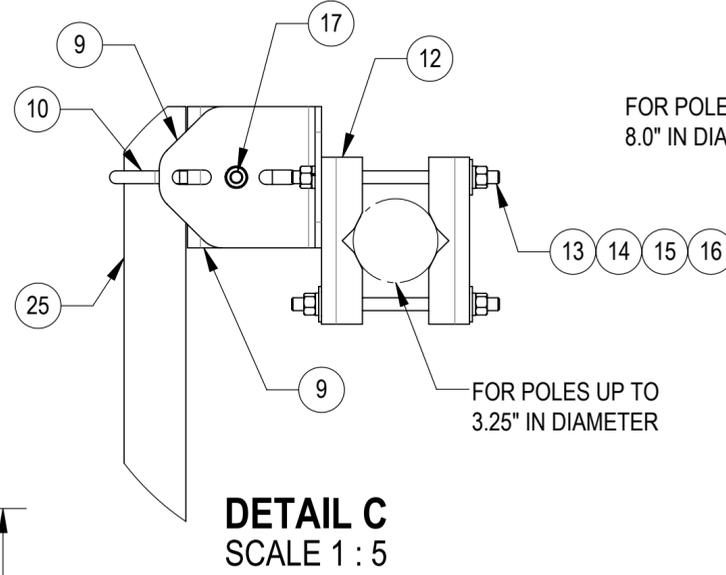
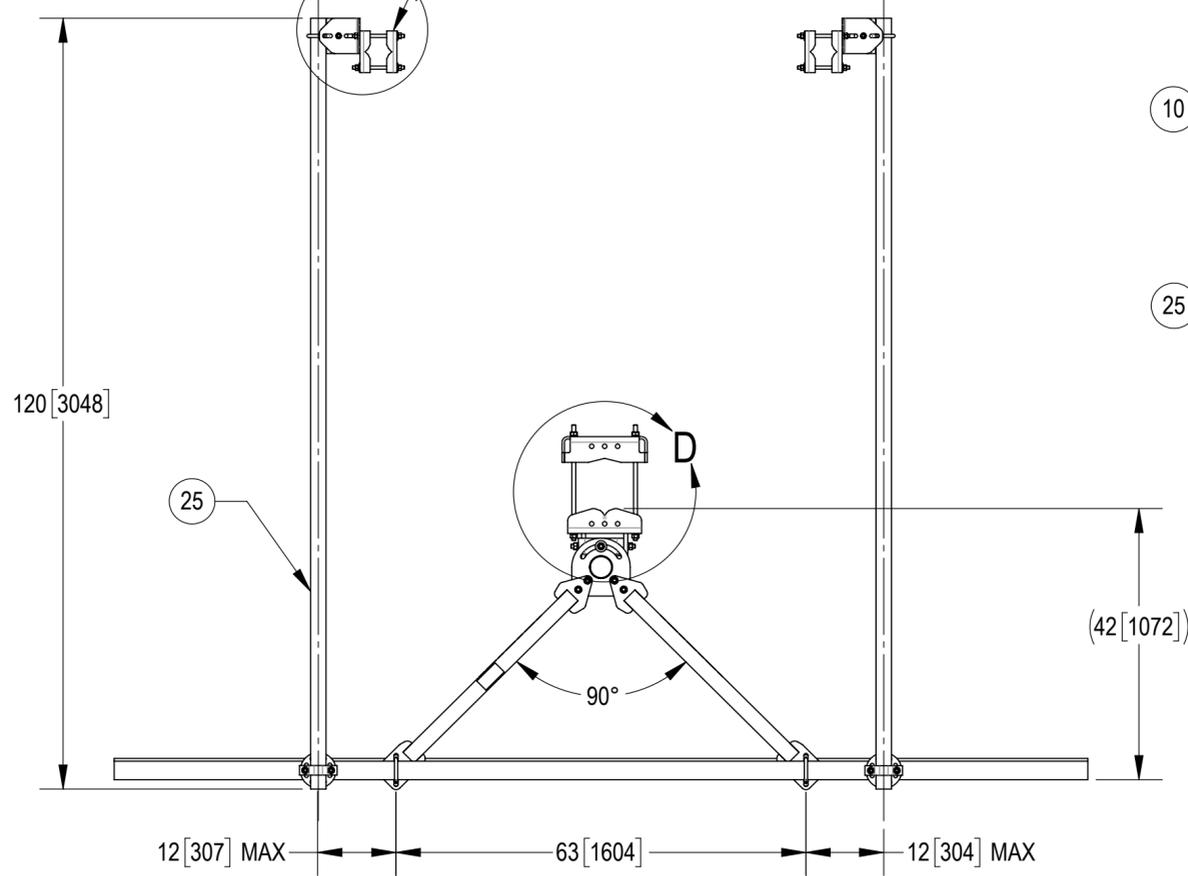
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TITLE
SECTOR FRAME 12' FACE - BASE KIT

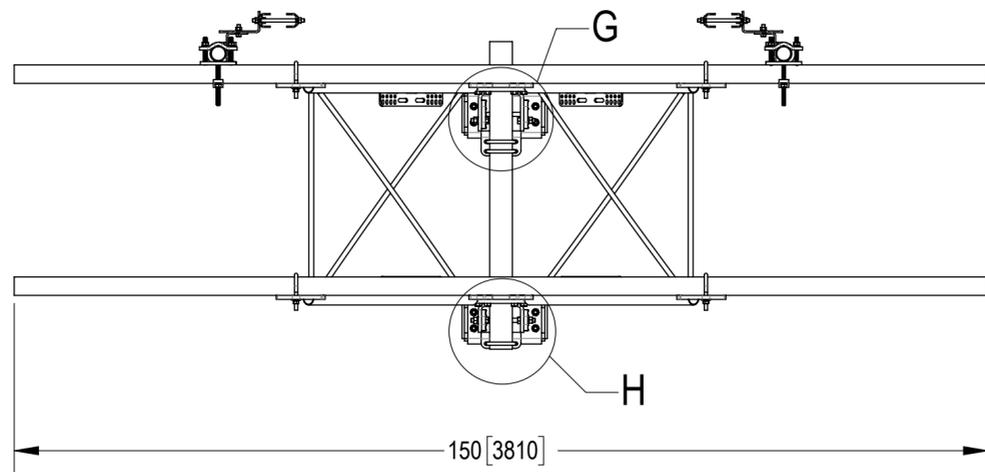
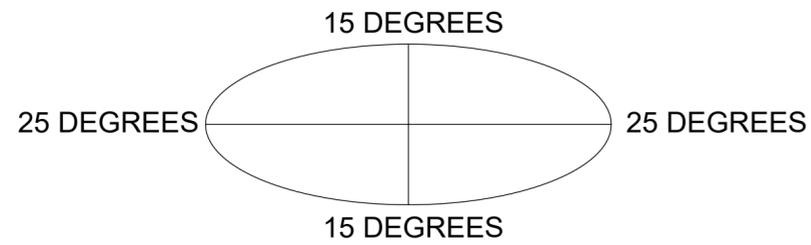
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VERSION 03	STATUS RE	REVISION E
		2 OF 6

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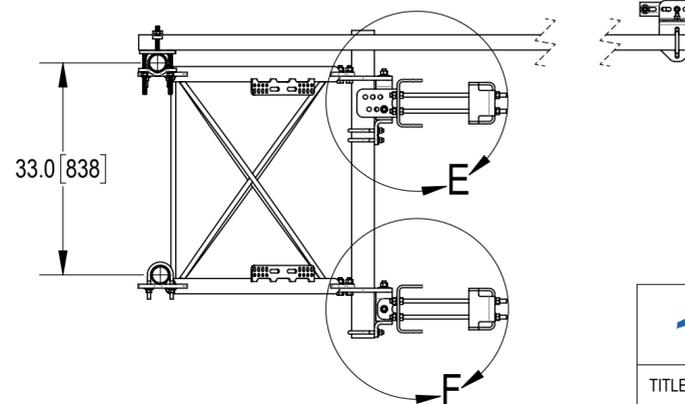
TIEBACK MUST BE CONNECTED TO A RIGID MEMBER THAT PROVIDES ADEQUATE SUPPORT WITHIN THE LIMITS NOTED IN THE TIEBACK ANGLE RANGE DETAIL. UNLESS APPROVED BY ENGINEER OF RECORD. SPINE STEM OF NEIGHBORING MOUNT IS ACCEPTABLE.



ALLOWABLE TIEBACK ANGLE
 ±15 DEGREES VERTICAL
 ±25 DEGREES HORIZONTAL

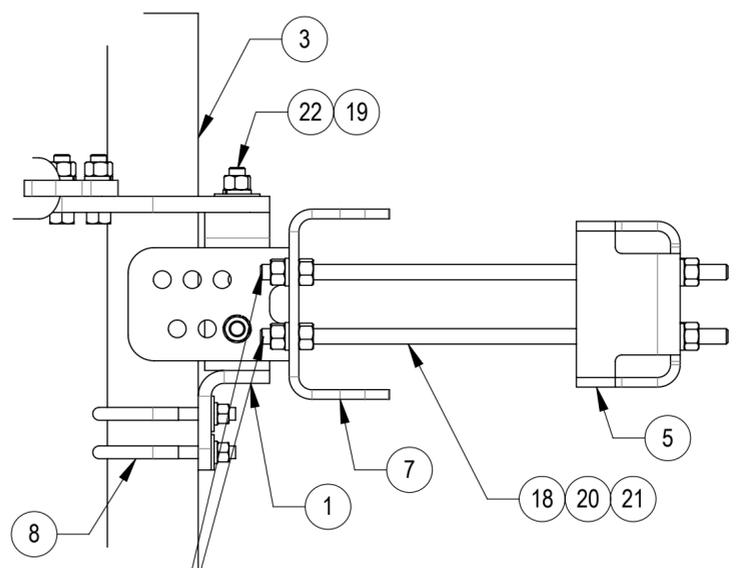


TOP
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 BOTTOM

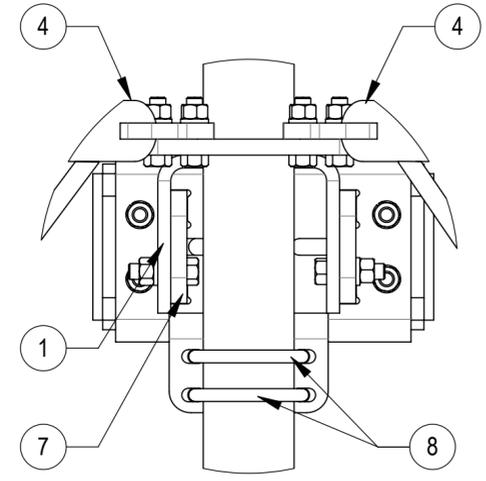


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		DRAWING		SHEET
		VERSION 03	STATUS RE	REVISION E
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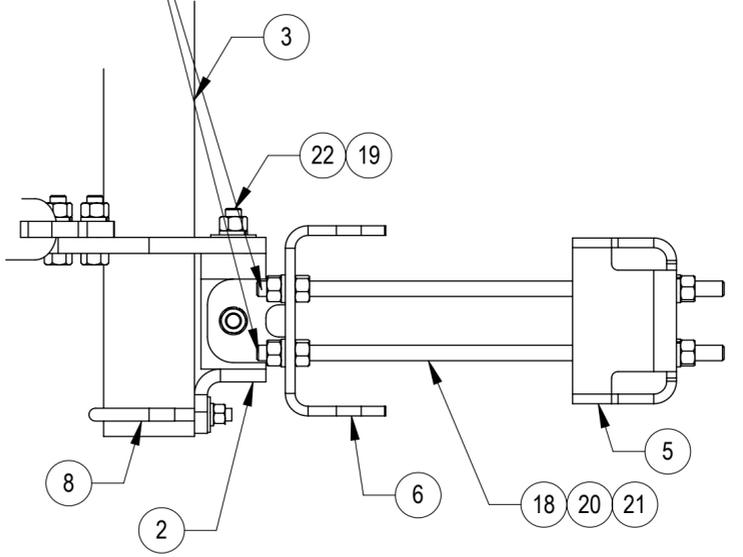


DETAIL E
SCALE 1 : 5

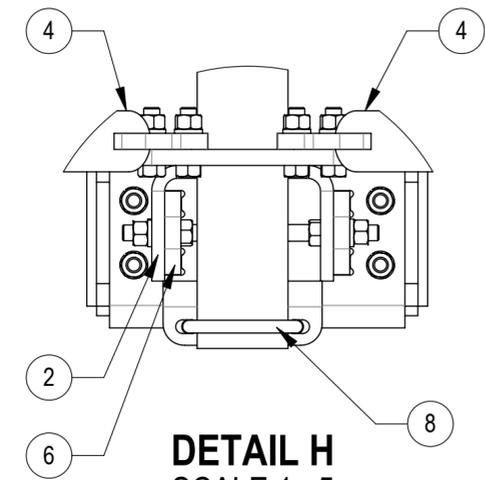


DETAIL G
SCALE 1 : 5

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 F
SCALE 1 : 5



DETAIL H
SCALE 1 : 5

				
TITLE SECTOR FRAME 12' FACE - BASE KIT				
SIZE C	SCALE 1:24	DOCUMENT NO. SFG22HD-12-B		
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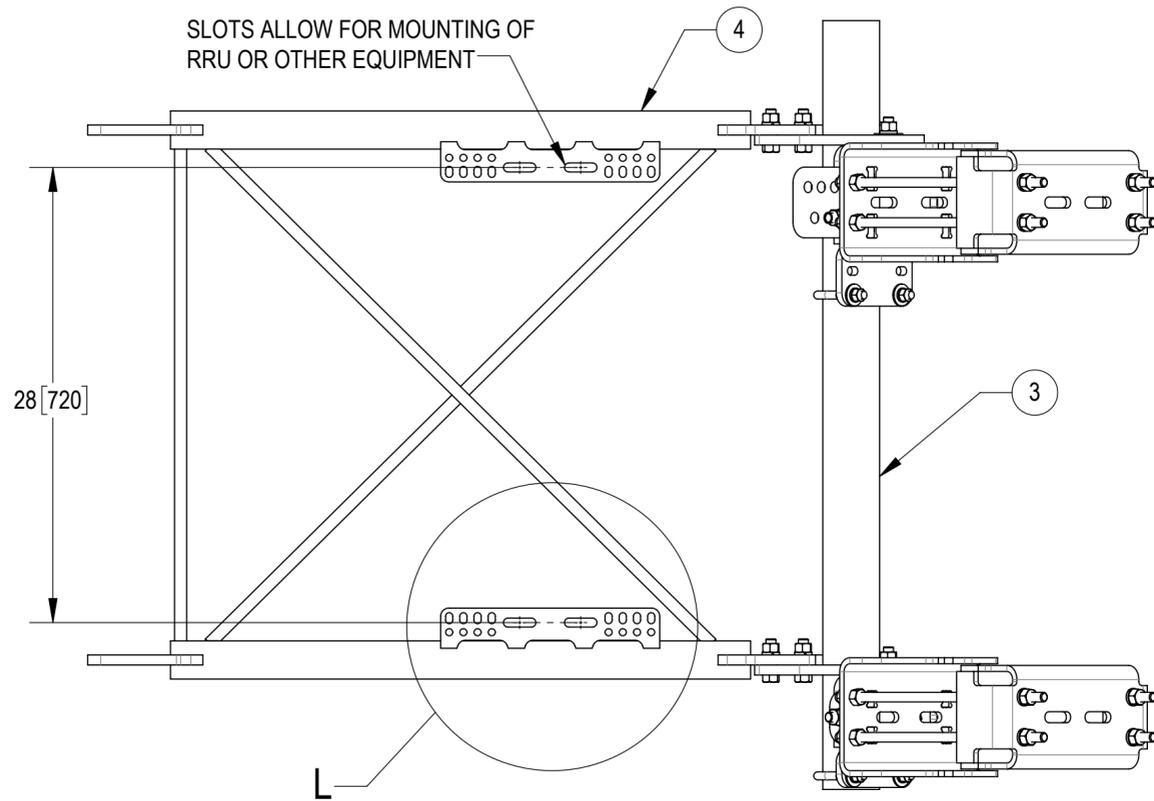
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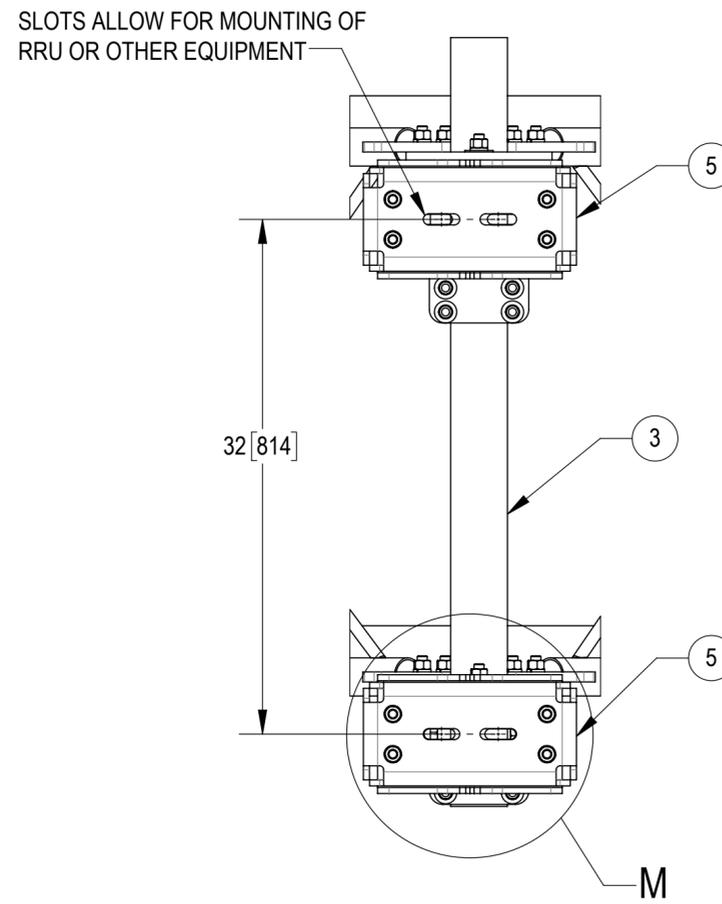
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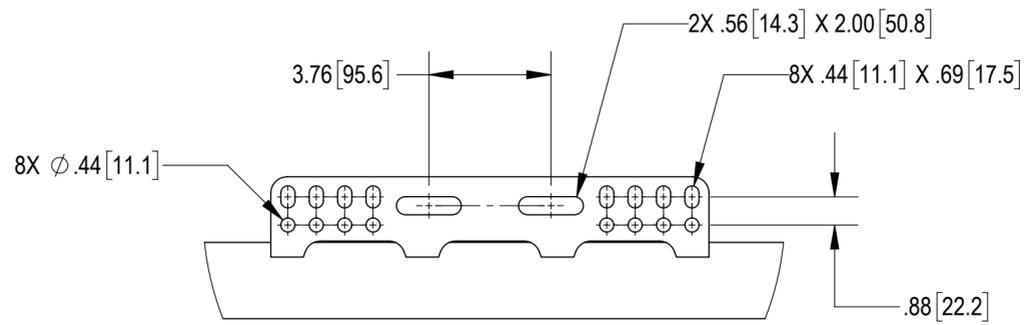
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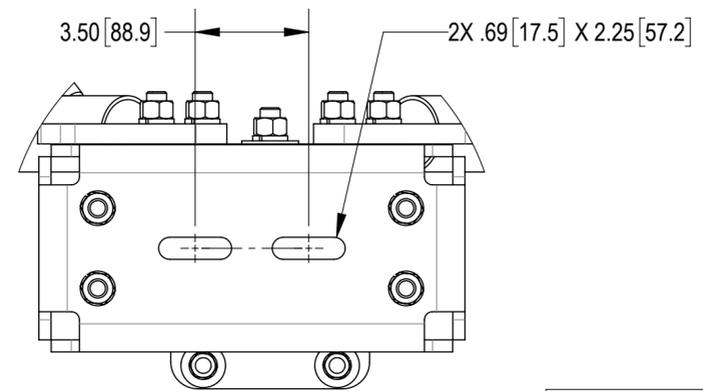
SIDE VIEW



BACK CROP VIEW



DETAIL L
SCALE 1 : 4



DETAIL M
SCALE 1 : 4



TITLE
SECTOR FRAME 12' FACE - BASE KIT

SIZE C	SCALE 1:24	DOCUMENT NO. SFG22HD-12-B
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VERSION 03	STATUS RE	REVISION E	

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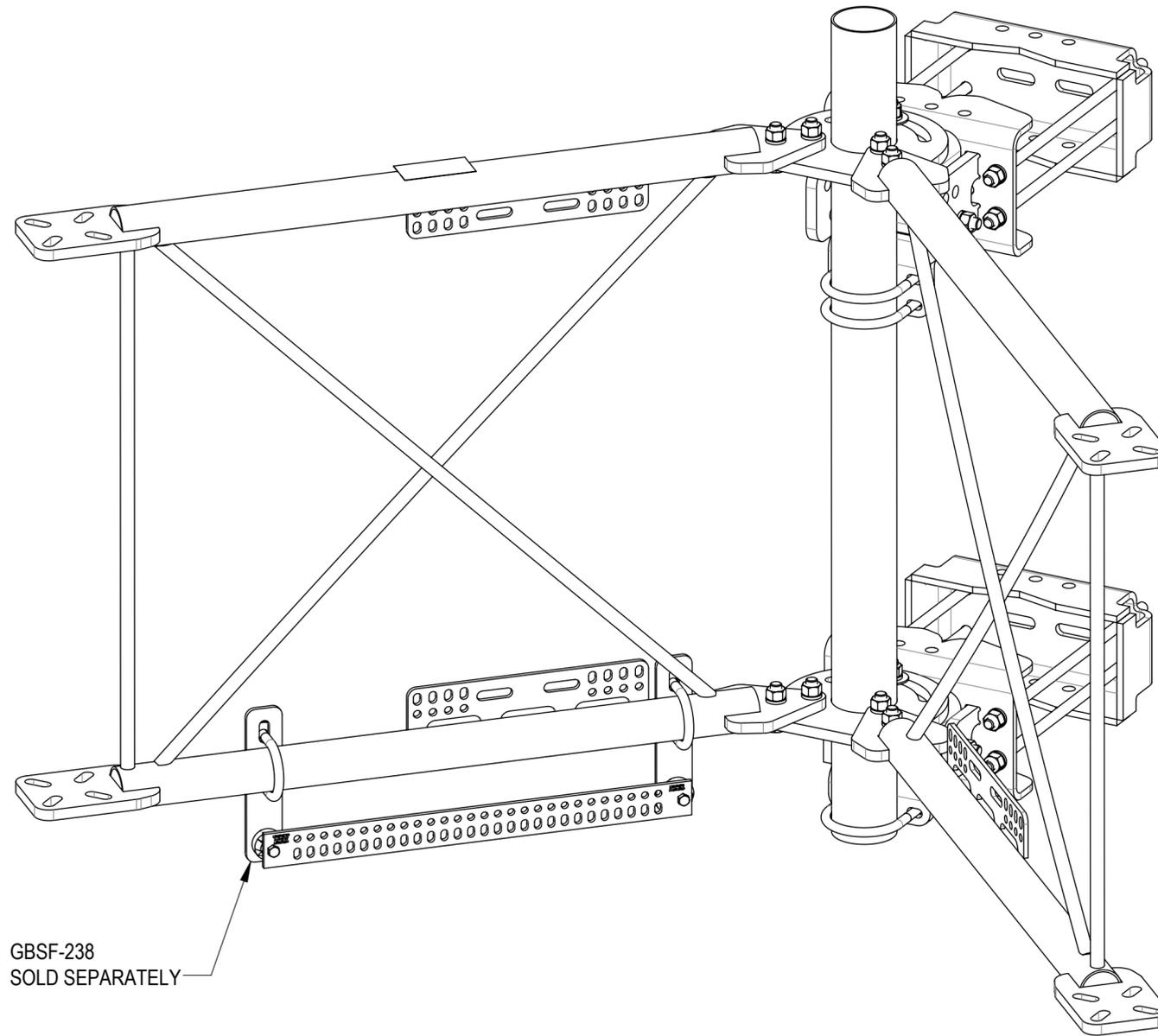
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OPTIONAL ACCESSORIES:

BUSS BAR MOUNT KIT GBSF-238 IS WELL SUITED TO BE USED SHOULD THE NEED ARISE
NOTE THAT THIS KIT DOES NOT INCLUDE THE ISOLATORS OR BUSS BAR



GBSF-238
SOLD SEPARATELY

ISO VIEW



TITLE
SECTOR FRAME 12' FACE - BASE KIT

SIZE C	SCALE 1:12	DOCUMENT NO. SFG22HD-12-B
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	DRAWING			SHEET 6 OF 6
	VERSION 03	STATUS RE	REVISION E	

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