

- 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 FITS MONOPOLES 15" TO 50" OD.
 2.3 MIN RECOMMENDED POLE THICKNESS 3/16"

3.0 MANUFACTURING/SPECIAL REQUIREMENTS

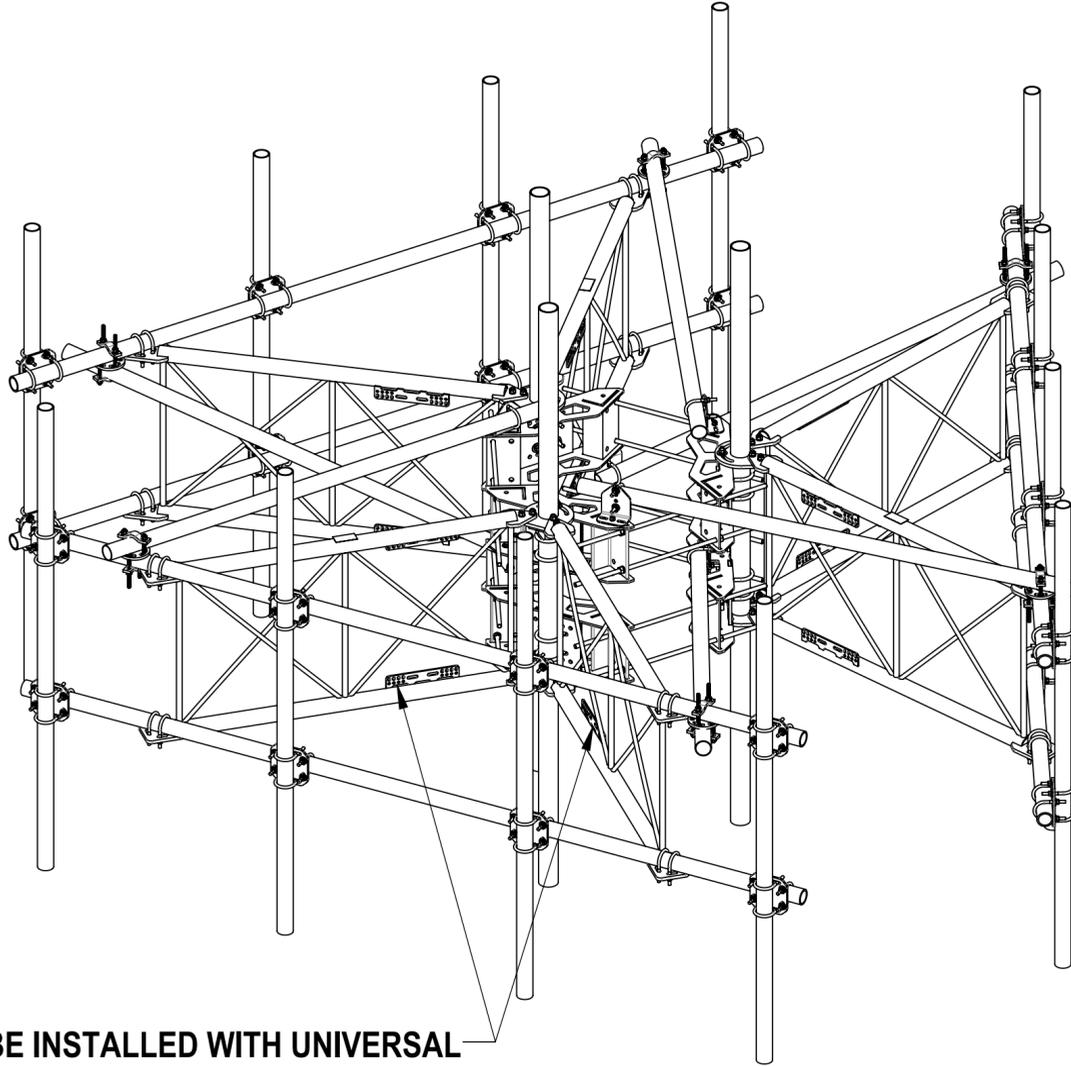
- 3.1 TIGHTEN ALL BOLTS SECURING FLAT PLATES BY THE TURN-OF-NUT METHOD. TIGHTEN ALL U-BOLTS USING TURN-OF-NUT METHOD WITH ATTENTION TO LEAVE EQUAL DISTANCE AND EQUAL FORCE ON EACH LEG OF THE U-BOLT.

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
A	INITIAL RELEASE	RY1002 29NOV23	YC1015 40182550CMO
B	UPDATED SFG23180-00 TO ADD UNIVERSAL INTERFACE PLATES	RY1002 25JUL24	XK1001 40200655CMO



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

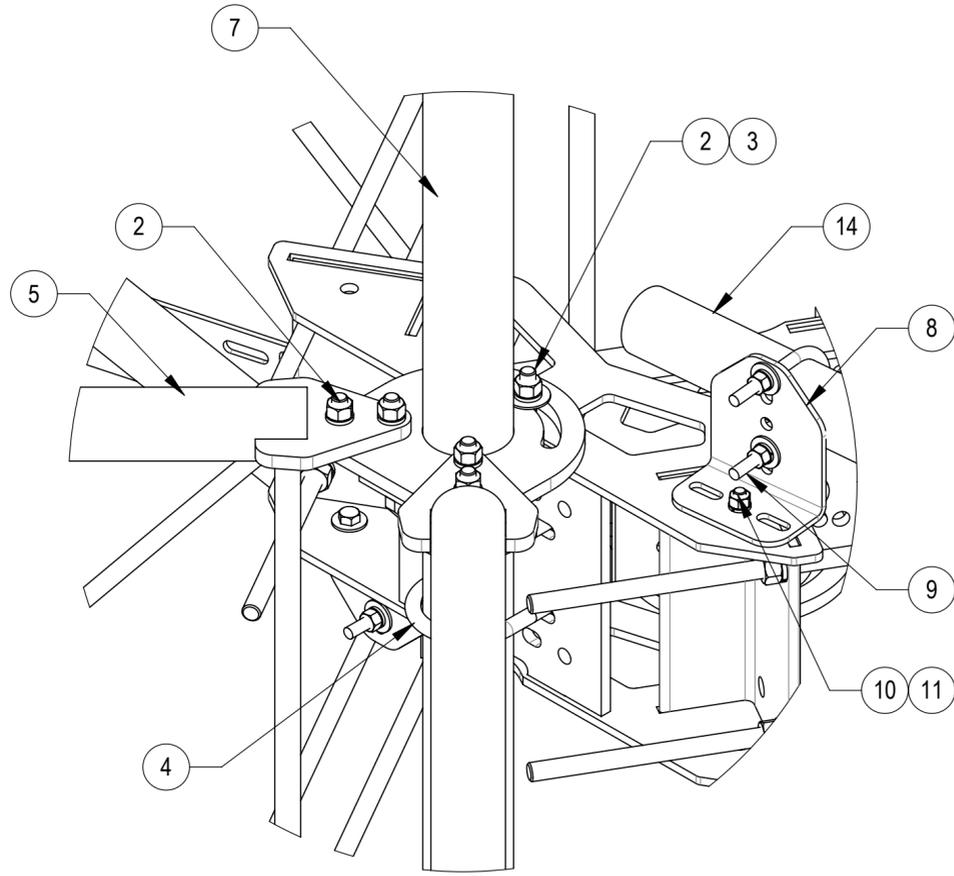


ANDREW® an Amphenol company

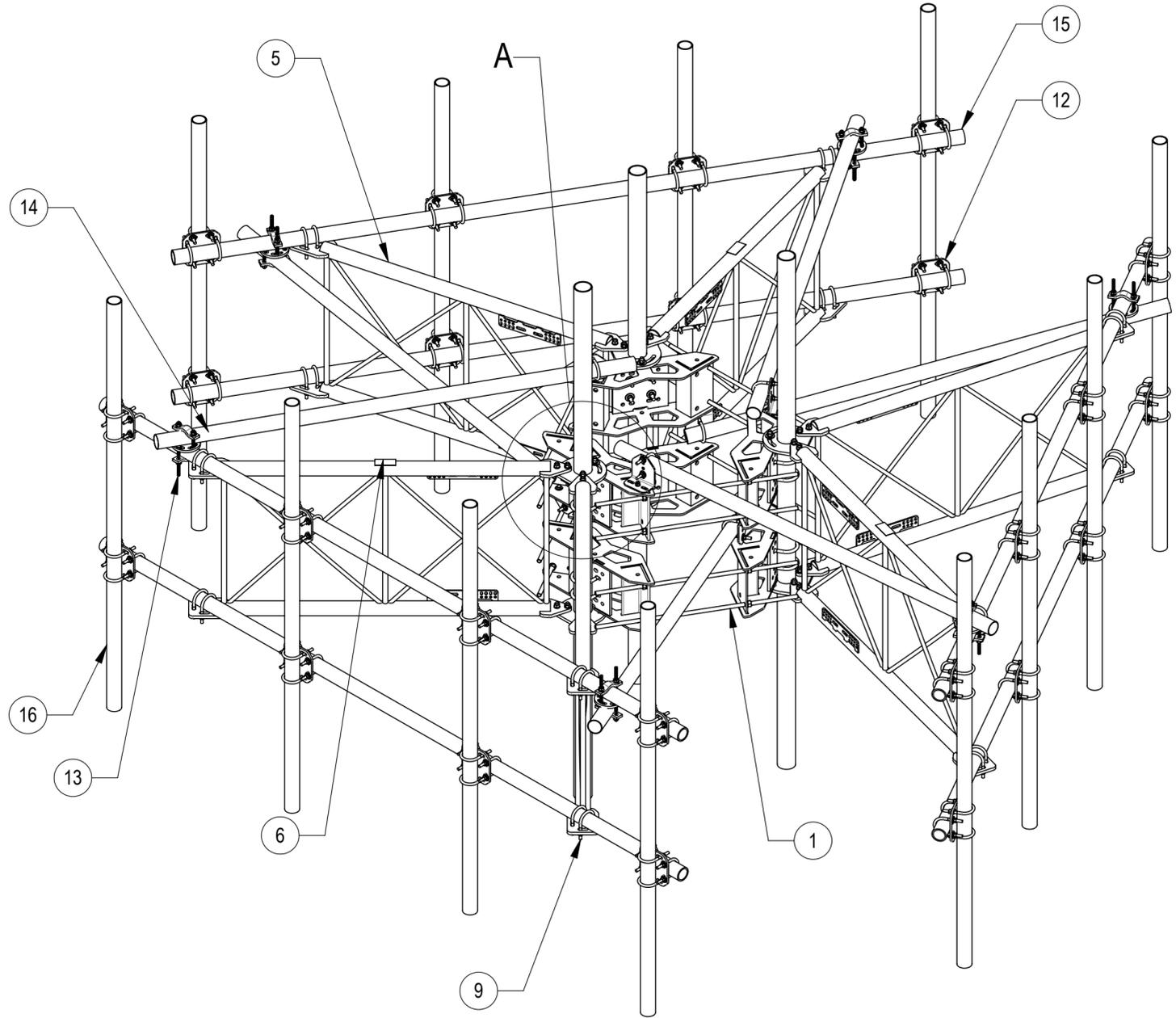
TOLERANCES		SAP MATERIAL MASTER	
1 PLACE .X[X] ± 0.2[6.3]	3 PLACE .XXX[X] ± 0.060[1.5]	MCG23RHDXL-13M1296	
2 PLACE .XX[X] ± 0.12[3.0]	ANGLES ± 2°		
FINISH		MATERIAL	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES INTERPRET PER ANSI Y 14.5M-1994		NAME	DATE
		CE RY1002	29NOV23
		RW YC1059	06/18/2025
		AD YMENG	06/18/2025
		RE YMENG	06/18/2025
ECN 40200655CMO		MONO 3 SCTR FR 13' FACE,(12) 96" ANT	
SCALE		DOCUMENT NO.	
1:23		MCG23RHDXL-13M1296	
SIZE	Auth Group	INSL	MODEL
C			
VERSION		DRAWING	
02	RE	REVISION	01
		STATUS	RE
		REVISION	B
			SHEET
			1 OF 5

DENSITY		lbs/in³
MASS	3128.61	lbs
VOLUME	20303.38	in³
SURFACE AREA	129192.86	in²
HEIGHT	120"	
LENGTH	209"	
WIDTH	190"	

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DETAIL A
SCALE 1 : 5



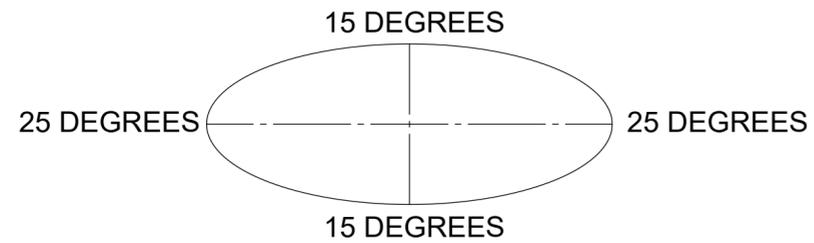
TOP
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BOTTOM

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	MC-RM1550-3	15" - 50" OD RINGMOUNT	2	229.90 LBS	
2	GB-05225	5/8" X 2-1/4" GALV BOLT KIT	30	0.28 LBS	
3	GWF-05	5/8" GALV FLAT WASHER, 1.7OD	6	0.06 LBS	
4	GUB-53560	5/8" X 3-5/8" X 6" GALV U-BOLT	12	1.30 LBS	
5	SFG23180-00	ARM, STANDOFF, SFG23	6	123.29 LBS	
6	SFG23100	LABEL, SFG23RHDXL	3	0.03 LBS	
7	SFG2204	WELDMENT, BACK VERTICAL ARM MOUNT	3	97.29 LBS	
8	XAU01	ANGLE, CROSSOVER, 1.9-3.5" X 1.9-3.5" OD	6	2.98 LBS	
9	GUB-4352	1/2" X 3" X 5-1/4" GALV U-BOLT	30	0.71 LBS	
10	GB-04145	1/2" X 1-1/2" GALV BOLT KIT	6	0.13 LBS	
11	GWF-04	1/2" GALV FLAT WASHER	6	0.04 LBS	
12	XP-2525	CROSSOVER PLATE KIT, 2-7/8 OD X 2-7/8 OD	24	8.37 LBS	
13	XP-R	CROSSOVER PLATE, ROUND, UP TO 3.5" OD	6	6.20 LBS	
14	MT54696120	PIPE, 2.875"OD X 96"	6	28.35 LBS	
15	MT546156276	PIPE, 2.875"OD X 156"	6	99.95 LBS	
16	MT54696	PIPE, 2.875"OD X 96"	12	45.96 LBS	

ALLOWABLE TIEBACK ANGLE

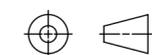
±15 DEGREES VERTICAL
±25 DEGREES HORIZONTAL



TITLE
MONO 3 SCTR FR 13' FACE,(12) 96" ANT

SIZE **C** SCALE **1:20** DOCUMENT NO.
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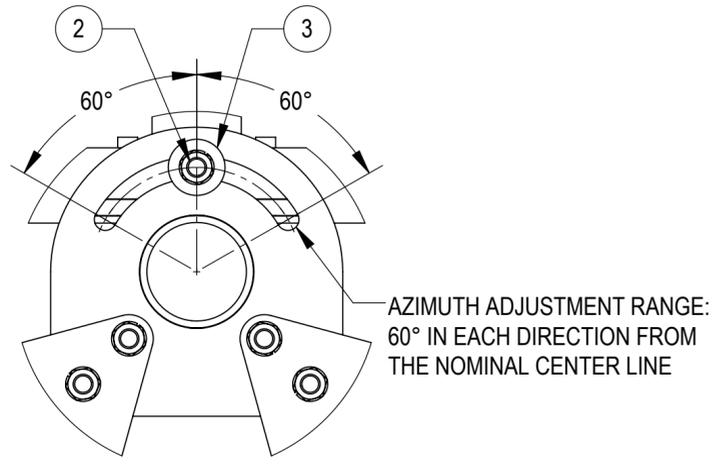
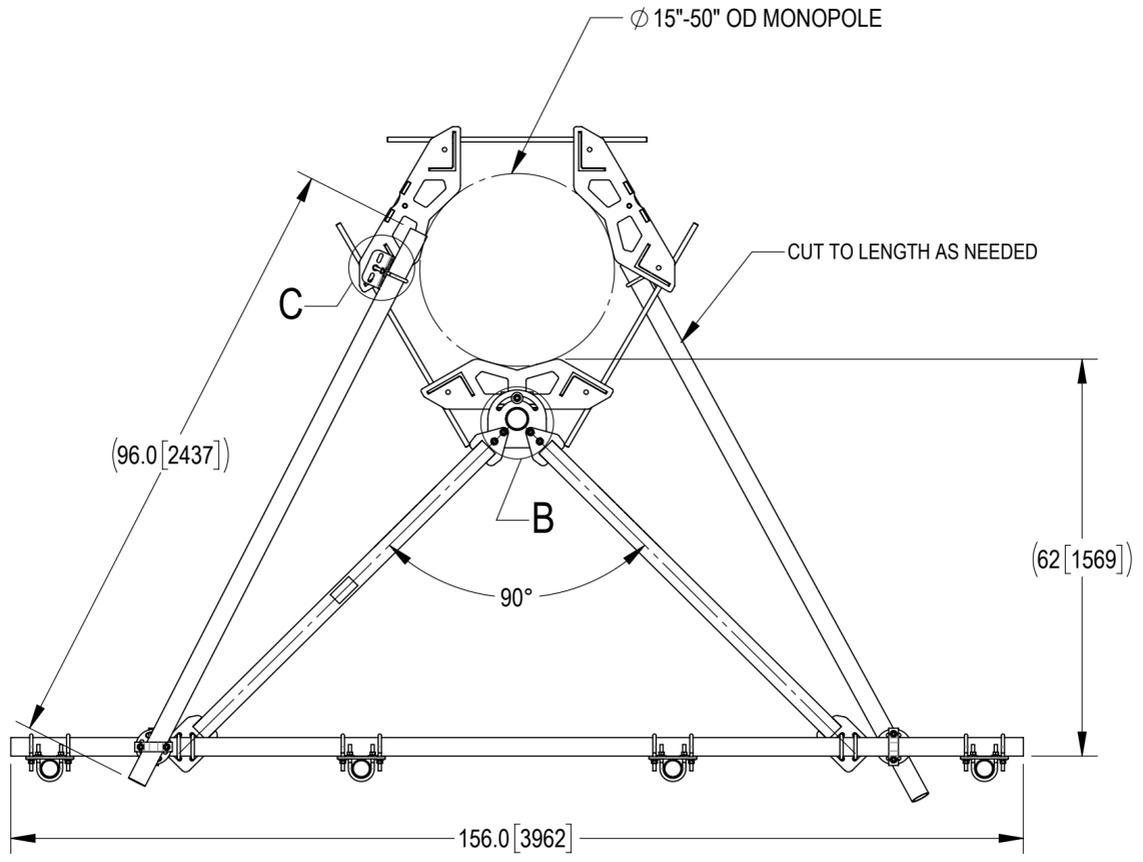
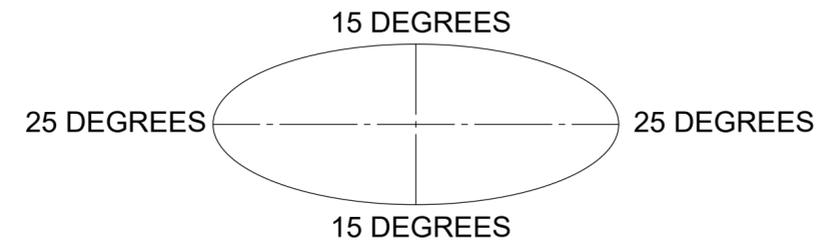
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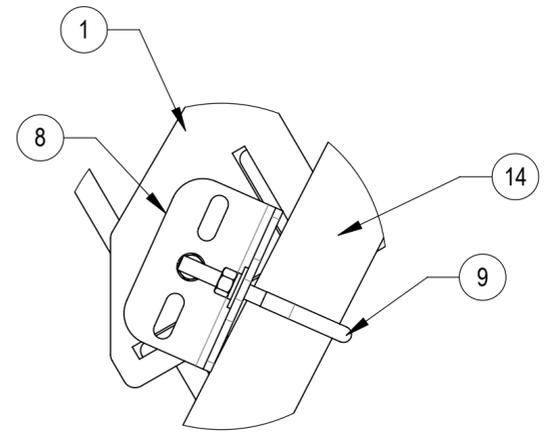
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ALLOWABLE TIEBACK ANGLE

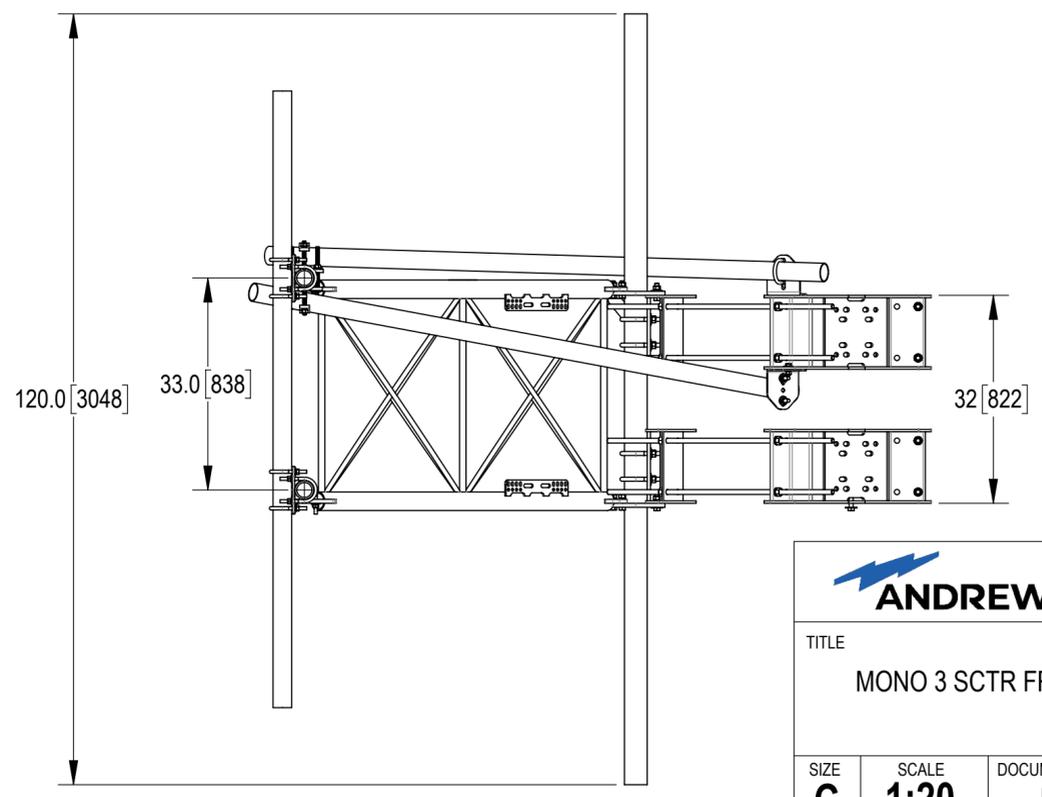
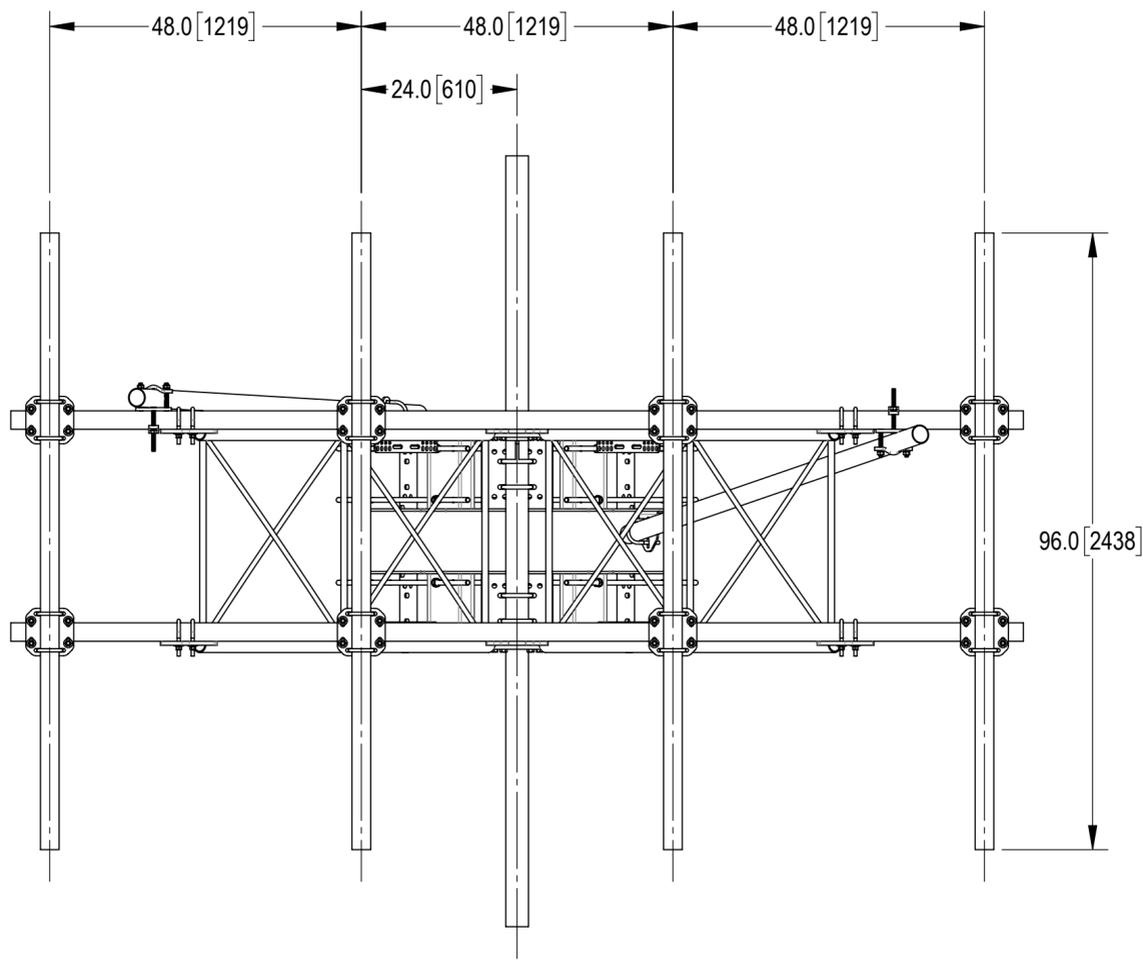
± 15 DEGREES VERTICAL
± 25 DEGREES HORIZONTAL



DETAIL B
SCALE 1 : 4



DETAIL C
SCALE 1 : 4



TITLE
MONO 3 SCTR FR 13' FACE, (12) 96" ANT

SIZE C	SCALE 1:20	DOCUMENT NO. MCG23RHDXL-13M1296
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DRAWING			SHEET 3 OF 5
VERSION	STATUS	REVISION	
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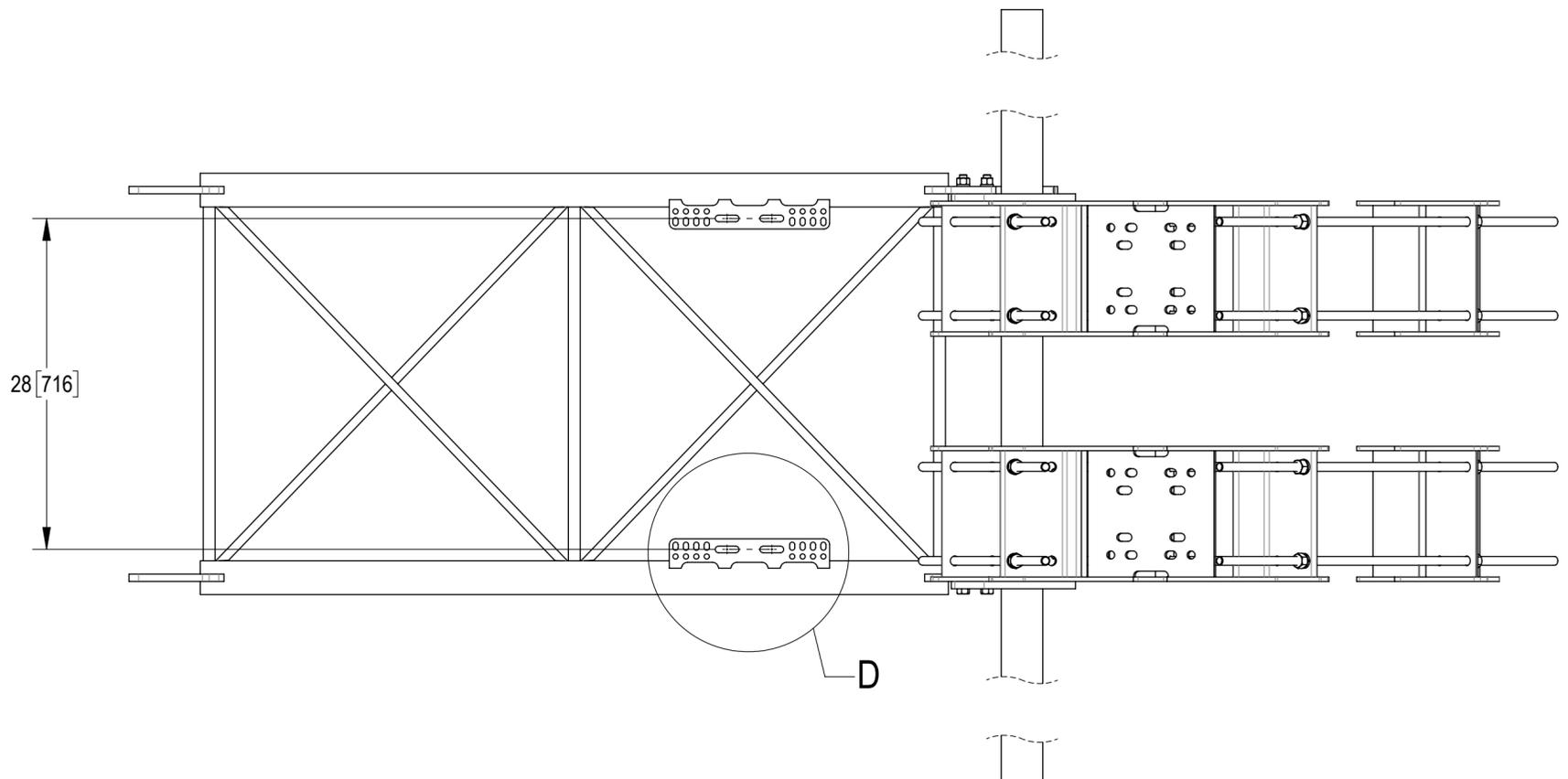
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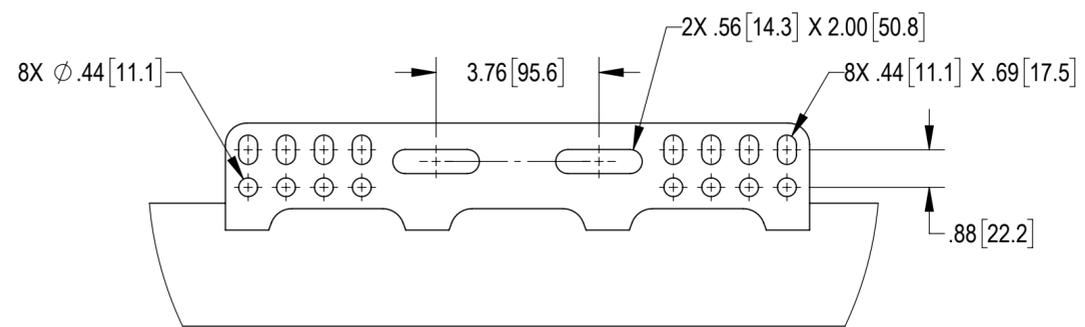
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SIDE VIEW



DETAIL D
SCALE 1 : 3



TITLE
MONO 3 SCTR FR 13' FACE,(12) 96" ANT

SIZE C	SCALE 1:10	DOCUMENT NO. MCG23RHDXL-13M1296
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 	DRAWING			SHEET 4 OF 5
	VERSION 01	STATUS RE	REVISION B	

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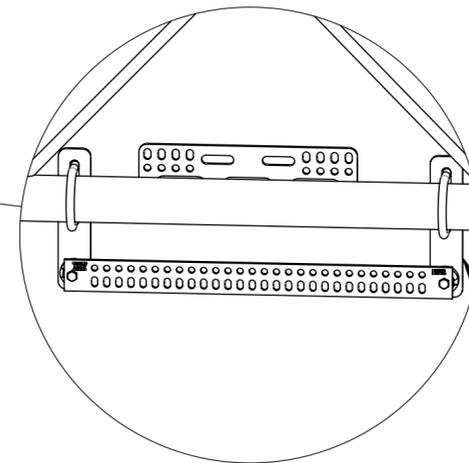
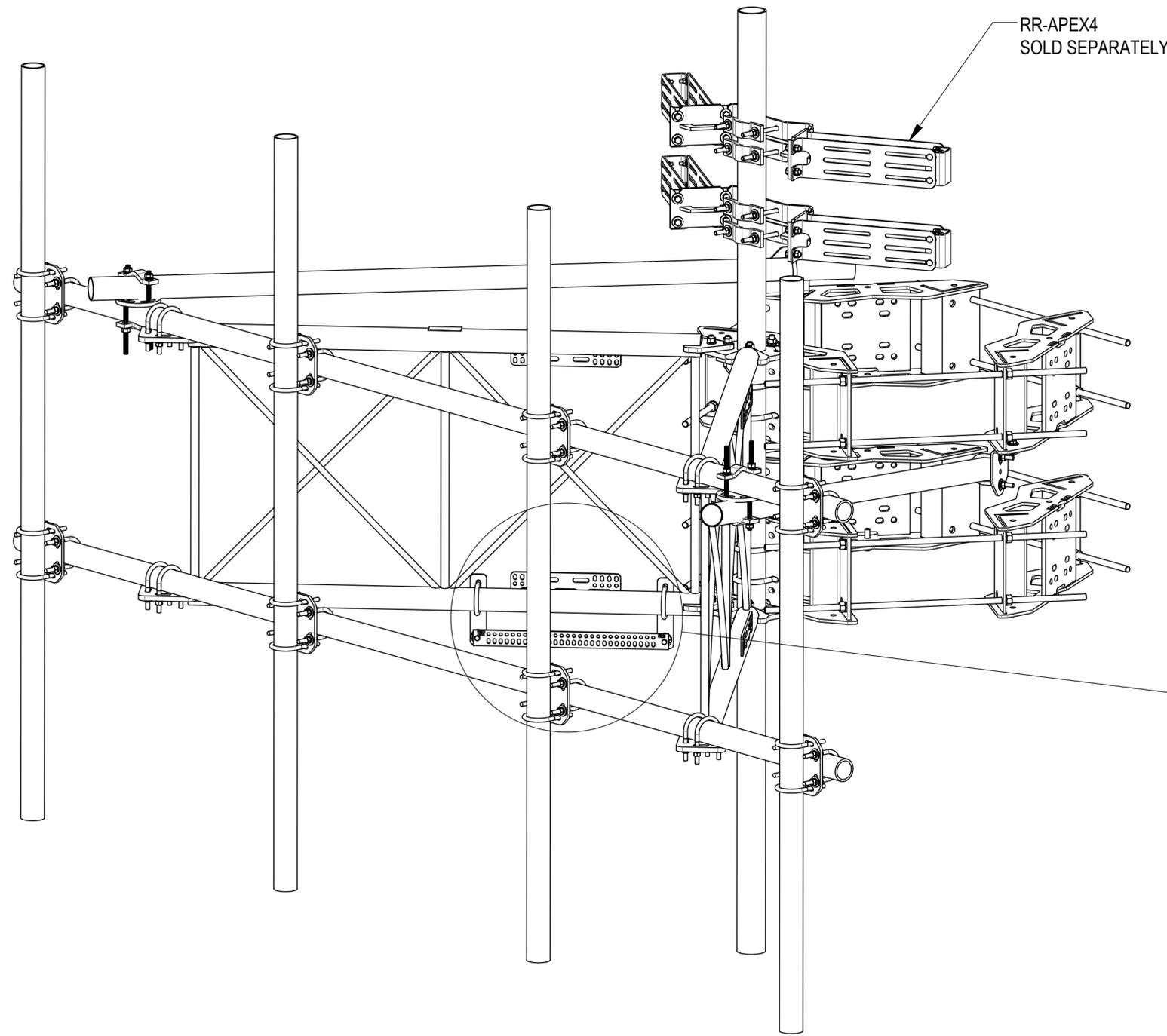
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OPTIONAL ACCESSORIES:



DETAIL H
SCALE 1 : 8

				
TITLE				
MONO 3 SCTR FR 13' FACE,(12) 96" ANT				
SIZE	SCALE	DOCUMENT NO.		
C	1:12	MCG23RHDXL-13M1296		
 	DRAWING			SHEET
	VERSION	STATUS	REVISION	5 OF 5
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