

- 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.

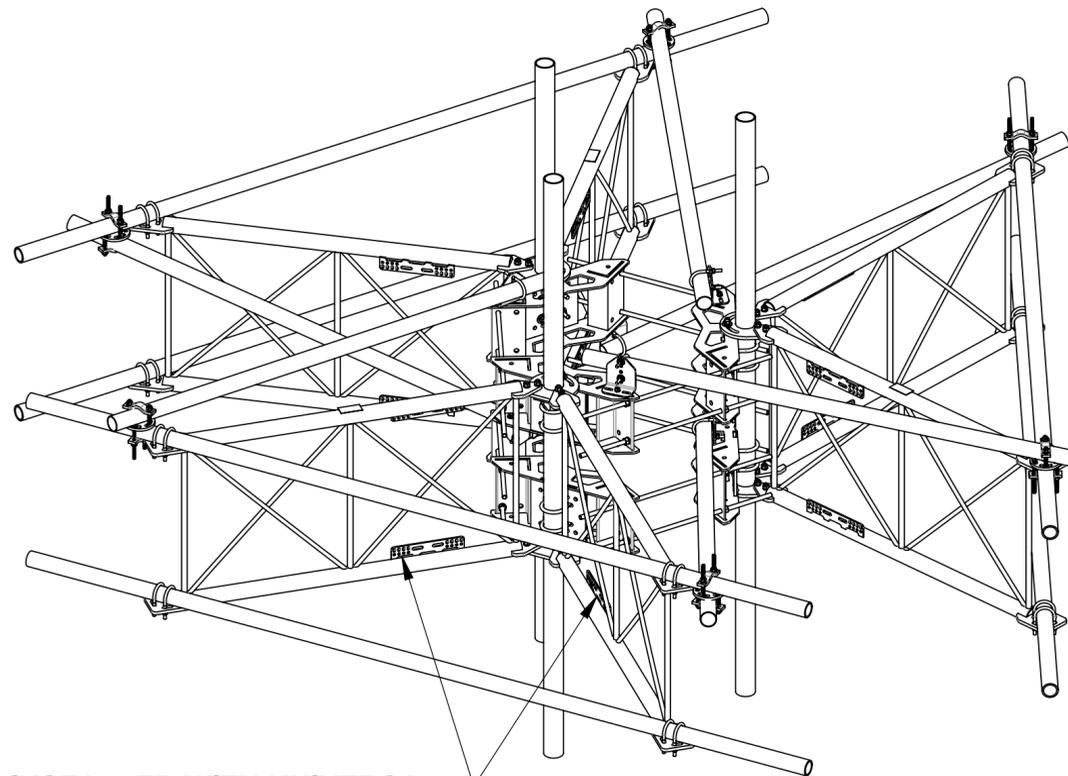
- 2.2 FITS MONOPOLES 15" TO 50" OD.
 2.3 MIN RECOMMENDED POLE THICKNESS 3/16"

- 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-13MB			
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	MONO 3 SCTR FR 13' FACE,NO AP	
		CE RY1002	29NOV23		
		RW YC1059	06/18/2025		
		AD YMENG	06/18/2025		
		RE YMENG	06/18/2025	SCALE	DOCUMENT NO.
ECN 40200655CMO	1:23				
SIZE	Auth Group	INSL	MODEL	DRAWING	SHEET
C			VERSION STATUS REVISION	VERSION STATUS REVISION	1 OF 5
			02 RE C	01 RE B	

DENSITY	lbs/in ³
MASS	2376.18 lbs
VOLUME	17652.78 in ³
SURFACE AREA	103789.18 in ²
HEIGHT	120"
LENGTH	209"
WIDTH	190"

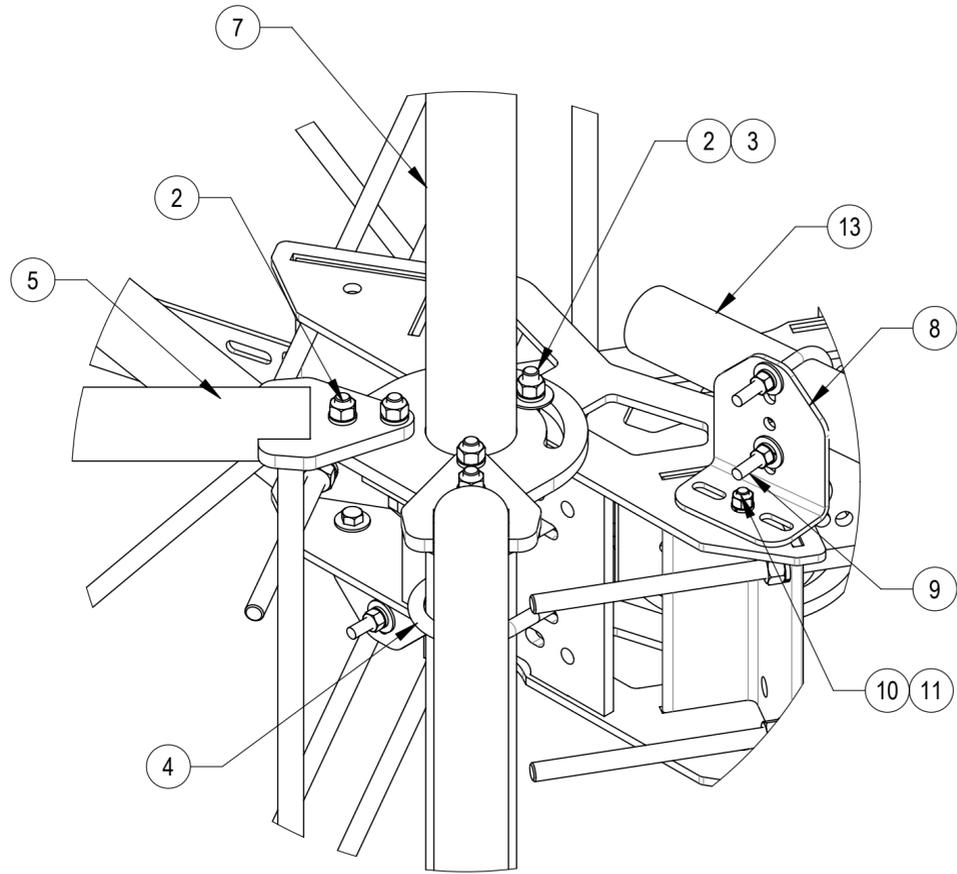
Confidential

4

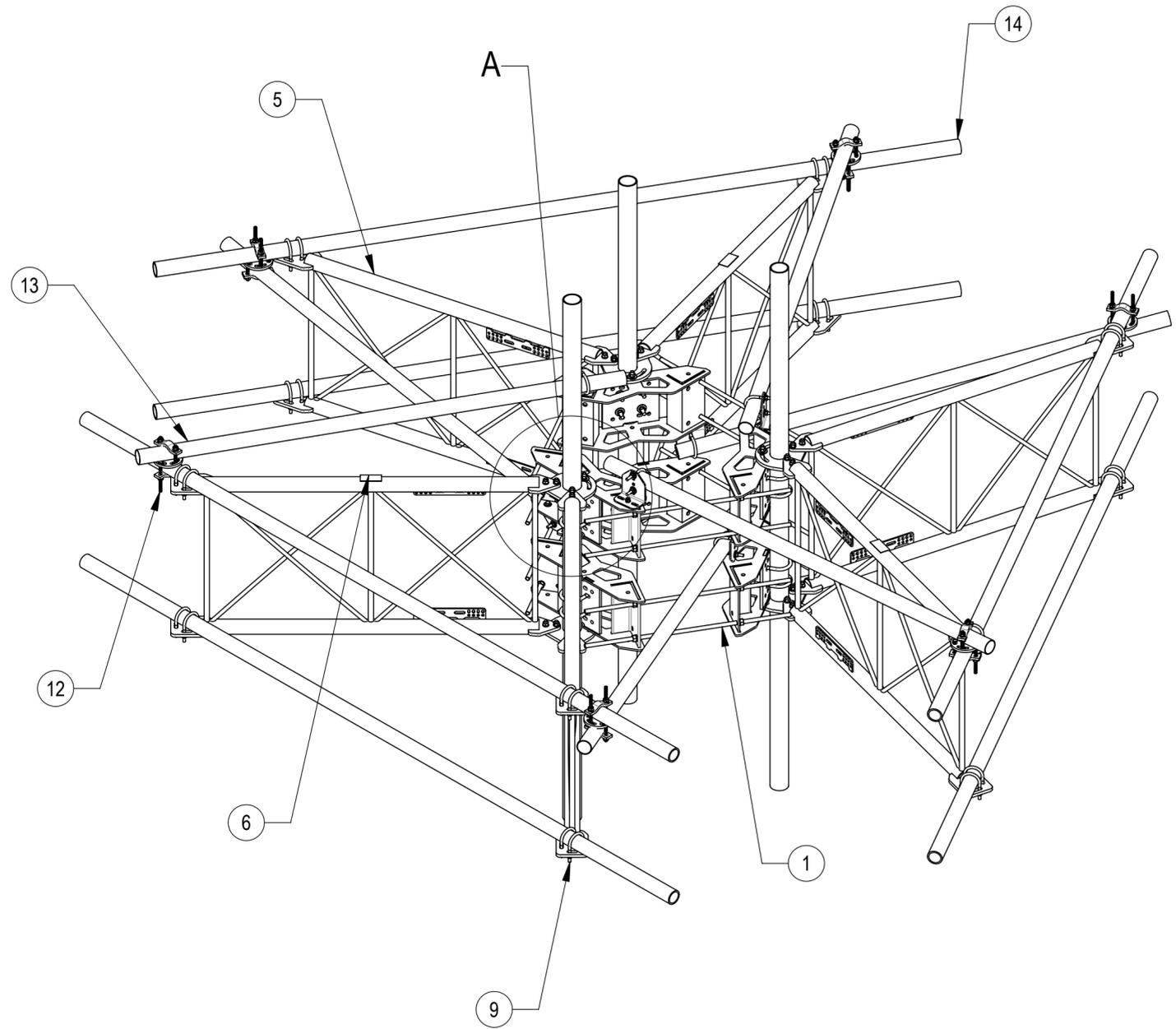
3

2

1



DETAIL A
SCALE 1 : 5



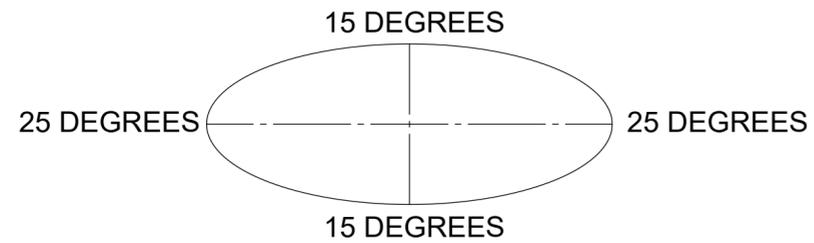
TOP
↑
↓
BOTTOM

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	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, SFG23RDXL	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-R	CROSSOVER PLATE, ROUND, UP TO 3.5" OD	6	6.20 LBS	
13	MT54696120	PIPE, 2.875"OD X 96"	6	28.35 LBS	
14	MT546156276	PIPE, 2.875"OD X 156"	6	99.95 LBS	

ALLOWABLE TIEBACK ANGLE

±15 DEGREES VERTICAL
±25 DEGREES HORIZONTAL



TITLE
MONO 3 SCTR FR 13' FACE,NO AP

SIZE **C** SCALE **1:20** DOCUMENT NO. **MCG23RDXL-13MB**

DRAWING			SHEET 2 OF 5
VERSION	STATUS	REVISION	
01	RE	B	

Confidential

4

3

2

1

4

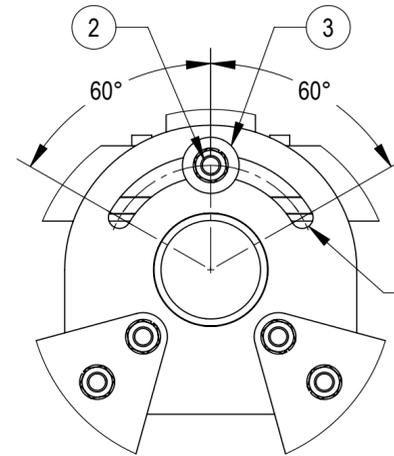
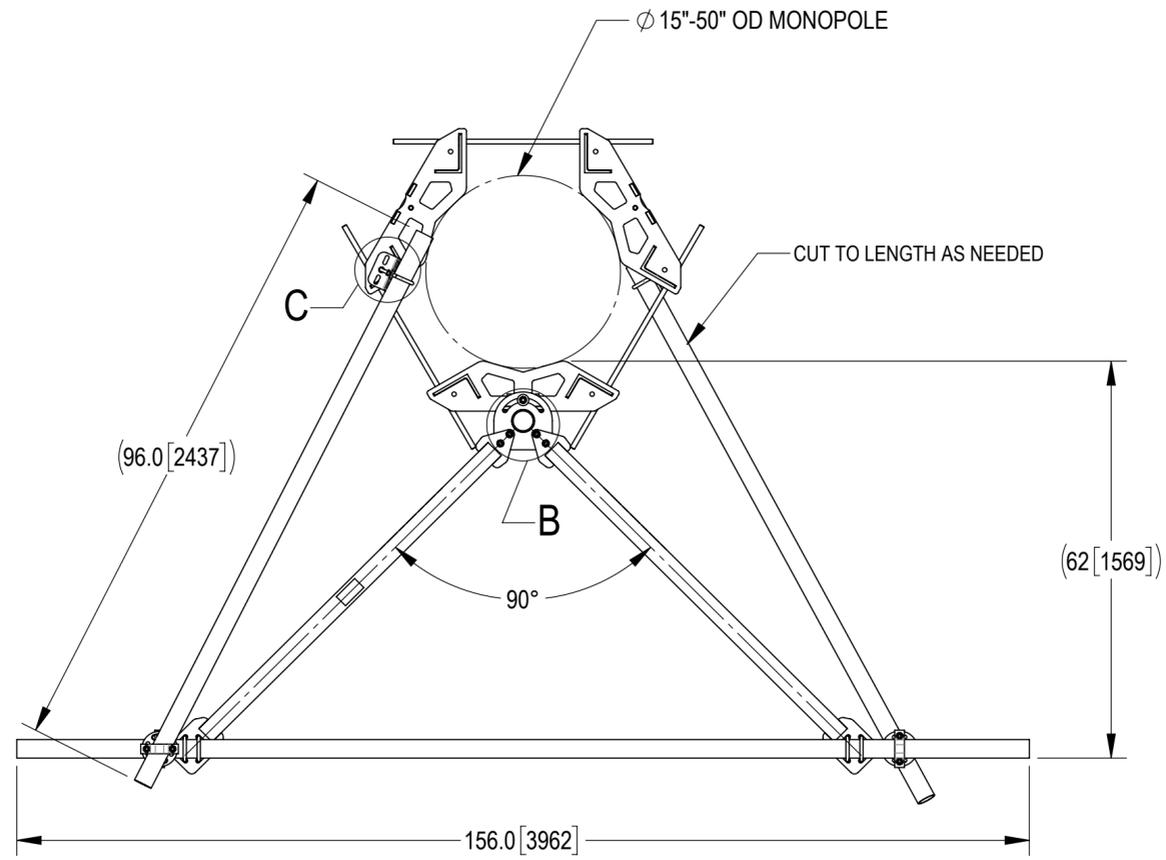
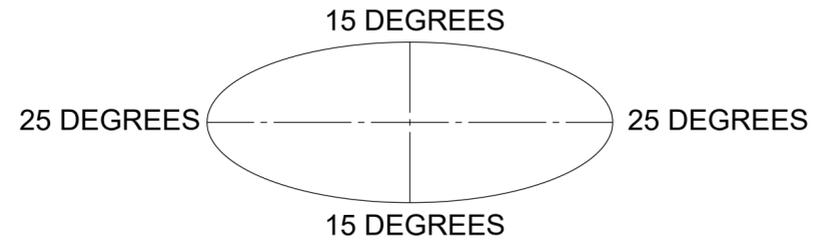
3

2

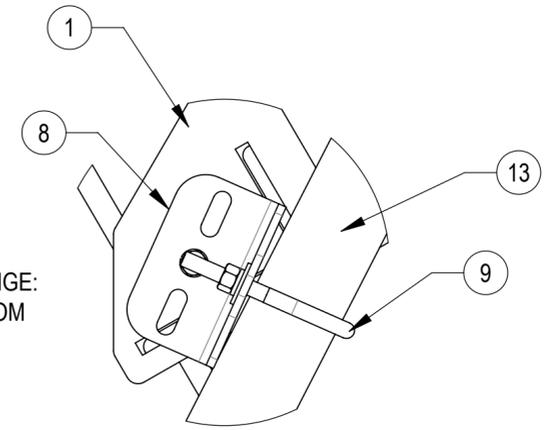
1

ALLOWABLE TIEBACK ANGLE

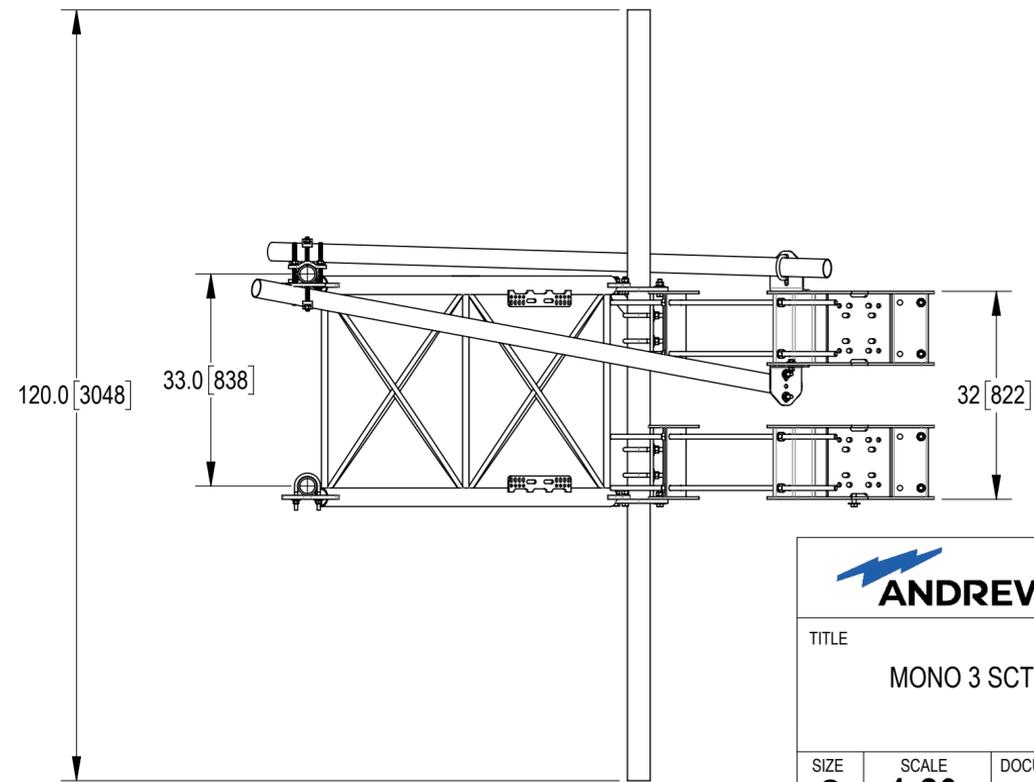
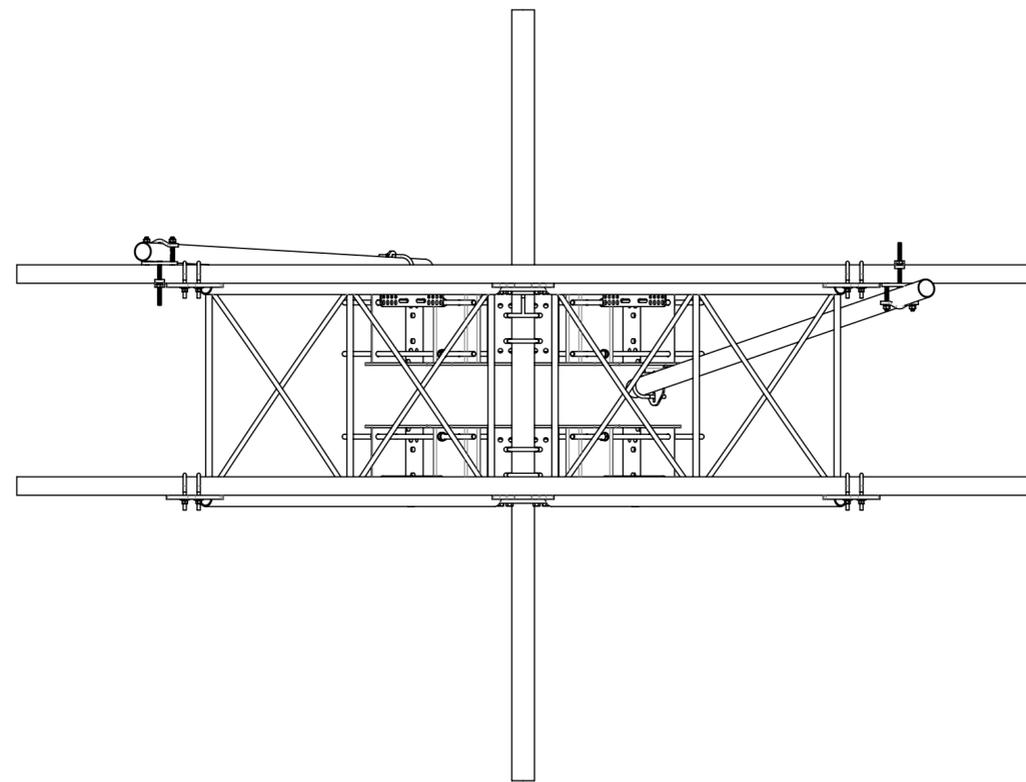
± 15 DEGREES VERTICAL
± 25 DEGREES HORIZONTAL



DETAIL B
SCALE 1 : 4



DETAIL C
SCALE 1 : 4



TOP

BOTTOM

ANDREW an Amphenol company

TITLE
MONO 3 SCTR FR 13' FACE,NO AP

SIZE C	SCALE 1:20	DOCUMENT NO. MCG23RHDXL-13MB
------------------	----------------------	---------------------------------

DRAWING	VERSION	STATUS	REVISION	SHEET 3 OF 5
	01	RE	B	

Confidential

4

3

2

1

D

D

C

C

B

B

A

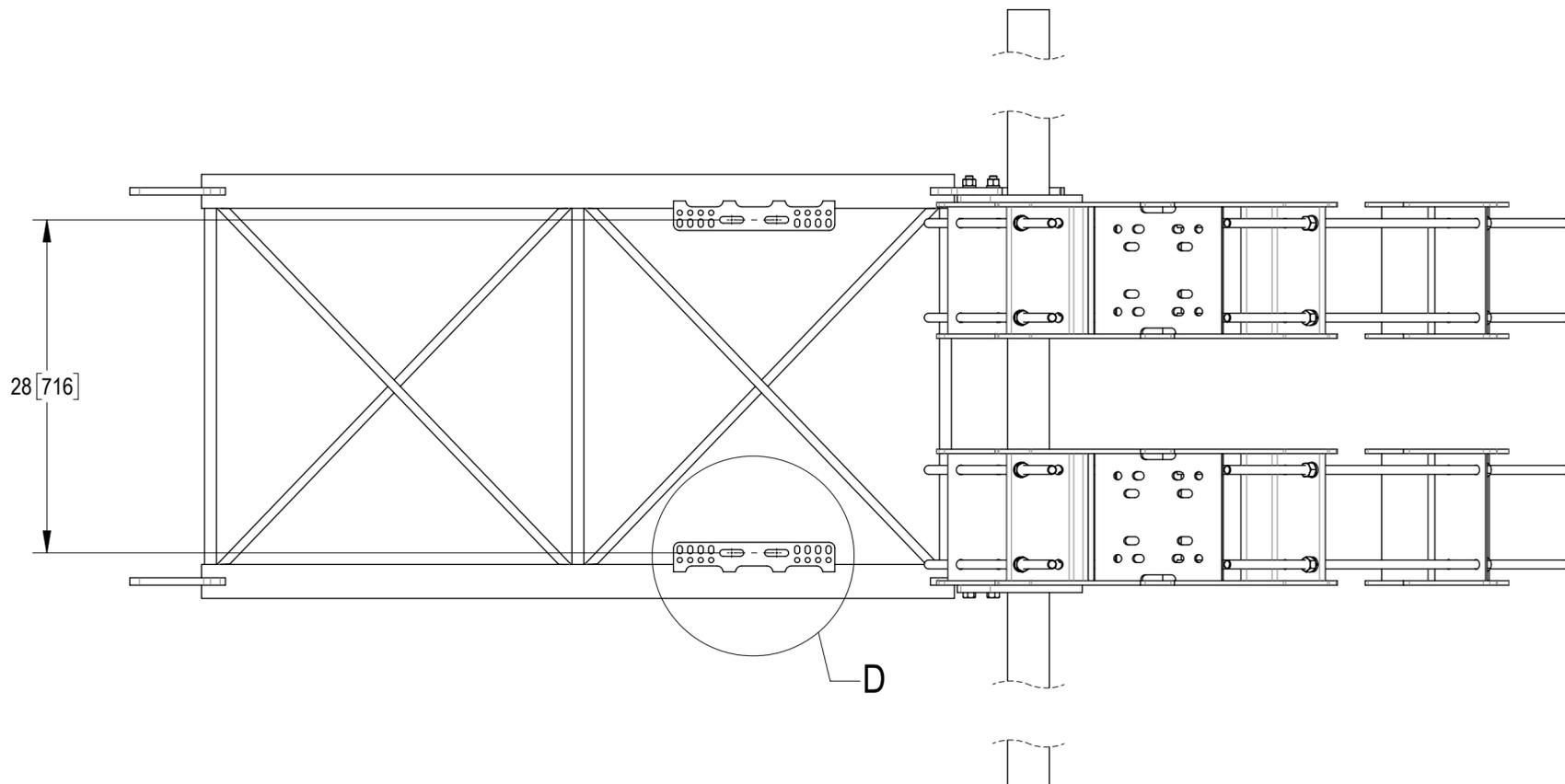
A

4

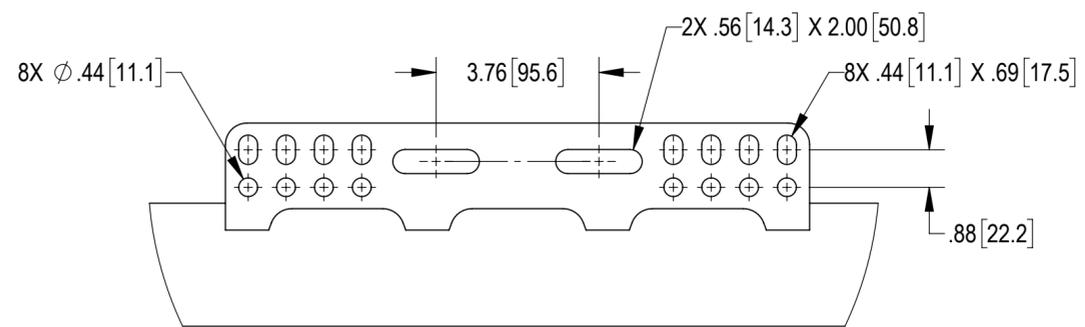
3

2

1



SIDE VIEW



DETAIL D
SCALE 1 : 3



TITLE				
MONO 3 SCTR FR 13' FACE,NO AP				
SIZE	SCALE	DOCUMENT NO.		
C	1:10	MCG23RHDXL-13MB		
	DRAWING			SHEET
	VERSION	STATUS	REVISION	
	01	RE	B	

Confidential

4

3

2

1

D

D

C

C

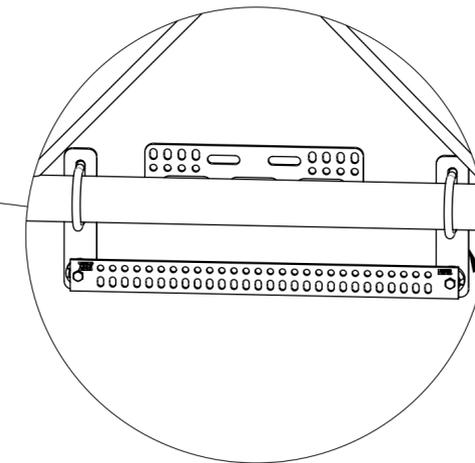
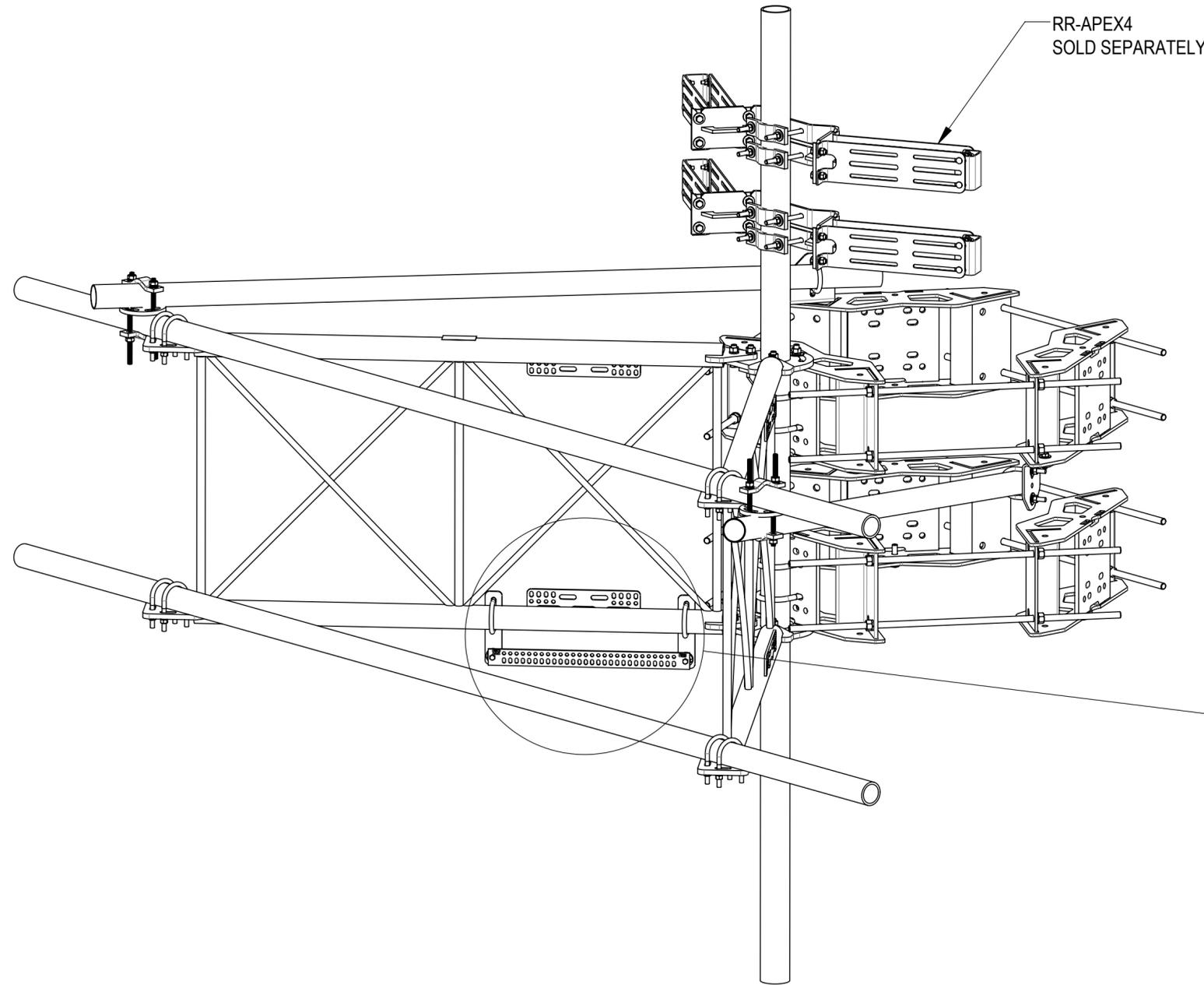
B

B

A

A

OPTIONAL ACCESSORIES:



DETAIL H
SCALE 1 : 8

				
TITLE				
MONO 3 SCTR FR 13' FACE,NO AP				
SIZE	SCALE	DOCUMENT NO.		
C	1:12	MCG23RHDXL-13MB		
 	DRAWING			SHEET
	VERSION	STATUS	REVISION	5 OF 5
	01	RE	B	

Confidential

4

3

2

1

D

D

C

C

B

B

A

A

4

3

2

1