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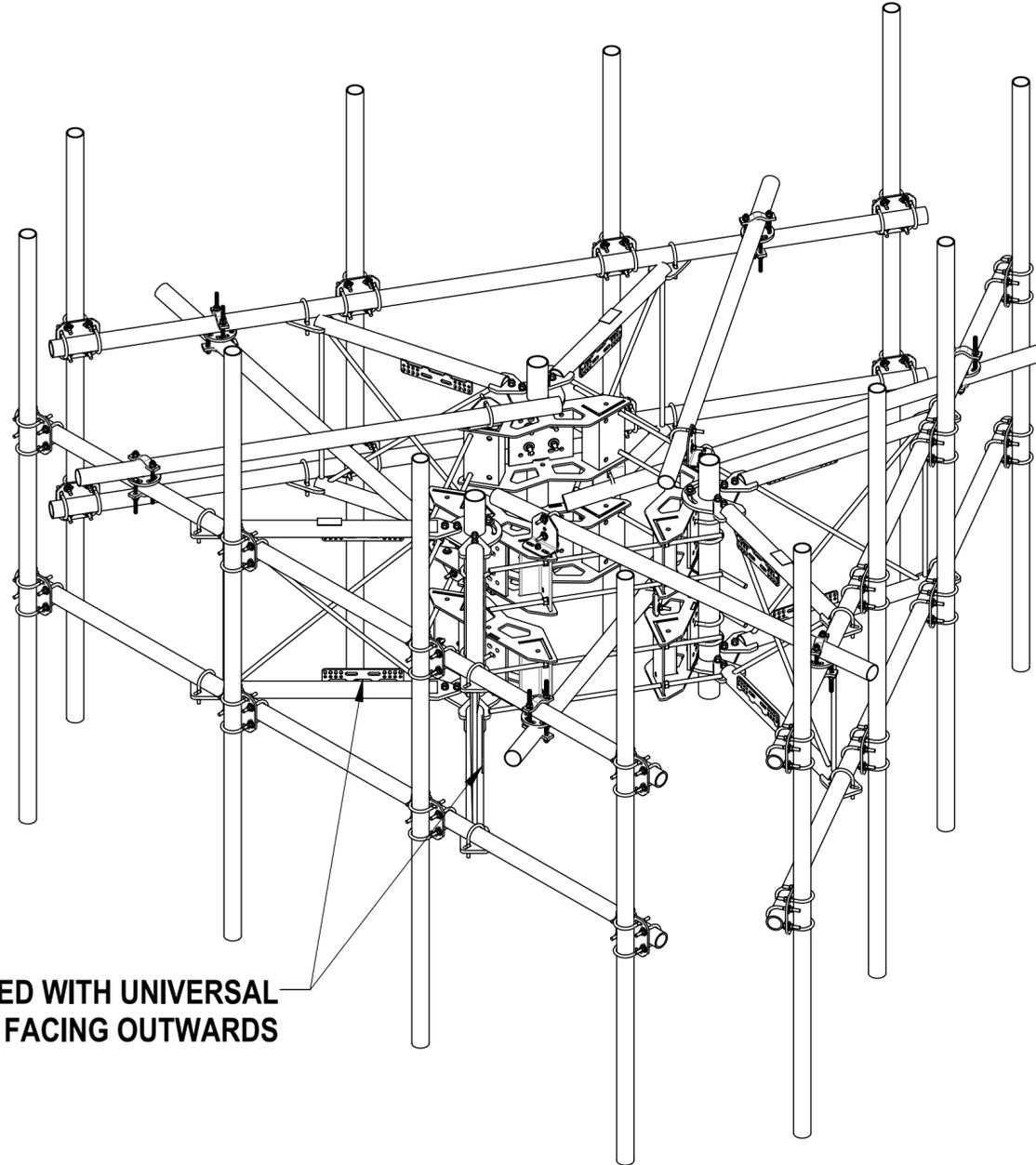
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- 1.0 GENERAL NOTES
 - 1.1 ALL METRIC DIMENSIONS ARE IN BRACKETS [X. X]
 - 1.2 FOR PATENT INFO: <https://www.adwpat.com>
- 2.0 DESIGN NOTES
 - 2.1 ANY HAZARDS OR OBSTRUCTIONS TO THE CLIMBING FACILITY AND SAFETY CLIMB MUST BE IDENTIFIED PRIOR TO INSTALLING 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 FITS MONOPOLES 15" TO 50" OD.
 - 2.3 MIN RECOMMENDED POLE THICKNESS 0.188[4.78].
- 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 | ZX1005 12MAY21 | 11936 |
| B | UPDATE DRAWING TO REFLECT CORRECT PLACEMENT | ZX1005 17JAN22 | 40140303CMO |
| C | MCG23HDX SERIES BOM STANDARDIZATION | JL1183 07JUN22 | BA1025 40149022CMO |
| D | UPDATED DRAWING TO NEW FORMAT; CHANGED BOM STRUCTURE; MOVED LOCATION OF SFG2350 TO THE TOP OF STANDOFF ARM. | RY1002 15JAN24 | YW1045 40185674CMO |
| E | UPDATED SFG23175 TO ADD UNIVERSAL INTERFACE PLATES | RY1002 05JUL24 | XK1001 40199604CMO |



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

| | | |
|--------------|-----------|---------------------|
| DENSITY | | lbs/in ³ |
| MASS | 2734.40 | lbs |
| VOLUME | 18911.08 | in ³ |
| SURFACE AREA | 119077.34 | in ² |
| HEIGHT | 120" | |
| LENGTH | 171" | |
| WIDTH | 153" | |

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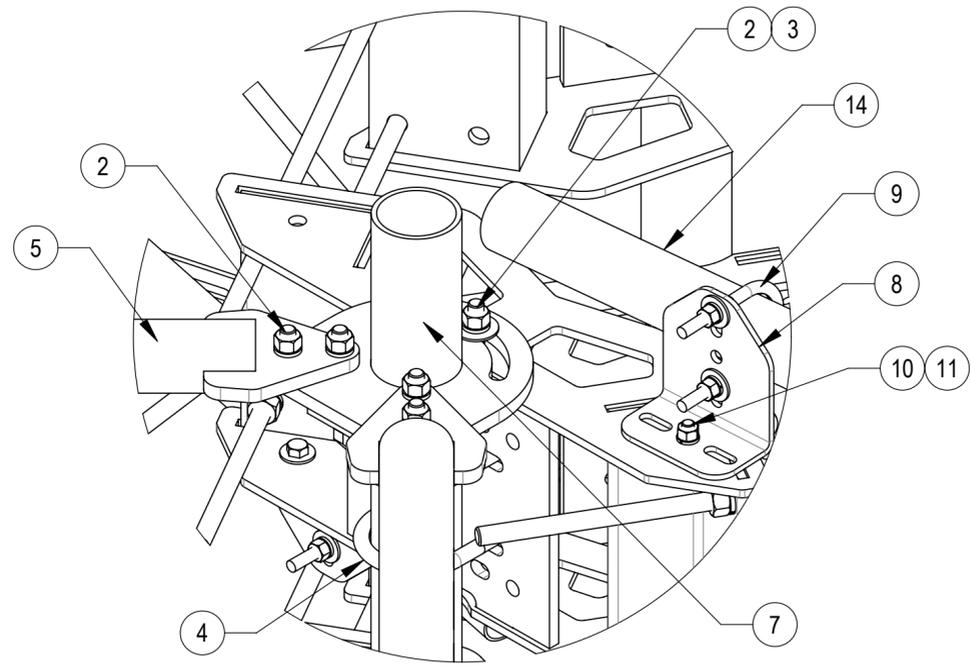
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|---|---|--------------------------|------------|--|---------|--------|----------|--------|
| TOLERANCES | | SAP MATERIAL MASTER | | | | | | |
| 1 PLACE .X[X] ± 0.2[5] | 3 PLACE .XXX[X] ± 0.060[1.50] | MCG23HDX-12M12120 | | | | | | |
| 2 PLACE .XX[X] ± 0.12[3.0] | ANGLES ± 2° | | | | | | | |
| FINISH | | MATERIAL | | | | | | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES INTERPRET PER ANSI Y 14.5M-1994 | | NAME | DATE | TITLE | | | | |
| | | CE JL1183 | 06/07/2022 | G23HDX MP, 12' FACE, (12) 120" AP | | | | |
| | | RW RY1002 | 06/19/2025 | | | | | |
| | | AD YMENG | 06/19/2025 | | | | | |
| | | RE YMENG | 06/19/2025 | | | | | |
| ECN 40199604CMO | | | | | | | | |
| SCALE | DOCUMENT NO. | | | | | | | |
| 1:20 | MCG23HDX-12M12120 | | | | | | | |
| SIZE | Auth Group | INSL | MODEL | DRAWING | | SHEET | | |
| C |   | VERSION | STATUS | REVISION | VERSION | STATUS | REVISION | 1 OF 5 |
| | | 04 | RE | E | 04 | RE | E | |

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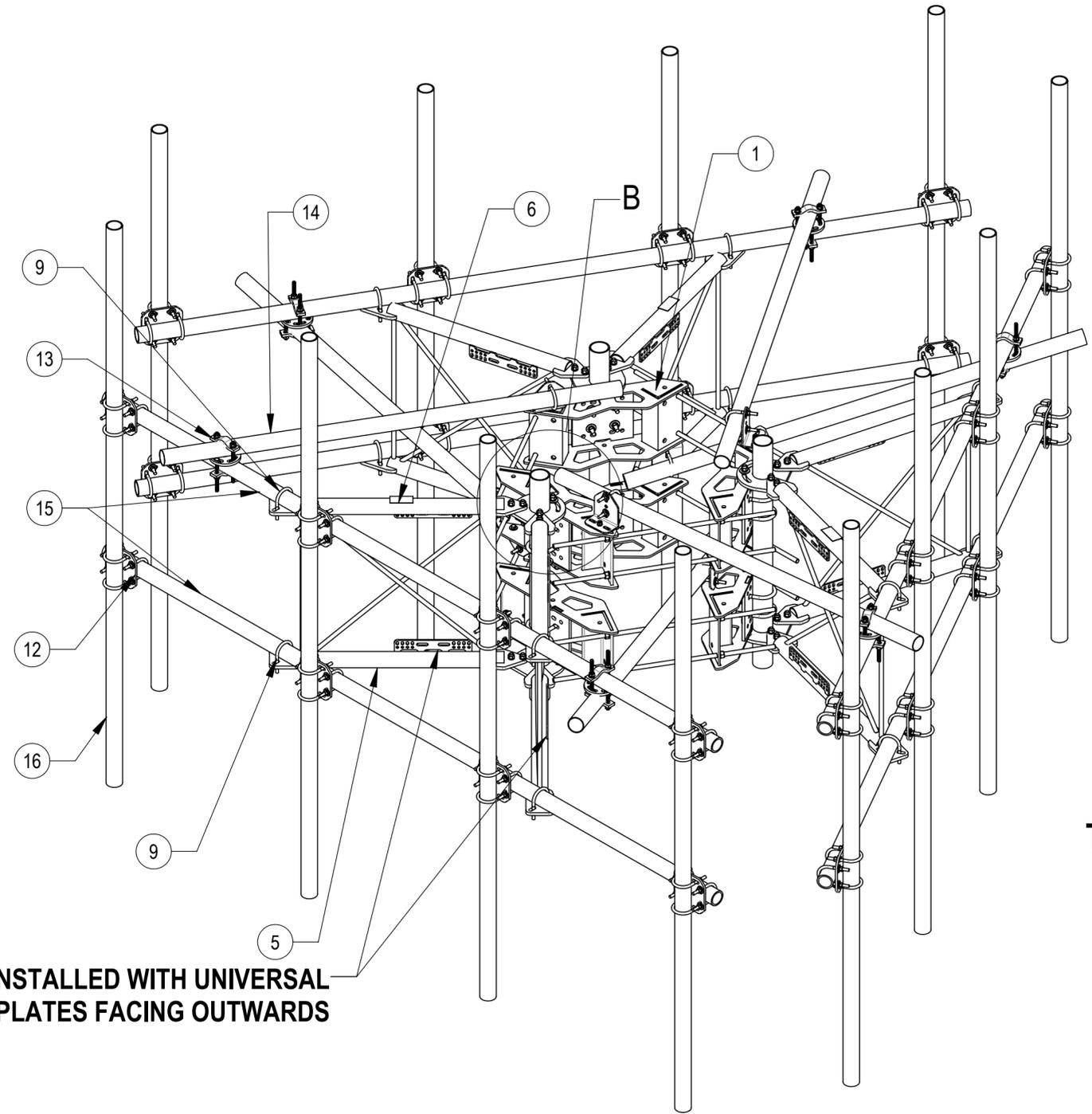
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DETAIL B
SCALE 1 : 5



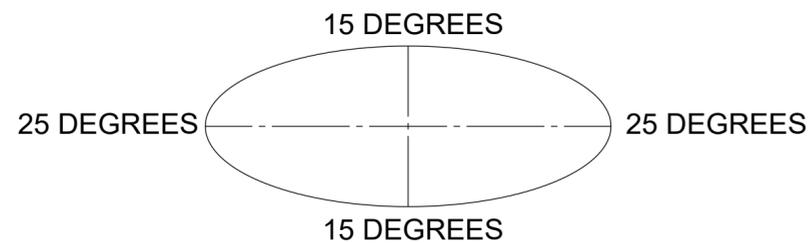
**SHOULD BE INSTALLED WITH UNIVERSAL
INTERFACE PLATES FACING OUTWARDS**

**COMPONENT PART NUMBERS PROVIDED FOR ASSEMBLY PURPOSES;
INDIVIDUAL COMPONENTS MAY BE SHIPPED AS PARTS WITHIN AN INCLUDED KIT.**

| ITEM NO. | PART NUMBER | 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 | SFG23175 | ARM STANDOFF SFG23 | 6 | 66.61 LBS | |
| 6 | SFG2350 | LABEL, SFG23HDX | 3 | 0.03 LBS | |
| 7 | SFG2206 | WELDMENT, ARM MOUNT | 3 | 51.60 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 | 18 | 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 | MT546084120 | 2.88" OD X 84" LONG PIPE | 6 | 24.81 LBS | |
| 15 | MT546150276 | PIPE, 2.875"OD X 150" | 6 | 96.11 LBS | |
| 16 | MT546120 | PIPE, 2.875"OD X 120" | 12 | 57.45 LBS | |

ALLOWABLE TIEBACK ANGLE

±15 DEGREES VERTICAL
±25 DEGREES HORIZONTAL



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TITLE: G23HDX MP, 12' FACE, (12) 120" AP

SIZE: **C** SCALE: **1:32** DOCUMENT NO.: MCG23HDX-12M12120

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| DRAWING | | | SHEET 2 OF 5 |
| VERSION | STATUS | REVISION | |
| 04 | RE | E | |

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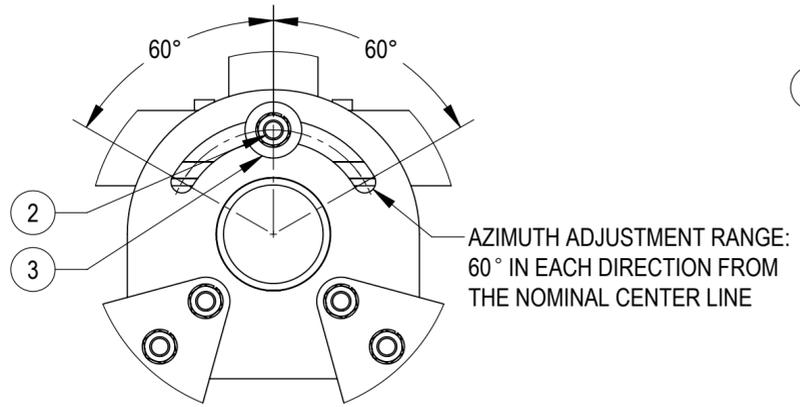
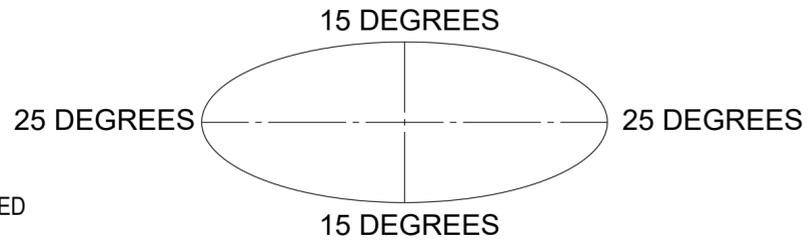
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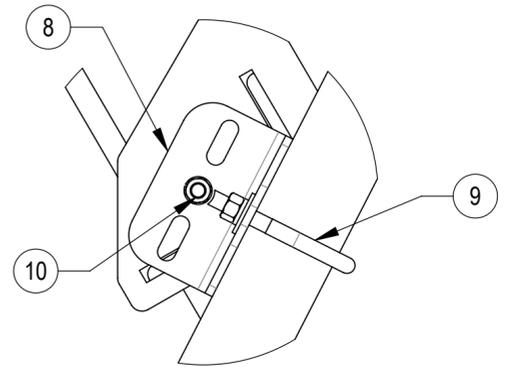
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ALLOWABLE TIEBACK ANGLE

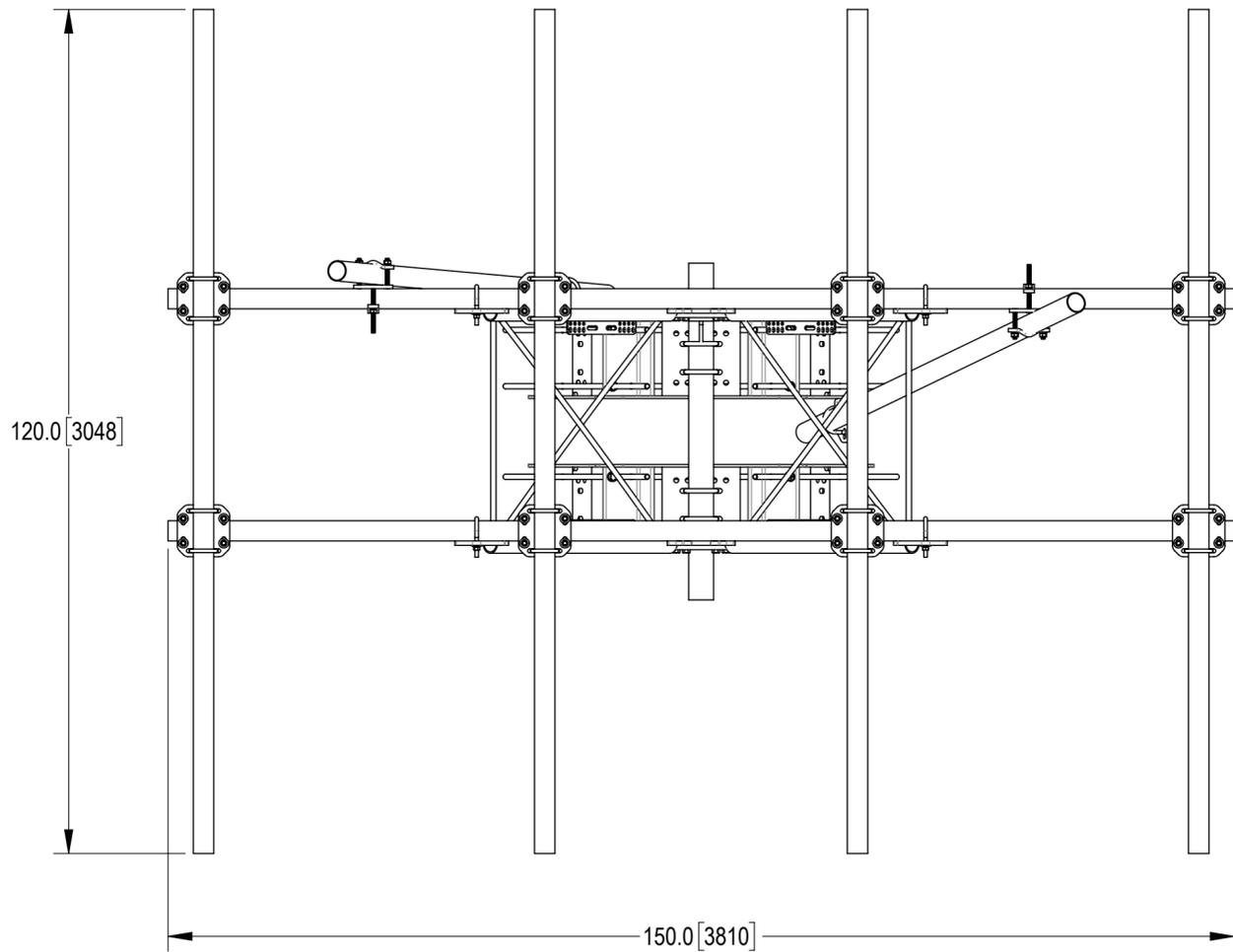
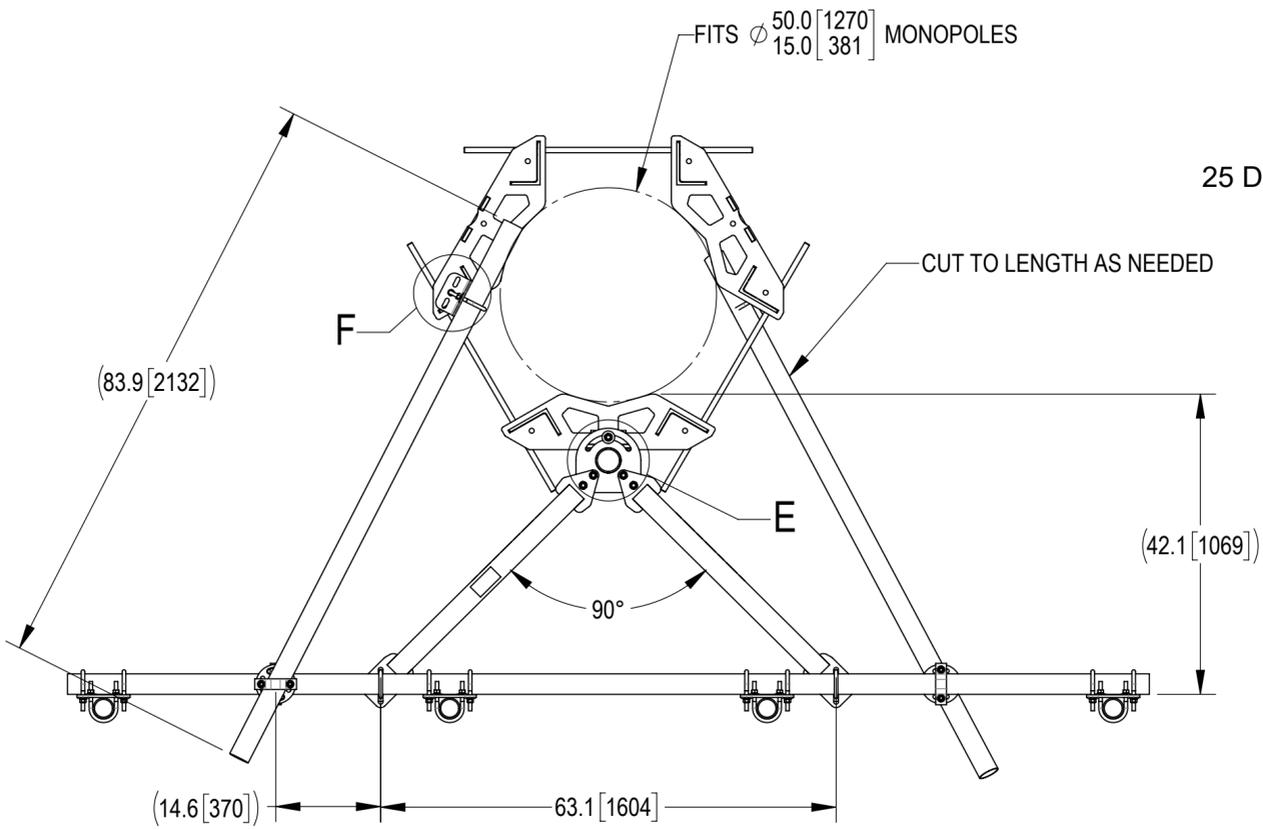
±15 DEGREES VERTICAL
±25 DEGREES HORIZONTAL



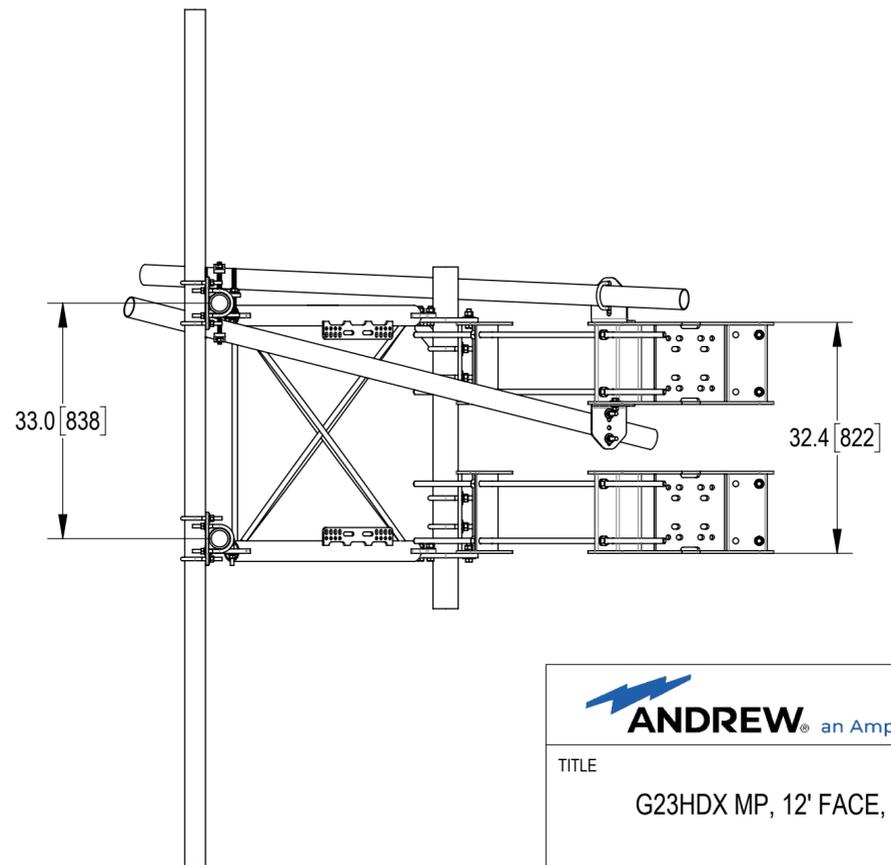
DETAIL E
SCALE 1 : 4



DETAIL F
SCALE 1 : 4



TOP
↑
BOTTOM
↓



SINGLE SECTOR SHOWN FOR REFERENCE



TITLE
G23HDX MP, 12' FACE, (12) 120" AP

| | | |
|------------------|----------------------|-----------------------------------|
| SIZE C | SCALE 1:32 | DOCUMENT NO. MCG23HDX-12M12120 |
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| DRAWING | | | SHEET 3 OF 5 |
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| VERSION | STATUS | REVISION | |
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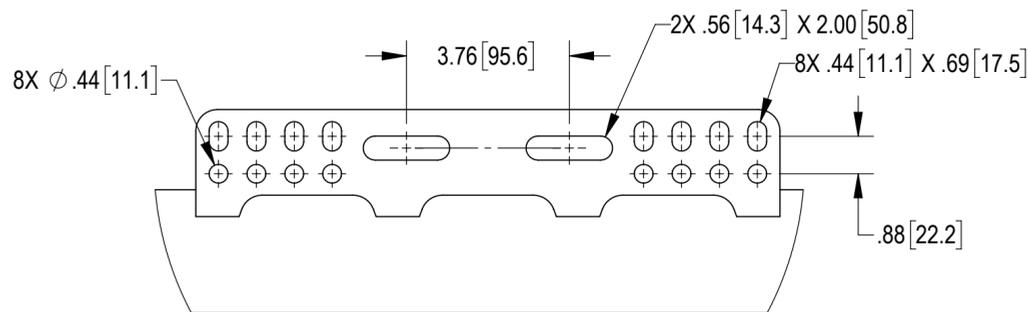
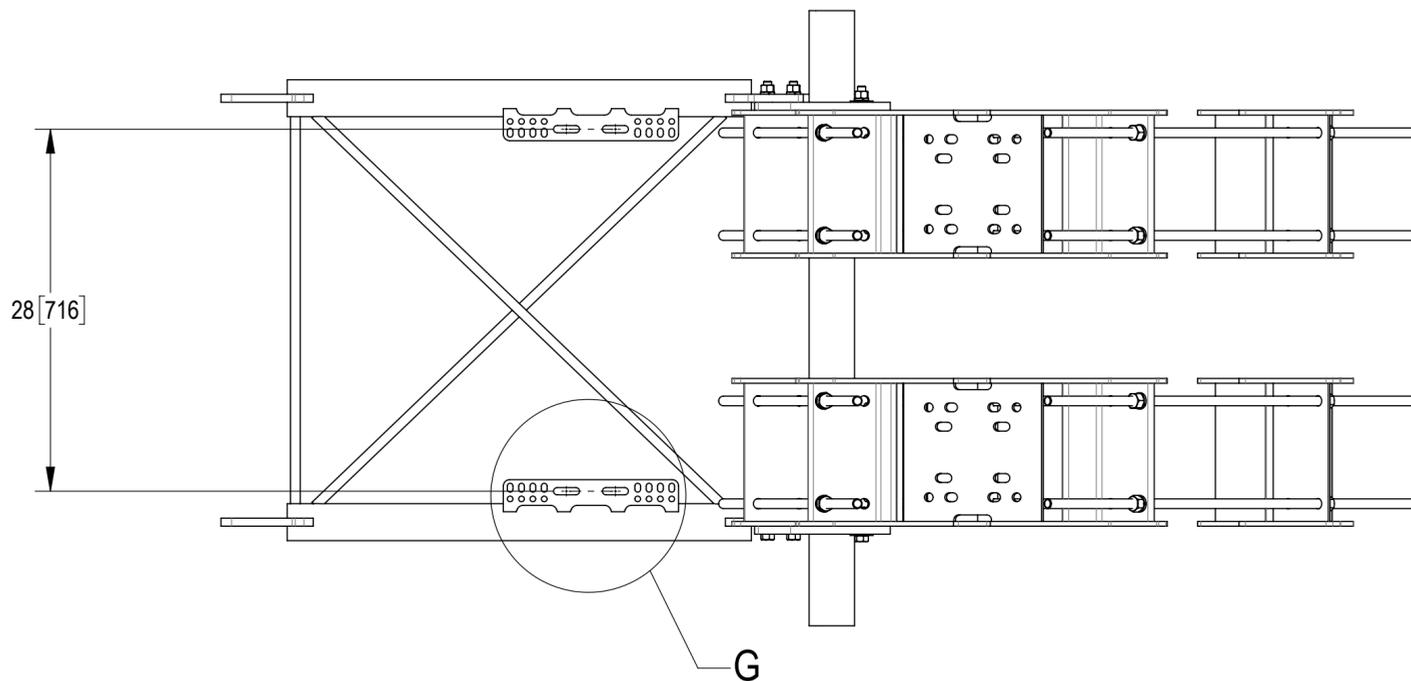
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DETAIL G
SCALE 1 : 3



TITLE
G23HDX MP, 12' FACE, (12) 120" AP

| | | |
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| SIZE C | SCALE 1:10 | DOCUMENT NO. MCG23HDX-12M12120 |
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| | DRAWING | | | SHEET 4 OF 5 |
| | VERSION 04 | STATUS RE | REVISION E | |

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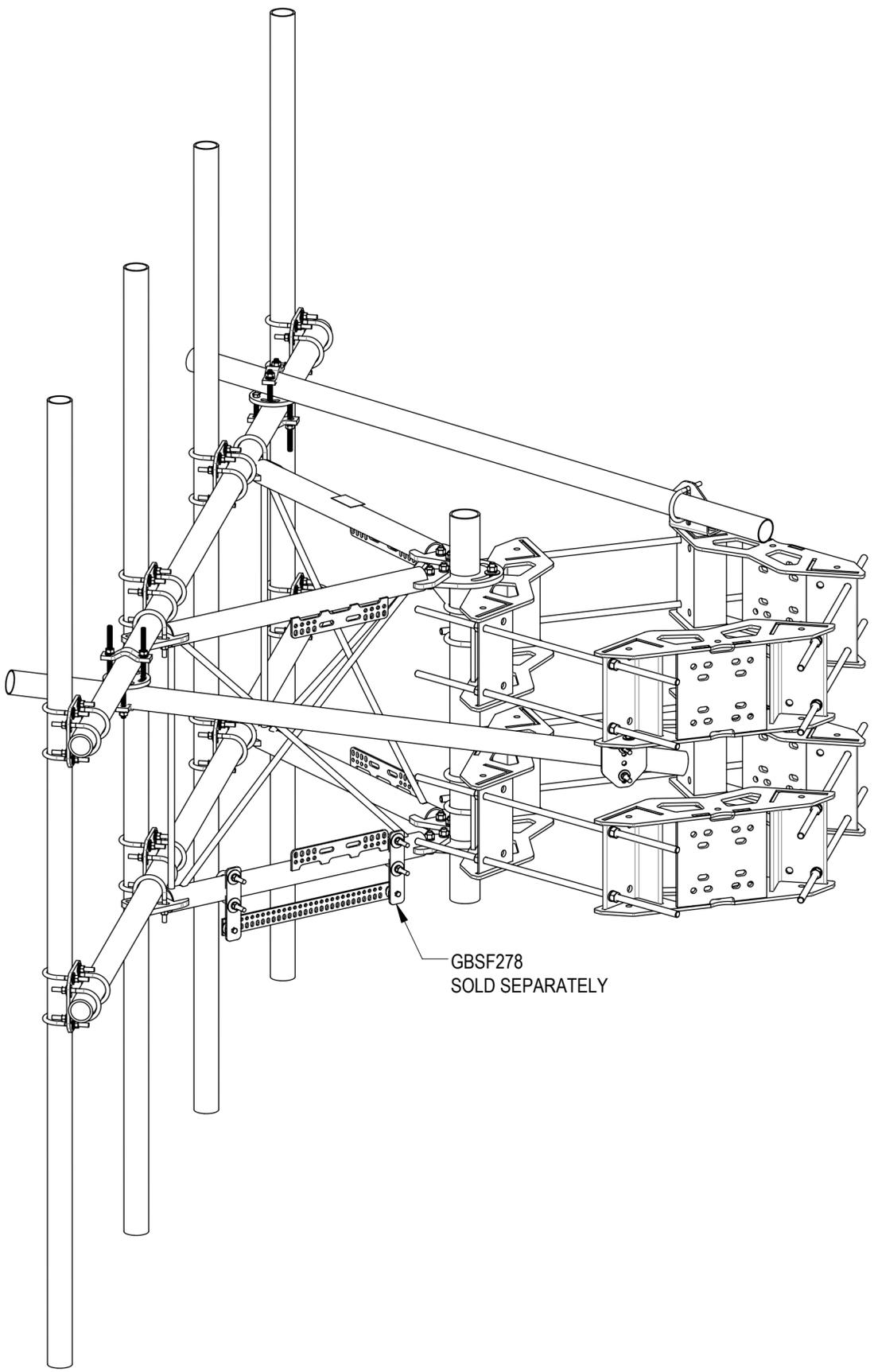
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OPTIONAL ACCESSORIES:



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TITLE
G23HDX MP, 12' FACE, (12) 120" AP

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| SIZE C | SCALE 1:32 | DOCUMENT NO. MCG23HDX-12M12120 |
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|--|---------------|--------------|---------------|-----------------|
| | DRAWING | | | SHEET 5 OF 5 |
| | VERSION 04 | STATUS RE | REVISION E | |

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