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

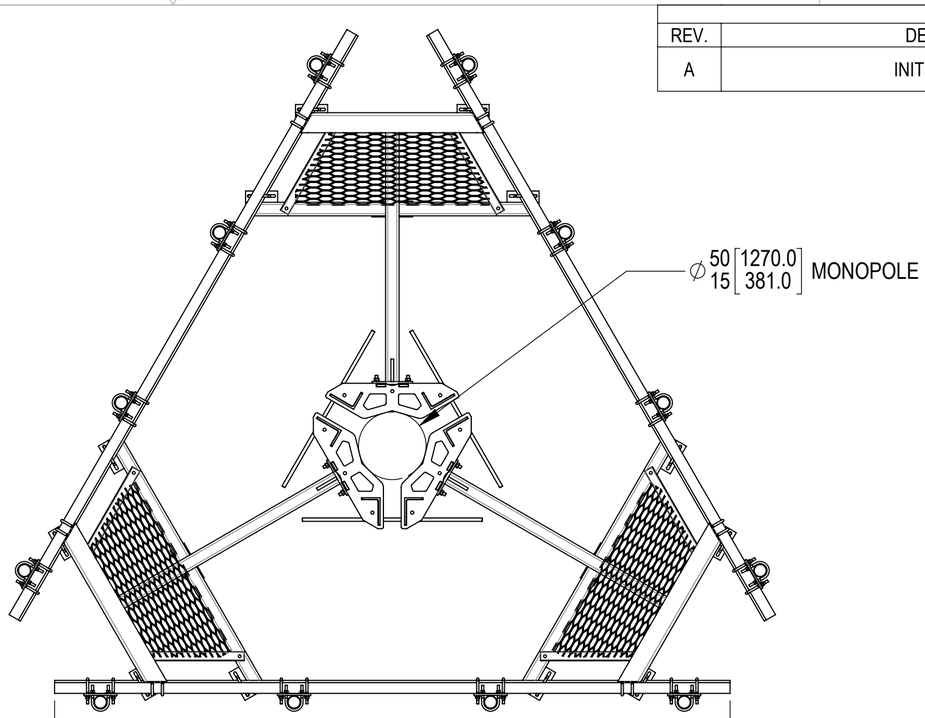
2.0 DESIGN NOTES
- 2.1 ANY HAZARDS OR OBSTRUCTIONS TO THE CLIMBING FACILITY AND SAFETY CLIMB MUST BE IDENTIFIED PRIOR TO INSTALLING THE APPURTENANCE. ADDITIONAL PRODUCTS MAY BE REQUIRED TO MAINTAIN THE INTEGRITY OF THE SAFETY CLIMB. DURING INSTALLATION, TEMPORARY AND/OR PERMANENT PRECAUTIONARY MEASURES SHOULD BE TAKEN TO PRESERVE THE CLIMBING FACILITY AND/OR SAFETY CLIMB.
- 2.2 FITS MONOPOLES 15"-50" O.D.

3.0 MANUFACTURING/SPECIAL REQUIREMENTS
- 3.1 TIGHTEN ALL BOLTS 3/8" OR LARGER SECURING FLAT PLATES SNUG TIGHT. TIGHTEN ALL U-BOLTS/THREADED RODS SNUG TIGHT, WITH ATTENTION TO LEAVE EQUAL DISTANCE AND EQUAL FORCE ON EACH LEG OF U-BOLT/THREADED ROD.
- 3.2 SNUG TIGHT IS DEFINED AS THE CONDITION OBTAINED WITH A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF AN INSTALLER USING AN ORDINARY SPUD WRENCH TO BRING THE CONNECTED LAYERS (PLIES) OF STEEL INTO FULL CONTACT.
- 3.3 FOR BOLTS IN A PATTERN, TIGHTEN IN A CRISS-CROSS OR STAR SEQUENCE, INCREASING TORQUE IN GRADUAL STEPS UNTIL SNUG TIGHT.

4.0 TEST

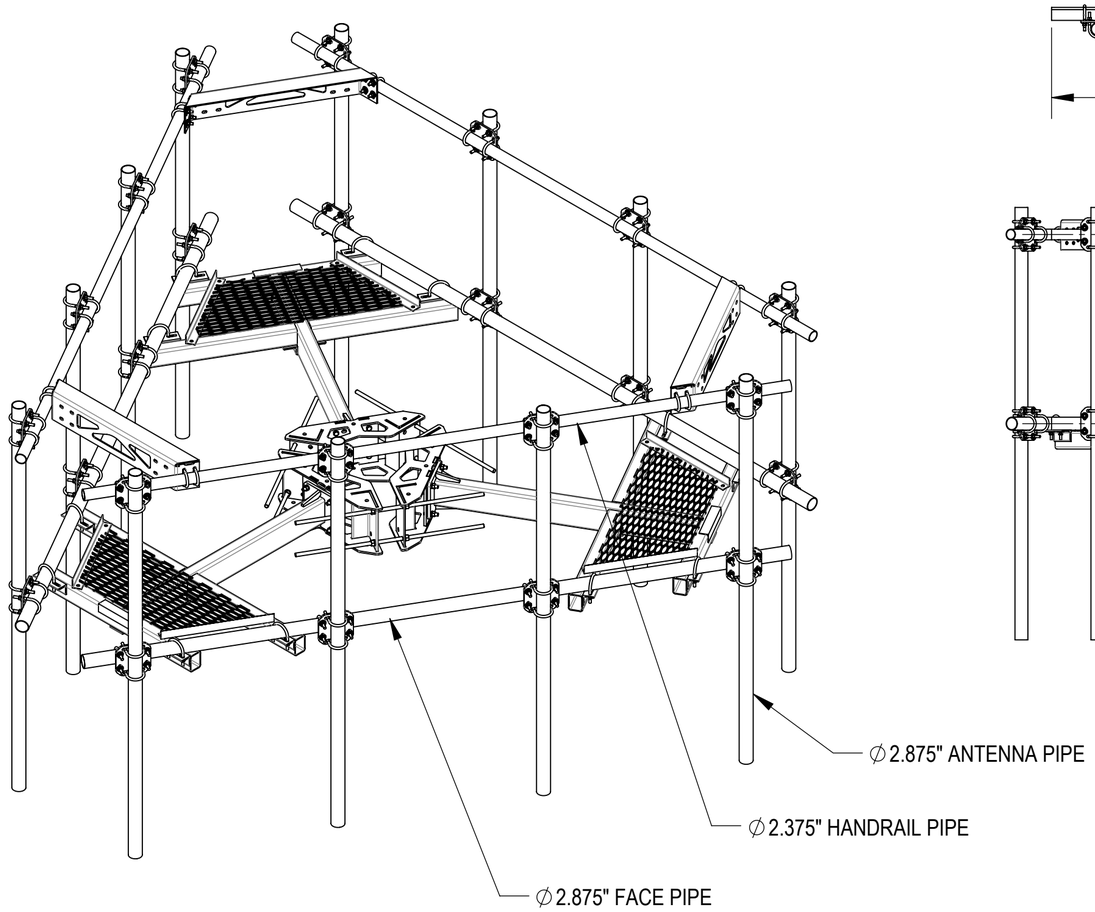
5.0 PACKAGING
- 5.1 PACKAGING SHALL MEET ANDREW REQUIREMENTS PER DOCUMENT IS-PL-3005
- 5.2 PRINTED DOCUMENT TO BE PLACED INSIDE POLYBAG AND THEN IN SHIPPING CONTAINER
- 5.3 EXTRA HARDWARE MAY BE SUPPLIED, BAGGED AND SHIPPED

| REVISIONS | | | |
|---|---|---|---|
| REV. | DESCRIPTION | DATE | APPROVD |
| A | INITIAL RELEASE | LL1090 20SEP26 | YC1015 50110124AMO |










MC-CP12M-12-96-HD SHOWN FOR REFERENCE
(SEE TABLE 1 FOR ALL CONFIGURATIONS)

ANDREW® an Amphenol company

| TOLERANCES | | SAP MATERIAL MASTER |
|---|---|---|
| 1 PLACE .X[.X] ± 0.2[6.3] | 3 PLACE .XXX[.X] ± 0.060[1.5] | SEE TABLE 1 |
| 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 | LL1090 | 20SEP26 |
| RW | LL1090 | 09/20/2026 |
| AD | YC1015 | 09/20/2026 |
| RE | LL1090 | 09/20/2026 |
| ECN | 50110124AMO | |

TITLE: PLF,3S,W/HR SERIES

SCALE: 1:26 | DOCUMENT NO.: MC-CP-HD

| | |
|---|---|
| DENSITY | lbs/in³ |
| MASS | lbs |
| VOLUME | in³ |
| SURFACE AREA | in² |
| HEIGHT | |
| LENGTH | |
| WIDTH | |

| SIZE | Auth Group | MODEL | | | DRAWING | | | SHEET |
|---|---|---|---|---|---|---|---|---|
| | INSL | VERSION | STATUS | REVISION | VERSION | STATUS | REVISION | |
| C | | 00 | RE | A | 00 | RE | A | 1 OF 2 |

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# PART NUMBERS, WEIGHTS, & EPA

## TABLE 1: CONFIGURATIONS

| PART NUMBER | DESCRIPTION | WEIGHT (LBS) | (EPA)A (FT^2)* | (EPA)A 1/2" ICE THICKNESS (FT^2)* | ANTENNA PIPES | INCLUDED PARTS | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | MC-RM1550-3 | MC-AF-SB01 | GUB-4355-12 | MT197H | BPS-ECC-E-150-H | BPS-ECC-E-174-H | HRK-12-12-01 | HRK-14-12-01 | XP-2025-12 | XP-2525-12 | BPS-ECC-E-096-H | BPS-ECC-E-120-H |
| MC-CP12M-12-96-HD | PLF,3S,12'FP,(12)096"AP,W/HR | 1670.55 | 24.57 | 30.66 | 12 | 1 | 1 | 1 | 3 | 3 | - | 1 | - | 1 | 1 | 12 | - |
| MC-CP12M-12-120-HD | PLF,3S,12'FP,(12)120"AP,W/HR | 1755.60 | | | 12 | 1 | 1 | 1 | 3 | 3 | - | 1 | - | 1 | 1 | - | 12 |
| MC-CP14M-12-96-HD | PLF,3S,14'FP,(12)096"AP,W/HR | 1709.25 | 26.01 | 32.64 | 12 | 1 | 1 | 1 | 3 | - | 3 | - | 1 | 1 | 1 | 12 | - |
| MC-CP14M-12-120-HD | PLF,3S,14'FP,(12)120"AP,W/HR | 1794.30 | | | 12 | 1 | 1 | 1 | 3 | - | 3 | - | 1 | 1 | 1 | - | 12 |

* (EPA)A DOES NOT INCLUDE ANTENNA PIPES AND MOUNTING HARDWARE. IF DESIRED, ADD ANTENNA PIPE PER TABLE 2

## TABLE 2: EPA OF EACH ANTENNA PIPE

| ANTENNA PIPE | (EPA)A (FT^2) | (EPA)A W/ 1/2" ICE THICKNESS (FT^2) |
|---|---|---|
| 2-7/8" X 96" | 1.84 | 2.48 |
| 2-7/8" X 120" | 2.30 | 3.10 |

NOTE:
1. ANTENNA PIPES ARE CONSIDERED SEPARATELY.
2. KA FACTOR OF 3-SECTOR EPA INCLUDED.
3. COMBINE THE ASSOCIATED EPA VALUES IN THE TABLES ABOVE TO DETERMINE THE EPA OF A MOUNT MODEL WITH A LISTED MOUNT PIPE CONFIGURATION.
   FOR EXAMPLE, MC-CP12M-12-96-HD HAS A 3-SECTOR EPA OF 24.57 FT2 WITH NO ICE PLUS 12 ANTENNA PIPES WITH A 3-SECTOR EPA OF 12X1.84=22.08 FT2 WITH NO ICE.
   SO, THE TOTAL EPA OF 46.65 FT2 FOR THE MC-CP12M-12-96-HD.

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TITLE: PLF,3S,W/HR SERIES

| SIZE | SCALE | DOCUMENT NO. | | | |
|---|---|---|---|---|---|
| C | 1:26 | MC-CP-HD | | | |
| | | DRAWING | | | SHEET |
| | | VERSION | STATUS | REVISION | |
| | | 00 | RE | A | 2 OF 2 |