

4

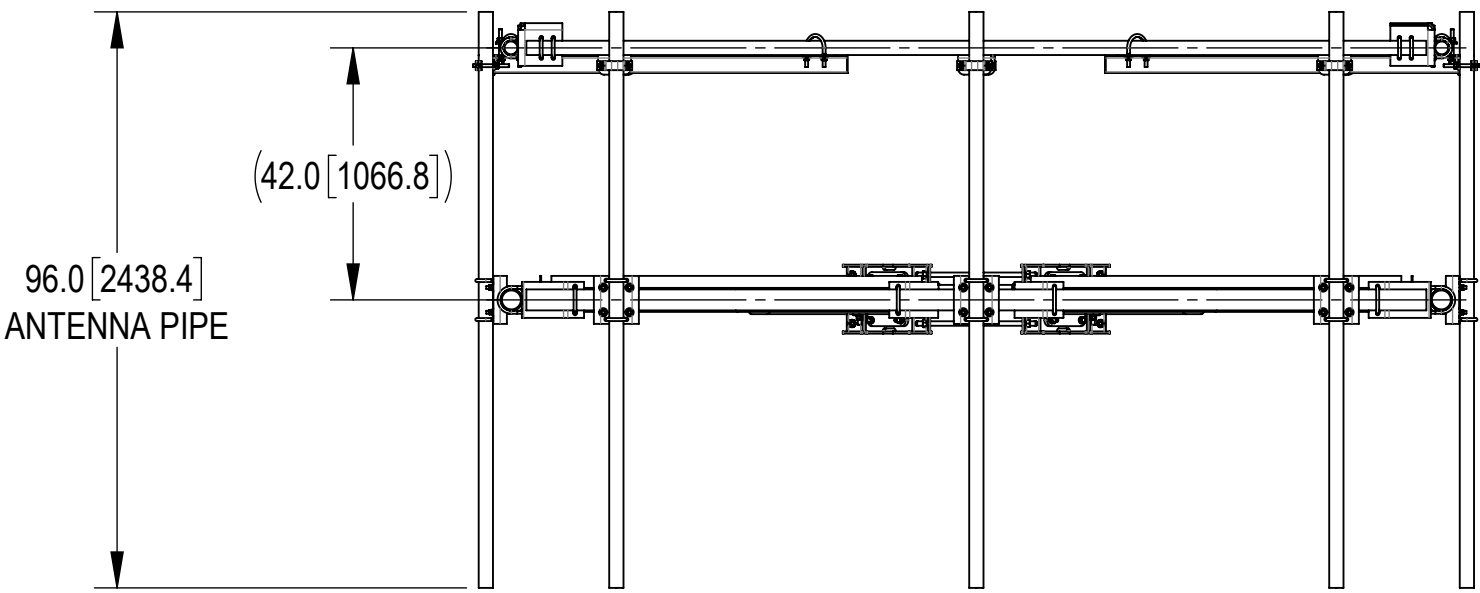
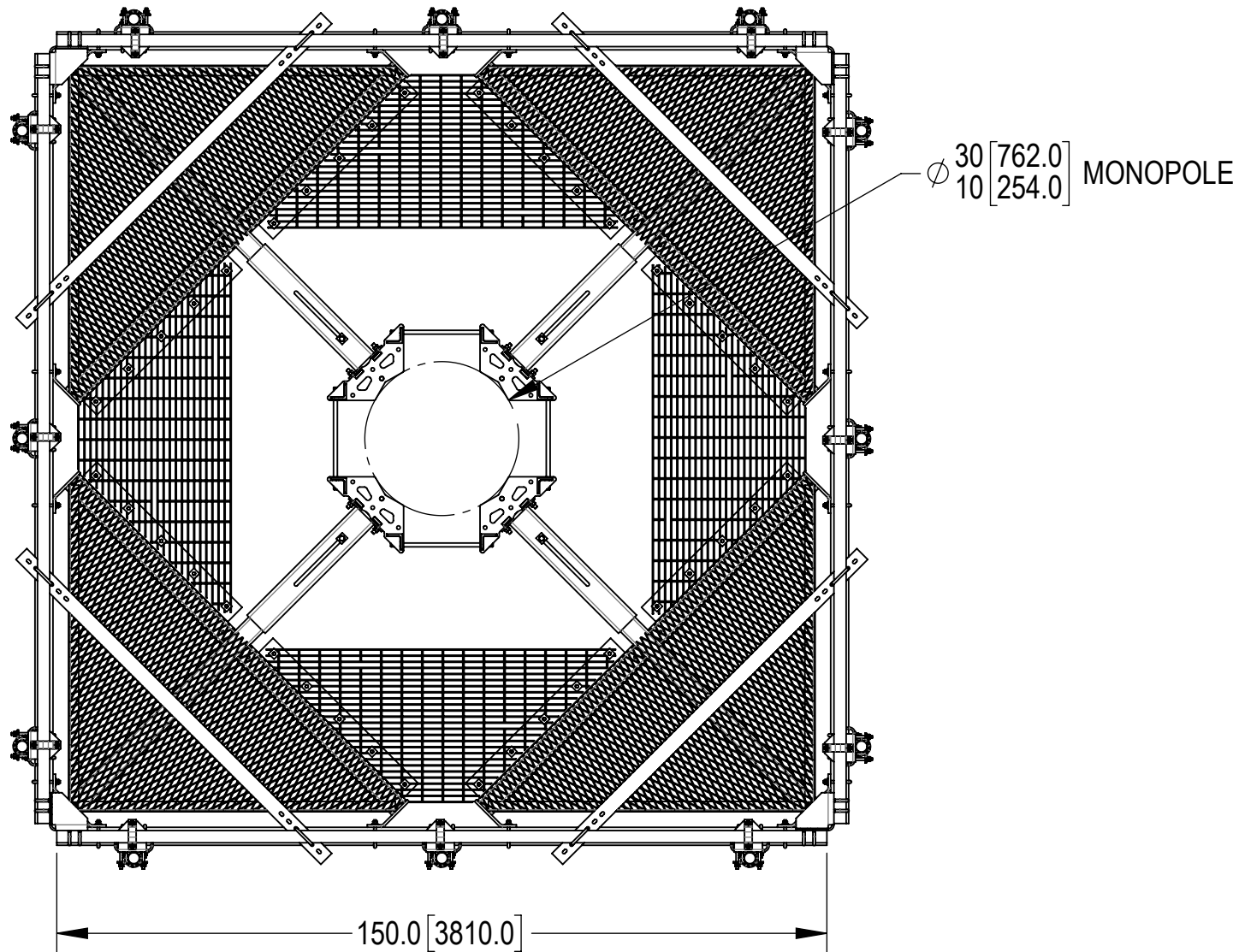
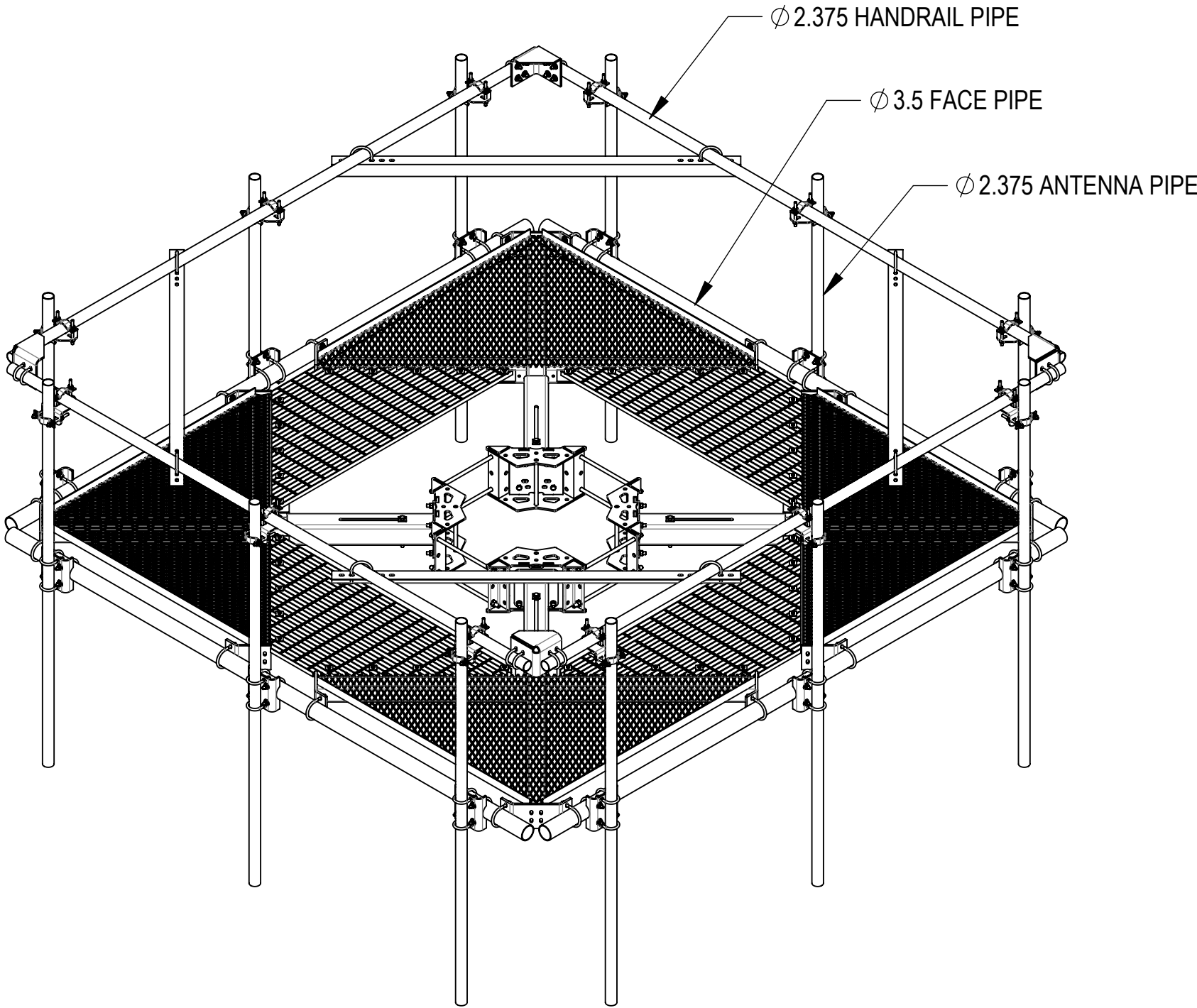
3

2

1

- 1.0 GENERAL NOTES
- 1.1 ALL METRIC DIMENSIONS ARE IN BRACKETS [X. X]
- 1.2 FOR PATENT INFO: <https://www.cs-pat.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 10"-30" O.D.
- 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 COMMSCOPE 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	JL1183 27MAR25	CB1094 50102193AMO



COMMSCOPE, INC. OF NORTH CAROLINA

TOLERANCES				SAP MATERIAL MASTER				
1 PLACE .X[X] ± 0.2[6.3]		3 PLACE .XXX[X] ± 0.060[1.5]		MC-PK12S4-12-96				
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 MP,PLF,4S,12'FP,(12)096"AP,W/HR				
	CE	JL1183	27MAR25					
	RW	YMENG	04/03/2025					
	AD	CB1094	04/03/2025	SCALE 1:28		DOCUMENT NO. MC-PK12S4-12-96		
	RE	YMENG	04/03/2025					
	ECN	50102193AMO						
SIZE	Auth Group	INSL	MODEL		DRAWING			SHEET 1 OF 3
C			VERSION 00	STATUS RE	REVISION A	VERSION 00	STATUS RE	

PART NUMBERS, WEIGHTS, & EPA

TABLE 1: CONFIGURATIONS

PART NUMBER	DESCRIPTION	WEIGHT (LBS)	(EPA)A (FT²)*		(EPA)A 1/2" ICE THICKNESS (FT²)*		ANTENNA PIPES	INCLUDED PARTS							
			MIN	MAX	MIN	MAX		MC-RM1030-4	MCPKS4SB	MCPK4HK	PB0412G	MT-219-H	MCTR412SB	MCTR4HK	PB1208A
MC-PK12S4-12-96	MP,PLF,4S,12'FP,(12)096"AP,W/HR	3059.3	38.07	38.81	47.67	48.58	12	1	1	1	1	12	1	1	1

* (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 (FT²)	(EPA)A W/ 1/2" ICE THICKNESS (FT²)
2-3/8" X 96"	1.52	2.16

NOTE:
1. ANTENNA PIPES ARE CONSIDERED SEPARATELY.
2. KA FACTOR OF 4-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, THE MINIMUM OF MC-PK12S4-12-96 HAS A EPA (A) OF 38.07 FT² WITH NO ICE PLUS 12 ANTENNA PIPES WITH A EPA (A) OF 12X1.52=18.24 FT² WITH NO ICE.
SO, THE TOTAL EPA OF 56.31 FT² FOR THE MINIMUM OF MC-PK12S4-12-96.

COMMSCOPE, INC. OF NORTH CAROLINA

TITLE
MP,PLF,4S,12'FP,(12)096"AP,W/HR

SIZE C	SCALE 1:30	DOCUMENT NO. MC-PK12S4-12-96	
-----------	---------------	---------------------------------	--



DRAWING			SHEET 2 OF 3
VERSION	STATUS	REVISION	
00	RE	A	

D

C

B

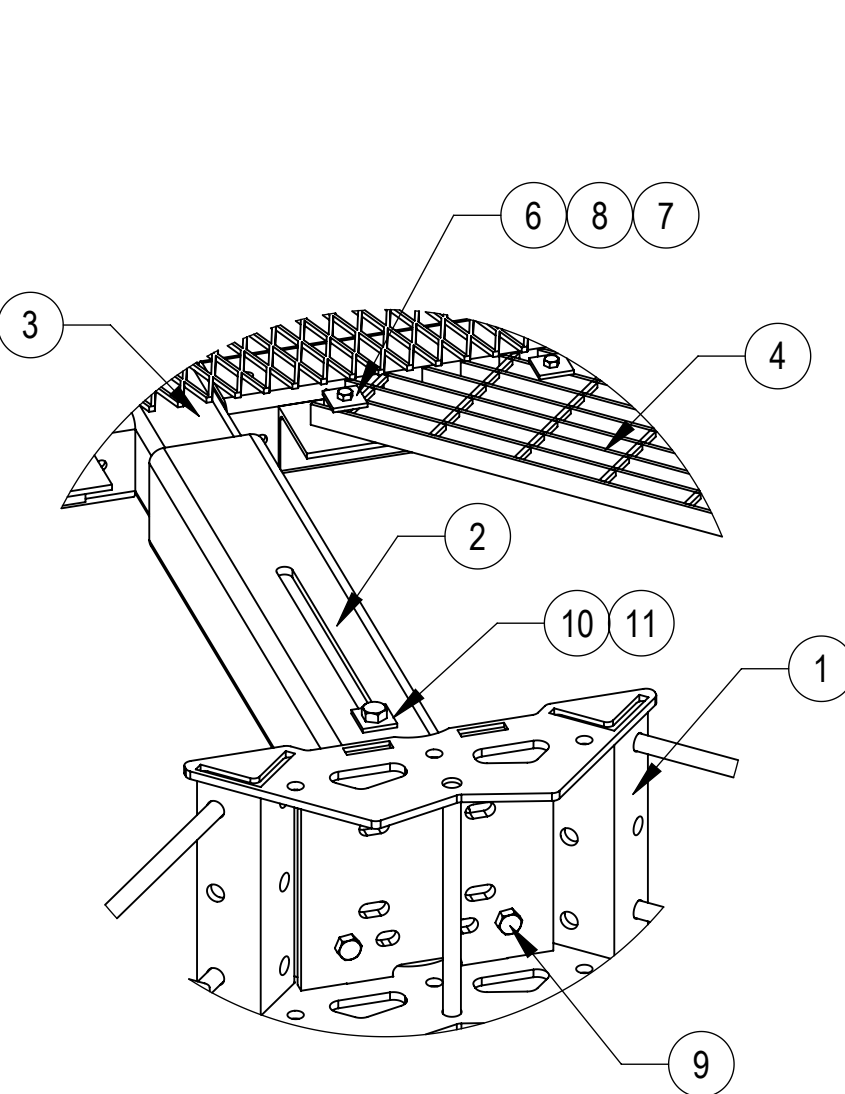
A

D

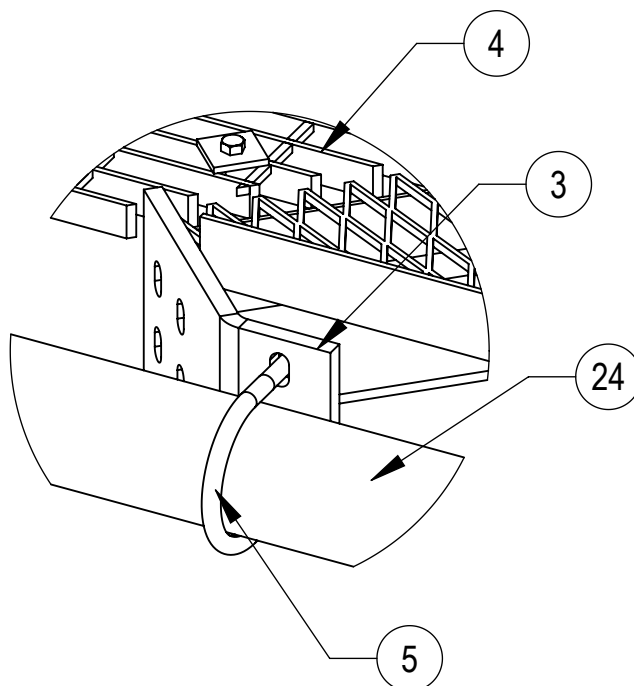
C

B

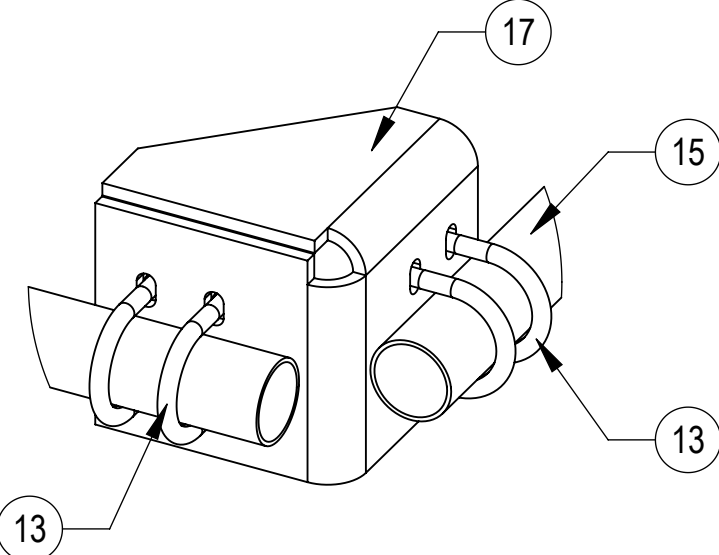
A



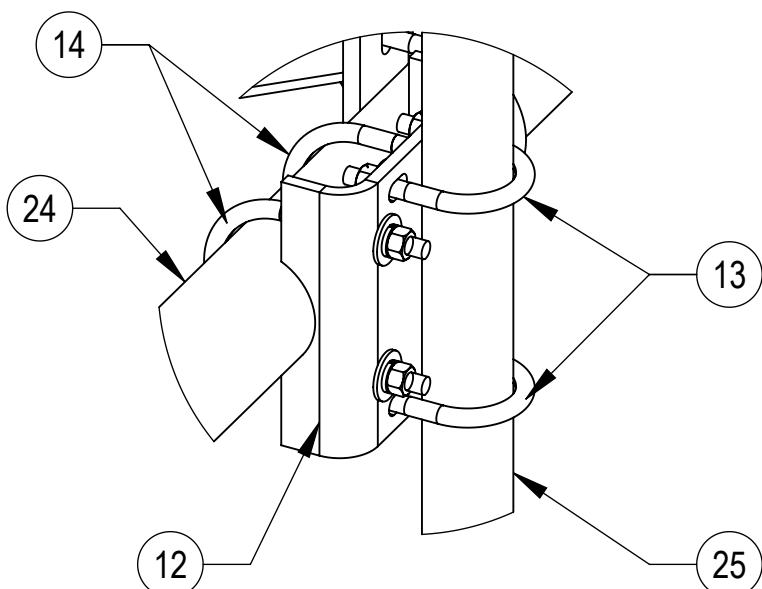
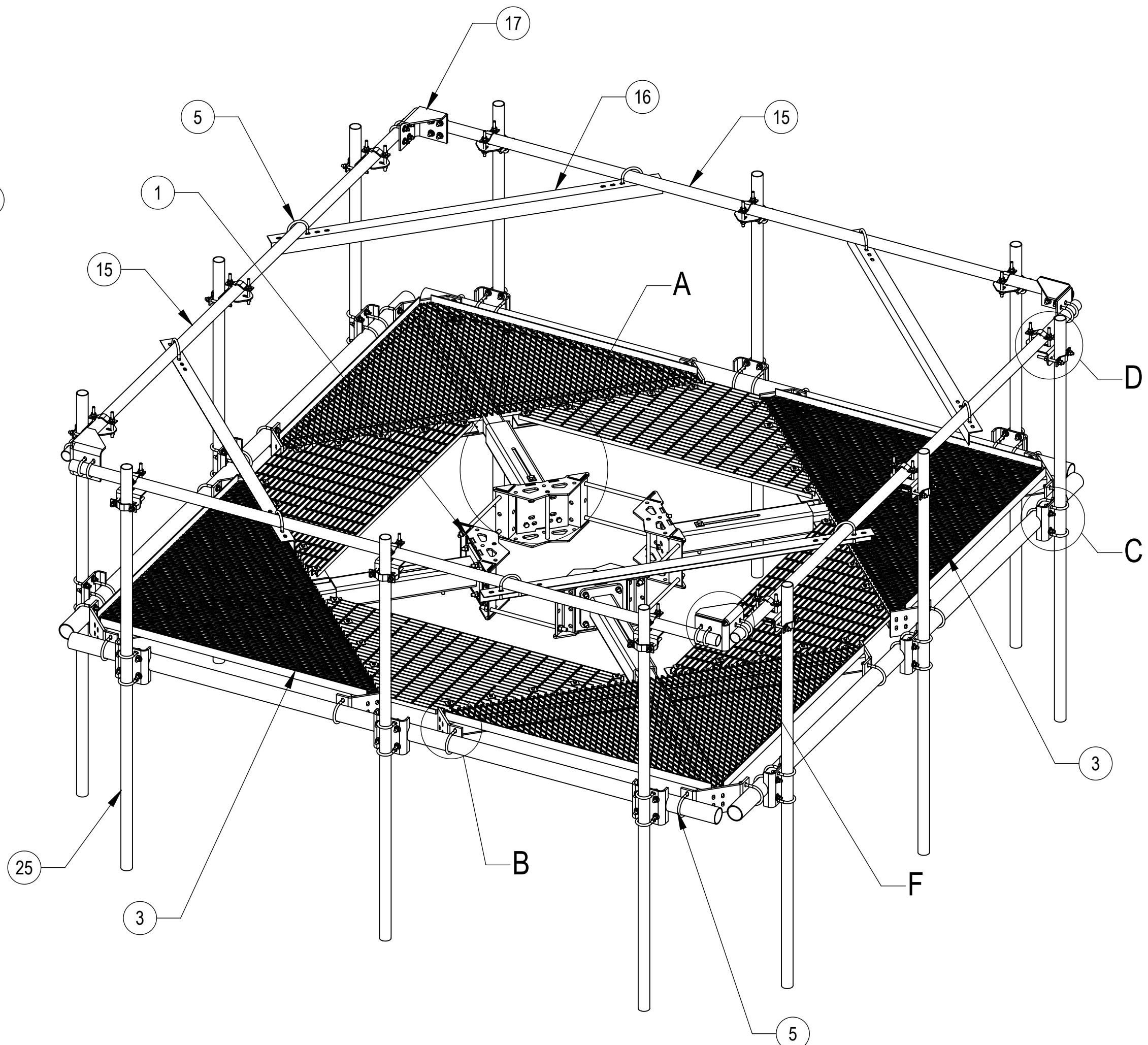
DETAIL A
SCALE 1 : 8



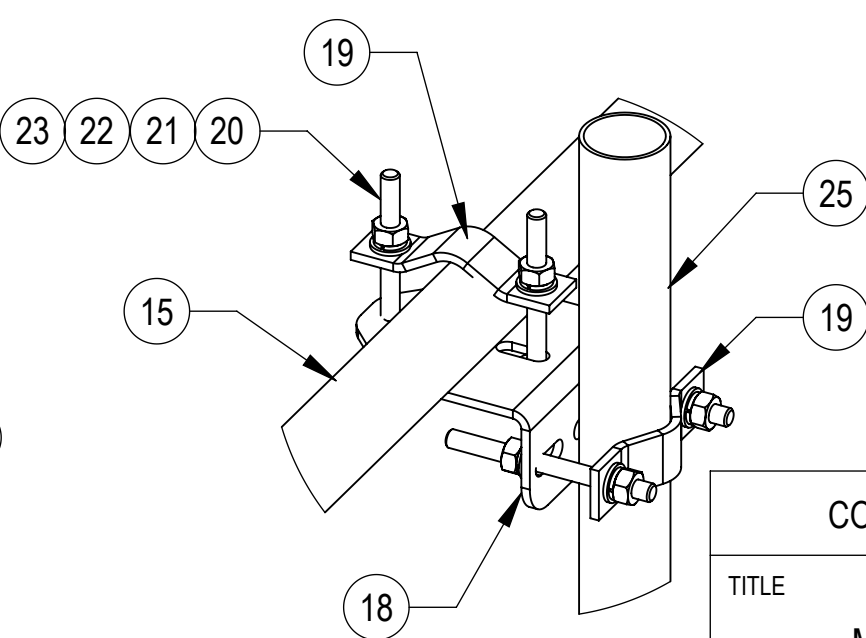
DETAIL B
SCALE 1 : 5



DETAIL F
SCALE 1 : 5



DETAIL C
SCALE 1 : 5



DETAIL D
SCALE 1 : 5

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-RM1030-4	FOUR SECTOR RING MOUNT, 10-30 OD	1	203.64 LBS	
2	MTC820102	SLIDER BASE	4	65.55 LBS	
3	MTC820103	PLATFORM	4	298.14 LBS	
4	MTC820113	GRATING CORNER FILLER	4	62.78 LBS	
5	GUB-4355	1/2" X 3-5/8" X 5" GALV U-BOLT	24	0.71 LBS	
6	MT-387	SQUARE WASHER 1-1/2"X1-1/2" W/ 7/16 HOLE	40	0.11 LBS	
7	GWF-03	3/8" GALV FLAT WASHER	40	0.01 LBS	
8	GB-03225	3/8" X 2-1/4" GALV BOLT KIT	40	0.09 LBS	
9	GB-0524A	5/8" X 2-1/2" GALV BOLT KIT (A325)	16	0.30 LBS	
10	MT389	WASHER, 1-1/2" X 1 5/8", 11/16" HOLE,SQ	8	0.11 LBS	
11	GB-0570A	5/8" X 7" GALV BOLT KIT A325	4	0.69 LBS	
12	MT21701	PIPE MOUNT PLATE	12	7.93 LBS	
13	GUB-4240	1/2" X 2-1/2" X 4" GALV U-BOLT	40	0.56 LBS	
14	GUB-4356	1/2" X 3-5/8" X 6" GALV U-BOLT	24	0.81 LBS	
15	MT-651-150	2.375" OD X 150" PIPE	4	36.34 LBS	
16	MTC343203	HANDRAIL SUPPORT ANGLE	4	25.62 LBS	
17	MTC343201	CORNER BRACKET	4	13.18 LBS	
18	XAU01	ANGLE, CROSSOVER, 1.9-3.5" X 1.9-3.5" OD	12	2.98 LBS	
19	ACP10	1.5" - 3.5" O.D. CLAMP HALF	24	0.61 LBS	
20	MT-379-6	1/2" X 6" GALV THREADED ROD	48	0.33 LBS	
21	GWL-04	1/2" GALV LOCK WASHER	96	0.01 LBS	
22	GWF04A	1/2" GALV FLAT WASHER (A325)	96	0.02 LBS	
23	GN-04A	1/2" GALV HEX NUT (A194 2H)	96	0.07 LBS	
24	MT21601	PIPE, 3-1/2"OD X 150"	4	75.85 LBS	
25	MT-651-96	2.375" OD X 96" PIPE	12	23.05 LBS	

COMMSCOPE, INC. OF NORTH CAROLINA					
TITLE MP,PLF,4S,12'FP,(12)096"AP,W/HR					
SIZE C	SCALE 1:20	DOCUMENT NO. MC-PK12S4-12-96			
 		DRAWING		SHEET 3 OF 3	
		VERSION	STATUS		REVISION
		00	RE		A