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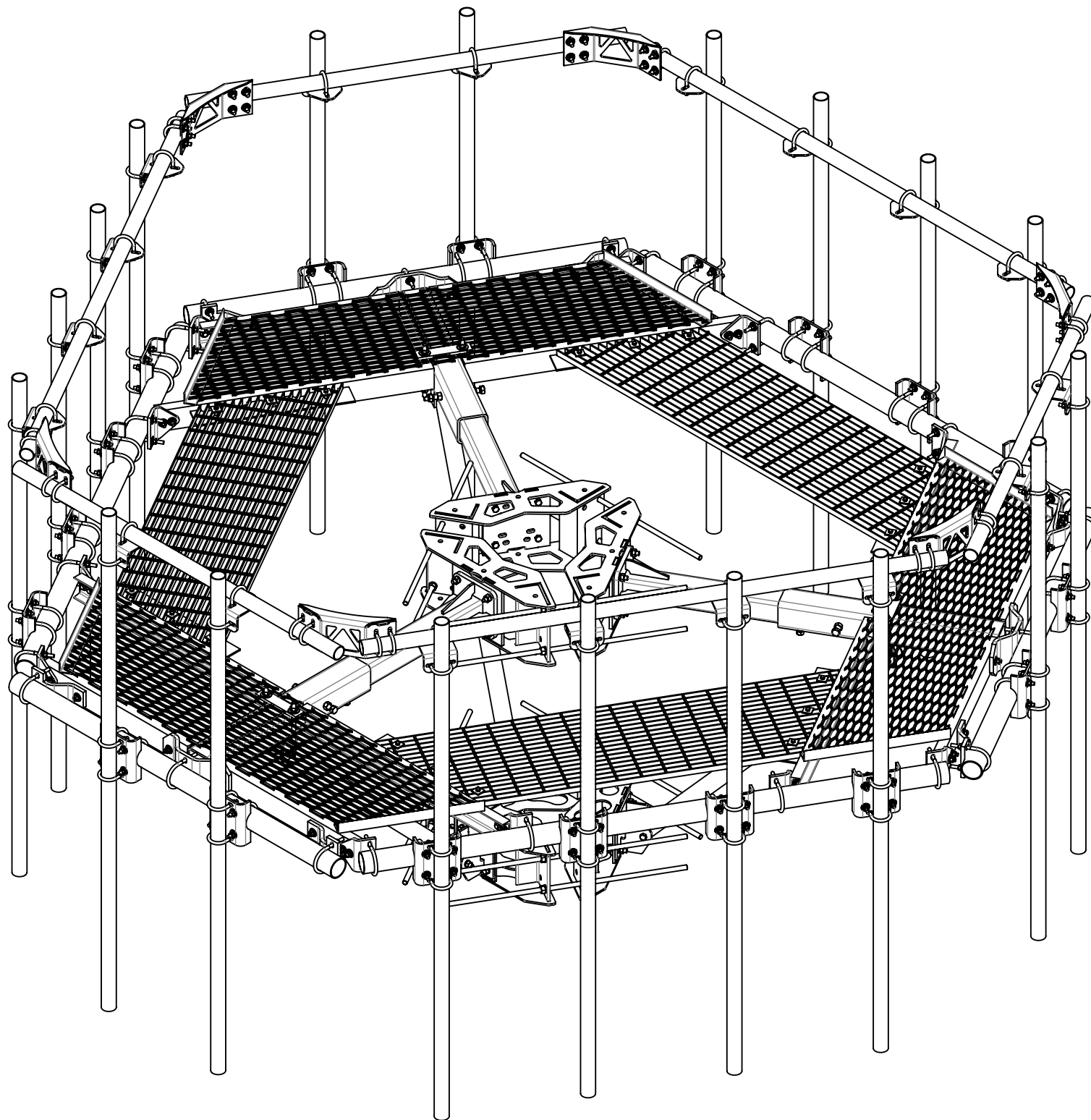
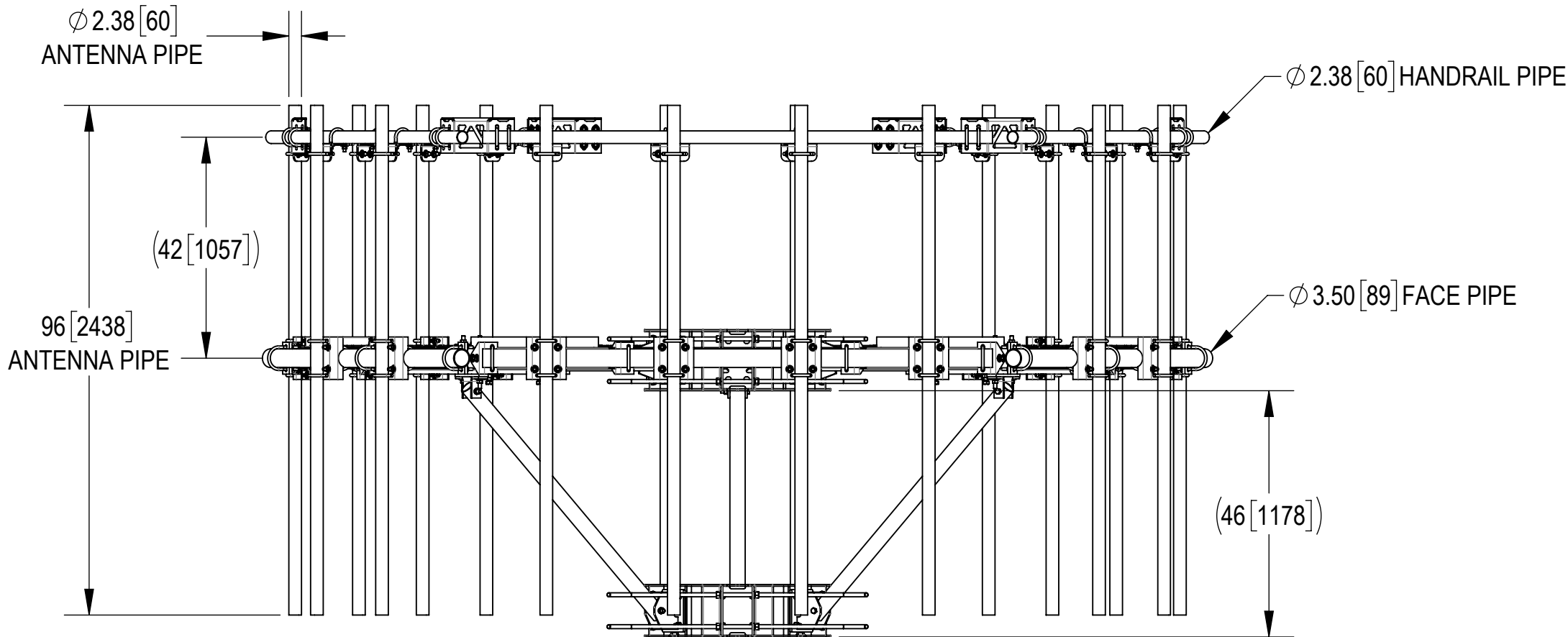
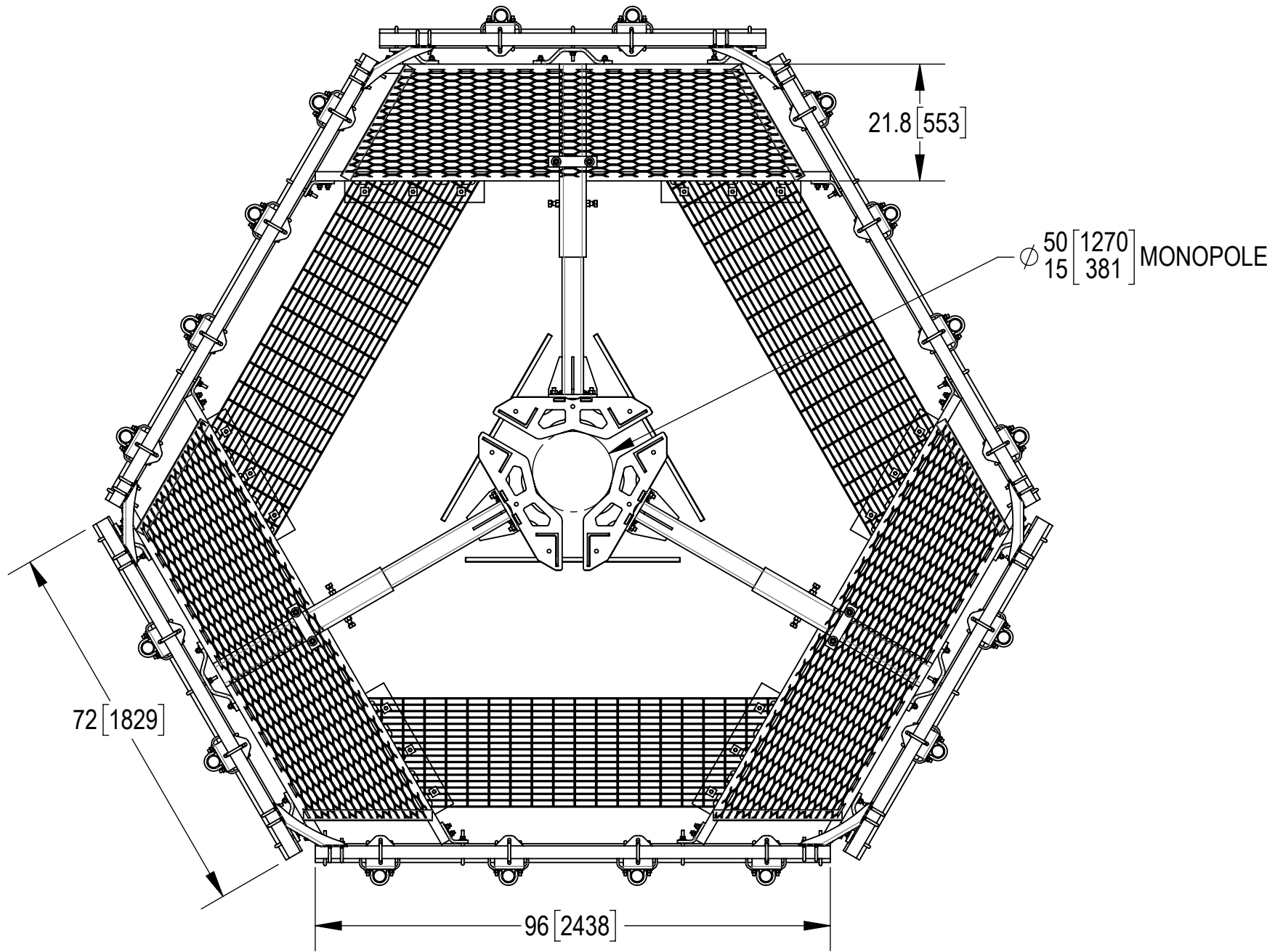
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- 1.0 GENERAL NOTES
- 1.1 ALL METRIC DIMENSIONS ARE IN BRACKETS [X.X]
- 1.2 FOR PATENT INFO: <https://www.adwpat.com>
- 2.0 DESIGN NOTES
- 2.1 ANY HAZARDS OR OBSTRUCTIONS TO THE CLIMBING FACILITY AND SAFETY CLIMB MUST BE IDENTIFIED PRIOR TO INSTALLING 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"-50" 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.
- 3.2 TORQUE 1/2" HARDWARE TO 50 FT-LBS.
TORQUE 5/8" HARDWARE TO 50 FT-LBS.
TORQUE U-BOLTS TO 44 FT-LBS.
- 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	DRR 06/14/17	8000023949
B	UPDATED BRACKETS	ES1081 09/09/20	8000042335
C	GB-0550A WAS GB-0546A TO MATCH WITH SAP BOM; MTC300618 WAS MTC398422; ADDED GWF-03; CHG GUB-4355 TO GUB-4356	RY1002 08MAY25	BA1025 50102553AMO



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TOLERANCES		SAP MATERIAL MASTER	
1 PLACE .X(X) ± .25[6.4]	3 PLACE .XXX(X) ± 0.060[1.5]	MTC3984	
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 ES1081	08/21/20	PLATFORM, MONOPOLE - 6 SECTOR
	RW RY1002	06/04/2025	
	AD YC1015	06/04/2025	
	RE YMENG	06/12/2025	
ECN 50102822AMO			SCALE 1:22
			DOCUMENT NO. MTC3984
SIZE		Auth Group	INSL
C			
		MODEL	DRAWING
VERSION	STATUS	REVISION	VERSION
04	RE	C	05
		STATUS	REVISION
		C	C
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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				
			MIN	MAX	MIN	MAX		MC-RM1550-3	MTC3984RK	MTC3984PB	MTC3984SB	MTC3984HK
MTC3984	PLATFORM, MONOPOLE - 6 SECTOR	2920.69	37.15	37.88	45.43	46.33	18	1	1	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 (FT^2)*	(EPA)A W/ 1/2" ICE THICKNESS (FT^2)*
2-3/8" X 96"	1.52	2.16

- NOTE:
- ANTENNA PIPES ARE CONSIDERED SEPARATELY.
 - KA FACTOR OF 3-SECTOR EPA INCLUDED.
 - 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 MAXIMUM OF MTC3984 HAS A 3-SECTOR EPA OF 37.88 FT2 WITH NO ICE PLUS 18 ANTENNA PIPES WITH A 3-SECTOR EPA OF 18X1.52=27.36 FT2 WITH NO ICE.
SO, THE TOTAL EPA OF 65.24 FT2 FOR THE MAXIMUM OF MTC3984.



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TITLE
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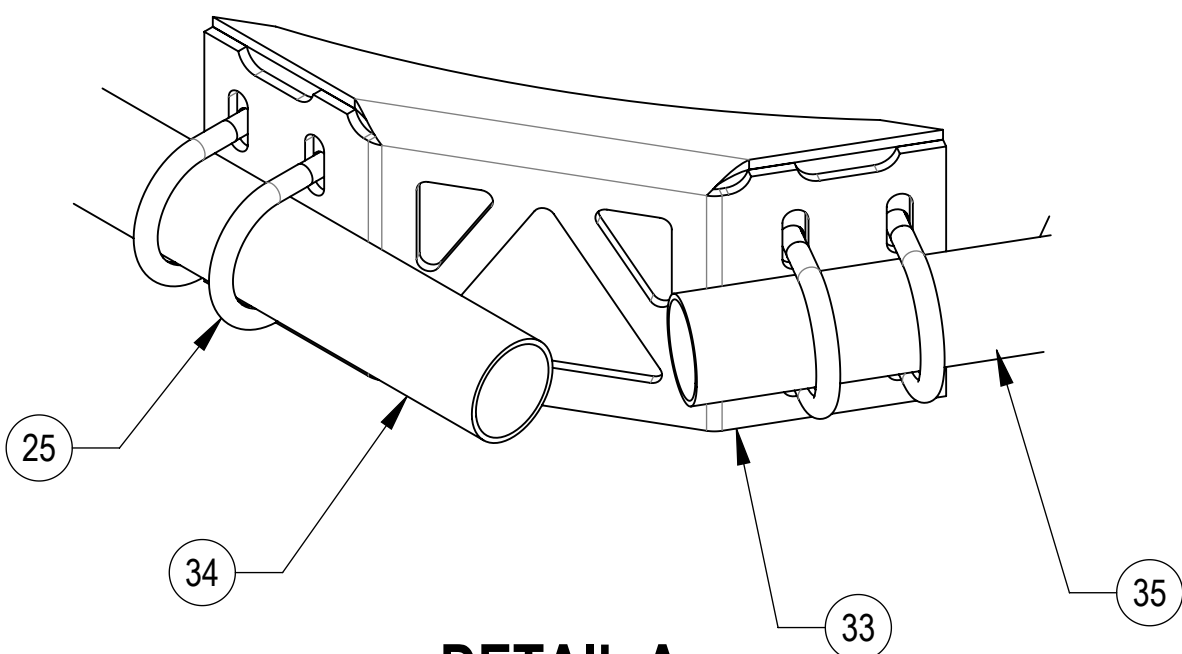
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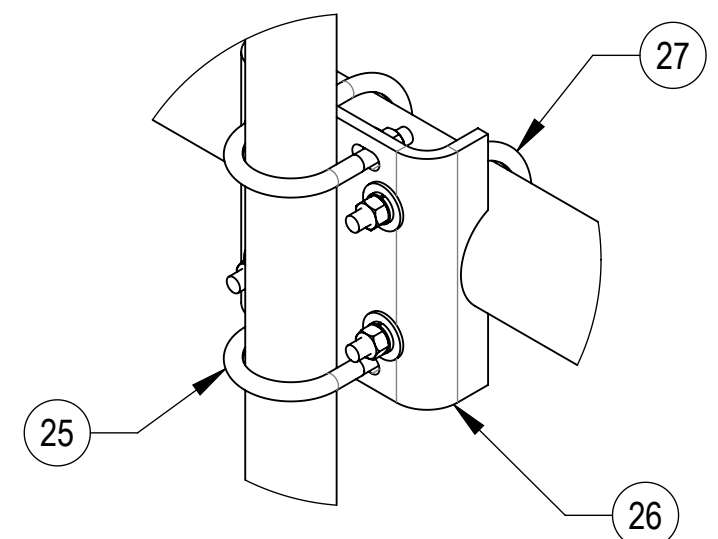
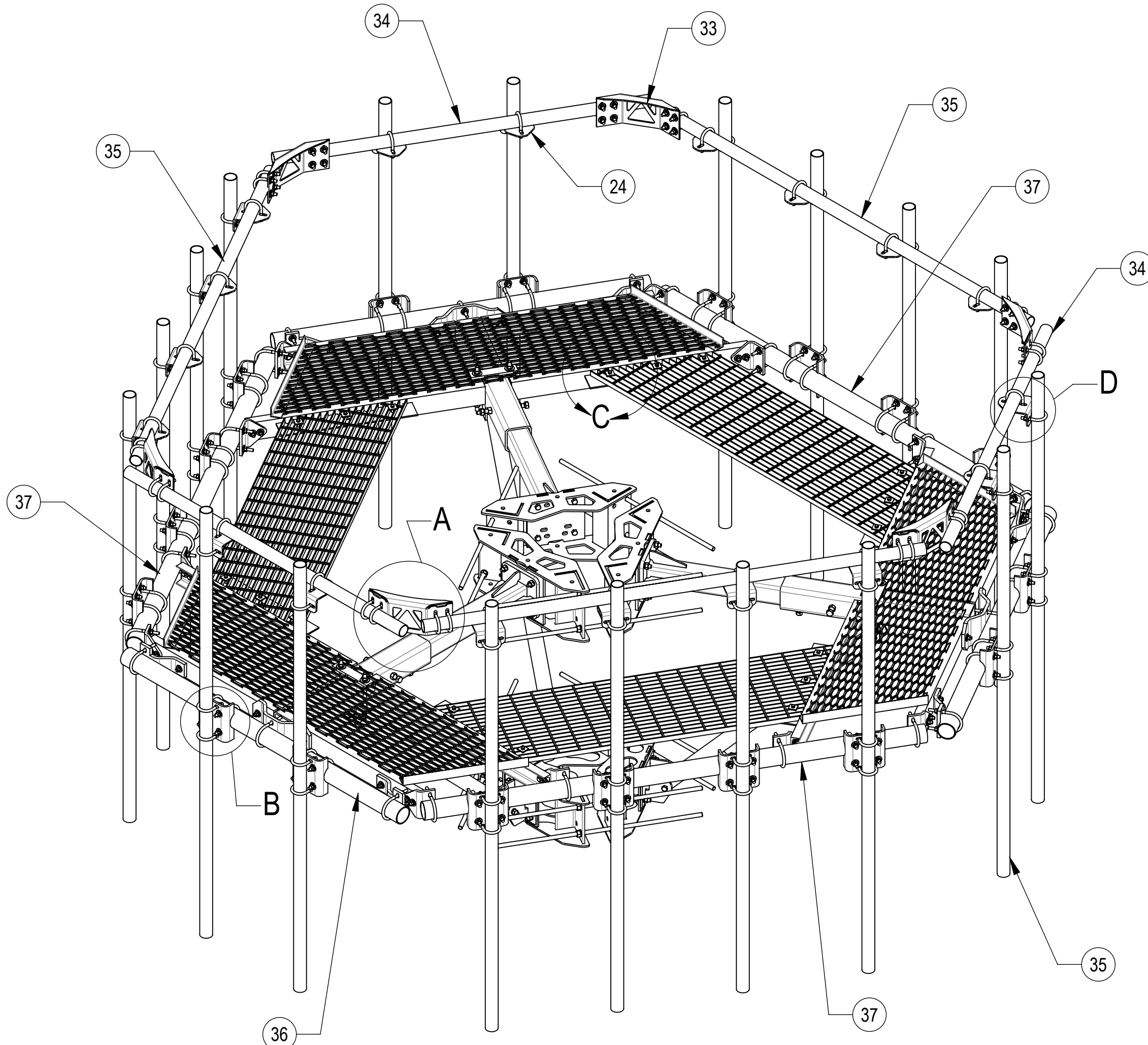


DETAIL A
SCALE 1 : 4

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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
1	MC-RM1550-3	15" - 50" OD RINGMOUNT	1	229.90 LBS
2	MTC398401	WELDMENT, 6 SECTOR PLATFORM	3	210.43 LBS
3	MTC398402	WELDMENT, 6 SECTOR - STANDOFF TUBE	3	62.34 LBS
4	MTC398419	GRATING, FILLER	3	66.49 LBS
5	MTC306504W	1550 RM WELDMENT	3	49.37 LBS
6	MT38440	3/4" X 40" GALV THREADED ROD GRADE B7	6	4.98 LBS
7	GWL-06	3/4" GALV LOCK WASHER	12	0.04 LBS
8	GN-06	3/4" GALV HEX NUT	12	0.15 LBS
9	MTC323704	CLAMP BAR	6	2.37 LBS
10	RK01	KICKER STANDOFF WELDMENT	3	12.54 LBS
11	RK02	CONNECTION BRACKET	6	1.21 LBS
12	RK60	KICKER ARM SUPPORT TUBE 5'	3	28.73 LBS
13	MT-381-10	5/8" X 10" GALV THREADED ROD	6	0.86 LBS
14	GWF-05	5/8" GALV FLAT WASHER, 1.7OD	12	0.06 LBS
15	GWL-05	5/8" GALV LOCK WASHER	12	0.03 LBS
16	GN-05	5/8" GALV HEX NUT	12	0.08 LBS
17	GB-0550A	5/8" X 5" GALV BOLT KIT (A325)	6	0.52 LBS
18	GB-0520A	5/8" X 2" GALV BOLT KIT (A325)	12	0.26 LBS
19	GB-03225	3/8" X 2-1/4" GALV BOLT KIT	18	0.09 LBS
20	MT-387	SQUARE WASHER 1-1/2"X1-1/2" W/ 7/16 HOLE	18	0.11 LBS
21	GWF-03	3/8" GALV FLAT WASHER	18	0.01 LBS
22	GB-04205	1/2" X 2" GALV BOLT KIT	36	0.16 LBS
23	GWF-04	1/2" GALV FLAT WASHER	72	0.04 LBS
24	XAU01	ANGLE, CROSSOVER, 1.9-3.5" X 1.9-3.5" OD	18	2.98 LBS
25	GUB-4240	1/2" X 2-1/2" X 4" GALV U-BOLT	96	0.56 LBS
26	MT21701	PIPE MOUNT PLATE	18	7.93 LBS
27	GUB-4356	1/2" X 3-5/8" X 6" GALV U-BOLT	57	0.81 LBS
28	GB-06205	3/4" X 2" GALV BOLT KIT	12	0.40 LBS
29	GB-0524A	5/8" X 2-1/2" GALV BOLT KIT (A325)	12	0.30 LBS
30	MTC300618	MOUNTING PLATE FOR MT-196	12	4.38 LBS
31	MTC398423	BRACKET, FACE PIPE SUPPORT - CENTER	3	16.44 LBS
32	MTC398424	BRACKET, FACE PIPE SUPPORT - END	6	6.42 LBS
33	MTC398420	CORNER WELDMENT FOR MTC3984	6	7.57 LBS
34	MT-651	2.375" OD X 72" PIPE	3	17.44 LBS
35	MT-651-96	2.375" OD X 96" PIPE	21	23.05 LBS
36	MT54772	3.5" OD X 72" PIPE	3	36.41 LBS
37	MT54796	3.5" O.D. X 96" PIPE	3	48.54 LBS



DETAIL B
SCALE 1 : 5

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TITLE

PLATFORM, MONOPOLE - 6 SECTOR

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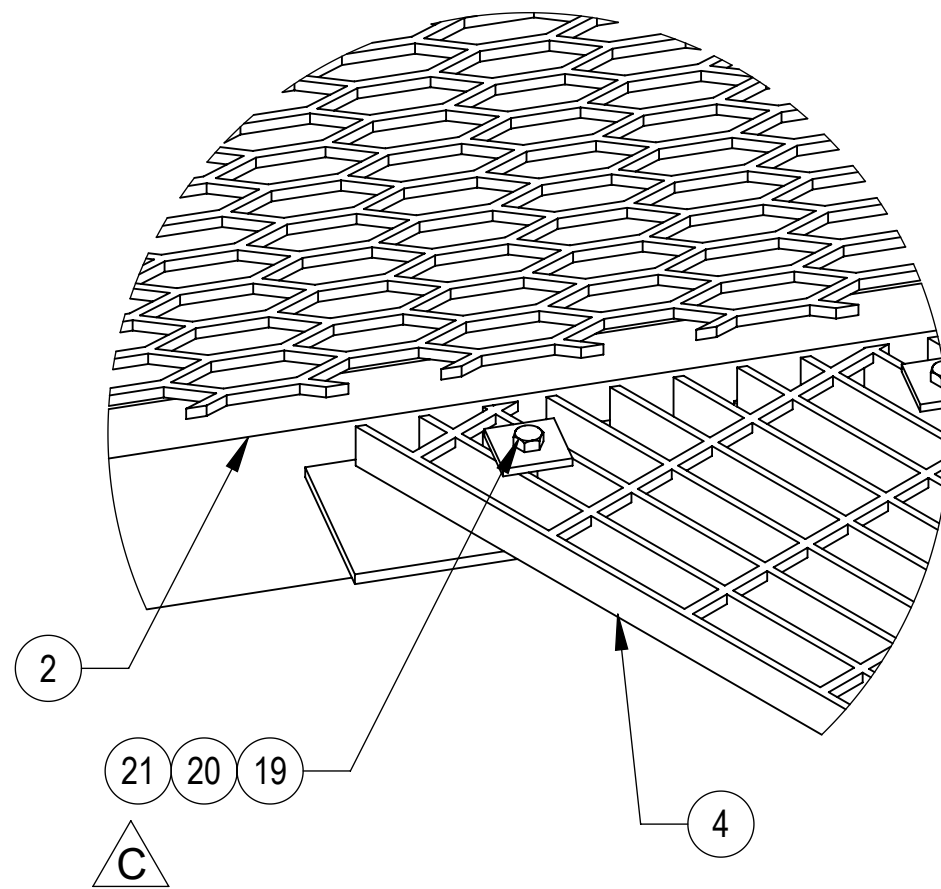
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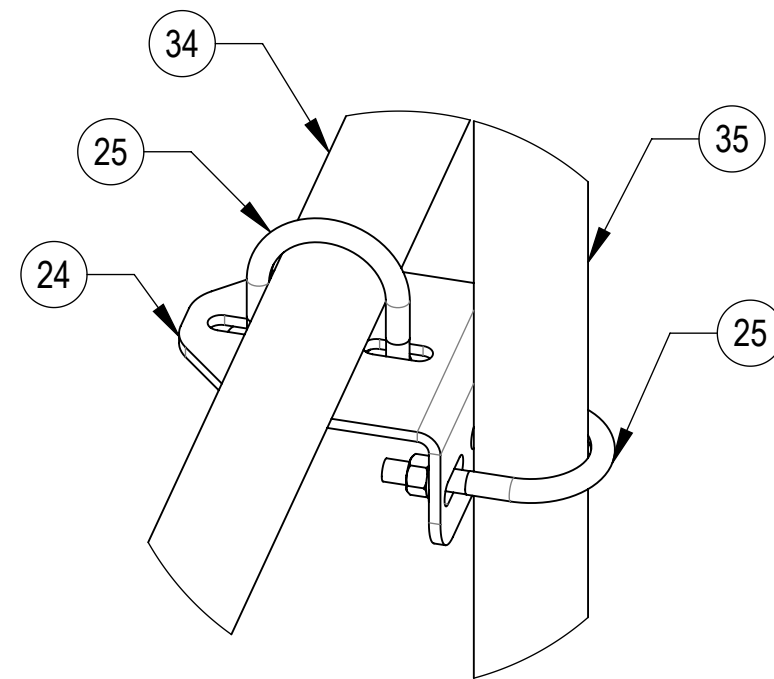
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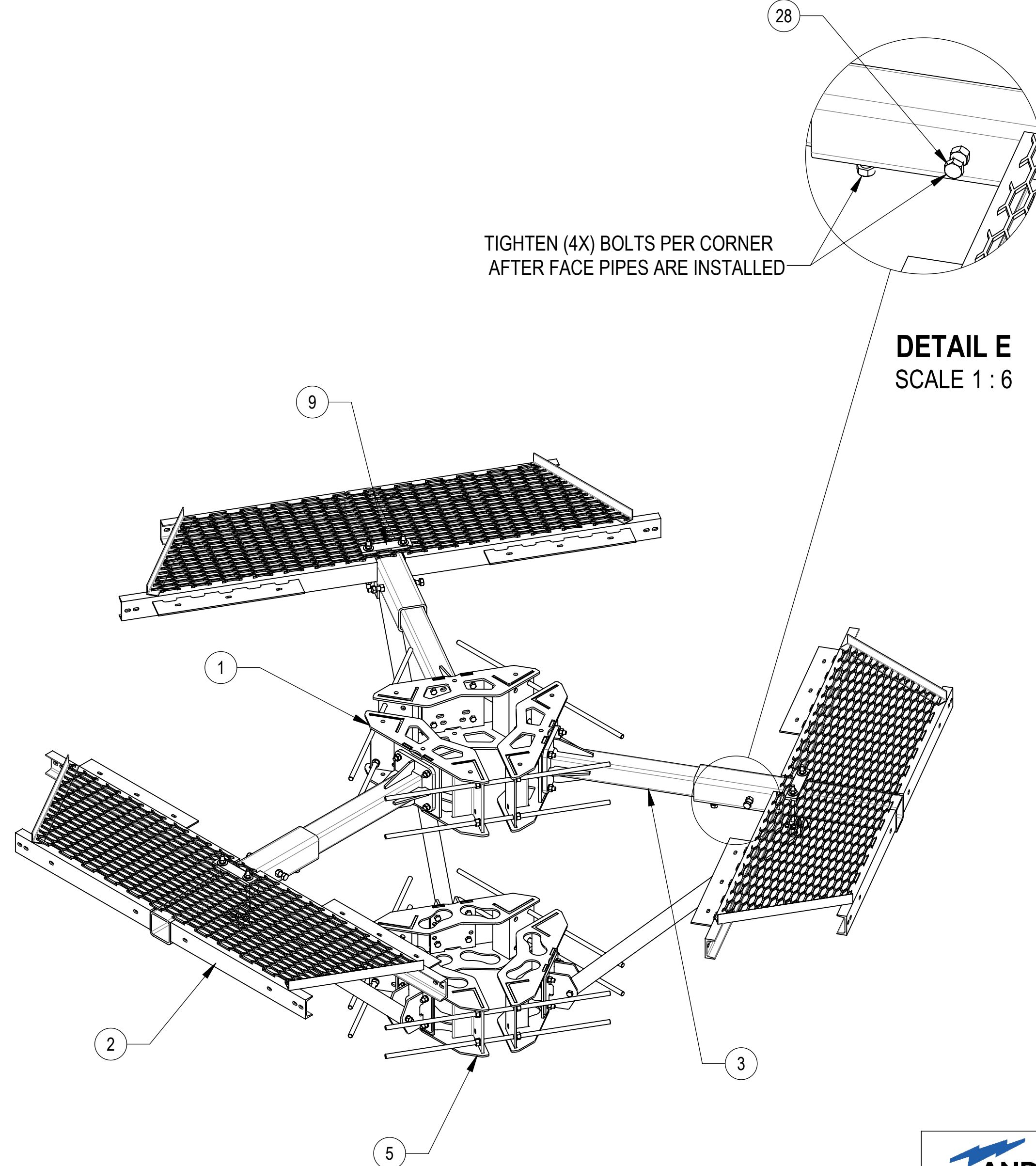
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DETAIL C
SCALE 1 : 4



DETAIL D
SCALE 1 : 4



TIGHTEN (4X) BOLTS PER CORNER
AFTER FACE PIPES ARE INSTALLED

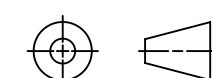
DETAIL E
SCALE 1 : 6

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TITLE
PLATFORM, MONOPOLE - 6 SECTOR

SIZE C	SCALE 1:16	DOCUMENT NO. MTC3984		
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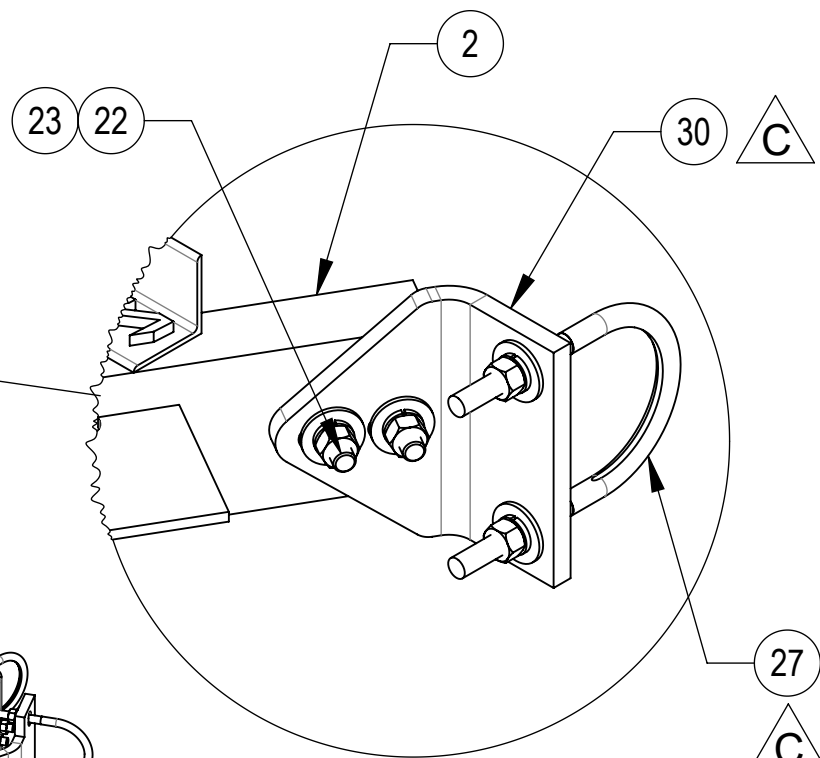
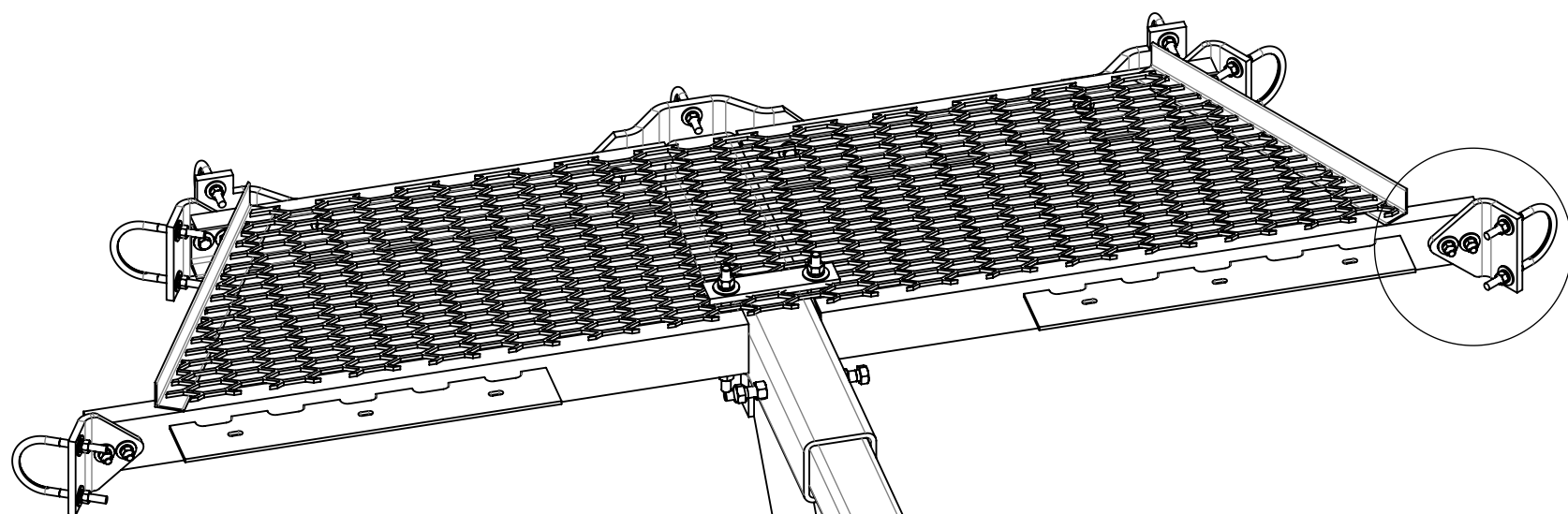
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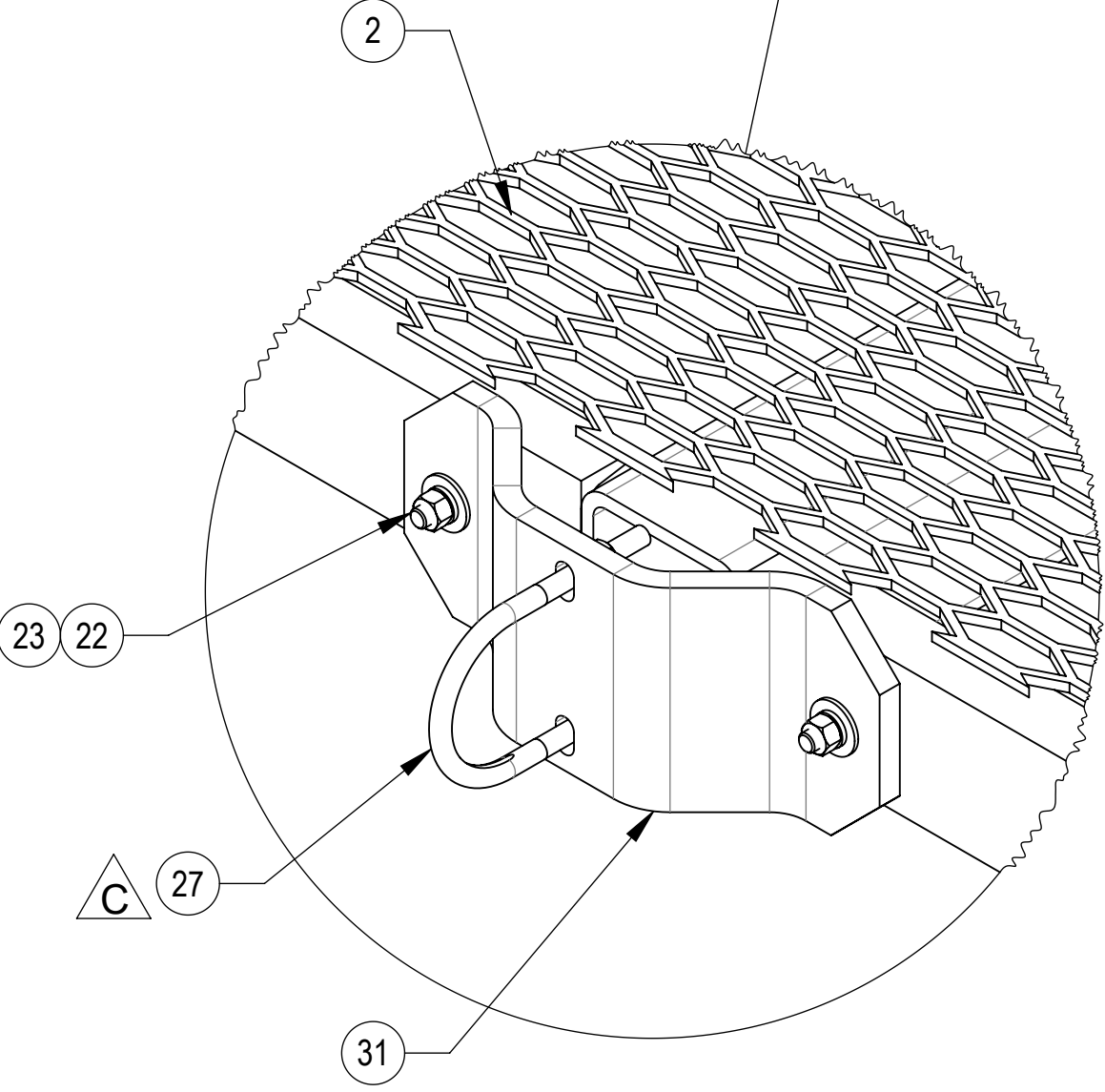
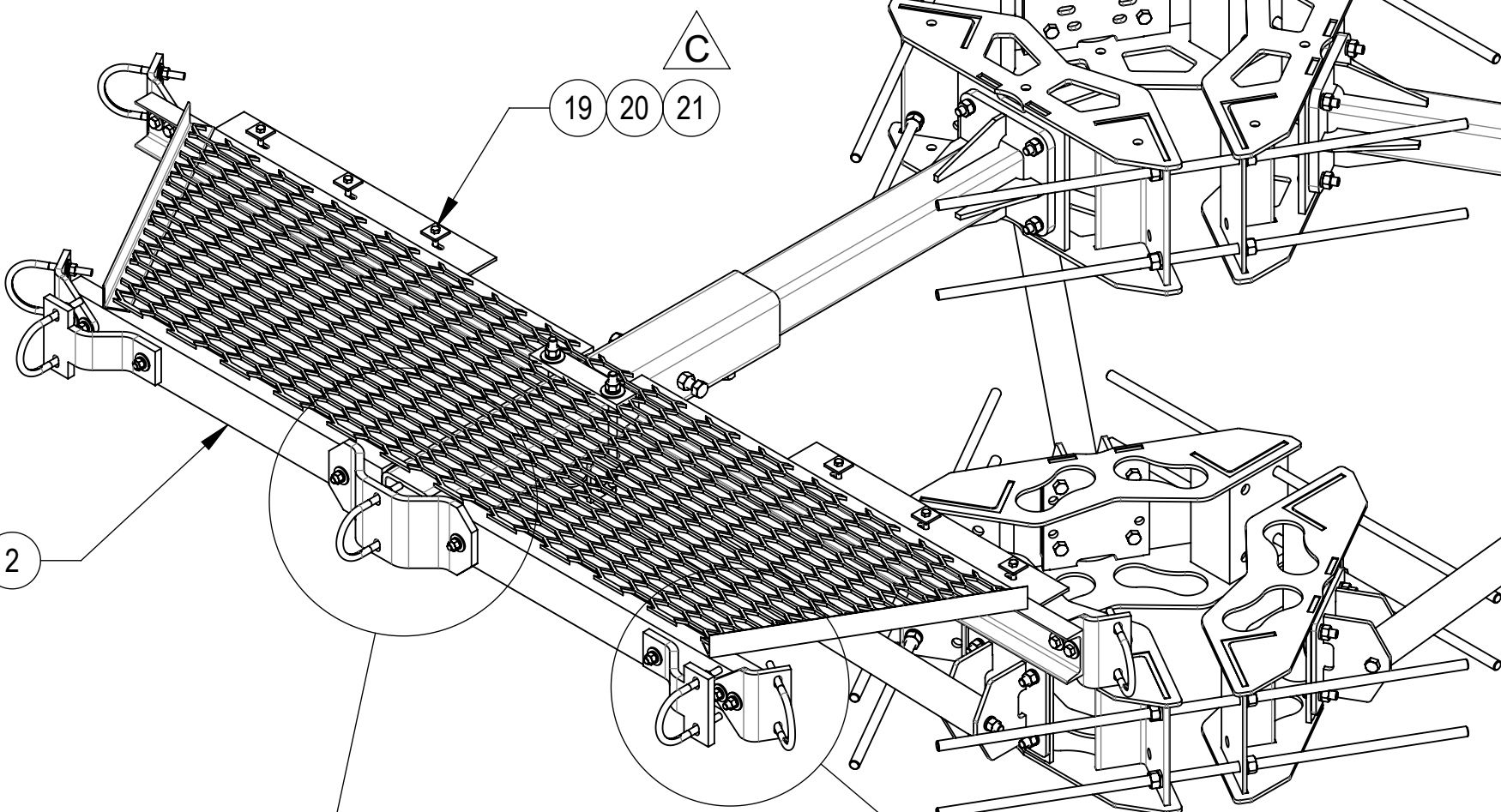
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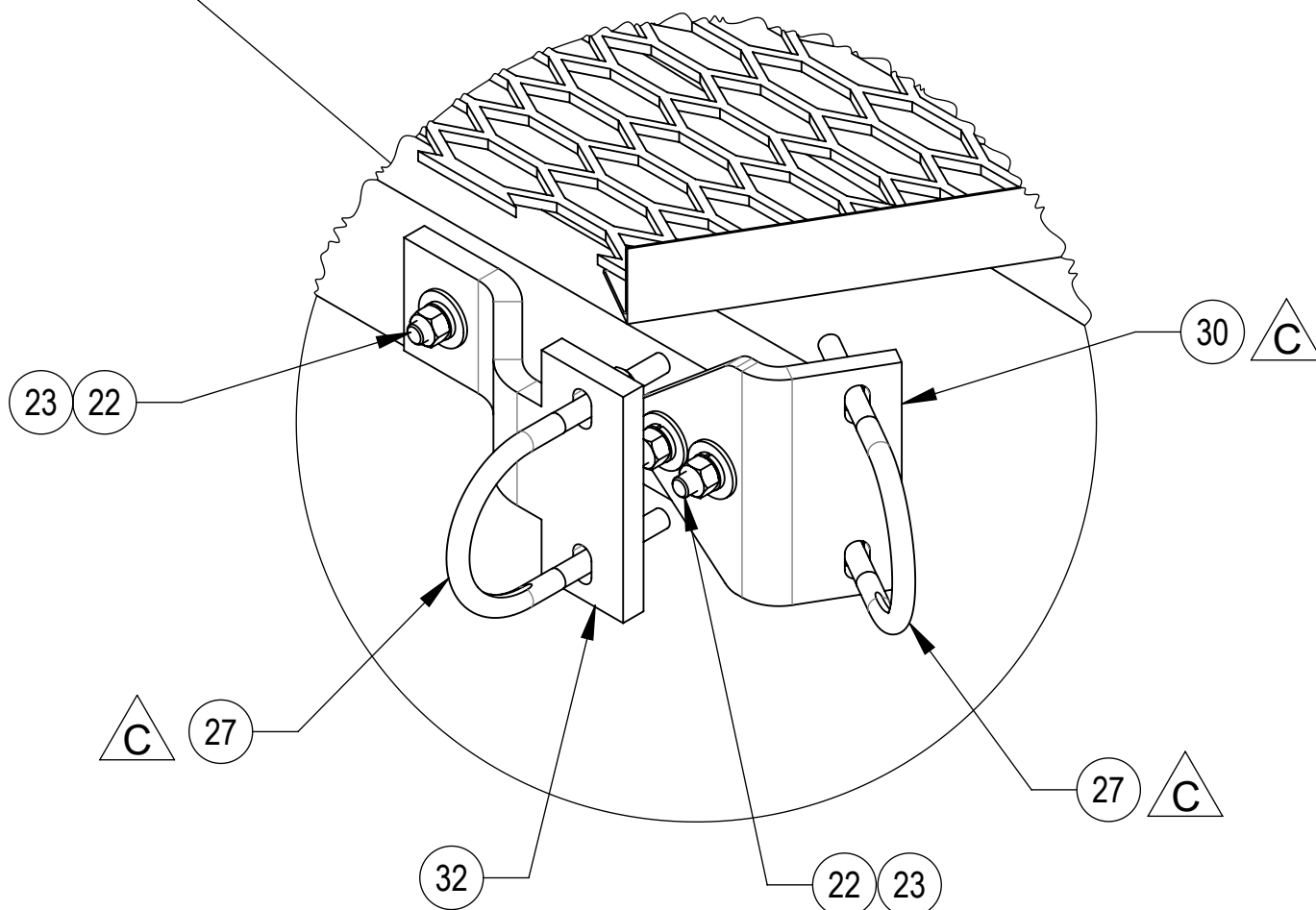
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DETAIL H
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DETAIL F
SCALE 1 : 4



DETAIL G
SCALE 1 : 4



TITLE
PLATFORM, MONOPOLE - 6 SECTOR

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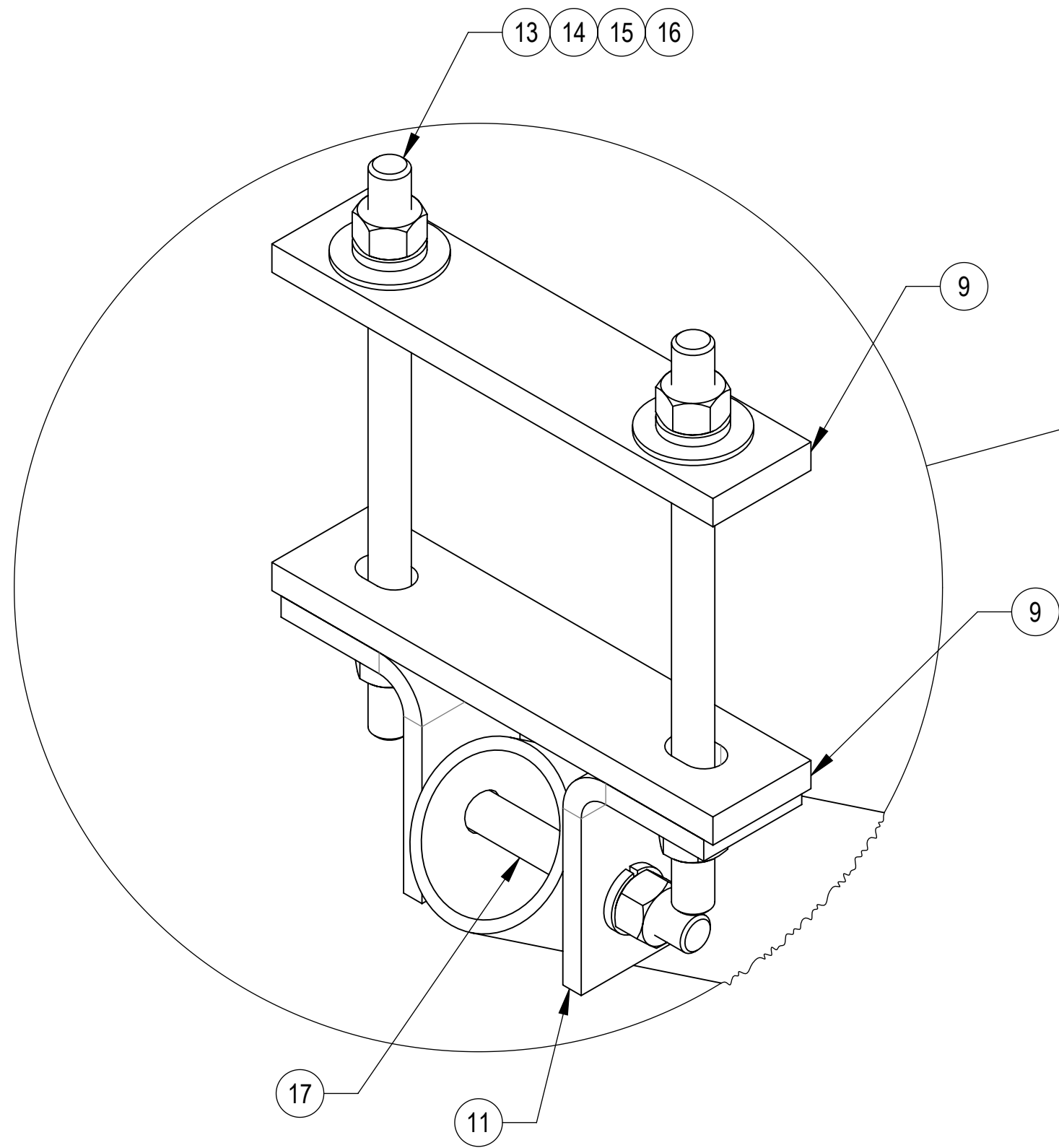
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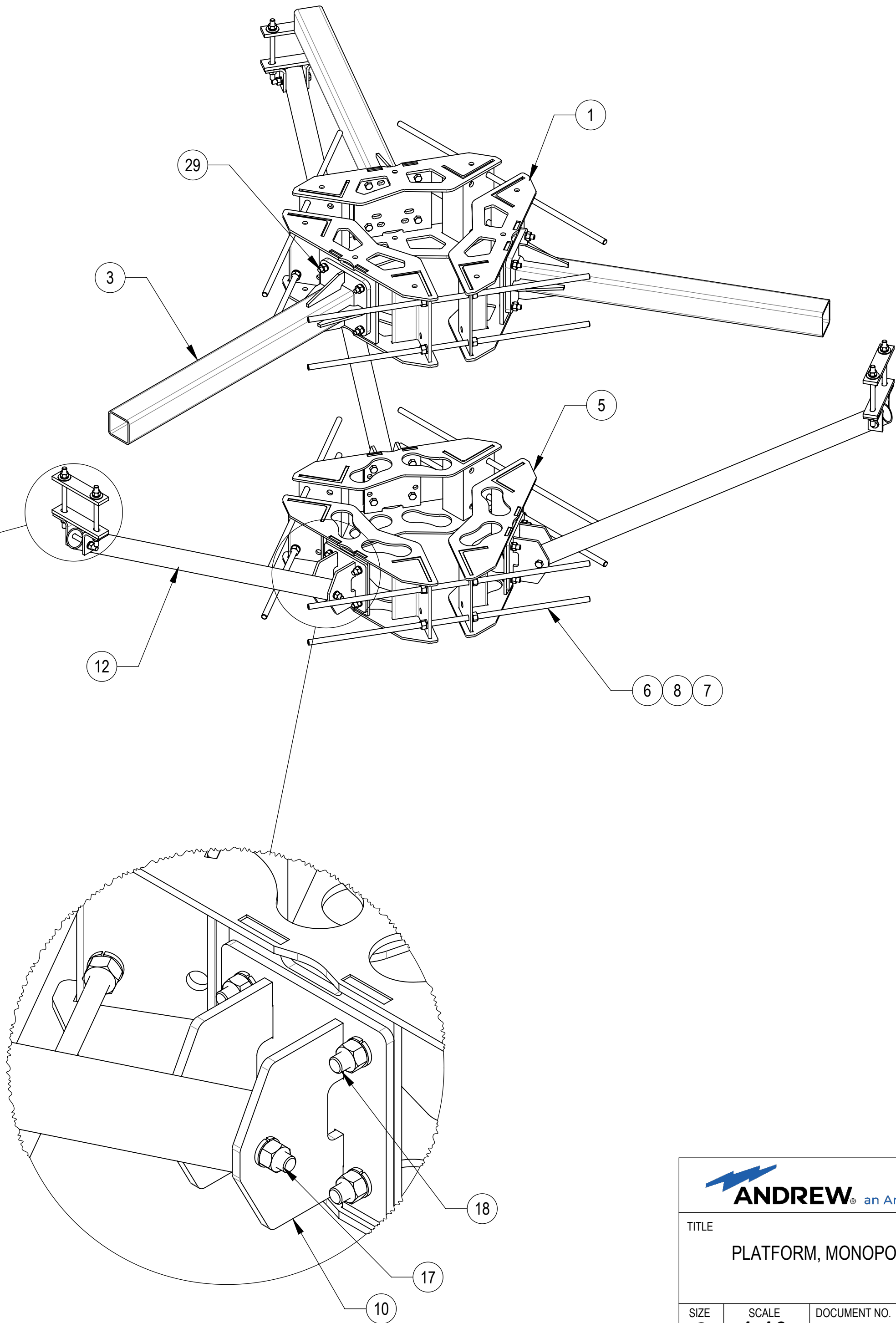
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DETAIL J
SCALE 1 : 2



DETAIL K
SCALE 1 : 3



TITLE
PLATFORM, MONOPOLE - 6 SECTOR

SIZE **C** SCALE **1:16** DOCUMENT NO. **MTC3984**



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