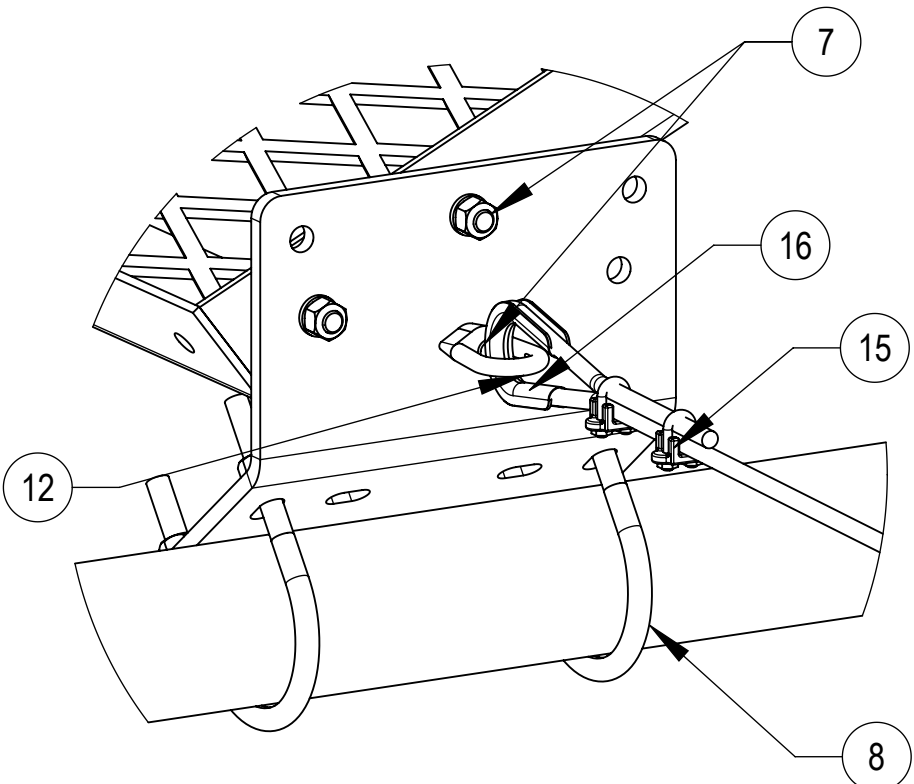
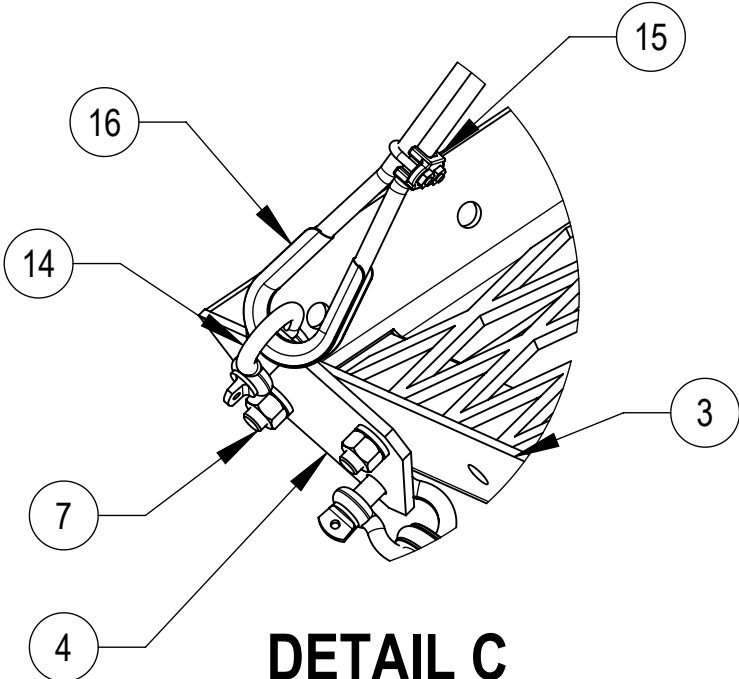


- 4
- 3
- 2
- 1
- 1.0 GENERAL NOTES
- 1.1 ALL METRIC DIMENSIONS ARE IN BRACKETS [X. X]
- 1.2 FOR PATENT INFO: <https://www.adwpat.com>
- 2.0 DESIGN NOTES
- 3.0 MANUFACTURING/SPECIAL REQUIREMENTS
- 3.1 TIGHTEN ALL BOLTS SECURING FLAT PLATES BY THE TURN-OF-NUT METHOD. TIGHTEN ALL U-BOLTS USING TURN-OF-NUT METHOD WITH ATTENTION TO LEAVE EQUAL DISTANCE AND EQUAL FORCE ON EACH LEG OF THE U-BOLT.
- 3.2 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.
- 3.4 3 BOLTS AT EACH PANEL CONNECTION.
- 3.5 MINIMUM 45 FT-LBS OF TORQUE ON CABLE CLIPS.
- 3.6 MUST HAVE ALL 7 GUY CABLE LOCATIONS.
- 3.7 BRACKETS ARE MODEL DEPENDENT. BRACKETS CAN BE MOUNTED TO SIDES OR REAR.
- 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
D	INITIAL RELEASE	DRR 01MAR11	TP
E	REDRAWN IN SW	YX1027 09AUG24	BA1025 40202084CMO
F	ADDED SHEET 4	YC1059 25JUN26	LX1002 50108824AMO



DETAIL B
SCALE 1 : 4



DETAIL C
SCALE 1 : 4

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

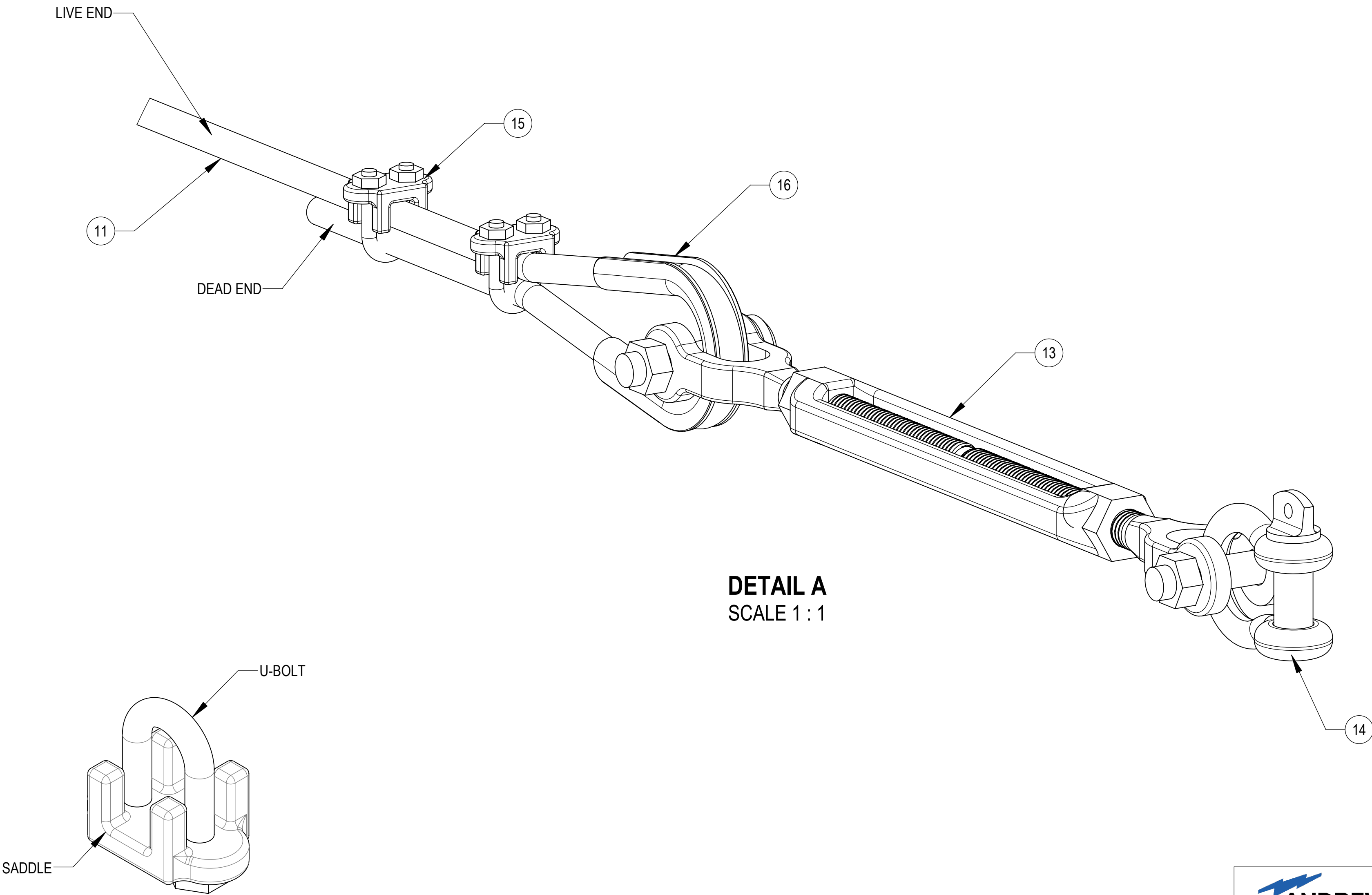
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	WEIGHT	NOTE NO.
1	MDS03	48" X 36" PANEL	3	87.02 LBS	
2	MT547140	3-1/2" O.D. X 140" PIPE	1	68.20 LBS	
3	MDS04	48"X48" PANEL FOR DISH SHIELDS	3	108.52 LBS	
4	MDS17	SHACKLE PLATE	2	1.32 LBS	
5	MT21613	CENTER BRACKET	1	11.87 LBS	
6	MDS21	CENTER PLATE	2	13.14 LBS	3.7
7	GB-04125	1/2" X 1-1/4" GALV BOLT KIT	31	0.12 LBS	
8	GUB-4356	1/2" X 3-5/8" X 6" GALV U-BOLT	4	0.81 LBS	
9	GUB-53560	5/8" X 3-5/8" X 6" GALV U-BOLT	2	1.30 LBS	
10	GUB-5456	5/8" X 4-5/8" X 6½" GALV U-BOLT	2	1.43 LBS	
11	MT-297	7 X19 3/8 (200 FOOT) WIRE ROPE	1	2.46 LBS	
12	MT-309	EYE NUT 3/8" WITH 1/2" THREAD	2	0.26 LBS	
13	MT-320	1/2" X 6" LONG JAW-JAW TURNBUCKLE	7	1.788 LBS	
14	MT-345	3/8 SHACKLE	12	0.33 LBS	
15	MT-326	3/8" CABLE CLIP	28	0.08 LBS	
16	MT-303	3/8" OPEN THIMBLE GALV	14	0.12 LBS	

DENSITY		lbs/in³
MASS	749.84	lbs
VOLUME	2643.98	in³
SURFACE AREA	30426.14	in²
HEIGHT	119"	
LENGTH	141"	
WIDTH	157"	

ANDREW® an Amphenol company										
TOLERANCES					SAP MATERIAL MASTER					
1 PLACE .X[X] ± 0.12[3.0]			3 PLACE .XXX[X] ± 0.031[0.8]		MD-S10					
2 PLACE .XX[X] ± 0.06[1.5]			ANGLES ± 2°							
FINISH				MATERIAL						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES INTERPRET PER ANSI Y 14.5M-1994		NAME	DATE	MICROWAVE DISH SHIELD, 10' ANTENNA						
	CE	DRR	01MAR11							
	RW	YC1059	07/08/2026							
					SCALE 1:50 DOCUMENT NO. MD-S10					
	AD	YMENG	07/08/2026							
	RE	YMENG	07/08/2026							
	ECN 50108824AMO									
SIZE	Auth Group	INSL	MODEL			DRAWING			SHEET 1 OF 4	
C			VERSION	STATUS	REVISION	VERSION	STATUS	REVISION		
			01	RE	C	02	RE	F		

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- NOTES:
- 1. WIRE ROPE TURN-BACK SHOULD BE 6 1/2" MINIMUM
 - 2. APPLY CABLE CLAMP AS SHOWN (SADDLE ON LIVE END OF CABLE)
 - 3. USE TORQUE WRENCH TO TIGHTEN U-BOLT EVENLY TO 45LB/FT.
 - 4. CABLE CLIPS SHOULD BE 1" FROM END AND 1" FROM THIMBLE.



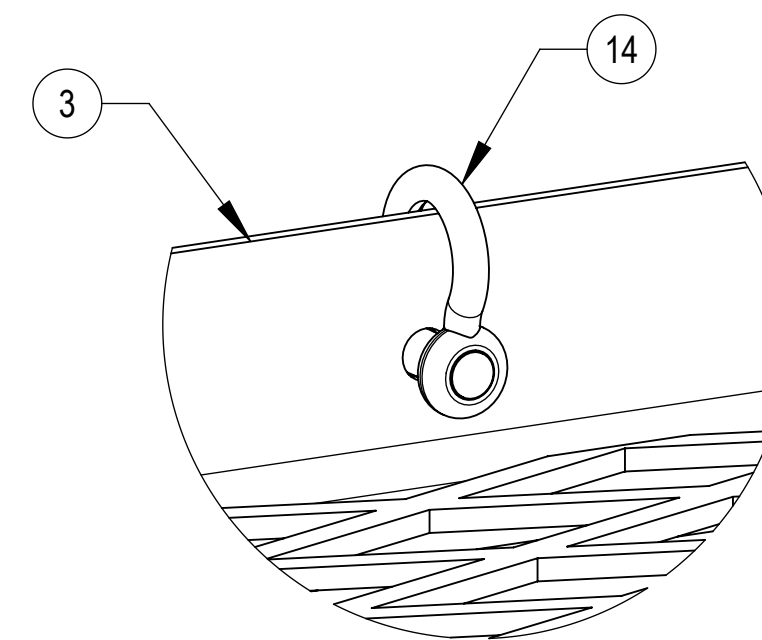
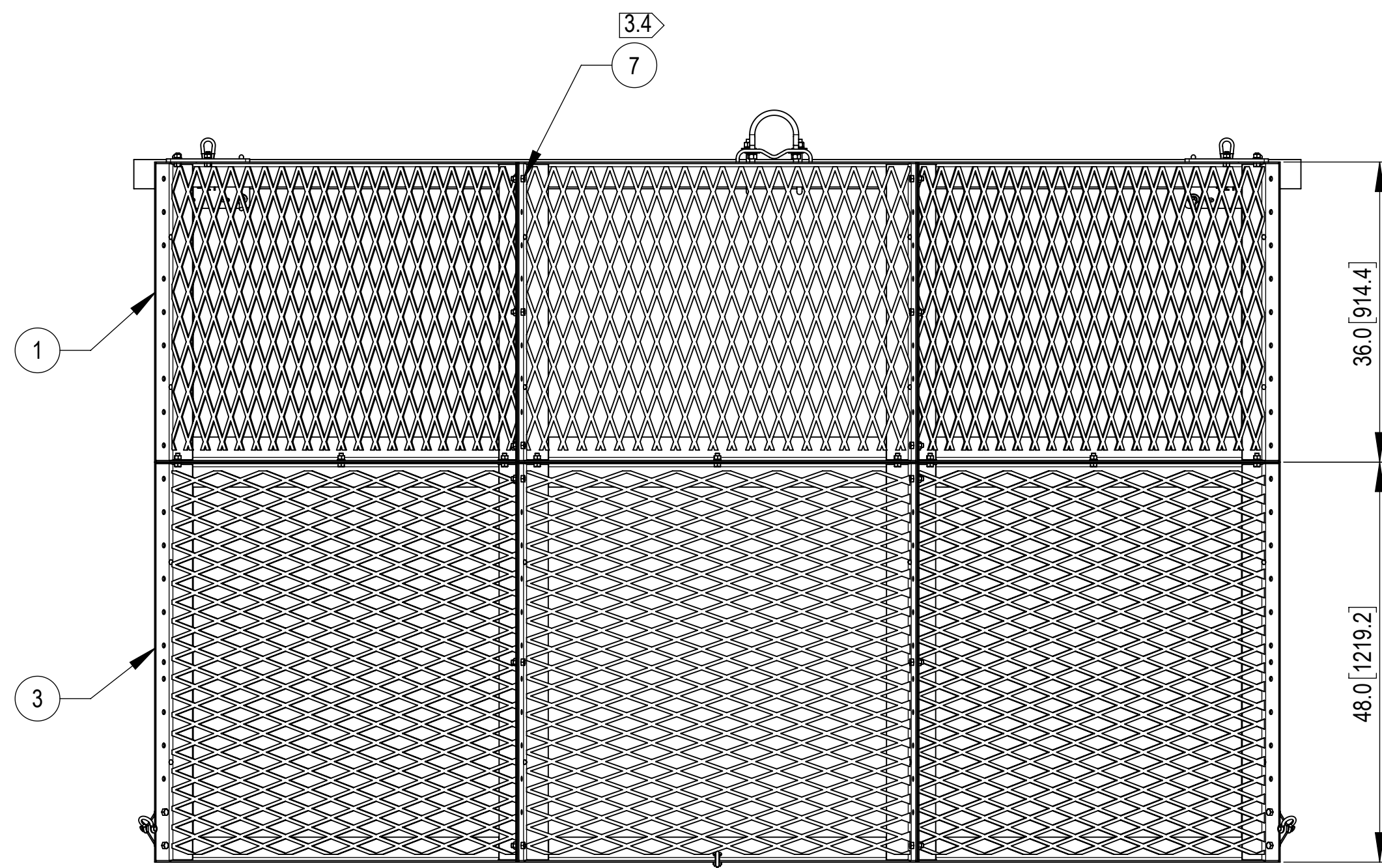
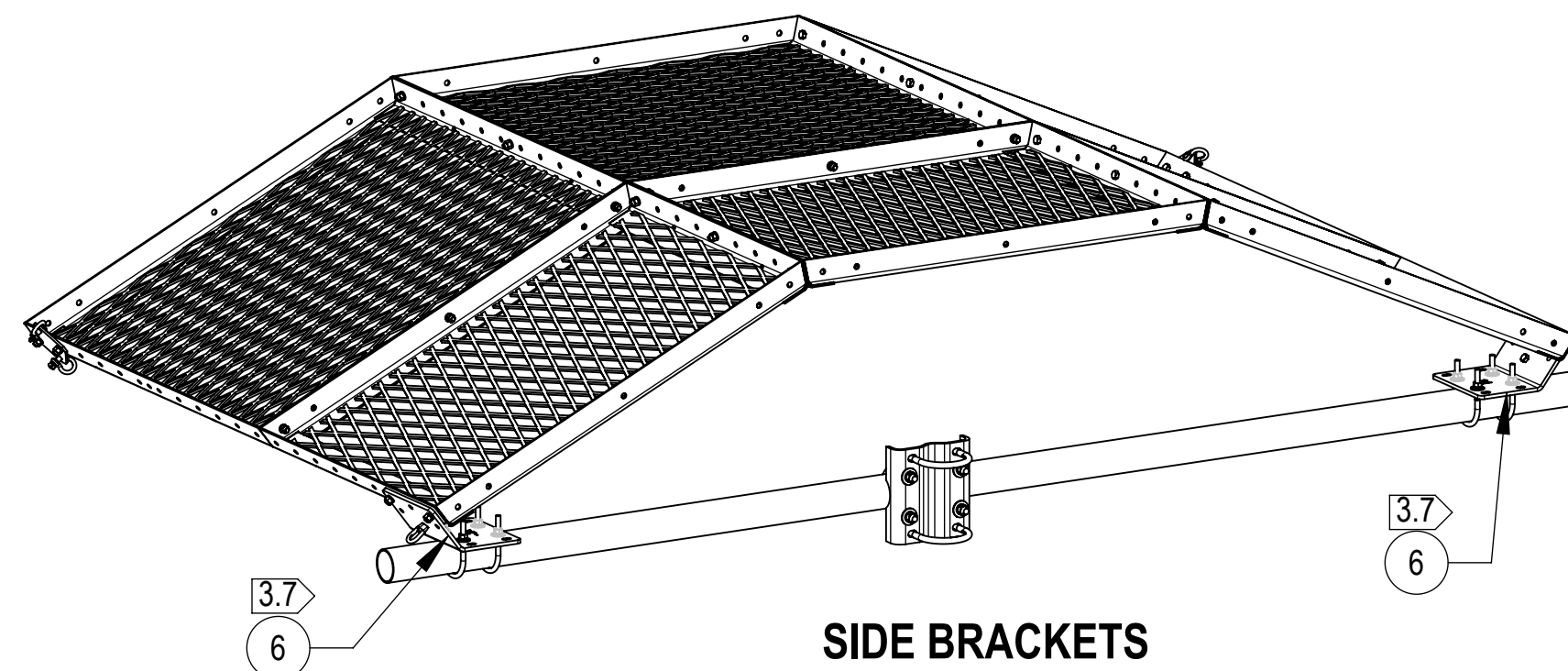
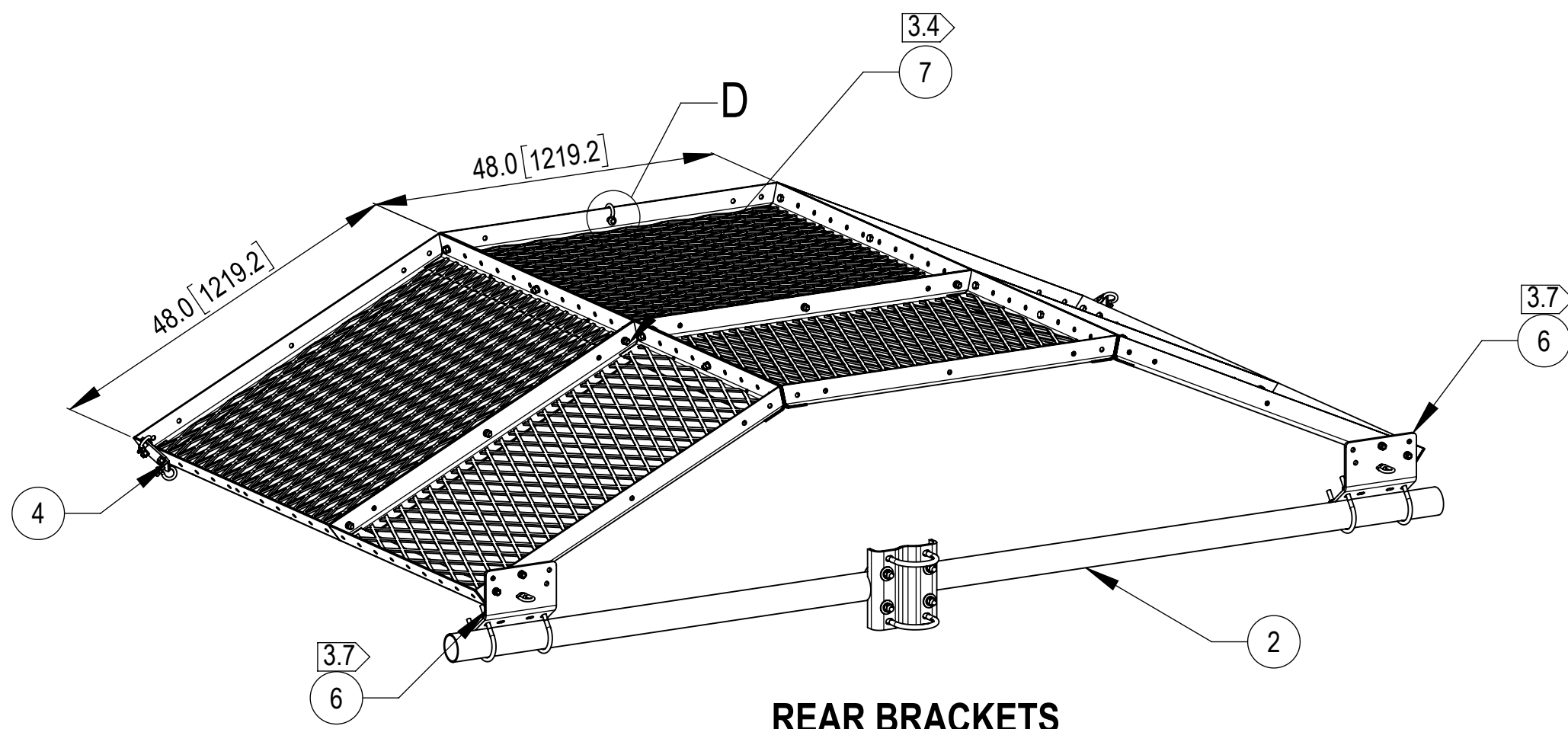
 **ANDREW**® an Amphenol company

TITLE
MICROWAVE DISH SHIELD, 10' ANTENNA

SIZE C	SCALE 1:100	DOCUMENT NO. MD-S10			
 		DRAWING			SHEET 2 OF 4
		VERSION	STATUS	REVISION	
		02	RE	F	

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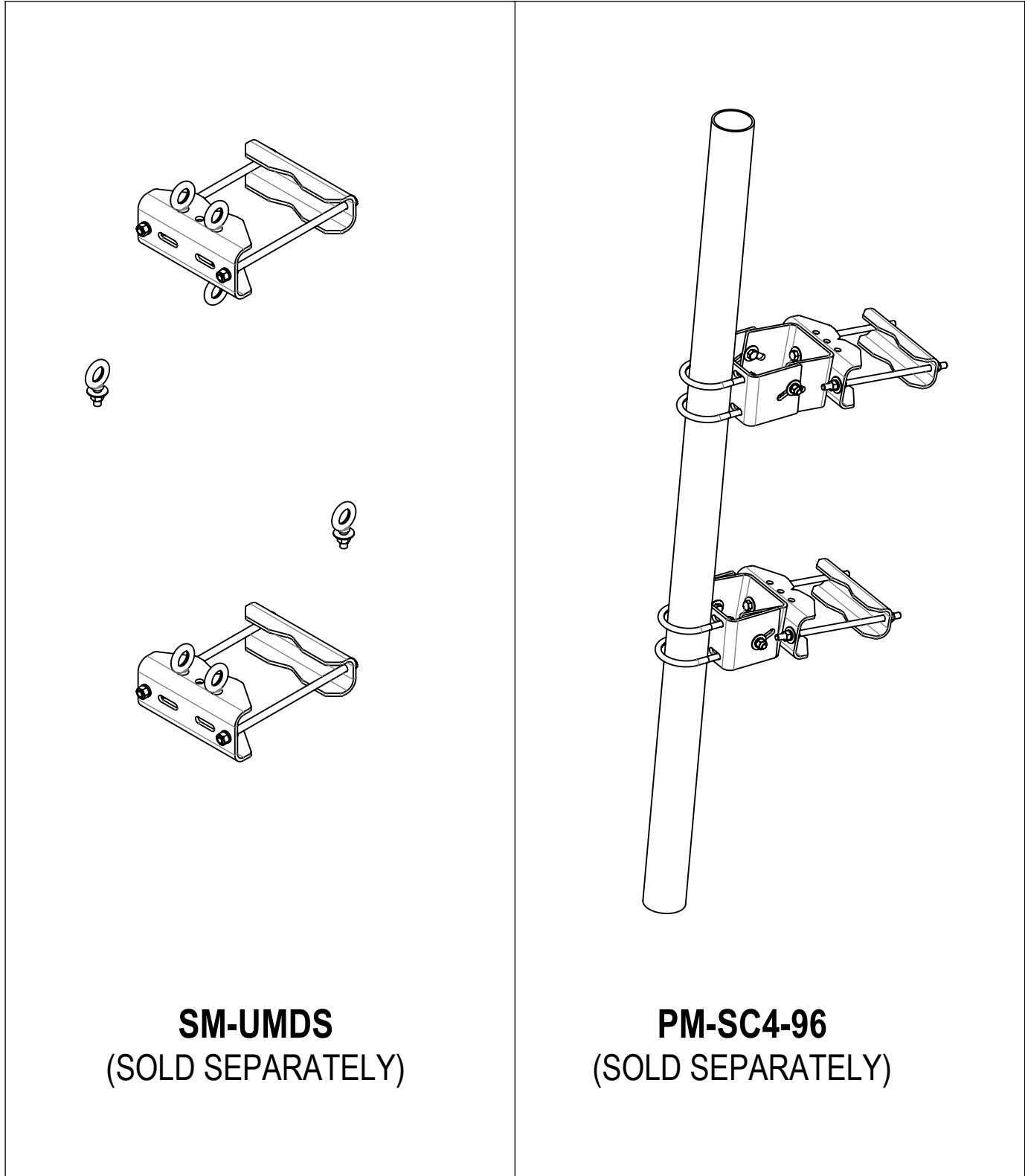


DETAIL D
SCALE 1 : 2

				
TITLE				
MICROWAVE DISH SHIELD, 10' ANTENNA				
SIZE	SCALE	DOCUMENT NO.		
C	1:50	MD-S10		
 	DRAWING			SHEET
	VERSION	STATUS	REVISION	
	02	RE	F	3 OF 4

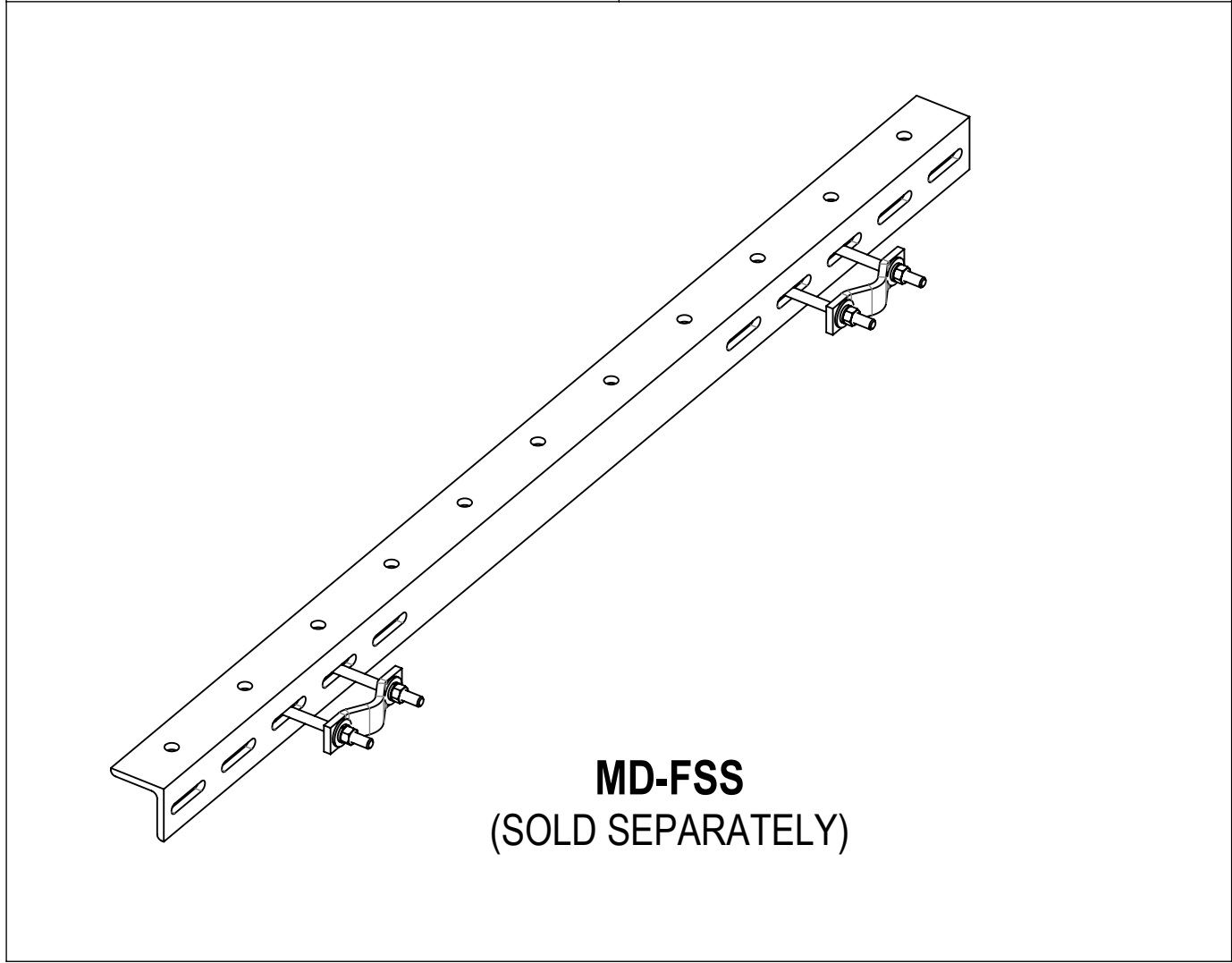
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OPTIONAL ACCESSORIES
(ALL ACCESSORY ITEMS ARE SHOWN FOR REFERENCE ONLY AND NEED TO BE PURCHASED SEPARATELY.)

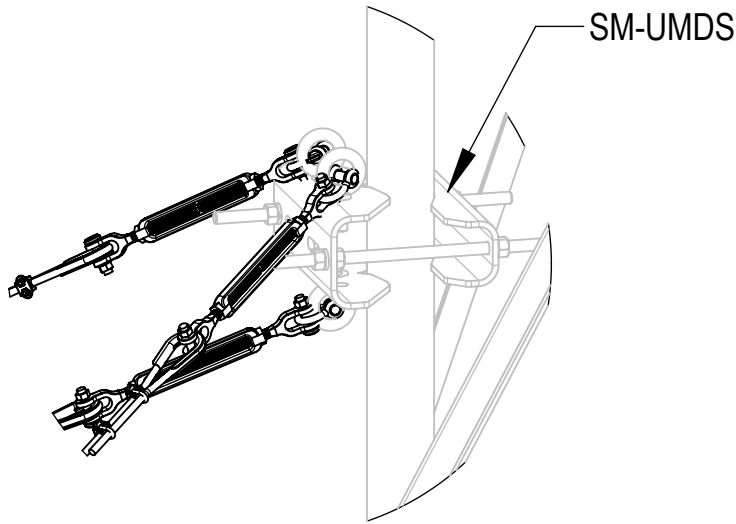


SM-UMDS
(SOLD SEPARATELY)

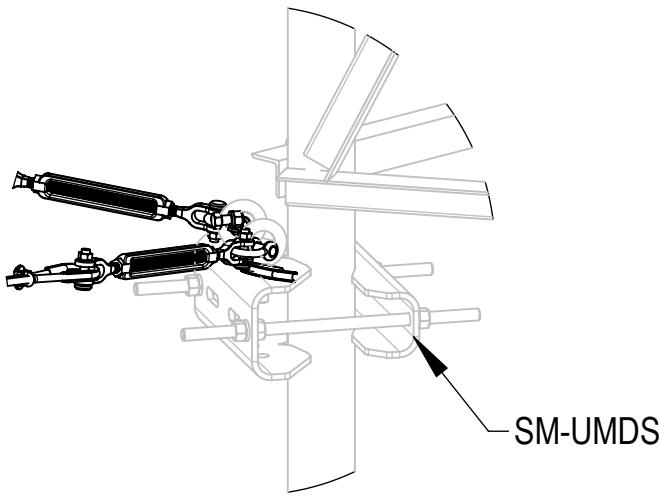
PM-SC4-96
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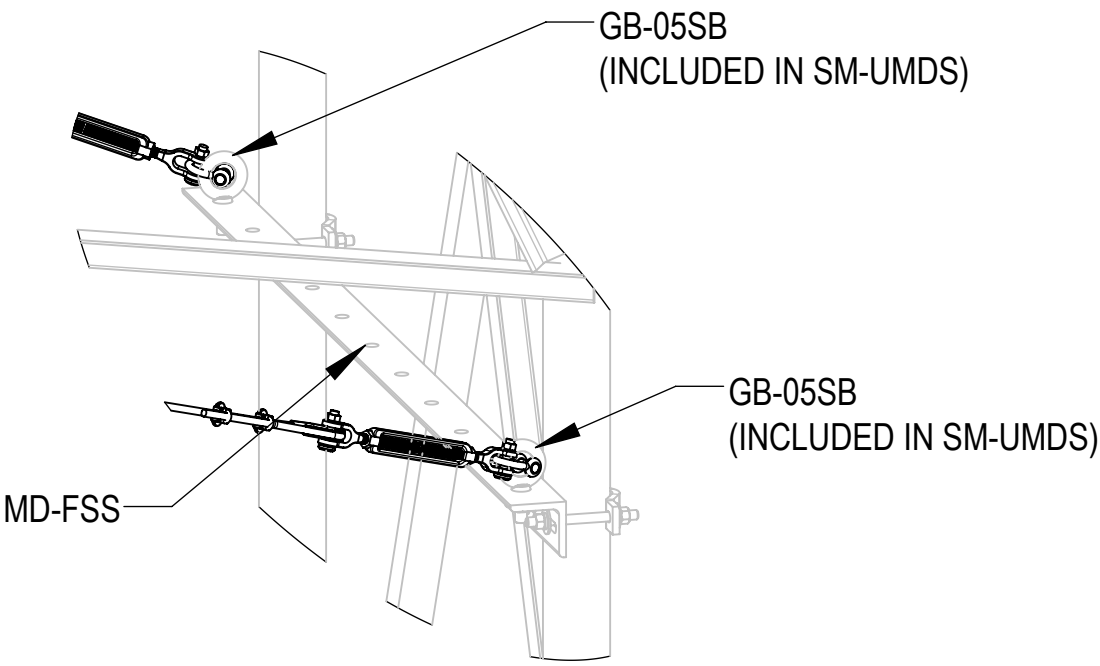
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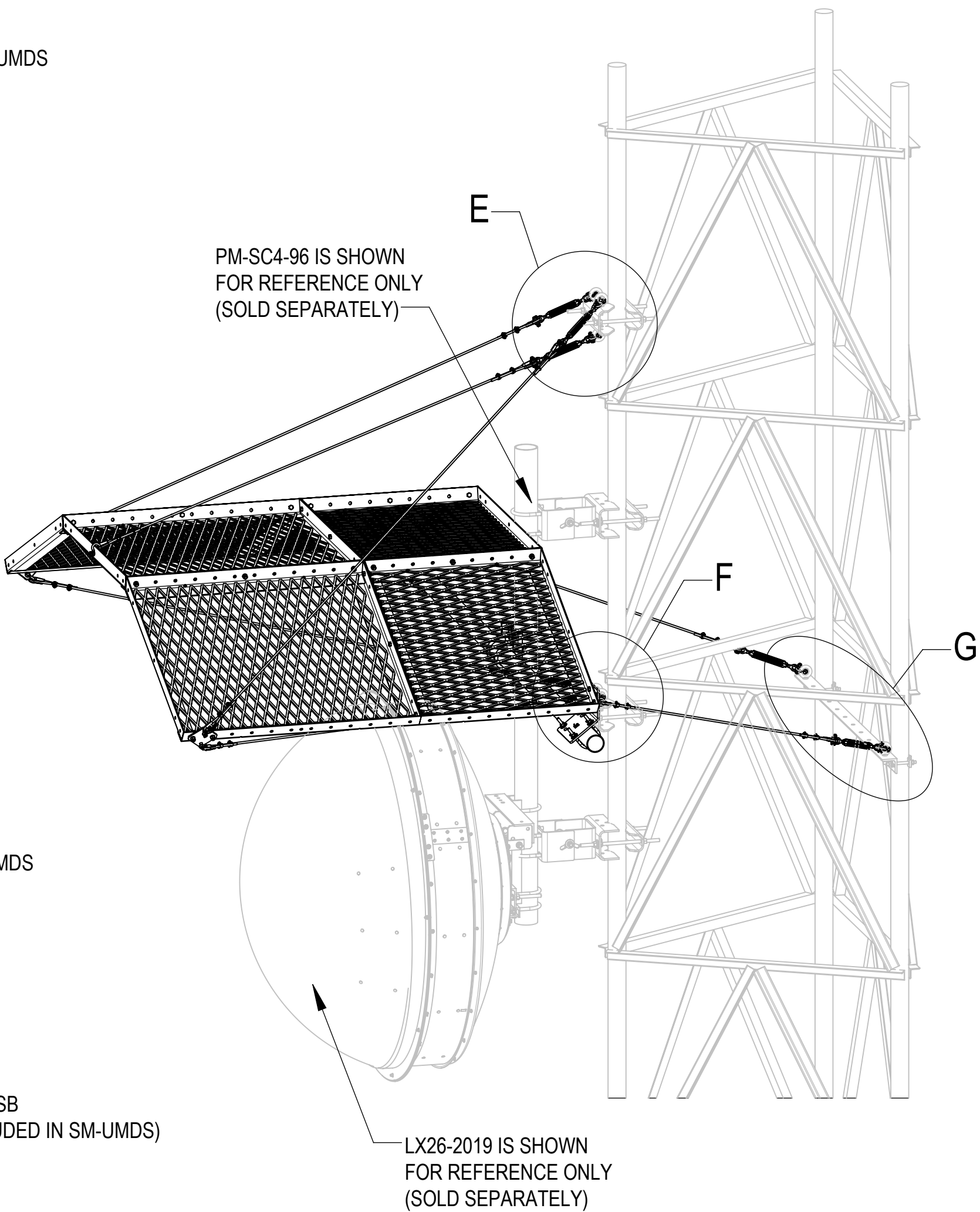
DETAIL E
SCALE 1 : 10



DETAIL F
SCALE 1 : 10



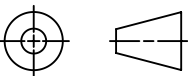
DETAIL G
SCALE 1 : 10



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TITLE
MICROWAVE DISH SHIELD, 10' ANTENNA

SIZE **C** SCALE **1:20** DOCUMENT NO. **MD-S10**



DRAWING
VERSION STATUS REVISION
02 RE F

SHEET
4 OF 4

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