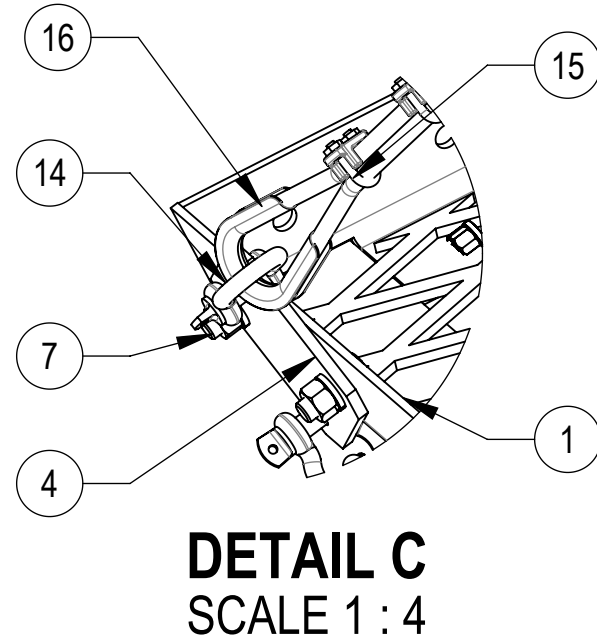
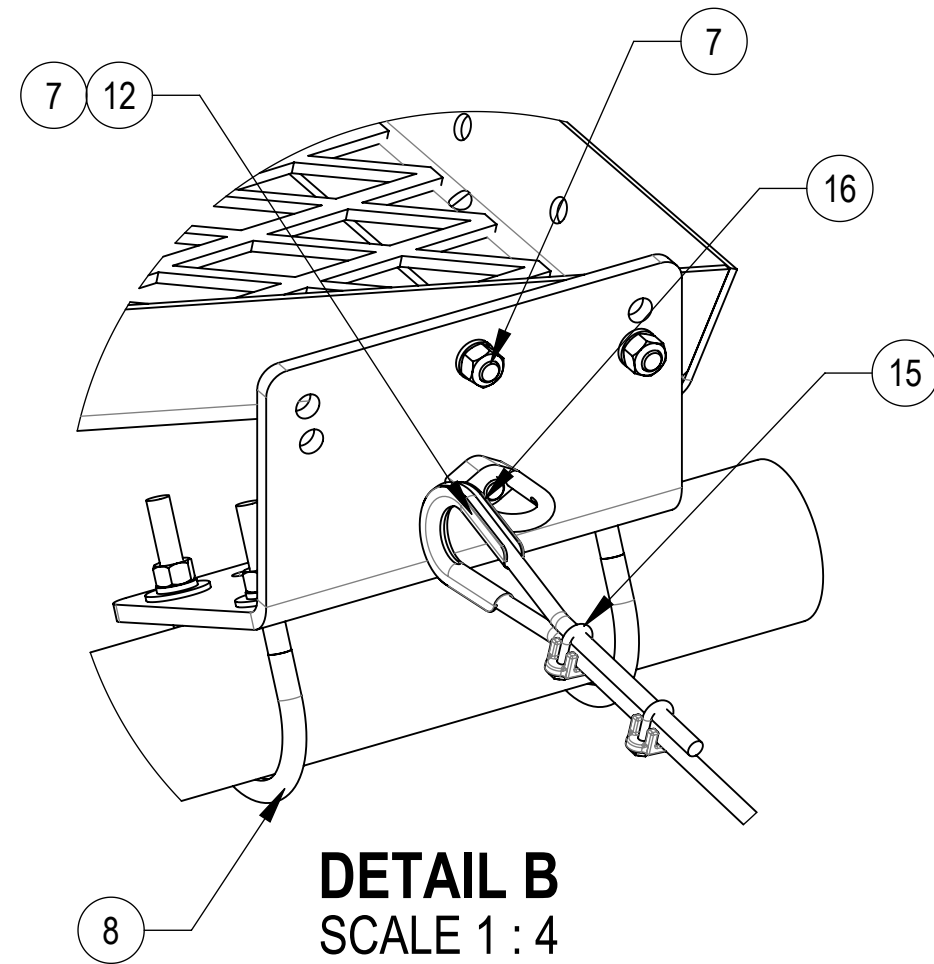
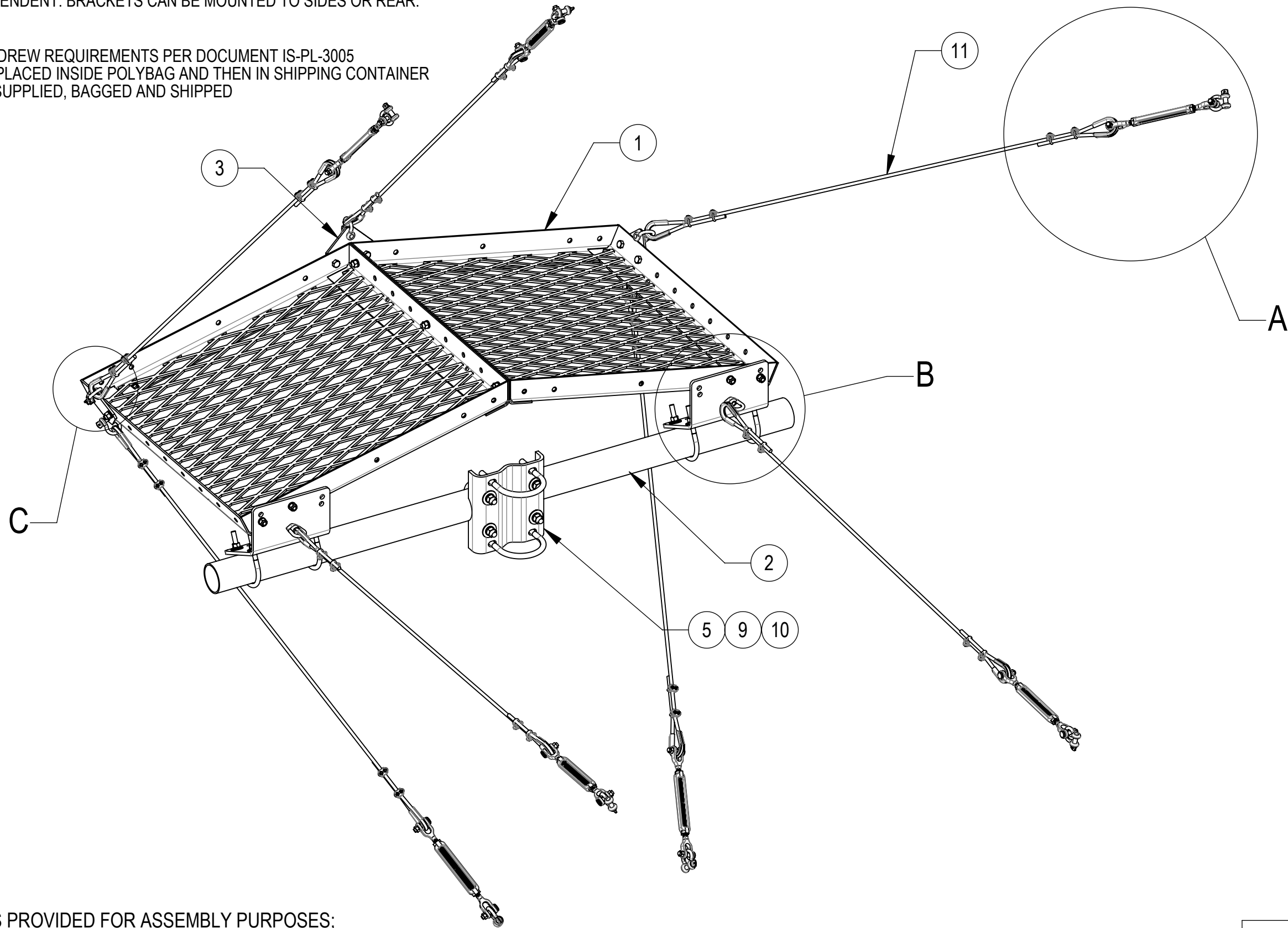


- 1.0 GENERAL NOTES
- 1.1 ALL METRIC DIMENSIONS ARE IN BRACKETS [X. X]
- 1.2 FOR PATENT INFO: <https://www.adwpat.com>
- 2.0 DESIGN NOTES
- 3.0 MANUFACTURING/SPECIAL REQUIREMENTS
- 3.1 TIGHTEN ALL BOLTS SECURING FLAT PLATES BY THE TURN-OF-NUT METHOD. TIGHTEN ALL U-BOLTS USING TURN-OF-NUT METHOD WITH 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



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	MDS01	3' X 3' PANEL	2	69.40 LBS	
2	MT54775	3-1/2" O.D. X 75" PIPE	1	36.86 LBS	
3	MDS15	CENTER PLATE	1	1.58 LBS	
4	MDS17	SHACKLE PLATE	2	1.32 LBS	
5	MT21613	CENTER BRACKET	1	11.87 LBS	
6	MDS20	SIDE BRACKET	2	13.15 LBS	3.7
7	GB-04125	1/2" X 1-1/4" GALV BOLT KIT	15	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 6 1/2" 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	MASS	280.13	lbs/in³
VOLUME	991.74	in³	
SURFACE AREA	10403.89	in²	
HEIGHT	112"		
LENGTH	126"		
WIDTH	97"		

**ANDREW**® an Amphenol company

TOLERANCES

1 PLACE .X[X] ± 0.2[6.3]3 PLACE .XXX[X] ± 0.060[1.5]2 PLACE .XX[X] ± 0.12[3.0]ANGLES ± 2°

SAP MATERIAL MASTER

MD-S3

FINISH

MATERIAL

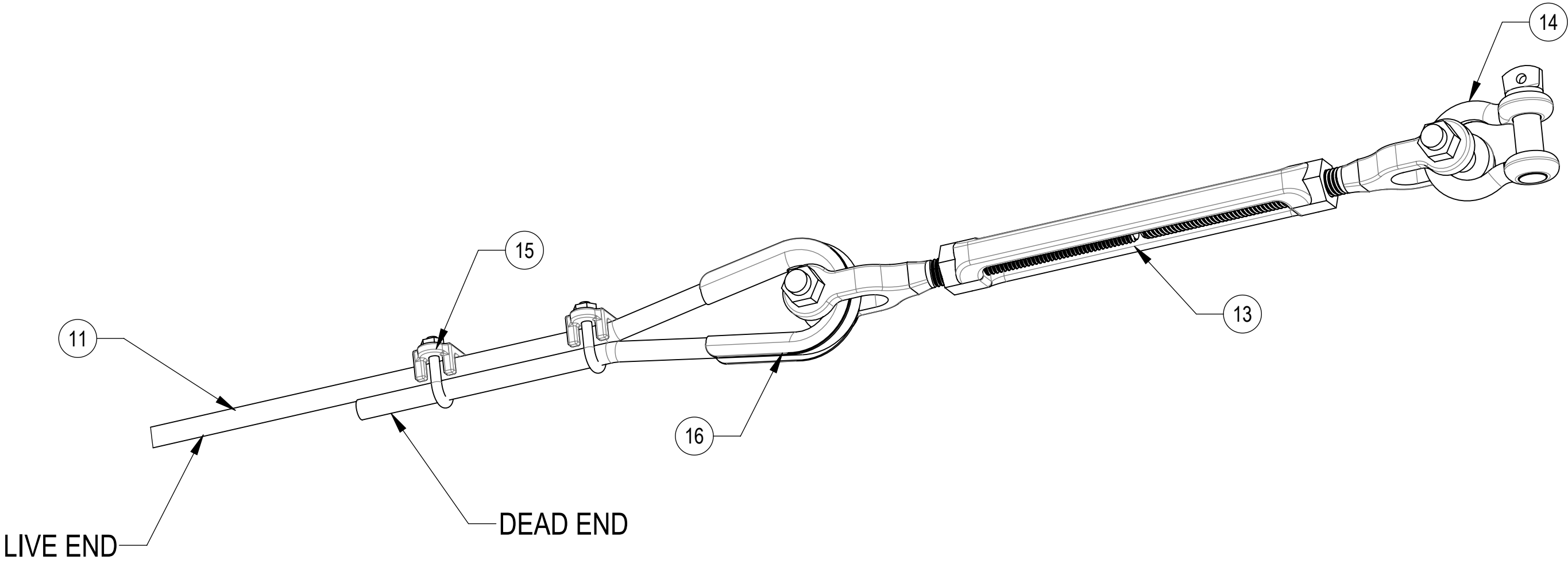
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
INTERPRET PER ANSI Y 14.5M-1994

	NAME	DATE	TITLE
CE	YX1027	09AUG24	MICROWAVE DISH SHIELD, 3' ANTENNA
RW	YC1059	07/08/2026	
AD	YMENG	07/08/2026	SCALE 1:24
RE	YMENG	07/08/2026	
ECN	50108824AMO		DOCUMENT NO. MD-S3

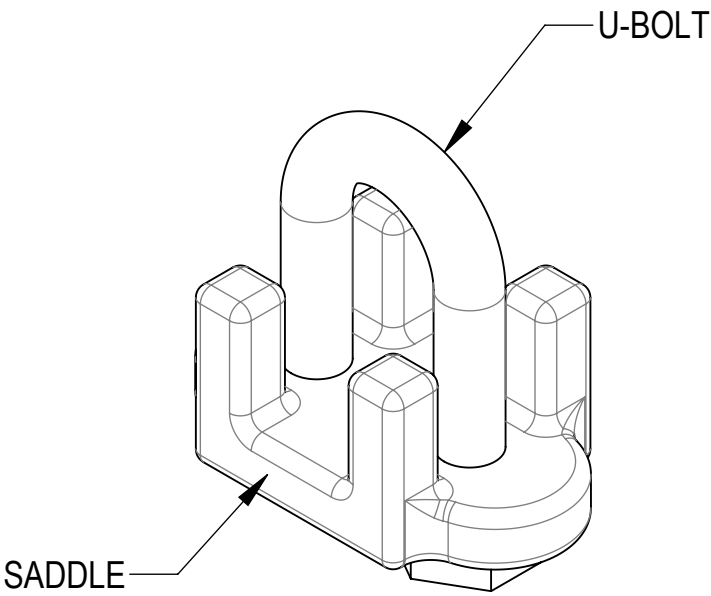
SIZE	Auth Group	INSL	MODEL	DRAWING			SHEET 1 OF 4	
C			VERSION 01	STATUS RE	REVISION C	VERSION 01	STATUS RE	REVISION B

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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.



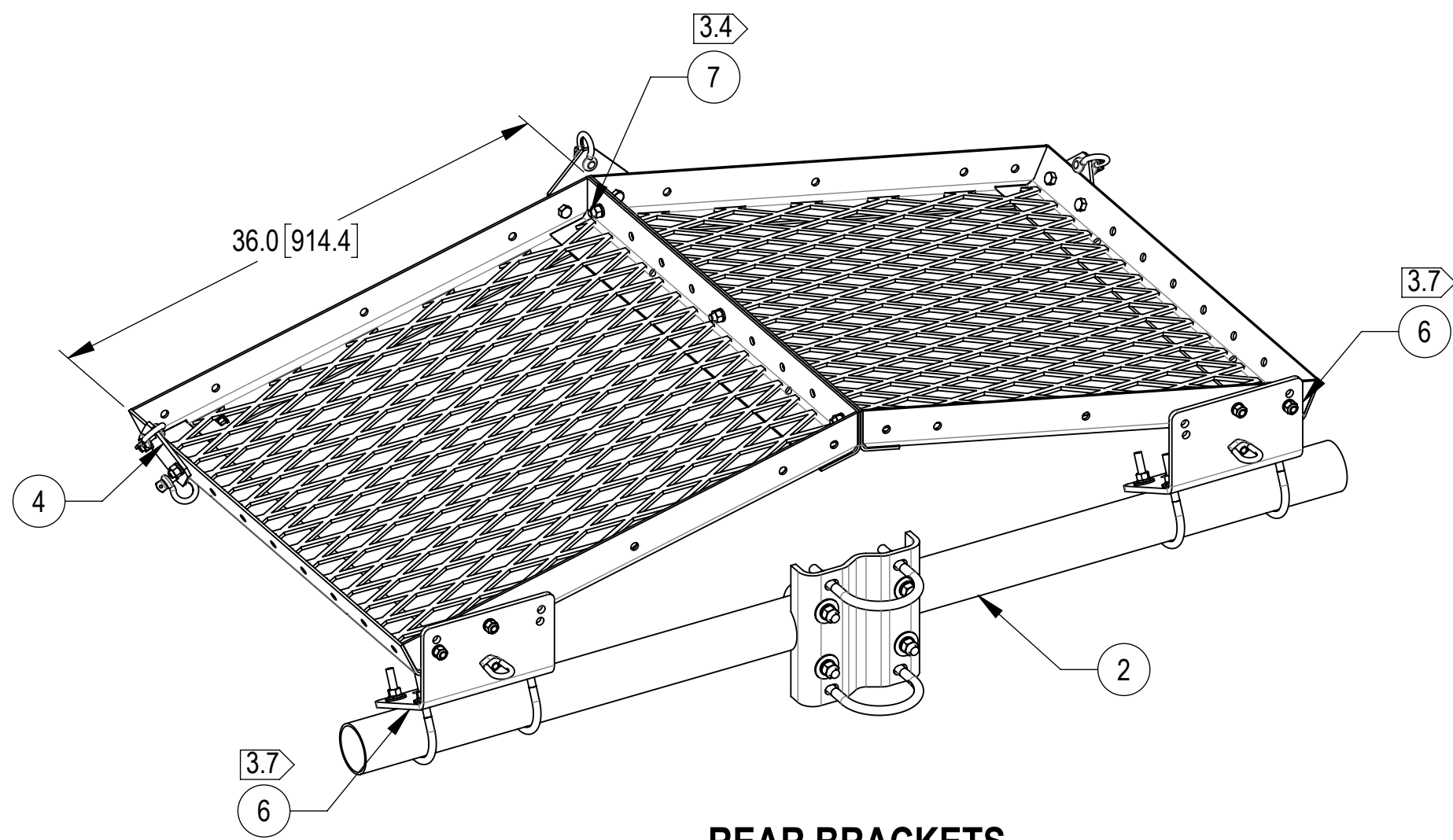
DETAIL A
SCALE 1 : 2



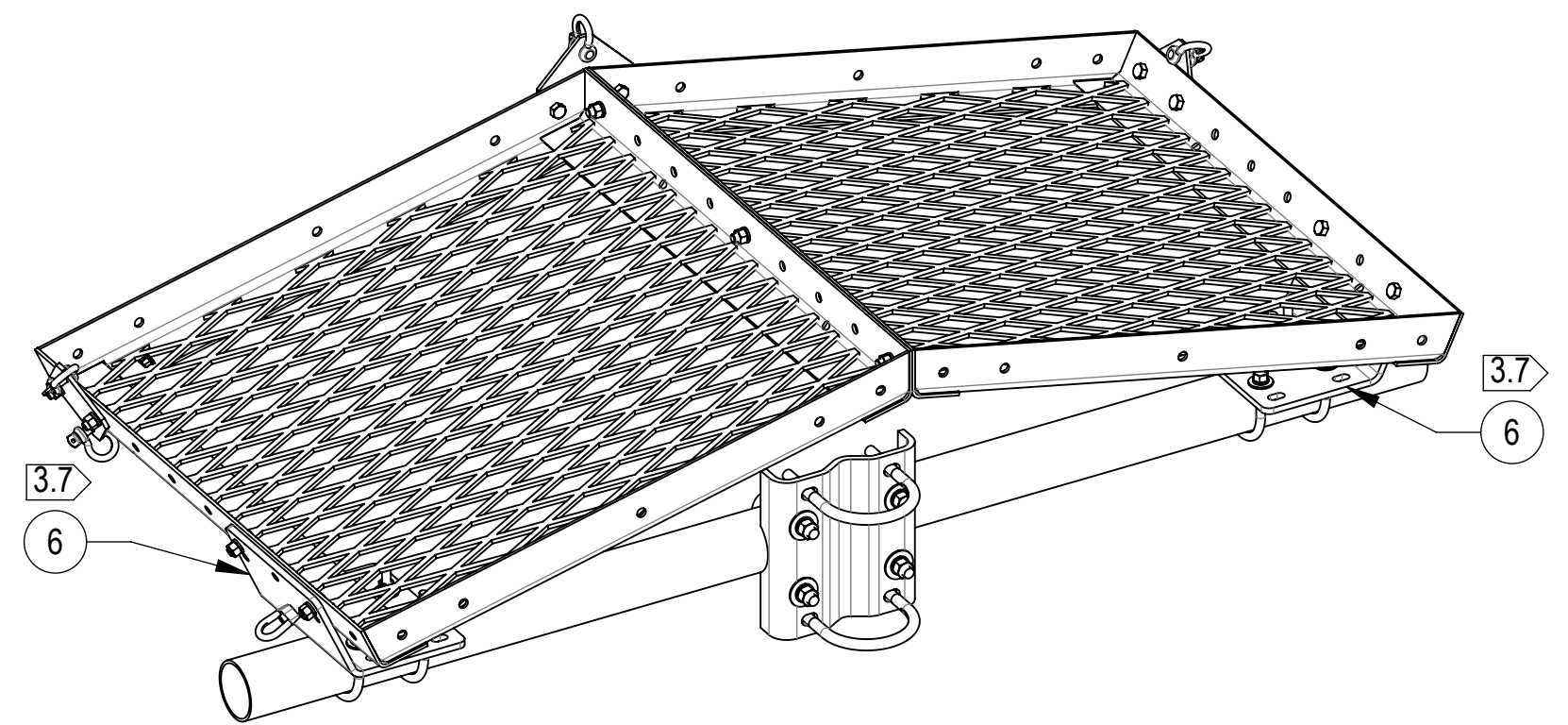
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MICROWAVE DISH SHIELD, 3' ANTENNA

SIZE C	SCALE 1:24	DOCUMENT NO. MD-S3		
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		SHEET 2 OF 4		

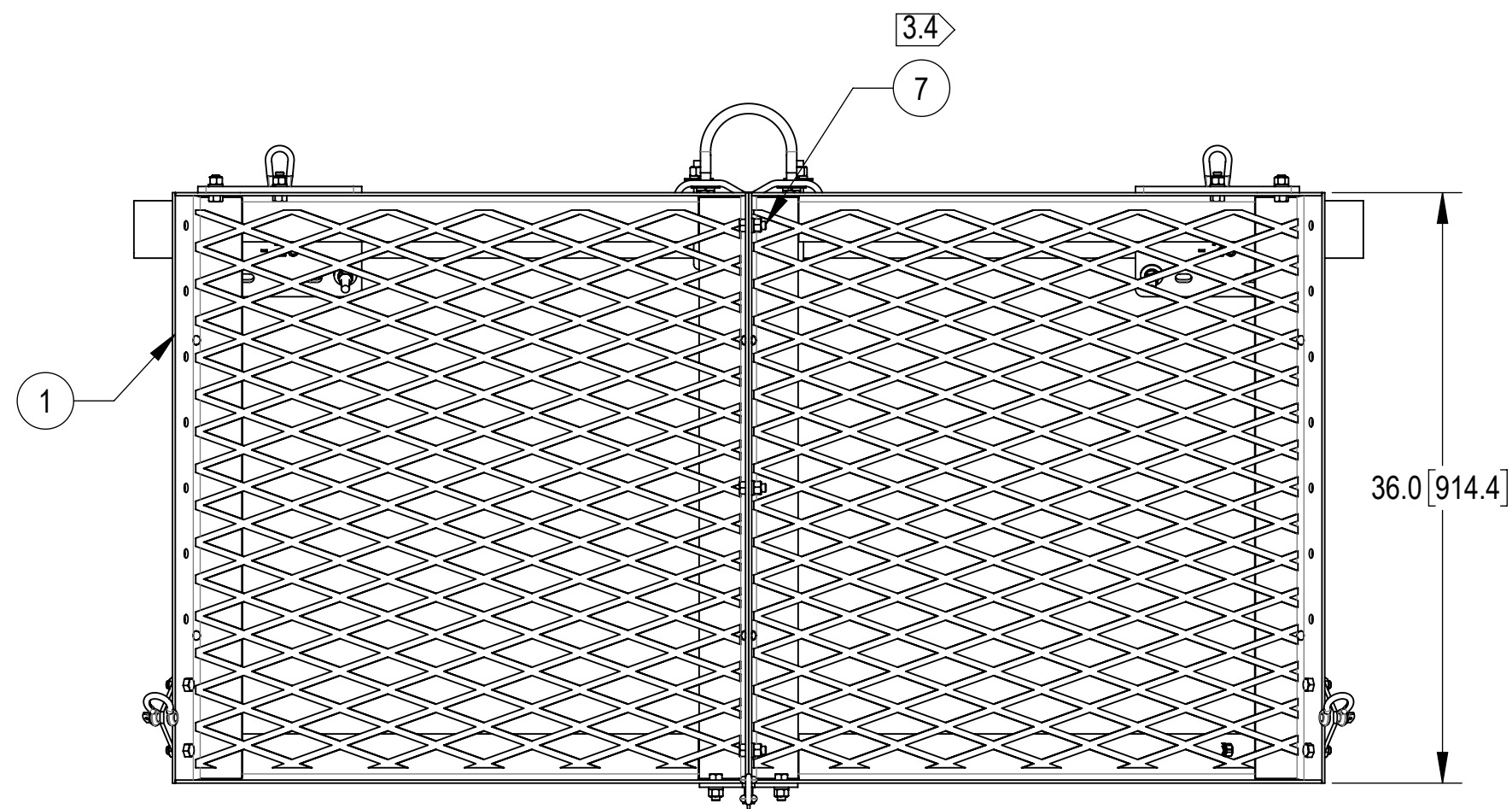
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REAR BRACKETS



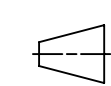
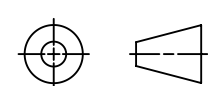
SIDE BRACKETS



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TITLE
MICROWAVE DISH SHIELD, 3' ANTENNA

SIZE C	SCALE 1:24	DOCUMENT NO. MD-S3
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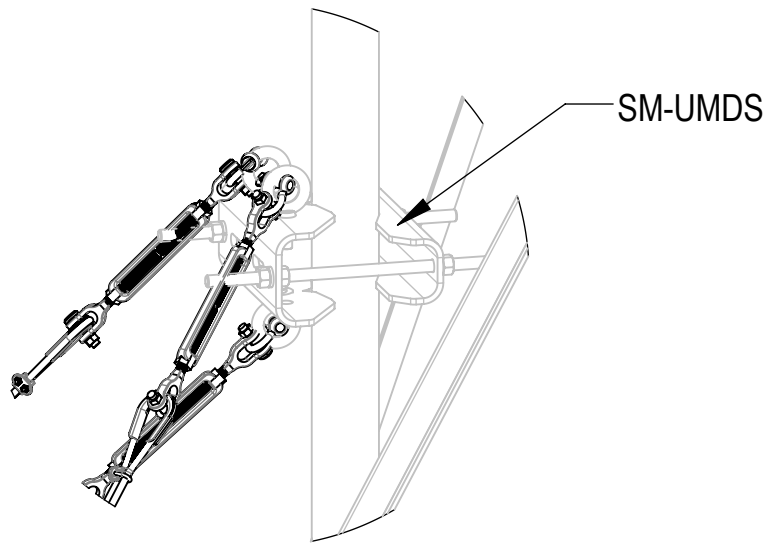
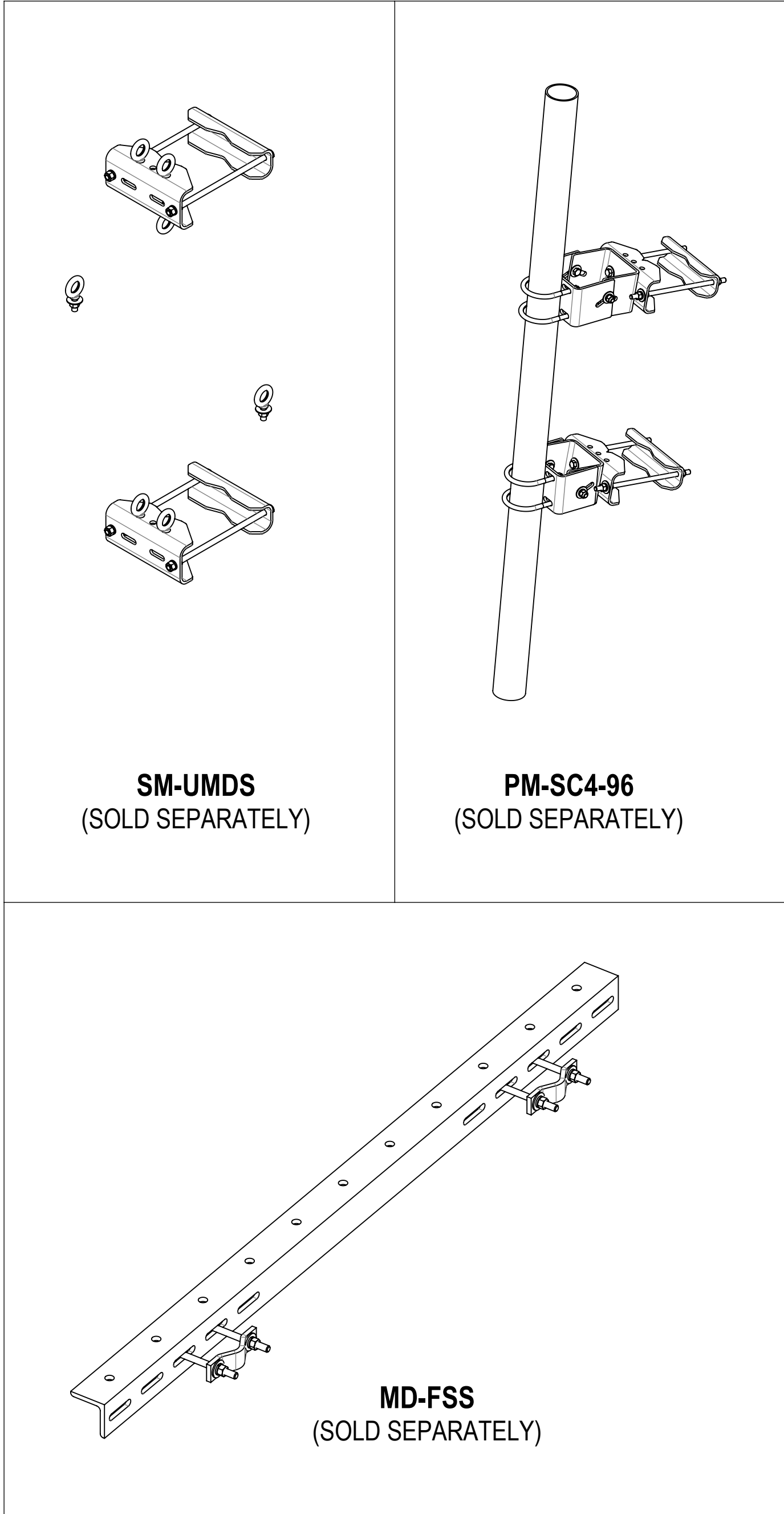
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VERSION	STATUS	REVISION
01	RE	B

SHEET
3 OF 4

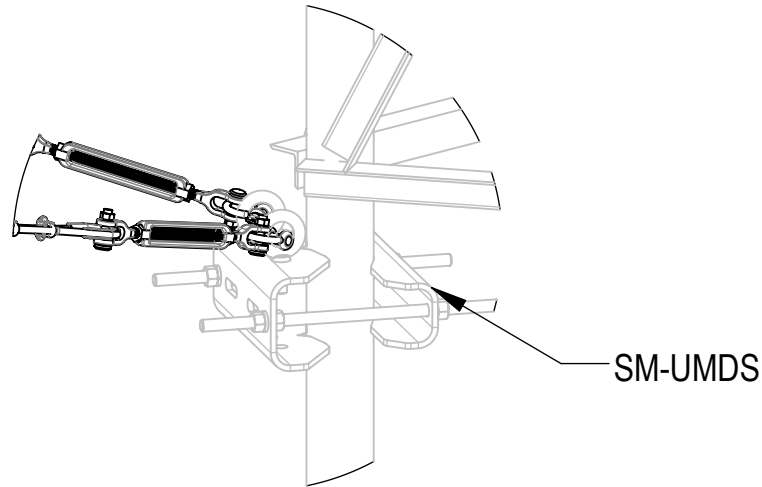
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OPTIONAL ACCESSORIES

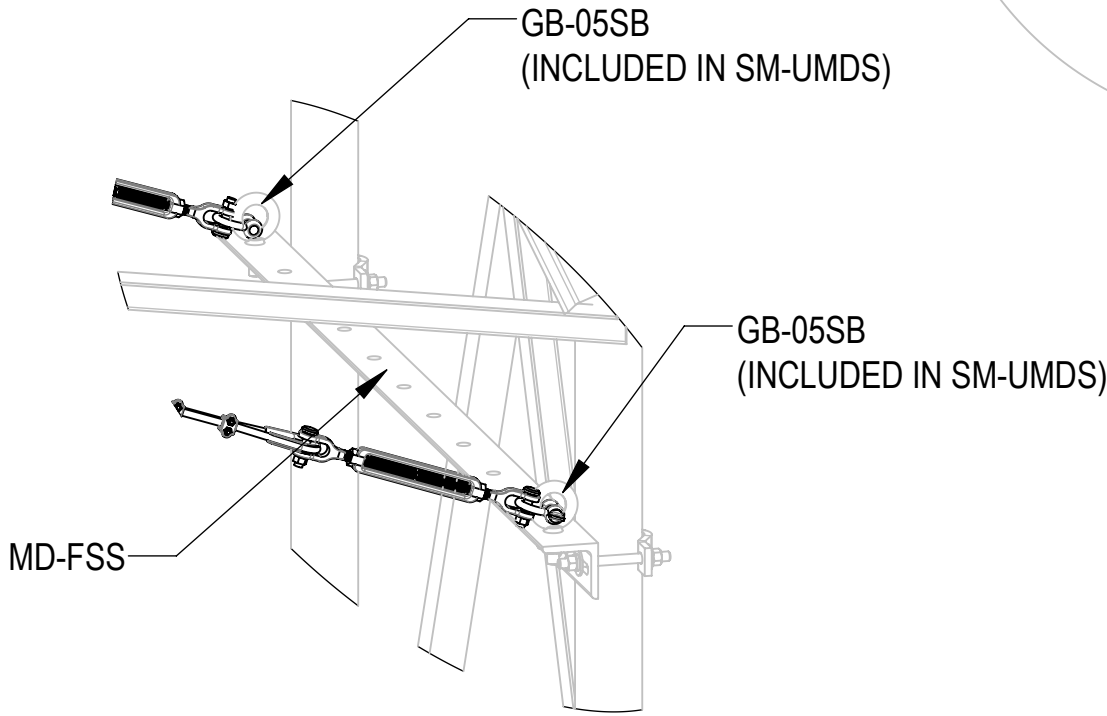
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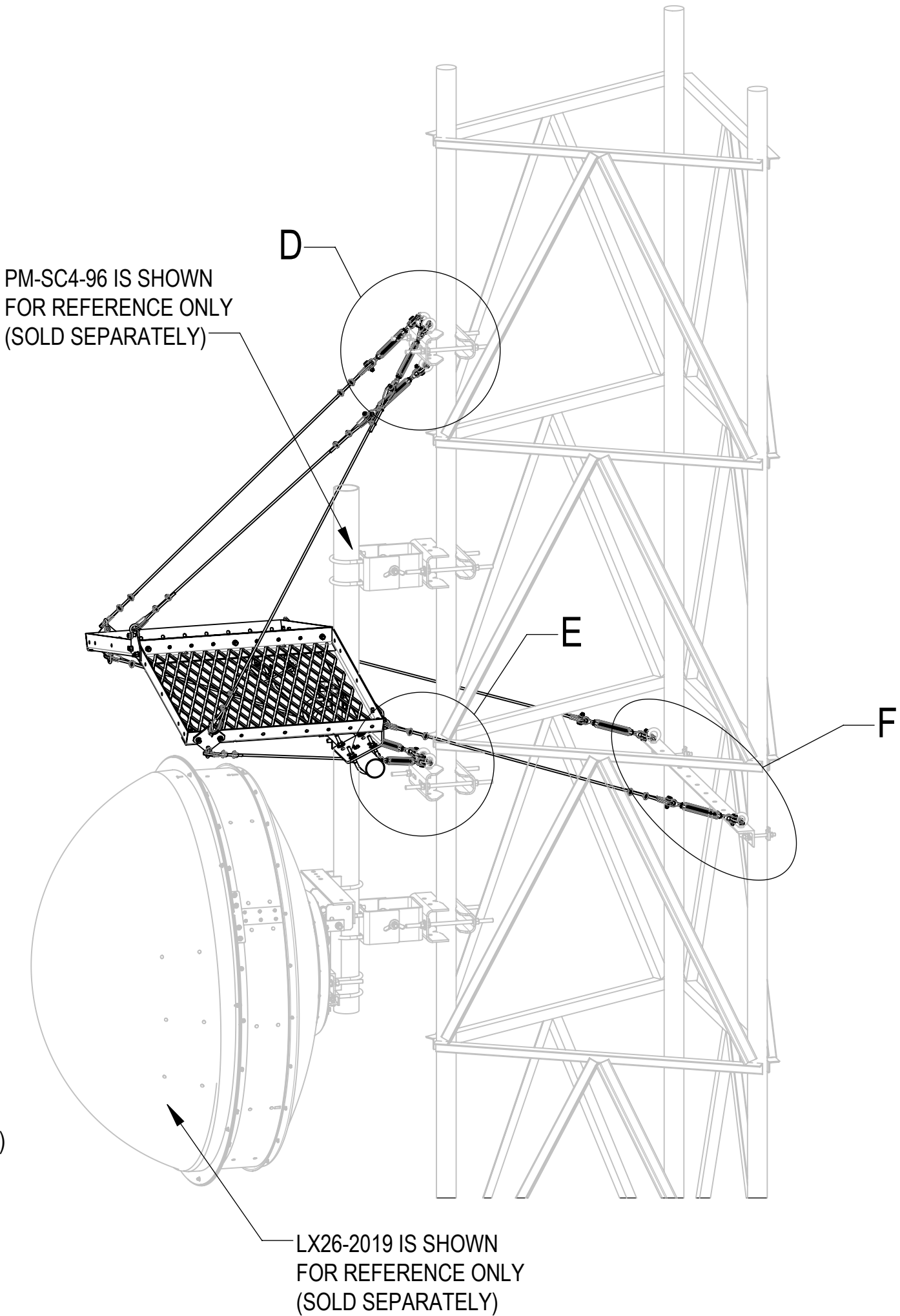
DETAIL D
SCALE 1 : 10



DETAIL E
SCALE 1 : 10



DETAIL F
SCALE 1 : 10



				
TITLE MICROWAVE DISH SHIELD, 3' ANTENNA				
SIZE C	SCALE 1:20	DOCUMENT NO. MD-S3		
 		DRAWING		SHEET 4 OF 4
		VERSION 01	STATUS RE	REVISION B

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