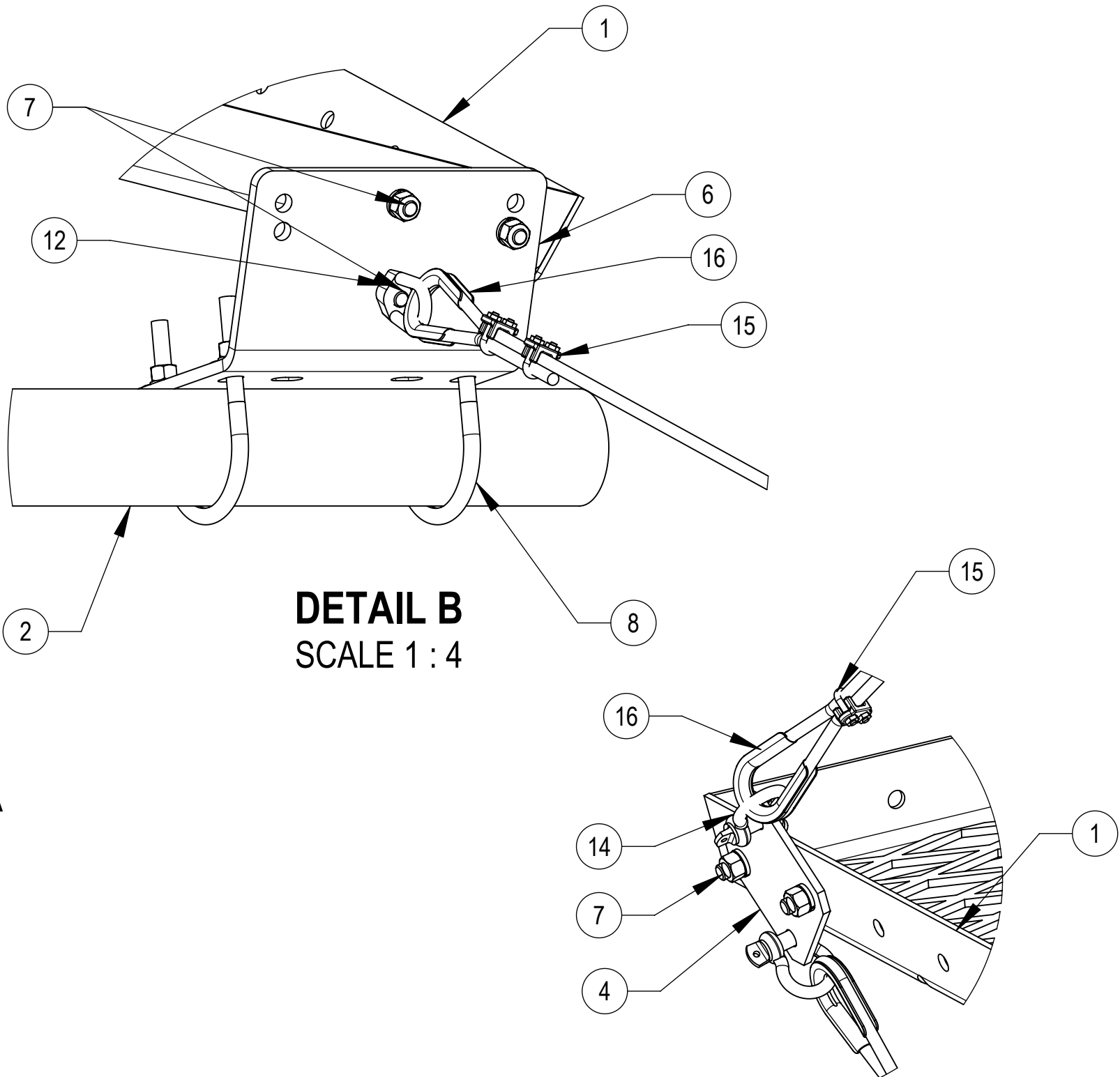
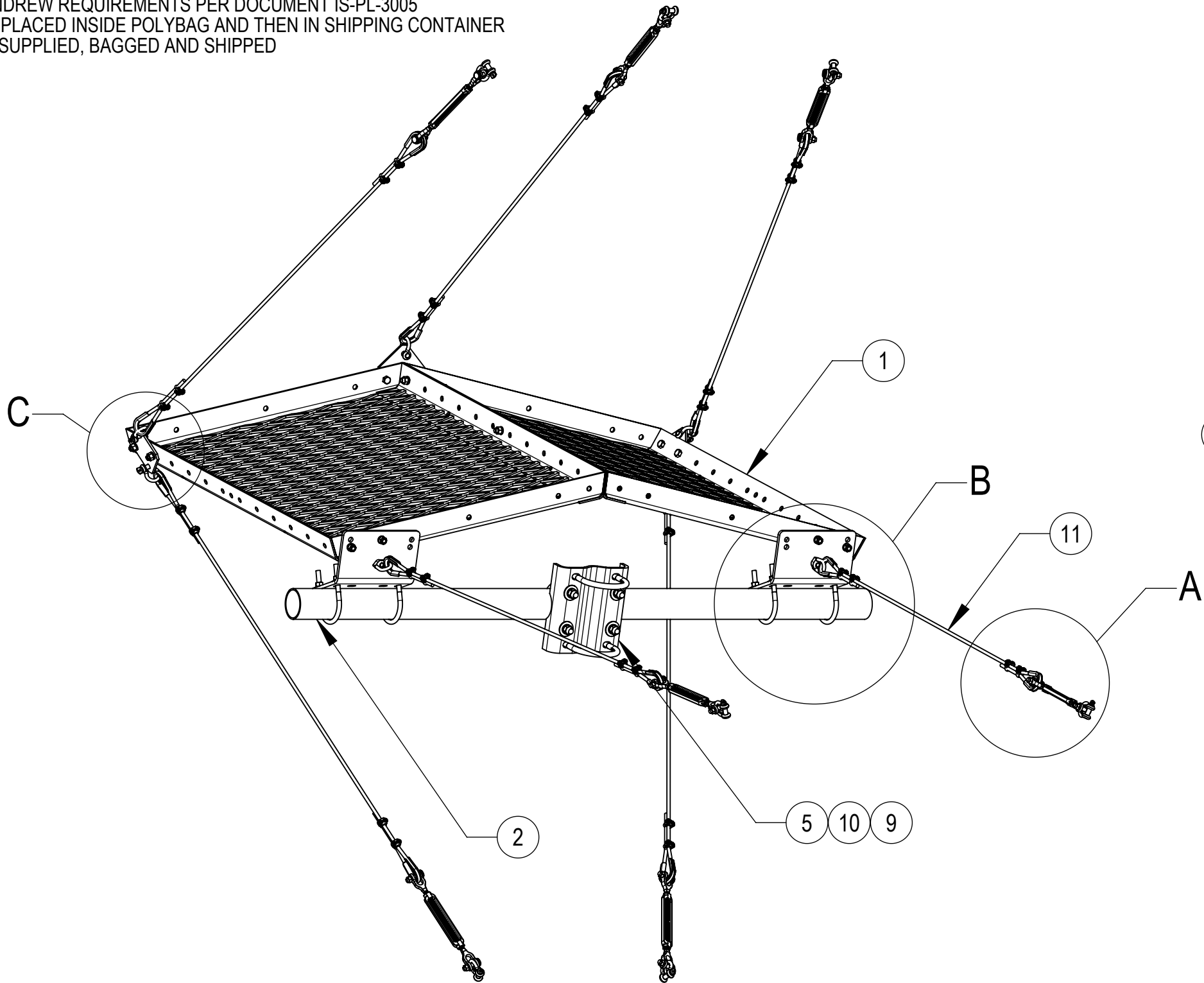


- 4
- 3
- 2
- 1
- 1.0 GENERAL NOTES
- 1.1 ALL METRIC DIMENSIONS ARE IN BRACKETS [X. X]
- 1.2 FOR PATENT INFO: <https://www.adwpat.com>
- 2.0 DESIGN NOTES
- 3.0 MANUFACTURING/SPECIAL REQUIREMENTS
- 3.1 TIGHTEN ALL BOLTS SECURING FLAT PLATES BY THE TURN-OF-NUT METHOD. TIGHTEN ALL U-BOLTS USING TURN-OF-NUT 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
K	INITIAL RELEASE	ACG 05JAN15	TP
L	REDRAWN IN SW	YX1027 09AUG24	BA1025 40202084CMO
M	ADDED SHEET 4	YC1059 23JUN26	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	MDS02	36" X 48" PANEL	2	87.23 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 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	

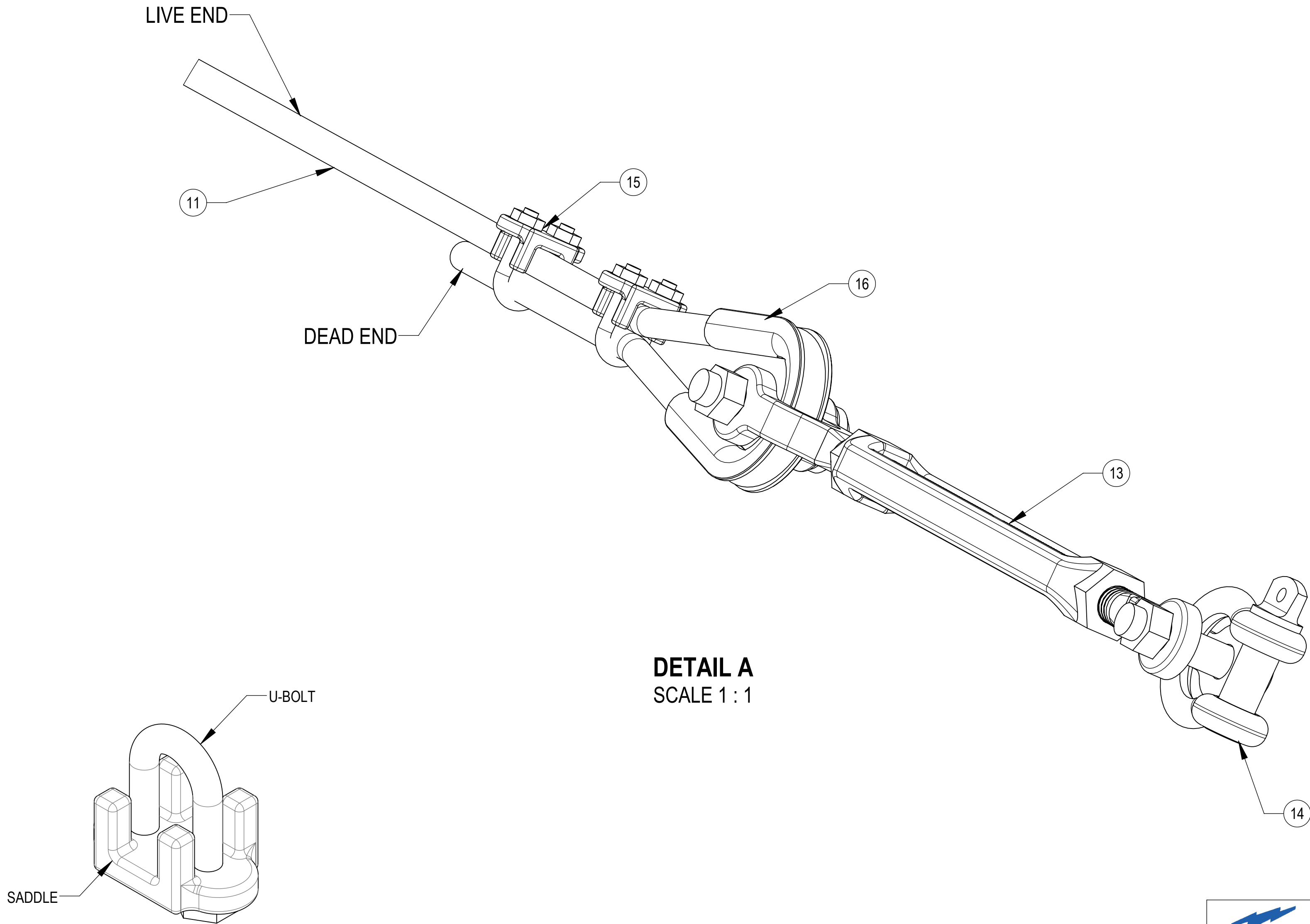
DENSITY	MASS	VOLUME	SURFACE AREA
	305.18	1076.95	11890.66
	lbs/in³	lbs	in³
HEIGHT	LENGTH	WIDTH	
112"	82"	121"	

**ANDREW**[®] an Amphenol company

TOLERANCES			SAP MATERIAL MASTER					
1 PLACE	.X[X] ± 0.12[3.0]	3 PLACE	.XXX[X] ± 0.030[0.8]	MD-S4				
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, 4' ANTENNA					
	CE ACG	05LAN15						
	RW YC1059	07/08/2026						
	AD YMENG	07/08/2026	SCALE 1:50 DOCUMENT NO. MD-S4					
	RE YMENG	07/08/2026						
ECN 50108824AMO								
SIZE	Auth Group	INSL	MODEL					
C	 		VERSION	STATUS	REVISION	DRAWING		SHEET
			01	RE	C	02	RE	

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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.



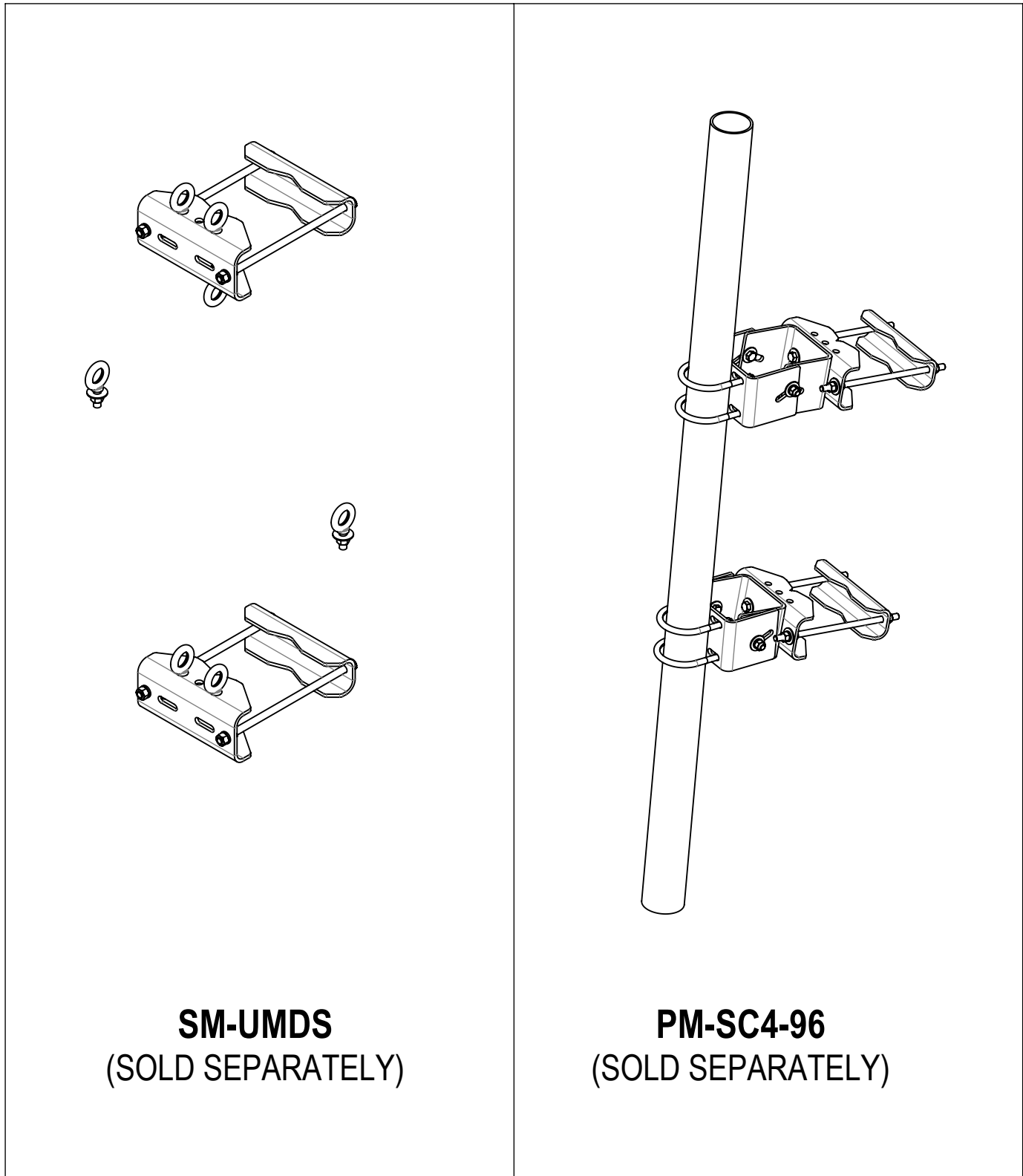
ANDREW® an Amphenol company

TITLE
MICROWAVE DISH SHIELD, 4' ANTENNA

SIZE C	SCALE 1:50	DOCUMENT NO. MD-S4		
		DRAWING		
		VERSION 02	STATUS RE	REVISION M
		SHEET 2 OF 4		

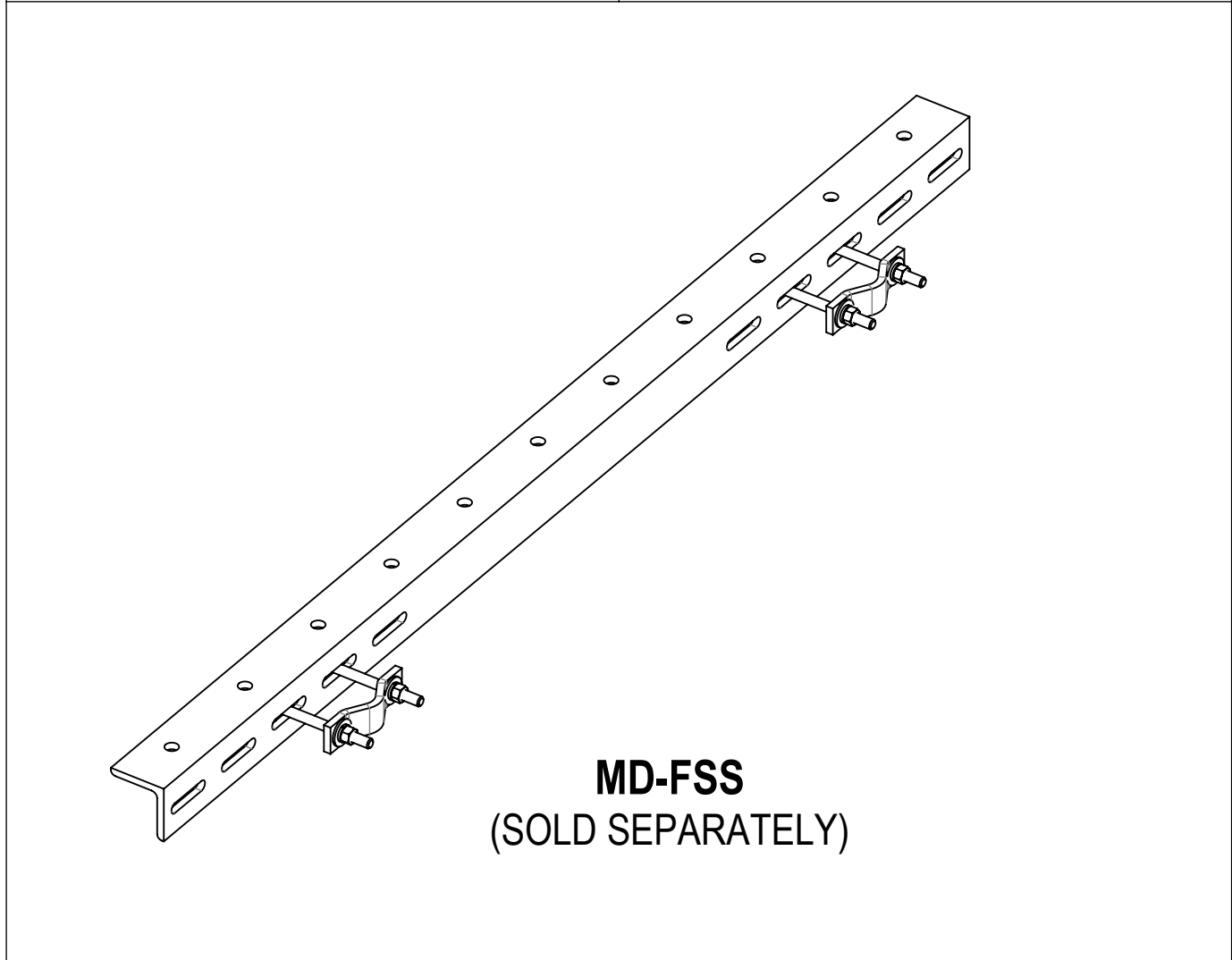
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OPTIONAL ACCESSORIES
(ALL ACCESSORY ITEMS ARE SHOWN FOR REFERENCE ONLY AND NEED TO BE PURCHASED SEPARATELY.)

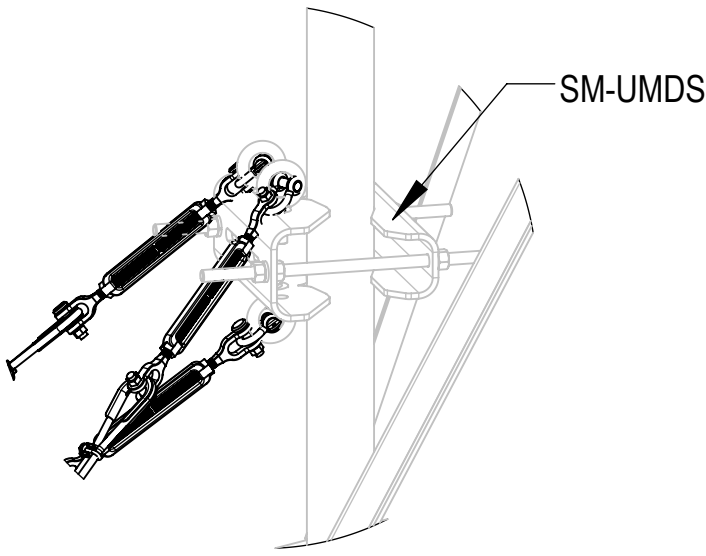


SM-UMDS
(SOLD SEPARATELY)

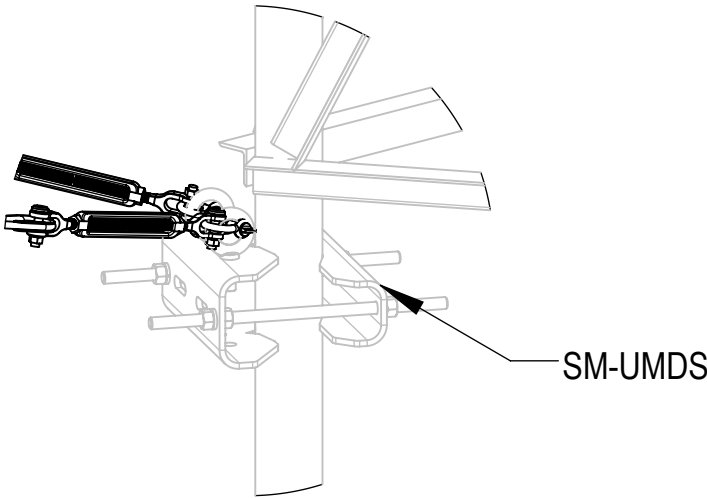
PM-SC4-96
(SOLD SEPARATELY)



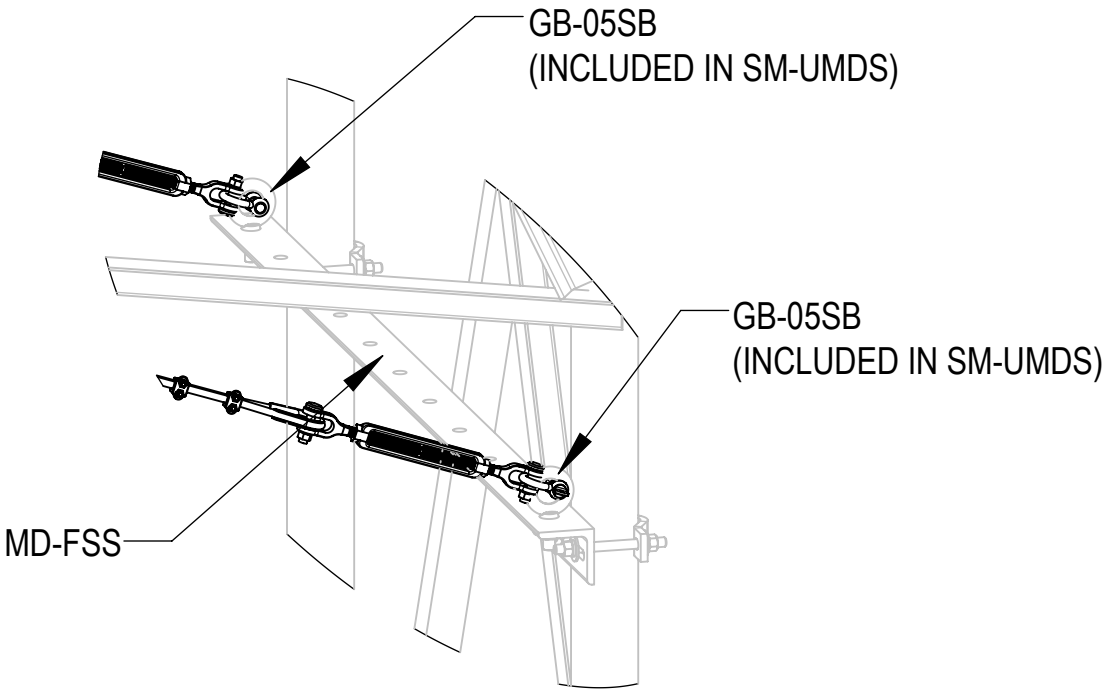
MD-FSS
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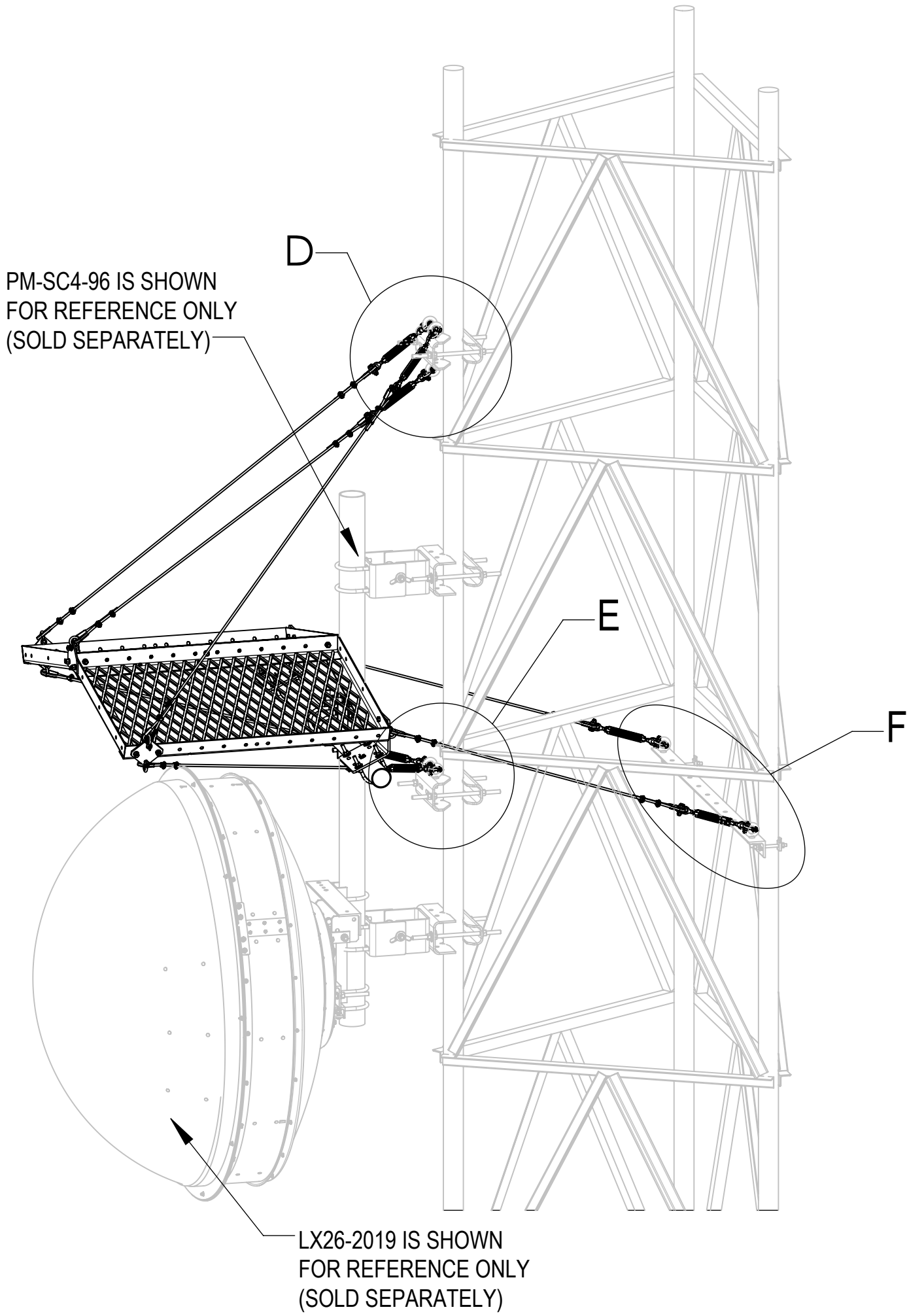
DETAIL D
SCALE 1 : 10



DETAIL E
SCALE 1 : 10



DETAIL F
SCALE 1 : 10



TITLE
MICROWAVE DISH SHIELD, 4' ANTENNA

SIZE **C** SCALE **1:20** DOCUMENT NO. **MD-S4**

DRAWING			SHEET 4 OF 4
VERSION	STATUS	REVISION	
02	RE	M	

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