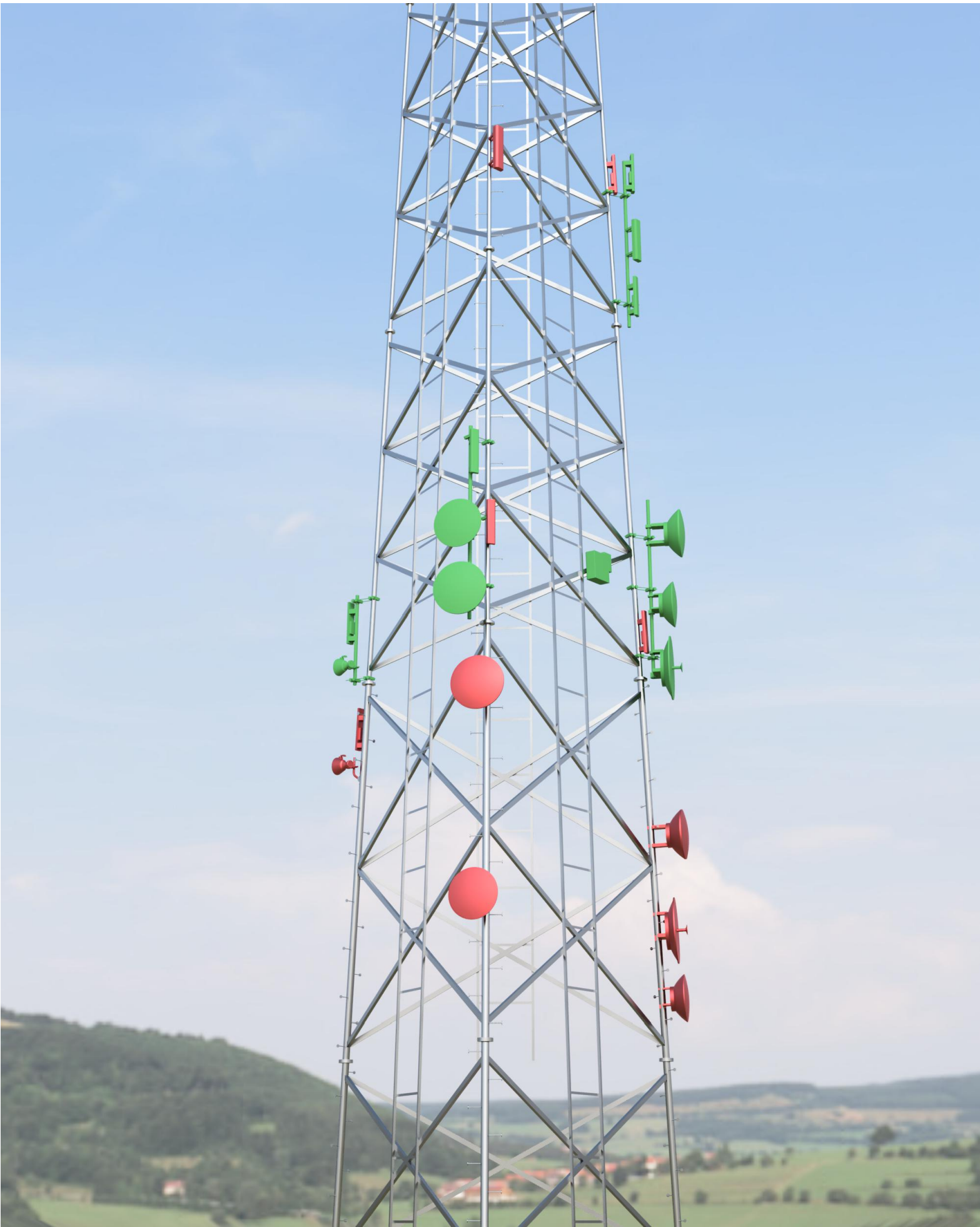
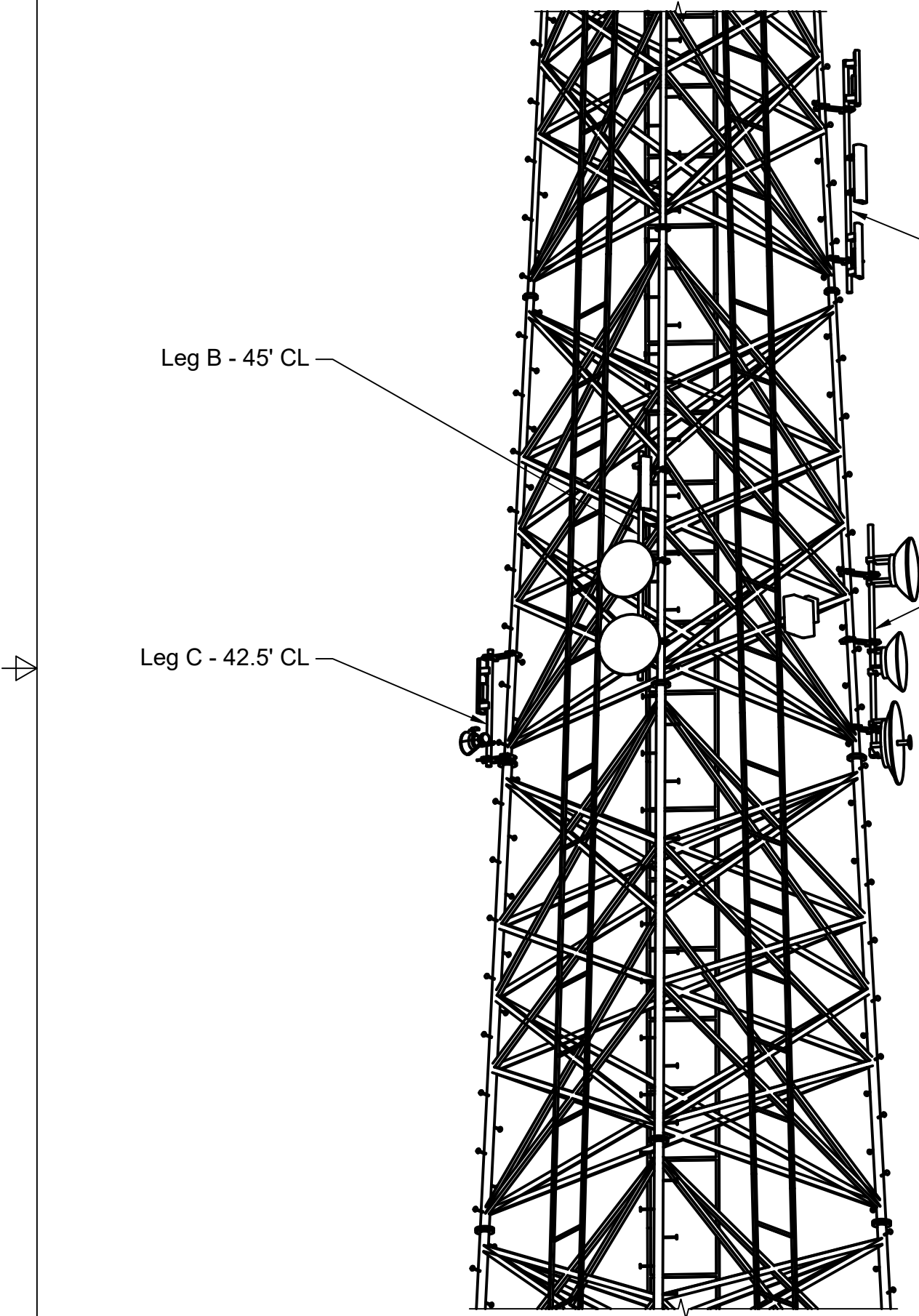




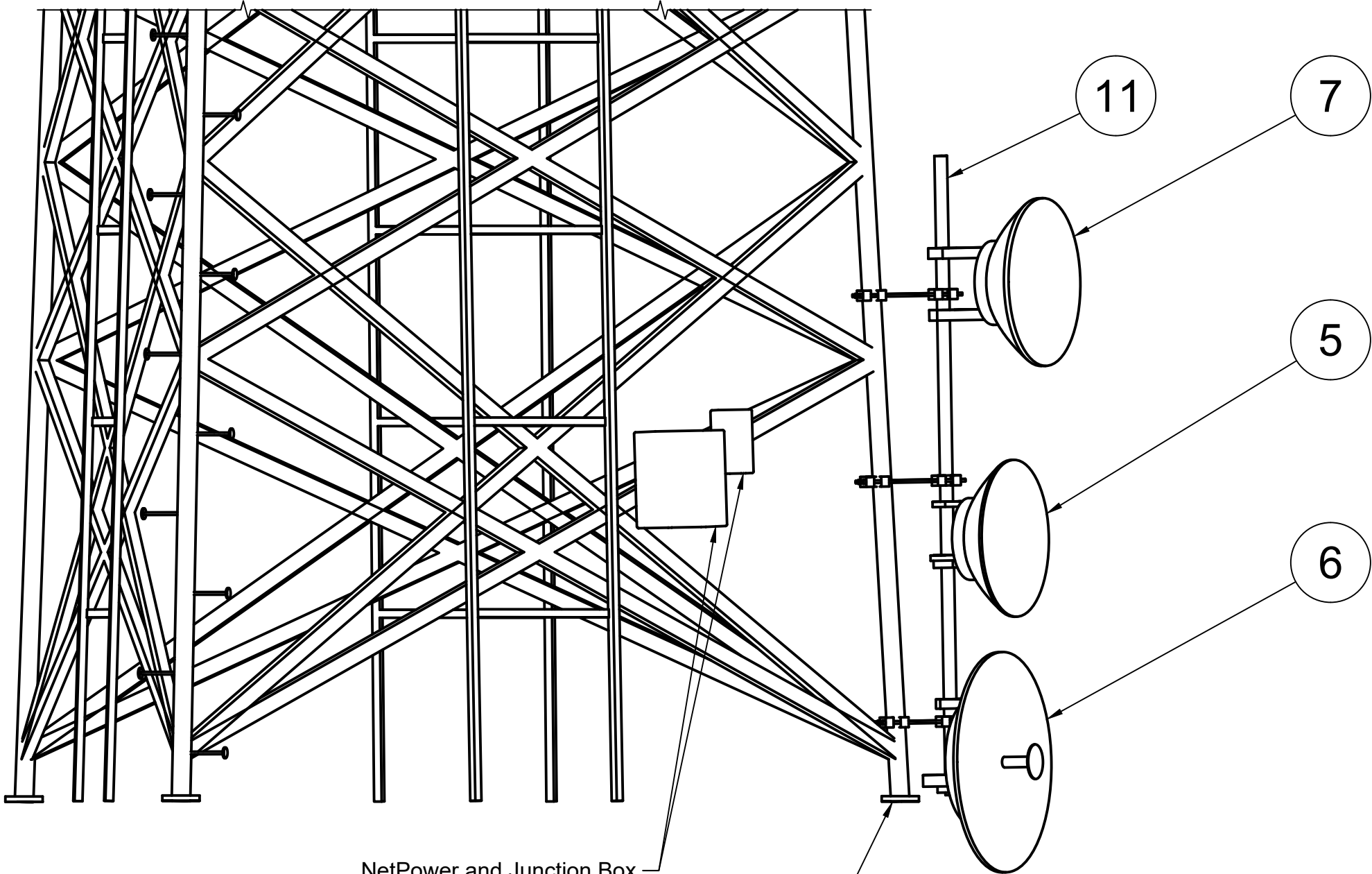
Existing equipment shown in RED.
Proposed new placements shown in GREEN.

Mounting locations minimize impact on climbing
peg locations.

	SITE		
	SCOPE Re-install Radio Equipment		
	DRAWING Overview - Render		
	Souza Consulting	SIZE	SCALE
	Peter Souza	B	1:70
	2/20/2024	REV	FOR
		REV DATE	SHEET 1/7



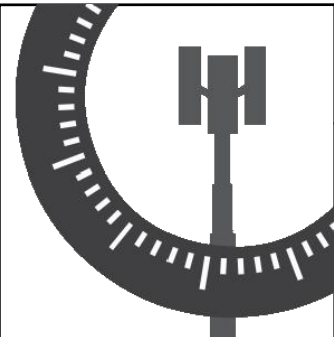
	SITE			
	SCOPE Re-install Radio Equipment			
	DRAWING Overview			
	Souza Consulting			
Peter Souza	SIZE B	SCALE 1:70	FOR	
2/20/2024	REV	REV DATE	SHEET 2/7	



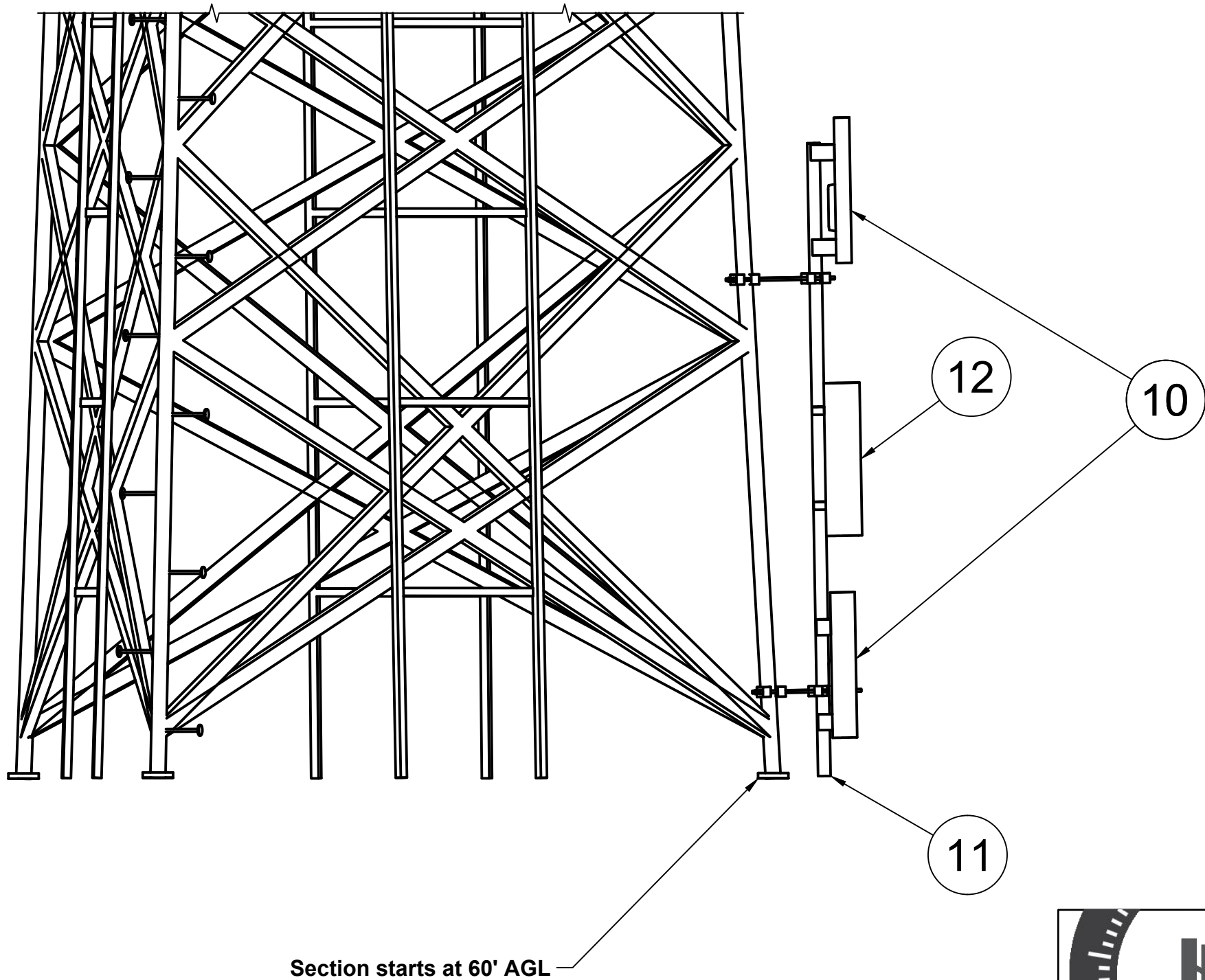
NetPower and Junction Box
Mounted to AB face as convenient

Section starts at 40' AGL

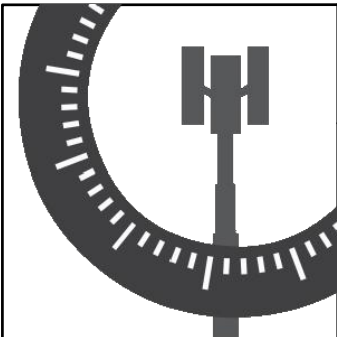
PARTS LIST		
ITEM	QTY	PART NUMBER
3	1	SECTION 3
5	1	RD-5G31-AC
6	1	RD-5G34
7	1	AF-11G35
11	1	10' STANDOFF - SLOPED
16	1	MIKROTIK NETPOWER 16P
17	1	UPC1 - SINGLE
18	1	LSO JUNCTION BOX



SITE			
SCOPE		Re-install Radio Equipment	
DRAWING		Leg A - 45' Mount Assembly	
Souza Consulting	SIZE	SCALE	FOR
Peter Souza	B	1:25	
2/20/2024	REV	REV DATE	SHEET 3/7



PARTS LIST		
ITEM	QTY	PART NUMBER
4	1	SECTION 4
10	2	AM-5G19-120
11	1	10' STANDOFF - SLOPED
12	1	KP-3DP65S-45



Souza Consulting		SIZE	SCALE	FOR	
Peter Souza		B	1:25		
2/20/2024		REV	REV DATE		SHEET 4/7

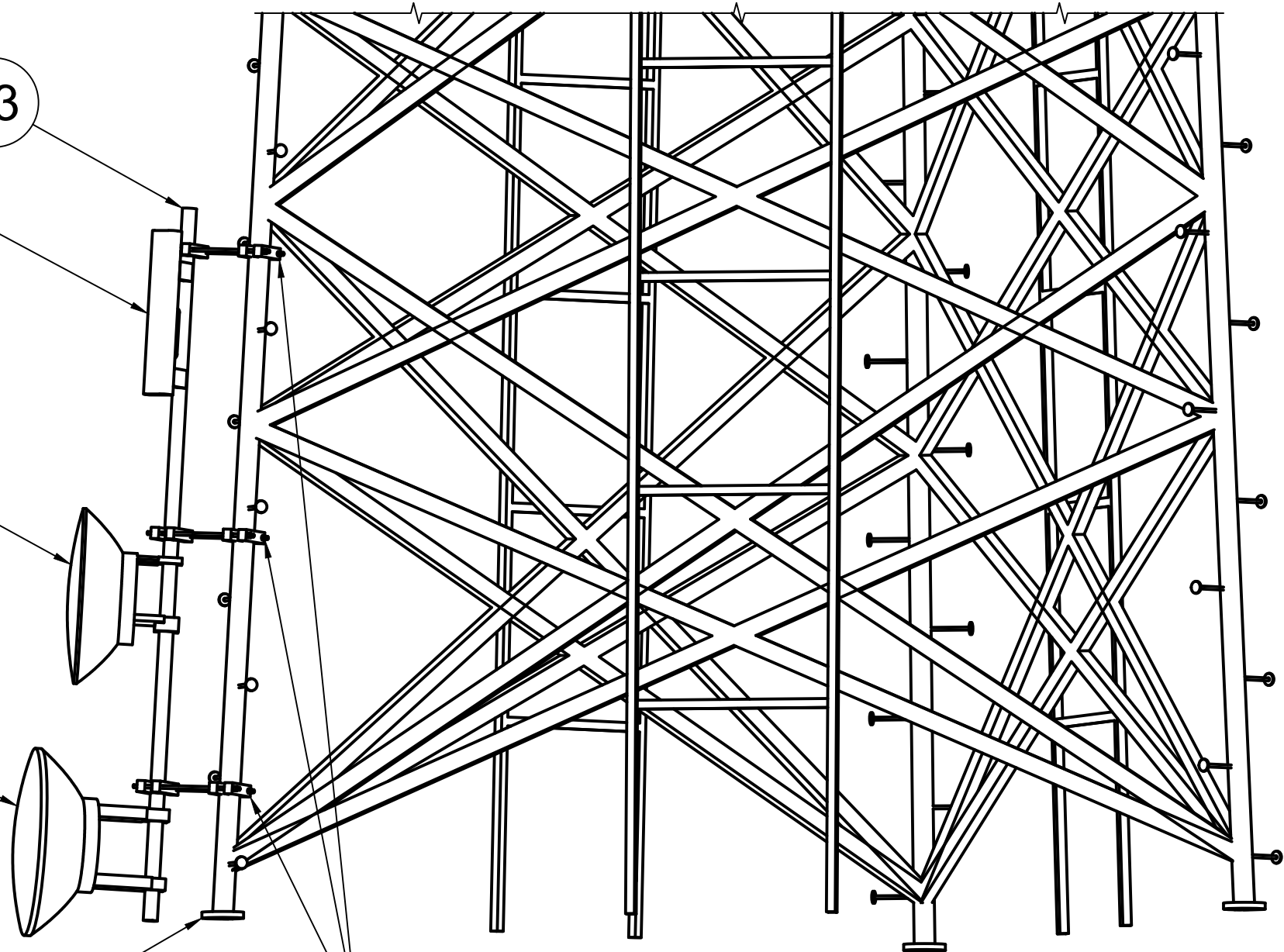
SITE
SCOPE Re-install Radio Equipment
DRAWING Leg A - 65' Mount Assembly

10

13

5

7



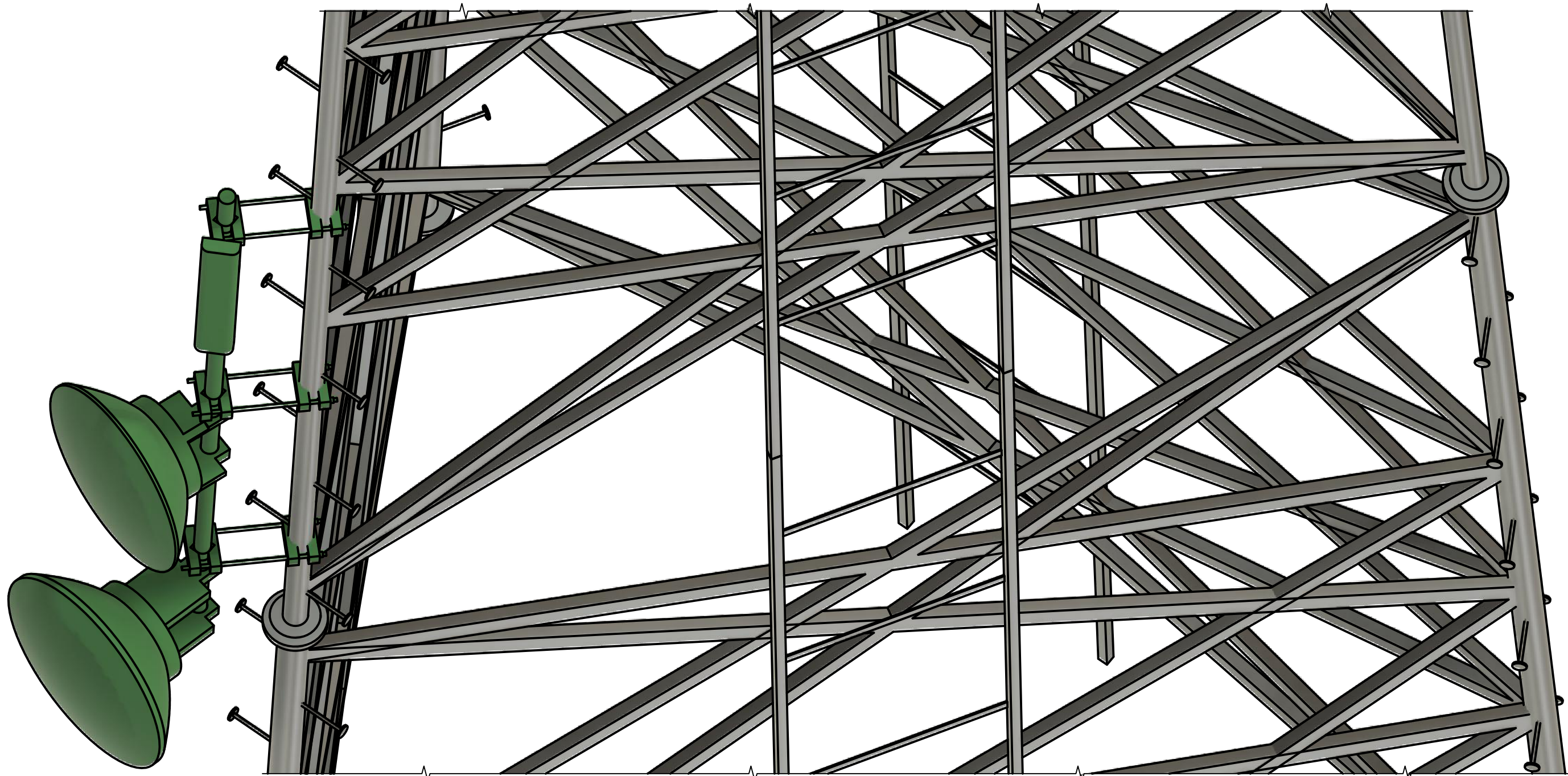
Clamps attached under pegs to maximize ease of climbing.

Section starts at 40' AGL

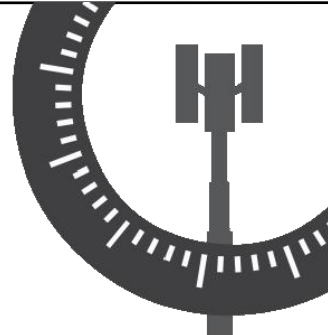
PARTS LIST

ITEM	QTY	PART NUMBER
3	1	SECTION 3
5	1	RD-5G31-AC
7	1	AF-11G35
10	1	AM-5G19-120
13	1	10' STANDOFF
17	1	UPC1 - SINGLE

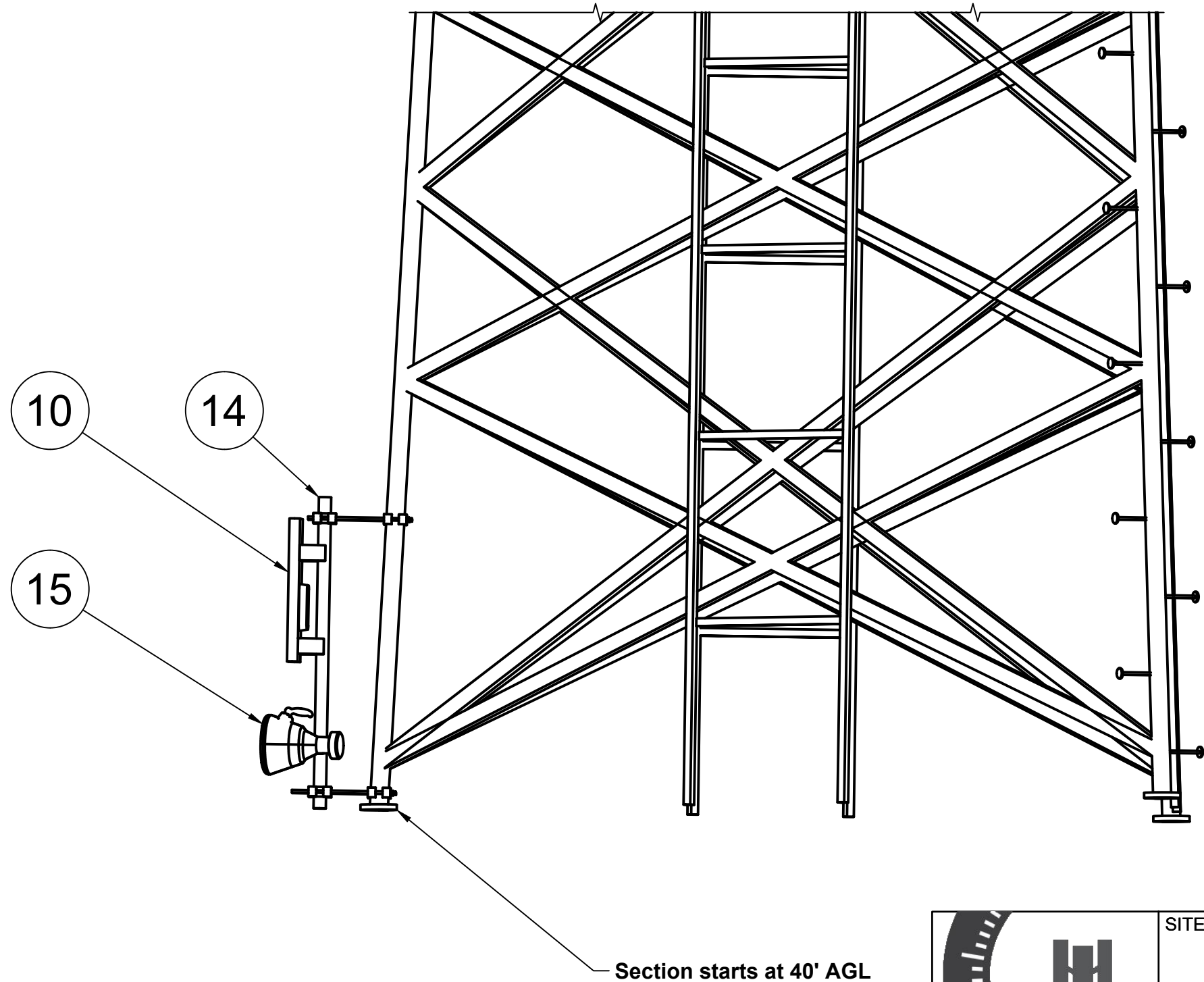
	SITE		
	SCOPE Re-install Radio Equipment		
	DRAWING Leg B Mount Assembly		
	Souza Consulting	SIZE	SCALE
Peter Souza	B	1:25	FOR
2/20/2024	REV	REV DATE	SHEET 5/7



This mount attached 45° CW, clamp points located to maximize climbing clearance.



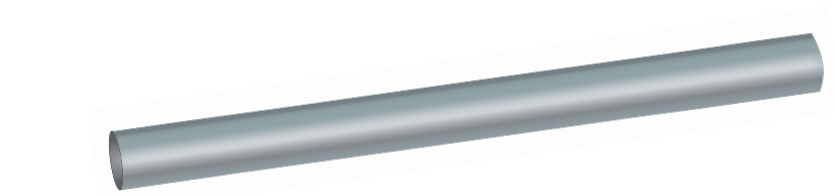
SITE			
SCOPE		Re-install Radio Equipment	
DRAWING		Leg B Mount Detail	
Souza Consulting	SIZE	SCALE	FOR
Peter Souza	B	1:25	
2/20/2024	REV	REV DATE	SHEET 6/7



PARTS LIST		
ITEM	QTY	PART NUMBER
3	1	SECTION 3
10	1	AM-5G19-120
14	1	5'
15	1	HG3-TP-A20-30 (1)

	SITE		
	SCOPE		
	Re-install Radio Equipment		
	DRAWING		
Leg C Mount Assembly			
Souza Consulting	SIZE	SCALE	FOR
Peter Souza	B	1:25	
2/20/2024	REV	REV DATE	SHEET 7/7

Pxxx: Bulk Pipe



Features:

- Factory cut end, hot-dip galvanized pipe

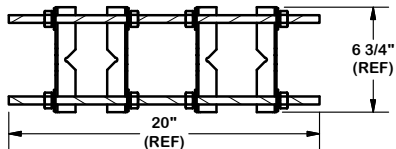
Construction:

- ASTM A53 Grade B
- Schedule 40

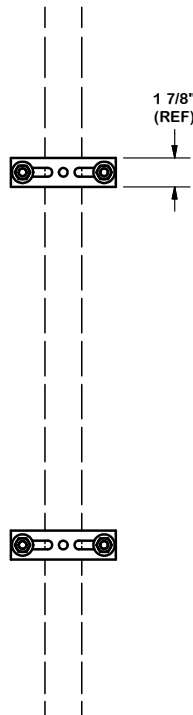
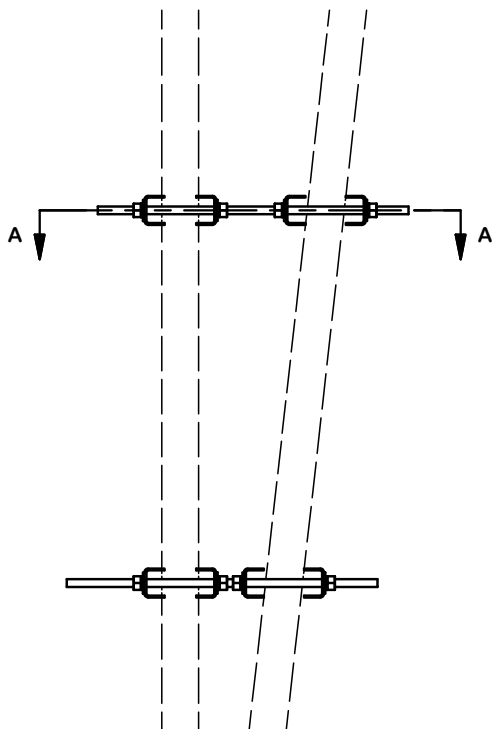
Design Criteria:

- ASTM A53 Grade B (Yield $F_y = 35$ ksi [240 MPa] / Tensile $F_u = 60$ ksi [415 MPa])
- Hot dip galvanized in accordance with ASTM A123 requirements

Part #	Length	OD x Length (in)
P263	5'-3"	2-3/8" x 63"
P272	6'-0"	2-3/8" x 72"
P284	7'-0"	2-3/8" x 84"
P296	8'-0"	2-3/8" x 96"
P2120	10'-0"	2-3/8" x 120"
P2126	10'-6"	2-3/8" x 126"
P2150	12'-6"	2-3/8" x 150"
P2174	14'-6"	2-3/8" x 174"
P3084	7'-0"	2-7/8" x 84"
P3096	8'-0"	2-7/8" x 96"
P30120	10'-0"	2-7/8" x 120"
P30126	10'-6"	2-7/8" x 126"
P30150	12'-6"	2-7/8" x 150"
P30174	14'-6"	2-7/8" x 174"
P360	5'-0"	3-1/2" x 60"
P372	6'-0"	3-1/2" x 72"
P396	8'-0"	3-1/2" x 96"
P3150	12'-6"	3-1/2" x 150"
P3160	13'-4"	3-1/2" x 160"
P3174	14'-6"	3-1/2" x 174"
P3216	18'-0"	3-1/2" x 216"
P472	6'-0"	4-1/2" x 72"
P4126	10'-6"	4-1/2" x 126"



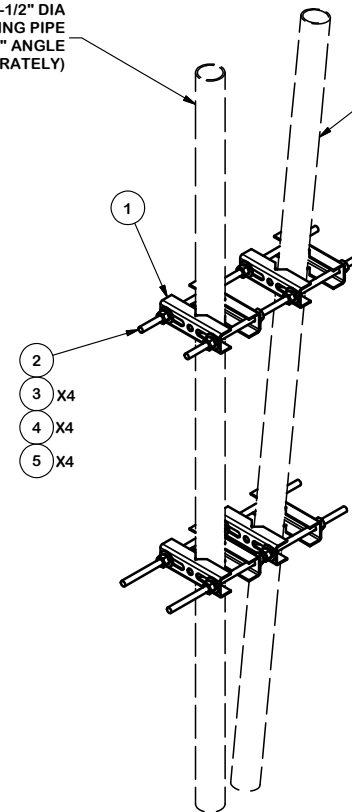
SECTION A-A



PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	8	X-UPC1	SMALL PIPE TO PIPE BRACKET		0.85	6.79
2	4	G12R-20	1/2" x 20" THREADED ROD (HDG.)	20 in	3.23	12.91
3	16	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	1.14
4	16	G12LW	1/2" HDG LOCKWASHER		0.01	0.22
5	16	G12FW	1/2" HDG USS FLATWASHER		0.03	0.54
TOTAL WT. #						13.45

1-1/4" TO 4-1/2" DIA
ANTENNA MOUNTING PIPE
OR 1-1/2" TO 3" ANGLE
(ORDERED SEPARATELY)

1-1/4" TO 4-1/2" DIA
TOWER LEG
OR 1-1/2" TO 3" ANGLE
(REF)



TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES ($\pm 0.030"$)
DRILLED AND GAS CUT HOLES ($\pm 0.030"$) - NO CONING OF HOLES
LASER CUT EDGES AND HOLES ($\pm 0.010"$) - NO CONING OF HOLES
BENDS ARE $\pm 1/2$ DEGREE
ALL OTHER MACHINING ($\pm 0.030"$)
ALL OTHER ASSEMBLY ($\pm 0.060"$)

PROPRIETARY NOTE:
THE DATA AND TECHNIQUES CONTAINED IN THIS DRAWING ARE PROPRIETARY INFORMATION OF VALMONT INDUSTRIES AND CONSIDERED A TRADE SECRET. ANY USE OR DISCLOSURE WITHOUT THE CONSENT OF VALMONT INDUSTRIES IS STRICTLY PROHIBITED.

DESCRIPTION
UNIVERSAL PIPE-TO-PIPE
CLAMP SET
FOR SMALL PIPES (1-1/4" TO 4-1/2")

CPD NO. 4448	DRAWN BY CEK 3/13/2009	ENG. APPROVAL
CLASS 81	SUB 01	DRAWING USAGE CUSTOMER
	CHECKED BY CEK 2/18/2013	



Locations:
New York, NY
Atlanta, GA
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX
Engineering
Support Team:
1-888-753-7446

PART NO. UPC1	PAGE 1 OF 1
DWG. NO. UPC1	

A	REDRAWN IN INV. UPDATED VIEWS & TABLE	KC8	8/20/2012
REV	DESCRIPTION OF REVISIONS	CPD	DATE
REVISION HISTORY			