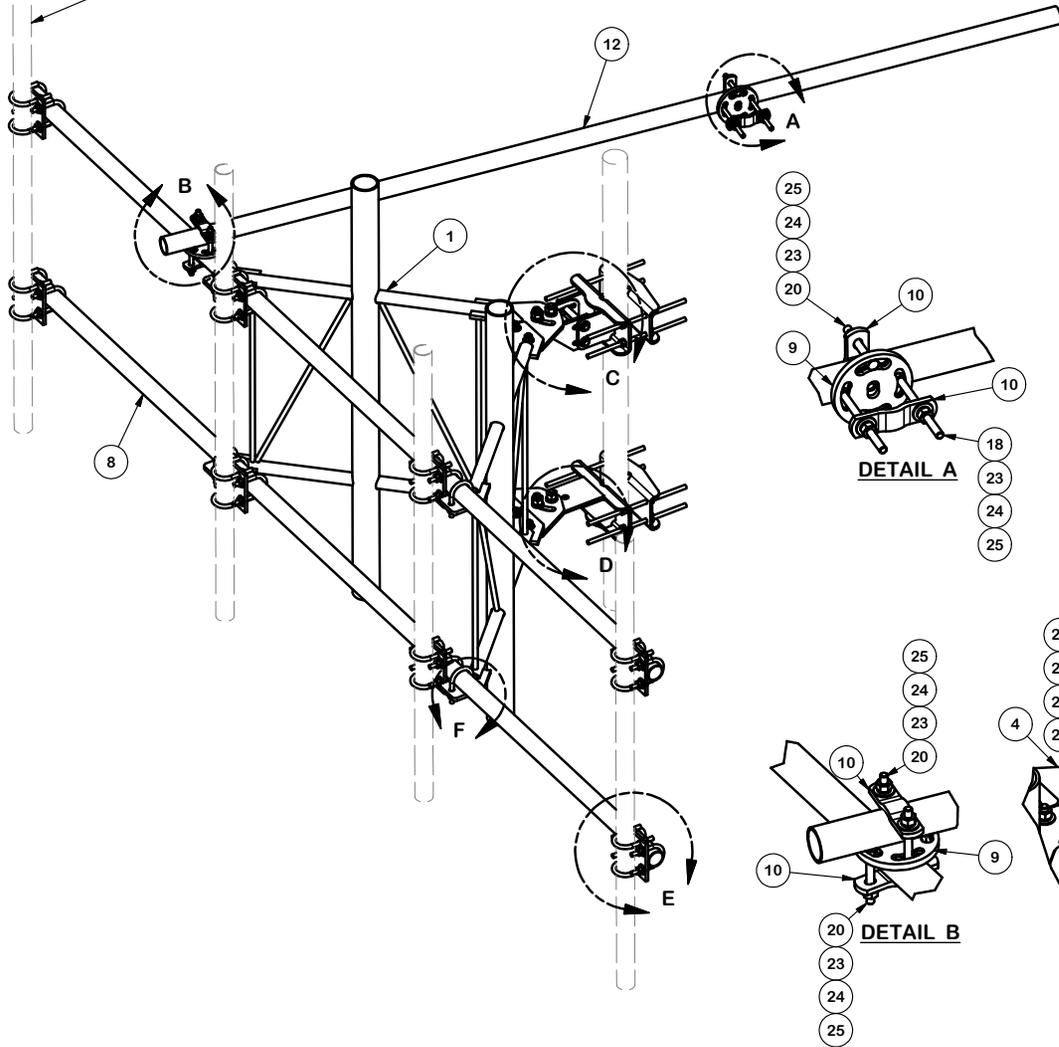


ANTENNA MOUNTING PIPES
ORDERED SEPARATELY



PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	2	X-233791	SUPPORT ARM		80.39	160.78
2	1	X-SDTFLB	DIAGONAL SLOT WELDMENT FOR BCAM SD		15.08	15.08
3	1	X-SDMHTP	MULTI-HOLE TAPER PLATE WELDMENT		16.63	16.63
4	2	X-SDPP	PIVOT PLATE	11 1/16 in	9.09	18.18
5	1	X-SDCAMSS	STRAIGHT SLOT WELDMENT FOR BCAM		8.48	8.48
6	1	X-SDCAMSP	POSITIONING PLATE WELDMENT FOR BCAM		1.43	1.43
7	2	X-LCBP2	BENT BACKING PLATE	12 in	8.86	17.73
8	2	P2150	2-3/8" O.D. X 150" SCH 40 GALVANIZED PIPE	150 in	45.77	91.54
9	2	X-127594	FLAT DISK CLAMP PLATE 4" CENTERS (GALV.)		2.51	5.01
10	4	X-100064	CLAMP (4" V-CLAMP) GALVANIZED		0.92	3.69
11	8	SCX1	CROSSOVER PLATE 2-3/8" X 2-3/8"	6 in	3.71	29.67
12	1	P2126	2-3/8" X 126" (2" SCH. 40) GALVANIZED PIPE	126 in	40.75	40.75
13	4	A34214	3/4"-10 X 2-1/4" A325 BOLT	2 1/4 in	0.47	1.89
14	4	G34FW	3/4" HDG USS FLATWASHER		0.06	0.24
15	4	G34LW	3/4" HDG LOCKWASHER		0.04	0.17
16	4	G34NUT	3/4" HDG HEAVY 2H HEX NUT		0.21	0.85
17	8	G12R-15	1/2" x 15" THREADED ROD (HDG.)		0.84	6.69
18	4	G12065	1/2" x 6-1/2" HDG HEX BOLT GR5 FULL THREAD	5 1/2 in	0.41	1.64
19	1	G12045	1/2" x 4.5" HDG HEX BOLT GR5 FULL THREAD	4 1/2 in	0.30	0.30
20	6	G1204	1/2" x 4" HDG HEX BOLT GR5 FULL THREAD	4 in	0.27	1.62
21	8	G1202	1/2" x 2" HDG HEX BOLT GR5	2 in	0.18	1.41
22	36	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" GALV. U-BOLT		0.66	23.86
23	93	G12FW	1/2" HDG USS FLATWASHER	3/32 in	0.03	3.17
24	106	G12LW	1/2" HDG LOCKWASHER	1/8 in	0.01	1.47
25	107	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	7.66
					TOTAL WT. #	459.70

DETAIL A

DETAIL B

DETAIL C

DETAIL D

DETAIL E

DETAIL F

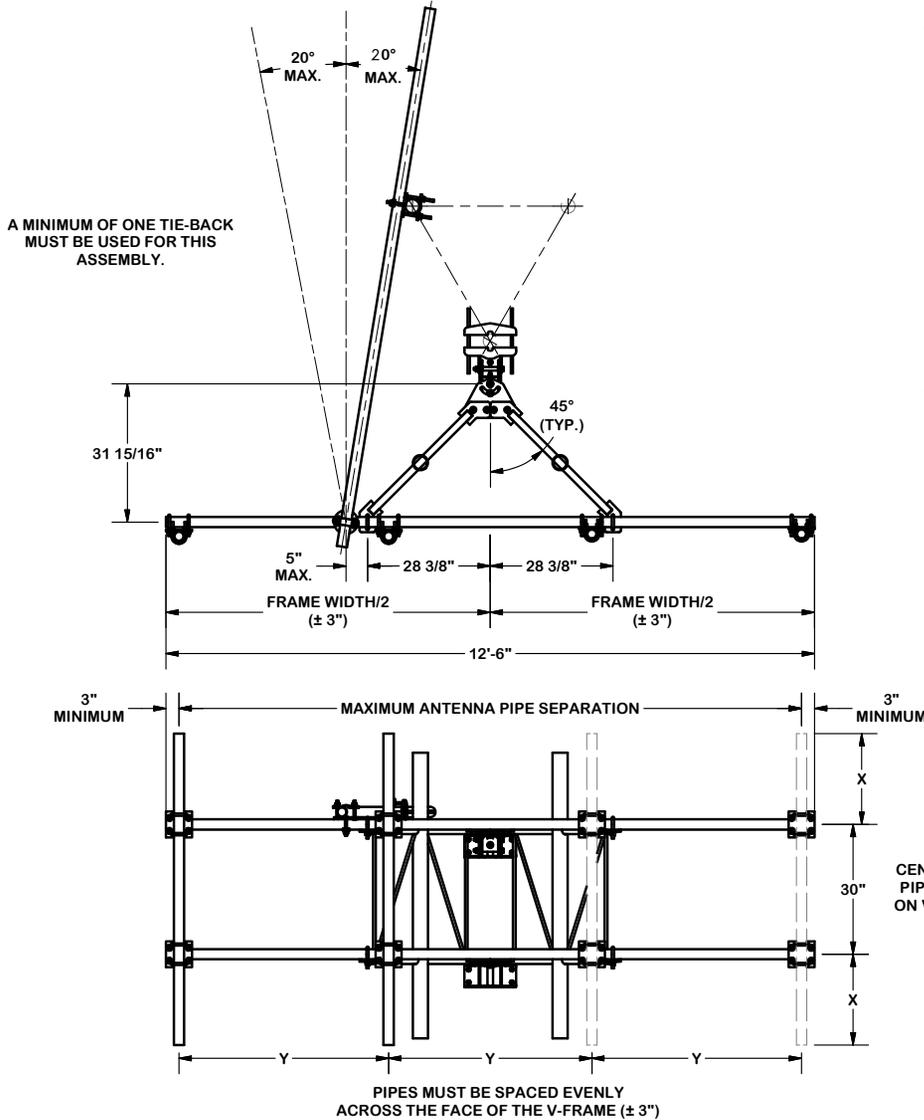
TOLERANCE NOTES
TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
 SAWED, SHEARED AND GAS CUT EDGES ($\pm 0.030"$)
 DRILLED AND GAS CUT HOLES ($\pm 0.030"$) - NO CONING OF HOLES
 LASER CUT EDGES AND HOLES ($\pm 0.010"$) - NO CONING OF HOLES
 BENDS ARE $\pm 1/2$ DEGREE
 ALL OTHER MACHINING ($\pm 0.030"$)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

PROPRIETARY NOTE:
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DESCRIPTION		12'-6" V-FRAME ASSEMBLY W/ STIFF ARM AND RRU MOUNTING PIPE	
CPD NO.	DRAWN BY	ENG. APPROVAL	
10142	CEK 4/8/2014		
CLASS	DRAWING USAGE	CHECKED BY	
81	CUSTOMER	BMC 8/22/2018	

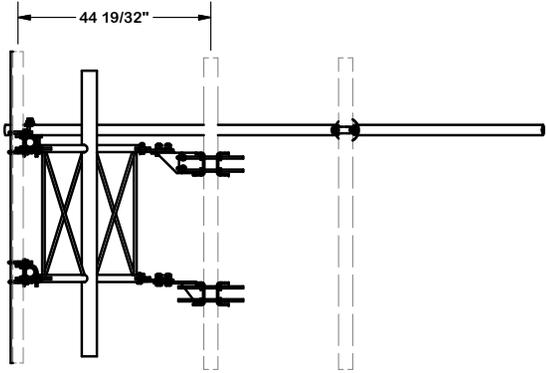
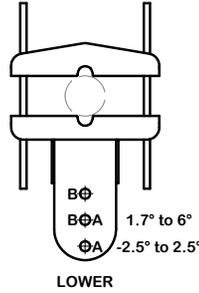
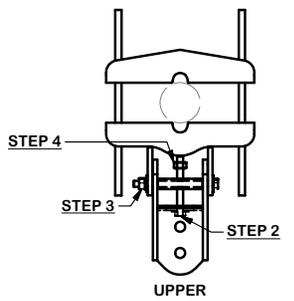
<p>Locations: New York, NY Atlanta, GA Los Angeles, CA Plymouth, IN Salem, OR Dallas, TX</p>	Engineering Support Team: 1-888-753-7446	PART NO.	VFA12-RRU	PAGE 1 OF 3
		DWG. NO.	VFA12-RRU	

REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
B	UPDATED BCAM VERSION 1 TO BCAM VERSION 2		CEK	8/22/2018
A	CHANGED LEG CONNECTION HARDWARE		CEK	6/9/2017
REVISION HISTORY				



ANGLE CALIBRATING PROCEDURE:

1. MEASURE TOWER TAPER AND PICK LOWER BRACKET HOLE:
 - HOLE A = -2.5° TO 2.5°
 - HOLE B = 1.7° TO 6°
2. USE CALIBRATING BOLT TO ADJUST FRAME TO DESIRED TAPER
3. TORQUE LOCKING BOLTS TO 50 ft.-lbs.
4. ADVANCE LOCKING NUT TO POSITIONING PLATE, THEN TIGHTEN.



REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
B	UPDATED BCAM VERSION 1 TO BCAM VERSION 2		CEK	8/22/2018
A	CHANGED LEG CONNECTION HARDWARE		CEK	6/9/2017
REVISION HISTORY				

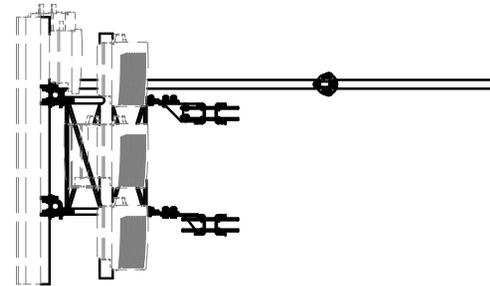
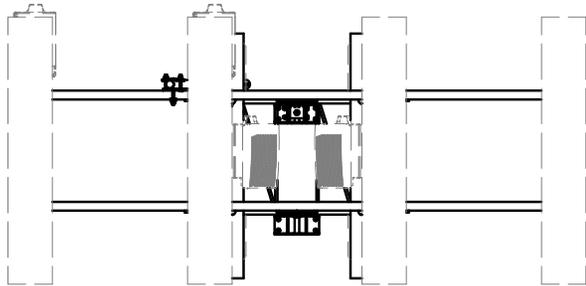
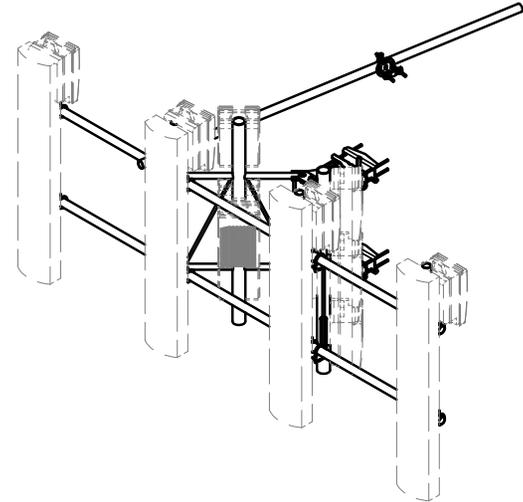
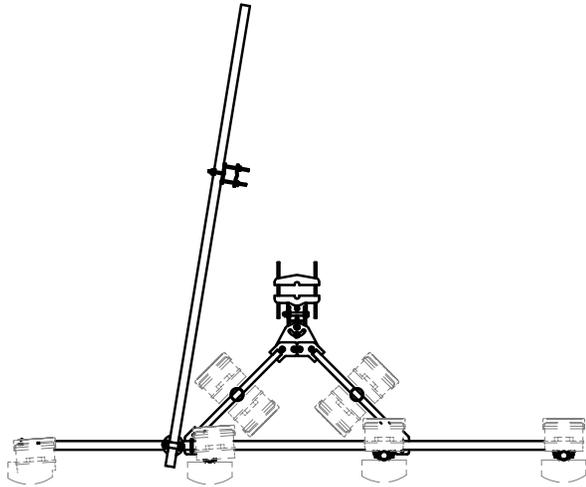
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DESCRIPTION		DRAWING USAGE	
12'-6" V-FRAME ASSEMBLY W/ STIFF ARM AND RRU MOUNTING PIPE		CLASS	SUB
CPD NO.	DRAWN BY	81	01
10142	CEK	DRAWING USAGE	CUSTOMER
ENG. APPROVAL		CHECKED BY	BMC
		DATE	8/22/2018

 A valmont COMPANY	Locations: New York, NY Atlanta, GA Los Angeles, CA Plymouth, IN Salem, OR Dallas, TX
	Engineering Support Team: 1-888-753-7446
PART NO.	VFA12-RRU
DWG. NO.	VFA12-RRU



TOLERANCE NOTES

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 VALMONT INDUSTRIES IS STRICTLY PROHIBITED.**

DESCRIPTION
 12'-6" V-FRAME ASSEMBLY W/ STIFF ARM
 AND RRU MOUNTING PIPE

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

B	UPDATED BCAM VERSION 1 TO BCAM VERSION 2	CEK	8/22/2018
A	CHANGED LEG CONNECTION HARDWARE	CEK	6/9/2017
REV	DESCRIPTION OF REVISIONS	CPD	BY
REVISION HISTORY			

CPD NO.	10142	DRAWN BY	CEK	4/8/2014	ENG. APPROVAL
CLASS	81	SUB	01	DRAWING USAGE	CUSTOMER
			CHECKED BY	BMC	8/22/2018

PART NO.	VFA12-RRU	PAGE	3 OF 3
DWG. NO.	VFA12-RRU		