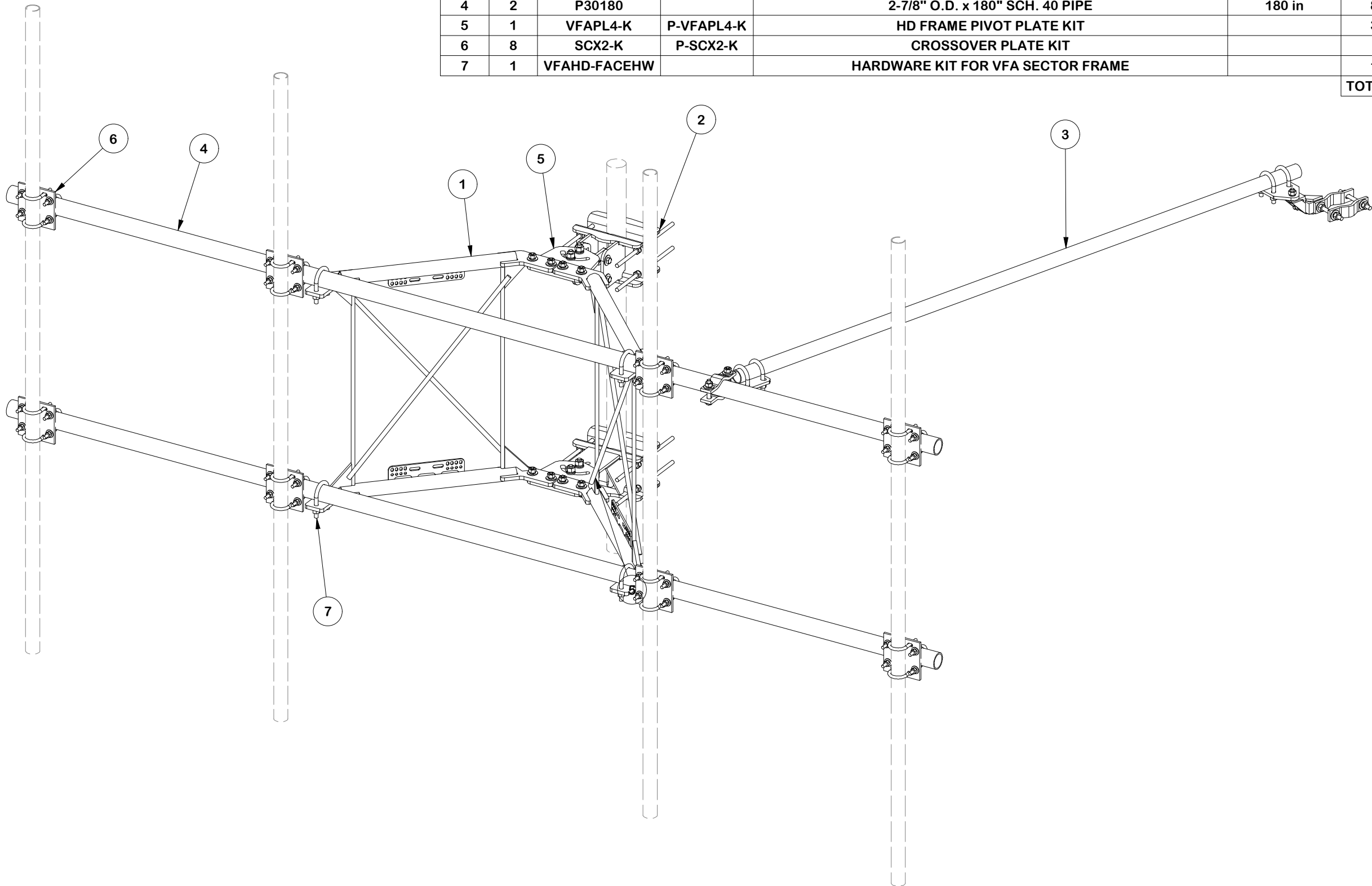
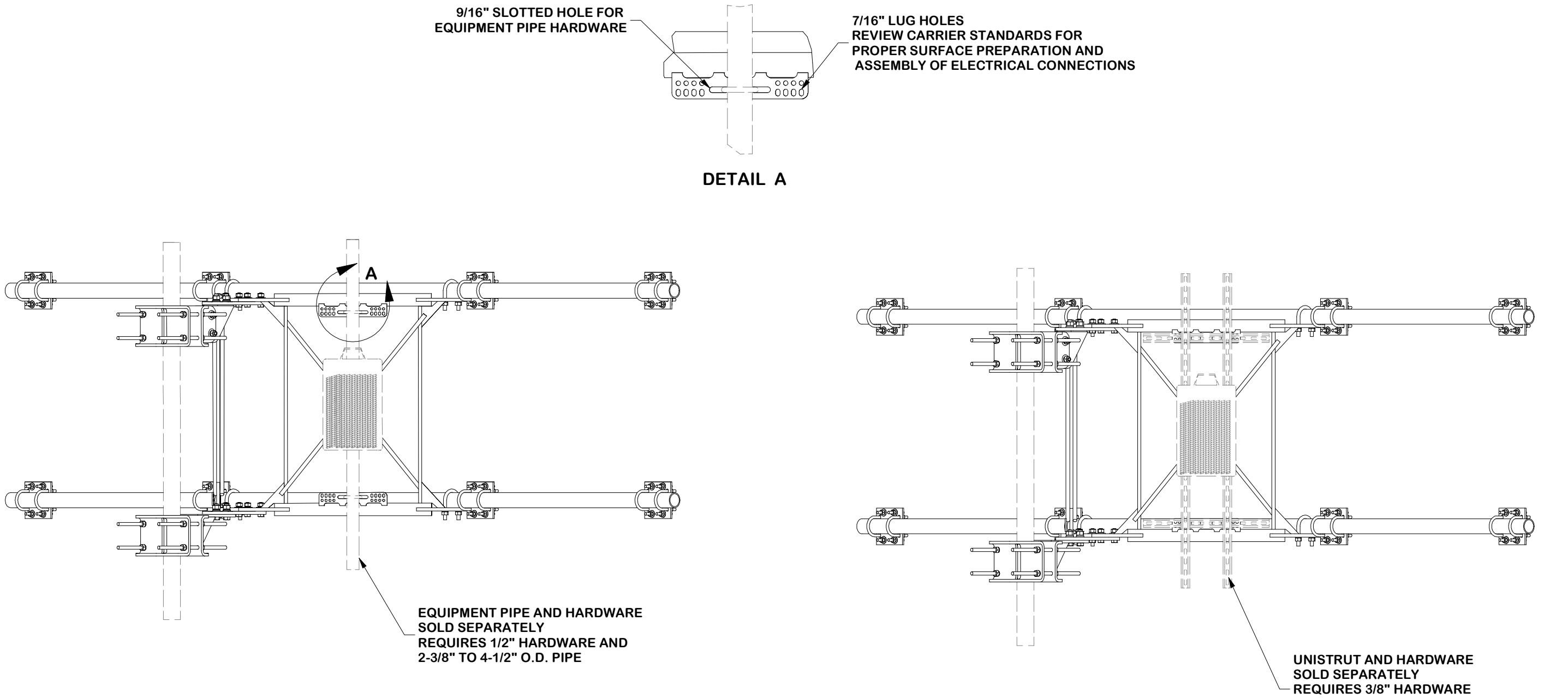


PARTS LIST								
ITEM	QTY	PART NO.	BOX NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.	
1	2	X-VFAW		SUPPORT ARM		71.41	142.81	
2	1	BCAM-HD		HEAVY DUTY BOLT CALIBRATED ANGLE MAINSTAY		147.01	147.01	
3	1	SPTB		SLIDING TIE-BACK ASSEMBLY KIT		91.18	91.18	
4	2	P30180		2-7/8" O.D. x 180" SCH. 40 PIPE	180 in	87.10	174.20	
5	1	VFAPL4-K	P-VFAPL4-K	HD FRAME PIVOT PLATE KIT		39.25	39.25	
6	8	SCX2-K	P-SCX2-K	CROSSOVER PLATE KIT		8.84	70.73	
7	1	VFAHD-FACEHW		HARDWARE KIT FOR VFA SECTOR FRAME		17.93	17.93	
							TOTAL WT. #	683.12



					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 AND ANGLES ARE $\pm 1/2$ DEGREE ALL OTHER MACHINING ($\pm 0.030''$) ALL OTHER ASSEMBLY ($\pm 0.060''$)		DESCRIPTION 12'-6" HEAVY DUTY V-FRAME ASSEMBLY WITH ONE STIFF ARM			SITE PRO 1 Engineering Support Team: sp1engineering@valmont.com A valmont  COMPANY							
C	MADE SUPER ASSEMBLY & SWITCHED P30174 TO P30180	SP1	KS	5/22/2025	PATENT INFORMATION: WWW.SITEPRO1.COM/PATENTS		CPD NO. SP1		DRAWN BY KS 10/3/2024		ENG. APPROVAL 6/9/2025		PART NO. VFA14-HD-S		1 OF 17 PAGE		
B	UPDATED ANDLE CAILBRAING PROCEDURE PAGE 2	SP1	CEK	6/29/2018			CLASS 87		SUB 02		DRAWING USAGE CUSTOMER		CHECKED BY CSL 6/9/2025			DWG. NO. VFA14-HD-S	
A	UPDATED BCAM VERSION 1 TO BCAM VERSION 2	SP1	CEK	12/12/2017			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.										
REV	DESCRIPTION OF REVISIONS		CPD	BY	DATE	REVISION HISTORY											



TOLERANCE NOTES

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

PATENT INFORMATION: WWW.SITEPRO1.COM/PATENTS

PROPRIETARY NOTE:
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DESCRIPTION
**12'-6" HEAVY DUTY
V-FRAME ASSEMBLY
WITH ONE STIFF ARM**

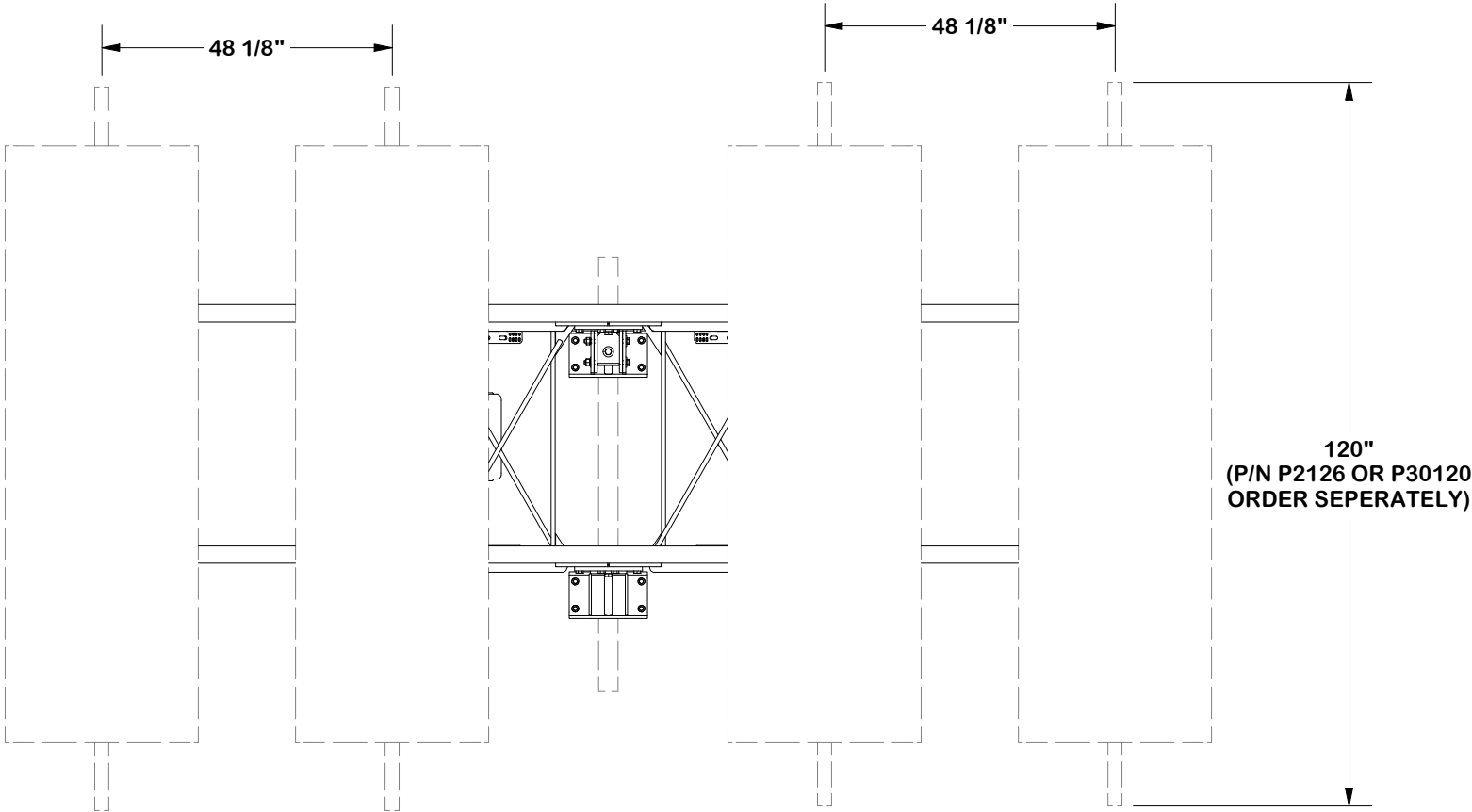
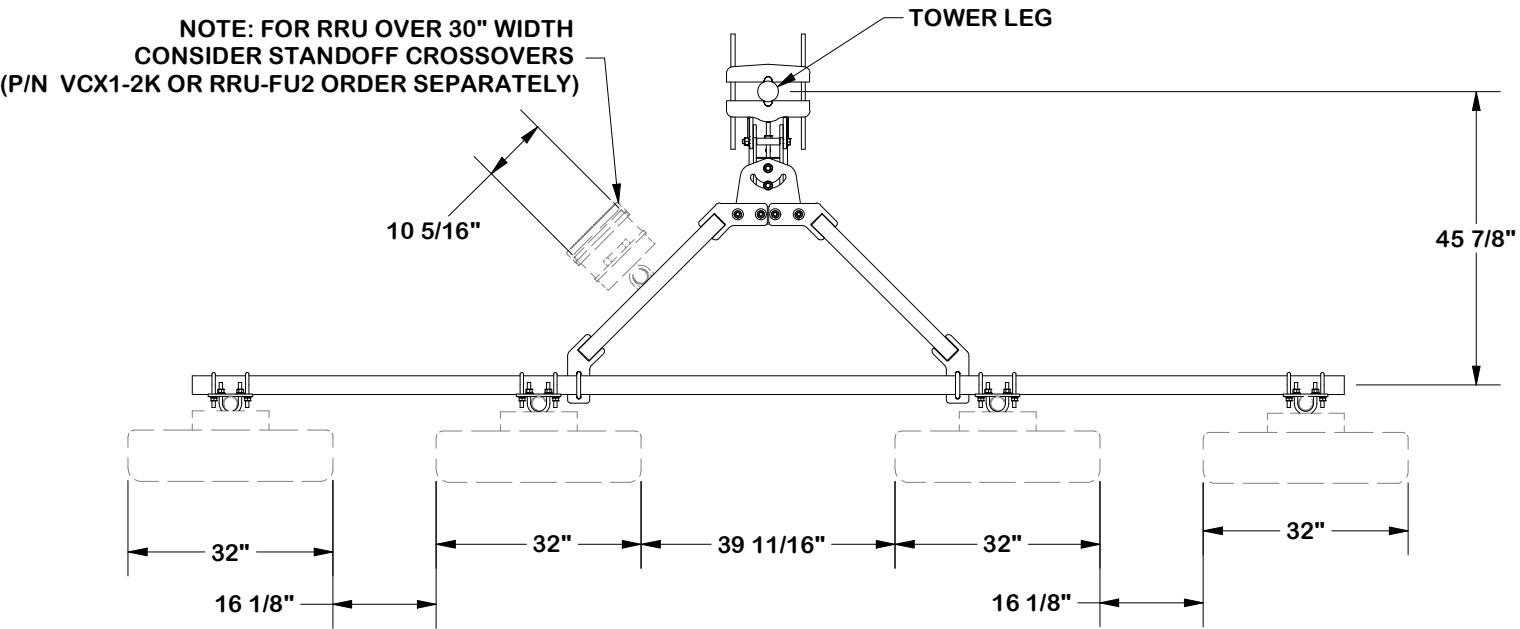
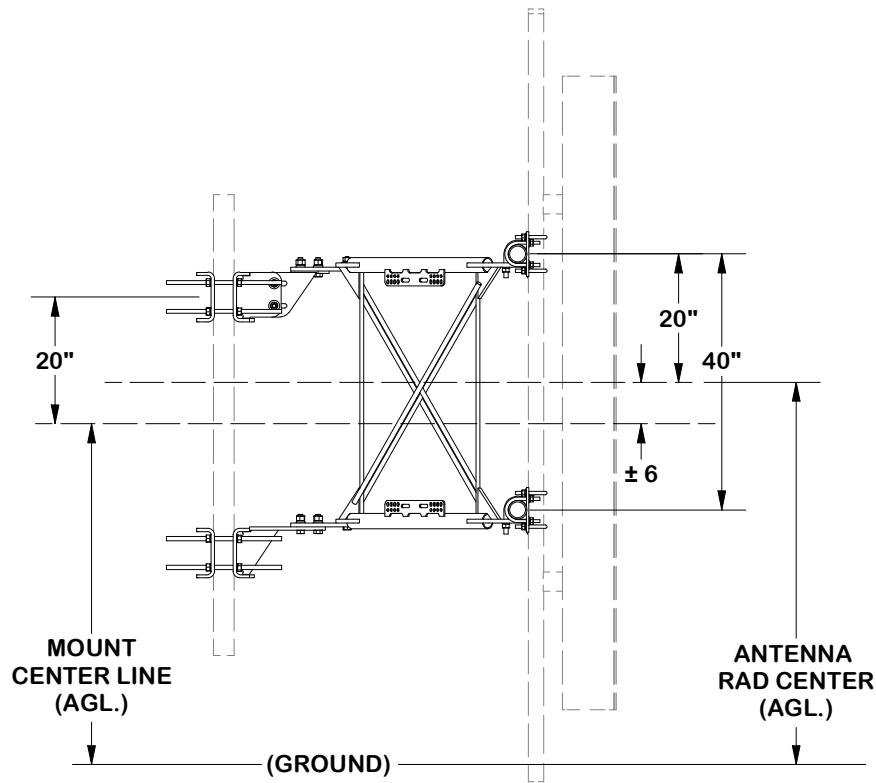
CPD NO. SP1		DRAWN BY KS 10/3/2024	ENG. APPROVAL 6/9/2025
CLASS 87	SUB 02	DRAWING USAGE CUSTOMER	CHECKED BY CSL 6/9/2025



Engineering
Support Team:
sp1engineering@valmont.com

PART NO. VFA14-HD-S	PAGE 2 OF 17
DWG. NO. VFA14-HD-S	

4 ANTENNA SECTOR FRAME LAYOUT



[ATT-790-202-083 MACRO BUILD COMPLIANT]

TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
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ALL OTHER MACHINING ($\pm 0.030"$)
ALL OTHER ASSEMBLY ($\pm 0.060"$)

PATENT INFORMATION: WWW.SITEPRO1.COM/PATENTS

PROPRIETARY NOTE:
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DESCRIPTION

12'-6" HEAVY DUTY
V-FRAME ASSEMBLY
WITH ONE STIFF ARM

CPD NO.

SP1

DRAWN BY

KS 10/3/2024

ENG. APPROVAL

6/9/2025

CLASS

87

SUB

02

DRAWING USAGE

CUSTOMER

CHECKED BY

CSL 6/9/2025

PART NO.

VFA14-HD-S

DWG. NO.

VFA14-HD-S



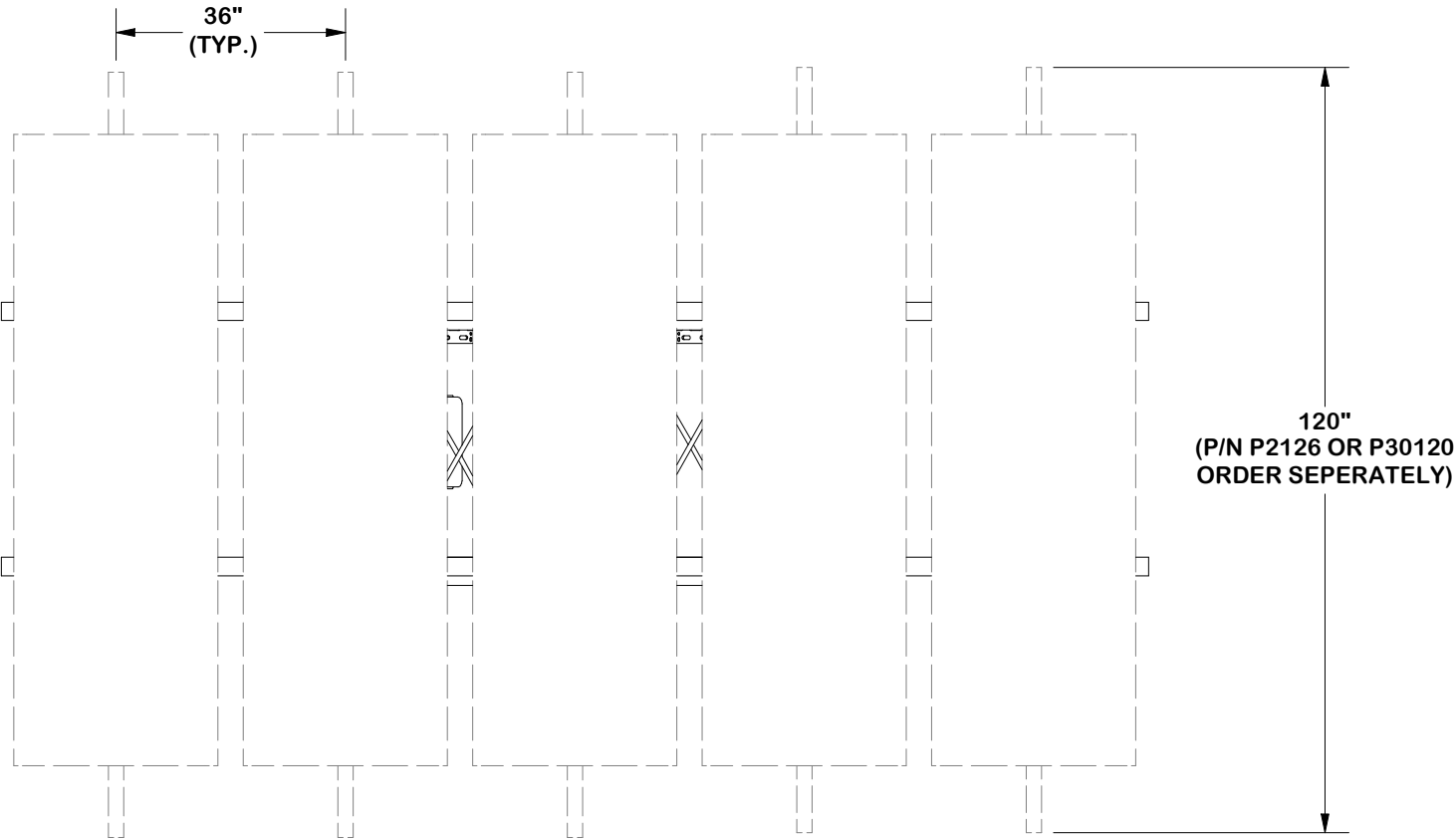
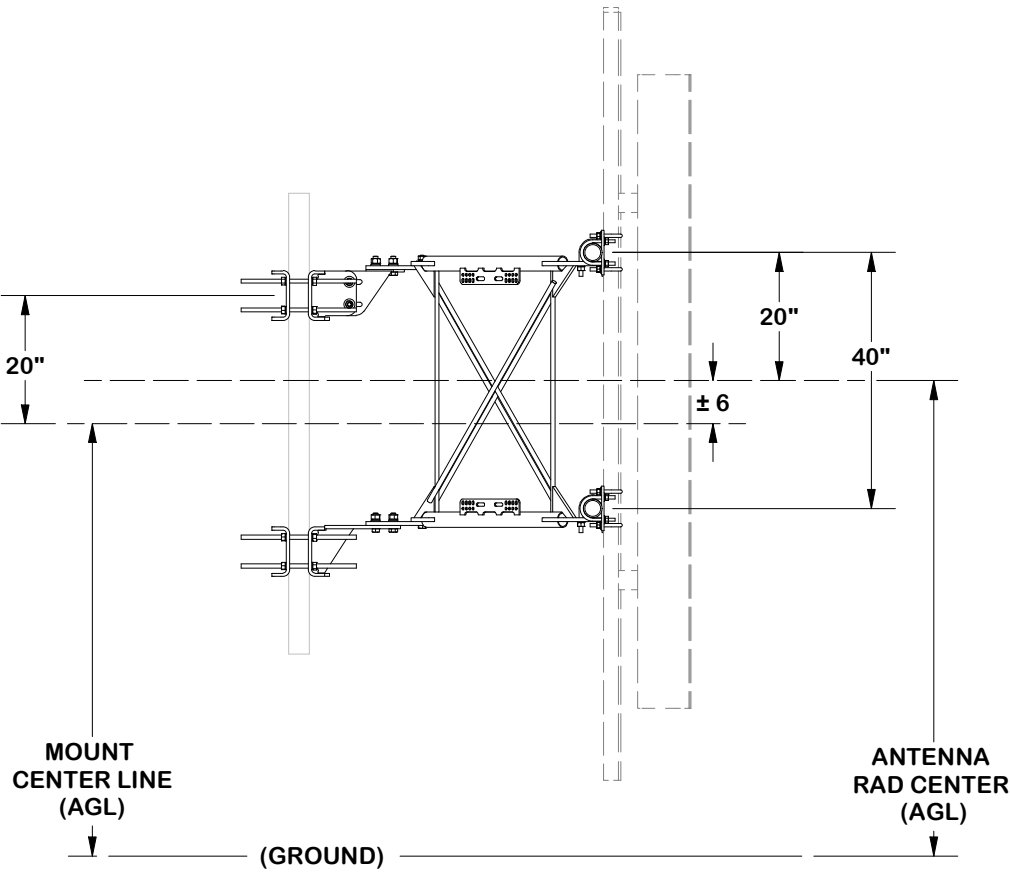
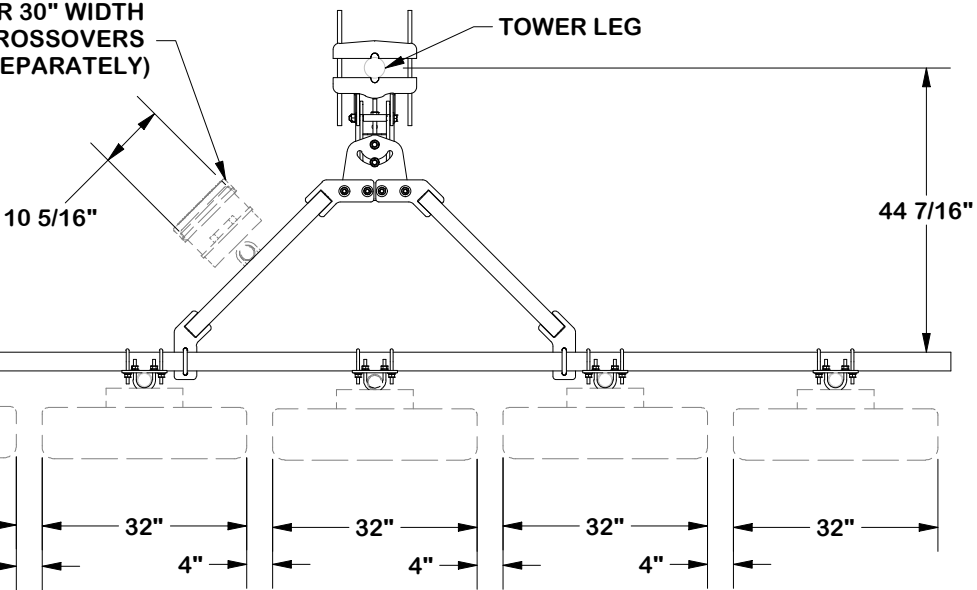
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Support Team:
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5 ANTENNA SECTOR FRAME LAYOUT

EXTRA CROSSOVER REQUIRED
P/N SCX2-K (ORDER SEPARATELY)

NOTE: FOR RRU OVER 30" WIDTH
CONSIDER STANDOFF CROSSOVERS
(P/N VCX1-2K OR RRU-FU2 ORDER SEPARATELY)



[ATT-790-202-083 MACRO BUILD
COMPLIANT]

TOLERANCE NOTES

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DESCRIPTION

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V-FRAME ASSEMBLY
WITH ONE STIFF ARM

CPD NO.

SP1

DRAWN BY

KS 10/3/2024

ENG. APPROVAL

6/9/2025

CLASS

87

SUB

02

DRAWING USAGE

CUSTOMER

CHECKED BY

CSL

6/9/2025

PART NO.

VFA14-HD-S

DWG. NO.

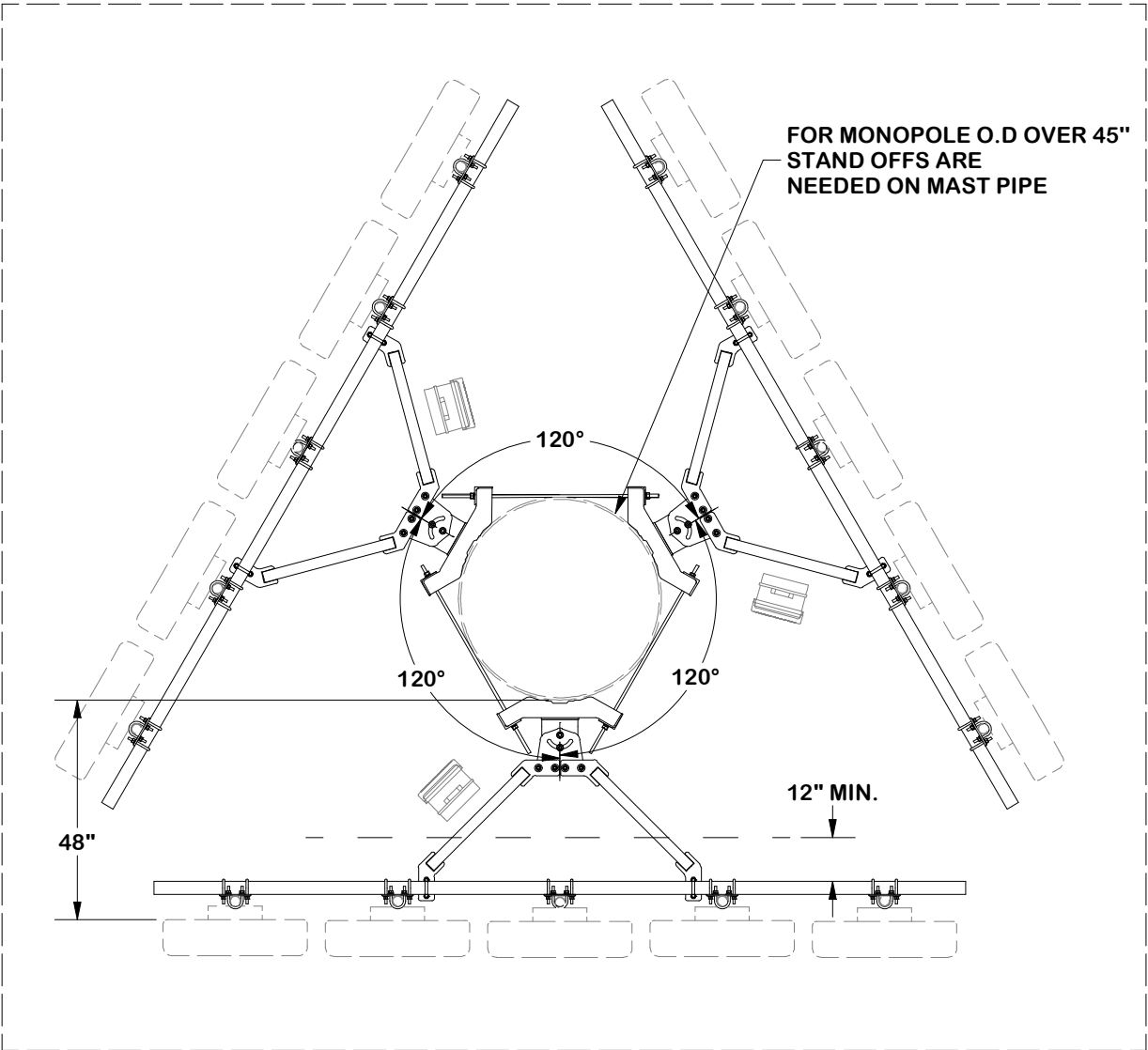
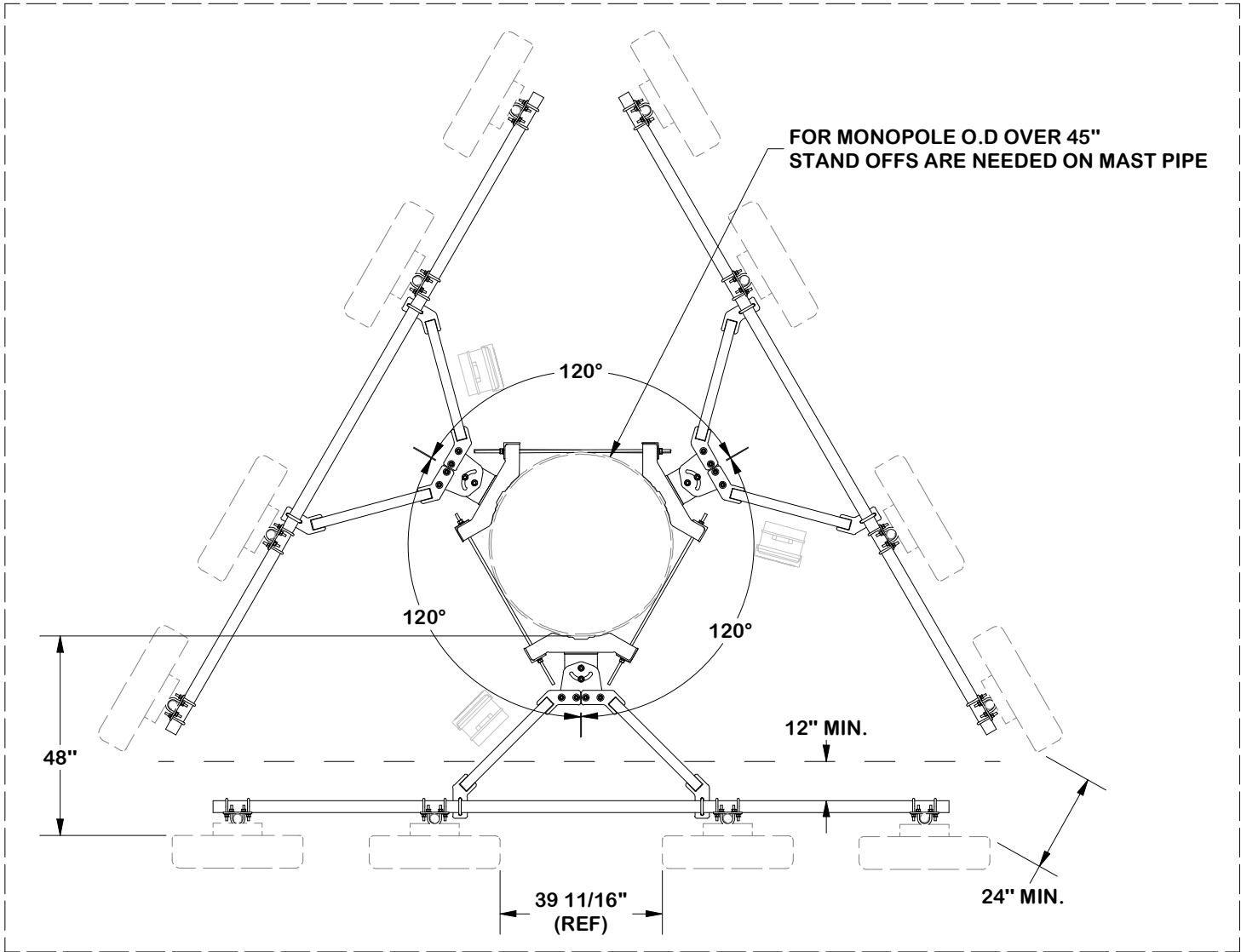
VFA14-HD-S



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Support Team:
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MONOPOLE CORNER LAYOUT



NOTE: TIE-BACKS OMITTED FOR CLARITY

[ATT-790-202-083 MACRO BUILD COMPLIANT]

TOLERANCE NOTES

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PATENT INFORMATION: WWW.SITEPRO1.COM/PATENTS

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DESCRIPTION

12'-6" HEAVY DUTY
V-FRAME ASSEMBLY
WITH ONE STIFF ARM

CPD NO.

SP1

DRAWN BY

KS 10/3/2024

ENG. APPROVAL

6/9/2025

CLASS

87

SUB

02

DRAWING USAGE

CUSTOMER

CHECKED BY

CSL

6/9/2025



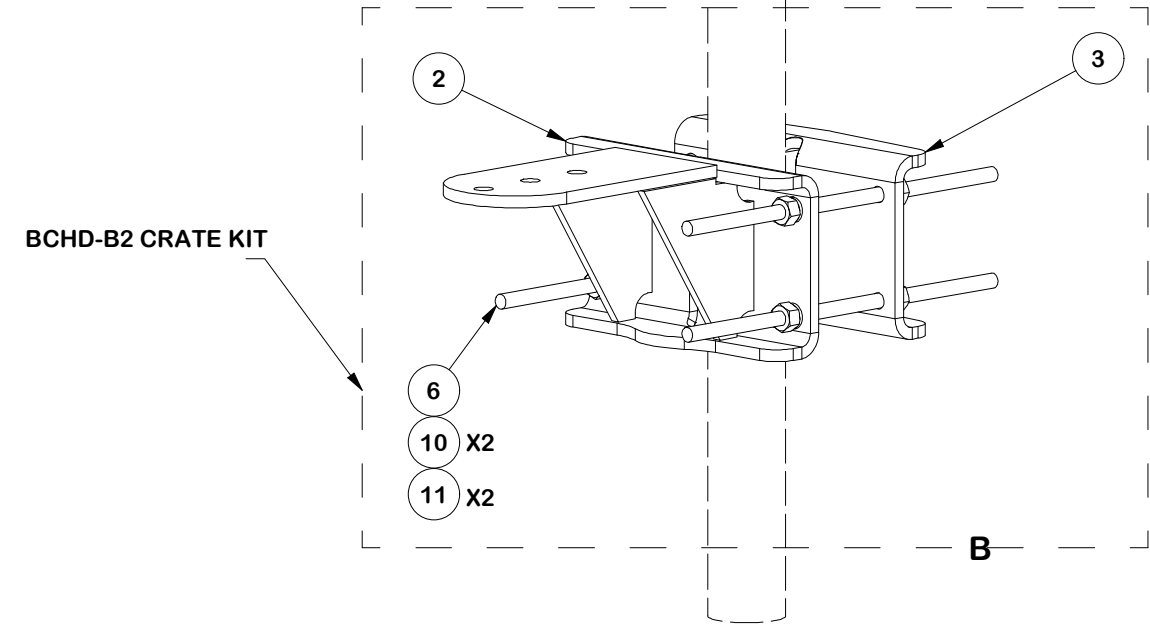
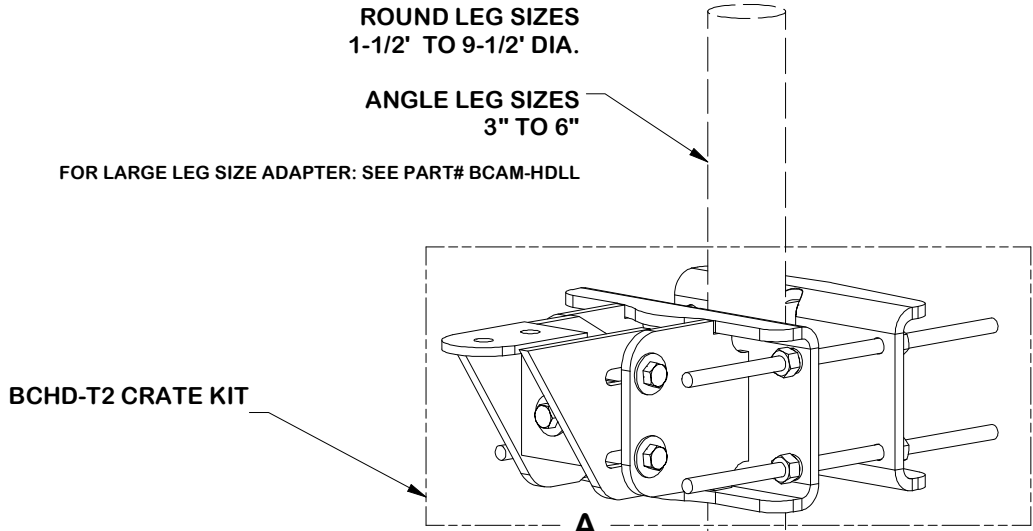
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PART NO.

CORNER LAYOUT

DWG. NO.

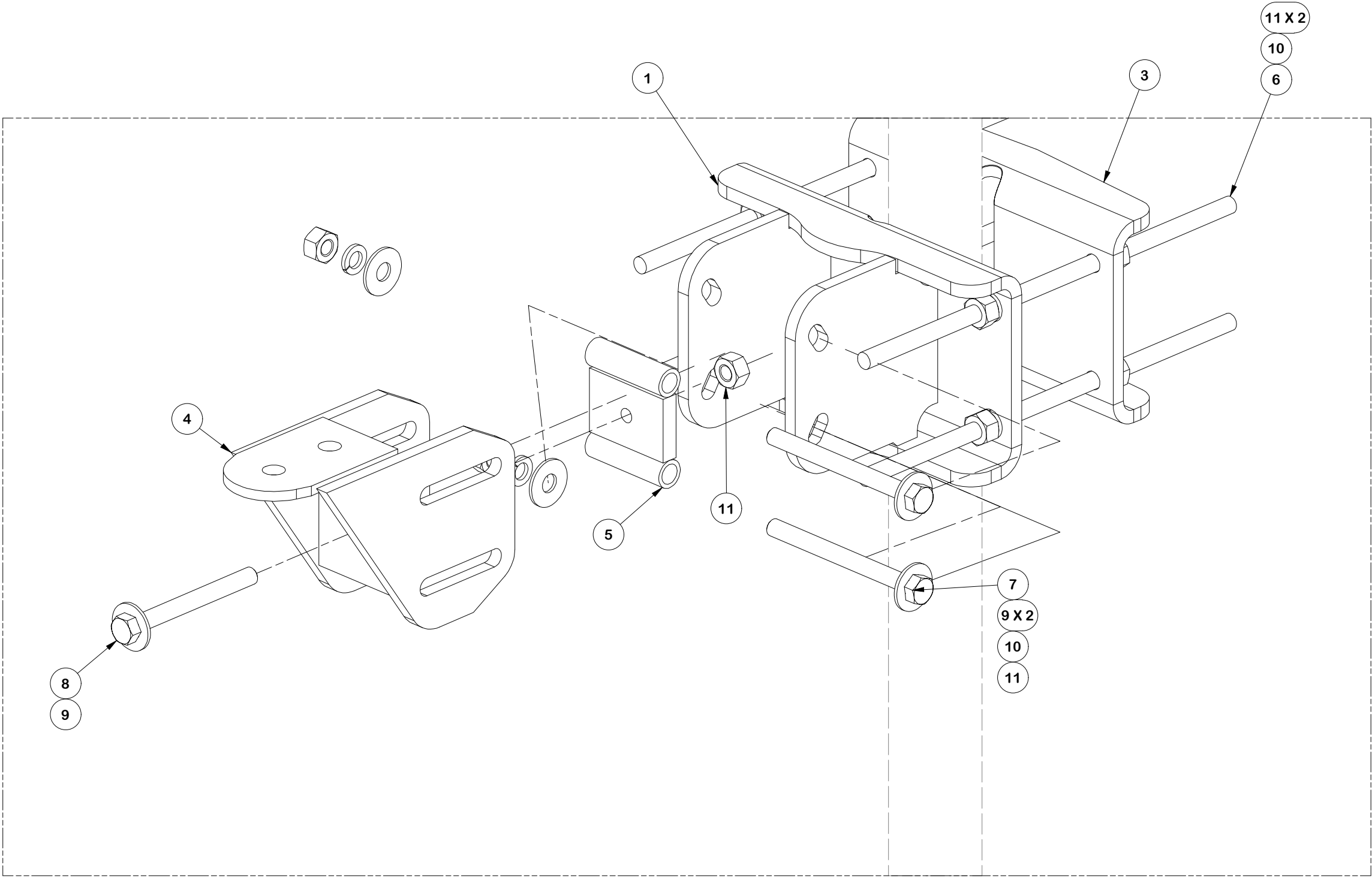
VFA14-HD-S



PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	1	X-HDCAMTBW	CLAMP WELDMENT FOR BCAM-HD		33.86	33.86
2	1	X-MHTPHD	MULTI-HOLE TAPER PLATE WELDMENT		36.24	36.24
3	2	X-LCBP4	BENT BACKING PLATE	13 in	20.04	40.09
4	1	X-HDCAMSS	ANGLE ADJUSTMENT WELDMENT FOR BCAM-HD		16.39	16.39
5	1	X-HDCAMSP	POSITIONING PLATE WELDMENT FOR BCAM-HD		2.58	2.58
6	8	G58R-18	5/8" x 18" THREADED ROD (HDG.)		1.57	12.54
7	2	G5807	5/8" x 7" HDG HEX BOLT GR5 FULL THREAD	7 in	0.70	1.41
8	1	G5806	5/8" x 6" HDG HEX BOLT GR5 FULL THREAD	6 in	0.62	0.62
9	5	G58FW	5/8" HDG USS FLATWASHER	1/8 in	0.07	0.35
10	18	G58LW	5/8" HDG LOCKWASHER		0.03	0.47
11	19	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	2.47
					TOTAL WT. #	147.02

** FOR DETAIL SEE PAGE 2**

					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 AND ANGLES ARE $\pm 1/2$ DEGREE ALL OTHER MACHINING ($\pm 0.030''$) ALL OTHER ASSEMBLY ($\pm 0.060''$)			DESCRIPTION 12'-6" HEAVY DUTY V-FRAME ASSEMBLY WITH ONE STIFF ARM			SITE PRO 1 Engineering Support Team: sp1engineering@valmont.com A valmont  COMPANY		
A	REPLACED C CHANNEL BRKT WITH FORMED PLATE BRKT	SP1	KS	4/24/2018	PATENT INFORMATION: WWW.SITEPRO1.COM/PATENTS			CPD NO. SP1	DRAWN BY KS 10/3/2024	ENG. APPROVAL 6/9/2025	PART NO. BCAM-HD	6 OF 17 PAGE	
REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE	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.			CLASS 87	SUB 02	DRAWING USAGE CUSTOMER	CHECKED BY CSL 6/9/2025		DWG. NO. VFA14-HD-S
REVISION HISTORY													



VIEW A

TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
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PATENT INFORMATION: WWW.SITEPRO1.COM/PATENTS

PROPRIETARY NOTE:
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DESCRIPTION
**12'-6" HEAVY DUTY
V-FRAME ASSEMBLY
WITH ONE STIFF ARM**

CPD NO. SP1		DRAWN BY KS 10/3/2024	ENG. APPROVAL 6/9/2025
CLASS 87	SUB 02	DRAWING USAGE CUSTOMER	CHECKED BY CSL 6/9/2025

SITE
PRO

1

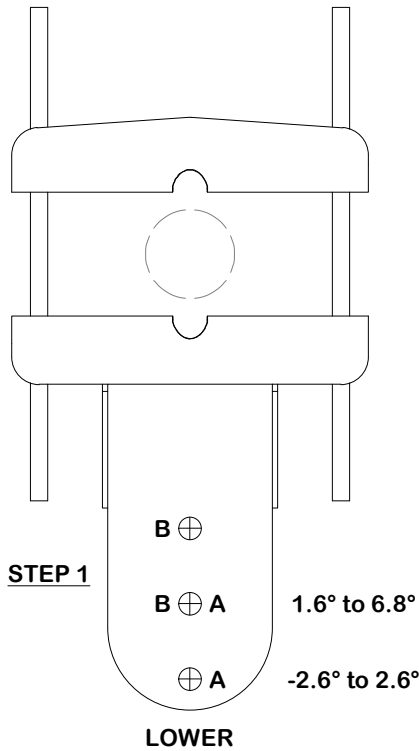
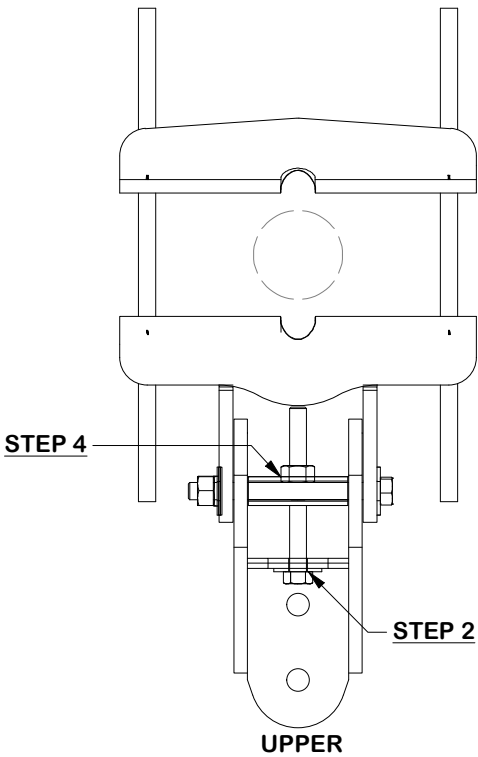
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PART NO. BCAM-HD	PAGE 7 OF 17
DWG. NO. VFA14-HD-S	

ANGLE CALIBRATING PROCEDURE:

1. MEASURE TOWER TAPER
AND PICK LOWER BRACKET
HOLE:
 - HOLE A = -2.6° TO 2.6°
 - HOLE B = 1.6° TO 6.8°
2. USE CALIBRATING BOLT
TO ADJUST FRAME TO
DESIRED TAPER
3. TORQUE LOCKING BOLTS
TO 100 ft.-lbs.
4. ADVANCE LOCKING NUT
TO POSITIONING PLATE,
THEN TIGHTEN.



TOLERANCE NOTES

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DESCRIPTION

12'-6" HEAVY DUTY
V-FRAME ASSEMBLY
WITH ONE STIFF ARM

CPD NO.
SP1

DRAWN BY
KS 10/3/2024

ENG. APPROVAL
6/9/2025

CLASS
87

SUB
02

DRAWING USAGE
CUSTOMER

CHECKED BY
CSL 6/9/2025



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Support Team:
sp1engineering@valmont.com

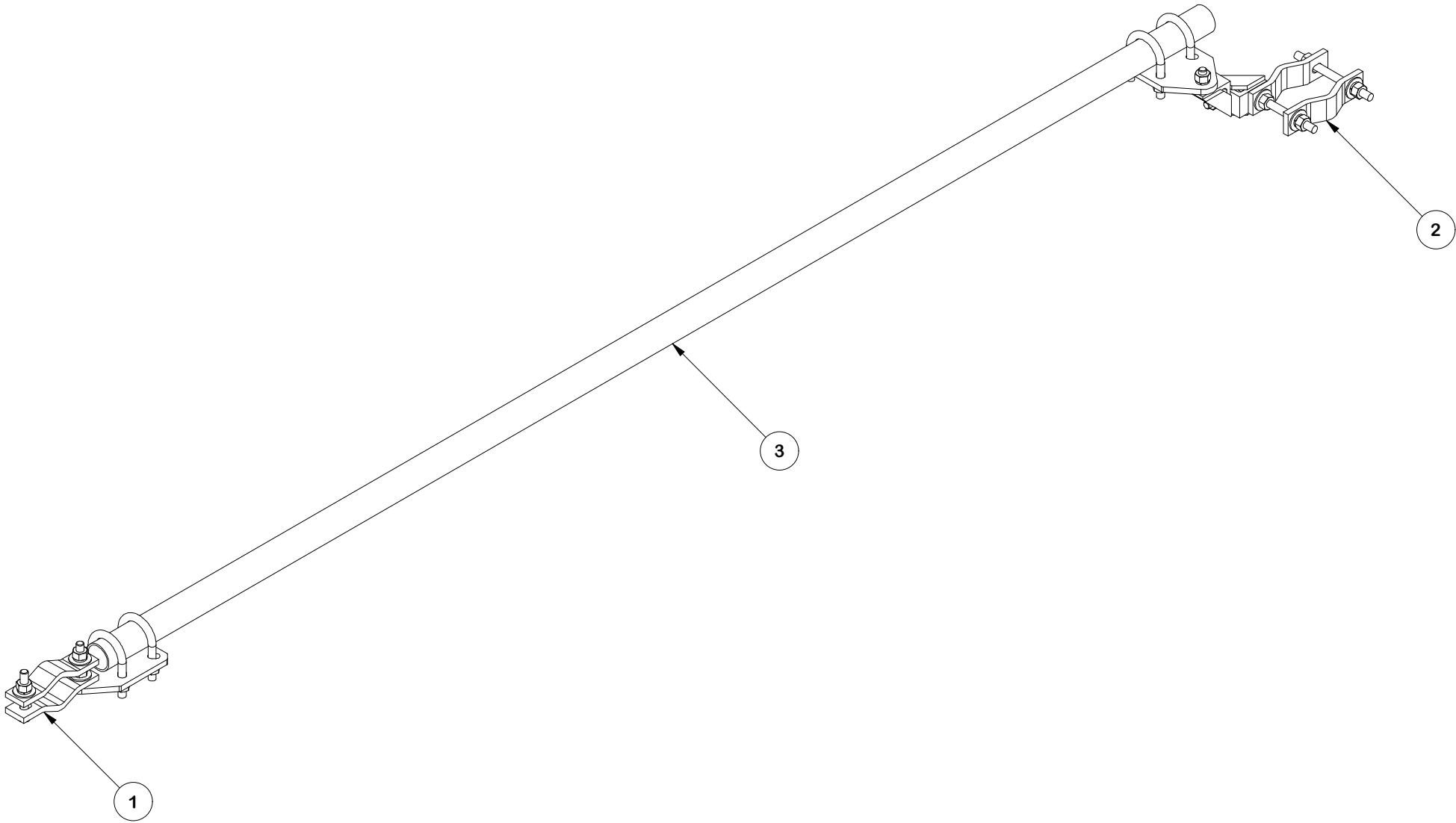
PART NO.

BCAM-HD

DWG. NO.

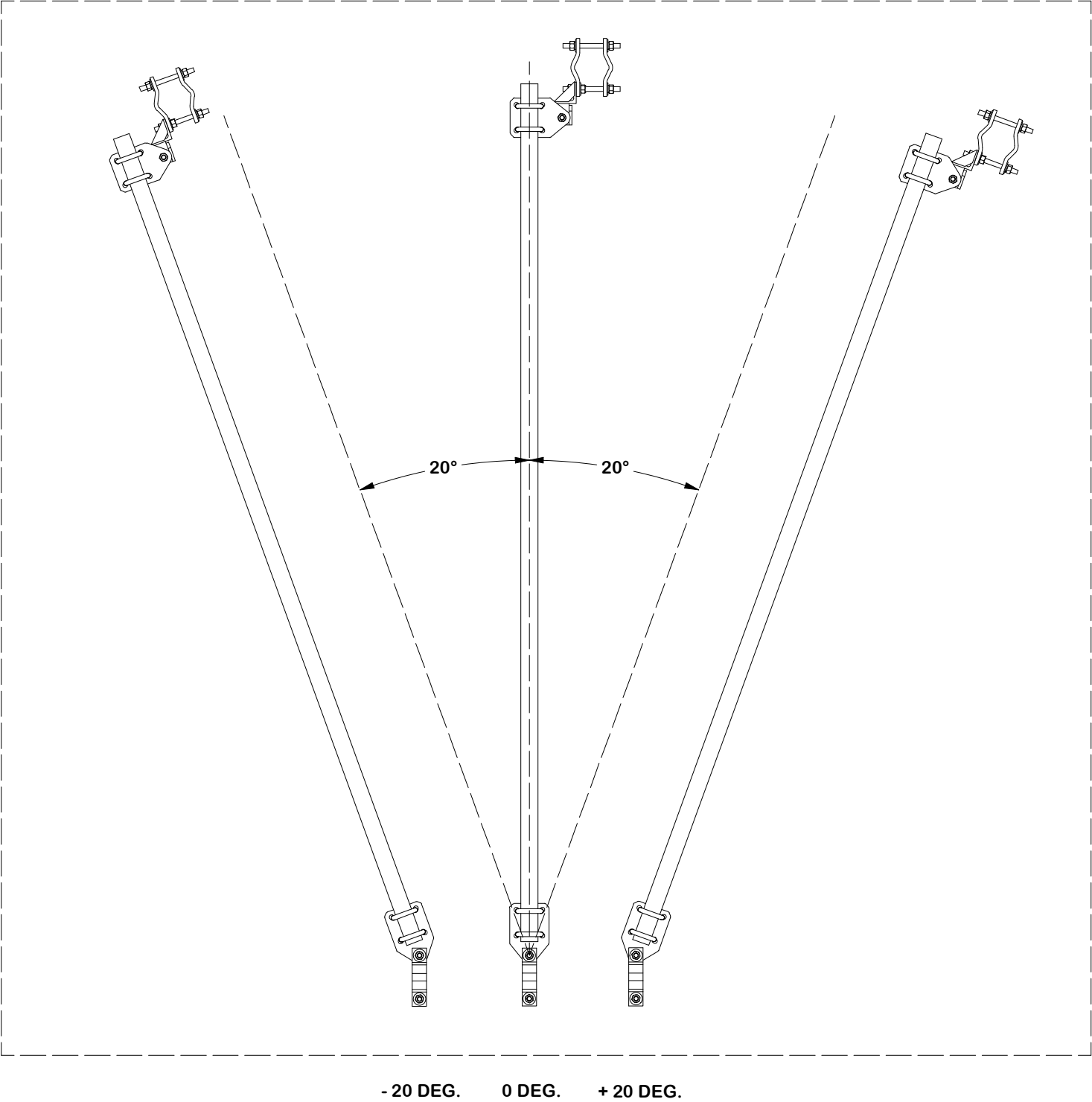
VFA14-HD-S

PARTS LIST								
ITEM	QTY	PART NO.	BOX NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.	
1	1	SPTB-U-F	P-SPTBU-F	UNIVERSAL SLIDING PIPE TIE BACK ASSEMBLY (FRONT CONNECTION ONLY)		19.15	19.15	
2	1	SPTB-U-B	P-SPTBU-B	UNIVERSAL SLIDING PIPE TIE BACK ASSEMBLY (REAR CONNECTION ONLY)		33.22	33.22	
3	1	P2120		2-3/8" x 120" (2" SCH. 40) GALVANIZED PIPE (A53 Gr.B Fy=35 ksi min.)	120 in	38.81	38.81	
							TOTAL WT. #	91.18

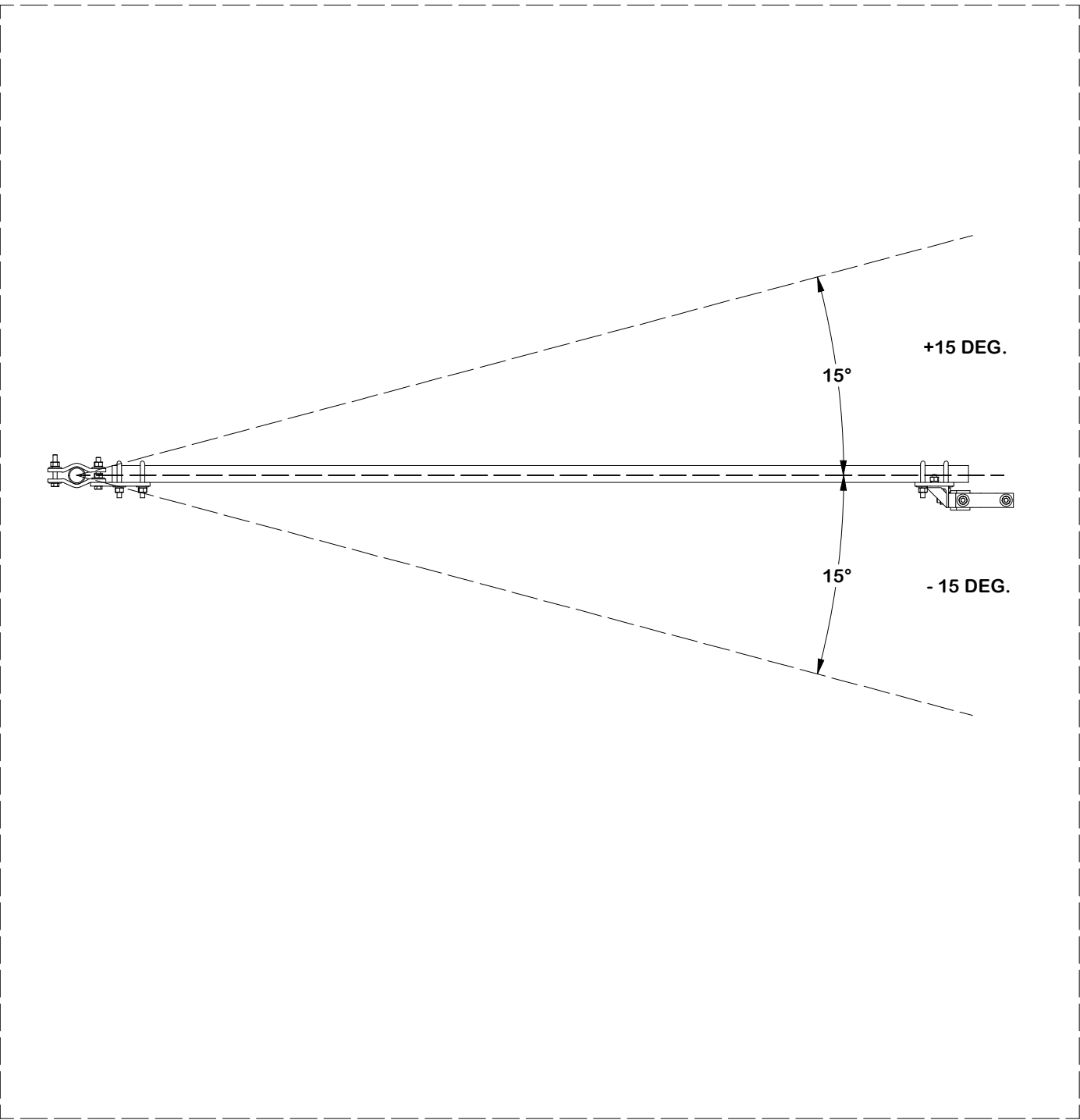


					TOLERANCE NOTES		DESCRIPTION 12'-6" HEAVY DUTY V-FRAME ASSEMBLY WITH ONE STIFF ARM			SITE PRO 1 A valmont  COMPANY Engineering Support Team: sp1engineering@valmont.com			
A	REVISED DRAWING & UPDATED X-SPTB TO X-SPTB-U			SP1	KS	8/8/2024	PATENT INFORMATION: WWW.SITEPRO1.COM/PATENTS						
REV	DESCRIPTION OF REVISIONS			CPD	BY	DATE	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.						
REVISION HISTORY							CPD NO.		DRAWN BY		ENG. APPROVAL	PART NO.	9 OF 17 PAGE
							SP1		KS 10/3/2024		6/9/2025	SPTB	
							CLASS	SUB	DRAWING USAGE		CHECKED BY	DWG. NO.	
							87	02	CUSTOMER		CSL 6/9/2025	VFA14-HD-S	

RECOMMENDED HORIZONTAL ADJUSTMENT



RECOMMENDED VERTICAL ADJUSTMENT



TOLERANCE NOTES

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DESCRIPTION
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V-FRAME ASSEMBLY
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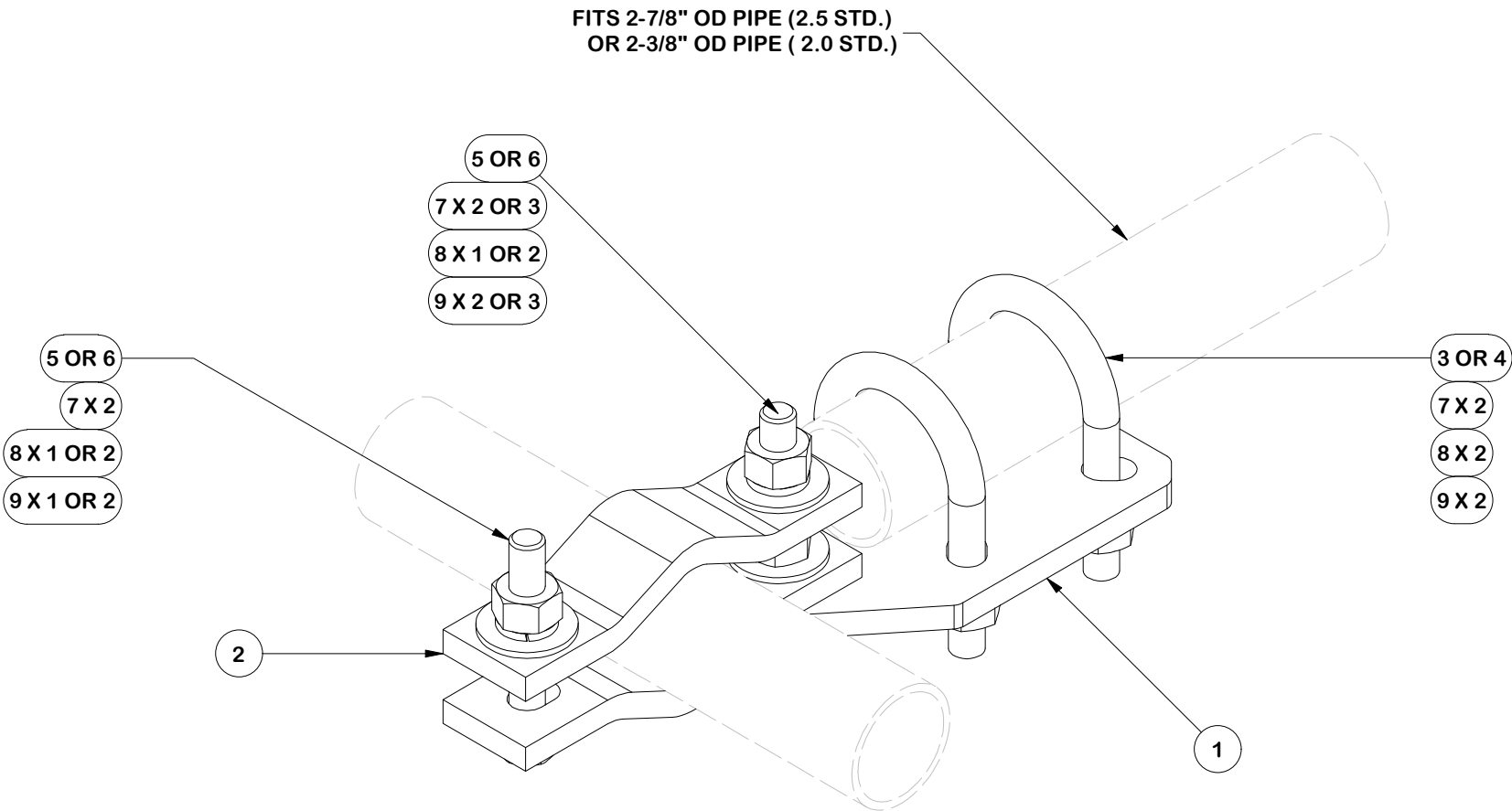
CPD NO. SP1		DRAWN BY KS 10/3/2024	ENG. APPROVAL 6/9/2025
CLASS 87	SUB 02	DRAWING USAGE CUSTOMER	CHECKED BY CSL 6/9/2025



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Support Team:
sp1engineering@valmont.com

PART NO. SPTB
DWG. NO. VFA14-HD-S

PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	1	X-SPTB-U	SLIDING PIPE TIE BACK PLATE	5 1/2 in	5.58	5.58
2	2	DCP	1/2" THICK, 5-3/4" CNTR TO CENTER CLAMP HALF	8 1/8 in	2.36	4.72
3	2	X-UB5258	5/8 X 2-5/8" X 4-1/2" X 2" U-BOLT	4 1/2 in	1.06	2.12
4	2	X-UB5300	5/8" X 3" X 5-1/4" X 2-1/2" U-BOLT	5 1/4 in	1.22	2.43
5	2	G58R-8	5/8" x 8" THREADED ROD (HDG.)		0.70	1.39
6	2	G5804	5/8" x 4" HDG HEX BOLT GR5		0.44	0.89
7	9	G58FW	5/8" HDG USS FLATWASHER	1/8 in	0.07	0.63
8	8	G58LW	5/8" HDG LOCKWASHER		0.03	0.21
9	9	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	1.17
					TOTAL WT. #	19.15



TOLERANCE NOTES

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DESCRIPTION

12'-6" HEAVY DUTY
V-FRAME ASSEMBLY
WITH ONE STIFF ARM

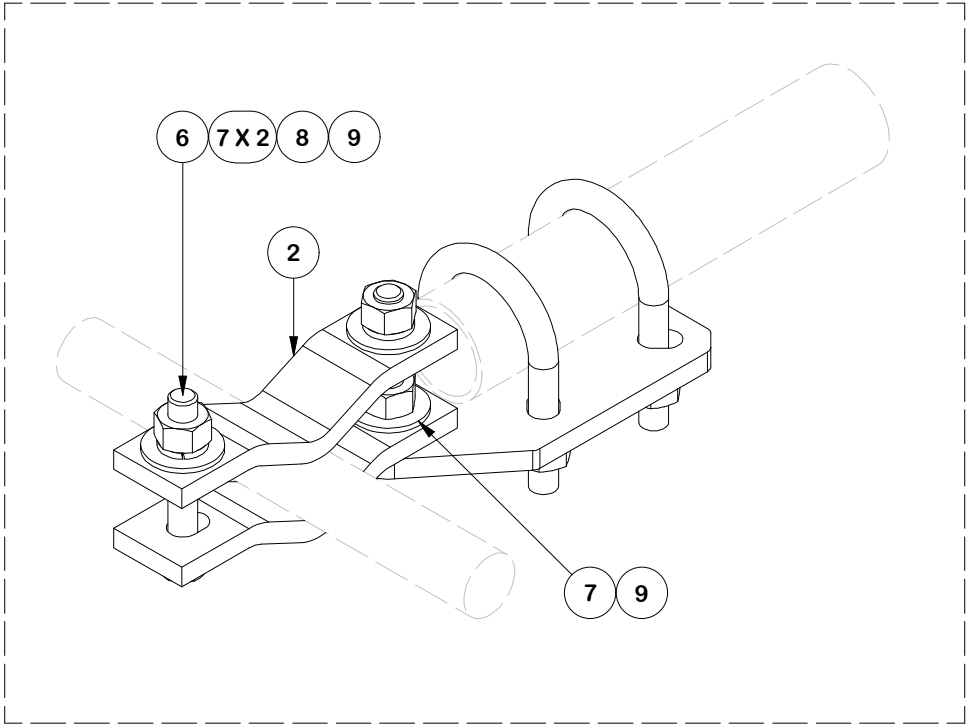
CPD NO. SP1		DRAWN BY KS 10/3/2024	ENG. APPROVAL 6/9/2025
CLASS 87	SUB 02	DRAWING USAGE CUSTOMER	CHECKED BY CSL 6/9/2025



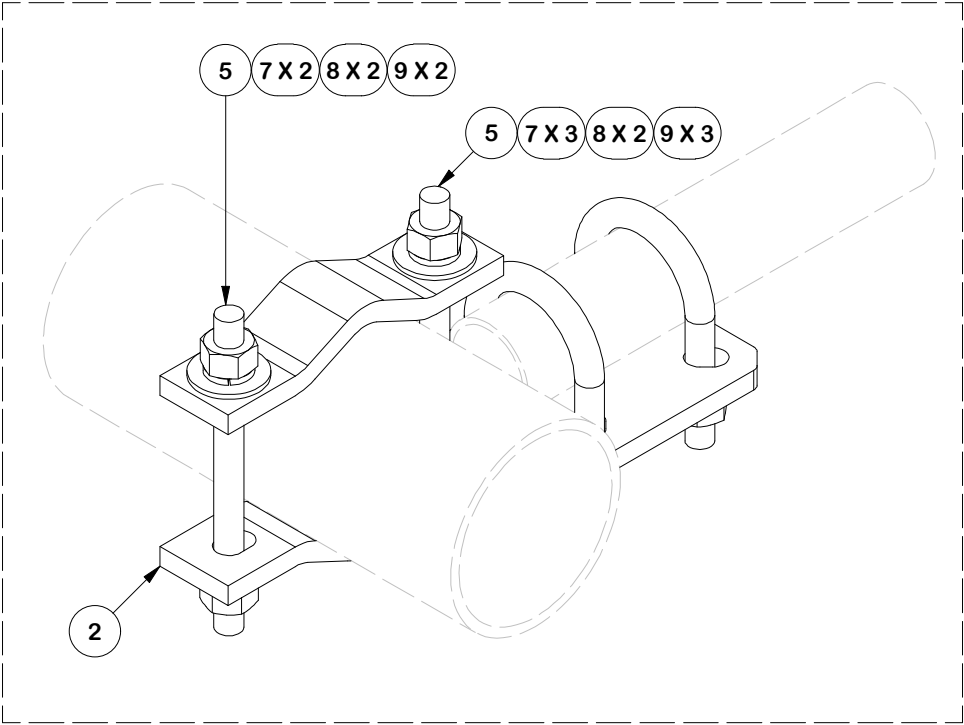
Engineering
Support Team:
sp1engineering@valmont.com

PART NO. SPTB-U-F	PAGE 11 OF 17
DWG. NO. VFA14-HD-S	

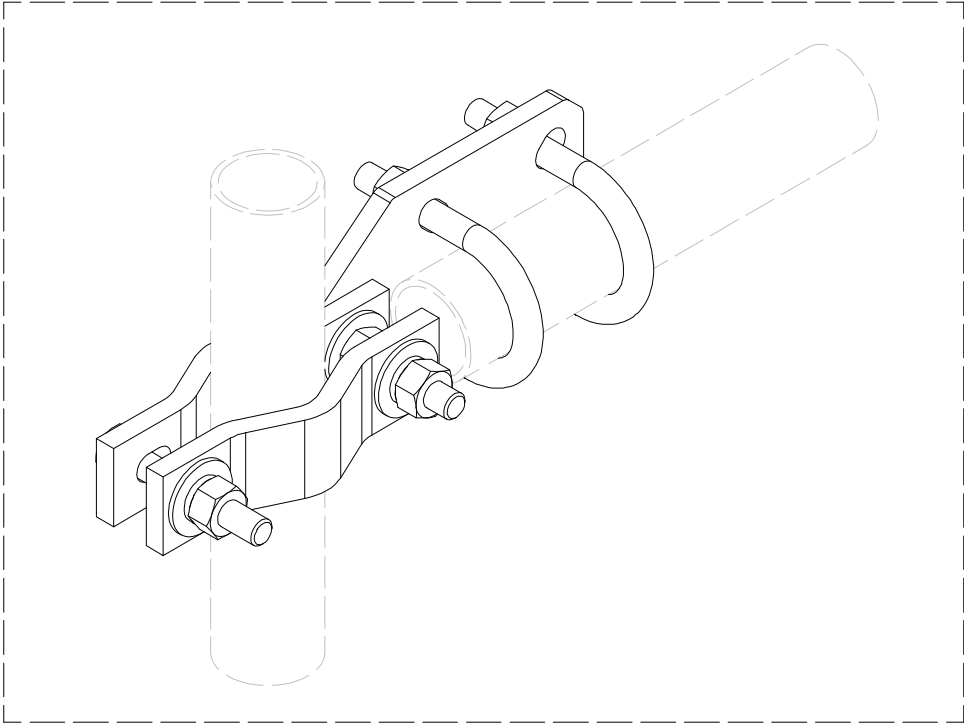
FRONT FACE CONFIGURATIONS



SMALL ATTACHMENT 1-1/2" TO 2-3/8"
NOTE: FLIP HALF BACK CLAMP



ATTACHMENT 2-3/8" TO 5"
HORIZONTAL ORIENTATION



ATTACHMENT 2-3/8" TO 5"
VERTICAL ORIENTATION

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 AND ANGLES ARE $\pm 1/2$ DEGREE
ALL OTHER MACHINING ($\pm 0.030"$)
ALL OTHER ASSEMBLY ($\pm 0.060"$)

PATENT INFORMATION: WWW.SITEPRO1.COM/PATENTS

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DESCRIPTION

12'-6" HEAVY DUTY
V-FRAME ASSEMBLY
WITH ONE STIFF ARM

CPD NO.
SP1

DRAWN BY
KS 10/3/2024

ENG. APPROVAL
6/9/2025

CLASS
87

SUB
02

DRAWING USAGE
CUSTOMER

CHECKED BY
CSL 6/9/2025



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Support Team:
sp1engineering@valmont.com

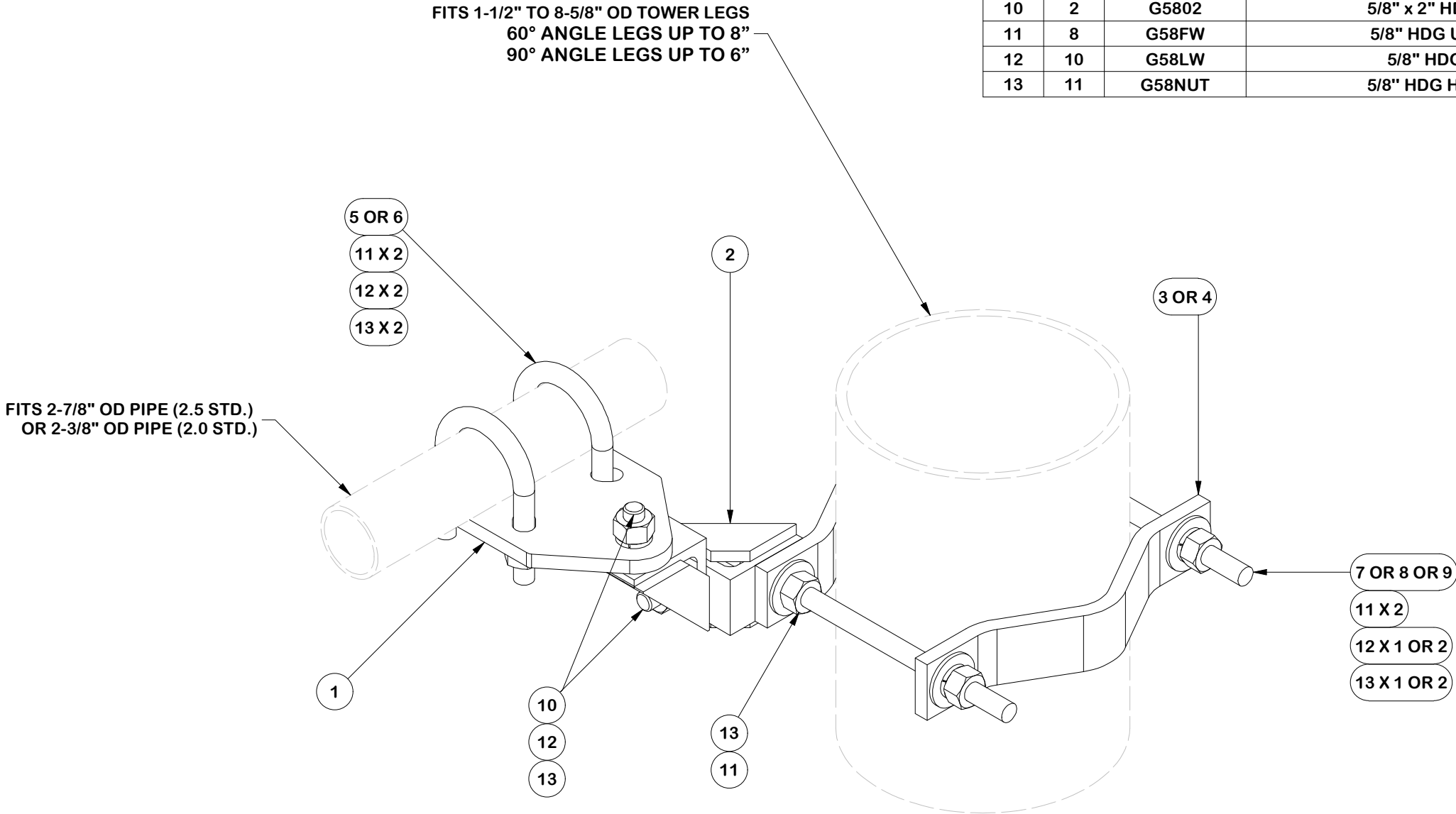
PART NO.

SPTB-U-F

DWG. NO.

VFA14-HD-S

PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	1	X-SPTB-U	SLIDING PIPE TIE BACK PLATE	5 1/2 in	5.58	5.58
2	2	X-TBCA	TIE BACK CLIP ANGLE		2.01	4.01
3	2	MCP	CLAMP HALF 1/2" THICK, 11-5/8" LONG	12 1/16 in	3.59	7.19
4	2	DCP	1/2" THICK, 5-3/4" CNTER TO CENTER CLAMP HALF	8 1/8 in	2.36	4.72
5	2	X-UB5258	5/8 X 2-5/8" X 4-1/2" X 2" U-BOLT	4 1/2 in	1.06	2.12
6	2	X-UB5300	5/8" X 3" X 5-1/4" X 2-1/2" U-BOLT	5 1/4 in	1.22	2.43
7	2	G58R-12	5/8" x 12" THREADED ROD (HDG.)		1.05	2.09
8	2	G58R-8	5/8" x 8" THREADED ROD (HDG.)		0.70	1.39
9	2	G5804	5/8" x 4" HDG HEX BOLT GR5		0.44	0.89
10	2	G5802	5/8" x 2" HDG HEX BOLT GR5	2 in	0.27	0.54
11	8	G58FW	5/8" HDG USS FLATWASHER	1/8 in	0.07	0.56
12	10	G58LW	5/8" HDG LOCKWASHER		0.03	0.26
13	11	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	1.43
					TOTAL WT. #	33.22



TOLERANCE NOTES

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SAWED, SHEARED AND GAS CUT EDGES (± 0.030")
DRILLED AND GAS CUT HOLES (± 0.030") - NO CONING OF HOLES
LASER CUT EDGES AND HOLES (± 0.010") - NO CONING OF HOLES
BENDS AND ANGLES ARE ± 1/2 DEGREE
ALL OTHER MACHINING (± 0.030")
ALL OTHER ASSEMBLY (± 0.060")

PATENT INFORMATION: WWW.SITEPRO1.COM/PATENTS

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DESCRIPTION

12'-6" HEAVY DUTY
V-FRAME ASSEMBLY
WITH ONE STIFF ARM

CPD NO.

SP1

DRAWN BY

KS 10/3/2024

ENG. APPROVAL

6/9/2025

CLASS

87

SUB

02

DRAWING USAGE

CUSTOMER

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CSL 6/9/2025

PART NO.

SPTB-U-B

DWG. NO.

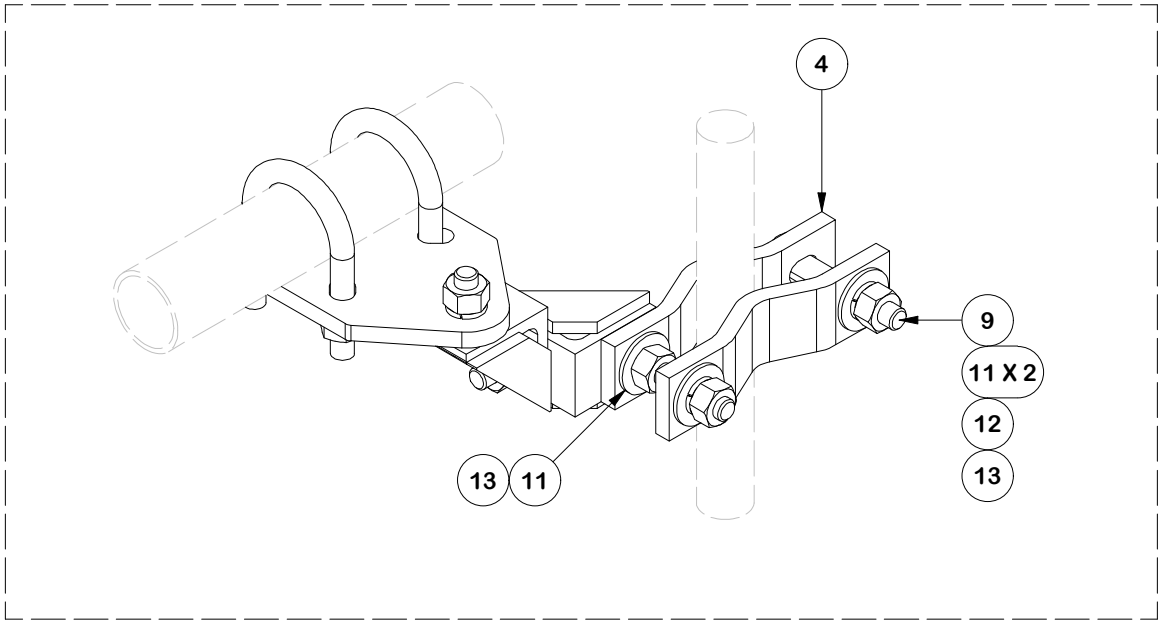
VFA14-HD-S



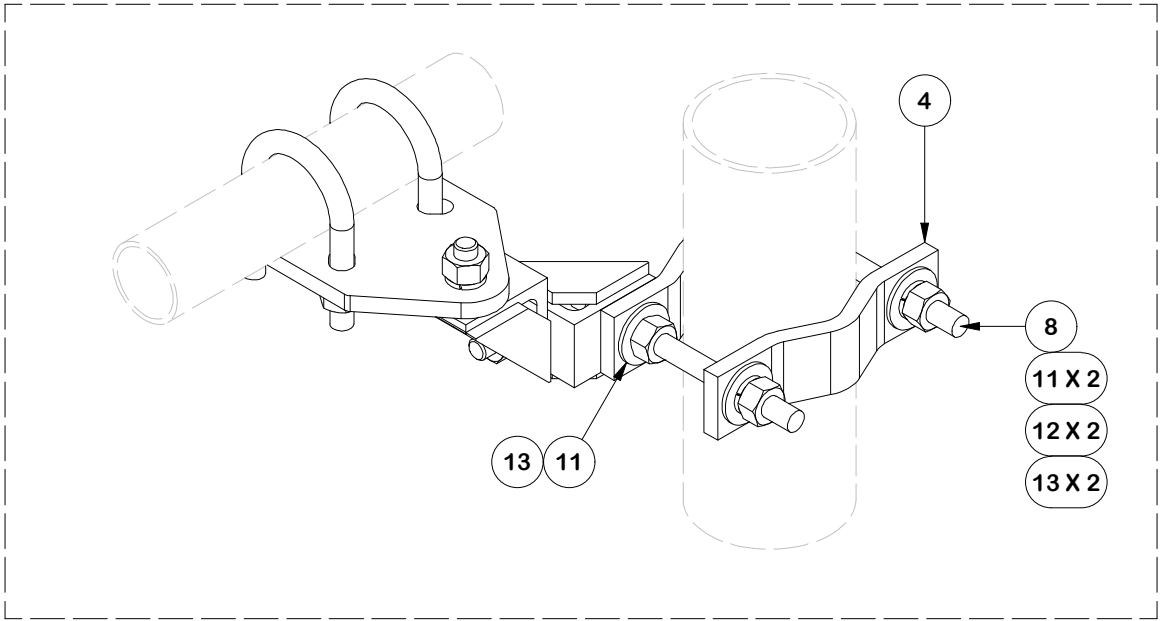
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Support Team:
sp1engineering@valmont.com

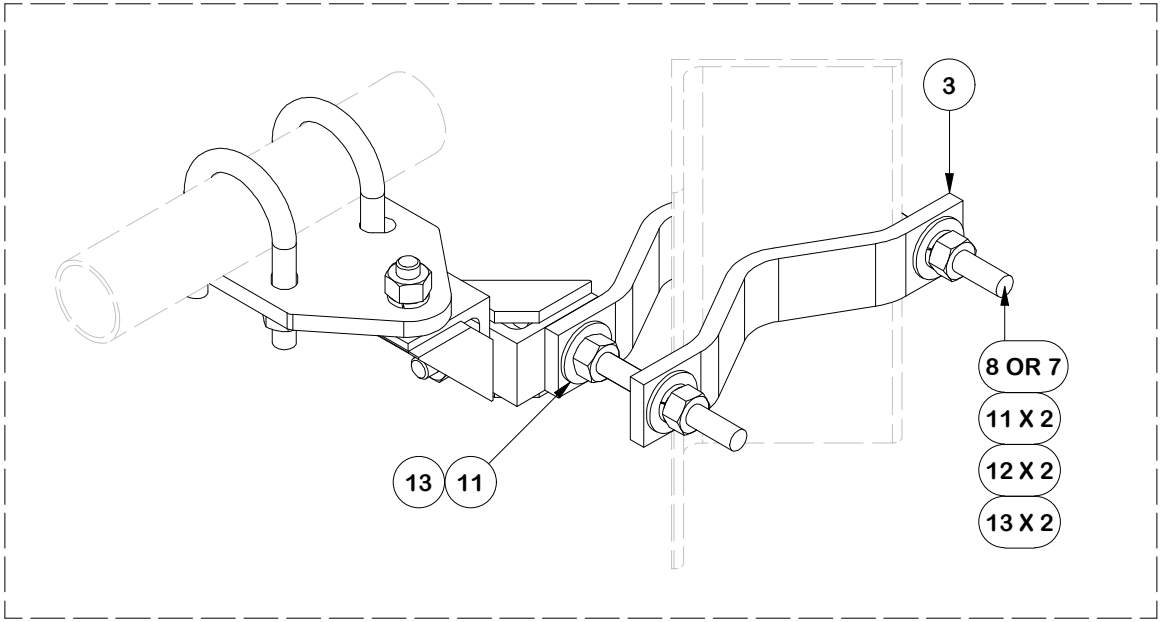
TOWER LEG CONFIGURATIONS



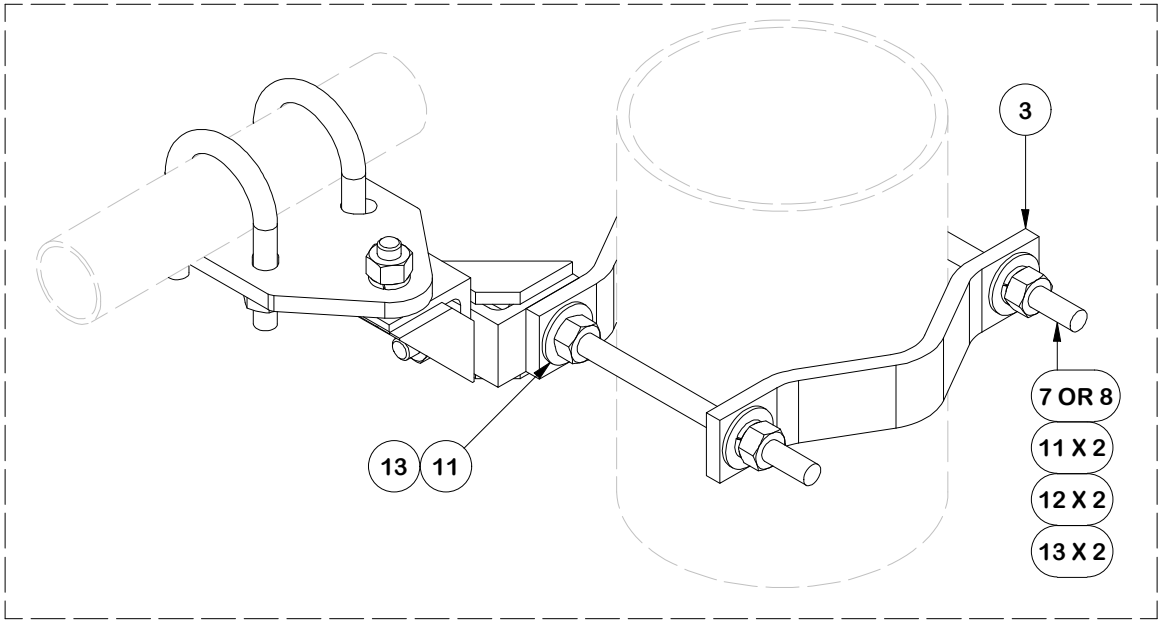
SMALL LEGS 1-1/2" TO 2-3/8"
NOTE: FLIP HALF BACK CLAMP



MEDIUM LEGS 2-7/8" TO 5"
NOTE: FLIP HALF BACK CLAMP FOR ANGLE



LARGE LEGS UP TO 6" 90 DEG. 8" 60 DEG
NOTE: FLIP HALF BACK CLAMP



LARGE LEGS 5" TO 8-5/8" OD

TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
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LASER CUT EDGES AND HOLES (± 0.010") - NO CONING OF HOLES
BENDS AND ANGLES ARE ± 1/2 DEGREE
ALL OTHER MACHINING (± 0.030")
ALL OTHER ASSEMBLY (± 0.060")

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DESCRIPTION

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V-FRAME ASSEMBLY
WITH ONE STIFF ARM

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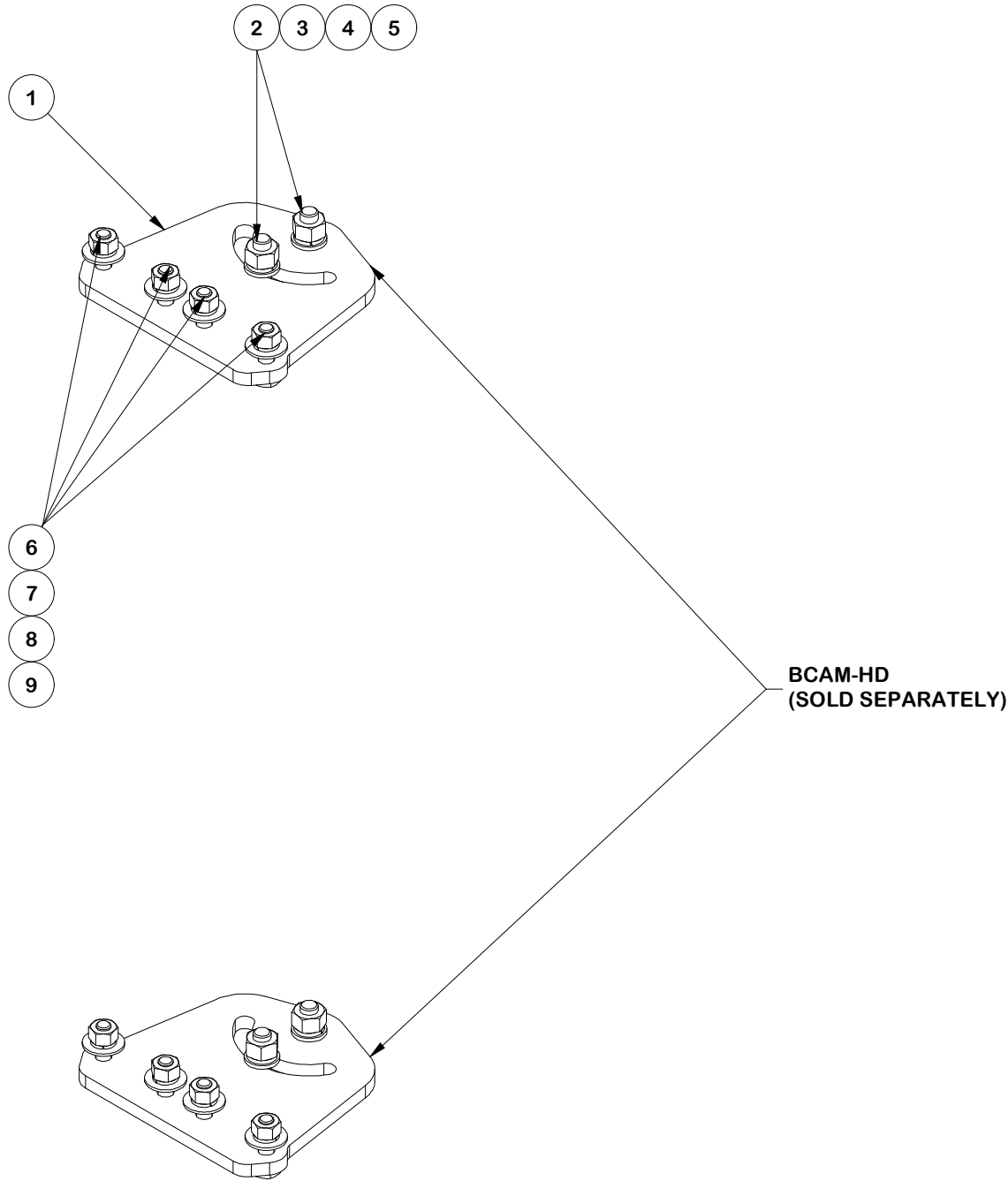
PART NO.

SPTB-U-B

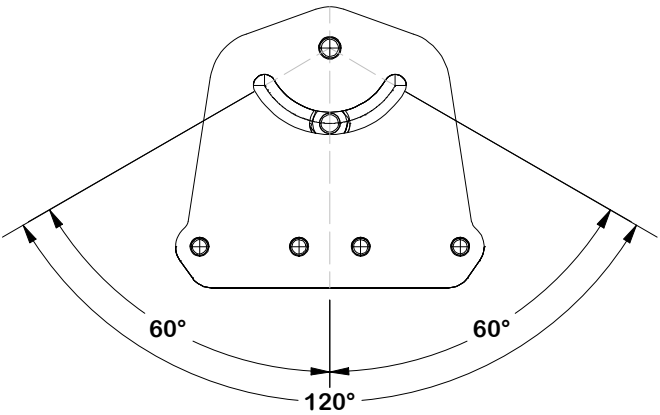
DWG. NO.

VFA14-HD-S

FINISH:
HOT DIP GALVANIZED.



PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	2	X-VFAPL4	VFA-HD PIVOT PLATE	12 in	15.88	31.77
2	4	A34212	3/4" x 2-1/2" UNC HEX BOLT (A325)	2 1/2 in	0.48	1.92
3	4	G34FW	3/4" HDG USS FLATWASHER		0.06	0.24
4	4	G34LW	3/4" HDG LOCKWASHER		0.04	0.17
5	4	G34NUT	3/4" HDG HEAVY 2H HEX NUT		0.21	0.85
6	8	A582114	5/8" x 2-1/4" HDG A325 HEX BOLT	2 1/4 in	0.31	2.50
7	8	G58FW	5/8" HDG USS FLATWASHER	1/8 in	0.07	0.56
8	8	G58LW	5/8" HDG LOCKWASHER		0.03	0.21
9	8	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	1.04
TOTAL WT. #						39.25



PIVOT RANGE

TOLERANCE NOTES

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ALL OTHER MACHINING ($\pm 0.030"$)
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DESCRIPTION

12'-6" HEAVY DUTY
V-FRAME ASSEMBLY
WITH ONE STIFF ARM

CPD NO.

SP1

DRAWN BY

KS 10/3/2024

ENG. APPROVAL

6/9/2025

CLASS

87

SUB

02

DRAWING USAGE

CUSTOMER

CHECKED BY

CSL

6/9/2025



Engineering
Support Team:
sp1engineering@valmont.com

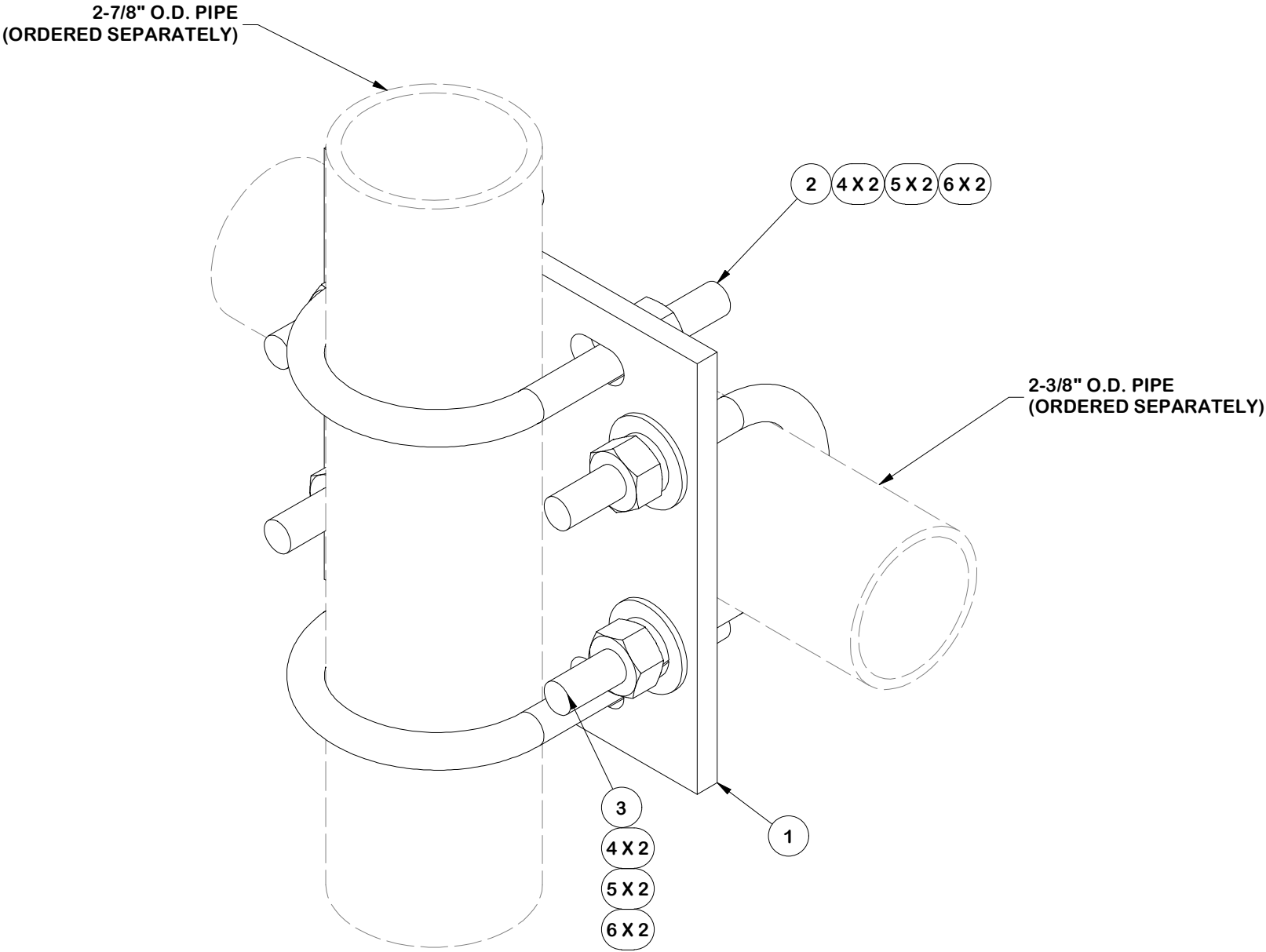
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VFAPL4-K

DWG. NO.

VFA14-HD-S

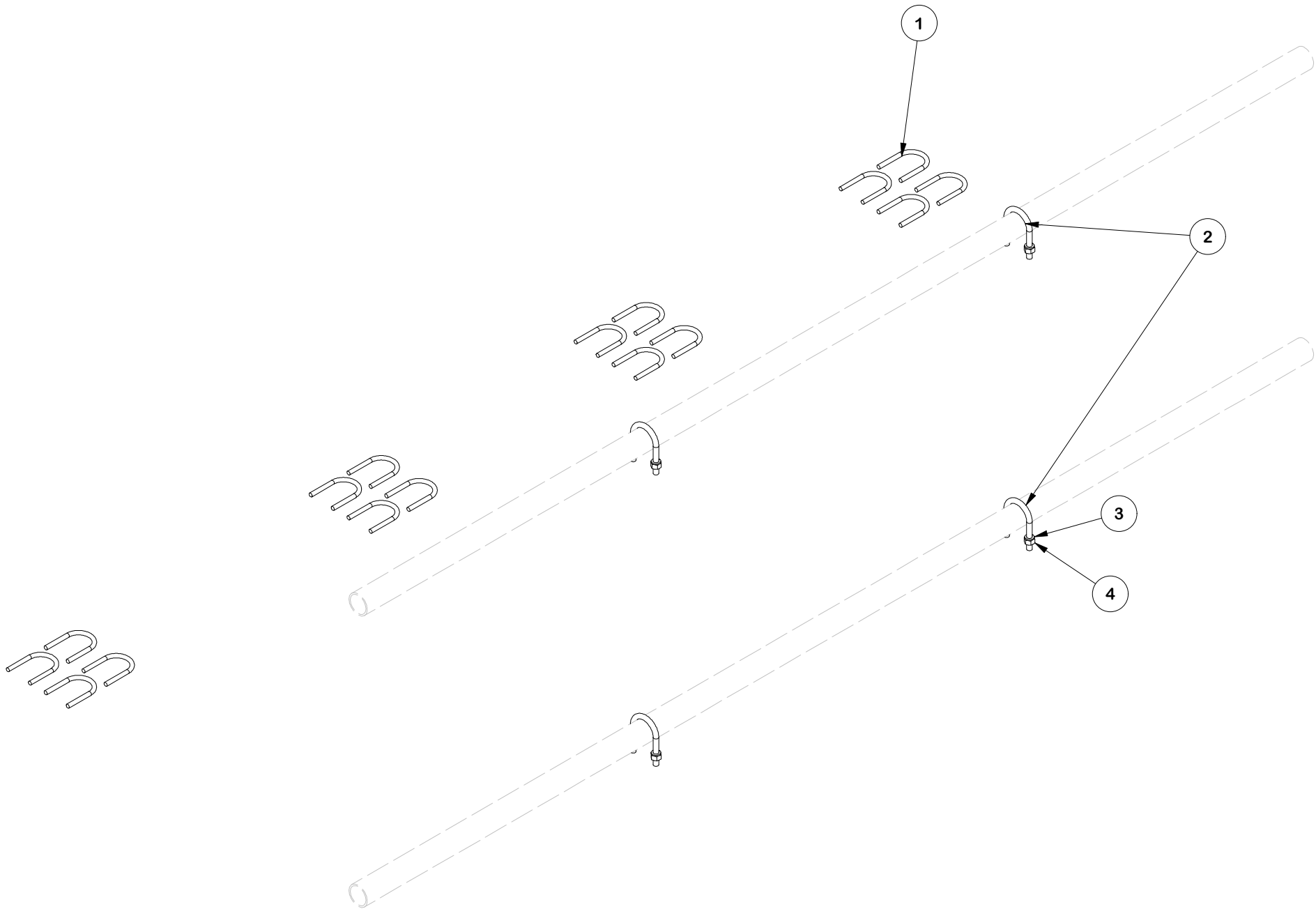
PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	1	SCX2	CROSSOVER PLATE	7 in	5.08	5.08
2	2	X-UB1300	1/2 X 3" X 5" X 2" U-BOLT	5 in	0.74	1.48
3	2	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" U-BOLT	4 1/2 in	0.66	1.32
4	8	G12FW	1/2" HDG USS FLATWASHER	3/32 in	0.03	0.27
5	8	G12LW	1/2" HDG LOCKWASHER	1/8 in	0.01	0.11
6	8	G12NUT	1/2" HDG HEAVY 2H HEX NUT	7/8 in	0.07	0.57
					TOTAL WT. #	8.84



FINISH:
HOT DIP GALVANIZED.

	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 AND ANGLES ARE $\pm 1/2$ DEGREE ALL OTHER MACHINING ($\pm 0.030''$) ALL OTHER ASSEMBLY ($\pm 0.060''$)			DESCRIPTION 12'-6" HEAVY DUTY V-FRAME ASSEMBLY WITH ONE STIFF ARM			SITE PRO 1 A valmont COMPANY Engineering Support Team: sp1engineering@valmont.com		
	PATENT INFORMATION: WWW.SITEPRO1.COM/PATENTS			CPD NO. SP1	DRAWN BY KS 10/3/2024	ENG. APPROVAL 6/9/2025	PART NO. SCX2-K	PAGE 16 OF 17	
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PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	16	X-UB1300	1/2 X 3" X 5" X 2" U-BOLT	5 in	0.74	11.82
2	4	X-UB5300	5/8" X 3" X 5-1/4" X 2-1/2" U-BOLT	5 1/4 in	1.22	4.87
3	8	G58LW	5/8" HDG LOCKWASHER		0.03	0.21
4	8	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	1.04
					TOTAL WT. #	17.93



TOLERANCE NOTES

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DESCRIPTION

12'-6" HEAVY DUTY
V-FRAME ASSEMBLY
WITH ONE STIFF ARM

CPD NO.

SP1

DRAWN BY

KS 10/3/2024

ENG. APPROVAL

6/9/2025

CLASS

87

SUB

02

DRAWING USAGE

CUSTOMER

CHECKED BY

CSL 6/9/2025



Engineering
Support Team:
sp1engineering@valmont.com

PART NO.

VFAHD-FACEHW

DWG. NO.

VFA14-HD-S