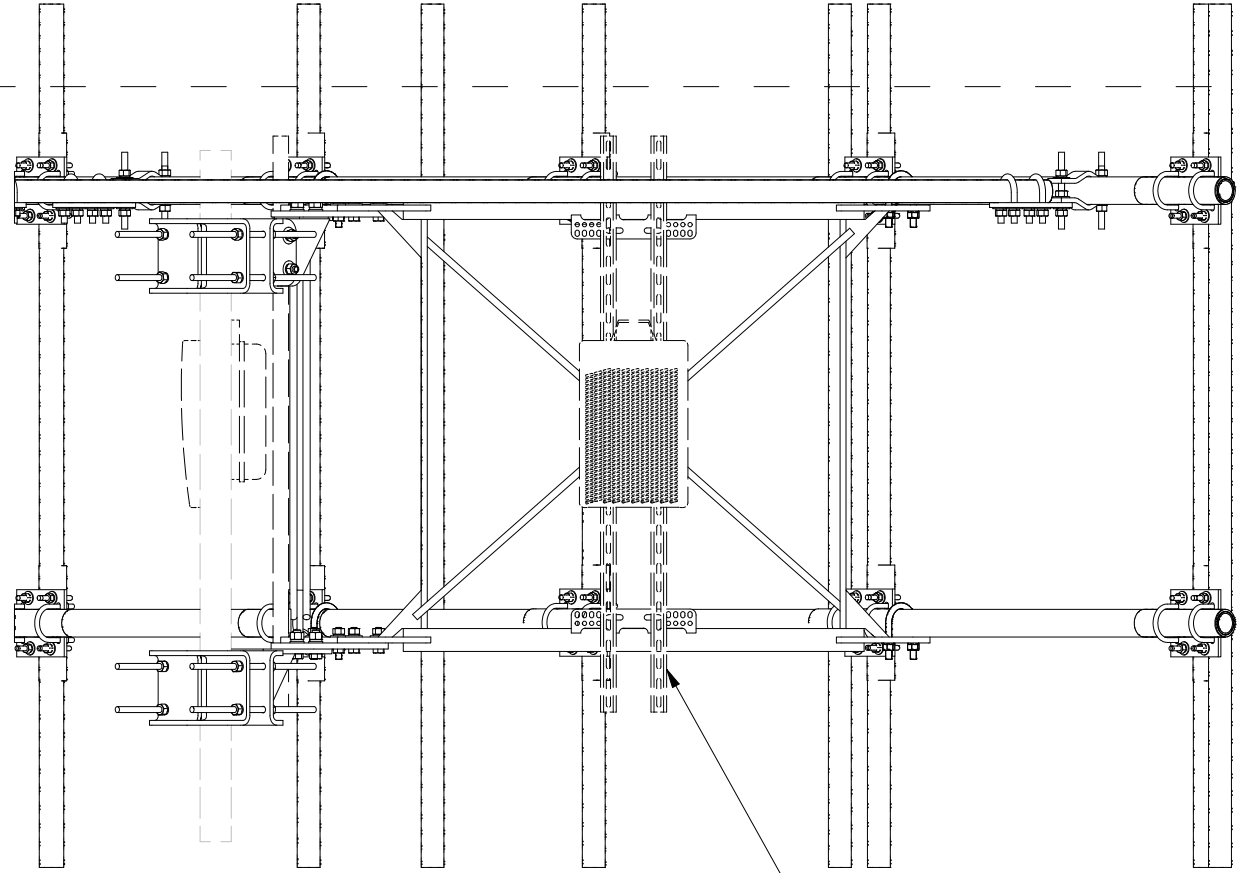


EQUIPMENT PIPE AND HARDWARE  
SOLD SEPARATELY  
REQUIRES 1/2" HARDWARE AND  
2-3/8" TO 4-1/2" O.D. PIPE



UNISTRUT AND HARDWARE  
SOLD SEPARATELY  
REQUIRES 3/8" HARDWARE

V-BOOM ARM RRU MOUNTING  
UNISTRUT OR PIPE

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](http://WWW.SITEPRO1.COM/PATENTS)

PROPRIETARY NOTE:  
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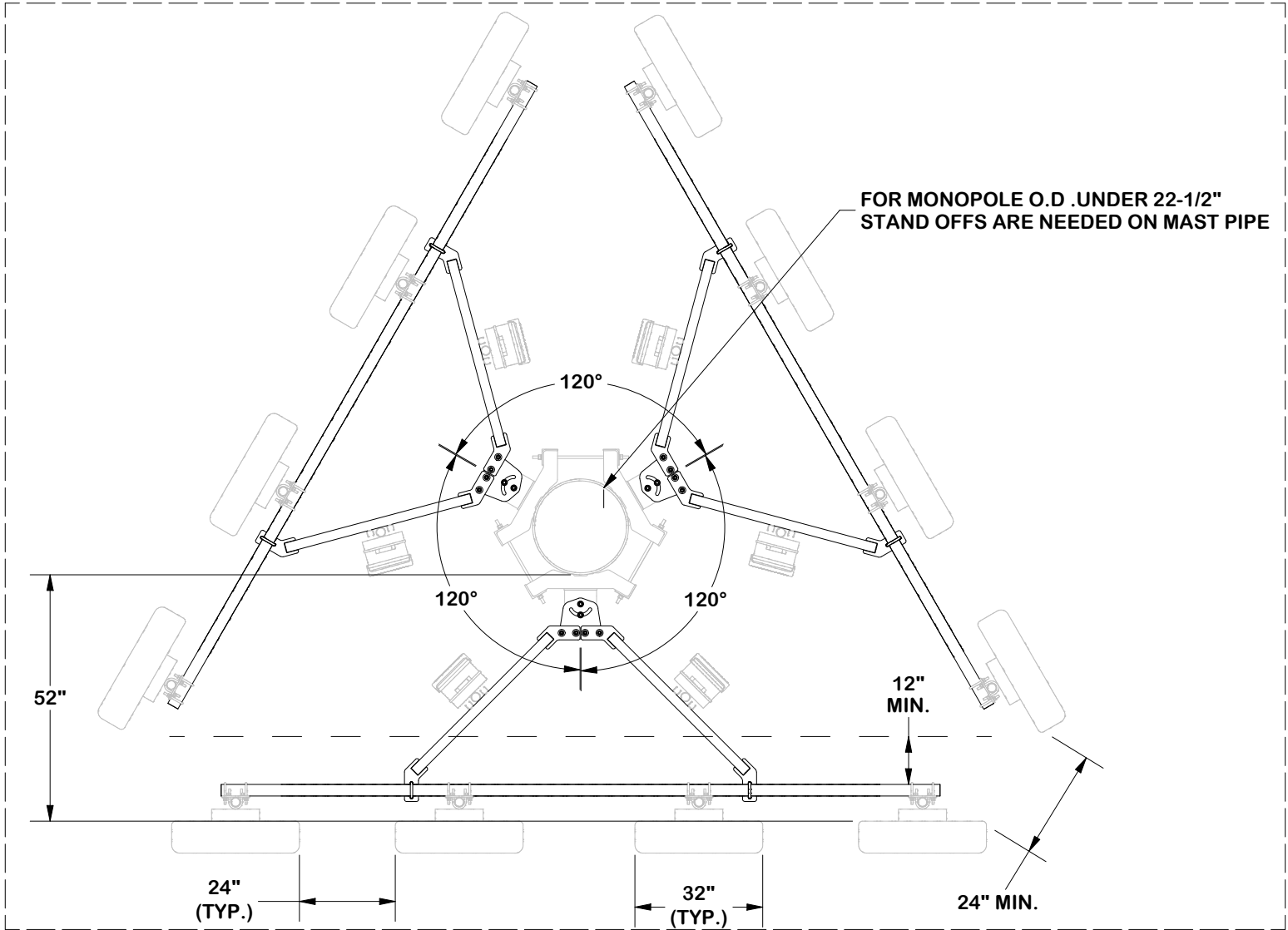
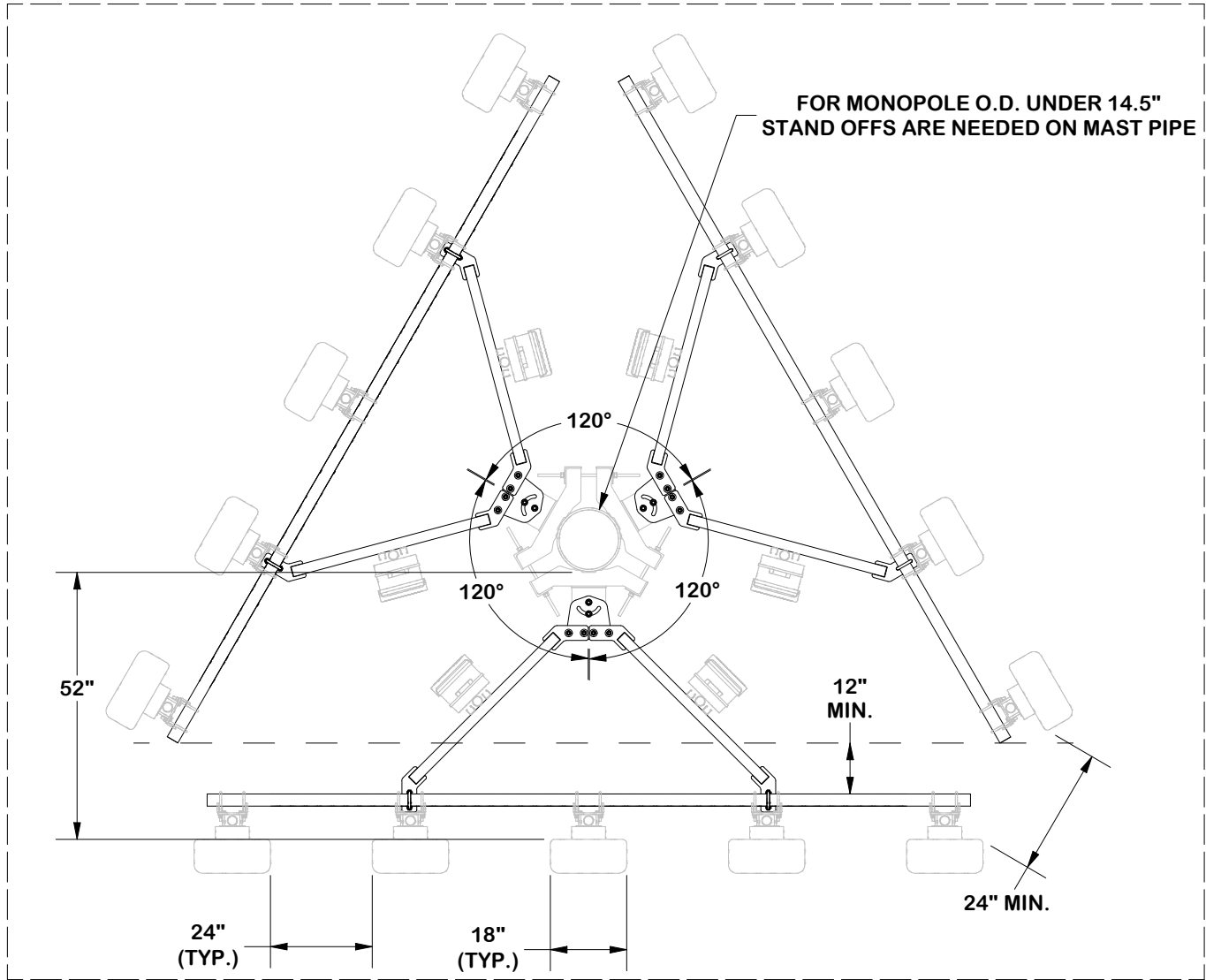
DESCRIPTION  
14' XTREME DUTY V-FRAME ASSEMBLY WITH TWO  
STIFF ARMS 5' STAND-OFF

CPD NO. SP1		DRAWN BY KS 10/3/2024		ENG. APPROVAL 2/18/2025	
CLASS 87	SUB 02	DRAWING USAGE CUSTOMER		CHECKED BY JET	2/18/2025



Engineering  
Support Team:  
[sp1engineering@valmont.com](mailto:sp1engineering@valmont.com)

PART NO.	VFA14-XD-5P
DWG. NO.	VFA14-XD-5P



NOTE: TIE-BACKS OMITTED FOR CLARITY

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

**TOLERANCE NOTES**

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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](http://WWW.SITEPRO1.COM/PATENTS)

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**DESCRIPTION**

**14' XTREME DUTY V-FRAME ASSEMBLY WITH TWO STIFF ARMS 5' STAND-OFF**

CPD NO.

**SP1**

DRAWN BY

**KS 10/3/2024**

ENG. APPROVAL

**2/18/2025**

CLASS

**87**

SUB

**02**

DRAWING USAGE

**CUSTOMER**

CHECKED BY

**JET 2/18/2025**



A valmont COMPANY

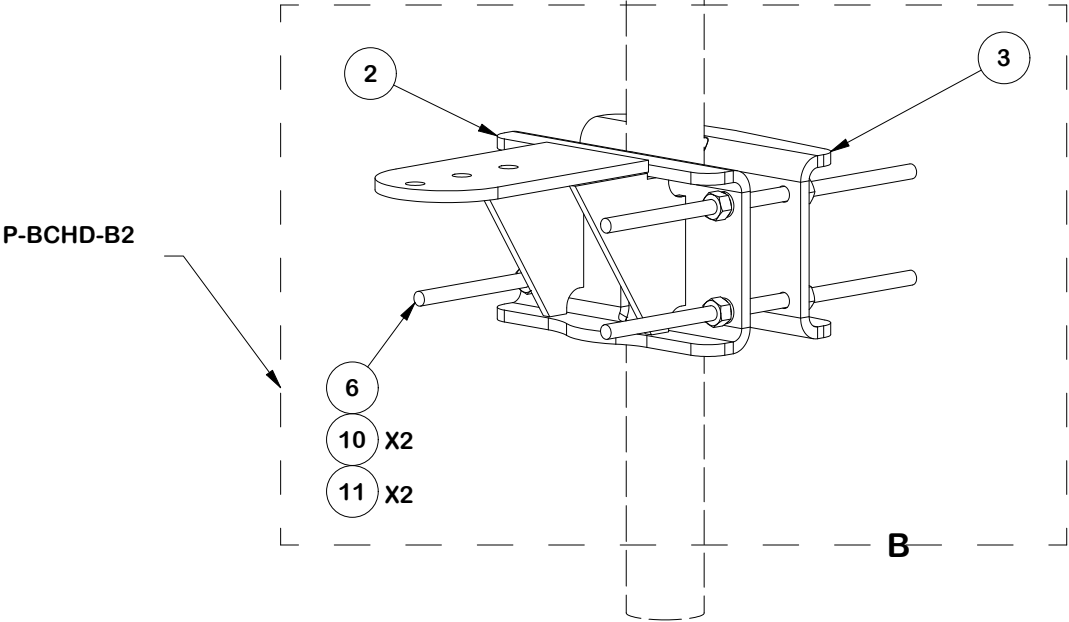
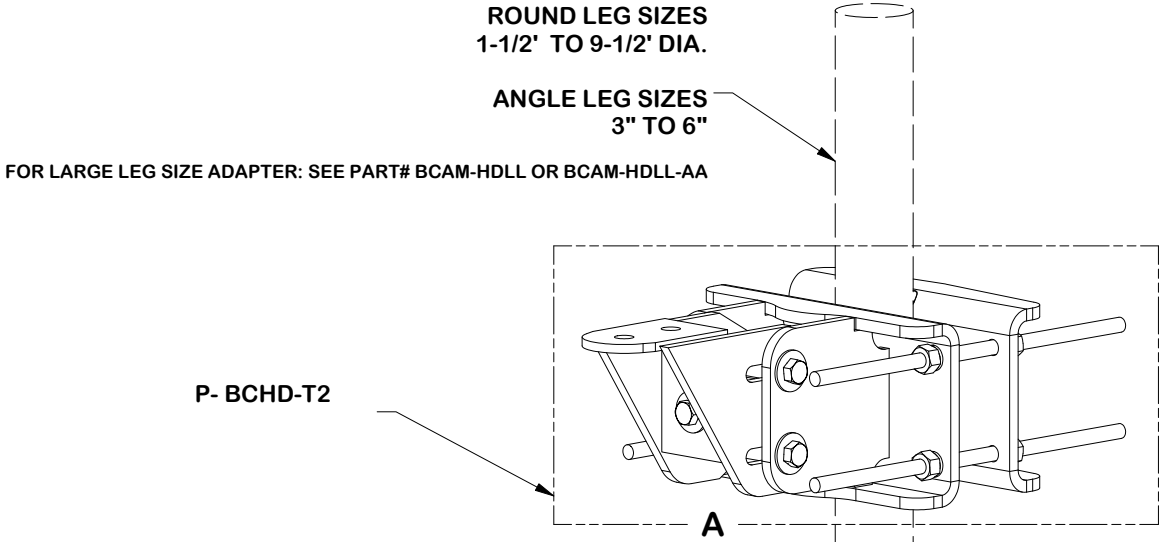
Engineering  
Support Team:  
[sp1engineering@valmont.com](mailto:sp1engineering@valmont.com)

PART NO.

**CORNER LAYOUT**

DWG. NO.

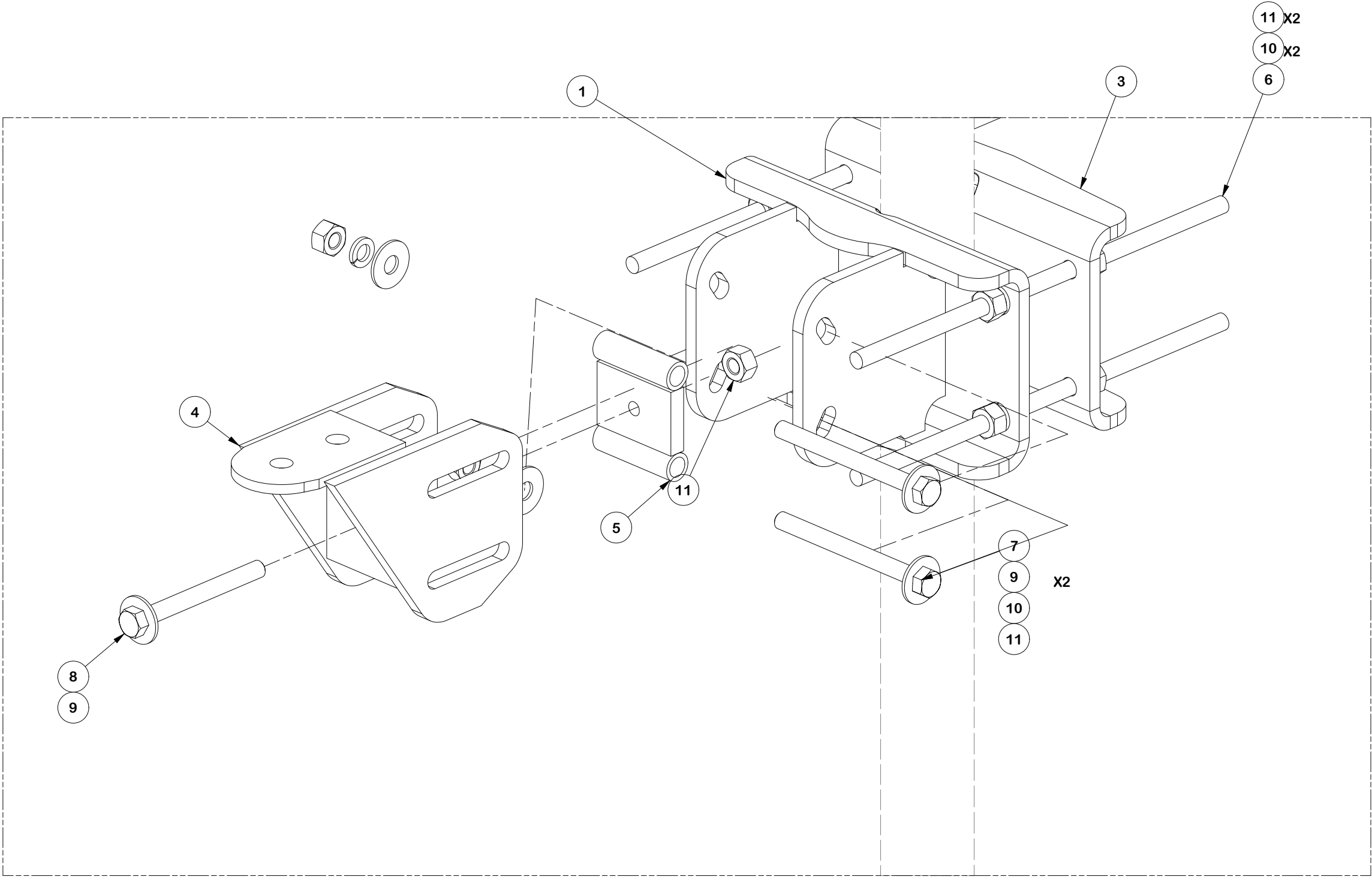
**VFA14-XD-5P**




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\*\*

					<div>TOLERANCE NOTES</div> <div>TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE: SAWED, SHEARED AND GAS CUT EDGES (<math>\pm 0.030''</math>) DRILLED AND GAS CUT HOLES (<math>\pm 0.030''</math>) - NO CONING OF HOLES LASER CUT EDGES AND HOLES (<math>\pm 0.010''</math>) - NO CONING OF HOLES BENDS ARE <math>\pm 1/2</math> DEGREE ALL OTHER MACHINING (<math>\pm 0.030''</math>) ALL OTHER ASSEMBLY (<math>\pm 0.060''</math>)</div> <div>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.</div>					<div>DESCRIPTION</div> <div>14' XTREME DUTY V-FRAME ASSEMBLY WITH TWO STIFF ARMS 5' STAND-OFF</div>					<div><div><div>SITE PRO1</div><div>A valmontCOMPANY</div></div><div>Locations: New York, NY Atlanta, GA Los Angeles, CA Plymouth, IN Salem, OR Dallas, TX</div><div>Engineering Support Team: 1-888-753-7446</div></div>					<div>PART NO.</div> <div>BCAM-HD</div>					<div>4 OF 15</div> <div>PAGE</div>
A		REPLACED C CHANNEL BRKT WITH FORMED PLATE BRKT			SP1	KS	4/24/2018		CPD NO.		DRAWN BY		ENG. APPROVAL		PART NO.		4 OF 15								
REV		DESCRIPTION OF REVISIONS			CPD	BY	DATE		SP1		KS 10/3/2024		2/18/2025		BCAM-HD										
		REVISION HISTORY							CLASS		DRAWING USAGE		CHECKED BY		DWG. NO.										
									87		CUSTOMER		JET 2/18/2025		VFA14-XD-5P										

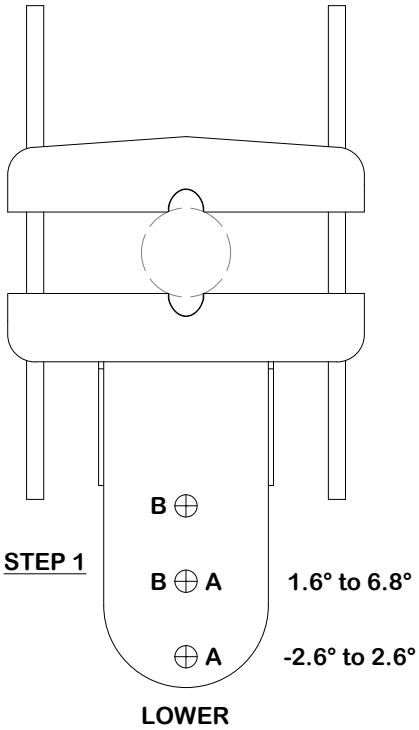
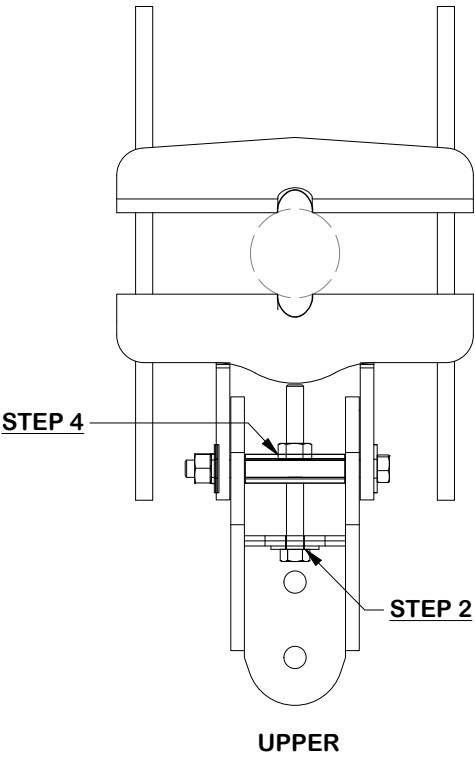


VIEW A

					<b>TOLERANCE NOTES</b>	TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE: SAWED, SHEARED AND GAS CUT EDGES ( <i>± 0.030"</i> ) DRILLED AND GAS CUT HOLES ( <i>± 0.030"</i> ) - NO CONING OF HOLES LASER CUT EDGES AND HOLES ( <i>± 0.010"</i> ) - NO CONING OF HOLES BENDS ARE ± 1/2 DEGREE ALL OTHER MACHINING ( <i>± 0.030"</i> ) ALL OTHER ASSEMBLY ( <i>± 0.060"</i> )			<div>DESCRIPTION</div> <div>14' XTREME DUTY V-FRAME ASSEMBLY WITH TWO STIFF ARMS 5' STAND-OFF</div>			<div><div><div>SITE PRO</div><div>1</div></div><div>Engineering Support Team: 1-888-753-7446</div><div>A valmont  COMPANY</div></div> <div>Locations: New York, NY Atlanta, GA Los Angeles, CA Plymouth, IN Salem, OR Dallas, TX</div>		
A	REPLACED C CHANNEL BRKT WITH FORMED PLATE BRKT	SP1	KS	4/24/2018	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.	CPD NO. SP1		DRAWN BY KS 10/3/2024		ENG. APPROVAL 2/18/2025		PART NO. BCAM-HD		5 OF 15 PAGE
REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE		CLASS 87	SUB 02	DRAWING USAGE CUSTOMER		CHECKED BY JET 2/18/2025		DWG. NO. VFA14-XD-5P		
REVISION HISTORY														

ANGLE CALIBRATING PROCEDURE:

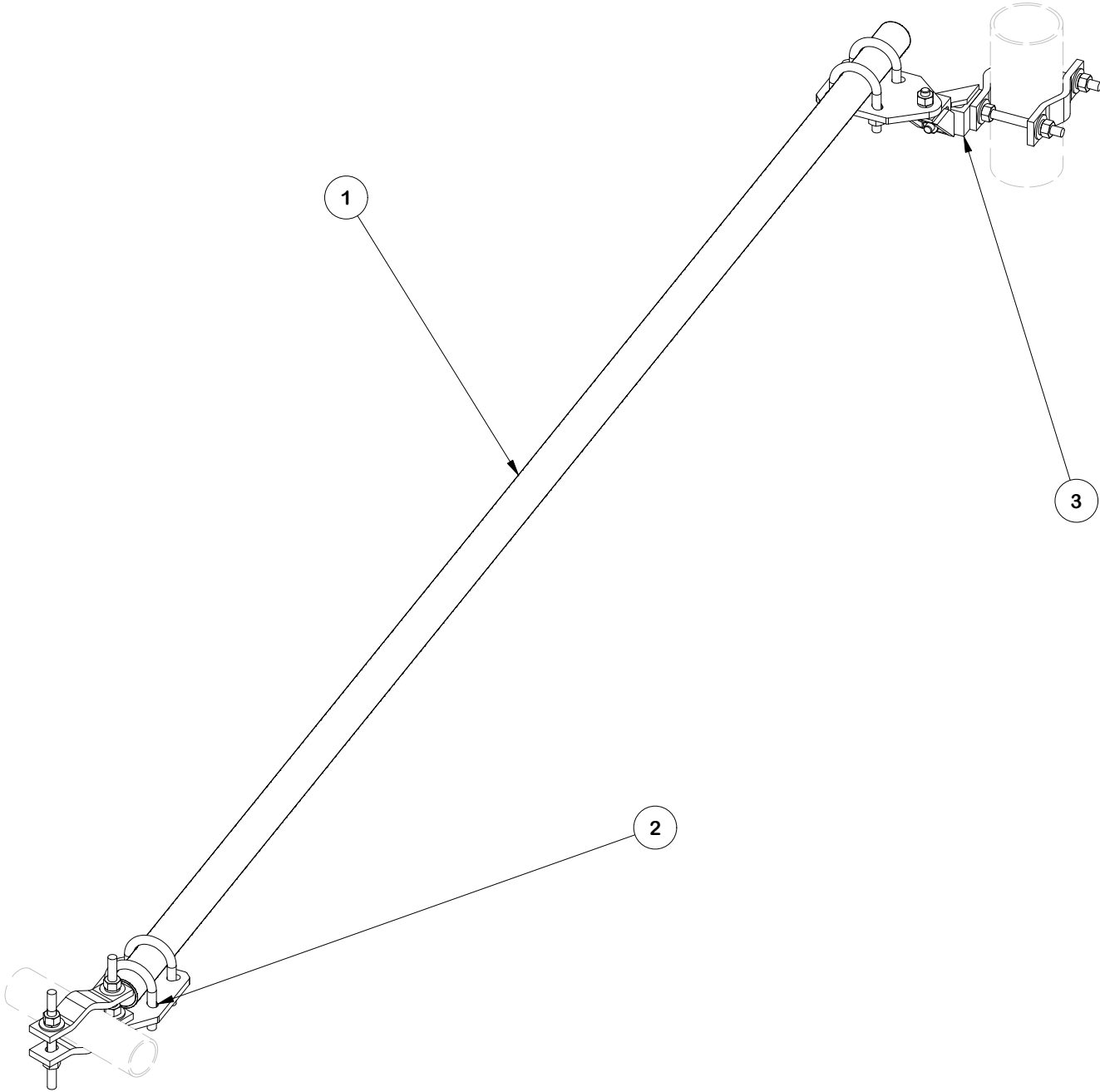
1. MEASURE TOWER TAPER  
AND PICK LOWER BRACKET  
HOLE:
  - HOLE A = -2.6° TO 2.6°
  - HOLE B = 1.6° TO 6.8°
2. USE CALIBRATING BOLT  
TO ADJUST FRAME TO  
DESIRED TAPER
3. TORQUE LOCKING BOLTS  
TO 100 ft.-lbs.
4. ADVANCE LOCKING NUT  
TO POSITIONING PLATE,  
THEN TIGHTEN.



					<div>TOLERANCE NOTES</div> <div>TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE: SAWED, SHEARED AND GAS CUT EDGES (<math>\pm 0.030''</math>) DRILLED AND GAS CUT HOLES (<math>\pm 0.030''</math>) - NO CONING OF HOLES LASER CUT EDGES AND HOLES (<math>\pm 0.010''</math>) - NO CONING OF HOLES BENDS ARE <math>\pm 1/2</math> DEGREE ALL OTHER MACHINING (<math>\pm 0.030''</math>) ALL OTHER ASSEMBLY (<math>\pm 0.060''</math>)</div> <div>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.</div>					<div>DESCRIPTION</div> <div>14' XTREME DUTY V-FRAME ASSEMBLY WITH TWO STIFF ARMS 5' STAND-OFF</div>					<div><div><div>SITE PRO1</div><div>A valmontCOMPANY</div></div><div>Locations: New York, NY Atlanta, GA Los Angeles, CA Plymouth, IN Salem, OR Dallas, TX</div><div>Engineering Support Team: 1-888-753-7446</div></div>				
					CPD NO. SP1		DRAWN BY KS 10/3/2024		ENG. APPROVAL 2/18/2025		PART NO. BCAM-HD			6 OF 15 PAGE					
					CLASS 87	SUB 02	DRAWING USAGE CUSTOMER		CHECKED BY JET 2/18/2025		DWG. NO. VFA14-XD-5P								
REVISION HISTORY																			
A	REPLACED C CHANNEL BRKT WITH FORMED PLATE BRKT				SP1	KS	4/24/2018												
REV	DESCRIPTION OF REVISIONS				CPD	BY	DATE												

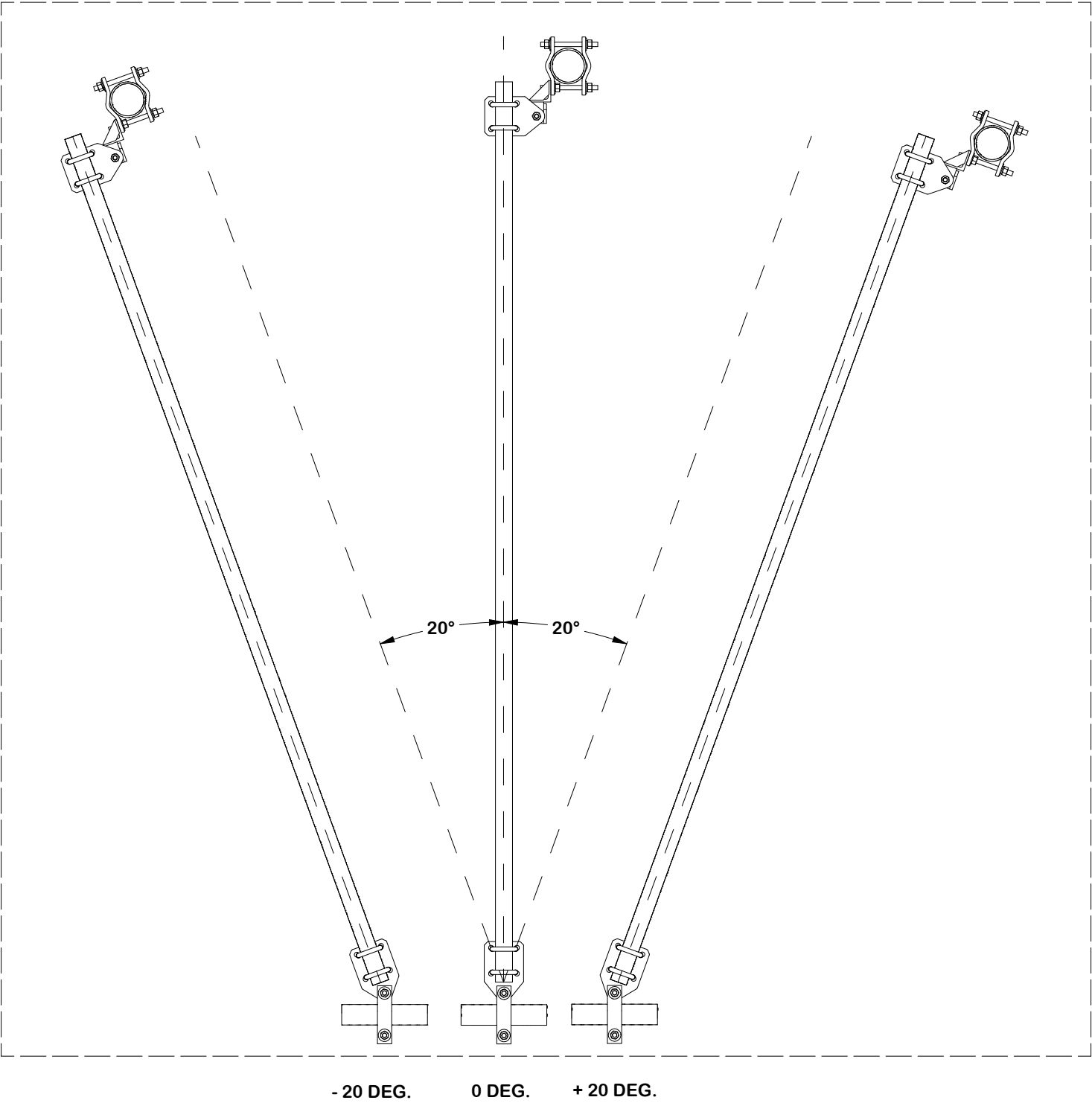


PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	1	P2126	2-3/8" X 126" (2" SCH. 40) GALVANIZED PIPE	126 in	40.75	40.75
2	1	SPTBU-F	UNIVERSAL SLIDING PIPE TIE BACK ASSEMBLY (FRONT CONNECTION ONLY)		19.26	19.26
3	1	SPTBU-B	UNIVERSAL SLIDING PIPE TIE BACK ASSEMBLY (BACK CONNECTION ONLY)		33.54	33.54
					TOTAL WT. #	93.55

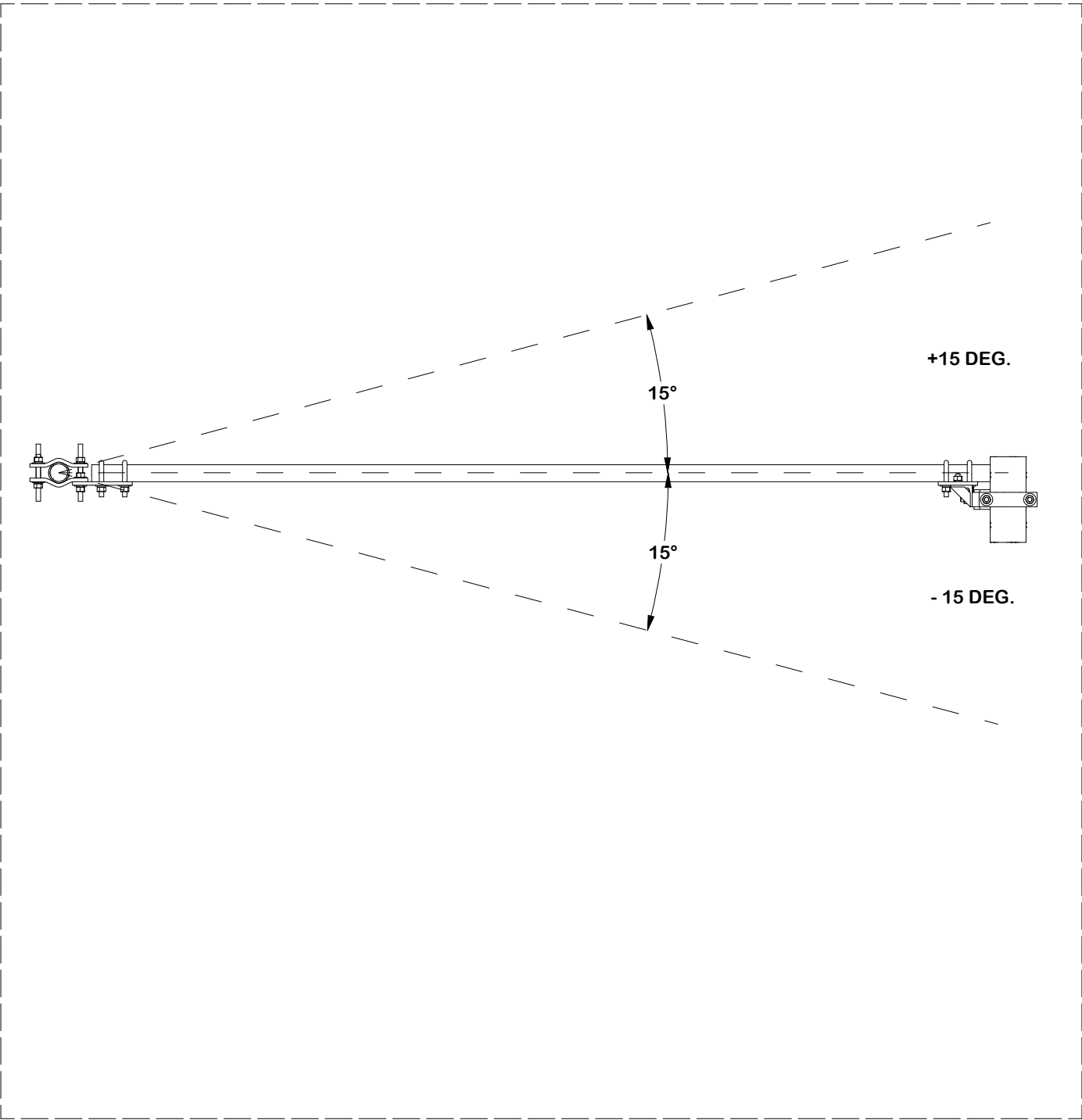


					<div>TOLERANCE NOTES</div> <div>TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE: SAWED, SHEARED AND GAS CUT EDGES (<math>\pm 0.030''</math>) DRILLED AND GAS CUT HOLES (<math>\pm 0.030''</math>) - NO CONING OF HOLES LASER CUT EDGES AND HOLES (<math>\pm 0.010''</math>) - NO CONING OF HOLES BENDS AND ANGLES ARE <math>\pm 1/2</math> DEGREE ALL OTHER MACHINING (<math>\pm 0.030''</math>) ALL OTHER ASSEMBLY (<math>\pm 0.060''</math>)</div>					<div>DESCRIPTION</div> <div>14' XTREME DUTY V-FRAME ASSEMBLY WITH TWO STIFF ARMS 5' STAND-OFF</div>					<div><div><div>SITE PRO</div><div>1</div></div><div>Engineering Support Team: sp1engineering@valmont.com</div></div> <div>A valmont COMPANY</div>					
					PATENT INFORMATION: WWW.SITEPRO1.COM/PATENTS					CPD NO. SP1		DRAWN BY KS 10/3/2024		ENG. APPROVAL 2/18/2025		PART NO. SPTB			7 OF 15 PAGE	
					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 JET 2/18/2025		DWG. NO. VFA14-XD-5P				
REVISION HISTORY																				
A	REPLACED C CHANNEL BRKT WITH FORMED PLATE BRKT				SP1	KS	4/24/2018													
REV	DESCRIPTION OF REVISIONS				CPD	BY	DATE													

RECOMMENDED HORIZONTAL ADJUSTMENT



RECOMMENDED VERTICAL ADJUSTMENT



TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:  
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DESCRIPTION

14' XTREME DUTY V-FRAME ASSEMBLY WITH TWO  
STIFF ARMS 5' STAND-OFF

CPD NO. SP1		DRAWN BY KS 10/3/2024	ENG. APPROVAL 2/18/2025
CLASS 87	SUB 02	DRAWING USAGE CUSTOMER	CHECKED BY JET 2/18/2025



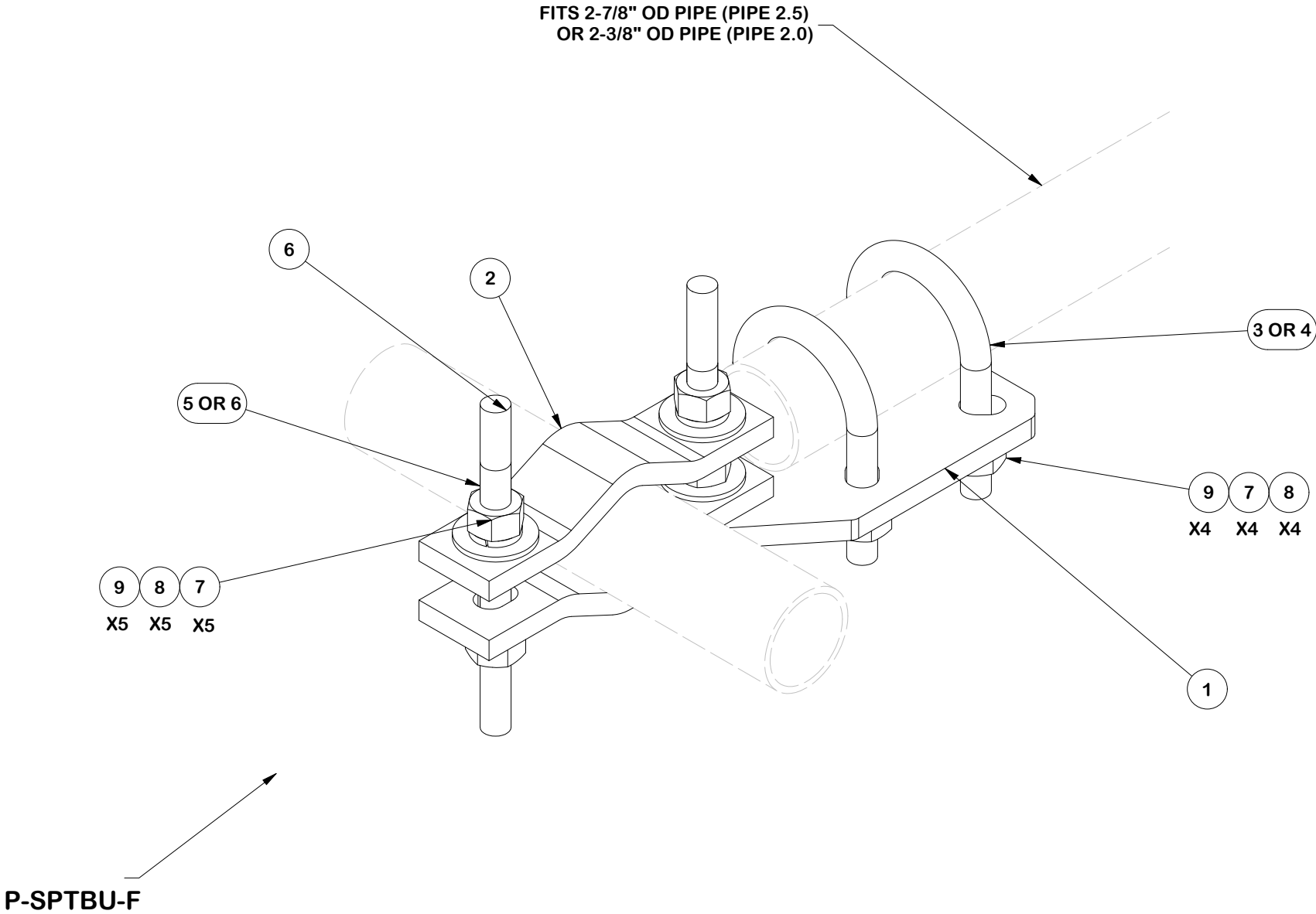
A valmont COMPANY

Engineering  
Support Team:  
[sp1engineering@valmont.com](mailto:sp1engineering@valmont.com)

PART NO. SPTB	8 OF 15 PAGE
DWG. NO. VFA14-XD-5P	



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" CNTER 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	G5804	5/8" x 4" HDG HEX BOLT GR5		0.44	0.89
6	2	G58R-8	5/8" X 8" THREADED ROD (HDG.)		0.74	1.48
7	9	G58LW	5/8" HDG LOCKWASHER		0.03	0.23
8	9	G58FW	5/8" HDG USS FLATWASHER	1/8 in	0.07	0.63
9	9	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	1.17
					TOTAL WT. #	19.26



TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:  
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LASER CUT EDGES AND HOLES ( $\pm 0.010"$ ) - NO CONING OF HOLES  
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DESCRIPTION

14' XTREME DUTY V-FRAME ASSEMBLY WITH TWO  
STIFF ARMS 5' STAND-OFF

CPD NO.

SP1

DRAWN BY

KS 10/3/2024

ENG. APPROVAL

2/18/2025

CLASS

87

SUB

02

DRAWING USAGE

CUSTOMER

CHECKED BY

JET 2/18/2025



A valmont COMPANY

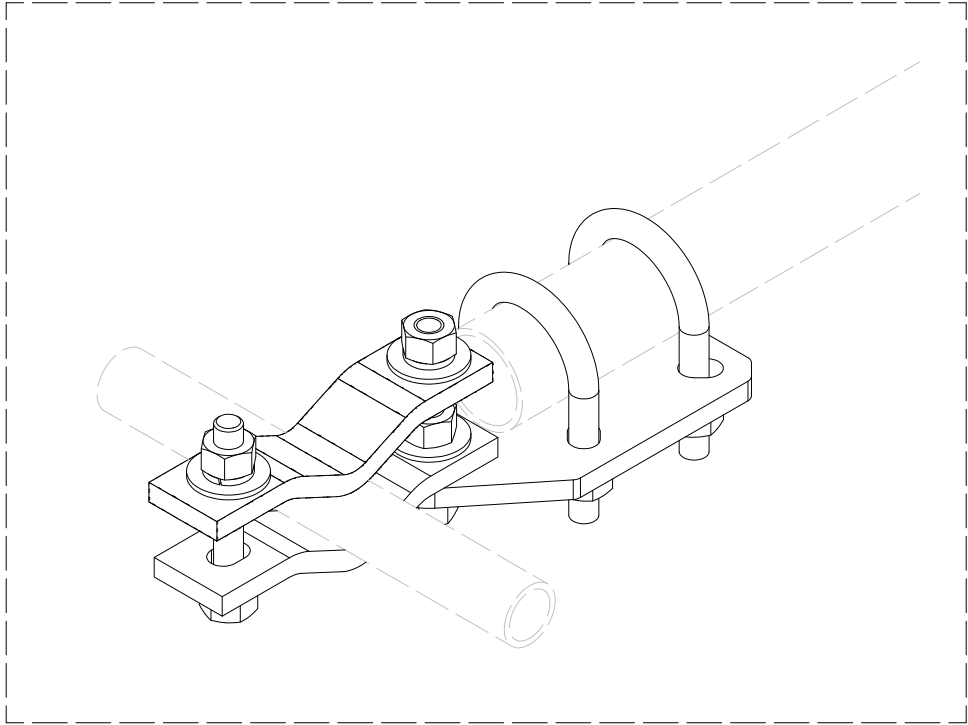
Engineering  
Support Team:  
sp1engineering@valmont.com

PART NO.

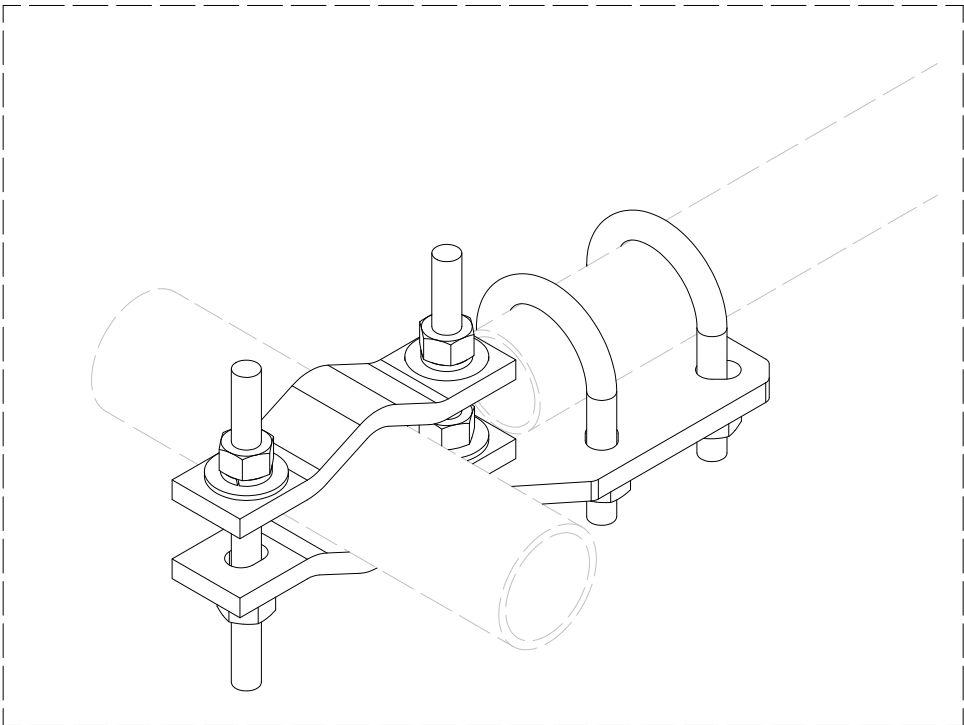
SPTBU-F

DWG. NO.

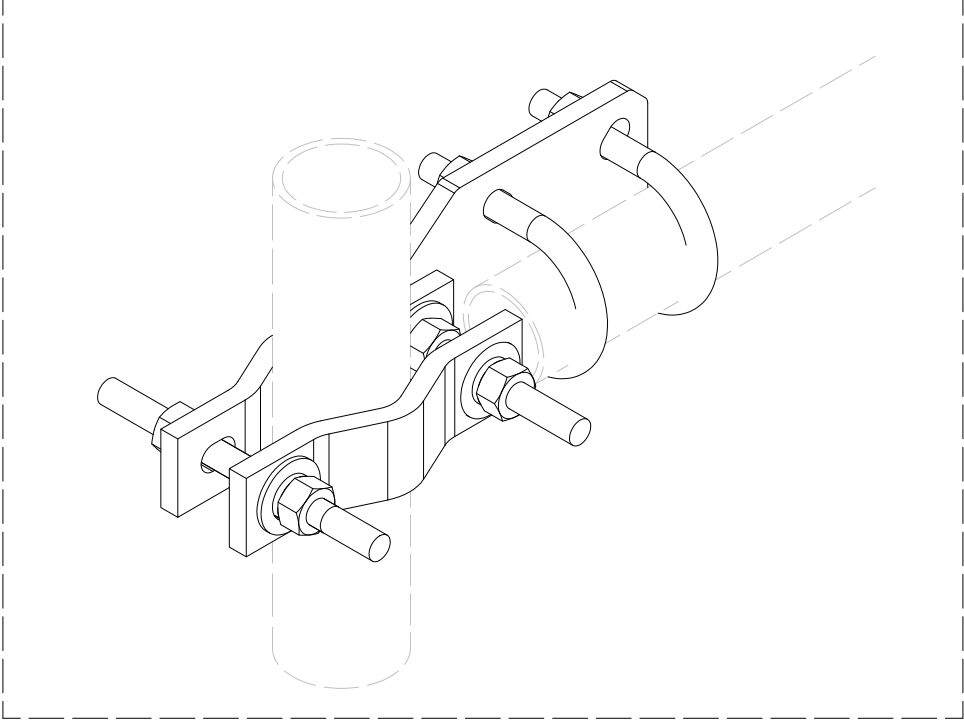
VFA14-XD-5P



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



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

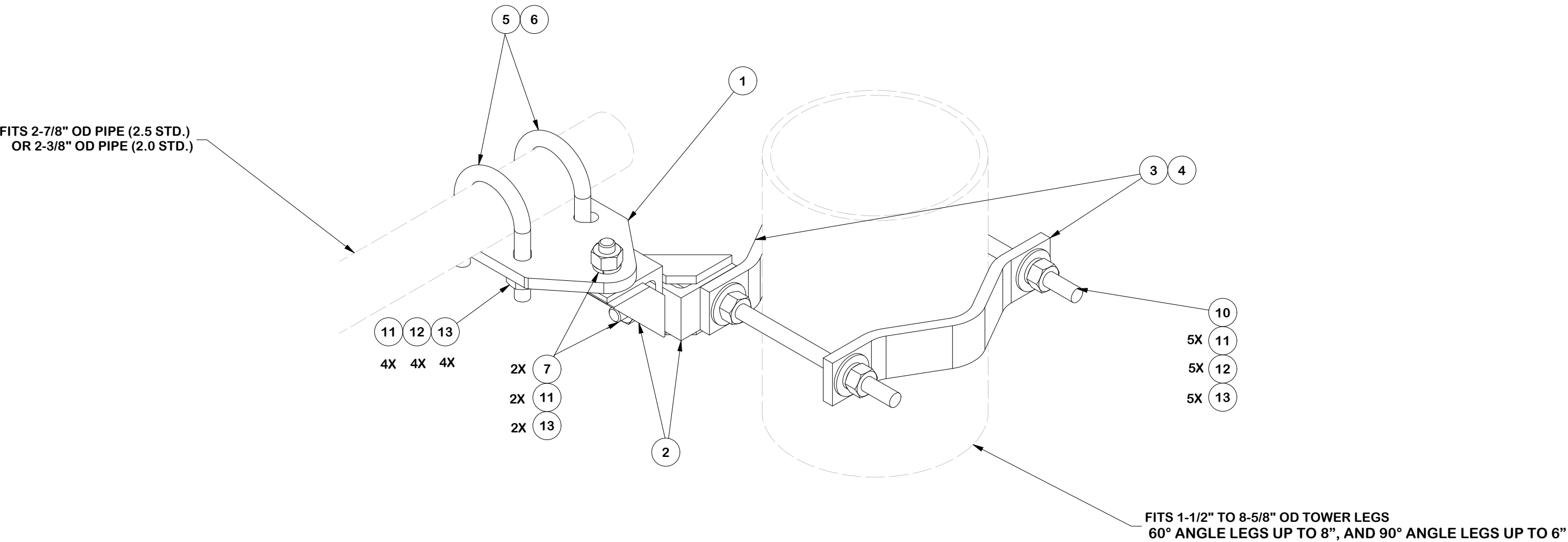


ATTACHMENT 2-3/8" TO 5"  
VERTICAL ORIENTATION

FRONT FACE CONFIGURATIONS

	<div>TOLERANCE NOTES</div> <div>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 ± 1/2 DEGREE ALL OTHER MACHINING (± 0.030") ALL OTHER ASSEMBLY (± 0.060")</div>				<div>DESCRIPTION</div> <div>14' XTREME DUTY V-FRAME ASSEMBLY WITH TWO STIFF ARMS 5' STAND-OFF</div>				<div><div><div><div>SITE PRO</div><div>1</div></div><div>Engineering Support Team: sp1engineering@valmont.com</div></div><div>A valmont COMPANY</div></div>				PAGE 10 OF 15
	PATENT INFORMATION: WWW.SITEPRO1.COM/PATENTS				CPD NO. SP1		DRAWN BY KS 10/3/2024		ENG. APPROVAL 2/18/2025		PART NO. SPTBU-F		
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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" CENTER 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	G5802	5/8" x 2" HDG HEX BOLT GR5		0.27	0.54
8	2	G5804	5/8" x 4" HDG HEX BOLT GR5		0.44	0.89
9	2	G58R-8	5/8" X 8" THREADED ROD (HDG.)		0.74	1.48
10	2	G58R-12	5/8" x 12" THREADED ROD (HDG.)		1.05	2.09
11	11	G58LW	5/8" HDG LOCKWASHER		0.03	0.29
12	11	G58FW	5/8" HDG USS FLATWASHER	1/8 in	0.07	0.78
13	11	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	1.43
					TOTAL WT. #	33.54



P-SPTBU-B

TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:  
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DRILLED AND GAS CUT HOLES ( $\pm 0.030"$ ) - NO CONING OF HOLES  
LASER CUT EDGES AND HOLES ( $\pm 0.010"$ ) - NO CONING OF HOLES  
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ALL OTHER MACHINING ( $\pm 0.030"$ )  
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PROPRIETARY NOTE:  
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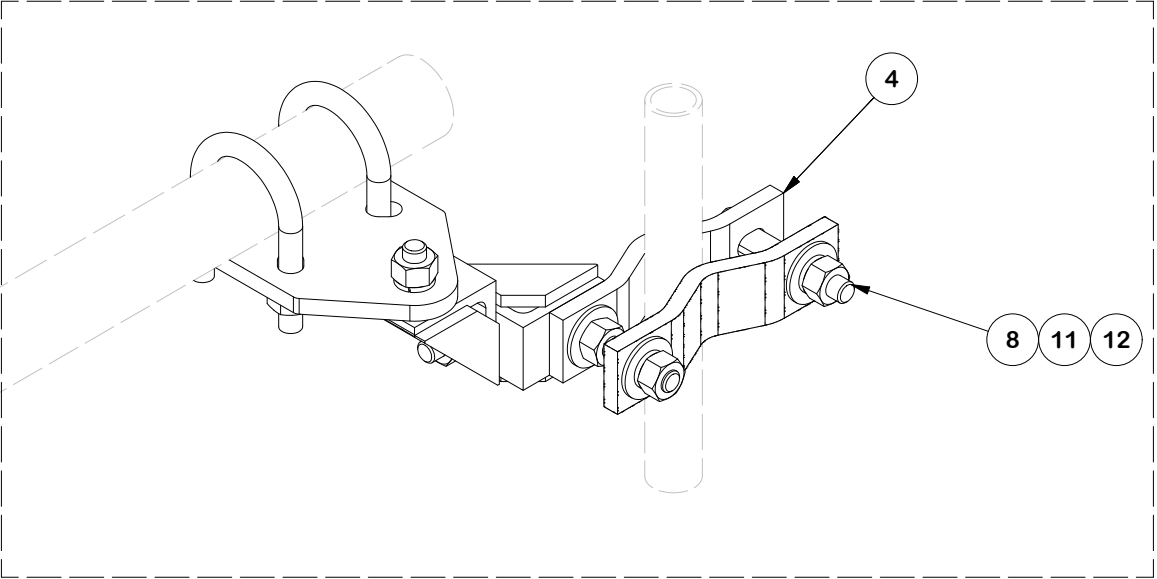
DESCRIPTION  
14' XTREME DUTY V-FRAME ASSEMBLY WITH TWO STIFF ARMS 5' STAND-OFF

CPD NO. SP1		DRAWN BY KS 10/3/2024		ENG. APPROVAL 2/18/2025	
CLASS 87	SUB 02	DRAWING USAGE CUSTOMER		CHECKED BY JET 2/18/2025	

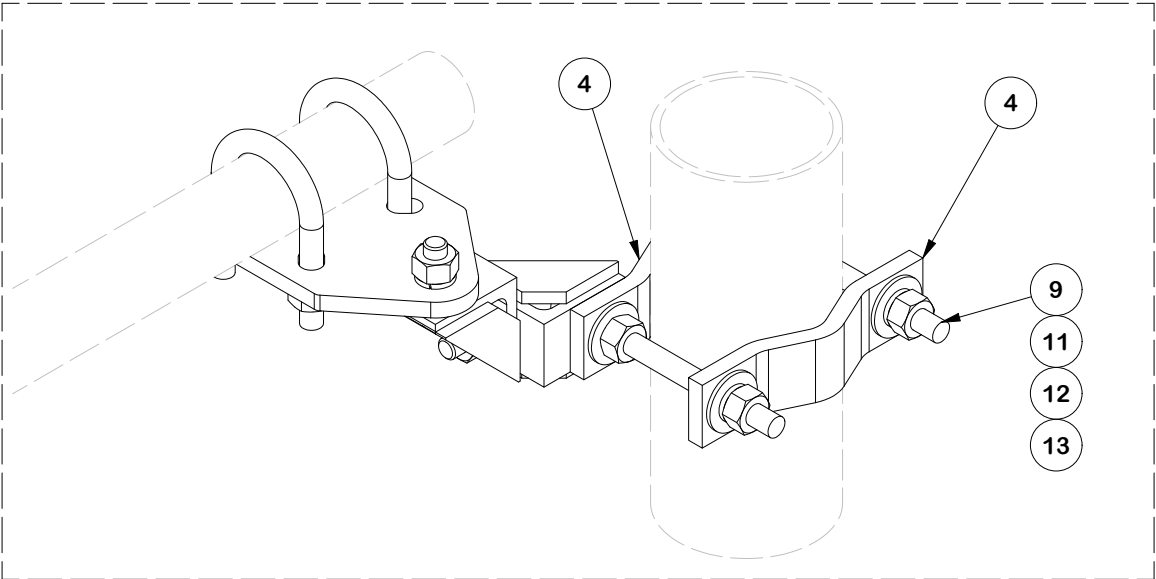


Engineering Support Team:  
sp1engineering@valmont.com

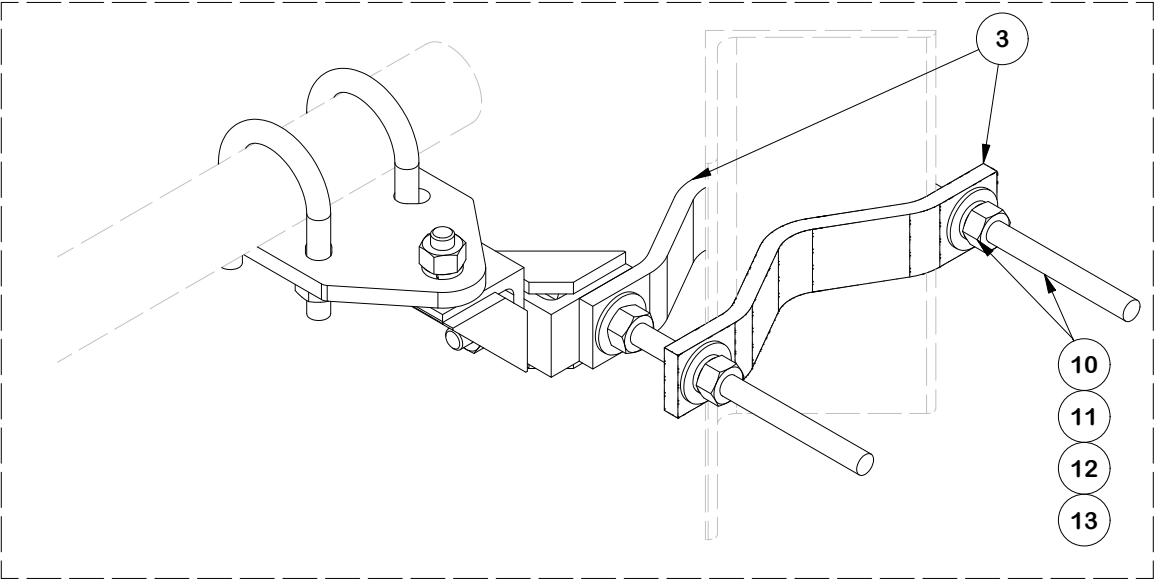
PART NO. SPTBU-B	PAGE 11 OF 15
DWG. NO. VFA14-XD-5P	



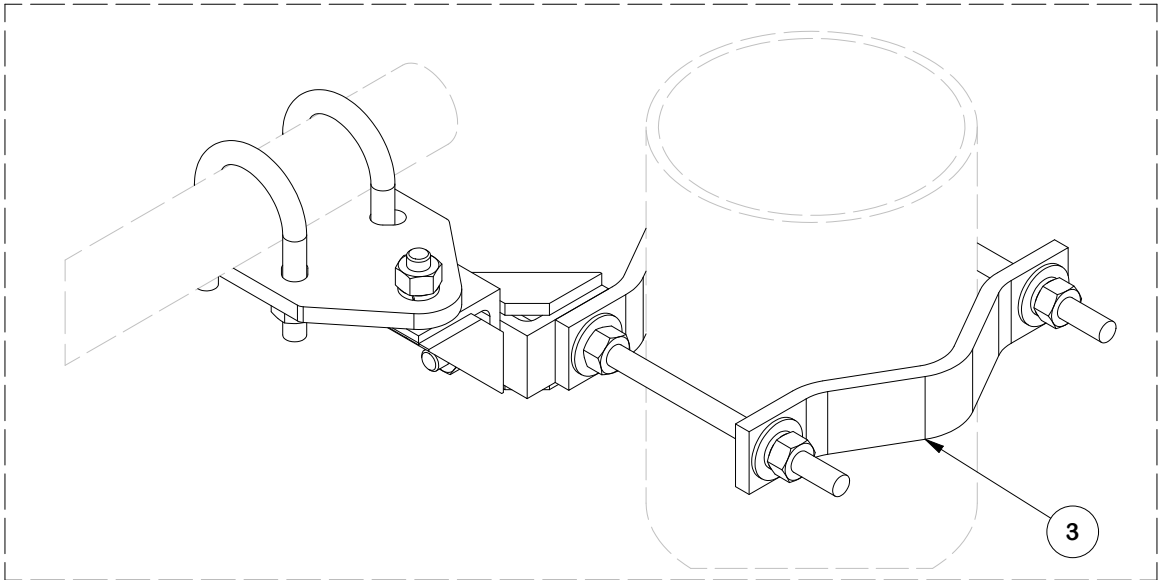
SMALL LEGS 1-1/2" TO 2-3/8"  
NOTE: FLIP HALF BACK CLAMP



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

TOWER LEG CONFIGURATIONS

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](http://WWW.SITEPRO1.COM/PATENTS)

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DESCRIPTION

14' XTREME DUTY V-FRAME ASSEMBLY WITH TWO  
STIFF ARMS 5' STAND-OFF

CPD NO.

SP1

DRAWN BY

KS 10/3/2024

ENG. APPROVAL

2/18/2025

CLASS

87

SUB

02

DRAWING USAGE

CUSTOMER

CHECKED BY

JET 2/18/2025



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Support Team:  
[sp1engineering@valmont.com](mailto:sp1engineering@valmont.com)

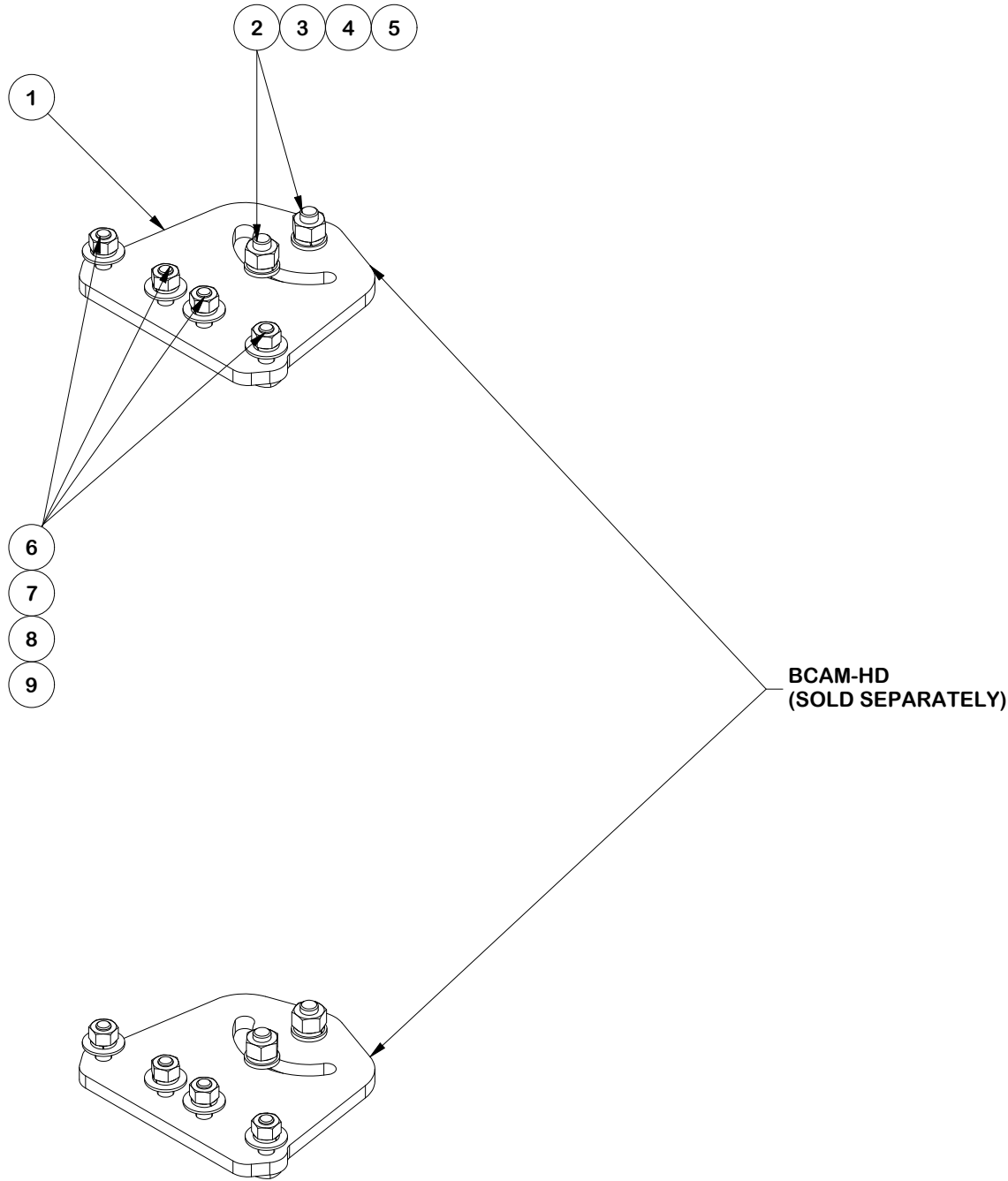
PART NO.

SPTBU-B

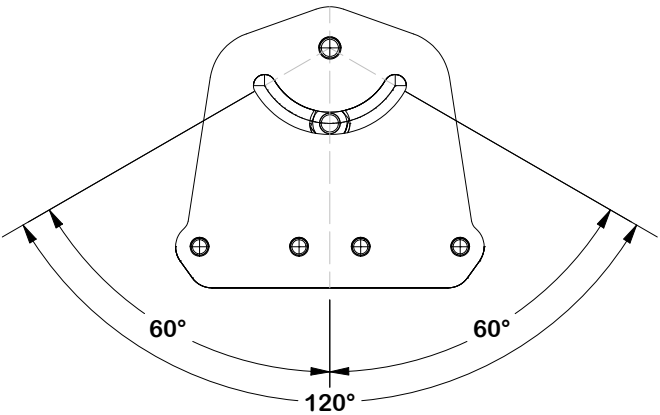
DWG. NO.

VFA14-XD-5P

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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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

14' XTREME DUTY V-FRAME ASSEMBLY WITH TWO STIFF ARMS 5' STAND-OFF

CPD NO.		DRAWN BY		ENG. APPROVAL	
SP1		KS 10/3/2024		2/18/2025	
CLASS	SUB	DRAWING USAGE		CHECKED BY	
87	02	CUSTOMER		JET 2/18/2025	

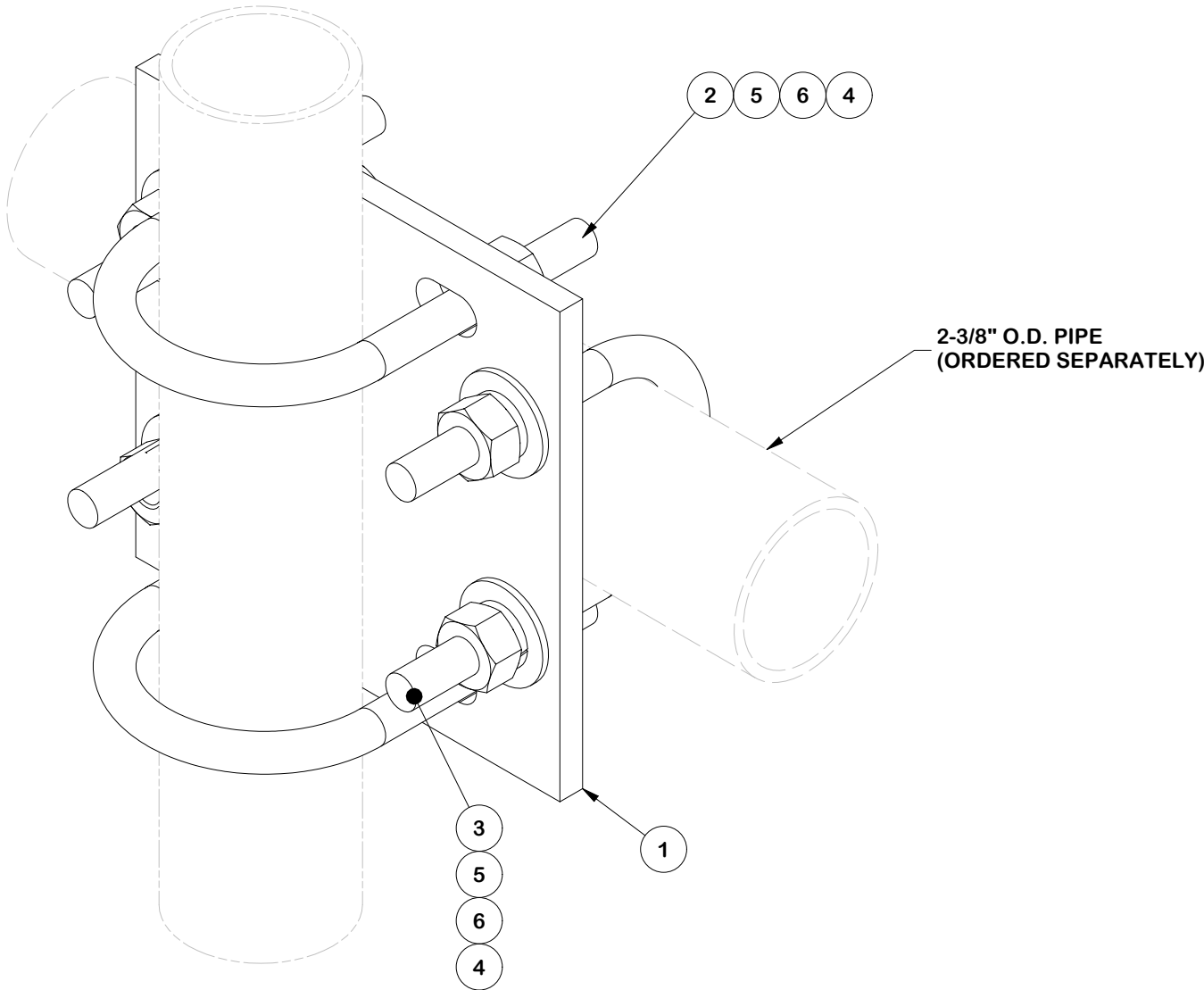


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PART NO.	VFAPL4-K
DWG. NO.	VFA14-XD-5P

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	G12NUT	1/2" HDG HEAVY 2H HEX NUT	7/8 in	0.07	0.57
5	8	G12FW	1/2" HDG USS FLATWASHER	3/32 in	0.03	0.27
6	8	G12LW	1/2" HDG LOCKWASHER	1/8 in	0.01	0.11
					TOTAL WT. #	8.84



TOLERANCE NOTES

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ALL OTHER ASSEMBLY ( $\pm 0.060''$ )

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DESCRIPTION		
14' XTREME DUTY V-FRAME ASSEMBLY WITH TWO STIFF ARMS 5' STAND-OFF		

CPD NO.	DRAWN BY	ENG. APPROVAL
SP1	KS 10/3/2024	2/18/2025
CLASS	DRAWING USAGE	CHECKED BY
87	CUSTOMER	JET 2/18/2025

SITE  
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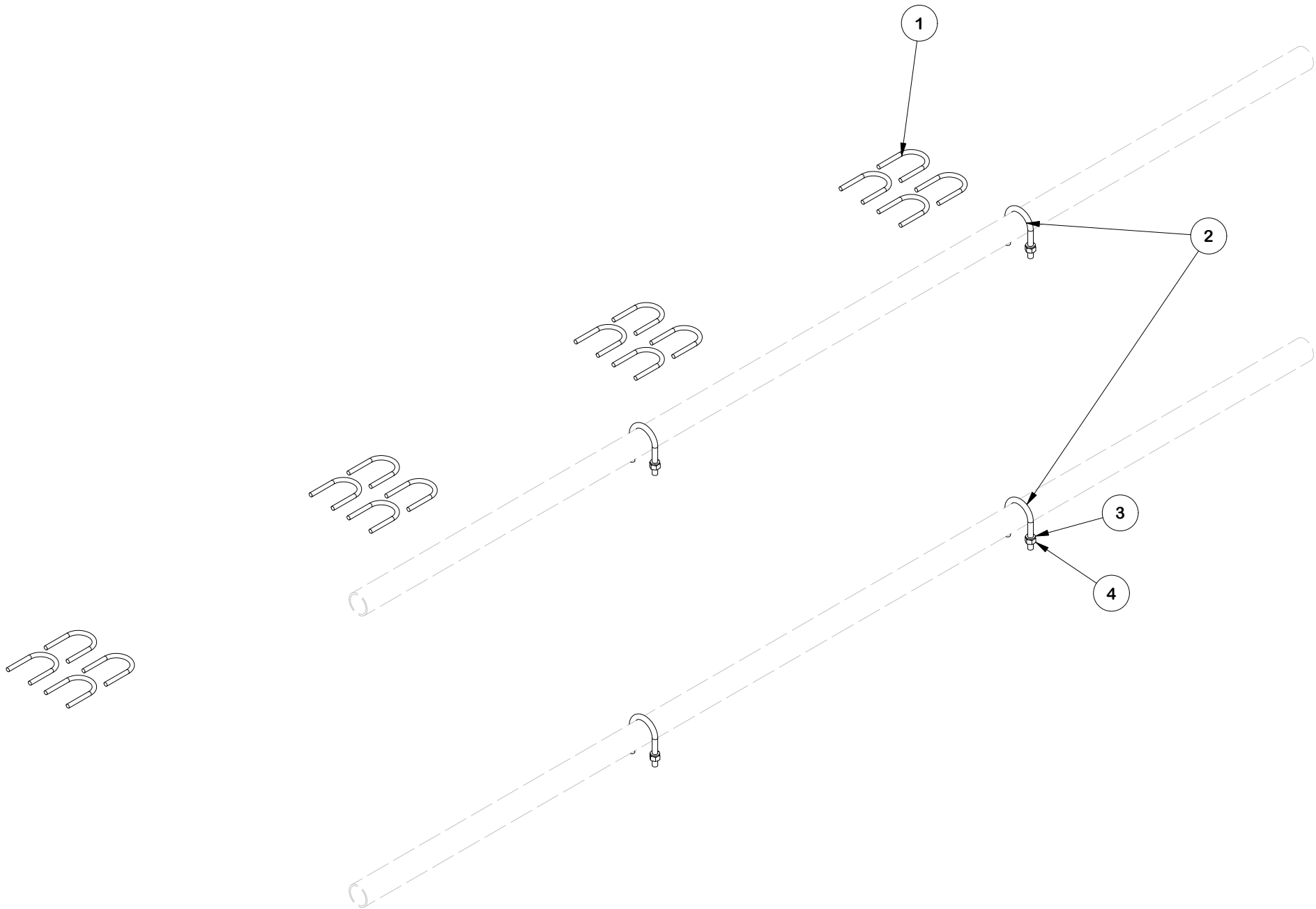
Locations:  
New York, NY  
Atlanta, GA  
Los Angeles, CA  
Plymouth, IN  
Salem, OR  
Dallas, TX

Engineering  
Support Team:  
1-888-753-7446

PART NO.	SCX2-K	14 OF 15 PAGE
DWG. NO.	VFA14-XD-5P	



PARTS LIST					
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.
1	16	X-UB1300	1/2 X 3" X 5" X 2" U-BOLT	5 in	0.74
2	4	X-UB5300	5/8" X 3" X 5-1/4" X 2-1/2" U-BOLT	5 1/4 in	1.22
3	8	G58LW	5/8" HDG LOCKWASHER		0.03
4	8	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13
TOTAL WT. #					17.93



TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:  
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DESCRIPTION  
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CPD NO. SP1		DRAWN BY KS 10/3/2024	ENG. APPROVAL 2/18/2025
CLASS 87	SUB 02	DRAWING USAGE CUSTOMER	CHECKED BY JET 2/18/2025



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Support Team:  
sp1engineering@valmont.com

PART NO. VFAHD-FACEHW	PAGE 15 OF 15
DWG. NO. VFA14-XD-5P	