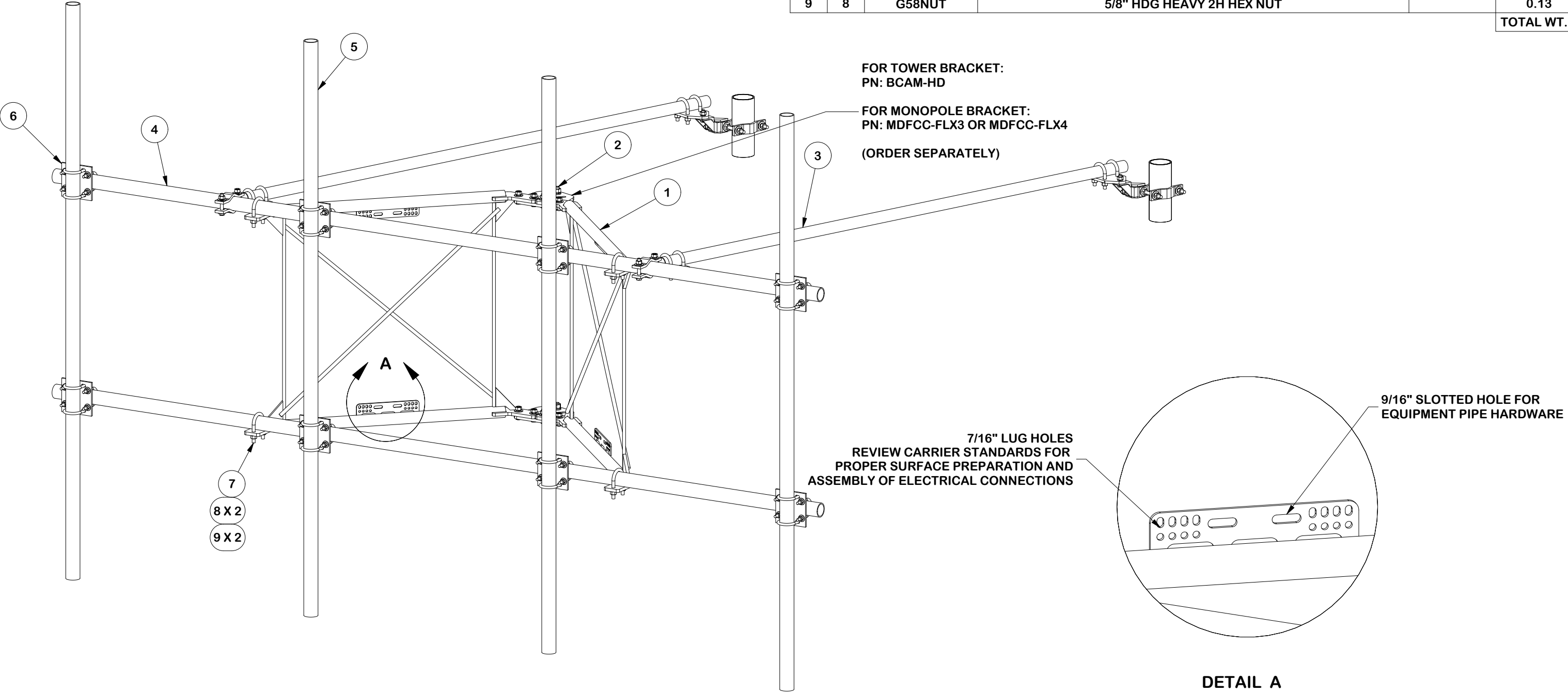


PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	2	X-VXDW45	XTREME DUTY 45" VERTICAL SUPPORT ARM		100.07	200.13
2	1	VFAPL4-K	HD FRAME PIVOT PLATE KIT		39.25	39.25
3	2	SPTB	SLIDING TIE-BACK ASSEMBLY KIT		91.18	182.36
4	2	P30180	2-7/8" O.D. x 180" SCH. 40 PIPE (A53 Gr.B Fy=35 ksi min.)	180 in	87.10	174.20
5	4	P30120	2-7/8" x 120" (2-1/2" SCH. 40) GALVANIZED PIPE	120 in	58.07	232.26
6	8	SCX23-K	CROSSOVER PLATE KIT 2-7/8" X 2-7/8"		9.00	71.97
7	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
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. #	906.28



TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES ($\pm 0.030"$)
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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
HEAVY S1-14-4
14' NOMINAL SECTOR FRAME
W/ 4 MAST PIPES NO LEG BRACKETS

CPD NO. SP1		DRAWN BY ADB 8/19/2025		ENG. APPROVAL 8/19/2025	
CLASS 87	SUB 02	DRAWING USAGE CUSTOMER		CHECKED BY JET 8/19/2025	

SITE PRO 1

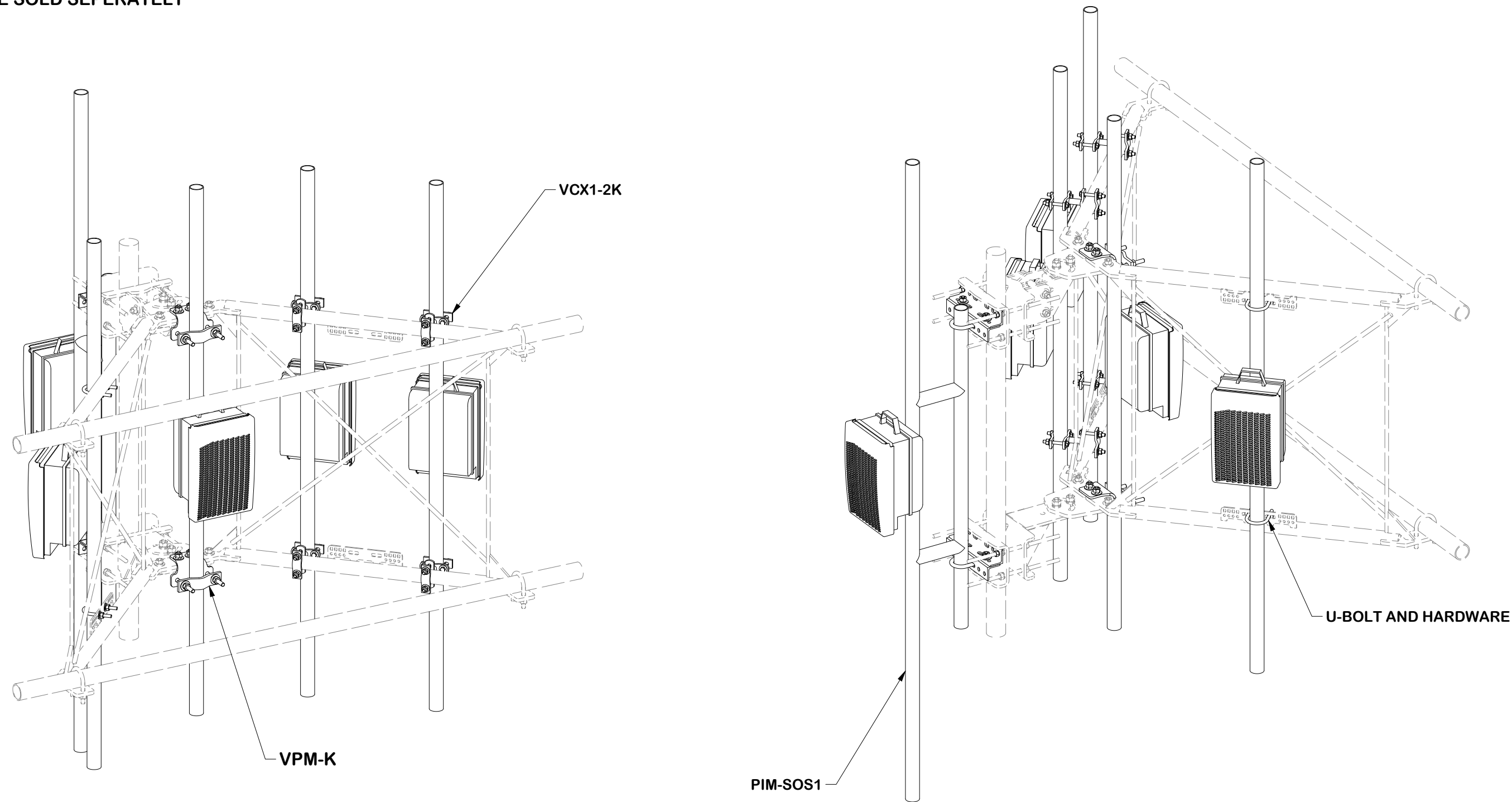
A valmont COMPANY

Engineering Support Team:
1-888-753-7446

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

PART NO. VNB14-XD-A4	1 OF 12 PAGE
DWG. NO. VNB14-XD-A4	

NOTE: ALL COMPONENTS AND
HARDWARE SOLD SEPERATELY



FRONT ISO

REAR ISO

TOLERANCE NOTES

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14' NOMINAL SECTOR FRAME
W/ 4 MAST PIPES NO LEG BRACKETS

CPD NO. SP1		DRAWN BY ADB 8/19/2025		ENG. APPROVAL 8/19/2025	
CLASS 87	SUB 02	DRAWING USAGE CUSTOMER		CHECKED BY JET 8/19/2025	

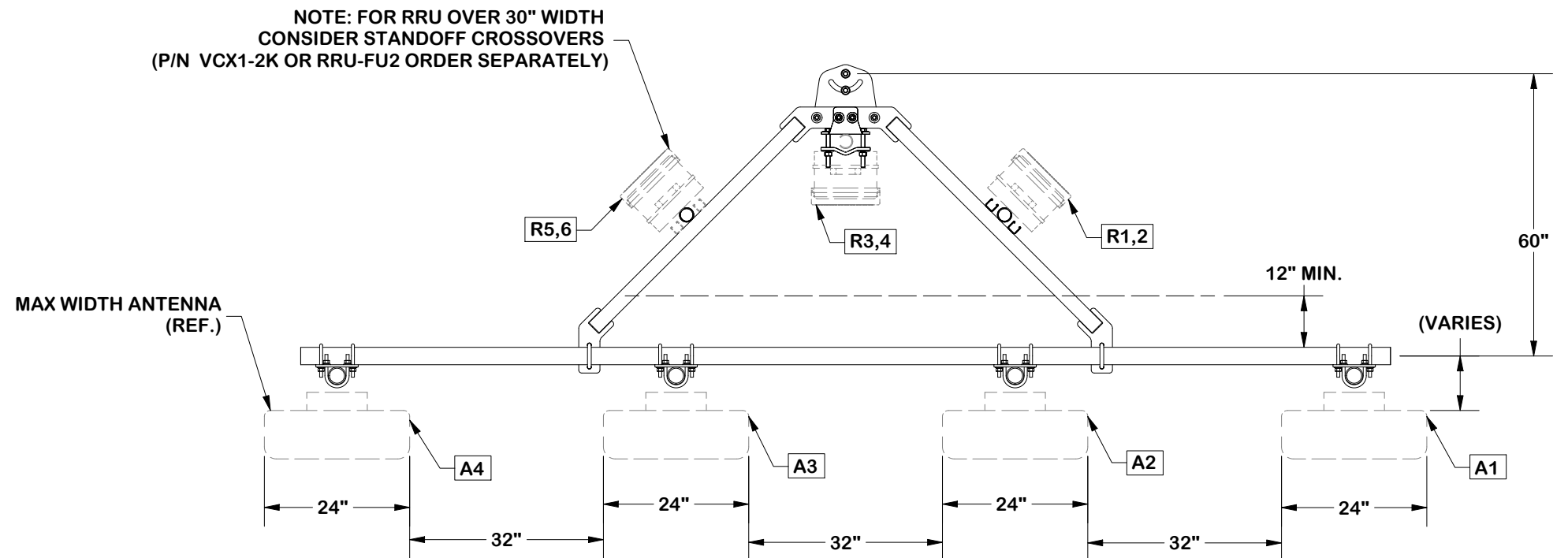


Locations:
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Plymouth, IN
Salem, OR
Dallas, TX

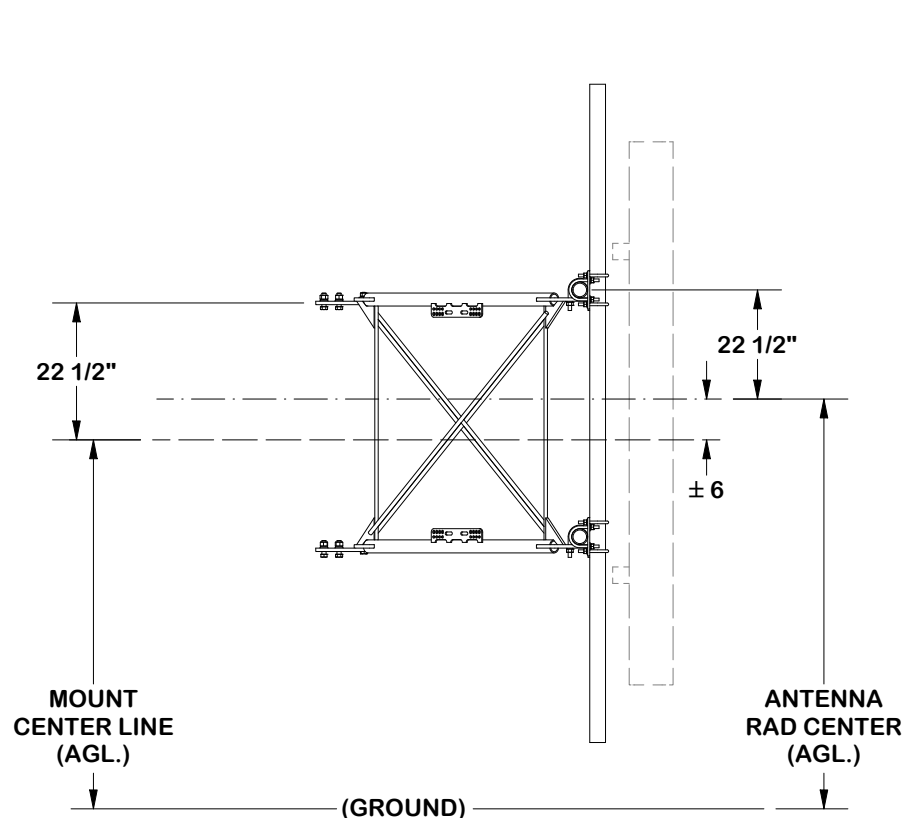
Engineering
Support Team:
1-888-753-7446

PART NO. VFA RRU REF	
DWG. NO. VNB14-XD-A4	

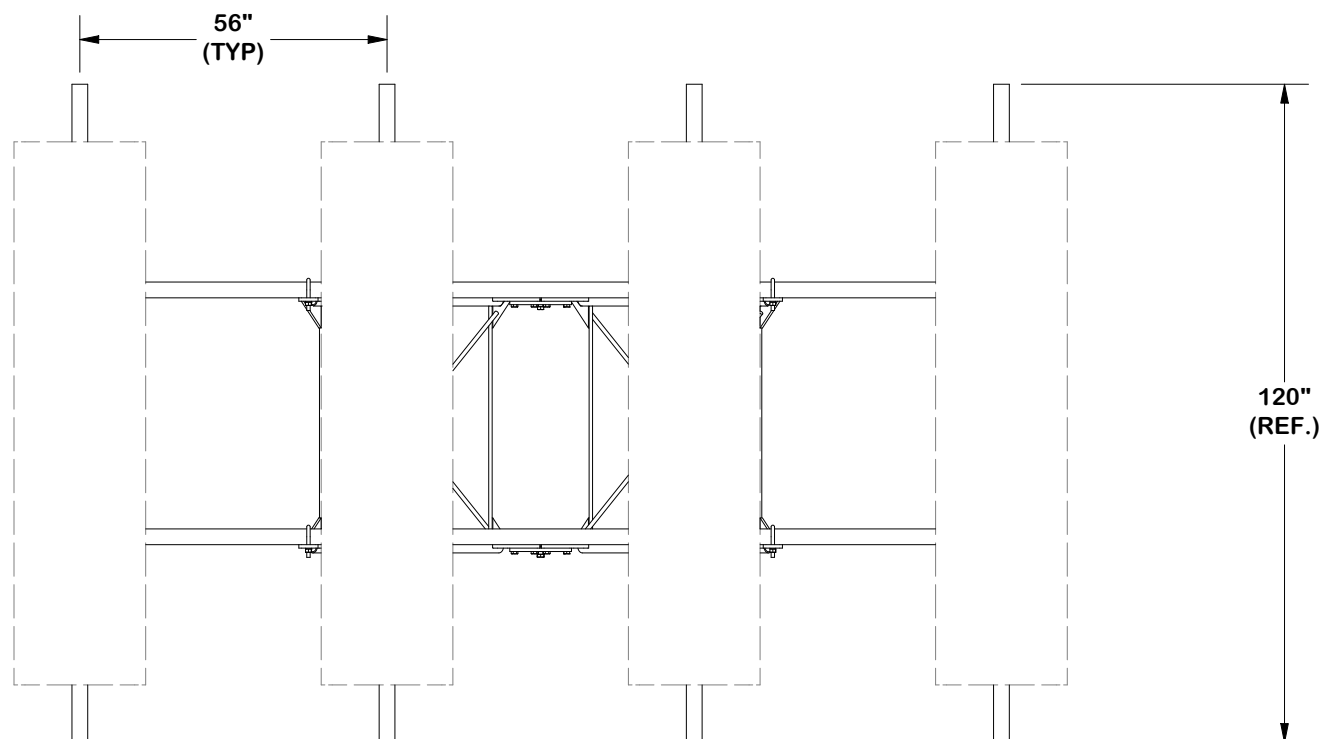
3 ANTENNA SECTOR FRAME LAYOUT



TOP VIEW



SIDE VIEW



FRONT VIEW

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

TOLERANCE NOTES

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DESCRIPTION

HEAVY S1-14-4
14' NOMINAL SECTOR FRAME
W/ 4 MAST PIPES NO LEG BRACKETS

CPD NO.
SP1

CLASS	SUB
87	02

DRAWN BY	
ADB	8/19/2025

DRAWING USAGE
CUSTOMER

ENG. APPROVAL	8/19/2025
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CHECKED BY
JET 8/19/2025

	PART NO.
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VNB14-XD-A4

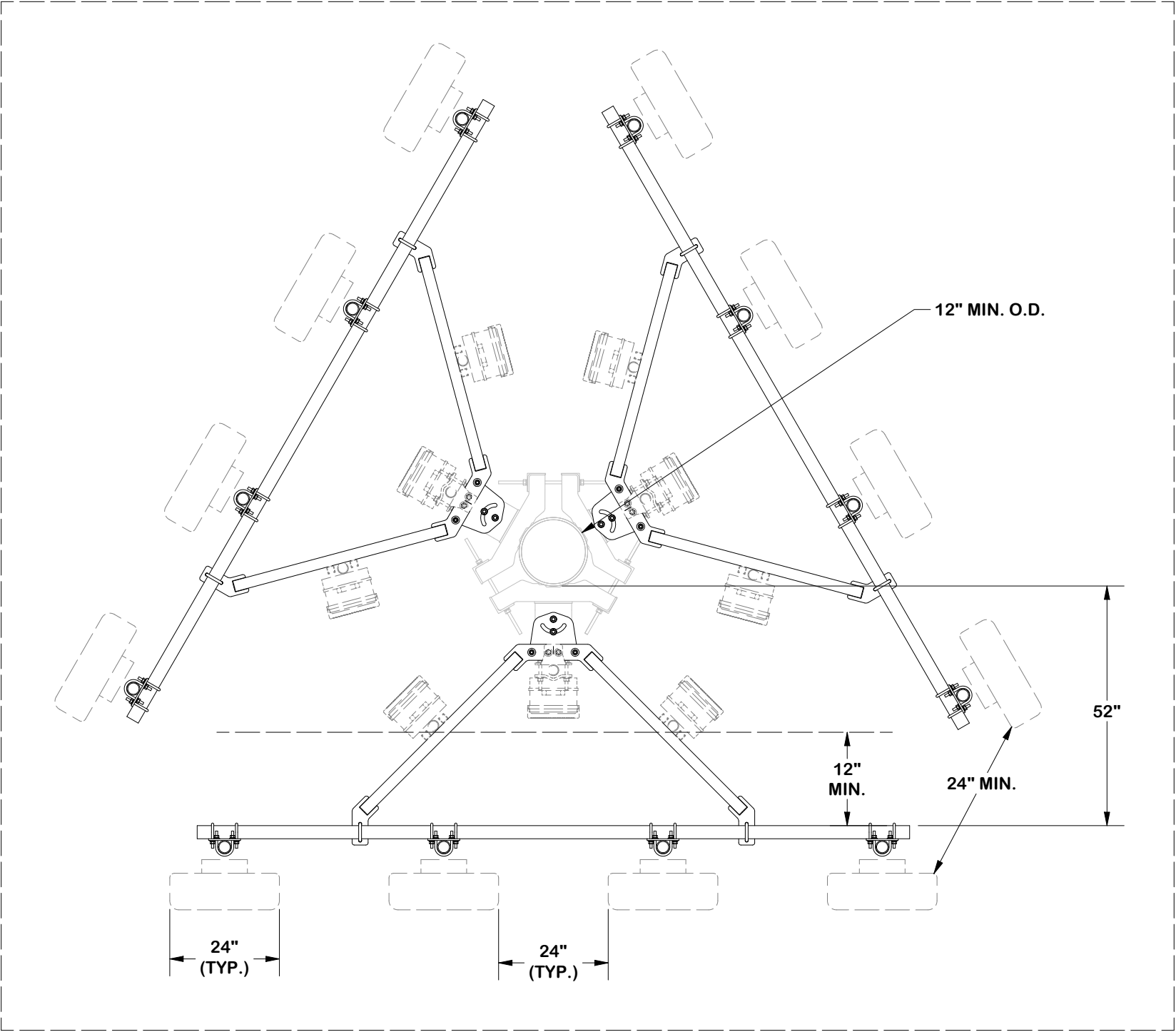
	DWG. NO.
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VNB14-XD-A4



Engineering
Support Team:
1-888-753-7446

Locations:
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Atlanta, GA
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX



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

NOTE: TIEBACKS OMITTED FOR CLARITY

TOLERANCE NOTES

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CPD NO. SP1		DRAWN BY ADB 8/19/2025		ENG. APPROVAL 8/19/2025	
CLASS 87	SUB 02	DRAWING USAGE CUSTOMER		CHECKED BY JET 8/19/2025	

SITE
PRO

1

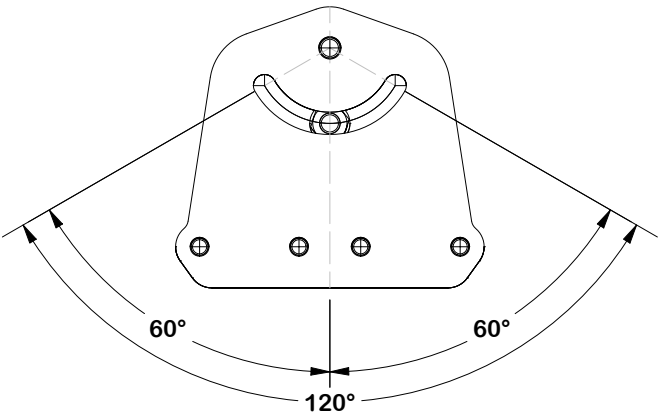
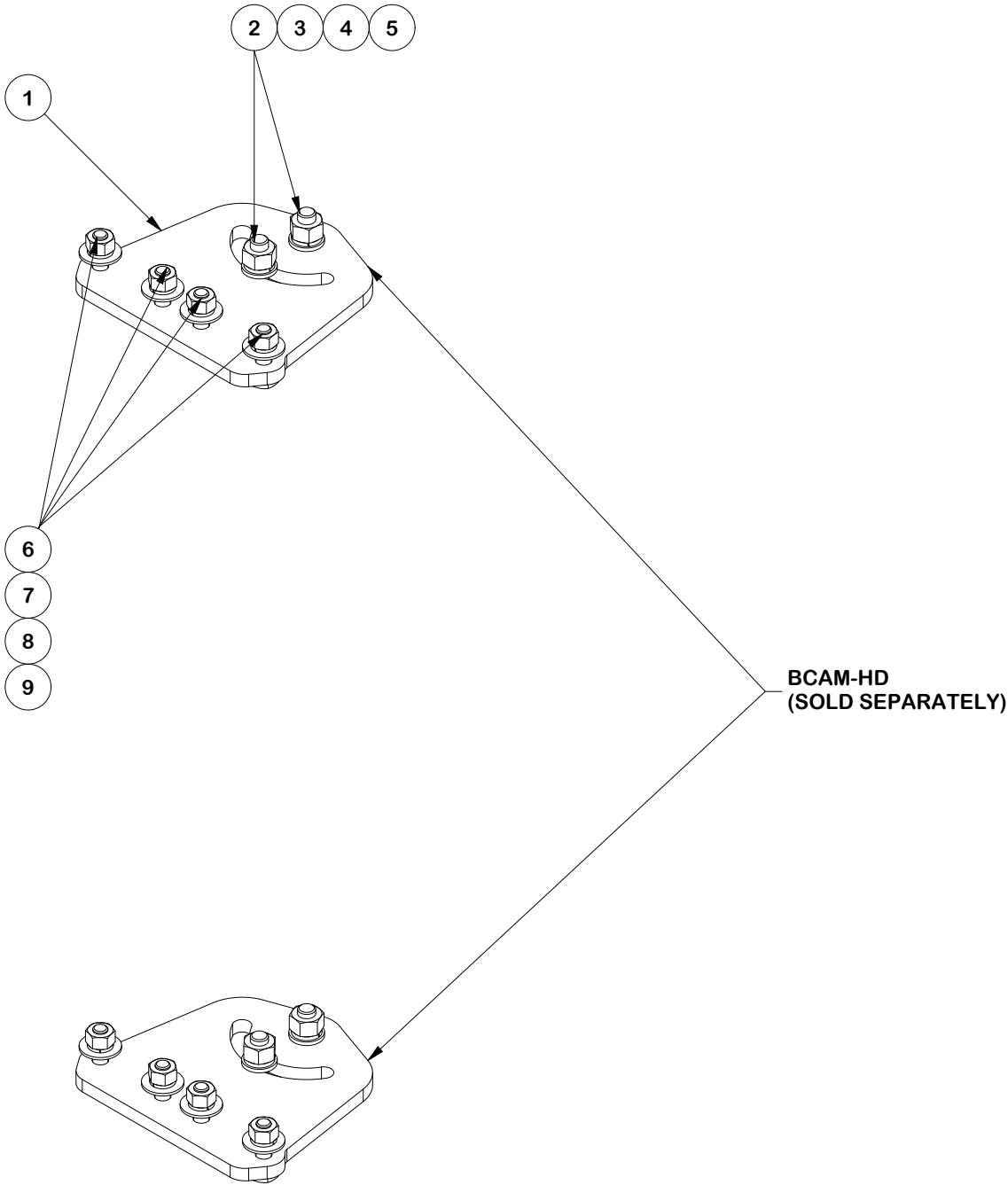
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Plymouth, IN
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Dallas, TX

Engineering
Support Team:
1-888-753-7446

PART NO. CORNER LAYOUT	PAGE 4 OF 12
DWG. NO. VNB14-XD-A4	

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

FINISH:
HOT DIP GALVANIZED.

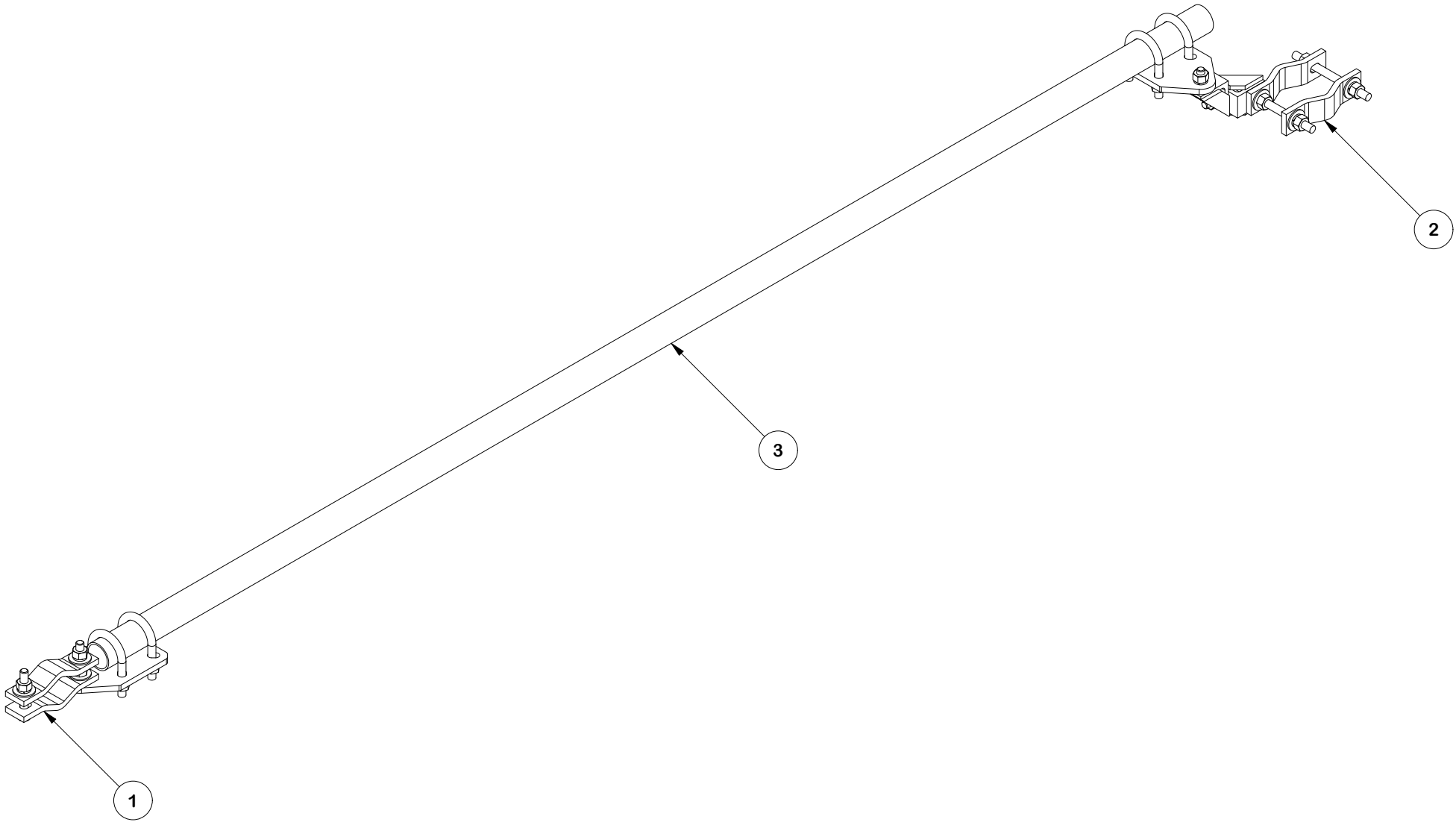
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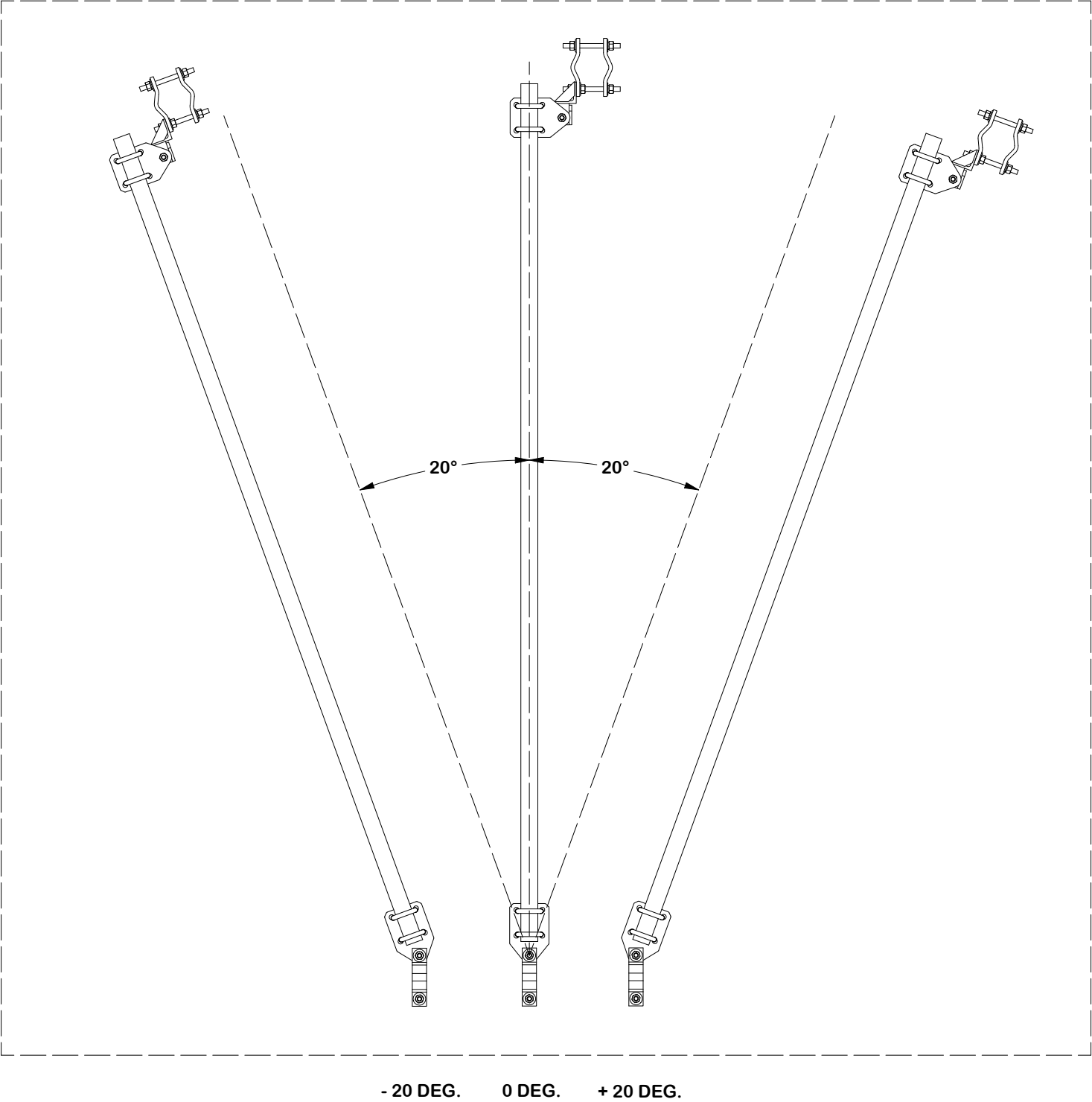
DESCRIPTION HEAVY S1-14-4 14' NOMINAL SECTOR FRAME W/ 4 MAST PIPES NO LEG BRACKETS				SITE PRO 1 A valmont  COMPANY Engineering Support Team: 1-888-753-7446 Locations: New York, NY Atlanta, GA Los Angeles, CA Plymouth, IN Salem, OR Dallas, TX				
CPD NO. SP1		DRAWN BY ADB 8/19/2025		ENG. APPROVAL 8/19/2025		PART NO. VFAPL4-K		5 OF 12 PAGE
CLASS 87	SUB 02	DRAWING USAGE CUSTOMER		CHECKED BY JET 8/19/2025		DWG. NO. VNB14-XD-A4		

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

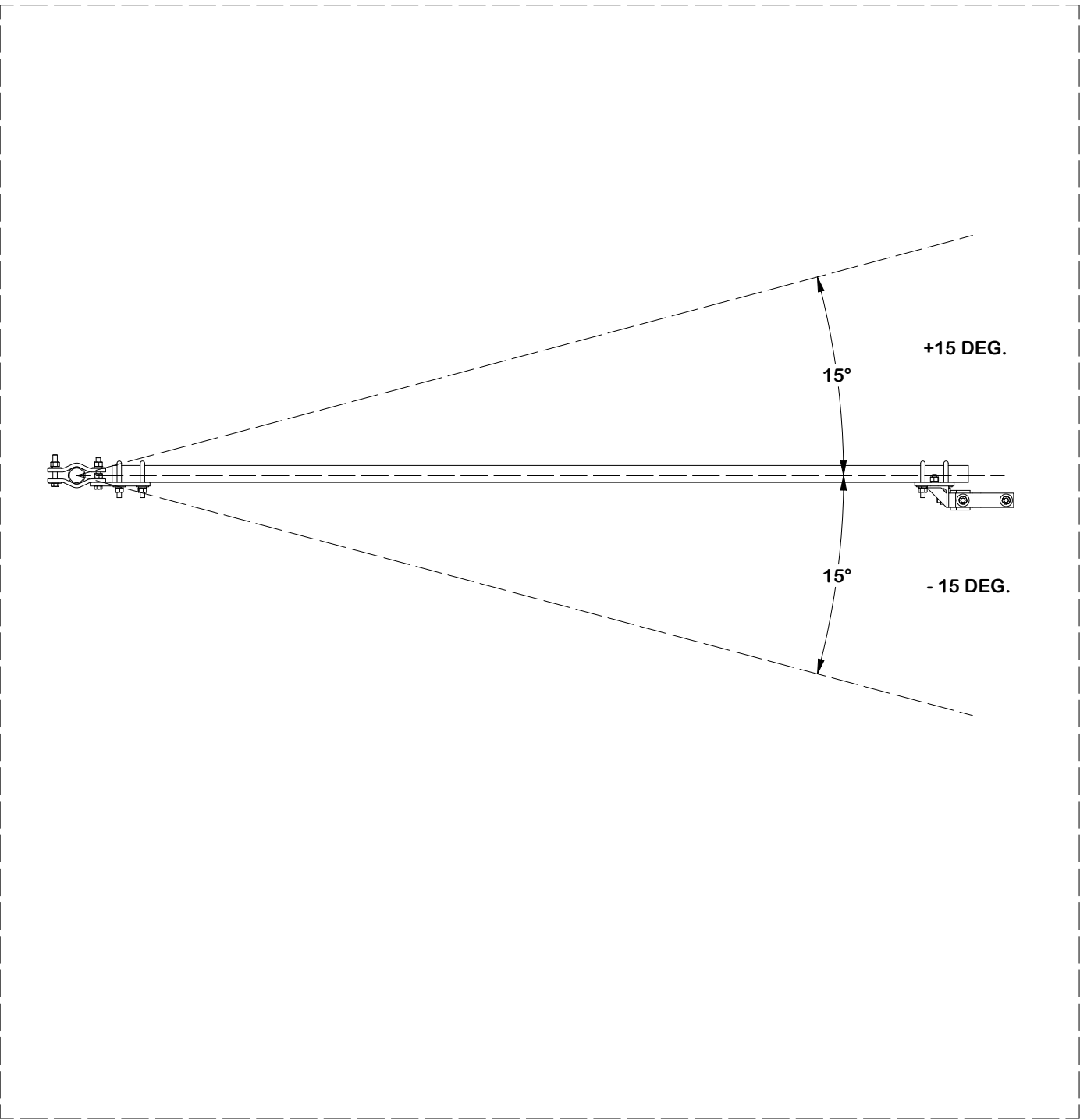


					TOLERANCE NOTES	TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE: SAWED, SHEARED AND GAS CUT EDGES ($\pm 0.030''$) DRILLED AND GAS CUT HOLES ($\pm 0.030''$) - NO CONING OF HOLES LASER CUT EDGES AND HOLES ($\pm 0.010''$) - NO CONING OF HOLES BENDS ARE $\pm 1/2$ DEGREE ALL OTHER MACHINING ($\pm 0.030''$) ALL OTHER ASSEMBLY ($\pm 0.060''$)				DESCRIPTION HEAVY S1-14-4 14' NOMINAL SECTOR FRAME W/ 4 MAST PIPES NO LEG BRACKETS				SITE PRO 1 Engineering Support Team: 1-888-753-7446 A valmont  COMPANY Locations: New York, NY Atlanta, GA Los Angeles, CA Plymouth, IN Salem, OR Dallas, TX								
A	REVISED DRAWING & UPDATED X-SPTB TO X-SPTB-U				SP1	ADB	8/8/2024		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 ADB 8/19/2025		ENG. APPROVAL 8/19/2025		PART NO. SPTB		6 OF 12 PAGE	
REV	DESCRIPTION OF REVISIONS				CPD	BY	DATE						CLASS 87	SUB 02	DRAWING USAGE CUSTOMER		CHECKED BY JET 8/19/2025		DWG. NO. VNB14-XD-A4			
REVISION HISTORY																						

RECOMMENDED HORIZONTAL ADJUSTMENT



RECOMMENDED VERTICAL ADJUSTMENT



TOLERANCE NOTES

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PATENT INFORMATION: WWW.SITEPRO1.COM/PATENTS

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DESCRIPTION
HEAVY S1-14-4
14' NOMINAL SECTOR FRAME
W/ 4 MAST PIPES NO LEG BRACKETS

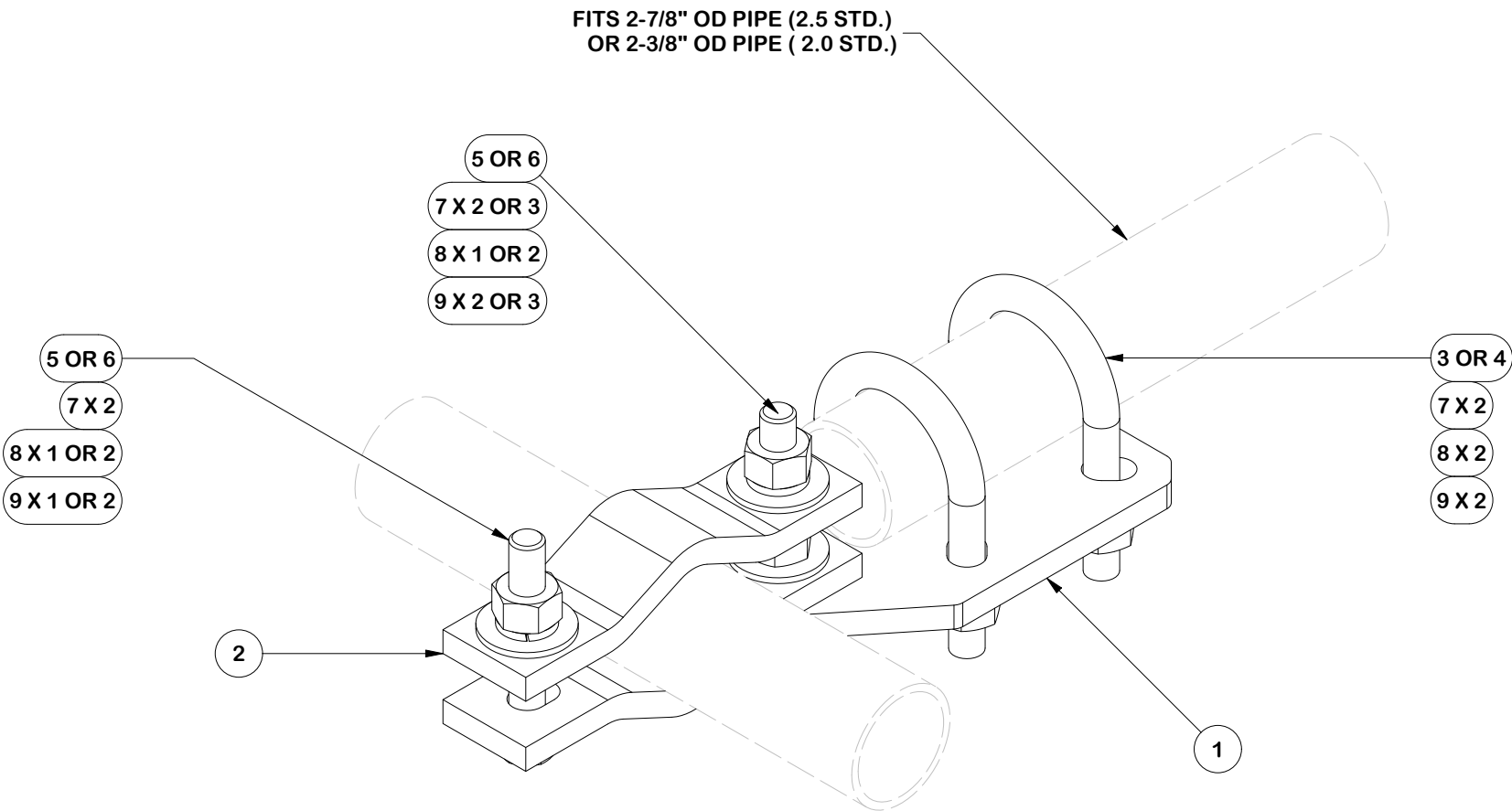
CPD NO. SP1		DRAWN BY ADB 8/19/2025	ENG. APPROVAL 8/19/2025
CLASS 87	SUB 02	DRAWING USAGE CUSTOMER	CHECKED BY JET 8/19/2025



Engineering
Support Team:
sp1engineering@valmont.com

PART NO. SPTB
DWG. NO. VNB14-XD-A4

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	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



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DESCRIPTION

HEAVY S1-14-4
14' NOMINAL SECTOR FRAME
W/ 4 MAST PIPES NO LEG BRACKETS

CPD NO.

SP1

DRAWN BY

ADB 8/19/2025

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8/19/2025

CLASS

87

SUB

02

DRAWING USAGE

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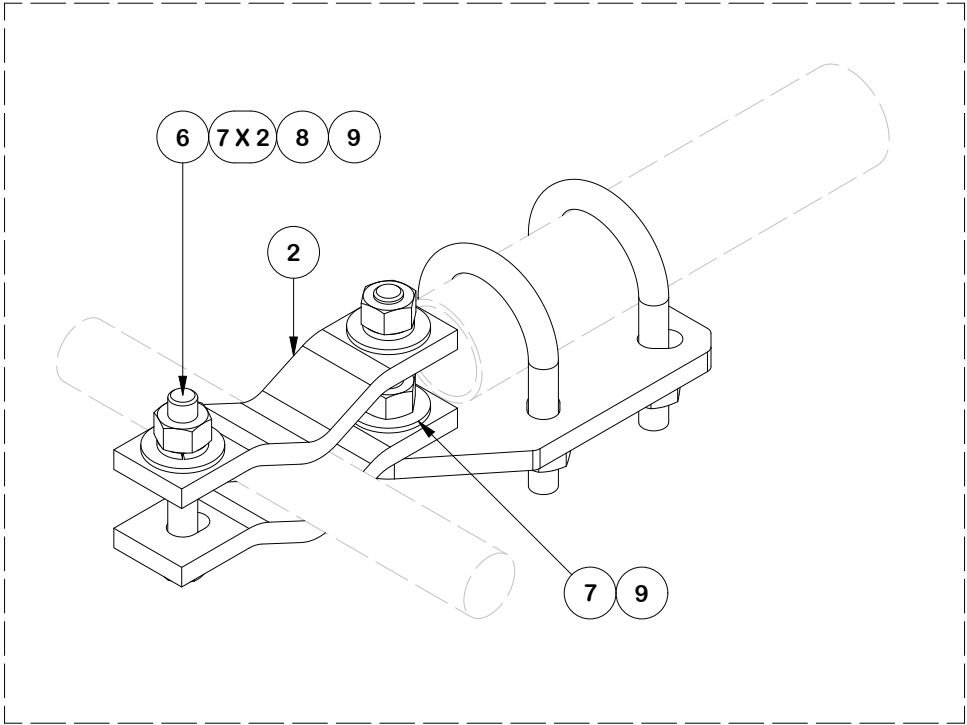
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SPTB-U-F

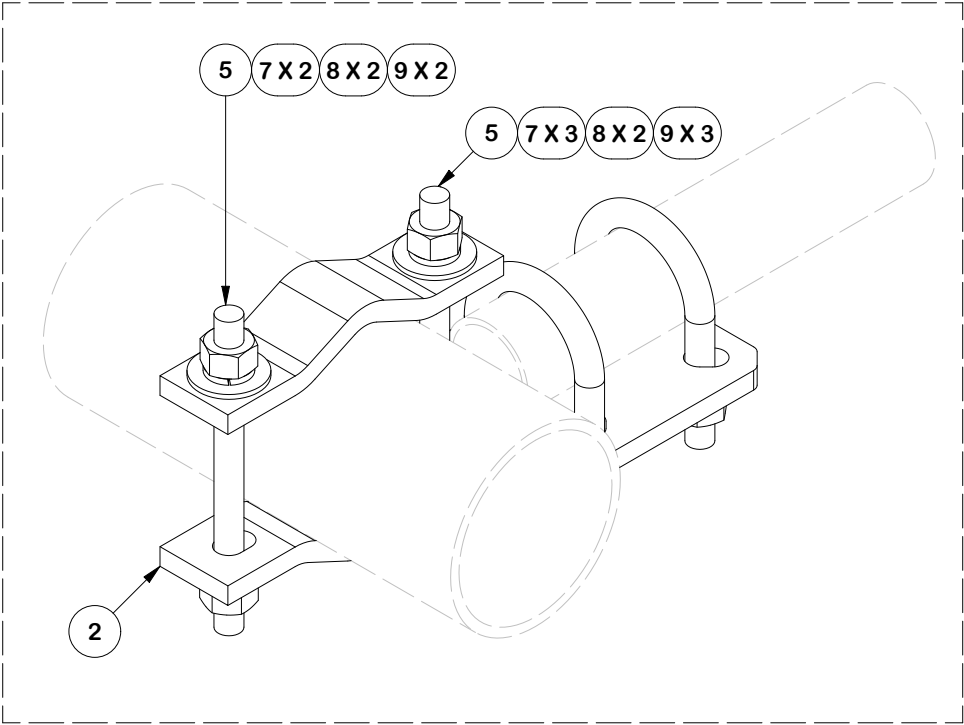
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VNB14-XD-A4

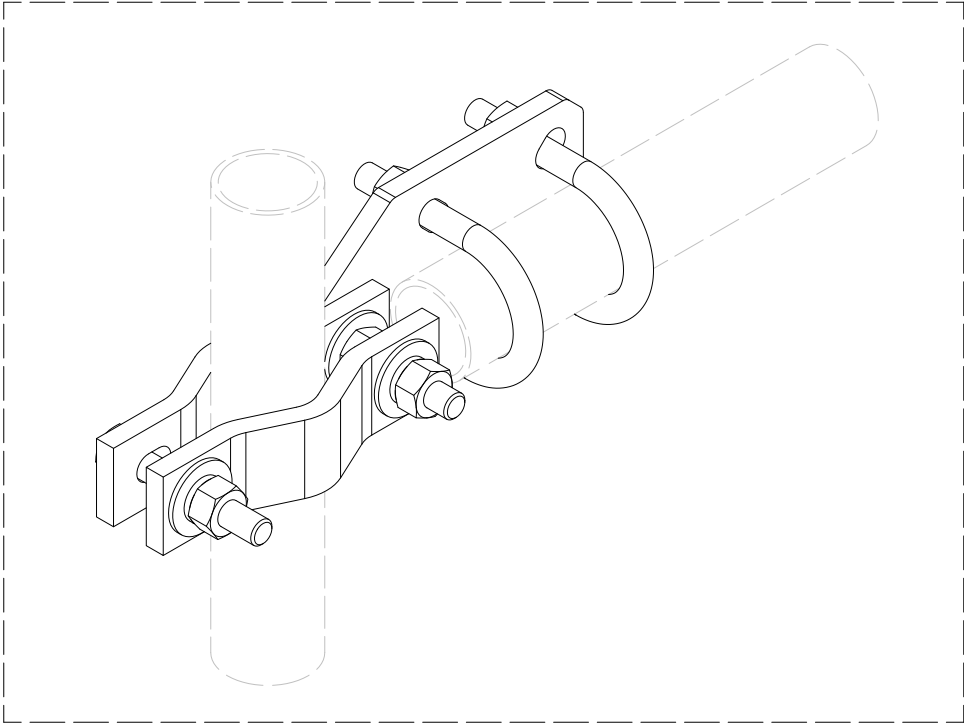
FRONT FACE CONFIGURATIONS



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

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CPD NO.
SP1

DRAWN BY
ADB 8/19/2025

ENG. APPROVAL
8/19/2025

CLASS
87

SUB
02

DRAWING USAGE
CUSTOMER

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Support Team:
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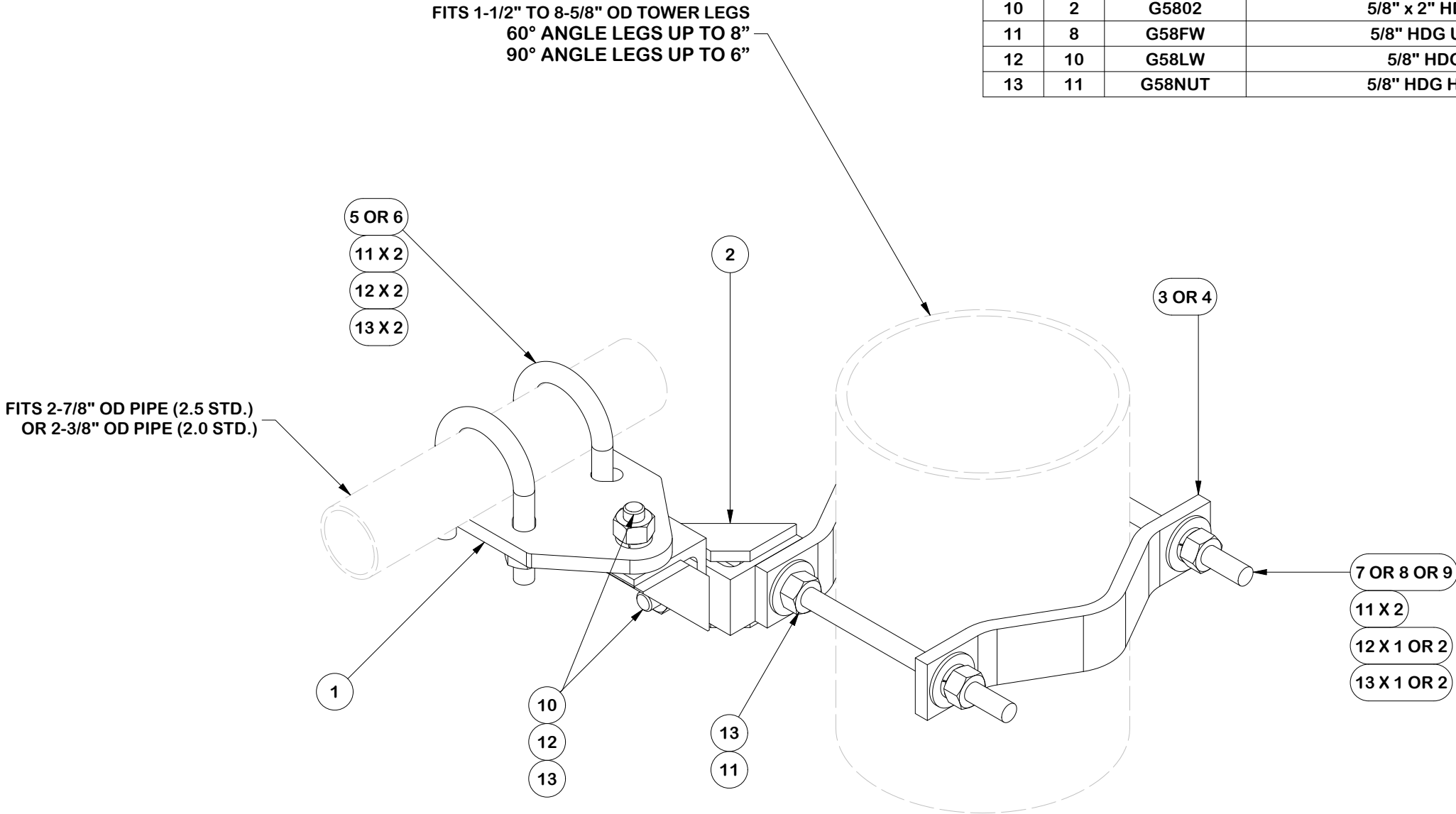
PART NO.

SPTB-U-F

DWG. NO.

VNB14-XD-A4

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" CNTR 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		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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DESCRIPTION
HEAVY S1-14-4
14' NOMINAL SECTOR FRAME
W/ 4 MAST PIPES NO LEG BRACKETS

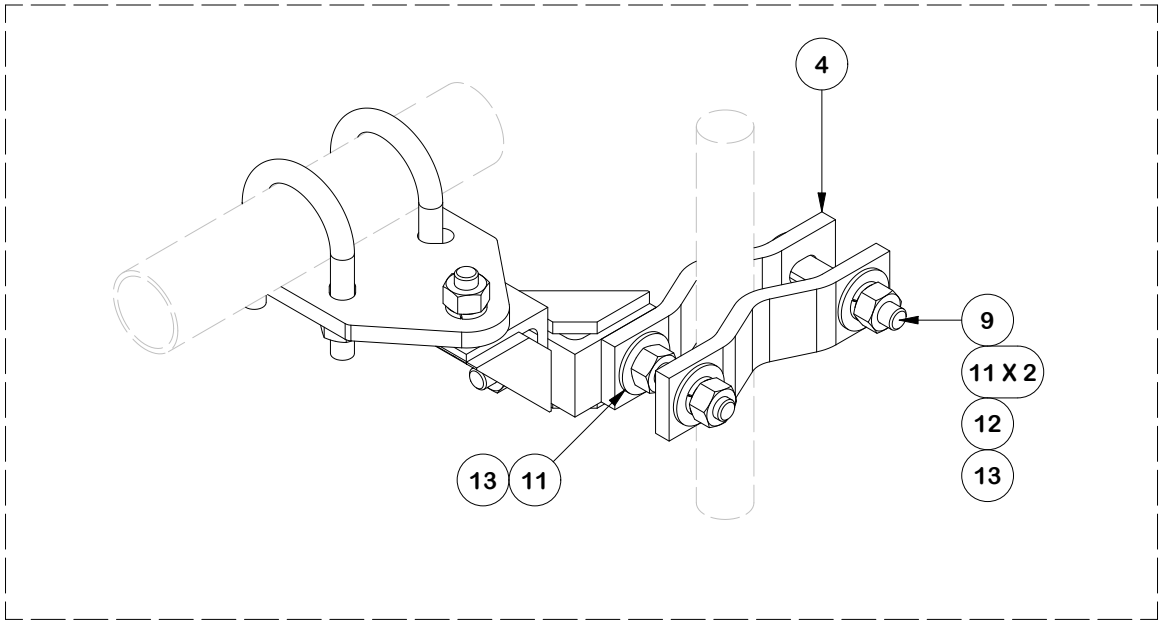
CPD NO. SP1		DRAWN BY ADB 8/19/2025		ENG. APPROVAL 8/19/2025	
CLASS 87	SUB 02	DRAWING USAGE CUSTOMER		CHECKED BY JET 8/19/2025	



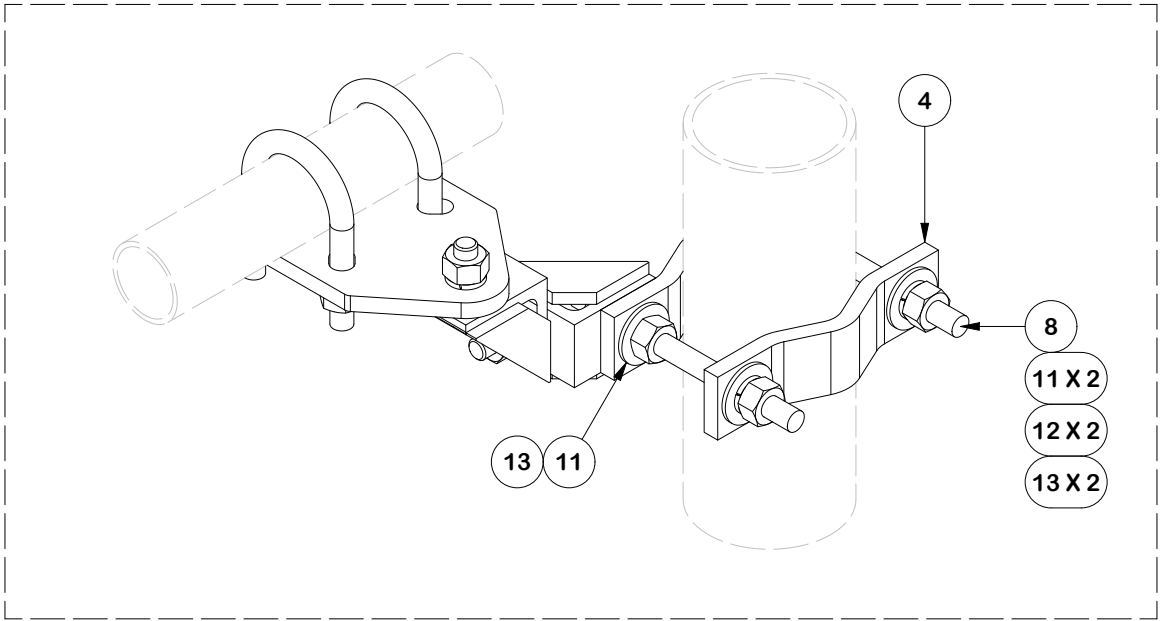
Engineering
Support Team:
sp1engineering@valmont.com

PART NO. SPTB-U-B	10 OF 12 PAGE
DWG. NO. VNB14-XD-A4	

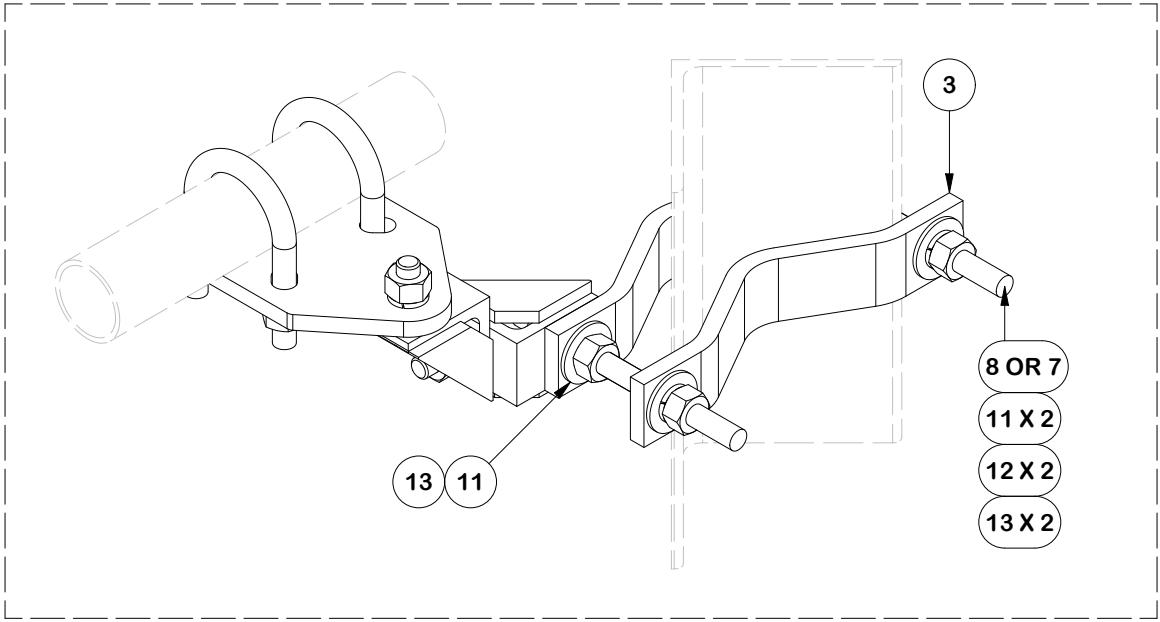
TOWER LEG CONFIGURATIONS



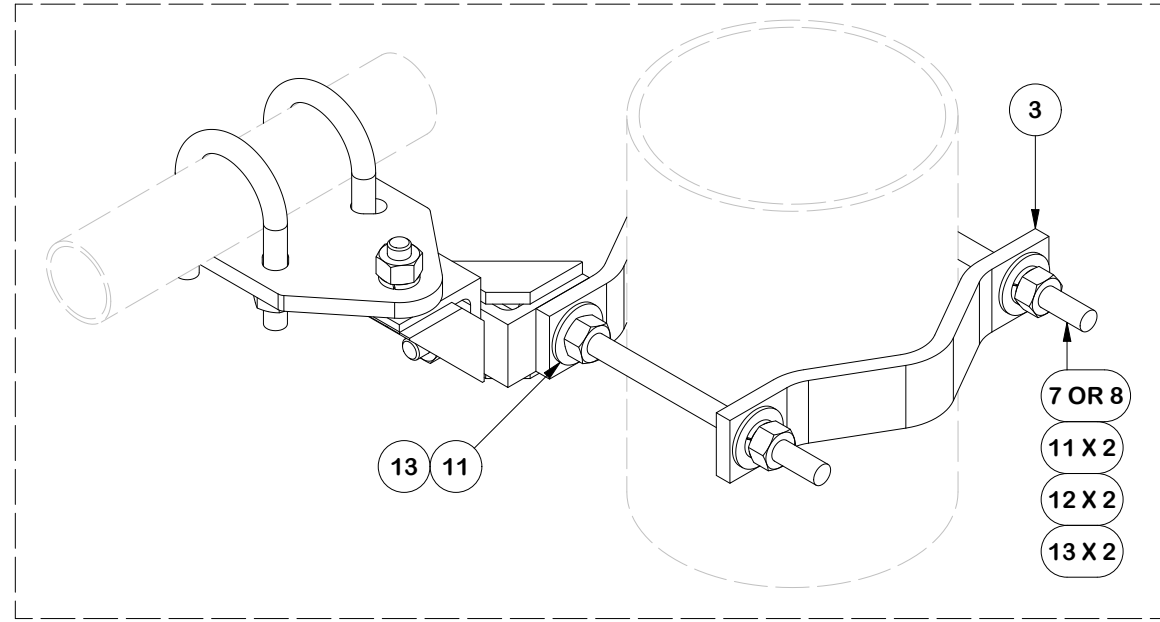
SMALL LEGS 1-1/2" TO 2-3/8"
NOTE: FLIP HALF BACK CLAMP



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:
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

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
HEAVY S1-14-4
14' NOMINAL SECTOR FRAME
W/ 4 MAST PIPES NO LEG BRACKETS

CPD NO. SP1		DRAWN BY ADB 8/19/2025		ENG. APPROVAL 8/19/2025	
CLASS 87	SUB 02	DRAWING USAGE CUSTOMER		CHECKED BY JET 8/19/2025	

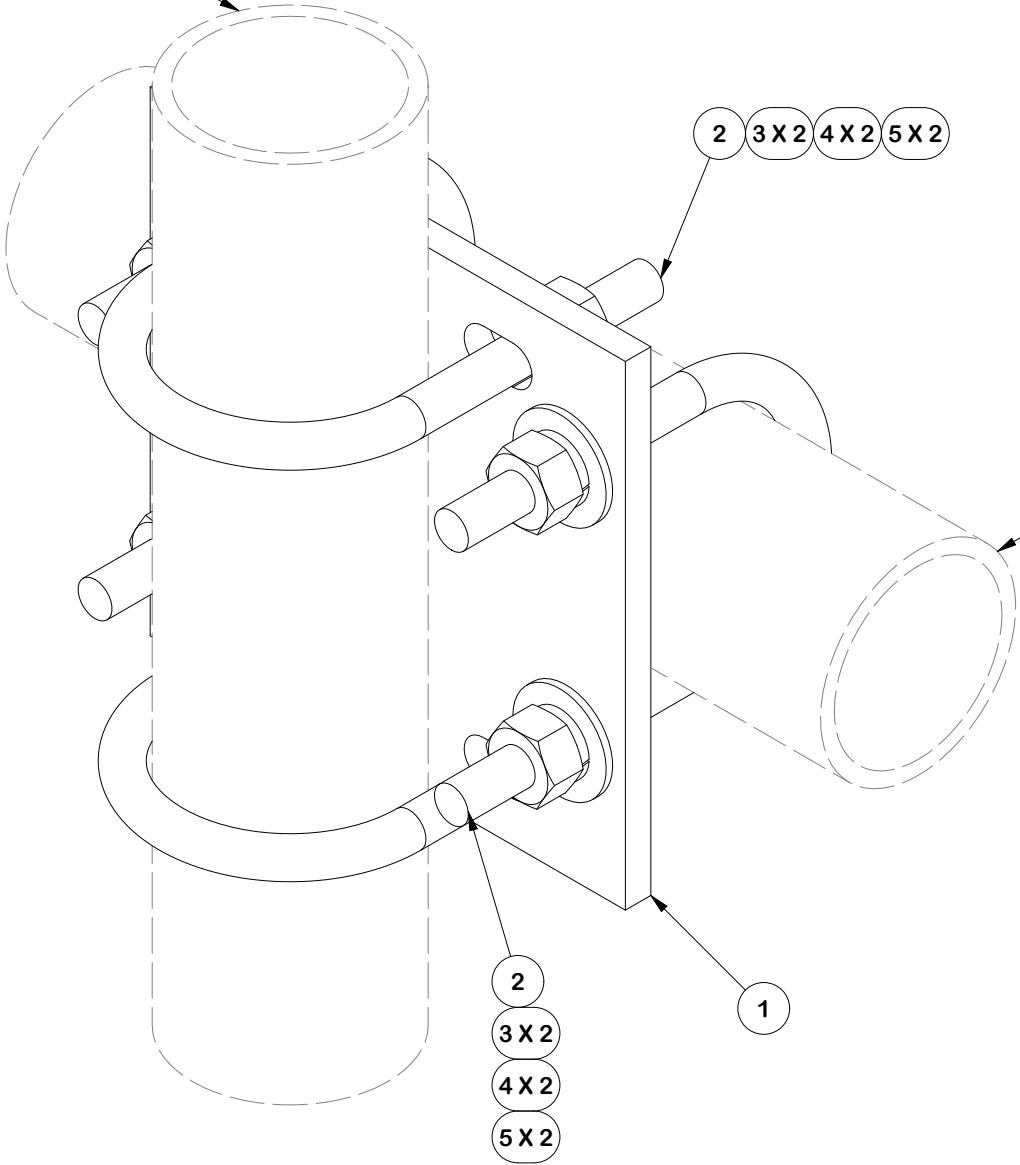


Engineering
Support Team:
sp1engineering@valmont.com

PART NO. SPTB-U-B	PAGE 11 OF 12
DWG. NO. VNB14-XD-A4	

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	4	X-UB1300	1/2 X 3" X 5" X 2" U-BOLT	5 in	0.74	2.95
3	8	G12NUT	1/2" HDG HEAVY 2H HEX NUT	7/8 in	0.07	0.57
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
					TOTAL WT. #	8.40

2-7/8" O.D. ANTENNA PIPE
(ORDERED SEPARATELY)



2-7/8" O.D. ANTENNA PIPE
(ORDERED SEPARATELY)

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 ($\pm 0.060"$)

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SITE
PRO

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A valmont COMPANY

Engineering
Support Team:
1-888-753-7446

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

PART NO. SCX23-K
DWG. NO. VNB14-XD-A4