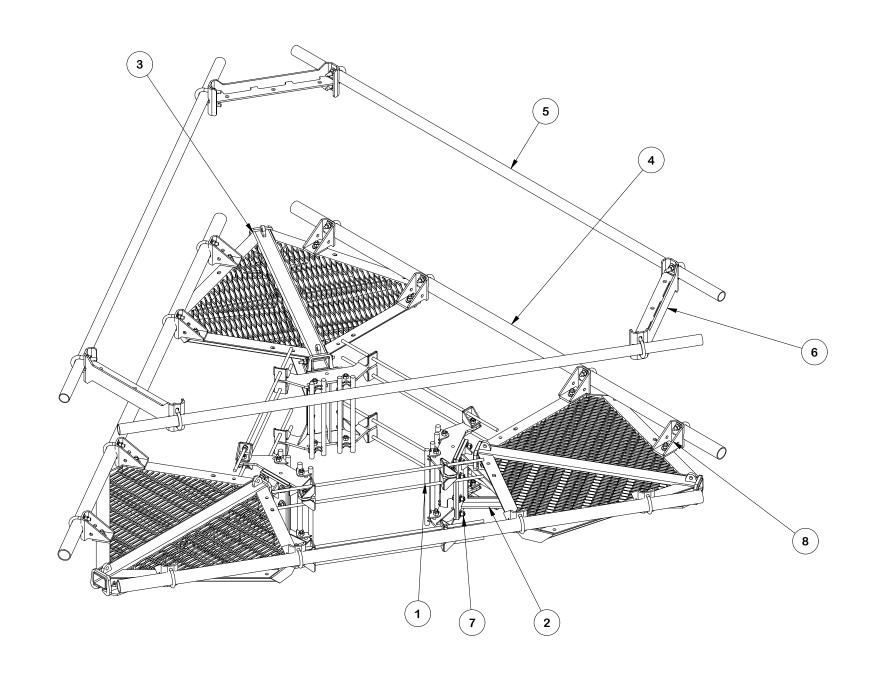
	PARTS LIST								
ITEM	QTY	UNIT WT.	NET WT.						
1	1	FLX3-HD		FLEXIBLE RING MOUNT 3-SIDED HEAVY DUTY ASSEMBLY		378.00	378.00		
2	3	X-LPP-SA10		TRUSS ARM WELDMENT FOR 8' AND 10' LOW PROFILE PLATFORMS		99.32	297.97		
3	3 3 X-LPP-CW LOW PROFILE PLATFORM CORNER WELDME					198.75	596.26		
4	3	P30132		2-7/8" X 132" (2-1/2" SCH. 40) GALVANIZED PIPE	132 in	67.70	203.11		
5	3	P2132		2-3/8" X 132" (2" SCH. 40) GALVANIZED PIPE (A53 Gr.B Fy=35 ksi min.)	126 in	40.75	122.26		
6	3	F3HR	P-F3HR	THREE SIDED CORNER WELDMENT KIT		33.18	99.53		
7	3	LPPSA-HW	P-LPPSA-HW	TRUSS ARM CONNECTION HARDWARE		4.14	12.43		
8	3	FCWHW	P-FCWHW	FORTRESS CORNER WELDMENT HARDWARE KIT		42.70	128.10		
						TOTAL WT. #	1837.66		



FINISH: HOT DIP GALVANIZED.

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.

10' FLEX FORTRESS™ TRI-PLATFORM MOUNT

WITH SUPPORT RAIL (NO PIPE/HARDWARE)



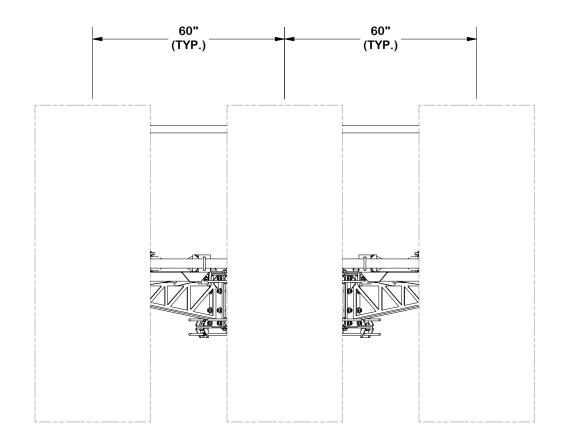
Engineering Support Team: sp1engineering@valmont.com

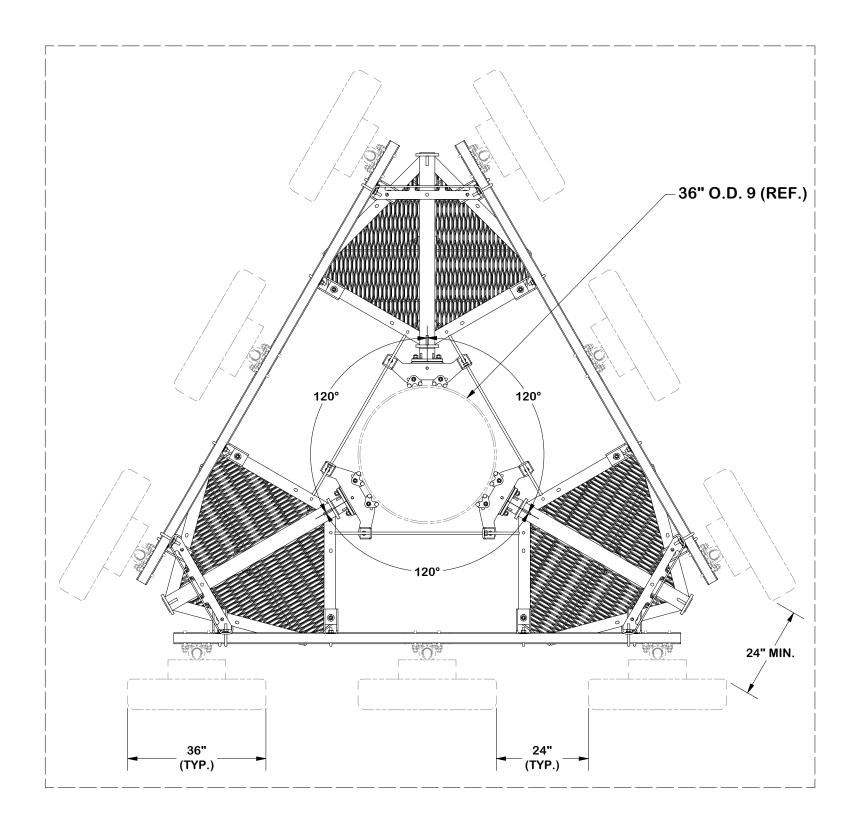
PAGE OF 12

	CPD N	0.	DRAWN B	Υ	ENG. APF	PROVAL	PA
	SF	21	NSP	1/16/2025		1/16/2025	
NT	CLASS	SUB	DRAWING	USAGE	CHECKE	D BY	D۷
: :	87	02	CU	STOMER	JET	1/16/2025	

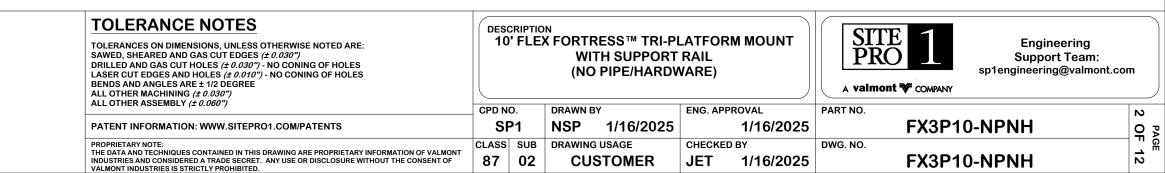
FX3P10-NPNH WG. NO. FX3P10-NPNH

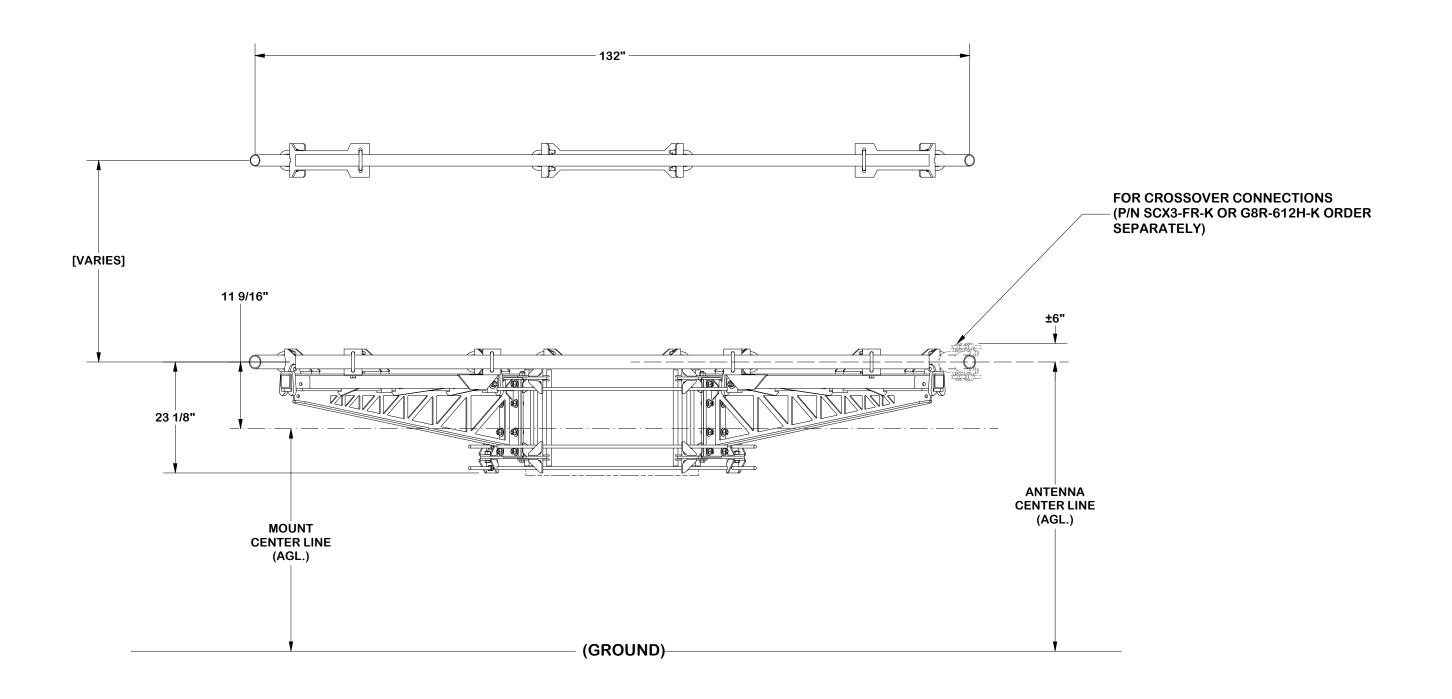
3 ANTENNA FORTRESS LAYOUT



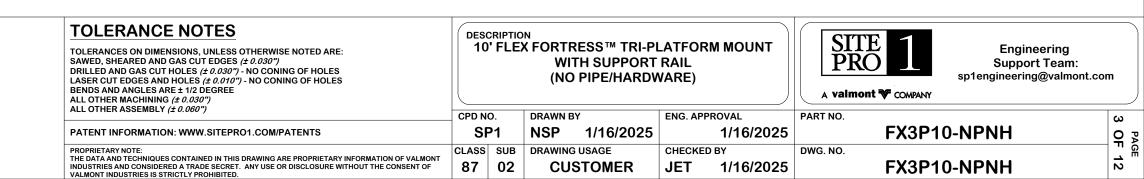


SEPARATION GUIDELINE





MOUNTING GUIDELINE



CUSTOMER

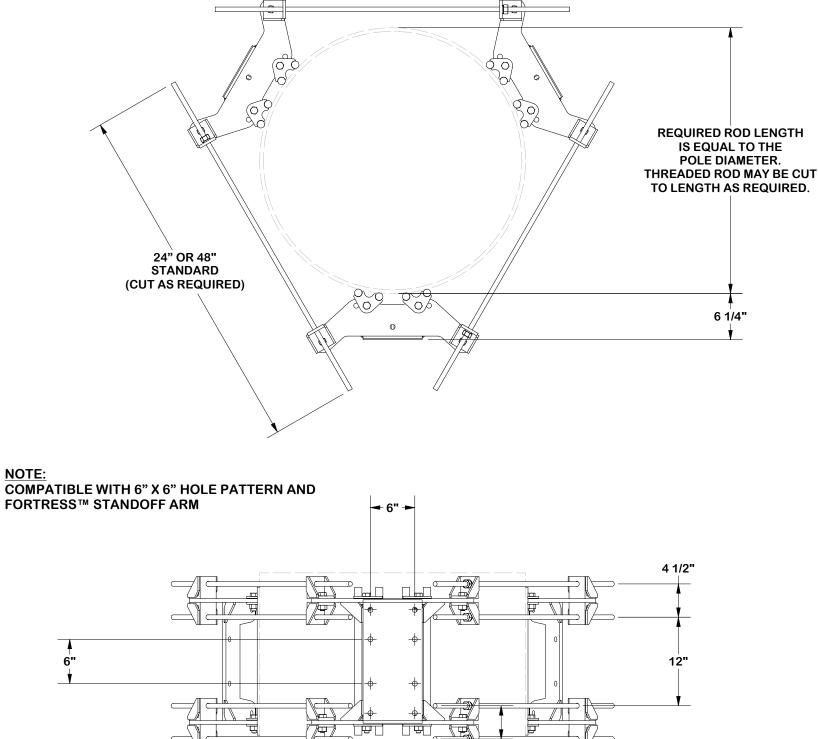
1/16/2025

JET

FX3P10-NPNH

02

PARTS LIST HEAVY STAMP ITEM QTY PART NO. BOX NO. PART DESCRIPTION UNIT WT. NET WT. PART NUMBER P-FLX-HDSS FLEXIBLE RING MOUNT HEAVY-DUTY SINGLE SECTOR ASSEMBLY FLX-HDSS 98.32 294.97 FLEXIBLE RING MOUNT HARWARE KIT 3 HDRM-HW P-HDRM-HW 27.68 83.03 TOTAL WT. # 378.00



12" TO 44" DIAMETER MONOPOLE

FINISH: HOT DIP GALVANIZED.

TOLERANCE NOTES

4 1/2"

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")

10' FLEX FORTRESS™ TRI-PLATFORM MOUNT WITH SUPPORT RAIL (NO PIPE/HARDWARE)

ENG. APPROVAL

Engineering Support Team: sp1engineering@valmont.com

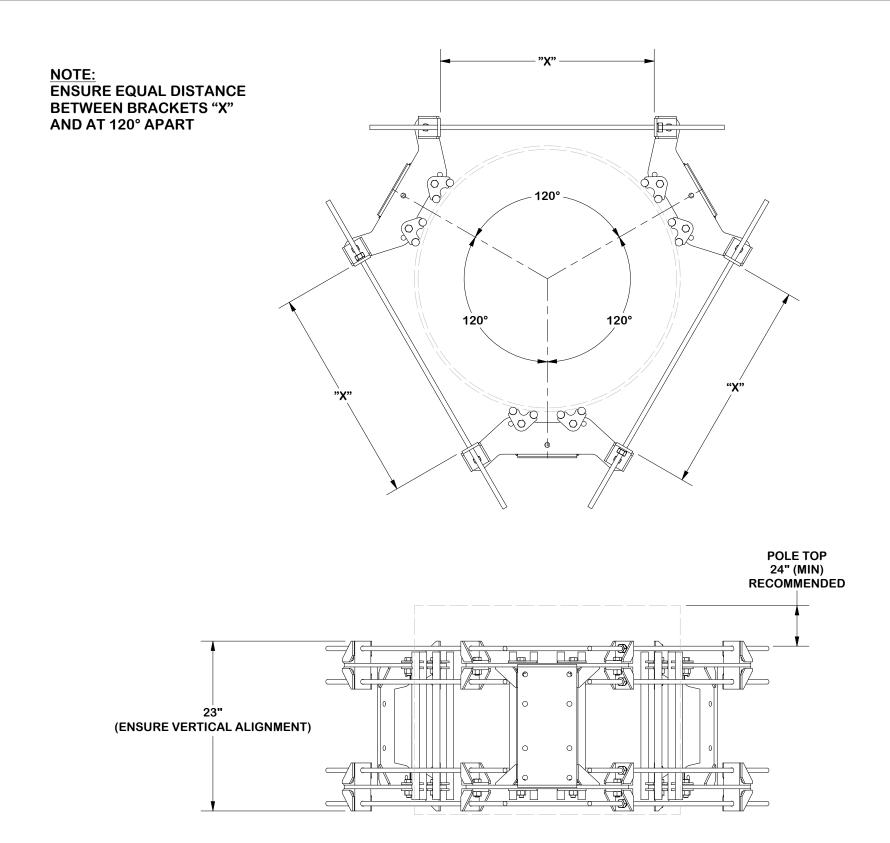
Α	CHANGED KITS	SP1	NSP	12/12/2024
REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
	REVISION HISTORY			

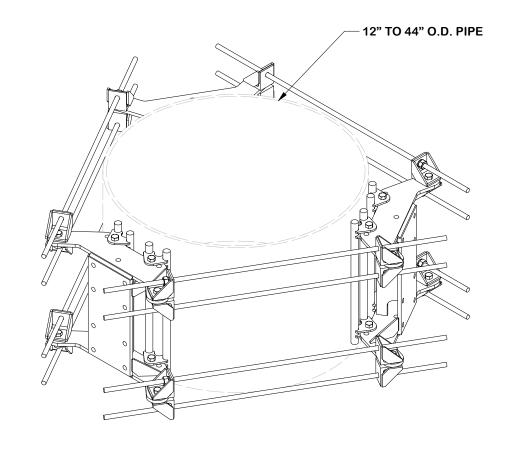
PATENT INFORMATION: WWW.SITEPRO1.COM/PATENTS
PROPRIETARY NOTE: THE DATA AND TECHNIQUES CONTAINED IN THIS DRAWING ARE PROPRIETARY INFORMATION OF VALMO INDUSTRIES AND CONSIDERED A TRADE SECRET. ANY USE OR DISCLOSURE WITHOUT THE CONSENT OF VALMONT INDUSTRIES IS STRICTLY PROHIBITED.

SF	21	NSP	1/16/2025		1/
CLASS	SUB	DRAWING	USAGE	CHECKE	D BY
87	02	CU	STOMER	JET	1/

DRAWN BY

ROVAL	PART NO.		Ī
1/16/2025		FLX3-HD	
BY	DWG. NO.		
1/16/2025		FX3P10-NPNH	





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")

SP1 | NSP | 12/12/2024 | 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.

10' FLEX FORTRESS™ TRI-PLATFORM MOUNT WITH SUPPORT RAIL (NO PIPE/HARDWARE)



Engineering Support Team: sp1engineering@valmont.com

CPD NO.		DRAWN BY		ENG. APPROVAL		PAF
SP1		NSP 1/16/2025		1/16/2025		
CLASS	SUB	DRAWING	USAGE	CHECKE	D BY	DW
87	02	CUS	STOMER	JET	1/16/2025	

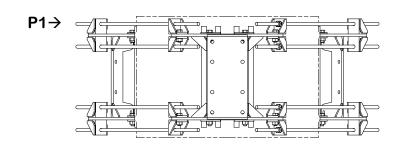
PART NO	Г
TANK NO.	
בו עס וום	
FLX3-FID	
12/01/12	
DWC NO	
DWG. NO.	
EVOD 40 AIDAU 1	
EX3D10-NDNH	
1 701 10-141 1411	
	PART NO. FLX3-HD DWG. NO. FX3P10-NPNH

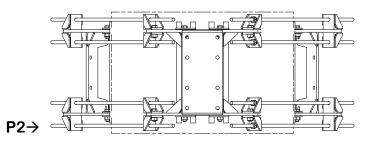
CHANGED KITS REV **DESCRIPTION OF REVISIONS**

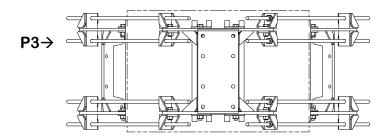
CPD BY **REVISION HISTORY**

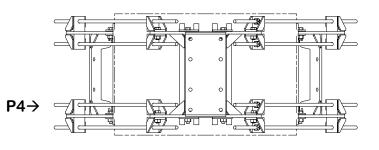
DATE

INSTALL ORDER

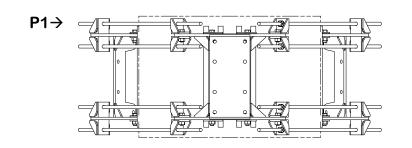


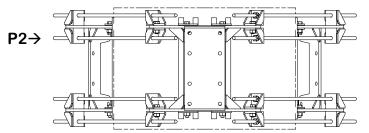


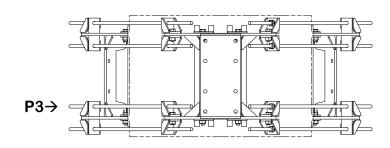


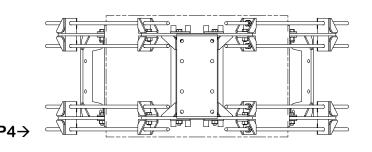


INITIAL TIGHTENING

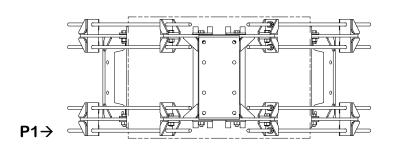


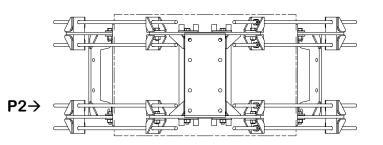


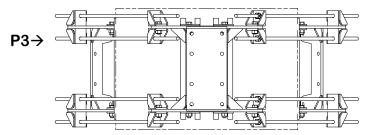


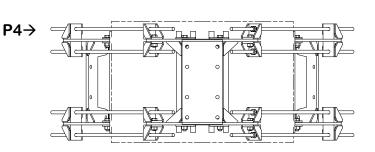


FINAL TIGHTENING









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

(NO PIPE/HARDWARE) CPD NO. DRAWN BY ENG. APPROVAL SP1 1/16/2025 NSP CLASS SUB

10' FLEX FORTRESS™ TRI-PLATFORM MOUNT

WITH SUPPORT RAIL



CHANGED KITS SP1 NSP 12/12/2024 REV CPD BY **DESCRIPTION OF REVISIONS** DATE **REVISION HISTORY**

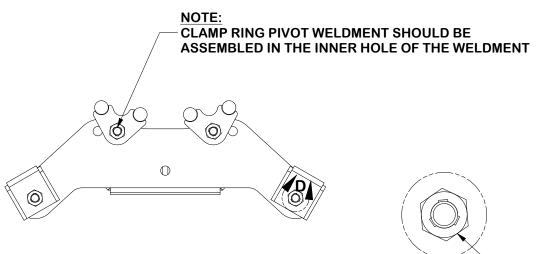
PROPRIETARY NOTE:
THE DATA AND TECHNIQUES CONTAINED IN THIS DRAWING ARE PROPRIETARY INFORMATION OF VALMONT INDUSTRIES AND CONSIDERED A TRADE SECRET. ANY USE OR DISCLOSURE WITHOUT THE CONSENT OF VALMONT INDUSTRIES IS STRICTLY PROHIBITED.

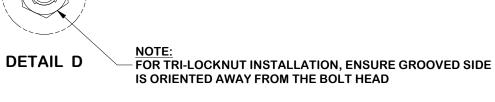
1/16/2025 DRAWING USAGE **CHECKED BY** 02 **CUSTOMER JET** 1/16/2025

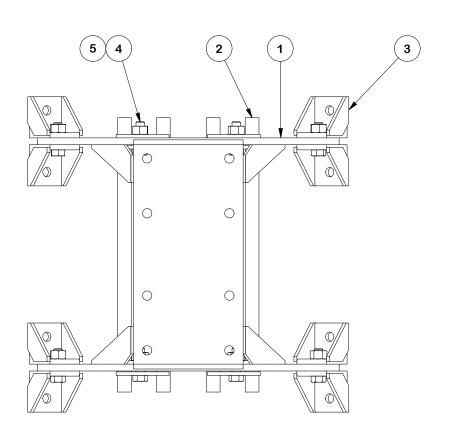
FLX3-HD DWG. NO. FX3P10-NPNH

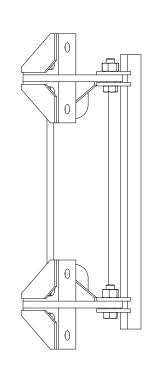
QF

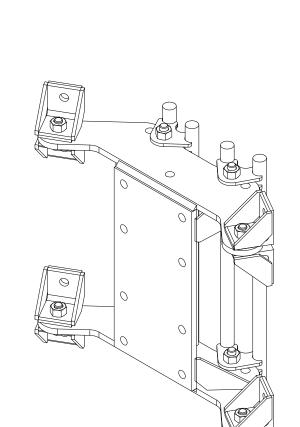
12











PARTS LIST

PART DESCRIPTION

HEAVY FLEXIBLE RING MOUNT

20" CLAMP RING PIVOT WELDMENT

ANGLE ON WELDMENT

5/8" x 2" HDG HEX BOLT GR5

5/8" HDG HEAVY 2H TRI-LOCK NUT

UNIT WT.

55.25

11.12

2.20

0.27

0.14

TOTAL WT. #

NET WT.

55.25

22.25

17.57

2.16

1.10

98.32

<u>FINISH:</u> HOT DIP GALVANIZED.

	TOLERANCE NOTES
	TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE: SAWED, SHEARED AND GAS CUT EDGES (\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
	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
10' FLEX FORTRESS™ TRI-PLATFORM MOUNT
WITH SUPPORT RAIL
(NO PIPE/HARDWARE)

ITEM QTY

2

3

4

5

1

2

8

8

8

PART NO.

X-CR-HDW

X-CR-PW20

X-CR-AGW

G5802

G58TRI-LNUT

SITE PRO 1

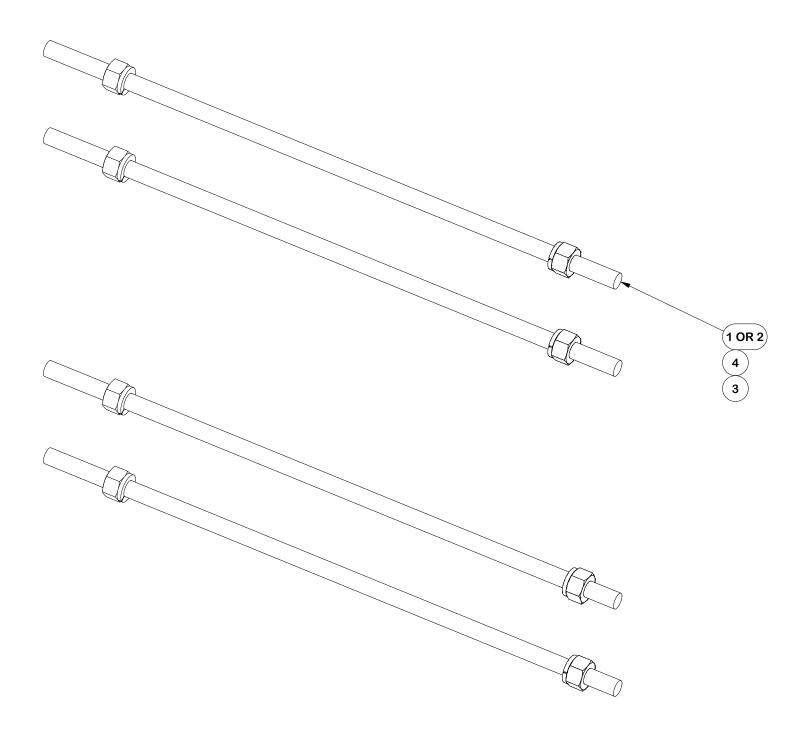
Engineering Support Team: sp1engineering@valmont.com

OF 12

	CPD N	0.	DRAWN BY	Y	ENG. APP	ROVAL	PART
	SF	21	NSP	1/16/2025		1/16/2025	
NT	CLASS	SUB	DRAWING	USAGE	CHECKE) BY	DWG.
: :	87	02	CUS	STOMER	JET	1/16/2025	

_			
	PART NO.		
25		FLX-HDSS	
	DWG. NO.		
25		FX3P10-NPNH	

PARTS LIST										
ITEM	QTY	PART NO.	PART DESCRIPTION	UNIT WT.	NET WT.					
1	4	G58R-48	5/8" X 48" GALV THREADED ROD	4.39	17.56					
2	4	G58R-24	5/8" X 24" THREADED ROD (HDG.)	2.22	8.87					
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. #	28.30					



<u>FINISH:</u> HOT DIP GALVANIZED.

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 10' FLEX FORTRESS™ TRI-PLATFORM MOUNT

WITH SUPPORT RAIL
(NO PIPE/HARDWARE)



Engineering Support Team: sp1engineering@valmont.com

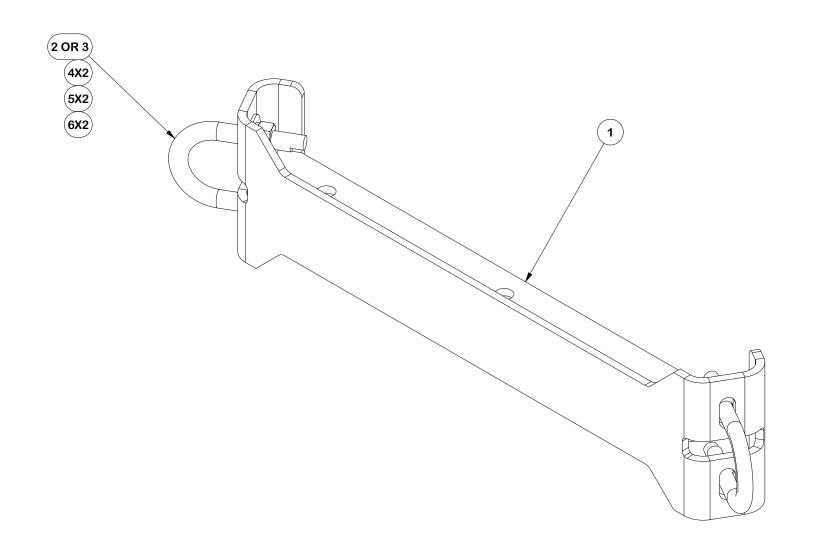
ω

9 8

12

CPD NO.		DRAWN BY		ENG. APPROVAL		PART NO.	
SF	21	NSP 1/16/2025		1/16/2025			HDRM-HW
CLASS	SUB	DRAWING USAGE		CHECKED	BY	DWG. NO.	
87	02	CUS	STOMER	JET	1/16/2025		FX3P10-NPNH

	PARTS LIST										
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.					
1	1	X-F3PHRW	CORNER WELDMENT FOR 3-SIDED FORTRESS PLATFORM HADNRAIL KITS		27.72	27.72					
2	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					
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	4	G58FW	5/8" HDG USS FLATWASHER	1/8 in	0.07	0.28					
5	4	G58LW	5/8" HDG LOCKWASHER		0.03	0.10					
6	4	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	0.52					
					TOTAL WT. #	33.18					



<u>FINISH:</u> 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

10' FLEX FORTRESS™ TRI-PLATFORM MOUNT

WITH SUPPORT RAIL

(NO PIPE/HARDWARE)



Engineering Support Team: sp1engineering@valmont.com

> PAGE OF 12

ALL OTTEN AGGLIGET (2 6,666)	CPE
PATENT INFORMATION: WWW.SITEPRO1.COM/PATENTS	
PROPRIETARY NOTE: THE DATA AND TECHNIQUES CONTAINED IN THIS DRAWING ARE PROPRIETARY INFORMATION OF VALMONT	CLA
INDUSTRIES AND CONSIDERED A TRADE SECRET. ANY USE OR DISCLOSURE WITHOUT THE CONSENT OF VALMONT INDUSTRIES IS STRICTLY PROHIBITED.	87

CPD NO.		DRAWN BY		ENG. APPROVAL		1
SP1		NSP	1/16/2025	5 1/16/20		
CLASS	SUB	DRAWING	USAGE	CHECKE	D BY	I
87	02	CUS	STOMER	JET	1/16/2025	

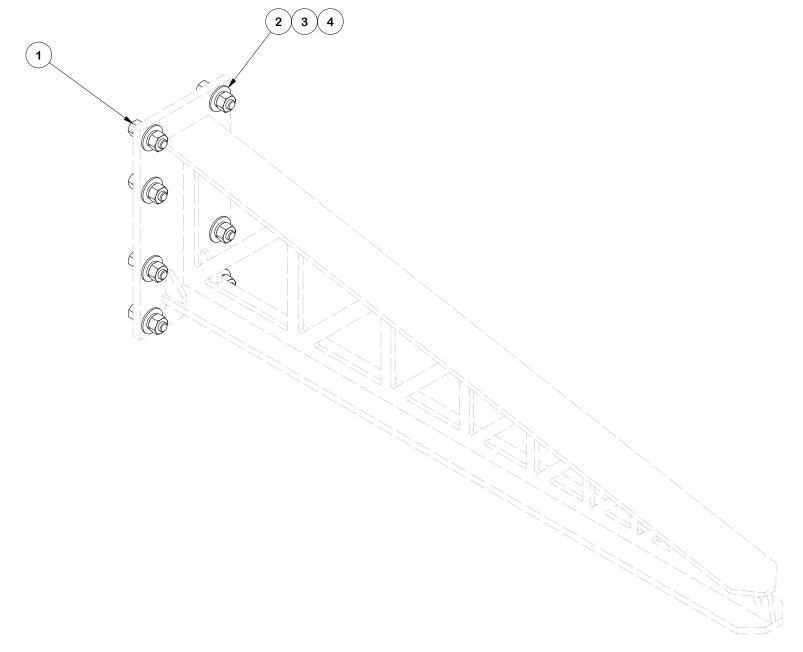
PART NO.

F3HR

DWG. NO.

FX3P10-NPNH

PARTS LIST									
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.			
1	8	G58214	5/8" x 2-1/4" HDG HEX BOLT GR5		0.29	2.33			
2	8	G58FW	5/8" HDG USS FLATWASHER	1/8 in	0.07	0.56			
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. #	4.14			



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

10' FLEX FORTRESS™ TRI-PLATFORM MOUNT
WITH SUPPORT RAIL
(NO PIPE/HARDWARE)



Engineering Support Team: sp1engineering@valmont.com

10

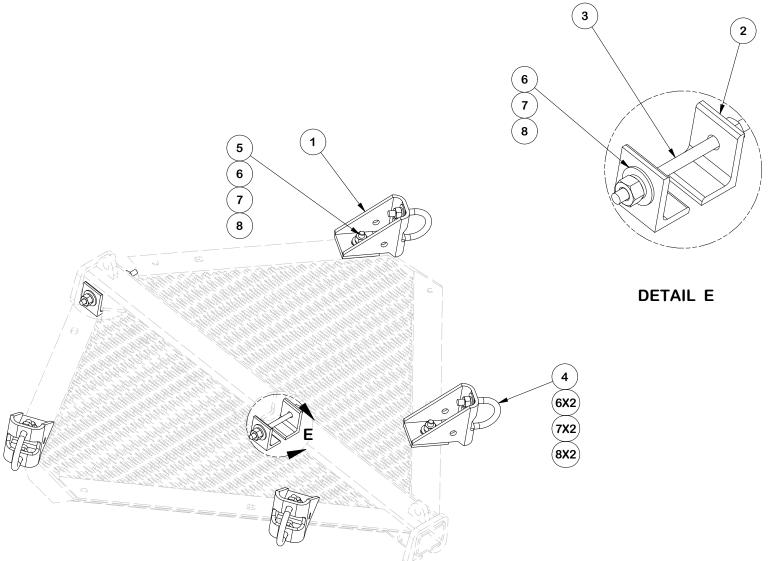
PAGE OF 12

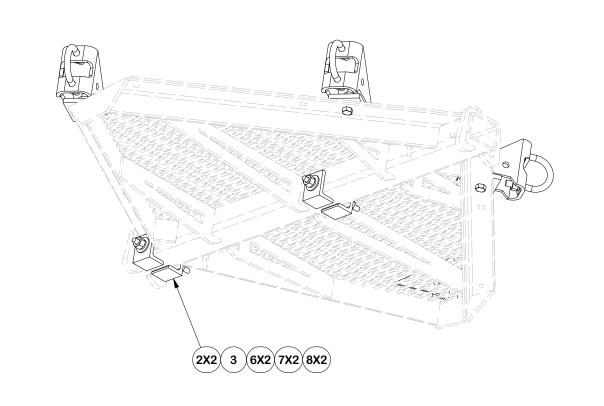
	CPD NO. SP1				ENG. APPROVAL 5 1/16/2025		PA	
	CLASS	SUB	DRAWING	USAGE	CHECKE	D BY	D۷	
NT	87	02	CU	STOMER	JET	1/16/2025		

LPPSA-HW
DWG. NO.

FX3P10-NPNH

	PARTS LIST										
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.					
1	4	X-LPP-PC	FACE PIPE CONNECTION BRACKET FORTRESS PLATFORM		7.01	28.04					
2	4	X-LPP-A7	CORNER WELDMENT ATTACHMENT ANGLE	2 1/2 in	1.27	5.08					
3	2	G12R-8	1/2" x 8" THREADED ROD (HDG.)		0.45	0.89					
4	4	X-UB5304	5/8" X 3" X 4-1/4" X 2-1/2" U-BOLT (HDG.)		0.98	3.90					
5	4	G58214	5/8" x 2-1/4" HDG HEX BOLT GR5		0.29	1.17					
6	16	G58FW	5/8" HDG USS FLATWASHER	1/8 in	0.07	1.13					
7	16	G58LW	5/8" HDG LOCKWASHER		0.03	0.42					
8	16	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	2.08					
					TOTAL WT. #	42.70					





REPRESENTATION VIEW FOR 3-SIDED FORTRESS

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.

10' FLEX FORTRESS™ TRI-PLATFORM MOUNT
WITH SUPPORT RAIL
(NO PIPE/HARDWARE)

SITE 1

A valmont T COMPANY

Engineering Support Team: sp1engineering@valmont.com

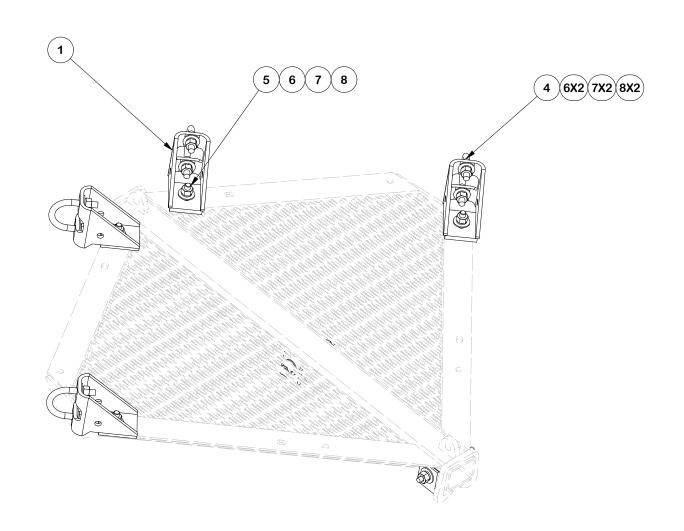
	CPD NO. SP1		DRAWN BY		ENG. APPROVAL		PA		
			SP1 NSI		NSP	1/16/2025	1/16/2025		
	CLASS	SUB	DRAWING	DRAWING USAGE		D BY	D۷		
NT	87 02		CU	STOMER	JFT	1/16/2025			

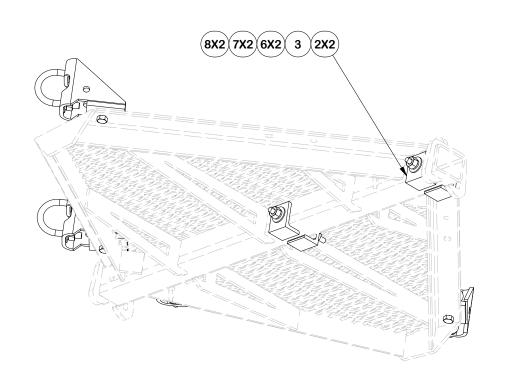
FCWHW

DWG. NO.

FX3P10-NPNH

NOTE: FOR 4-SIDED ASSEMBLY, ONLY POSITION OF FACE PIPE CONNECTION BRACKET CHANGES





REPRESENTATION VIEW FOR **4-SIDED FORTRESS**

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") CPD NO. SP1 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. CLASS SUB DRAWING USAGE 87

10' FLEX FORTRESS™ TRI-PLATFORM MOUNT WITH SUPPORT RAIL (NO PIPE/HARDWARE)

1/16/2025

CUSTOMER

DRAWN BY

NSP

02

ENG. APPROVAL

CHECKED BY

JET

A valmont T COMPANY

Engineering Support Team: sp1engineering@valmont.com

12

9

12

FCWHW 1/16/2025 DWG. NO. 1/16/2025 FX3P10-NPNH