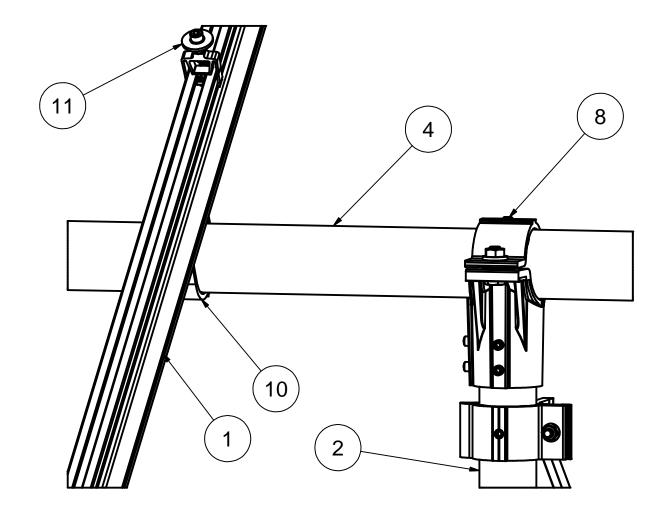
NOTES: UNLESS OTHERWISE SPECIFIED

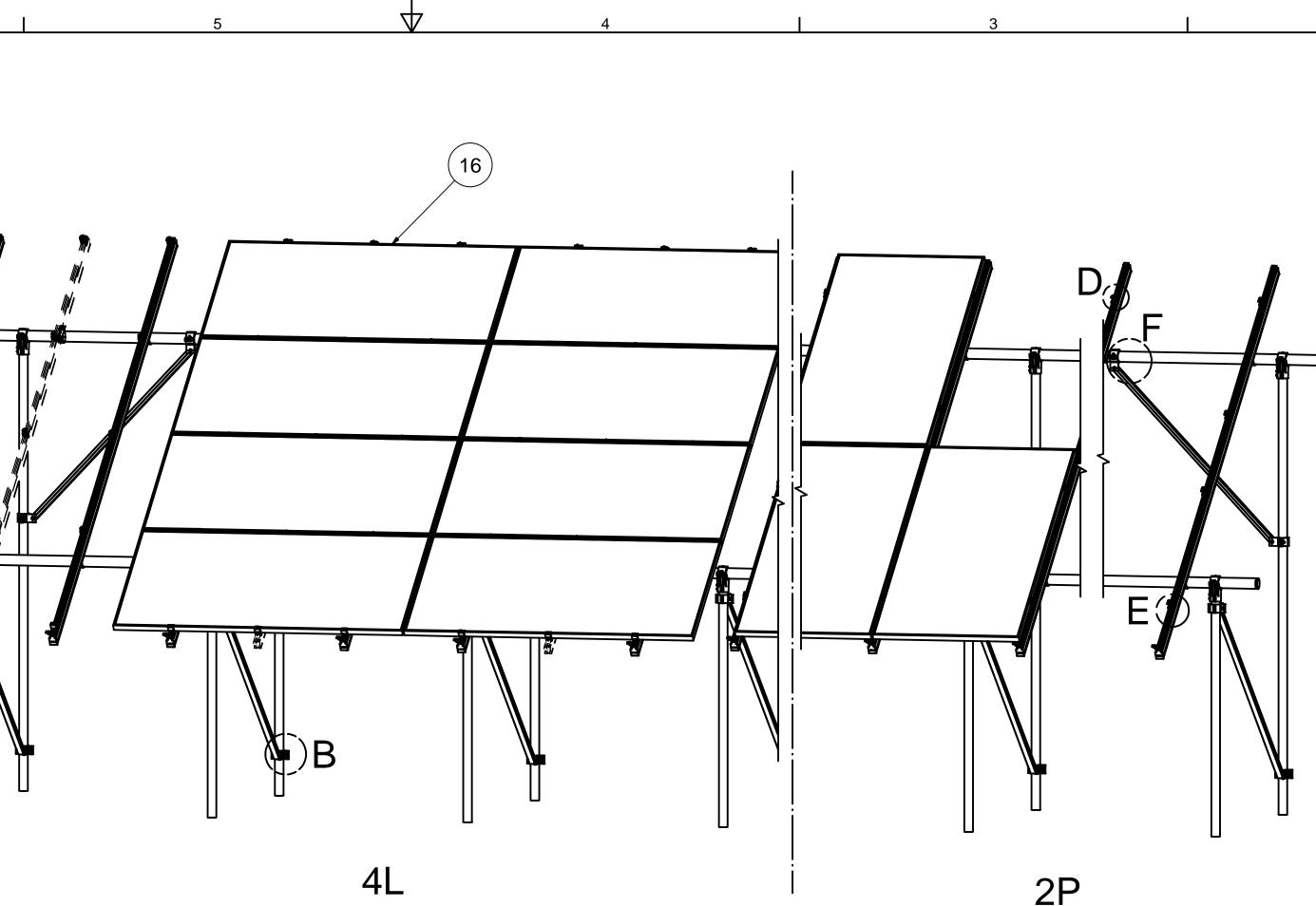
- 1. THIS DRAWING IS NOT FOR CONSTRUCTION UNTIL ENGINEERING HAS REVIEWED AND STAMPED THIS DOCUMENT.
- 2. DIMENSIONS SHOWN ARE INCHES.
- 3. THE SELF-BONDING SYSTEM AND SINGLE GROUND LUG IS FOR USE WITH PV MODULES THAT HAVE A MAXIMUM SERIES FUSE RATING OF 30A.
- 4. MATERIALS ARE AS SPECIFIED OR EQUIVALENT: HARDWARE: 304 STAINLESS STEEL FABRICATED EXTRUDED PARTS: 6005-T5 ALUMINUM ALLOY FABRICATED DIE CAST PARTS: ANSI/AA A380 ALUMINUM ALLOY STEEL PIPE: SCHEDULE 40 GALVANIZED ALUMINUM PIPE: SCHEDULE 10 ANODIZED
- 5. THE MAXIMUM PERMISSIBLE LENGTH OF ANY STRUCTURE SHALL BE 200 FT. FOR SYSTEMS USING A SHARED RAIL CONFIGURATION, A THERMAL BREAK IS REQUIRED IN THE RAIL EVERY 40 FT. PER THE DRAWING DETAILS.
- 6. SUNTURF SYSTEM CONFIGURATIONS: PANEL ARRANGEMENT: 4LXN, OR 2PXN. TILT ANGLE: 20 TO 35 DEG. FOUNDATION TYPE: GSM, AGM, BGM, OR PGM.
- 7. PANEL DIMENSIONS ARE AS FOLLOWS: STANDARD PANEL (SP): MAX AREA: 3444 in² LARGE FORMAT (LF): MAX AREA: 3825 in² PANEL FRAME HEIGHTS: 30mm TO 50mm.
- 8. FOUNDATION TYPES: GSM = GROUND SCREW GROUND MOUNT AGM = HELICAL AUGER GROUND MOUNT PGM = POST-IN-CONCRETE GROUND MOUNT BSM = BALLAST GROUND MOUNT
- 9. SEE LETTER PROVIDED BY VECTOR STRUCTURAL ENGINEERING, LLC FOR FOUNDATION DESIGN AND LOAD TESTING REQUIREMENTS.
- 10. FOR 4L CONFIGURATIONS WITH ALL THE FOLLOWING CONDTIONS:
 1) LESS THAN 35° TILT
 2) LF PANEL
- 3) SMR300 OR HR300 RAIL

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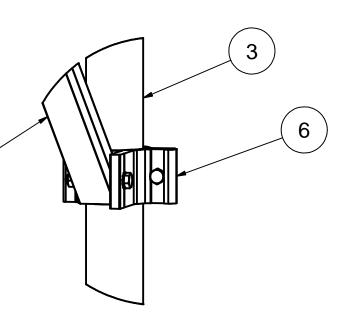
A THIRD RAIL IS REQUIRED PER PANEL.



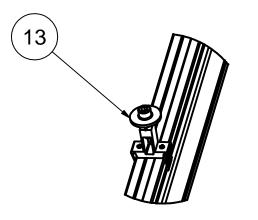
DETAIL A



2-IN-PROTRAIT



4-IN-LANDSCAPE



DETAIL B

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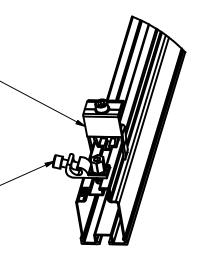
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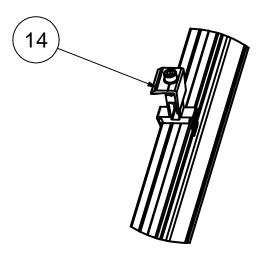
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DETAIL D

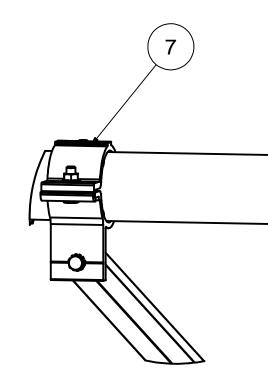


DETAIL C



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DETAIL E



DETAIL F THIS DRAWING IS CONFIDENTIAL PROPERTY OF SUNMODO AND ITS CONTENTS MAY NOT BE DISCLOSED WITHOUT THE PRIOR WRITTEN CONSENT OF SUNMODO CORP.

2			Packe	1 et A13	
		Model	Code	ASCE 7-16	
		Exposu	re Category	С	
		Wind S	peed	105 mph and Lowe	er D
		Ground	Snow Load	80 PSF and Lower	
		Tilt		20 TO 35 DEG	
					-
					с
				elee.	
			Whether States	WASHING AN	
			A	22 Ar	
			THOMESSING	S1006 COM	
			ليون	05/03/2024	
				101 рноке (801) 990-1775 www.vectorse.com СТ #: U2716.0342.221 CENSE #: 2202	
			each site-specific install, a at site-specific locations w	aring requires that we review and we are not liable for installs ve have not reviewed. This	
16			PANEL	ess site-specific installations.	
15 14	K1046	9-001 0-XXX		D LUG KIT . END CLAMP,SMR	
14	K1042	.0-^^^	POP-ON,CLEA		
13	K1041	9-XXX	SHARED RAIL	MID CLAMP,SMR	В
12	K1041	8-XXX	SMR POP-ON		
11	K1041	7-XXX	KIT,CLEAR MID CLAMP,S	MR	
			POP-ON,CLEA	AR	
10 9	K1034 K1034		2.5" AL PIPE L 2.5" PIPE SPL		
			2.5" PIPE TEE		
			2.5" PIPE CLA		
	K1021 A5016		2" AL PIPE CL 1.5" SQ. STL T		+
4	A2116	8-XXX	L=XXX PIPE, HSS, 2.8	375" OD X 12	
3			GAUGE,L=XXX	X	+
3	(REAF	5-XXX R)	PIPE, HSS, 2.3 GAUGE,L=XXX		
2	A2116 (FRON	5-XXX NT)	PIPE, HSS, 2.3 GAUGE,L=XXX		
1	À2044	4-XXX	SMR300 RAIL,	L=XXX	
ITEM MATERIAL		NUMBER			QTY A
GENERAL S	le Projection: SPECIFICATIONS sions in inches [mil		1	Modo Corp. STREET, VANCOUVER WA 986	
Tolerances XXXX ±0.0 X.XX ±0.0 X.XX ±0.03	01 [0.25mm] 2 [0.30mm] B 9 [1.0mm] .0	reak all sharp edges 010020 unless	TITLE	PACKET A13	
DRAWN BY PHQ CHECKED		therwise specified. DATE 07/13/2022	D DRAWING NUMBER		
APPROVAL			SCALE:	SHEET 1 of	5
2		1	<u> </u>	1	

NOTES: UNLESS OTHERWISE SPECIFIED

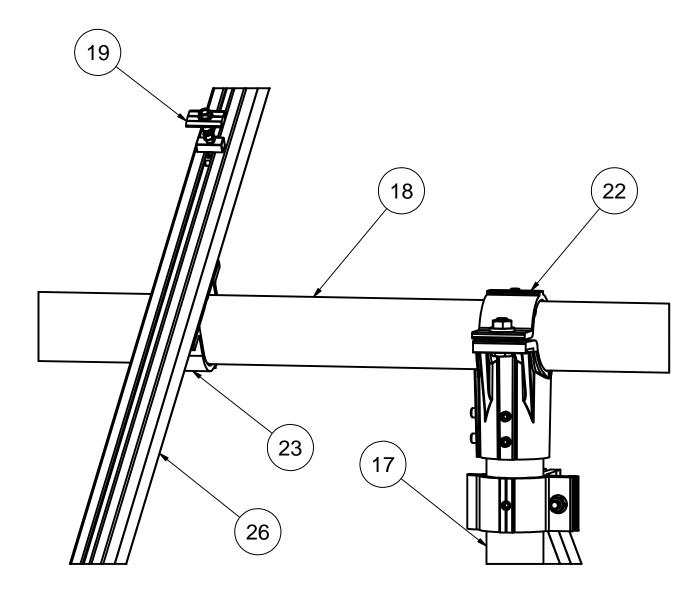
1. APPROVED RAIL PROFILES - STANDARD PANELS A20288-XXX (HR300 RAIL), A20297-001 (END CAP), K10343-002 (U-CLAMP KIT); A20145-XXX (HR350 RAIL), A20285-001 (END CAP), K10343-001 (Ù-CLAMP KIŤ).

- 2. APPROVED RAIL PROFILES OVERSIZE PANELS * A20288-XXX (HR300 RAIL), A20297-001 (END CAP), K10343-002 (U-CLAMP KIT); * A20145-XXX (HR350 RAIL), A20285-001 (END CAP), K10343-001 (U-CLAMP KIT).
- 3. K10224-XXX END CLAMP KIT OR K10299-XXX ADJ. END CLAMP KIT.

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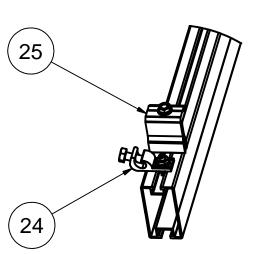


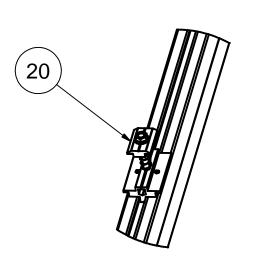
DETAIL A-ALT

ALTERNATE(ALT) DETAILS HR300, HR350 RAIL PROFILES

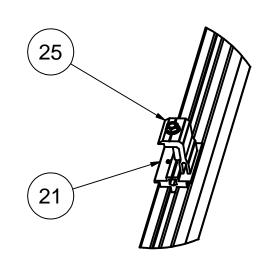
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DETAIL D-ALT



DETAIL C-ALT

DETAIL E-ALT

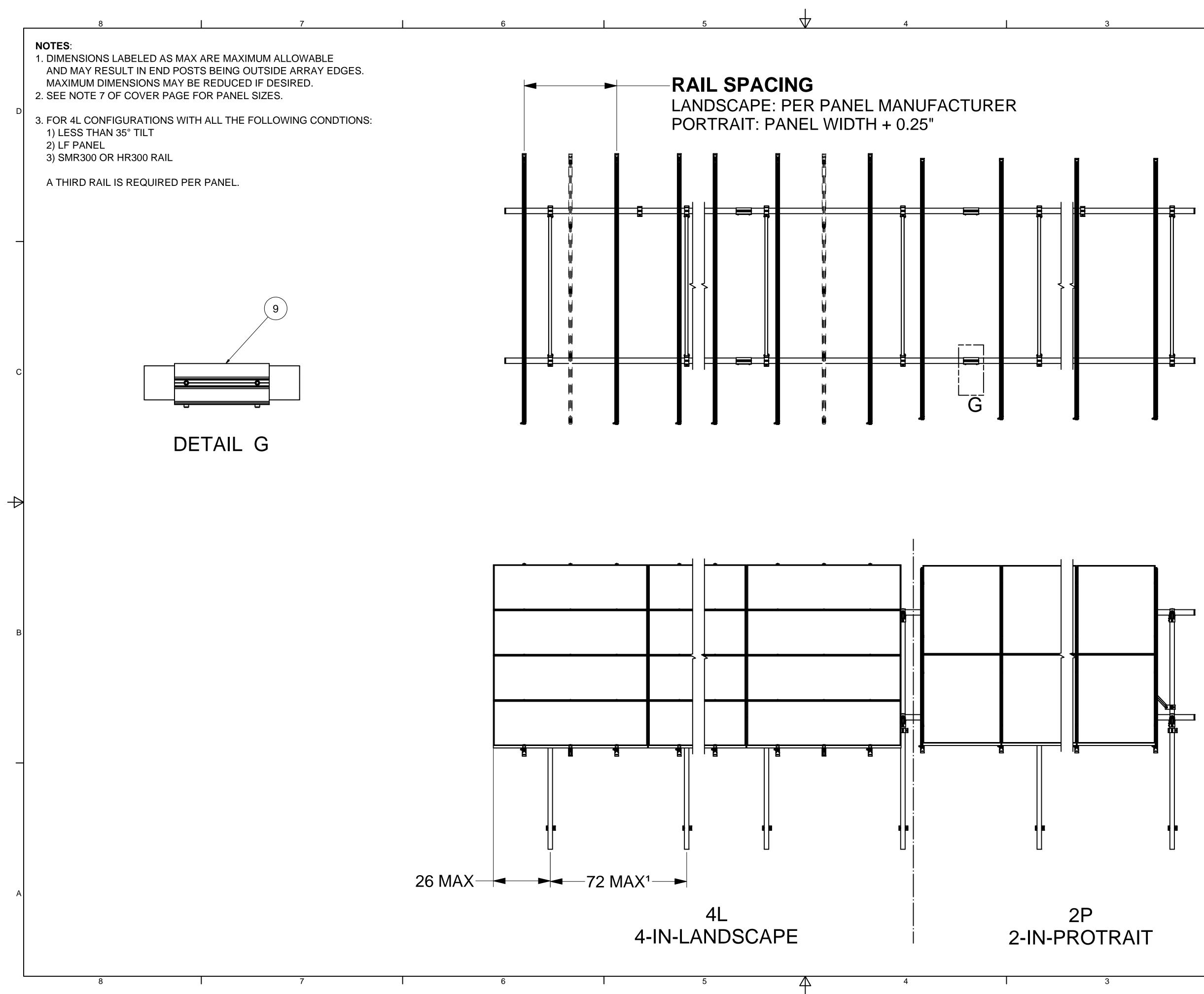


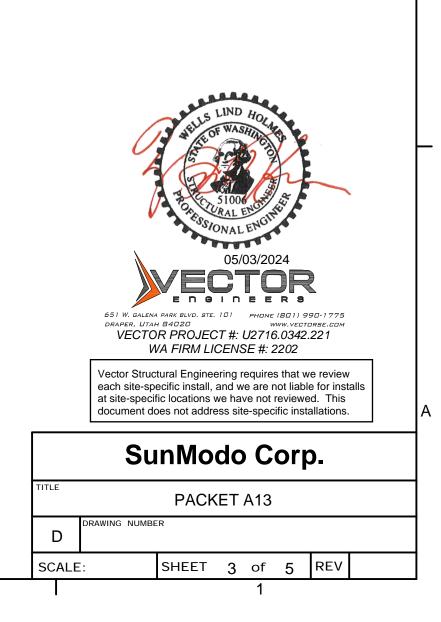
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Vector Structural Engineering requires that we review each site-specific install, and we are not liable for installs at site-specific locations we have not reviewed. This

			ite-specific locati ument does not a							
26		HEL	IORAIL.	VARIE	SF	PER	NC	DTE		
		1 & 2								
25		END CLAMP KIT. VARIES PER								
		NOT	E 3							
24	K10469-003	HR (GROUN	DING L	LUC	3 KI	Г			
23	K10343-XXX	2.5"	AL PIPE	U-CL	AM	P KI	Т			
22	K10341-002	2.5"	PIPE TE	EE KIT						
21	K10176-001	END	CLAMF	P SHAF	RED) RA	١L			
		ADA	PTOR							
20	K10182-001	SHA	RED RA	AIL GR	OU	NDI	NG	ì		
		MID-CLAMP KIT(FOR 2P)								
19	K10180-001									
		WIT	ΗΤΟΙ	LAR E	BOL	T Al	ND			
		GROUNDING BASE								
18	A21168-XXX	PIPE, HSS, 2.875" OD X 12								
		GAUGE,L=XXX								
17	A21165-XXX	PIPE, HSS, 2.375" OD X 12								
		GAL	JGE,L=X	XX						
ITEM	PART NUMBER	DESCRIPTION QTY					QTY			
		SunModo Corp.								
		TITLE PACKET A13								
	D DRAWING NUMBER									
		SCALE	E:	SHEET	2	of	5	REV		
2						1				





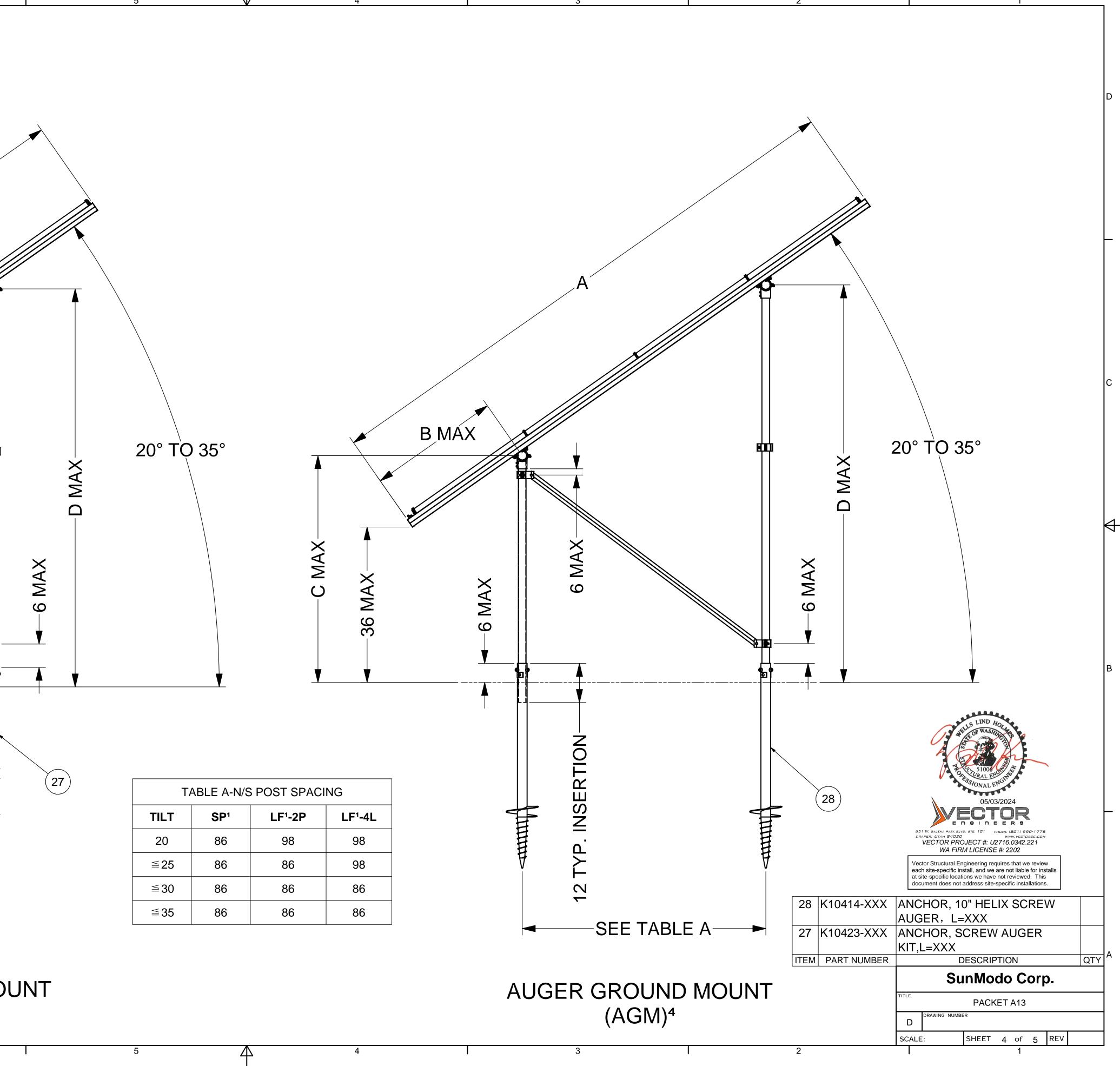
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IMENSIO	NS - STANI	DARD PAN	DIMENSIO	NS - LARGI	E FORMAT	
ITEM	4L	2P	ITEM	4L	2P	
А	172	166	A	184	172	
В	40	37	В	42	40	
С	53	51	С	58	55	
D	113	111	D	114	111	
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ITEM 44 2P A 1172 168 B 40 37 D 113 113 NOTES 114 111 1.0015 ND TAILE ARE SHOWN AT MAXIMUM 1114 111 1.0015 ND TAILE ARE SHOWN AT MAXIMUM 1114 111 1.0015 ND TAILE ARE SHOWN AT MAXIMUM 1114 111 1.0115 LEADING EDGE HIGHT PROJECTS WITH LOWER 1114 111 1.0125 ND TAILE ARE MAINING PERMISSIBLE DIMENSIONS 3.581 114 1101 SEE LETTER RAVINDUE DER FRIGHER SHULL IN REDUCED 1114 111 111 SEE LETTER RAVINDUE DER TRUCTURAL 1128 AUGUSTURAL DER MAINING 1110 1110 SEE LETTER RAVINDE MERSINS .010 OTHER 1100 1110 1110 NUDBROOM CLE PROVEDE BY COTOR STRUCTURAL B.MAX 1110 1110 1110 SEE LETTER RAVINDAND MCHORAGE REQUIREMENTS. AND OTHER 1110 1110 1110 1110 VIDUBROTON NOT SHOWN INFORMATION NOT SHOWN INFORMATION NOT SHOWN INFORMATION NOT SHOWN INFORMATION NOT SHOWN VIDUBROTON OF MEDIAL RESULE DIREMENTS INFORMATION NOT SHOWN		DIMENSIO	NS - STANI	DARD PAN		DIMENSIO	NS - LARG	E FORMAT		
B 40 37 C 53 51 D 114 111 Tr & EDIONS IN TABLE ARE SHOWN AT MAXIMUM Image: Construction of the second secon										
Image: Control of the second secon		A	172	166		A	184	172		
D 113 111 D 114 111 NOTES 1.000000005 N1 TABLE ARE SHOWN AT MAXIMUM TUTS & LEADING EDGE HEIGHT PROLICTS WITH LOWER TUTS & LEADING EDGE HEIGHT PROLICTS WITH LOWER Store Store 7 of COVER PAGE FOR PANLE SIZES. 4. V1028-0002 (27 PPE BASE KTI) SEE LETTE PROVIDED BY VECTOR STRUCTURAL ENVORTED AND AND CARCHARGE REQUIREMENTS, AND OTHER INFORMATION NOT SHOWN. WD O WD O B MAX VENDIFERING, LLC FOR REQUIRE EQUIREMENTS, AND OTHER INFORMATION NOT SHOWN.		В	40	37		В	42	40		
NOTES 1.DIMENSIONS IN TABLE ARE SHOWN AT MAXIMUM TILT & LEADING EDGE HEIGHTS WILL RESULT IN REDUCED DIMENSIONS. 2. MAX DENOTES MAXIMUM PERMISSIBLE DIMENSIONS. 3. SEE NOTE OF COVER PAGE TOP PAREL BLZES. 4. KIUSBOODI CP TOPE BASE KIT) OR KIUSBOODI CP TOPE RASE KIT) OR KIUSBOODI CP TOPE RASE KIT) OR FOUNDATION NOT SHOWN. B MAX B MAX C MAX B MAX C MAX B MAX C		С	53	51		С	58	55		
1.DMENSIONS IN TABLE ARE SHOWN AT MAXIMUM TILT & LEADING EDGE HEIGHTS WILL RESULT IN NEDUCED DMENSIONS 2. MAY DENOTES MAXIMUM PERMISSIBLE DIMENSIONS 3. SEE NOTE 70 COVER PAGE FOR PAREL SIZES. 4. KI0368-005 (2' PIPE BASE KIT) OR KI0302:001 (2' PIPE BASE KIT) 5. SEE LETTER PROVIDED BY VECTOR STRUCTURAL ENOINEERING, LLC FOR REQUIRED LOAD TESTING. POUNDATION AND ANCHORAGE REQUIREMENTS, AND OTHER INFORMATION NOT SHOWN. B MAX B MAX C W W G C W W W G C W W W G C W W W G C W W W W W W W W W W W W W W W W W W W		D	113	111		D	114	111		
SEE TABLE POST-IN-CONCRETE GROUN (PGM)⁵		 DIMENSION TILT & LEAD TILTS & LEAD DIMENSION MAX DENO SEE NOTE K10268-005 K10302-001 SEE LETTE ENGINEER FOUNDATIO 	DING EDGE I ADING EDGE IS. TES MAXIM 7 OF COVER 5 (2" PIPE BA (2" PIPE BA (2" PIPE BA (2" PIPE BA R PROVIDE ING, LLC FO ON AND ANO	HEIGHT. PRO HEIGHTS W UM PERMISS R PAGE FOR SE KIT) OR SE KIT) D BY VECTO R REQUIRED CHORAGE RI	DJECTS WITH ILL RESULT BIBLE DIMEN PANEL SIZE R STRUCTU D LOAD TES EQUIREMEN	H LOWER IN REDUCE	HER			
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