

IRONRIDGE XR FLUSH MOUNT PHOTOVOLTAIC PANEL RACKING SYSTEM
WITH IRONRIDGE FLASHVUE ROOF ATTACHMENTS

GENERAL NOTES:

- 1. THIS SYSTEM MEETS ALL OF THE REQUIREMENTS OF THE 8TH EDITION (2023) FLORIDA BUILDING CODE, INCLUDING THE HVHZ PROVISIONS.
- 2. THIS SYSTEM HAS BEEN TESTED PER TAS 100(A) AND ASTM D7147. IT IS NOT A PART OF THE BUILDING ENVELOPE, AND IMPACT RESISTANCE IS NOT REQUIRED.
- 3. THIS SYSTEM SHALL BE INSTALLED PER THE IRONRIDGE XR FLUSH MOUNT INSTALLATION MANUAL.
- 4. THE PV PANELS ARE BY OTHERS AND ARE NOT A PART OF THIS APPROVAL.
- 5. RAIL SPACING TO BE AS SPECIFIED BY THE PV PANEL MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 6. THE DESIGN OF THE ROOF SUBSTRATE IS THE RESPONSIBILITY OF THE ENGINEER OF RECORD OR OTHER SPECIALTY ENGINEER, AND IS NOT A PART OF THIS APPROVAL. THE SUBSTRATE MUST SAFELY TRANSMIT THE LOADS APPLIED TO THIS SYSTEM TO THE BUILDING STRUCTURE.
- 7. FIRE RATINGS OR FIRE RESISTANCE IS NOT A PART OF THIS REVIEW.
- 8. ALL ANCHORS SECURING THE SYSTEM TO PRESSURE TREATED WOOD SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE CHEMICALS IN THE WOOD.
- 9. MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL BE PROTECTED PER FBC REQUIREMENTS.
- 10. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS PRODUCT. Cd=1.6 WAS USED FOR WOOD SCREWS ONLY.

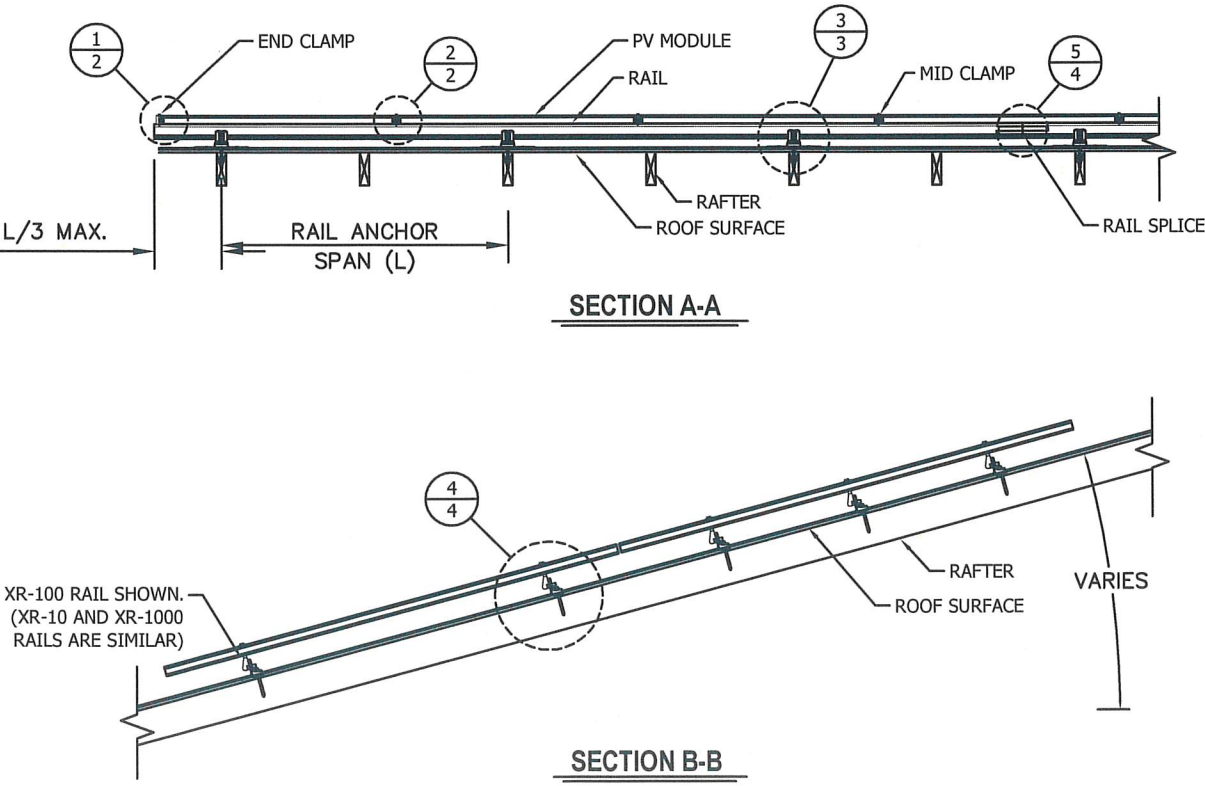
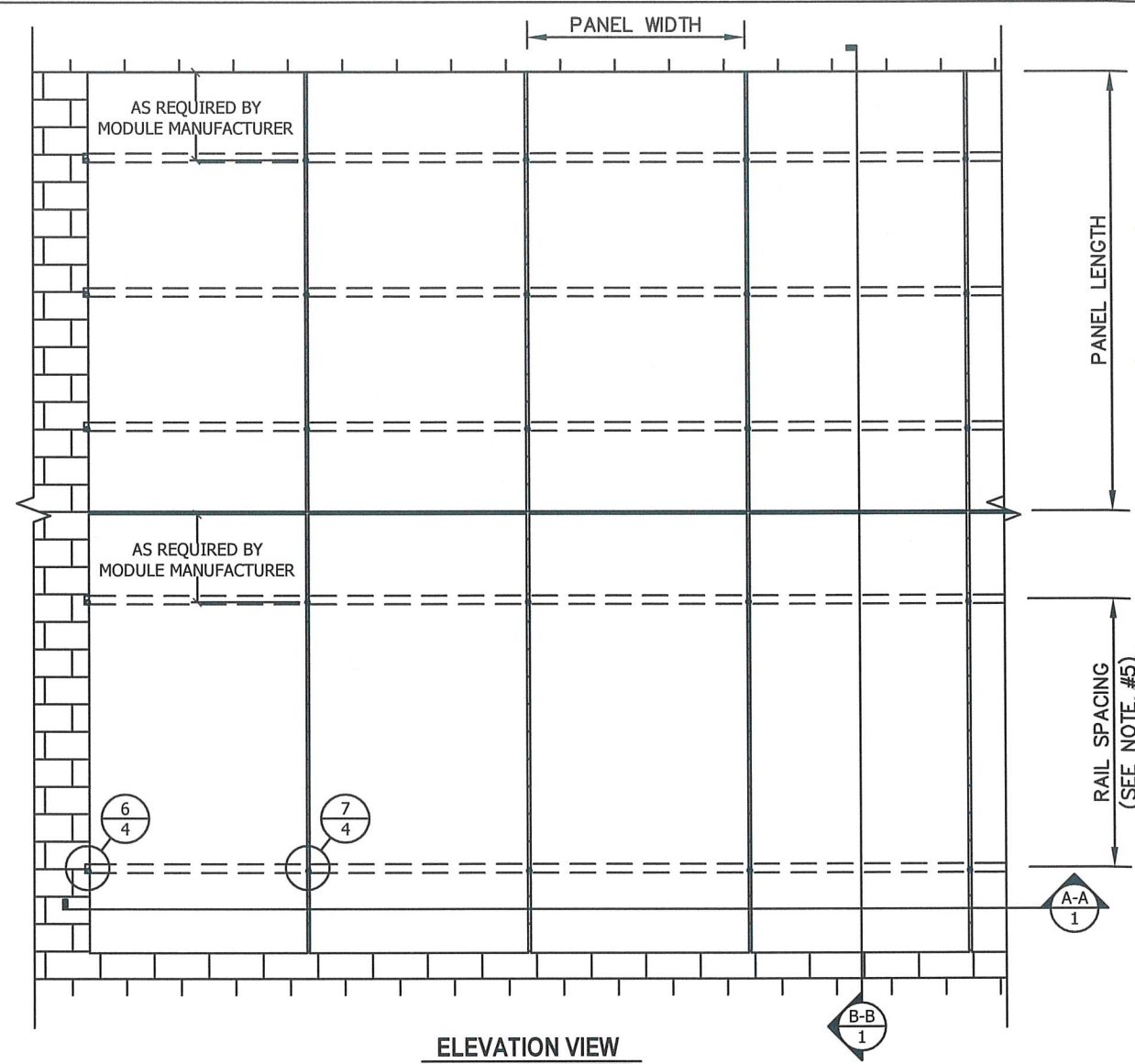
WINDLOAD NOTES:

- 1. DESIGN WINDLOADS MUST BE CALCULATED BY A LICENSED PROFESSIONAL ENGINEER OR ARCHITECT FOR EACH PROJECT, PER ASCE 7-22 SECTION 29.4.4. DESIGN (ASD) WINDLOADS MAY NOT EXCEED THE ALLOWABLE WINDLOADS SHOWN IN THE CHARTS ON THIS SHEET OR ON SHEET 7.
- 2. PANEL SYSTEM LOCATION, HEIGHT, AND SPACING MUST MEET THE REQUIREMENTS OF ASCE 7-22 SECTION 29.4.4. WINDLOADS ACT NORMAL TO THE SURFACE OF THE PV PANEL SYSTEM.
- 3. OTHER CONFIGURATIONS REQUIRE PROJECT SPECIFIC ANALYSIS BY A LICENSED PROFESSIONAL ENGINEER OR ARCHITECT.
- 4. ALLOWABLE (ASD) WINDLOADS BELOW ARE BASED ON ANCHORING IN WOOD RAFTERS WITH S.G.=0.50 MIN. SEE SHEET 7 FOR ALLOWABLE LOADS BASED ON RAFTERS WITH OTHER SPECIFIC GRAVITY VALUES.

ALLOWABLE WINDLOADS											
TWO RAIL SYSTEM						THREE RAIL SYSTEM					
PANEL WIDTH (in)	PANEL LENGTH (in)	ANCHOR SPAN (L) (in)	XR-10 RAIL (+/- psf)	XR-100 RAIL (+/- psf)	XR-1000 RAIL (+/- psf)	PANEL WIDTH (in)	PANEL LENGTH (in)	ANCHOR SPAN (L) (in)	XR-10 RAIL (+/- psf)	XR-100 RAIL (+/- psf)	XR-1000 RAIL (+/- psf)
45	67 1/2	16	90	90	90	45	67 1/2	16	135.0	135.0	135.0
		24	65.4	90	90			24	98.1	135.0	135.0
		32	56.1	90	90			32	84.2	135.0	135.0
		36	49.9	90	90			36	74.9	135.0	135.0
		48	37.4	85.6	90			48	56.1	128.4	135.0
		64	28.1	61.2	72.7			64	42.2	91.8	109.1
		72	23.7	54	63.3			72	35.6	81.0	95.0
	80	16	75.9	75.9	75.9		80	16	113.9	113.9	113.9
		24	55.2	75.9	75.9			24	82.8	113.9	113.9
		32	47.3	75.9	75.9			32	71.0	113.9	113.9
		36	42.1	75.9	75.9			36	63.2	113.9	113.9
		48	31.6	72.2	75.9			48	47.4	108.3	113.9
		64	23.7	54.2	61.4			64	35.6	81.3	92.1
		72	20	45.6	53.4			72	30.0	68.4	80.1
	86	16	70.6	70.6	70.6		86	16	105.9	105.9	105.9
		24	51.3	70.6	70.6			24	77.0	105.9	105.9
		32	44	70.6	70.6			32	66.0	105.9	105.9
		36	39.1	70.6	70.6			36	58.7	105.9	105.9
		48	29.4	67.2	70.6			48	44.1	100.8	105.9
		64	22	50.4	57.1			64	33.0	75.6	85.7
		72	18.6	42.4	49.7			72	27.9	63.6	74.6
	92 1/2	16	65.7	65.7	65.7		92 1/2	16	98.6	98.6	98.6
		24	47.7	65.7	65.7			24	71.6	98.6	98.6
		32	40.9	65.7	65.7			32	61.4	98.6	98.6
		36	36.4	65.7	65.7			36	54.6	98.6	98.6
		48	27.3	62.5	65.7			48	41.0	93.8	98.6
		64	20.5	46.9	53.1			64	30.8	70.4	79.7
		72	17.3	39.4	46.2			72	26.0	59.1	69.3
LANDSCAPE LAYOUT:											
45	92 1/2	16	65.7	65.7	65.7	45	92 1/2	16	98.6	98.6	98.6
		24	52.9	65.7	65.7			24	79.4	98.6	98.6
		32	40.8	65.7	65.7			32	61.2	98.6	98.6
		36	36	65.7	65.7			36	54.0	98.6	98.6
		48	24.2	55	65.7			48	36.3	82.5	98.6
		64	20.5	46.9	65.7			64	30.8	70.4	98.6
		72	18.2	41.7	65.7			72	27.3	62.6	98.6

THREE RAIL SYSTEM:

TWO RAIL SYSTEM:



REVISION

3

4/24/25

REVISION

2

4/29/24

2023 CODE UPDATE

1

10/18/23

TEST SUBMITTAL

1

12/19/22

PRINTS ISSUED FOR

REV#

DATE

SEAL

SCOTT WOLTERS

FL PE# 62354

WOLTERS ENGINEERING

(COA# 27194)

15211 97TH ROAD N

WEST PALM BEACH, FL 33412

(561) 225-1982

APR 24 2025

STATE OF FLORIDA

PROFESSIONAL ENGINEER

DWG: XR-FV

SHEET: 1/10

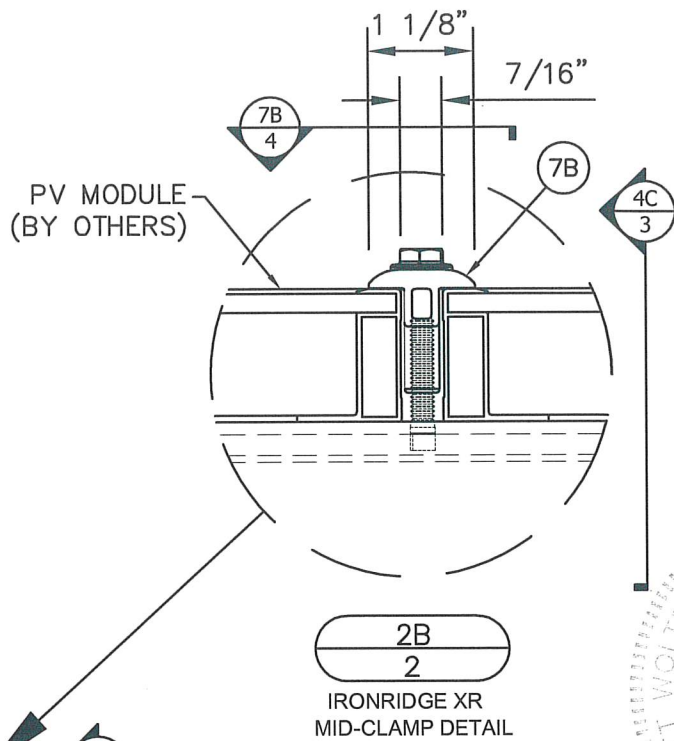
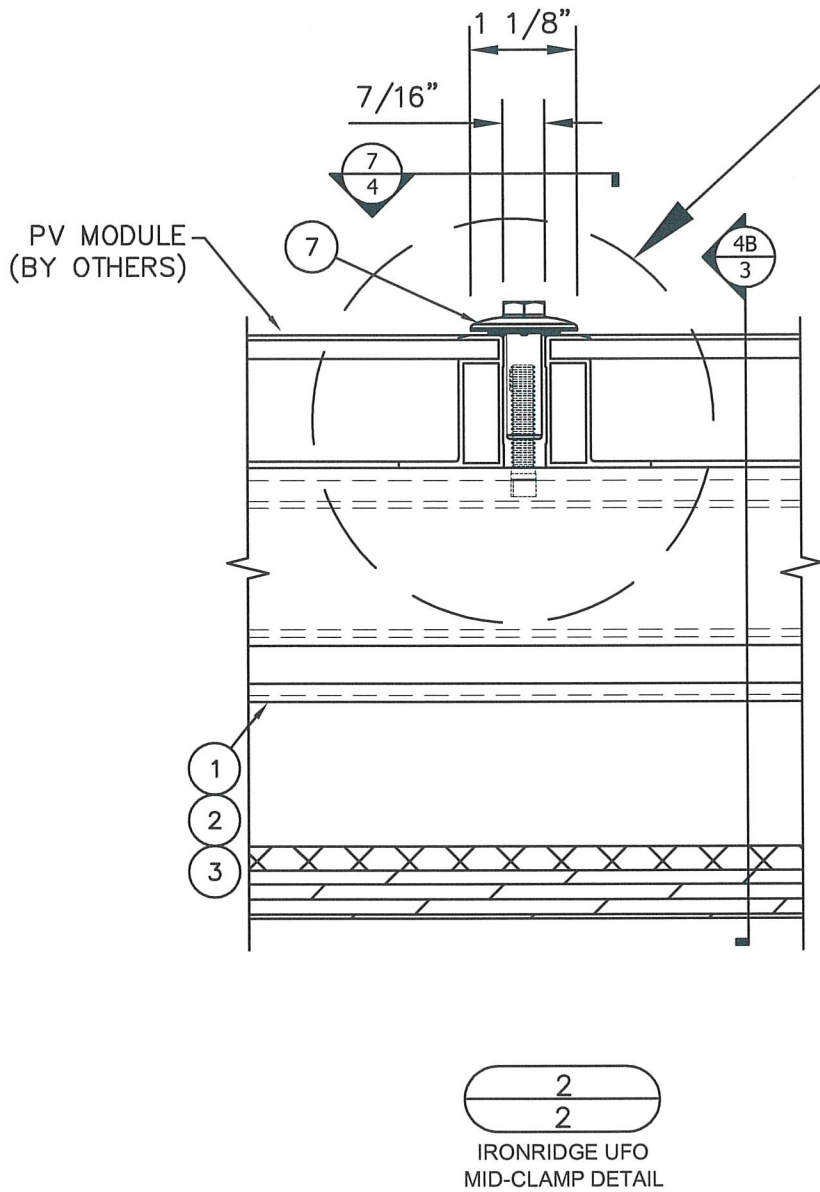
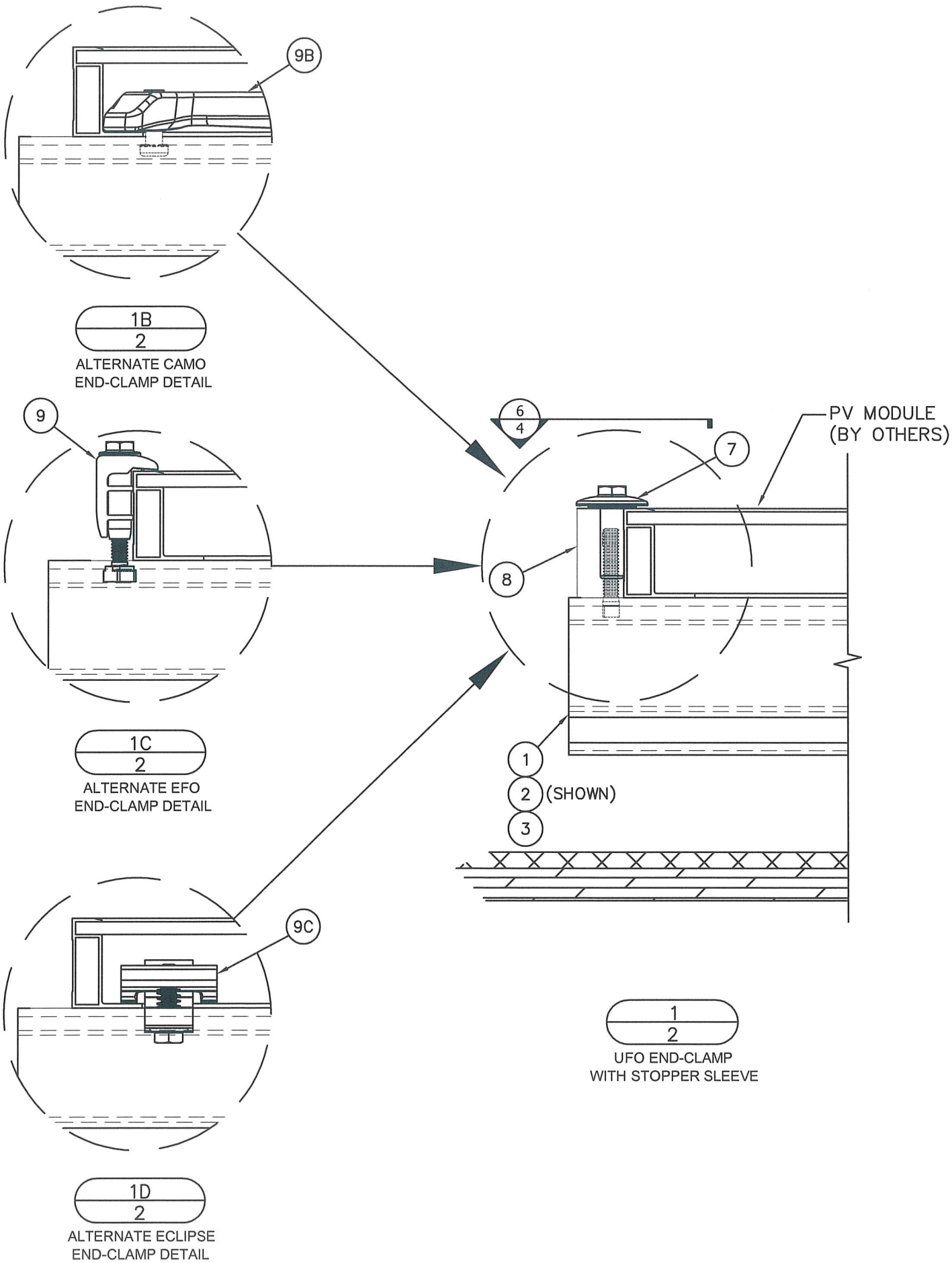
28357 INDUSTRIAL BLVD.

HAYWARD, CA 94545

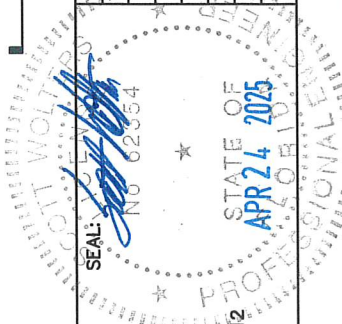
PHONE: (800) 227-9523

info@ironridge.com

IRONRIDGE XR FLUSH MOUNT PHOTOVOLTAIC PANEL RACKING SYSTEM
WITH IRONRIDGE FLASHVUE ROOF ATTACHMENTS



REV.#	DATE	PRINTS ISSUED FOR
1	12/19/22	1ST SUBMITTAL
2	10/18/23	2023 CODE UPDATE
3	4/29/24	REVISION
4	4/24/25	REVISION



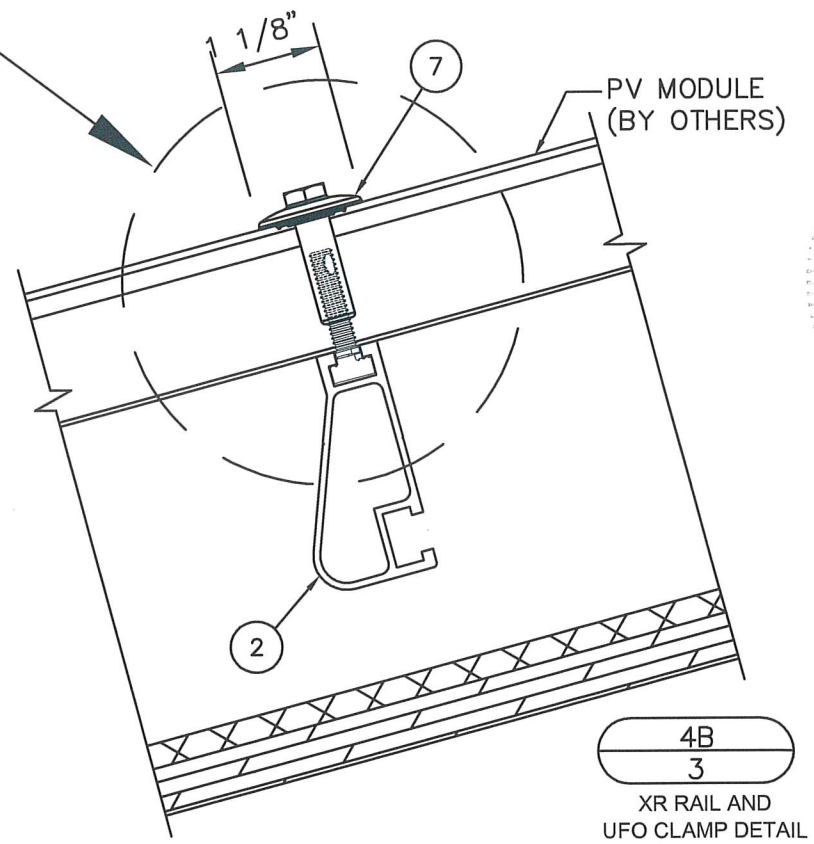
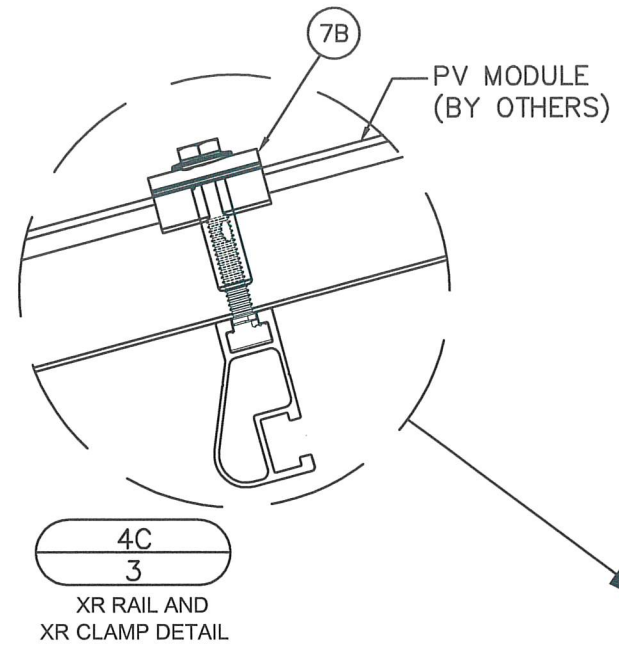
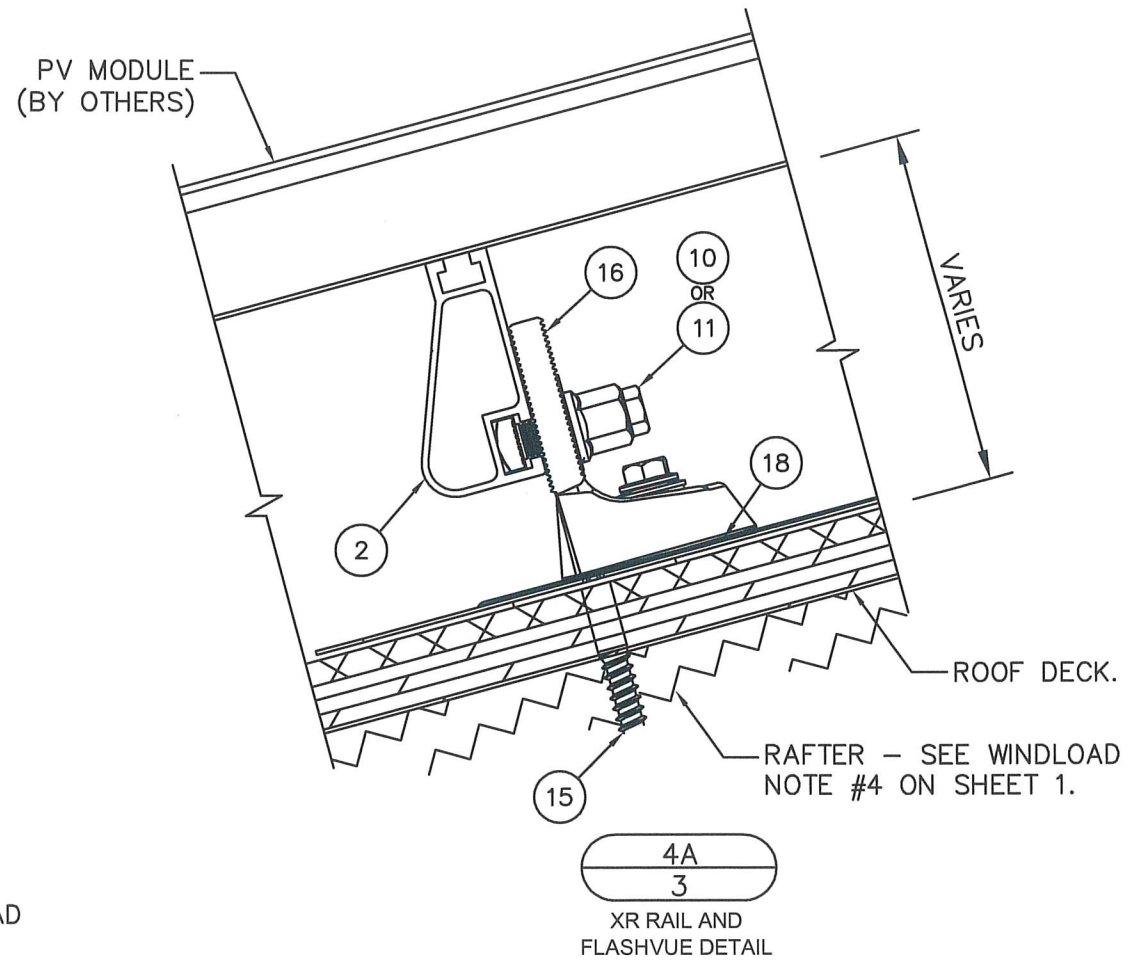
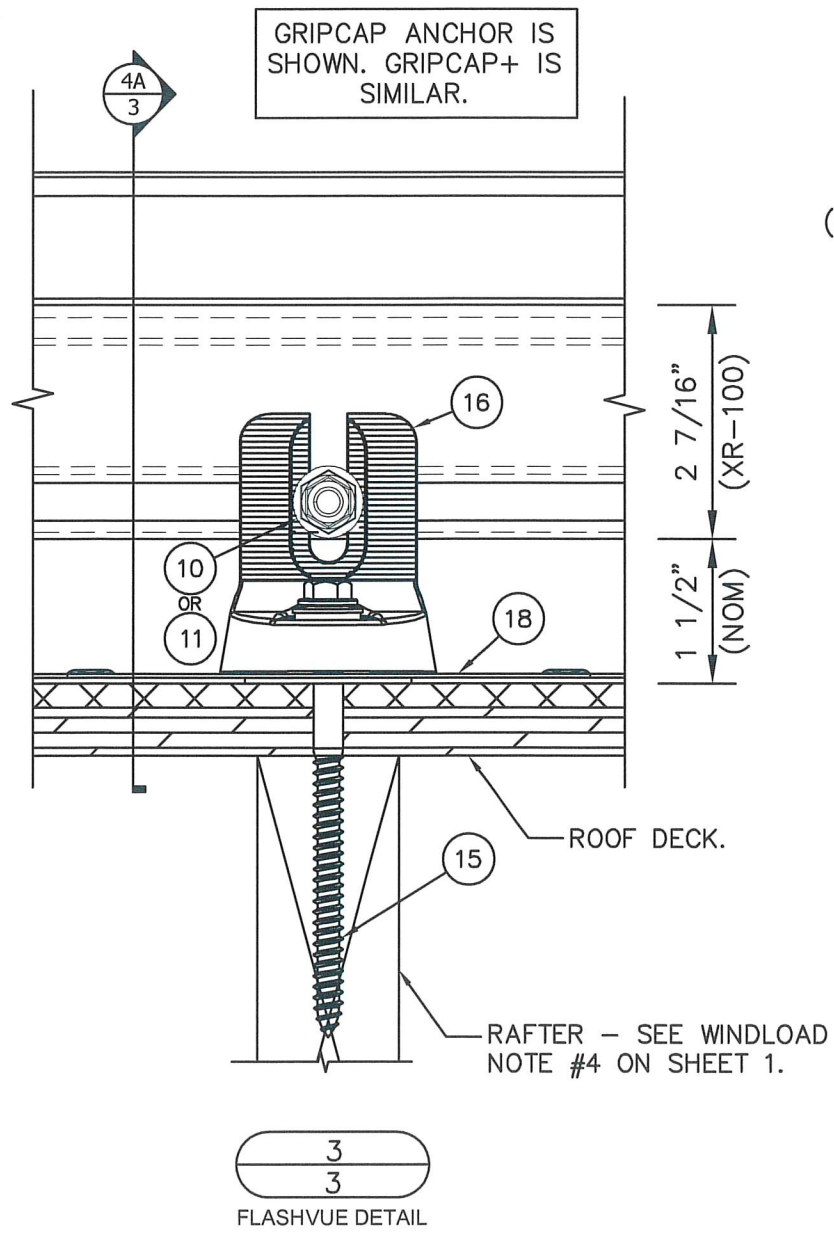
SCOTT WOLTERS
FL PE# 62354

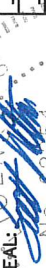
WOLTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
(561) 225-1982

28357 INDUSTRIAL BLVD.
HAYWARD, CA 94545

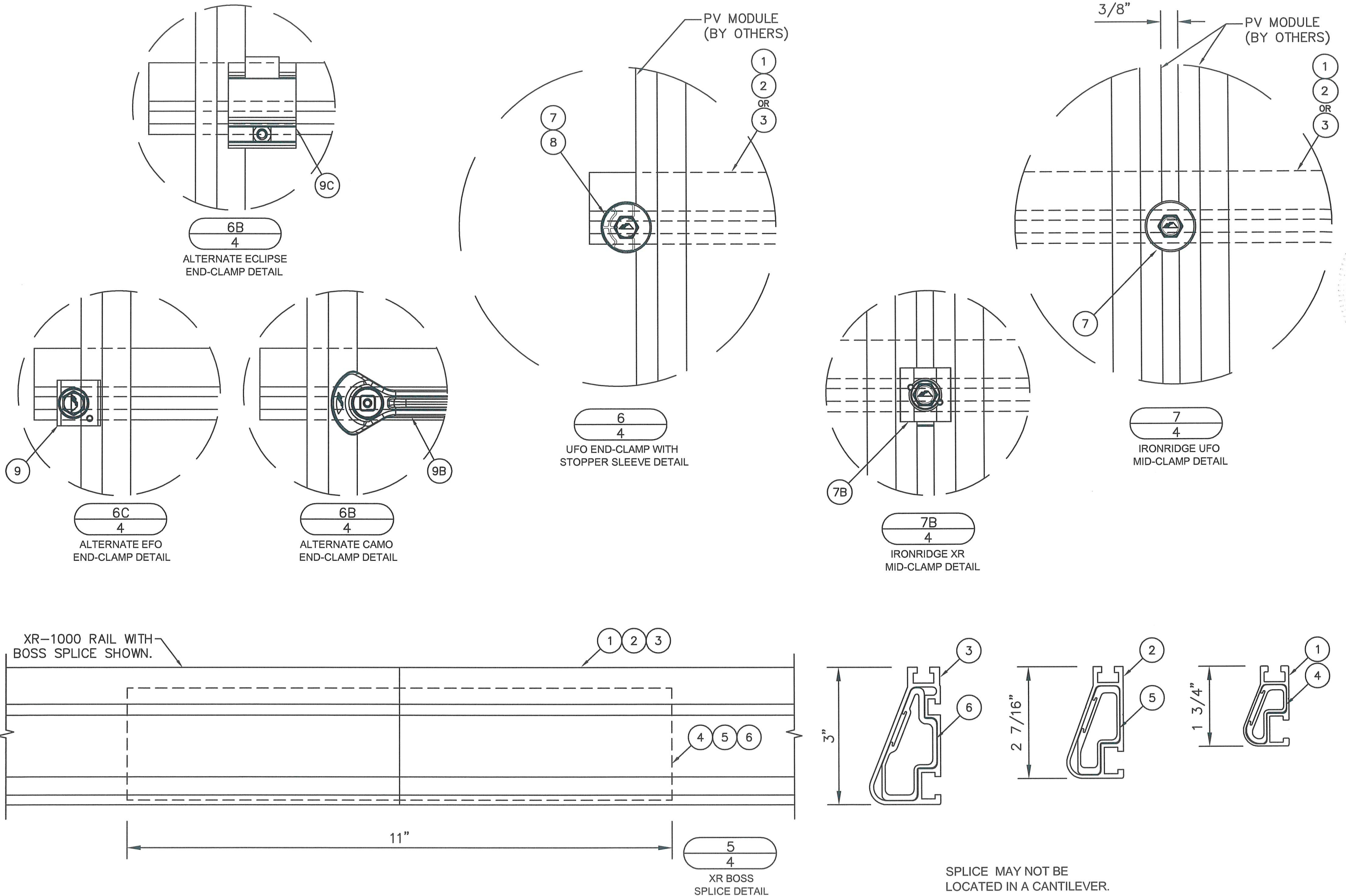
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info@ironridge.com

IRONRIDGE XR FLUSH MOUNT PHOTOVOLTAIC PANEL RACKING SYSTEM WITH IRONRIDGE FLASHVUE ROOF ATTACHMENTS



 28357 INDUSTRIAL BLVD. HAYWARD, CA 94545 PHONE: (800) 227-9523 info@ironridge.com	SCOTT WOLTERS FL PE# 62354 WOLTERS ENGINEERING (COA# 27194) 15211 97TH ROAD N WEST PALM BEACH, FL 33412 (561) 225-1982		SEAL: 		—	—
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					—	—
			REVISION		3	4/24/25
			REVISION		2	4/29/24
			2023 CODE UPDATE		1	10/18/23
			1ST SUBMITTAL		—	12/19/22
			PRINTS ISSUED FOR		REV.#	DATE
DWG:	XR-FV					
SHEET:	3/10					

IRONRIDGE XR FLUSH MOUNT PHOTOVOLTAIC PANEL RACKING SYSTEM
WITH IRONRIDGE FLASHVUE ROOF ATTACHMENTS



REVISION	DATE	REV#	DATE
3	4/24/25	1	10/18/23
2	4/29/24	2	12/19/22
1	2023 CODE UPDATE	3	
	1ST SUBMITTAL		
	PRINTS ISSUED FOR		

SEAL: [Signature] No. 62354

STATE OF FLORIDA PROFESSIONAL ENGINEER

APR 24 2025

SCOTT WOLTERS
FL PE# 62354

WOLTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD N
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IRONRIDGE

28357 INDUSTRIAL BLVD.
HAYWARD, CA 94545

PHONE: (800) 227-9523
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DWG: **XR-FV**

SHEET: **4/10**

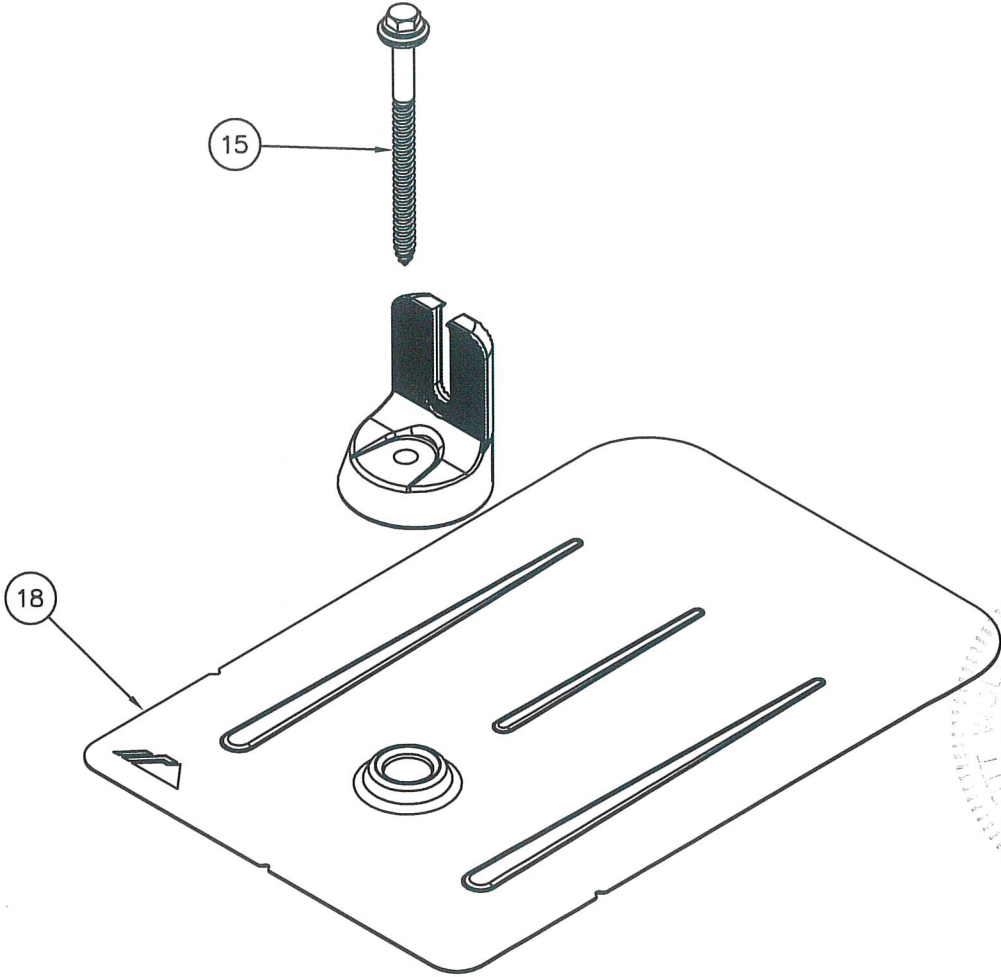
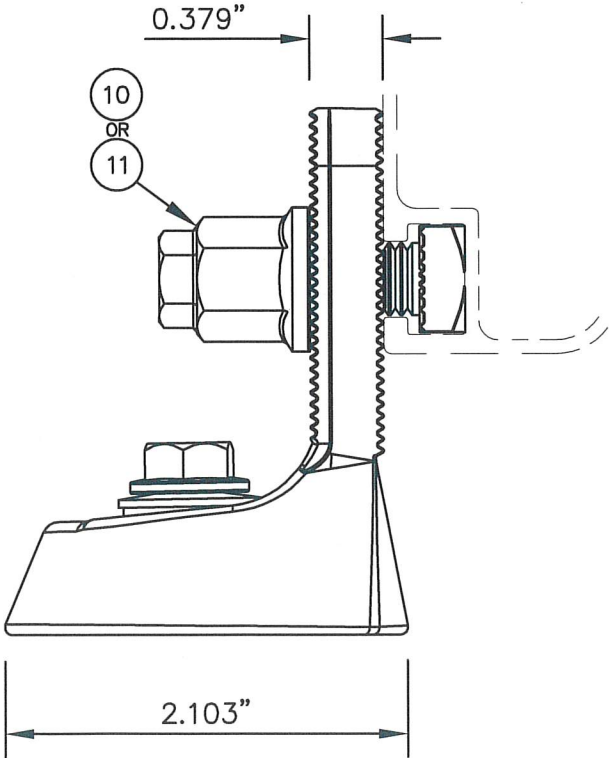
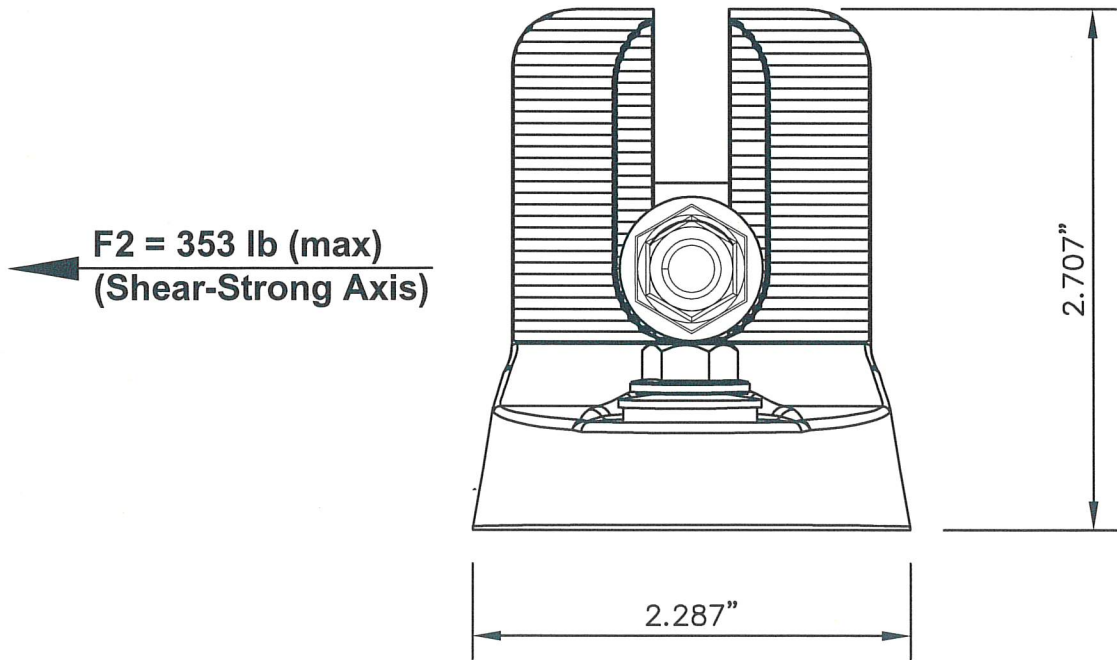
IRONRIDGE XR FLUSH MOUNT PHOTOVOLTAIC PANEL RACKING SYSTEM
WITH IRONRIDGE FLASHVUE ROOF ATTACHMENTS

BILL OF MATERIALS- FlashVue		
#	DESCRIPTION	MATERIALS/NOTES
15	5/16" X 4" HWH LAG SCREW WITH EPDM WASHER	300 SERIES SS & EPDM
16	GRIPCAP, MILL OR BLACK	300 SERIES AL
17	GRIPCAP PLUS, BLACK	300 SERIES AL
18	FM FLASHING, MILL OR BLACK	6000 SERIES AL

ALLOWABLE UPLIFT FOR FLASHVUE ANCHOR WITH GRIPCAP BASED ON RAFTER SPECIFIC GRAVITY	
WOOD SPECIFIC GRAVITY	ALLOWABLE UPLIFT CAPACITY (lb)
0.42	894
0.43	926
0.46	1025
0.5	1161

SEE CHART ON SHEET 7 FOR ALLOWABLE WINDLOADS BASED ON RAFTER SPECIFIC GRAVITY.

Direct Tension/Uplift
(See Chart)



- ANCHOR NOTES:**
- CAPACITIES APPLY TO RAFTER SIZES OF 2x4 OR GREATER, DECK THICKNESS OF 7/16" OR GREATER, AND LAG BOLTS SECURED WITHIN THE CENTER 1/3 OF RAFTER WITH 2 1/2" MIN. END DISTANCE.
 - SHEAR VALUES ARE THE SAME FOR ALL SPECIFIC GRAVITY VALUES LISTED IN THE CHART.

REV.#	DATE	PRINTS ISSUED FOR
1	10/18/23	2023 CODE UPDATE
2	4/29/24	REVISION
3	4/24/25	REVISION

SEAL: **APR 24 2025**
SCOTT WOLTERS
FL PE# 62354
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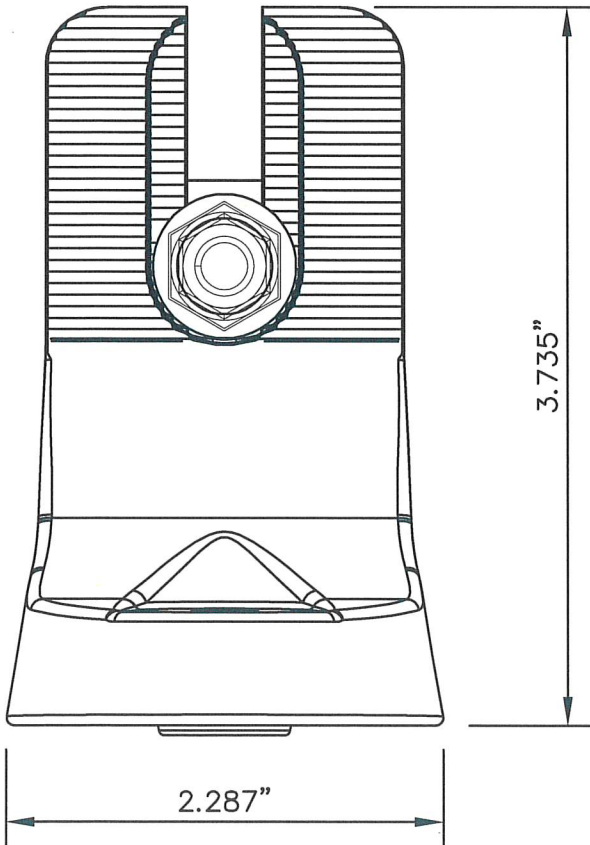
IRONRIDGE XR FLUSH MOUNT PHOTOVOLTAIC PANEL RACKING SYSTEM
WITH IRONRIDGE FLASHVUE ROOF ATTACHMENTS

ALLOWABLE UPLIFT FOR FLASHVUE ANCHOR WITH GRIPCAP+ BASED ON RAFTER SPECIFIC GRAVITY	
WOOD SPECIFIC GRAVITY	ALLOWABLE UPLIFT CAPACITY (lb)
0.42	894
0.43	926
0.46	1025
0.5	1161

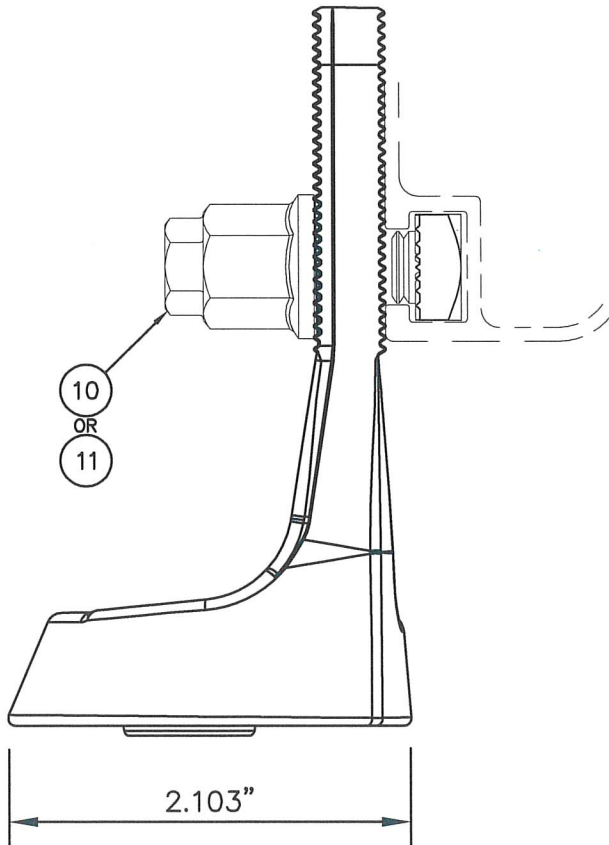
SEE CHART ON SHEET 7 FOR ALLOWABLE WINDLOADS BASED ON RAFTER SPECIFIC GRAVITY.

Direct Tension/Uplift
(See Chart)

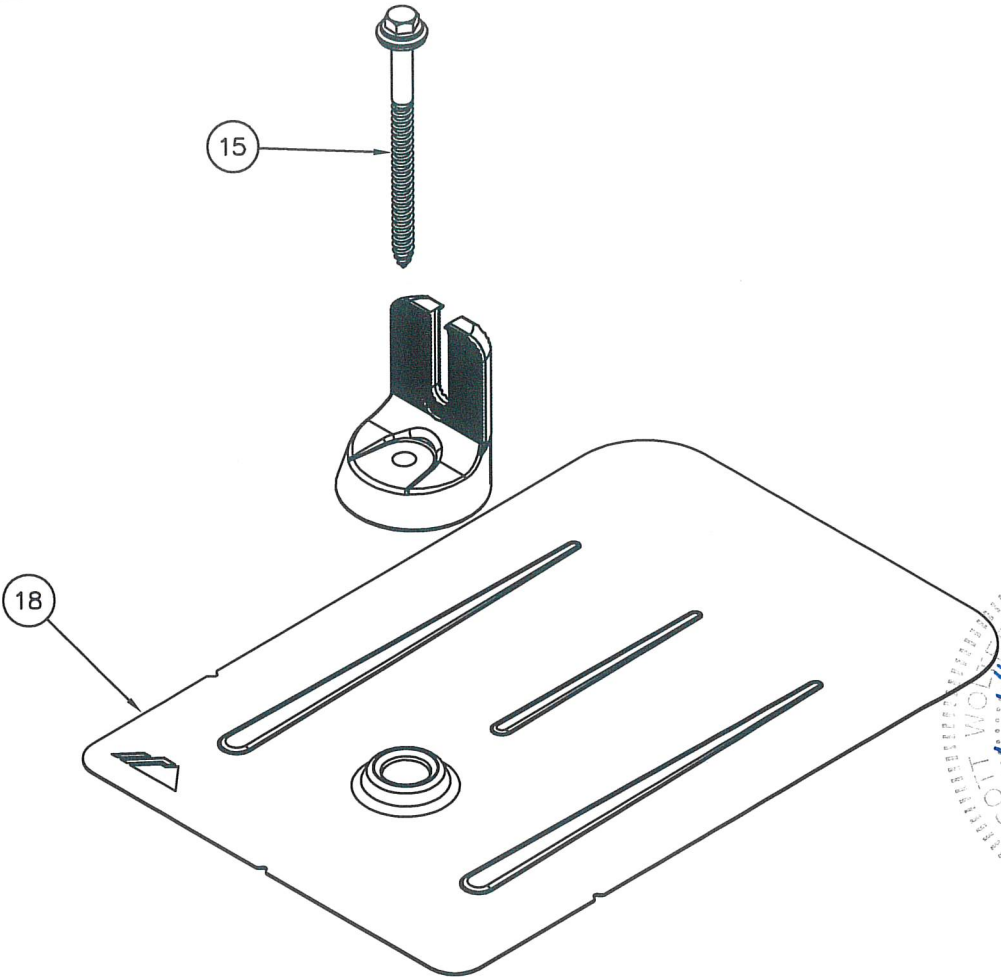
F2 = 353 lb (max)
(Shear-Strong Axis)



0.379"



F3 = 304 lb (max)
(Shear-Weak Axis)



- ANCHOR NOTES:
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 - SHEAR VALUES ARE THE SAME FOR ALL SPECIFIC GRAVITY VALUES LISTED IN THE CHART.

REV.#	DATE	PRINTS ISSUED FOR
1	10/18/23	2023 CODE UPDATE
2	4/29/24	1ST SUBMITTAL
3	4/24/25	REVISION

SEAL: [Signature]
NO 62354
STATE OF FLORIDA
APR 24 2025
PROFESSIONAL ENGINEER

SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING
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15211 97TH ROAD N
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PHONE: (800) 227-9523
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DWG: **XR-FV**
SHEET: **6/10**

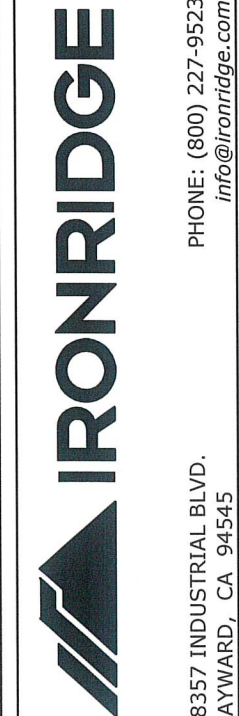
IRONRIDGE XR FLUSH MOUNT PHOTOVOLTAIC PANEL RACKING SYSTEM
WITH IRONRIDGE FLASHVUE ROOF ATTACHMENTS

ALLOWABLE WINDLOADS (+/- psf)																							
TWO RAIL SYSTEM												THREE RAIL SYSTEM											
PANEL WIDTH	PANEL LENGTH	ANCHOR SPAN (L)	XR-10 RAIL			XR-100 RAIL			XR-1000 RAIL			PANEL WIDTH	PANEL LENGTH	ANCHOR SPAN (L)	XR-10 RAIL			XR-100 RAIL			XR-1000 RAIL		
			RAFTER SPECIFIC GRAVITY			RAFTER SPECIFIC GRAVITY			RAFTER SPECIFIC GRAVITY						RAFTER SPECIFIC GRAVITY			RAFTER SPECIFIC GRAVITY			RAFTER SPECIFIC GRAVITY		
			SG=0.42	SG=0.43	SG=0.46	SG=0.42	SG=0.43	SG=0.46	SG=0.42	SG=0.43	SG=0.46				SG=0.42	SG=0.43	SG=0.46	SG=0.42	SG=0.43	SG=0.46	SG=0.42	SG=0.43	SG=0.46
45	67 1/2	16	89	90	90	89	90	90	89.0	90.0	90	45	67 1/2	16	133.5	135.0	135.0	133.5	135.0	135.0	133.5	135.0	135.0
		24	65.4	65.4	65.4	89	90	90	89.0	90.0	90			24	98.1	98.1	98.1	133.5	135.0	135.0	133.5	135.0	135.0
		32	56.1	56.1	56.1	89	90	90	89.0	90.0	90			32	84.2	84.2	84.2	133.5	135.0	135.0	133.5	135.0	135.0
		36	49.9	49.9	49.9	84.7	87.8	90	84.8	87.8	90			36	74.9	74.9	74.9	127.1	131.7	135.0	127.1	131.7	135.0
		48	37.4	37.4	37.4	79.5	82.3	85.6	79.5	82.3	90			48	56.1	56.1	56.1	119.3	123.5	128.4	119.2	123.5	135.0
		64	28.1	28.1	28.1	56	58	64.2	56.0	58.0	64.2			64	42.2	42.2	42.2	84.0	87.0	96.3	84.0	87.0	96.3
		72	23.7	23.7	23.7	48.7	50.5	54	48.7	50.5	55.8			72	35.6	35.6	35.6	73.1	75.8	81.0	73.1	75.8	83.7
	80	16	75.1	75.9	75.9	75.1	75.9	75.9	75.1	75.9	75.9		80	16	112.7	113.9	113.9	112.7	113.9	113.9	112.7	113.9	113.9
		24	55.2	55.2	55.2	75.1	75.9	75.9	75.1	75.9	75.9			24	82.8	82.8	82.8	112.7	113.9	113.9	112.7	113.9	113.9
		32	47.3	47.3	47.3	75.1	75.9	75.9	75.1	75.9	75.9			32	71.0	71.0	71.0	112.7	113.9	113.9	112.7	113.9	113.9
		36	42.1	42.1	42.1	71.5	74.1	75.9	71.5	74.1	75.9			36	63.2	63.2	63.2	107.3	111.2	113.9	107.3	111.1	113.9
		48	31.6	31.6	31.6	67.1	69.5	72.2	67.1	69.5	75.9			48	47.4	47.4	47.4	100.7	104.3	108.3	100.6	104.2	113.9
		64	23.7	23.7	23.7	47.3	49	54.2	47.3	49.0	54			64	35.6	35.6	35.6	71.0	73.5	81.3	71.0	73.5	81.0
		72	20	20	20	41.1	42.6	45.6	41.1	42.6	47.2			72	30.0	30.0	30.0	61.7	63.9	68.4	61.7	63.9	70.8
	86	16	69.9	70.6	70.6	69.9	70.6	70.6	69.9	70.6	70.6		86	16	104.9	105.9	105.9	104.9	105.9	105.9	104.9	105.9	105.9
		24	51.3	51.3	51.3	69.9	70.6	70.6	69.9	70.6	70.6			24	77.0	77.0	77.0	104.9	105.9	105.9	104.9	105.9	105.9
		32	44	44	44	69.9	70.6	70.6	69.9	70.6	70.6			32	66.0	66.0	66.0	104.9	105.9	105.9	104.9	105.9	105.9
		36	39.1	39.1	39.1	66.5	68.9	70.6	66.5	68.9	70.6			36	58.7	58.7	58.7	99.8	103.4	105.9	99.8	103.4	105.9
		48	29.4	29.4	29.4	62.4	64.6	67.2	62.4	64.6	70.6			48	44.1	44.1	44.1	93.6	96.9	100.8	93.6	96.9	105.9
		64	22	22	22	44	45.6	50.4	44.0	45.6	50.4			64	33.0	33.0	33.0	66.0	68.4	75.6	66.0	68.4	75.6
		72	18.6	18.6	18.6	38.3	39.6	42.4	38.3	39.6	43.9			72	27.9	27.9	27.9	57.5	59.4	63.6	57.5	59.4	65.9
	92 1/2	16	64.9	65.7	65.7	64.9	65.7	65.7	64.9	65.7	65.7		92 1/2	16	97.4	98.6	98.6	97.4	98.6	98.6	97.4	98.6	98.6
		24	47.7	47.7	47.7	64.9	65.7	65.7	64.9	65.7	65.7			24	71.6	71.6	71.6	97.4	98.6	98.6	97.4	98.6	98.6
		32	40.9	40.9	40.9	64.9	65.7	65.7	64.9	65.7	65.7			32	61.4	61.4	61.4	97.4	98.6	98.6	97.4	98.6	98.6
		36	36.4	36.4	36.4	61.9	64.1	65.7	61.9	64.1	65.7			36	54.6	54.6	54.6	92.9	96.2	98.6	92.8	96.1	98.6
		48	27.3	27.3	27.3	58	60.1	62.5	58.0	60.1	65.7			48	41.0	41.0	41.0	87.0	90.2	93.8	87.0	90.1	98.6
		64	20.5	20.5	20.5	40.9	42.3	46.9	40.9	42.3	46.9			64	30.8	30.8	30.8	61.4	63.5	70.4	61.4	63.5	70.4
		72	17.3	17.3	17.3	35.6	36.8	39.4	35.6	36.8	40.8			72	26.0	26.0	26.0	53.4	55.2	59.1	53.4	55.2	61.2
LANDSCAPE LAYOUT:																							
45	92 1/2	16	64.9	65.7	65.7	64.9	65.7	65.7	64.9	65.7	65.7	45	92 1/2	16	97.4	98.55	98.6	97.4	98.55	98.6	97.4	98.6	98.6
		24	52.9	52.9	52.9	64.9	65.7	65.7	64.9	65.7	65.7			24	79.4	79.35	79.4	97.4	98.55	98.6	97.4	98.6	98.6
		32	40.8	40.8	40.8	64.9	65.7	65.7	64.9	65.7	65.7			32	61.2	61.2	61.2	97.4	98.55	98.55	97.4	98.6	98.6
		36	36	36	36	61.9	64.1	65.7	61.9	64.1	65.7			36	54.0	54	54	92.9	96.15	98.55	92.8	96.2	98.6
		48	24.2	24.2	24.2	55	55	55	61.9	64.1	65.7			48	36.3	36.3	36.3	82.5	82.5	82.5	92.8	96.2	98.6
		64	20.5	20.5	20.5	46.9	46.9	46.9	61.9	64.1	65.7			64	30.8	30.75	30.75	70.4	70.35	70.35	92.8	96.2	98.6
		72	18.2	18.2	18.2	41.7	41.7	41.7	61.9	64.1	65.7			72	27.3	27.3	27.3	62.6	62.6	62.6	92.8	96.2	98.6

SEAL: 

SCOTT WOLTERS
FL PE# 62354

WOLTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
(561) 225-1982



DWG: **XR-FV**
SHEET: **7/10**

28357 INDUSTRIAL BLVD.
HAYWARD, CA 94545
PHONE: (800) 227-9523
info@ironridge.com

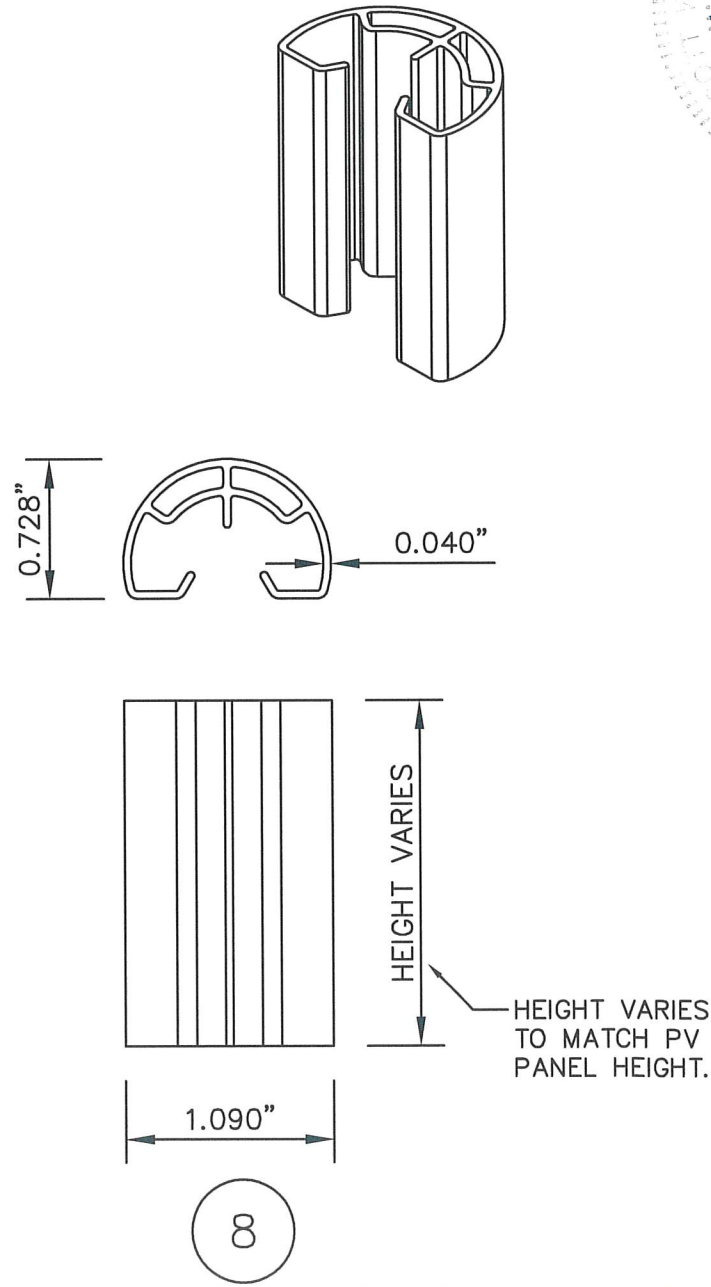
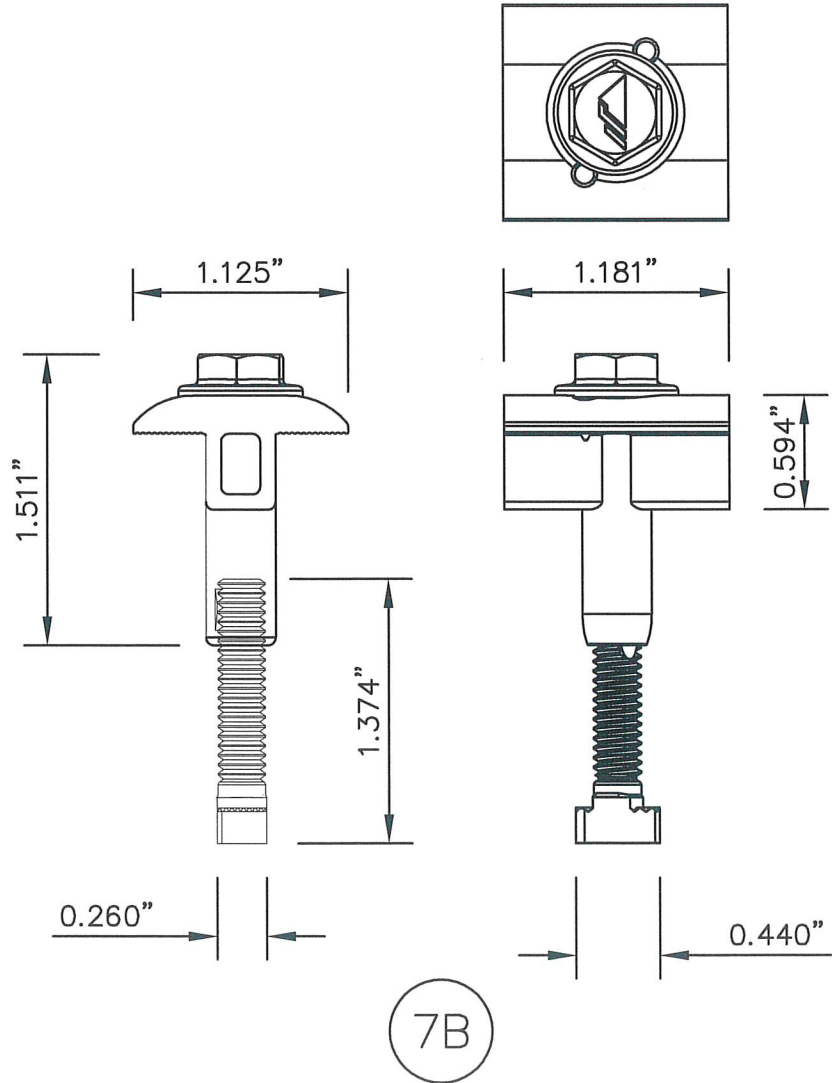
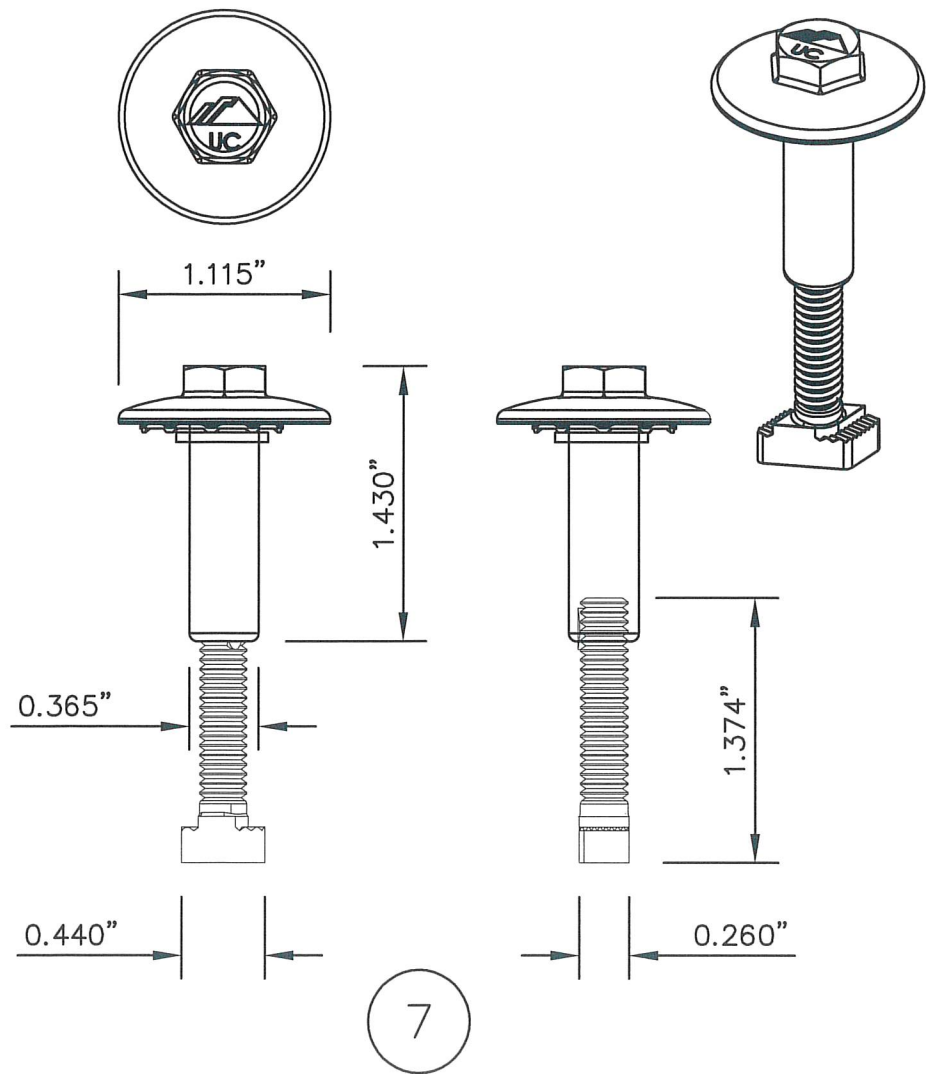
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2023 CODE UPDATE
1ST SUBMITTAL
PRINTS ISSUED FOR

IRONRIDGE XR FLUSH MOUNT PHOTOVOLTAIC PANEL RACKING SYSTEM
WITH IRONRIDGE FLASHVUE ROOF ATTACHMENTS

BILL OF MATERIALS- XR System		
#	DESCRIPTION	MATERIALS/NOTES
1	XR-10 RAIL	6000 SERIES AL
2	XR-100 RAIL	6000 SERIES AL
3	XR-1000 RAIL	6000 SERIES AL
4	XR-10 BOSS SPLICE	6000 SERIES AL & 300 SERIES SS
5	XR-100 BOSS SPLICE	6000 SERIES AL & 300 SERIES SS
6	XR-1000 BOSS SPLICE	6000 SERIES AL & 300 SERIES SS
7	UFO UNIVERSAL MODULE CLAMP	300 SERIES SS
7B	XR MID CLAMP (30-40MM), US PRODUCTION	6000 SERIES AL & 300 SERIES SS
8	STOPPER SLEEVE	6000 SERIES AL
9	EFO UNIVERSAL END CLAMP	300 SERIES AL & 300 SERIES SS
9B	CAMO HIDDEN END CAM	300 SERIES AL & 300 SERIES SS
9C	ECLIPSE HIDDEN END CLAMP ASSEMBLY	6000 SERIES AL & 300 SERIES SS
10	3/8" X 1" SQUARE BOLT BONDING HARDWARE	300 SERIES SS
11	3/8" X 1" T-BOLT BONDING HARDWARE	300 SERIES SS
12	XR-10 RAIL END CAP (OPTIONAL)	POLYMERIC
13	XR-100 RAIL END CAP (OPTIONAL)	POLYMERIC
14	XR-1000 RAIL END CAP (OPTIONAL)	POLYMERIC

FOR 6000 SERIES EXTRUSIONS F_{UT} =38 ksi min, F_Y =34 ksi min.

FOR 300 SERIES STAINLESS STEEL F_Y =65 ksi min.



IRONRIDGE

DWG: XR-FV
SHEET: 8/10

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(561) 225-1982

SEAL: [Signature]
No. 62354

STATE OF FLORIDA
APR 24 2025

REVISION
3 4/24/25

REVISION
2 4/29/24

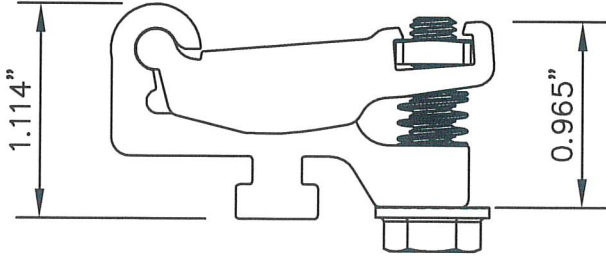
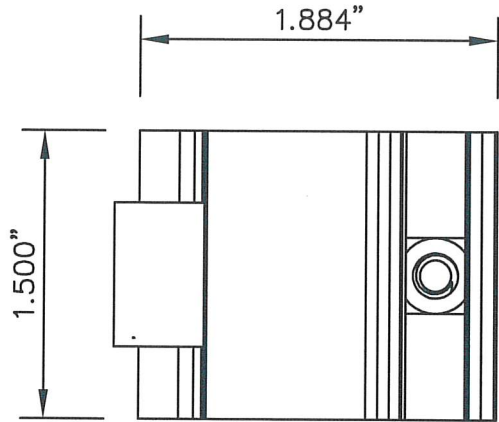
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1 10/18/23

1ST SUBMITTAL
- 12/19/22

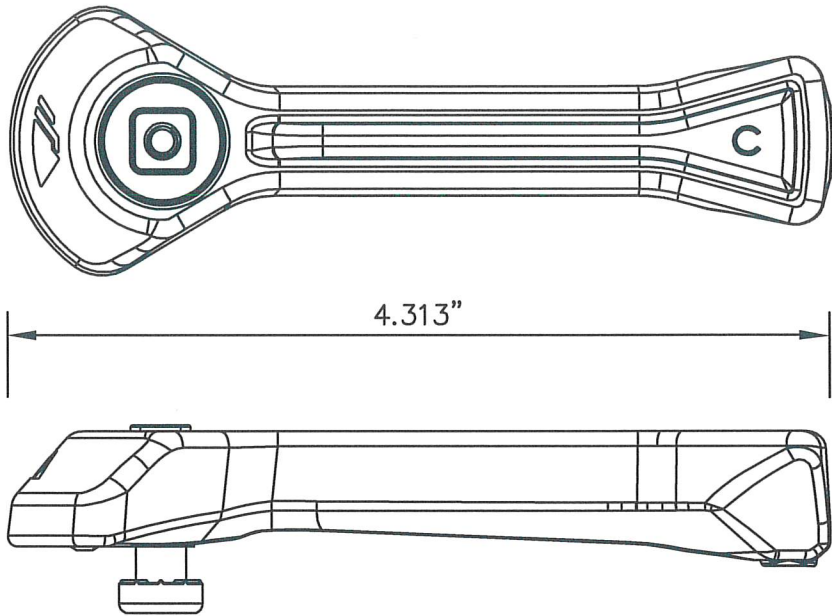
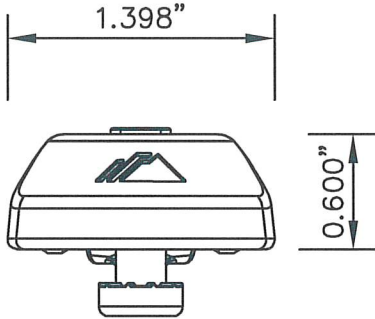
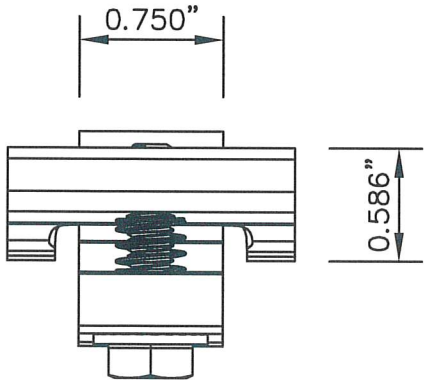
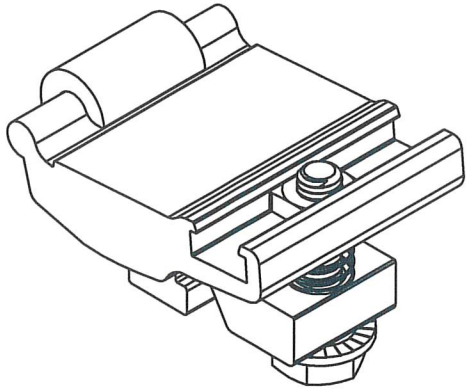
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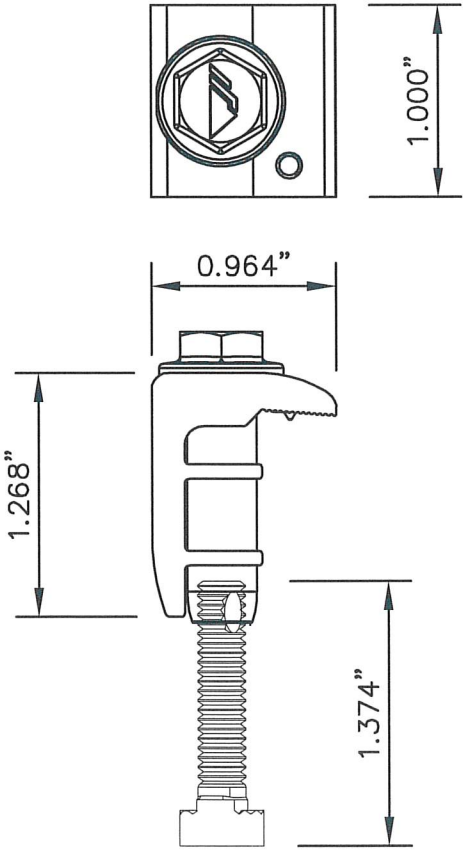
IRONRIDGE XR FLUSH MOUNT PHOTOVOLTAIC PANEL RACKING SYSTEM
WITH IRONRIDGE FLASHVUE ROOF ATTACHMENTS



9C



9B



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**IRONRIDGE**

28357 INDUSTRIAL BLVD.
HAYWARD, CA 94545

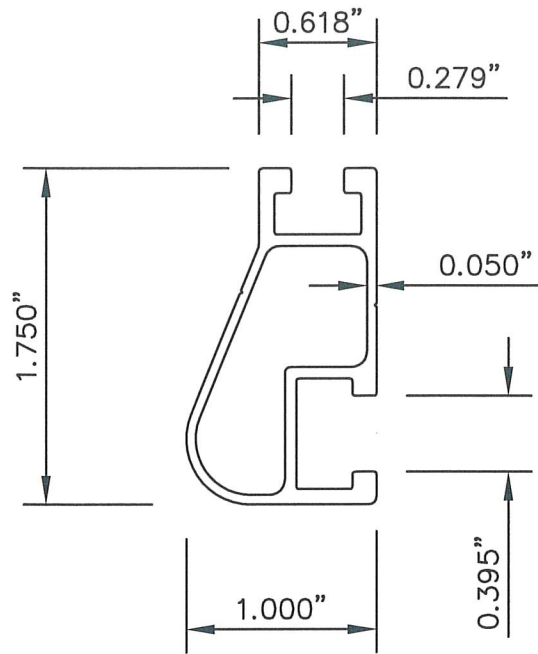
PHONE: (800) 227-9523
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SCOTT WALTERS
FL PE# 62354

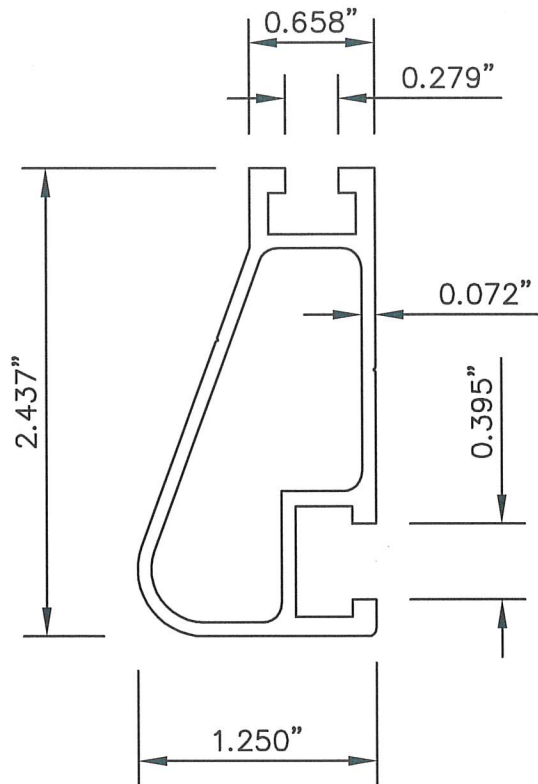
WALTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
(561) 225-1982

DWG:	XR-FV
SHEET:	9/10
REVISION	3 4/24/25
REVISION	2 4/29/24
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1ST SUBMITTAL	12/19/22
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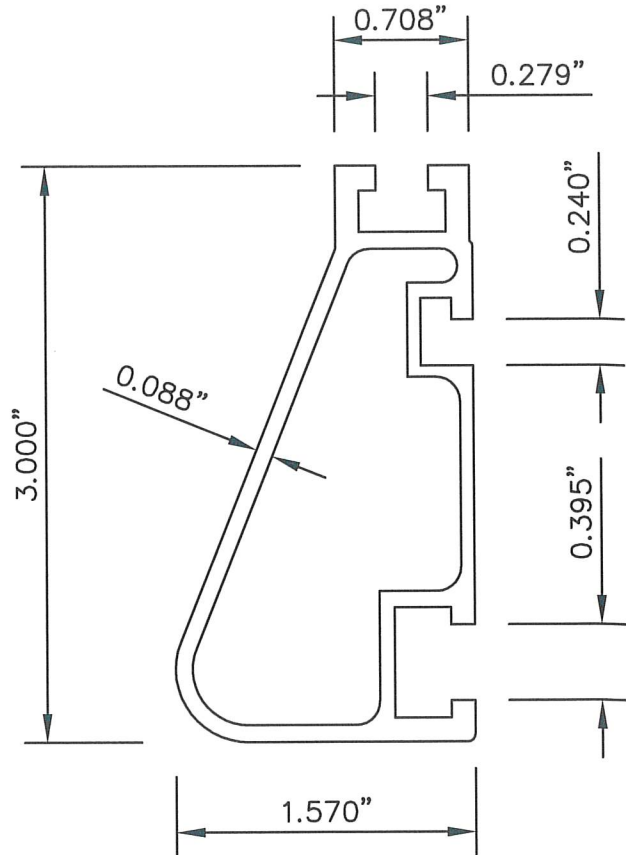
IRONRIDGE XR FLUSH MOUNT PHOTOVOLTAIC PANEL RACKING SYSTEM
WITH IRONRIDGE FLASHVUE ROOF ATTACHMENTS



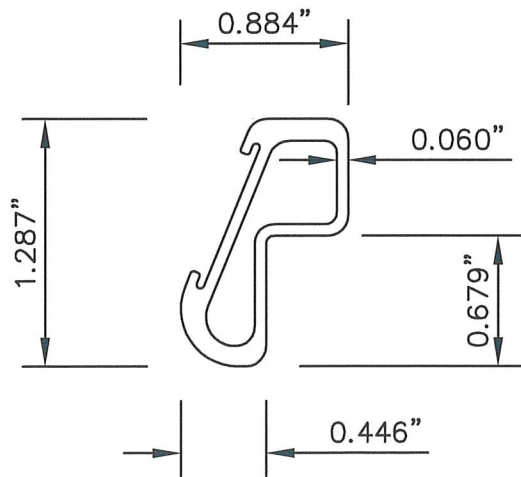
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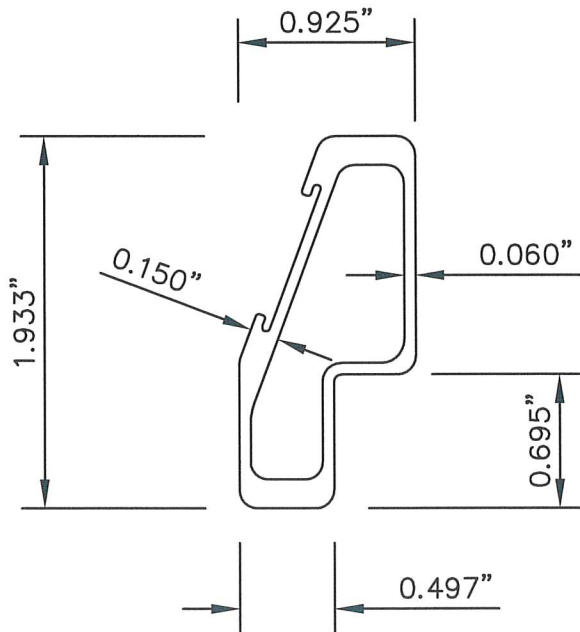
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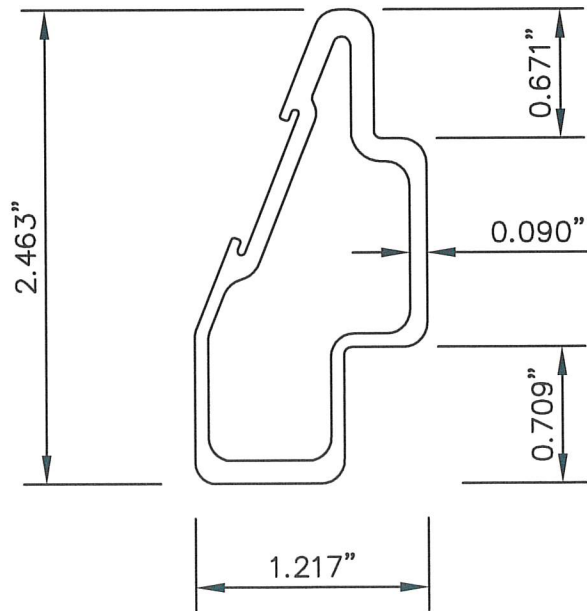
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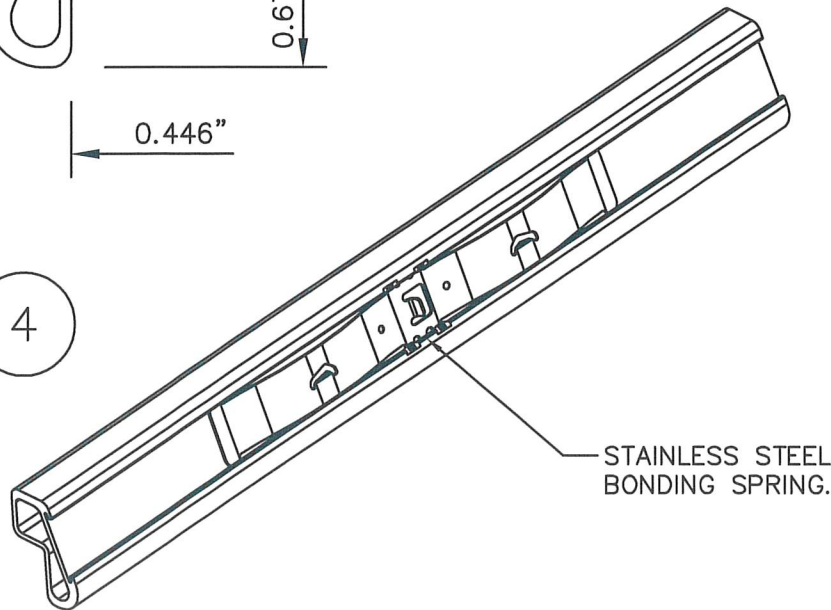
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STAINLESS STEEL
BONDING SPRING.

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