

PROJECT INFORMATION

PROPERTY OWNER

NAME: JIM LANCE

PHONE: -

CONTRACTOR

NAME: SANTAN SOLAR

PHONE: -

DESIGN SPECIFICATIONS

OCCUPANCY: R-3

CONSTRUCTION TYPE: SINGLE FAMILY RESIDENCE

ZONING: RESIDENTIAL

GROUND SNOW LOAD: 0 PSF

WIND EXPOSURE: B

WIND SPEED : 120 MPH

APPLICABLE CODES & STANDARDS

RESIDENTIAL: FLORIDA BUILDING CODE, 8TH EDITION 2023 (FBC)

BUILDING: NATIONAL ELECTRICAL CODE, NEC 2020 CODE BOOK, NFPA 70

ELECTRICAL: FLORIDA FIRE PREVENTION CODE, 8TH EDITION 2023 (FFPC)

FIRE: FLORIDA RESIDENTIAL CODE, 8TH EDITION 2023 (FRC)

TYPE OF INTERCONNECTION:

LOAD SIDE TAP IN MSP

SCOPE OF WORK

SYSTEM SIZE: STC: 42 X 445W = 18.690kW

PTC: 42 X 409.4W = 17.195kW

(42) URECO FBM445M7G-BB (445W) MODULES

(42) ENPHASE IQ8HC-72-M-US MICROINVERTERS

(1) 100A PV LOAD CENTER

(1) 100A FUSED AC DISCONNECT WITH 90A FUSES

MSP UPGRADE:

NO

MAIN BREAKER DERATE:

NO

RACKING & MOUNTING

PV ATTACHMENT TYPE: K2 SPLICE FOOT XL #14 FOR METAL ROOF

RACKING TYPE:

K2 CROSSRAIL 44-X- ROOF

MOUNT RACKING HARDWARE

LANCE RESIDENCE

NEW PHOTOVOLTAIC SYSTEM

PROJECT - 18.690 kW DC /

15.960 kW AC

SHEET #	SHEET NAME
T-1	COVER SHEET
T-2	PLAN NOTES
PV-1	SITE PLAN LAYOUT
PV-2	ATTACHMENT DETAILS
PV-3	MOUNTING DETAILS
E-1	ELECTRICAL DIAGRAM
E-1.1	ELECTRICAL CALCULATIONS
E-2	WARNING LABELS
S-1	SPEC SHEET
S-2	SPEC SHEET
S-3	SPEC SHEET
S-4	SPEC SHEET

596 E GERMANN RD  
#101GILBERT,  
AZ 85297  
LICENSE TYPE  
LICENSE #:  
PHONE # +1 (480) 584-4281

DESIGNER: OMA

LANCE  
RESIDENCE

321 SW WELL ST,  
FORT WHITE,  
FL 32038

APN:00000014350000  
DATE:10/10/2024

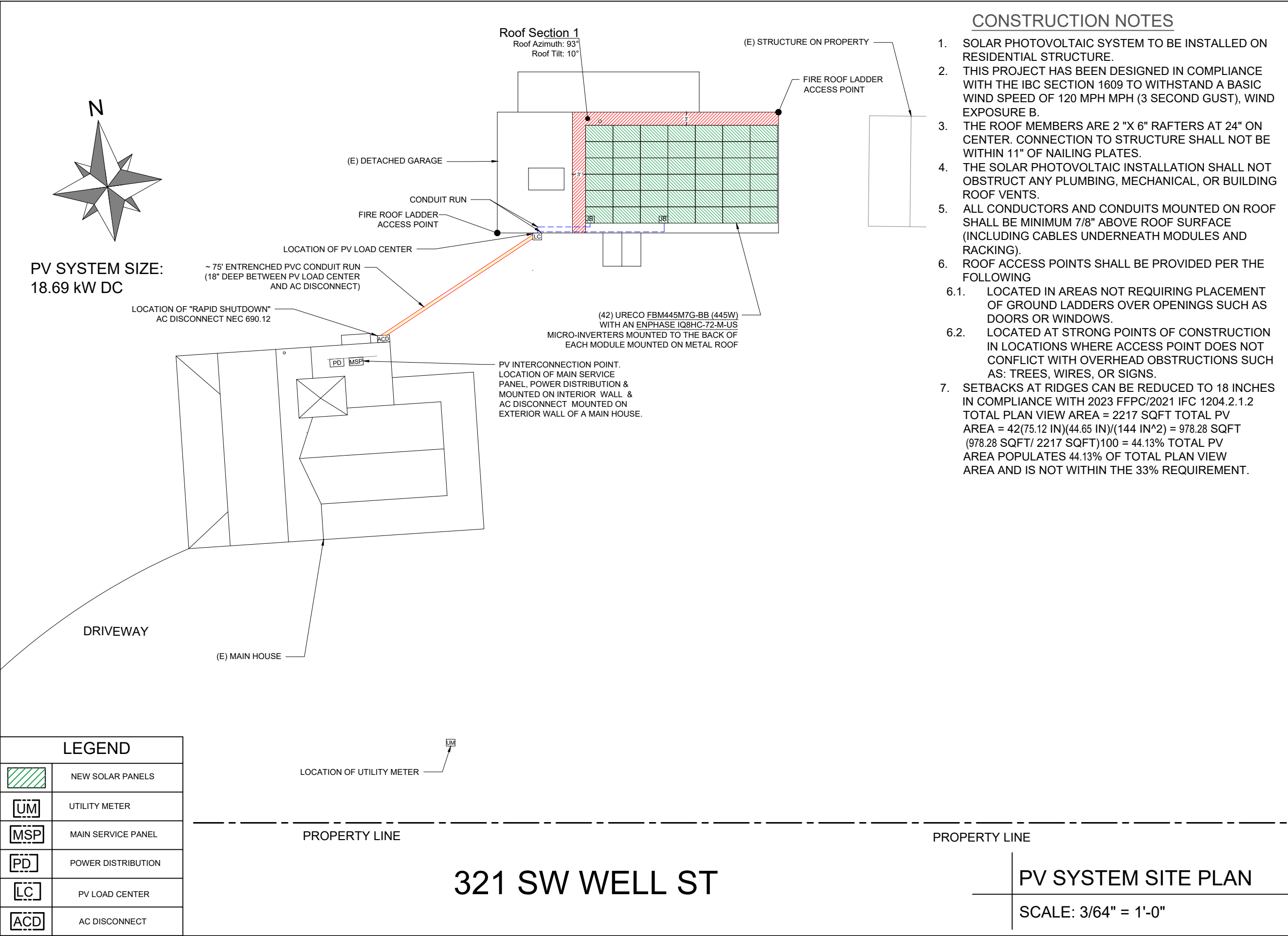
SHEET  
T-1  
COVER SHEET

COORDINATES:  
29.924887, -82.713356

AERIAL VIEW







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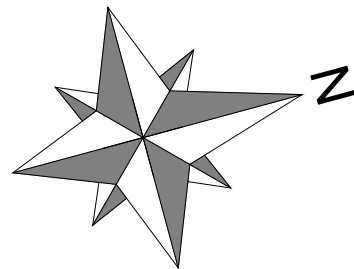
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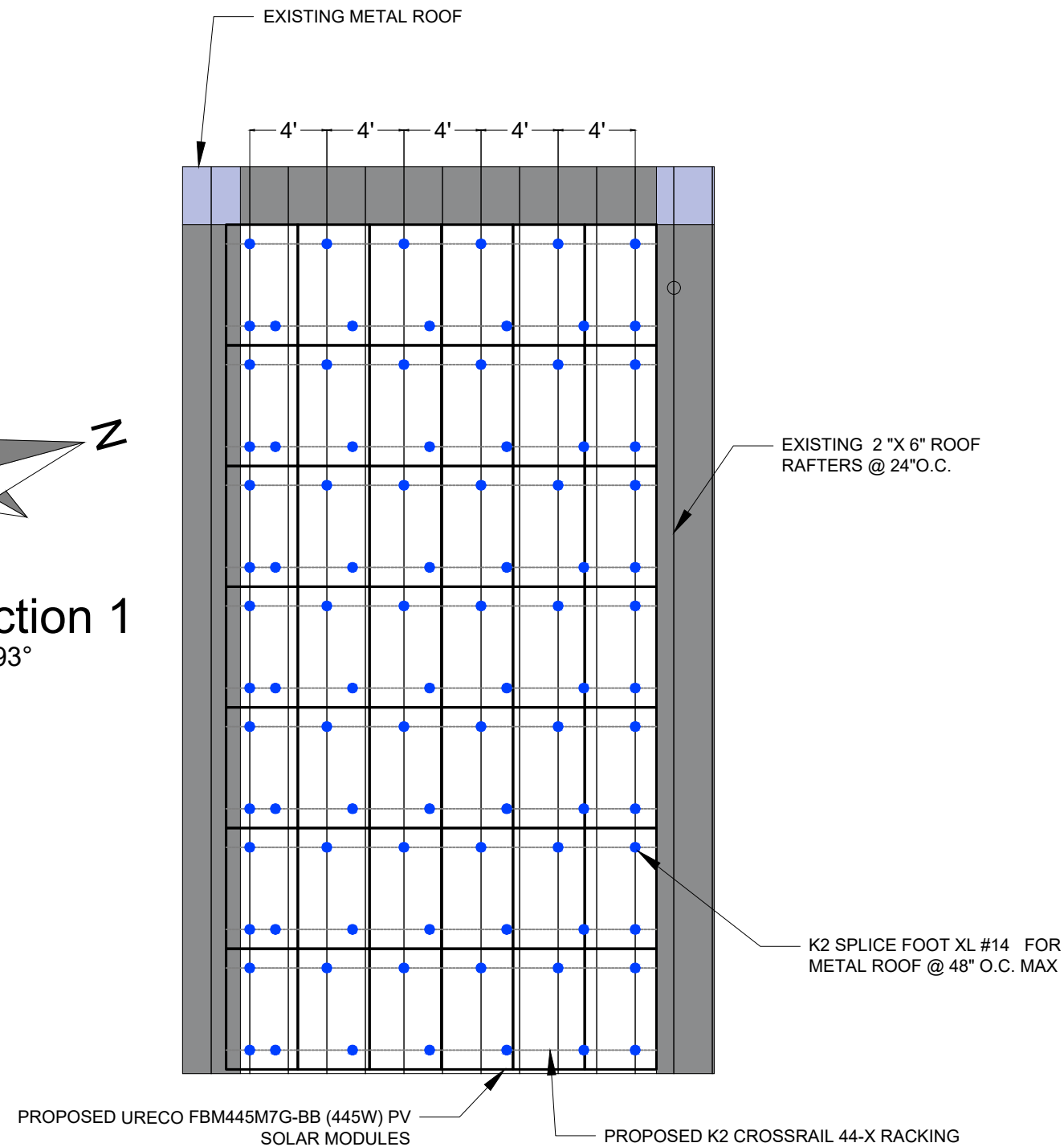
APN:00000014350000  
DATE:10/10/2024

**SHEET  
PV-1  
SITE PLAN LAYOUT**



## Roof Section 1

Roof Azimuth: 93°  
Roof Tilt: 10°



WIND LOAD INFORMATION:  
THIS SYSTEM HAS BEEN DESIGN TO MEET  
THE REQUIREMENTS OF THE 7TH EDITION OF  
THE FLORIDA BUILDING CODE AND USED  
THE FOLLOWING DESIGN PARAMETERS:  
EXPOSURE CATEGORY: B  
RISK CATEGORY: II  
MEAN ROOF HEIGHT: 15FT  
ROOF SLOPE: 7°-20°

### LEGENDS

- WIND ZONE 1
- WIND ZONE 2
- WIND ZONE 3



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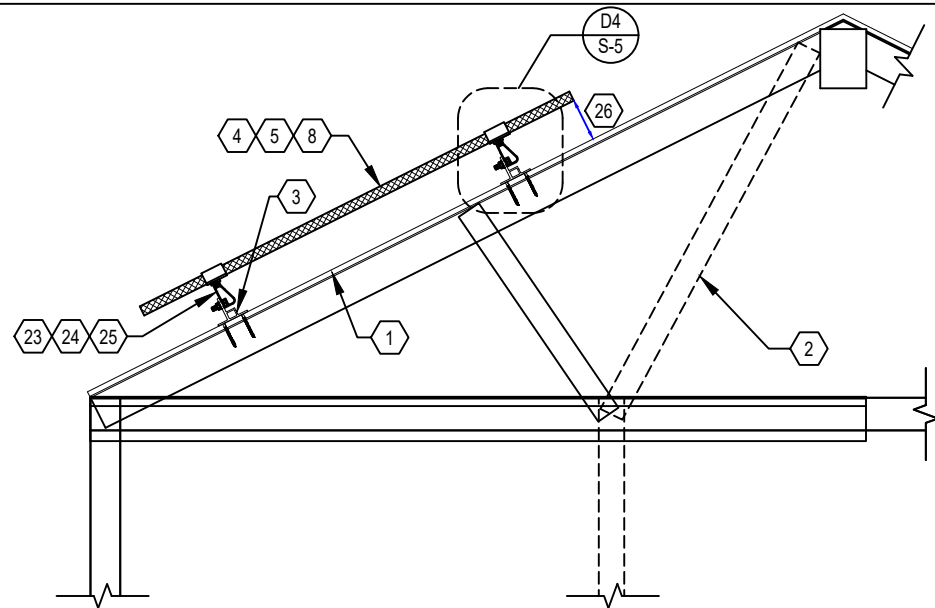
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FL 32038

APN:00000014350000  
DATE:10/10/2024

PV SYSTEM MOUNTING DETAILS

SCALE: 1/8" = 1'-0"

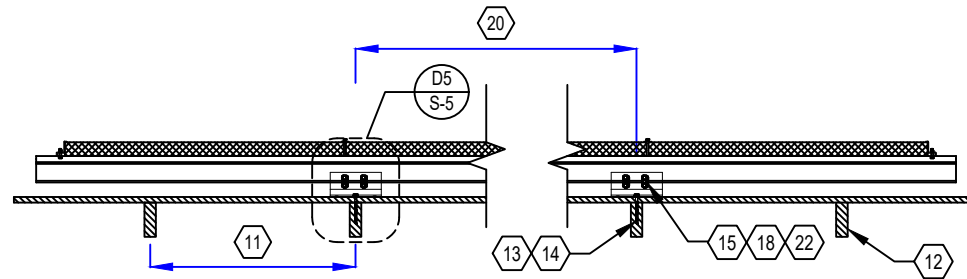
SHEET  
**PV-2**  
ATTACHMENT DETAILS



D1

## RACKING DETAIL (TRANSVERSE)

NOT TO SCALE

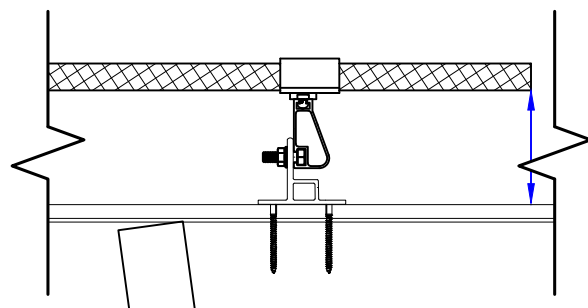


D2

## RACKING DETAIL (LONGITUDINAL)

NOT TO SCALE

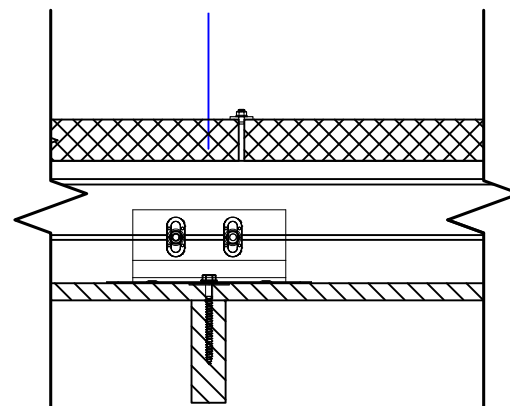
1. ROOF MATERIAL: METAL ROOF
2. ROOF STRUCTURE: RAFTERS
3. ATTACHMENT TYPE: K2 SPLICE FOOT XL #14
4. MODULE MANUFACTURER: URECO
5. MODULE MODEL: FBM445M7G-BB (445W)
6. MODULE LENGTH: 75.12"
7. MODULE WIDTH: 44.65"
8. MODULE WEIGHT: 53.35 LBS.
9. SEE SHEET S-1 FOR DIMENSION(S)
10. MIN. FIRE OFFSET: 18"
11. RAFTERS SPACING: 24" O.C.
12. RAFTERS SIZE: 2 "X 6" NOMINAL
13. LAG BOLT DIAMETER: 5/16 IN.
14. LAG BOLT EMBEDMENT: 2.5 IN.
15. TOTAL # OF ATTACHMENTS: 91
16. TOTAL AREA: 978.28 SQ. FT.
17. TOTAL WEIGHT: 2240.70 LBS.
18. WEIGHT PER ATTACHMENT: 24.62 LBS.
19. DISTRIBUTED LOAD: 2.29 PSF
20. MAX. HORIZONTAL STANDOFF: 48 IN.
21. MAX. VERTICAL STANDOFF:  
LANDSCAPE: 26 IN., PORTRAIT: 51 IN.
22. STANDOFF STAGGERING: YES
23. RAIL MANUFACTURER AND MODEL  
(OR EQUIV.): K2 CROSSRAIL 44-X
24. RAIL WEIGHT: 0.436 PLF.
25. MAX. RAFTERS SPAN: 12 FT.
26. MODULE CLEARANCE: 3 IN. MIN., 6 IN. MAX.



D4

## DETAIL (TRANSVERSE)

NOT TO SCALE



D5

## DETAIL (LONGITUDINAL)

NOT TO SCALE



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**LANCE  
RESIDENCE**

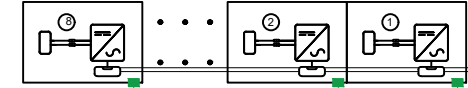
**321 SW WELL ST,  
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**APN: 00000014350000  
DATE: 10/10/2024**

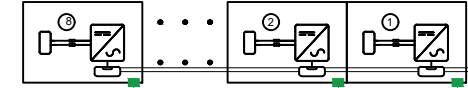
**SHEET  
PV-3  
MOUNTING DETAILS**

(N) 42 URECO FBM445M7G-BB (445W) MODULES  
WITH AN ENPHASE IQ8HC-72-M-US MICRO-INVERTER  
ATTACHED TO THE BACK OF EVERY MODULE.

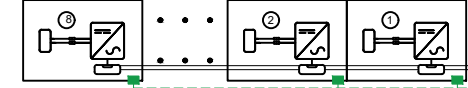
PV CIRCUIT 5: 8 MODULES/PARALLEL



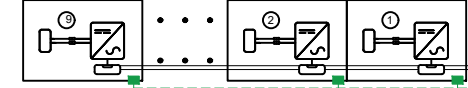
PV CIRCUIT 4: 8 MODULES/PARALLEL



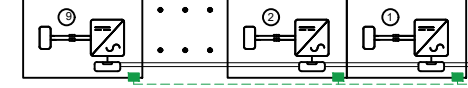
PV CIRCUIT 3: 8 MODULES/PARALLEL



PV CIRCUIT 2: 9 MODULES/PARALLEL



PV CIRCUIT 1: 9 MODULES/PARALLEL



(N) JUNCTION BOX-1  
WITH IRREVERSIBLE  
GROUND SPLICE

(N) JUNCTION BOX-2  
WITH IRREVERSIBLE  
GROUND SPLICE

GROUND LEVEL -  
HOUSE EXTERIOR -  
ROOF TOP

(N) ENPHASE IQ  
COMMERCIAL ENVOY  
COMMUNICATIONS  
GATEWAY

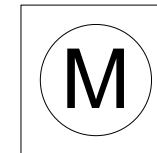
(N) 125A PV LOAD  
CENTER

(N) 100A FUSED AC  
DISCONNECT

LOAD-SIDE  
SOLAR TAP  
NEC 705. 12(B)(2)

(N) ~75' TRENCHING

POINT OF  
DELIVERY AND  
INTERCONNECTION



EXISTING WIRES

EXISTING  
240V/400A  
DISTRIBUTION BOX  
SINGLE PHASE

TO E LOADS

(E) GROUNDING  
ELECTRODE OR  
(UFER)

EXISTING WIRES

EXISTING  
240V/200A  
MAIN SERVICE PANEL  
SINGLE PHASE

NOTE: IN BETWEEN EACH ARRAY THE EMT IS USED AS THE  
GROUNDING / BONDING, GROUND CLAMPS ARE AT EACH  
END OF THE EMT CONDUIT WITH THE WIRE THEN FREE  
AIR'D TO THE GROUND CLAMP ON THE RACKING RAIL

METER # 326051410  
MAIN SERVICE PANEL  
LOAD SIDE TAP  
NEC 705. 12(B)(2) LOAD SIDE.  
POWER PRODUCTION SOURCES



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SHEET  
E-1  
ELECTRICAL DIAGRAM





⚠️

WARNING

ELECTRIC SHOCK HAZARD

DO NOT TOUCH TERMINALS  
TERMINALS ON BOTH THE LINE AND  
LOAD SIDES MAY BE ENERGIZED  
IN THE OPEN POSITION

PHOTOVOLTAIC MODULES PRODUCE DC VOLTAGE  
WHENEVER THEY ARE EXPOSED TO SUNLIGHT

LABEL LOCATION:  
INVERTER(S), AC DISCONNECT(S), AC  
COMBINER PANEL (IF APPLICABLE).  
PER CODE(S): NEC 2020: 690.13(B)

⚠️

WARNING

PHOTOVOLTAIC SYSTEM  
COMBINER PANEL

DO NOT ADD LOADS

LABEL LOCATION:  
PHOTOVOLTAIC AC COMBINER (IF  
APPLICABLE).  
PER CODE(S): NEC 2020:705.12(B)(3)(3)

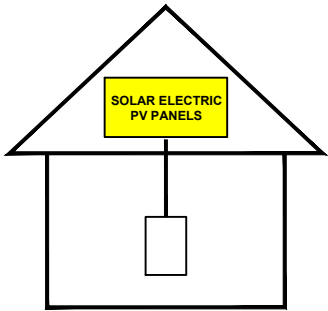
PHOTOVOLTAIC SYSTEM  
AC DISCONNECT

OPERATING VOLTAGE: 240 VOLTS  
OPERATING CURRENT: 66.36 AMPS

LABEL LOCATION:  
AC DISCONNECT(S), PHOTOVOLTAIC SYSTEM POINT OF  
INTERCONNECTION.  
PER CODE(S): NEC 2020: 690.54

SOLAR PV SYSTEM EQUIPPED  
WITH RAPID SHUTDOWN

TURN RAPID SHUTDOWN  
SWITCH TO THE "OFF"  
POSITION TO SHUT DOWN  
PV SYSTEM AND REDUCE  
SHOCK HAZARD IN THE  
ARRAY.



LABEL LOCATION:  
ON OR NO MORE THAT 3 M (10 FT) FROM THE SERVICE  
DISCONNECTING MEANS TO WHICH THE PV SYSTEMS  
ARE CONNECTED.

⚠️

WARNING

POWER SOURCE OUTPUT CONNECTION

DO NOT RELOCATE THIS  
OVERCURRENT DEVICE

LABEL LOCATION:  
ADJACENT TO PV BREAKER (IF APPLICABLE).  
PER CODE(S): , NEC 2020: 705.12(B)(3)(2)

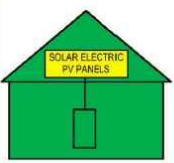
⚠️

WARNING

THIS EQUIPMENT FED BY MULTIPLE  
SOURCES. TOTAL RATING OF ALL  
OVERCURRENT DEVICES, EXCLUDING  
MAIN SUPPLY OVERCURRENT  
DEVICE, SHALL NOT EXCEED  
AMPACITY OF BUSBAR.

EMERGENCY RESPONDER  
THIS SOLAR PV SYSTEM IS  
EQUIPPED WITH RAPID SHUTDOWN

TURN RAPID SHUTDOWN  
SWITCH TO THE 'OFF'  
POSITION TO SHUT DOWN  
THE ENTIRE PV SYSTEM.



NEC690.56(C)(1) AND NFPA 111.12.2.1.1.1,11.12.2.1.4

⚠️

WARNING

⚠️

DUAL POWER SUPPLY

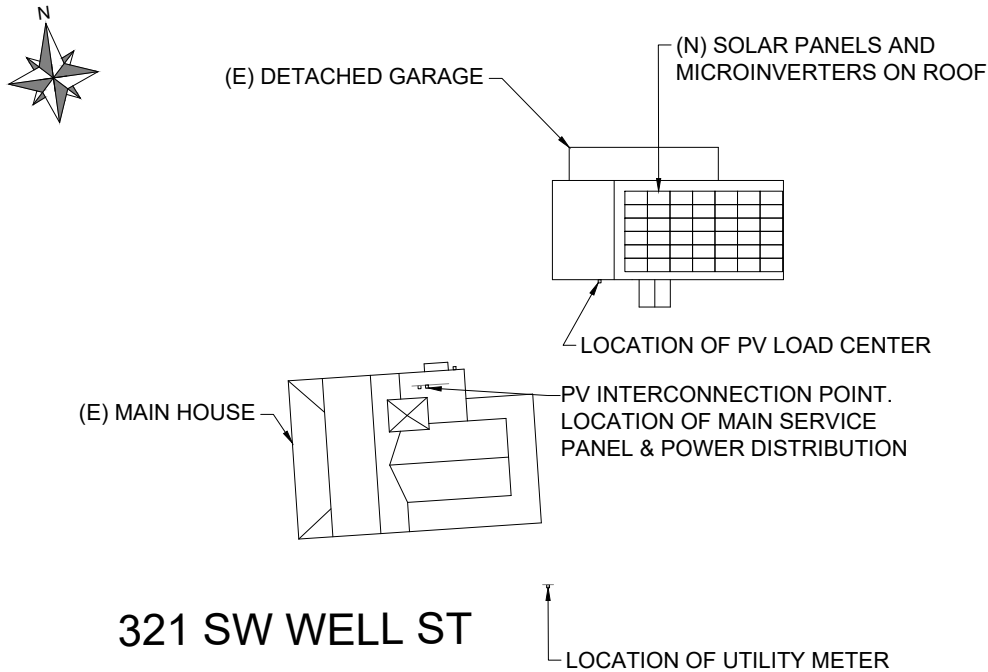
SOURCES: UTILITY GRID AND  
PV SOLAR ELECTRIC SYSTEM

FCDLABELS.COM 02-023


RAPID SHUTDOWN SWITCH  
FOR SOLAR PV SYSTEM

LABEL LOCATION:  
UTILITY SERVICE ENTRANCE/METER, INVERTER/DC  
DISCONNECT IF REQUIRED BY LOCAL AHJ, OR  
OTHER LOCATIONS AS REQUIRED BY LOCAL AHJ.  
PER CODE(S): NEC 2020: 690.56(C)(2)

CAUTION:  
POWER TO THIS BUILDING IS  
ALSO SUPPLIED FROM THE  
FOLLOWING SOURCES WITH  
DISCONNECTS AS SHOWN



CAUTION  
SOLAR CIRCUIT



PERMANENT SIGNAGE NOTES:

- NOT ALL PLACARDS SHOWN MAY BE REQUIRED BY LOCAL AHJ. CONTRACTOR TO VERIFY PLACARD REQUIREMENTS WITH LOCAL AHJ BEFORE INSTALLATION.
- ALL PLAQUES AND SIGNAGE REQUIRED BY THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE
- ALTERNATE POWER SOURCE PLACARD SHALL BE METALLIC OR PLASTIC, ENGRAVED OR MACHINE PRINTED LETTERS IN A CONTRASTING COLOR TO THE PLAQUE. THIS PLAQUE WILL BE ATTACHED BY POP RIVETS OR SCREWS OR OTHER APPROVED METHOD.
- DIRECTORY PLACARD MARKING CONTENT AND FORMAT: RED BACKGROUND, WHITE LETTERING, MINIMUM 3/8" LETTER HIEGHT, ALL CAPITAL LETTERS, ARIAL OR SIMILAR FONT, NON BOLD, REFLECTIVE WEATHER RESISTANT MATERIAL SUITABLE FOR THE ENVIRONMENT.



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SHEET  
E-2  
WARNING LABELS





FBM445M7G-BB / 120 cells  
445 Watt Mono-Crystalline PV Module

URE modules use state-of-the-art cell cutting technology, and advanced module manufacturing experience to provide leading power density and long term reliability.



UL 61730, CE-compliant  
Quality Controlled PV-TÜV  
SUD IEC 61215:2016,  
IEC 61730:2016  
Type 1/Class C Fire Rating

Key Features



At 445 Watts and 20.57% Efficiency URE Solar Panels are Industry Leaders in Output and Efficiency



25 Year Output Warranty and 25 Year Product Guarantee



Super All Black Design with more Uniform Appearance for High Profile Residential Installations



High Quality Solar Cell Technology allows URE to be a major international exporter to Solar Module manufacturers in the United States and Europe



Excellent Performance in Low Light and Poor Weather Conditions to Maximize Energy Harvest



Winner of Taiwan Excellence Award 7 Consecutive Years for Highest Efficiency Module

THE IDEAL SOLUTION FOR:



Rooftop arrays on residential buildings



Residential ground mount arrays



UNITED RENEWABLE ENERGY

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Electrical Data

Model - STC		FBM440M7G-BB	FBM445M7G-BB	FBM450M7G-BB	FBM455M7G-BB
Maximum Rating Power (Pmax)	[W]	440	445	450	455
Module Efficiency	[%]	20.34	20.57	20.80	21.03
Open Circuit Voltage (Voc)	[V]	41.70	41.90	42.10	42.30
Maximum Power Voltage	[V]	34.60	34.80	35.00	35.20
Short Circuit Current (Isc)	[A]	13.41	13.48	13.56	13.63
Maximum Power Current	[A]	12.72	12.79	12.86	12.93

\*Standard Test Condition (STC): Cell Temperature 25 °C, Irradiance 1000 W/m², AM 1.5  
\*Values without tolerance are typical numbers.Measurement tolerance: ± 3%

Mechanical Data

Item	Specification
Dimensions	1908 mm (L) <sup>1</sup> x 1134 mm (W) <sup>1</sup> x 35 mm (D) <sup>2</sup> / 75.12" (L) <sup>1</sup> x 44.65" (W) <sup>1</sup> x 1.38" (D) <sup>2</sup>
Weight	24.2 kg / 53.35 lbs
Solar Cell	12x10 pieces monocrystalline solar cells series strings
Front Glass	White toughened safety glass, 3.2mm thickness
Cell Encapsulation	EVA (Ethylene-Vinyl-Acetate)
Back Cover	Black composite film
Frame	Black anodized aluminum profile
Junction Box	IP 68, 3 diodes
Connectors Type	Staubli MC4
Cable	1200mm (cable length can be customized), 4mm²
Package Configuration	31 pcs Per Pallet, 744 pcs per 40' HQ container

<sup>1</sup> : With assembly tolerance of ± 2 mm [ ± 0.08" ]  
<sup>2</sup> : With assembly tolerance of ± 0.8 mm [ ± 0.03" ]

Operating Conditions

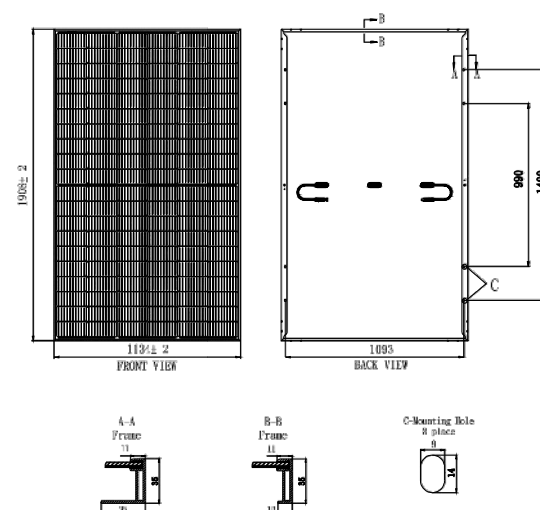
Item	Specification
Mechanical Load	5400 Pa
Maximum System Voltage	1000V
Series Fuse Rating	30 A
Operating Temperature	-40 to 85 °C

Temperature Characteristics

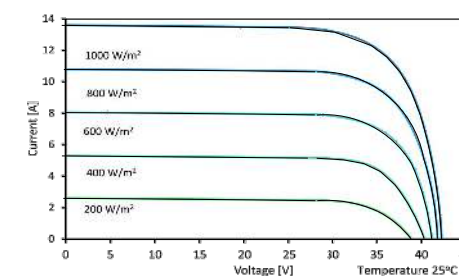
Item	Specification
Nominal Module Operating Temperature	45°C ± 2°C
Temperature Coefficient of Isc	0.048 % / °C
Temperature Coefficient of Voc	-0.27 % / °C
Temperature Coefficient of Pmax	-0.33 % / °C

\*Nominal module operating temperature (NMOT): Air mass AM 1.5, irradiance 800W/m², temperature 20°C, windspeed 1 m/s.  
\*Reduction in efficiency from 1000W/m² to 200W/m² at 25°C: 3.5 ± 2%.

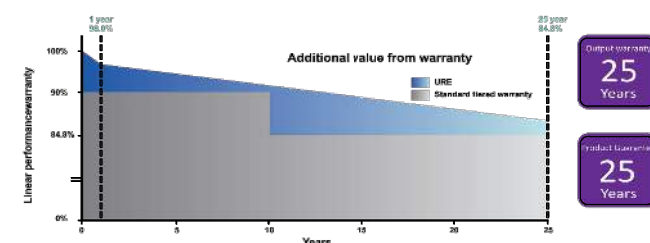
Engineering Drawing (mm)



Dependence on Irradiance



Reliability with Warranty



UNITED RENEWABLE ENERGY

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SHEET  
S-1  
SPEC SHEET





DATA SHEET



## IQ8HC Microinverter

Our newest IQ8 Series Microinverters are the industry's first microgrid-forming\*, software-defined microinverters with split-phase power conversion capability to convert DC power to AC power efficiently. The brain of the semiconductor-based microinverter is our proprietary application-specific integrated circuit (ASIC), which enables the microinverter to operate in grid-tied or off-grid modes. This chip is built in advanced 55-nm technology with high-speed digital logic and has superfast response times to changing loads and grid events, alleviating constraints on battery sizing for home energy systems.



Part of the Enphase Energy System, IQ8 Series Microinverters integrate with the IQ Battery, IQ Gateway, and the Enphase App monitoring and analysis software.



Connect PV modules quickly and easily to the IQ8 Series Microinverters that have integrated MC4 connectors.



IQ8 Series Microinverters redefine reliability standards with more than one million cumulative hours of power-on testing, enabling an industry-leading limited warranty of up to 25 years.



IQ8 Series Microinverters are UL Listed as PV rapid shutdown equipment and conform with various regulations when installed according to the manufacturer's instructions.

### Easy to install

- Lightweight and compact with plug-and-play connectors
- Power line communication (PLC) between components
- Faster installation with simple two-wire cabling

### High productivity and reliability

- Produces power even when the grid is down\*
- More than one million cumulative hours of testing
- Class II double-insulated enclosure
- Optimized for the latest high-powered PV modules

### Microgrid-forming

- Complies with the latest advanced grid support
- Remote automatic updates for the latest grid requirements
- Configurable to support a wide range of grid profiles
- Meets CA Rule 21 (UL 1741-SA) and IEEE 1547-2018 (UL 1741-SB)

### NOTE:

- IQ8 Series Microinverters cannot be mixed together with previous generations of Enphase microinverters (IQ7 Series, IQ6 Series, and so on) in the same system.
- IQ Microinverters ship with default settings that meet North America's IEEE 1547 interconnection standard requirements. Region-specific adjustments may be requested by an Authority Having Jurisdiction (AHJ) or utility representative, according to the IEEE 1547 interconnection standard. An IQ Gateway is required to make these changes during installation.

## IQ8HC Microinverter

INPUT DATA [DC]	UNITS	IQ8HC-72-M-US/IQ8HC-72-M-DOM-US <sup>1</sup>
Commonly used module pairings <sup>2</sup>	W	320-540
Module compatibility	—	To meet compatibility, PV modules must be within the maximum input DC voltage and maximum module $I_{sc}$ listed below. Module compatibility can be checked at <a href="https://enphase.com/installers/microinverters/calculator">https://enphase.com/installers/microinverters/calculator</a> .
MPPT voltage range	V	29.5-45
Operating range	V	18-58
Minimum/Maximum start voltage	V	22/58
Maximum input DC voltage	V	60
Maximum continuous operating DC current	A	14
Maximum input DC short-circuit current	A	25
Maximum module $I_{sc}$	A	20
Overvoltage class DC port	—	II
DC port backfeed current	mA	0
PV array configuration	—	Ungrounded array; no additional DC side protection required; AC side protection requires max. 20 A per branch circuit

OUTPUT DATA [AC]	UNITS	IQ8HC-72-M-US @240 VAC IQ8HC-72-M-DOM-US @240 VAC	IQ8HC-72-M-US @208 VAC IQ8HC-72-M-DOM-US @ 208 VAC
Peak output power	VA	384	366
Maximum continuous output power	VA	380	360
Nominal grid voltage (L-L)	V	240, split-phase (L-L), 180°	208, single-phase (L-L), 120°
Minimum and maximum grid voltage <sup>3</sup>	V	211-264	183-229
Maximum continuous output current	A	1.58	1.73
Nominal frequency	Hz	60	
Extended frequency range	Hz	47-68	
AC short-circuit fault current over three cycles	A <sub>sc</sub>	2.70	
Maximum units per 20 A (L-L) branch circuit <sup>4</sup>	—	10	9
Total harmonic distortion	%	<5	
Overvoltage class AC port	—	III	
AC port backfeed current	mA	18	
Power factor setting	—	1.0	
Grid-tied power factor (adjustable)	—	0.85 leading ... 0.85 lagging	
Peak efficiency	%	97.3	97.2
CEC weighted efficiency	%	97.0	96.5
Nighttime power consumption	mW	22	26

MECHANICAL DATA		
Ambient temperature range	°C (°F)	-40 to 65 (-40 to 149)
Relative humidity range	%	4 to 100 (condensing)
DC connector type	—	Stäubli MC4
Dimensions (H x W x D); Weight	mm (in.); kg (lb)	212 (8.3) x 175 (6.9) x 30.2 (1.2); 1.1 (2.43)
Cooling	—	Natural convection - no fans
Approved for wet locations; Pollution degree	—	Yes; PD3
Enclosure	—	Class II double-insulated, corrosion-resistant polymeric enclosure
Environmental category; UV exposure rating	—	NEMA Type 6; outdoor

<sup>1</sup> IQ8HC-72-M-DOM-US is undergoing compliance, and the specs are preliminary. This SKU is made in the USA, and the PCBs, Electrical Parts, and Enclosure are domestically manufactured to meet the requirements of eligibility to be considered for the ITC domestic content bonus adder.

<sup>2</sup> No enforced DC/AC ratio.

<sup>3</sup> Nominal voltage range can be extended beyond nominal if required by the utility.

<sup>4</sup> Limits may vary. Refer to local requirements to define the number of microinverters per branch in your area.

IQ8HC-MC4-DSH-00047-5.0-EN-US-2024-07-19



596 E GERMANN RD  
#101 GILBERT,  
AZ 85297  
LICENSE TYPE  
LICENSE #:  
PHONE # +1 (480) 584-4281

DESIGNER: OMA

LANCE  
RESIDENCE

321 SW WELL ST,  
FORT WHITE,  
FL 32038

APN: 00000014350000  
DATE: 10/10/2024

SHEET  
S-2  
SPEC SHEET

\*Meets UL 1741 only when installed with IQ System Controller 2 or 3.

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IQ8HC-MC4-DSH-00047-5.0-EN-US-2024-07-19

CONNECTING STRENGTH



CROSSRAIL 44-X



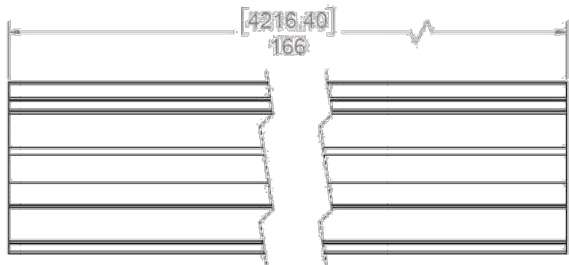
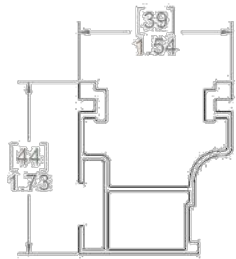
Mechanical Properties

	CrossRail 44-X
Material	6000 Series Aluminum
Ultimate Tensile Strength	37.7 ksi [260 MPa]
Yield Strength	34.8 ksi [240 MPa]
Weight	0.47 lbs/ft [0.699 kg/m]
Finish	Mill or Dark Anodized

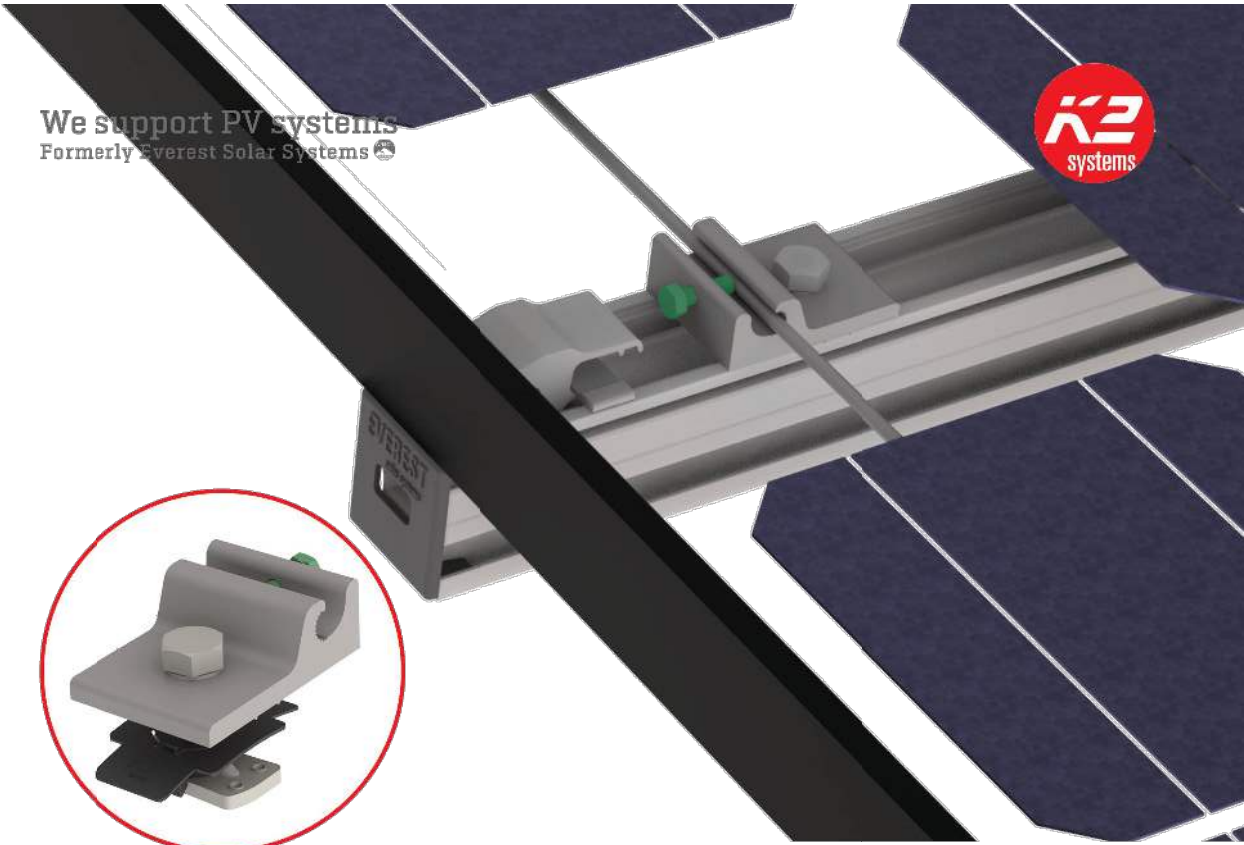
Sectional Properties

	CrossRail 44-X
Sx	0.1490 in3 [0.3785 cm3]
Sy	0.1450 in3 [0.3683 cm3]
A [X-Section]	0.4050 in2 [1.0287 cm2]

Units: [mm] in



- Notes:
- ▶ Structural values and span charts determined in accordance with Aluminum Design Manual and ASCE 7-16
  - ▶ UL2703 Listed System for Fire and Bonding



Everest Ground Lug

PRODUCT SHEET

Part Number	Description
4000006-H	Everest Ground Lug Set, 13mm Hex

- ▶ Top mount configuration
- ▶ No copper wire bending makes for simple installation
- ▶ MK3 technology provides highest rail engagement
- ▶ UL 2703 Listed
- ▶ Compatible with 8AWG and 6AWG solid copper wire
- ▶ Works with all CrossRail profiles.



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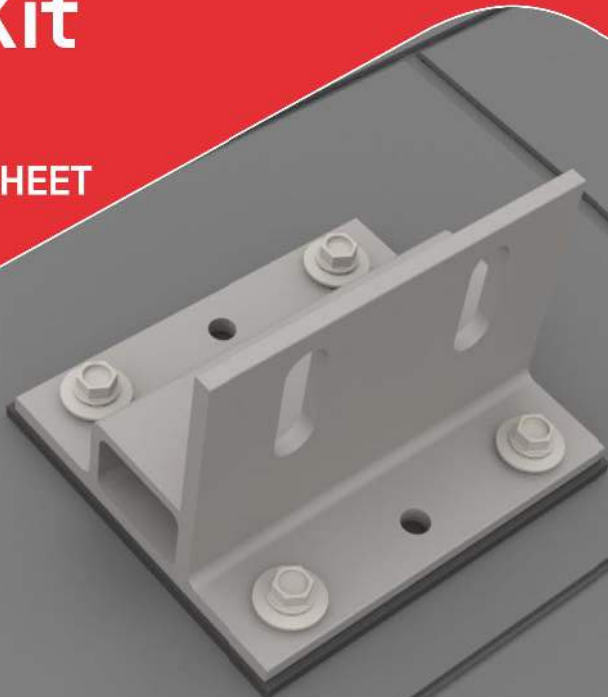
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DATE:10/10/2024

SHEET  
S-3  
SPEC SHEET

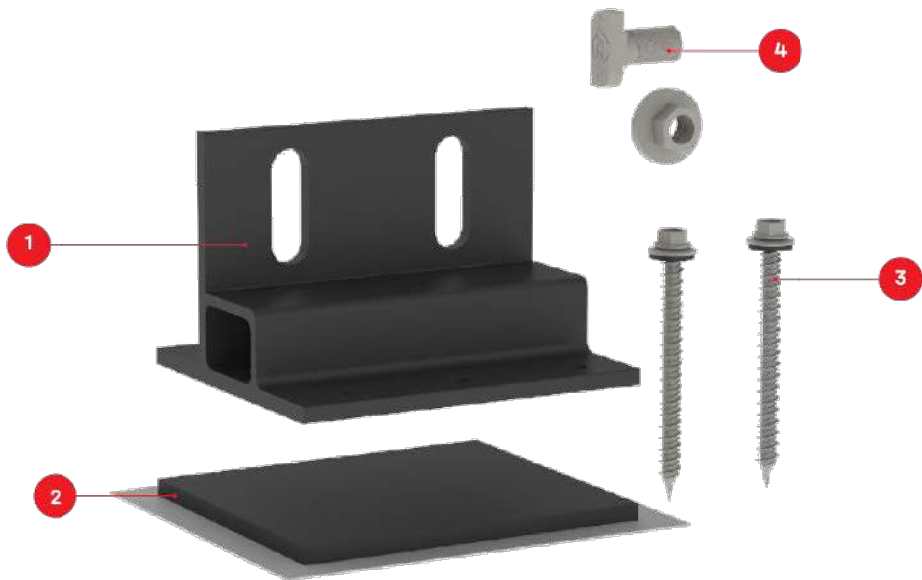


# Splice Foot XL #14 Kit

DATA SHEET



## TECHNICAL DATA



## Splice Foot XL

Item Number	Description	Part Number
1	Splice Foot XL	4000165   Splice Foot XL #14 Kit, Dark 4000300   Splice Foot XL #14 Kit, Mill
2	K2 EverSeal	
3	#14 × 3in x 5/16in Hex Head Screw	
4	T-Bolt & Hex Nut Set	

	Splice Foot XL
Roof Type	Composition shingle, EPDM, TPO, Bitumen, Asphalt
Material	Aluminum with stainless steel hardware
Finish	MILL
Roof Connection	#14 × 3in x 5/16in Hex Head Screw
Code Compliance	UL 2703
Compatibility	CrossRail 44-X, 48-X, 48-XL, 80



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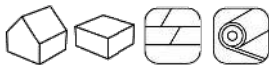
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SHEET  
S-4  
SPEC SHEET

## PRODUCT FEATURES



- / All-in-one mount and splice foot
- / K2 EverSeal technology
- / Available in mill and dark
- / 30+ years of proven water sealing technology on asphalt
- / Optimized for CrossRail systems and components
- / No L-Foot needed
- / T-Bolt hardware included