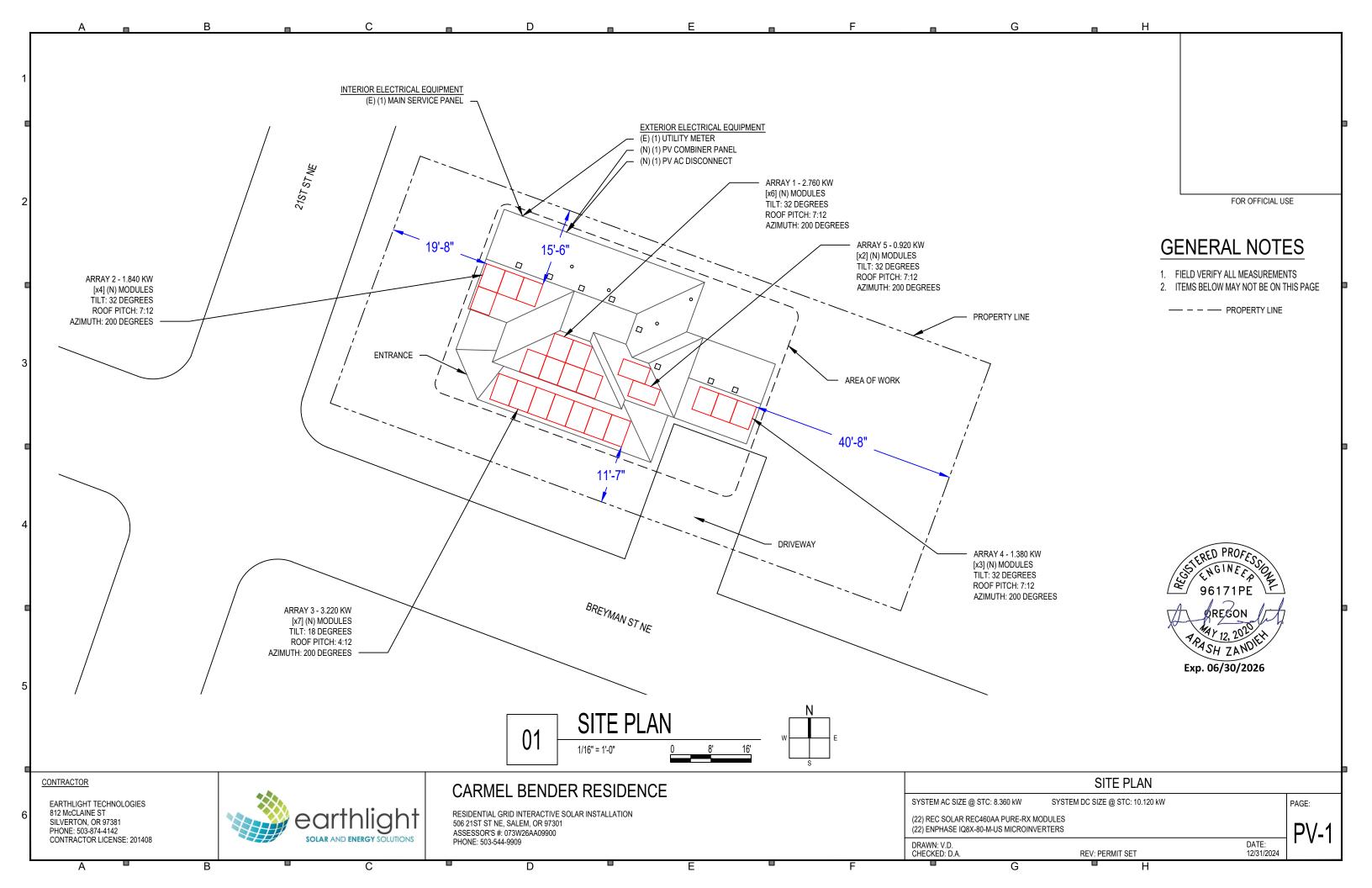
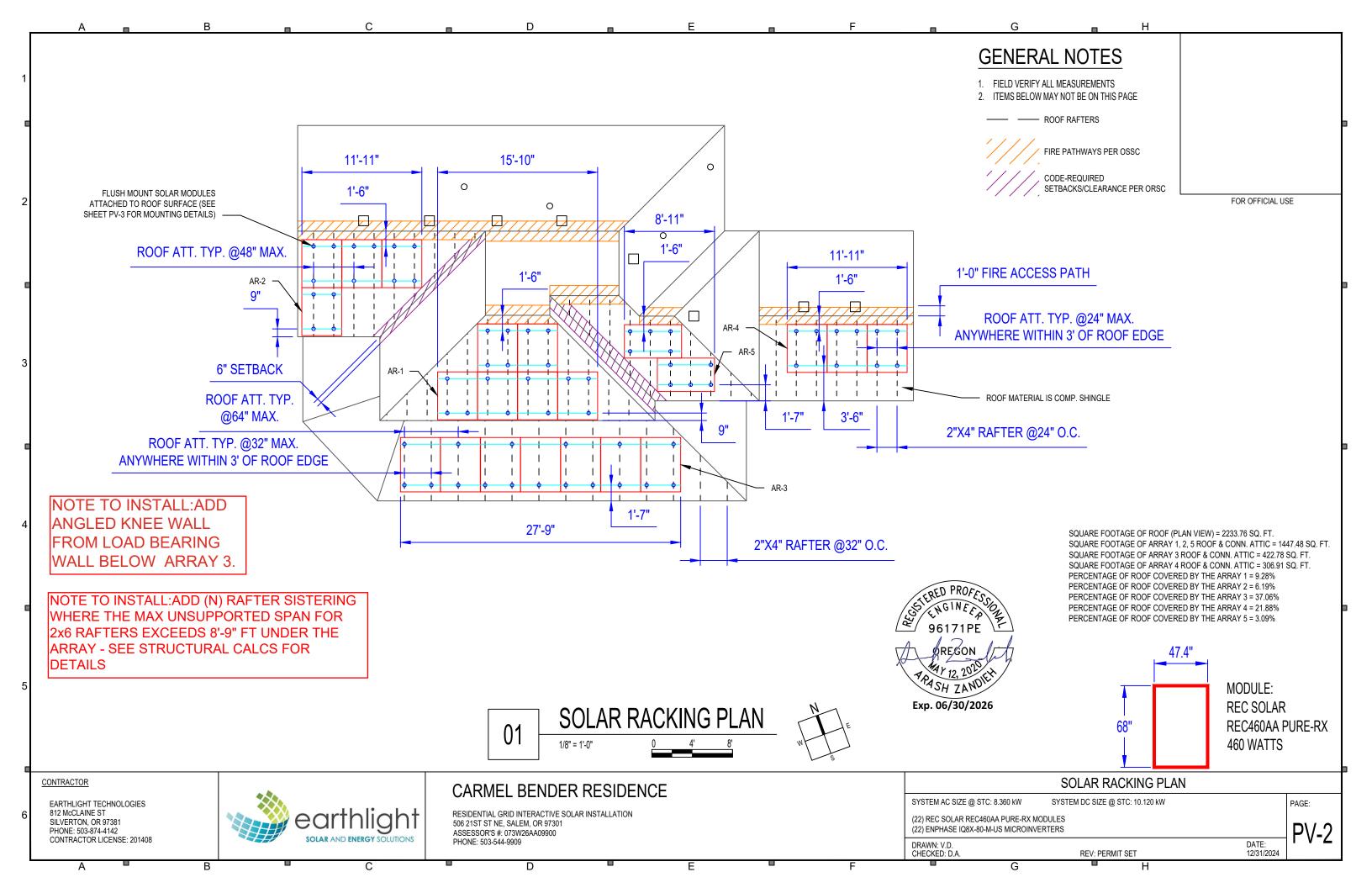
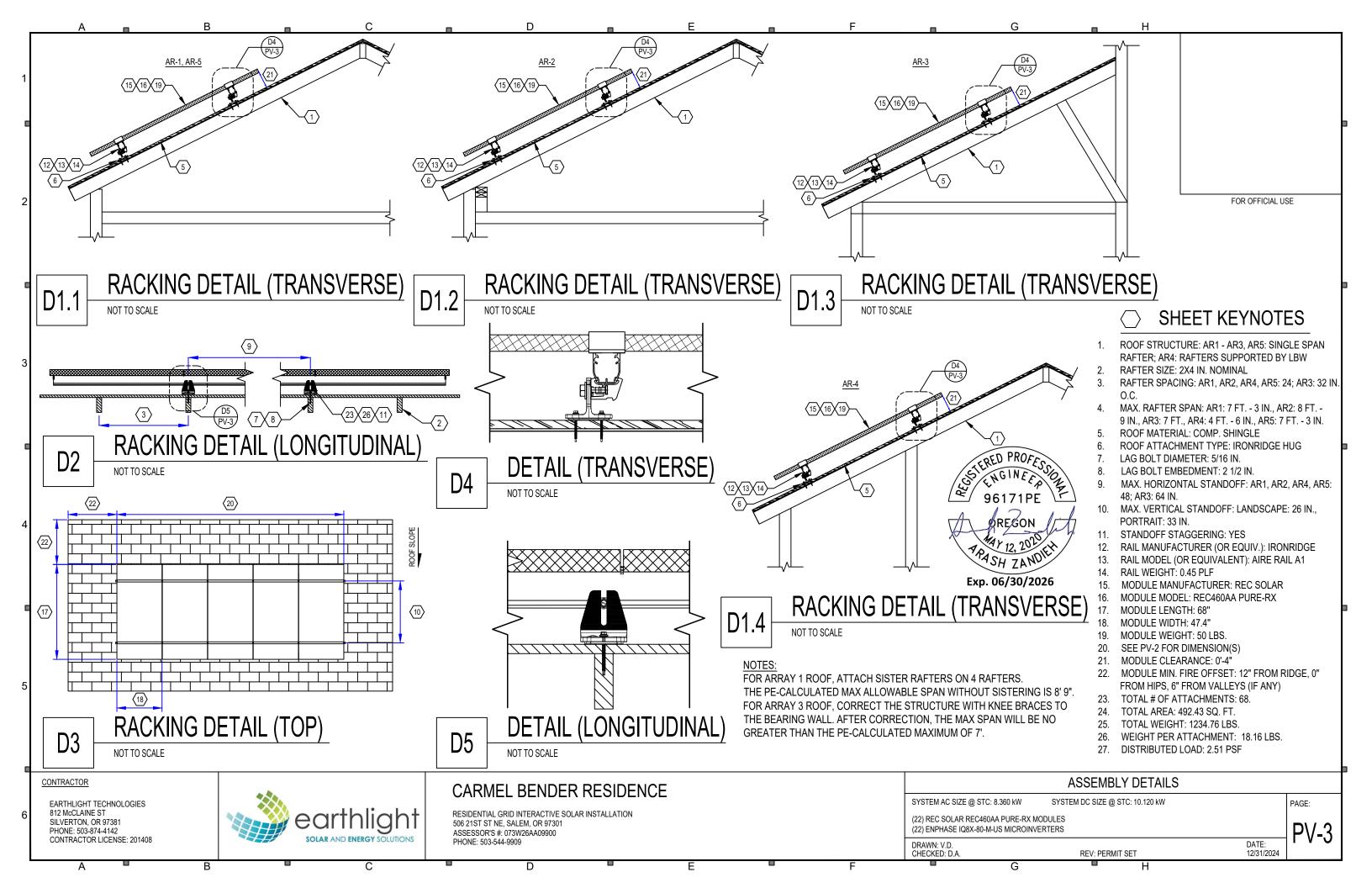
NEW PV SYSTEM: 10.120 kWp **GENERAL NOTES** 1.1.2 THIS PHOTOVOLTAIC (PV) SYSTEM SHALL COMPLY WITH THE NATIONAL ELECTRIC CODE (NEC) ARTICLE 690, ALL MANUFACTURERS'S LISTING AND INSTALLATION INSTRUCTIONS, AND THE CARMEL BENDER RESIDENCE RELEVANT CODES AS SPECIFIED BY THE AUTHORITY HAVING JURISDICTION'S (AHJ) APPLICABLE 1.1.3 THE UTILITY INTERCONNECTION APPLICATION MUST BE APPROVED AND PV SYSTEM INSPECTED PRIOR TO PARALLEL OPERATION. ALL PV SYSTEM COMPONENTS; MODULES, UTILITY-INTERACTIVE INVERTERS, AND SOURCE CIRCUIT COMBINER BOXES ARE IDENTIFIED AND LISTED FOR USE IN PHOTOVOLTAIC SYSTEMS AS 506 21ST ST NE, REQUIRED BY NEC 690.4 & NEC 690.60: PV MODULES: UL1703, IEC61730, AND IEC61215, AND TYPE 1 FIRE RATING INVERTERS: UL 1741 CERTIFIED, IEEE 1547, 929, 519 COMBINER BOX(ES): UL 1703 OR UL 1741 ACCESSORY. PV MOUNTING SYSTEM: UL2703, AND CLASS A FIRE RATED PER **SALEM, OR 97301** UL 2703. FOR OFFICIAL USE .1.5 NEC 690.35 REFERS SPECIFICALLY TO "UNGROUNDED" PV POWER SYSTEMS. ALSO DESIGNATED AS "TRANSFORMERLESS" BY INVERTER MANUFACTURERS AND "NON-ISOLATED" BY ASSESSOR'S #: 073W26AA09900 .1.6 INVERTER(S) USED IN UNGROUNDED SYSTEM SHALL BE LISTED FOR THIS USE [NEC 690.35 (G)]. AS SPECIFIED BY THE AHJ, EQUIPMENT USED IN UNGROUNDED SYSTEMS LABELED ACCORDING MAX DC VOLTAGE CALCULATED USING MANUFACTURER PROVIDED TEMP COEFFICIENT FOR VOC. IF UNAVAILABLE, MAX DC VOLTAGE CALCULATED ACCORDING TO NEC 690.7. ALL INVERTERS, PHOTOVOLTAIC MODULES, PHOTOVOLTAIC PANELS, PHOTOVOLTAIC MOUNTING SYSTEMS. AND SOURCE CIRCUIT COMBINERS INTENDED FOR USE IN A PHOTOVOLTAIC POWER SYSTEM WILL BE IDENTIFIED AND LISTED FOR THE APPLICATION PER 690.4 (D). SHALL BE INSTALLED ACCORDING TO ANY INSTRUCTIONS FROM LISTING OR LABELING INEC 110.31. 1.10 ALL SIGNAGE TO BE PLACED IN ACCORDANCE WITH LOCAL BUILDING CODE. IF EXPOSED TO SUNLIGHT. IT SHALL BE UV RESISTANT. ALL PLAQUES AND SIGNAGE WILL BE INSTALLED AS REQUIRED BY THE NEC AND AHJ. SHEET LIST TABLE PROJECT INFORMATION SCOPE OF WORK SHEET NUMBER PRIME CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND SPECIFICATIONS OF THE GRID-TIED NAME: CARMEL BENDER PHOTOVOLTAIC SYSTEM RETROFIT. PRIME CONTRACTOR WILL BE RESPONSIBLE FOR G-1 COVER PAGE PHONE: 503-544-9909 COLLECTING EXISTING ONSITE REQUIREMENTS TO DESIGN, SPECIFY, AND INSTALL THE E-MAIL: CARMEL.E.BENDER@GMAIL.COM EXTERIOR ROOF-MOUNTED PORTION OF THE PHOTOVOLTAIC SYSTEMS DETAILED IN THIS G-2 NOTES PROJECT MANAGER **AERIAL PHOTO** PV-1 SITE PLAN NAMF: CHARLES BONVILLE WORK INCLUDES: PHOTOVOLTAIC MOUNTING SYSTEMS - IRONRIDGE HUG PV-2 PHONE: 503-874-4142 SOLAR RACKING PLAN PV RACKING SYSTEM INSTALLATION - IRONRIDGE AIRE RAIL A1 NOT TO SCALE PV-3 ASSEMBLY DETAILS CONTRACTOR 1.3.4 PV MODULE AND INVERTER INSTALLATION - REC SOLAR REC460AA PURE-RX SOLAR MODULES / ENPHASE IQ8X-80-M-US MICROINVERTERS NAME: EARTHLIGHT TECHNOLOGIES PV-4 ELECTRICAL PLAN PHONE: 1.3.5 PV EQUIPMENT GROUNDING 503-874-4142 1.3.6 PV SYSTEM WIRING TO A ROOF-MOUNTED JUNCTION BOX PV-5 LINE DIAGRAM PV LOAD CENTERS (IF INCLUDED) **AUTHORITIES HAVING JURISDICTION** 1.3.8 PV METERING/MONITORING (IF INCLUDED) ELECTRICAL: SALEM CITY PV-6 DESIGN TABLES 21ST ST, 1.3.9 PV DISCONNECTS BUILDING: SALEM CITY 1.3.10 PV FINAL COMMISSIONING PV-7 PLACARDS & LABELS ZONING: SALEM CITY 1.3.11 (E) ELECTRICAL EQUIPMENT RETROFIT FOR PV UTILITY: PGE PV-8 RESOURCE DOCUMENT 1.3.12 SIGNAGE PLACED IN ACCORDANCE WITH LOCAL BUILDING CODE **DESIGN SPECIFICATIONS** PV-9 RESOURCE DOCUMENT OCCUPANCY: CONSTRUCTION: SINGLE-FAMILY BREYMAN ST NE PV-10 RESOURCE DOCUMENT SCOPE OF WORK ZONING: RESIDENTIAL SYSTEM SIZE: STC: 22 X 460W = 10.120KW PV-11 RESOURCE DOCUMENT RISK CATEGORY: PTC: 22 X 438.8W = 9.654KW GROUND SNOW LOAD: 25 PSF (22) REC SOLAR REC460AA PURE-RX MODULES PV-12 RESOURCE DOCUMENT WIND EXPOSURE: (22) ENPHASE IQ8X-80-M-US MICROINVERTERS WIND SPEED: 98 MPH Exp. 06/30/2026 **APPLICABLE CODES & STANDARDS PLOT MAP** 2023 NEC. 2023 ORSC. 2022 OSSC & 2023 OESC ATTACHMENT TYPE: IRONRIDGE HUG NOT TO SCALE MSP UPGRADE: NO CONTRACTOR **COVER PAGE** CARMEL BENDER RESIDENCE SYSTEM AC SIZE @ STC: 8.360 kW SYSTEM DC SIZE @ STC: 10.120 kW PAGE: **EARTHLIGHT TECHNOLOGIES** 812 McCLAINE ST RESIDENTIAL GRID INTERACTIVE SOLAR INSTALLATION (22) REC SOLAR REC460AA PURE-RX MODULES SILVERTON, OR 97381 506 21ST ST NE, SALEM, OR 97301 (22) ENPHASE IQ8X-80-M-US MICROINVERTERS PHONE: 503-874-4142 ASSESSOR'S #: 073W26AA09900 CONTRACTOR LICENSE: 201408 PHONE: 503-544-9909 DRAWN: V.D **REV: PERMIT SET**

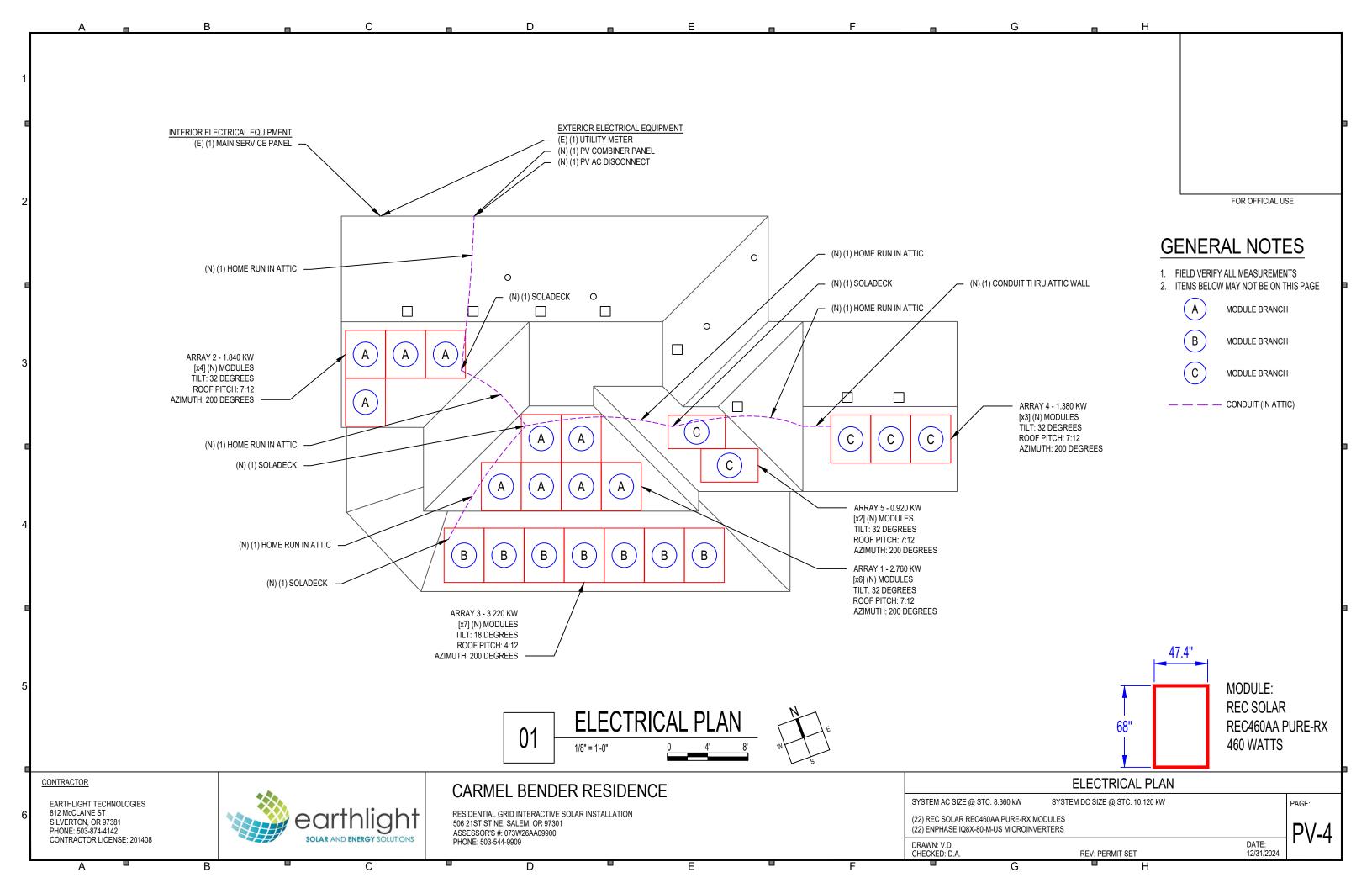
2.1.1 SIDE OF THE SERVICE DISCONNECTING MEANS AS PERMITTED IN 230.82(6), SHALL COMPLY WITH 705.11(A) THROUGH (E). A LADDER WILL BE IN PLACE FOR INSPECTION IN COMPLIANCE WITH OSHA REGULATIONS. 2.5.3 705.12 LOAD SIDE SOURCE CONNECTIONS: SHALL BE IN COMPLY WITH NEC 705.12 (A) THROUGH (E). THE OUTPUT OF AN 2.1.2 THE PV MODULES ARE CONSIDERED NON-COMBUSTIBLE AND THIS SYSTEM IS A UTILITY INTERACTIVE SYSTEM WITH NO INTER-CONNECTED ELECTRIC POWER SOURCE SHALL BE PERMITTED TO BE CONNECTED TO THE LOAD SIDE OF THE 2.1.3 STORAGE BATTERIES. SERVICE DISCONNECTING MEANS OF THE OTHER SOURCE(S) AT ANY DISTRIBUTION EQUIPMENT OF THE PREMISES. WHERE THE SOLAR PV INSTALLATION WILL NOT OBSTRUCT ANY PLUMBING, MECHANICAL, OR BUILDING ROOF VENTS. DISTRIBUTION EQUIPMENT OR FEEDERS ARE FED SIMULTANEOUSLY BY A PRIMARY SOURCE OF ELECTRICITY AND ONE OR 2.1.4 PROPER ACCESS AND WORKING CLEARANCE AROUND EXISTING AND PROPOSED ELECTRICAL EQUIPMENT WILL BE MORE OTHER POWER SOURCE AND ARE CAPABLE OF SUPPLYING MULTIPLE BRANCH CIRCUITS OR FEEDERS, OR BOTH, THE 2.1.5 PROVIDED AS PER SECTION NEC 110.26. INTERCONNECTING EQUIPMENT SHALL COMPLY WITH 705.12(A) THROUGH (E). WHERE A POWER CONTROL SYSTEM (PCS) IS 2.1.6 ROOF COVERINGS SHALL BE DESIGNED, INSTALLED, AND MAINTAINED IN ACCORDANCE WITH THIS CODE AND THE INSTALLED IN ACCORDANCE WITH 705.13, THE SETTINGS OF THE PCS CONTROLLER SHALL BE CONSIDERED THE APPROVED MANUFACTURER'S INSTRUCTIONS SUCH THAT THE ROOF COVERING SERVES TO PROTECT THE BUILDING OR POWER-SOURCE OUTPUT CIRCUIT CURRENT IN 705.12(A) THROUGH (E). NEC 705.12(A) DEDICATED OVERCURRENT AND DISCONNECT. 2.5.4 NEC 705.12(B) BUS OR CONDUCTOR AMPERE RATING: THE POWER SOURCE OUTPUT CIRCUIT CURRENT MULTIPLIED BY 125 PERCENT SHALL BE USED IN AMPACITY CALCULATIONS FOR 705.(B)(1) THROUGH (B)(3). 2.2.1 **EQUIPMENT LOCATIONS** 2.2.2 ALL EQUIPMENT SHALL MEET MINIMUM SETBACKS AS REQUIRED BY NEC 110.26. NEC 705.12 (B)(1) FEEDERS. NEC 705.12 (B)(2) TAPS. NEC 705.12 (B)(3) BUSBARS. NEC 705.12 (C) MARKING. 705.12 (D) SUITABLE WIRING SYSTEMS INSTALLED IN DIRECT SUNLIGHT MUST BE RATED FOR EXPECTED OPERATING TEMPERATURE AS 2.2.3 FOR BACKFEED. 705.12 (E) FASTENING. FOR OFFICIAL USE SPECIFIED BY NEC 690.31, AND NEC TABLES 310.15 (B)(2) AND 310.15 (C)(1). NEC 705.12 (B)(3)(1) THE SUM OF 125 PERCENT OF THE POWER SOURCE(S) OUTPUT CIRCUIT CURRENT AND THE RATING OF 2.2.3 JUNCTION AND PULL BOXES PERMITTED INSTALLED UNDER PV MODULES ACCORDING TO NEC 690.34. THE OCPD PROTECTING THE BUSBAR SHALL NOT EXCEED THE AMPACITY OF THE BUSBAR. 2.2.4 ADDITIONAL AC DISCONNECT(S) SHALL BE PROVIDED WHERE THE INVERTER IS NOT WITHIN SIGHT OF THE AC SERVICING NEC 705.12 (B)(3)(2) WHRE TWO SOURCES, ONE PRIMARY AND ANOTHER POWER SOURCE, ARE LOCATED AT OPPOSITE ENDS DEVICE'S "OFF" POSITION SHALL INDICATE THAT THE RAPID SHUTDOWN FUNCTION HAS BEEN INITIATED FOR ALL PV DISCONNECT OF A BUSBAR THAT CONTAINS LOADS. THE SUM OF 125 PERCENT OF THE POWER SOURCE(S) OUTPUT CIRCUIT CURRENT SYSTEMS CONNECTED TO THAT DEVICE. FOR ONE AND TWO-FAMILY DWELLINGS AN INITIATION DEVICE(S) SHALL BE 2.2.5 ALL EQUIPMENT SHALL BE INSTALLED ACCESSIBLE TO QUALIFIED PERSONNEL ACCORDING TO NEC APPLICABLE CODES. AND THE RATING OF THE OVERCURRENT PROTECTIVE DEVICE PROTECTING THE BUSBAR SHALL NOT EXCEED 120 PERCENT LOCATED AT A READILY ACCESIBLE LOCATION OUTSIDE THE BUILDING. 2.2.6 ALL COMPONENTS ARE LISTED FOR THEIR PURPOSE AND RATED FOR OUTDOOR USAGE WHEN APPROPRIATE. OF THE AMPACITY OF THE BUSBAR. NEC 705.12 (B)(3)(3) THE SUM OF THE APERE RATINGS OF ALL OCPDS ON PANELBOARDS, BOTH LOAD AND SUPPLY DEVICES, FOR A SINGLE PV SYSTEM, THE RAPID SHUTDOWN INITIATION SHALL OCCUR BY THE OPERATION OF ANY SINGLE INITIATION EXCLUDING THE RATING OF THE OVERCURRENT DEVICE PROTECTING THE BUSBAR, SHALL NOT EXCEED THE AMPACITY OF 2.7.6 2.3.1 DEVICE. DEVICES SHALL CONSIST OF AT LEAST ONE OR MORE OF THE FOLLOWING: (1) SERVICE DISCONNECTING MEANS, (2) THE BUSBAR. PERMANENT WARNING LABELS SHALL BE APPLIED TO DISTRIBUTION EQUIPMENT DISPLAYING THE FOLLOWING 2.3.2 RACKING SYSTEM & PV ARRAY WILL BE INSTALLED ACCORDING TO CODE-COMPLIANT INSTALLATION MANUAL. TOP CLAMPS PV SYSTEM DISCONNECTING MEANS, (3) READILY ACCESIBLE SWITCH THAT PLAINLY INDICATES IT IS IN THE "OFF" OR "ON" OR EQUIVALENT WORDING: "WARNING: THIS EQUIPMENT FED BY MULTIPLE SOURCES. TOTAL RATING OF ALL OVERCURRENT REQUIRE A DESIGNATED SPACE BETWEEN MODULES, AND RAILS MUST ALSO EXTEND A MINIMUM DISTANCE BEYOND EITHER EDGE OF THE ARRAY/SUBARRAY, ACCORDING TO RAIL MANUFACTURER'S INSTRUCTIONS. PROTECTIVE DEVICES EXCLUDING MAIN SUPPLY OVERCURRENT PROTECTIVE DEVICE SHALL NOT EXCEED AMPACITY OF 2.3.3 JUNCTION BOX WILL BE INSTALLED PER MANUFACTURERS' SPECIFICATIONS. IF ROOF-PENETRATING TYPE, IT SHALL BE NEUTRAL CONDUCTOR USED SOLELY FOR INSTRUMENTATION, VOLTAGE, DETECTION, OR PHASE DETECTION SHALL BE 2.8.1 WIRING & CONDUIT NOTES: 2.5.5 FLASHED & SEALED PER LOCAL REQUIREMENTS. PERMITTED TO BE SIZED IN ACCORDANCE WITH 250.102 PER 705.28(C)(1). ROOFTOP PENETRATIONS FOR PV RACEWAY WILL BE COMPLETED AND SEALED W/ APPROVED CHEMICAL SEALANT PER 2.3.4 ALL CONDUIT AND WIRE WILL BE LISTED AND APPROVED FOR THEIR PURPOSE. CONDUIT AND WIRE SPECIFICATIONS ARE CODE BY A LICENSED CONTRACTOR. BASED ON MINIMUM CODE REQUIREMENTS AND ARE NOT MEANT TO LIMIT UP-SIZING. ALL PV RELATED ROOF ATTACHMENTS TO BE SPACED NO GREATER THAN THE SPAN DISTANCE SPECIFIED BY THE RACKING 2.6.1 2.3.5 DISCONNECTION AND OVER-CURRENT PROTECTION NOTES: ALL CONDUCTORS SIZED ACCORDING TO NEC 690.8. MANUFACTURER. 690.13 PHOTOVOLTAIC SYSTEM DISCONNECTING MEANS SHALL BE PROVIDED TO DISCONNECT PV SYSTEM FROM ALL 2.8.3 2.6.2 WHEN POSSIBLE. ALL PV RELATED RACKING ATTACHMENTS WILL BE STAGGERED. AMONGST THE ROOF FRAMING MEMBERS. WIRING SYSTEMS INCLUDING POWER SYSTEMS, ENERGY STORAGE SYSTEMS, AND UTILIZATION EQUIPMENT AND ITS 2.8.4 EXPOSED UNGROUNDED PV SOURCE AND OUTPUT CIRCUITS SHALL USE WIRE LISTED AND IDENTIFIED AS PHOTOVOLTAIC 2.3.6 (PV) WIRE 690.31 (C). ASSOCIATED PREMISES WIRING. PV WIRE SHALL BE IDENTIFIED AT THE TIME OF INSTALLATION PER NEC 200.6 (A)(5). DISCONNECTS TO BE ACCESSIBLE TO QUALIFIED UTILITY PERSONNEL, BE LOCKABLE (WHERE REQUIRED), AND BE A 2.8.5 241 **GROUNDING NOTES:** 2.6.3 VISIBLE-BREAK SWITCH. WHEN ACCESIBLE TO UNQUALIFIED PERSONS THE DISCONNECT SHALL BE LOCKED OR REQUIRED 2.8.6 MODULE WIRING SHALL BE LOCATED AND SECURED UNDER THE ARRAY. 2.4.2 GROUNDING SYSTEM COMPONENTS SHALL BE LISTED FOR THEIR PURPOSE, AND GROUNDING DEVISES EXPOSED TO THE AC CONDUCTORS COLORED OR MARKED AS FOLLOWS: ELEMENTS SHALL BE RATED FOR SUCH USE. PHASE A OR L1- BLACK 2.4.3 AS IN CONVENTIONAL PV SYSTEMS, UNGROUNDED PV SYSTEMS REQUIRE AN EQUIPMENT GROUNDING CONDUCTOR. ALL 2.6.4 PV SYSTEM EQUIPMENT AND DISCONNECTING MEANS SHALL NOT BE INSTALLED IN BATHROOMS PER NEC 690.4(E) PHASE B OR L2- RED. OR OTHER CONVENTION IF THREE PHASE METAL ELECTRICAL EQUIPMENT AND STRUCTURAL COMPONENTS BONDED TO GROUND, IN ACCORDANCE WITH 250.134 OR 2.6.5 690.15 ISOLATING DEVICE FOR PV EQUIPMENT: DISCONNECTING MEANS SHALL BE PROVIDED TO DISCONNECT AC PV PHASE C OR L3-BLUE, YELLOW, ORANGE*, OR OTHER CONVENTION 250.136. ONLY THE DC CONDUCTORS ARE UNGROUNDED. MODULES, FUSES, DC-TO-DC CONVERTERS, INVERTERS AND CHARGE CONTROLLERS FROM ALL CONDUCTORS THAT ARE NEUTRAL- WHITE OR GREY 244 PV EQUIPMENT SHALL BE GROUNDED ACCORDING TO NEC 690.43 AND NEC 690.45. NOT SOLIDLY GROUNDED. THE ISOLATING DEVICE SHALL BE ONE OF THE FOLLOWING: A MATING CONNECTOR, A FINGER METAL PARTS OF MODULE FRAMES, MODULE RACKING, AND ENCLOSURE CONSIDERED GROUNDED IN ACCORD WITH 2.4.5 SAFE FUSE HOLDER, AN ISOLATING DEVICE THAT REQUIRES A TOOL TO PLACE THE DEVICE IN OFF POSITION, AN ISOLATING * IN 4-WIRE DELTA CONNECTED SYSTEMS THE PHASE WITH HIGHER VOLTAGE TO BE MARKED ORANGE [NEC 110.15]. 250 134 AND 250 136 DEVICE LISTED FOR THE INTENDED APPLICATION. 2.4.6 EACH MODULE WILL BE GROUNDED USING WEEB GROUNDING CLIPS AS SHOWN IN MANUFACTURER DOCUMENTATION AND 2.6.6 ALL OCPD RATINGS AND TYPES SPECIFIED ACCORDING TO NEC 690.9, AND 240. APPROVED BY THE AHJ. IF WEEBS ARE NOT USED, MODULE GROUNDING LUGS MUST BE INSTALLED AT THE SPECIFIED BOTH POSITIVE AND NEGATIVE PV CONDUCTORS ARE UNGROUNDED, THEREFORE BOTH REQUIRE OVER-CURRENT GROUNDING LUG HOLES PER THE MANUFACTURERS' INSTALLATION REQUIREMENTS. PROTECTION, ACCORDING TO NEC 240.21. 2.4.7 THE GROUNDING CONNECTION TO A MODULE SHALL BE ARRANGED SUCH THAT THE REMOVAL OF A MODULE DOES NOT 2.6.8 IF REQUIRED BY AHJ, SYSTEM WILL INCLUDE ARC-FAULT CIRCUIT PROTECTION ACCORDING TO NEC 690.11 AND UL1699B. INTERRUPT A GROUNDING CONDUCTOR TO ANOTHER MODULE. GROUNDING AND BONDING CONDUCTORS, IF INSULATED, SHALL BE COLORED GREEN OR MARKED GREEN IF #4 AWG OR 2.7.1 2.4.8 RAPID SHUTDOWN OF PV SYSTEMS ON BUILDINGS NOTES: RAPID SHUTDOWN APPLICABLE TO SYSTEM CIRCUITS INSTALLED ON OR IN BUILDINGS SHALL INCLUDE A RAPID SHUTDOWN LARGER NEC 250 119 2.7.2 2.4.9 THE GROUNDING ELECTRODE SYSTEM COMPLIES WITH NEC 690.47 AND NEC 250.50 THROUGH 250.106. IF EXISTING SYSTEM FUNCTION TO REDUCE SHOCK HAZARD FOR FIRE FIGHTERS IN ACCORDANCE WITH 690.12(A) THROUGH (D). EXCEPTION: IS INACCESSIBLE, OR INADEQUATE, A GROUNDING ELECTRODE SYSTEM PROVIDED ACCORDING TO NEC 250, NEC 690.47 GROUND MOUNTED PV SYSTEMS THAT ENTER BUILDINGS, OF WHICH THE SOLE PURPOSE IS TO HOUSE PV SYSTEM EQUIPMENT, SHALL NOT BE REQUIRED TO COMPLY WITH NEC 690.12. AND AHJ. ACCORDING TO NEC 690.47(A) THE PV ARRAY EQUIPMENT GROUNDING CONDUCTORS SHALL BE SIZED PER NEC 690.45 AND 2.7.3 2.4.10 690.12(B)(1) OUTSIDE THE ARRAY BOUNDARY. CONTROLLED CONDUCTORS LOCATED OUTSIDE ARRAY BOUNDARY OR MORE THAN 1 M (3FT) FROM THE POINT OF ENTRY INSIDE A BUILDING SHALL BE LIMITED TO NOT MORE THAN 30V WITHIN 30 ACCORDING TO NEC 690.47(B) ADDITIONAL GROUNDING ELECTRODE SHALL BE PERMITTEDTO BE INSTALLED IN 2411 SECONDS OF RAPID SHUTDOWN INITIATION TO LESS THAN 30 VOLTS WITHIN 30 SECONDS AFTER SHUTDOWN INITIATION. ACCORDANCE WITH 250.52 AND 250.54. GROUNDING ELECTRODE SHALL BE PERMITTED TO BE CONNECTED TO PV MODULE VOLTAGE SHALL BE MEASURED BETWEEN ANY TWO CONDUCTORS AND BETWEEN ANY CONDUCTOR AND GROUND. 2.7.4 690.12(B)(2)(2) INSIDE THE ARRAY BOUNDARY. CONTROLLED CONDUCTORS LOCATED INSIDE THE BOUNDARY SHALL BE IN UNGROUNDED INVERTERS, GROUND FAULT PROTECTION IS PROVIDED BY "ISOLATION MONITOR INTERRUPTOR," AND 2.4.12 LIMITED TO NOT MORE THAN 80 VOLTS WITHIN 30 SECONDS OF RAPID SHUTDOWN INITIATION. VOLTAGE SHALL BE GROUND FAULT DETECTION PERFORMED BY "RESIDUAL-CURRENT DETECTOR." MEASURED BETWEEN ANY TWO CONDUCTORS AND BETWEEN ANY CONDUCTOR TO GROUND. INITIATION DEVICE. THE INITIATION DEVICE(S) SHALL INITIATE THE RAPID SHUTDOWNFUNCTION OF THE PV SYSTEM. THE Exp. 06/30/2026 2.7.5 INTERCONNECTION NOTES: 2.5.1 2.5.2 705.11 SUPPLY SIDE SOURCE CONNECTIONS: AN ELECTRIC PRODUCTION SOURCE, WHERE CONNECTED ON THE SUPPLY **NOTES** CONTRACTOR CARMEL BENDER RESIDENCE SYSTEM AC SIZE @ STC: 8.360 kW SYSTEM DC SIZE @ STC: 10.120 kW PAGE: EARTHLIGHT TECHNOLOGIES RESIDENTIAL GRID INTERACTIVE SOLAR INSTALLATION 812 McCLAINE ST (22) REC SOLAR REC460AA PURE-RX MODULES SILVERTON, OR 97381 506 21ST ST NE, SALEM, OR 97301 (22) ENPHASE IQ8X-80-M-US MICROINVERTERS PHONE: 503-874-4142 ASSESSOR'S #: 073W26AA09900 CONTRACTOR LICENSE: 201408 PHONE: 503-544-9909 DATE: DRAWN: V.D **REV: PERMIT SET**

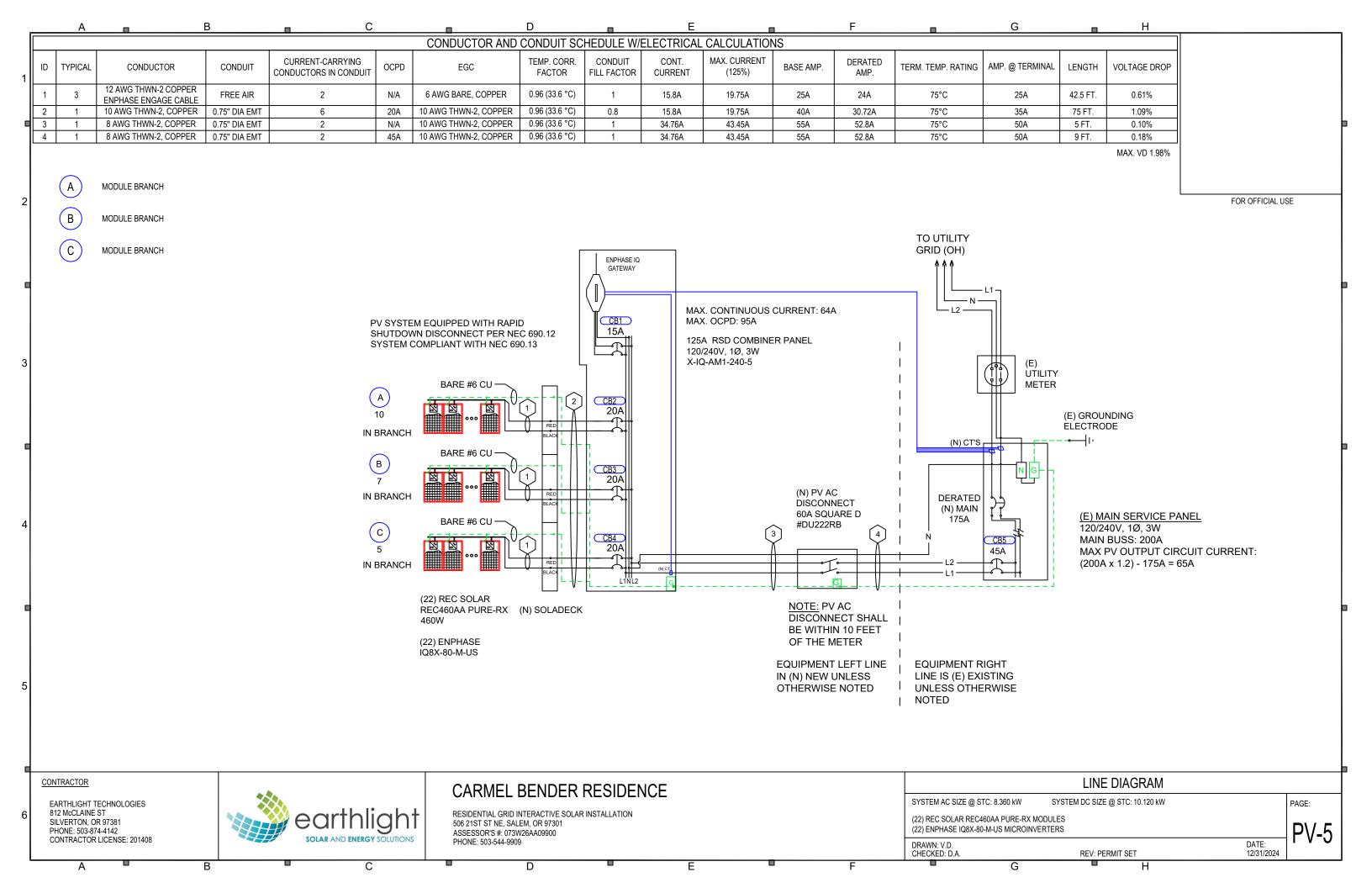
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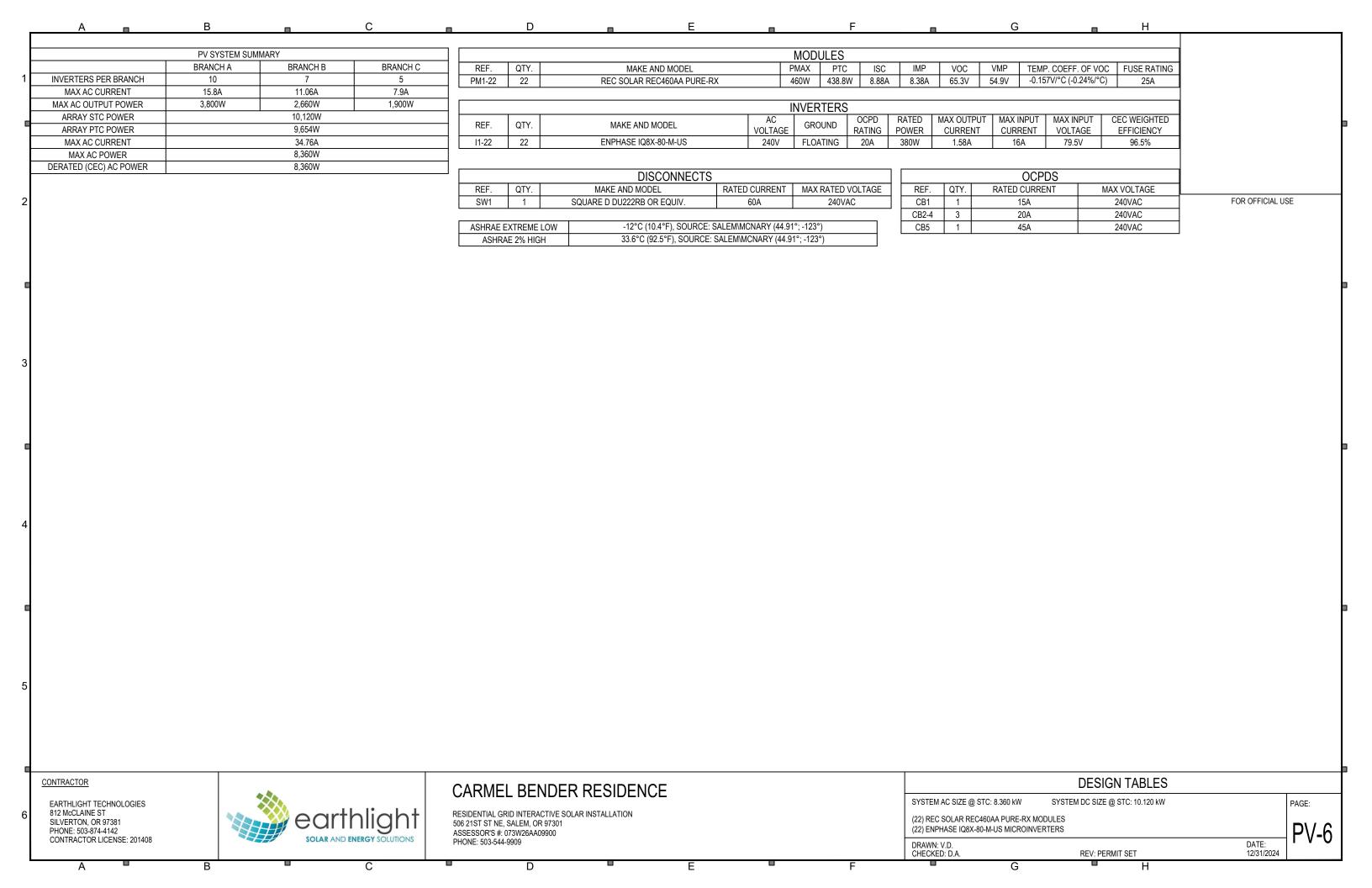












1.1 LABELING REQUIREMENTS BASED ON THE 2023 NATIONAL ELECTRICAL CODE. INTERNATIONAL FIRE CODE 605.11, OSHA STANDARD 1910.145, ANSI Z535

1.3 LABELS TO BE OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED.

1.2 MATERIAL BASED ON THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.

1.4 LABELS TO BE A MINIMUM LETTER HEIGHT OF 3/8" AND PERMANENTLY AFFIXED. 1.5 ALERTING WORDS TO BE COLOR CODED. "DANGER" WILL HAVE RED BACKGROUND: "WARNING" WILL HAVE ORANGE BACKGROUND: "CAUTION" WILL HAVE YELLOW BACKGROUND. [ANSI Z535]

⚠ WARNING

ELECTRICAL SHOCK HAZARD TERMINALS ON THE LINE AND LOAD SIDES MAY BE ENERGIZED IN THE OPEN POSITION

LABEL 1

AT EACH DISCONNECTING MEANS FOR PHOTOVOLTAIC EQUIPMENT (2" X 4"). [NEC 690.13].

↑ WARNING

POWER SOURCE **OUTPUT CONNECTION** DO NOT RELOCATE THIS OVERCURRENT DEVICE

LABEL 2

AT POINT OF INTERCONNECTION OVERCURRENT DEVICE (2" X 4"). [NEC 705.12(B)(2)(3)(B)].

AC DISCONNECT PHOTOVOLTAIC SYSTEM POWER SOURCE

OUTPUT CURRENT NOMINAL OPERATING
AC VOLTAGE

240 VOLTS

34.76 AMPS

LABEL 3

AT POINT OF INTERCONNECTION, MARKED AT DISCONNECTING MEANS (4" X 3"). [NEC 690.54]

PHOTOVOLTAIC SYSTEM DISCONNECT

LABEL 4

AT EACH AC DISCONNECTING MEANS (4" X 1"). [NEC 690.13(B)].

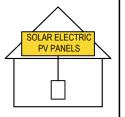
RAPID SHUTDOWN **SWITCH FOR SOLAR PV SYSTEM**

LABEL 5

AT RAPID SHUTDOWN DISCONNECT SWITCH (5 1/4" X 2"). [NEC 690.56(C)(3)].

SOLAR PV SYSTEM FOUIPPED WITH RAPID SHUTDOWN

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



LABEL FOR PV SYSTEMS THAT SHUT DOWN THE ARRAY AND THE CONDUCTORS LEAVING THE ARRAY.

THE LABEL SHALL UTILIZE CAPITALIZED CHARACTERS WITH A MINIMUM HEIGHT OF 3/8" IN BLACK ON YELLOW BACKGROUND, AND THE REMAINING CHARACTERS SHALL BE CAPITALIZED WITH A MINIMUM HEIGHT OF 3/16" IN BLACK ON WHITE BACKGROUND.

LABEL 6

AT RAPID SHUTDOWN DEVICE AND MSP $(3\frac{3}{4}" \times \frac{51}{4}")$. NEC 690.56(C)(1)(A)

NWARNING

DUAL POWER SUPPLY SOURCES: UTILITY GRID AND PV SOLAR **ELECTRIC SYSTEM**

LABEL 7

AT POINT OF INTERCONNECTION (2 3/4" X 1 5/8"). [NEC 705.12(B)(3)]

DIRECTORY

PERMANENT PLAQUE OR DIRECTORY PROVIDING THE LOCATION OF THE SERVICE DISCONNECTING MEANS AND THE PHOTOVOLTAIC SYSTEM DISCONNECTING MEANS IF NOT IN THE SAME LOCATION (5 3/4" X 1 1/8"). [NEC 690.56(B)]

WHERE THE PV SYSTEMS ARE REMOTELY LOCATED FROM EACH OTHER, A DIRECTORY IN ACCORDANCE WITH 705.10 SHALL BE PROVIDED AT EACH PV SYSTEM DISCONNECTING MEANS.

PV SYSTEM EQUIPMENT AND DISCONNECTING MEANS SHALL NOT BE INSTALLED IN **BATHROOMS**

[NEC 690.4(D),(E)]

PHOTOVOLTAIC POWER SOURCE

LABEL 9

AT EXPOSED RACEWAYS, CABLE TRAYS, AND OTHER WIRING METHODS: SPACED AT MAXIMUM 10 FT SECTION OR WHERE SEPARATED BY ENCLOSURES, WALLS, PARTITIONS, CEILINGS, OR FLOORS (5 3/4" X 1 1/8"). [NEC 690.31(G)] LETTERS AT LEAST 3/8 INCH; WHITE ON RED BACKGROUND; REFLECTIVE [IFC 605.11.1.1]

CAUTION

MULTIPLE SOURCES OF POWER

LABEL 10

AT UTILITY METER (5 3/4" X 1 1/8") [NEC 690.56(B)]

∕ WARNING SOLAR ELECTRIC

CIRCUIT BREAKER IS BACKFED

LABEL 8

AT POINT OF INTERCONNECTION (2" X 1"). [NEC 705.12(B)(3)]

⚠ WARNING

PHOTOVOLTAIC SYSTEM COMBINER PANEL DO NOT ADD LOADS

LABEL 12

AT ALL PV COMBINER PANELS

!CAUTION! **MULTIPLE SOURCES OF POWER** SAFETY DISCONNECT(S) AS SHOWN: UTILITY METER PV COMBINER PANEL MAIN SERVICE PV AC DISCONNECT PANEL (INSIDE) BACK **SOLAR ARRAY** ON ROOFTO FRONT SOLAR ARRAY ON ROOFTOP 506 21ST ST NE, SALEM, OR 97301

CONTRACTOR

EARTHLIGHT TECHNOLOGIES 812 McCLAINE ST SILVERTON, OR 97381 PHONE: 503-874-4142 CONTRACTOR LICENSE: 201408



CARMEL BENDER RESIDENCE

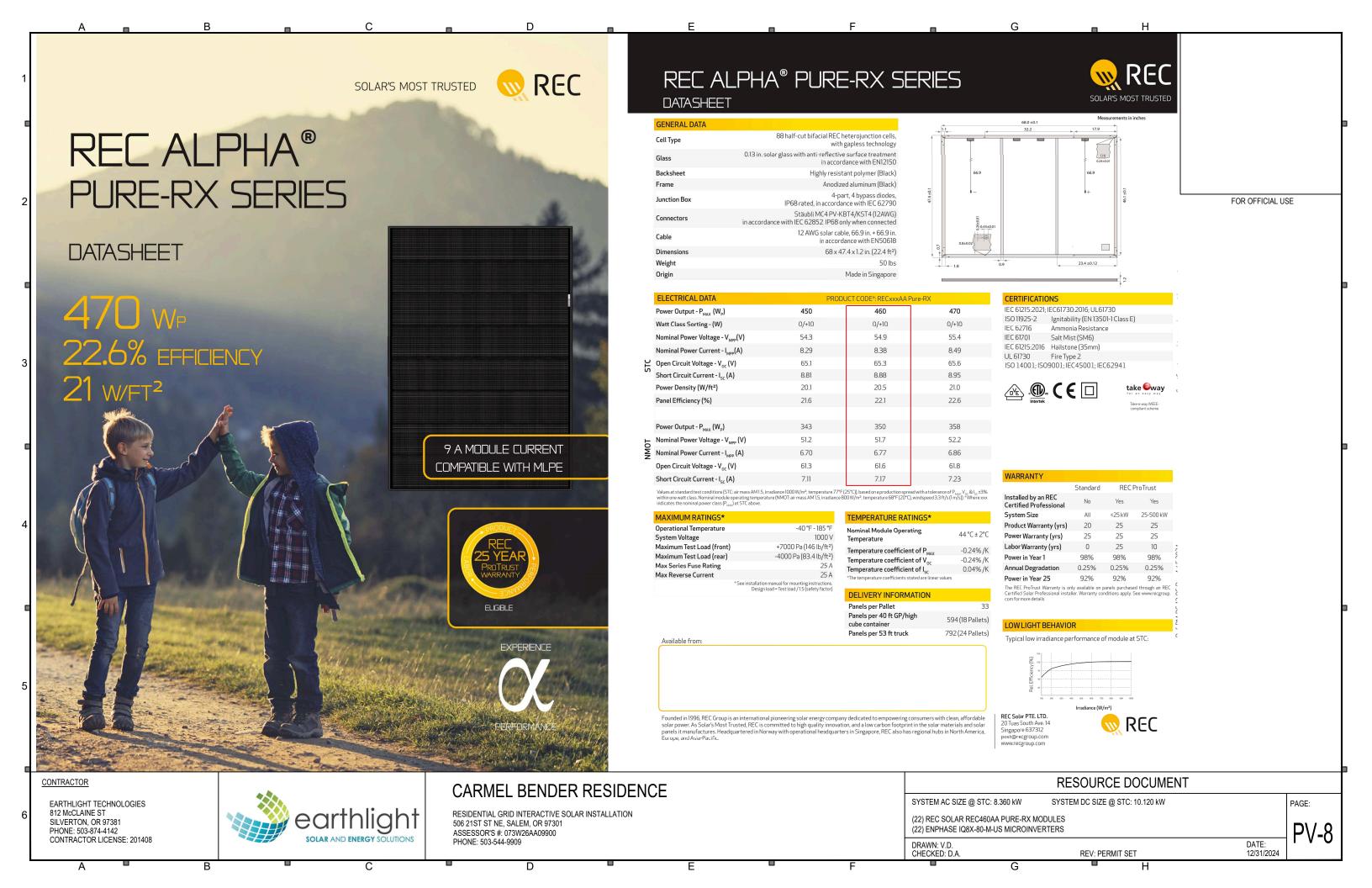
RESIDENTIAL GRID INTERACTIVE SOLAR INSTALLATION 506 21ST ST NE, SALEM, OR 97301 ASSESSOR'S #: 073W26AA09900 PHONE: 503-544-9909

PLACARDS & LABELS

SYSTEM AC SIZE @ STC: 8.360 kW SYSTEM DC SIZE @ STC: 10.120 kW PAGE: (22) REC SOLAR REC460AA PURE-RX MODULES (22) ENPHASE IQ8X-80-M-US MICROINVERTERS DATE: DRAWN: V.D. CHECKED: D.A.

REV: PERMIT SET

FOR OFFICIAL USE





IQ8X 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 applicationspecific integrated circuit (ASIC), which enables the microinverter to operate in grid-tied or off-grid mode. This chip is built using advanced 55-nm technology with high-speed digital logic and superfast response times to changing loads and grid events, alleviating constraints on battery sizing for home energy systems.

IQ8X Microinverter is the latest addition to this family, designed to support PV modules with high input DC voltage and cell counts, such as 80-half-cut cells, 88-half-cut cells and 96-cells.



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



Connect PV modules quickly and easily to the IQ8 Series Microinverters with 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 regulations when installed according to the manufacturer's

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

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Easy to install

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

High productivity and reliability

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

Microgrid-forming

- · Complies with the latest advanced grid
- Remote automatic updates for the latest grid requirement
- 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 with previous generations of Enphase microinverters (IQ7 Series, IQ6 Series, and so on) in the same system.
- IQ Gateway is required to change the default grid profile at the time of installation to meet local Authority Having Jurisdiction (AHJ) requirements

IQ8X-MC4-DSH-00185-2.0-EN-US-2023-11-16

IQ8X Microinverter

INPUT DATA (DC)	UNIT	IQ8X-80-M-US
Commonly used module pairings 1	w	320-540
Module compatibility	_	To meet compatibility, PV modules must be within the following maximum input DC voltage and maximum module I so Module compatibility can be checked at https://enphase.com/installers/microinverters/calculator
MPPT voltage range	٧	43-60
Operating range	V	25-79.5
Minimum and maximum start voltage	V	30-79.5
Maximum input DC voltage	V	79.5
Maximum continuous operating DC current	А	10
Maximum input DC short-circuit current	Α	16
${\it Maximum module I}_{\rm sc}$	Α	13
Overvoltage class DC port	-	I
DC port backfeed current	mA	0
PV array configuration	_	Ungrounded array; no additional DC side protection required; AC side protection requires maximum 20 A per branch circuit

OUTPUT DATA (AC)	UNIT	IQ8X-80-M-US @240 VAC	IQ8X-80-M-US @208 VAC
Peak output power	VA	384	366
Maximum continuous output power	VA	380	360
Nominal grid voltage (L-L)	٧	240, split-phase (L-L), 180°	208, single-phase (L-L), 120° ⁴
Minimum and maximum grid voltage ²	٧	211-264	183-229
Max. continuous output current	Α	1.58	1.73
Nominal frequency	Hz	60	
Extended frequency range	Hz	47-	68
AC short circuit fault current over three cycles	A _{rms}	2.7	0
Maximum units per 20 A (L-L) branch circuit ³	-	10	9
Total harmonic distortion	%	<5	5
Overvoltage class AC port	-	III	
AC port backfeed current	mA	18	3
Power factor setting	-	1.0	
Grid-tied power factor (adjustable)	-	0.85 leading 0.85 lagging	
Peak efficiency	%	97.3	97.0
CEC weighted efficiency	%	96.5	96.5
Nighttime power consumption	mW	26	12

g			
MECHANICAL DATA			
Ambient temperature range	-40°C to 65°C (-40°F to 149°F)		
Relative humidity range	4% to 100% (condensing)		
DC connector type	Stäubli MC4		
Dimensions (H × W × D); Weight	212 mm (8.3") × 175 mm (6.9") × 30.2 mm (1.2"); 1.1 kg (2.43 lbs)		
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		

COMPLIANCE

Certifications

CA Rule 21 (UL 1741-SA), UL 62109-1, IEEE 1547:2018 (UL 1741-SB), FCC Part 15 Class B, ICES-0003 Class B, CAN/CSA-C22.2 NO. 107.1-01 This product is UL Listed as PV rapid shutdown equipment and conforms with NEC 2014, NEC 2017, NEC 2020, and NEC 2023 section 690.12 and C22.1-2018 Rule 64-218 rapid shutdown of PV systems for AC and DC conductors when installed according to the manufacturer's instructions.

- (1) No enforced DC/AC ratio.
- (2) Nominal voltage range can be extended beyond nominal if required by the utility. (3) Limits may vary. Refer to local requirements to define the number of microinverters per branch in your area.
- (4) IO8X is not certified for use with Enphase Three Phase Network Protection Relay (NPR-3P-208-NA) and therefore designed

for single-phase operation only. Check with the local utility requirements if you wish to install single phase inverter across three phases.

IQ8X-MC4-DSH-00185-2.0-EN-US-2023-11-16

CONTRACTOR

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CARMEL BENDER RESIDENCE

RESIDENTIAL GRID INTERACTIVE SOLAR INSTALLATION 506 21ST ST NE, SALEM, OR 97301 ASSESSOR'S #: 073W26AA09900 PHONE: 503-544-9909

RESOURCE DOCUMENT

SYSTEM AC SIZE @ STC: 8.360 kW SYSTEM DC SIZE @ STC: 10.120 kW

(22) REC SOLAR REC460AA PURE-RX MODULES (22) ENPHASE IQ8X-80-M-US MICROINVERTERS

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ENPHASE.



X-IQ-AM1-240-5 X-IQ-AM1-240-5C

IQ Combiner 5/5C

The IQ Combiner 5/5C consolidates interconnection equipment into a single enclosure and streamlines IQ Series Microinverters and IQ Gateway installation by providing a consistent, pre-wired solution for residential applications. IQ Combiner 5/5C uses wired control communication and is compatible with IQ System Controller 3/3G and IQ Battery 5P.

The IQ Combiner 5/5C, IQ Series Microinverters, IQ System Controller 3/3G, and IQ Battery 5P provide a complete grid-agnostic Enphase Energy System.



The high-powered smart grid-ready IQ Series Microinverters (IQ6, IQ7, and IQ8 Series) simplify device (MID) functionality by the installation process.



IQ Battery 5P

warranty

Fully integrated AC battery system. Includes six field-replaceable IQ8D-BAT Microinverters.



IQ Load Controller

 ${\color{red}^*For \ country-specific \ warranty \ information, see \ the \ \underline{https://enphase.com/installers/resources/warranty}\ page.}$

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Helps prioritize essential appliances

during a grid outage to optimize energy

consumption and prolong battery life.

IQ System Controller 3/3G Provides microgrid interconnection automatically detecting grid failures and seamlessly transitioning the home energy

system from grid power to backup power.

- Durable NRTL-certified NEMA type 3R enclosure
- 5-year limited warranty
- · 2-year labor reimbursement program coverage included for both the IQ Combiner SKUs*

Smart

- · Includes IQ Gateway for communication and control
- Includes Enphase Mobile Connect (CELLMODEM-M1-06-SP-05), only with IQ Combiner 5C
- Supports flexible networking: Wi-Fi, Ethernet, or cellular
- Provides production metering (revenue grade) and consumption monitoring

Easy to install

- · Mounts to one stud with centered brackets
- · Supports bottom, back, and side conduit entries
- Supports up to four 2-pole branch circuits for 240 VAC plug-in breakers (not included)
- · 80 A total PV branch circuits
- · Bluetooth-based Wi-Fi provisioning for easy Wi-Fi setup

- UL1741 Listed

IQ Combiner 5/5C

Enphase Mobile Connect (only with IQ Combiner 5C)

MODEL NUMBER	
IQ Combiner 5 (X-IQ-AM1-240-5)	IQ Combiner 5 with IQ Gateway printed circuit board for integrated revenue-grade PV production metering (ANSIC12.20 \pm 0.5%), consumption monitoring (\pm 2.5%), and IQ Battery monitoring (\pm 2.5%). Includes a silver solar shield to deflect heat.
IQ Combiner 5C (X-IQ-AM1-240-5C)	IQ Combiner 5C with IQ Gateway printed circuit board for integrated revenue-grade PV production metering (ANSI C12.20 ±0.5%), consumption monitoring (±2.5%) and IQ Battery monitoring (±2.5%). Includes Enphase Mobile Connect cellular modem (CELLMODEM-M1-06-SP-05) ¹ . Includes a silver solar shield to deflect heat.
WHAT'S IN THE BOX	
IQ Gateway printed circuit board	IQ Gateway is the platform for total energy management for comprehensive, remote maintenance, ar management of the Enphase Energy System
Busbar	80 A busbar with support for $1 \times IQ$ Gateway breaker and 4×20 A breaker for installing IQ Series Microinverters and IQ Battery 5P
IQ Gateway breaker	Circuit breaker, 2-pole, 10 A/15 A
Production CT	Pre-wired revenue-grade solid-core CT, accurate up to ±0.5%
Consumption CT	Two consumption metering clamp CTs, shipped with the box, accurate up to $\pm 2.5\%$
IQ Battery CT	One battery metering clamp CT, shipped with the box, accurate up to ±2.5%

Accessories kit	Spare control headers for the COMMS-KIT-02 board			
ACCESSORIES AND REPLACEMENT PARTS (NOT INCLUDED, ORDER SEPARATELY)				
CELLMODEM-M1-06-SP-05	4G-based LTE-M1 cellular modem with a 5-year T-Mobile data plan			
CELLMODEM-M1-06-AT-05	4G-based LTE-M1 cellular modem with a 5-year AT&T data plan			
Circuit breakers (off-the-shelf)	Supports Eaton BR2XX, Siemens Q2XX and GE/ABB THQL21XX Series circuit breakers (XX represents 10, 15, 20, 30, 40, 50, or 60). Also supports Eaton BR220B, BR230B, and BR240B circuit breakers compatible with the hold-down kit.			
Circuit breakers (provided by Enphase)	BRK-10A-2-240V, BRK-15A-2-240V, BRK-20A-2P-240V, BRK-15A-2P-240V-B, and BRK-20A-2P-240V-B (more details in the "Accessories" section)			
XA-SOLARSHIELD-ES	Replacement solar shield for IQ Combiner 5/5C			
XA-ENV2-PCBA-5	IQ Gateway replacement printed circuit board (PCB) for IQ Combiner 5/5C			
X-IQ-NA-HD-125A	Hold-down kit compatible with Eaton BR-B Series circuit breakers (with screws)			
XA-COMMS2-PCBA-5	Replacement COMMS-KIT-02 printed circuit board (PCB) for IQ Combiner 5/5C			
ELECTRICAL SPECIFICATIONS				

Control board for wired communication with IQ System Controller 3/3G and the IQ Battery 5P

4G-based LTE-M1 cellular modem (CELLMODEM-M1-06-SP-05) with a 5-year T-Mobile data plan

7.1. 5 5 1.1.1.1.5	
ELECTRICAL SPECIFICATIONS	
Rating	80 A
System voltage and frequency	120/240 VAC, 60 Hz
Busbarrating	125 A
Fault current rating	10 kAIC
Maximum continuous current rating (input from PV/storage)	64 A
Branch circuits (solar and/or storage)	Up to four 2-pole Eaton BR, Siemens Q, or GE/ABB THQL Series distributed generation (DG) breakers only (not included)
Maximum total branch circuit breaker rating (input)	80 A of distributed generation/95 A with IQ Gateway breaker included
IQ Gateway breaker	10 A or 15 A rating GE/Siemens/Eaton included
Production metering CT	200 A solid core pre-installed and wired to IQ Gateway
Consumption monitoring CT (CT-200-CLAMP)	A pair of 200 A clamp-style current transformers is included with the box
IQ Battery metering CT	200 A clamp-style current transformer for IQ Battery metering, included with the box

1. A plug-and-play industrial-grade cell modem for systems of up to 60 microinverters. Available in the United States, Canada, Mexico, Puerto Rico, and the US Virgin Islands, where there is adequate cellular service in the installation area.

IQC-5-5C-DSH-00007-3.0-EN-US-2024-03-01

IQC-5-5C-DSH-00007-3.0-EN-US-2024-03-01

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Data subject to change.



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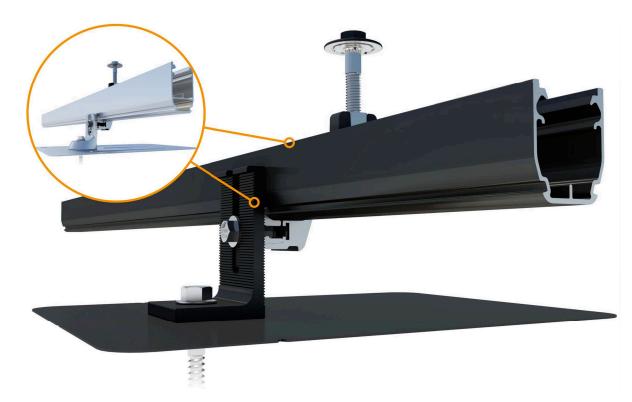
RESIDENTIAL GRID INTERACTIVE SOLAR INSTALLATION 506 21ST ST NE, SALEM, OR 97301 ASSESSOR'S #: 073W26AA09900 PHONE: 503-544-9909

RESOURCE DOCUMENT SYSTEM AC SIZE @ STC: 8.360 kW SYSTEM DC SIZE @ STC: 10.120 kW PAGE: (22) REC SOLAR REC460AA PURE-RX MODULES (22) ENPHASE IQ8X-80-M-US MICROINVERTERS DRAWN: V.D. CHECKED: D.A.

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Aire™ Racking System



Breathe easy with accelerated installations.

The Aire™ racking system has been carefully crafted to streamline every part of the installation process, taking out all of the tiresome hassles—so that you get off the roof and on to your next project faster than ever.

Aire™ retains the strength and reliability that IronRidge installers have come to depend on. Whether you're a seasoned installer with years under your belt or just getting started in solar, breathe easy with open Aire™.



Strength Tested

Class A Fire Rating

All components have been evaluated for superior structural performance.



PE Certified

Certified to maintain the fire resistance Free online software makes it simple rating of the existing roof structure. to create, share, and price projects.



UL 2703 Listed System

Entire system and components meet the latest effective UL 2703 standards.



25-Year Warranty

Design Assistant

Products are guaranteed to arrive without any impairing defects.

Pre-stamped engineering letters are

available online for most states.

Aire™ A1 Rail



The lighter, open Aire™ rail for standard conditions.

- 6' spanning capability
- Wire management tray
- · Mill or anodized black

Aire™ A2 Rail



The tougher, open Aire™ rail for higher load capacity.

- · 8' spanning capability
- Wire management tray
- · Mill or anodized black

Aire™ Rail Ties



Structurally connect and bond Aire™ Rails together

- Reinstallable, up to 5x
- Internal splice design
- · No more splice rules

Aire™ Dock



Connects Aire™ Rails to attachments with ease

- · Clicks on, slides easily
- · Drops into open slots
- · Anodized assembly

FOR OFFICIAL USE

Clamps & Grounding

Aire™ Lock Mids



Securely bond between modules to Aire™ Rails.

- Fits 30-40mm modules
- Utilizes UFO® design
- Minimal 1/2" gap

Aire™ Lock Ends



Securely bond modules to Aire™ Rails along ends.

- Fits 30-40mm modules
- · Easy rail engagement
- · Clean aesthetics

Aire™ Clip

Aire™ Lock Stealth



Securely bonds modules to rail ends, entirely hidden.

- · Angled for easy install
- · Robust tether leash

Aire™ MLPE Mount

· Fits most modules

Aire™ Lug



Bonds Aire™ Rails to grounding conductors.

- · Simplified with single bolt
- · Low-profile form factor
- · Works with 10-6 AWG

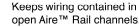
Accessories

Aire™ Caps



Block entry and provide a

- finished look to Aire™ Rails.
- · Stay secure on rail ends
- Symmetrical, with drain · Cover rough-cut ends



- · No module interference
- · Simple press-in design
- · Slot for easy removal
- open Aire™ Rail channels.
- Securely bonds MLPE and accessories to Aire™ Rails.
- · Glove-friendly installation
- · Lays flush in rail channel
- - · Low profile form factor

Aire™ All Tile Hook



Attaches rails to tile roofs, with Aire™ Dock included.

- · Works on flat, S, & W tiles
- · Single-socket installation
- · Optional deck flashing

Resources -



Design Assistant

Quickly go from rough layout to fully engineered system. Go to IronRidge.com/design



Approved for FL Hurricane Zones

Aire™ has Florida Product Approval. Additional details can be found on the Florida Building Code website.

Learn More at bit.ly/florida-aire

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SYSTEM DC SIZE @ STC: 10.120 kW

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