

### Scott E. Wyssling, PE 76 North Meadowbrook Drive

Alpine, UT 84004 office (201) 874-3483 swyssling@wysslingconsulting.com

August 26, 2021

Sigora Solar 1222 Harris Street Charlottesville, VA 22903

Re:

Engineering Services Flores Residence 80 Chikapin Oak Drive, Bunnlevel NC 7.560 kW System Size

To Whom it May Concern:

Pursuant to your request, we have reviewed the following information regarding solar panel installation on the roof of the above referenced home:

- 1. Site Visit/Verification Form prepared by a Sigora Solar representative identifying specific site information including size and spacing of rafters for the existing roof structure.
- 2. Photographs of the interior and exterior of the roof system identifying existing structural members and their conditions.

Based on the above information we have evaluated the structural capacity of the existing roof system to support the additional loads imposed by the solar panels and have the following comments related to our review and evaluation:

#### Description of Residence:

The existing residence is typical wood framing construction with the roof system consisting of truss system with all chords constructed of 2 x 4 dimensional lumber at 24" on center. The attic space is unfinished and photos indicate that there was free access to visually inspect the size and condition of the roof rafters. All wood material utilized for the roof system is assumed to be Doug-Fir #2 or better with standard construction components. The existing roofing material consists of composite asphalt shingles. Photos of the dwelling also indicate that there is a permanent foundation.

#### A. Loading Criteria Used

- 118 MPH wind loading based on ASCE 7-10 Exposure Category "C" at a slope of 34 degrees
- 7 PSF = Dead Load roofing/framing Live Load = 20 PSF Snow Load = 10 PSF
- <u>3 PSF = Dead Load solar panels/mounting hardware</u>

#### Total Dead Load =10 PSF

The above values are within acceptable limits of recognized industry standards for similar structures in accordance with the North Carolina Residential Code (2018). Analysis performed of the existing roof structure utilizing the above loading criteria indicates that the existing rafters will support the additional panel loading without damage, if installed correctly.

#### B. Solar Panel Anchorage

#### Page 2 of 2

- 1. The solar panels shall be mounted in accordance with the most recent "SnapNrack Installation Manual", which can be found on the SnapNrack website (http://snapnrack.com/). If during solar panel installation, the roof framing members appear unstable or deflect non-uniformly, our office should be notified before proceeding with the installation.
- 2. Maximum allowable pullout per lag screw is 235 lbs/inch of penetration as identified in the National Design Standards (NDS) of timber construction specifications for Southern Pine assumed. Based on our evaluation, the pullout value, utilizing a penetration depth of 2 1/2", is less than what is allowable per connection and therefore is adequate. Based on the variable factors for the existing roof framing and installation tolerances, using a thread depth of 2  $\frac{1}{2}$  with a minimum size of 5/16 lag screw per attachment point for panel anchor mounts should be adequate with a sufficient factor of safety.
- 3. Considering the roof slopes, the size, spacing, condition of roof, the panel supports shall be placed no greater than 48" o/c.
- 4. Panel supports connections shall be staggered to distribute load to adjacent trusses.

Based on the above evaluation, it is the opinion of this office that with appropriate panel anchors being utilized the roof system will adequately support the additional loading imposed by the solar panels. This evaluation is in conformance with the North Carolina Residential Code, current industry and standards, and based on information supplied to us at the time of this report.

Should you have any questions regarding the above or if you require further information do not hesitate to contact me.

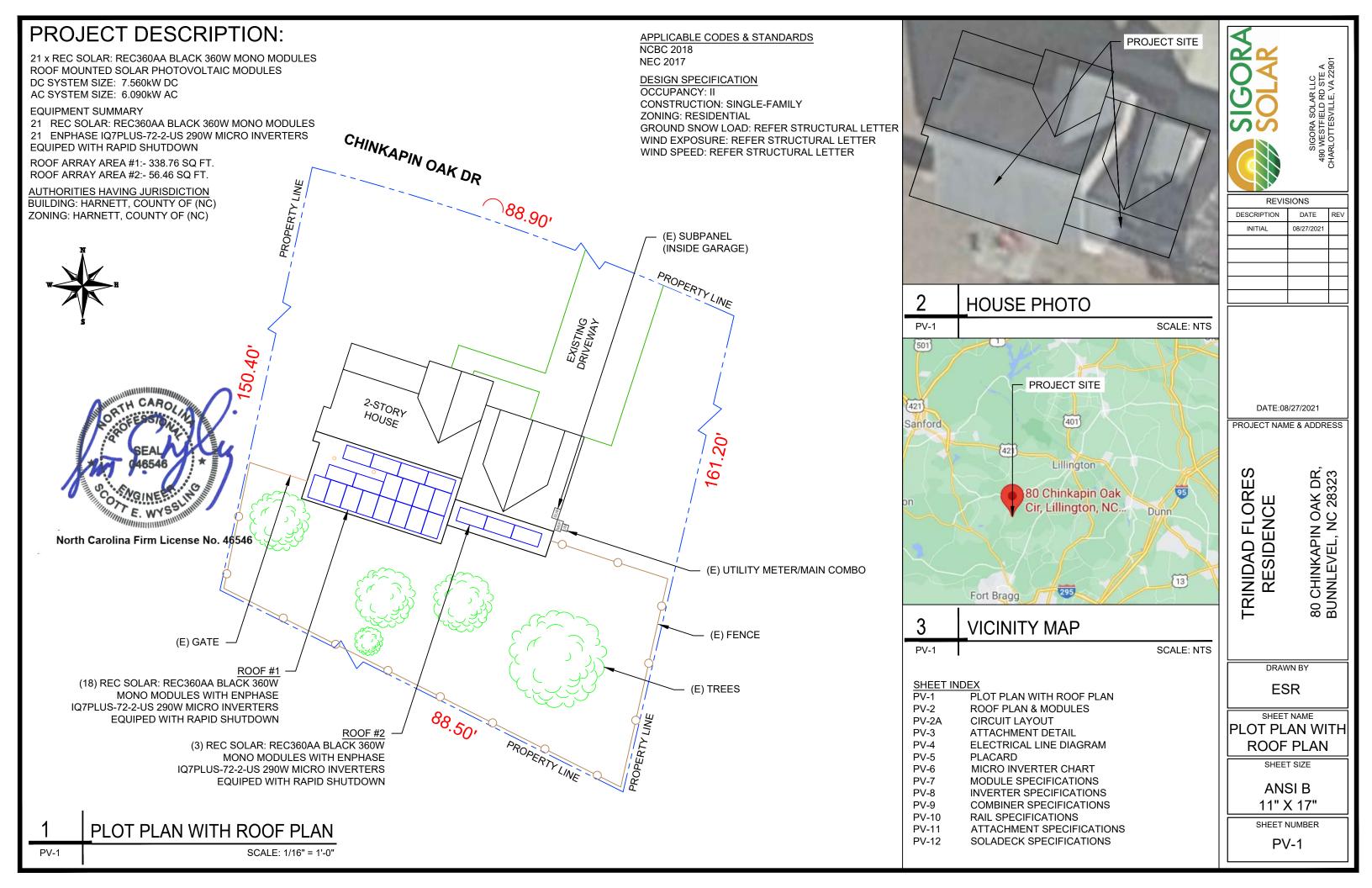
vours Scott E. Wyssling, PE

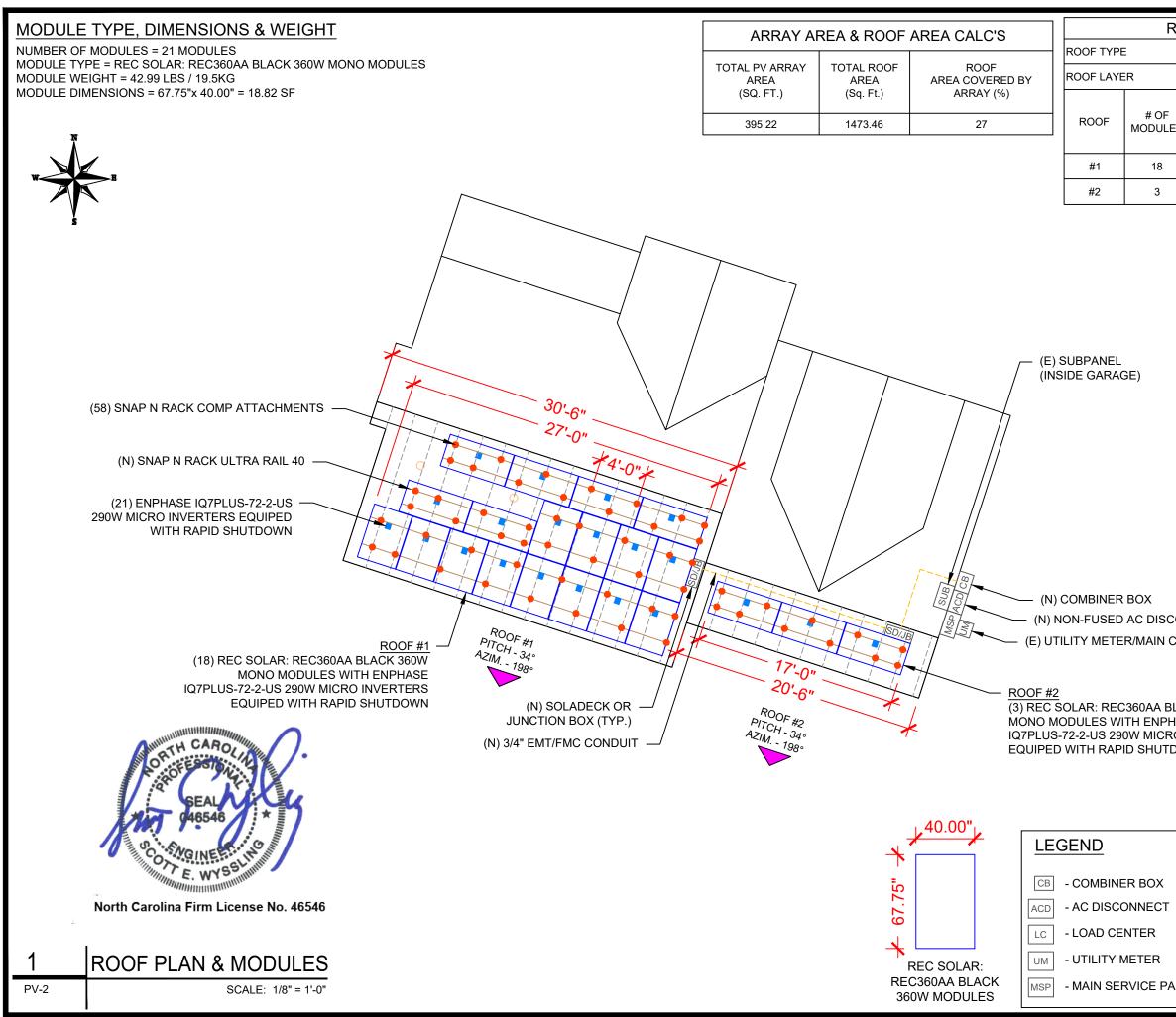
North Carolina License 46546



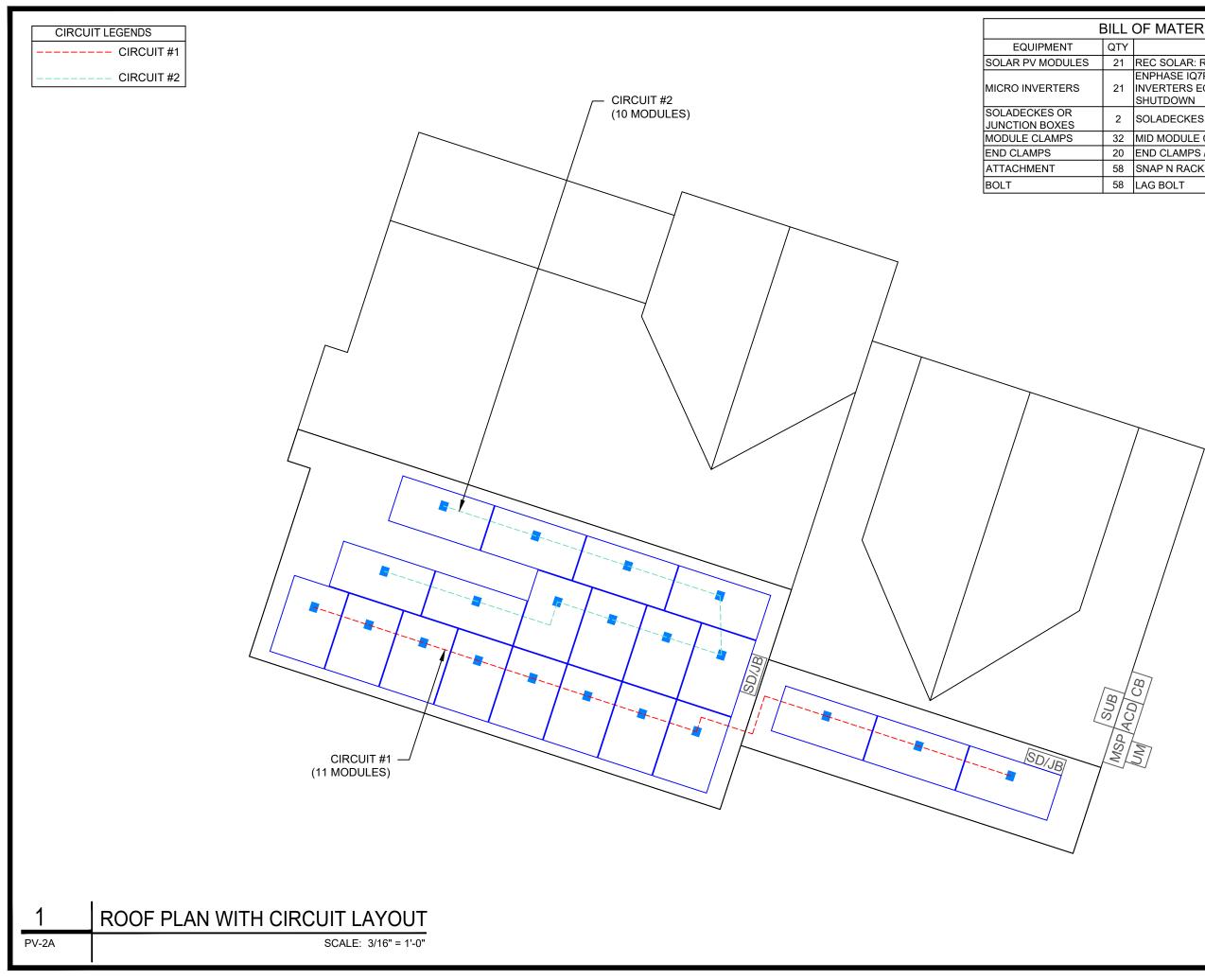
North Carolina Firm License No. 46546







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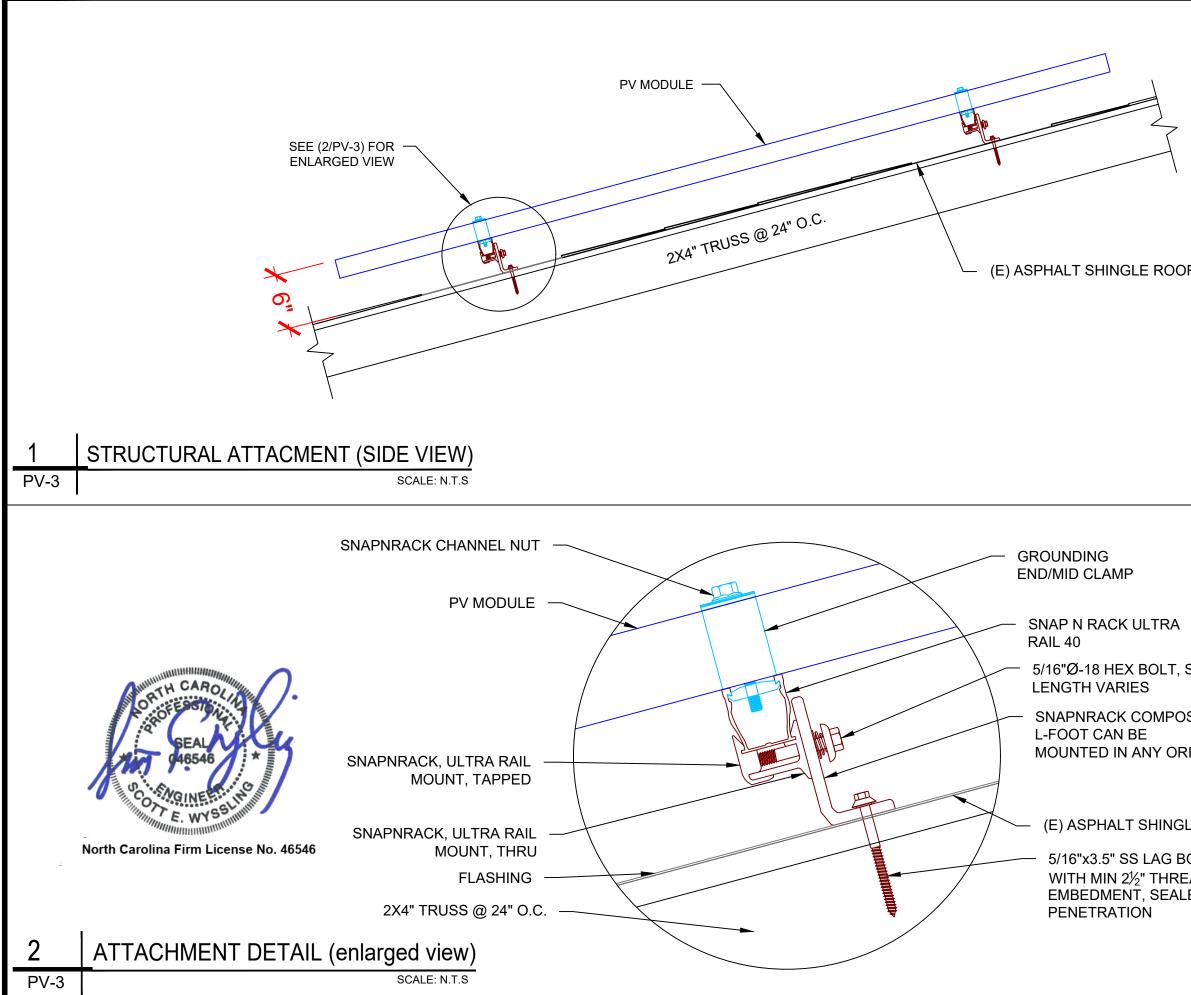


L	OF MATERIALS
ΤY	DESCRIPTION
21	REC SOLAR: REC360AA BLACK 360W
21	ENPHASE IQ7PLUS-72-2-US 290W MICRO INVERTERS EQUIPED WITH RAPID SHUTDOWN
2	SOLADECKES OR JUNCTION BOXES
2	MID MODULE CLAMPS
0	END CLAMPS / STOPPER SLEEVE
8	SNAP N RACK COMP
8	LAG BOLT

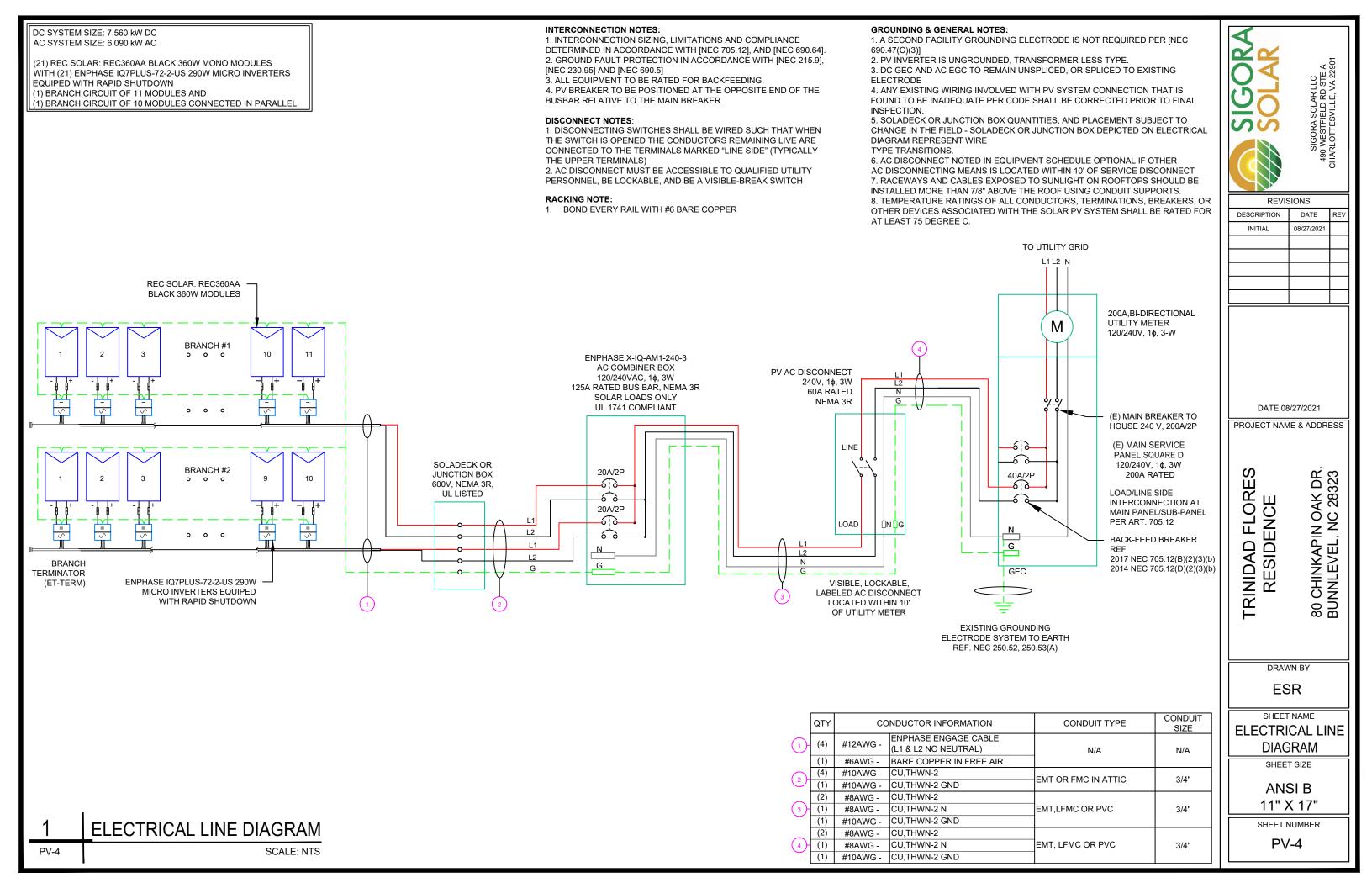
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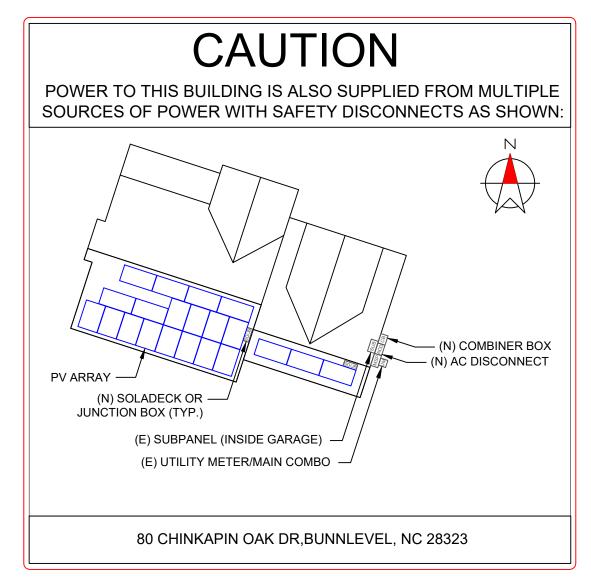
SIGORA SOLAR LLC 490 WESTFIELD RD STE A CHARLOTTESVILLE, VA 22901

	DESCRIPTION	DATE	DEV				
		=	REV				
	INITIAL	08/27/2021					
	DATE:08	/27/2021					
	PROJECT NAM	IE & ADDR	ESS				
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	SIGORA SOLAR	SIGORA SOLAR LLC 490 WESTFIELD RD STE A CHARLOTTESVILLE, VA 22901
		SIONS
	DESCRIPTION	DATE REV
	INITIAL	08/27/2021
F		
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S.S.	TRINIDAD FLORES RESIDENCE	80 CHINKAPIN OAK DR, BUNNLEVEL, NC 28323
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AD	DETAIL	
	SHEE	T SIZE
ED		SI B K 17"
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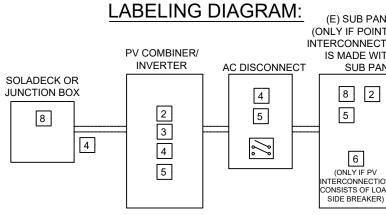




#### DIRECTORY

PERMANENT PLAQUE OR DIRECTORY PROVIDING THE LOCATION OF THE SERVICE DISCONNECTING MEANS AND THE PHOTOVOLTAIC SYSTEM.

(ALL PLAQUES AND SIGNAGE WILL BE INSTALLED AS OUTLINED WITHIN: NEC 690.56(B)&(C), [NEC 705.10])



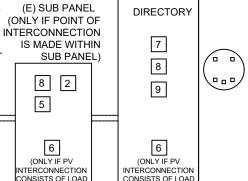
LABELING NOTES:

- 1. LABELS CALLED OUT ACCORDING TO ALL COMMON CONFIGURATIONS. ELECTRICIAN TO DETERMINE EXACT REQUIREMENTS IN THE FIELD PER CURRENT NEC AND LOCAL CODES AND MAKE APPROPRIATE ADJUSTMENTS.
- 2. LABELING REQUIREMENTS BASED ON THE 2017 NATIONAL ELECTRIC CODE, OSHA STANDARD 19010.145, ANSI Z535.
- 3. MATERIAL BASED ON THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
- 4. LABELS TO BE OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED [NEC 110.21]

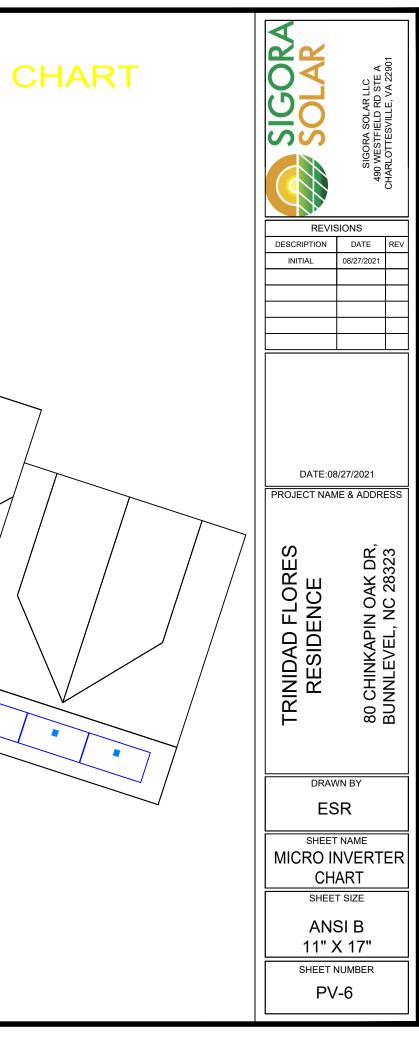
5. LABELS TO BE A MINIMUM LETTER HEIGHT OF 3/8", WHITE ON RED BACKGROUND; REFLECTIVE, AND PERMANENTLY AFFIXED [IFC 605.11.1.1]

\*\* ELECTRICAL DIAGRAM SHOWN ABOVE IS FOR LABELING PURPOSES ONLY. NOT AN ACTUAL REPRESENATION OF EQUIPMENT AND CONNECTIONS TO BE INSTALLED. LABEL LOCATIONS PRESENTED MAY VERY DEPENDING ON TYPE OF INTERCONNECTION METHOD AND LOCATION PRESENTED ELECTRICAL DIAGRAM PAGE. \*\*

	SOLAR SOLAR BEAR	SIGORA SOLAR LLC 81GORA SOLAR LLC 490 WESTFIELD RD STE A CHARLOTTESVILLE, VA 22901	
	DESCRIPTION	DATE REV	
	INITIAL	08/27/2021	
MAIN SERVICE PANEL		80 CHINKAPIN OAK DR, BUNNLEVEL, NC 28323	
DIRECTORY		VN BY	
	ES		
9			
(ONLY IF PV	SHEET SIZE		
ITERCONNECTION ONSISTS OF LOAD SIDE BREAKER)	ANSI B 11" X 17"		
RESENATION ERY DEPENDING	SHEET	NUMBER	
PAGE. **	PV	′-5	



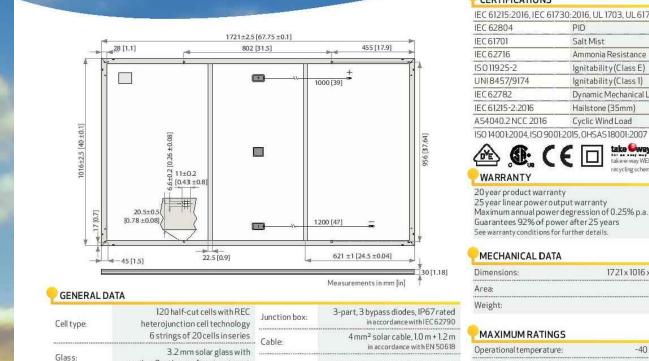
	1-10	11-20	21-30	31-40	41-50	51-60	61-70	
1								MICRO INVERTER
2								
3								
4								
5								
6								
7								
8								
9								
10								



# REC ALPHO BLACK SERIES



### SOLAR'S MOST TRUSTED



# REC ALPHX I AFK SERE

375 W<sub>P</sub>

POWER

20 YEAR PRODUCT WARRANTY

25 YEAR POWER OUTPUT WARRANTY





anti-reflection surface treatment

Values at standard test conditions (STC: air mass AM 1.5, irradiance 1000 W/m<sup>2</sup>, te

tolerance of  $V_{02} \& I_{92} \pm 3\%$  within one watt class. \*Where xxx indicates the nominal power state of  $V_{02} \& I_{92} \pm 3\%$  within one watt class. \*Where xxx indicates the nominal power state of the state o

polymeric construction Anodized aluminum (black) Origin:

Backsheet:

ELECTRICAL DATA @ STC

Nominal Power Voltage - V<sub>MPP</sub> (V)

Nominal Power Current - I<sub>MPD</sub> (A)

Open Circuit Voltage - Vor (V)

Short Circuit Current - I<sub>cc</sub> (A)

ELECTRICAL DATA @ NMOT

Nominal Power Voltage - V<sub>MPP</sub>(V)

Nominal Power Current - I<sub>MPD</sub>(A)

OpenCircuit Voltage - V<sub>oc</sub>(V)

Short Circuit Current - I<sub>sc</sub> (A)

Nominal Power - PMPP (Wp)

Panel Efficiency (%)

Nominal Power - PMPP (Wp)

Watt Class Sorting - (W)

Frame:

Highly resistant Connectors:

355

-0/+5

37.4

9.50

44.0

10.19

20.3

270

35.2

7.67

41.4

8.23

Nominal module operating temperature (NMOT: air mass AM 1.5, irradiance 800 W/m², temperature 20°C, windspeed 1 m/s). \* Where xxx indicates the nominal power class (P<sub>iseo</sub>) at STC above.

Founded in Norway in 1996, REC is a leading vertically integrated solar energy company. Through integrated manufacturing from silicon to wafers, cells, high-quality panels and extending to solar solutions, REC provides the world with a reliable source of clean energy. REC's renowned product quality is supported by the lowest warranty claims ate in the industry. REC is a Bluestar Elkem company with headquarters in Norway and operational headquarters in Singapore. REC employs around 2,000 people worldwide, producing 1.5 GW of solar panels annually.



#### CERTIFICATIONS

IEC 62804	PID
IEC 61701	Salt Mist
IEC 62716	Ammonia Resistance
15011925-2	Ignitability (Class E)
UNI 8457/9174	Ignitability (Class 1)
IEC 62782	Dynamic Mechanical Load
IEC 61215-2:2016	Hailstone (35mm)
A54040.2 NCC 2016	Cyclic Wind Load

25 year linear power output warranty Maximum annual power degression of 0.25% p.a. Guarantees 92% of power after 25 years

imensions: 1721 x 1016 x 30	
Area:	1,75 m²
Weight:	19,5 kg

StäubliMC4PV-KBT4/KST4 (4 mm²)

Product Code\*: RECxxxAA Black

365

-0/+5

38.0

9.60

44.3

10.26

20.9

278

35.8

7.76

41.7

8.29

class (P....) at STC abov

Product Code\*: RECxxxAA Black

360

-0/+5

37.7

9.55

44.1

10.23

20.6

274

35.5

7.71

41.6

8.26

in accordance with IEC 62852

370

-0/+5

38.3

9.66

44.5

10.30

21.2

282

36.1

7.80

41.9

8.32

) based on a production spread with a

IP68 only when connected

Made in Singapore

375

-0/+5

38.7

9.72

44.6

10.40

21.4

286

36.4 7.85

42.0

8.40

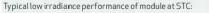
Operational temperature:	-40+85°C
Maximum system voltage:	1000 V
Design load (+): snow	4666Pa (475kg/m <sup>2</sup> )*
Maximum test load (+):	7000 Pa (713 kg/m²)*
Design load (-): wind	2666 Pa (272 kg/m <sup>2</sup> )*
Maximum test load (-):	4000 Pa(407 kg/m²)*
Max series fuse rating;	25 A
Max reverse current:	25 A
* Cale	ulated using a safe to factor of LE

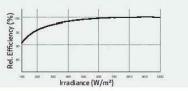
\* Calculated using a safety factor of 1.5 \*See installation manual for mounting instructions

#### TEMPERATURE RATINGS\*

Nominal Module Operating Temperature:	44°C (±2°C)
Temperature coefficient of P <sub>MPP</sub>	-0.26 %/°C
Temperature coefficient of V <sub>oc</sub> :	-0.24 %/°C
Temperature coefficient of I <sub>sc</sub> :	0.04 %/°C
*The temperature coefficients state	d are linear values

#### LOW LIGHT BEHAVIOUR









Data Sheet Enphase Microinverters Region: AMERICAS

## Enphase IQ 7 and IQ 7+ Microinverters

The high-powered smart grid-ready **Enphase IQ 7 Micro™** and **Enphase IQ 7+ Micro™** dramatically simplify the installation process while achieving the highest system efficiency.

Part of the Enphase IQ System, the IQ 7 and IQ 7+ Microinverters integrate with the Enphase IQ Envoy<sup>™</sup>, Enphase IQ Battery<sup>™</sup>, and the Enphase Enlighten<sup>™</sup> monitoring and analysis software.

IQ Series Microinverters extend the reliability standards set forth by previous generations and undergo over a million hours of power-on testing, enabling Enphase to provide an industry-leading warranty of up to 25 years.

#### Easy to Install

- Lightweight and simple
- Faster installation with improved, lighter two-wire cabling
- Built-in rapid shutdown compliant (NEC 2014 & 2017)

#### Productive and Reliable

- Optimized for high powered 60-cell and 72-cell\* modules
- More than a million hours of testing
- Class II double-insulated enclosure
- UL listed

#### Smart Grid Ready

- Complies with advanced grid support, voltage and frequency ride-through requirements
- Remotely updates to respond to changing grid requirements
- Configurable for varying grid profiles
- Meets CA Rule 21 (UL 1741-SA)

\* The IQ 7+ Micro is required to support 72-cell modules.



To learn more about Enphase offerings, visit enphase.com

## 

#### Enphase IQ 7 and IQ 7+ Microinverters

INPUT DATA (DC)	IQ7-60-2-US	1	IQ7PLUS-72-2
Commonly used module pairings <sup>1</sup>	235 W - 350 W +		235 W - 440 W -
Module compatibility	60-cell PV modules only		60-cell and 72-
Maximum input DC voltage	48 V		60 V
Peak power tracking voltage	27 V - 37 V		27 V - 45 V
Operating range	16 V - 48 V		16 V - 60 V
Min/Max start voltage	22 V / 48 V		22 V / 60 V
Max DC short circuit current (module Isc)	15 A		15 A
Overvoltage class DC port	П		11
DC port backfeed current	0 A		0 A
PV array configuration		ded array; No additio ction requires max 20	
OUTPUT DATA (AC)	IQ 7 Microin	verter	IQ 7+ Microin
Peak output power	250 VA		295 VA
Maximum continuous output power	240 VA		290 VA
Nominal (L-L) voltage/range <sup>2</sup>	240 V / 211-264 V	208 V / 183-229 V	240 V / 211-264 V
Maximum continuous output current	1.0 A (240 V)	1.15 A (208 V)	1.21 A (240 V)
Nominal frequency	60 Hz		60 Hz
Extended frequency range	47 - 68 Hz		47 - 68 Hz
AC short circuit fault current over 3 cycles	5.8 Arms		5.8 Arms
Maximum units per 20 A (L-L) branch circuit <sup>3</sup>	16 (240 VAC)	13 (208 VAC)	13 (240 VAC)
Overvoltage class AC port	III		
AC port backfeed current	0 A		0 A
Power factor setting	1.0		1.0
Power factor (adjustable)	0.85 leading	. 0.85 lagging	0.85 leading
EFFICIENCY	@240 V	@208 V	@240 V
Peak efficiency	97.6 %	97.6 %	97.5 %
CEC weighted efficiency	97.0 %	97.0 %	97.0 %
MECHANICAL DATA			
Ambient temperature range	-40°C to +65°	С	
Relative humidity range	4% to 100% (c	ondensing)	
Connector type (IQ7-60-2-US & IQ7PLUS-72-2-US)	MC4 (or Ampl	nenol H4 UTX with ad	ditional Q-DCC-5
Dimensions (WxHxD)	212 mm x 175	mm x 30.2 mm (with	out bracket)
Weight	1.08 kg (2.38 l	bs)	
Cooling	Natural conve	ction - No fans	
Approved for wet locations	Yes		
Pollution degree	PD3		
Enclosure	Class II double	e-insulated, corrosion	resistant polyme
Environmental category / UV exposure rating	NEMA Type 6		1 1
FEATURES			
Communication	Power Line Co	ommunication (PLC)	
Monitoring			n monitoring optic
	Enlighten Manager and MyEnlighten monitoring optic Both options require installation of an Enphase IQ En		
Disconnecting means	The AC and DC connectors have been evaluated an disconnect required by NEC 690.		
Compliance			

No enforced DC/AC ratio. See the compatibility calculator at <u>https://enphase.com/en-us/support/module-comp</u>
 Nominal voltage range can be extended beyond nominal if required by the utility.
 Limits may vary. Refer to local requirements to define the number of microinverters per branch in your area.

#### To learn more about Enphase offerings, visit enphase.com

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72-2-US 0 W + 1 72-cell PV modules	SIGORA SOLAR	SIGORA SOLAR LLC 490 WESTFIELD RD STE A	CHARLOTTESVILLE, VA 22901
	REVI	SIONS	
	DESCRIPTION	DATE	REV
rotection required; circuit	INITIAL	08/27/2021	
croinverter			
2021/			
208 V / 183-229 V			
0 V) 1.39 A (208 V)		1	
C) 11 (208 VAC)			
ng 0.85 lagging			
@208 V	DATE:08	3/27/2021	
97.3 %	PROJECT NAM		-00
97.0 %			_00
C-5 adapter) lymeric enclosure options. Q Envoy. and approved by UL for use as the load-break s B, ICES-0003 Class B,	TRINIDAD FLORES RESIDENCE	80 CHINKAPIN OAK DR,	BUNNLEVEL, NC 28323
n Equipment and conforms with NEC-2014 and 4-218 Rapid Shutdown of PV Systems, for AC anufacturer's instructions.	DRAV	VN BY	
	ES		
mpatibility		RTER	N
	AN	т size SI B X 17"	
		NUMBER	

Data Sheet Enphase Networking

# Enphase IQ Combiner 3

(X-IQ-AM1-240-3)

The Enphase IQ Combiner 3<sup>™</sup> with Enphase IQ Envoy<sup>™</sup> consolidates interconnection equipment into a single enclosure and streamlines PV and storage installations by providing a consistent, pre-wired solution for residential applications. It offers up to four 2-pole input circuits and Eaton BR series busbar assembly.





#### Smart

- Includes IQ Envoy for communication and control
- Flexible networking supports Wi-Fi, Ethernet, or cellular
- Optional AC receptacle available for PLC bridge
- Provides production metering and optional consumption monitoring

#### Simple

- · Reduced size from previous combiner
- Centered mounting brackets support single stud mounting
- Supports back and side conduit entry
- Up to four 2-pole branch circuits for 240 VAC plug-in breakers (not included)
- 80 A total PV or storage branch circuits

#### Reliable

- Durable NRTL-certified NEMA type 3R enclosure
- Five-year warranty
- UL listed



### Enphase IQ Combiner 3

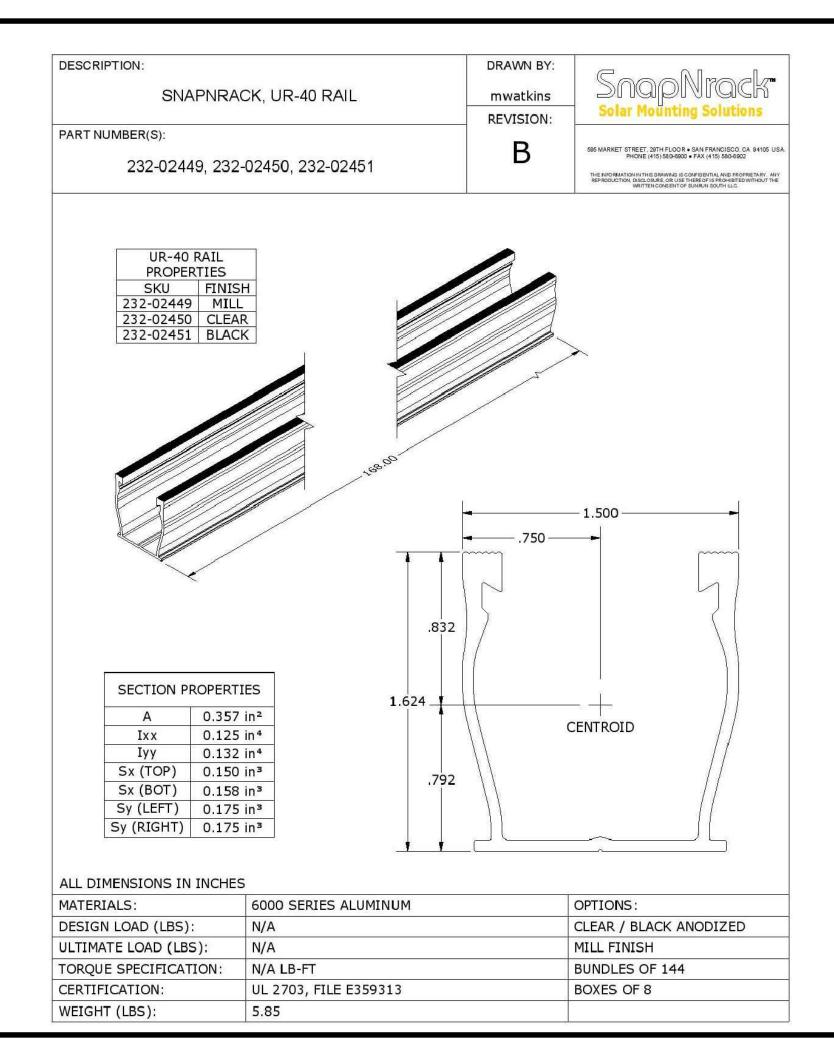
MODEL NUMBER	
IQ Combiner 3 X-IQ-AM1-240-3	IQ Combiner 3 with Enphase IQ Envoy <sup>∞</sup> printed c production metering (ANSI C12.20 +/- 0.5%) and
ACCESSORIES and REPLACEMENT PARTS (no	t included, order separately)
Enphase Mobile Connect™ CELLMODEM-03 (4G / 12-year data plan) CELLMODEM-01 (3G / 5-year data plan) CELLMODEM-M1 (4G based LTE-M / 5-year data plan)	Plug and play industrial grade cellular modem w microinverters. (Available in the US, Canada, Me where there is adequate cellular service in the in
Consumption Monitoring* CT CT-200-SPLIT	Split core current transformers enable whole ho
Circuit Breakers BRK-10A-2-240 BRK-15A-2-240 BRK-20A-2P-240	Supports Eaton BR210, BR215, BR220, BR230, B Circuit breaker, 2 pole, 10A, Eaton BR210 Circuit breaker, 2 pole, 15A, Eaton BR215 Circuit breaker, 2 pole, 20A, Eaton BR220
EPLC-01	Power line carrier (communication bridge pair), o
XA-PLUG-120-3	Accessory receptacle for Power Line Carrier in IC
XA-ENV-PCBA-3	Replacement IQ Envoy printed circuit board (PCI
ELECTRICAL SPECIFICATIONS	
Rating	Continuous duty
System voltage	120/240 VAC, 60 Hz
Eaton BR series busbar rating	125 A
Max. continuous current rating (output to grid)	65 A
Max. fuse/circuit rating (output)	90 A
Branch circuits (solar and/or storage)	Up to four 2-pole Eaton BR series Distributed Ge
Max. continuous current rating (input from PV)	64 A
Max. total branch circuit breaker rating (input)	80A of distributed generation / 90A with IQ Envo
Production Metering CT	200 A solid core pre-installed and wired to IQ En
MECHANICAL DATA	
Dimensions (WxHxD)	49.5 x 37.5 x 16.8 cm (19.5" x 14.75" x 6.63"). Hei
Weight	7.5 kg (16.5 lbs)
Ambient temperature range	-40° C to +46° C (-40° to 115° F)
Cooling	Natural convection, plus heat shield
Enclosure environmental rating	Outdoor, NRTL-certified, NEMA type 3R, polycart
Wire sizes	<ul> <li>20 A to 50 Å breaker inputs: 14 to 4 AWG copp</li> <li>60 Å breaker branch input: 4 to 1/0 AWG copp</li> <li>Main lug combined output: 10 to 2/0 AWG cop</li> <li>Neutral and ground: 14 to 1/0 copper conduct</li> <li>Always follow local code requirements for conduct</li> </ul>
Altitude	To 2000 meters (6,560 feet)
INTERNET CONNECTION OPTIONS	
Integrated Wi-Fi	802.11b/g/n
Ethernet	Optional, 802.3, Cat5E (or Cat 6) UTP Ethernet ca
Cellular	Optional, CELLMODEM-01 (3G) or CELLMODEM (not included)
COMPLIANCE	
Compliance, Combiner	UL 1741 CAN/CSA C22.2 No. 107.1 47 CFR, Part 15, Class B, ICES 003 Production metering: ANSI C12.20 accuracy class
Compliance, IQ Envoy	UL 60601-1/CANCSA 22.2 No. 61010-1
* Consumption monitoring is required for Enphase	Storage Systems

\* Consumption monitoring is required for Enphase Storage Systems.

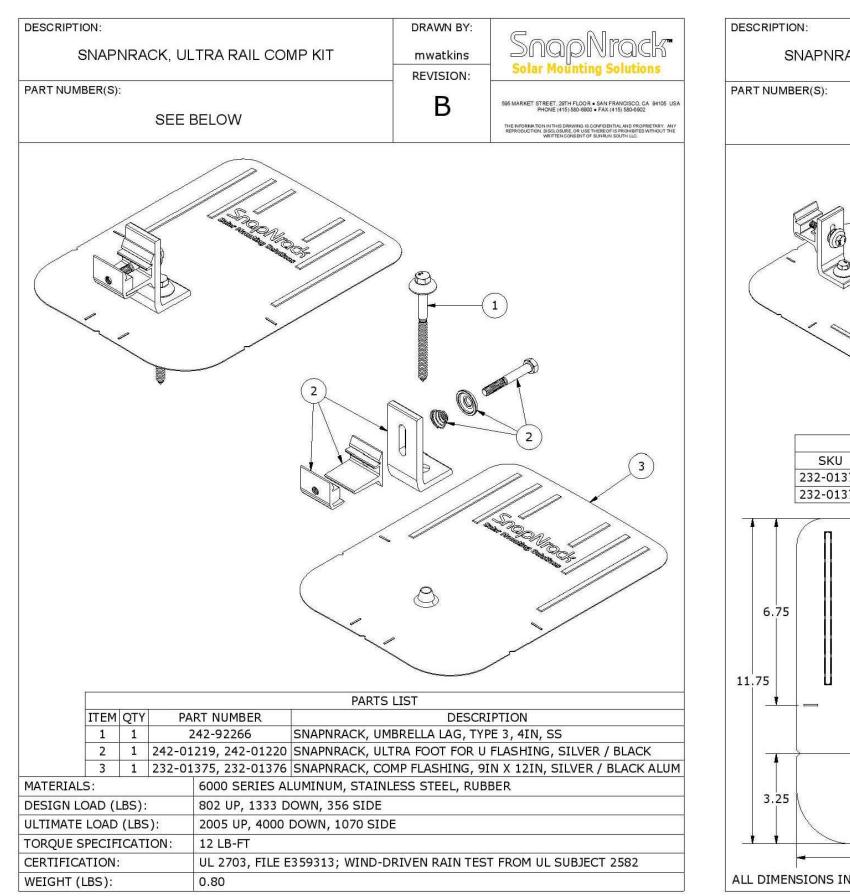
#### To learn more about Enphase offerings, visit enphase.com

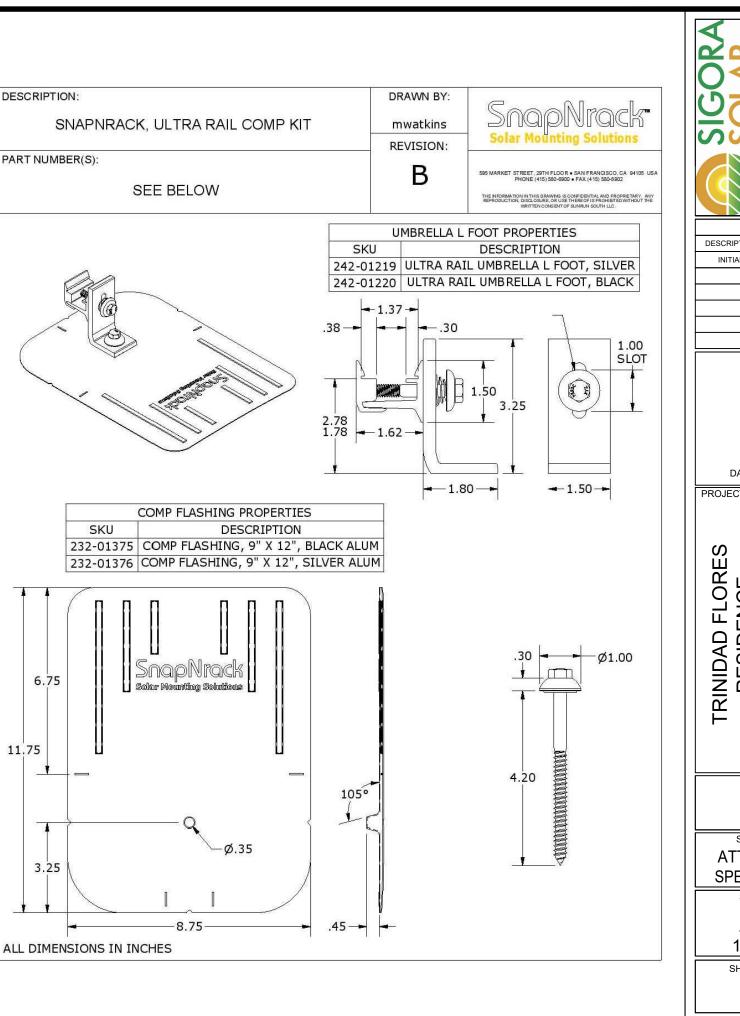
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circuít board for integrated revenue grade PV d optional* consumption monitoring (+/- 2.5%). with data plan for systems up to 60 exico, Puerto Rico, and the US Virgin Islands, istallation area.)	SOLAR SOLAR	SIGORA SOLAR LLC 490 WESTFIELD RD STE A CHARLOTTESVILLE, VA 22901
ma consumption matering (+( 2 E%)	REVIS	IONS
ome consumption metering (+/- 2.5%). 3R240, BR250, and BR260 circuit breakers.	DESCRIPTION	DATE REV 08/27/2021
quantity 2		
Q Combiner 3 (required for EPLC-01)		
B) for Combiner 3		
eneration (DG) breakers only (not included) by breaker included twoy ight is 21.06" (53.5 cm with mounting brackets). bonate construction per conductors per conductors pper conductors tors uctor sizing. able (not included) I-03 (4G) or CELLMODEM-M1 (4G based LTE-M)	DATE:08/ PROJECT NAM SESIDENCE BRAM	80 CHINKAPIN OAK DR, BUNNLEVEL, NC 28323
ss 0.5 (PV production)	ES	
	SHEET COME SPECIFI SHEET	BINER CATION SIZE
	ANS 11" X	【17"
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SIGORA SOLAR	4	CHARLOTTESVILLE, VA 22901
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ATTAC SPECIF	ICATIO T SIZE	
11" >	SI B ( 17"	
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#### **Basic Features**

- Stamped Seamless Construction
- 18 Gauge Galvanized Steel
- Powder Coated Surfaces
- Flashes into the roof deck
- 3 Roof deck knockouts .5", .75", 1"
- 5 Centering dimples for entry/exit fittings or conduit
- 2 Position Ground lug installed
- Mounting Hardware Included



SolaDeck Model SD 0783



## SolaDeck UL50 Type 3R Enclosures

Available Models: Model SD 0783 - (3" fixed Din Rail) Model SD 0786 - (6" slotted Din Rail)



#### SolaDeck UL 1741 Combiner/Enclosures

Models SD 0783-41 and SD 0786-41 are labeled and ETL listed UL STD 1741 according to the UL STD 1741 for photovoltaic combiner enclosures. Max Rated - 600VDC, 120AMPS

Model SD 0783-41 3" Fixed Din Rail fastened using Norlock System \*\*Typical System Configuration

- 4- Din Rail Mounted Fuse Holders 600VDC 30 AMP
- 1- Power Distribution Block 600VDC 175AMP
- 1- Bus Bar with UL lug

Model SD 0786-41 6" Slotted Din Rail fastened using steel studs

- \*\*Typical System Configuration
- 4- Din Rail Mounted Fuse Holders 600VDC 30 AMP
- 4- Din Rail Mounted Terminal Blocks Bus Bars with UL lug

\*\*Fuse holders and terminal blocks added in the field must be UL listed or recognized and meet 600 VDC 30 AMP 110C for fuse holders, 600V 50 AMP 90C for rail mounted terminal blocks and 600 V 175 AMP 90C for Power Distribution Blocks. Use Copper Wire Conductors.



Cover is trimmed to allow conduit or fittings, base is center dimpled for fitting locations.



Model SD 0783-41, wired with Din Rail mounted fuse holders, bus bar and power distribution block.



Model SD 0786-41, wired with Din Rail mounted fuse holders, terminal blocks and bus bars.

RSTC Enterprises, Inc • 2219 Heimstead Road • Eau Cliare, WI 54703 For product information call 1(866) 367-7782

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BUNNLEVEL, N