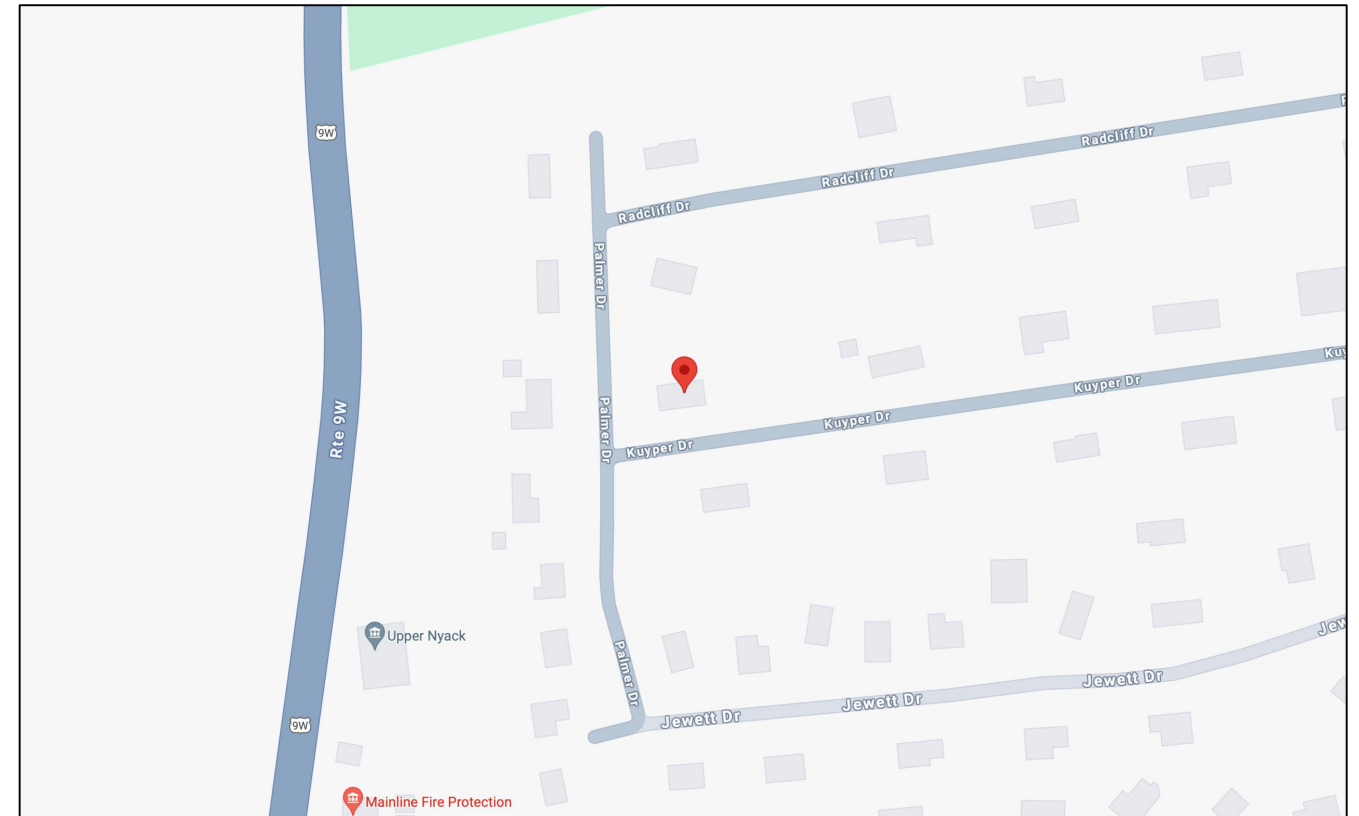


SOLAR ARRAY #1
11 REC 410W
PV PANELS
SEE SHEET 2 OF 5
FOR PANEL LAYOUT

SOLAR ARRAY #3
3 REC 410W
PV PANELS
SEE SHEET 2 OF 5
FOR PANEL LAYOUT

SOLAR ARRAY #2
24 REC 410W
PV PANELS
SEE SHEET 2 OF 5
FOR PANEL LAYOUT

INVERTER & MAIN
DISCONNECT



AERIAL MAP:

NTS

ROOF PANEL LAYOUT PLAN:

NTS

SITE VERIFICATION NOTES:

1. PRIOR TO SUBMISSION TO MUNICIPALITY OF THE PLANS, THIS CONTRACTOR SHALL VISIT THE JOB SITE TO ASCERTAIN THE ACTUAL FIELD CONDITIONS AS THEY RELATE TO THE WORK INDICATED ON THE DRAWINGS AND DESCRIBED HEREIN. DISCREPANCIES, IF ANY, SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO SUBMISSION OF THE PLANS. SUBMISSION OF PLANS SHALL BE EVIDENCE THAT SITE VERIFICATION HAS BEEN PERFORMED AS DESCRIBED ABOVE.
2. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS PRIOR TO THE START OF WORK. IF EXISTING CONDITIONS VARY FROM PLANS, THE CONTRACTOR SHALL STOP WORK AND NOTIFY PROJECT ENGINEER A.S.A.P. CONTRACTOR ASSUMES ALL RESPONSIBILITY AND LIABILITY THEREFROM.
3. THE OWNER/CONTRATOR SHALL OBTAIN ALL NECESSARY PERMITS, VERIFY ALL CONDITIONS, EXAMINE THE DESIGN DOCUMENTS AND BE RESPONSIBLE FOR ALL MEASUREMENTS, DIMENSIONS AND CONDITIONS.
4. COMMENCEMENT OF CONSTRUCTION WILL SIGNIFY THAT THE CONTRACTOR WILL HOLD THE DESIGN ENGINEER HARMLESS FOR ANY AND ALL ERRORS, OMISSIONS AND PERSONAL LIABILITY.

PROJECT DESIGN DATA:

WORK SHALL BE COMPLETED AS PER 2020 RESIDENTIAL CODE OF NEW YORK STATE, PUBLICATION DATE: NOVEMBER 2019, NFPA 70, 2020 NATIONAL ELECTRICAL CODE AND 2018 WOOD FRAME CONSTRUCTION MANUAL LOAD CRITERIA AS FOLLOWS
EXPOSURE CATEGORY: "B"
GROUND SNOW LOAD: 40 PSF
WIND SPEED: 120 MPH

GENERAL NOTES:

1. ALL SOLAR MODULES TO BE REC 410W AND SHALL BE INSTALLED AS PER REC INSTALLATION MANUAL.
2. ALL INVERTERS TO BE ENPHASE MICRO INVERTERS ALL RACKING TO BE IRON RIDGE AND ALL RACKING TO INSTALLED AS PER IRON RIDGE MANUFACTURERS SPECIFICATIONS.
3. TOTAL PANEL SIZE ON ROOF - 789.26 SQ FT

RESIDENTIAL SOLAR PANEL INSTALLATION
LOCATED AT - 212 KUYPER DRIVE, UPPER NYACK, NEW YORK 10960
VILLAGE OF UPPER NYACK, ROCKLAND COUNTY, NEW YORK



**SOLAR PANEL
INSTALLATION
YASSKY
RESIDENCE**
212 KUYPER DRIVE
UPPER NYACK
NEW YORK 10960

REVISIONS NOTES

DWG. BY: MEM		SCALE: AS-NOTED	
CHECKED BY: MEM		PROJECT #: ES-	
DATE: JANUARY 9, 2024		SBL #: 60.05-02-36	
MUNICIPALITY: VILLAGE OF UPPER NYACK		COUNTY: ROCKLAND	

SYSTEM NOTES:

TOTAL SYSTEM SIZE: 15.58KW DC SYSTEM
PANEL TYPE: REC 410W
OF PANELS: 38
INVERTER TYPE: ENPHASE IQ7X
OF INVERTERS: 38

ARRAY	#1	#2	#3
AZIMUTH:	172	353	83
TILT:	19	19	21
# PANELS	11	24	3

PROFESSIONAL NOTES:

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SEAL & SIGNATURE



DWG#

S-1

**PROJECT
SITE PLAN
AND NOTES**

DWG.

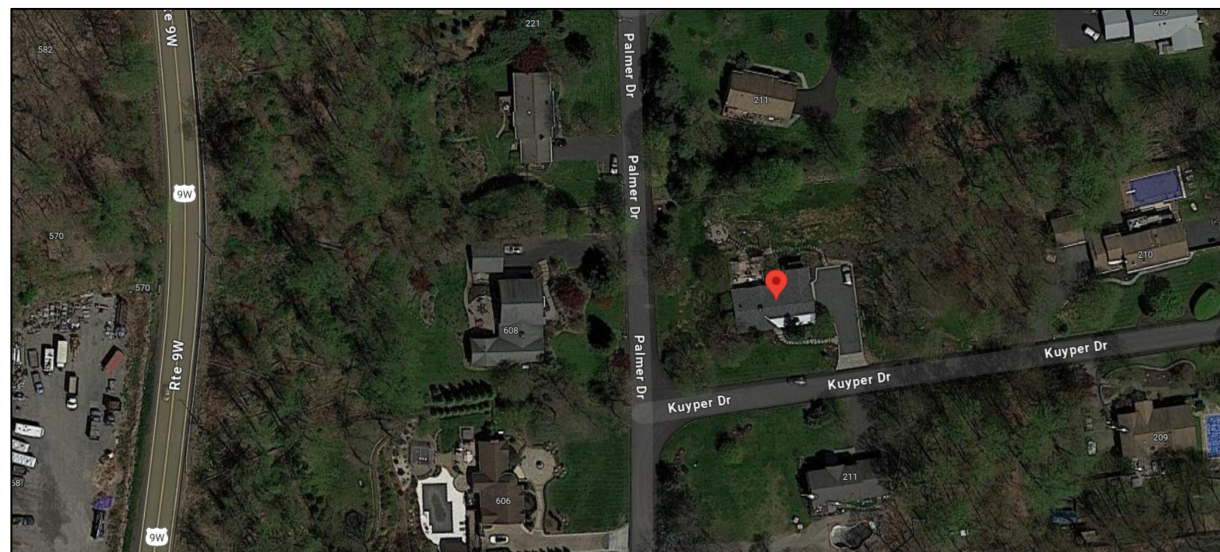
1 OF 5



FRONT ELEVATION:



VIEW LOOKING FROM THE RIGHT:



AERIAL VIEW:



VIEW LOOKING FROM THE LEFT:



**SOLAR PANEL
INSTALLATION
YASSKY
RESIDENCE**
212 KUYPER DRIVE
UPPER NYACK
NEW YORK 10960

REVISIONS NOTES

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DWG#

S-1

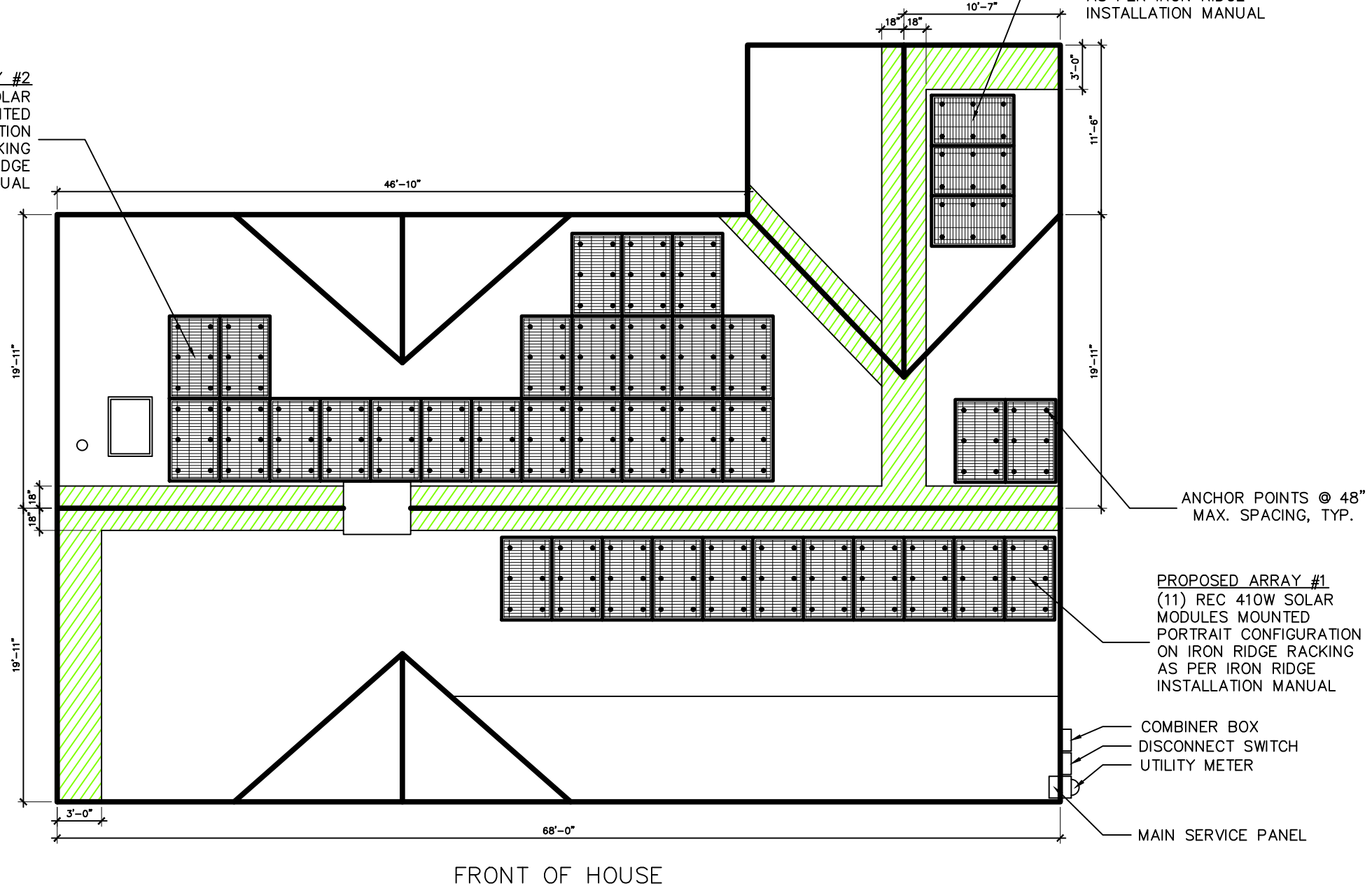
**PROJECT
ELEVATIONS**

DWG.

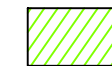
1A OF 5

PROPOSED ARRAY #2
 (24) REC 410W SOLAR
 MODULES MOUNTED
 PORTRAIT CONFIGURATION
 ON IRON RIDGE RACKING
 AS PER IRON RIDGE
 INSTALLATION MANUAL

PROPOSED ARRAY #3
 (3) REC 410W SOLAR
 MODULES MOUNTED
 PORTRAIT CONFIGURATION
 ON IRON RIDGE RACKING
 AS PER IRON RIDGE
 INSTALLATION MANUAL



ROOF PANEL LAYOUT:



FIRST RESPONDER ACCESS AS PER THE 2020
 RESIDENTIAL CODE OF NEW YORK STATE,
 PUBLICATION DATE: NOVEMBER 2019, SECTION
 R324.6 "ROOF ACCESS AND PATHWAYS"



SOLAR PANEL
 INSTALLATION
 YASSKY
 RESIDENCE
 212 KUYPER DRIVE
 UPPER NYACK
 NEW YORK 10960

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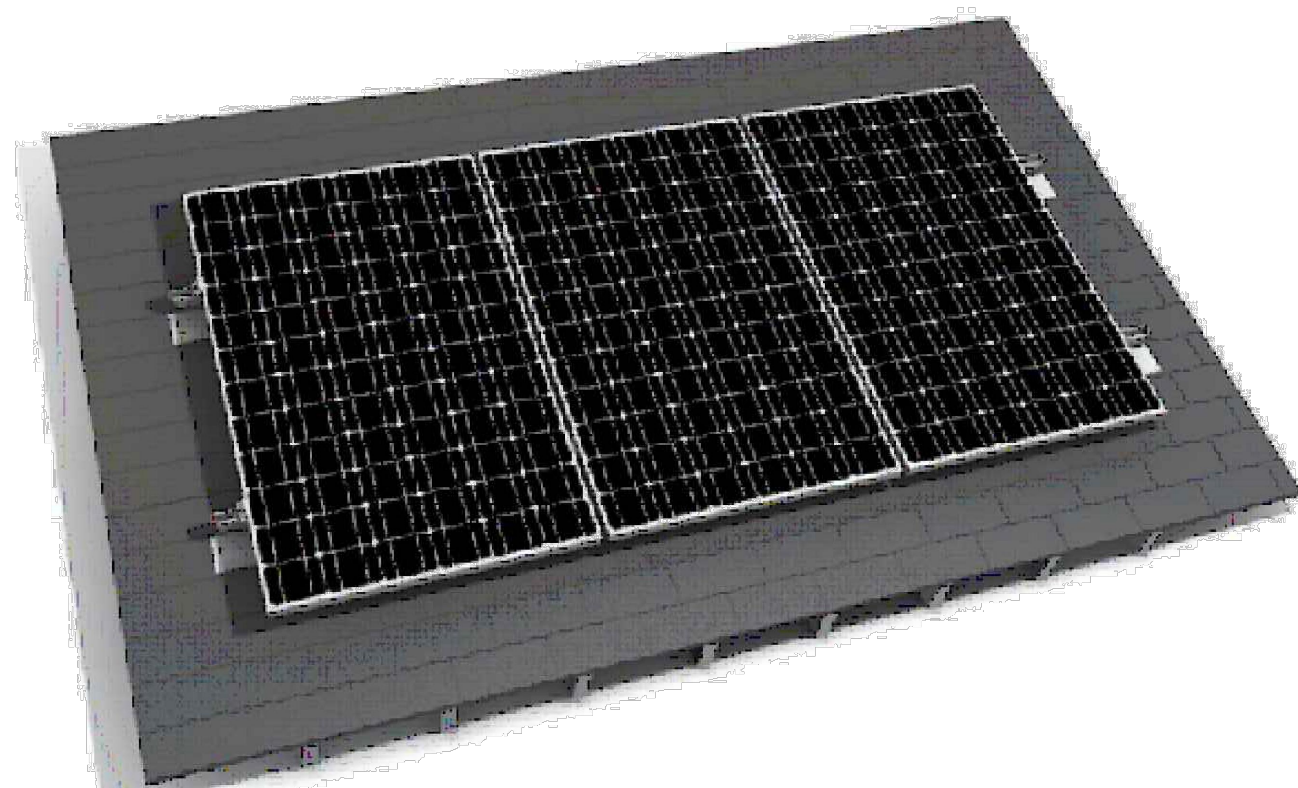
SEAL & SIGNATURE



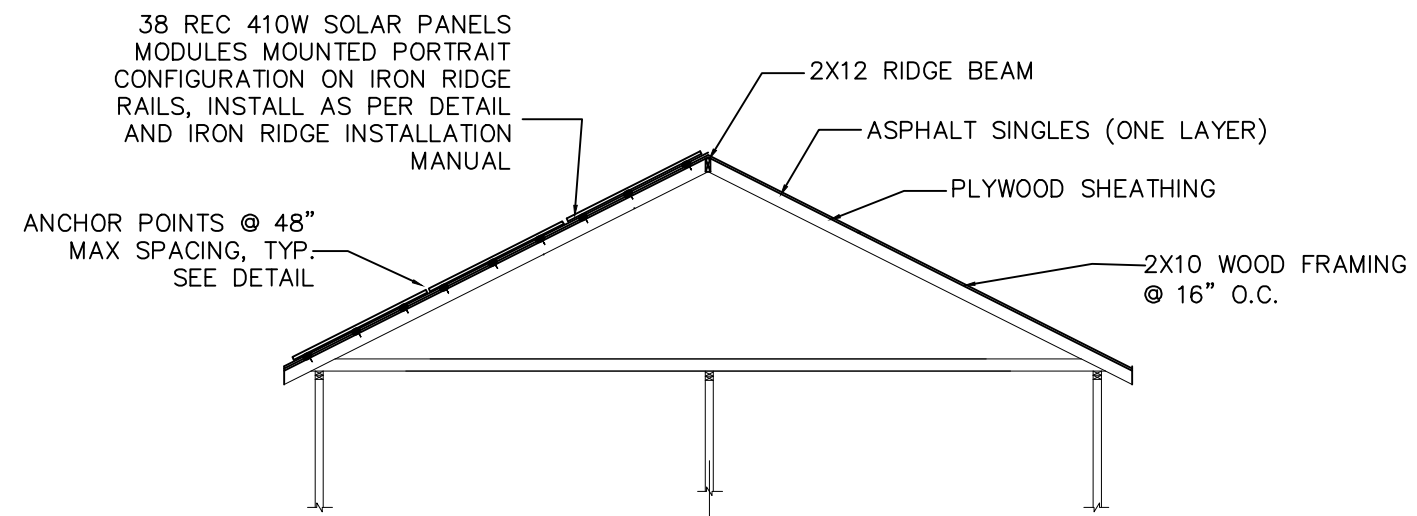
DWG#

S-2
 SOLAR
 ROOF
 LAYOUT
 PLAN

DWG.



IRON RIDGE RACKING

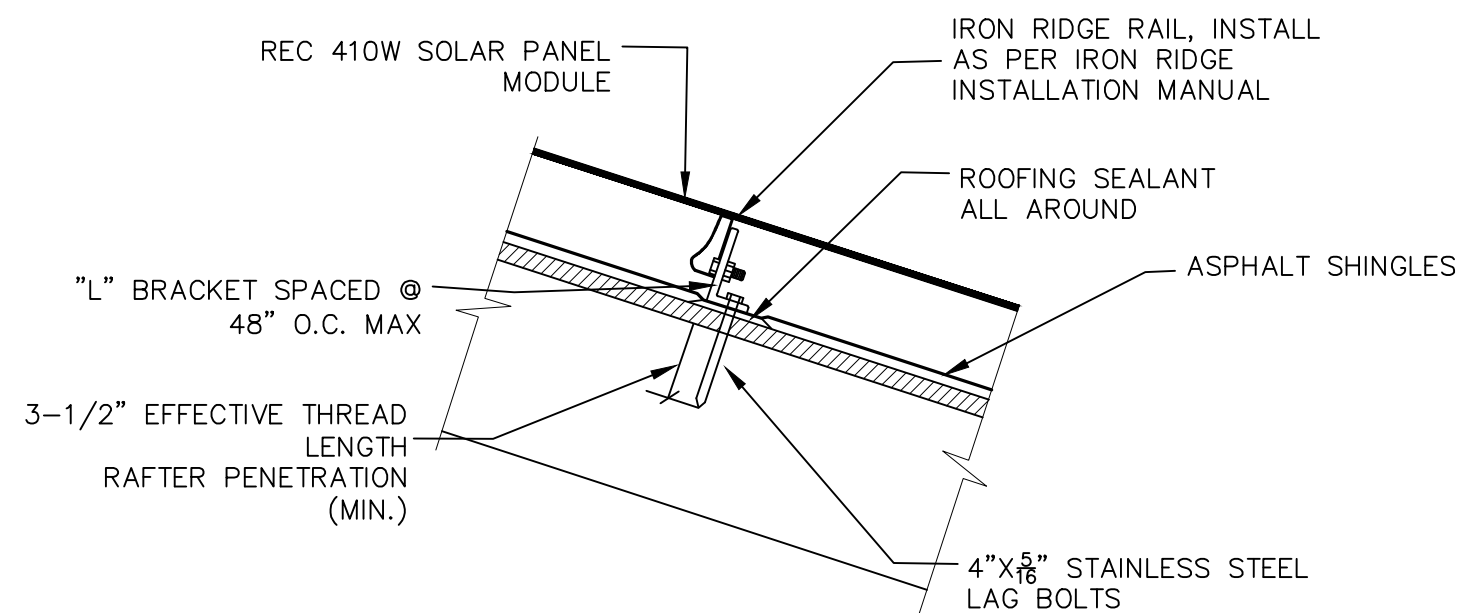


ROOF SECTION:

NTS

XRS Maximum Spans (feet)

Exposure	Wind Speed (mph)	0 psf Snow			10 psf Snow			20 psf Snow			30 psf Snow			40 psf Snow		
		Zone 1	Zone 2	Zone 3	Zone 1	Zone 2	Zone 3	Zone 1	Zone 2	Zone 3	Zone 1	Zone 2	Zone 3	Zone 1	Zone 2	Zone 3
Category B	90 mph	13.5	13.5	10.5	12.5	12.5	10.5	10.5	10.5	10.5	10.0	10.0	10.0	9.0	9.0	9.0
	100 mph	13.5	12.0	9.5	12.5	12.0	9.5	10.5	10.5	9.5	10.0	10.0	9.5	9.0	9.0	9.0
	110 mph	13.5	11.5	9.0	12.5	11.5	9.0	10.5	10.5	9.0	10.0	10.0	9.0	9.0	9.0	9.0
	120 mph	13.5	10.5	8.5	12.5	10.5	8.5	10.5	10.5	8.5	10.0	10.0	8.5	9.0	9.0	8.5
	130 mph	13.5	9.5	7.5	12.5	9.5	7.5	10.5	9.5	7.5	10.0	9.5	7.5	9.0	9.0	7.5
	140 mph	12.5	9.0	7.0	12.5	9.0	7.0	10.5	9.0	7.0	10.0	9.0	7.0	9.0	9.0	7.0
Category C	150 mph	11.5	8.5	6.5	11.5	8.5	6.5	9.5	9.5	6.5	10.0	8.5	6.5	9.0	8.5	6.5
	90 mph	13.5	11.0	8.5	12.5	11.0	8.5	10.5	10.5	10.5	10.0	10.0	8.5	9.0	9.0	8.5
	100 mph	13.5	9.5	8.0	12.5	9.5	8.0	10.5	9.5	8.0	10.0	9.5	8.0	9.0	9.0	8.0
	110 mph	13.0	9.5	7.5	12.5	9.5	7.5	10.5	9.5	7.5	10.0	9.5	7.5	9.0	9.0	7.5
	120 mph	12.0	8.5	7.0	12.0	8.5	7.0	10.5	8.5	7.0	10.0	8.5	7.0	9.0	8.5	7.0
	130 mph	11.0	8.0	6.5	11.0	8.0	6.5	10.5	8.0	6.5	9.5	8.0	6.5	9.0	8.0	6.5
140 mph	10.0	7.5	6.0	10.0	7.5	6.0	10.0	7.5	6.0	9.5	7.5	6.0	8.5	7.5	6.0	
150 mph	9.5	7.0	5.5	9.5	7.0	5.5	9.5	7.0	5.5	9.0	7.0	5.5	8.5	7.0	5.5	



ATTACHMENT DETAIL:

NTS



SOLAR PANEL
INSTALLATION
YASSKY
RESIDENCE
212 KUYPER DRIVE
UPPER NYACK
NEW YORK 10960

REVISIONS NOTES

DWG. BY: MEM	SCALE: AS-NOTED
CHECKED BY: MEM	PROJECT #: ES-
DATE: JANUARY 9, 2024	SBL #: 60.05-02-36
MUNICIPALITY: VILLAGE OF UPPER NYACK	COUNTY: ROCKLAND

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SEAL & SIGNATURE



DWG#

S-3
SOLAR
PANEL
ATTACHMENT
PLAN I

DWG. 3 OF 5

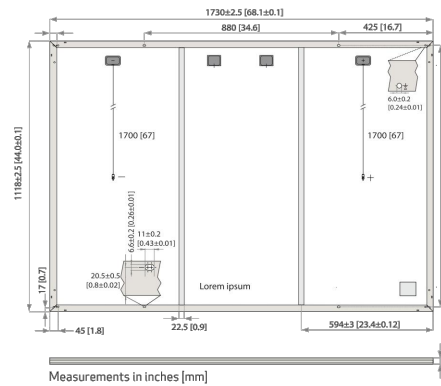
CERTIFICATION NOTES:

- THE ROOF STRUCTURAL MEMBERS HAVE BEEN CHECKED FOR 120 MPH WIND LOADS BASED ON ASCE7-16 AND FOR COMPLIANCE WITH THE 2020 RESIDENTIAL CODE OF NEW YORK STATE, PUBLICATION DATE: NOVEMBER 2019. THERE WAS (1) LAYER OF ROOF SHINGLES INSTALLED AT THE TIME OF THE INSPECTION. THIS PLAN DOES NOT APPLY IF ANY ADDITIONAL ROOF SHINGLES LAYERS ARE INSTALLED AFTER THE SITE INSPECTION. INSTALLATION OF SOLAR PANELS WITH MORE THAN (1) LAYERS OF ROOF SHINGLES IS NEVER PERMITTED.
- THE MOUNTING BRACKETS & HARDWARE MEET OR EXCEEDS ASCE 7-16 AND 2020 RESIDENTIAL CODE OF NEW YORK STATE, PUBLICATION DATE: NOVEMBER 2019 WITH 120 MPH WIND DESIGN. THE SYSTEM'S ATTACHMENT TO THE ROOF TO MEET OR EXCEED 2020 RESIDENTIAL CODE OF NEW YORK STATE, PUBLICATION DATE: NOVEMBER 2019.
- ANY PLUMBING VENTS THROUGH THE ROOF ARE NOT TO BE CUT OR COVERED DURING PANEL INSTALLATION. ANY MODIFICATION OR RELOCATION OF VENTS WILL REQUIRED A PLUMBING PERMIT AND INSPECTIONS.
- SIZES OF MEMBERS THAT WERE NOT ACCESSIBLE FOR DIRECT MEASUREMENT ARE BASED ON OBSERVATIONS OF ACCESSIBLE MEMBERS OR CONSTRUCTION DEPTH OR BOTH AND OUR KNOWLEDGE OF STANDARD CONSTRUCTION PRACTICES AT THE TIME OF CONSTRUCTION.
- THE EXISTING ROOF AND BUILDING STRUCTURE CAN SAFELY SUSTAIN, AND DISTRIBUTE TO THE GROUND, THE ADDITIONAL LOADS IMPOSED BY THE PROPOSED WORK IN ADDITION TO ALL OTHER GRAVITY AND LATERAL LOADS AS REQUIRED BY 2020 RESIDENTIAL CODE OF NEW YORK STATE, PUBLICATION DATE: NOVEMBER 2019

REC ALPHA PURE-R SERIES PRODUCT SPECIFICATIONS



GENERAL DATA	
Cell type:	80 half-cut REC bifacial, heterojunction cells with lead-free, gapless technology
Glass:	0.13in(3.2mm) solar glass with anti-reflective surface treatment in accordance with EN 12150
Backsheet:	Highly resistant polymer (black)
Frame:	Anodized aluminum (black)
Junction box:	4-part, 4 bypass diodes, lead-free IP68 rated, in accordance with IEC 62790
Connectors:	Stäubli MC4 PV-KBT4/KST4 (4 mm ²) in accordance with IEC 62852, IP68 only when connected
Cable:	12 AWG (4 mm ²) PV wire, 67 + 67 in (1.7 + 1.7 m) in accordance with EN 50618
Dimensions:	68.1 x 44.0 x 1.2 in (20.77 ft) / 1730 x 1118 x 30 mm (1.93 m ²)
Weight:	47.4 lbs (21.5 kg)
Origin:	Made in Singapore



	Product Code: RECxxxAA PURE-R			
	400	410	420	430
Power Output - P _{MAX} (Wp)	400	410	420	430
Watt Class Sorting - (W)	0/+10	0/+10	0/+10	0/+10
Nominal Power Voltage - V _{MPP} (V)	48.8	49.4	50.0	50.5
Nominal Power Current - I _{MPP} (A)	8.20	8.30	8.40	8.52
Open Circuit Voltage - V _{OC} (V)	58.9	59.2	59.4	59.7
Short Circuit Current - I _{SC} (A)	8.73	8.81	8.89	8.97
Power Density (W/ft ²)	207	212	218	223
Panel Efficiency (%)	20.7	21.2	21.8	22.3
Power Output - P _{MAX} (Wp)	305	312	320	327
Nominal Power Voltage - V _{MPP} (V)	46.0	46.6	47.1	47.6
Nominal Power Current - I _{MPP} (A)	6.64	6.70	6.78	6.88
Open Circuit Voltage - V _{OC} (V)	55.5	55.8	56.0	56.3
Short Circuit Current - I _{SC} (A)	7.05	7.12	7.18	7.24

Values at standard test conditions (STC: air mass AM1.5, irradiance 1075 W/sq ft (1000 W/m²), temperature 77°F (25°C), based on a production spread with a tolerance of P_{MAX}, V_{OC} & I_{SC} ±3% within one watt class. Nominal module operating temperature (NMOT: air mass AM1.5, irradiance 800 W/m², temperature 68°F (20°C), windspeed 3.3 ft/s (1 m/s). *Where xxx indicates the nominal power class (P_{MAX}) at STC above.

MAXIMUM RATINGS	WARRANTY			
	Standard	REC ProTrust		
Operational temperature:	-40 ... +85°C			
System voltage:	1000 V			
Test load (front):	+7000 Pa (146 lbs/ft ²)			
Test load (rear):	-4000 Pa (83.5 lbs/ft ²)			
Series fuse rating:	25 A			
Reverse current:	25 A			
*See installation manual for mounting instructions. Design load = Test load / 1.5 (safety factor)				
	Installed by an REC Certified Solar Professional	No	Yes	Yes
System Size	All	≤25 kW	25-500 kW	
Product Warranty (yrs)	20	25	25	
Power Warranty (yrs)	25	25	25	
Labor Warranty (yrs)	0	25	10	
Power in Year 1	98%	98%	98%	
Annual Degradation	0.25%	0.25%	0.25%	
Power in Year 25	92%	92%	92%	

See warranty documents for details. Conditions apply

Available from:

Founded in 1996, REC Group is an international pioneering solar energy company dedicated to empowering consumers with clean, affordable solar power. As Solar's Most Trusted, REC is committed to high quality, innovation, and a low carbon footprint in the solar materials and solar panels it manufactures. Headquartered in Norway with operational headquarters in Singapore, REC also has regional hubs in North America, Europe, and Asia-Pacific.

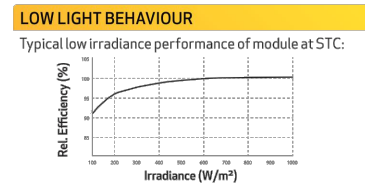
CERTIFICATIONS	
IEC 61215:2016, IEC 61730:2016, UL 61730	
IEC 62804	PID
IEC 61701	Salt Mist
IEC 62716	Ammonia Resistance
UL 61730	Fire Type Class 2
IEC 62782	Dynamic Mechanical Load
IEC 61215-2:2016	Hailstone (35mm)
IEC 62321	Lead-free acc. to RoHS EU 863/2015
ISO 14001, ISO 9001, IEC 45001, IEC 62941	



TEMPERATURE RATINGS*	
Nominal Module Operating Temperature:	44°C (±2°C)
Temperature coefficient of P _{MAX} :	-0.26 %/°C
Temperature coefficient of V _{OC} :	-0.24 %/°C
Temperature coefficient of I _{SC} :	0.04 %/°C

*The temperature coefficients stated are linear values

DELIVERY INFORMATION	
Panels per pallet:	33
Panels per 40 ft GP/high cube container:	858 (26 pallets)



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Enphase IQ 7X Microinverter

INPUT DATA (DC)	IQ7X-96-2-US	
Commonly used module pairings ¹	320 W - 460 W +	
Module compatibility	96-cell PV modules	
Maximum input DC voltage	79.5 V	
Peak power tracking voltage	53 V - 64 V	
Operating range	25 V - 79.5 V	
Min/Max start voltage	33 V / 79.5 V	
Max DC short circuit current (module I _{sc})	10 A	
Overtoltage class DC port	II	
DC port backfeed current	0 A	
PV array configuration	1 x 1 ungrounded array; No additional DC side protection required; AC side protection requires max 20A per branch circuit	
OUTPUT DATA (AC)	@ 240 VAC	@ 208 VAC
Peak output power	320 VA	
Maximum continuous output power	315 VA	
Nominal (L-L) voltage/range ²	240 V / 211-264 V	
Maximum continuous output current	1.31 A (240 VAC)	1.51 A (208 VAC)
Nominal frequency	60 Hz	
Extended frequency range	47 - 68 Hz	
AC short circuit fault current over 3 cycles	5.8 Arms	
Maximum units per 20 A (L-L) branch circuit ³	12 (240 VAC)	10 (208 VAC)
Overtoltage class AC port	III	
AC port backfeed current	18 mA	
Power factor setting	1.0	
Power factor (adjustable)	0.85 leading ... 0.85 lagging	
EFFICIENCY	@240 VAC	@208 VAC
CEC weighted efficiency	97.5 %	97.0 %
MECHANICAL DATA		
Ambient temperature range	-40°C to +60°C	
Relative humidity range	4% to 100% (condensing)	
Connector type (IQ7X-96-2-US)	MC4 (or Amphenol H4 UTX with optional Q-DCC-5 adapter)	
Dimensions (WxHxD)	212 mm x 175 mm x 30.2 mm (without bracket)	
Weight	1.08 kg (2.38 lbs)	
Cooling	Natural convection - No fans	
Approved for wet locations	Yes	
Pollution degree	PD3	
Enclosure	Class II double-insulated, corrosion resistant polymeric enclosure	
Environmental category / UV exposure rating	NEMA Type 6 / outdoor	
FEATURES		
Communication	Power Line Communication (PLC)	
Monitoring	Enlighten Manager and MyEnlighten monitoring options Compatible with Enphase IQ Envoy	
Disconnecting means	The AC and DC connectors have been evaluated and approved by UL for use as the load-break disconnect required by NEC 690.	
Compliance	CA Rule 21 (UL 1741-SA) UL 62109-1, UL1741/IEEE1547, 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 Shut Down Equipment and conforms with NEC-2014 and NEC-2017 section 690.12 and C22.1-2015 Rule 64-218 Rapid Shutdown of PV Systems, for AC and DC conductors, when installed according manufacturer's instructions.	

- No enforced DC/AC ratio. See the compatibility calculator at <https://enphase.com/en-us/support/module-compatibility>.
- 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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**SOLAR PANEL
INSTALLATION
YASSKY
RESIDENCE**
212 KUYPER DRIVE
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NEW YORK 10960

REVISIONS NOTES

DWG. BY:	MEM	SCALE:	AS-NOTED
CHECKED BY:	MEM	PROJECT #:	ES-
DATE:	JANUARY 9, 2024	SBL #:	60.05-02-36
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SEAL & SIGNATURE



DWG#

S-4

**SOLAR
PANEL &
INVERTER
SPECIFICATIONS**

DWG.

4 OF 5

AC & DC GROUNDING CONDUCTORS PER
NEC ARTICLE 690.47(c)(2)
CONNECTED AS PER 250.64(c)(2)

ALL CONDUCTORS ARE TO BE
COPPER UNLESS NOTED OTHERWISE

ALL EXTERIOR MOUNTED COMBINERS,
JUNCTION BOXES, TROUGHS, DISCONNECTS,
ETC. SHALL BE NEMA 3R RATED.

CB1
AMPACITY: 20 AMP BREAKER
VOLTAGE: 240V
SINGLE PHASE + GROUND

CB2
AMPACITY: 20 AMP BREAKER
VOLTAGE: 240V
SINGLE PHASE + GROUND

CB3
AMPACITY: 20 AMP BREAKER
VOLTAGE: 240V
SINGLE PHASE + GROUND

CB4
AMPACITY: 20 AMP BREAKER
VOLTAGE: 240V
SINGLE PHASE + GROUND

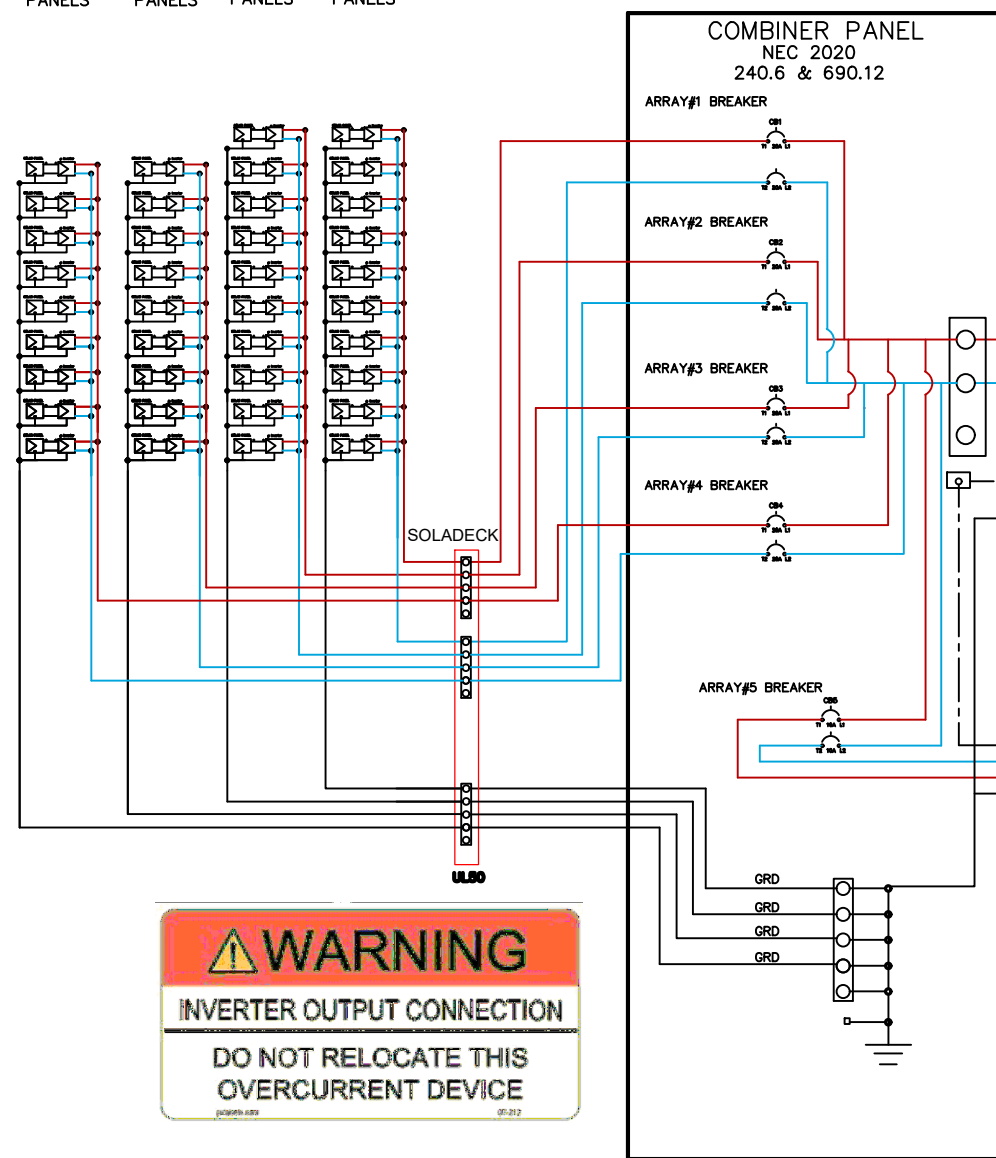
WARNING
ELECTRIC SHOCK HAZARD
DO NOT TOUCH TERMINALS
TERMINALS ON BOTH THE LINE AND
LOAD SIDES MAY BE ENERGIZED
IN THE OPEN POSITION

CIRCUIT 4
1 STRING
X 9
MODULES
9 TOTAL
PANELS

CIRCUIT 3
1 STRING
X 9
MODULES
9 TOTAL
PANELS

CIRCUIT 2
1 STRING
X 10
MODULES
10 TOTAL
PANELS

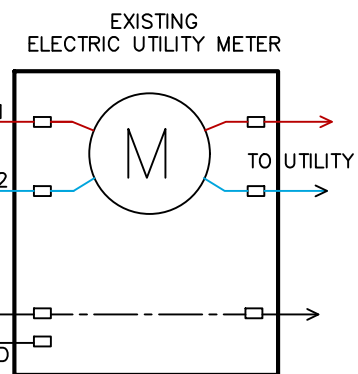
CIRCUIT 1
1 STRING
X 10
MODULES
10 TOTAL
PANELS



**PHOTOVOLTAIC
MAIN SOLAR SYSTEM
AC DISCONNECT**

89L DISCONNECT
60A RATED
60A FUSED
DISCONNECT
120/240V

**PHOTOVOLTAIC SYSTEM
AC DISCONNECT**
RATED AC OUTPUT CURRENT 49.4 A
NOMINAL OPERATING AC VOLTAGE 240 V



WIRE AMPACITY
NEC TABLE 310.15(B)(16)
#10 THWN Cu35A RATED
#8 THWN Cu50A RATED
#6 THWN Cu65A RATED
#4 THWN Cu85A RATED

AC SYSTEM SIZE = # OF PANELS X
INVERTER OUTPUT RATING

38 PANELS X 0.315 = 11.97 KW/AC

CONFIRM LINE SIDE VOLTAGE AT ELECTRIC
UTILITY SERVICE ENTRANCE BEFORE
CONNECTING INVERTER AND ENSURE
PROPER OPERATIONAL RANGE REQUIRED
BY SYSTEM INVERTER.

DC CONDUITS MAY BE RUN ABOVE OR BELOW
ROOF.
PROVIDE SOLADECK JUNCTION/FLASHING WHEN
PENETRATING THE ROOF WITH DC CONDUCTORS

ALL DC CONDUCTORS WITHIN THE BUILDING
ENVELOPE MUST BE IN METALLIC CONDUIT.

DC CONDUCTORS MUST BE 90' RATED.

INTERCONNECTION TO UTILITY AND SYSTEM
GROUNDING PER NEC-2020 ARTICLE 690

PROVIDE SIGNAGE AS REQUIRED BY
NEC-2020 ARTICLE 690.

ALL OUTDOOR EQUIPMENT SHALL BE A
MINIMUM OF NEMA-3R RATED.

WARNING
INVERTER OUTPUT CONNECTION
DO NOT RELOCATE THIS
OVERCURRENT DEVICE



**SOLAR PANEL
INSTALLATION
YASSKY
RESIDENCE**
212 KUYPER DRIVE
UPPER NYACK
NEW YORK 10960

REVISIONS NOTES

DWG. BY: MEM	SCALE: AS-NOTED
CHECKED BY: MEM	PROJECT #: ES-
DATE: JANUARY 9, 2024	SBL #: 60.05-02-36
MUNICIPALITY: VILLAGE OF UPPER NYACK	COUNTY: ROCKLAND

SYSTEM NOTES:

TOTAL SYSTEM SIZE: 15.58KW DC SYSTEM

PANEL TYPE: REC 410W

OF PANELS: 38

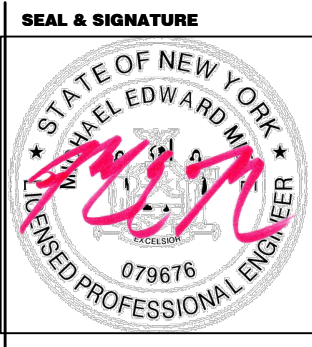
INVERTER TYPE: ENPHASE IQ7X

OF INVERTERS: 38

ARRAY	#1	#2	#3
AZIMUTH:	172	353	83
TILT:	19	19	21
# PANELS	11	24	3

PROFESSIONAL NOTES:

UNAUTHORIZED ALTERATION
OR ADDITION TO THIS PLAN
IS A VIOLATION OF SECTION
7209(2) OF THE NEW YORK
STATE EDUCATION LAW.
COPIES OF THIS MAP NOT
HAVING THE SEAL OF THE
ENGINEER SHALL NOT BE



DWG#
S-5
**SOLAR PANEL
3-LINE
DIAGRAM**
DWG.
5 OF 5