GEORGIA VERMONT
Application for Zoning Permit

Recording Information

⇒ For any change of use on State Highways (Route 7 & 104A) contact VTRANS
⇒ Post **Permit Poster** so it is visible to the road immediately as the Permit is appeal-able within 15 days of issuance.
⇒ Complete a Certificate of Occupancy application upon completion of project.
⇒ Provide a diagram showing the proposed project, well location, septic location and setbacks from the property line.
⇒ Property information & forms are available at townofgeorgia.com or using the Georgia VT Parcel Map.

Application Approval Date 11/27/23
Appeal Period Expires 12/12/23
Zoning District AR-3
Permit Number BP-085-23

A

Parcel Number: 100020000.
Property Address (E911): 56 Heritage Dr Georgia VT USA 05468
Applicant Name: Sunrun
Applicant Address: 131 Red Pine Circle, Suite 2 Essex Junction VT 05452
Applicant Phone [redacted] Applicant Email: [redacted]
Owners Name (if different): Michael Campbell

Property Owner Authorization: *The undersigned property owner hereby certifies that the information submitted in this application regarding the property line is true, accurate, and complete. The Applicant has full authority to request approval for the proposed use of the property and any proposed structure.*

Date: Nov 13, 2023 ***Owner's Signature***: [redacted]

B

Proposed Construction Installation of a rooftop interconnected PV system
Dimensions: (1) L 28' x W ___ x H 12' (2) L ___ x W 28' x H 6' Total ft² 564'

# of floors: N/A # of Bedrooms N/A # of Bathrooms N/A

C

Property Information
Lot Size 0.46 acres Lot road frontage ___
Proposed Setbacks *(in feet)*
Center of Road 78' Right Side 55' Left Side 50' Rear 130'

D

Previous Permits / Subdivision Name / Driveway Permit / DRB Application
___ / ___
___ / ___

E

Septic Information: *Applicants should visit the Agency of Natural Resources Department of Environmental Conservation to determine if a wastewater and Potable Water Supply Permit is required in accordance with 10 V.S.A. Chapter 64.*
Website: https://dec.vermont.gov/water/forms/ww-systems-permits

☑ Changes are not proposed to the building or to the use which will increase the amount of wastewater disposal. (i.e. adding bedroom or change of use)

☐ Wastewater & Potable Supply Permit is required. State Permit #___

F

VT Building Energy Standards Certificate (RBES): *The Vermont Residential Building Energy Standard (RBES) - 30 V.S.A. § 51 affects all new homes built after July 1, 1998. It is the energy code for all residential buildings 3 stories or less above grade in Vermont. RBES Disclosure Statement must be filled out and recorded with the town prior to the issuance of a Certificate of Occupancy. Applicant must certify the following:*

☑ Structure which is subject of this application DOES NOT require an RBES Certificate

☐ Structure which is subject of this application DOES require an RBES Certificate

G

Check box(es) which describe proposed use or construction (circle choice in parenthesis)

N = New A = Addition R = Remodel

Residential:	N	A	R
Single Family	☐	☐	☐
Two-family (Duplex)	☐	☐	☐
Multi-family	☐	☐	☐
Condominium / Townhouse	☐	☐	☐
Manufactured Home	☐	☐	☐
Seasonal Camp	☐	☐	☐
ADU (accessory dwelling unit)	☐	☐	☐
Inclusions or Additions:			
Garage ☐attached ☐detached Addition	☐	☐	☐
Porch ☐enclosed ☐open	☐	☐	☐
Deck / Patio	☐	☐	☐
Pool ☐in ground ☐above	☐	☐	☐
Shed / Play House / Coop	☐	☐	☐
Barn ☐residential ☐agriculture	☐	☐	☐
Greenhouse ☐residential ☐agriculture	☐	☐	☐
Fence (< 5' in height no permit required)	☐	☐	☐
☑ Other: solar			
Non-Residential:			
Commercial / Industrial	☐	☐	☐
Sign	☐	☐	☐

Other:	**check if needed**
Change in Use	☐
Home Occupation	☐
Permit Renewal Appeal	☐
Variance / Waiver	☐

H

Please check the appropriate box for the following:

Additional Property Information	Yes	No
Is there a stream or wetland on property?	☐	☑
Is the property in a Special Flood Hazard Area?	☐	☑
Is the property in an L1 zone on Lake Champlain?	☐	☑
Is the property in the South Village?	☐	☑
Project involve work in town right of way?	☐	☑
Project involve a change in the # of bedrooms?	☐	☑
Project involve demolition / renovation?	☐	☑
Have you attached a drawing of project?	☑	☐
Is this a primary residence?	☑	☐
Is there an HOA (Home Owners Association)?	☐	☑
Property have a E911 sign at end of driveway?	☑	☐
Is there an increase in impervious surface? (includes roof, deck, porch, pavement, patio etc.)	☐	☑

If yes total square feet ___ ft²

Property Owner Acknowledgement: *The undersigned applicant hereby affirms that the information provided in this application is true, accurate, and complete. I understand if this application is approved, I must post the building poster provided on the property in public view and allow a 15 day appeal period before work begins. I understand Vermont law allows 30 days to find this application complete. I understand that my signature on this application constitutes permission for on-site inspection of the property described on this application form under Article 3 of the Georgia Development Regulations.*

Applicant Signature [redacted] **Date** 11/8/2023 **Co-Applicant Signature:** ___ **Date** ___/___/___

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Zoning Administrator Section

Town of Georgia
Application for Zoning Permit
& Building Permit

OFFICIAL USE ONLY — ZONING ADMINISTRATOR ACTION — ***OFFICIAL USE ONLY***

Date Application Received: 11/22/23 **Zoning District:** AR-3

Project Description: rooftop Solar

Additional Action Needed:

Variance / Waiver:		**Meeting date with DRB:** __/__/____
Appeal:		**Meeting date with DRB:** __/__/____
Conditional Use Res:		**Meeting date with DRB:** __/__/____
Conditional Use Com:		**Meeting date with DRB:** __/__/____
Concept / Sketch Plan:		**Meeting date with DRB:** __/__/____
Site Plan:		**Meeting date with DRB:** __/__/____
BLA:		**Meeting date with DRB:** __/__/____
Amend / Renew:		**Meeting date with DRB:** __/__/____

Final Zoning Administrator Action

ZONING PERMIT

☒ **Approved** **Date:** 11/27/23 **Zoning Administrator:** [redacted]

Permit EFFECTIVE date: 12/13/23 **Permit EXPIRATION date:** 11/27/24

CONDITIONS of Approval: _____

- ☐ **RBES Required**
- ☒ **Certificate of Occupancy Required**
- ☐ **VTRANS Permit Required**
- ☐ **Driveway Permit**
- ☐ **ROW Permit**
- ☐ **Class 4 Road Agreement**
- ☐ **Other:** _____
- ☐ **E911 Sign**

☐ **Denied** **Date:** __/__/____ **Zoning Administrator:** _____

Reason for Denial: _____

Fees

Permit Fee:	$ 150
Recording Fee:	$ 60
RBES Record:	$
VTRANS Record:	$
Driveway Permit:	$
ROW Permit:	$
Road Inspection:	$
Cert. of Occupancy:	$ 75
Cert of Occ Record:	$
Impact Town:	$
Impact School:	$
Other:	$
Total Fees Zone:	$ 225
Total Record:	$ 60
Total Highway:	$
Total Impact Town:	$
Total Permit Fees:	$ 285

Notice of Appeal Rights: Any interested person may appeal this decision by filing a written Notice of Appeal with the Zoning Administrator or DRB Clerk within 15 days of the date of this decision. (Title 24 VSA ch. 117 Section 4465)

This permit does not authorize commencement of any development activity approved by the permit until the permit takes effect as set forth above.

Site modifications and improvements made prior to this permit becoming effective may be subject to removal and site restoration if a timely appeal is commenced.

Expiration: This permit expires one year from the date of issue or date listed at top of permit and may be extended one additional year upon application.

Conditions: Conditions imposed by the Zoning Administrator, Planning Commission, DRB, or Selectboard are hereby incorporated into this permit and are binding on the permittee.

Note: The applicant retains the obligation to identify, apply for, and obtain relevant state permits for this project. Call (802) 477-2241 to speak with a regional Permit Specialist.

Current Renewables Engineering

11/3/2023

SUNRUN, ,

Subject: Structural Certification for Installation of Residential Solar
re job: Michael Campbell, 56 Heritage Dr, Milton, VT 05468,

Attn.: To Whom It May Concern

A field observation was performed to document the existing framing of the above mentioned address. From the field observation, the existing roof structure was observed as:

ROOF 1: Metal roofing supported by 2x4 Truss @ 24 in. OC spacing. The roof is sloped at approximately 20 degrees and has a max beam span of 5.1 ft between supports.

ROOF 2: Metal roofing supported by 2x4 Truss @ 24 in. OC spacing. The roof is sloped at approximately 18 degrees and has a max beam span of 5.1 ft between supports.

Design Criteria:

Code:	2015 IBC (ASCE 7-10)		
Ult Wind Speed:	115 mph	Ground Snow:	40 psf
Exposure Cat:	C	Min Roof Snow:	NA psf

After review of the field observation report and based on our structural capacity calculations in accordance with applicable building codes, the existing roof framing supporting the proposed solar panel layout has been determined to be:

ROOF 1: adequate to support the imposed loads. Therefore, no structural upgrades are required.

ROOF 2: adequate to support the imposed loads. Therefore, no structural upgrades are required.

Current Renewables Engineering Inc.
Professional Engineer
projects@creng.solar

11/3/2023

Current Renewables Engineering

11/3/2023

SUNRUN

Attn.: To Whom It May Concern

re job: Michael Campbell
56 Heritage Dr, Milton, VT 05468

The following calculations are for the structural engineering design of the photovoltaic panels and are valid only for the structural info referenced in the stamped plan set. The verification of such info is the responsibility of others.
After review, I certify that the roof structure has sufficient structural capacity for the applied PV loads.

All mounting equipment shall be designed and installed per manufacturer's approved installation specifications.

Design Criteria:

Code:	2015 IBC ASCE 7-10		
Live Load:	20	psf	
Ult Wind Speed:	115	mph	
Exposure Cat:	C		
Ground Snow:	40	psf	Min Roof Snow: NA

STATE OF VERMONT
ALI HAJIHASHEMI
NO. 135214
CIVIL - STRUCTURAL
LICENSED
PROFESSIONAL ENGINEER

11/3/2023

Current Renewables Engineering Inc.
Professional Engineer
projects@creng.solar

Current Renewables Engineering

Load Calculation:

Dead Load Calculations:

Panels Dead Load (psf) =	3.0	
	Roof 1	**Roof 2**
Roofing Weight (psf) =	2.0	2.0
Decking Weight (psf) =	2.0	2.0
Framing Weight (psf) =	0.6	0.6
Misc. Additional Weight (psf) =	1.0	1.0
Existing Dead Load (psf) =	5.6	5.6
Total Dead Load (psf) =	8.6	8.6

Snow Load Calculations:

Ground Snow Load, pg (psf) =	40	
Min Flat Snow, pf_min (psf) =	NA	
Min Sloped Snow, ps_min (psf) =	NA	
Snow Importance Factor, Ic =	1.0	
Exposure Factor, Ce =	0.9	
	Roof 1	**Roof 2**
Thermal Factor, Ct =	1.1	1.1
Flat Roof Snow, pf (psf) =	27.72	27.72
Slope Factore, Cs =	1.00	1.00
Sloped Roof Snow, ps (psf) =	28	28

Wind Load Calculations:

Ultimate Wind Speed (mph) =	115	
Directionality Factor, kd =	0.85	
Topographic Factor, kzt =	1.0	
	Roof 1	**Roof 2**
Velocity Press Exp Factor, kz =	0.85	0.85
Velocity Pressure, qz (psf) =	21.1	24.4
External Pressure Up, GCp_1 =	-0.85	-0.85
External Pressure Up, GCp_2 =	-1.55	-1.55
External Pressure Up, GCp_3 =	-2.45	-2.45
External Pressure Down, GCp =	0.45	0.45
Design Pressure Up, p_1 (psf) =	-16.0	-23.9
Design Pressure Up, p_2 (psf) =	-22.6	-43.5
Design Pressure Up, p_3 (psf) =	-35.7	-68.8
Design Pressure Down, p (psf) =	16.0	16.0

Hardware Checks:

Current Renewables Engineering

Shear DCR =	**0.34**	**0.34**
LC2: D+0.6W		
Applied Moment (lb-ft) =	79	79
Applied Shear (lbs) =	93	93
Allowable Moment (lb-ft) =	616	616
Allowable Shear (lbs) =	756	756
Moment DCR =	**0.13**	**0.13**
Shear DCR =	**0.12**	**0.12**
LC3: D+0.75(S+0.6W)		
Applied Moment (lb-ft) =	159	159
Applied Shear (lbs) =	187	187
Allowable Moment (lb-ft) =	616	616
Allowable Shear (lbs) =	756	756
Moment DCR =	**0.26**	**0.26**
Shear DCR =	**0.25**	**0.25**
LC4: 0.6D+0.6W		
Applied Moment (lb-ft) =	19	40
Applied Shear (lbs) =	23	47
Allowable Moment (lb-ft) =	616	616
Allowable Shear (lbs) =	756	756
Moment DCR =	**0.03**	**0.06**
Shear DCR =	**0.03**	**0.06**

Deflection Checks (Service Level):

	Roof 1	Roof 2
LC1: D+L		
Deflection (in.) =	0.01	0.01
Deflection Limit (in.) =	1.02	1.02
Deflection DCR =	**0.01**	**0.01**
LC2: S		
Deflection (in.) =	0.02	0.02
Deflection Limit (in.) =	0.68	0.68
Deflection DCR =	**0.03**	**0.03**
LC3: W (Down)		
Deflection (in.) =	0.01	0.01
Deflection Limit (in.) =	0.68	0.68
Deflection DCR =	**0.01**	**0.01**
LC4: W (Up)		
Deflection (in.) =	-0.01	-0.01
Deflection Limit (in.) =	0.68	0.68
Deflection DCR =	**0.01**	**0.01**

SHEET INDEX

PAGE #	DESCRIPTION
PV-1.0	COVER SHEET
PV-2.0	SITE PLAN
PV-3.0	LAYOUT
PV-4.0	ELECTRICAL
PV-5.0	SIGNAGE

ABBREVIATIONS

A	AMPERE
AC	ALTERNATING CURRENT
AFC	ARC FAULT CIRCUIT INTERUPTER
AZIM	AZIMUTH
COMP	COMPOSITION
DC	DIRECT CURRENT
(E)	EXISTING
ESS	ENERGY STORAGE SYSTEM
EXT	EXTERIOR
INT	INTERIOR
MSP	MAIN SERVICE PANEL
(N)	NEW
NTS	NOT TO SCALE
OC	ON CENTER
PRE-FAB	PRE-FABRICATED
PSF	POUNDS PER SQUARE FOOT
PV	PHOTOVOLTAIC
RSD	RAPID SHUTDOWN DEVICE
TL	TRANSFORMERLESS
TYP	TYPICAL
V	VOLTS
W	WATTS
LAN	LANDSCAPE
POR	PORTRAIT

LEGEND

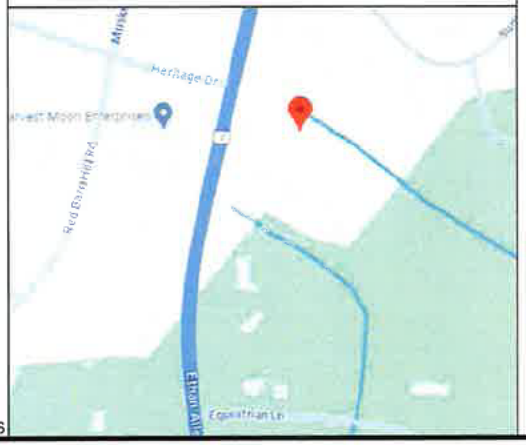
- (SE) SERVICE ENTRANCE
- (MP) MAIN PANEL
- (SP) SUB-PANEL
- (LC) PV LOAD CENTER
- (SM) SUNRUN METER
- (PM) DEDICATED PV METER
- (INV) INVERTER(S)
- (AC) AC DISCONNECT(S)
- (DC) DC DISCONNECT(S)
- (CB) IQ COMBINER BOX
- INTERIOR EQUIPMENT SHOWN AS DASHED
- CHIMNEY
- ATTIC VENT
- FLUSH ATTIC VENT
- PVC PIPE VENT
- T-VENT
- SATELLITE DISH
- FIRE SETBACKS
- HARDSCAPE
- — PL — PROPERTY LINE
- SOLAR MODULES
- RAIL
- STANDOFFS & FOOTINGS

SCALE: NTS

SCOPE OF WORK

- SYSTEM SIZE: 10935W DC, 7600W AC
- MODULES: (27) HANWHA Q-CELLS: Q.PEAK DUO BLK ML-G10+ 405
- INVERTERS: (1) SOLAREDGE TECHNOLOGIES: SE7600H-USSN
- RACKING: S-5! VERSABRACKET VB-47
- MAIN PANEL REPLACEMENT: EXISTING 200 AMP MAIN PANEL WITH 200 AMP MAIN BREAKER TO BE REPLACED WITH NEW 200 AMP MAIN PANEL WITH 200 AMP MAIN BREAKER.

VICINITY MAP



GENERAL NOTES

- ALL WORK SHALL COMPLY WITH IRC, 2015 IBC, IEBC, MUNICIPAL CODE, AND ALL MANUFACTURERS' LISTINGS AND INSTALLATION INSTRUCTIONS.
- PHOTOVOLTAIC SYSTEM WILL COMPLY WITH NEC 2020.
- ELECTRICAL SYSTEM GROUNDING WILL COMPLY WITH NEC 2020.
- PHOTOVOLTAIC SYSTEM IS UNGROUNDED. NO CONDUCTORS ARE SOLIDLY GROUNDED IN THE INVERTER. SYSTEM COMPLIES WITH 690.35.
- MODULES CONFORM TO AND ARE LISTED UNDER UL 61730.
- INVERTER CONFORMS TO AND IS LISTED UNDER UL 1741.
- RACKING CONFORMS TO AND IS LISTED UNDER UL 2703.
- SNAPNRACK RACKING SYSTEMS, IN COMBINATION WITH TYPE I, OR TYPE II MODULES, ARE CLASS A FIRE RATED.
- RAPID SHUTDOWN REQUIREMENTS MET WHEN INVERTERS AND ALL CONDUCTORS ARE WITHIN ARRAY BOUNDARIES PER NEC 690.12(1).
- CONSTRUCTION FOREMAN TO PLACE CONDUIT RUN PER 690.31(D).
- ARRAY DC CONDUCTORS ARE SIZED FOR DERATED CURRENT.
- 11.17 AMPS MODULE SHORT CIRCUIT CURRENT.
- 13.97 AMPS DERATED SHORT CIRCUIT CURRENT [690.8 (A) & 690.8 (B)].
- PV INSTALLATION COMPLIES WITH THE NEC 2020 ARTICLE 690.12(B)(2)(2). CONTROLLED CONDUCTORS LOCATED INSIDE THE ARRAY BOUNDARY ARE LIMITED TO 80 VOLTS WITHIN 30 SECOND OF A RAPID SHUTDOWN INITIATION

REV	NAME	DATE	COMMENTS

sunrun

1334 MARSHALL AVE WILLISTON, VT 05495
PHONE 603 976 1982
FAX 0

CUSTOMER RESIDENCE:
MICHAEL CAMPBELL
56 HERITAGE DR, GEORGIA, VT, 05468

TEL: (518) 654-3681
APN: 237-076-11073

PROJECT NUMBER:
281R-056CAMP

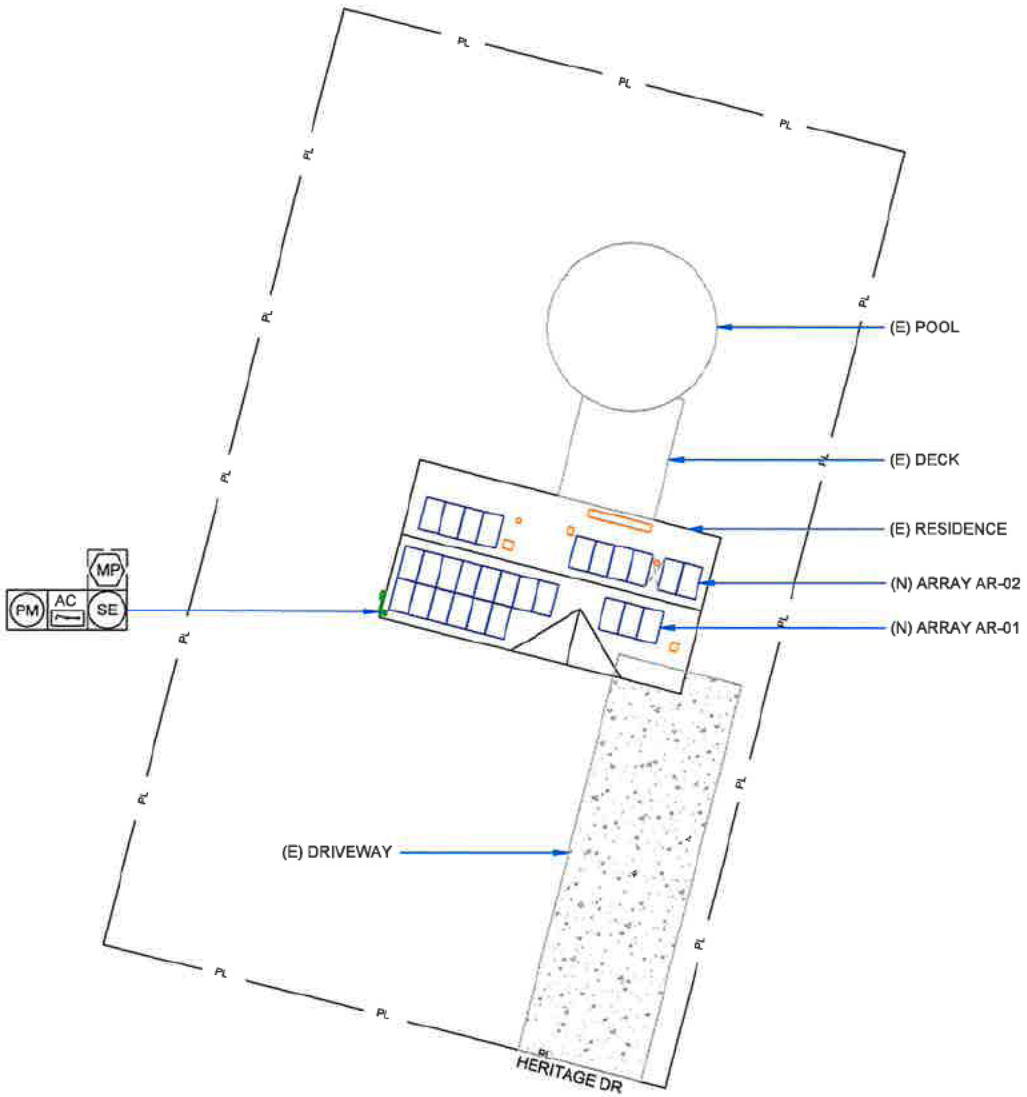
DESIGNER: (415) 580-6920 ex3
JESUS INGARAN

SHEET
COVER SHEET

REV: A 11/3/2023

PAGE PV-1.0

SITE PLAN - SCALE = 3/64" = 1'-0"



	ARRAY PITCH	TRUE AZIM	MAG AZIM	PV AREA (SQFT)
AR-01	20°	194°	208°	359.3
AR-02	18°	14°	28°	211.4

sunrun

1354 MARSHALL AVE WILLISTON, VT 05495
PHONE 603 870 1862
FAX 0

CUSTOMER RESIDENCE:
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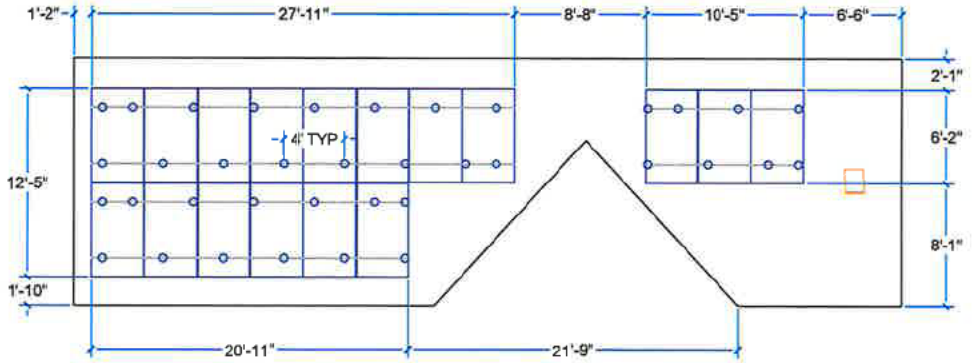
SHEET
SITE PLAN

REV: A 11/3/2023

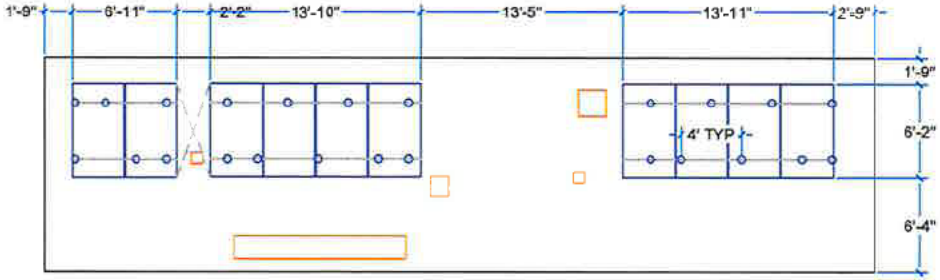
PAGE PV-2.0

ROOF INFO			FRAMING INFO			ATTACHMENT INFORMATION					
Name	Type	Height	Type	Max Span	OC Spacing	Detail	Max Landscape OC Spacing	Max Landscape Overhang	Max Portrait OC Spacing	Max Portrait Overhang	Configuration
AR-01	CORRUGATED METAL, TRAPEZOIDAL [VB47] - UR	1-Story	2X4 PRE-FABRICATED TRUSSES	5' - 2"	24"	S-5! VERSABRACKET VB-47	6' - 0"	2' - 1"	4' - 0"	1' - 8"	STAGGERED
AR-02	CORRUGATED METAL, TRAPEZOIDAL [VB47] - UR	1-Story	2X4 PRE-FABRICATED TRUSSES	5' - 2"	24"	S-5! VERSABRACKET VB-47	6' - 0"	2' - 1"	4' - 0"	1' - 7"	STAGGERED

D1 - AR-01 - SCALE: 1/8" = 1'-0"
AZIM: 194°
PITCH: 20°



D2 - AR-02 - SCALE: 1/8" = 1'-0"
AZIM: 14°
PITCH: 18°



DESIGN CRITERIA

MAX DISTRIBUTED LOAD: 3 PSF
SNOW LOAD: 40 PSF
WIND SPEED:
115 MPH 3-SEC GUST.
S.S. LAG SCREW
5/16"x4.5": 2.5" MIN. EMBEDMENT

STRUCTURAL NOTES:
INSTALLERS SHALL NOTIFY ENGINEER OF ANY POTENTIAL STRUCTURAL ISSUES OBSERVED PRIOR TO PROCEEDING W/ INSTALLATION.

- IF ARRAY (EXCLUDING SKIRT) IS WITHIN 12" BOUNDARY REGION OF ANY ROOF PLANE EDGES (EXCEPT VALLEYS), THEN ATTACHMENTS NEED TO BE ADDED AND OVERHANG REDUCED WITHIN THE 12" BOUNDARY REGION ONLY AS FOLLOWS:
  - ALLOWABLE ATTACHMENT SPACING INDICATED ON PLANS TO BE REDUCED BY 50%.
  - ALLOWABLE OVERHANG INDICATED ON PLANS TO BE 1/5TH OF ALLOWABLE ATTACHMENT SPACING INDICATED ON PLANS.

STATE OF VERMONT — REGISTERED PROFESSIONAL ENGINEER — LICENSE NO. 13321 — CIVIL - STRUCTURAL
11/3/2023

sunrun
1354 MARSHALL AVE, WILLISTON, VT 05495
PHONE 503.970.1662
FAX 0

CUSTOMER RESIDENCE:
MICHAEL CAMPBELL
56 HERITAGE DR, GEORGIA, VT, 05468

TEL. (518) 854-3681
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JESUS INGARAN

SHEET
LAYOUT

REV: A 11/3/2023

PAGE PV-3.0

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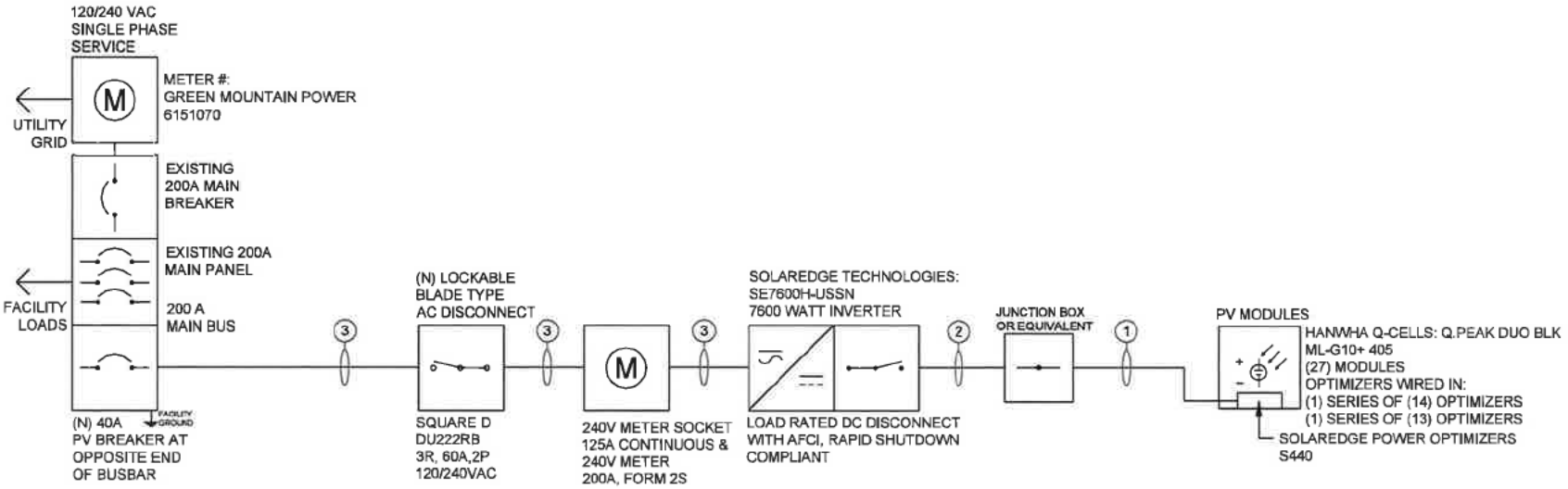


CONDUIT SCHEDULE

#	CONDUIT	CONDUCTOR	NEUTRAL	GROUND
1	NONE	(4) 10 AWG PV WIRE	NONE	(1) 10 AWG BARE COPPER
2	1" PVC OR EQUIV.	(4) 10 AWG THHN/THWN-2	NONE	(1) 10 AWG THHN/THWN-2
3	1" PVC OR EQUIV.	(2) 8 AWG THHN/THWN-2	(1) 10 AWG THHN/THWN-2	(1) 8 AWG THHN/THWN-2

MODULE CHARACTERISTICS

HANWHA Q-CELLS: Q.PEAK DUO BLK

ML-G10+ 405:	405 W
OPEN CIRCUIT VOLTAGE:	45.34 V
MAX POWER VOLTAGE:	37.39 V
SHORT CIRCUIT CURRENT:	11.17 A

S440 OPTIMIZER CHARACTERISTICS:

MIN INPUT VOLTAGE:	8 VDC
MAX INPUT VOLTAGE:	60 VDC
MAX INPUT ISC:	14.5 ADC
MAX OUTPUT CURRENT:	15 ADC

SYSTEM CHARACTERISTICS - INVERTER 1

SYSTEM SIZE:	10935 W
SYSTEM OPEN CIRCUIT VOLTAGE:	10 V
MAX ALLOWABLE DC VOLTAGE:	480 V
SYSTEM SHORT CIRCUIT CURRENT:	45 A

sunrun

1354 MARSHALL AVE, WILLISTON, VT 05495
PHONE 603.370.1952
FAX 0

CUSTOMER RESIDENCE:
MICHAEL CAMPBELL
56 HERITAGE DR, GEORGIA, VT, 05468

TEL. (518) 854-3681
APN: 237-076-11073

PROJECT NUMBER:
261R-056CAMP

DESIGNER: (415) 580-6920 ex3
JESUS INGARAN

SHEET
ELECTRICAL

REV: A 11/3/2023

PAGE PV-4.0

⚠WARNING

ELECTRICAL SHOCK HAZARD

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

LABEL LOCATION:
INVERTER(S), AC/DC DISCONNECT(S), AC COMBINER PANEL (IF APPLICABLE).
PER CODE(S): NEC 2020: 690.13(B), CEC 2022: 690.13(B)

⚠WARNING

DUAL POWER SUPPLY

SOURCES: UTILITY GRID AND PV SOLAR ELECTRIC SYSTEM

LABEL LOCATION:
UTILITY SERVICE METER AND MAIN SERVICE PANEL.
PER CODE(S): NEC 2020: 705.12(C), CEC 2022: 705.12(C)

⚠WARNING

POWER SOURCE OUTPUT CONNECTION

DO NOT RELOCATE THIS OVERCURRENT DEVICE

LABEL LOCATION:
ADJACENT TO PV BREAKER AND ESS OCPD (IF APPLICABLE).
PER CODE(S): NEC 2020: 705.12(B)(3)(2), CEC 2022: 705.12(B)(3)(2)

PV SYSTEM DISCONNECT

MAXIMUM AC OPERATING CURRENT: 32.00 AMPS

NOMINAL OPERATING AC VOLTAGE: 240 VAC

LABEL LOCATION:
AC DISCONNECT(S), PHOTOVOLTAIC SYSTEM POINT OF INTERCONNECTION.
PER CODE(S): NEC 2020: 690.54, CEC 2022: 690.54

INVERTER 1

PHOTOVOLTAIC DC DISCONNECT

MAXIMUM SYSTEM VOLTAGE: 480 VDC

LABEL LOCATION:
INVERTER(S), DC DISCONNECT(S).
PER CODE(S): NEC 2020: 690.53, CEC 2022: 690.53

WARNING: PHOTOVOLTAIC POWER SOURCE

LABEL LOCATION:
INTERIOR AND EXTERIOR DC CONDUIT EVERY 10 FT, AT EACH TURN, ABOVE AND BELOW PENETRATIONS, ON EVERY JB/PULL BOX CONTAINING DC CIRCUITS.
PER CODE(S): NEC 2020: 690.31(D)(2), CEC 2022: 690.31(D)(2)

RAPID SHUTDOWN SWITCH FOR SOLAR PV SYSTEM

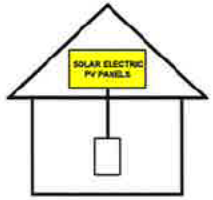
LABEL LOCATION:
INSTALLED WITHIN 3' OF RAPID SHUT DOWN SWITCH PER CODE(S): NEC 2020: 690.56(C)(2), CEC 2022: 690.56(C)(2), IFC 2018: 1204.5.3

4"

3"

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.

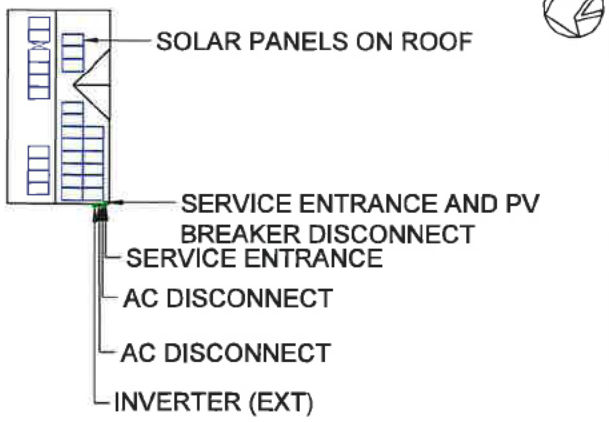


LABEL LOCATION:
ON OR NO MORE THAT 1 M (3 FT) FROM THE SERVICE DISCONNECTING MEANS TO WHICH THE PV SYSTEMS ARE CONNECTED.
PER CODE(S): NEC 2020: 690.56(C), CEC 2022: 690.56(C)

NOTES AND SPECIFICATIONS:
- SIGNS AND LABELS SHALL MEET THE REQUIREMENTS OF THE NEC 2020 ARTICLE 110.21(B), UNLESS SPECIFIC INSTRUCTIONS ARE REQUIRED BY SECTION 690, OR IF REQUESTED BY THE LOCAL AHJ.
- SIGNS AND LABELS SHALL ADEQUATELY WARN OF HAZARDS USING EFFECTIVE WORDS, COLORS AND SYMBOLS.
- LABELS SHALL BE PERMANENTLY AFFIXED TO THE EQUIPMENT OR WIRING METHOD AND SHALL NOT BE HAND WRITTEN.
- LABEL SHALL BE OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED.
- SIGNS AND LABELS SHALL COMPLY WITH ANSI Z535.4-2011, PRODUCT SAFETY SIGNS AND LABELS, UNLESS OTHERWISE SPECIFIED.
- DO NOT COVER EXISTING MANUFACTURER LABELS.

CAUTION:

MULTIPLE SOURCES OF POWER



56 HERITAGE DR, GEORGIA, VT, 05468

PER CODE(S): NEC 2020 : 705.10, 710.10, CEC 2022: 705.10, 710.10

sunrun

1354 MARSHALL AVE WILLISTON, VT 05495
PHONE 603 970.1962
FAX 0

CUSTOMER RESIDENCE:
MICHAEL CAMPBELL
56 HERITAGE DR, GEORGIA, VT, 05468

TEL. (516) 854-3681
APN: 237-076-11073

PROJECT NUMBER:
281R-056CAMP

DESIGNER: (415) 580-6920 ex3
JESUS INGARAN

SHEET
SIGNAGE

REV: A 11/3/2023

PAGE
PV-5.0

GEORGIA VERMONT

Date: 11-27-23

Applicant: Sun Run
56 Heritage Dr.

Zoning District: AR-3
Parcel Tax ID #: 100020600
Permit # BP-85-23
Project Description: rooftop Solar

Dear Applicant,

Your Town of Georgia Zoning Permit Application has been approved.
This permit will take effect on 12-13-23 or until final adjudication of any appeals.
An appeal may be filed until 12-12-23.

This Zoning Permit will expire one year from the date of issue unless extended. An extension of the Zoning Permit may be extended by the Zoning Administrator when substantial construction or due diligence is evidenced, provided a written request for extension is submitted prior to the expiration of the permit. Zoning Permits for accessory structures will not be extended beyond the original one-year permit period.

The Zoning Administrator shall be allowed reasonable access to private or public property for the purpose of inspecting and investigating conditions relating to any Zoning Permit or application for a Zoning Permit. An application for a Zoning Permit may be denied if reasonable access is not provided.

Finishing your project does not mark the end of the Permitting Process. The town must review all municipal permits for compliance in order for the property to be sold at any point in the future. The town uses a Certificate of Occupancy issued by the Zoning Administrator before use or occupancy of the land or structure which requires the Zoning Permit. An application for a Certificate of Occupancy form may be obtained from the Town of Georgia website or at the Town Hall and submitted with any supporting documentation. Fees for the Occupancy Permit and recording were submitted at the time of the Zoning Application. Further documentation required for issuance of the Occupancy Permit are listed below:

____ Vermont Residential Building Energy Standards Certificate (RBES)
____ State of Vermont Wastewater and Potable Water Supply Permit.
____ Septic system certification letter issued by your licensed septic designer.
____ US Department of Housing HUD 309 form for manufactured home.

If you have any questions, or I may be of further assistance to you, please do not hesitate to contact me.

[redacted]
Zoning Administrator
DRB, Planning and E911 Coordinator
Floodplain Manager
zoning@townofgeorgia.com