GREENLANCER™ Project Name:

Site Survey in 1 2 3

①Project Info → ②Structural Info → ③Electrical Info

PROJECT INFORMATION

ASTERISK COLOR CODE KEY

* = Required Field * = Account Preference

HOMEOWNER INFORMATION

First Name:* Lelane

Last Name:* Barone

Address:* 31 Scudders Rd

City, State, Zip:* Sparta NJ, 07871

Project's Assessor's Parcel #:

CONTRACTOR INFORMATION

Company Name:* Vantage Home Solar LLC

Phone:* 781-401-0982

Address (Street, City, State, Zip):* 3600 rt 66 unit 150

Neptune NJ, 07753

License Numbers:* 13VH09715800

PROJECT MANAGER

First Name:* Ed

Last Name:* Sweeney

Phone:* 781-401-0982

Application Type:*

Please select the appropriate racking application types.

◯ Tilt-Up ◉ Flush-Mount ◯ Integrated Racking

◯ Flat Roof (Use 2b on pages 8 and 9 instead)

◯ Ground Mount (Use 2c on pages 10 and 11 instead)

Do you require a Bill of Materials in your plan set?*

◉ Yes ◯ No

Do you require Equipment Elevation drawing on your plans?*

◉ Yes ◯ No

AHJ INFORMATION

AHJ Name:* Sparta

Utility Name:* JCP&L

Special AHJ/Utility Requirements (If Known)

Snow & Wind Loads (If Known)

Snow Load:

Wind Load:

Project (Site) Photos Checklist:

*Photos will be used to understand site conditions and project site and are **essential to generate an accurate permit package.***

◉ Utility Meter Location (Zoomed out View)*

◉ Main Service Panel Location*

◉ Close-up of Main Service Panel Label*

◉ Close-up of Main Breaker

◉ Close-up of Main Breaker Label

◯ Sub-Panel Main Breaker (If used)

◯ Sub-Panel Location (If used)

◯ Subpanel Location (If used)

◯ Close-up of Sub-Panel Breaker Label

◯ Proposed Inverter Location (Zoomed out View)

◉ Array Location(s) (if possible)

◉ Entire Roof with Obstructions (If possible)

◯ Ground Mount Location (If applicable)

◉ Rafter/Truss Size and Spacing (Show tape mesure in photo if possible)

◉ Attic Space - Show existing roof rafter/truss for each roof structure (Show tape measure if possible)*

Barone

Roof 1

Site Survey in 1 2 3

Project Info → ② Pitched Roof Structural Info → Electrical Info

ARRAY 1 - PITCHED ROOF APPLICATIONS

PITCHED ROOF & STRUCTURAL INFO

Roof Material:*

Please select the appropriate roof material from the options below.

- [x] (Asphalt) shingles
- [ ] Corrugated Metal
- [ ] Flat Tile
- [ ] Wave Tile
- [ ] Wood Shake
- [ ] Standing Seam Metal
- [ ] Clay S-Tile
- [ ] Rubber Membrane
- [ ] Other:_____

Layers of Roof Material

(x) One ( ) Two

Structure Type:*

Please select the appropriate Structure Type from the options below.

- [ ] Truss (Wood)
- [ ] Metal Beam Supported
- [ ] Interior bearing wall (Wood)
- [ ] Purlins
- [ ] Knee Wall
- [ ] Knee Wall + Collar Tie
- [x] Collar Tie (Wood)
- [ ] Single Span Rafter (Wood)
- [ ] Wood Supported Strut
- [ ] Steel Frame

Rafter Size:*

( ) 2x4 ( ) 2x6 (x) 2x8 ( ) 2x10 ( ) Other: _____

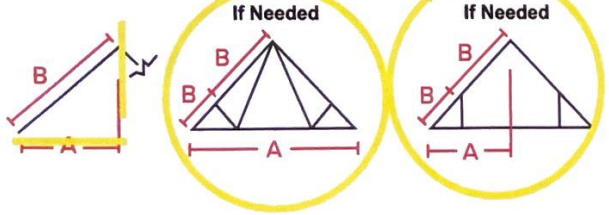
Rafter Spacing:*

Please select the typical distance between each rafter (in inches):

( ) 12" ( ) 14" (x) 16" ( ) 24" ( ) 48" ( ) Other:_____

Roof Structure Measurements:*

A: 167 171



RACKING INFO

Attachment Type:*

(•) Flashed L-Foot ( ) Tile Hook ( ) Standoff
( ) Integrated intoRacking ( ) Standing Seam Clamp
( ) Corrubracket ( ) Other:_____

Racking Manufacturer:*

Iron Ridge

Racking Model:*

XR10

Attachment Manufacturer:*

Iron Ridge

Attachment Model:*

FF2-01-B2

Maximum Rail Span:*

Please select the default maximum distance between mounting points accross the rail layout used for this project.

( ) 16" ( ) 24" ( ) 32" (•) 48" ( ) 72" ( ) 96" ( ) Other:_____

Pitch (Degrees):*

27

Azimuth(s):*

196

Roof 2

ARRAY 2 - PITCHED ROOF APPLICATIONS (Only if roof structure is different)

PITCHED ROOF & STRUCTURAL INFO

Roof Material:*

Please select the appropriate roof material from the options below.

- [x] (Asphalt) shingles
- [ ] Corrugated Metal
- [ ] Flat Tile
- [ ] Wave Tile
- [ ] Wood Shake
- [ ] Standing Seam Metal
- [ ] Clay S-Tile
- [ ] Rubber Membrane
- [ ] Other:_____

Layers of Roof Material

(x) One ( ) Two

Structure Type:*

Please select the appropriate Structure Type from the options below.

- [ ] Truss (Wood)
- [ ] Metal Beam Supported
- [ ] Interior bearing wall (Wood)
- [ ] Purlins
- [ ] Knee Wall
- [ ] Knee Wall + Collar Tie
- [x] Collar Tie (Wood)
- [ ] Single Span Rafter (Wood)
- [ ] Wood Supported Strut
- [ ] Steel Frame

Rafter Size:*

( ) 2x4 ( ) 2x6 (x) 2x8 ( ) 2x10 ( ) Other: _____

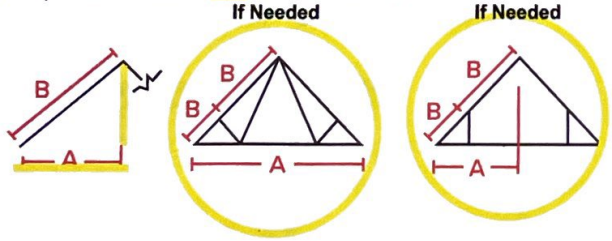
Rafter Spacing:*

Please select the typical distance between each rafter (in inches):

( ) 12" ( ) 14" (x) 16" ( ) 24" ( ) 48" ( ) Other:_____

Roof Structure Measurements:*

A: 175 207



RACKING INFO

Attachment Type:*

(•) Flashed L-Foot ( ) Tile Hook ( ) Standoff
( ) Integrated intoRacking ( ) Standing Seam Clamp
( ) Corrubracket ( ) Other:_____

Racking Manufacturer:*

same

Maximum Rail Span:*

Please select the default maximum distance between mounting points accross the rail layout used for this project.

( ) 16" ( ) 24" ( ) 32" (•) 48" ( ) 72" ( ) 96" ( ) Other:_____

Pitch (Degrees):*

27

Azimuth(s):*

94

Roof 3

Site Survey in 1 2 3

1 Project Info → 2 Pitched Roof Structural Info → 3 Electrical Info

ARRAY 1 - PITCHED ROOF APPLICATIONS

PITCHED ROOF & STRUCTURAL INFO

Roof Material:*

Please select the appropriate roof material from the options below.

- [x] (Asphalt) shingles
- [ ] Corrugated Metal
- [ ] Flat Tile
- [ ] Wave Tile
- [ ] Wood Shake
- [ ] Standing Seam Metal
- [ ] Clay S-Tile
- [ ] Rubber Membrane
- [ ] Other:_____

Layers of Roof Material

(x) One ( ) Two

Structure Type:*

Please select the appropriate Structure Type from the options below.

- [ ] Truss (Wood)
- [ ] Metal Beam Supported
- [ ] Interior bearing wall (Wood)
- [ ] Purlins
- [ ] Knee Wall
- [ ] Knee Wall + Collar Tie
- [x] Collar Tie (Wood)
- [ ] Single Span Rafter (Wood)
- [ ] Wood Supported Strut
- [ ] Steel Frame

Rafter Size:*

( ) 2x4 ( ) 2x6 (x) 2x8 ( ) 2x10 ( ) Other: _____

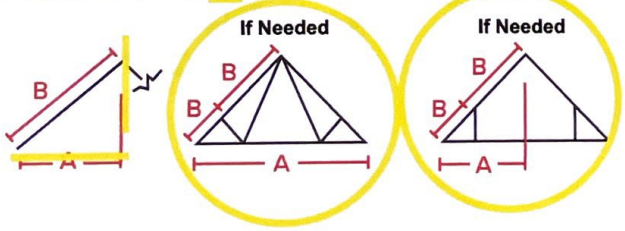
Rafter Spacing:*

Please select the typical distance between each rafter (in inches):

( ) 12" ( ) 14" (x) 16" ( ) 24" ( ) 48" ( ) Other:_____

Roof Structure Measurements:*

A: 143 161



RACKING INFO

Attachment Type:*

(•) Flashed L-Foot ( ) Tile Hook ( ) Standoff
( ) Integrated intoRacking ( ) Standing Seam Clamp
( ) Corrubracket ( ) Other:_____

Racking Manufacturer:*

Iron Ridge

Racking Model:*

XR10

Attachment Manufacturer:*

Iron Ridge

Attachment Model:*

FF2-01-B2

Maximum Rail Span:*

Please select the default maximum distance between mounting points accross the rail layout used for this project.

( ) 16" ( ) 24" ( ) 32" (•) 48" ( ) 72" ( ) 96" ( ) Other:_____

Pitch (Degrees):*

27

Azimuth(s):*

94

Site Survey in 1 2 3

① Project Info → ② Structural Info → ③ **Electrical Info**

ELECTRICAL INFORMATION

NEW EQUIPMENT INFORMATION

Module Manufacturer & Model Number:*

Module Manufacturer: Jinko

Model Number: Eagle 375 watt BOB

Quantity: 34

String/Micro Manufacturer & Model Number:*

Inverter Manufacturer: Enphase

Model Number: IQ7PLUS-72-2-US

Quantity: 34

Optimizer Manufacturer & Model Number (If Applicable):

Optimizer Manufacturer:

Model Number:

Quantity:

Inverter DC Disconnect Options (If Applicable):*

(X) Utilize Integrated DC Disconnect

( ) Utilize Standalone DC Disconnect (Rooftop or Ground Array)

Standalone DC Disconnect Location (If Used):

1. ( ) Exterior ( ) Interior
2. ( ) House ( ) Garage ( ) Barn ( ) Pole Mounted
   ( ) Rooftop ( ) At Ground Array
   ( ) Other:_____
3. ( ) North ( ) South ( ) East ( ) West
   ( ) NE ( ) NW ( ) SE ( ) SW

Inverter Location:*

Please select intended location of inverter and electrical equipment.

1. ( ) Exterior ( ) Interior
2. ( ) House ( ) Garage ( ) Barn ( ) Pole Mounted
   ( ) Other: Microinverter
3. ( ) North ( ) South ( ) East ( ) West
   ( ) NE ( ) NW ( ) SE ( ) SW

Wire Transition Enclosure:*

Please select the appropriate wire transition enclosure between modules and inverter.

( ) Junction Box ( ) Soladeck ( ) Combiner Box ( ) None

Combining AC Circuits:*

Select how to combine the inverter(s) AC outputs. Multiple inverters or micros only.

(•) Soladeck (Rooftop) (•) (N) AC Panel Board

( ) Existing Subpanel

Service AC Disconnect:*

Typically the utility requires a lockable utility disconnect for the AC output in case of an emergency or service.

(•) Yes ( ) No

Utility Disconnect Location:*

Please describe the Utility Disconnect location.

1. ( ) Exterior ( ) Interior
2. ( ) House ( ) Garage ( ) Barn ( ) Pole Mounted
   ( ) Next to Utility Meter ( ) Other:_____
3. ( ) North ( ) South ( ) East ( ) West
   ( ) NE ( ) NW ( ) SE ( ) SW

PV Revenue Meter:*

Is there a PV Revenue Meter? The production meter measures and tracks the production for the solar array.

(•) Yes ( ) No (Net Meter)

ELECTRICAL INFORMATION (Continued)

Location of PV Meter:*

Select the location of the PV meter in reference to the AC disconnect.

- (•) Between inverter and disconnect
- ( ) Between disconnect and point of interconnection (MEP, Tap, Etc.)

EXISTING EQUIPMENT INFORMATION

Meter Main Combo?*

( ) Yes (•) No

Main Electrical Panel Rating:*

Write the Bus and main circuit breaker rating.

Bus Rating (amps): 200

Main Breaker Rating (amps): 200

Are there spaces available in the panel? NO

Main Breaker Location:*

(X) Top-fed ( ) Center-fed ( ) Bottom-fed

Main Electrical Panel Location:*

Please select where the Main Electrical Panel is located.

1. ( ) Exterior (X) Interior
2. ( ) House ( ) Garage ( ) Barn ( ) Pole Mounted ( ) Other:_____
3. ( ) North ( ) South (X) East ( ) West ( ) NE ( ) NW ( ) SE ( ) SW

(N)ew Main Breaker Derating or Panel Upgrade:

Write the new ratings that the main breaker will be derated to.

Bus Rating (amps):

Main Breaker Rating (amps):

Interconnection Strategy:*

Please select the appropriate interconnection strategy from the choices below: Panel upgrades or choose "Backfeed Breaker".

( ) Backfeed Breaker ( ) Derate Main Breaker

(X) Line Side Tap ( ) Load Side Tap

Interconnection Location*

Please select the electrical location the tap will occur.

- [X] Existing Main Electrical Panel (MEP)
- [ ] Existing Meter
- [ ] New Sub-Panel
- [ ] Renewable Meter Adapter (RMA) at Meter
- [ ] New Tap Box
- [ ] Automatic Transfer Switch (ATS)
- [ ] Existing Sub-Panel
- [ ] New Main Electrical Panel Upgrade

(E)xisting Meter Location:*

1. (X) Exterior ( ) Interior
2. ( ) MEP Location ( ) Pole Mounted ( ) Other:_____
3. ( ) North ( ) South ( ) East (X) West ( ) NE ( ) NW ( ) SE ( ) SW

*Location of the Pole in relation to the house:

**For pole mounted utility meters and main electrical panels.*

Cardinal Direction:

Distance:

Utility Entrance:*

(X) Overhead ( ) Under Ground

Existing Electrical Grounding:*

Current or Original Bond of existing electrical system? Please select from the options below.

( ) Ground Rod ( ) Ufer ( ) Cold Water Pipe

Project Notes & Special Requirements:

Needs new roof

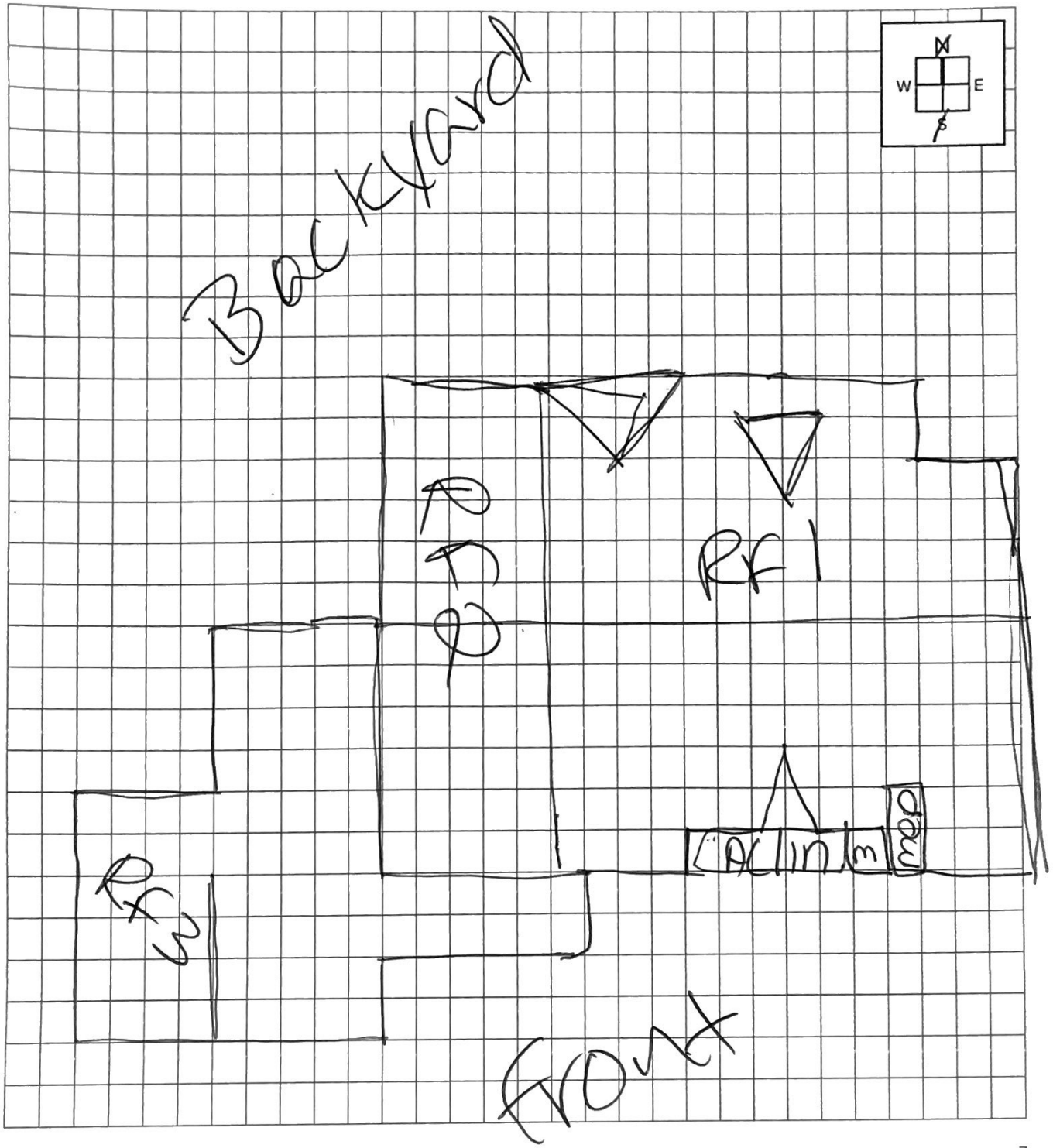
ELECTRICAL INFORMATION (Continued)

Array	1	2	3	4	5	6
Module Quantity	12	16	6			
Azimuth °						
Pitch or Tilt	27	27	27			
Shading (Optional)						
Mounting Plane # (From Sketch)	1	2	3	4		
Rafting Span(s) in Feet (list as necessary)						

Inverter Mftr. & Model #	MPPT	# of Strings	Modules/ String	# of Strings	Modules/ String	# of Strings	Modules/ String	# of Strings	Modules/ String	# of Strings	Modules/ String	# of Strings	Modules/ String
IQ7PLUS-72-2-US	1	1	12										
	2												
IQ7PLUS-72-2-US	1			2	15								
	2												
IQ7PLUS-72-2-US	1			3	1	3	6						
	2												
	1												
	2												

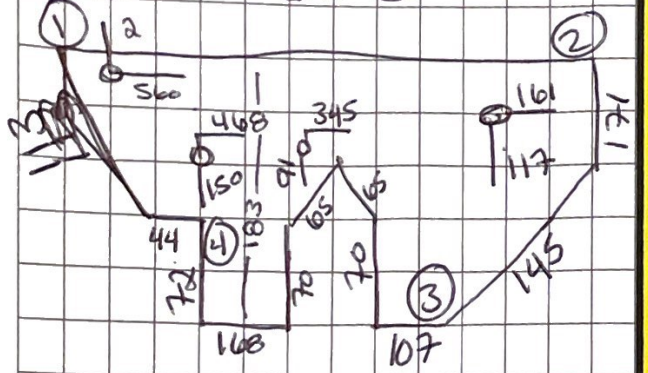
Please list plan for stringing modules under each array. Indicate if arrays are to be combined on a given string.
****Important NOTE:** If the next selection below (String Design) is "Designer's Discretion" then the inverter table above does NOT need to be filled out.*

Site sketch



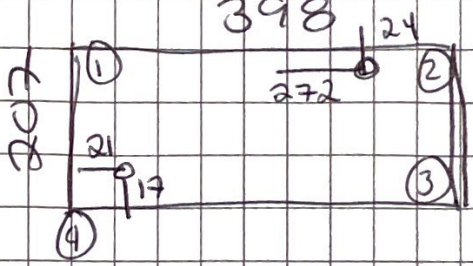
Roof Sketch

Rf 1 Rigdo 608



Roof Sketch

Rf 2 Rigdo 398



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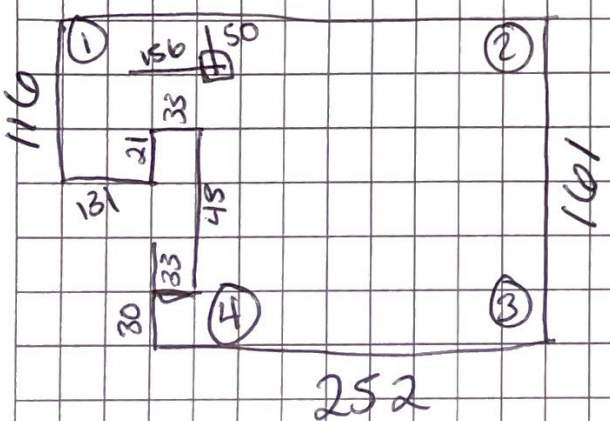
Roof Sketch

Rf 3 Rigdo 388



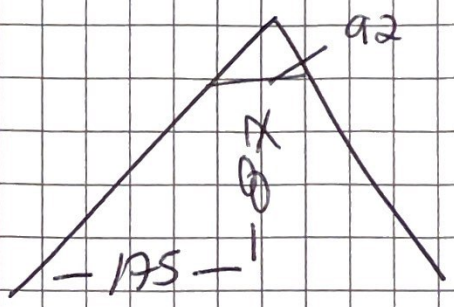
Roof Sketch

Attic sketch

RF1

Attic sketch

RF2



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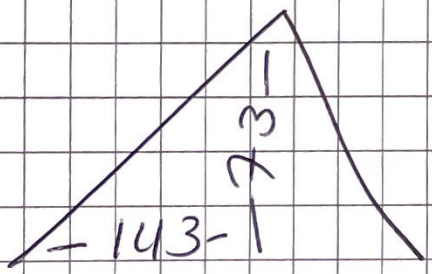
Attic sketch

RF 3



Attic sketch

SYSTEM SIZE **12.75 kW**	ESTIMATED YEARLY PRODUCTION **15,702 kWh** Show Details
MODULES **Eagle 375 (BOB) (x34)**	INVERTER **Enphase IQ7PLUS-72-2-US (x34**