Job Address

City | State | Zip Code

Tax Folio Number

Contractor's Name | Contractor License Number

Contractor's License Type ☐ State Certified Solar Contractor ☐ State Licensed Electrical Contractor

The Licensed Solar Installer shall comply with the requirements of the Authority Having Jurisdiction and use properly licensed subcontractors for work in conjunction with the PV installation that exceeds the scope of their license.

Is the PV Array to be mounted on defined, permitted roof structure? ◯ Yes ◯ No

Does the PV Array comply with any requirements of the Authority Having Jurisdiction for fire ratings? ◯ Yes ◯ No

Roofing Assembly Information

Roof Slope (in/ft) | Roof Mean Height (ft)

Roof Type | Roof Deck 1

Wood Structural Member Type ☐ Trusses ☐ Rafters ☐ Joists

Wood Structural Member Size

Are the supporting wood structural members spaced a maximum of 2 feet on center? ◯ Yes ◯ No

Provide method of weatherproofing roof penetrations ☐ Proprietary Flashing ☐ NRCA Detail

Alternate Flashing Detail

Roof Top Location of the PV Array

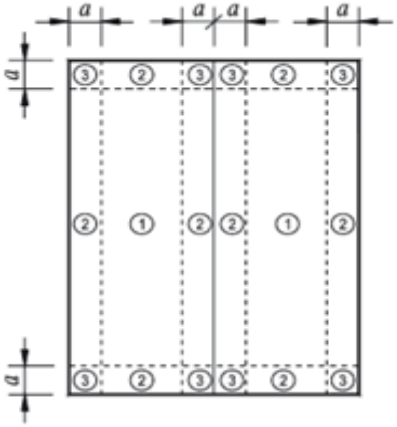
Is the PV Array installed in Zone P(1) Field of the roof only? ◯ Yes ◯ No

Perimeter Width a' [ ]

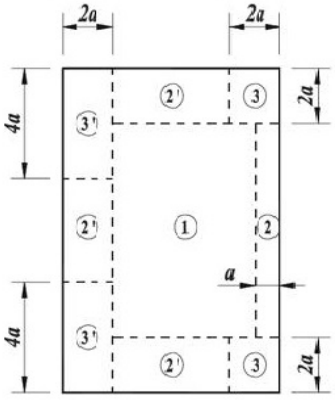
For simple roof shapes Width a' is the lessor of the 2 values below or a minimum of 3'
.1 x w (Width of least horizontal dimension) or .4 x h (Roof Mean Height)

Select Roof Shape

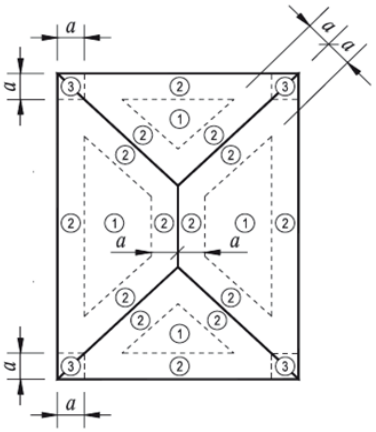
☐ Gable Roof



☐ Mono Slope



☐ Hip Roof



[1]

Prescriptive uplift pressures are listed in RAS-127 Test Protocols for High Velocity Hurricane Zones.

Note: This prescriptive application for PV installations is limited to structures that can be approved using exposure category C per ASCE-7. Structures located in Exposure Category D cannot be permitted using this system.

PV Array Information

The PV system, components & electrical design are required to have a Florida Solar Energy Center (FSEC) System Certification.

The PV system shall be designed and installed per the requirements of the 2011 version of the NEC Article 690.

Does the the PV array meet the roof uplift pressures for installation in the Field (Zone P 1) of Roof? ◯ Yes ◯ No

PV Module Pressure Rating (psf) [ ]

Pressure Ratings are listed in the PV Manufacturer's Data Sheet

Is the PV Array Installed Parallel to the Roof Surface? ◯ Yes ◯ No

PV Module Orientation ☐ Portrait ☐ Landscape

PV Array Height Above Finished Roof [10]

PV Racking and Module Specifications

PV Rack System Manufacturer | Rack Model #

PV Rack Roof Top Attachment Component | 4

Roof Mount Fastener Type | Select Fastener Type

Minimum 2.5" embedment into the supporting member additionally a pilot hole is required

Provide # of Fasteners Per Mount

Provide Support Mount Height

Mount Spacing Field (Zone P 1) (in/oc)

Roof Mount spacing perpendicular to roof slope

Mount Spacing Field (Zone P 1) (in/oc)

Roof Mount spacing parallel to roof slope

Number of PV Module Support Rails in Field (Zone P 1) of Roof | Select # of Rails in Field P(1)

Support Rail Span Length | Support Rail Size

Support Rail Material Type

Section modulus of Rail

a . PV Module Size {l x w} (ft) | b. Module Area (ft^2) | c. Total Installed Modules

d. Total Area of Installed Modules {b x c} (ft^2) | e. Module Weight (lbs)

f . Module & Rack System Weight (lbs.)

g. Distributed Weight of the PV Array on Roof {f ÷ d} (lbs/ft^2)

The distributed weight of the complete PV Array shall be less than 5 lbs/ft^2

h. Total Number of Attachment Points (Roof Mounts)

i. Point Load per Attachment Point {f ÷ h} (lbs)

Load per attachment point shall be less than 45 lbs

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