



# City of North Miami Beach, Florida

BUILDING DEPARTMENT

## SOLAR SYSTEMS ROOF PERMIT FORM

Master Permit No. \_\_\_\_\_ Process No. \_\_\_\_\_

Job Address: \_\_\_\_\_  
\_\_\_\_\_

All roofing repairs shall be performed using approved repair methods and compatible materials.

IS THIS PRODUCT CERTIFIED BY THE FLORIDA SOLAR ENERGY CENTER? (FSEC)

YES  NO

Provide FSEC System Certification Approval Form

New Roof (requires separate roof permit)  Re-roof (requires separate roof permit)

Existing Roof

Roof Slope: \_\_\_\_\_ /12" Roof Mean Height: \_\_\_\_\_ ft

Roof perimeter width per ASCE-7: \_\_\_\_\_ ft

**Provide roof uplift pressures per the High Velocity Hurricane Zone Test Protocols:**

RAS-127 (steep slope roofs) -- or --  RAS-128 (low slope roofs)

-- or -- Provide site specific wind uplift calculations per ASCE 7 by a Design Professional

Zone P (1) Field: \_\_\_\_\_ psf

Zone P (2) Field: \_\_\_\_\_ psf

Zone P (3) Field: \_\_\_\_\_ psf



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### Select the Roof Zone the Photovoltaic I Thermal Solar Modules are installed in:

Zone P (1) Field: \_\_\_\_\_ psf

Zone P (2) Field: \_\_\_\_\_ psf

**NOTE: PHOTOVOLTAIC/THERMAL SOLAR MODULES SHALL NOT BE INSTALLED IN ZONE (P3) CORNERS OF ANY ROOF OR ROOF SECTION**

### Photovoltaic Laminate Modules (PVL) Adhered directly to roof systems

1. PVL module Product Control Approval Number:

PVL module manufacturer:

PVL module model number:

2. Product Control Approval Number: \_\_\_\_\_ for the roof assembly listing the photovoltaic laminate module.

3. Maximum design pressure from the PVL module Product Control Approval : \_\_\_\_\_psf

4.  Provide a Class °A" Fire Directory listing that includes the PVL module as a tested component in the roofing assembly.

5. Roof Deck Type: \_\_\_\_\_

### Photovoltaic Laminate (PVL) Modules Adhered to Low Sloped Roof Systems

#### Select Low Slope Roof Assembly Type:

Modified Bitumen

Mineral Surfaced Fiberglass Cap Sheet

Single Ply Membrane

Single Membrane Type: \_\_\_\_\_

### Photovoltaic Laminate (PVL) Modules Adhered to Sloped Metal Roof Panels

Structural Metal Roof Panels  Architectural Metal Roof Panels



**Rack or Direct Mount Photovoltaic / Thermal Solar Modules**

*Note: Provide details and attachment requirements for rack or direct roof mounted photovoltaic / thermal solar modules by a design Professional*

**Select Type of Rack or Direct Mount Photovoltaic / Thermal Solar Modules**

- Rack mounted photovoltaic module
- Direct roof mounted photovoltaic module
- Rack mounted thermal solar water heater    Direct roof mounted thermal solar water heater
- Rack mounted thermal solar water heater w/ photovoltaic (PV) powered pump
- Direct roof mounted thermal solar water heater w/ photovoltaic (PV) powered pump
- Solar Swimming Pool Water Heater

**Select Roof System Rack or Direct Mount Flat-plate Photovoltaic Modules are mounted on:**

- Low Slope
- Metal Panel/Shingles
- Mechanically Fastened Tile    Mortar / Adhesive Set Tile
- Asphaltic Shingles    Wood Shingles/Shakes
- Other Roof System:

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Deck Type:

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