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Engineering Evaluation Report

Report No.: 514456C

Manufacturer: Solar Innovations, Inc.
31 Roberts Road
Pine Grove, PA 17963

Product Line: Series SI5100 Aluminum Fixed Window, Non-Impact

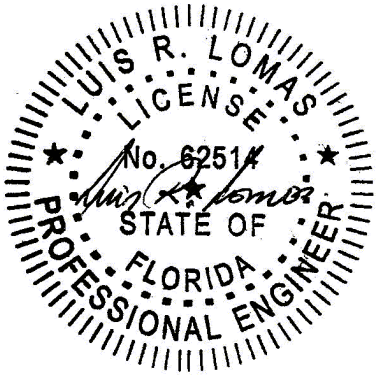
Compliance:
The product listed herein complies with requirements of the current Florida Building Code.

Supporting Technical Documentation:
1. Approval document: drawing number 08-03447, Revision C, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: NCTL 110-15389-2 signed and sealed by Robert H Zeiders P.E.
   National Certified Testing Laboratories, York, PA
   AAMA/WDMA/CSA 101/I.S.2/A440
   Design pressure: ±65.16psf
   Water penetration resistance 20.0psf
3. Anchor calculations, report number 514456-1B, prepared, signed and sealed by Luis Roberto Lomas P.E.
4. Comparative analysis, report number 514456-2, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:
- Maximum design pressure: Refer to approval document.
- Panel size: Refer to approval document.
- Units must be glazed per ASTM E1300 with safety glazing.
- This product is not rated to be used in the HVHZ.
- This product is not impact resistant and requires impact protection in wind borne debris regions.
- Frame material to be Aluminum 6063-T5.

Installation:
Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-03447, Revision C.
When the product specified herein is installed within 3000 ft. of saltwater coastline, all anchors and clips must comply with saltwater environment corrosion resistance requirements of FBC Chapter 17.

Certification of Independence:
Please note that I do not have nor will acquire a financial interest in any company manufacturing or distributing the product(s) for which this report is being issued. Also, I do not have nor will acquire a financial interest in any other entity involved in the approval process of the listed product(s).



Luis R. Lomas, P.E.
FL No.: 62514
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