

L. Roberto Lomas P.E.

208 7th Ave

Indialantic, FL 32903

434-688-0609

rlomas@lrlomaspe.com

Engineering Evaluation Report

Report No.: 512674C

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

Product Line: Series SI3000 Lite Rail In/Out Aluminum FGW Non-Impact

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-01964 Revision C, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: NCTL-110-15327-2 signed and sealed by Robert H Zeiders P.E.
National Certified Testing Laboratories, York, PA
ASTM E330
Design pressure: ± 50.0 psf
Water penetration resistance 12.0psf
3. Test report No.: NCTL 110-15505-1 signed and sealed by Robert H Zeiders P.E.
National Certified Testing Laboratories, York, PA
TAS 202
Uniform Static Air Pressure, ± 80.0 psf design pressure, 9.0psf water penetration.
4. Anchor calculations, report number 512674-1C, prepared, signed and sealed by Luis Roberto Lomas P.E.
5. Comparative analysis, report number 512674-2A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: ± 50.0 psf
- Approved configurations: Unlimited number of panels in unlimited configurations are approved as long as individual panel area does not exceed 33.32 ft² and uses vertical conditions as shown in 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 Extruded Aluminum 6063-T6

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-01964 Revision C.

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).

