L. Roberto Lomas P.E.

400 S Palm Ave Indialantic, FL 32903 434-688-0609 rllomas@lrlomaspe.com

# **Engineering Evaluation Report**

Report No.: 512502C

## Manufacturer: US Aluminum 950 Solon Rd. Waxahachie, TX 75165

Product Line: 451 Center Glaze Aluminum Store Front.

## Compliance:

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

## Supporting Technical Documentation:

- 1. Approval document: drawing number 08-01816 Revision B, prepared, signed and sealed by Luis Roberto Lomas P.E.
- Test report No.:ATI-79241.01-801-47 signed by Andy Cost Architectural Testing Inc., South Lake, TX ASTM E330 Design pressure ±30.0psf Water penetration: 8.0psf
- Test report No.: ATLNC 0724.01-06 signed and sealed by David Johnson P.E. American Test Lab, Inc., Brevard, NC AAMA 501 and TAS 202 Uniform Static Air Pressure, ±65.00psf design pressure, 15.0 water penetration
- 4. Anchor calculations and comparative anaylsis, report number 512502-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

## Limitations and Conditions of use:

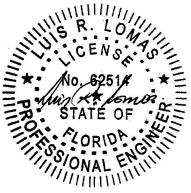
- Design pressure: ±30.0psf (Refer to installation instructions for smaller sizes rating)
- Panel size: 62" x 96"
- Units must be glazed per ASTM E1300.
- This product is not rated to be used in the HVHZ.
- This product is not impact resistant and requires impact protection in wind borne debris regions.
- Frame material to be extruded Aluminum 6063-T5.

### Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-01816 Revision B.

### Certification of Independence:

Please note that I don't 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 don't 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 03/25/2023