L. Roberto Lomas P.E.

Engineering Evaluation Report

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Report No.: 514183

Manufacturer: All Seasons Commercial

1293 North Harvey Mitchell Parkway

Bryan, TX 77803

Product Line: Series 2000 Fixed Frame Aluminum Fixed Window 48" x 84" - Impact

Compliance:

The above mentioned product has been evaluated for compliance with the requirements of the Florida Department of Business and Professional Regulation for Statewide Acceptance per Rule 61G20-3.005 method 1(a). The product listed herein complies with requirements of the current Florida Building Code.

Supporting Technical Documentation:

- 1. Approval document: drawing number 08-03229, prepared, signed and sealed by Luis Roberto Lomas P.E.
- 2. Test report No.: NCTL-110-15901-1 signed and sealed by Robert H. Zeiders P.E.

National Certified Testing Laboratories, York PA.

AAMA/WDMA/CSA 101/I.S.2/A440-08/05 Design pressure: ±100.0psf Water penetration resistance 15.0psf

3. Test report No.: CCLI 17-105 signed by Wesley Wilson.

Construction Consulting Laboratory, Carrollton, TX

ASTM E1886-05 and ASTM E1996-05

ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4 ASTM E1886/ E1996 Cyclic Load Test, ±80.0psf design pressure

4. Anchor calculations, report number 514183-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

Maximum design pressure: ±80.0psf
Unit size: ±80.4 48" x 84"

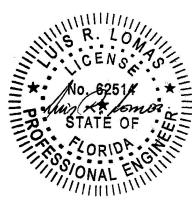
- Units must be glazed per ASTM E1300-04/09, according to glazing details in approval drawing.
- This product is not rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame material to be Aluminum 6063-T5

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03229.

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 03/22/2018