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## Engineering Evaluation Report

**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:  $\pm 100.0$ psf  
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,  $\pm 80.0$ psf 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:  $\pm 80.0$ psf
- Unit size: 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).

