L. Roberto Lomas P.E.

Engineering Evaluation Report

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

Report No.: 513890B

Manufacturer: US Aluminum

950 Solon Rd.

Waxahachie, TX 75165

Product Line: Storm Wall XL SSG Hurricane Resistant Curtain Wall – Wet Glazed – LMI - HVHZ

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

Supporting Technical Documentation:

- 1. Approval document: drawing number 08-03023 Revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
- 2. Test report No.: A8744.04-801-18 signed and sealed by Tyler Westerling P.E.

Architectural Testing Inc, Southlake, TX

Single Span Wall; AAMA 501 and ASTM E1886 and ASTM E1996

Design pressure: ±70.0psf
Water penetration resistance 20.0psf
Large Missile Impact, Level D, Wind Zone 4

3. Test report No.: CCLI-11-238 signed by Jeffrey Crump.

Construction Consulting Laboratory International, Carrolton, TX Twin Span Wall; AAMA 501 and ASTM E1886 and ASTM E1996

Design pressure: ±90.0psf Water penetration resistance 20.0psf Large Missile Impact, Level D, Wind Zone 4

4. Test report No.: A8744.01-801-18 signed and sealed by Shawn G. Collins P.E.

Architectural Testing Inc, Southlake, TX

Single Span Wall; TAS 201, TAS 202 and TAS 203

Design pressure: ±70.0psf Water penetration resistance 20.0psf Large Missile Impact, Level D, Wind Zone 4

5. Test report No.: CCLI-11-230 signed and sealed by Abdol Rezadad P.E.

Construction Consulting Laboratory International, Carrolton, TX

Twin Span Wall; TAS 201, TAS 202 and TAS 203

Design pressure: ±90.0psf Water penetration resistance 20.0psf Large Missile Impact, Level D, Wind Zone 4

- 6. Comparative analysis, report number 513890-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.
- 7. Anchor calculations, report number 513890-2A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

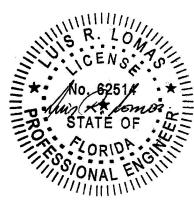
- Design pressure: Refer to approval drawing
- Units must be glazed per ASTM E1300, according with glazing details in approval drawing.
- This product is rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame material to be extruded aluminum 6063-T6

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03023 Revision A.

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 04/10/2023