

W. W. Schaefer Engineering & Consulting, P.A. (CA #6809)
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 Palm Beach Gardens, FL 33418
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ENGINEER'S EVALUATION REPORT #WWS-215

Prepared for:
 Kawneer Company, Inc.
 555 Gullidge Court
 Norcross, GA 30092-3503
 Phone: (770) 449-5555

Prepared by:
 Warren W. Schaefer, P.E.
 Florida Professional Engineer #44135

Manufacturer: Kawneer Company, Inc.

Product Category: Doors

Evaluation Method: 1-D (Engineer's evaluation)

Product model & name: IR350/500 HW Wind Zone 3 LMI Out-swing Doors

Documents that must accompany this report:

- 1. W. W. Schaefer Engineering & Consulting drawing No. 1822

Door size restrictions and assembly requirements:

See drawing No. 1822

Maximum allowable design pressure:

See drawing No. 1822

Installation requirements:

See drawing No. 1822

Code compliance:

Code section(s) considered with this evaluation:
 FBC Chapter 17

Test Standards applicable to the testing of these doors:

ASTM E330, ASTM E1886, ASTM E1996 & AAMA 1304

Test Laboratory: Architectural Testing, Inc. (ATI)

Test report numbers: B3880.01-550-18 & B3877.01-550-18

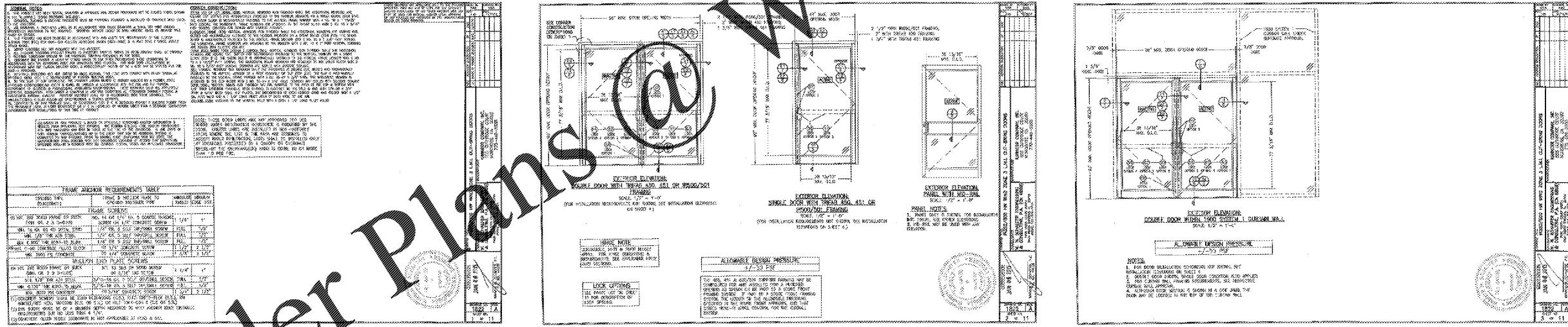
General report notes & system limitations:

- All size & installation conditions shown in this report and the referenced drawing No. 1822 are based off the referenced test reports and/or engineering analysis in accordance with the Florida Building Code.
- Doors shall be constructed in accordance with the descriptions in this report, and the manufacturer's state approved quality assurance entity specifications.
- This product is approved for use for non-HVHZ (Not approved for use in HVHZ)
- Job required design wind pressure shall be calculated in accordance with the Florida Building Code Chapter 16 and ASCE 7 Minimum Design Loads for Buildings and Other Structures (0.85 circumferential factor may apply per the current ASCE 7 standard).
- These doors are both small & large missile impact rated for use in wind zone 3 & missile level "D" locations and need not be shuttered.
- Glazing gaskets were tested in accordance with ASTM C864 per FBC section 2411.3.4.
- This door system is not approved for use where water infiltration resistance is required by the door. Unless units are installed in non-habitable areas where the unit and the area are designed to accept water infiltration, units shall be installed only at locations protected by a canopy or overhang where-by the overhang (OH) ratio is equal to or more than 1.0 per FBC.

Quality Assurance Entity: (ATI) Architectural Testing, Inc., York, PA

JAN 08 2008

Warren W. Schaefer, P.E.
 Florida P.E. #44135



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**Pasco County
 Fire & Rescue Station
 No. 17
 New Port Richey, Florida**

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FGA PROJECT NUMBER
 19039

ISSUE DATE
 05-25-20

SHEET NUMBER
 PA-2

PRODUCT APPROVAL - EXTERIOR STOREFRONT DOORS

