

Product Approval
 USER: Public User

Author Approval: Yes Product Approval: Yes
 List # Application Detail

FL #	FL14287-R6
Application Type	Revision
Code Version	2017
Application Status	Approved

Comments
 Archived

Product Manufacturer
 Kawneer Company
 555 Guthrie Court
 Marietta, GA 30092
 (770) 849-6426
 tanya.doby@kawneer.com

Authorized Signature
 Tanya Doby
 tanya.doby@kawneer.com

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 555 Guthrie Court
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Quality Assurance Representative
 Address/Phone/Email
 Mr. Scott Near
 500 East 12th Street
 Bloomington, PA 17815
 (717) 784-8000
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Category
 Subcategory
 Compliance Method
 Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer
 Evaluation Report - Mandatory Received

Florida Engineer or Architect Name who developed the Evaluation Report
 Florida License
 Quality Assurance Entity
 Quality Assurance Contract Expiration Date
 Validated By

Mr. Warren W. Schaefer
 PE-44135
 Architectural Testing, Inc., an Intertek Company
 12/31/2020
 Terrence E. Lunn, PE
 Validation Checklist - Mandatory Received

Certificate of Independence
 Referenced Standard and Year (of Standard)
 Equivalence of Product Standards Certified By
 Sections from the Code
 Product Approval Method
 Date Submitted
 Date Validated
 Date Pending FBC Approval
 Date Approved

FL14287-R6, 1.0, Section 1.01, Section 1.01.01

Standard	Year
AAMA 501	2005
ASTM E1886	2005
ASTM E1996	2009
ASTM E330	2002
ASTM E331	2000

Florida Licensed Professional Engineer or Architect
 Tanya Doby
 FL14287-R6, 1.0, Section 1.01, Section 1.01.01

Method 1 Option D

12/13/2017
 12/13/2017
 12/14/2017
 02/13/2018

Method 1 Option D

12/13/2017
 12/13/2017
 12/14/2017
 02/13/2018

Approved for use in
 Approved for use outside
 Impact Resistant: Yes
 Design Pressure: N/A
 Other: Door size, pressure, and installation requirements are to be as specified in the attached drawing No. 1725. 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. This door system is rated as a wind zone 3 missile level "D" product. All glass meets the requirements of the current ASTM E1300 standard.

Installation Instructions
 13.14287_R6_1.0_Design
 13.14287
 Verified By: Mr. Warren W. Schaefer, P.E. #44135
 Created by Independent Third Party: Yes
 Evaluation Reports
 13.14287_R6_1.0_Evaluation
 13.14287
 Created by Independent Third Party: Yes

14287.1
 Title: 451/451T Storefront
 Title: 451/451T Storefront
 Title: 451/451T Storefront
 Title: Large Missile Impact, Zone 3, Level D

Contact Us: 2601 Blakely Blvd., Tallahassee, FL 32309 Phone: 904-937-1424

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W. W. Schaefer Engineering & Consulting, P.A. (CA #6809)
 7688 150th Court North
 Palm Beach Gardens, FL 33418
 Phone: (561) 594-5424

ENGINEER'S EVALUATION REPORT #14287.1-2

Drawn for:
 Kawneer Company, Inc.
 555 Guthrie Court
 Marietta, GA 30092
 Phone: (770) 849-6555

Prepared by:
 Terrence E. Lunn, P.E.
 Florida Professional Engineer #44135

Manufacturer:
 Kawneer Company, Inc.
 Product Category: Windows/Doors
 Evaluation Method: 1-D (Engineer's evaluation)

Product model & name:
 Title: 451/451T Large Missile Impact Storefront System

Document that need accompany this report:
 1. W. W. Schaefer Engineering & Consulting Drawing No. 1725
 Standard size restrictions and assembly requirements: See drawing NO. 1725

Maximum allowable design pressure:
 Varies with building conditions. See drawing No. 1725 for design pressure requirements.

Installation requirements:
 See drawing No. 1725

Code compliance:
 Glass section(s) constructed with 100% lamination.
 FBC Chapter 17

Test Standards applicable to the testing of this component:
 ASTM E2368, E2369, E2371, E2384 & E2396
 AAMA 501
 Note: Testing meets the requirements of AAMA-501

Test Laboratory:
 Hurricane Test Laboratory, L.L.C.
 Test report number: C649-0019-110 & 120813 01-650-14

General report notes & exclusion limitations:
 1. All size & installation conditions shown in this report and the referenced drawing No. 1725 are based off the information and reports in our engineering analysis in accordance with the Florida Building Code.
 2. Submittal notes shall be constructed in accordance with the drawings in this report, and the manufacturer's size and pressure and installation requirements shall be as specified in the attached drawing No. 1725.
 3. This product is not approved for use in the High Velocity Hurricane Zone (HVHZ).
 4. All 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 (16.3 ductility factor only apply).
 5. This window system is large missile impact rated for use in wind zone 3 & 4 missile level "D" location and need not be laminated.
 6. Where exterior noise of glass is not required, this window system may not be laminated in wall mounts impact locations of any building over 10 ft. above grade) unless all building openings at the elevation elevation and below are large missile impact resistant.
 7. When exterior pane of the glass is not required, use of this window system is not applicable unless the vertical edge of the insulating glass is greater than 2 1/4" from any applicable design panel edge and one of the following applies: 1) All windows have a minimum 1/4" separation between the edge of the window and the face of the panel. 2) Return edge of the insulating glass is 1" or greater above the face of the panel. 3) Dry gaskets were used in accordance with FBC.
 8. The building thermal loads meet the requirements of FBC.

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

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



PANDA EXPRESS, INC.
 1683 Walnut Grove Ave.
 Rosemead, California
 91770
 Telephone: 626.799.9898
 Facsimile: 626.372.8288

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REVISIONS:

NO.	DESCRIPTION	DATE
1	ISSUE FOR BUILDING PERMIT	08-16-18
2	ISSUE FOR BID	11-29-18

ISSUE DATE:
 1st ISSUE FOR BUILDING PERMIT 08-16-18
 2nd ISSUE FOR BID 11-29-18

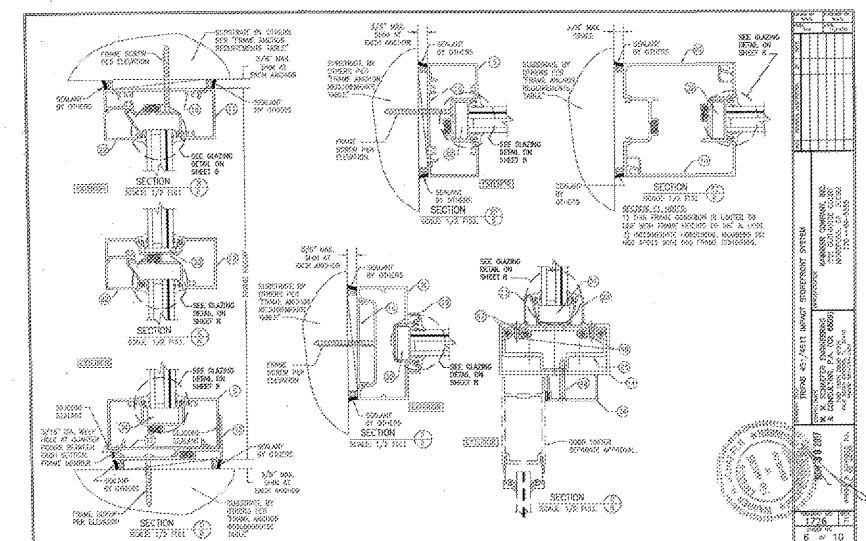
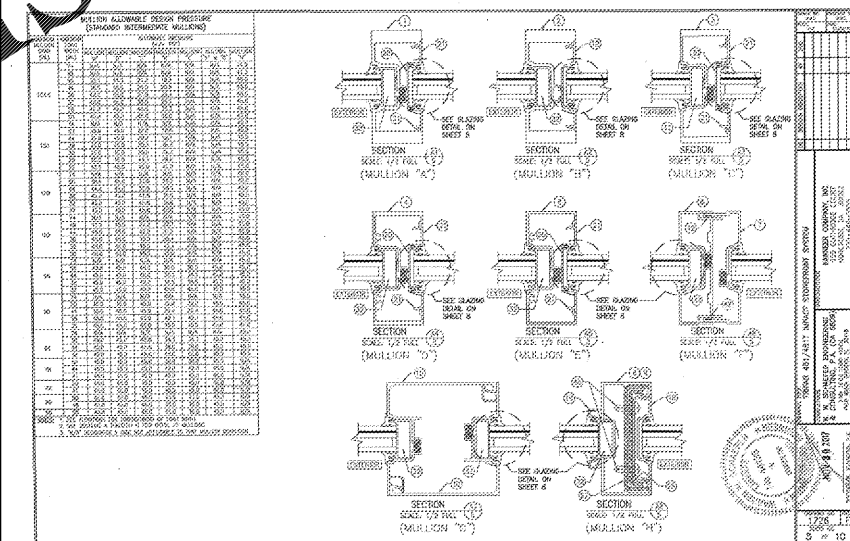
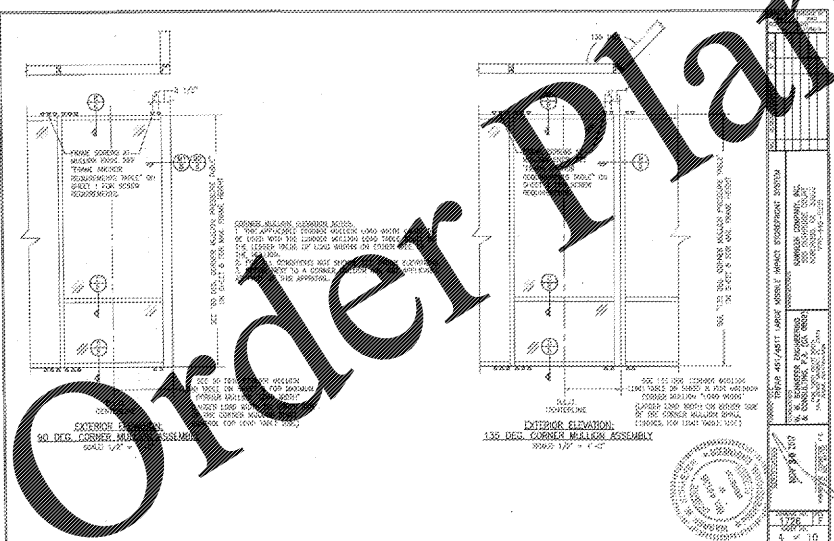
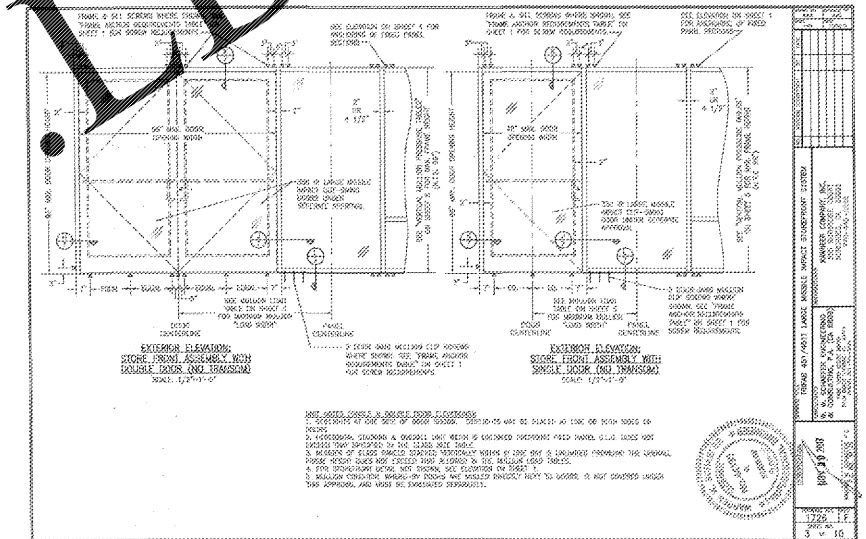
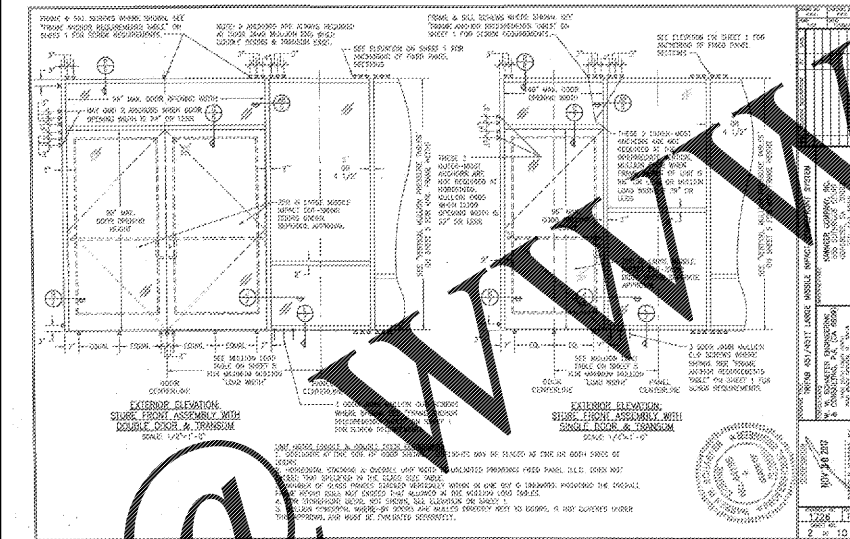
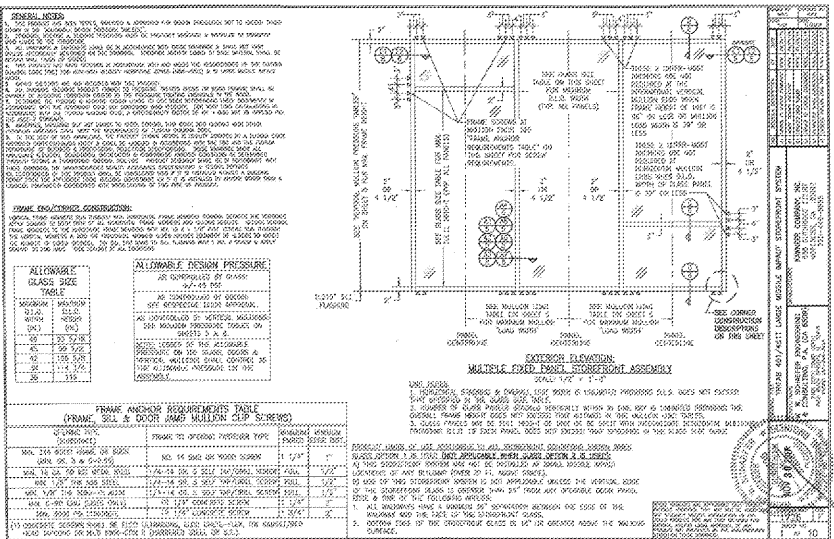
DRAWN BY: RR
 PANDA PROJECT # S8-19-D6558
 ARCH PROJECT # 1804

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PANDA EXPRESS
 US 98 and PORTSIDE DRIVE
 3868 GULF BREEZE PARKWAY
 GULF BREEZE, FL
 2200 TRUE - R1 - DAB 12

NOA-1.0
 NOA DOCUMENTATION
 KAWNEER 451 STOREFRONT SYSTEM



Order Plans @

WWW

WWW