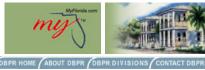
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Product Approval Menu > Manage Applications > Application Detail

| ▶ OFFICE OF THE |  |
|-----------------|--|
|                 |  |
| SECRETARY       |  |

| FL #               | FL14095-R11 |
|--------------------|-------------|
| Application Type   | Affirmation |
| Code Version       | 2020        |
| Application Status | Approved    |
|                    |             |
| Comments           |             |

| Product Manufacturer | JELD-WEN |
|----------------------|----------|

Address/Phone/Email 3737 Lakeport Blvd Klamath Falls, OR 97601 (800) 535-3936 fbc1@jeld-wen.com

Authorized Signature Rylee Sumner Fricks fbc1@jeld-wen.com

Technical Representative JELD-WEN Corporate Customer Service Address/Phone/Email 3737 Lakeport Blvd. Klamath Falls, OR 97601

(800) 535-3936 customerserviceagents@jeld-wen.com

Quality Assurance Representative

Category Windows Subcategory Single Hung

Compliance Method Certification Mark or Listing

Certification Agency National Accreditation & Management Institute Validated By National Accreditation & Management Institute

Referenced Standard and Year (of Standard) **Standard Year** TAS 201 1994 TAS 202 1994 **TAS 203** 1994

Equivalence of Product Standards Certified By

> $\ensuremath{\mathbb{Z}}$  I affirm that there are no changes in the new Florida Building Code which affect my product(s) and my product(s) are in compliance with the new Florida Building Code.

Documentation from approved Evaluation or Validation Entity  $\bigcirc$  Yes  $\bigcirc$  No  $\bigcirc$  N/A

Method 1 Option A Product Approval Method

Date Submitted 07/29/2020 Date Validated 07/29/2020

Date Pending FBC Approval

07/31/2020 Date Approved

#### Summary of Products

| FL #  | Model, Number or Name   | Description  |
|---|---|--|
| 14095.1   | Premium Atlantic Vinyl  | Single Hung (8100) 36" x 72" Insulated Glass (5/16 in PVB or SGP Lam - 1/8 out Annealed )  |
| meet the current edition<br>Dade NOA for DuPont Se<br>White PVC exterior extrus<br>FBC in accordance with M                           | ide HVHZ: Yes   | Certification Agency Certificate FL14095 R11 C CAC NI011567.04-R3.pdf Quality Assurance Contract Expiration Date 04/30/2025 Installation Instructions FL14095 R11 II FL14095 R5 II DP65- 70 36x72 Impact Installation Instructions.pdf FL14095 R11 II NI011567.04-R3 Dwgs 07252017.pdf Verified By: Hermes Norero, PE 73778 Created by Independent Third Party: Yes Evaluation Reports FL14095 R11 AE PER3094.pdf Created by Independent Third Party: Yes                      |
| 14095.2   | Premium Atlantic Vinyl  | Single Hung (8100) 36" x 72" Insulated Glass (1/8 in - 1/8 out Annealed)   |
| of the FBC in accordance  | 7-70 or extrusion meet the current edition with Miami-Dade NOA for Quanex. IG D5. Safety glazing required to the  | Certification Agency Certificate FL14095 R11 C CAC NI011567.08-R1.pdf FL14095 R11 C CAC NI011567.09-R2.pdf Quality Assurance Contract Expiration Date 04/30/2025 Installation Instructions FL14095 R11 II NI011567.09-R2 Dwgs 07252017.pdf FL14095 R11 II PAV TSH FBC 36x72 SS 2017-06-26.pdf Verified By: Hermes Norero, PE 73778 Created by Independent Third Party: Yes Evaluation Reports FL14095 R11 AE PER4869 SS 2017-06-26.pdf Created by Independent Third Party: Yes |
| 14095.3   | Premium Atlantic Vinyl  | Single Hung (8100) 52 1/8" x 75" Insulated Glass (3/16 in - 3/16 out Annealed)   |
| of the FBC in accordance back bedded with Dow 99  | 7-70 or extrusion meet the current edition with Miami-Dade NOA for Quanex. IG 95. Windows with insulated glass wider blocks. Safety glazing required to the   | Certification Agency Certificate FL14095 R11 C CAC NI011567.06-R1.pdf FL14095 R11 C CAC NI011567.07-R2.pdf Quality Assurance Contract Expiration Date 04/30/2025 Installation Instructions FL14095 R11 II NI011567.07-R2 Dwgs 07252017.pdf FL14095 R11 II PAV TSH FBC 52x75 SS 2017-06-26.pdf Verified By: Hermes Norero, PE 73778 Created by Independent Third Party: Yes Evaluation Reports FL14095 R11 AE PER4870 SS 2017-06-26.pdf Created by Independent Third Party: Yes |
| 14095.4   | Premium Atlantic Vinyl  | Single Hung (8100) 52 1/8" x 75" Insulated Glass (5/16 in PVB or SGP Lam - 1/8 out Annealed)   |
| meet the current edition<br>Dade NOA for DuPont Se<br>White PVC exterior extrus<br>FBC in accordance with N<br>bedded with Dow 995. W | ide HVHZ: Yes  7-60  Ig interlayer material requirements of the FBC in accordance with MiamintryGlas and DuPont PVB interlayers. Sion meet the current edition of the liami-Dade NOA for Quanex. IG back indows with insulated glass wider than S. Safety glazing required to the | Certification Agency Certificate  FL14095 R11 C CAC NI011567.02-R2.pdf  Quality Assurance Contract Expiration Date 04/30/2025  Installation Instructions  FL14095 R11 II FL14095 R5 II DP50- 60 52.125x75 Impact Installation Instructions.pdf FL14095 R11 II NI011567.02-R2 Dwgs 07252017.pdf  Verified By: Hermes Norero, PE 73778  Created by Independent Third Party: Yes  Evaluation Reports FL14095 R11 AE PER3091.pdf  Created by Independent Third Party: Yes          |
| 14095.5   | Premium Atlantic Vinyl  | Single Hung (8100) 52 1/8" x 75" Insulated Glass (5/16 in SGP Lam - 3/16 out Annealed)   |
| Limits of Use   | 1   | Certification Agency Certificate   |

Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes

Design Pressure: +65/-75

Other: Laminated glazing interlayer material requirements meet the current edition of the FBC in accordance with Miami-Dade NOA for DuPont SentryGlas and DuPont PVB interlayers. White PVC exterior extrusion meet the current edition of the FBC in accordance with Miami-Dade NOA for Quanex. IG back bedded with Dow 995. Windows with insulated glass wider than 36" require setting blocks. Safety glazing required to the exterior at heights above 30 feet.

FL14095 R11 C CAC NI011567.01-R1.pdf FL14095 R11 C CAC NI011567-R1.pdf

**Quality Assurance Contract Expiration Date** 04/30/2025

**Installation Instructions** 

FL14095 R11 II FL14095 R5 II DP65-

75 52.125x75 Impact Installation Instructions.pdf FL14095 R11 II NI011567.01-R1 Dwgs 07252017.pdf

Verified By: Hermes Norero, PE 73778 Created by Independent Third Party: Yes

**Evaluation Reports** 

FL14095 R11 AE PER3095.pdf

Created by Independent Third Party: Yes

Back

Next

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#### **Product Approval Accepts:**











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### NOTICE OF PRODUCT CERTIFICATION



CERTIFICATION NO: NI011567.04-R3

**DATE:** 05/23/2013

CERTIFICATION PROGRAM: Structural

**COMPANY:** <u>JELD-WEN</u>

CODE: 1822-1

**REVISION DATE:** <u>01/13/2017</u>

To verify that the "Notice of Product Certification" is valid, please visit <a href="www.NAMICertification.com">www.NAMICertification.com</a> to assure that the product is active and currently listed. This certification represents product conformity to the applicable specification and that certification criteria has been satisfied. A NAMI approved certification label must be applied to the product to claim certification status. Please review and advise NAMI if any corrections are required to this document.

| COMPANY NAME AND ADDRESS | PRODUCT DESCRIPTION  |
|--------------------------|--|
| JELD-WEN                 | "Premium Atlantic Vinyl Single Hung (8100)"  |
| 3737 Lakeport Boulevard  | Impact Rated Vinyl Single Hung Window  |
| Klamath Falls, OR 97601  | (Fin or Flange Installation)   |
|                          | Configuration: O/X Glazing: IG-1/8" Annealed Glass/Laminate- 1/8" Annealed Glass/0.090 "PVB Interlayer by DuPont/ 1/8" Annealed Glass or IG-1/8" Annealed Glass/Laminate- 1/8" annealedGlass/0.090" SentryGlas Plus by DuPont/ 1/8" Annealed Glass |
|                          | Frame: W-914mm(36") H-1829mm(72")  |
|                          | Sash: W-845mm(33.25") H-883mm(34.75")  |

| SPECIFICATION      | PRODUCT RATING   |
|--------------------|--|
| TAS 201/202/203-94 | Design Pressure: +65/-70 psf<br>Large Missile Impact Rated |

Product Tested By: National Certified Testing Laboratories

Report No: NCTL-210-3875-1 Expiration Date: **April 30, 2025** 

Administrator's Signature:

### NATIONAL ACCREDITATION AND MANAGEMENT INSTITUTE, INC.

4794 George Washington Memorial Highway

Hayes, VA 23072 Tel: (804) 684-5124 Fax: (804) 684-5122



398 E. Dania Beach Blvd. Suite 338 Dania Beach, FL 33004 954.399.8478 PH 954.744.4738 FX contact@buildingdrops.com

### **Product Evaluation Report** of

JELD-WEN, Inc.

Premium Atlantic Vinyl Single Hung - Impact

Florida Product Approval

Report No. 3094

**Current Florida Building Code** 

Method: 1 - A (Certificate)

Windows Category: Single Hung Sub - Category:

> Premium Atlantic Vinyl Single Hung - Impact **Product:**

**PVC** Material:

36" x 72" (O/X) **Product Dimensions:** 

#### Prepared For:

JELD-WEN, Inc. 3737 Lakeport Blvd. Klamath Falls, OR 97601

#### Prepared by:

Hermes F. Norero, P.E. Florida Professional Engineer # 73778

**Evaluation Report** 

Prepared by:

les F. Norero, P.E.

ofessional Engineer # 73778

Date: 08/11/2014

Contents:

Report Pages 1 – 4

Digitally signed by Hermes F. Norero, P.E. Co.,

Peason: Lam approving this document Date: 2014.09.19 16:31:49 -04'00'

> Hermes F. Norero, P.E. Florida No. 73778



### **BUILDING DROPS**

A Perfect Solution in Every Drop

Certificate of Authorization: 29578

Date: 08/11/2014 Report No: 3094

Manufacturer: JELD-WEN, Inc.

Product Category: Windows

Product Sub-Category: Single Hung

Compliance Method: State Product Approval Method (1)(a)

Product Name: Premium Atlantic Vinyl Single Hung - Impact

(Impact)

36" x 72" (O/X)

Scope:

This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **JELD-WEN**, **Inc.** based on <u>Method 1a</u> of the State of Florida Product Approval, Department of Business and Professional Regulation - Florida Building Commission.

Hermes F. Norero, P.E. does not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

This product has been evaluated for use in locations adhering to the current Florida Building Code.

See Installation Instructions NCTL210-3875-1-FBC, signed and sealed by Hermes F. Norero, P.E. (FL # 73778) for specific use parameters.

#### Limits of Use:

- This product has been evaluated and is in compliance with the current Florida Building Code, including the "High Velocity Hurricane Zone" (HVHZ).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment into substrate material shall be beyond wall dressing or stucco.
- When used in areas requiring wind borne debris protection this product complies with Section 1609.1.2 of the current Florida Building Code and <u>does not</u> require an impact resistant covering.
- Site conditions that deviate from the details of drawing NCTL210-3875-1-FBC require further engineering analysis by a licensed engineer or registered architect.
- See Installation Instructions NCTL210-3875-1-FBC for size and design pressure limitations.



### **BUILDING DROPS**

A Perfect Solution in Every Drop

Certificate of Authorization: 29578

Date: 08/11/2014 Report No: 3094

Quality Assurance:

The manufacturer has demonstrated compliance of products in accordance with the Florida Building Code for manufacturing under a quality assurance program audited by an approved quality assurance entity through **National Accreditation and Management Institute** (FBC Organization #: QUA 1789).

Performance Standards:

The product described herein has been tested per:

- TAS 201-94
- TAS 202-94
- TAS 203-94

Referenced Data:

- Product Testing performed by National Certified Testing Laboratories NW (FBC Organization # TST9341)
   Report #: NCTL-210-3875-1, Report Date: 4/18/2013
- 2. Certification Agency
  National Accreditation and Management Institute
  (FBC Organization #: CER 1773)
- Material Certification
   Miami Dade RER Product Control Section NOA
   E.I. DuPont De Nemours & Co., Inc.: PVB Interlayer
- Material Certification
   Miami Dade RER Product Control Section NOA
   Quanex Building Products: PVC Extrusions

Date: 08/11/2014 Report No: 3094

Certificate of Authorization: 29578

Through Frame Installation:

- 1. Approved anchor types and substrates are as follows:
- A. For concrete (Min. f'c = 3000 psi) or masonry substrate (Min. f'c = 1500 psi) where one by (1X), non-structural, wood bucking is employed, use (1) 3/16" diameter ITW Tapcon type concrete screw anchors per location of sufficient length to achieve minimum embedment of 1.25" into concrete or masonry.
- B. For concrete (Min. f'c = 3000 psi) or masonry substrate (Min. f'c = 1500 psi) where wood bucking is NOT employed, use (1) 3/16" diameter ITW Tapcon type concrete screw anchors per location of sufficient length to achieve minimum embedment of 1.25" into concrete or masonry.
- C. For steel substrate, use (1) #8 Tek Screw type steel frame (min. 18ga.) anchors per location of sufficient length to achieve minimum three threads of penetration beyond steel structure.

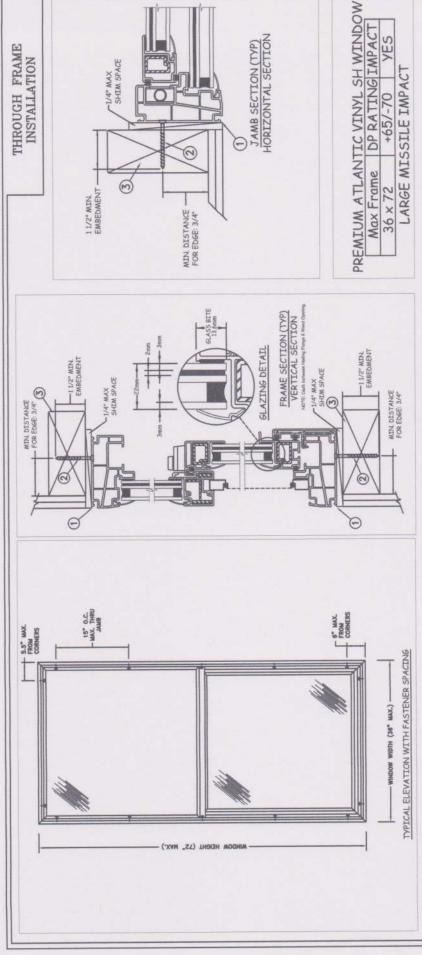
#### Nail Fin Installation (Where applicable):

A. For wood substrates (Min. S.G. = 0.42) use (1) #10 Wood Screw type installation anchors per location of sufficient length to achieve a minimum embedment of 1.50" into the wood substrate.

Refer to Installation Instructions (NCTL210-3875-1-FBC) for anchor spacing and more details of the installation requirements.

**Design Pressure:** 

| Design P | ressure |
|----------|---------|
| Positive | 65 PSF  |
| Negative | 70 PSF  |



Use #10 PH or greater fastener though the jamb with sufficient length to penetrate a minimum of 1 1/2"

Seal flange/frame to substrate.

+ 0

Installation Notes:

into the wood framing. For 2X wood frame substrate (min. S.G. = 0.42).

Host structure (wood buck, masonry, steel) to be designed and anchored to properly transfer all loads to the structure. The host structure is the responsibility of the architect or engineer of record for the

project of installation.

o

- The product shown herein is designed, tested and manufactured to comply with the wind load criteria of the adopted International Building Code(IBC), the International Residential Code(IRC), the Florida Building Code (FBC) including HVHZ and the industry requirement for the stated conditions.
- All glazing shall conform to ASTM E1300.
- At minimum, glazing is 3mm annealed 11mm airspace 3mm annealed 2mm PVB Interlayer by DuPont - 3mm annealed. ni m
  - Use structural or composite shims where required.

4

Certification No: NI011567.04-R3

Reviewed By: ADO.

Date Reviewed: 07/25/2017 window to achieve the rated design pressure up to the size limitations This schedule addresses only the fasteners required to anchor the

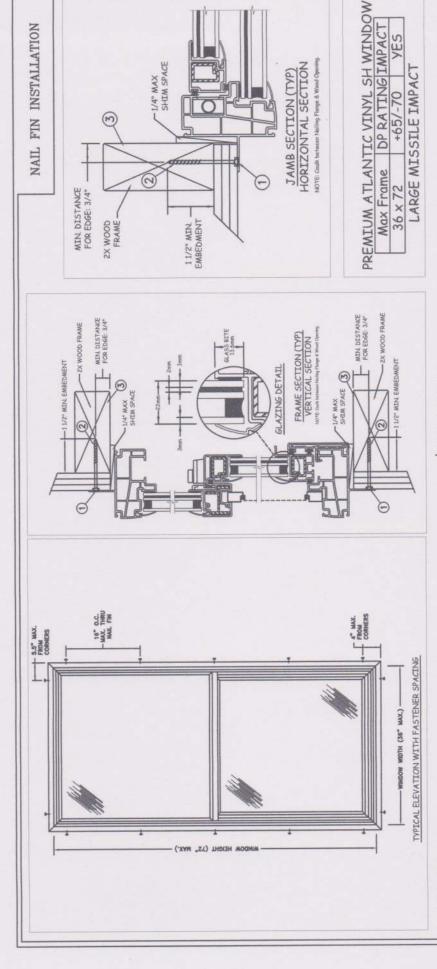
conditions. For the complete installation procedure, see the instructions noted. It is not intended as a guide to the installation process and does not address he sealing consideration that may arise in different wall www.jeld-wen.com/resources/installation. packaged with the window or go to

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'AS TESTED'

Phone: (800) 535-3936 3737 Lakeport Blvd Klamath Falls, OR. 97601 1 OF 1 Premium Atlantic Vinyl Impact Single Hung Window 00 CAD DWG. No.: NAME AND LOCATION: DATE: 06/30/2015 NTS NCT1210-3875-1-FBC PROJECT ENGINEER: D008729 J. Kantola APPROVED BY: D. Vezo



- The product shown herein is designed, tested and manufactured to comply with the wind load criteria of the adopted International Building Code(IBC), the International Residential Code(IRC), the Florida Building Code (FBC) including HVHZ and the industry requirement for the stated conditions.
  - At minimum, glazing is 3mm annealed 11mm airspace 3mm annealed 2mm PVB Interlayer by All glazing shall conform to ASTM E1300. 200

Host structure (wood buck, masonry, steel) to be designed and anchored to properly transfer all loads

1/2" into the wood framing. For 2X wood frame substrate (min. S.G. = 0.42).

to the structure. The host structure is the responsibility of the architect or engineer of record for the

project of installation.

Use #10 PH or greater fastener though the nail fin with sufficient length to penetrate a minimum of 1

Seal flange/frame to substrate.

- N

3

Installation Notes:

Use structural or composite shims where required DuPont - 3mm annealed.

4 Digitally signed by Hermes F. Norero, P.E. Reason: I am approving this document Date: 2014.09.19 16:26:14 -04'00'

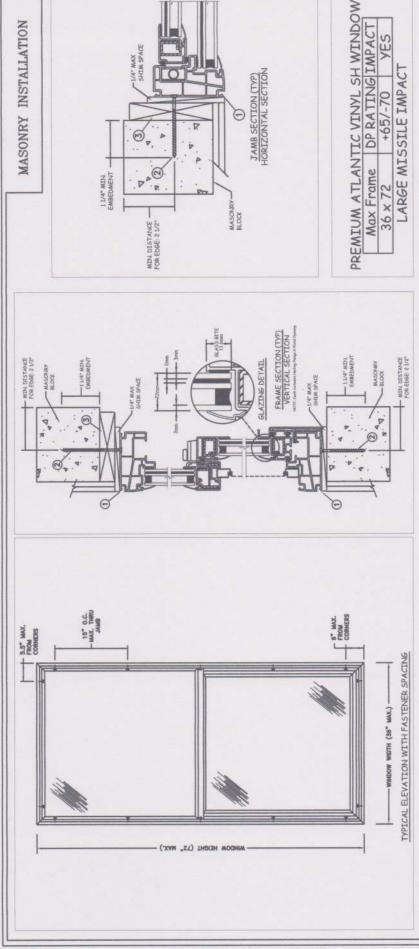
does view of the constant of t conditions. For the complete installation procedure, see the instructions noted. It is not intended as a guide to the installation process and does window to achieve the rated design pressure up to the size limitations not address he sealing consideration that may arise in different wall This schedule addresses only the fasteners required to anchor the www.jeld-wen.com/resources/installation. packaged with the window or go to

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PROF

3737 Lakeport Blvd Klamath Falls, OR. 97601 Phone: (541) 882-3451 1 OF 3 Premium Atlantic Vinyl Impact Single Hung Window 00 ELD WEN CAD DWG, No.: NAME AND LOCATION: DATE: 08/13/2014 NTS SCALE NCTL210-3875-1-FBC D008729 PROJECT ENGINEER: HECKED BY: PPROVED BY: D. Vezo



- The product shown herein is designed, tested and manufactured to comply with the wind load criteria of the adopted International Building Code(IBC), the International Residential Code(IRC), the Florida Building Code (FBC) including HVHZ and the industry requirement for the stated conditions.
  - All glazing shall conform to ASTM E1300. ci m

minimum of 1 1/4" into concrete or masonry at each location with a 2 1/2" min from edge distance. For

Use 3/16" ITW Tapcon or equivalent fasteners through frame with sufficient length to penetrate a

Seal flange/frame to substrate.

- ci

Installation Notes:

Host structure (wood buck, masonry, steel) to be designed and anchored to properly transfer all loads to the structure. The host structure is the responsibility of the architect or engineer of record for the

project of installation.

3

concrete (min. Pc = 3000psi) or masonry substrate (CMU shall adhere to ASTM C90).

- At minimum, glazing is 3mm annealed 11mm airspace 3mm annealed 2mm PVB Interlayer by DuPont - 3mm annealed. 4
  - Use structural or composite shims where required

conditions. For the complete installation procedure, see the instructions noted. It is not intended as a guide to the installation process and does window to achieve the rated design pressure up to the size limitations not address he sealing consideration that may arise in different wall This schedule addresses only the fasteners required to anchor the www.jeld-wen.com/resources/installation. packaged with the window or go to

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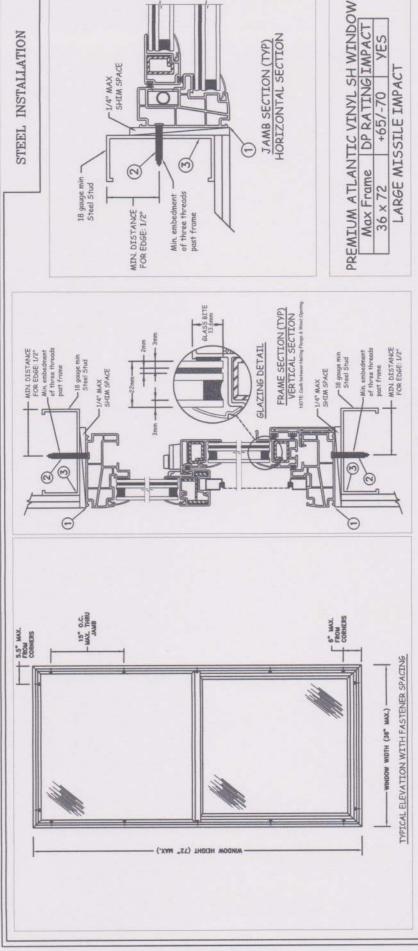
Klamath Falls, OR. 97601 Phone: (541) 882-3451 Premium Atlantic Vinyl Impact Single Hung Window DWEN DENTIFIER NO. NCTL210-3875-1-FBC DATE: 08/13/2014 NTS D008729 ROJECT ENGINEER: J. Kantola PROVED BY: D. Vezo S TATE OF THE SEAL STATE OF THE STATE OF THE

3737 Lakeport Blvd

CAD DWG. No.:

8

2 OF 3



- The product shown herein is designed, tested and manufactured to comply with the wind load criteria of the adopted International Building Code (IBC), the International Residential Code (IRC), the Florida Building Code (FBC) including HVHZ and the industry requirement for the stated conditions.
  - At minimum, glazing is 3mm annealed 11mm airspace 3mm annealed 2mm PVB Interlayer by All glazing shall conform to ASTM E1300. 3 5

minimum embedment of three threads past the frame thickness. Steel substrate min. 18ga., fy = 33 ksl. Host structure (wood buck, masonry, steel) to be designed and anchored to properly transfer all loads

to the structure. The host structure is the responsibility of the architect or engineer of record for the

project of installation.

For anchoring into metal framing use #8 TEK Self Tapping screws with sufficient length to achieve a

Seal flange/frame to substrate.

+ 0

Installation Notes:

Use structural or composite shims where required 4.

DuPont - 3mm annealed

conditions. For the complete installation procedure, see the instructions noted. It is not intended as a guide to the installation process and does window to achieve the rated design pressure up to the size limitations not address he sealing consideration that may arise in different wall This schedule addresses only the fasteners required to anchor the www.jeld-wen.com/resources/installation. packaged with the window or go to

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CAD DWG. No.: NCTL210-3875-11-FBC DATE: 08/13/2014 NTS SCALE: D008729 ROJECT ENGINEER: J. Kantola PROVED BY: D. Vezo A to others See East Double Beach. Ty 350

3737 Lakeport Blvd Klamath Falls, OR. 97601 Phone: (541) 882-3451 Premium Atlantic Vinyl Impact Single Hung Window EL D'WEN

3 OF 3

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