

## MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

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www.miamidade.gov/economy

# DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

**NOTICE OF ACCEPTANCE (NOA)** 

WinDoor, Inc. 7500 Amsterdam Drive Orlando, FL 32832

#### Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/ or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.-

#### DESCRIPTION: Series "V130" White PVC Fixed Window - L.M.I.

**APPROVAL DOCUMENT:** Drawing No. **08-01755**, titled "V130 Vinyl Fixed Window – Single" sheets 1 through 8 of 8, dated 09/06/12, with revision C dated 11/30/17, prepared by manufacturer, signed and sealed by Luis R. Lomas, P.E., bearing the Miami–Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

#### MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/ series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises and renews NOA No. 15-0723.15 and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.

MIAMI-DADE COUNTY
APPROVED

3/15/18

NOA No. 17-1219.23 Expiration Date: April 04, 2023 Approval Date: March 22, 2018 Page 1

#### WinDoor, Inc.

#### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

#### 1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

#### A. DRAWINGS

- 1. Manufacturer's die drawings and sections. (Submitted under NOA No. 12-1019.22)
- 2. Drawing No. **08-01755**, titled "V130 Vinyl Fixed Window Single", sheets 1 through 8 of 8, dated 09/06/12, with revision **B** dated 03/21/15, prepared by manufacturer, dated 06/08/16, prepared by manufacturer, signed and sealed by Luis R. Lomas, P.E.

#### B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Large Missile Impact Test per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with installation diagram of a white PVC fixed window, prepared by National Certified Testing Laboratories, Test Report No. **NCTL-210-3820-1**, Specimens 1, 2, 3, 4, 5 and 6, dated 06/20/12, signed and sealed by Gerald J. Ferrara, P.E. (Submitted under NOA No. 12-1019.22)

### C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with FBC-5<sup>th</sup> Edition (2014), dated 07/14/15 revised on 07/20/16, prepared, signed and sealed by Luis R. Lomas, P.E.
- 2. Glazing complies with ASTM E1300-04/09

#### D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

#### E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 14-0916.11 issued to Kuraray America, Inc. for their "SentryGlas® (Clear and White) Glass Interlayers" dated 06/25/15, expiring on 07/04/18.
- 2. Notice of Acceptance No. 12-0106.01 issued to VEKA, Inc., for their "White Rigid PVC Exterior Extrusions for Windows and Doors" dated 08/09/12, expiring on 03/04/17.
- 3. 0.4725-inch (Length) by 0.2598-inch (Height) by 0.0059-inch (Thickness) (12.0x6.6x0.15mm) Aluminum Low Profile Insulated-Glass spacer Helima AH 1250 N (P/N.: USA K 001 000 000 R7) with Alloy AW-3000 (Ft<sub>u</sub>=17 ksi and Ft<sub>y</sub>=12ksi) by Helmut Lingemann GmbH & Co., KG. (Helima).

Manuel Perez, P.E. Product Control Examiner NOA No. 17-1219.23

Expiration Date: April 04, 2023 Approval Date: March 22, 2018

#### WinDoor, Inc.

#### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

#### F. STATEMENTS

- 1. Statement letter of conformance, of complying with **FBC 5**<sup>th</sup> **Edition (2014)**, and of no financial interest, dated 06/08/15, signed and sealed by Luis R. Lomas, P.E.
- 2. Laboratory addendum letter for Test Report No. NCTL-210-3820-1, issued by National Certified Testing Laboratories, dated 01/08/13, signed and sealed by Gerald J. Ferrara, P. E.

(Submitted under NOA No. 12-1019.22)

3. Laboratory compliance letter for Test Report No. NCTL-210-3820-1, issued by National Certified Testing Laboratories, dated 06/20/12, signed and sealed by Gerald J. Ferrara, P. E.

(Submitted under NOA No. 12-1019.22)

#### G. OTHERS

1. Notice of Acceptance No. 12-1019.22, issued to WinDoor, Inc. for their Series "V130 White PVC Fixed Window - L.M.I.", approved on 04/04/13 and expiring on 04/04/18.

Manuel Perez, P.E. Product Control Examiner NOA No. 17-1219.23

Expiration Date: April 04, 2023 Approval Date: March 22, 2018

#### WinDoor, Inc.

#### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

#### 2. NEW EVIDENCE SUBMITTED

#### A. DRAWINGS

1. Drawing No. **08-01755**, titled "V130 Vinyl Fixed Window - Single", sheets 1 through 8 of 8, dated 09/06/12, with revision **C** dated 11/30/17, prepared by manufacturer, signed and sealed by Luis R. Lomas, P.E.

#### B. TESTS

1. None

#### C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with **FBC** 6<sup>th</sup> **Edition** (2017), dated 11/30/17, prepared, signed and sealed by Luis R. Lomas, P.E.
- 2. Glazing complies with ASTM E1300-04/09

#### D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

#### E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 17-0808.02 issued to Kuraray America, Inc. for their "SentryGlas® (Clear and White) Glass Interlayers" dated 12/28/17, expiring on 07/04/23.
- 2. Notice of Acceptance No. 17-0228.04 issued to VEKA, Inc., for their "White Rigid PVC Exterior Extrusions for Windows and Doors" dated 04/06/17, expiring on 03/04/22.

#### F. STATEMENTS

1. Statement letter of conformance, of complying with **FBC** 6<sup>th</sup> **Edition (2017)**, and of no financial interest, dated November 30, 2017, issued, signed and sealed by Luis R. Lomas, P.E.

#### G. OTHERS

1. Notice of Acceptance No. **15-0723.15**, issued to WinDoor, Inc. for their Series "V130 White PVC Fixed Window - L.M.I.", approved on 09/08/16 and expiring on 04/04/18.

Manuel Perez, P.E. Product Control Examiner NOA No. 17-1219.23

Expiration Date: April 04, 2023 Approval Date: March 22, 2018

REVISIONS				
REV DESCRIPTION		DATE	APPROVED	
С	REVISED PER NEW REQUIREMENTS	11/30/17	·R.L.	

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE 6th EDITION (2017) INCLUDING THE HVHZ.
- 2. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE, FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 3. 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 4. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR
- 5. FRAME MATERIAL: EXTRUDED RIGID PVC BY VEKA WITH TENSILE STRENGTH OF 7.3 KSI.
- 6. UNITS MUST BE GLAZED PER ASTM E1300-04/09, SEE SHEET 2 FOR GLASS DETAILS.
- 7. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
- 8. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING STRUCTURAL SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS, MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
- 9. FOR FRAME INSTALLATION INTO WOOD FRAMING OR 2X BUCK USE #14 GRADE 5 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 7/16" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 10. FOR FRAME INSTALLATION INTO MASONRY/CONCRETE USE 1/4" ELCO CRETE-FLEX WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 11. FOR FRAME INSTALLATION INTO METAL STRUCTURE USE #14 SMS OR SELF DRILLING GRADE 5 SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 12. FOR CLIP INSTALLATION INTO WOOD FRAMING OR 2X BUCK USE #12 GRADE 5 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 5/8" MINIMUM EMBEDMENT INTO SUBSTRATE, LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.

- 13. FOR CLIP INSTALLATION INTO MASONRY/CONCRETE USE 1/4" ELCO CRETE-FLEX WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 1/4. FOR CLIP INSTALLATION INTO METAL STRUCTURE USE #12 SMS OR SELF DRILLING GRADE 5 SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 1/5. ALL FASTENERS TO BE CORROSION RESISTANT.
- 16. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
- A. WOOD MINIMUM SPECIFIC GRAVITY OF G=0.42
- B. CONCRETE MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
- ! C. MASONRY STRENGTH CONFORMANCE TO ASTM C-90, NORMAL WEIGHT W/2 KSI
- D. METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 1/8" THICK MINIMUM

SIGNED: 03/01/2018

TABLE OF CONTENTS SHEET NO. **DESCRIPTION** NOTES **ELEVATIONS** B.O.M. AND CROSS SECTIONS .3 By Manyel & 4 - 7 INSTALLATION DETAILS Miami-Dade Product Control COMPONENTS.

WinDoor INCORPORATED PRODUCT REVISED as complying with the Florida Building Code

NOA-No. 17-1219.23

Expiration Date 04/04/2023

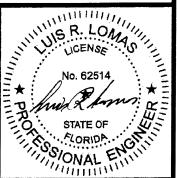
7500 AMSTERDAM DRIVE ORLANDO, FL 32832

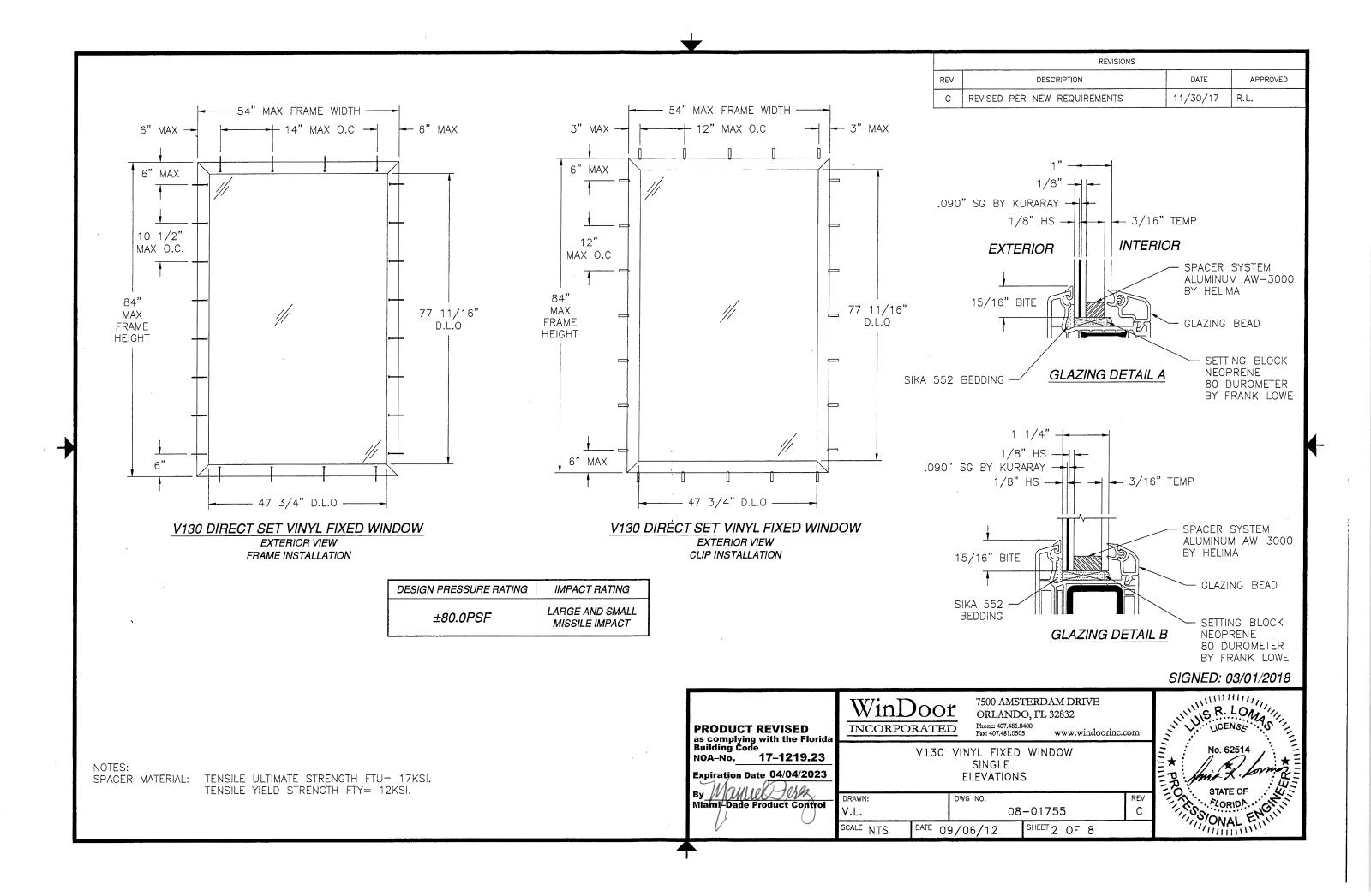
Phone: 407,481,8400 Fax: 407,481,0505

www.windoorinc.com

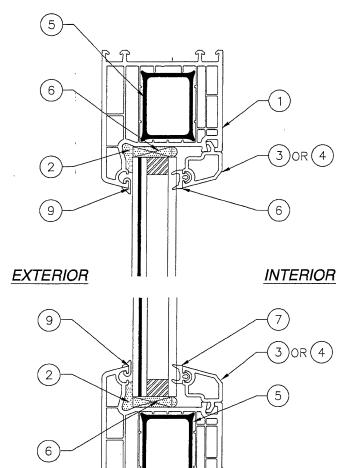
V130 VINYL FIXED WINDOW SINGLE NOTES

DRAWN: DWG NO. 08-01755 v.L. SCALE NTS SHEET 1 OF 8 DATE 09/06/12

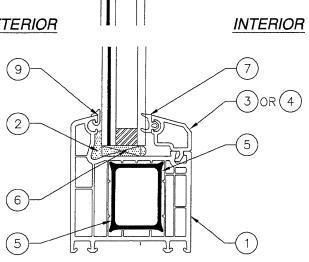




PARTS LIST					
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL	
1	101.214	TATA TO MEET		RIGID PVC	
2	SIKA 552	URETHANE SEALANT			
3	107.200	1" GLAZING BEAD	VEKA	RIGID PVC	
4	107.204	1 1/4" GLAZING BEAD	VEKA	RIGID PVC	
5	FH-06512	FRAME REINFORCEMENT	KEYMARK	ALUMINUM 6005A T61	
6	01-100-7755-002	NEOPRENE SETTING BLOCK	FRANK LOWE	DUROMETER 80	
7	112.050	GLAZING GASKET	VEKA	DUROMETER 60	
8	141.138	WINDOW INSTALLATION ANCHOR	VEKA	G90 GALV. STEEL	
9	TP132 VENT GLAZING LEG ADAPTOR TEAM PLASTICS		TEAM PLASTICS	DUROMETER 70	

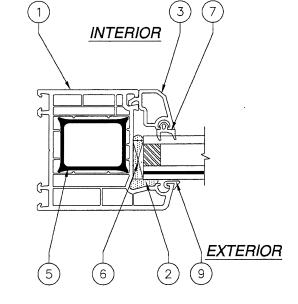


	REVISIONS				
REV	DESCRIPTION	DATE	APPROVED		
С	REVISED PER NEW REQUIREMENTS	11/30/17	R.L.		



VERTICAL CROSS SECTION

SIGNED: 03/01/2018



HORIZONTAL CROSS SECTION

PRODUCT REVISED
as complying with the Florida
Building Code NOA-No. 17-1219.23

Expiration Date 04/04/2023

By Muller By Miami-Dade Product Control

WinDoor INCORPORATED

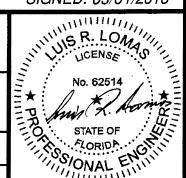
7500 AMSTERDAM DRIVE ORLANDO, FL 32832

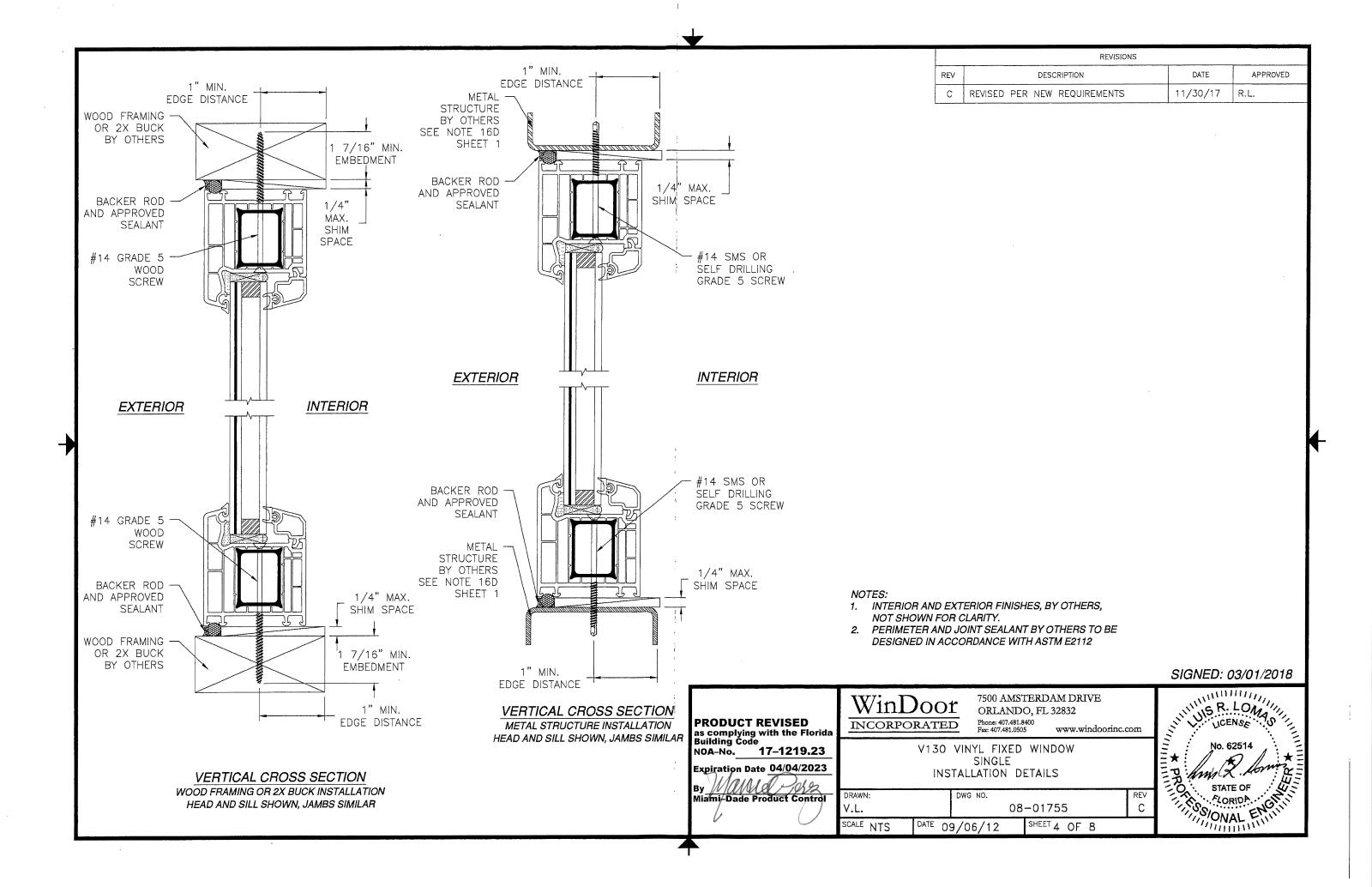
Phone: 407.481.8400 Fax: 407.481.0505

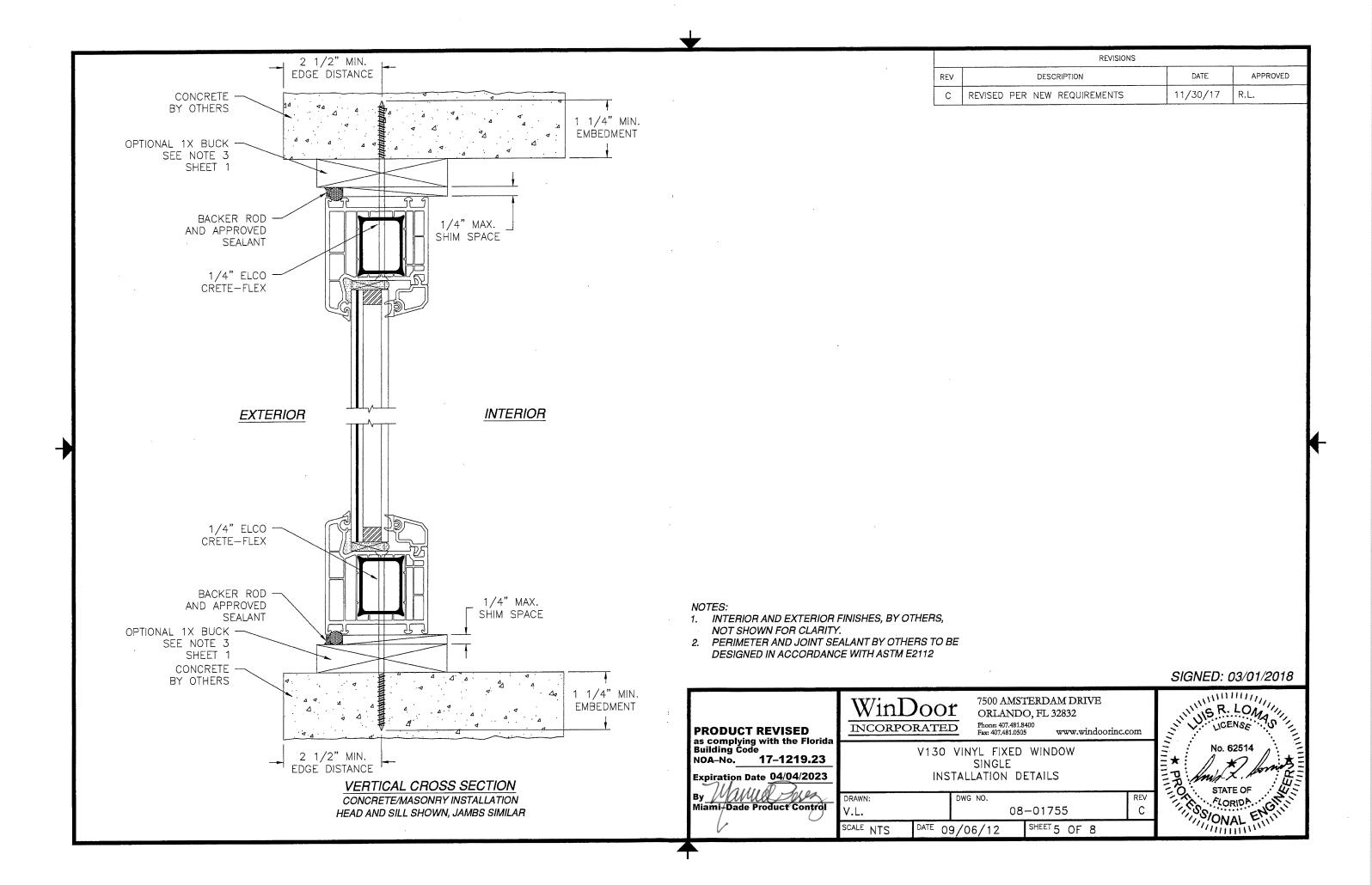
www.windoorinc.com

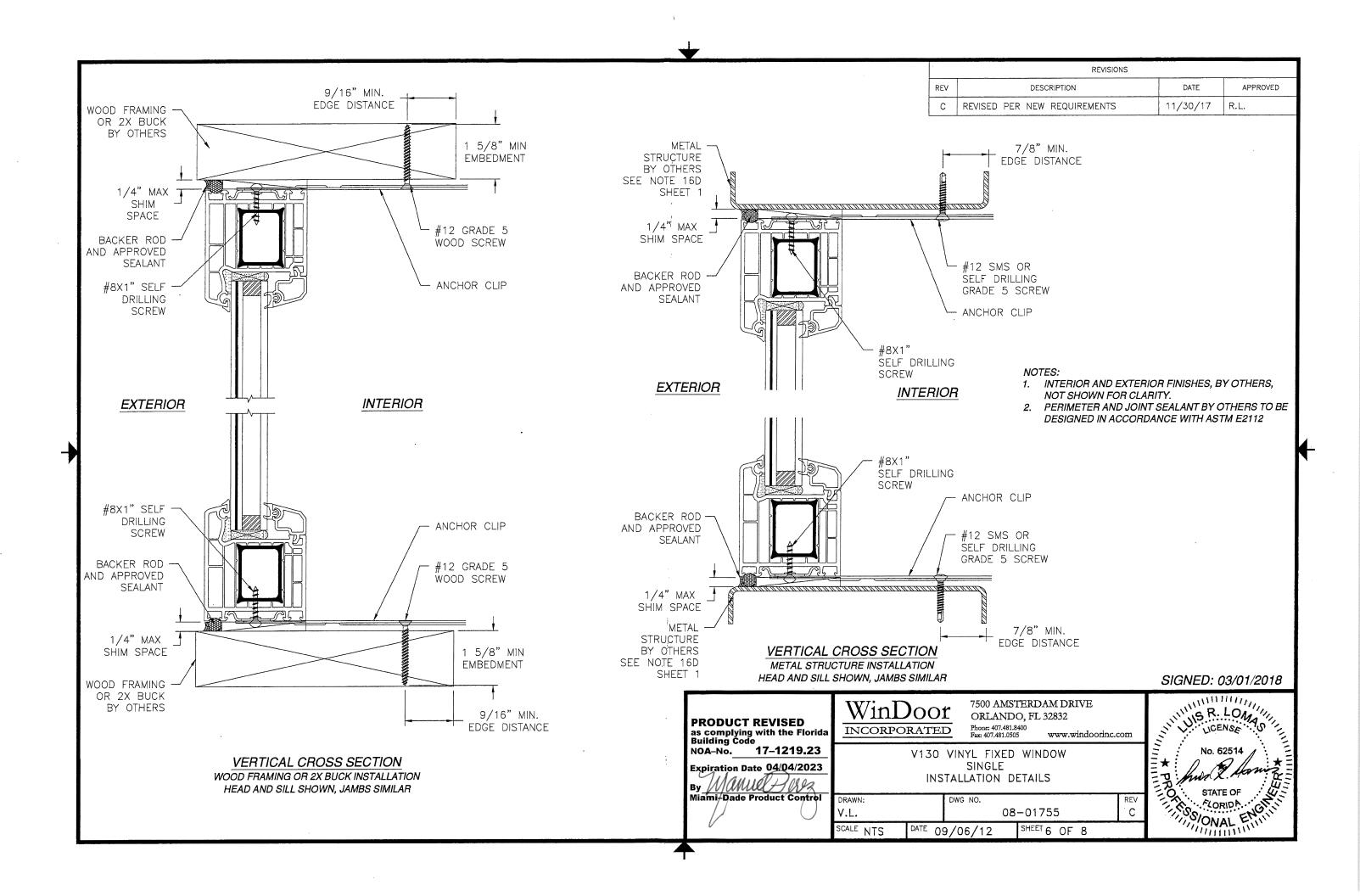
V130 VINYL FIXED WINDOW SINGLE B.O.M. AND CROSS SECTIONS

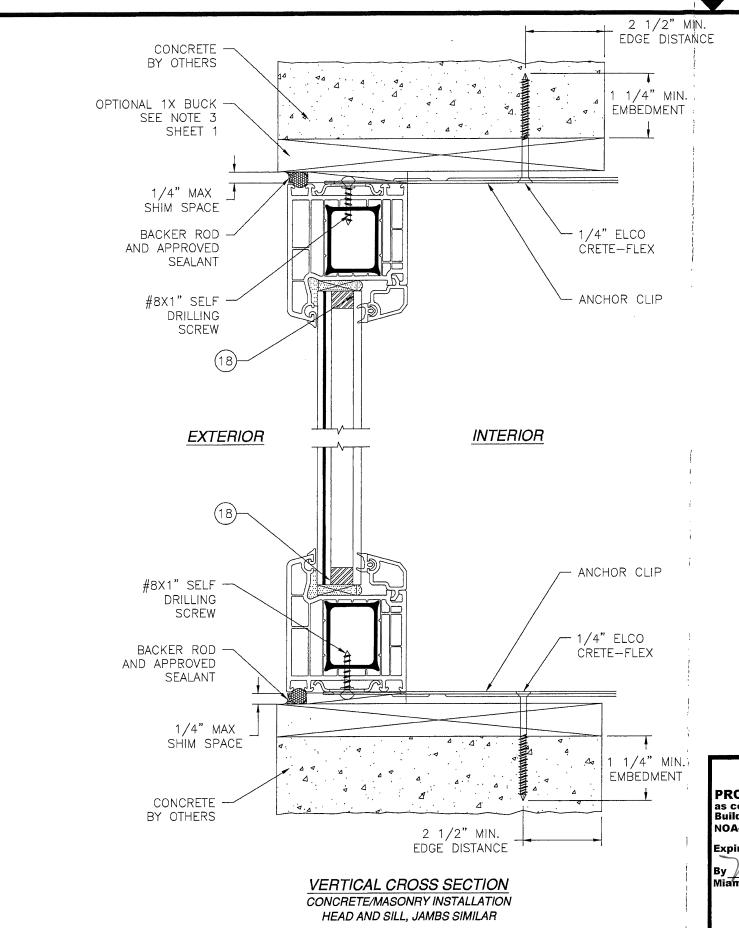
DWG NO. REV C 08-01755 SCALE NTS DATE 09/06/12 SHEET 3 OF 8











REVISIONS

REV DESCRIPTION DATE APPROVED

C REVISED PER NEW REQUIREMENTS 11/30/17 R.L.

#### NOTES:

- 1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
- 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 03/01/2018

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CORIDA CONTO

PRODUCT REVISED as complying with the Florida Building Code	Win L INCORPO		ORLA Phone: 407	7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.o			com
NOA-No. 17-1219.23	V130 VINYL FIXED WINDOW						
Expiration Date 04/04/2023  By MAMULE FIRST	SINGLE INSTALLATION DETAILS						
/liami∕Dade Product Control	DRAWN:		DWG NO.				REV
	V.L.			08-01	755		С
	SCALE NTS	DATE OS	/06/12	SHEE	<sup>T</sup> 7 OF 8	3 '	

