

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

Labrador & Fundora Corp. dba V & V Windows 2355 W 4<sup>th</sup> Avenue Hialeah, FL 33010–1454

#### 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 "1100" Aluminum Single Hung Window - N.I.

**APPROVAL DOCUMENT:** Drawing No. **W99-23**, titled "Series 1100 Alum. Single Hung Wdw. (N.I.)", sheets 1 through 4 of 4, dated 03/26/99, with revision "**I**" dated 07/14/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

# MISSILE IMPACT RATING: None.

**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 **renews NOA No. 20-1103.15** 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

11/18/21

NOA No. 21-1028.02 Expiration Date: January 05, 2027 Approval Date: November 24, 2021 Page 1

## Labrador & Fundora Corp. dba V & V Windows

# **NOTICE OF ACCEPTANCE:** EVIDENCE SUBMITTED

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

#### A. DRAWINGS

- 1. Manufacturer's die drawings and sections. (Submitted under NOA's No. 05-1021.02 and 00-0609.10)
- Drawing No. W99-23, titled "Series 1100 Alum. Single Hung Wdw. (N.I.)", sheets 1 through 4 of 4, dated 03/26/99, with revision "I" dated 07/14/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E. (Submitted under NOA No. 20-1103.15)

### **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) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94

along with marked–up drawings and installation diagram of single hung window, prepared by American Test Lab of South Florida, Inc., Test Report No. **ATLSF-0408.01-05**, dated 09/27/05, signed and sealed by William R. Mehner, P. E. *(Submitted under NOA No. 05-1021.02)* 

- 2. 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) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94

along with marked-up drawings and installation diagram of single hung window, prepared by Hurricane Engineering & Testing, Inc., Test Reports No. **HETI-99-1146** and **HETI-99-1147**, dated 11/03/99, all signed and sealed by Hector M. Medina, P.E. *(Submitted under NOA No. 00-0609.10)* 

- C. CALCULATIONS
  - Anchor verification calculations and structural analysis, complying with FBC 5<sup>th</sup> Edition (2014), dated 02/06/15 and 08/11/15 and further updated on 10/22/20 to comply with FBC 7<sup>th</sup> Edition (2020), prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

(Submitted under NOA No. 20-1103.15)

2. Glazing complies with ASTM E1300-09

### **D. QUALITY ASSURANCE**

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

Manue Manuel Perez, P.E

Manuel Perez, P.E. Product Control Examiner NOA No. 21-1028.02 Expiration Date: January 05, 2027 Approval Date: November 24, 2021

## Labrador & Fundora Corp. dba V & V Windows

# **NOTICE OF ACCEPTANCE:** EVIDENCE SUBMITTED

## 1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

## E. MATERIAL CERTIFICATIONS

1. None.

## F. STATEMENTS

- Statement letter of conformance, complying with FBC 6<sup>th</sup> Edition (2017), with FBC 7<sup>th</sup> Edition (2020) and of no financial interest, dated October 22, 2020, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E. (Submitted under NOA No. 20-1103.15)
- Testing agreement letter dated 02/09/21 between Hurricane Engineering & Testing, Inc. (HETI) and Labrador & Fundora Corp. dba V & V Windows, issued by HETI and signed by Syed Wakar Ali, Ph.D., president. (Submitted under NOA No. 20-1103.15)
- **3.** Letter from manufacturer requesting a 1-year extension to allow time to perform verification test, dated 03/10/21, signed by David Labrador. *(Submitted under NOA No. 20-1103.15)*
- 4. Laboratory compliance letter for Test Report No. ATLSF-0408.01-05, issued by American Test Lab of South Florida, Inc., dated 09/27/05, signed and sealed by William R. Mehner, P.E.

(Submitted under NOA No. 05-1021.02)

 Laboratory compliance letter for Test Reports No. HETI-99-1146 and HETI-99-1147, issued by Hurricane Engineering & Testing, Inc., dated 11/03/99, all signed and sealed by Hector M. Medina, P.E. (Submitted under NOA No. 00-0609.10)

### G. OTHERS

1. Notice of Acceptance No. 17-1011.06, issued to Labrador & Fundora Corp. dba V & V Windows for their Series "1100" Aluminum Single Hung Window - N.I., approved on 12/07/17and expiring on 01/05/21.

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Manuel Pérez, P.E. Product Control Examiner NOA No. 21-1028.02 Expiration Date: January 05, 2027 Approval Date: November 24, 2021

## Labrador & Fundora Corp. dba V & V Windows

### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

### 2. NEW EVIDENCE SUBMITTED

#### A. DRAWINGS

1. None.

### **B. TESTS**

 Test report on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94 along with marked-up drawings and installation diagram of a series 1100 single hung window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. HETI-21-7033, dated 05/19/21, signed and sealed by Rafael E. Droz-Seda, P.E.

## C. CALCULATIONS

1. None.

#### D. QUALITY ASSURANCE

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

### E. MATERIAL CERTIFICATIONS

1. None.

#### F. STATEMENTS

1. Statement letter of conformance, complying with **FBC** 7<sup>th</sup> **Edition (2020)** and of no financial interest, dated October 26, 2021, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

### G. OTHERS

1. Notice of Acceptance No. 20-1103.15, issued to Labrador & Fundora Corp. dba V & V Windows for their Series "1100" Aluminum Single Hung Window - N.I., approved on 03/25/21and expiring on 01/05/22.

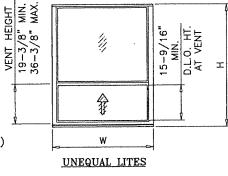
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Manuel Pérez, P.E. Product Control Examiner NOA No. 21-1028.02 Expiration Date: January 05, 2027 Approval Date: November 24, 2021

			S WINDOWS					l
WINDOW DIMS.		3/16" ANN. GLASS		3/16" TEMP. GLASS		WINDO		
WIDTH (W)	HEIGHT (H)	EXT.(+)	1NT.()	EXT.(+)	1NT.(-)	:	WIDTH (W)	H
19-1/8"		65.0	90.0	65.0	90.0		19-1/8"	
26-1/2"		65.0	90.0	65.0	90.0		26-1/2"	
37"	26"	65.0	90.0	65.0	90.0		37"	
42"	(4)	65.0	90.0	65.0	90.0		42"	
48"		65.0	90.0	65.0	90.0		48"	
53-1/8"		65.0	90.0	65.0	90.0		53-1/8"	$\bot$
19-1/8"		65.0	90.0	65.0	90.0		19-1/8"	
26-1/2"		65.0	90.0	65.0	90.0		26-1/2"	
37"	38-3/8"	65.0	90.0	65.0	90.0		37"	
42"	(5)	65.0	90.0	65.0	90.0		42"	
48"		65.0	87.1	65.0	90.0		48"	
53-1/8"		65.0	76.8	65.0	90.0		19-1/8"	
19-1/8"		65.0	90.0	65.0	90.0		26-1/2"	
26-1/2"		65.0	90.0	65.0	90.0		37"	
37"	50-5/8"	. 65.0	90.0	65.0	90.0		42"	
42"	(6)	65.0	86.4	65.0	90.0		19-1/8"	Τ
48"		65.0	71.7	65.0	90.0		26-1/2"	
53-1/8"		62.6	62.6	65.0	81.4		* NO. IN	PA
19-1/8"		65.0	90.0	65.0	90.0		ANCHOR	S
26-1/2"		65.0	90.0	65.0	90.0	]		
37"	60"	65.0	90.0	65.0	90.0	]		
.42"	(7)	65.0	79.2	65.0	90.0			
48"		64.8	64.8	65.0	84.2			
53-1/8"		56.1	56.1	65.0	72.9			
19-1/8"		65.0	90.0	65.0	90.0			
26-1/2"		65.0	90.0	65.0	90.0		ORIEL SIZE	
37"	63"	65.0	90.0	65.0	90.0		HT. $=$ WDV W $=$ WDW.	
42"	(7)	65.0	77.6	65.0	90.0			
48"		63.2	63.2	65.0	82.1			
53-1/8"		54.5	54.5	65.0	70.8	}		
19-1/8"		65.0	90.0	65.0	90.0			
26-1/2"		65.0	90.0	65.0	90.0			
37"	74-1/4"	65.0	82.0	65.0	90.0			
42"	(8)	65.0	73.7	65.0	90.0			
48"		58.7	58.7	65.0	76.3	]		
53-1/8"		50.0	50.0	65.0	65.0	1		

UNEQUAL LITES (ORIEL TYPES) WINDOWS DESIGN LOAD CAPACITY - PSF						
WINDOW DIMS. 3/16" ANN. GLASS 3/16" TEMP. GLASS					MP. GLASS	
WIDTH (W)	HEIGHT (H)	EXT.(+)	1NT.(-)	EXT.(+)	1 NT.(-)	
19-1/8"		65.0	90.0	65.0	90.0	
26-1/2"		65.0	90.0	65.0	90.0	
37"	50-5/8"	65.0	90.0	65.0	90.0	
42"	(6)	65.0	85.9	65.0	90.0	
48"		65.0	72.6	65.0	90.0	
53-1/8"		63.1	63.2	65.0	82.8	
19-1/8"		65.0	90.0	65.0	90.0	
26-1/2"		65.0	90.0	65.0	90.0	
37"	60"	65.0	77.1	65.0	90.0	
42"	(7)	65.0	68.2	65.0	90.0	
48"		61.4	61.7	65.0	89.3	
19-1/8"		65.0	90.0	65.0	90.0	
26-1/2"	63"	65.0	90.0	65.0	90.0	
37"	(7)	65.0	72.6	65.0	90.0	
42"		64.0	64.3	65.0	90.0	
19-1/8"	74-1/4"	65.0	90.0	65.0	90.0	
26-1/2"	(8)	65.0	70.5	65.0	90.0	

\* NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.



Bv

O HT. = WDW. HT-VENT DLO HT-7.250 (FIX LITE) O W = WDW. W - 3.625

> SERIES 1100 ALUMINUM SINGLE HUNG WINDOW DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ABOVE.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF S.H./S.H. OR SINGLE HUNG WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 (6TH EDITION)/2020 (7TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

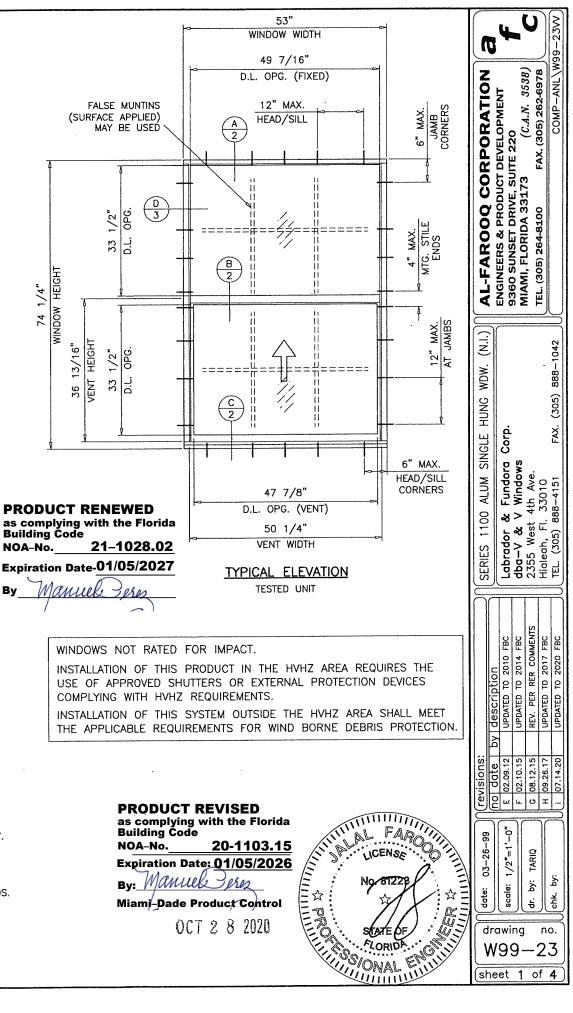
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2017/2020 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

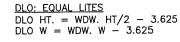
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC.

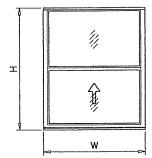
CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

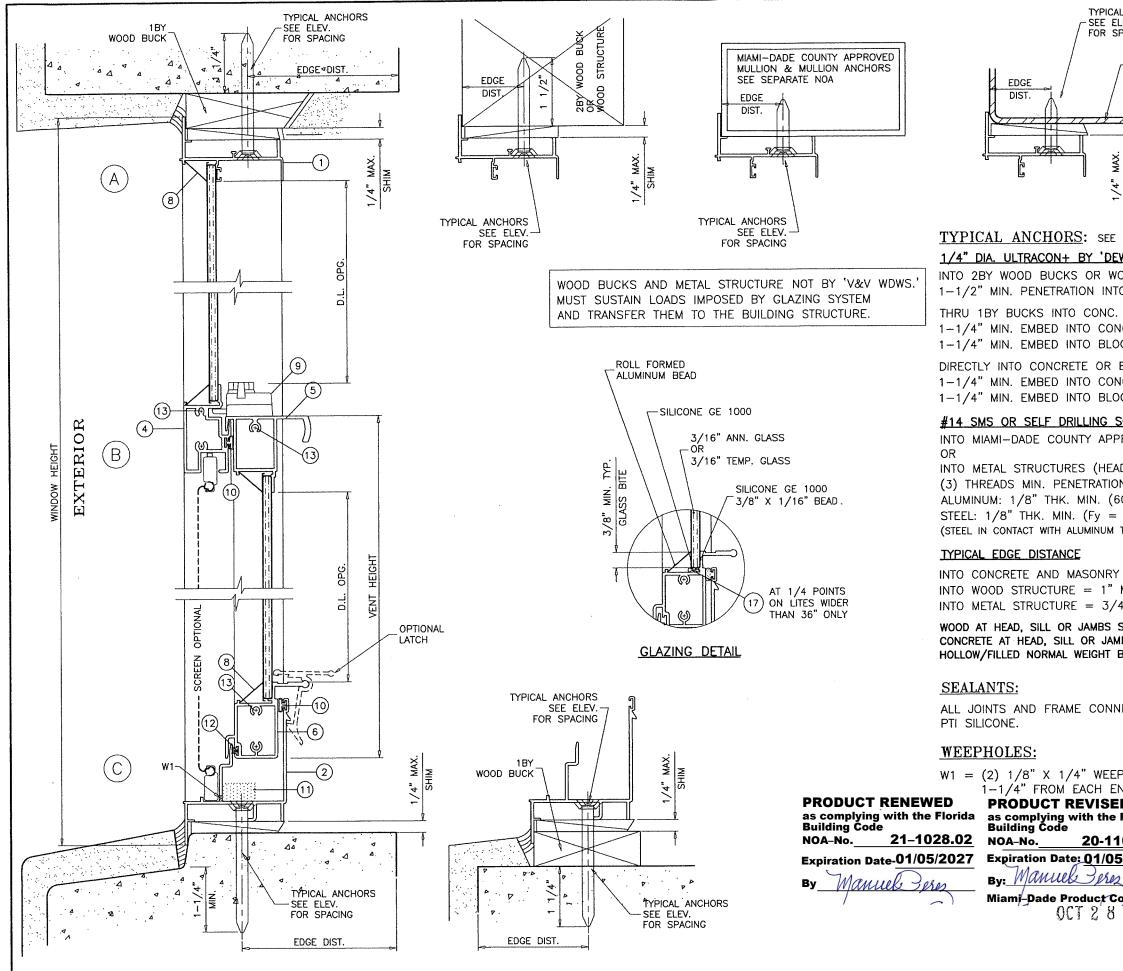


NOTE: GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219



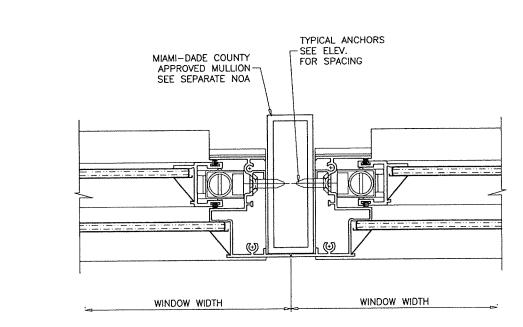


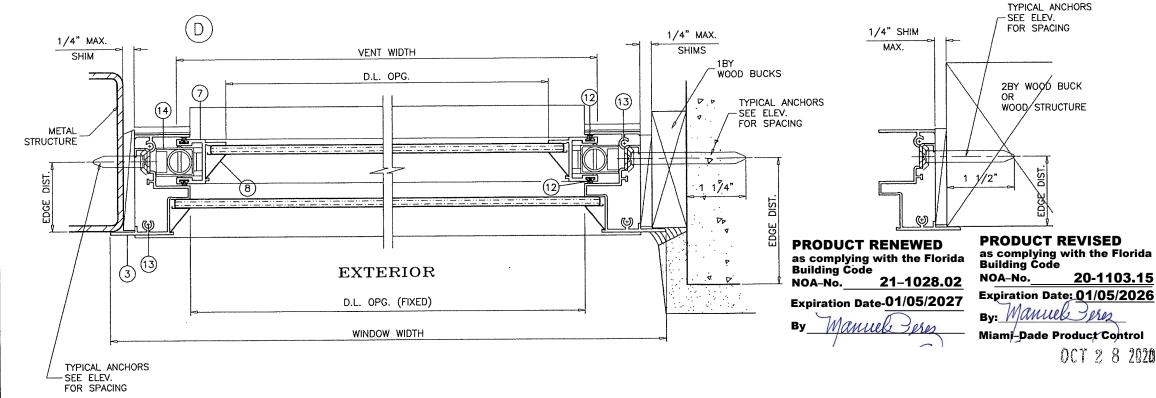
EQUAL LITES

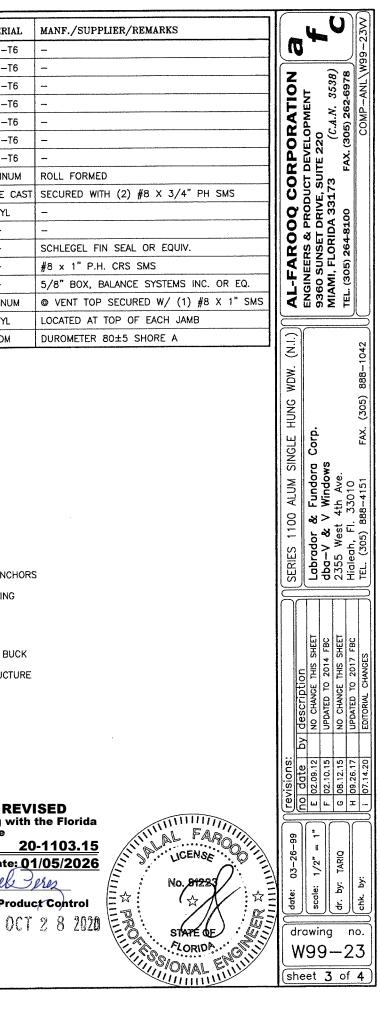


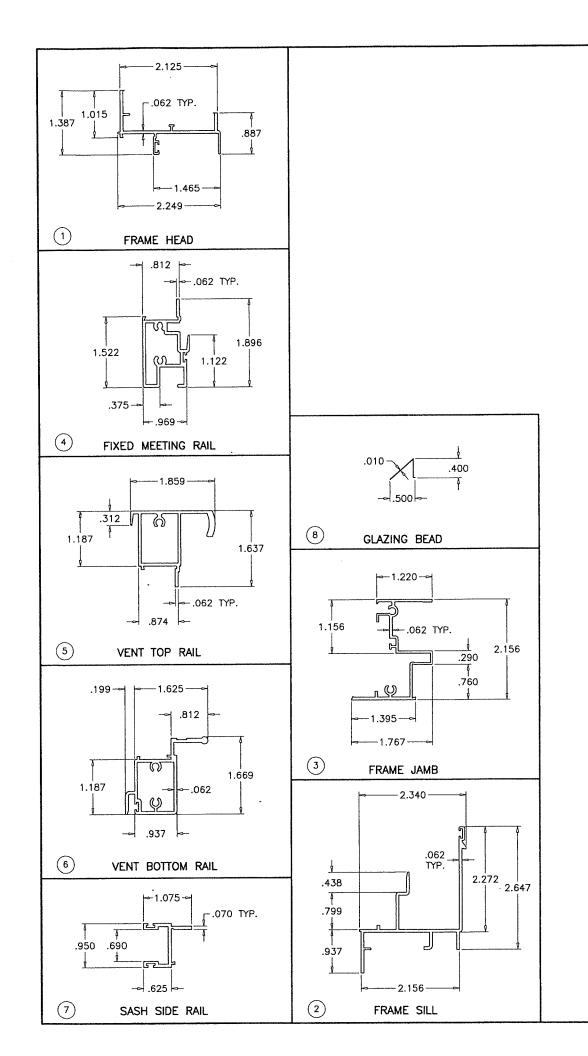
L ANCHORS EV. PACING	
METAL STRUCTURE	65×
	AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 (C.A.N. 3538) TEL. (305) 264-8100 FAX. (305) 262-6978 COMP-ANL/V
	<b>DRA</b> ELOPN 20 (C.A. (305) 3 CON
۵ 	AL-FAROOQ CORPORATIC ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 (C.A.N. 36 TEL. (305) 2648100 FAX. (305) 262-67 COMP-AN
SHIM	<b>CO</b> 0DUC NE. SI 173
1	AL-FAROOQ CO ENGINEERS & PRODUCT 9360 SUNSET DRIVE, SI MIAMI, FLORIDA 33173 TEL. (305) 264 8100
ELEV. FOR SPACING <b>WALT'</b> (Fu=164 KSI, Fy=148 KSI)	FLOF FLOF FLOF
DOD STRUCTURES O WOOD (HEAD/SILL/JAMBS)	<b>AL-F</b> AL-F (NGIN 3360 1 711AMI 711AMI FEL. (30
OR BLOCKS	
ICRETE (HEAD/SILL/JAMBS) CKS (JAMBS)	(N.I.) 1042
BLOCKS ICRETE (HEAD/SILL/JAMBS)	WDW. (N.I 888-1042
CKS (JAMBS)	HUNG . (305)
I <mark>CREWS</mark> (GRADE 2 CRS) ROVED MULLIONS	SERIES 1100 ALUM SINGLE HUNG WDW. (N.I.) Labrador & Fundora Corp. dba-V & V Windows 2355 West 4th Ave. Hialeah, FI. 33010 TEL. (305) 888-4151 FAX. (305) 888-1042
D/SILL/JAMBS)	SERIES 1100 ALUM SIN Labrador & Fundora dba-V & V Windows 2355 West 4th Ave. Hialeah, FL. 33010 TEL. (305) 888-4151
N BEYOND SUBSTRATE 063–T5 MIN.)	SERIES 1100 ALUM Labrador & Fundor dba-V & V Windov 2355 West 4th Ave. Hialeah, FI. 33010 TEL. (305) 888-4151
36 KSI MIN.) TO BE PLATED OR PAINTED)	ES 11( ador -V & b west iah, FI (305)
= 2-1/2" MIN.	SERIE Labr dba- 2355 2355 Hiale TEL.
— 2—172 MIN. MIN. 4" MIN.	
SG = 0.55 MIN.	SHEET FBC AMENTS FBC
BS f'c = 3000 PSI MIN. C-90 BLOCK AT JAMBS f'm = 2000 PSI MIN.	020 014 S
	description No chance THIS S UPDATED TO 2014 REV. PER RER COM UPDATED TO 2017 UPDATED TO 2017
ECTIONS SEALED WITH	by des No ( UPD/ UPD/ UPD/ UPD/
P SLOTS AT ND	revisions: no date E 02.09.12 F 02.10.15 G 08.12.15 H 09.26.17 i 07.14.20
	03-26-99 1/2" = 1 TARIQ
Dontrol 2020 2020 No. 81223	drawing no.
FLORIDA	W99-23
WINNIN SILL	sheet 2 of 4

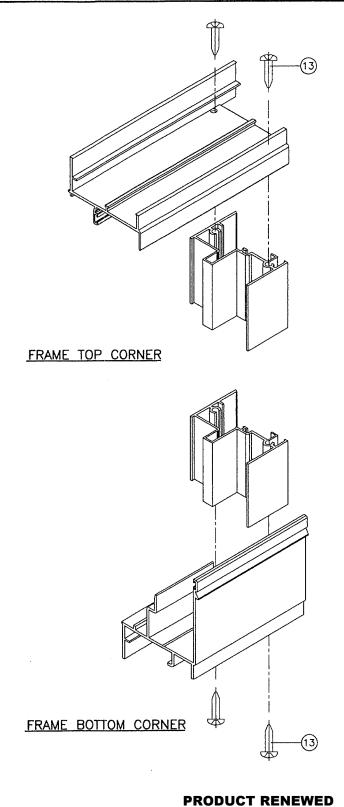
ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MA
1	VVW-4129A	1	FRAME HEAD	6063-T6	-
2	VVW-4135	1	FRAME SILL	6063-T6	-
3	VVW-4132	2	FRAME JAMB	6063-T6	-
4	V-1001	1	FIXED MTG. RAIL	6063-T6	
5	VVW-002	1	VENT TOP RAIL	6063–T6	
6	VVW-4136	1	VENT BOTTOM RAIL	6063 <b>-</b> T6	-
7	VVW-4133	2	VENT JAMB	6063-T6	-
8	-	AS REQD.	GLAZING BEAD	ALUMINUM	ROL
9	-	2/VENT	VENT LATCH @ 7 1/4" FROM ENDS	ZINC DIE CAST	SEC
10	-	1	BULB W'STRIPPING	VINYL	-
11		1/ WEEP	OPEN CELL FOAM	-	-
12		AS REQD.	PILE W'STRIPPING	-	SCH
13		AS REQD.	ASSEMBLY SCREWS	-	#8
14		2	BLOCK & TACKLE BALANCE	-	5/8
15		2	BALANCE TOP GUIDE (NOT SHOWN)	ALUMINUM	0
16		2	VENT STOP (NOT SHOWN)	VINYL	LOC
17	-	AS REQD.	SETTING BLOCKS	EPDM	DUI











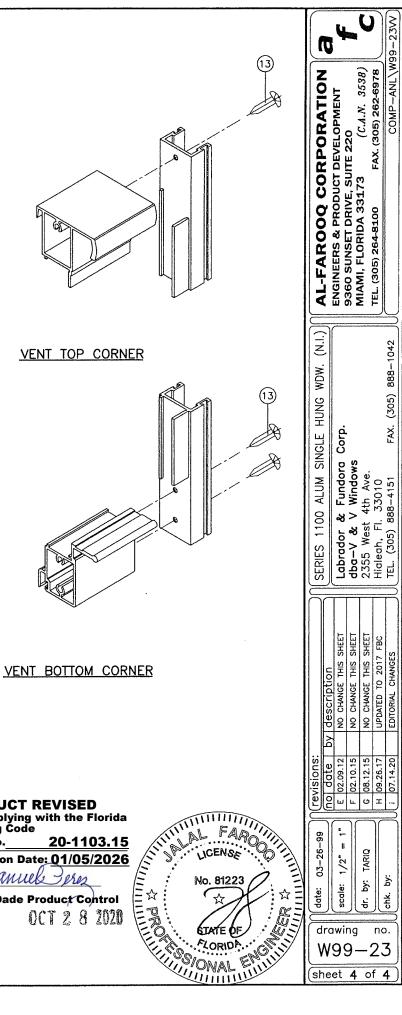
NOA-No.

By

Manuel

Jeres

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**PRODUCT REVISED** as complying with the Florida Building Code as complying with the Florida Building Code NOA-No. 21-1028.02 Expiration Date: 01/05/2026 Expiration Date-01/05/2027 By: Manuel Peres Miami-Dade Product Control