

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

NOTICE OF ACCEPTANCE (NOA)

PRODUCT CONTROL SECTION 11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599 www.miamidade.gov/building

MIAMI-DADE COUNTY

Labrador & Fundora Corp. dba V & V Windows 14150 NW 56th Court, Suite 600 Opa-Locka, FL 33054

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 J dated 06/07/23, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, 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: 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 revises NOA No. 21-1028.02 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

NOA No. 23-0620.08 Expiration Date: January 05, 2027 Approval Date: July 06, 2023

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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)
- 2. 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

3.

- 1. 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. (Submitted under NOA No. 21-1028.02)
- 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 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)
 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

1. Anchor verification calculations and structural analysis, complying with **FBC** 5th **Edition (2014)**, dated 02/06/15 and 08/11/15 and further updated on 10/22/20 to comply with **FBC** 7th **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

Pérez, P.E.
Product Control Examiner
NOA No. 23-0620.08

Expiration Date: January 05, 2027 Approval Date: July 06, 2023

Labrador & Fundora Corp. dba V & V Windows

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- 1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA'S (CONTINUED)
- 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** 7th **Edition (2020)** and of no financial interest, dated October 26, 2021, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
 - (Submitted under NOA No. 21-1028.02)
- 2. 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. **20-1103.15**, issued to Labrador & Fundora Corp. dba V & V Windows for their Series "1100" Aluminum Single Hung Window - N.I., approved on 03/25/21 and expiring on 01/05/22.

Manuel Pérez, P.E. Product Control Examiner NOA No. 23-0620.08

Expiration Date: January 05, 2027 Approval Date: July 06, 2023

Labrador & Fundora Corp. dba V & V Windows

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. 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 **J** dated 06/07/23, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

B. TESTS

1. None.

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 7th Edition (2020), with FBC 8th Edition (2023) and of no financial interest, dated June 07, 2023, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

G. OTHERS

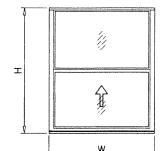
1. Notice of Acceptance No. **21-1028.02**, issued to Labrador & Fundora Corp. dba V & V Windows for their Series "1100" Aluminum Single Hung Window - N.I., approved on 11/24/21and expiring on 01/05/27.

Manuel Perez, P.E. Product Control Examiner NOA No. 23-0620.08

Expiration Date: January 05, 2027 Approval Date: July 06, 2023

EQUAL LITES WINDOWS DESIGN LOAD CAPACITY - PSF						
WINDO	W DIMS.	3/16" ANN. GLASS		3/16" TEMP. GLASS		
WIDTH (W)	HEIGHT (H)	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	
19-1/8"		65.0	90.0	65.0	90.0	
26-1/2"		65.0	90.0	65.0	90.0	
37"	26"	65.0	90.0	65.0	90.0	
42"	(4)	65.0	90.0	65.0	90.0	
48"		65.0	90.0	65.0	90.0	
53-1/8"		65.0	90.0	65.0	90.0	
19-1/8"		65.0	90.0	65.0	90.0	
26-1/2"		65.0	90.0	65.0	90.0	
37"	38-3/8"	65.0	90.0	65.0	90.0	
42"	(5)	65.0	90.0	65.0	90.0	
48"		65.0	87.1	65.0	90.0	
53-1/8"		65.0	76.8	65.0	90.0	
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	86.4	65.0	90.0	
48"		65.0	71.7	65.0	90.0	
53-1/8"		62.6	62.6	65.0	81.4	
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	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	
37"	63"	65.0	90.0	65.0	90.0	
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	

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



DLO HT. = WDW. HT/2 - 3.625 DLO W = WDW. W - 3.625

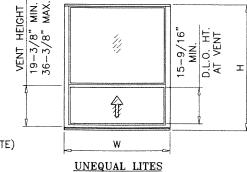
DLO: EQUAL LITES

EQUAL LITES

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

UNEQUAL LITES (ORIEL TYPES) WINDOWS DESIGN LOAD CAPACITY - PSF						
WINDO	W DIMS.	3/16" AN	NN. GLASS	3/16" TEMP. GLASS		
WIDTH (W)	HEIGHT (H)	EXT.(+) 1NT.(-)		EXT.(+)	1NT.(-)	
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"	60"	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.



DLO: ORIEL SIZES DLO HT. = WDW. HT-VENT DLO HT-7.250 (FIX LITE) DLO 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 2020 (7TH EDITION)/2023 (8TH 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.

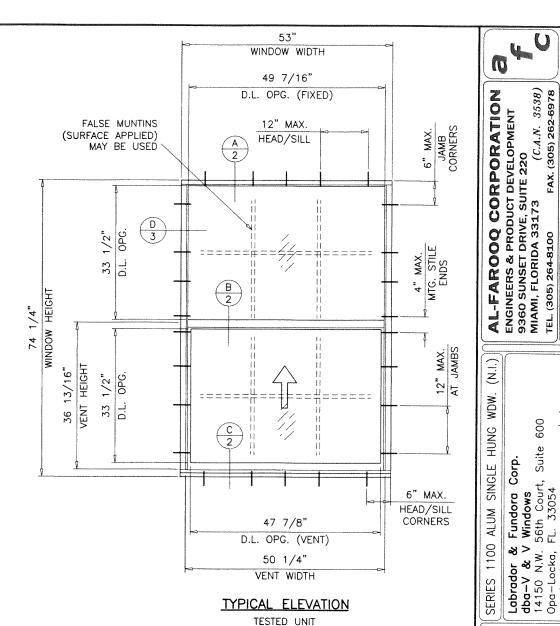
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY. ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2020/2023 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)'.



WINDOWS NOT RATED FOR IMPACT.

INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA REQUIRES THE USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES COMPLYING WITH HVHZ REQUIREMENTS.

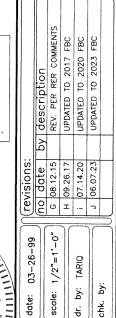
INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA SHALL MEET THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

PRODUCT REVISED As complying with the Florida Building Code 23-0620.08 NOA-No. Expiration Date: <u>01/05/2027</u> By: Manuel Perez

Miami-Dade Product Control

JUN 1 3 ZUZJ





drawing no.

W99 - 23

sheet 1 of 4

HUNG

ALUM

1100

SERIES

Corp.

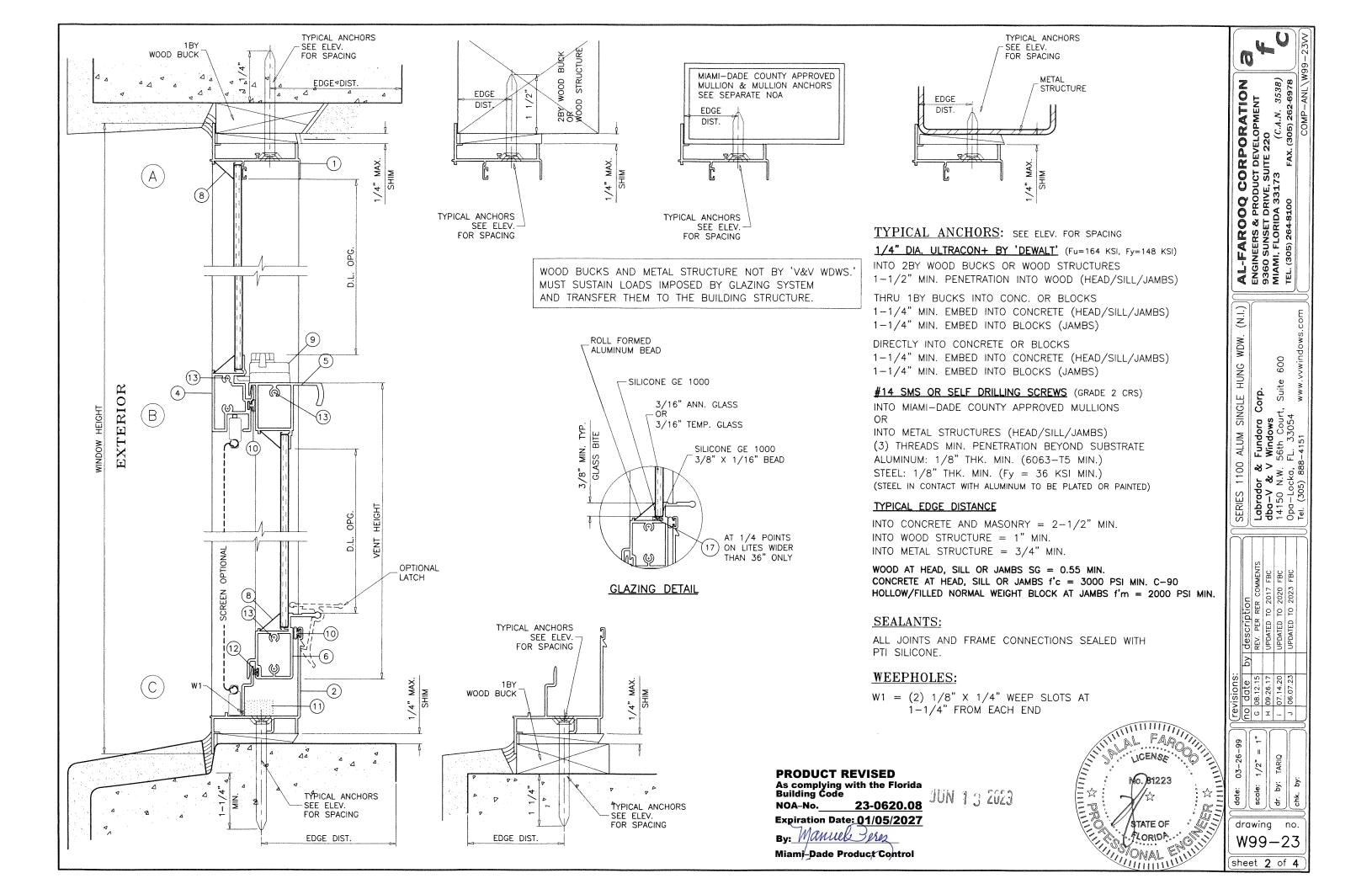
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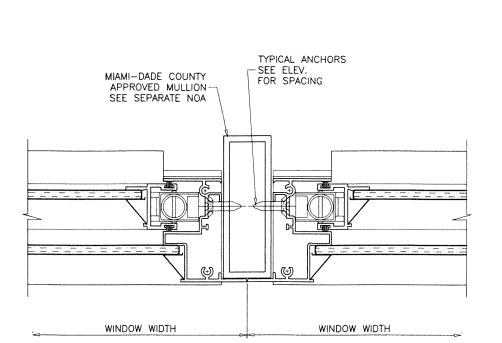
Suite

: Fundora Cor / Windows 56th Court, \$ FL. 33054

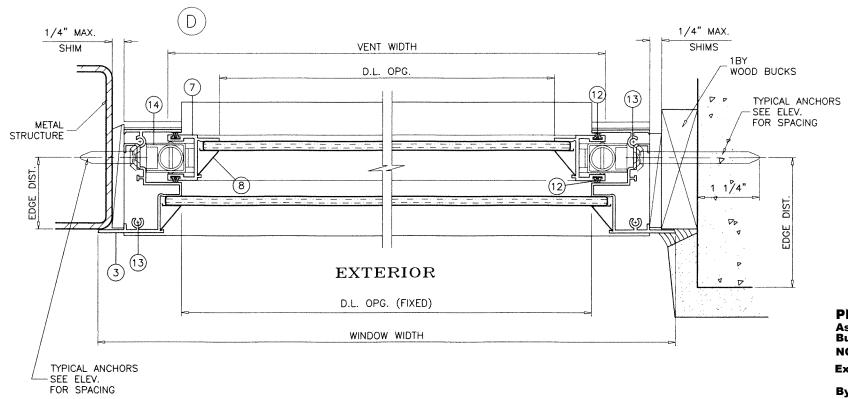
Labrador & dba-V & V 14150 N.W. 90pa-Locka, Fel. (305) 888

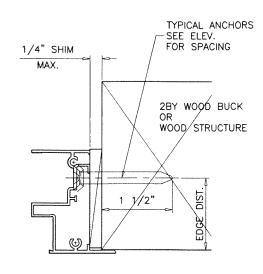
(C.A.N. 3538) FAX. (305) 262-6978





ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
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-T6	-
7	VVW-4133	2	VENT JAMB	6063-T6	
8		AS REQD.	GLAZING BEAD	ALUMINUM	ROLL FORMED
9		2/VENT	VENT LATCH @ 7 1/4" FROM ENDS	ZINC DIE CAST	SECURED WITH (2) #8 X 3/4" PH SMS
10		1	BULB W'STRIPPING	VINYL	
11	Mount	1/ WEEP	OPEN CELL FOAM	_	_
12	-	AS REQD.	PILE W'STRIPPING	_	SCHLEGEL FIN SEAL OR EQUIV.
13		AS REQD.	ASSEMBLY SCREWS	_	#8 x 1" P.H. CRS SMS
14		2	BLOCK & TACKLE BALANCE	****	5/8" BOX, BALANCE SYSTEMS INC. OR EQ.
15		2	BALANCE TOP GUIDE (NOT SHOWN)	ALUMINUM	@ VENT TOP SECURED W/ (1) #8 X 1" SMS
16	_	2	VENT STOP (NOT SHOWN)	VINYL	LOCATED AT TOP OF EACH JAMB
17		AS REQD.	SETTING BLOCKS	EPDM	DUROMETER 80±5 SHORE A

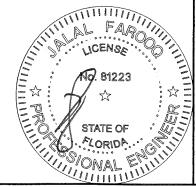




PRODUCT REVISED
As complying with the Florida
Building Code

23-0620.08 NOA-No. Expiration Date: <u>01/05/2027</u>

By: Manuel Perez Miami-Dade Product Control



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	AL-FAROOQ CORPORATION	PORATION
	ENGINEERS & PRODUCT DEVELOPMENT	EVELOPMENT
	9360 SUNSET DRIVE, SUITE 220	E 220
	MIAMI, FLORIDA 33173	(C.A.N. 3538
	TEL. (305) 264-8100 F	FAX. (305) 262-697
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SERIES 1100 ALUM SINGLE HUNG WDW. (h
Labrador & Fundora Corp.
dba-V & V Windows
14150 N.W. 56th Court, Suite 600
Opa-Locka, FL. 33054
Tel. (305) 888-4151 www.vvwindows.cc

(N.I.)

		HEET	FBC		FBC	
	c	NO CHANGE THIS SHEET	UPDATED TO 2017 FBC	EDITORIAL CHANGES	UPDATED TO 2023 FBC	
	otio	GE T	10	₽ E	10	
	Scri	CHAN	4TED	ORIAL	ATED	
	by description	ON	UPD,	EDIT	UPD	
	by					
ns:	te	2.15	5.17	t.20	7.23	
revisions:	no date	G 08.12.15	Н 09.26.17	07.14.20	J 06.07.23	
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drawing no.

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