



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

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

Labrador & Fundora Corp.
dba V & V Windows
2355 W. 4th Avenue
Hialeah, FL 33010

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 "1000" Aluminum Fixed Window - N.I.

APPROVAL DOCUMENT: Drawing No. W07-98, titled "Series 1000 Alum. Fixed Window (N.I.)", sheets 1 through 3 of 3, dated 11/19/07, with revision dated 08/04/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, 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, 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. 12-1113.07 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

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



MP
7/8/15

NOA No. 15-0209.07
Expiration Date: February 07, 2018
Approval Date: August 13, 2015
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 07-1130.07)
2. Drawing No. **W07-98**, titled "Series 1000 Alum. Fixed Window (N.I.)", sheets 1 through 3 of 3, dated 11/19/07, with revision dated 08/04/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, 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 202-94along with marked-up drawings and installation diagram of a 1000 series fixed non-impact window, prepared by American Test Lab of South Florida, Inc., Test Report No. **ATLSF-0709.01-07**, dated 10/12/07, signed and sealed by William R. Mehner, P. E. and by Henry Hattem, P. E.
(Submitted under NOA No. 07-1130.07)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 5th Edition (2014)**, dated 01/21/15 and 07/31/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P. E.
2. **Glazing complies with ASTM E1300-09**

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 to, of complying with **FBC 5th Edition (2014)**, and of no financial interest, dated 01/21/15, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P. E.
2. Laboratory compliance letter for Test Report No. **ATLSF-0709.01-07**, dated 10/12/07, signed and sealed by William R. Mehner, P. E. and Henry Hattem, P. E.
(Submitted under NOA No. 07-1130.07)

G. OTHERS

1. Notice of Acceptance No. **12-1113.07**, issued to Labrador & Fundora Corp. dba V & V Windows, for their Series "1000 Aluminum Fixed Window - N.I.", approved on 01/24/13 and expiring on 02/07/18.



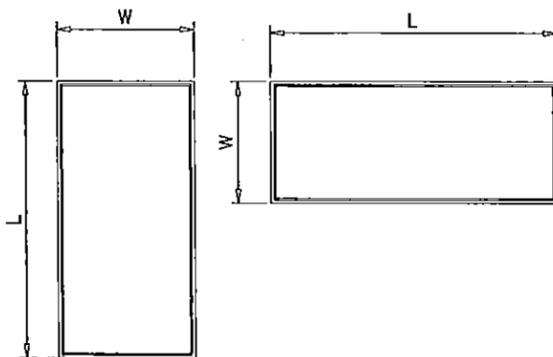
Manuel Perez, P.E.
Product Control Examiner
NOA No. 15-0209.07

Expiration Date: February 07, 2018
Approval Date: August 13, 2015

DESIGN LOAD CAPACITY - PSF				
WINDOW DIMS.		1/4" TEMP. GLASS		
WIDTH	LENGTH	EXT.(+)	INT.(-)	
30"	60"	100.0	120.0	
33"		100.0	117.9	
36"		100.0	112.0	
39"		100.0	107.2	
42"		100.0	103.4	
45"		100.0	100.3	
48"		96.7	96.7	
51"		91.0	91.0	
54"		85.9	85.9	
57"		81.4	81.4	
60"		77.3	77.3	
63"		77.3	77.3	
66"		77.3	77.3	
69"		77.3	77.3	
30"	63"	100.0	120.0	
33"		100.0	115.8	
36"		100.0	109.7	
39"		100.0	104.8	
42"		100.0	100.8	
45"		97.5	97.5	
48"		95.0	95.0	
51"		91.0	91.0	
54"		85.9	85.9	
57"		81.4	81.4	
60"		77.3	77.3	
63"		73.7	73.7	
66"		73.7	73.7	
30"		69"	100.0	120.0
33"	100.0		112.4	
36"	100.0		106.0	
39"	100.0		100.9	
42"	96.6		96.6	
45"	93.0		93.0	
48"	90.1		90.1	
51"	87.8		87.8	
54"	85.8		85.8	
57"	81.4		81.4	
60"	77.3		77.3	
30"	72"		100.0	118.8
33"			100.0	110.9
36"			100.0	104.5
39"		99.2	99.2	
42"		94.8	94.8	
45"		91.2	91.2	
48"		88.2	88.2	
51"		85.7	85.7	
54"		83.6	83.6	
57"		81.4	81.4	

DESIGN LOAD CAPACITY - PSF				
WINDOW DIMS.		1/4" TEMP. GLASS		
WIDTH	LENGTH	EXT.(+)	INT.(-)	
30"	75"	100.0	117.6	
33"		100.0	109.6	
36"		100.0	103.1	
39"		97.8	97.8	
42"		93.3	93.3	
45"		89.6	89.6	
48"		86.4	86.4	
51"		83.8	83.8	
54"		81.6	81.6	
57"		79.8	79.8	
30"		78"	100.0	116.4
33"			100.0	108.4
36"			100.0	101.9
39"			96.5	96.5
42"	91.9		91.9	
45"	88.1		88.1	
48"	84.9		84.9	
51"	82.2		82.2	
54"	79.9		79.9	
30"	81"		100.0	115.4
33"			100.0	107.4
36"			100.0	100.8
39"			95.3	95.3
42"			90.7	90.7
45"		86.8	86.8	
48"		83.5	83.5	
51"		80.7	80.7	
30"		84"	100.0	114.5
33"			100.0	106.4
36"			99.8	99.8
39"			94.2	94.2
42"			89.6	89.6
45"			85.6	85.6
48"	82.3		82.3	
51"	79.4		79.4	
30"	87"		100.0	113.6
33"			100.0	105.5
36"			98.8	98.8
39"			93.3	93.3
42"			88.6	88.6
45"			84.6	84.6
48"		81.2	81.2	
30"		90"	100.0	112.9
33"			100.0	104.7
36"			98.0	98.0
39"			92.4	92.4
42"			87.6	87.6
45"			83.6	83.6

DESIGN LOAD CAPACITY - PSF			
WINDOW DIMS.		1/4" TEMP. GLASS	
WIDTH	LENGTH	EXT.(+)	INT.(-)
30"	93"	100.0	112.1
33"		100.0	103.9
36"		97.2	97.2
39"		91.5	91.5
42"		86.8	86.8
45"		82.7	82.7
30"	96"	100.0	111.5
33"		100.0	103.2
36"		96.5	96.5
39"		90.8	90.8
42"		86.0	86.0



NOTE:
WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.

SERIES 1000 ALUMINUM FIXED WINDOW

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF FIXED/FIXED OR FIXED WITH OTHER MIAMI-DADE COUNTY APPR'D WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

DESIGN LOAD RATING FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ABOVE.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

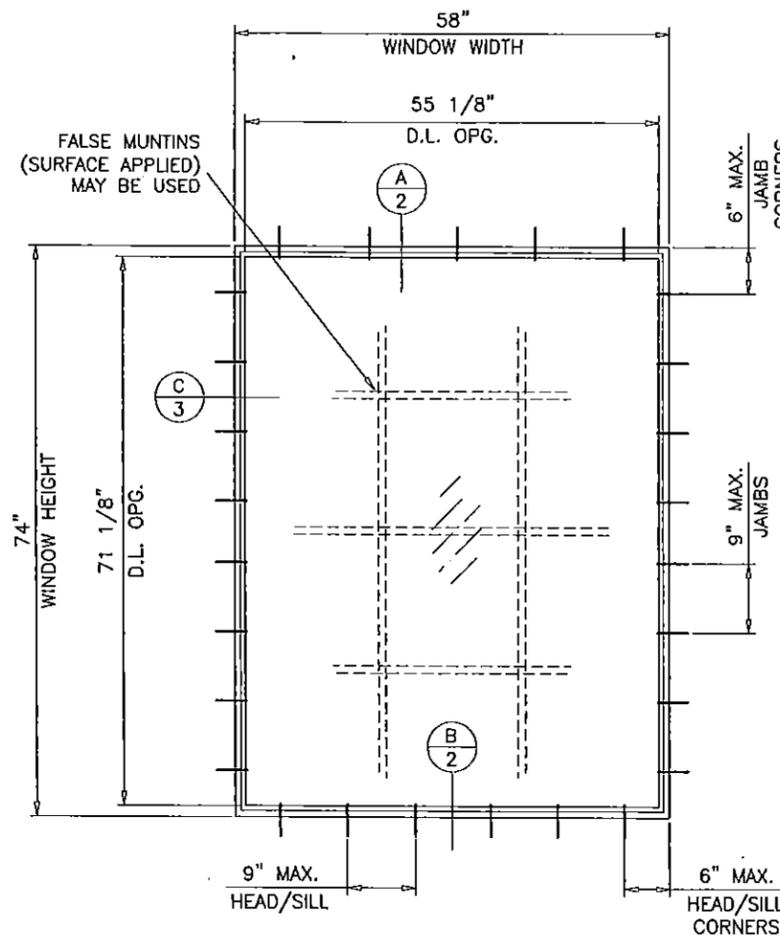
ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

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 FLORIDA BLDG. CODE.

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS).



TYPICAL ELEVATION
TESTED UNIT

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **15-0209.07**
Expiration Date **02/07/2018**
By *Mauro Lopez*
Miami Dade Product Control

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.

Engr: JAVAD AHMAD
CML
FLA. PE # 70592
C.A.N. 3538
[Signature]
AUG 04 2015

af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 262-6978 FAX. (305) 262-6978
COMP-ANL\W07-98W

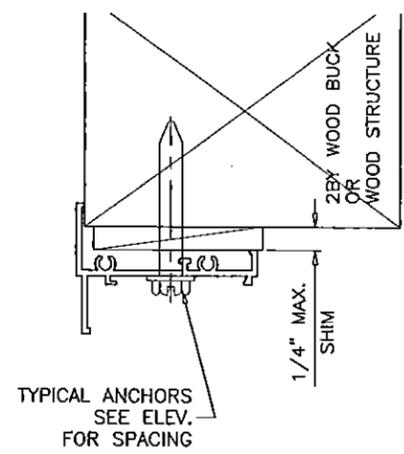
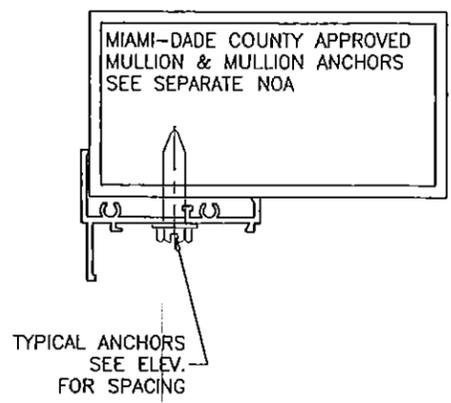
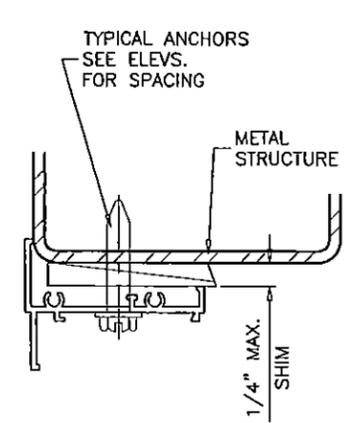
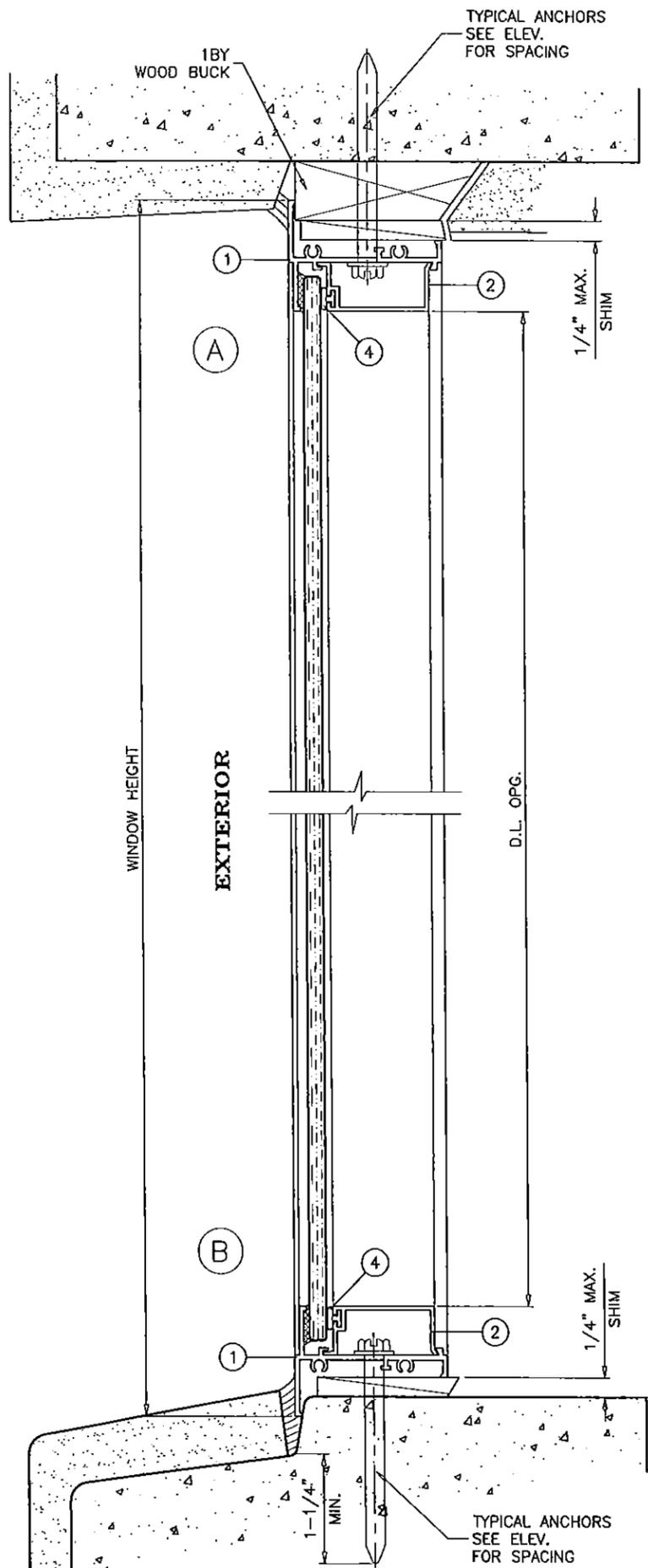
SERIES 1000 ALUM FIXED WINDOW (N.I.)
Labrador & Fundora Corp.
dba-V & V Windows
2355 West 4th Ave.
Hialeah, FL 33010
TEL. (305) 888-4151 FAX. (305) 888-1042

NO	DATE	DESCRIPTION
A	02.10.12	UPDATED TO 2010 FBC
B	01.22.15	UPDATED TO 2014 FBC

date: 11-19-07
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W07-98

sheet 1 of 3



WOOD BUCKS AND METAL STRUCTURE NOT BY LABRADOR & FUNDORA CORP. dba-V & V WINDOWS MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

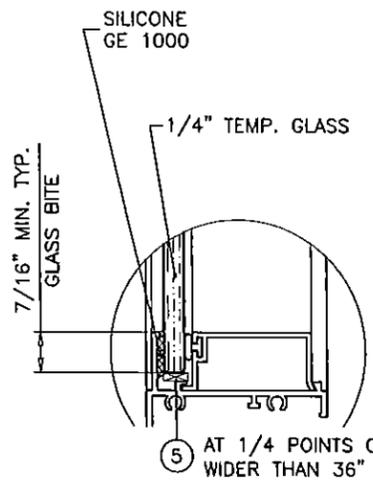
1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI) INTO 2BY WOOD BUCKS OR WOOD STRUCTURES 1-1/2" MIN. PENETRATION INTO WOOD THRU 1BY BUCKS INTO CONC. OR MASONRY 1-1/4" MIN. EMBED INTO CONC. OR MASONRY DIRECTLY INTO CONC. OR MASONRY 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS) INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8") INTO METAL STRUCTURES STEEL : 1/8" THK. MIN. (Fy = 36 KSI MIN.) ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.) (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2 1/2" MIN.
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.
CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.



GLAZING DETAIL

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 15-0209.07 Expiration Date 02/27/2018

By *Wahmed Jass* Miami Dade Product Control

Engr: JAVAD AHMAD CIVIL FLA. PE # 70592 C.A.N. 3538

AUG 04 2015

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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
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COMP-ANL W07-98W

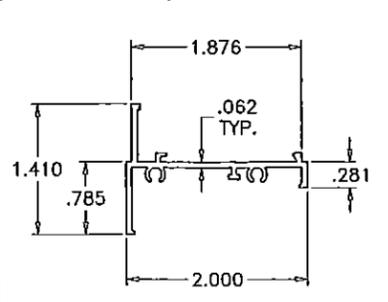
SERIES 1000 ALUM FIXED WINDOW (N.I.)

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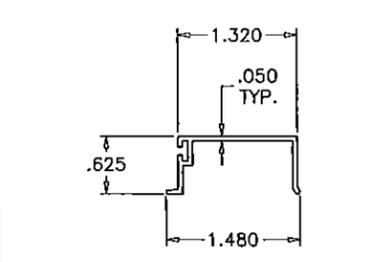
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A	02.10.12		NO CHANGE THIS SHEET
B	01.22.15		UPDATED TO 2014 FBC

date: 11-19-07
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no. W07-98
sheet 2 of 3

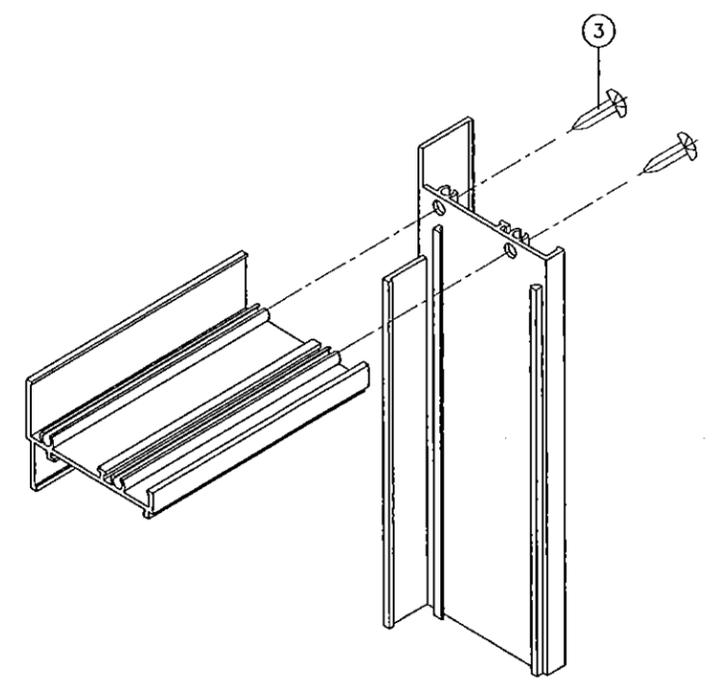
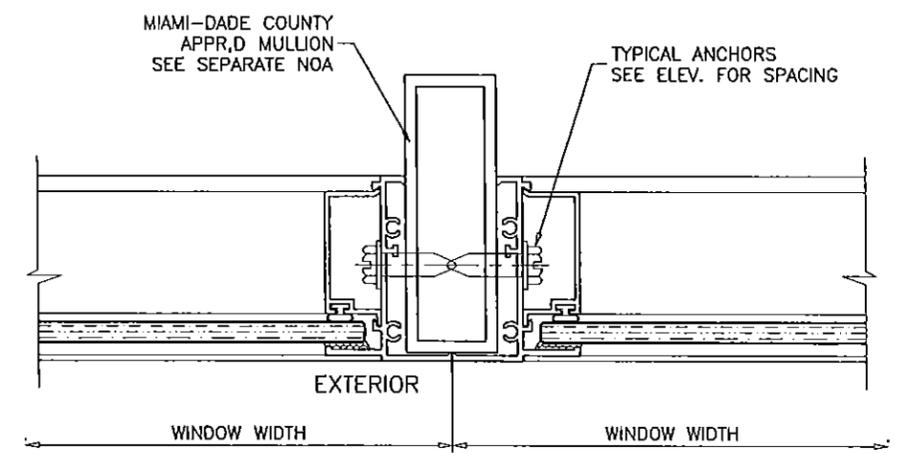


① WINDOW FRAME

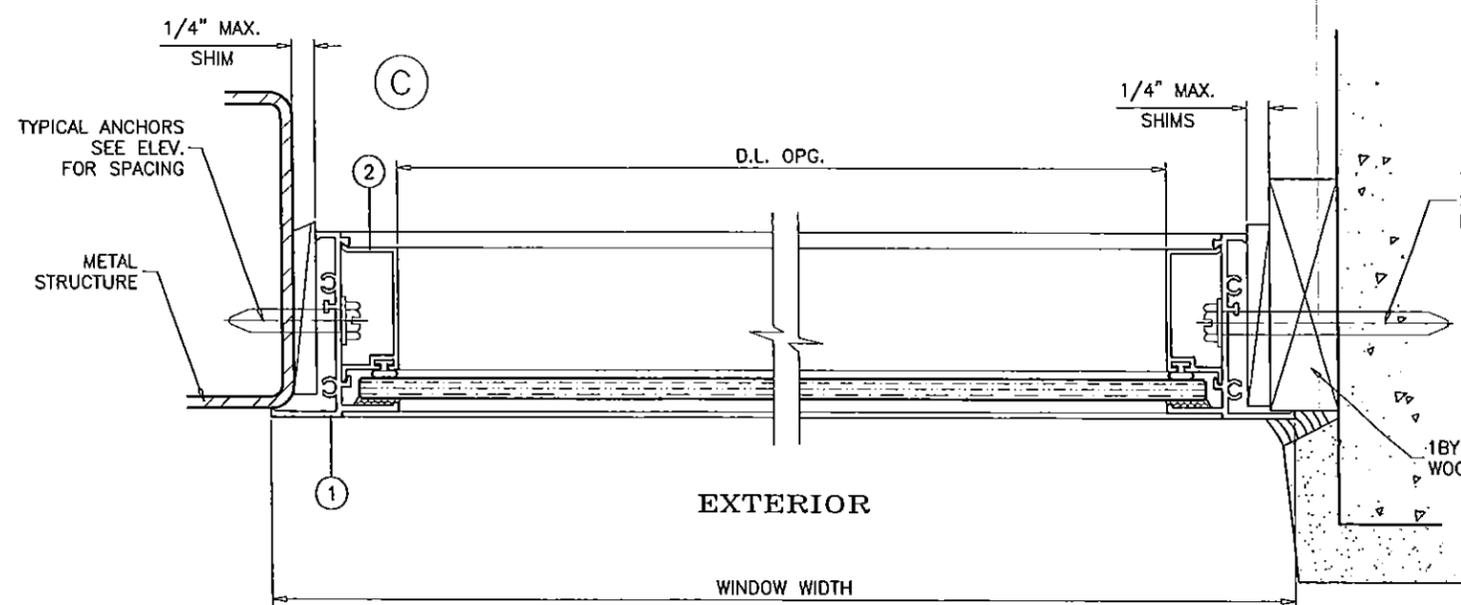


② GLAZING STOP

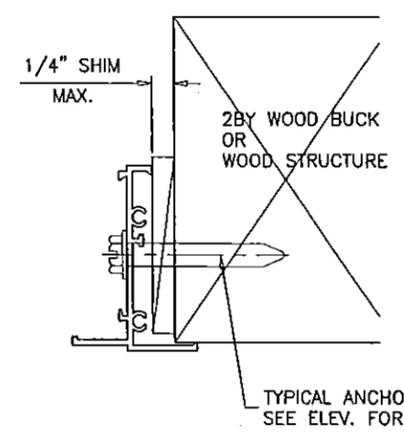
ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	BA4263	4	WINDOW FRAME	6063-T5	-
2	BA4262	4	GLAZING STOP	6063-T5	-
3	#8 X 1"	2/ CORNER	FRAME ASSEMBLY SCREWS	-	PH SMS
4	-	AS REQD.	GLAZING GASKET	VINYL	-
5	-	AS REQD.	SETTING BLOCKS	EPDM	DUROMETER 80±5 SHORE A



TYPICAL CORNER CONSTRUCTION



TYPICAL ANCHORS
SEE ELEV.
FOR SPACING



TYPICAL ANCHORS
SEE ELEV. FOR SPACING

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0209.07
Expiration Date 02/07/2018
By *Manuel*
Miami Dade Product Control

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
[Signature]
AUG 4 2015

afC
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W07-98V

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TEL. (305) 888-4151 FAX. (305) 888-1042

no	date	by	description
A	02.10.12		NO CHANGE THIS SHEET
B	01.22.15		UPDATED TO 2014 FBC

date: 11-19-07
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W07-98
sheet 3 of 3