



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

www.buldingcodeonline.com

Labrador & Fundora Corp. dba V & V Windows
2355 W 4th Ave.
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 by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) 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 Division (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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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

APPROVAL DOCUMENT: Drawing No. **W07-98**, titled "Series 1000 Alum. Fixed Window (N.I.)", sheets 1 through 3 of 3, dated 11/19/07, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state 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 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.**



NOA No. 07-1130-07
Expiration Date: February 7, 2013
Approval Date: February 7, 2008
Page 1

Labrador & Fundora dba V & V Windows

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **W07-98**, Sheets 1 through 3 of 3, titled "Series 1000 Alum. Fixed Window (N.I.)", dated 11/19/07, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test,
2) Uniform Static Air Pressure Test,
3) Water Resistance Test,
along with marked-up drawings and installation diagram of an aluminum fixed window, glazed with 1/4" temp. glass, prepared by American Test Lab of South Florida, 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.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004, prepared by Al-Farooq Corporation, dated 11/19/07, signed and sealed by Humayoun Farooq, P.E.
Complies with ASTM E1300-02

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. None..

F. STATEMENTS

1. Statement letter of conformance, dated November 15, 2007, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, dated November 15, 2007, signed and sealed by Humayoun Farooq, P.E.
3. Laboratory compliance letter for Test Report no. ATLSF- 0709.01-07, issued by American Test Lab of South Florida dated 10/12/07, signed and sealed by William R. Mehner, P.E. and Henry Hattem, P.E.

G. OTHER

1. None.



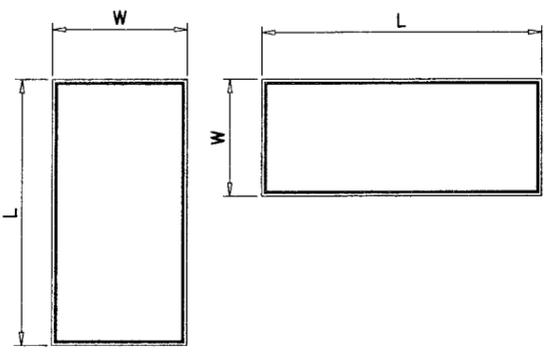
Manuel Perez, P.E.
Product Control Examiner
NOA No. 07-0605.02

Expiration Date: December 24, 2011
Approval Date: August 17, 2007

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 2004 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

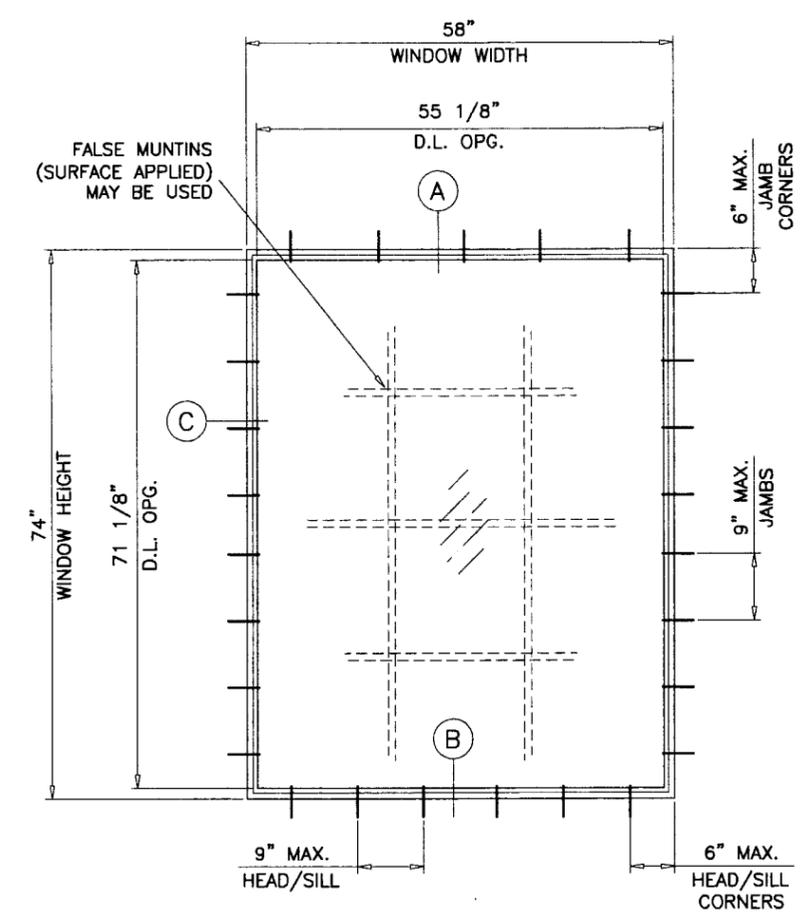
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

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 IN ALLOWABLE STRESS IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2004 FLORIDA BLDG. CODE SECTION 2003.8.4.



TYPICAL ELEVATION
TESTED UNIT

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. DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

Approved as complying with the Florida Building Code
Date FEB. 8 2008
NOA# 07-1130.07
Miami Dade Product Control Division
By *[Signature]*

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-02 (3 SEC. GUSTS).

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

SERIES 1000 ALUM FIXED WINDOW (N.I.)
V & V WINDOWS MFG.
2690 WEST 3RD CT.
HIALEAH, FL. 33010
TEL. (305) 888-4151 FAX. (305) 888-1042

revisions:	no	date	by	description

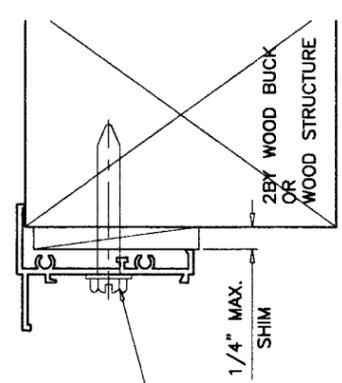
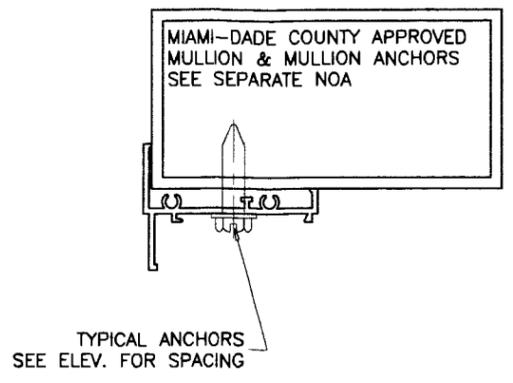
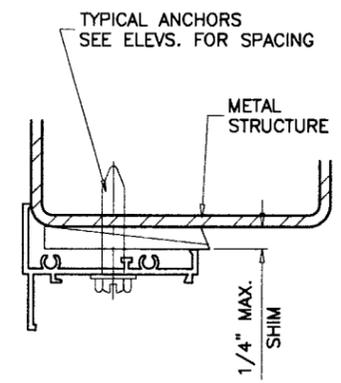
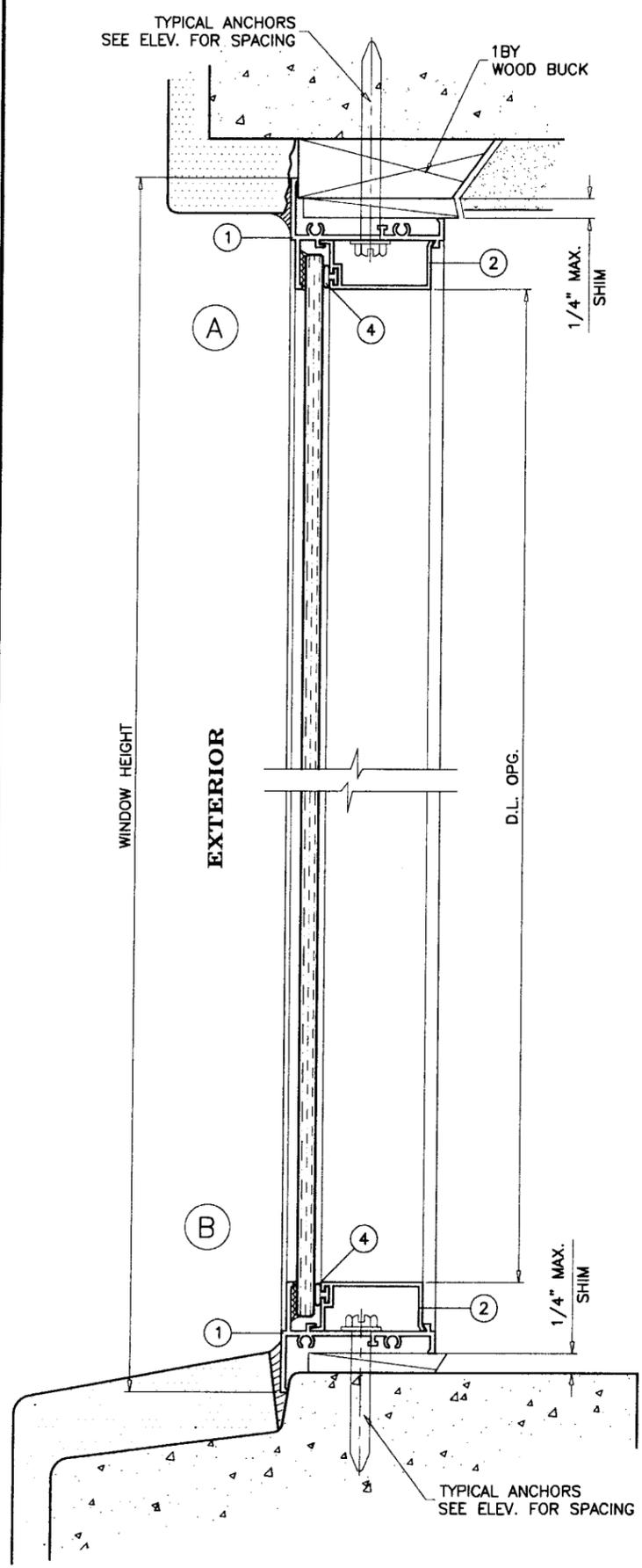
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scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no. **W07-98**
sheet 1 of 3

no	date	by	description

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

drawing no.
W07-98
 sheet 2 of 3



WOOD BUCKS AND METAL STRUCTURE NOT BY 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" TAPCONS BY 'ELCO'

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-3/8" 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

INTO METAL STRUCTURES

STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)

ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

#14 SMS OR SELF DRILLING SCREWS

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")
 (NO SHIM SPACE)

TYPICAL EDGE DISTANCE

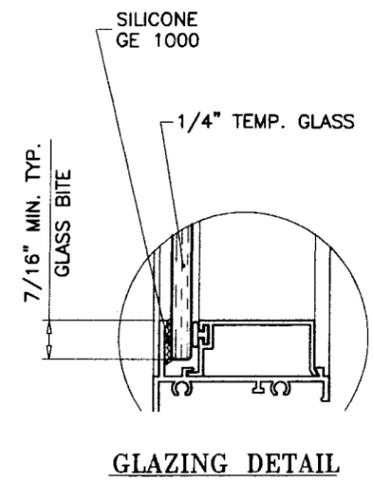
INTO CONCRETE AND MASONRY = 1" MIN.

INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 1/2" MIN.

SEALANTS:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH ACRYLIC CAULK UN1993 BY 'SCHNEE MOREHEAD'.



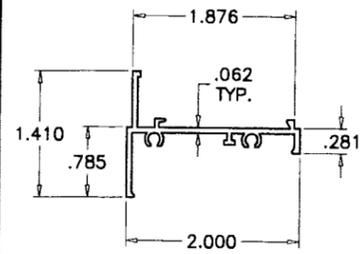
Engr: DR. HUMAYOON FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538

Approved as complying with the Florida Building Code
 Date: **FEB. 8, 2008**
 NOA# **07-1130.07**
 Miami Dade Product Control Division
 By: *Manuel Perez*

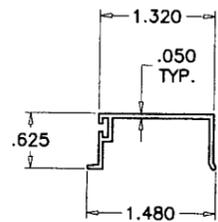
NOV 20 2007

GLAZING DETAIL

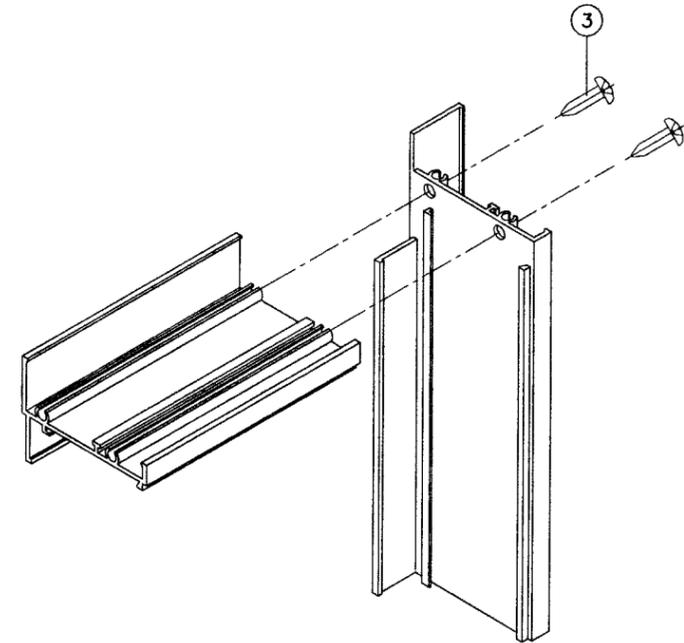
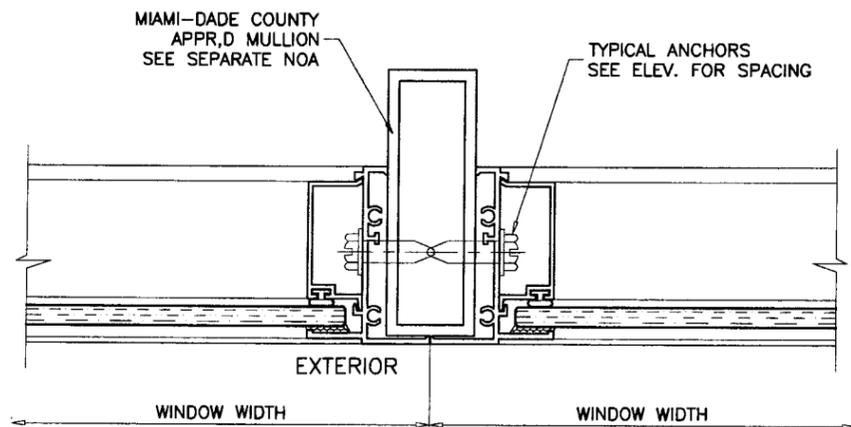
ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	BA4263	4	WINDOW FRAME	6063-T5	-
2	BA4262	4	GLAZING STOP	6063-T5	-
3	#8 X 1"	2/ CORNER	FRAME ASSEMBLY SCREWS	-	PH SMS
4	-	AS REQD.	GLAZING GASKET	VINYL	-



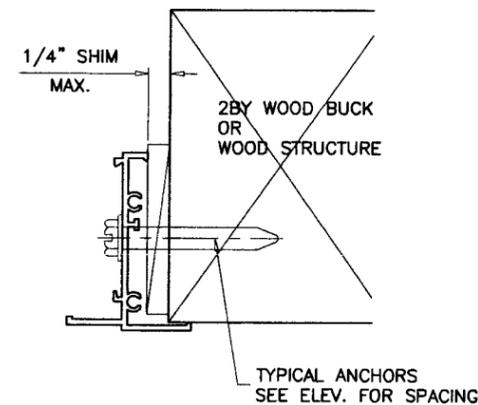
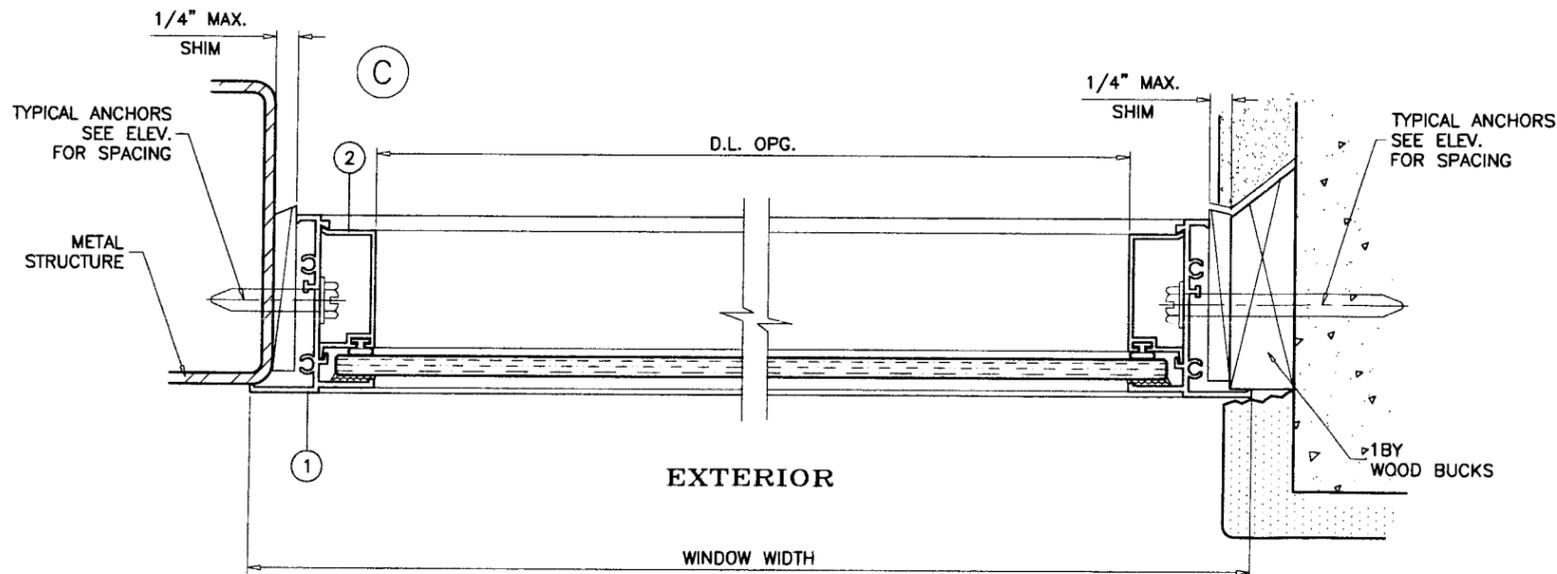
① WINDOW FRAME



② GLAZING STOP



TYPICAL CORNER CONSTRUCTION



Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

NOV 20 2007

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By *[Signature]*

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no.	date	by description

date: 11-19-07
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sheet 3 of 3