



**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) 372-6339**

NOTICE OF ACCEPTANCE (NOA)

www.maimidade.gov/buildingcode

**Universal Impact Windows & Doors, Inc.
1675 West 31st Place
Hialeah, FL 33012**

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 7000 Aluminum Fixed Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. W07-18, titled “S-7000 Aluminum Fixed Window (L.M.I.)”, sheets 1 through 3 of 3, dated 03/05/07, 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: Large and Small Missile Impact Resistant

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. 08-0206.03
Expiration Date: June 5, 2013
Approval Date: June 5, 2008
Page 1**

Universal Impact Windows and Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **W07-18**, Sheets 1 through 5 of 5, titled "S-7000 Aluminum Fixed Window (L.M.I.)", dated 03/05/07, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, 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 marked-up drawings and installation diagram of a series 7000 aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc. Test Report No. **FTL-4673**, dated 04/07/06, signed and sealed by Edmundo Largaespada, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004, prepared by Al-Farooq Corporation, dated 11/14/07, 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

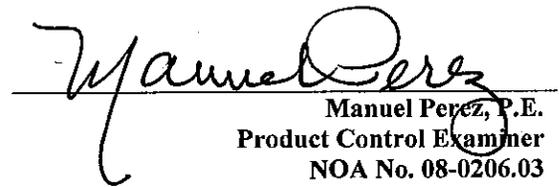
1. Notice of Acceptance No. **07-1116.04** issued to E.I. DuPont DeNemours & CO., Inc. for "**DuPont Sentry Glass Plus**" dated 01/03/08, expiring on 01/14/12.
2. Notice of Acceptance No. **06-0216.06** issued to Solutia Inc. for their "**Saflex III Clear or colored Interlayer**" dated 05/04/06, expiring on 05/21/11.
3. Notice of Acceptance No. **03-0225.10** issued to Glasslam NGI Inc. for their "**Safety-Plus II - Laminated Glass**" dated 08/07/03, expiring on 08/07/08.

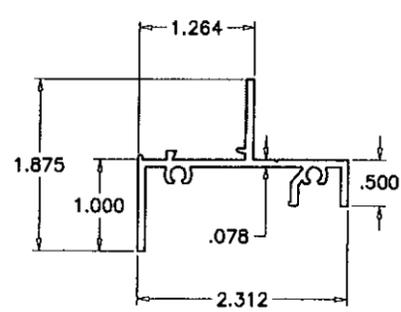
F. STATEMENTS

1. Statement letter of conformance, dated March 3, 2007, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, dated March 3, 2007, signed and sealed by Humayoun Farooq, P.E.
3. Laboratory compliance letter for Test Report No. **FTL-4673**, issued by Fenestration Testing Laboratory, Inc., dated 01/26/07, signed and sealed by Edmundo Largaespada, P.E.

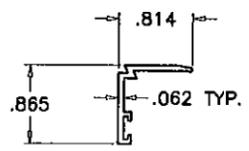
G. OTHER

1. None.

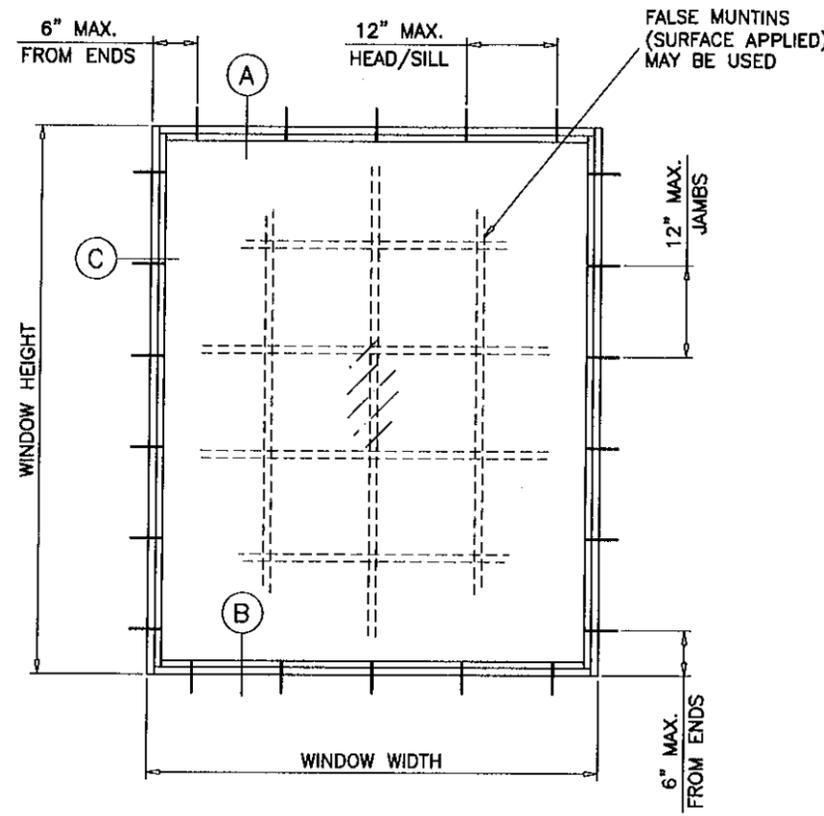

Manuel Perez, P.E.
Product Control Examiner
NOA No. 08-0206.03
Expiration Date: June 5, 2013
Approval Date: June 5, 2008



FRAME

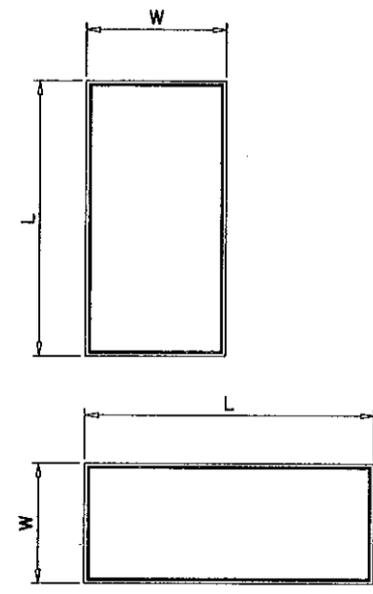


GLAZING STOP



TYPICAL ELEVATION

D.L.O. HEIGHT = FRAME HEIGHT - 3.750"
 D.L.O. WIDTH = FRAME WIDTH - 3.750"



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

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

DESIGN LOAD CAPACITY - PSF				
WINDOW DIMS.		GLASS TYPES 'A', 'B' OR 'C'		
WIDTH	LENGTH	EXT. (+)	INT. (-)	
24"	60"	90.0	115.0	
30"		90.0	115.0	
36"		90.0	115.0	
42"		90.0	115.0	
48"		90.0	115.0	
54"		90.0	115.0	
60"	90.0	115.0		
66"	72"	90.0	115.0	
72"		90.0	115.0	
24"		84"	90.0	115.0
30"			90.0	115.0
36"			90.0	115.0
42"			90.0	115.0
48"	90.0		115.0	
54"	90.0		115.0	
60"	90.0	115.0		
24"	96"	90.0	115.0	
30"		90.0	115.0	
36"		90.0	115.0	
42"		90.0	115.0	
37"	83"	90.0	115.0	
42"		90.0	115.0	
48"		90.0	115.0	
53-1/8"	74-1/4"	90.0	115.0	
37"		90.0	115.0	
42"		90.0	115.0	
48"		90.0	115.0	
53-1/8"	74-1/4"	90.0	115.0	
53-1/8"		90.0	115.0	

THESE WINDOWS ARE RATED FOR LARGE MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

S-7000 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).

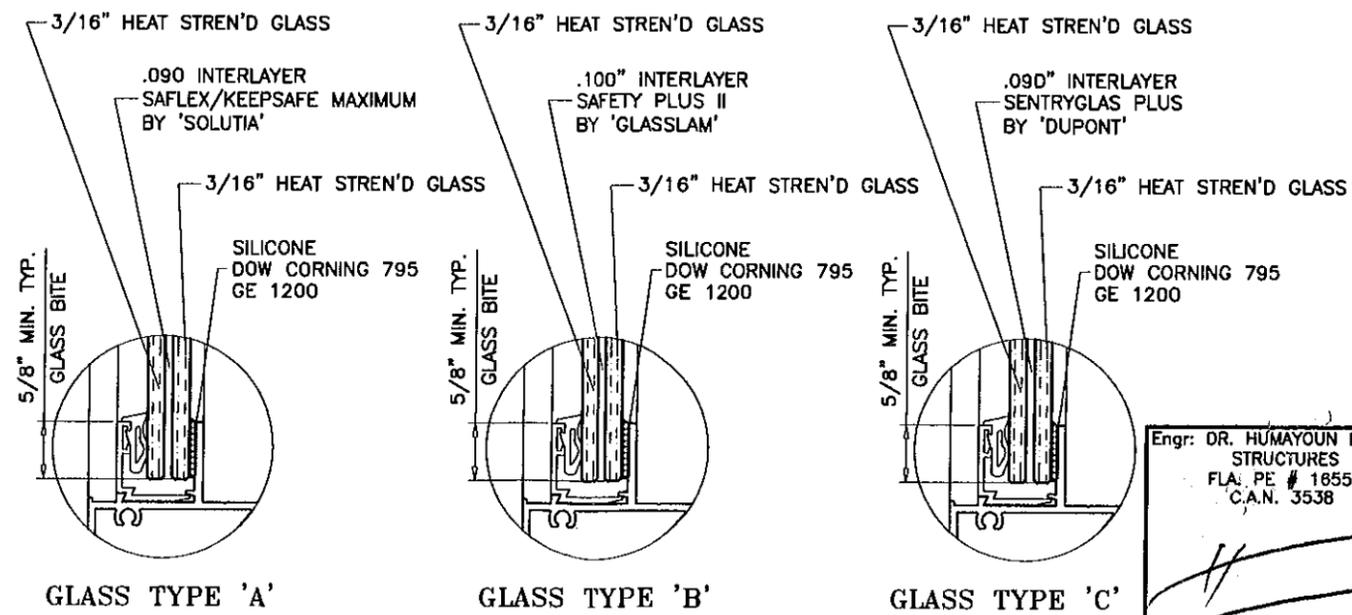
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

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.



GLASS TYPE 'A'

GLASS TYPE 'B'

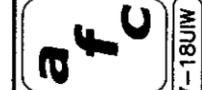
GLASS TYPE 'C'

GLAZING OPTIONS

Engr: DR. HUMAYOON FAROOQ
 STRUCTURES
 FLA. PE # 18557
 C.A.N. 3538

Approved as complying with the Florida Building Code
 Date JUNE 5, 2013
 NOAH 08-0206.03
 Miami Dade Product Control Division
 By Manuel Perez

NOV 15 2007



AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL (305) 264-8100 FAX (305) 262-6978
 COMP-ANL\W07-18JW

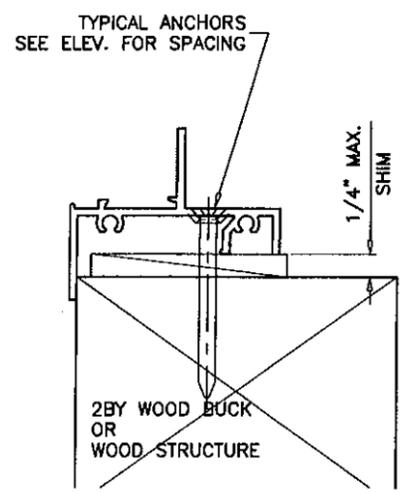
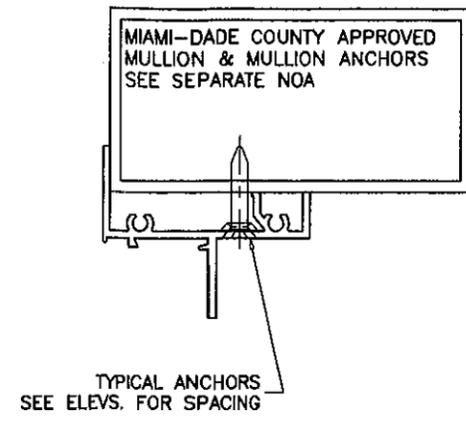
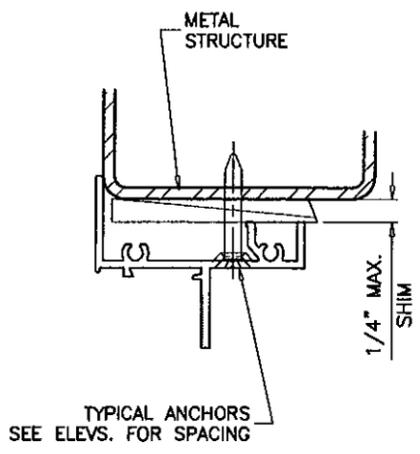
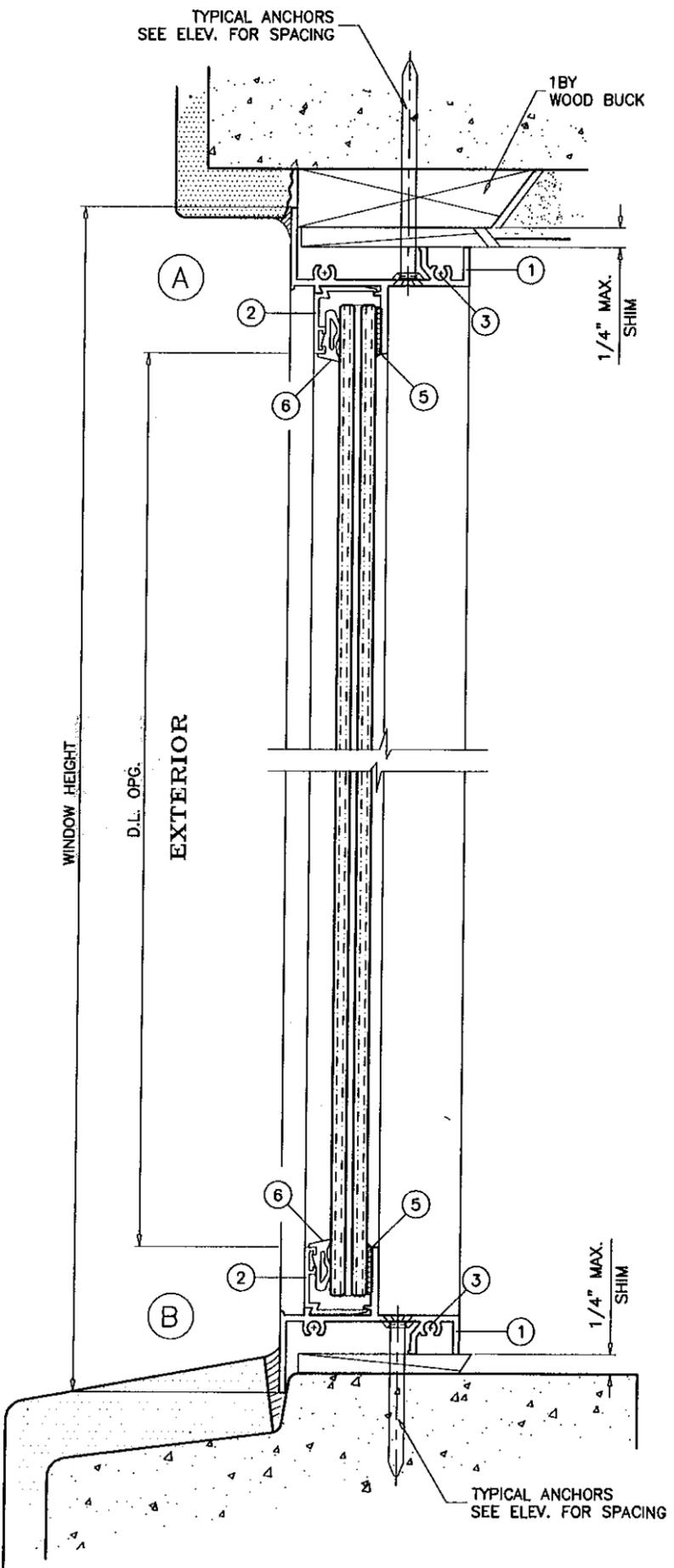
S-7000 ALUMINUM FIXED WINDOW (L.M.I.)
UNIVERSAL IMPACT WINDOWS & DOORS
 1675 W. 31ST PLACE
 HIALEAH, FL. 33012
 TEL (305) 825-7900 FAX (305) 825-5805

no	date	description

date: 03-05-07
 scale: 1/2"=1'-0"
 dr. by: HAMID
 chk. by:

drawing no.
W07-18

WOOD BUCKS AND METAL STRUCTURE NOT BY CURV-A-TECH MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.



TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" TAPCONS

INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
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)

#10 SMS OR SELF DRILLING SCREWS

INTO MIAMI-DADE COUNTY APPROVED MULLIONS
(NO SHIM SPACE)

ANCHOR EDGE DISTANCE

INTO CONCRETE AND MASONRY = 1-3/8" MIN.
INTO WOOD STRUCTURE = 3/4" MIN.
INTO METAL STRUCTURE = 1/2" MIN.

SEALANTS:

FRAME CORNERS AND INSTALLATION SCREWS SEALED WITH SEAM SEALER.

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

NOV 15 2007

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Miami Dade Product Control
Division
By [Signature]

afc
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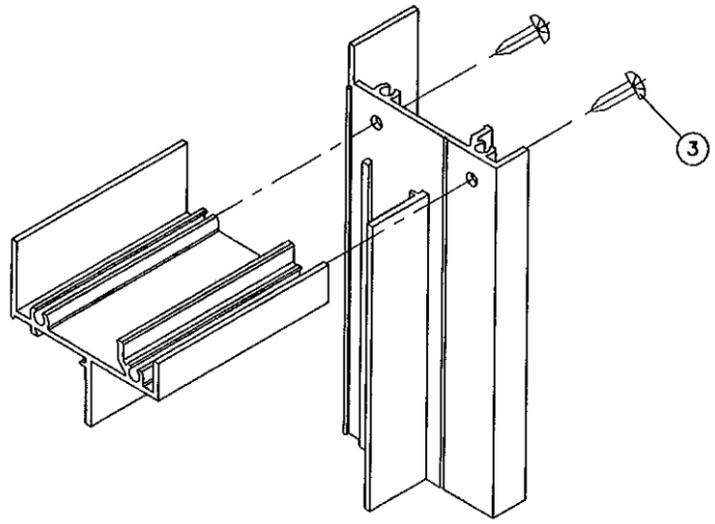
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revisions:	
no	date by description

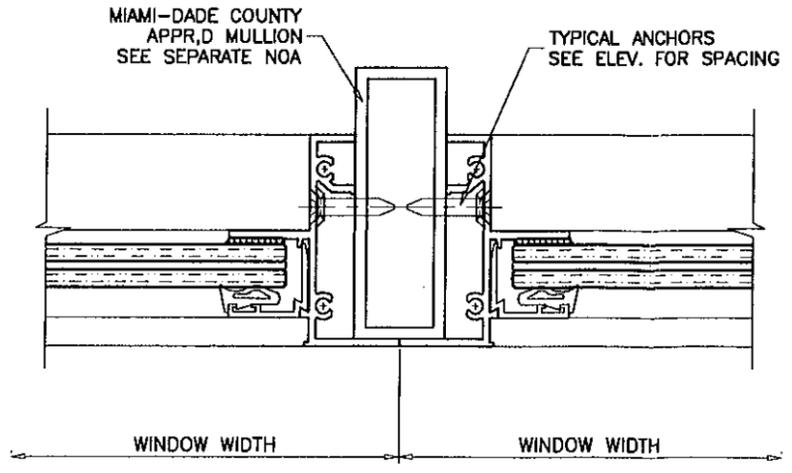
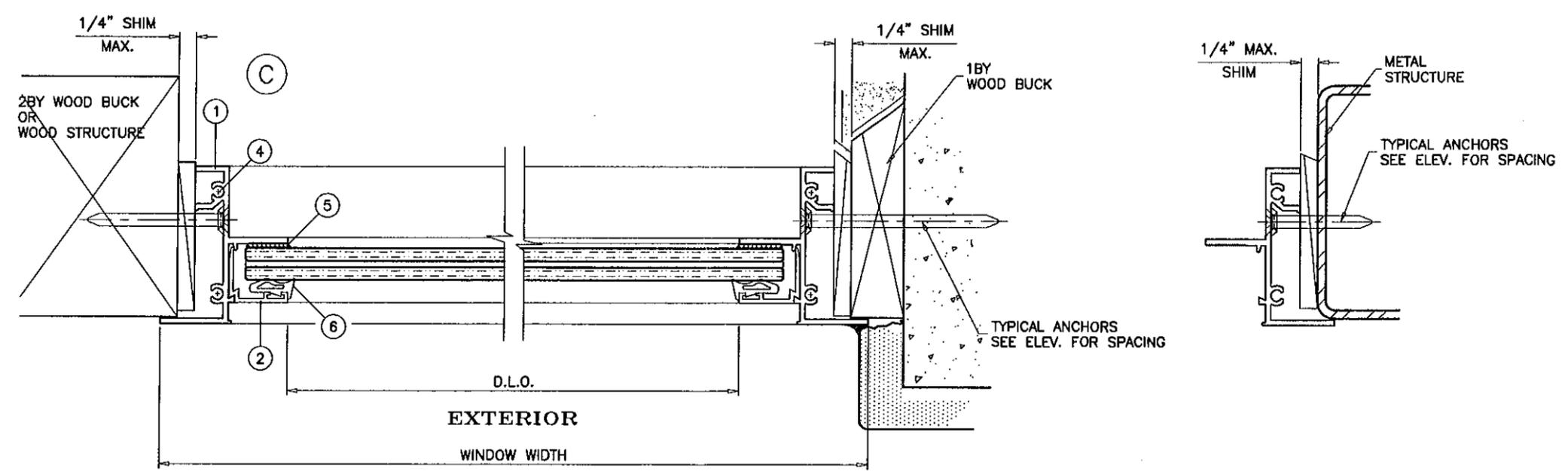
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scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W07-18
sheet 2 of 3

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	U7001	4	WINDOW FRAME	6063-T5	--
2	U-5008	4	GLAZING STOP	6063-T5	--
3	#10 X 1"	2/ CORNER	ASSEMBLY SCREWS	CRS	PH SMS
4	-	AS REQD.	GLAZING COMPOUND	SILICONE	--
5	UA-5012	AS REQD.	GLAZING VINYL	SOFT PVC	--



CORNER DETAIL



Engr. DR. HUMAYOON FAROOQ
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afC
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sheet 3 of 3