



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

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

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/economy

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 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 "S-7000" Aluminum Fixed Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. W07-18, Series titled "S-7000 Aluminum Fixed Window (L.M.I.)", sheets 01 through 03 of 03, dated 03/05/07 with revision "B" dated 01/19/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P. E., bearing the Miami-Dade County Product Control Section Revision stamp with the Notice of Acceptance number and Expiration date by the Miami-Dade County Product Control Section.

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, 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. 13-0606.08 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jorge M. Plasencia, P. E.**



JMP
09/01/2014

NOA No. 16-0706.14
Expiration Date: June 05, 2018
Approval Date: September 08, 2016
Page 1

Universal Impact Windows and Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under previous NOA No. 08-0206.03)
2. Drawing No. **W07-18**, Series titled "S-7000 Aluminum Fixed Window (L.M.I.)", sheets 01 through 03 of 03, dated 03/05/07 with revision "B" dated 01/19/15, 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 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94along 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 J. Largaespada, P. E.
(Submitted under previous NOA No. 08-0206.03)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC-2014**, prepared by Al-Farooq Corporation, dated 01/15/15, 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. Notice of Acceptance No. **14-0916.11** issued to **Kuraray America, Inc.** for their "**SentryGlas® (Clear and White) Interlayer**" dated 06/25/15, expiring on 07/04/18.
2. Notice of Acceptance No. **15-1201.11** issued to **Eastman Chemical Company (MA)** for their "**Saflex Clear and Color Glass Interlayers**" dated 03/17/16, expiring on 05/21/21.
3. Notice of Acceptance No. **16-0208.12** issued to **Polymer Extrusion Technology, Inc. dba Glasslam, Inc.** for their "**Glasslam Safety-Plus II Laminated Glass**" dated 06/16/16, expiring on 08/07/18.



Jorge M. Plasencia, P. E.
Product Control Unit Supervisor
NOA No. 16-0706.14
Expiration Date: June 05, 2018
Approval Date: September 08, 2016

Universal Impact Windows and Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

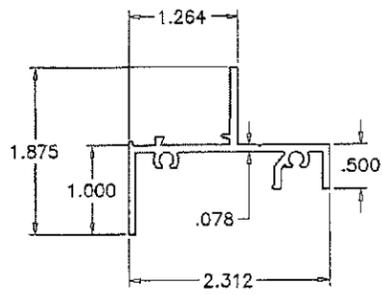
F. STATEMENTS

1. Statement letter of no financial interest, conformance and complying with **FBC-2014**, issued by Al-Farooq Corporation, dated 01/15/15, signed and sealed by Javad Ahmad, P. E.
2. Laboratory compliance letter for Test Report No. **FTL-4673**, issued by Fenestration Testing Laboratory, Inc., dated 04/07/06, signed and sealed by Edmundo J. Largaespada, P. E.
(Submitted under previous NOA No. 08-0206.03)

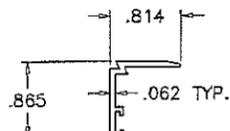
G. OTHERS

1. Notice of Acceptance No. **13-0606.08**, issued to Universal Impact Windows and Doors, Inc. for their Series "**S-7000 Aluminum Fixed Window - L.M.I.**", approved on 08/01/13 and expiring on 06/05/18.

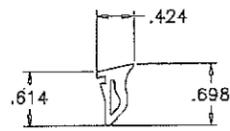

George M. Plasencia, P. E.
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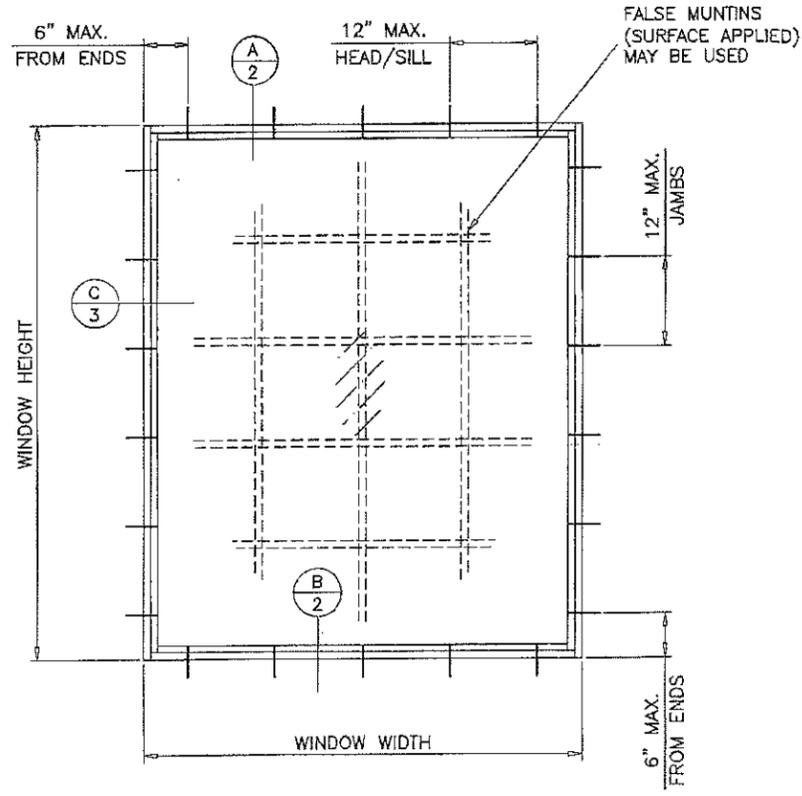
FRAME



GLAZING STOP

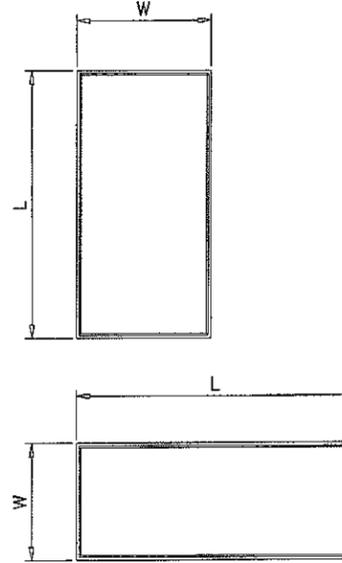


GLAZING WEDGE



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 E1300-09 (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"	90.0	115.0	
72"	90.0	115.0	
24"	72"	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"	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	
24"	96"	90.0	115.0
30"		90.0	115.0
36"		90.0	115.0
42"		90.0	115.0
37"	63"	90.0	115.0
42"		90.0	115.0
48"		90.0	115.0
53-1/8"		90.0	115.0
37"	74-1/4"	90.0	115.0
42"		90.0	115.0
48"		90.0	115.0
53-1/8"		90.0	115.0

THESE WINDOWS ARE RATED FOR LARGE & SMALL 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 2014 (5TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

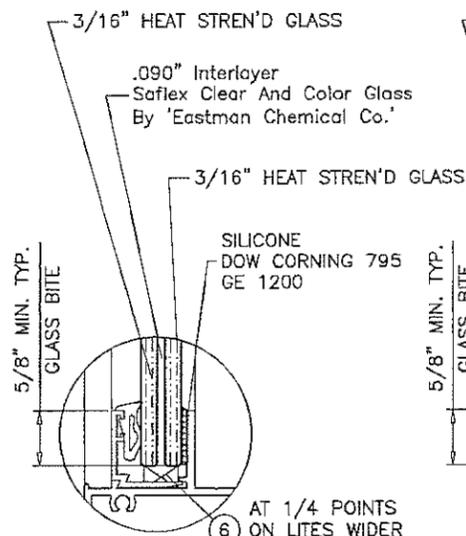
1BY OR 2BY WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

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

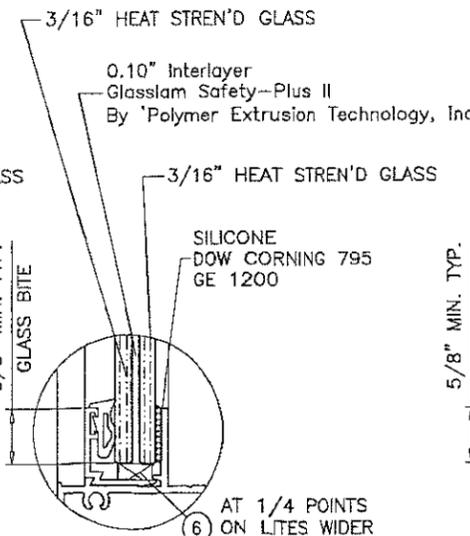
ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

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

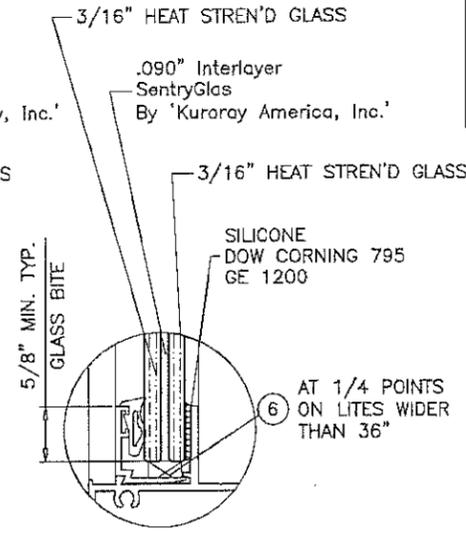
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2014 FLORIDA BUILDING CODE & ADOPTED STANDARDS.



GLASS TYPE 'A'



GLASS TYPE 'B'



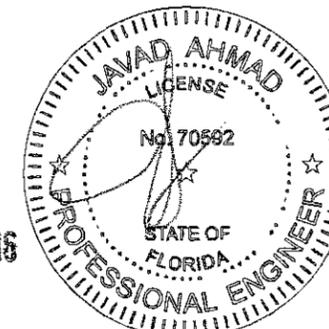
GLASS TYPE 'C'

GLAZING OPTIONS

PRODUCT REVISED
 as complying with the Florida Building Code
 NOA-No. **16-0706.14**

Expiration Date **06/05/2018**

By *[Signature]*
 Miami-Dade Product Control



AUG 30 2016

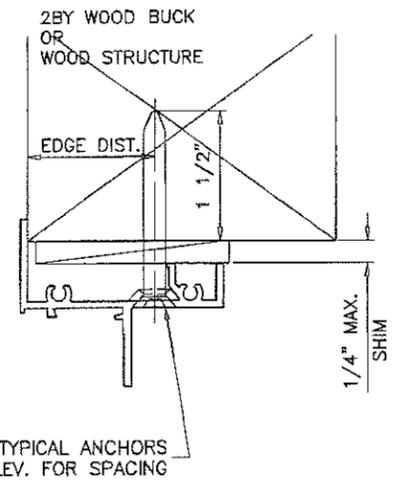
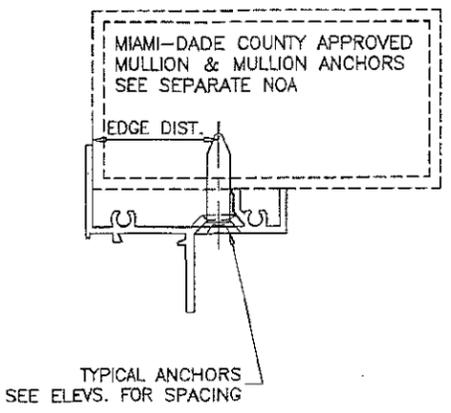
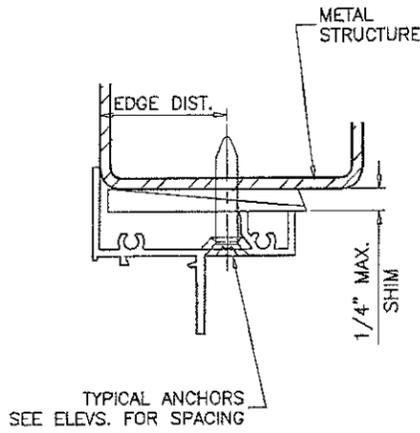
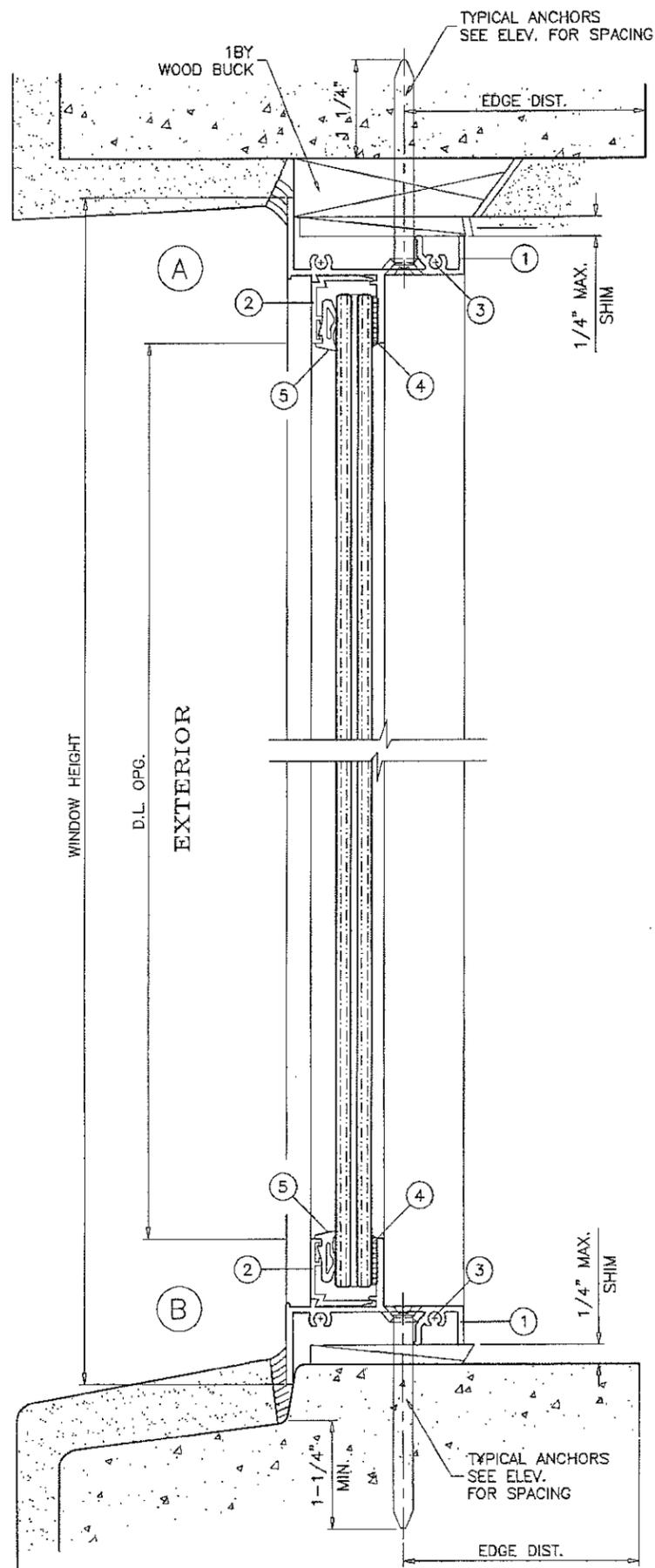
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AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP--ANL\W07-18UJW

S-7000 ALUMINUM FIXED WINDOW (L.M.I.)
UNIVERSAL IMPACT WINDOWS & DOORS
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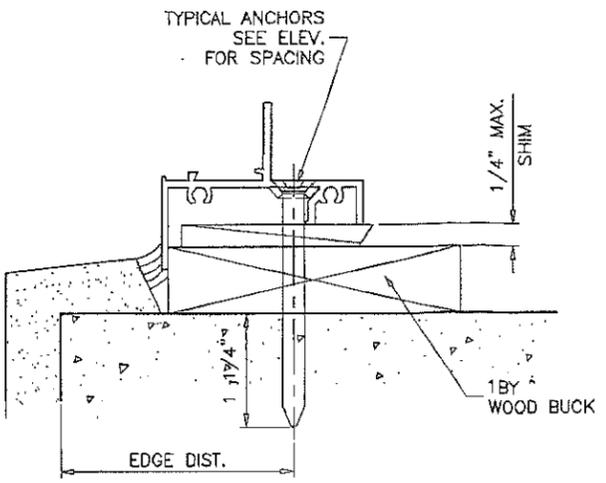
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A	01.30.13		UPDATED TO 2010 FBC
B	01.19.15		UPDATED TO 2014 FBC

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

drawing no.
W07-18
 sheet 1 of 3



WOOD BUCKS AND METAL STRUCTURE NOT BY UNIVERSAL
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.



TYPICAL ANCHORS: SEE ELEV. FOR SPACING
 1/4" DIA. TAPCON BY 'ITW' (Fu=120 KSI, Fy=92 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 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 (GRADE 2 CRS)
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8")
 (NO SHIM SPACE)

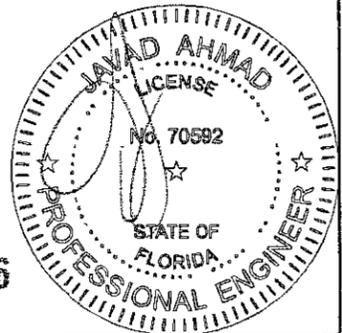
TYPICAL EDGE DISTANCE
 INTO CONCRETE AND MASONRY = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 1" MIN.
 INTO METAL STRUCTURE = 3/4" MIN.

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.

SEALANTS:
 FRAME CORNERS AND INSTALLATION SCREWS SEALED WITH SEAM SEALER.

PRODUCT REVISED
 as complying with the Florida
 Building Code
 NOA-No. **16-0706.14**
 Expiration Date **06/05/2018**
 By *[Signature]*
 Miami-Dade Product Control

AUG 30 2016

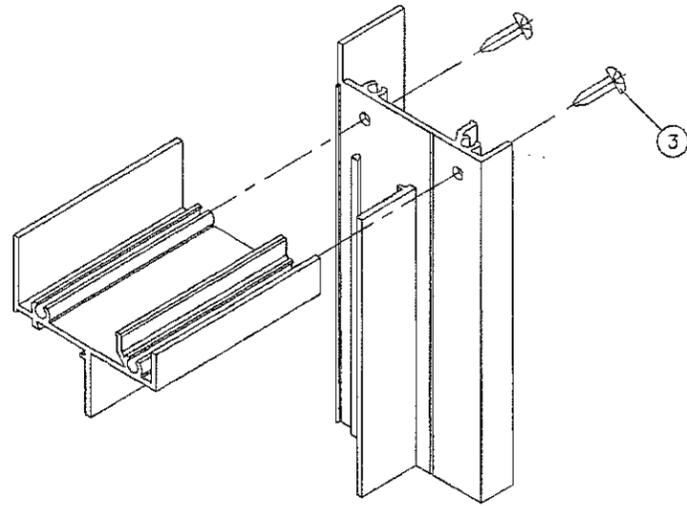


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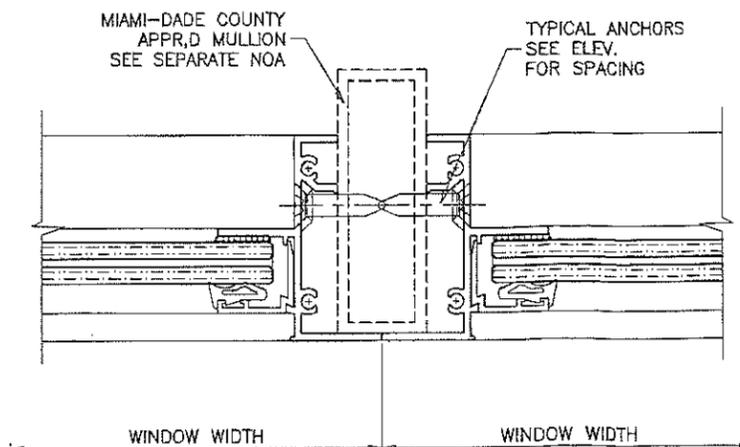
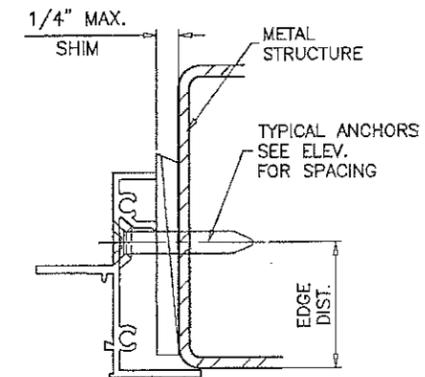
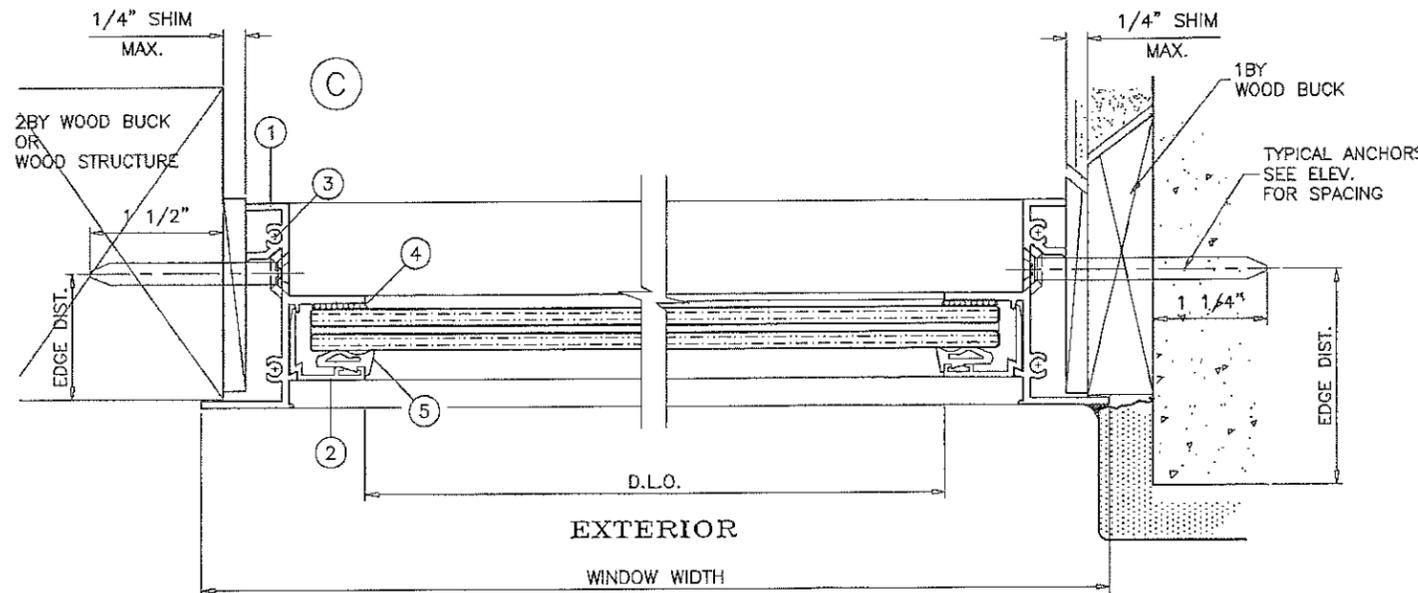
no	date	description
A	01.30.13	UPDATED TO 2010 FBC
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date: 03-05-07
 scale: 1/2" = 1"
 dr. by: HAMID
 ch. by:
 drawing no. **W07-18**
 sheet 2 of 3



CORNER DETAIL

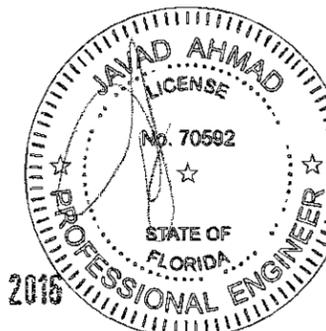
ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	U7001	4	WINDOW FRAME	6063-T6	-
2	U-5008	4	GLAZING STOP	6063-T5	-
3	#10 X 1"	2/ CORNER	ASSEMBLY SCREWS	CRS	PH SMS
4	-	AS REQD.	GLAZING COMPOUND	SILICONE	-
5	UA-5012	AS REQD.	GLAZING WEDGE	VINYL	TREMCO OR EQUIV., DUROMETER 70±5 SHORE A
6	-	AS REQD.	SETTING BLOCKS	EPDM	DUROMETER 80±5 SHORE A



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sheet 3 of 3