



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.miamidade.gov/buildingcode](http://www.miamidade.gov/buildingcode)

E.S. Windows, Inc.  
10653 NE Quaybridge CT.  
Miami, FL 33138

**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 1600 Aluminum Fixed Window – S.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **W05-46**, titled "Series 1600 Aluminum Fixed Window (S.M.I.)", sheets 1 through 5 of 5, prepared by AL-Farooq Corporations, dated 09/09/05 and last revised on February 10, 2010 w/ revision "D", signed and sealed by Javad Ahmad, P. E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: 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 **revises** and **renews** NOA # **05-1213.01**, consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P. E.**



NOA No 09-1008.03  
Expiration Date: March 31, 2016  
Approval Date: March 03, 2010

2/11/10

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections. (Transferred from file # **05-1213.01**)
2. Drawing No. **W05-46**, titled "Series 1600 Aluminum Fixed Window (S.M.I.)", sheets 1 through 5 of 5, prepared by AL-Farooq Corporations, dated 09/09/05 and last revised on February 10, 2010 w/ revision "**D**", signed and sealed by Javad Ahmad, P. E.

**B. TESTS (transferred from file # **05-1213.01**)**

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  
along with marked-up drawings and installation diagram of aluminum fixed window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-05-1449**, dated 04/28/05, signed and sealed by Ivonne Ghia, P.E.
2. Test reports on 1) Small Missile Impact Test per FBC, TAS 201-94  
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of aluminum fixed window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-05-1954**, dated 05/02/05, signed and sealed by Ivonne Ghia, P.E.

**C. CALCULATIONS**

1. Anchor Calculations and structural analysis, prepared by AL-Farooq Corporation, dated 11/16/05, signed and sealed by Arshad Viqar, P. E.
2. Glazing Complies with ASTM E1300-02 &-04

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **09-0312.02** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Butacite® PVB, Interlayer**" dated 05/13/09, expiring on 12/11/10.

**F. STATEMENTS**

1. Statement letters of Compliance and "no financial interest", issued by Al-Farooq Corp., dated 02/17/10, signed and sealed by Javad Ahmad, P. E.
2. Statement of Lab compliance letter, part of test report.

**G. OTHERS**

1. This NOA **revises & renews** NOA # **05-1213.01**, expiring March 31, 2011.
2. Test proposal dated 06/12/08, approved by BCCO.
3. Test proposal dated Feb. 14, 2006 for "sill base adapter" submitted by Al-Farooq Corporation, approved by BCCO.

*Ishaq I. Chanda*

Ishaq I. Chanda, P. E.  
Product Control Examiner  
NOA No 09-1008.03  
Expiration Date: March 31, 2016  
Approval Date: March 03, 2010

**SERIES-1600 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 ON SHEET 2.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2007 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

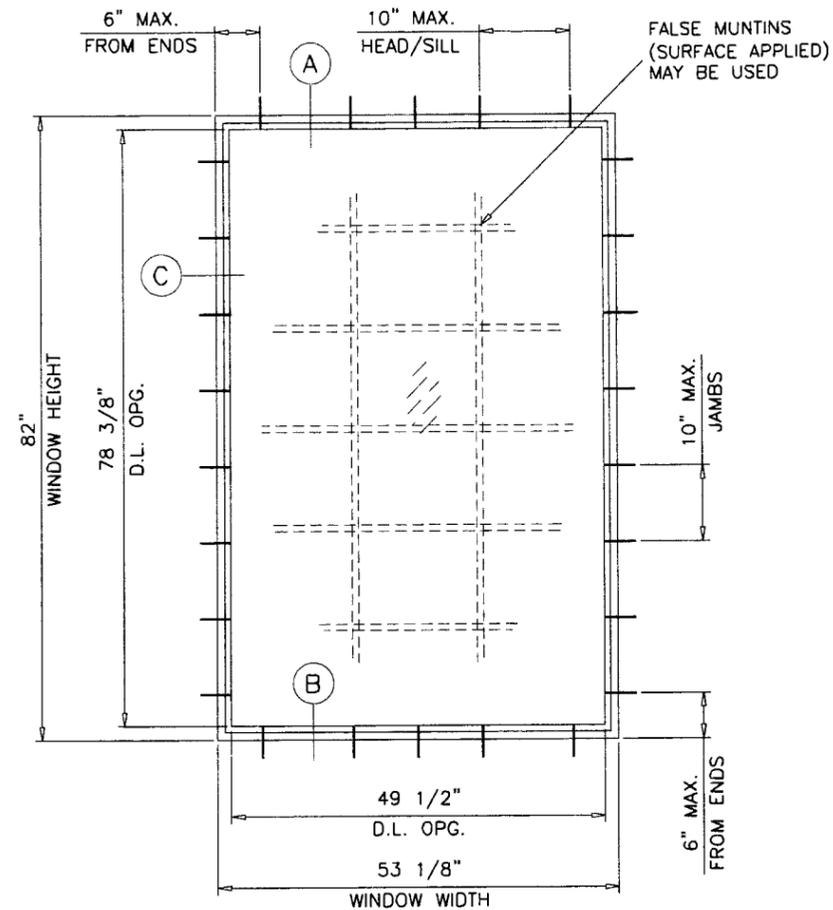
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

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 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 2007 FLORIDA BLDG. CODE SECTION 2003.8.4.



**TYPICAL ELEVATION**

TESTED UNIT

PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 07-1008.03  
 Expiration Date: MAR 31, 2016  
 By: Ishag I. Chande  
 Miami Dade Product Control  
 Division

DAYLITE OPENINGS:  
 D.L.O. HEIGHT = WINDOW HEIGHT - 3.625"  
 D.L.O. WIDTH = WINDOW WIDTH - 3.625"

THESE WINDOWS ARE RATED FOR SMALL MISSILE IMPACT. MIAMI-DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS REQUIRED FOR INSTALLATIONS UP TO 30 FT. OF GRADE. SHUTTERS NOT REQD. FOR INSTALLATIONS ABOVE 30 FT. OF GRADE.

Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 C.A.N. 3538  
  
 FEB 10 2010

**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\W05-46ESW

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SERIES-1600 ALUMINUM FIXED WINDOW (S.M.I.)  
**E.S. WINDOWS, LLC.**  
 5220 N.W. 72 AVE. BAY #4  
 MIAMI, FL. 33166  
 TEL. (305) 624-7775 FAX. (305) 624-7777

no	date	by	description
A	02.08.06	REV. PER BCCO COMMENTS	
B	03.03.06	NO CHANGE THIS SHEET	
C	08.18.09	UPDATED FOR 2007 FBC	
D	02.09.10	REV. PER BCCO COMMENTS	

date: 09-09-05  
 scale: 1/2" = 1'-0"  
 dr. by: HAMID  
 chk. by:

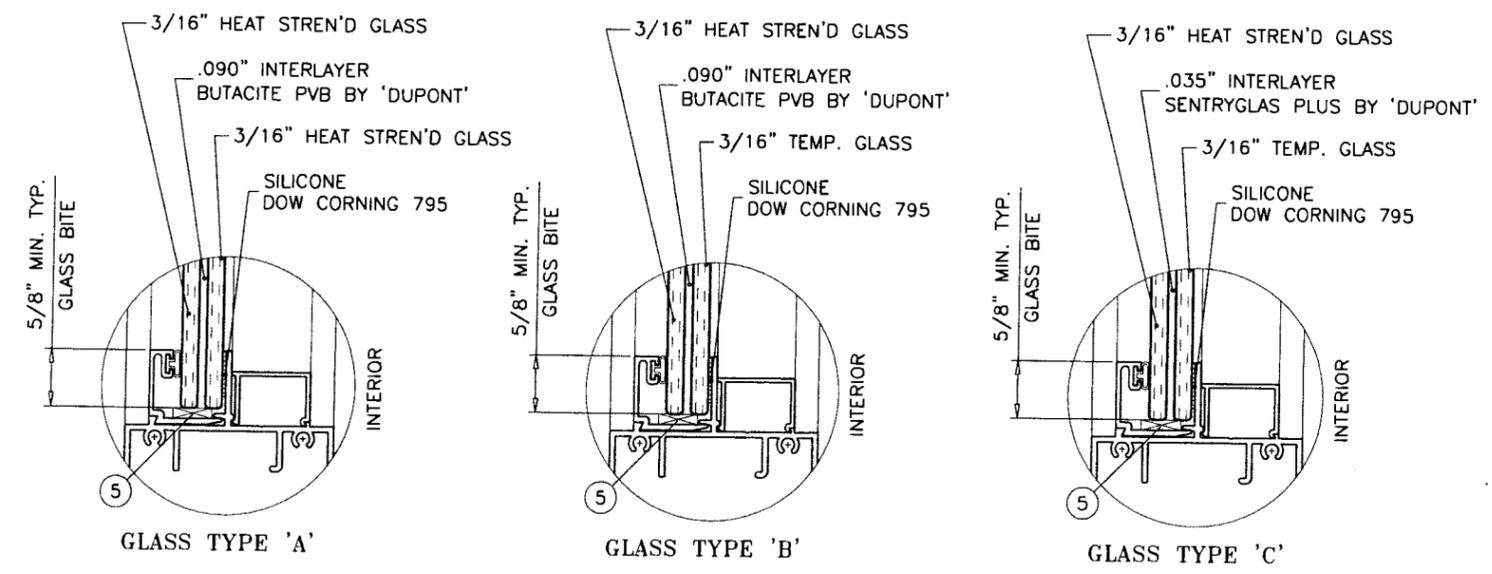
drawing no.  
**W05-46**  
 sheet 1 of 5

DESIGN LOAD CAPACITY - PSF							
WINDOW DIMS.		GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'C'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
18"	36"	90.0	140.0	100.0	140.0	100.0	140.0
24"		90.0	140.0	100.0	140.0	100.0	140.0
30"		90.0	140.0	100.0	140.0	100.0	140.0
36"		90.0	132.8	100.0	140.0	100.0	140.0
42"		90.0	132.8	100.0	140.0	100.0	140.0
48"		90.0	132.8	100.0	140.0	100.0	140.0
54"	90.0	127.9	100.0	140.0	100.0	140.0	
60"	90.0	121.9	100.0	140.0	100.0	140.0	
18"	48"	90.0	140.0	100.0	140.0	100.0	140.0
24"		90.0	140.0	100.0	140.0	100.0	140.0
30"		90.0	140.0	100.0	140.0	100.0	140.0
36"		90.0	132.8	100.0	140.0	100.0	140.0
42"		90.0	113.8	100.0	126.5	88.1	123.3
48"		90.0	99.6	100.0	110.7	77.1	107.9
54"	90.0	99.6	100.0	110.7	77.1	107.9	
60"	90.0	90.0	90.0	90.0	90.0	90.0	
18"	60"	90.0	140.0	100.0	140.0	100.0	140.0
24"		90.0	140.0	100.0	140.0	100.0	140.0
30"		90.0	136.5	100.0	140.0	100.0	140.0
36"		90.0	121.9	100.0	140.0	100.0	140.0
42"		90.0	112.5	100.0	126.5	88.1	123.3
48"		90.0	90.0	90.0	90.0	90.0	90.0
54"	88.5	88.5	90.0	90.0	88.5	88.5	
60"	79.7	79.7	88.5	88.5	79.7	79.7	
18"	72"	90.0	140.0	100.0	140.0	100.0	140.0
24"		90.0	140.0	100.0	140.0	100.0	140.0
30"		90.0	129.3	100.0	140.0	100.0	140.0
36"		90.0	113.7	100.0	133.0	100.0	140.0
42"		90.0	90.0	90.0	90.0	90.0	90.0
48"		90.0	90.0	90.0	90.0	90.0	90.0
54"	88.5	88.5	90.0	90.0	88.5	88.5	
60"	-	-	88.5	88.5	79.7	79.7	

DESIGN LOAD CAPACITY - PSF							
WINDOW DIMS.		GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'C'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
18"	84"	90.0	140.0	100.0	140.0	100.0	140.0
24"		90.0	140.0	100.0	140.0	100.0	140.0
30"		90.0	124.6	100.0	140.0	100.0	140.0
36"		90.0	90.0	90.0	90.0	90.0	90.0
42"		90.0	90.0	90.0	90.0	90.0	90.0
48"		-	-	90.0	90.0	90.0	90.0
18"	90"	90.0	140.0	100.0	140.0	100.0	140.0
24"		90.0	140.0	100.0	140.0	100.0	140.0
30"		90.0	122.8	100.0	140.0	100.0	140.0
36"		90.0	90.0	90.0	90.0	90.0	90.0
42"		90.0	90.0	90.0	90.0	90.0	90.0
48"		-	-	90.0	90.0	90.0	90.0
18"	96"	90.0	140.0	100.0	140.0	100.0	140.0
24"		90.0	140.0	100.0	140.0	100.0	140.0
30"		90.0	90.0	90.0	90.0	90.0	90.0
36"		90.0	90.0	90.0	90.0	90.0	90.0
42"		-	-	90.0	90.0	90.0	90.0
48"		-	-	90.0	90.0	90.0	90.0
18"	108"	90.0	140.0	100.0	140.0	100.0	140.0
24"		90.0	140.0	100.0	140.0	100.0	140.0
30"		90.0	90.0	90.0	90.0	90.0	90.0
36"		90.0	90.0	90.0	90.0	90.0	90.0
42"		-	-	90.0	90.0	90.0	90.0
48"		-	-	90.0	90.0	90.0	90.0
18"	120"	90.0	140.0	100.0	140.0	100.0	140.0
24"		90.0	90.0	90.0	90.0	90.0	90.0
30"		90.0	90.0	90.0	90.0	90.0	90.0
36"		-	-	90.0	90.0	90.0	90.0

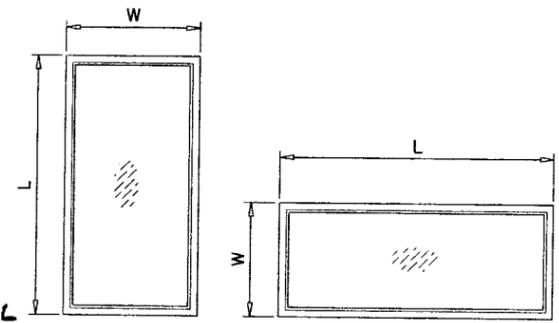
DESIGN LOAD CAPACITY - PSF							
WINDOW DIMS.		GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'C'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
19-1/8"	26"	90.0	140.0	100.0	140.0	100.0	140.0
26-1/2"		90.0	140.0	100.0	140.0	100.0	140.0
37"		90.0	140.0	100.0	140.0	100.0	140.0
48"		90.0	140.0	100.0	140.0	100.0	140.0
53-1/8"		90.0	140.0	100.0	140.0	100.0	140.0
19-1/8"	38-3/8"	90.0	140.0	100.0	140.0	100.0	140.0
26-1/2"		90.0	140.0	100.0	140.0	100.0	140.0
37"		90.0	129.2	100.0	140.0	100.0	140.0
48"		90.0	124.6	100.0	138.4	96.4	135.0
53-1/8"	90.0	124.6	100.0	138.4	96.4	135.0	
19-1/8"	50-5/8"	90.0	140.0	100.0	140.0	100.0	140.0
26-1/2"		90.0	140.0	100.0	140.0	100.0	140.0
37"		90.0	129.2	100.0	140.0	100.0	140.0
48"		90.0	99.6	100.0	110.7	77.1	107.9
53-1/8"	90.0	94.4	100.0	104.9	73.1	102.3	
19-1/8"	58"	90.0	140.0	100.0	140.0	100.0	140.0
26-1/2"		90.0	140.0	100.0	140.0	100.0	140.0
37"		90.0	121.9	100.0	140.0	100.0	140.0
48"		90.0	90.0	90.0	90.0	90.0	90.0
53-1/8"	90.0	90.0	90.0	90.0	90.0	90.0	
19-1/8"	63"	90.0	140.0	100.0	140.0	100.0	140.0
26-1/2"		90.0	140.0	100.0	140.0	100.0	140.0
37"		90.0	117.5	100.0	137.4	100.0	140.0
48"		90.0	90.0	90.0	90.0	90.0	90.0
53-1/8"	90.0	90.0	90.0	90.0	90.0	90.0	
19-1/8"	74-1/4"	90.0	140.0	100.0	140.0	100.0	140.0
26-1/2"		90.0	140.0	100.0	140.0	100.0	140.0
37"		90.0	110.5	100.0	129.3	100.0	140.0
48"		90.0	90.0	90.0	90.0	90.0	90.0
53-1/8"	90.0	90.0	90.0	90.0	90.0	90.0	

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-02/04 (3 SEC. GUSTS).



GLAZING OPTIONS

PRODUCT RENEWED  
complying with the Florida  
Building Code  
Acceptance No. 69-1008.03  
Expiration Date MAR 31, 2016  
By: *Ishag J. Chaudhry*  
Miami Dade Product Control  
Division



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

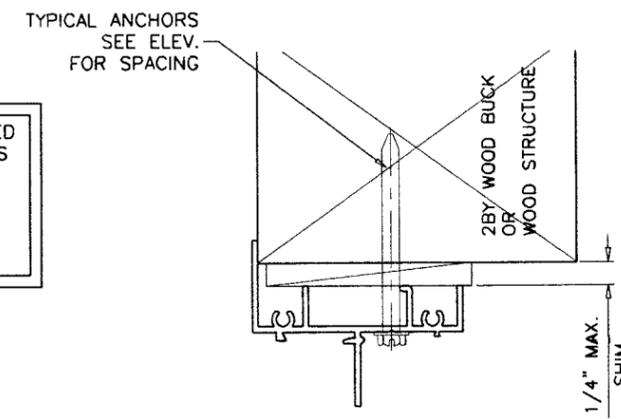
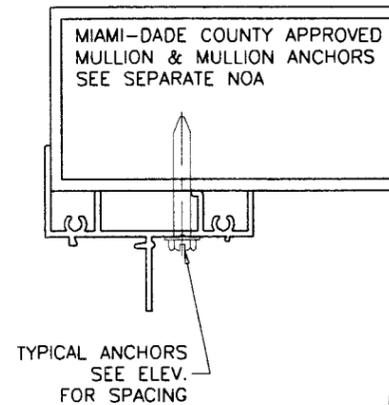
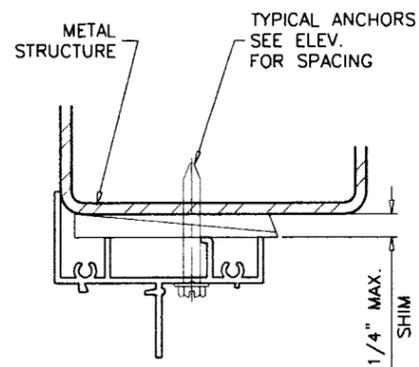
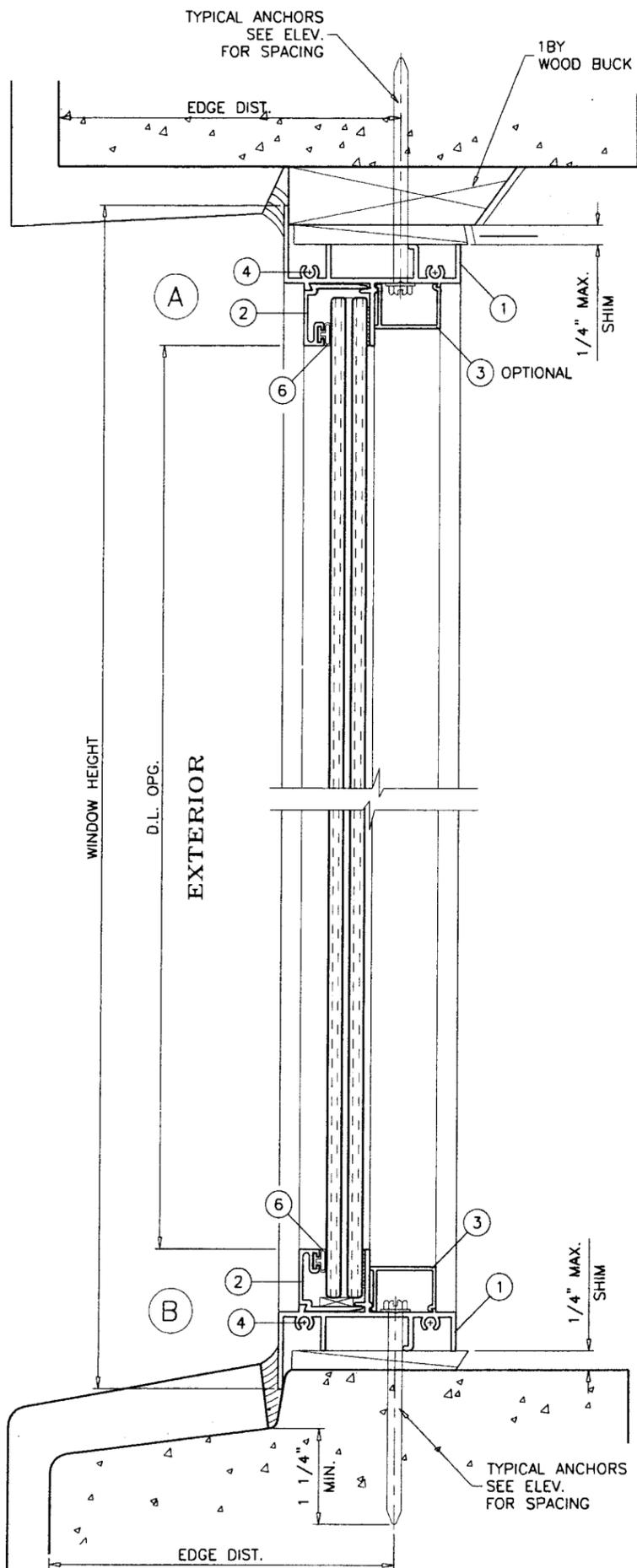
Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538  
*JA*  
FEB 10 2010

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL \ W05-46ESW

SERIES-1600 ALUMINUM FIXED WINDOW (S.M.I.)  
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no	date	description
A	02.08.06	NO CHANGE THIS SHEET
B	03.03.06	NO CHANGE THIS SHEET
C	08.18.09	UPDATED FOR 2007 FBC
D	02.09.10	NO CHANGE THIS SHEET

date: 08-09-05  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:  
drawing no. **W05-46**  
sheet 2 of 5



**PRODUCT RENEWED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. *09-1008.03*  
 Expiration Date *MAR 31, 2016*  
 By *Ishac I. Chande*  
 Miami Dade Product Control  
 Division

WOOD BUCKS AND METAL STRUCTURE NOT BY E.S. WDW.  
 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  
 1-3/8" 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

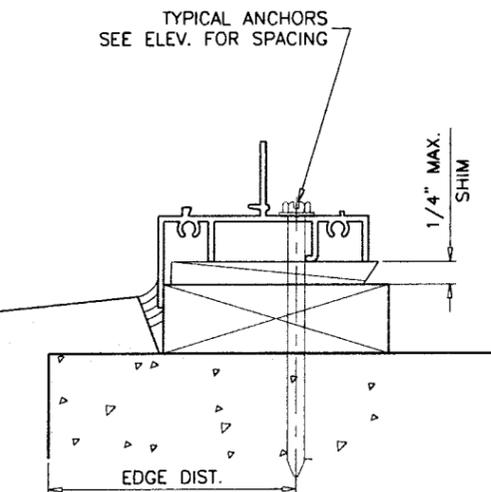
**#14 SMS OR SELF DRILLING SCREWS** (GRADE 2 CRS)  
 INTO METAL STRUCTURES  
 STEEL : 1/8" THK. MIN. (Fy = 36 KSI MIN.)  
 ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)  
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**#12 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.

CONCRETE f'c = 3000 PSI MIN.  
 C-90 HOLLOW/FILLED BLOCK f'm = 2000 PSI MIN.

**SEALANT:**  
 ALL JOINTS AND FRAME CONNECTIONS SEALED WITH  
 WHITE/ALUM COLOR SILICONE.



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

*JA*

FEB 10 2010

**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 1235 S.W. 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W05-46ESW

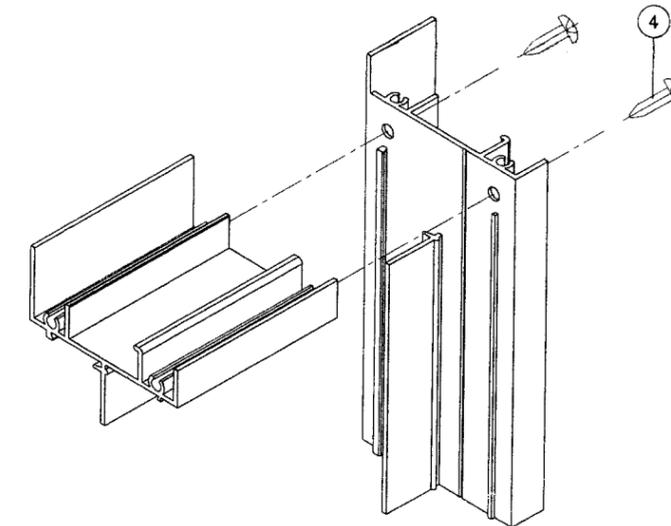
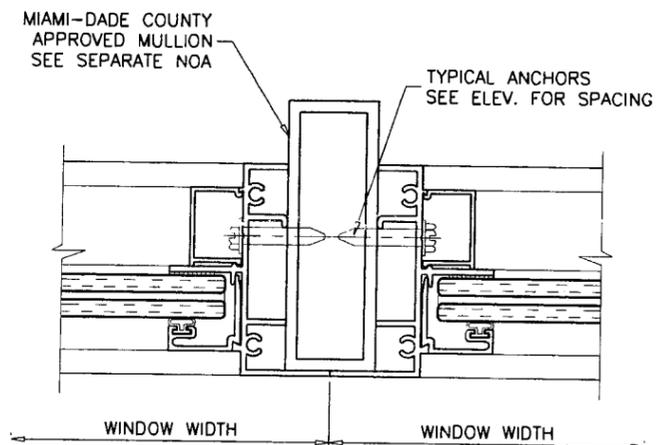
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revisions:	no	date	by	description
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 dr. by: HAMID  
 chk. by:

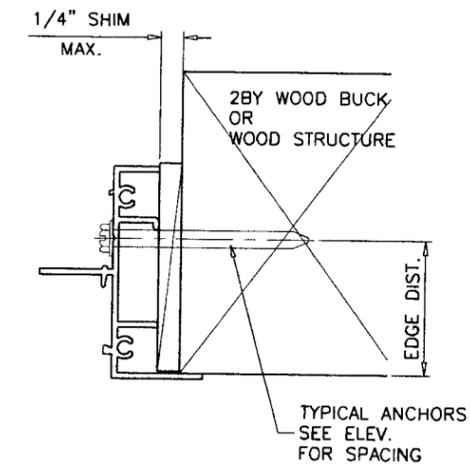
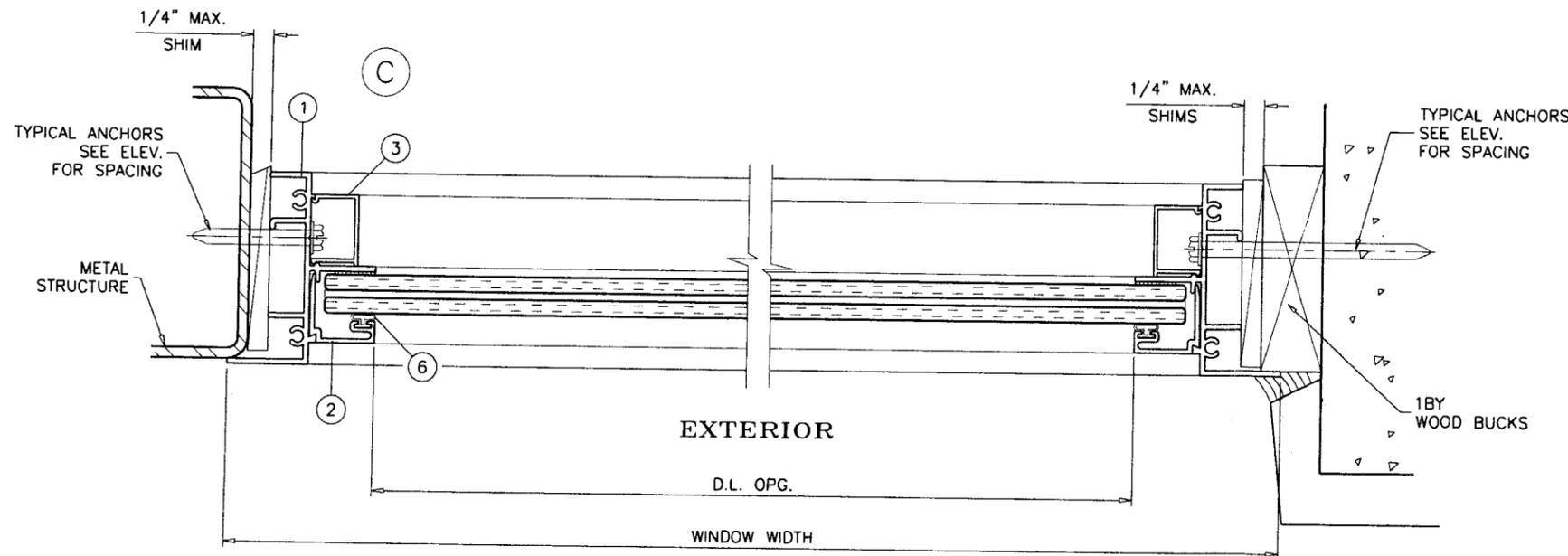
drawing no.  
**W05-46**  
 sheet 3 of 5

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	ES1501	4	WINDOW FRAME	6063-T6	-
2	ES1106	4	GLAZING STOP	6063-T5	-
3	ES1502	4	FRAME COVER (OPTIONAL)	6063-T5	-
4	#8 X 1"	2/ CORNER	ASSEMBLY SCREWS	CRS	PH SMS
5	-	2/ LITE	SETTING BLOCK	NEOPRENE	7/16" X 3/16" X 3-1/2" LONG
6	ES1104	AS REQD.	GLAZING GASKET	NEOPRENE	-
7	ES1505	-	FLUSH FRAME ADAPTER	6063-T5	OPTIONAL



TYPICAL CORNER DETAIL

PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 09-100803  
 Expiration Date MAR 31, 2016  
 By *Shay L. Chando*  
 Miami Dade Product Control  
 Division



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

*JA*  
 FEB 10 2010

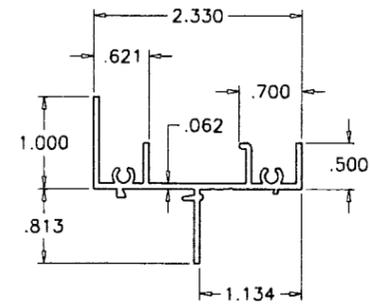
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**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 1235 S.W. 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W05-46ESW

SERIES-1600 ALUMINUM FIXED WINDOW (S.M.I.)  
**E.S. WINDOWS, LLC.**  
 5220 N.W. 72 AVE. BAY #4  
 MIAMI, FL. 33166  
 TEL. (305) 624-7775 FAX. (305) 624-7777

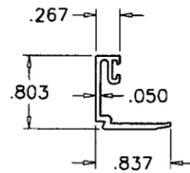
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B	03.03.06	NO CHANGE THIS SHEET	
C	08.18.09	UPDATED FOR 2007 FBC	
D	02.09.10	REV. PER BCCO COMMENTS	

date: 09-09-05  
 scale: 1/2" = 1"  
 dr. by: HAMID  
 chk. by:

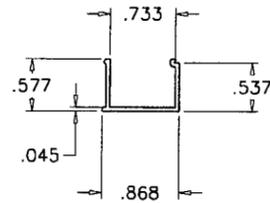
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**W05-46**  
 sheet 4 of 5



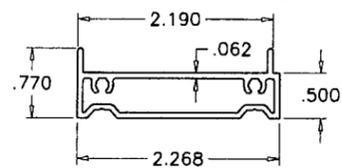
1 FRAME



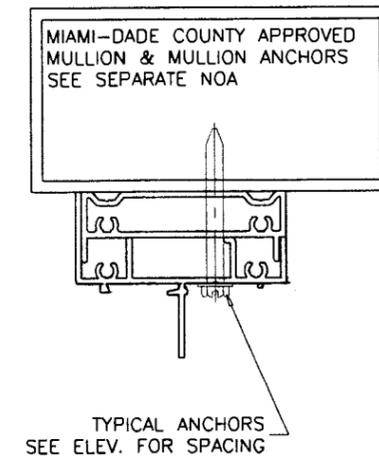
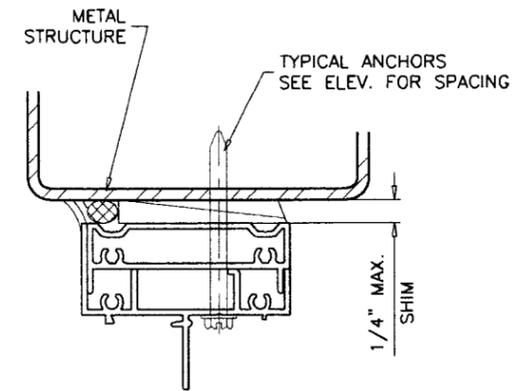
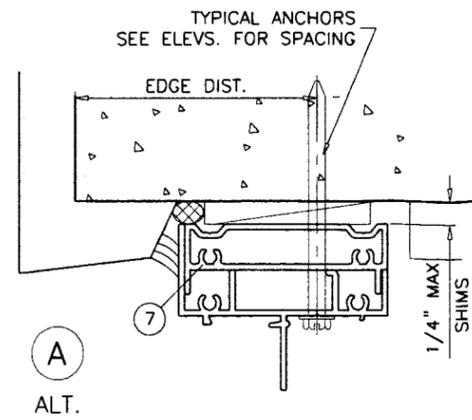
2 GLAZING STOP



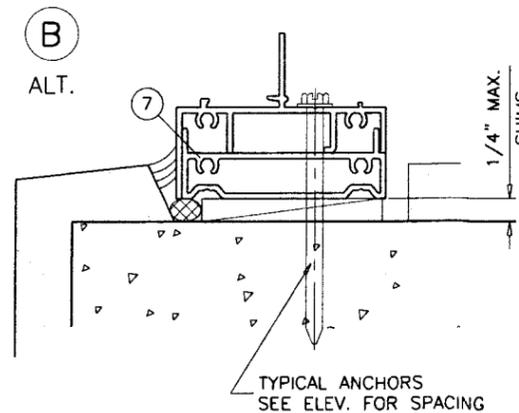
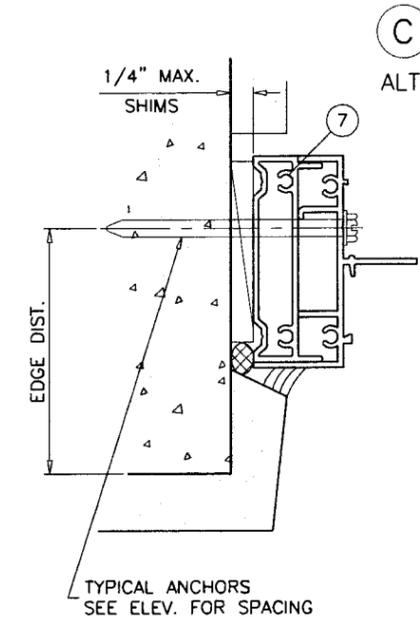
3 FRAME COVER (OPTIONAL)



7 FLUSH FRAME ADAPTER



PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No 09-1008.03  
 Expiration Date MAR 31, 2016  
 By *Ishag L. Skanda*  
 Miami Dade Product Control  
 Division



INSTALLATION DETAILS WITH FLUSH FRAME ADAPTER

Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 C.A.N. 3538  
  
 FEB 10 2010

**af c**  
**AL-FAROOQ CORPORATION**  
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 MIAMI, FL. 33166  
 TEL. (305) 624-7775 FAX. (305) 624-7777

no	date	by	description
A	02.08.06	REV. PER BCCO COMMENTS	
B	03.03.06	FRAME ADAPTER ADDED	
C	08.18.09	UPDATED FOR 2007 FBC	
D	02.09.10	REV. PER BCCO COMMENTS	

date: 09-09-05  
 scale: 1/2" = 1"  
 dr. by: HAMID  
 chk. by:

drawing no.  
**W05-46**  
 sheet 5 of 5