



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

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**NOTICE OF ACCEPTANCE (NOA)**

Zeluck, Inc.  
5300 Kings Highway  
Brooklyn, NY 11234

**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 "2270" Wood Double Hung Window – L.M.I.

**APPROVAL DOCUMENT:** Drawing No. W05-03 titled "Series 2270 Double Hung Wood Wdvw. (L.M.I.)", sheets 1 through 5 of 5, dated 01/14/05, with revision F dated 07/21/14, 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:** 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 and renews NOA# 13-0522.09 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 Manuel Perez, P.E.



*MP*  
2/25/15

NOA No. 14-1015.01  
Expiration Date: May 05, 2020  
Approval Date: February 26, 2015  
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **W05-03** titled "Series 2270 Double Hung Wood Wdw. (L.M.I.)", sheets 1 through 5 of 5, dated 01/14/05, with revision F dated 07/21/14, 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 203-94  
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94  
along with marked-up drawings and installation diagram of a series 2270 wood double hung window, prepared by Architectural Testing, Inc., Test Report No. **ATI-C5930.01-109-18**, dated 03/15/13, signed and sealed by Michael D. Stremmel, P.E.

*(Submitted under previous NOA# 13-0522.09)*

2. 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  
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94  
along with marked-up drawings and installation diagram of a wood double hung window, prepared by Architectural Testing, Inc., Test Report No. **ATI-59246.01-122-18**, dated 09/22/04, signed and sealed by Steven H. Urich, P.E.  
*(Submitted under NOA# 09-1209.03)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with **FBC-5<sup>th</sup> Edition (2014)**, dated 07/18/14, 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).

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 14-1015.01

Expiration Date: May 05, 2020  
Approval Date: February 26, 2015

Zeluck, Inc.

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**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. 14-0423.17 issued to Eastman Chemical Company (MA) for their "Saflex Clear and Color Glass Interlayers" dated 06/19/14, expiring on 05/21/16.

**F. STATEMENTS**

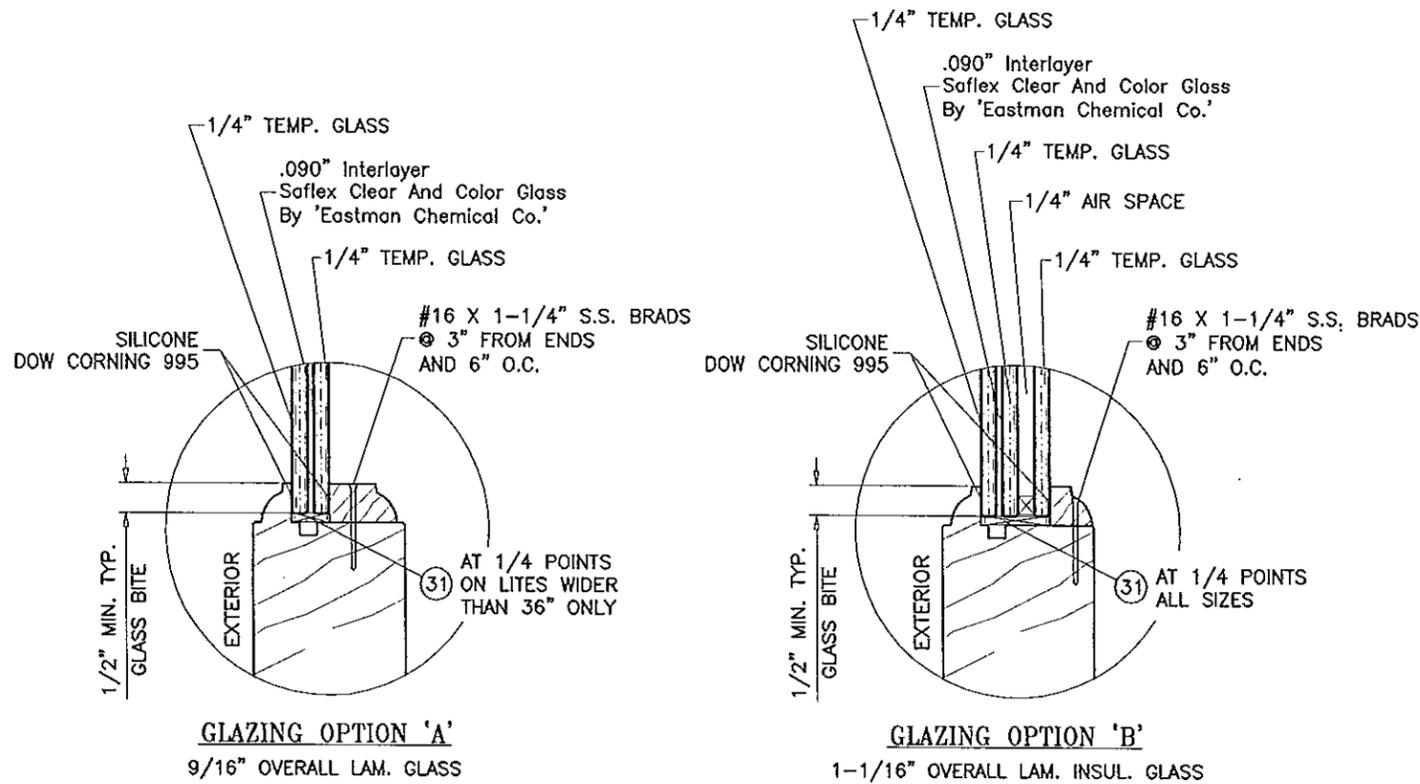
1. Statement letter of conformance, complying with FBC-5<sup>th</sup> Edition (2014), and of no financial interest, dated 07/28/14, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
1. Laboratory compliance letter for Test Report No. ATL-C5930.01-109-18, issued by Architectural Testing, Inc., dated March 19, 2013, signed and sealed by Michael D. Stremmel, P.E.  
*(Submitted under previous NOA No.13-0522.09)*

**G. OTHERS**

1. Notice of Acceptance No. 13-0522.09, issued to Zeluck, Inc. for their Series "2270" Wood Double Hung Window - L.M.I., approved on 09/05/13 and expiring on 05/05/15.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 14-1015.01

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MAXIMUM DESIGN LOAD RATING = + 60.0 PSF  
(FOR SIZES SHOWN OR SMALLER) - 70.0 PSF

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

**SERIES 2270 DOUBLE HUNG WOOD WINDOW**

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

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.

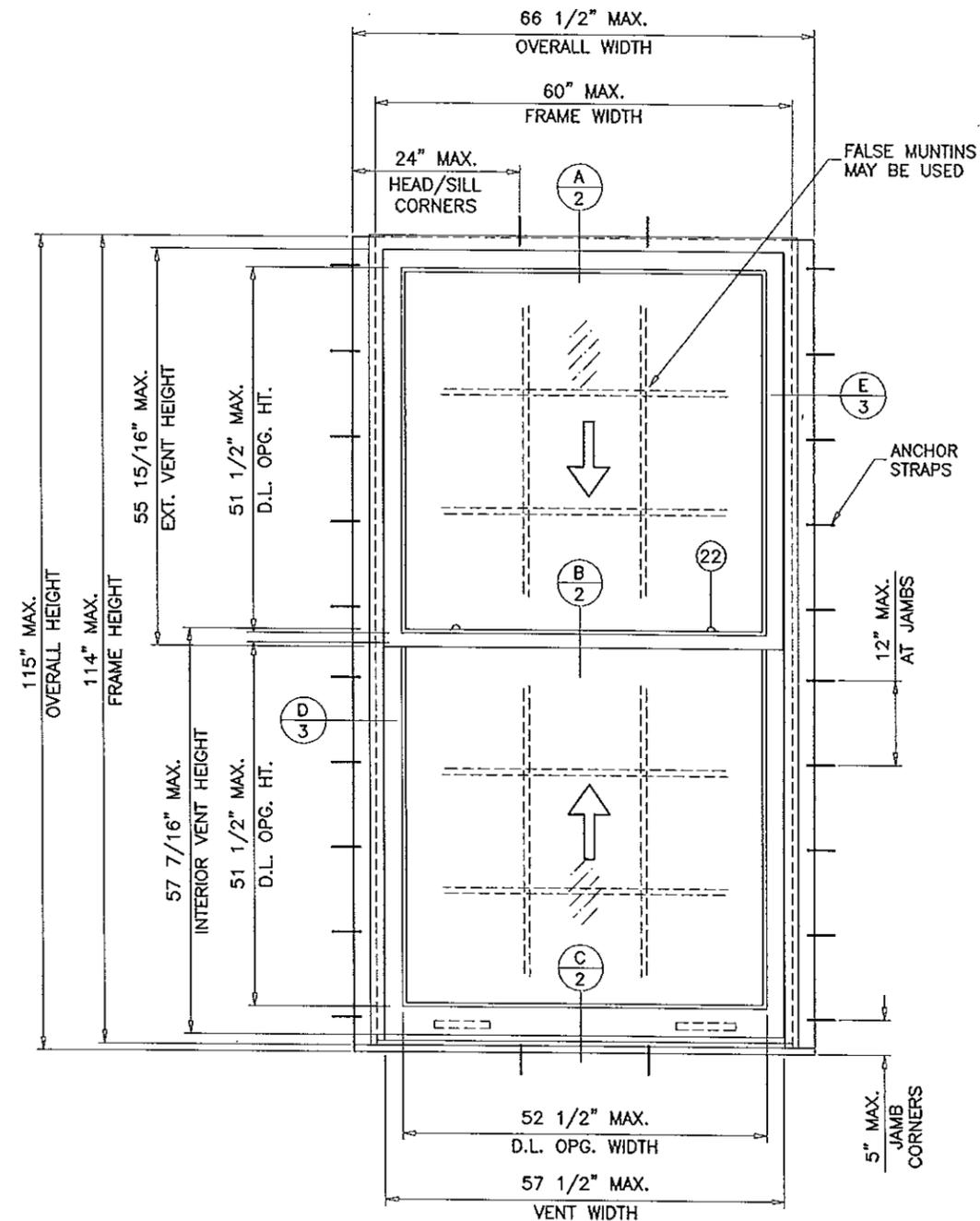
ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

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.

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) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219



TYPICAL ELEVATION

**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\W05-03ZI

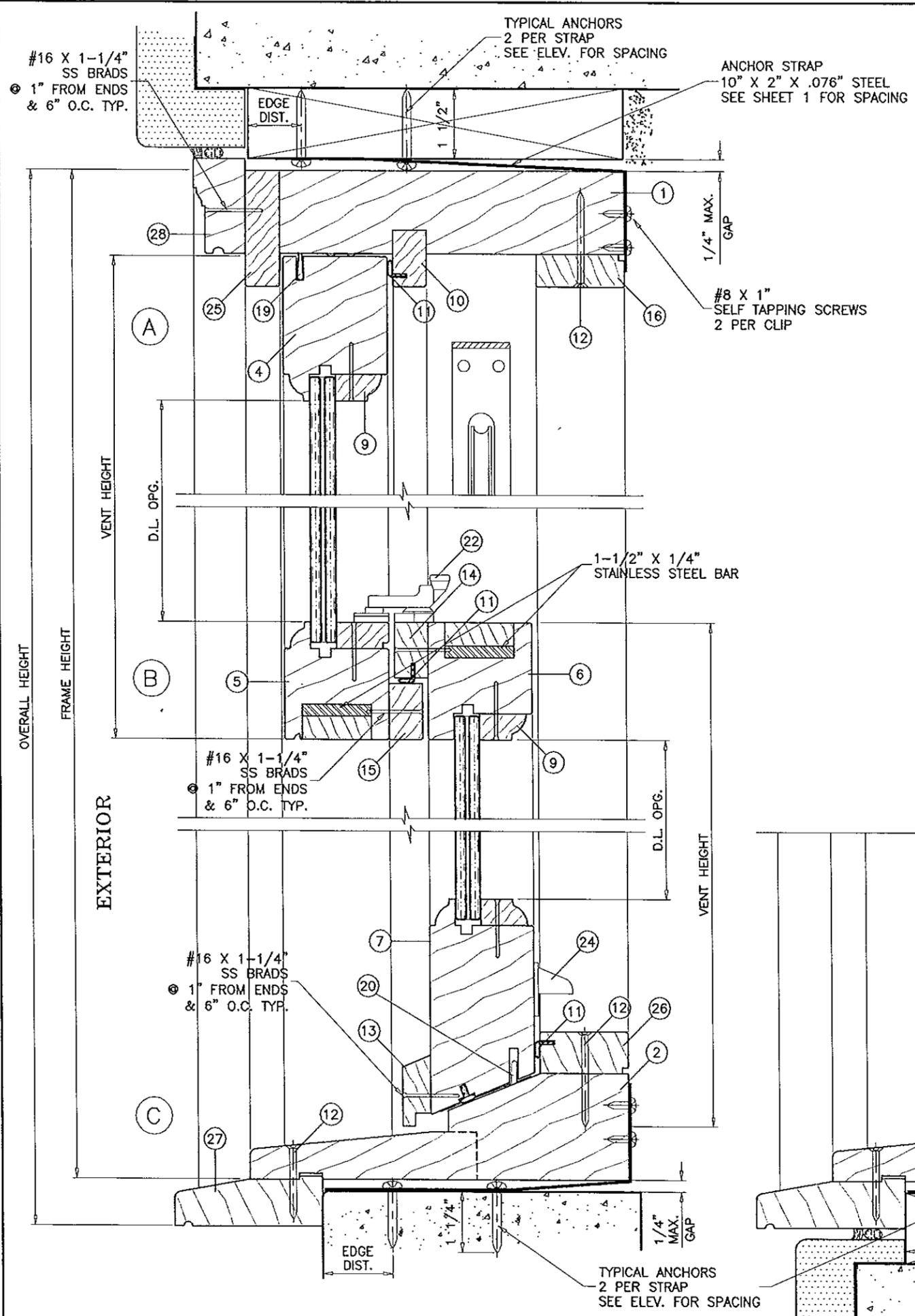
SERIES 2270 DOUBLE HUNG WOOD WDW. (L.M.I.)  
**ZELUCK INC.**  
5300 KINGS HIGHWAY  
BROOKLYN, N.Y. 11234  
TEL. (718) 251-8060 FAX (718) 531-2564

revisions:	no	date	by	description
	C	11.18.08		UPDATED FOR 2007 FBC
	D	04.09.13		UPDATED TO 2010 FBC
	E	08.14.13		REV. PER RER COMMENTS
	F	07.21.14		UPDATED TO 2014 FBC
	G	02.23.15		REV. PER RER COMMENTS

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538  
*[Signature]*  
FEB 23 2015

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 14-1015.01  
Expiration Date May 5, 2020  
By *[Signature]*  
Miami Dade Product Control

date: 01-14-05  
scale: 1/2"=1'-0"  
dr. by: HAMID  
chk. by:  
drawing no.  
**W05-03**  
sheet 1 of 5



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

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING  
**THRU INSTALLATION CLIPS**

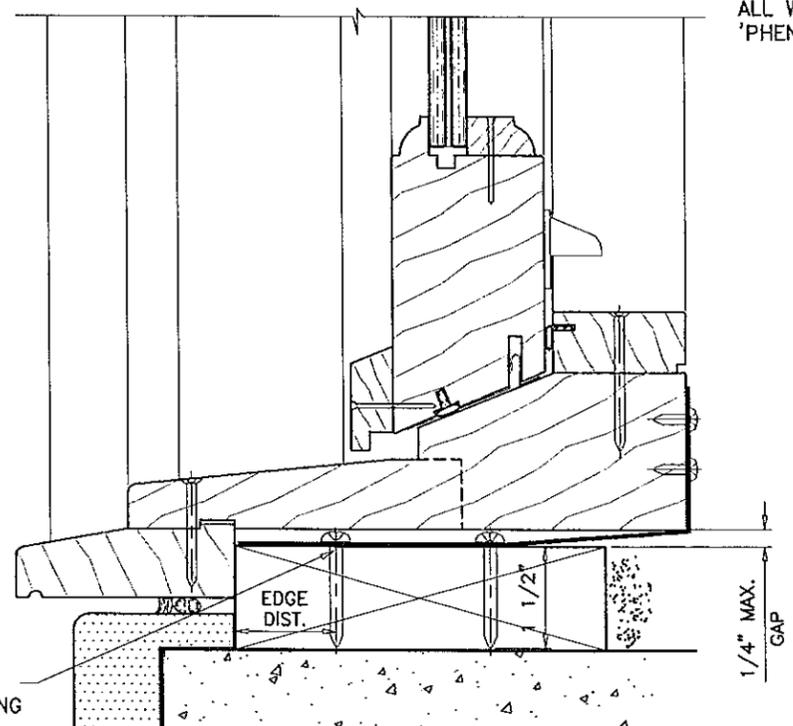
- #12 SMS  
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
1-1/2" MIN. PENETRATION INTO WOOD
- 3/16" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)  
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
1-1/2" MIN. PENETRATION INTO WOOD
- THRU 1BY BUCKS INTO CONC. OR MASONRY  
1-1/4" MIN. EMBED INTO CONC. OR MASONRY
- DIRECTLY INTO CONC. OR MASONRY  
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

#12 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)

**TYPICAL EDGE DISTANCE**  
INTO CONCRETE AND MASONRY = 1-1/2" MIN.  
INTO WOOD STRUCTURE = 1" MIN.  
INTO METAL STRUCTURE = 1/2" 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, INTERIOR AND EXTERIOR OF GLAZING  
TO BE SEALED WITH SILICONE SEALANT.  
ALL WOOD TO WOOD JOINTS GLUED WITH  
'PHENYL RESORCINOL' WATER PROOF ADHESIVE.



Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
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By *Manuel Perez*  
Miami Trade Product Control

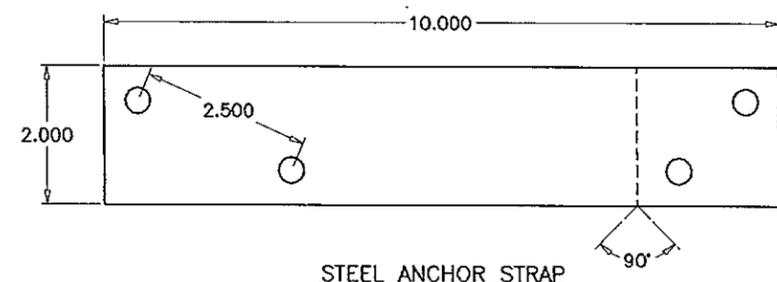
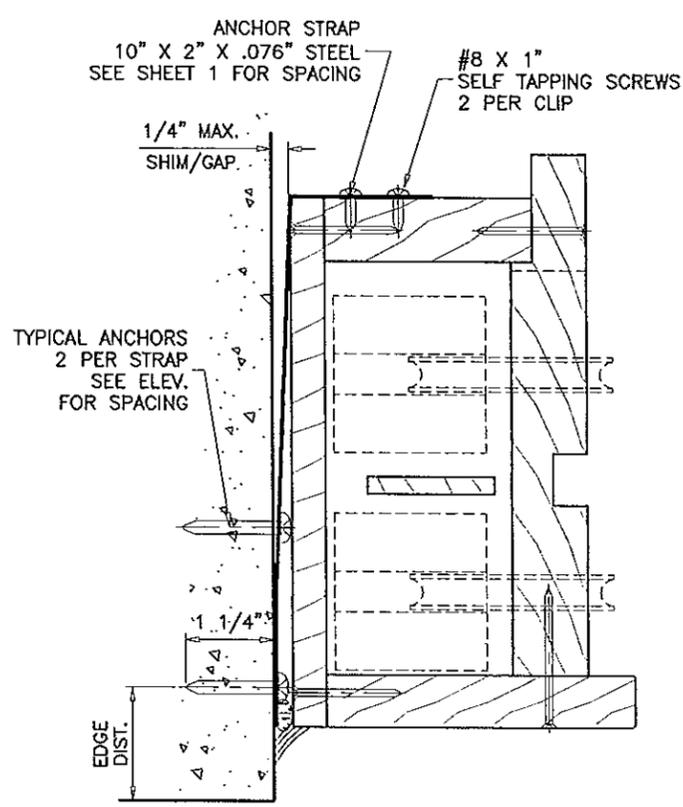
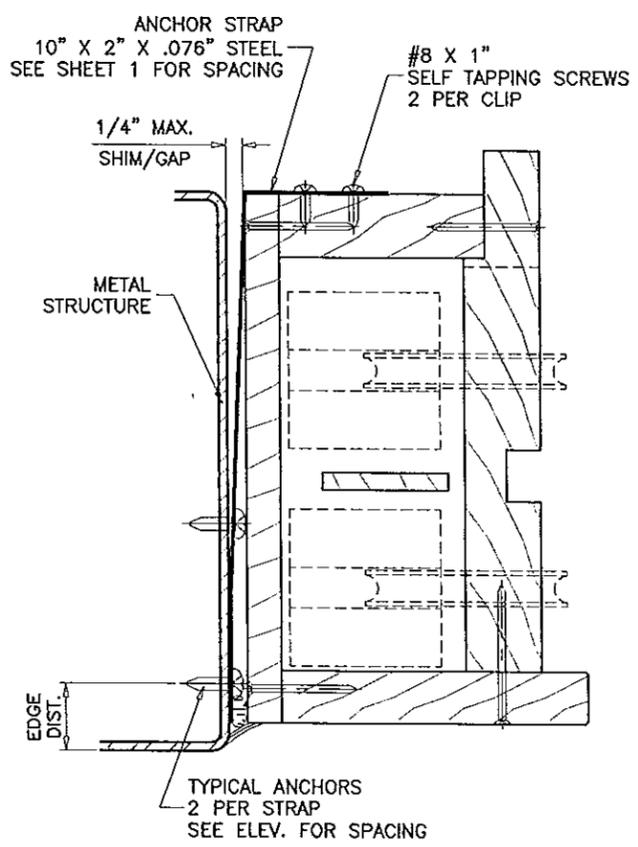
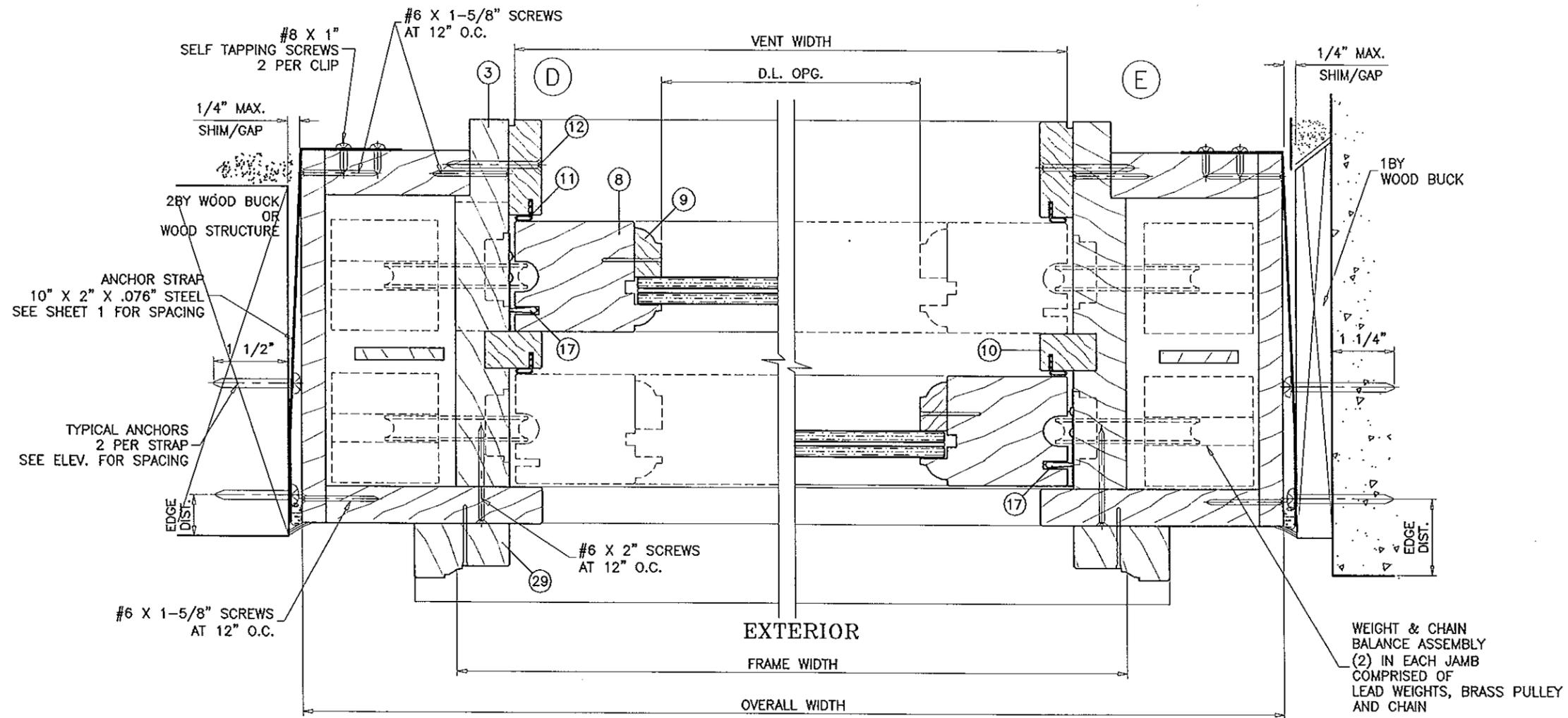
**AL-FAROOQ CORPORATION**  
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COMP-ANL W05-03Z1

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no	date	description	by
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D	04.09.13	NO CHANGE THIS SHEET	
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date: 01-14-05  
scale: 3/8" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W05-03**  
sheet 2 of 5



STEEL ANCHOR STRAP  
.076" MIN. THK.

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

*[Signature]*  
FEB 28 2015

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By *[Signature]*  
Miami Trade Product Control

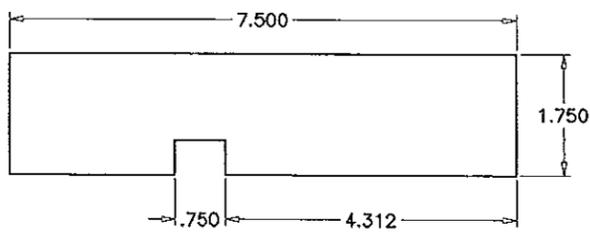
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**AL-FAROOQ CORPORATION**  
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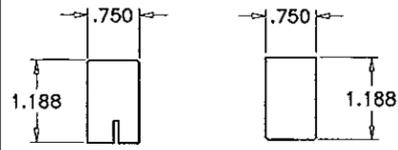
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chk. by:

drawing no.  
**W05-03**  
sheet 3 of 5

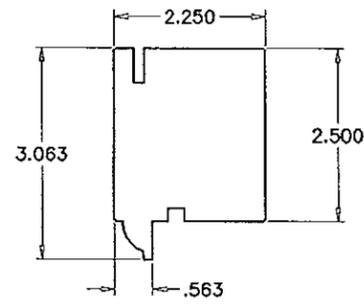


① FRAME HEAD

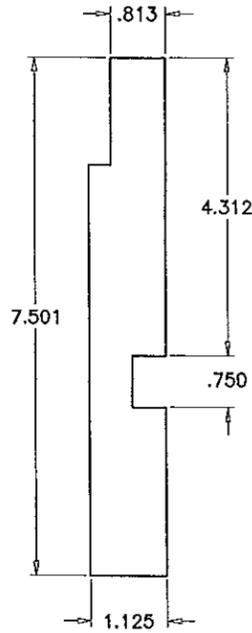


⑭ MTG. RAIL STRIPS ⑮

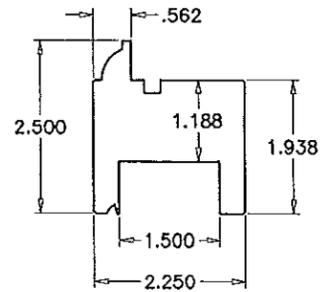
ITEM #	PART NO.	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	-	1	FRAME HEAD	WOOD	-
2	-	1	FRAME SILL	WOOD	-
3	-	2	FRAME JAMB	WOOD	-
4	-	1	TOP SASH TOP RAIL	WOOD	-
5	-	1	TOP SASH BOTTOM RAIL	WOOD	-
6	-	1	BOTTOM SASH TOP RAIL	WOOD	-
7	-	1	BOTTOM SASH BOTTOM RAIL	WOOD	-
8	-	2	SASH JAMB	WOOD	-
9	-	AS REQD.	GLAZING STOP	WOOD	-
10	-	AS REQD.	SASH STOP AT EXTERIOR	WOOD	-
11	-	AS REQD.	BULB GASKET 9/32" DIA.	FLEXIBLE VINYL	-
12	-	AS REQD.	# 8 X 2" WOOD SCREWS	-	⊙ 10" O.C.
13	-	1	DRIP CAP	WOOD	-
14	-	1	MTG. RAIL STRIP	WOOD	-
15	-	1	MTG. RAIL STRIP	WOOD	-
16	-	AS REQD.	SASH STOP INTERIOR	WOOD	⊙ 8" O.C.
17	NO. 6CHX	2	JAMB WEATHERSTRIPPING	BRONZE	ACCURATE
19	NO. 6CHX	1	FRAME HEAD WEATHERSTRIPPING	BRONZE	ACCURATE
20	NO. 3X	1	FRAME SILL WEATHERSTRIPPING	BRONZE	ACCURATE
21	NO. 46-59921	1	CHECK RAIL W'STRIPPING	EPDM	VARNAMO
22	NO. AWD-102	2	SASH LOCK AT 15" FROM ENDS ON INT. MTG. RAIL	BRONZE	BRONZE CRAFT
23	NO. AWD-100-1	2	SASH LOCK KEEPER ALIGNED WITH LOCKS ON EXT. MTG. RAIL	-	BRONZE CRAFT
24	NO. 26	2	SASH LIFT	-	BRONZE CRAFT
25	-	1	SASH STOP EXTERIOR	WOOD	-
26	-	1	SASH STOP SILL	WOOD	-
27	-	1	SILL NOSING	WOOD	-
28	-	AS REQD.	BRICK MOULDING (HEAD)	WOOD	-
29	-	AS REQD.	BRICK MOULDING JAMB (OPTIONAL)	WOOD	-
30	#9995-1	2	SASH LOCK AT 15" FROM ENDS ON INT. MTG. RAIL	BRONZE	MERIT
31	-	AS REQD.	SETTING BLOCKS	EPDM	DUROMETER 80±5 SHORE A



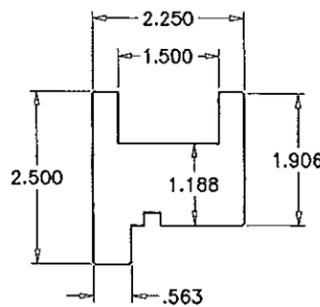
④ TOP SASH TOP RAIL



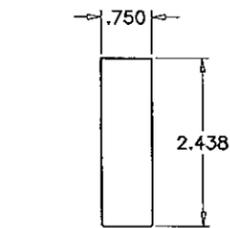
③ FRAME JAMB



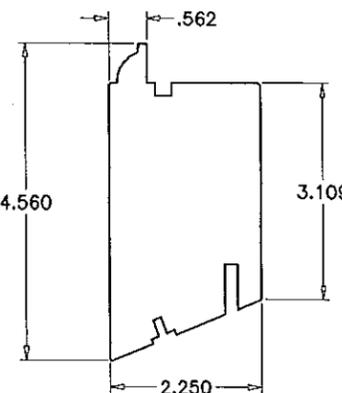
⑤ TOP SASH BOTTOM RAIL



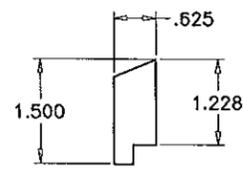
⑥ BOTTOM SASH TOP RAIL



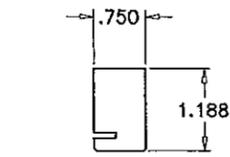
⑫ SASH STOP EXTERIOR



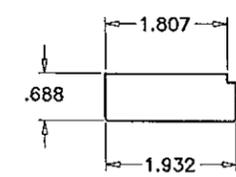
⑦ BOTTOM SASH BOTTOM RAIL



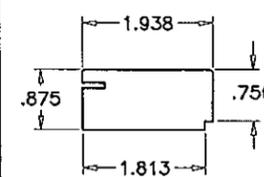
⑬ DRIP CAP



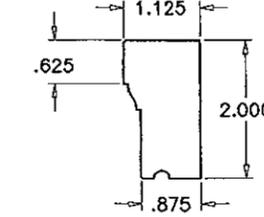
⑩ SASH STOP CENTER



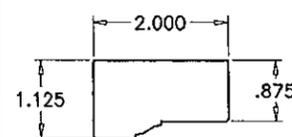
⑬ SASH STOP INTERIOR



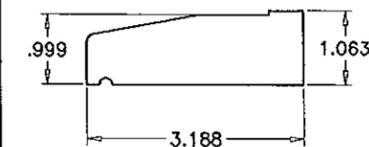
⑫ SASH STOP AT SILL



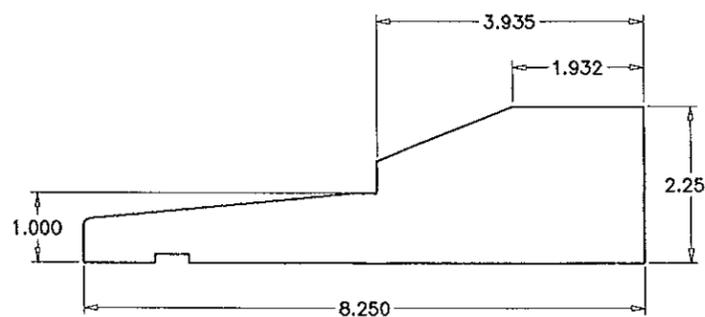
⑮ BRICK MUOLDING HEAD



⑯ BRICK MUOLDING JAMB



⑰ SILL NOSING



② FRAME SILL

TYPICAL WOOD-HONDURES MAHOGANY LUMBER

Engr: JAVAD AHMAD  
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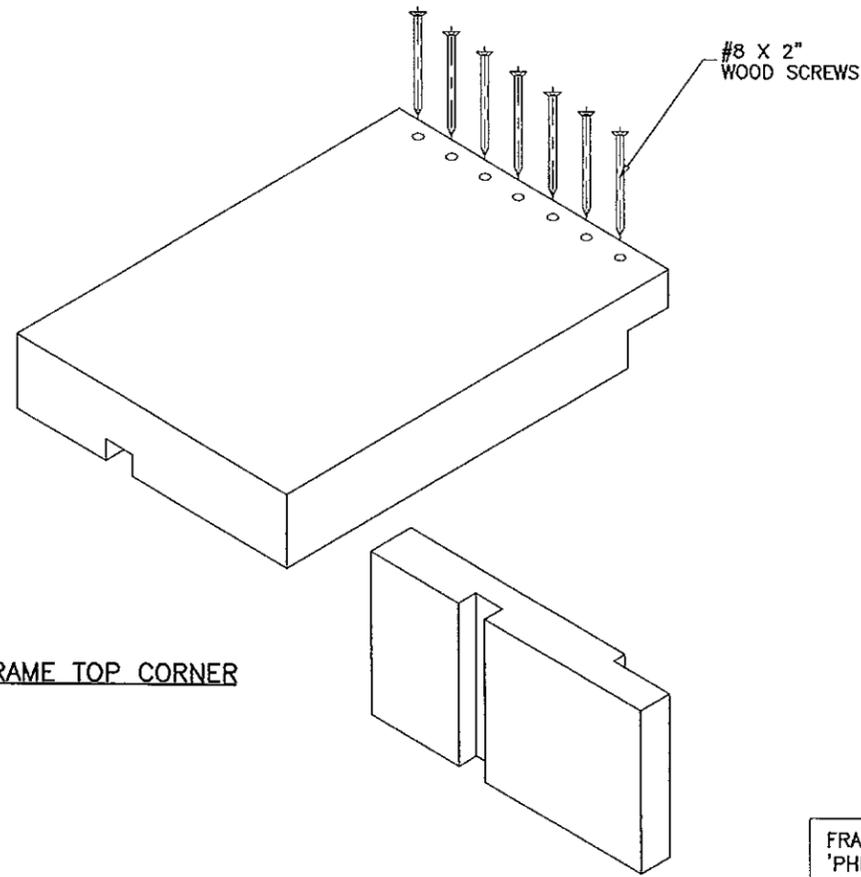
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revisions:	no	date	by	description
	C	11.18.08		NO CHANGE THIS SHEET
	D	04.09.13		LATCH ADDED
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	G	02.23.15		REV. PER PER COMMENTS

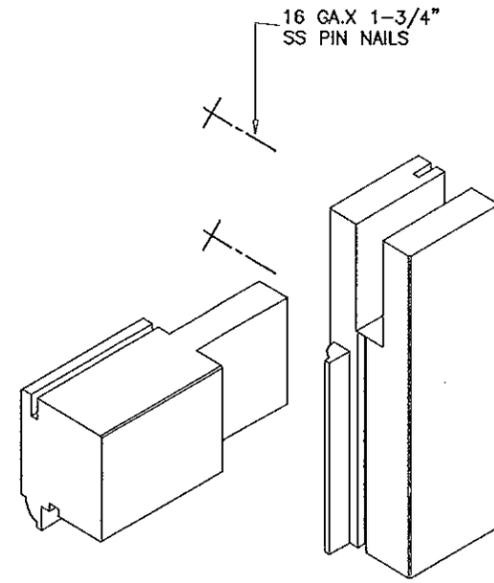
date: 01-14-05  
scale: 3/8" = 1"  
dr. by: HAMID  
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drawing no.  
**W05-03**  
sheet 4 of 5

FRAME TOP CORNER

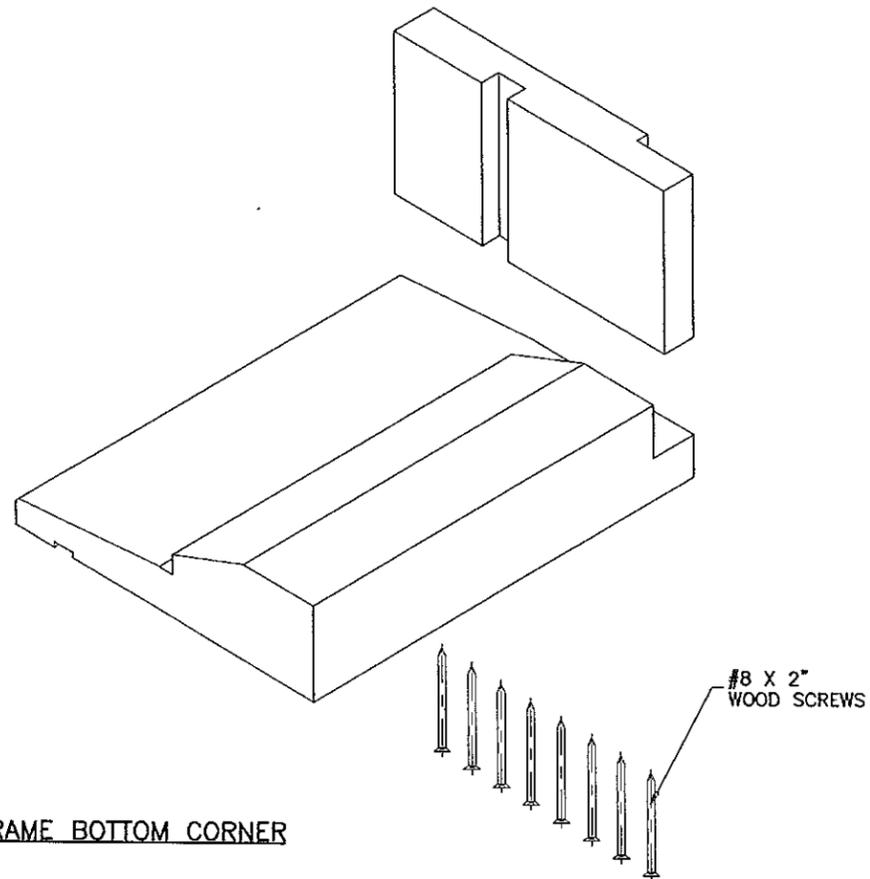


SASH TOP CORNER

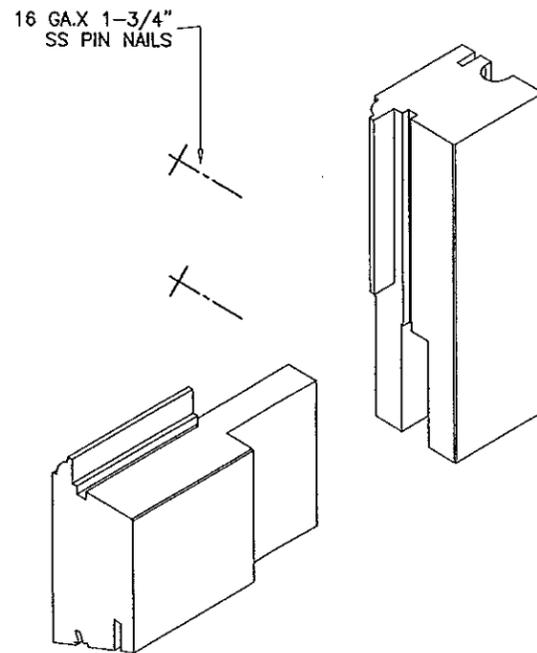


FRAME AND VENT CORNERS SEALED/GLUED WITH 'PHENYL RESORCINOL' WATER PROOF ADHESIVE

FRAME BOTTOM CORNER



SASH BOTTOM CORNER



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

*[Signature]*

FEB 23 2015

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 14-1015.01  
Expiration Date May 5, 2020

By *[Signature]*  
Miami Dade Product Control

**af c**

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

SERIES 2270 DOUBLE HUNG WOOD WDW. (L.M.I.)

**ZELUCK INC.**  
5300 KINGS HIGHWAY  
BROOKLYN, N.Y. 11234  
TEL. (718) 251-8060 FAX (718) 531-2564

REVISIONS:		BY	DESCRIPTION
NO	DATE		
C	11.18.08		NO CHANGE THIS SHEET
D	04.09.13		NO CHANGE THIS SHEET
E	08.14.13		REV. PER PER COMMENTS
F	07.21.14		NO CHANGE THIS SHEET
G	02.23.15		NO CHANGE THIS SHEET

date: 01-14-05  
scale: 3/8" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W05-03**

sheet 5 of 5

COMP-ANL\W05-03Z1