



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.buildingcodeonline.com](http://www.buildingcodeonline.com)

**M.Q. Windows**  
**1855 Griffin Rd. Suite A-271**  
**Dania, Florida 33004**

**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 S200 Wood Single Hung Windows-LMI**

**APPROVAL DOCUMENT:** Drawing No. **W06-11**, titled "Series S200 Single Hung Wood WDW.(LMI)", sheets 1 and 9 of 9, dated 02/14/06, 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**

**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 and E-2, as well as approval document mentioned above. The submitted documentation was reviewed by **Jaime D. Gascon, P.E.**



*J. Gascon*  
*7/12/06*

NOA No 06-0505.09  
Expiration Date: August 03, 2011  
Approval Date: August 03, 2006  
Page 1

M.Q. Windows

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

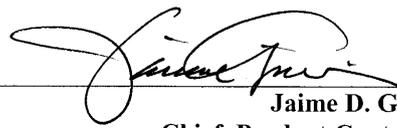
1. Manufacturer's die drawings and sections.
2. Drawing No. **W06-11**, titled "Series S200 Single Hung Wood WDW. (LMI)", sheets 1 and 9 of 9, dated 02/14/06, prepared by Al Farooq Corporation, signed and sealed by Humayoun Farooq, P.E.

**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  
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94.  
along with installation diagram of a wood single hung window with rectangular transom, prepared by Hurricane Test Laboratory, LLC. Test Report No. **G118-0202-05** and **G118-0705-05**, dated 02/08-11/05, signed and sealed by Vinu J. Abraham, P.E.
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 installation diagram of single hung window with radius transom, prepared by Hurricane Test Laboratory, LLC., Test Report No. **0118-1215-03**, dated 12/17/03-01/15/04, signed and sealed by Vinu J. Abraham, P.E.
3. Test reports on 1) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with installation diagram of single hung window with radius fixed transom, prepared by Hurricane Test Laboratory, LLC., Test Report No. **0118-1215-04**, dated 12/17/03-01/15/04, signed and sealed by Vinu J. Abraham, P.E.

**C. CALCULATIONS**

1. Anchor Calculations, and structural analysis, prepared by AL-Farooq Corporation, dated 03/08/06, signed and sealed by Humayoun Farooq, P.E.  
**Complies with ASTM E 1300-02**



Jaime D. Gascon, P.E.  
Chief, Product Control Division  
NOA No 06-0505.09

Expiration Date: August 03, 2011  
Approval Date: August 03, 2006

M.Q. Windows

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. 06-0216.06, issued to Solutia Inc., for their "Saflex III Clear or colored interlayer", approved on 05/04/06 and expiring on 05/21/11.

**F. STATEMENTS**

1. Statement letter of conformance and statement letter of no financial interest dated March 09, 2006, signed and sealed by Dr. Humayoun Farooq, P.E.

**G. OTHER**

1. Letter from the consultant dated 06/18/06, stating that the product is in compliance with the Florida Building Code (FBC).



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Jaime D. Gascon, P.E.  
Chief, Product Control Division  
NOA No 06-0505.09

Expiration Date: August 03, 2011  
Approval Date: August 03, 2006

**SERIES S200 SINGLE HUNG WOOD WINDOW**

DESIGN LOAD RATING FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 2.

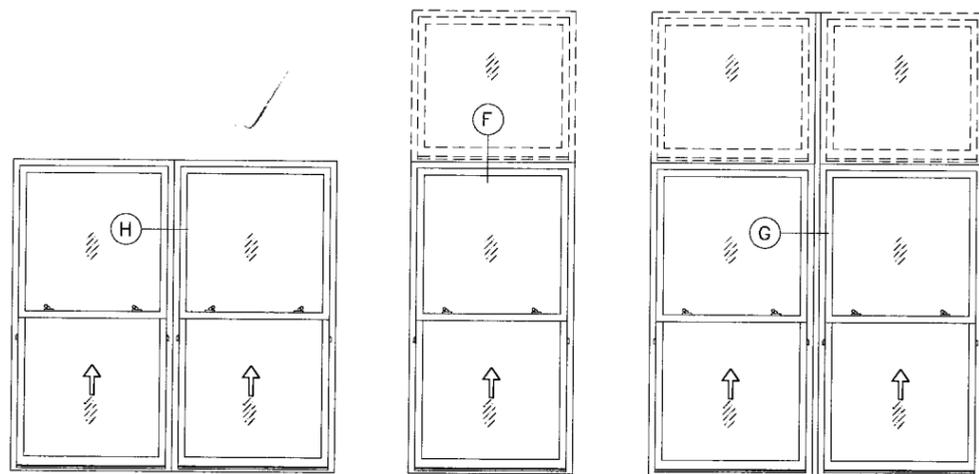
THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 EDITION AND 2005 SUPPLEMENT INCLUDING HIGH VELOCITY HURRICANE ZONE.

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.

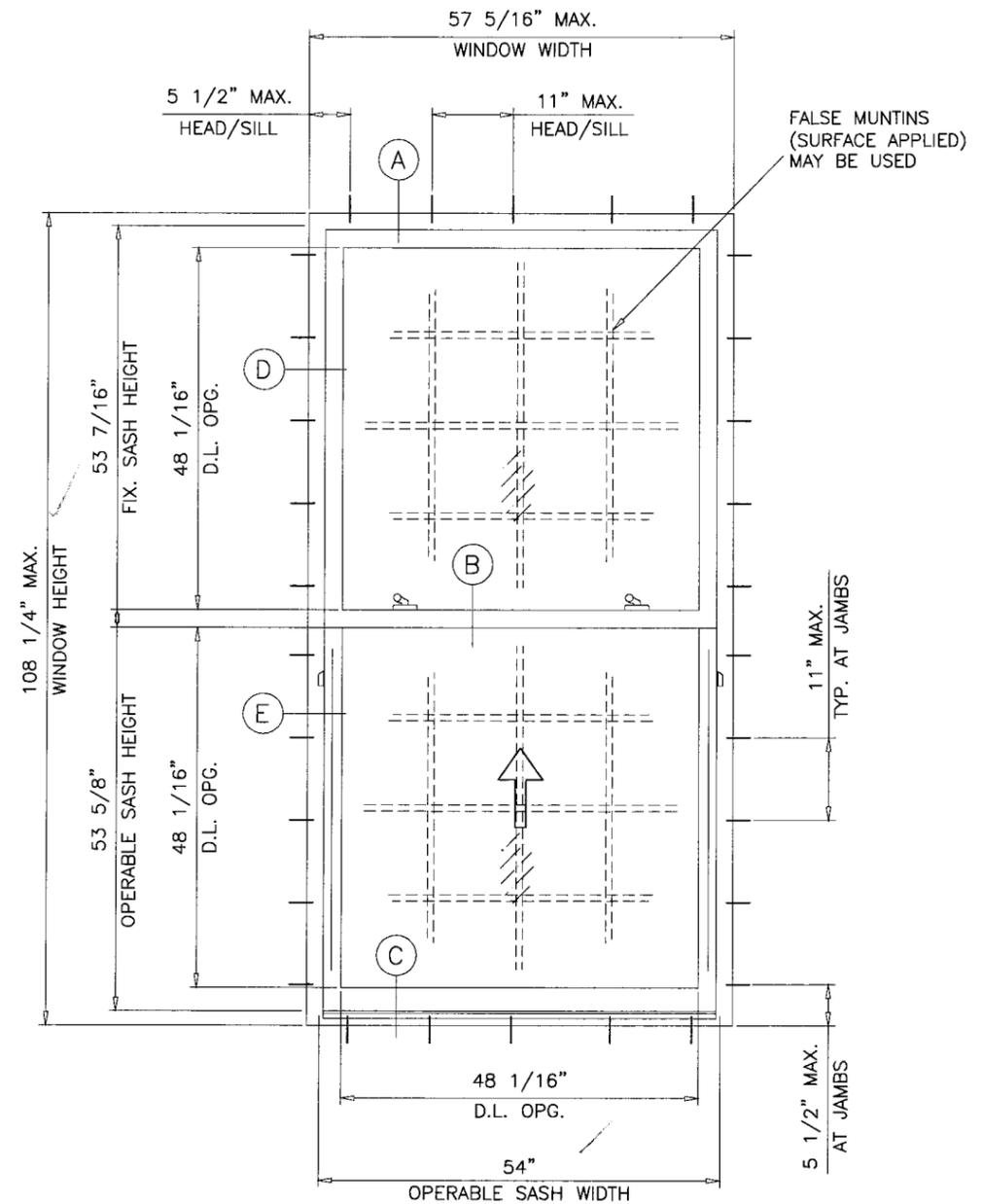
ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

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



**APPROVED CONFIGURATIONS**

APPROVAL APPLIES TO INDIVIDUAL UNITS OF SINGLE HUNG WINDOWS OR FIXED OVER SINGLE HUNG WINDOWS.  
 ALSO SIDE BY SIDE COMBINATIONS OF S.H. TO S.H. IN MODULES OF TWO OR MORE UNITS.  
 ALSO SIDE BY SIDE COMBINATIONS OF FIX./S.H. TO FIX./S.H. IN MODULES OF TWO OR MORE UNITS USING MIAMI-DADE COUNTY APPROVED MULLION IN BETWEEN.  
 LOWER DESIGN PRESSURES FROM WINDOW OR MULLION APPROVALS WILL APPLY TO ENTIRE SYSTEM.



**TYPICAL ELEVATION**

Approved as complying with the Florida Building Code  
 Date: 06/03/06  
 NOA# 06-0505.09  
 Miami Dade Product Control  
 Division  
 By: *[Signature]*

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

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

*[Signature]*  
 APR 20 2006

**AL-FAROOQ CORPORATION**  
 ENGINEERS, PLANNERS & PRODUCT DESIGN  
 1235 SW 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W06-11MQ

**MQ windows and doors**  
 4508 rte 117  
 Ste-Agathe-des-Monts  
 QC, Canada  
 TEL. (819) 326-0321 FAX. (819) 321-1791

no	date	description

date: 02-14-06  
 scale: 1/2"=1'-0"  
 dr. by: HAMID  
 chk. by:

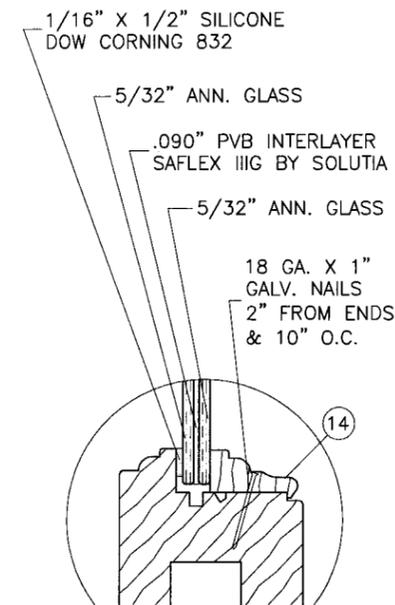
drawing no.  
**W06-11**  
 sheet 1 of 9

DESIGN LOAD CAPACITY - PSF					
WINDOW DIMS.		GLASS TYPES 'A' & 'B'		GLASS TYPES 'A1' & 'B1'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
26-1/2"	34-1/4"	60.0	70.0	60.0	70.0
32"		60.0	70.0	60.0	70.0
37"		60.0	70.0	60.0	70.0
42"		60.0	70.0	60.0	70.0
48"		60.0	70.0	60.0	70.0
53-1/8"		60.0	70.0	60.0	70.0
57-5/16"	60.0	70.0	60.0	70.0	
26-1/2"	46-1/4"	60.0	70.0	60.0	70.0
32"		60.0	70.0	60.0	70.0
37"		60.0	70.0	60.0	70.0
42"		60.0	70.0	60.0	70.0
48"		60.0	70.0	60.0	70.0
53-1/8"		60.0	70.0	60.0	70.0
57-5/16"	60.0	70.0	60.0	70.0	
26-1/2"	58-1/4"	60.0	70.0	60.0	70.0
32"		60.0	70.0	60.0	70.0
37"		60.0	70.0	60.0	70.0
42"		60.0	70.0	60.0	70.0
48"		60.0	70.0	60.0	70.0
53-1/8"		60.0	70.0	60.0	70.0
57-5/16"	60.0	70.0	60.0	70.0	
26-1/2"	70-1/4"	60.0	70.0	60.0	70.0
32"		60.0	70.0	60.0	70.0
37"		60.0	70.0	60.0	70.0
42"		60.0	70.0	60.0	70.0
48"		60.0	70.0	60.0	70.0
53-1/8"		60.0	70.0	60.0	70.0
57-5/16"	60.0	70.0	60.0	70.0	
26-1/2"	82-1/4"	60.0	70.0	60.0	70.0
32"		60.0	70.0	60.0	70.0
37"		60.0	70.0	60.0	70.0
42"		60.0	70.0	60.0	70.0
48"		60.0	70.0	60.0	70.0
53-1/8"		60.0	70.0	60.0	70.0
57-5/16"	60.0	69.4	60.0	69.1	
26-1/2"	94-1/4"	60.0	70.0	60.0	70.0
32"		60.0	70.0	60.0	70.0
37"		60.0	70.0	60.0	70.0
42"		60.0	70.0	60.0	70.0
48"		60.0	70.0	60.0	70.0
53-1/8"		60.0	64.5	60.0	66.0
57-5/16"	59.8	59.8	60.0	61.0	
26-1/2"	108-1/4"	60.0	70.0	60.0	70.0
32"		60.0	70.0	60.0	70.0
37"		60.0	70.0	60.0	70.0
42"		60.0	70.0	60.0	70.0
48"		60.0	63.1	60.0	64.0
53-1/8"		55.9	55.9	57.6	57.6
57-5/16"	55.9	55.9	57.6	57.6	

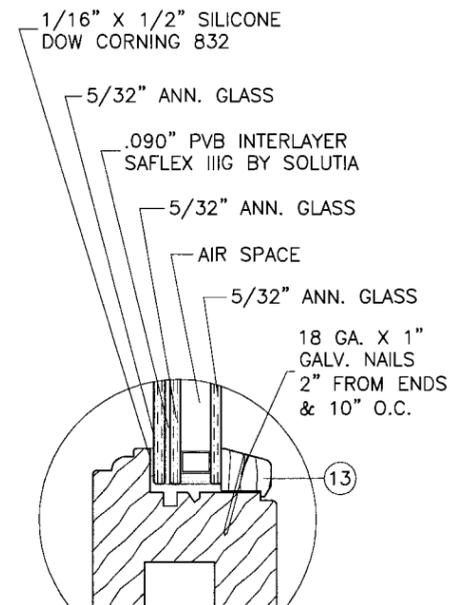
GLASS CAPACITIES ON THIS CHART ARE BASED ON ASTM E1300-98 (60 SEC. WIND)

DESIGN LOAD CAPACITY - PSF					
WINDOW DIMS.		GLASS TYPES 'A' & 'B'		GLASS TYPES 'A1' & 'B1'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
26-1/2"	34-1/4"	60.0	70.0	60.0	70.0
32"		60.0	70.0	60.0	70.0
37"		60.0	70.0	60.0	70.0
42"		60.0	70.0	60.0	70.0
48"		60.0	70.0	60.0	70.0
53-1/8"		60.0	70.0	60.0	70.0
57-5/16"	60.0	70.0	60.0	70.0	
26-1/2"	46-1/4"	60.0	70.0	60.0	70.0
32"		60.0	70.0	60.0	70.0
37"		60.0	70.0	60.0	70.0
42"		60.0	70.0	60.0	70.0
48"		60.0	70.0	60.0	70.0
53-1/8"		60.0	70.0	60.0	70.0
57-5/16"	60.0	70.0	60.0	70.0	
26-1/2"	58-1/4"	60.0	70.0	60.0	70.0
32"		60.0	70.0	60.0	70.0
37"		60.0	70.0	60.0	70.0
42"		60.0	70.0	60.0	70.0
48"		60.0	70.0	60.0	70.0
53-1/8"		60.0	70.0	60.0	70.0
57-5/16"	60.0	70.0	60.0	70.0	
26-1/2"	70-1/4"	60.0	70.0	60.0	70.0
32"		60.0	70.0	60.0	70.0
37"		60.0	70.0	60.0	70.0
42"		60.0	70.0	60.0	70.0
48"		60.0	70.0	60.0	70.0
53-1/8"		60.0	70.0	60.0	70.0
57-5/16"	60.0	70.0	60.0	70.0	
26-1/2"	82-1/4"	60.0	70.0	60.0	70.0
32"		60.0	70.0	60.0	70.0
37"		60.0	70.0	60.0	70.0
42"		60.0	70.0	60.0	70.0
48"		60.0	70.0	60.0	70.0
53-1/8"		60.0	70.0	60.0	70.0
57-5/16"	60.0	70.0	60.0	70.0	
26-1/2"	94-1/4"	60.0	70.0	60.0	70.0
32"		60.0	70.0	60.0	70.0
37"		60.0	70.0	60.0	70.0
42"		60.0	70.0	60.0	70.0
48"		60.0	70.0	60.0	70.0
53-1/8"		60.0	70.0	60.0	70.0
57-5/16"	60.0	70.0	60.0	70.0	
26-1/2"	108-1/4"	60.0	70.0	60.0	70.0
32"		60.0	70.0	60.0	70.0
37"		60.0	70.0	60.0	70.0
42"		60.0	70.0	60.0	70.0
48"		60.0	70.0	60.0	70.0
53-1/8"		60.0	70.0	60.0	70.0
57-5/16"	60.0	70.0	60.0	70.0	

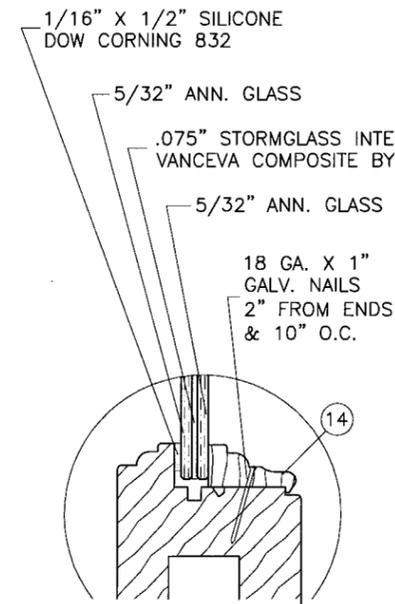
GLASS CAPACITIES ON THIS CHART ARE BASED ON ASTM E1300-02 (3 SEC. GUSTS) WITH REDUCTIONS FOR FLEXIBLE SUPPORTS TO COMPLY WITH SECTION 2403.2 OF FBC 2004 EDITION.



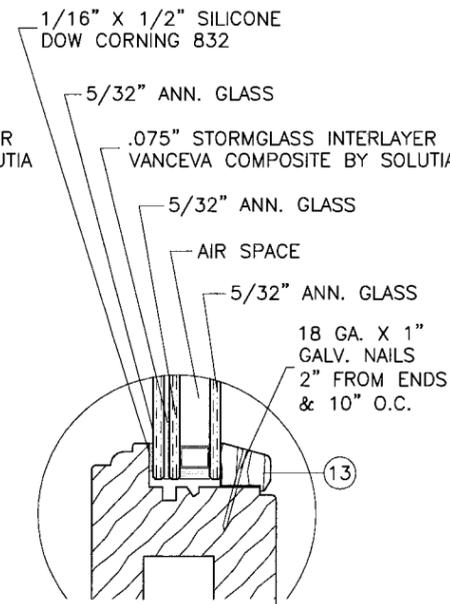
GLASS TYPE 'A'



GLASS TYPE 'A1'



GLASS TYPE 'B'



GLASS TYPE 'B1'

GLAZING OPTIONS

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

Approved as complying with the Florida Building Code  
Date 08/03/04  
NOA# 06-0505.09  
Miami Dade Product Control  
Division  
By: *[Signature]*

APR 20 2006



**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W06-11MQ

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SERIES S200 SINGLE HUNG WOOD WDW.(L.M.I.)

**mq** windows and doors  
4508 rte 117  
Ste-Agathe-des-Monts  
QC, Canada  
TEL. (819) 326-0321 FAX (819) 321-1791

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revisions:	no	date	by	description

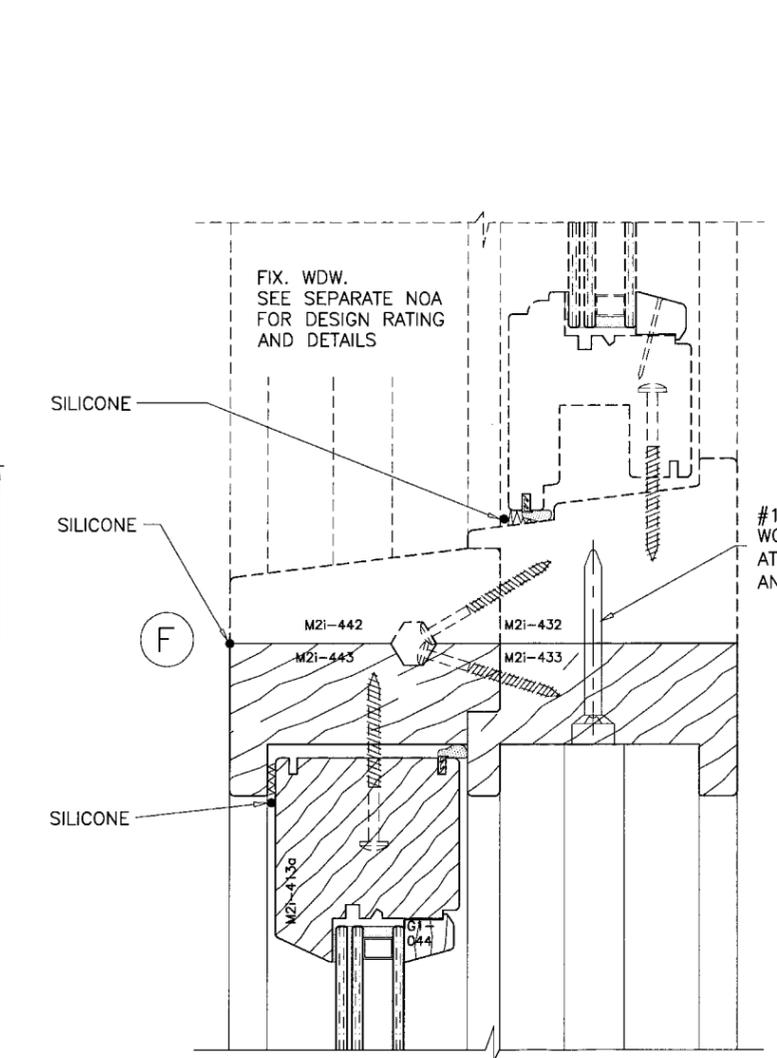
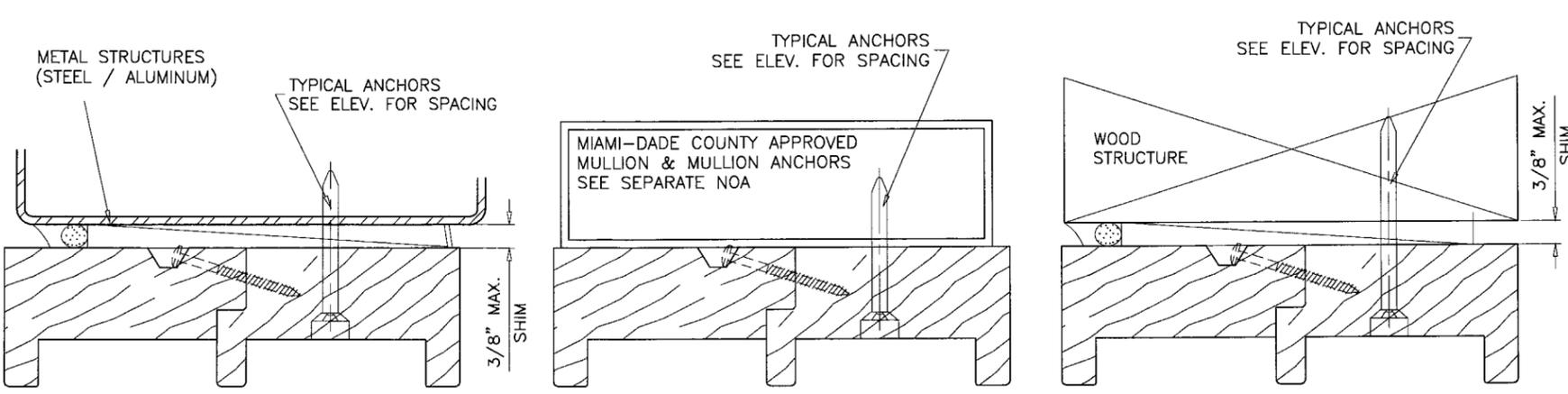
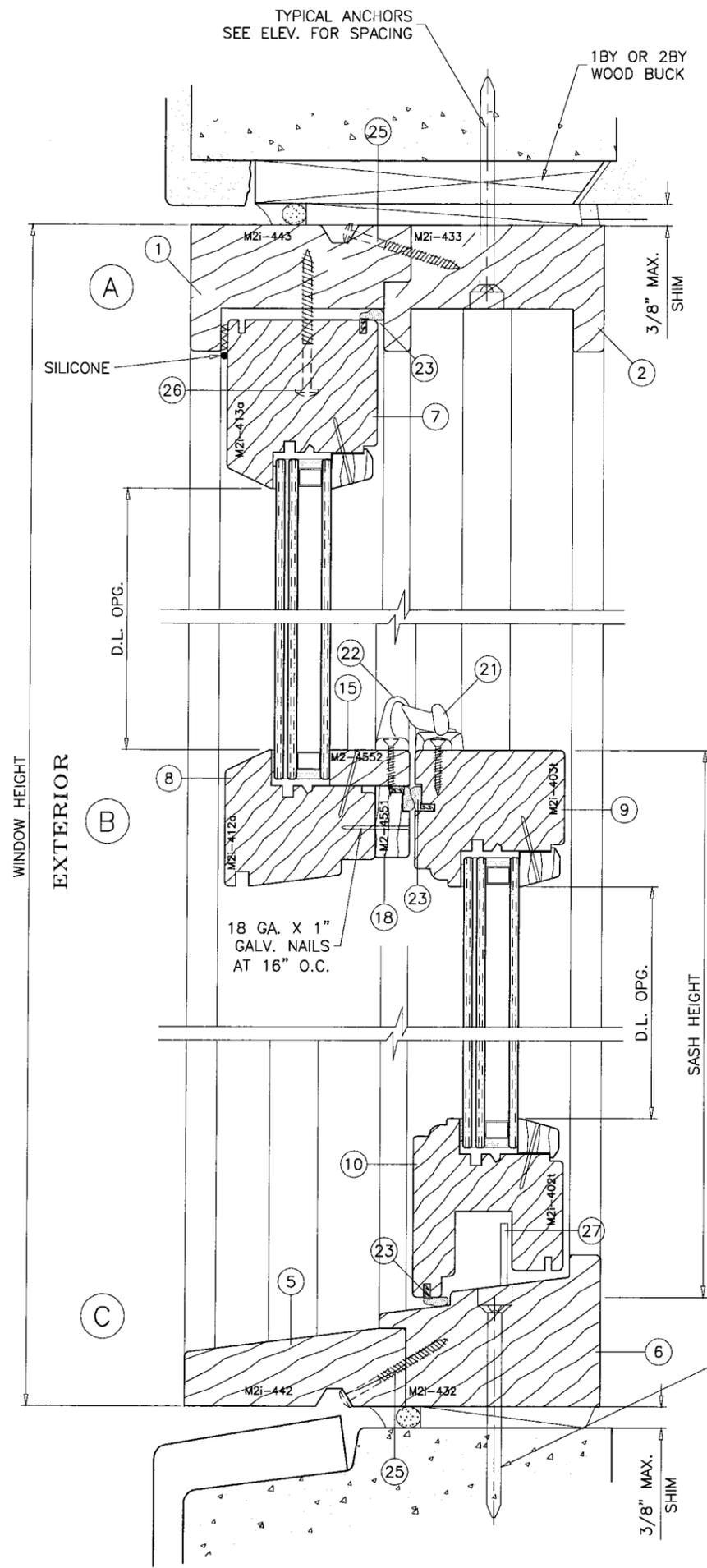
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date: 02-14-06	scale: 3/8" = 1"	dr. by: H-AMID	chk. by:
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drawing no. **W06-11**

sheet 2 of 9



**TYPICAL ANCHORS**

**ANCHORS THRU WINDOW FRAME**

- 1/4" DIA. TAPCONS**
- INTO 2BY WOOD BUCKS OR WOOD STRUCTURE  
1-1/2" MIN. PENETRATION INTO WOOD
- THRU WOOD 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)

**ANCHORS THRU INSTALLATION ANGLE**

- #12 SMS**
- INTO 2BY WOOD BUCKS OR WOOD STRUCTURE  
1-1/2" MIN. PENETRATION INTO WOOD
- 1/4" DIA. TAPCONS**
- THRU WOOD 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

**TYPICAL EDGE DISTANCE**

- INTO CONCRETE AND MASONRY = 1-1/2" MIN.
- INTO WOOD STRUCTURE = 5/8" MIN.
- INTO METAL STRUCTURE = 5/8" MIN.

**NOTES:**

- CLEAR SILICONE SEALANT AT SHOWN INTERFACES.
- ⊙ BACKING ROD AND SEALANT AS REQUIRED.

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

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

Approved as complying with the  
Florida Building Code  
Date 08/03/04  
NOA# 06-0508-09  
Miami Dade Product Control  
Division  
By *[Signature]*

APR 20 2006

*afc*

**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W06-11MQ

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SERIES S200 SINGLE HUNG WOOD WDW.(L.M.I.)

**MQ windows and doors**  
4508 rte 117  
Ste-Agathe-des-Monts  
QC, Canada  
TEL (819) 326-0321 FAX (819) 321-1791

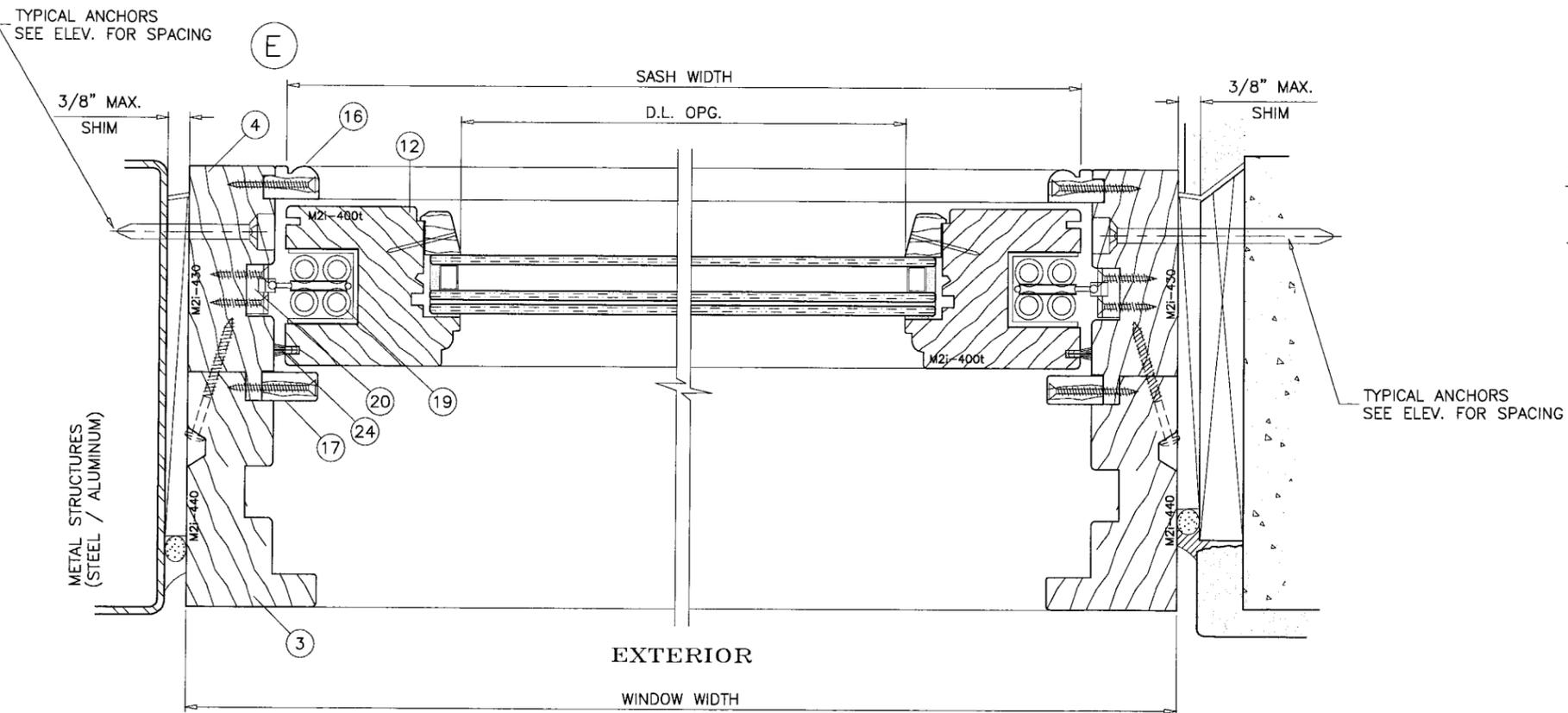
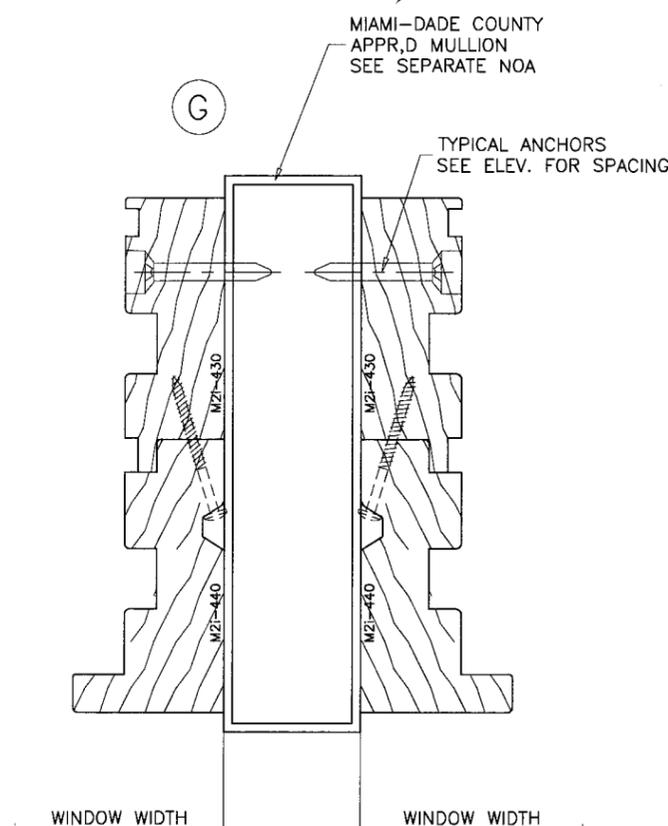
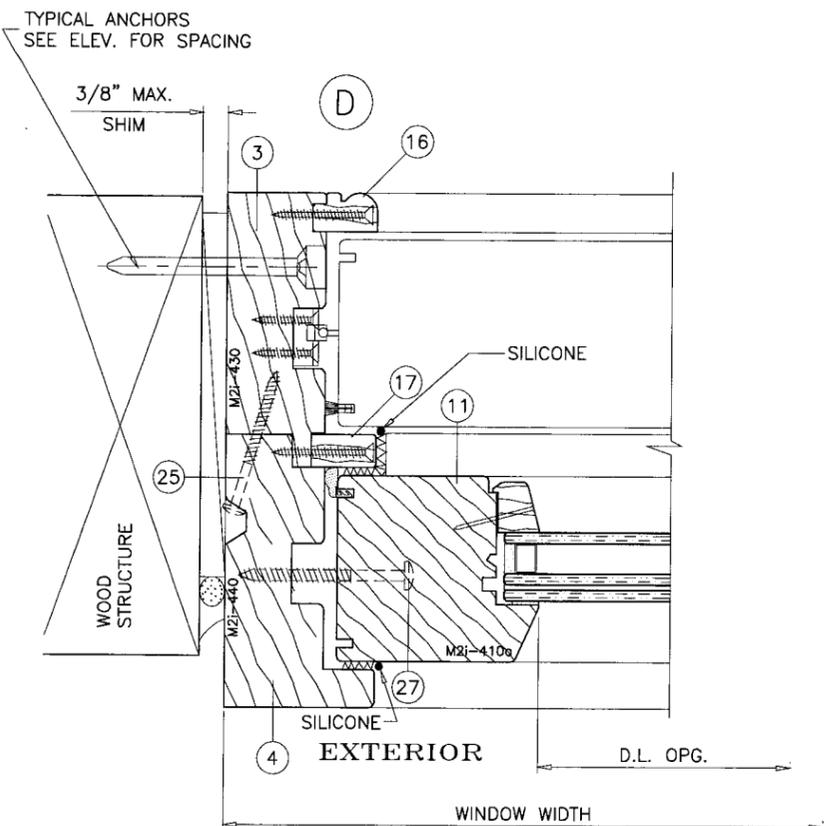
**MQ**  
WINDOWS  
OF EUROPE AND  
THE AMERICAS

revisions:	no	date	by	description

date: 02-14-06  
scale: 3/8" = 1"  
dr. by: HAMID  
chk. by: *[Signature]*

drawing no.  
**W06-11**

sheet 3 of 9



- NOTES:**
- CLEAR SILICONE SEALANT AT SHOWN INTERFACES.
  - BACKING ROD AND SEALANT AS REQUIRED.

Approved as complying with the  
 Florida Building Code  
 Date 08/03/06  
 NOA# 06-0503.09  
 Miami Dade Product Control  
 Division  
 By *[Signature]*

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

*[Signature]*  
 APR 20 2006



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**AL-FAROOQ CORPORATION**  
 ENGINEERS, PLANNERS & PRODUCT DESIGN  
 1235 SW 87 AVE  
 MIAMI, FLORIDA 33174  
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 COMP-ANL\W06-11MQ

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SERIES S200 SINGLE HUNG WOOD WDW.(L.M.I.)

**MQ windows and doors**  
 4508 rte 117  
 Ste-Agathe-des-Monts  
 QC, Canada  
 TEL. (819) 326-0321 FAX (819) 321-1791



WINDOWS  
 OF EUROPE AND  
 THE AMERICAS

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no	date	by description

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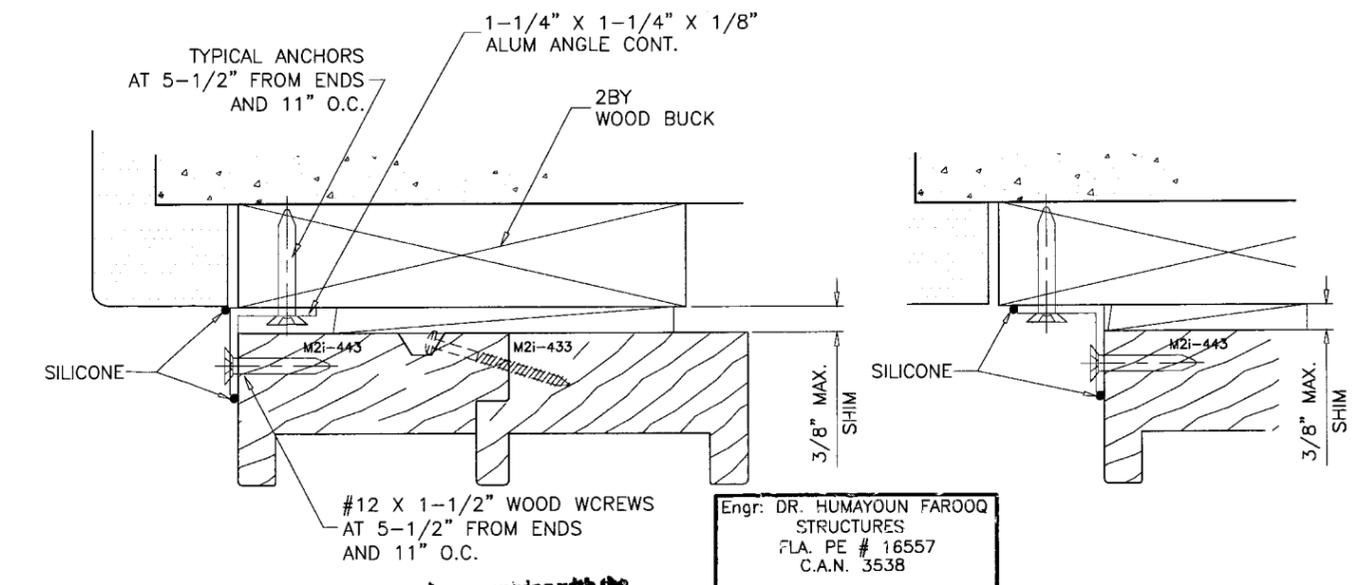
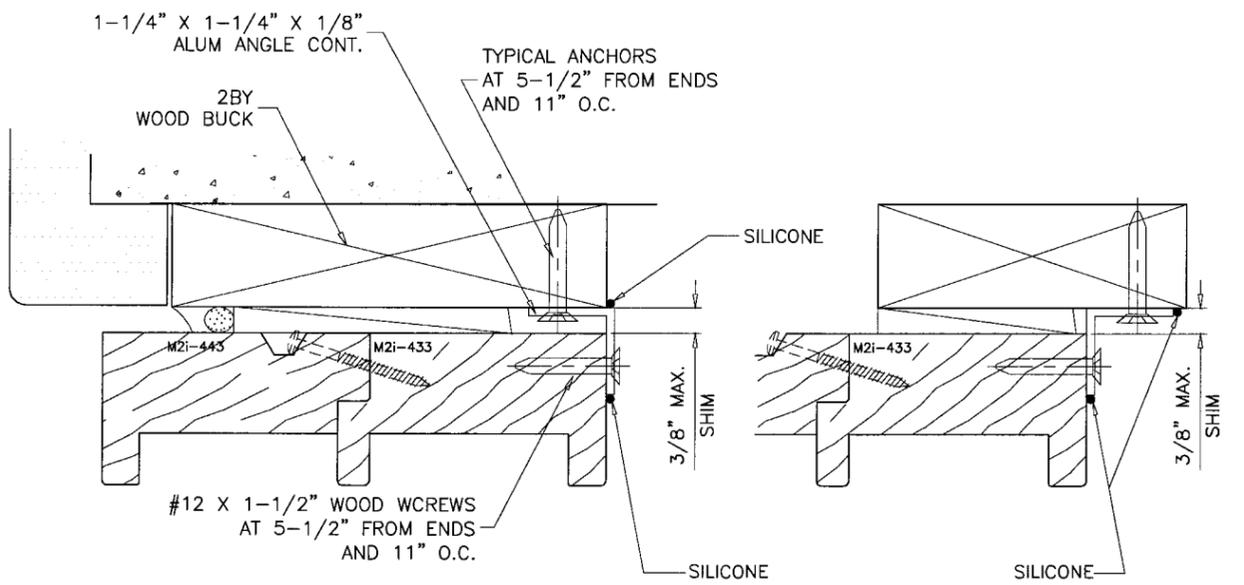
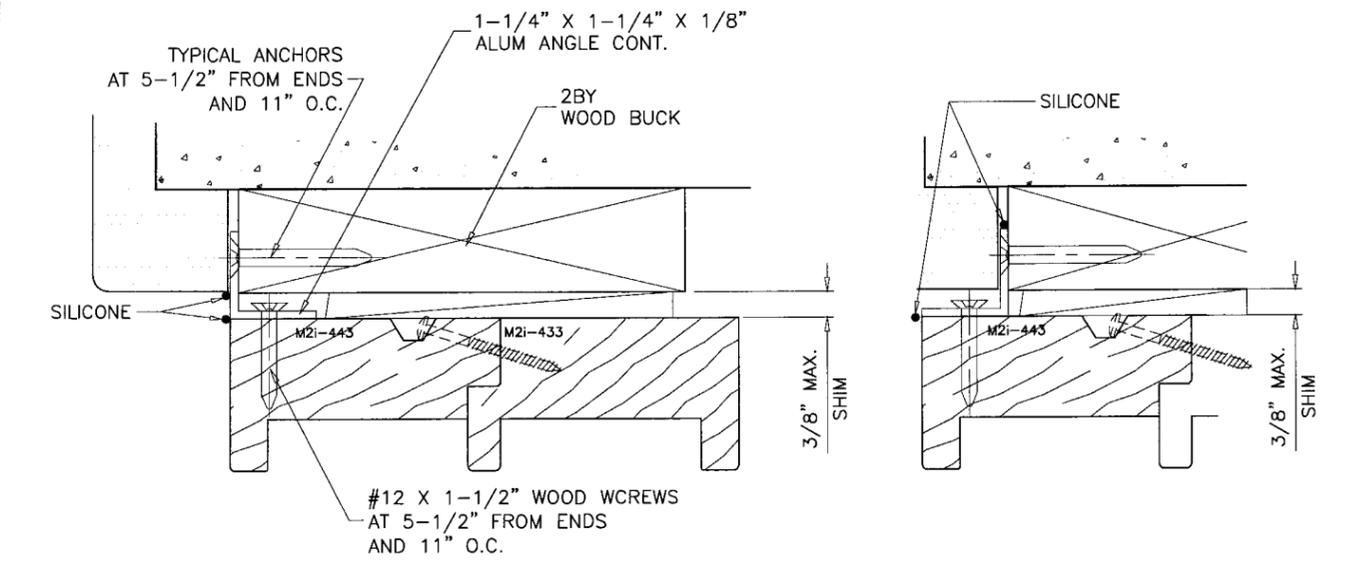
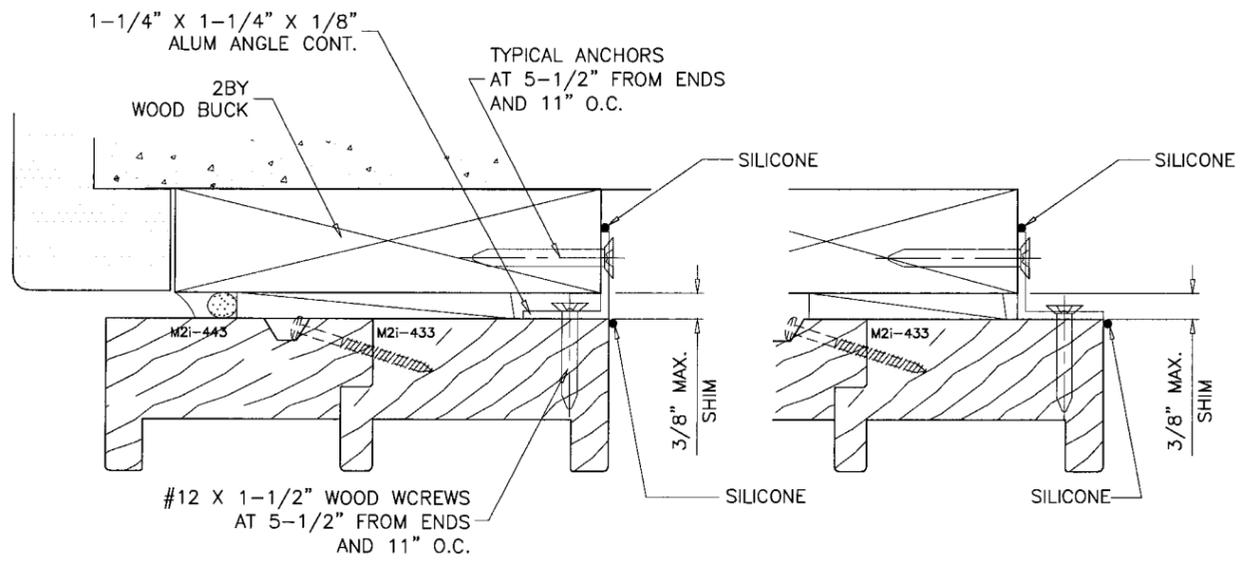
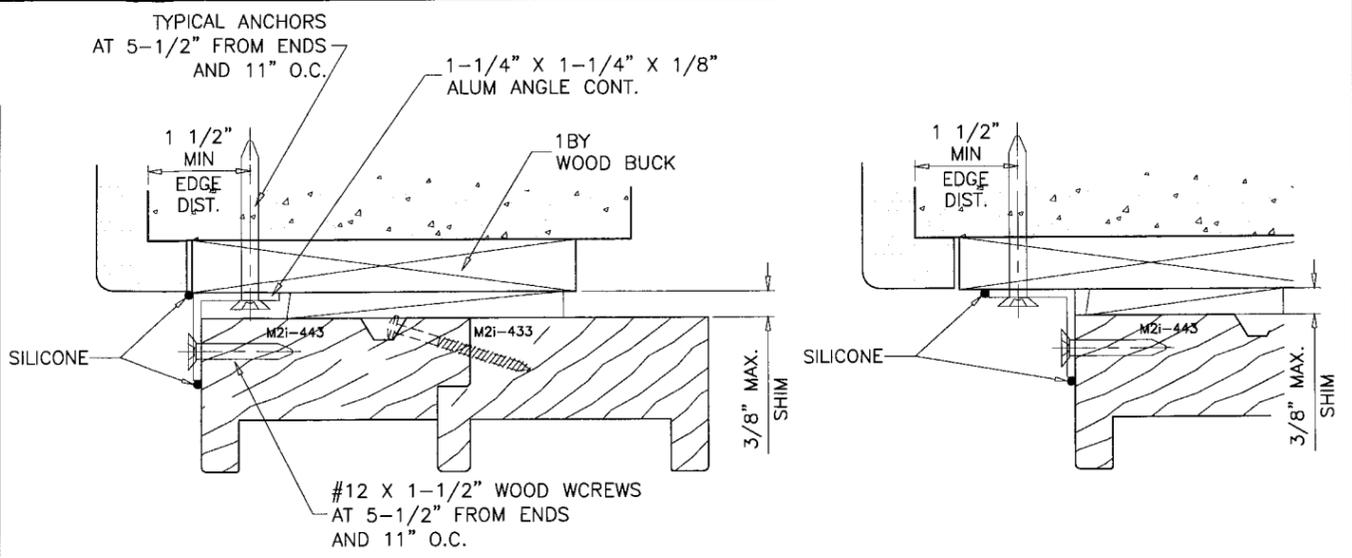
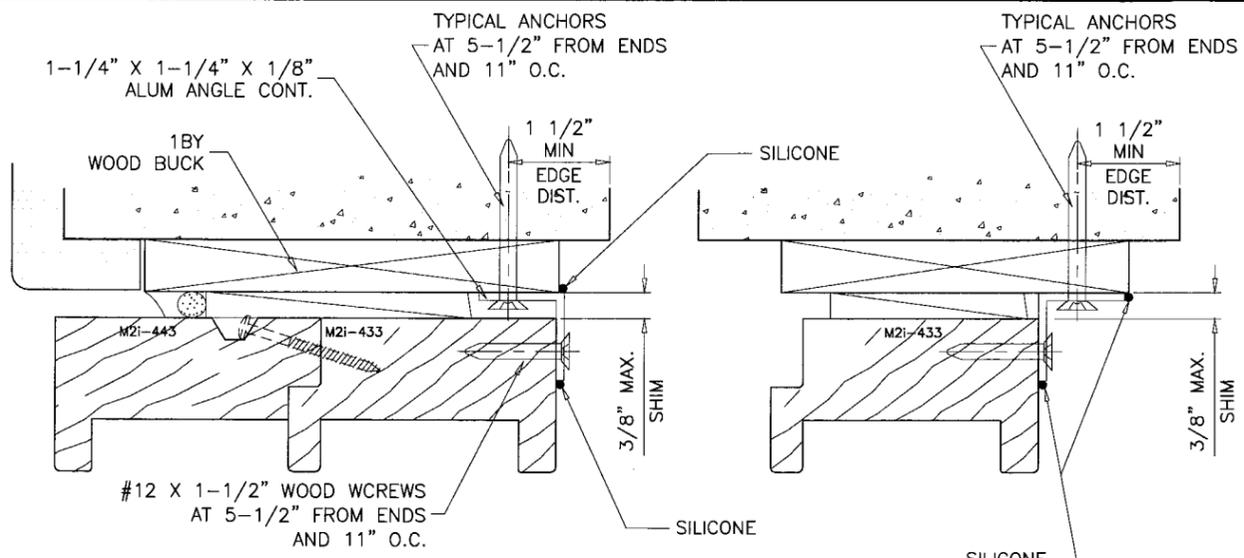
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drawing no.  
**W06-11**

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sheet 4 of 9



ANGLE INSTALLATION DETAILS

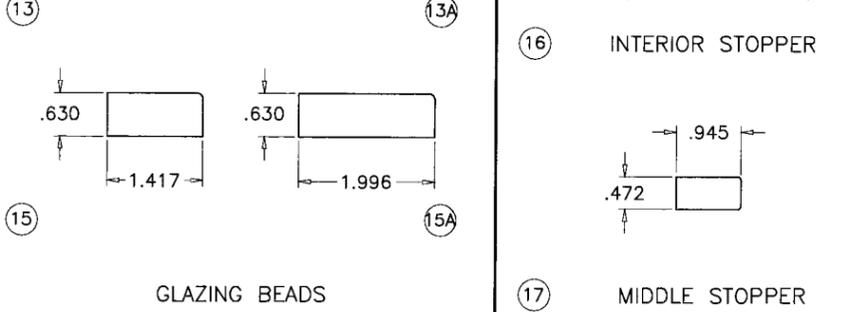
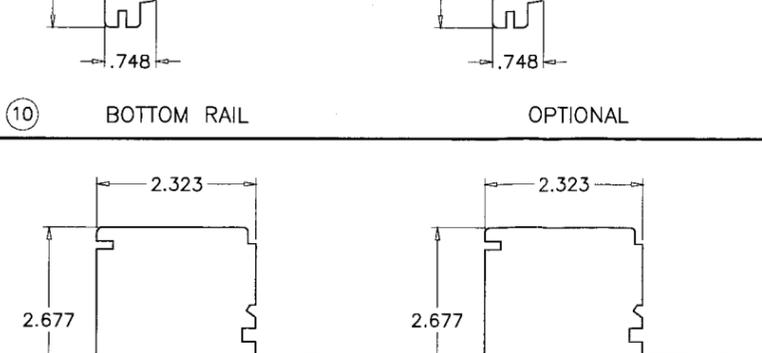
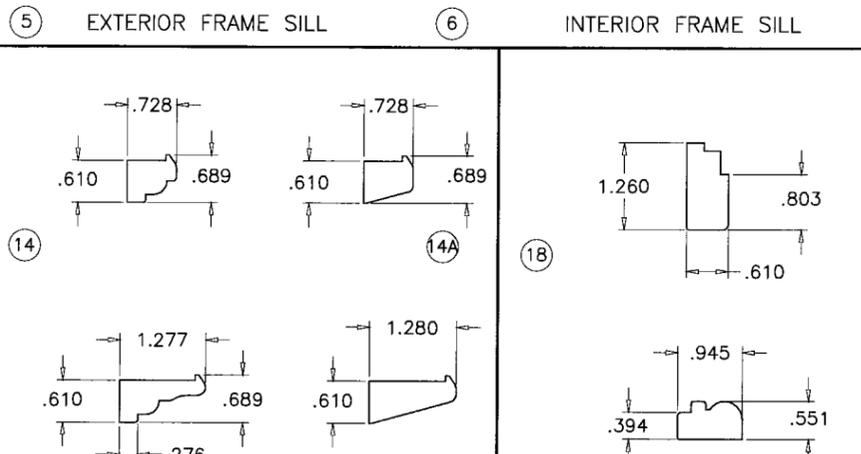
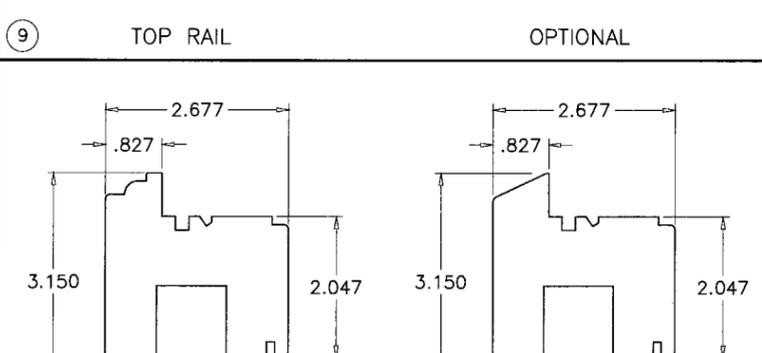
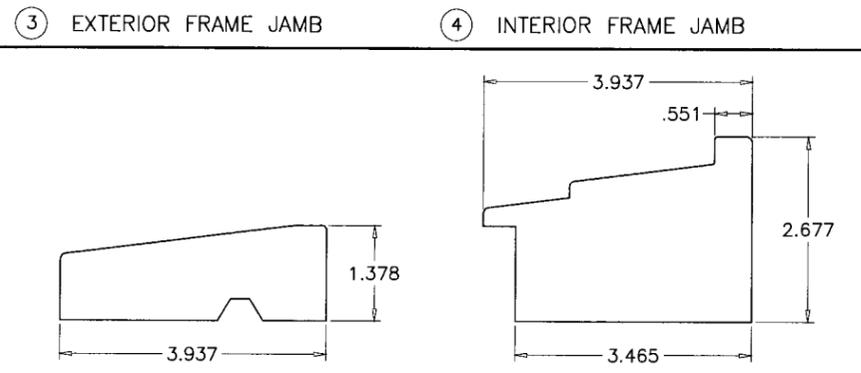
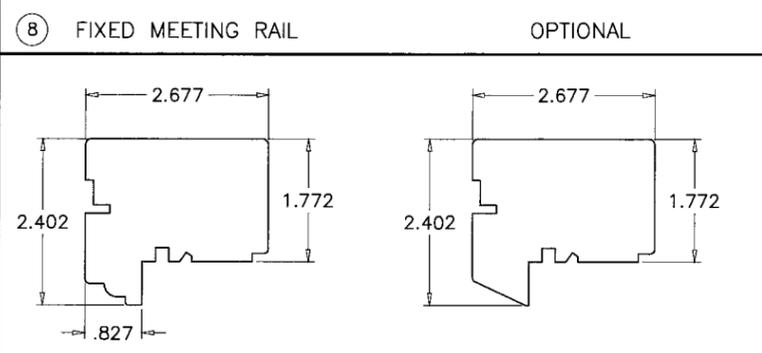
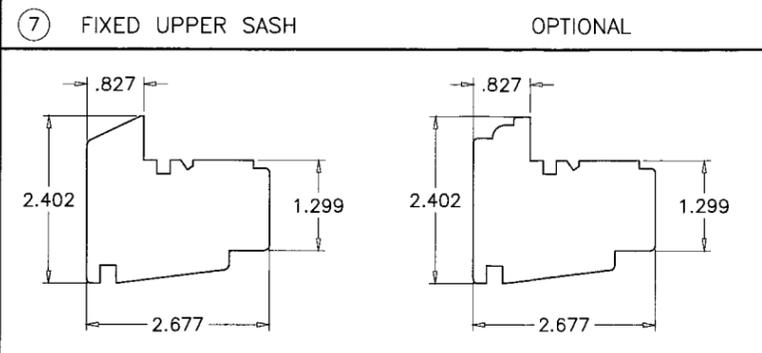
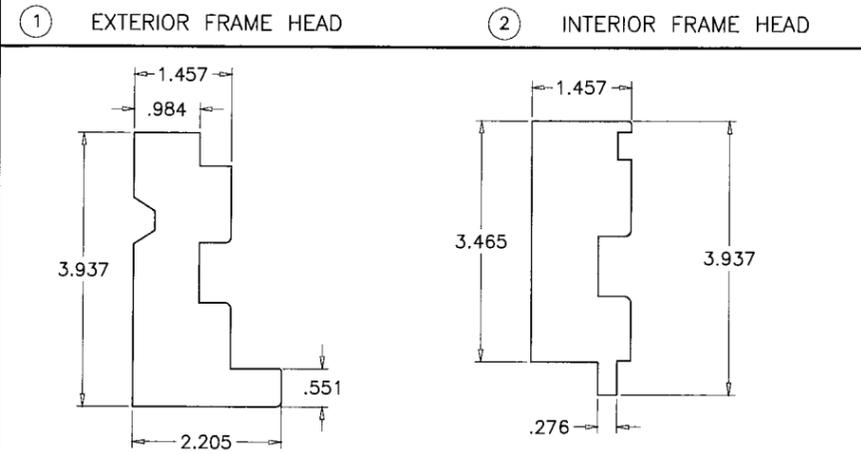
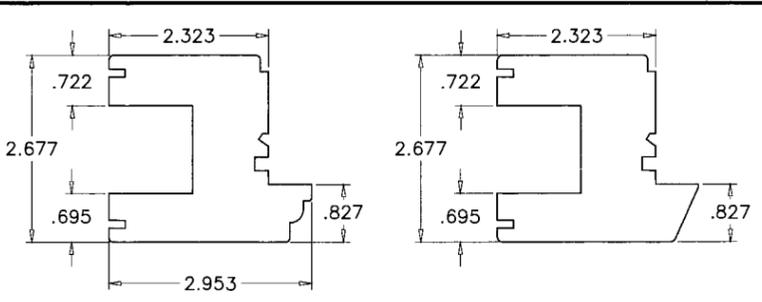
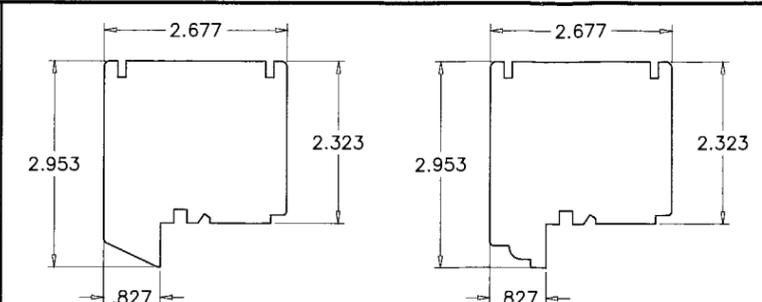
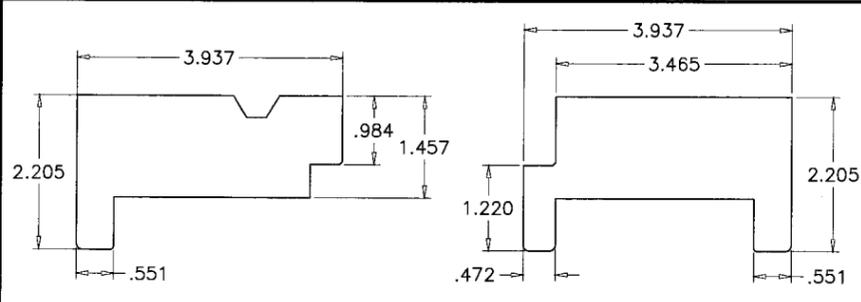
Approved as complying with the  
 Florida Building Code  
 Date 08/03/04  
 NOA# 02-0505-09  
 Miami Dade Product Control  
 Division  
 By *[Signature]*

Engr: DR. HUMAYOUN FAROOQ  
 STRUCTURES  
 FLA. PE # 16557  
 C.A.N. 3538  
 APR 20 2006

**AL-FAROOQ CORPORATION**  
 ENGINEERS, PLANNERS & PRODUCT DESIGN  
 1235 SW 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W06-11MQ

SERIES S200 SINGLE HUNG WOOD WDW.(L.M.I.)  
**mq** windows and doors  
 4508 rte 117  
 Ste-Agathe-des-Monts  
 QC, Canada  
 TEL. (819) 326-0321 FAX (819) 321-1791  
 WINDOWS OF EUROPE AND THE AMERICAS

revisions:	no	date	by	description
date:	02-14-06	scale:	3/8" = 1"	
dr. by:	HAMID	chk. by:		
drawing no.	W06-11			
sheet	5 of 9			



TYPICAL WOOD-HONDURES MAHOGANY LUMBER

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revisions:  
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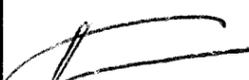
date: 02-14-06  
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 dr. by: HAMID  
 chk. by:

drawing no.  
**W06-11**

sheet 6 of 9

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS	
1	M2i-443	1/	WDW.	EXTERIOR FRAME HEAD	WOOD	MQ WDW.
2	M2i-433	1/	WDW.	INTERIOR FRAME HEAD	WOOD	MQ WDW.
3	M2i-440	2/	WDW.	EXTERIOR FRAME JAMB	WOOD	MQ WDW.
4	M2i-430	2/	WDW.	INTERIOR FRAME JAMB	WOOD	MQ WDW.
5	M2i-442	1/	WDW.	EXTERIOR FRAME SILL	WOOD	MQ WDW.
6	M2i-432	1/	WDW.	INTERIOR FRAME SILL	WOOD	MQ WDW.
7	M2i-413A	1/	WDW.	FIXED UPPER SASH	WOOD	MQ WDW.
8	M2i-412A	1/	WDW.	FIXED MEETING RAIL	WOOD	MQ WDW.
9	M2i-403T	1/	WDW.	TOP RAIL	WOOD	MQ WDW.
10	M2i-402T	1/	WDW.	BOTTOM RAIL	WOOD	MQ WDW.
11	M2i-410A	2/	WDW.	JAMB FIXED UPPER STILE	WOOD	MQ WDW.
12	M2i-400T	2/	WDW.	JAMB BOTTOM STILE	WOOD	MQ WDW.
13	G1-075	4/	SASH	GLAZING BEAD (LAMINATED GLASS)	WOOD	MQ WDW.
13A	G1-074	4/	SASH	ALT. GLAZING BEAD (LAM. GLASS)	WOOD	MQ WDW.
14	G1-045	4/	SASH	GLAZING BEAD (LAM. INSUL. GLASS)	WOOD	MQ WDW.
14A	G1-044	4/	SASH	ALT. GLAZING BEAD (LAM. INSUL. GLASS)	WOOD	MQ WDW.
15	M2-4552	1		GLAZING BEAD LAM. INSUL. GLASS	WOOD	MQ WDW. (AT MTG. RAIL)
15A	M2-4553	1		GLAZING BEAD LAM. GLASS	WOOD	MQ WDW. (AT MTG. RAIL)
16	G2-080	2/	WDW.	INTERIOR STOPPER	WOOD	MQ WDW.
17	G2-081	2/	WDW.	MIDDLE STOPPER	WOOD	MQ WDW.
18	M2-4551	1/	WDW.	MEETING RAIL MOULDING	WOOD	-
19	S400	2/	WDW.	BLOCK & TACKLE BALANCE	-	BALANCE SYSTEMS INC.
20	S200-B101	2/	WDW.	BALANCE HOOK BLOCK	ALUMINUM	SECURED W/ (2) #7X1" FH WD. SCREWS
21	LKF18	2/	WDW.	CAM LOCK	BRONZE	SECURED W/ (2) #7X1" FH WD. SCREWS
22	-	2/	WDW.	KEEPER	BRONZE	SECURED W/ (2) #7X1" FH WD. SCREWS
23	12057	AS	REQD.	W'STRIPPING GASKET	EPDM	AMESBURY
24	251000AFD	AS	REQD.	BRUSH W'STRIPPING	POLYPROPYLENE	AMESBURY
25	#10X2"	AS	REQD.	FRAME RH ASSY SCREWS	STEEL	AT 24" O.C. MAX.
26	#12X2-1/2"	AS	REQD.	SASH RH ASSY SCREWS	STEEL	AT 5-1/2" FROM ENDS & 12" O.C. MAX.
27	-	1		CONT. FLAT BAR (1/8" X 1-1/4")	ALUMINUM	SECURED W/ (2) #7X1/2" FH WD. SCREWS
28	-	-	-	-	-	-
29	-	-	-	-	-	-

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SERIES S200 SINGLE HUNG WOOD WDW.(L.M.I.)

**MQ windows and doors**  
4508 rte 117  
Ste-Agathe-des-Monts  
QC, Canada  
TEL. (819) 326-0321 FAX (819) 321-1791



WINDOWS  
OF EUROPE AND  
THE AMERICAS

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revisions:	no	date	by	description

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date: 02-14-06	scale: 3/8" = 1"	dr. by: HAMID	chk. by:
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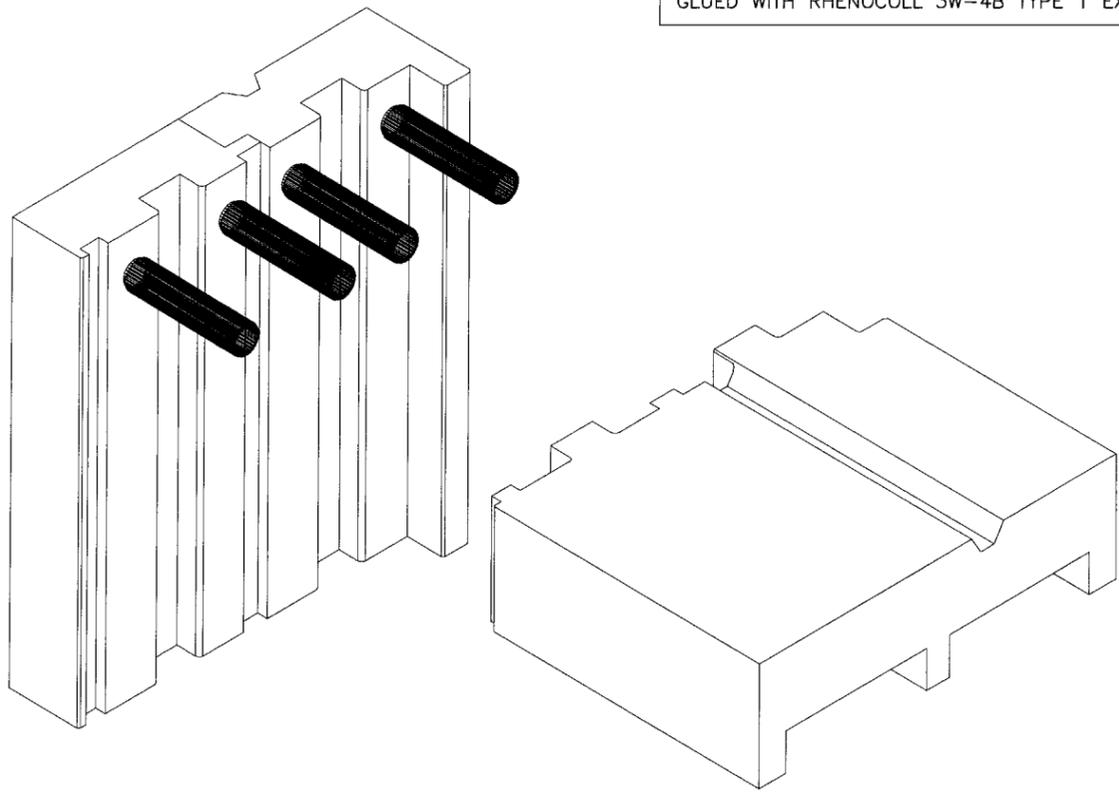
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drawing no.  
**W06-11**

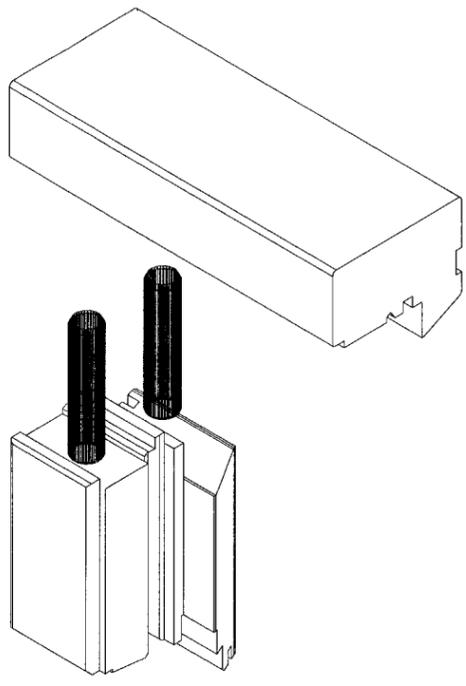
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sheet 7 of 9

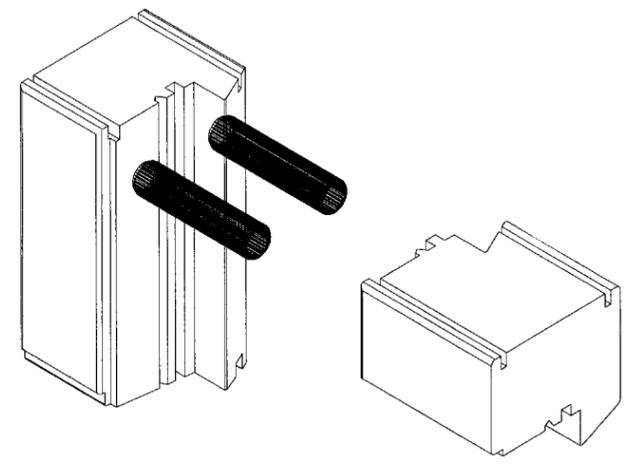
7/16" X 2-3/4" WOOD DOWELS  
 GLUED WITH RHENOCOLL 3W-4B TYPE 1 EXTERIOR GRADE



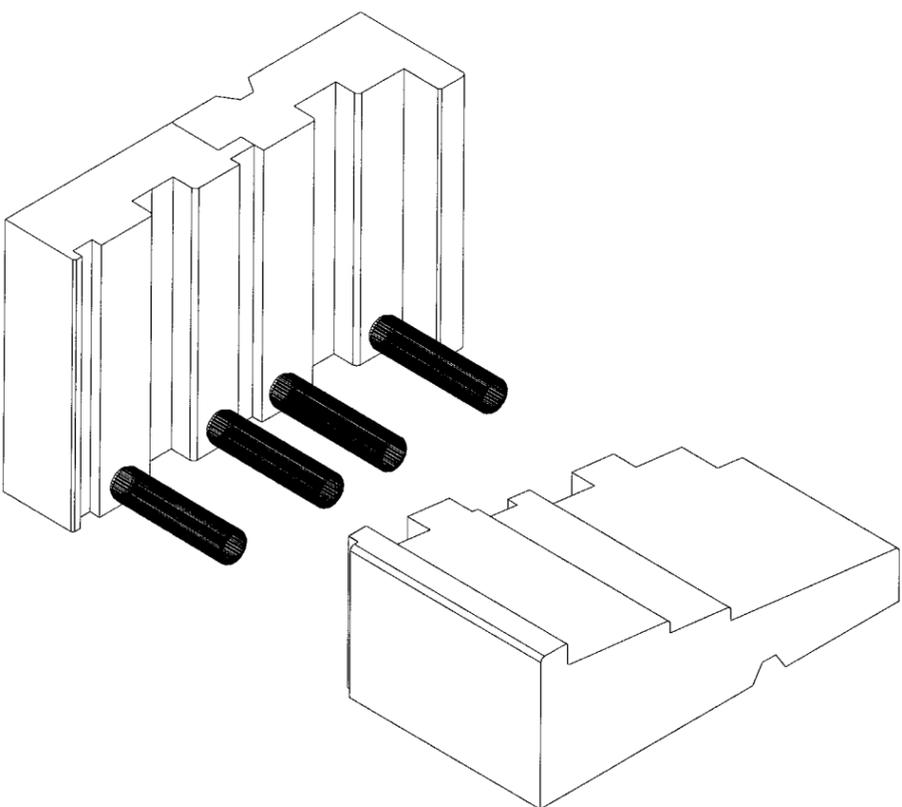
FRAME TOP CORNER



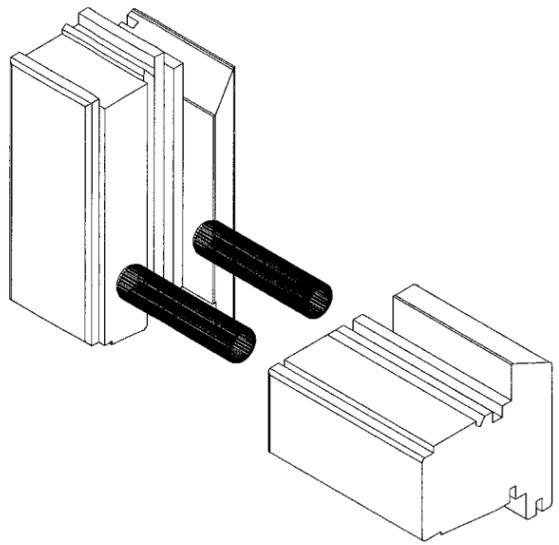
BOTTOM SASH TOP CORNER



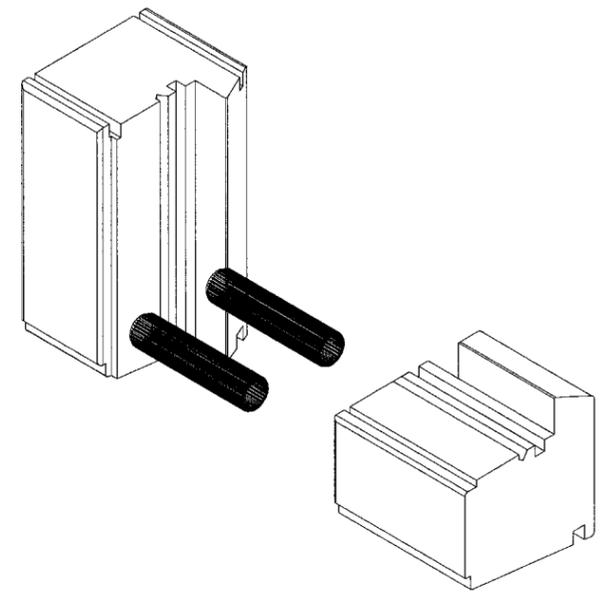
UPPER SASH TOP CORNER



FRAME BOTTOM CORNER



BOTTOM SASH BOTTOM CORNER



UPPER SASH BOTTOM CORNER

Approved as complying with the  
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Engr: DR. HUMAYCUN FAROOQ  
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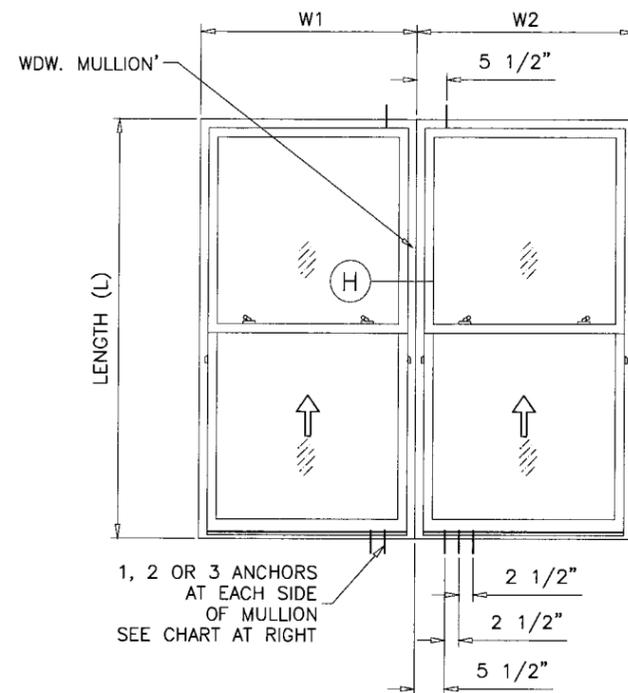
*afc*  
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 WINDOWS OF EUROPE AND THE AMERICAS

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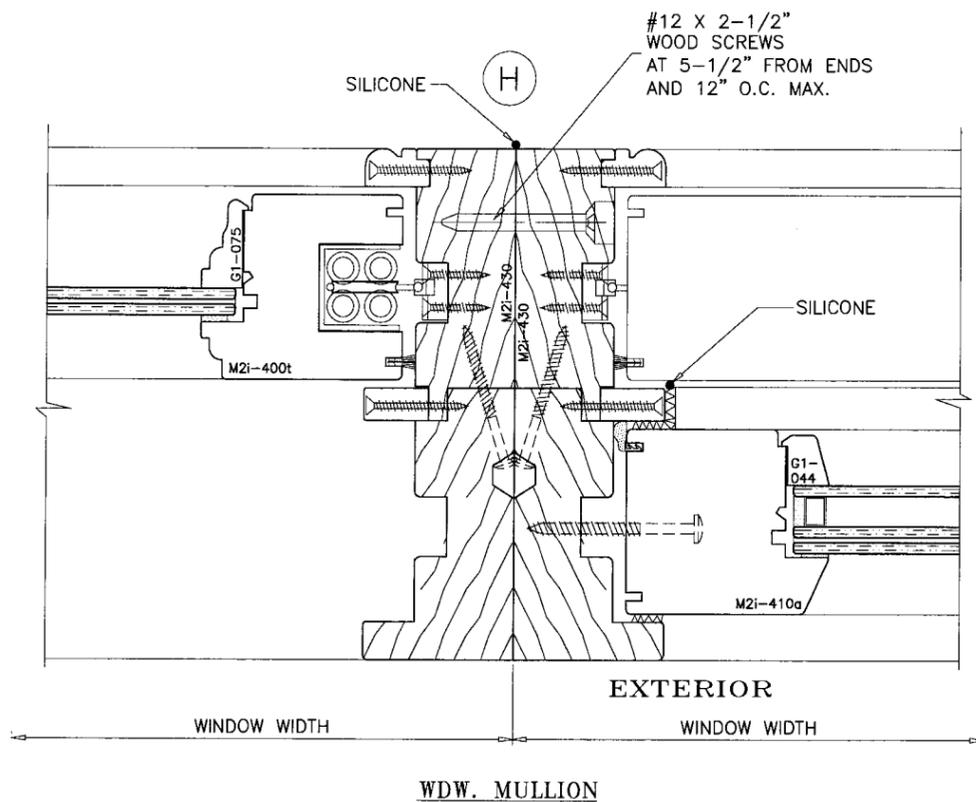
date: 02-14-06  
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 dr. by: HAMID  
 chk. by:

drawing no.  
**W06-11**  
 sheet 8 of 9



**TYPICAL ELEVATIONS**  
SIDE BY SIDE WINDOWS  
SIDE BY SIDE APPLIES TO TWO OR MORE WINDOWS

$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$



WINDOW DIMS.		MULLION LOAD CAPACITY - PSF								
		1/4" TAPCONS (THRU FRAME)			#14 SMS (THRU FRAME)			#12 SMS (THRU ANGLE)		
		1 ANCHOR AT EACH SIDE OF MULLION	2 ANCHORS AT EACH SIDE OF MULLION	3 ANCHORS AT EACH SIDE OF MULLION	1 ANCHOR AT EACH SIDE OF MULLION	2 ANCHORS AT EACH SIDE OF MULLION	3 ANCHORS AT EACH SIDE OF MULLION	1 ANCHOR AT EACH SIDE OF MULLION	2 ANCHORS AT EACH SIDE OF MULLION	3 ANCHORS AT EACH SIDE OF MULLION
WIDTH (W)	LENGTH (L)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	
26-1/2"	58-1/4"	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
32"		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
37"		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
42"		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
48"		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
53-1/8"		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
57-5/16"	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
26-1/2"	70-1/4"	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
32"		70.0	70.0	70.0	58.0	70.0	70.0	70.0	70.0	70.0
37"		70.0	70.0	70.0	58.0	70.0	70.0	70.0	70.0	70.0
42"		70.0	70.0	70.0	58.0	70.0	70.0	70.0	70.0	70.0
48"		70.0	70.0	70.0	58.0	70.0	70.0	70.0	70.0	70.0
53-1/8"		70.0	70.0	70.0	58.0	70.0	70.0	70.0	70.0	70.0
57-5/16"	70.0	70.0	70.0	58.0	70.0	70.0	70.0	70.0	70.0	
26-1/2"	82-1/4"	70.0	70.0	70.0	59.8	70.0	70.0	70.0	70.0	70.0
32"		61.1	70.0	70.0	49.5	70.0	70.0	67.0	70.0	70.0
37"		61.1	70.0	70.0	49.5	70.0	70.0	67.0	70.0	70.0
42"		61.1	70.0	70.0	49.5	70.0	70.0	67.0	70.0	70.0
48"		61.1	70.0	70.0	49.5	66.0	70.0	67.0	70.0	70.0
53-1/8"		61.1	70.0	70.0	49.5	66.0	70.0	67.0	70.0	70.0
57-5/16"	61.1	70.0	70.0	49.5	64.5	70.0	67.0	70.0	70.0	
26-1/2"	94-1/4"	64.3	70.0	70.0	52.2	69.6	70.0	70.0	70.0	70.0
32"		53.3	70.0	70.0	43.2	69.6	70.0	58.4	70.0	70.0
37"		53.3	70.0	70.0	43.2	62.3	70.0	58.4	70.0	70.0
42"		53.3	70.0	70.0	43.2	62.3	70.0	58.4	70.0	70.0
48"		53.3	70.0	70.0	43.2	57.6	70.0	58.4	70.0	70.0
53-1/8"		53.3	70.0	70.0	43.2	57.6	69.4	58.4	70.0	70.0
57-5/16"	53.3	69.4	70.0	43.2	56.3	69.4	58.4	70.0	70.0	
26-1/2"	108-1/4"	56.0	70.0	70.0	45.4	60.6	70.0	61.4	70.0	70.0
32"		46.4	70.0	70.0	37.6	62.7	70.0	50.9	70.0	70.0
37"		46.4	66.9	70.0	37.6	54.2	70.0	50.9	70.0	70.0
42"		46.4	66.9	70.0	37.6	54.2	66.9	50.9	70.0	70.0
48"		46.4	61.9	70.0	37.6	50.2	66.9	50.9	67.8	70.0
53-1/8"		46.4	61.9	70.0	37.6	50.2	60.4	50.9	67.8	70.0
57-5/16"	46.4	60.4	70.0	37.6	49.0	60.4	50.9	66.3	70.0	

**INSTRUCTIONS:**

USE CHARTS AS FOLLOWS.

- STEP 1** DETERMINE DESIGN WIND LOAD REQUIREMENT BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.
- STEP 2** SEE CHARTS ON SHEET 2 FOR DESIGN LOAD CAPACITY OF DESIRED WINDOW SIZE.
- STEP 3** USE CHART ON THIS SHEET FOR SIDE BY SIDE CONNECTION CAPACITY OF WINDOW MULLION. THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.
- STEP 4** THE LOWEST VALUE RESULTING FROM STEPS 2 AND 3 SHALL APPLY TO ENTIRE SYSTEM.

Approved as complying with the Florida Building Code  
Date 08/03/06  
NOAP 06-0503.09  
Miami-Dade Product Control  
Division  
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**W06-11**  
sheet 9 of 9