



**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**

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

**NOTICE OF ACCEPTANCE (NOA)**

**M. Q. Windows  
1855 Griffin Road, Suite A-274  
Dania, Fl. 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 "JS Inswing Mahogany Wood Window – L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **JS-3-IN**, titled "JS Serie Inswing Wood Windows Miami Dade County" Sheets 1 through 10 of 10, dated 04/21/06 and last revised on 05/08/06, prepared by manufacturer, signed and sealed by Walter A. Tillit Jr. 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 Division.

**MISSILE IMPACT RATING: Large Missile Impact Resistant**

**LABELING:** Each unit shall bear a permanent label with M.Q. Windows, Montreal, Quebec, Canada 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 & renews** NOA # **99-1228.05** consists of this page 1 and evidence pages E-1 & E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P.E.**



*J. Gascon*  
5/26/06

**NOA No 05-1004.05  
Expiration Date: February 8, 2011  
Approval Date: June 20, 2006  
Page 1**

M. Q. Windows

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **JS-3-IN**, titled "JS Serie Inswing Wood Windows Miami Dade County" Sheets 1 through 10 of 10, dated 04/21/06 and last revised on 05/08/06, prepared by manufacturer, signed and sealed by Walter A. Tillit Jr. 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 and TAS 202-94  
along with the manufacturer's parts drawings, installation diagram and marked-up drawings of an outswing wood window prepared by Hurricane Test Laboratory, LLC, Test Report No (s). **HTL-0118-0702-99** 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 and TAS 202-94  
along with the manufacturers' parts drawings, installation diagram and marked-up drawings of an inswing wood window prepared by Hurricane Test Laboratory, LLC, Test Report No (s). **HTL-0118-0702-98** signed and sealed by Vinu J. Abraham, P.E.

**C. CALCULATIONS**

1. Anchor verification calculations complying w/ FBC-2004, prepared by Tilteco Inc., dated 09/28/05, 03/03/06 and last revised on 03/20/06, signed and sealed by Walter A. Tillit, Jr., P.E.
2. Revised Anchor verification calculations, complying w/ FBC-2004, prepared by Tilteco Inc., dated 05/08/06, signed and sealed by Walter A. Tillit, Jr., P.E.
3. Glazing complies w/ ASTM E-1300-98

**D. QUALITY ASSURANCE**

1. Miami Dade Building Code Compliance Office (BCCO)

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. 01-0205.02, issued to Solutia Inc, for "Saflex / KeepsafeMax interlayer", expiring 05-21-06.



**Jaime D. Gascon, P.E.**  
**Chief, Product Control Division**  
**NOA No 05-1004.05**  
**Expiration Date: February 8, 2011**  
**Approval Date: June 20, 2006**

M. Q. Windows

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**F. STATEMENTS**

1. Statement letter of conformance to FBC 2004 dated March 06, 2006, signed & sealed by Walter A. Tillit, P.E. (Transferred from file # 99-1228.05)
2. Statement letter of conformance, dated 11/24/99, and "no financial interest", dated 01-08-2001 signed and sealed by Walter A. Tillit Jr., P. E.
3. Statement letters of compliance, part of the above test reports.

**G. OTHER**

1. Notice of Acceptance No. # 99-1228.05, M.Q. Windows, Inc., "JS Series Inswing/Outswing Mahogany Wood Windows-Impact", approved 02/08/01 and expiring 02/08/06.



Jaime D. Gascon, P.E.  
Chief, Product Control Division  
NOA No 05-1004.05  
Expiration Date: February 8, 2011  
Approval Date: June 20, 2006

WINDOWS, INSWING  
ELEVATION VIEWS  
CONFIGURATIONS: x, xx  
WOOD: Mahogany  
VIEWED FROM THE INSIDE

DESIGN PRESSURE APPLYING TO THIS PAGE	
Acting inward:	+58 psf
Acting outward:	-68 psf
Note: All sizes noted are maximum sizes. Sizes smaller in width & height are permitted.	
Shutters are not required.	

HINGES TABLE 1						
MAX. HINGES SPACING						
1488-03 steel hinges by Jardinier Massard secured with 8 x #7 x 1" F.H. screws						
Frame Height (in.) up to	Dist from corner	total Qty	Dist o/c (max)			
39 1/2"	8"	2	20 9/16"			
59"	8"	3	20 9/16"			
79 1/2"	8"	4	99 3/8"	8"	5	20 9/16"
99 3/8"	8"	5	20 9/16"			

GLAZING TYPE TABLE	
GLASS: SINGLE, LAMINATED	
3/16"(AN)-0.090" PVB interlayer Safflex IIIIG by Solutia-3/16"(HS)	
RAISED WOOD PANEL:	
Max. DLO area:	
-Solid mahogany wood: Max. 7.81 sqf	
NOTE:	
-See Glazing Details on sheet 7	



1855 GRIFFIN ROAD,  
SUITE A-271  
DANIA, FL 33004

JS SERIE  
INSWING  
WOOD WINDOWS  
MIAMI DADE COUNTY

Drawing no.: JS-3-IN

Scale: NONE  
Drawn by: S. Marcotte

Date drawn: 04/21/06  
Date revised: 05/08/06

File: JS-3-IN  
Page: 1/10

STRUCTURALLY REVIEWED BY:

WALTER A. TILLIT JR., P.E.  
STRUCTURAL ENGINEER  
FL. LIC.NO. 44167

*[Signature]*  
MAY 08 2006



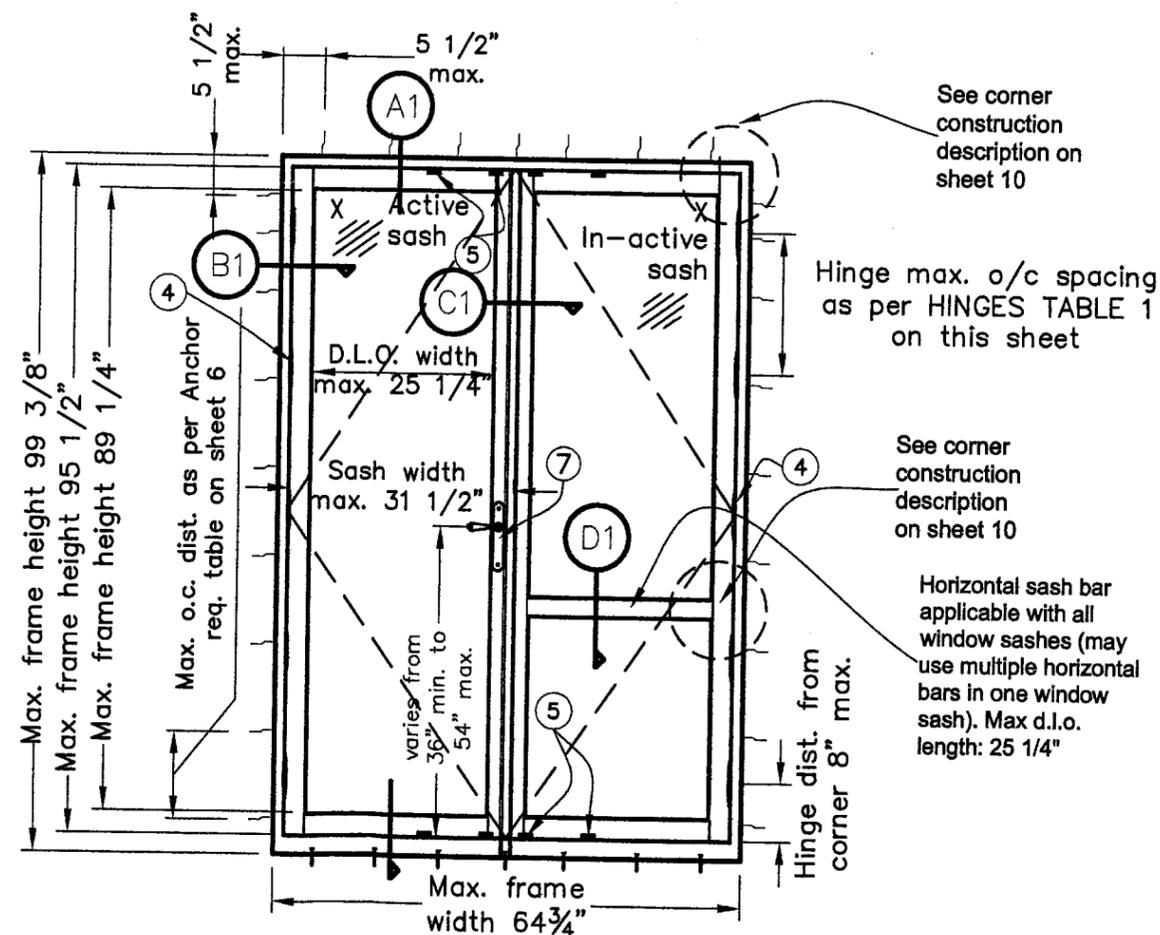
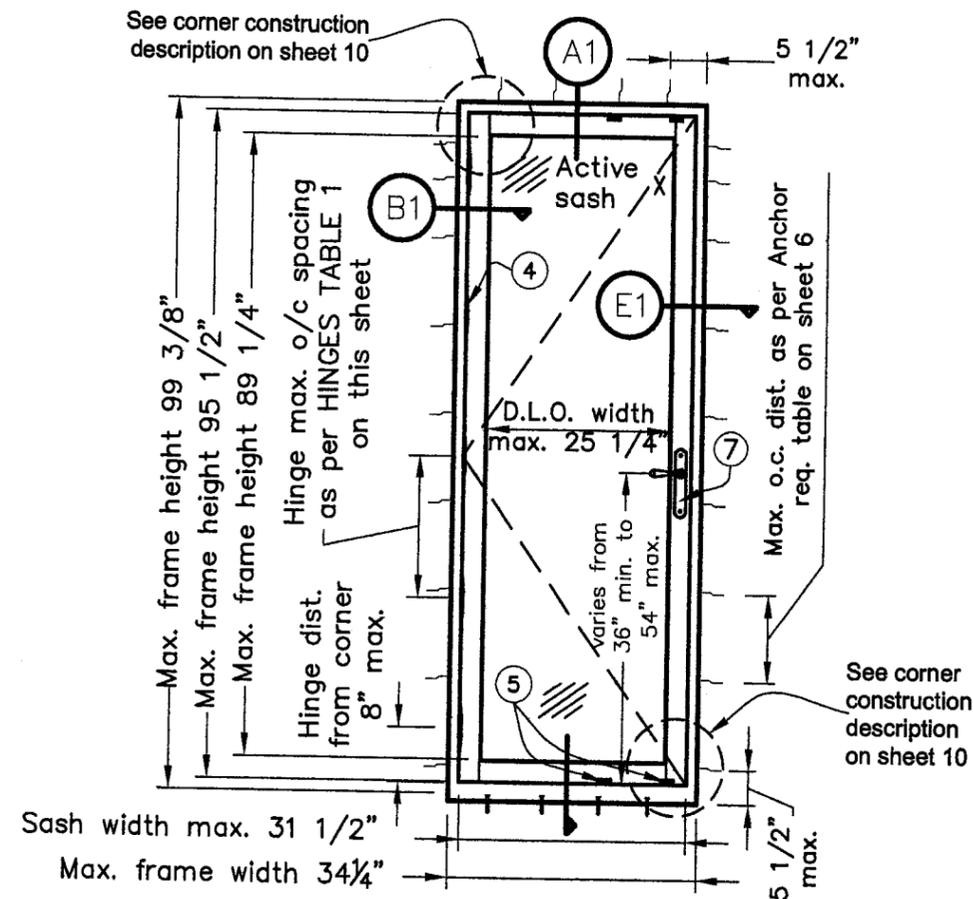
TILLIT TESTING & ENGINEERING COMPANY  
6355 NW 36th STREET, STE. 305  
MIAMI, FLORIDA 33166  
FL E.B. LICENSE No. 0006719

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 05-1004.05  
Expiration Date 07/08/11  
By *[Signature]*  
Miami Dade Product Control  
Division

GENERAL NOTES:

- 1- THIS PRODUCT IS DESIGNED TO COMPLY WITH THE PROVISIONS OF THE HIGH VELOCITY HURRICANE ZONE (HVHZ) OF THE 2004 EDITION OF THE FLORIDA BUILDING CODE WITH 2005 SUPPLEMENT.
- 2- THIS PRODUCT IS LARGE MISSILE IMPACT RESISTANT AND HAS BEEN TESTED IN ACCORDANCE WITH THE HIGH VELOCITY HURRICANE ZONE PROTOCOLS TAS201, 202 AND 203. NO SHUTTERS ARE REQUIRED.
- 3- WOOD BUCKS (BY OTHERS) AND OPENINGS MUST BE DESIGNED BY THE PROFESSIONAL OF RECORD TO PROPERLY TRANSFER WIND LOADS TO THE MAIN STRUCTURE.
- 4- SPECIFIED ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
- 5- IN ORDER TO VERIFY THAT ANCHORS FOR THIS PRODUCT WERE NOT OVERSTRESSED AS TESTED, A 33% ALLOWABLE STRESS INCREASE WAS NOT USED IN THEIR ANALYSIS. HOWEVER, A LOAD DURATION FACTOR OF Cd = 1.6 WAS USED TO VERIFY THEIR SPACING IN WOOD SUBSTRATES.

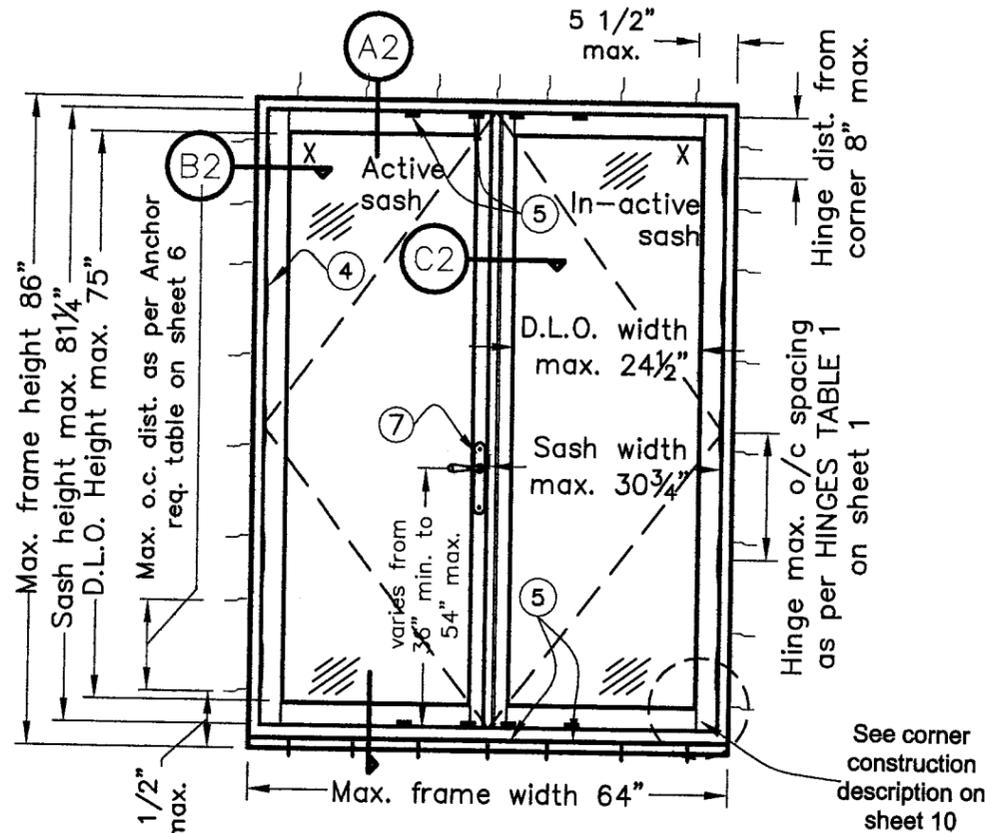
# NOTE: Numbers in circle are referred to the bill of materials on sheet 7.



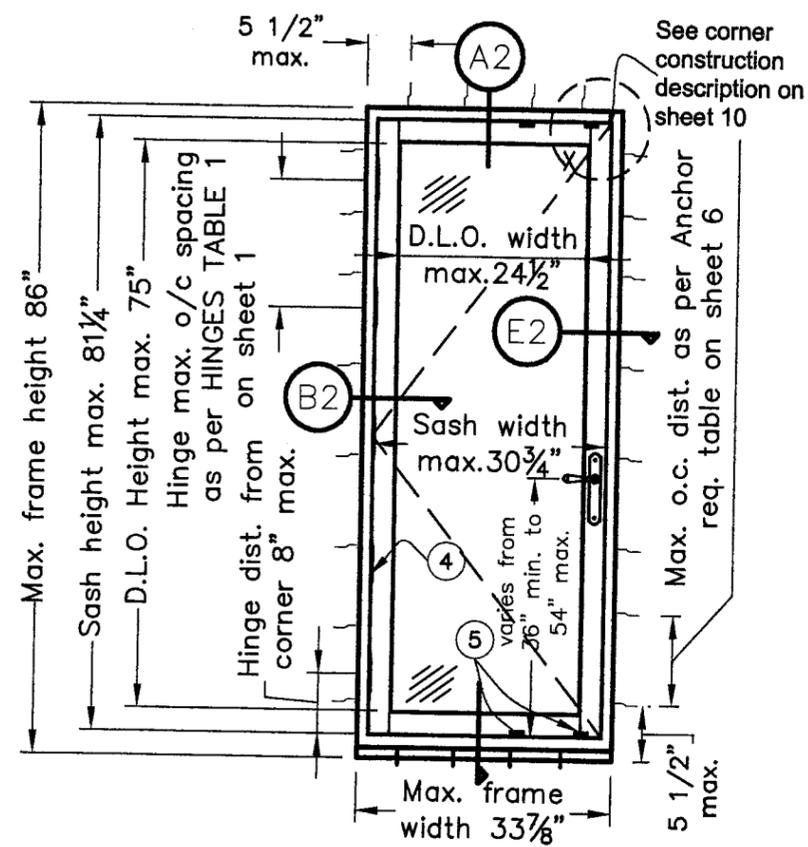
WINDOWS, INSWING  
ELEVATION VIEWS  
CONFIGURATIONS: X, XX  
WOOD: Mahogany  
VIEWED FROM THE INSIDE

**DESIGN PRESSURE APPLYING TO THIS PAGE**  
As indicated on elevations  
Note: All sizes noted are maximum sizes. Sizes smaller in width & height are permitted.  
Shutters are not required.

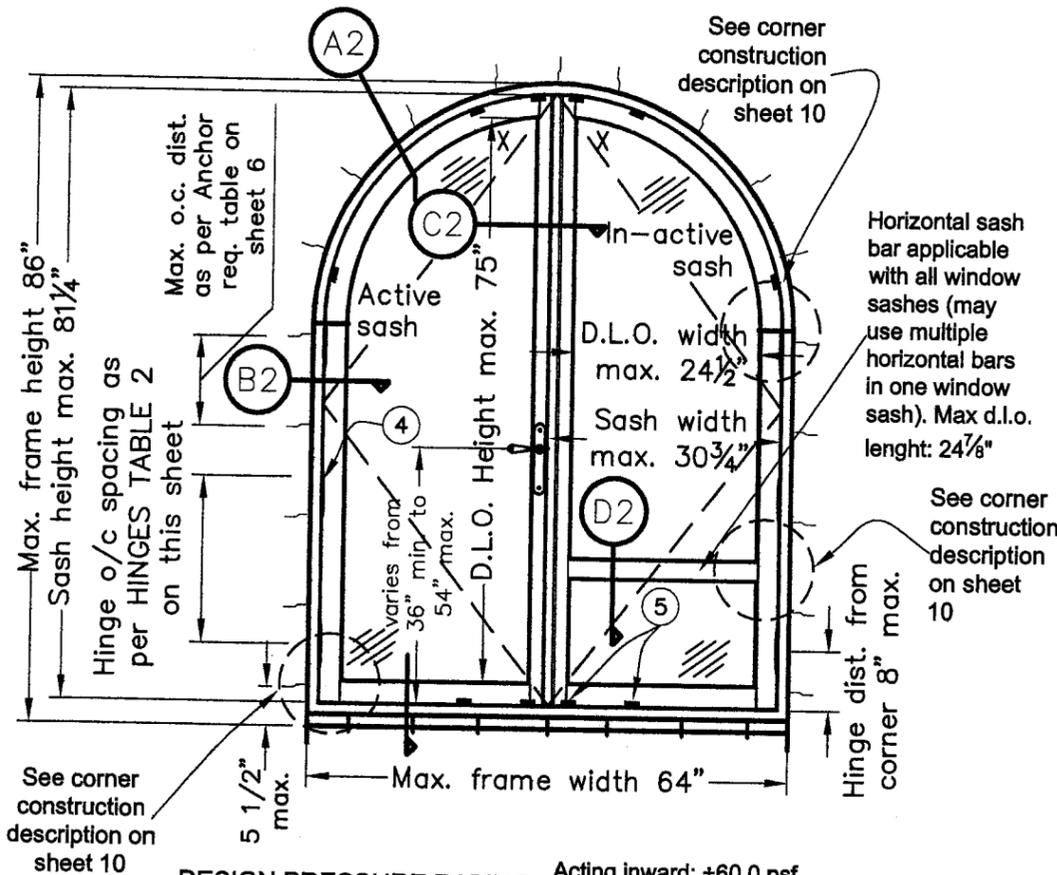
HINGES TABLE 2			
SHAPED HEAD WINDOW MAX. HINGES SPACING			
1488-03 steel hinges by Jardinier Massard secured with 8 x #7 x 1" F.H. screws			
Frame Height (in.) up to	Dist from corner	total Qty	Dist o/c (max)
64"	8"	2	22 1/4"
86"	8"	3	22 1/4"



**DESIGN PRESSURE RATING** Acting inward: +60.0 psf  
Acting outward: -68.0 psf



**DESIGN PRESSURE RATING:** Acting inward: +60.0 psf  
Acting outward: -68.0 psf



**DESIGN PRESSURE RATING** Acting inward: +60.0 psf  
Acting outward: -70.0 psf

**APPROVED SHAPES**

**NOTES:**  
1. Other shapes may apply providing they are similar to those shown & have corner construction as described on sheet 10.  
2. All shaped units must fit inscribed into the allowable rectangular units & be governed by the allowable pressure of the respective rectangular unit.  
3. Approved shaped heads on this sheet conform to cross section A2 on sheet 4.  
4. Keepers qty & location identical to shown arched unit. For single panel full arched unit, keepers at head evenly distributed.

# NOTE: Numbers in circle are referred to the bill of materials on sheet 7.

GLAZING TYPE TABLE
<b>GLASS: SINGLE, LAMINATED</b>
OPTION 1: 15/32" (O.T.) Made of 3/16"(AN)-0.090" PVB interlayer, Saflex IIIg by Solutia-3/16"(HS)
OPTION 2: 15/32" (O.T.) Made of 3/16"(HS)-0.090" PVB interlayer, Saflex IIIg by Solutia-3/16"(HS)
<b>GLASS: DOUBLE, INSULATED</b>
OPTION 1: 1" (O.T.) Made of: 3/16" (AN) - 0.090" PVB interlayer, Saflex IIIg by Solutia - 3/16" (HS) - 0.377" air space - 5/32" (AN).
OPTION 2: 1" (O.T.) Made of: 3/16" (HS) - 0.090" PVB interlayer, Saflex IIIg by Solutia - 3/16" (HS) - 0.377" air space - 5/32" (AN).
<b>RAISED WOOD PANEL:</b>
Max. DLO area: Solid mahogany wood: Max. 7.81 sqf
<b>NOTE:</b> -See Glazing Details on sheet 7

**JS SERIE  
INSWING  
WOOD WINDOWS  
MIAMI DADE COUNTY**

Drawing no.: JS-3-IN  
Scale: NONE  
Date drawn: 04/21/06  
File: JS-3-IN  
Drawn by: S. Marcotte  
Date revised: 05/08/06  
Page: 2/10

STRUCTURALLY REVIEWED BY:  
**WALTER A. TILLIT JR., P.E.**  
STRUCTURAL ENGINEER  
FL. LIC. NO. 44167

MAY 08 2006

**TILTECO INC.**  
TILLIT TESTING & ENGINEERING COMPANY  
6355 NW 36th STREET, STE. 305  
MIAMI, FLORIDA 33166  
FL E.B. LICENSE No. 0006719

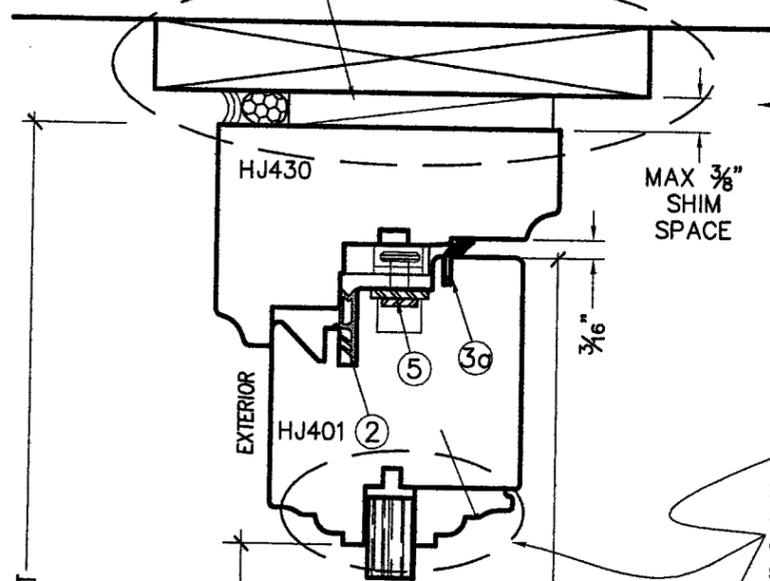
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Expiration Date 02/08/11  
By: [Signature]  
Miami Dade Product Control  
Division

# CROSS SECTION VIEWS

**A1** HEAD & SILL  
(@ head)

Use wood or plastic shims behind as required

See ANCHORING DETAILS on sheet 5



OVERALL HEIGHT & FRAME HEIGHT

D.L.O. HEIGHT

SASH HEIGHT

MAX SHIM SPACE 3/8"

HJ435

Use wood or plastic shims behind as required

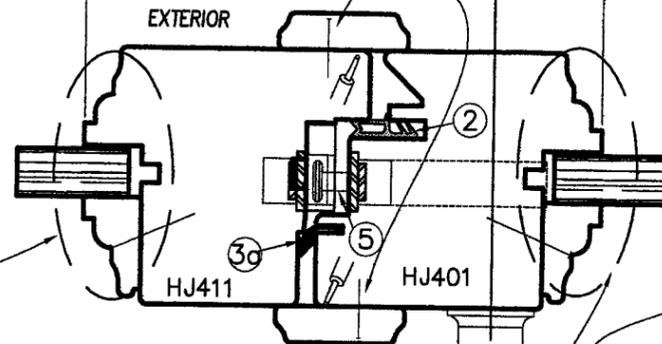
**A1** HEAD & SILL  
(@ Sill)

See ANCHORING DETAILS on sheet 5

**C1** ASTRAGAL  
(@ Meeting Stile)

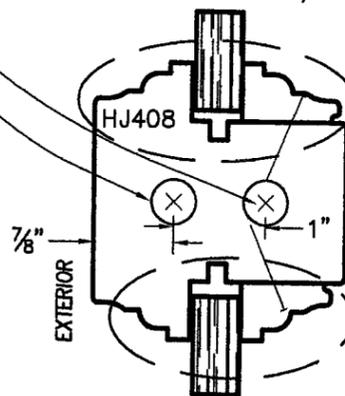
18 gauge x 5/8" finishing nails @ 16" o/c.

D.L.O. WIDTH



See glazing details & options on sheet 7

2x #12 x 3" flat head wood screw at each end. Min. embedment is 1 1/2"



**D1** SASH BAR  
Optional

NOTES:

Clear silicone sealant at shown interfaces

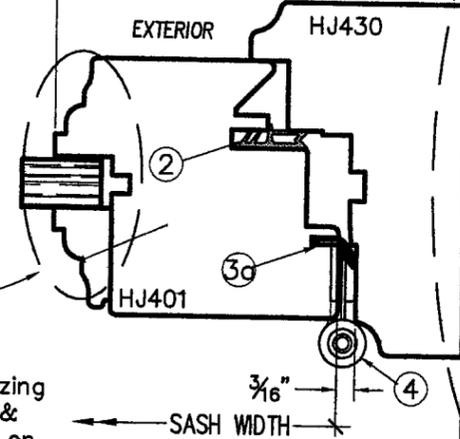
Backing rod and sealant as required

Numbers are referring to bill of materials (sheet 7)

**B1** JAMB  
(@ Hinge Stile)

MAX 3/8" SHIM SPACE

D.L.O. WIDTH



See glazing details & options on sheet 7

Use wood or plastic shims behind as required

OVERALL WIDTH & FRAME WIDTH

OVERALL WIDTH & FRAME WIDTH

D.L.O. WIDTH

SASH WIDTH

**E1** JAMB  
(@ Lock Stile)

MAX 3/8" SHIM SPACE

Use wood or plastic shims behind as required

See ANCHORING DETAILS on sheet 5



1855 GRIFFIN ROAD,  
SUITE A-271  
DANIA, FL 33004

JS SERIE  
INSWING  
WOOD WINDOWS  
MIAMI DADE COUNTY

Drawing no.: JS-3-IN

Scale: NONE  
Drawn by: S. Marcotte

Date drawn: 04/21/06  
Date revised: 05/08/06

File: JS-3-IN  
Page: 3/10

STRUCTURALLY REVIEWED BY:  
**WALTER A. TILLIT JR., P.E.**  
STRUCTURAL ENGINEER  
FL. LIC. NO. 44167

MAY 03 2006



TILLIT TESTING & ENGINEERING COMPANY  
6355 NW 36th STREET, STE. 305  
MIAMI, FLORIDA 33166  
FL E.B. LICENSE No. 0006719

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 05-1004.05  
Expiration Date 02/08/11

By   
Miami Dade Product Control  
Division

# CROSS SECTION VIEWS



1855 GRIFFIN ROAD,  
SUITE A-271  
DANIA, FL 33004

**JS SERIE  
IN-SWING  
WOOD WINDOWS  
MIAMI DADE COUNTY**

Drawing no.: JS-3-IN

Scale: NONE  
Drawn by: S. Marcotte

Date drawn: 04/21/06  
Date revised: 05/08/06

File: JS-3-IN  
Page: 4/10

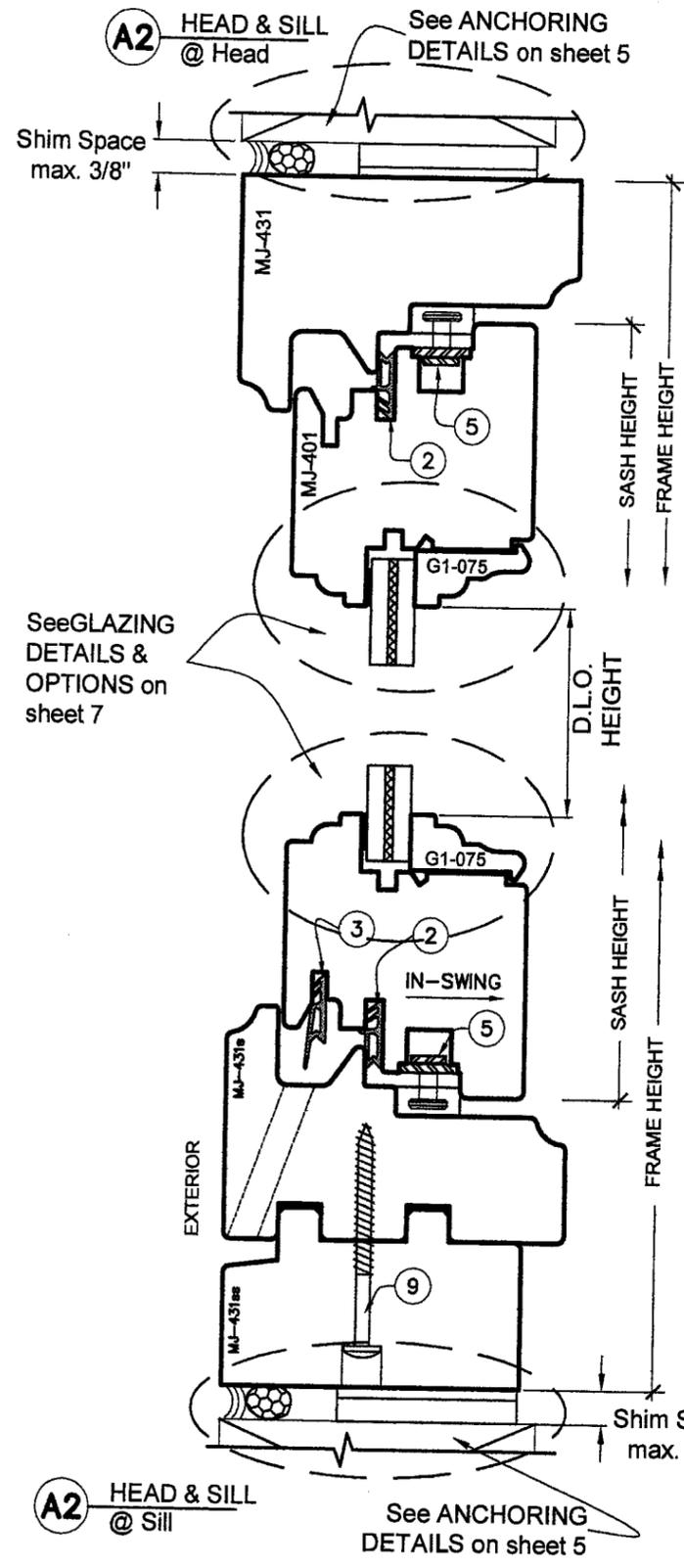
STRUCTURALLY REVIEWED BY:  
**WALTER A. TILLIT JR., P.E.**  
STRUCTURAL ENGINEER  
FL. LIC. NO. 44167

*[Signature]*  
MAY 03 2006

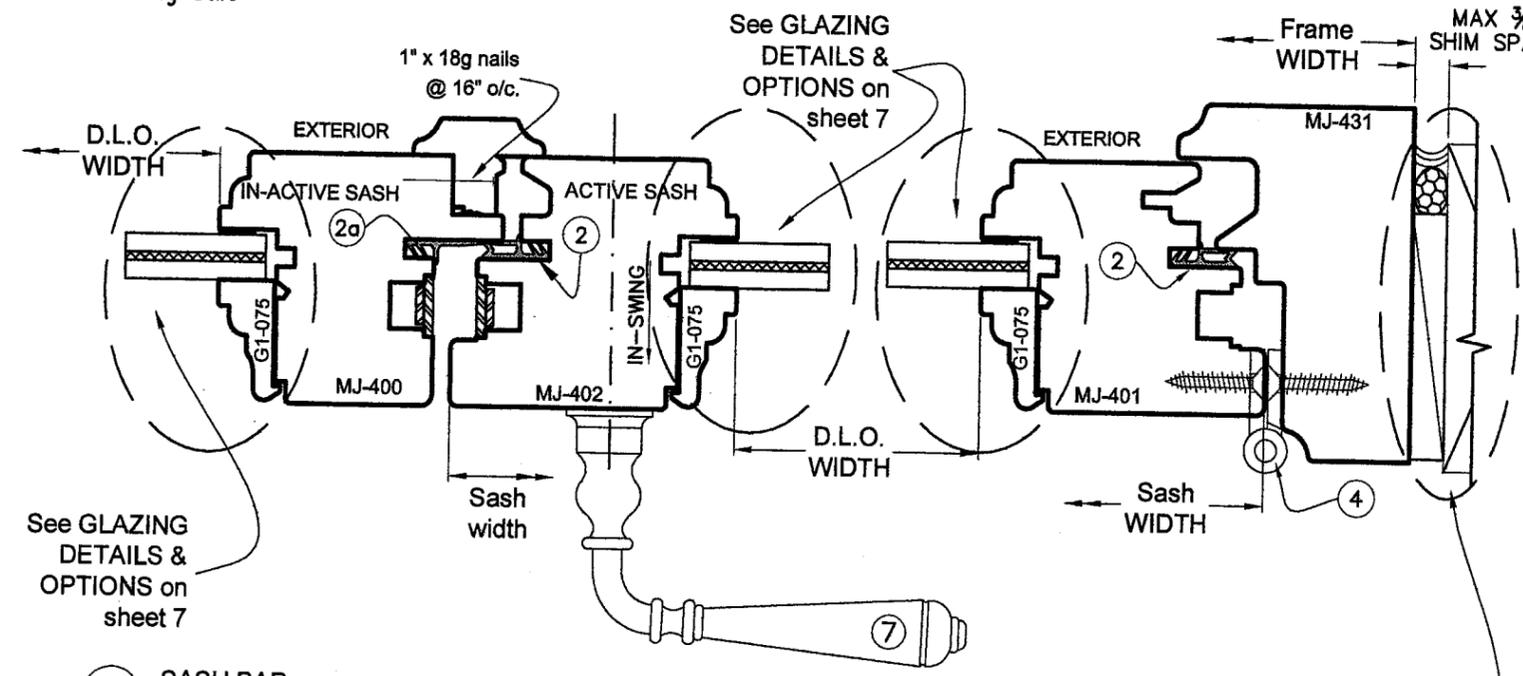


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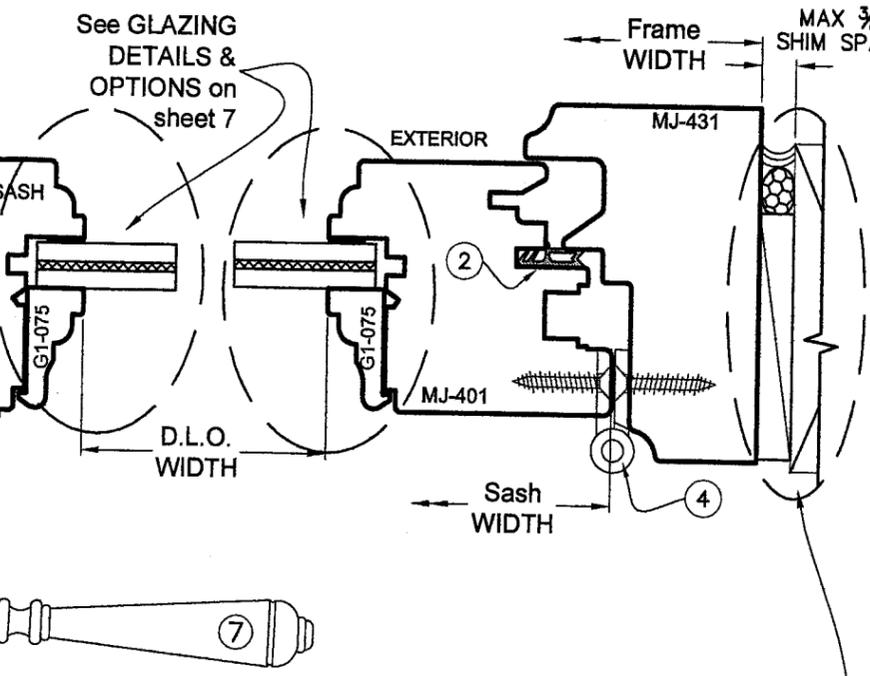
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Miami Dade Product Control  
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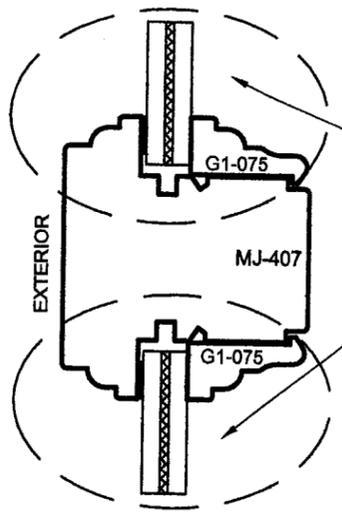
**C2** ASTRAGAL  
@ Meeting Stile



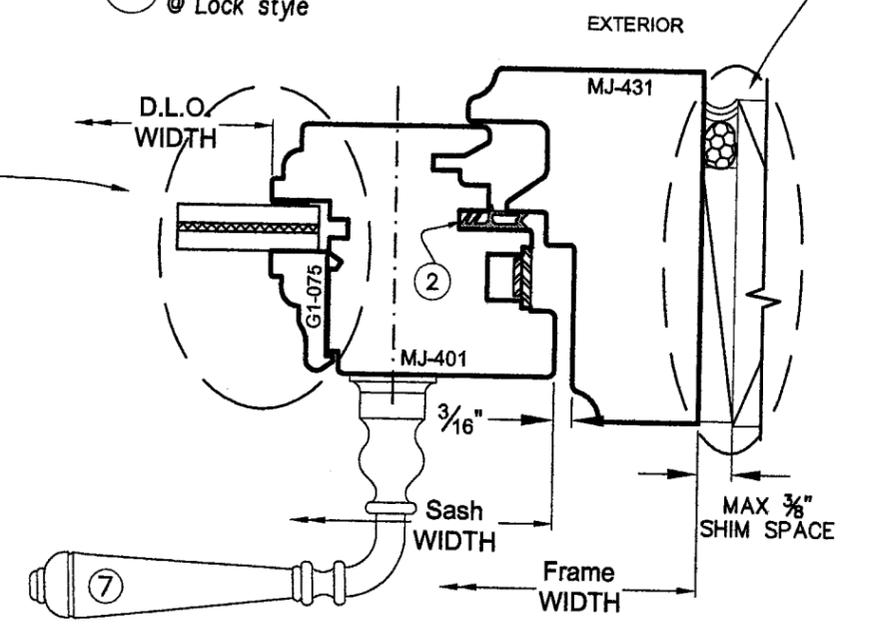
**B2** JAMB  
@ Hinge stile



**D2** SASH BAR  
(optional)



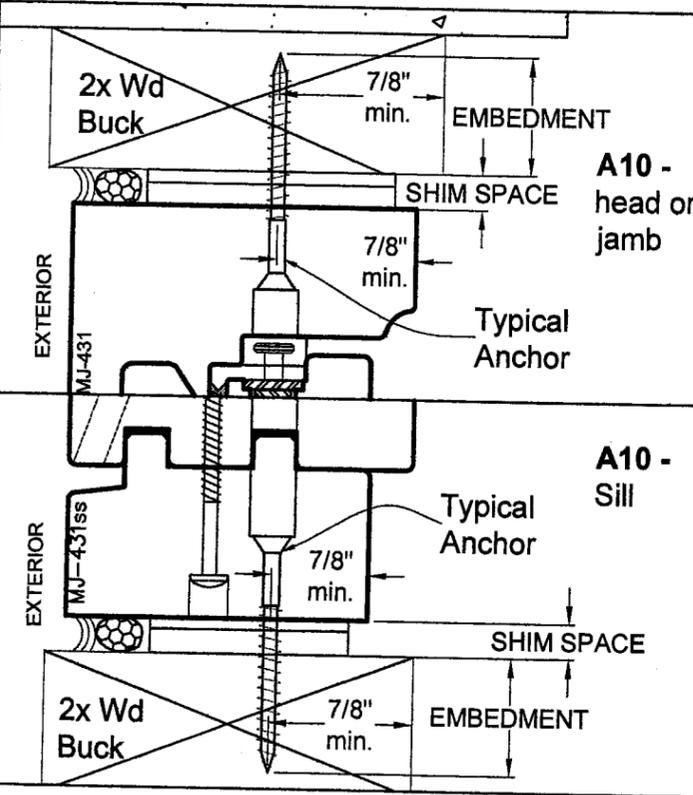
**E2** JAMB  
@ Lock style



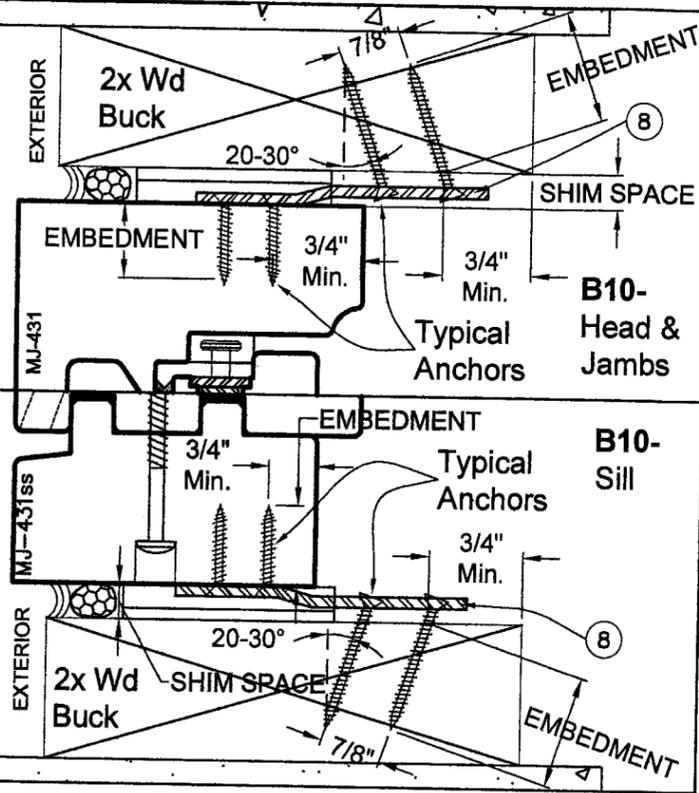
- NOTES:
- Clear silicone sealant at shown interfaces
  - Backing rod and sealant as required
  - Numbers are referring to bill of materials (sheet 7)

# ANCHORING DETAILS VIEWS

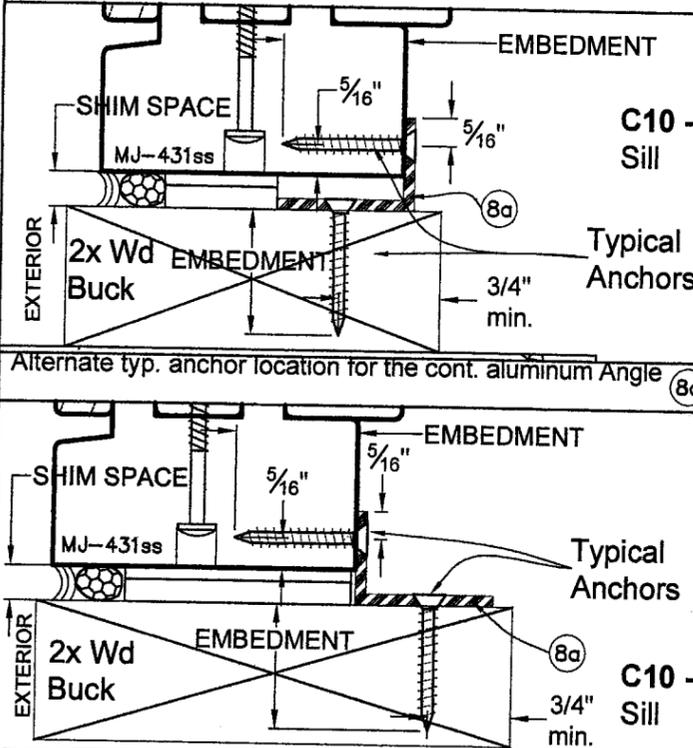
**A10 -** Typical direct anchor on 2x wood buck using wood screws. Size and spacing as per ANCHOR REQUIREMENTS TABLE on sheet 6.



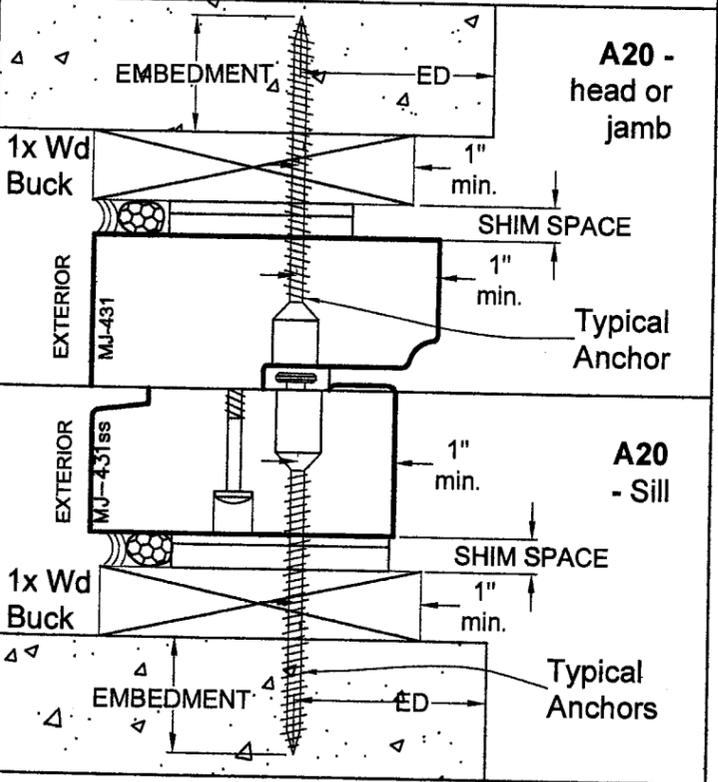
**B10 -** Typical anchor using Installation Bracket (8) on 2x wood buck using wood screws as per ANCHOR REQUIREMENTS TABLE on sheet 6.



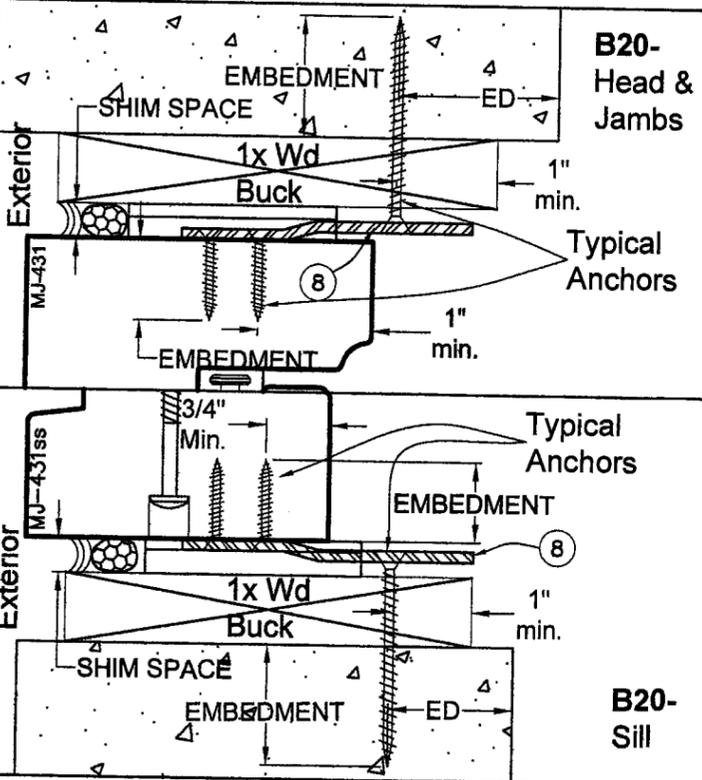
**C10 -** Typical anchor (@ sill only) w/ Continuous Aluminum Angle (8a) using wood screws in 2x wood buck and window frame. Size and spacing as per ANCHOR REQUIREMENTS TABLE on sheet 6.



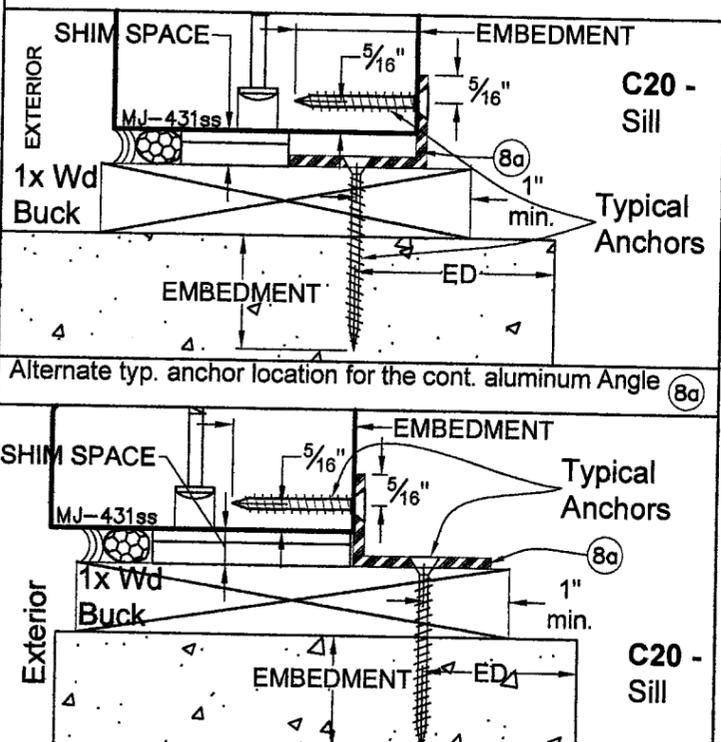
**A20 -** Typical direct anchor through 1x wood buck into concrete using Tapcon screws. Size and spacing as per ANCHOR REQUIREMENTS TABLE on sheet 6.



**B20 -** Typical anchor w/ Installation Bracket (8) using Tapcon screws through 1x wood buck into concrete as per ANCHOR REQUIREMENTS TABLE on sheet 6.



**C20 -** Typical anchor w/ Continuous Aluminum Angle (8a) using Tapcon screws through 1x wood buck into concrete and wood screw into window frame. Size and spacing as per ANCHOR REQUIREMENTS TABLE on sheet 6.



1855 GRIFFIN ROAD,  
SUITE A-271  
DANIA, FL 33004

**JS SERIE  
INSWING  
WOOD WINDOWS  
MIAMI DADE COUNTY**

Drawing no.: 04/21/06

Scale: NONE Drawn by: S. Marcotte

Date drawn: 01/10/99 Date revised: 05/08/06

File: JS-3-IN Page: 5/10

STRUCTURALLY REVIEWED BY:

**WALTER A. TILLIT JR., P.E.  
STRUCTURAL ENGINEER  
FL. LIC. NO. 44167**

*[Signature]*

MAY 08 2006



TILLIT TESTING & ENGINEERING COMPANY  
6355 NW 36th STREET, STE. 305  
MIAMI, FLORIDA 33166  
FL E.B. LICENSE No. 0006719

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No. 05-1004-05  
Expiration Date 02/08/11  
By *[Signature]*  
Miami Dade Product Control  
Division

# ANCHOR REQUIREMENTS TABLE

Anchoring method	Substrate	Inst. Ref. No.	Fasteners type, size & embedment	Spacing		Min. dist. from wood buck edge	Min. dist. from msry edge (ED)	Min. dist. from unit frame edge	Min. embedment	
				From corner	On center				Into buck / msry	Into unit frame
Direct anchor (shear screws)	2x_ wood buck	<b>A10</b> 4 sides	Through the unit frame into the buck frame: (1) #14 x 2 3/4" wood screw.	5 1/2"	4 1/2"	7/8"	----	7/8"	1 1/4"	----
	1x_ wood buck	<b>A20</b> 4 sides	Through the unit & buck frame into the concrete: (1) 1/4" x 2 3/4" Elco / Textron Tapcon screw.	5 1/2"	5 1/2"	1"	2 1/2"	1"	1 1/4"	----
PDF-FS-05/D Installation bracket	2x_ wood buck	<b>B10</b> head jamb	To the buck frame: (2) #12 X 1 1/2" all threaded (a.T.) wood screws. To the unit frame: (2) # 10 x 1" a.T. wood screws.	5 1/2"	11"	3/4"	----	3/4"	1 1/4"	7/8"
		<b>B10</b> sill	To the buck frame: (2) #12 X 1 1/2" a.T. wood screws. To the unit frame subsill (MJ431ss): (2) # 10 x 1" a.T. wood screws.	5 1/2"	11"	3/4"	----	3/4"	1 1/4"	7/8"
	1x_ wood buck	<b>B20</b> head jamb	Through the buck frame into the concrete: (1) 1/4" x 2 3/4" Elco / Textron Tapcon screw. Into the unit frame: (2) #10 x 1" a.T. wood screws.	5 1/2"	10 1/2"	1"	2 1/2"	3/4"	1 1/4"	7/8"
		<b>B20</b> sill	Through the buck frame into the concrete: (1) 1/4" x 2 3/4" Elco / Textron Tapcon screw. To the unit frame subsill (MJ431ss): (2) # 10 x 1" a.T. wood screws.	5 1/2"	10 1/2"	1"	2 1/2"	3/4"	1 1/4"	7/8"
Continuous aluminum angle (At sill only)	2x_ wood buck	<b>C10</b> sill	To the window subsill and to the buck frame with (1) #12 x1 1/2" a. T. wood screw.	5 1/2"	9"	3/4"	----	5/16"	1 1/4"	1 1/4"
	1x_ wood buck	<b>C20</b> sill	Through the buck frame into the f'c= 3320 psi. concrete: (1) 1/4" x 2 3/4" Elco / Textron Tapcon screw. Into the unit subsill: (1) #12 x1 1/2".	5 1/2"	10"	1"	2 1/2"	5/16"	1 1/4"	1 1/4"

**JS SERIE  
IN SWING  
WOOD WINDOWS  
MIAMI DADE COUNTY**

Drawing no.: JS-3-IN  
Scale: NONE      Drawn by: S. Marcotte  
Date drawn: 04/21/06      Date revised: 05/08/06  
File: JS-3-IN      Page: 6/10

STRUCTURALLY REVIEWED BY:  
**WALTER A. TILLIT JR., P.E.**  
STRUCTURAL ENGINEER  
FL. LIC.NO. 44167



MAY 03 2006

**TILECO INC.**

TILLIT TESTING & ENGINEERING COMPANY  
6355 NW 36th STREET, STE. 305  
MIAMI, FLORIDA 33166  
FL E.B. LICENSE No. 0006719

**NOTES:**

- All shim spaces between window frame and wood buck max. 3/8" @ head, jambs and sill. Use std wood or plastic shims.
- Jambs anchoring identical to head anchoring shown
- Wood bucks (by others) and openings must be designed by the professional of record to properly transfer wind loads to the main structure.
- Installation brackets (B) and aluminum angles (Ba) may be positioned at the interior or exterior side of the window.
- Materials, but not limited to steel & steel screws that come in contact with other dissimilar materials shall meet with section 2003.8.4 of the 2004 edition of the Florida Building Code with the 2005 supplement.

((( Backing rod and sealant as required

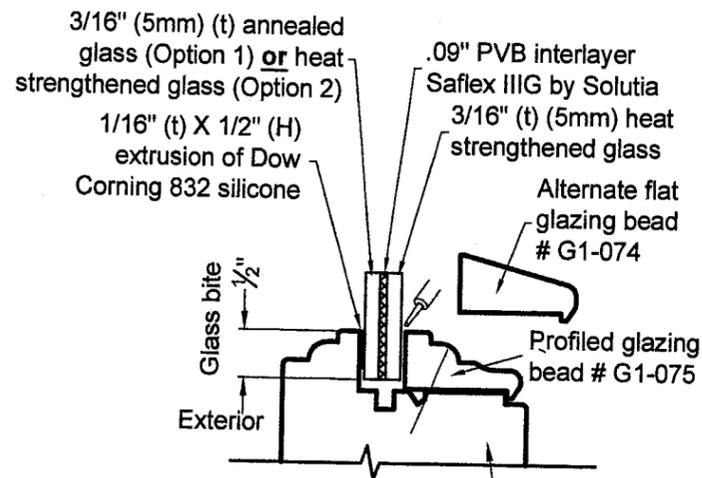
(#) Numbers in circle are referring to bill of materials (sheet 7)

**PRODUCT REVISED**  
as complying with the Florida Building Code  
Acceptance No. 05-1004.05  
Expiration Date 02/08/11

By:   
Miami Dade Product Control Division

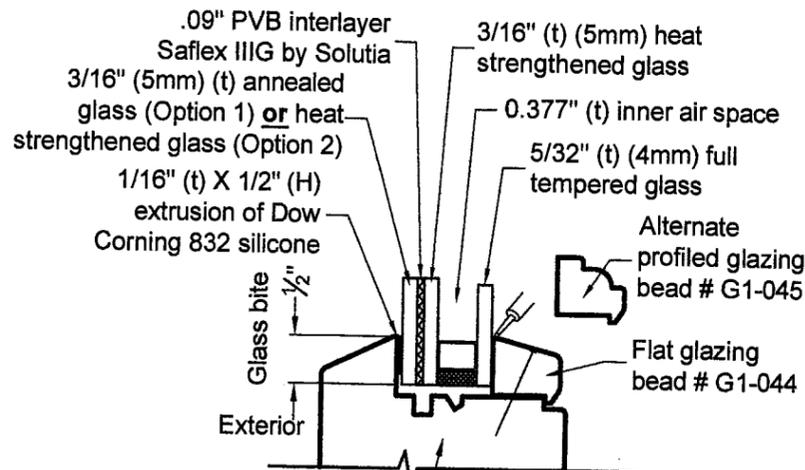
# GLAZING DETAILS

## Typ. glazing w/ monolithic laminated glass

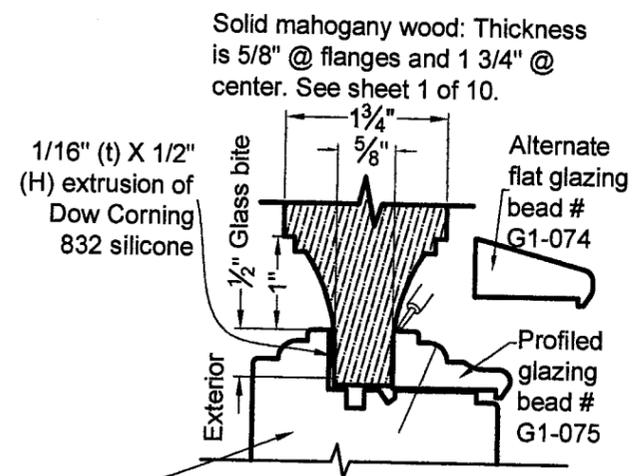


MJ-400/01/02/07 with a or t suffix,  
HJ-401/08/11

## Typ. glazing w/ double insulated glass

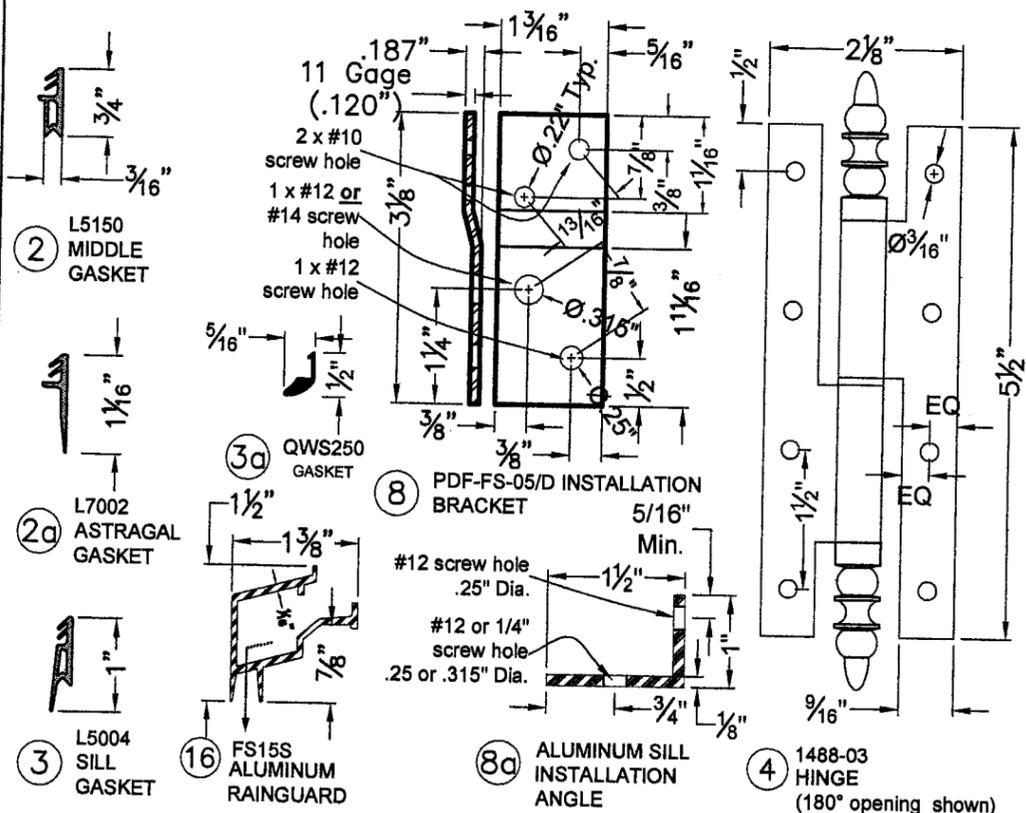


## Typ. glazing w/ raised wood panel



NOTE: All glazing beads fixed at the glass perimeter w/ #18 gauge x 1" long finishing nails spaced 2" from the corners and 10" o/c.

# ACCESSORIES



# BILL OF MATERIALS

(see also related cross sections details)

Ref.	ITEM DESCRIPTION	MANUFACTURER / NOTES
2	Brügman L5150, Push-in EPDM middle gasket	Push-in gasket, in a continuous groove around the sash.
2a	Brügman L7002, Push-in EPDM In-active astragal meeting stile middle gasket	Push-in gasket in a continuous groove. Ends @ sash's head & sill glued to the L5150 gasket
3	Brügman L5004, Push-in EPDM sill gasket	Push-in gasket, in a continuous groove at sash sill.
3a	Schlegel QWS250 Polyurethane foam gasket.	Push-in gasket, in a cont. groove around the sash.
4	Jardinier Massard S.A. 1488-03 painted steel hinges	5 per hinged stile of sashes, 8" from corners; see elevations for max. o/c spacing. 4 x #7 x 1" flat head screws on sash and frame for each hinge.
5	Ferco multi-point lock system.	Ferco G-20755 corner gear Ferco 6-26295 steel intermediate arm Ferco 6-26076 steel lever. Ferco 6-25485 steel mechanism Bronze cast alloy keeper, #833856.
7	Lock handle	As required to operate lock.
8	PDF-FS-05/D Installation bracket Gage 11 ASTM A653 SQ 33 G90 galvanized steel	To door frame: 2x #10 x 1" a.t. wood screws. Min. embedment is 3/4". To door sill frame: 2 x #10 x 3/4" a.t. wood screws. Min embedment is 5/8". To structure as per ANCHOR REQUIREMENTS on sheets 4
8a	Installation Aluminum angle (Alloy 6063-T5)	Screwed to wood sill and to structure as per ANCHOR REQUIREMENTS on sheets 5
9	Subsill to sill wood pan head assembly screw.	(1) #12 x 2 1/2" @ 5 1/2" from ends & 12" o/c.
16	Rainguard FS15S profile w/ weep holes @ 4 3/4" o/c. Aluminum alloy 6063-T5.	Screwed to wood sill w/ #8 x 3/4" round head wood screws @ 9 1/4" o/c. Butt joints against the frame jambs @ both ends.

# REF. NUMBERS ARE RELATED TO THOSE USED ON CROSS SECTIONS DRAWINGS



1855 GRIFFIN ROAD,  
SUITE A-271  
DANIA, FL 33004

JS SERIE  
INSWING  
WOOD WINDOWS  
MIAMI DADE COUNTY

Drawing no.: JS-3-IN

Scale: NONE  
Drawn by: S. Marcotte

Date drawn: 04/21/06  
Date revised: 05/08/06

File: JS-3-IN  
Page: 7/10

STRUCTURALLY REVIEWED BY:

WALTER A. TILLIT JR., P.E.  
STRUCTURAL ENGINEER  
FL. LIC. NO. 44167

*[Signature]*

MAY 03 2006

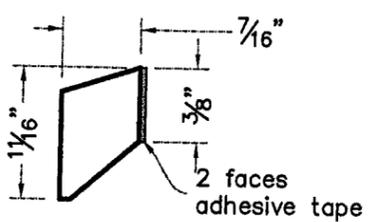


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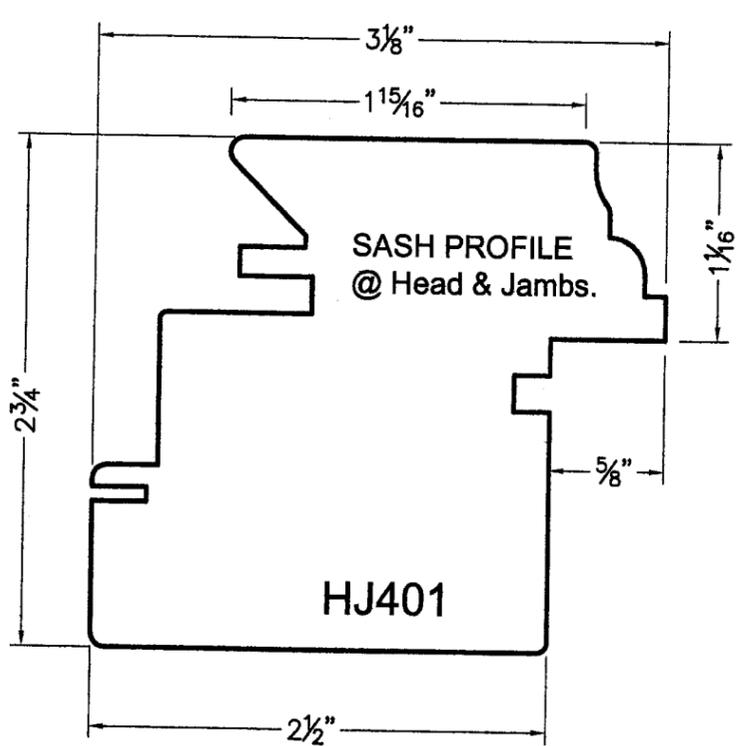
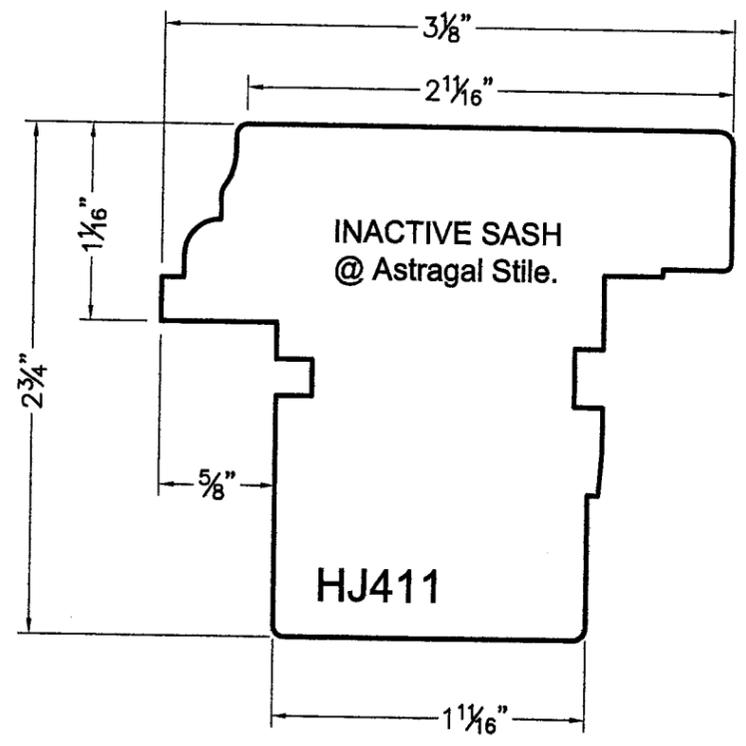
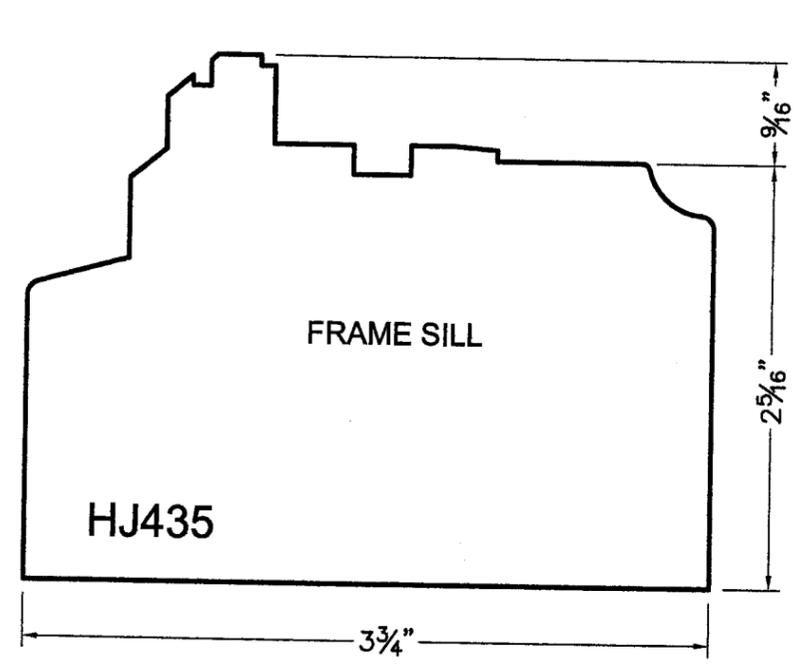
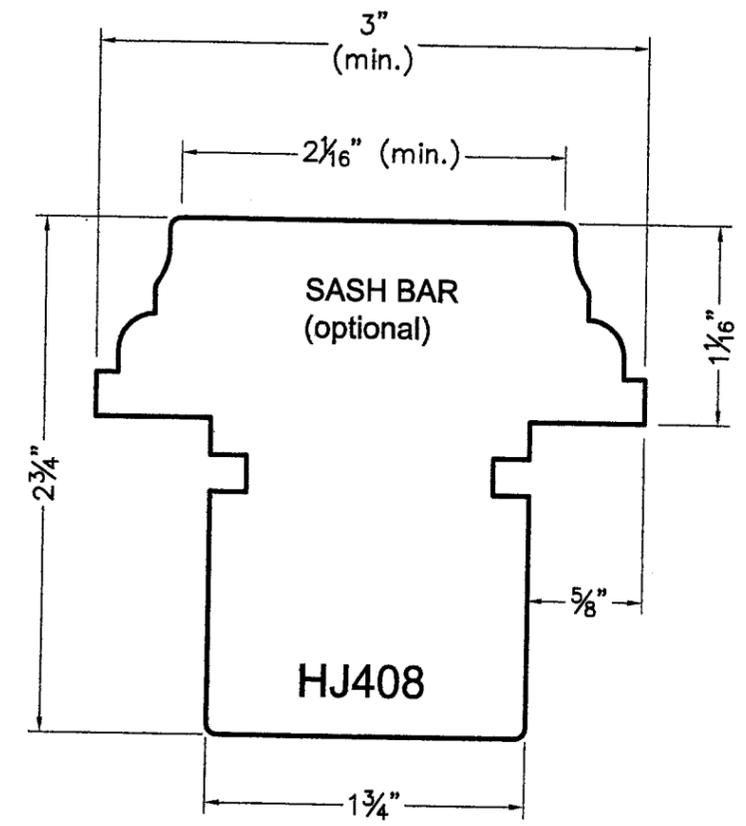
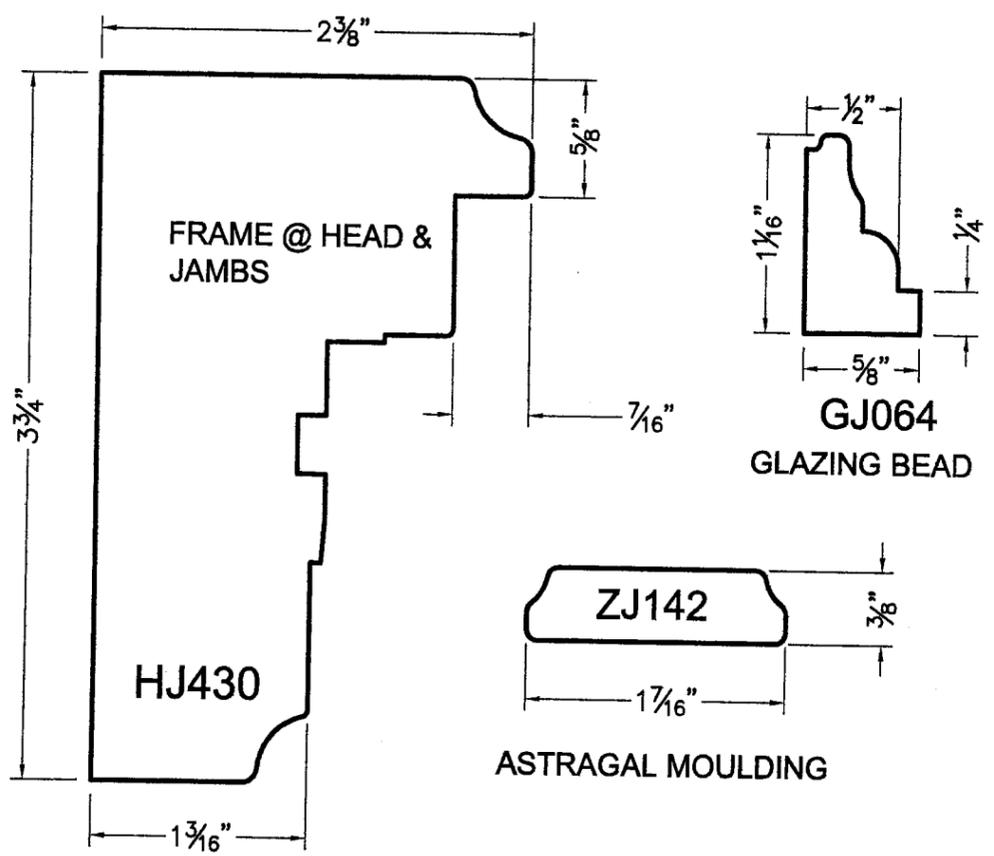
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Expiration Date: 02/08/07  
By: *[Signature]*  
Miami Dade Product Control  
Division

**WOOD PROFILES**

**NOTE:**  
These profiles apply to elevations on sheet 1 only



**ZT130**  
SASH WATER DRIP



**JS SERIE  
IN SWING  
WOOD WINDOWS  
MIAMI DADE COUNTY**

Drawing no.: JS-3-IN	
Scale: NONE	Drawn by: S. Marcotte
Date drawn: 04/21/06	Date revised: 05/08/06
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Miami Dade Product Control  
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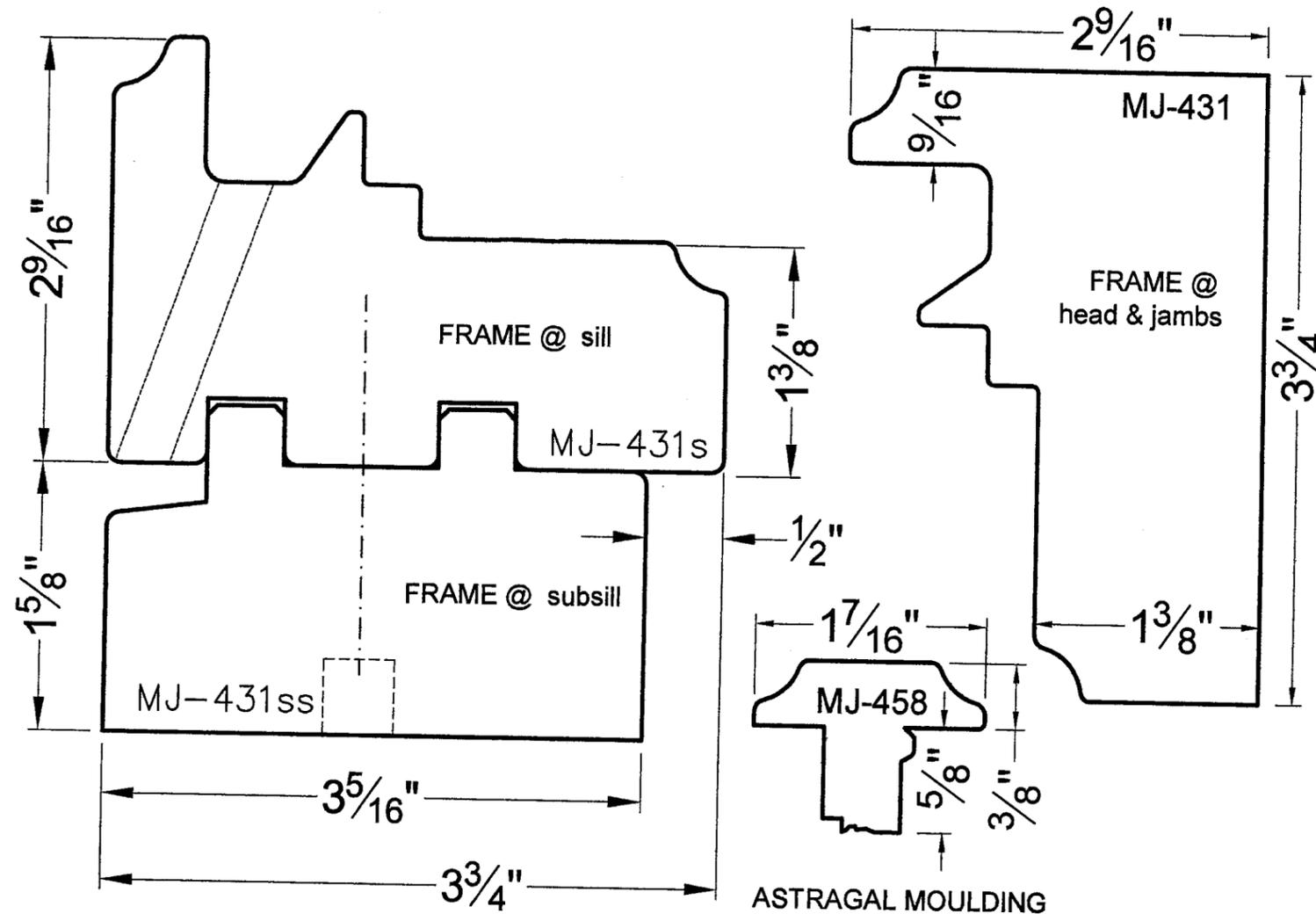
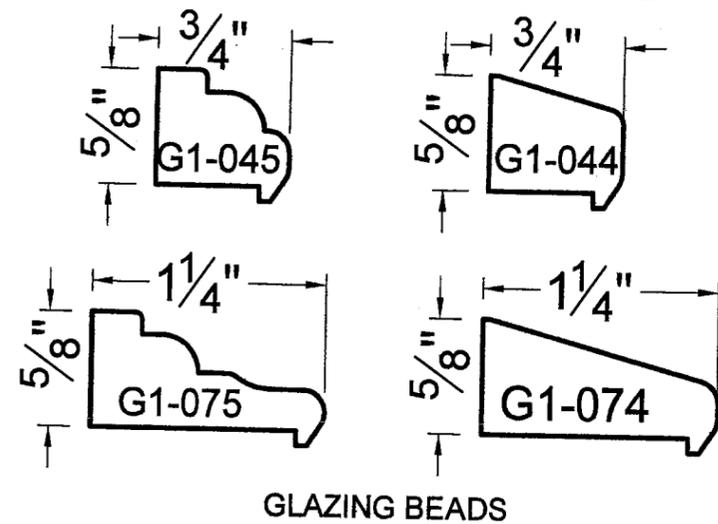
# WOOD PROFILES

NOTE: All profiles dimensions shown are minimum dimensions.

## Alternate glazing fence details

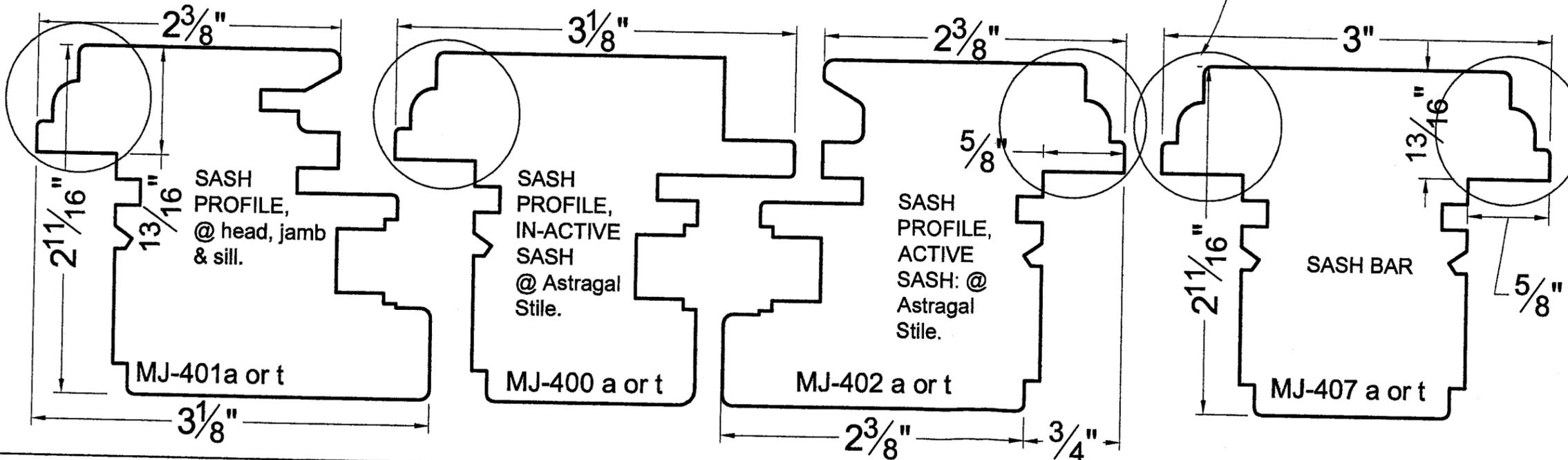
Flat glazing fence:  
Part number w/ "a"  
suffix.

Moulded glazing  
fence: Part number  
w/ "t" suffix.



NOTE:  
These profiles apply to elevations on sheet 2 only

See Alternate glazing fence  
details on this sheet



**mj**  
WINDOWS  
OF EUROPE AND  
THE AMERICAS

1855 GRIFFIN ROAD,  
SUITE A-271  
DANIA, FL 33004

JS SERIE  
IN SWING  
WOOD WINDOWS  
MIAMI DADE COUNTY

Drawing no.: JS-3-IN	
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*[Signature]*  
MAY 03 2006



TILLIT TESTING & ENGINEERING COMPANY  
6355 NW 36th STREET, STE. 305  
MIAMI, FLORIDA 33166  
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to comply with the Florida  
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Miami Dade Product Control  
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**JS SERIE  
 INSWING  
 WOOD WINDOWS  
 MIAMI DADE COUNTY**

Drawing no.: JS-3-IN

Scale: NONE  
 Drawn by: S. Marcotte

Date drawn: 04/21/06  
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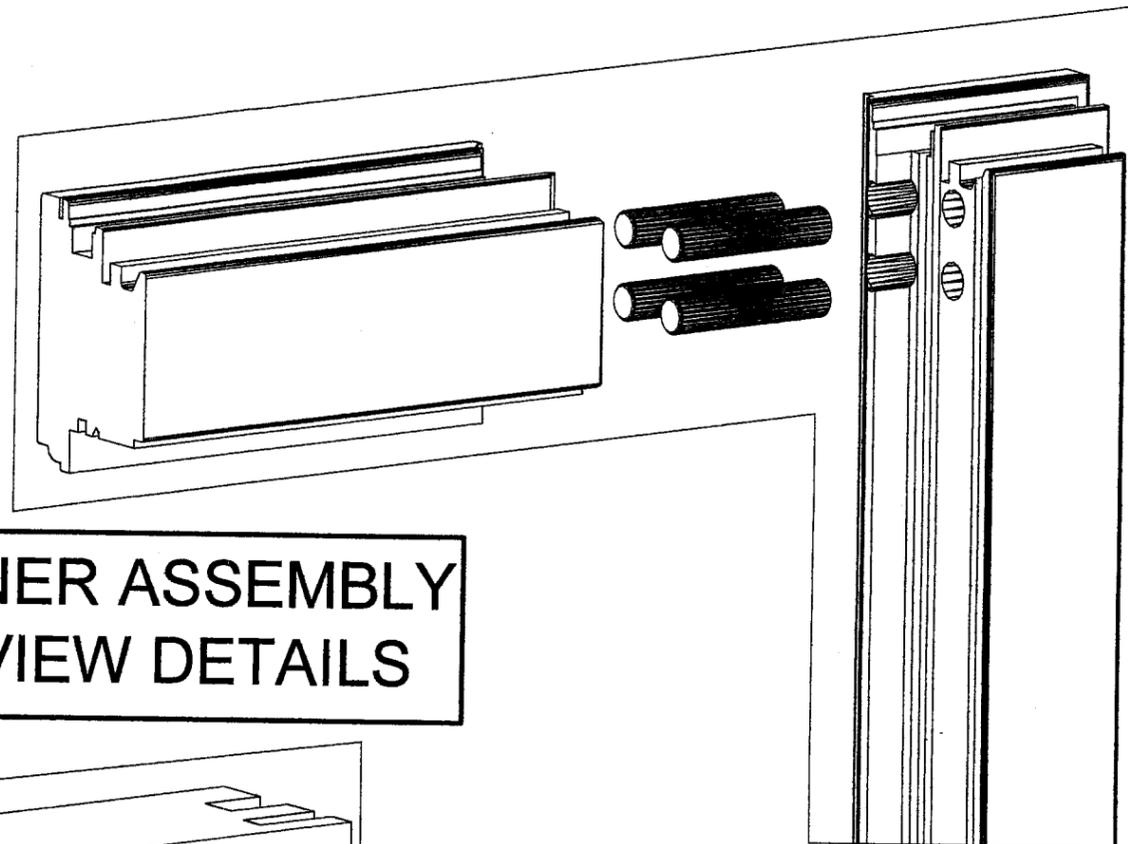
*[Signature]*  
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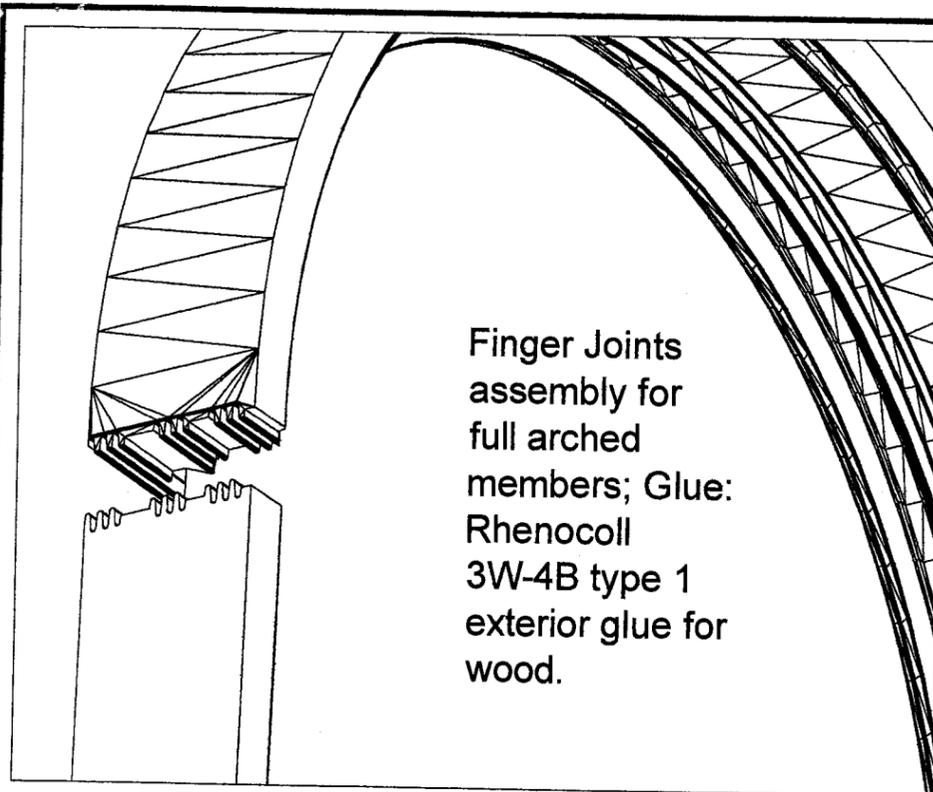
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 By *[Signature]*  
 Miami Dade Product Control  
 Division

Sash rails to sash stiles: 4x 7/16" x 2 3/4" wood  
 dowels, w/ 1 3/8" embedment to each profile  
 Glue: Rhenocoll 3W-4B type 1 exterior glue for wood.

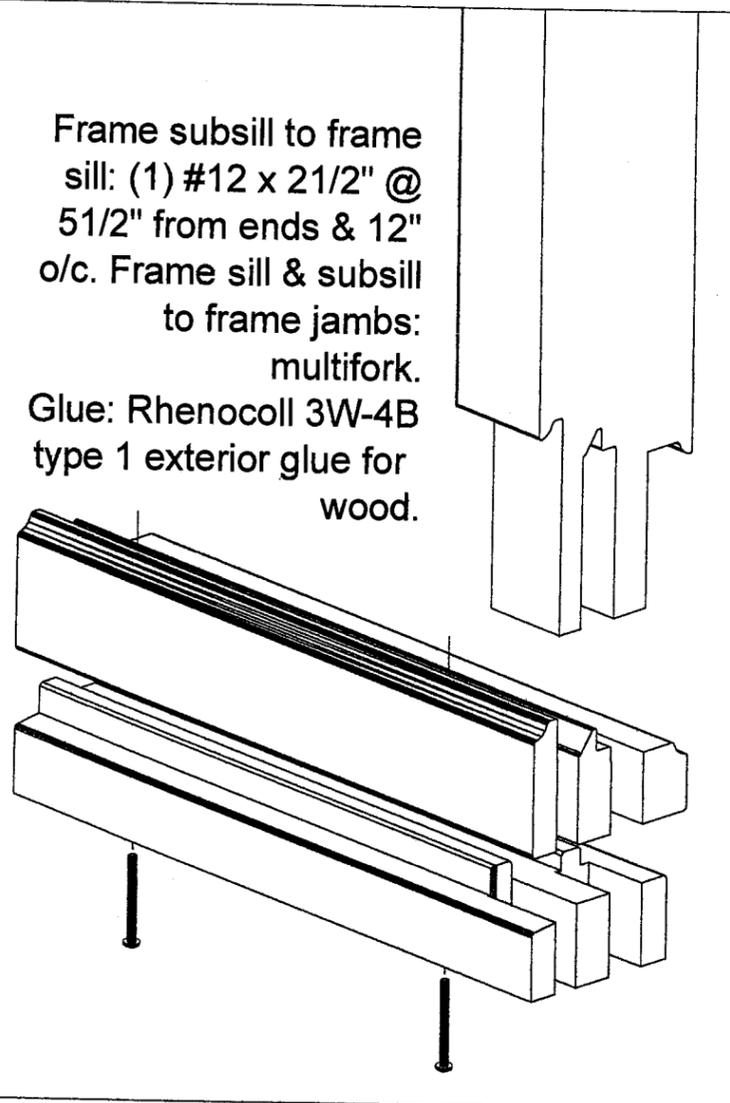


**CORNER ASSEMBLY  
 3D VIEW DETAILS**

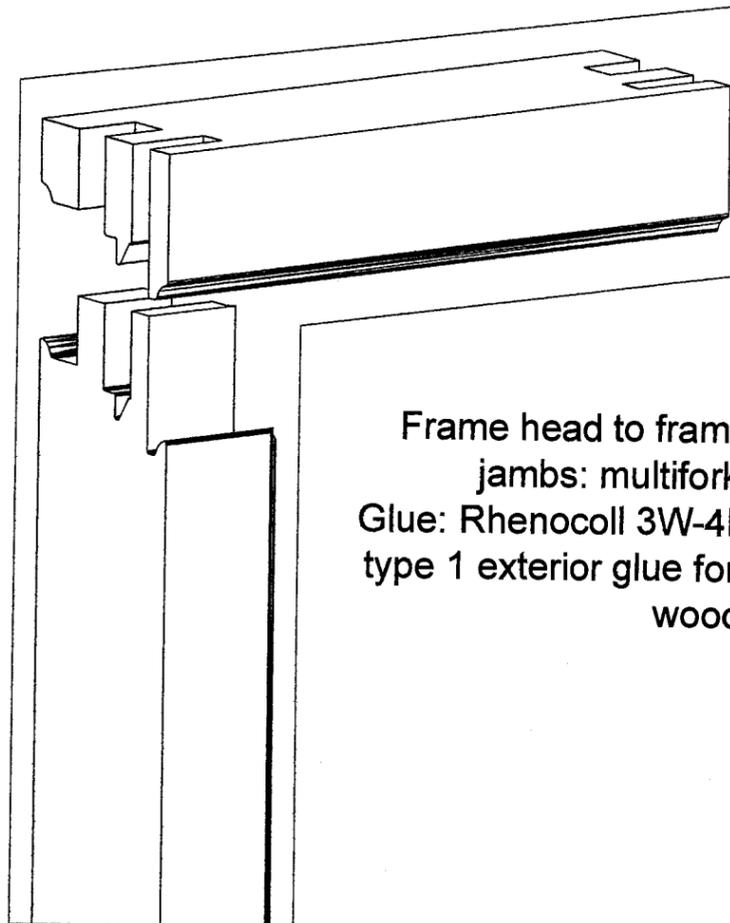
Finger Joints  
 assembly for  
 full arched  
 members; Glue:  
 Rhenocoll  
 3W-4B type 1  
 exterior glue for  
 wood.



Frame subsill to frame  
 sill: (1) #12 x 2 1/2" @  
 5 1/2" from ends & 12"  
 o/c. Frame sill & subsill  
 to frame jambs:  
 multifork.  
 Glue: Rhenocoll 3W-4B  
 type 1 exterior glue for  
 wood.



Frame head to frame  
 jambs: multifork.  
 Glue: Rhenocoll 3W-4B  
 type 1 exterior glue for  
 wood.



Sash bar to sash  
 stiles: 2x #12 x 3"  
 wood  
 screws at each end  
 min. embedment is  
 1 1/2"

