



BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

M.Q. Windows, Inc.
1855 Griffin Road, Suite A-274
Dania ,FL 33004

Your application for Notice of Acceptance (NOA) of:

JS Series Fixed/Shaped Mahogany Windows -Large Missile Impact

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

Raul Rodriguez
Chief Product Control Division

ACCEPTANCE NO.: 99-1228.03
EXPIRES: 03/01/2006

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 03/01/2001

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

- 1.1** This approves a wood fixed window as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code, (SFBC), 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

- 2.1** The "JS" Series Mahogany Wood Fixed \ Shaped Windows-Large Missile Impact Resistant and its components shall be constructed in strict compliance with the following document: **Drawing No. MQJS-NOA2**, titled "JS Serie Wood Fixed Window", sheets 1 through 15 of 15 prepared by manufacturer, dated 01/10/99 revised on 07-11-00 and 02-02-2001, signed and sealed by Walter A. Tillit Jr., 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. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

- 3.1** This approval applies to single unit applications, as shown on approved drawings.

4. INSTALLATION

- 4.1** The mahogany wood fixed window and its components shall be installed in strict compliance with the approved drawings.
- 4.2** The installation of this unit **will not require** a hurricane protection system.

5. LABELING

- 5.1** 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".

6. BUILDING PERMIT REQUIREMENTS

- 6.1** Application for building permit shall be accompanied by two copies of the following:
- 6.1.1** This Notice of Acceptance.
 - 6.1.2** Duplicate copies of the approved drawings, as identified in section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.
 - 6.1.3** Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.

Ishaq I. Chanda

Ishaq I. Chanda, P.E., Product Control Examiner
Product Control Division

NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
 - b) The product is no longer the same product (identical) as the one originally approved.
 - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
 - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted, is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a) Unsatisfactory performance of this product or process;
 - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance number preceded by the words Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all times. The engineer does not need to reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Acceptance contains pages 1, 2, this last page 3.

Ishaq I. Chanda
Ishaq I. Chanda, P.E. Product Control Examiner
Product Control Division

END OF THIS ACCEPTANCE

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWING:

1. Manufacturer's parts and sections drawings.
2. Drawing No. **Drawing No. MQJS-NOA2**, titled "JS Serie Wood Fixed Window", sheets 1 through 15 of 15 prepared by manufacturer, dated 01/10/99 revised on 07-11-00 and 02-02-2001, signed and sealed by Walter A. Tillit Jr., P.E..

B. TESTS:

1. Test Report No. **HTL-0118-1006-98 (Sp#4 PA201/203), HTL-0118-1103-98 ((Sp#1 & Sp#2(PA202)) and (Sp#5,PA201,202,203), HTL -0118-1298-98(Sp#6, # 7(PA201/203)) , HTL-0118-1218-98 (Sp#6 (PA201/203))** prepared by Hurricane Testing Laboratories, dated 10/15//98 thru 07-06-99, signed and sealed by Timothy S. Marshall, P.E., for the following tests:
 - 1) Air Infiltration Test, per PA 202-94
 - 2) Uniform Static Air Pressure Test, Loading per PA 202-94
 - 3) Water Resistance Test, per PA 202-94. (approved for HJ430 sill only, all other sills not approved for water infiltration)
 - 4) Large Missile Impact test, per SFBC and PA201-94
 - 5) Cyclic loading test, per SFBC and PA203-94
 - 6) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94
 along with manufacturer's parts and section drawings marked by Hurricane Testing Laboratory Inc.

C. CALCULATIONS

1. Anchor verification calculations prepared by Tilteco Inc., dated November 04, 1999, revised on 01-29-01, signed and sealed by Walter A. Tillit, Jr., P.E.

D. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 98-0120.06, issued to Solutia Inc., for "Saflex IIIG Polyvinyl Butryal Interlayer-For laminated Glass", expiring 05-21-01.

E. STATEMENTS

1. Stateman letter of conformance, dated 11-24-1999, signed and sealed by Walter A. Tillit Jr., P. E.
2. Statement letter of no financial interest, dated January 08, 2001, signed and sealed by Walter A. Tillit Jr., P. E.
3. Statement letter of compliance dated March 1, 1999, issued by Hurricane Testing laboratory, signed and sealed by Timothy S. Marshall, P.E.
4. Addendum letter dated 04-27-00 for **HTL-0118-1103-98 (Sp#1) and 0118-1006-98(Sp#2)**, prepared by Hurricane Testing Laboratories, signed and sealed by Vinu Abraham, P.E.

E. OTHER

1. Test proposal 98-0073 dated August 3, 1998, revised on October 14, 1998, reviewed and approved by BCCO.
2. Various correspondence, faxes, meetings and telephone calls from MQ Windows between October, 2000 and February 2001, related to approval units and calculations.
3. ASTM-1300-98 (Design pressure extapolation of annealed glass, per appendix X-3 based on probability of lit 8/1000 breakage), criteria set by BCCO.

Ishaq I. Chanda

 Ishaq I. Chanda, P.E., Product Control Examiner
 Product Control Division

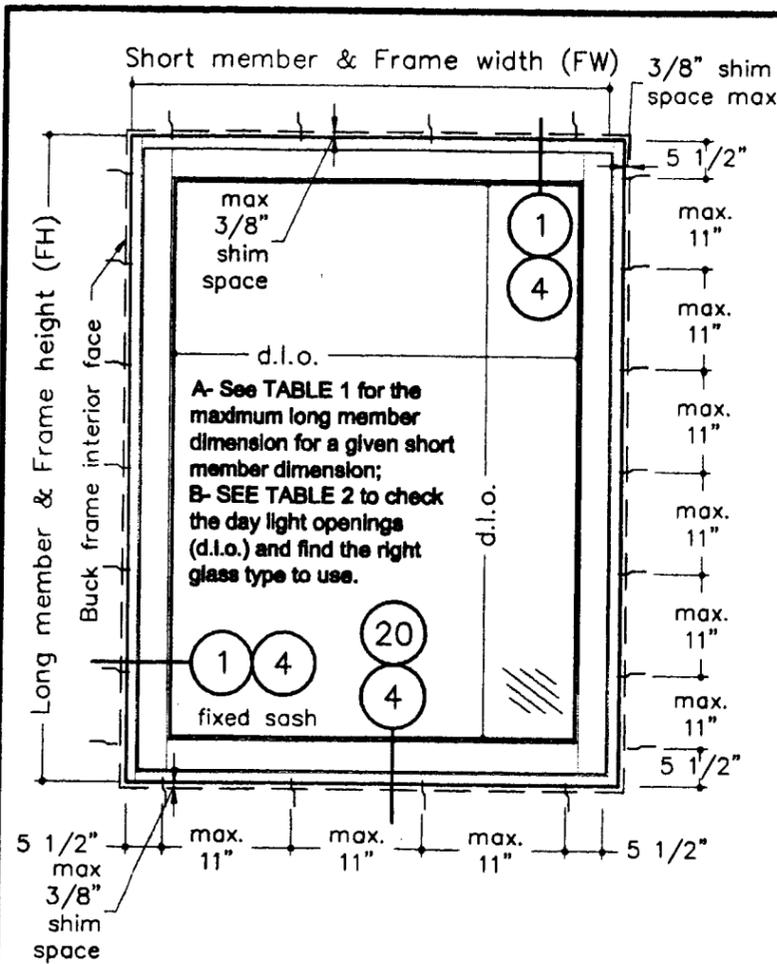


TABLE 2
GLASS TYPES FOR FRAME DIMENSIONS OF TABLE 1 OR FOR BASIC RECTANGLES GIVEN ON SHEETS 2, 3, 4 AND 5 OF THIS DRAWING
 If, for a given long member d.l.o., the actual short member daylight opening exceeds the maximum dimension indicated on table 2, then
TYPE 2 heat strenghtened laminated glass [3/16" HS - .090" PVB - 3/16" HS]
OR TYPE 3 full tempered laminated glass [3/16" FT - .090" PVB - 3/16" FT]
MUST BE USED

Maximum daylight opening for type 1 laminated glass [3/16" AN - .090" PVB - 3/16" HS]

Given Long member d.l.o. up to (in.)	Max. short member d.l.o. (in.)	Given Long member d.l.o. up to (in.)	Max. short member d.l.o. (in.)
47 1/4	47.244	90 1/2	28.150
51	41.339	94 1/2	27.953
55	38.386	98 1/2	27.559
59	36.220	102 1/4	27.362
63	34.055	106 1/4	26.969
66	32.480	110 1/4	26.772
70 3/4	31.496	114	26.575
74 3/4	30.512	118	26.378
78 3/4	29.528	122	26.220
82 1/2	28.937	126	26.102
86 1/2	28.543	130	25.984

TABLE 1
MAXIMUM SHORT & LONG FRAME DIMENSIONS FOR RECTANGULAR UNITS

GIVEN FRAME SHORT MEMBER dimension (in.) min - max.	MAX. FRAME LONG MEMBER dimension (in.) max.
35 - 40.00	139.000
34 - 41.49	134.000
33 - 43.10	129.000
32 - 44.04	124.000
31 - 44.56	119.000
31 - 44.56	119.000
30 - 45.17	114.000
29.68 - 45.375	112.375
0 - 45.38	112.374
0 - 46.00	108.167
0 - 47.00	102.447
0 - 48.00	97.783
0 - 49.00	93.927
0 - 50.00	90.703
0 - 51.00	87.983
0 - 49.00	93.927
0 - 50.00	90.703
0 - 51.00	87.983
0 - 52.00	85.672
0 - 53.00	83.695
0 - 54.00	81.997
0 - 55.00	80.533
0 - 58.00	79.267
0 - 60.00	75.690
0 - 64.00	73.719
0 - 68.00	72.747
0 - 70.00	72.526
0 - 72.00	72.440
0 - 72.438	72.438

RECTANGULAR FIXED UNITS CONFIGURATIONS: O

Information on this page applies to cross sections 1 & 20 (sash "inward") and to cross section 4 (sash "outward") ONLY

VIEWED FROM THE OUTSIDE
 WOOD: Mahogany

DESIGN PRESSURE

Positive Pressure: +58 psf
 Negative Pressure: -68 psf

NOTE: Refer to table 1 for minimum and maximum sizes width (FW) & height (FH)

NOTE: This unit will not need a hurricane protective system.

INSTALLATION DETAIL: 2 x PT WOOD BUCK

Head & jambs, DETAIL NO 1 & 4; and Sill, DETAIL NO 20 & 4:
 — Installation Bracket PDF-FS-05/D.

Screwed to the buck frame using 1x #12 x 1 1/2" all threaded (a.T.) wood screws. Min. embedment is 1 1/4". Screwed to the window frame using 2x #10 x 1" a.T. wood screws. Min. embedment is 3/4".

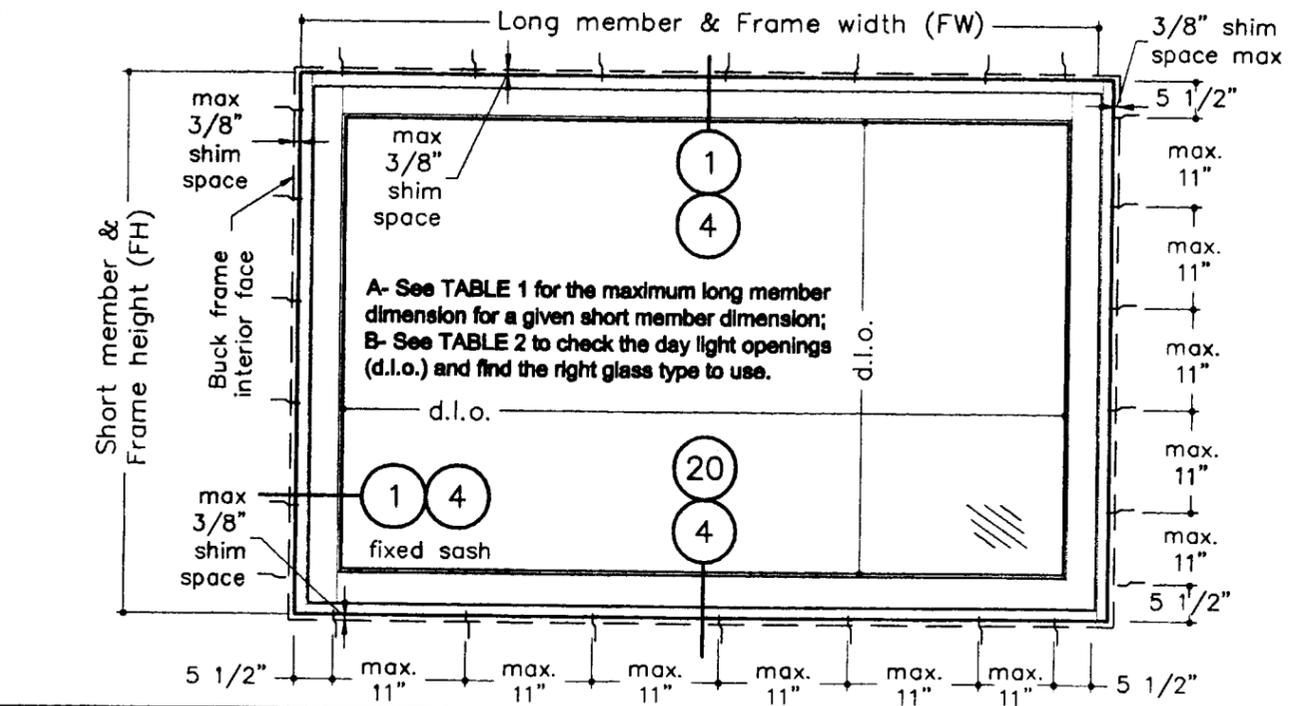
INSTALLATION DETAIL: 1 x PT WOOD SHIM

Head & jambs, DETAIL NO 1 & 4; and Sill, DETAIL NO 20 & 4:
 — Installation Bracket PDF-FS-05/D.

Screwed to the masonry using 1/4" x 2 1/2" Tapcon screws. Min. embedment is 1 1/4". Screwed to the door frame using 2x #10 x 1" a.T. wood screws. Min. embedment is 3/4".

Spacing: All fasteners spacing is 5 1/2" from corners and maximum 11" on center (o/c).

Shim Space: 3/8" MAX. @ head, jambs & sill. Use std wood shims behind as required.



JS SERIES WOOD FIXED WINDOWS
MIAMI DADE COUNTY

Drawing no.: MQJS-NOA2

Scale: 1=20 Drawn by: S. Marcotte

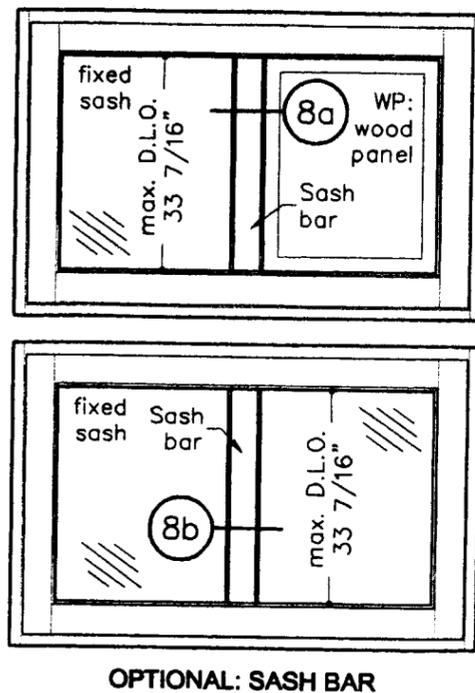
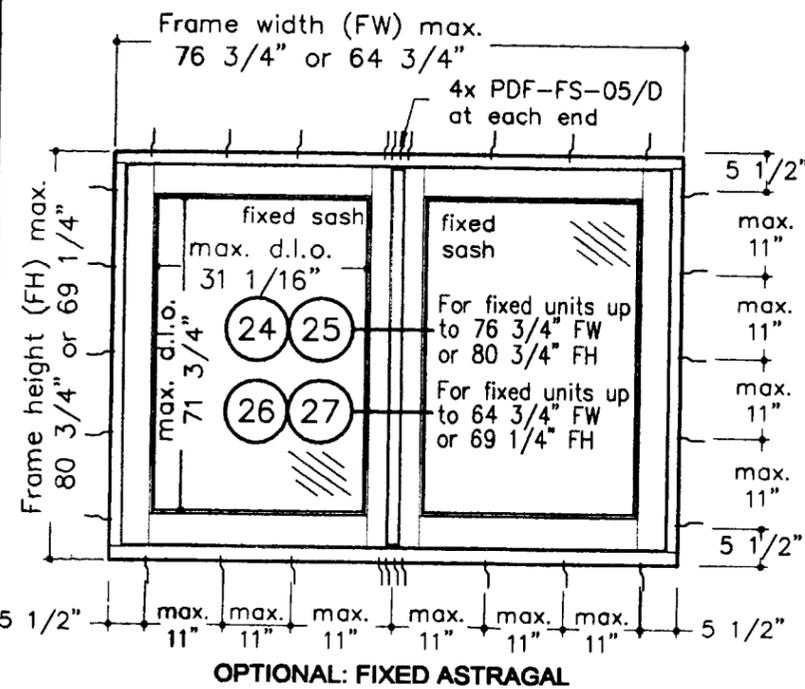
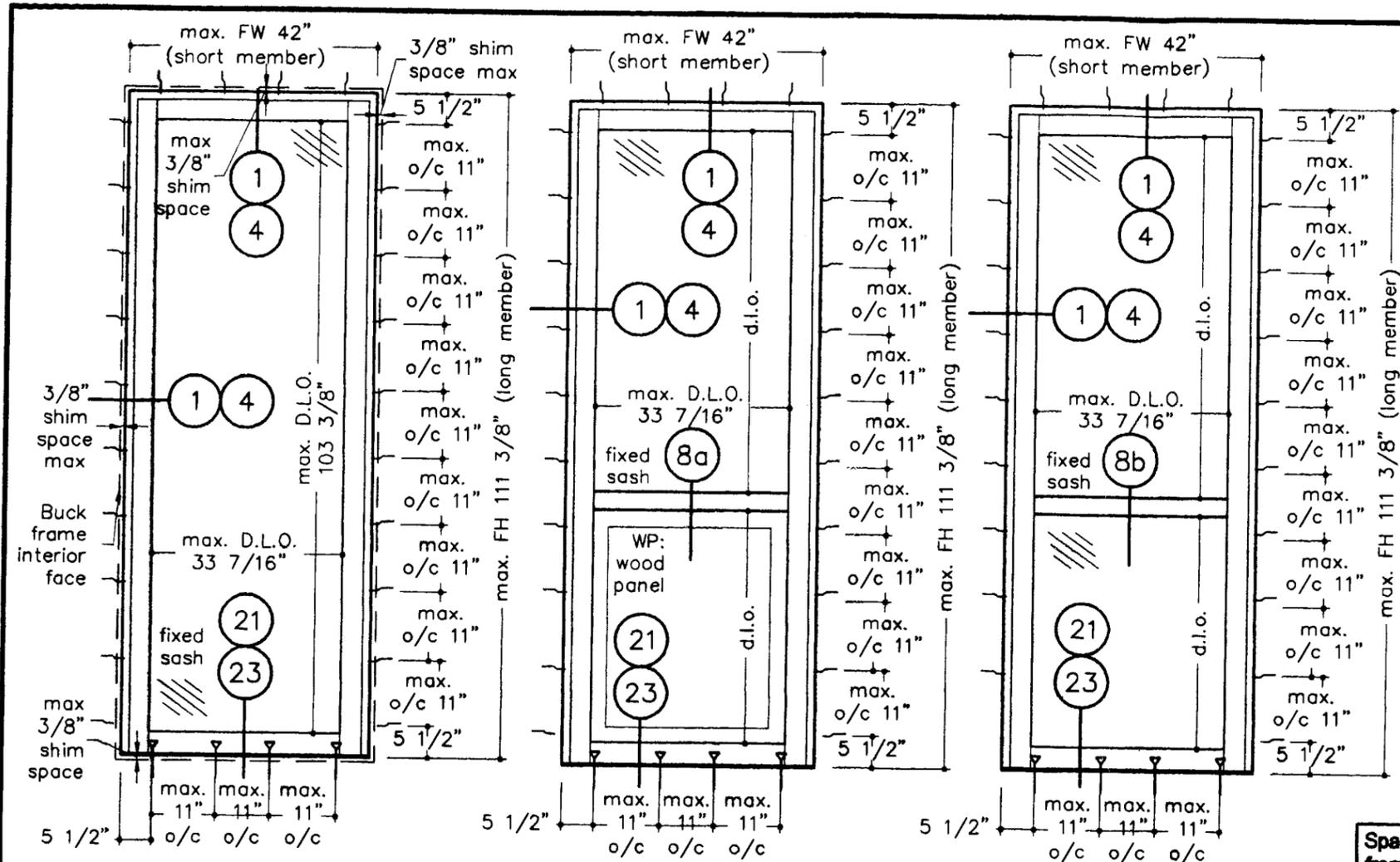
Date drawn: 01/10/99 Date revised: 07/11/00

File: DJS-F9801 Page: 1 / 15

STRUCTURALLY REVIEWED BY:

TILECO INC.
 TILLIT TESTING & ENGINEERING COMPANY
 6595 NW 50th STREET, STE. 217
 MIAMI, FLORIDA 33164
WALTER A. TILLIT JR., P.E.
STRUCTURAL ENGINEER
FL LIC. NO. 44167
Walter A. Tillit Jr.
 2/2/01

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE MARCH 01, 2001
 BY Khay J. Chanda
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 99-1228-03



RECTANGULAR FIXED UNITS
CONFIGURATIONS: 0
MAX. FW & FH AS INDICATED
 Information on this page applies to cross sections 1 & 21 (sash "inward") and to cross sections 4 & 23 (sash "outward")
ALUMINUM THRESHOLD ONLY
 VIEWED FROM THE OUTSIDE
 WOOD: Mahogany

DESIGN PRESSURE
Positive Pressure: +58 psf Negative Pressure -68 psf
maximum frame width (FW) and height (FH) as indicated
NOTE: This unit will not need a hurricane protective system.

TYPE OF GLASS: SINGLE, 15/32" LAMINATED
For sizes shown on table 2, sheet 14: TYPE 1, MADE OF: 3/16"(AN)-0.090" Saflex III G interlayer-3/16"(HS)
For sizes over those on table 2: TYPE 2, MADE OF: 3/16"(HS)-0.090" Saflex III G interlayer-3/16"(HS) OR TYPE 3, MADE OF: 3/16"(FT)-0.090" Saflex III G interlayer-3/16"(FT)
WP: 1 3/4" RAISED WOOD PANEL
MAX. D.L.O. AREA: 7.81 sqf

Spacing: All installation fasteners spacing is 5 1/2" from corners and maximum 11" on center (o/c).

Shim Space: 3/8" MAX. @ head, jambs & sill. Use std wood shims behind as required. Use 4 x brackets at each end of an astragal meeting.

INSTALLATION DETAIL: 2 x PT WOOD BUCK	INSTALLATION DETAIL: 1 x PT WOOD SHIM
<p>Head & jambs, DETAIL NO 1 or 4 Installation Bracket PDF-FS-05/D. Screwed to the buck frame using 1x #12 x 1 1/2" all threaded (a.T.) wood screws. Min. embedment is 1 1/4". Screwed to the window frame using 2x #10 x 1" a.T. wood screws. Min. embedment is 3/4".</p> <p>Sill, DETAIL NO 21 & 23 Directly screwed through the aluminum profile to the buck using 1x #12 x 2" wood screws. Min. embedment is 1 1/4".</p>	<p>Head & jambs, DETAIL NO 1 or 4 Installation Bracket PDF-FS-05/D. Screwed to the masonry using 1x 1/4" x 2 1/2" Tapcon screw. Min. embedment is 1 1/4". Screwed to the window frame using 2x #10 x 1" a.T. wood screws. Min. embedment is 3/4".</p> <p>Sill, DETAIL NO 21 & 23 Directly screwed through the aluminum profile to the masonry using 1/4" x 2 1/2" Tapcon screws. Min. embedment is 1 1/4".</p>



JS SERIES
WOOD FIXED WINDOWS
MIAMI DADE COUNTY

Drawing no.: MQJS-NOA2

Scale: 1=20
 Drawn by: S. Marcotte

Date drawn: 01/10/99
 Date revised: 07/11/00

File: DJS-F9802
 Page: 2 / 15

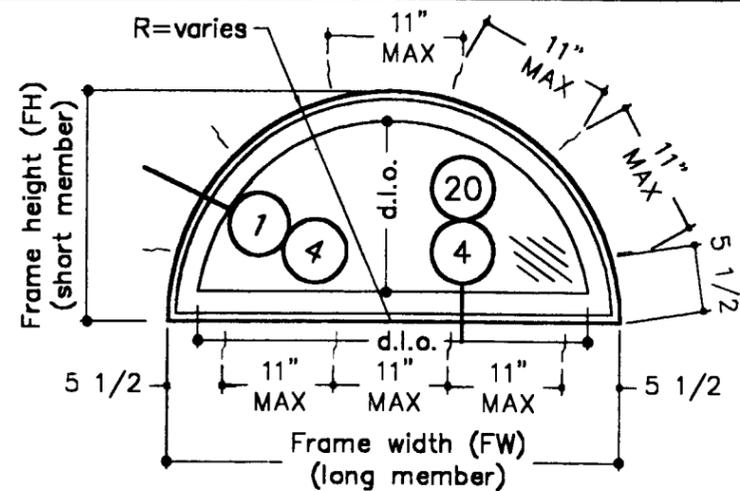
STRUCTURALLY REVIEWED BY:



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

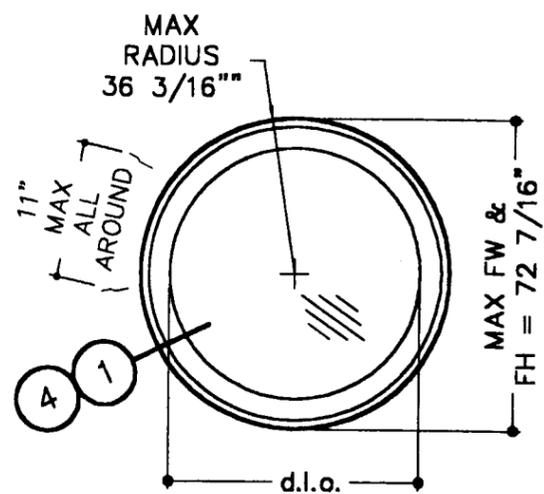
Walter A. Tillit Jr.
 2/2/01

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
 DATE MARCH 01, 2001
 BY Isaac I. Chanda
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 99-1228-03



TO DETERMINE THE MAX. FW AND FH: SHAPES ON THIS PAGE MUST BE INSCRIBED INTO ANY ONE OF THE FOLLOWING BASIC RECTANGLES

42" (FW) x 111 3/8" (FH)
111 3/8" (FW) x 42" (FH)
72 7/16" (FW) x 72 7/16" (FH)
76 3/4" (FW) x 58 1/2" (FH)



ARCHED FIXED SHAPES
 CONFIGURATIONS: O
 FOR MAX. FW & FH SEE BASIC RECTANGLES NOTE

Information on this page applies to cross sections 1 & 20 (sash "inward") and to cross section 4 (sash "outward") ONLY VIEWED FROM THE OUTSIDE
 WOOD: Mahogany

DESIGN PRESSURE
 Positive Pressure: +58 psf
 Negative Pressure -68 psf

NOTE: Refer to basic rectangles for minimum and maximum sizes width (FW) & height (FH)

NOTE: This unit will not need a hurricane protective system.

INSTALLATION DETAIL:
 2 x PT WOOD BUCK

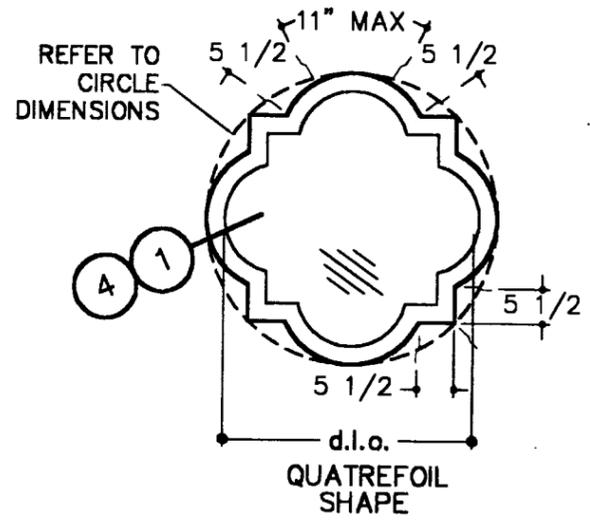
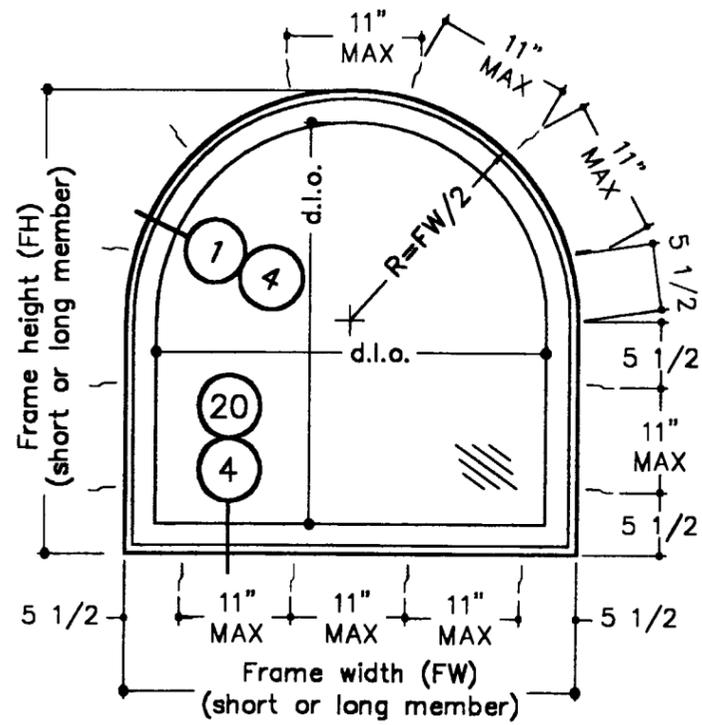
Head & jambs, DETAIL NO 1 & 4; and Sill, DETAIL NO 20 & 4:
 Installation Bracket PDF-FS-05/D.
 Screwed to the buck frame using 1x #12 x 1 1/2" all threaded (a.T.) wood screws. Min. embedment is 1 1/4". Screwed to the window frame using 2x #10 x 1" a.T. wood screws. Min. embedment is 3/4".

INSTALLATION DETAIL:
 1 x PT WOOD SHIM

Head & jambs, DETAIL NO 1 & 4; and Sill, DETAIL NO 20 & 4:
 Installation Bracket PDF-FS-05/D.
 Screwed to the masonry using 1/4" x 2 1/2" Tapcon screws. Min. embedment is 1 1/4". Screwed to the door frame using 2x #10 x 1" a.T. wood screws. Min. embedment is 3/4".

Spacing: All fasteners spacing is 5 1/2" from corners and maximum 11" on center (o/c).

Shim Space: 3/8" MAX. @ head, jambs & sill. Use std wood shims behind as required.



TYPE OF GLASS:
 SINGLE, 15/32" LAMINATED

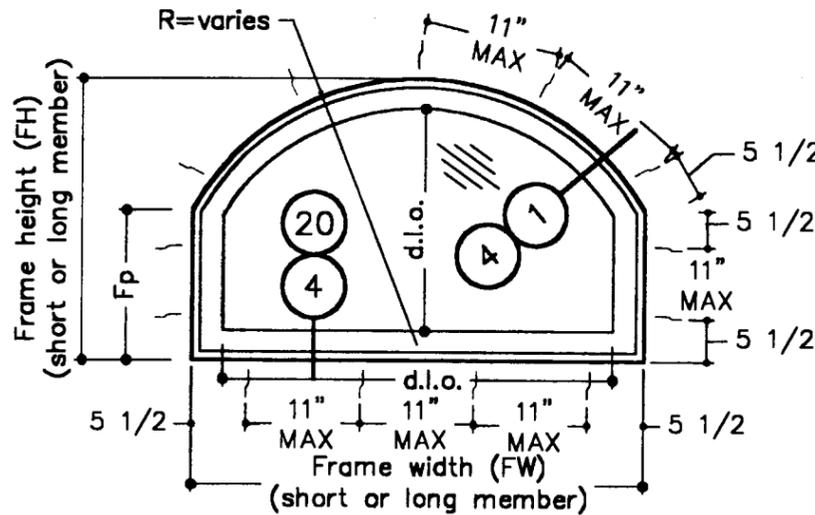
The rectangular glass d.l.o. circumscribing the shaped unit must be taken and checked into table 2, sheet 14/15

For sizes shown on table 2, sheet 14:
 TYPE 1, MADE OF: 3/16" (AN) - 0.090" Saflex III G* interlayer-1/16"(HS)

For sizes over those on table 2:
 TYPE 2, MADE OF: 3/16" (HS) - 0.090" Saflex III G* interlayer-3/16"(HS) OR
 TYPE 3, MADE OF: 3/16" (FT) - 0.090" Saflex III G* interlayer-3/16"(FT)

WP: 1 3/4" RAISED WOOD PANEL

MAX. D.L.O. AREA: 7.81 sqf



JS SERIES
 WOOD FIXED WINDOWS
 MIAMI DADE COUNTY

Drawing no.: MQJS-NOA2

Scale: 1=20
 Drawn by: S. Marcotte

Date drawn: 01/10/99
 Date revised: 07/11/00

File: DJS-F9804
 Page: 4 /15

STRUCTURALLY REVIEWED BY:

TILECO INC.
 TILLIT TESTING & ENGINEERING COMPANY
 6595 NW 36th STREET, STE. 217
 MIAMI, FLORIDA 33166
WALTER A. TILLIT JR., P.E.
 STRUCTURAL ENGINEER
 FL LIC. NO. 44167

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE March 21, 2001
 BY Shag I. Chanda
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 99-1228-03

**JS SERIES
 WOOD FIXED WINDOWS
 MIAMI DADE COUNTY**

Drawing no.: MQJS-NOA2
 Scale: 1=20
 Date drawn: 01/10/99
 File: DJS-F9805

Drawn by:
 S. Marcotte
 Date revised:
 07/11/00
 Page: 5 /15

STRUCTURALLY REVIEWED BY:

TILECO INC.
 TILLIT TESTING & ENGINEERING COMPANY
 6595 NW 36th STREET, STE. 217
 MIAMI, FLORIDA 33166

WALTER A. TILLIT JR., P.E.
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Walter A. Tillit Jr.
 2/2/01

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE MARCH 01, 2001
 BY Shaq I. Chanda
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 99-1228.03

**OVAL FIXED SHAPES
 CONFIGURATIONS: O
 FOR MAX. FW & FH SEE BASIC
 RECTANGLES NOTE**

Information on this page applies to cross sections 1 & 20 (sash "inward") and to cross section 4 (sash "outward") ONLY
 VIEWED FROM THE OUTSIDE
 WOOD: Mahogany

DESIGN PRESSURE
Positive Pressure: +58 psf Negative Pressure: -68 psf
NOTE: Refer to basic rectangles for minimum and maximum sizes width (FW) & height (FH)
NOTE: This unit will not need a hurricane protective system.

**INSTALLATION DETAIL:
 2 x PT WOOD BUCK**

Head & jambs, DETAIL NO 1 & 4; and Sill, DETAIL NO 20 & 4:
Installation Bracket PDF-FS-05/D.
 Screwed to the buck frame using 1x #12 x 1 1/2" all threaded (a.t.) wood screws. Min. embedment is 1 1/4". Screwed to the window frame using 2x #10 x 1" a.t. wood screws. Min. embedment is 3/4".

**INSTALLATION DETAIL:
 1 x PT WOOD SHIM**

Head & jambs, DETAIL NO 1 & 4; and Sill, DETAIL NO 20 & 4:
Installation Bracket PDF-FS-05/D.
 Screwed to the masonry using 1/4" x 2 1/2" Tapcon screws. Min. embedment is 1 1/4". Screwed to the door frame using 2x #10 x 1" a.t. wood screws. Min. embedment is 3/4".

Spacing: All fasteners spacing is 5 1/2" from corners and maximum 11" on center (o/c).

Shim Space: 3/8" MAX. @ head, jambs & sill. Use std wood shims behind as required.

TO DETERMINE THE MAX. FW AND FH: SHAPES ON THIS PAGE MUST BE INSCRIBED INTO ANY ONE OF THE FOLLOWING BASIC RECTANGLES

42" (FW) x 111 3/8" (FH)
 111 3/8" (FW) x 42" (FH)
 72 7/16" (FW) x 72 7/16" (FH)
 76 3/4" (FW) x 58 1/2" (FH)

**TYPE OF GLASS:
 SINGLE, 15/32" LAMINATED**

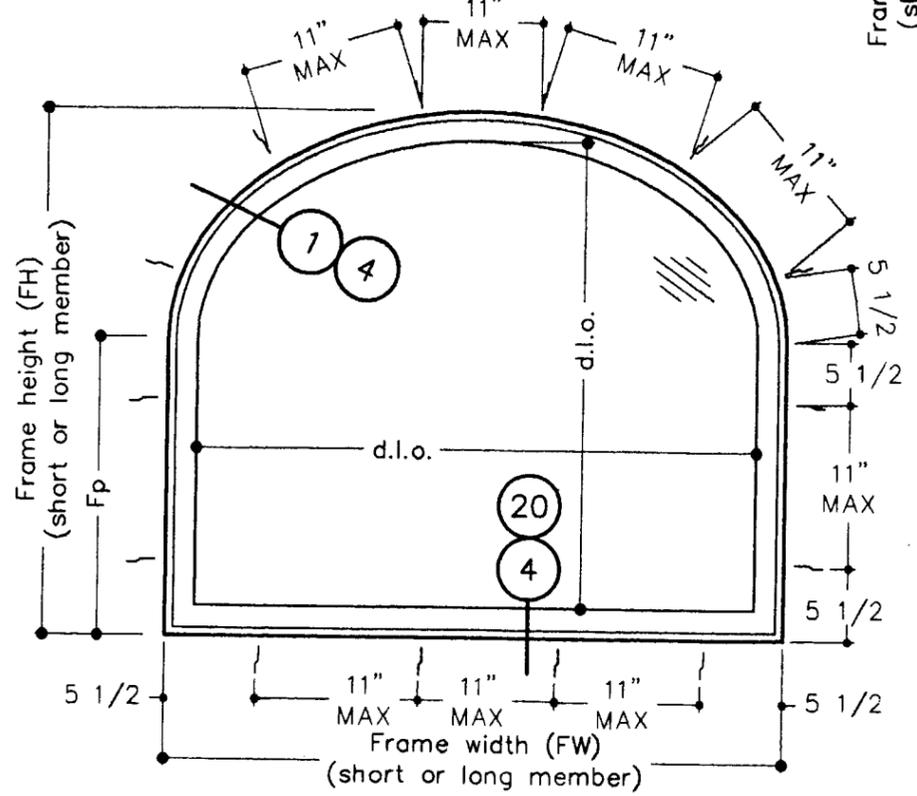
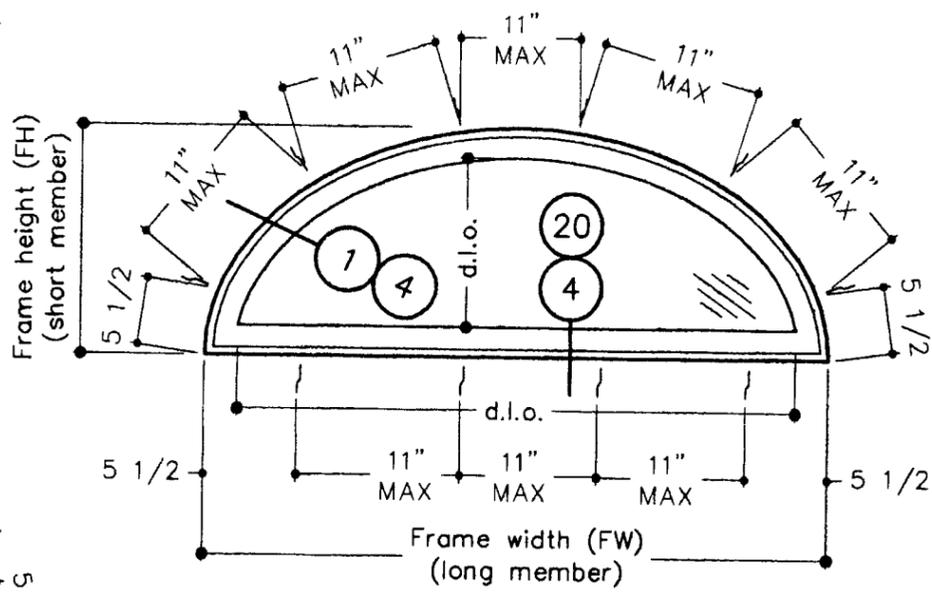
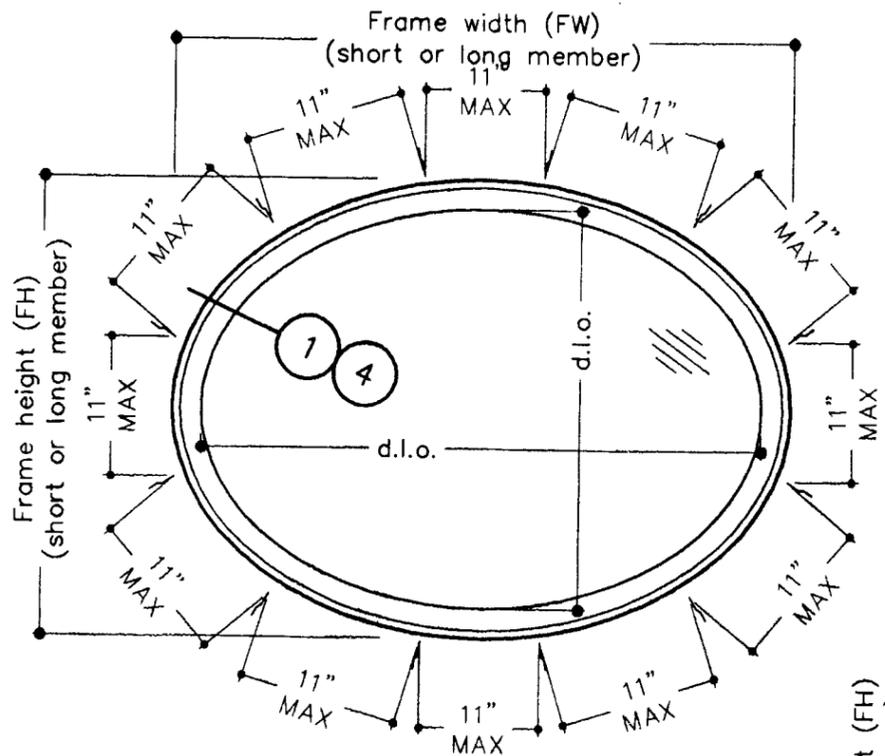
The rectangular glass d.l.o. circumscribing the shaped unit must be taken and checked into table 2, sheet 14/15

For sizes shown on table 2, sheet 14:
 TYPE 1, MADE OF: 3/16" (AN) - 0.090" Saflex III G* interlayer-1/16"(HS)

For sizes over those on table 2:
 TYPE 2, MADE OF: 3/16"(HS) - 0.090" Saflex III G* interlayer-3/16"(HS)
 OR
 TYPE 3, MADE OF: 3/16" (FT) - 0.090" Saflex III G* interlayer-3/16"(FT)

WP: 1 3/4" RAISED WOOD PANEL

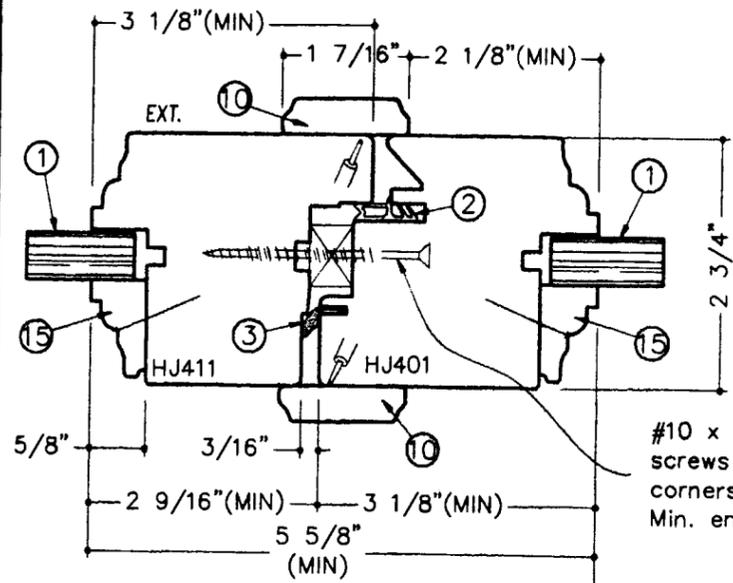
MAX. D.L.O. AREA: 7.81 sqf



Information on this page applies to cross sections 1 & 20 (sash "inward") and to cross section 4 (sash "outward") ONLY
 VIEWED FROM THE OUTSIDE
 WOOD: Mahogany

FOR WINDOWS UP TO
84 3/4" FW OR 69 1/4" FH

26 FIXED ASTRAGAL
sash -inward

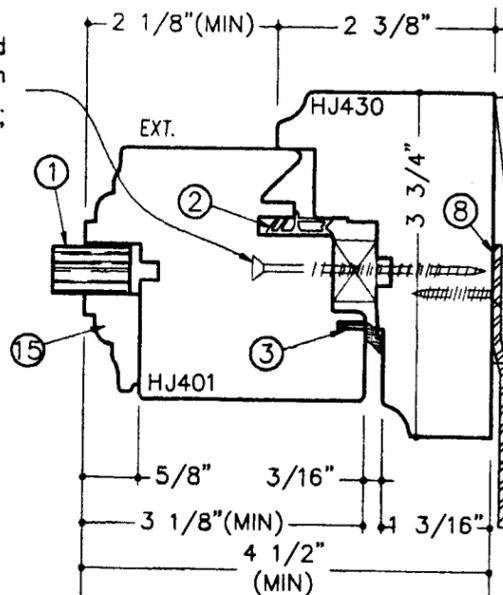


#10 x 3" F.H. wood screws @4" from corners & 16" max. o/c. Min. embedment is 1 1/4"

#10 x 3" F.H. wood screws @4" from corners & 16" max. o/c. Min. embedment is 1 1/4"

DAYLIGHT OPENING

1 JAMB, sash inward
(1x & INSTALLATION BRACKET)



MAX 3/8" SHIMS SPACE

1" x P.T. WOOD SHIM

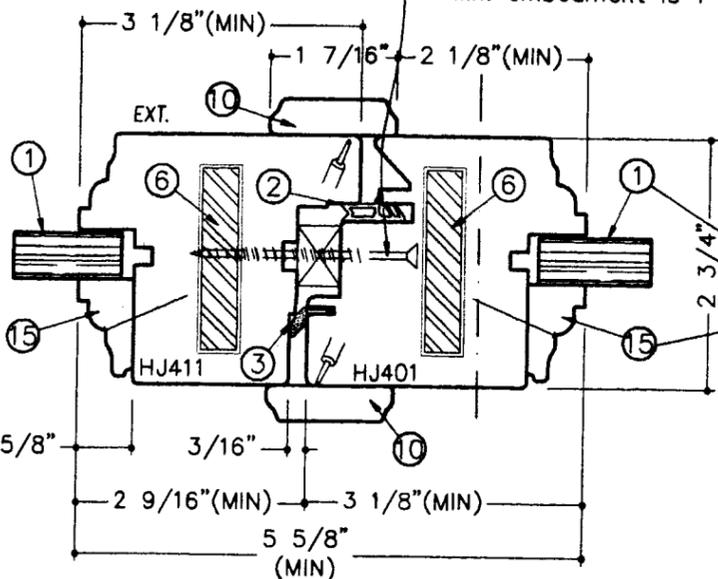
Use wood shims behind as required

Installation bracket PDF-FS-05/D screwed to the masonry using 1/4" x 2 1/2" Tapcon screws. Min. embedment is 1 1/4". Screwed to the door frame using 2x #10 x 1" wood screws. Min. embedment is 3/4".

OVERALL WIDTH & FRAME WIDTH

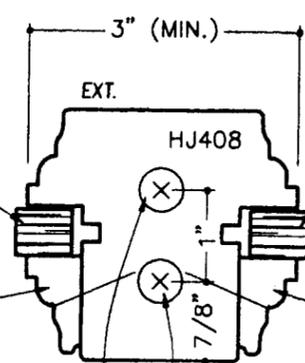
FOR WINDOWS UP TO
78 3/4" FW OR 80 3/4" FH

24 FIXED ASTRAGAL
sash inward



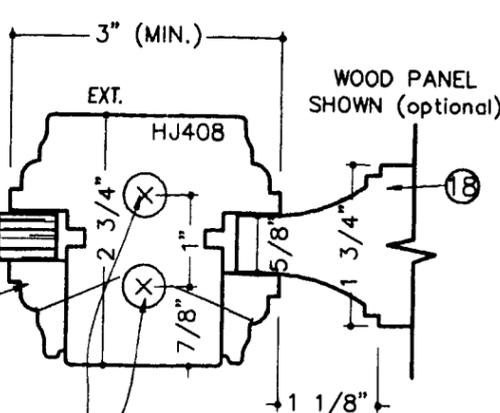
#10 x 3" F.H. wood screws @4" from corners & 16" max. o/c. Min. embedment is 1 1/4"

8b horizontal or vertical SASH BAR
(Optional)



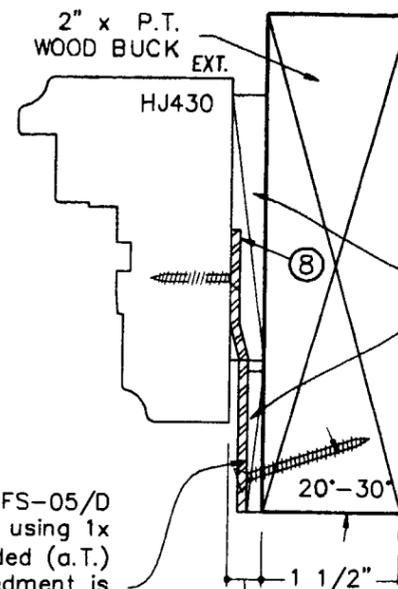
2x #12 x 3" flat head wood screw at each end. Min. embedment is 1 1/2"

8a horizontal or vertical SASH BAR
w/ wood panel
(Optional)



Installation bracket PDF-FS-05/D screwed to the buck frame using 1x #12 x 1 1/2" all threaded (a.t.) wood screw. Min. embedment is 1 1/4". Screwed to the door frame using 2x #10 x 1" (a.t.) wood screws. Min. embedment is 3/4".

1 JAMB, sash -inward
(2x & INSTALLATION BRACKET)



Use wood shims behind as required

MAX 3/8" SHIMS SPACE

NOTE: Clear "Spectrem 2" silicone sealant at shown interfaces **#** NUMBERS ARE REFERRING TO THE ASSEMBLY LISTS ON PAGES 10 TO 15



1855 GRIFFIN ROAD,
SUITE A-274
DANIA, FL 33004

**JS SERIES
WOOD FIXED WINDOWS**

MIAMI DADE COUNTY

Drawing no.: MQJS-NOA2

Scale: 1=2 Drawn by: S. Marcotte

Date drawn: 01/10/99 Date revised: 07/11/00

File: DJS-F9806 Page: 6 /15

STRUCTURALLY REVIEWED BY:



TILLIT TESTING & ENGINEERING COMPANY
6595 NW 36th STREET, STE. 217
MIAMI, FLORIDA 33166

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

Walter A. Tillit Jr.
2/2/01

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE MARCH 01, 2001
BY ISHAAG I. CHANDU
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-1228.03

**JS SERIES
 WOOD FIXED WINDOWS
 MIAMI DADE COUNTY**

Drawing no.: MQJS-NOA2

Scale: 1=2	Drawn by: S. Marcotte
Date drawn: 01/10/99	Date revised: 07/11/00
File: DJS-F9807	Page: 7 / 15

STRUCTURALLY REVIEWED BY:

TILECO INC.
 TILLIT TESTING & ENGINEERING COMPANY
 6595 NW 36th STREET, STE. 217
 MIAMI, FLORIDA 33166

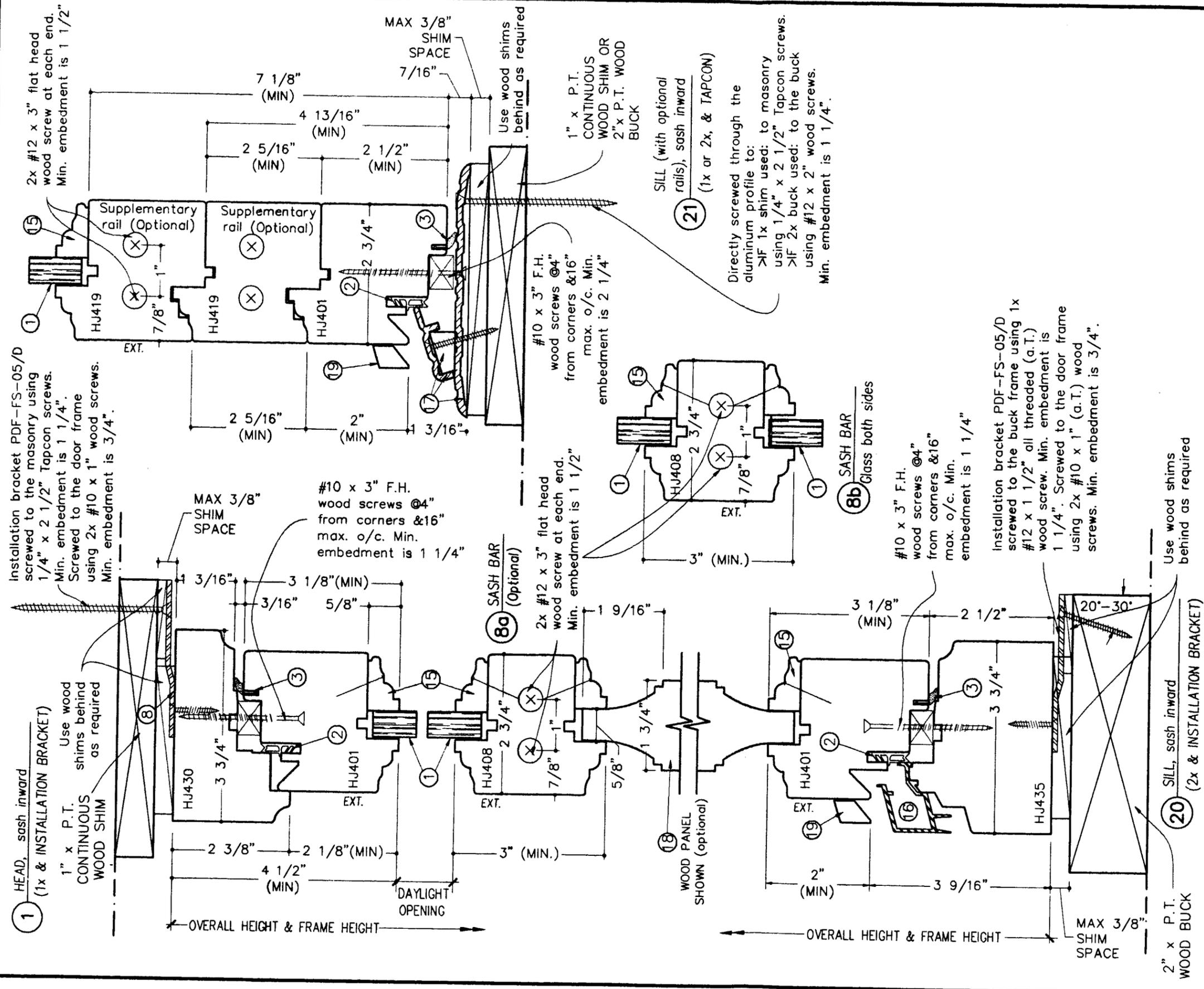
WALTER A. TILLIT JR., P.E.
 STRUCTURAL ENGINEER
 FL. LIC. NO. 44167

Walter A. Tillit Jr.

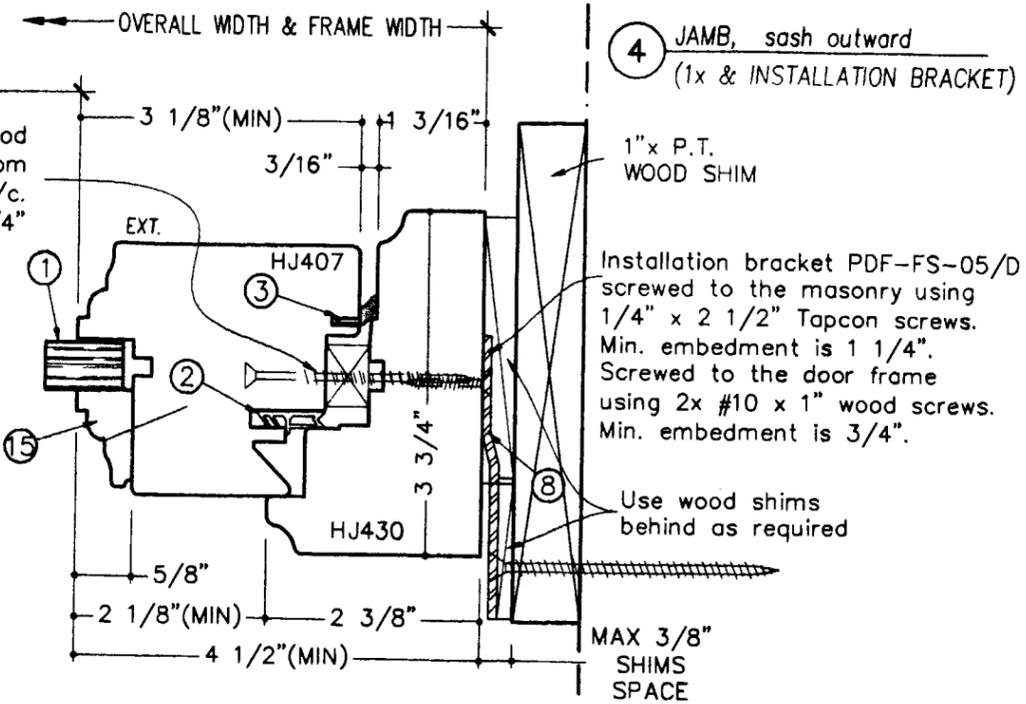
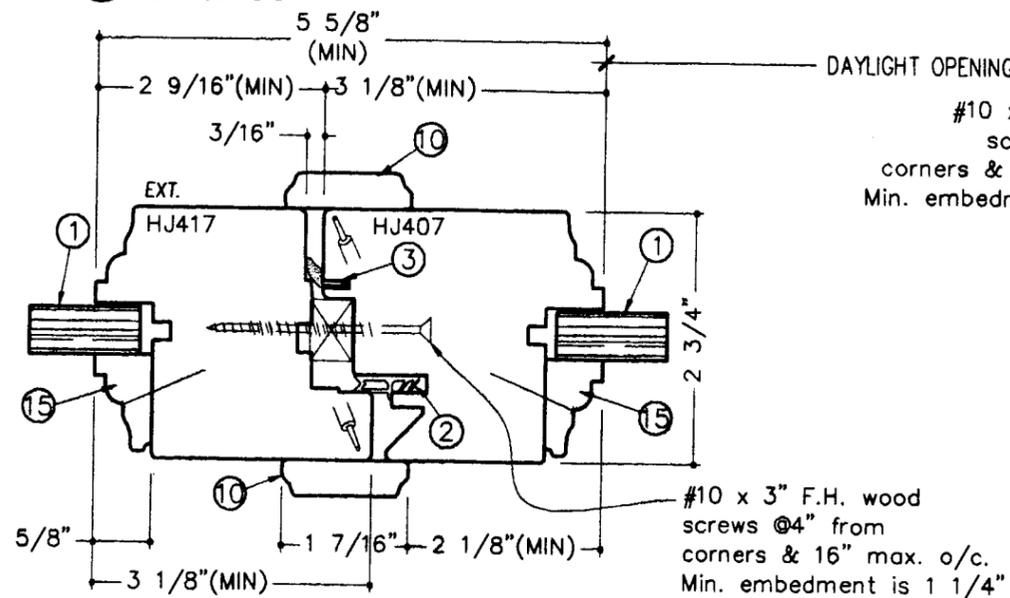
NUMBERS ARE REFERRING TO THE ASSEMBLY LISTS ON PAGES 10 TO 15

NOTE: Clear "Spectrum 2" silicone sealant at shown interfaces

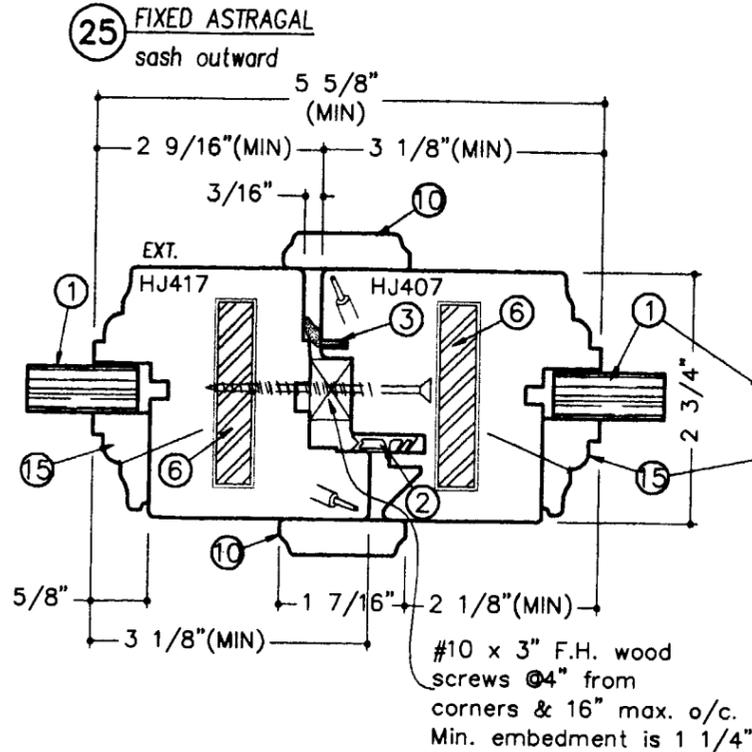
APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE MARCH 01, 2001
 BY Ishaq I. Chanda
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 99-1228-03



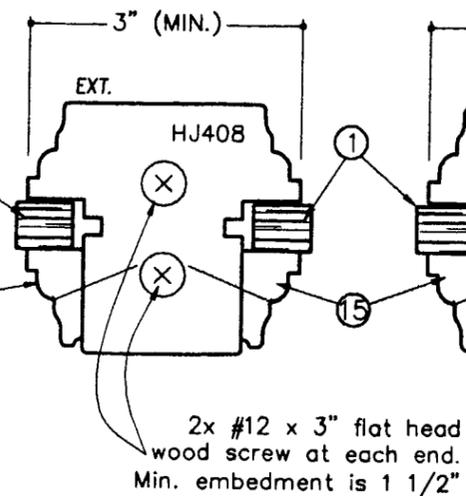
**FOR WINDOWS UP TO
64 3/4" FW & 89 1/4" FH
FIXED ASTRAGAL
sash outward**



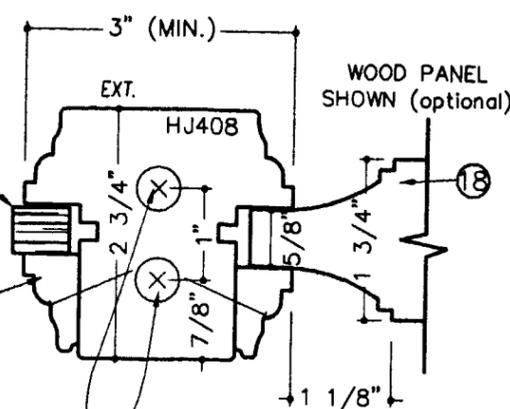
**FOR WINDOWS UP TO
78 3/4" FW & 80 3/4" FH
FIXED ASTRAGAL
sash outward**



8b horizontal or vertical SASH BAR (Optional)

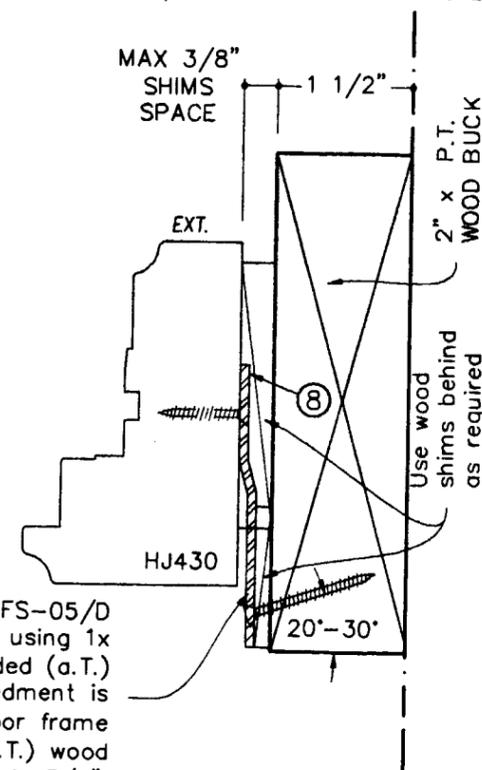


8a horizontal or vertical SASH BAR w/ wood panel (Optional)



Installation bracket PDF-FS-05/D screwed to the buck frame using 1x #12 x 1 1/2" all threaded (a.T.) wood screw. Min. embedment is 1 1/4". Screwed to the door frame using 2x #10 x 1" (a.T.) wood screws. Min. embedment is 3/4".

4 JAMB, sash outward (2x & INSTALLATION BRACKET)



NOTE: Clear "Spectrem 2" silicone sealant at shown interfaces

NUMBERS ARE REFERRING TO THE ASSEMBLY LISTS ON PAGES 10 TO 15



1855 GRIFFIN ROAD,
SUITE A-274
DANIA, FL 33004

**JS SERIES
WOOD FIXED WINDOWS**

MIAMI DADE COUNTY

Drawing no.: MQJS-NOA2

Scale: 1=2 Drawn by: S. Marcotte

Date drawn: 01/10/99 Date revised: 07/11/00

File: DJS-F9808 Page: 8 /15

STRUCTURALLY REVIEWED BY:



TILLIT TESTING & ENGINEERING COMPANY
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MIAMI, FLORIDA 33166

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

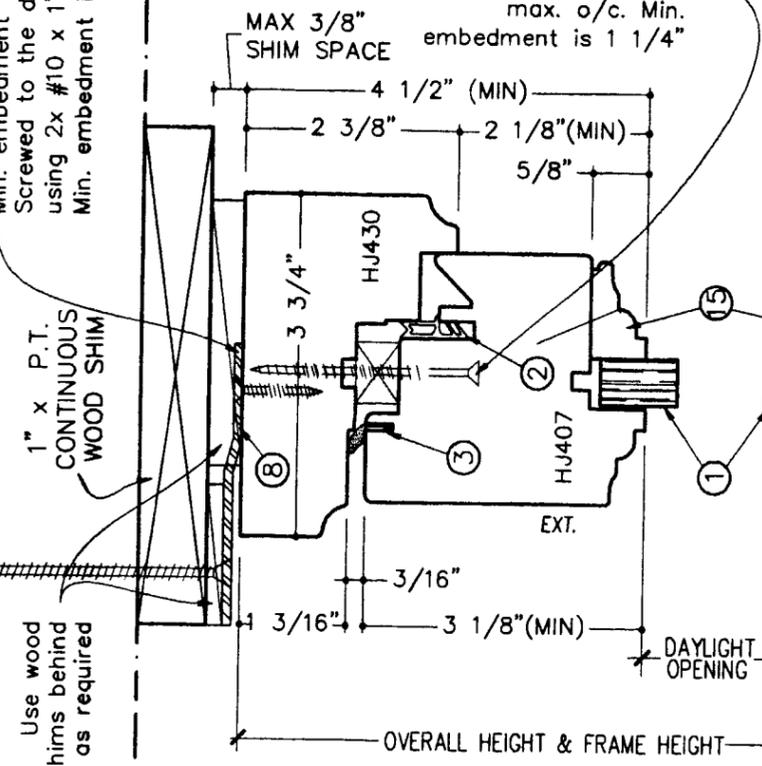
Walter A. Tillit Jr.
7/01

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE MARCH 01, 2001
BY Shag I. Llanda
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-1228-03

Installation bracket PDF-FS-05/D screwed to the masonry using 1/4" x 2 1/2" Tapcon screws. Min. embedment is 1 1/4". Screwed to the door frame using 2x #10 x 1" wood screws. Min. embedment is 3/4".

4 HEAD, sash outward (1x & INSTALLATION BRACKET)

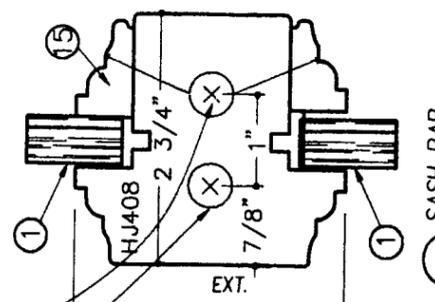
Use wood shims behind as required



#10 x 3" F.H. wood screws @4" from corners & 16" max. o/c. Min. embedment is 1 1/4"

8a SASH BAR (Optional)

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



8b SASH BAR Glass both sides

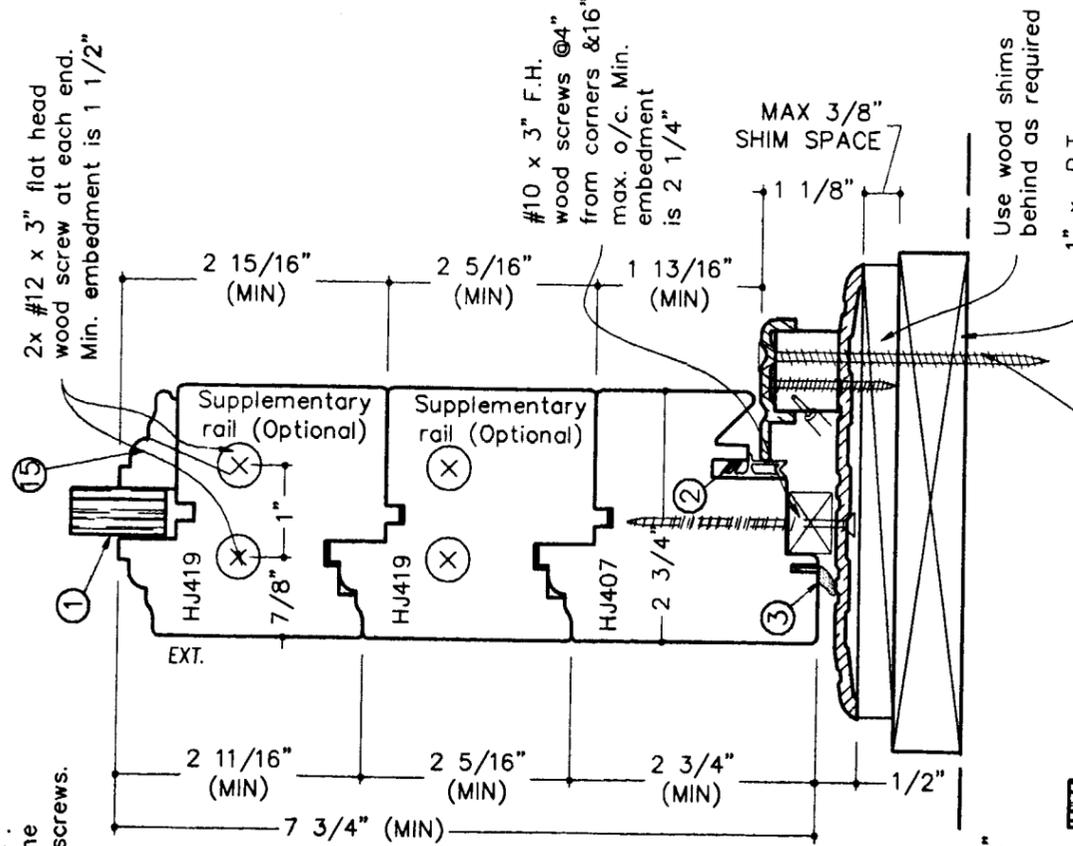
#10 x 3" F.H. wood screws @4" from corners & 16" max. o/c. Min. embedment is 1 1/4"

Installation bracket PDF-FS-05/D screwed to the buck frame using 1x #12 x 1 1/2" all threaded (a.t.) wood screw. Min. embedment is 1 1/4". Screwed to the door frame using 2x #10 x 1" (a.t.) wood screws. Min. embedment is 3/4".

Use wood shims behind as required

4 SILL, sash outward (2x & INSTALLATION BRACKET)

NOTE: Clear "Spectrem 2" silicone sealant at shown interfaces



Directly screwed through the aluminum profile to:

- >F 1x shim used: to masonry using 1/4" x 2 1/2" Tapcon screws.
- >F 2x buck used: to the buck using #12 x 2" wood screws. Min. embedment is 1 1/4".

23 DOOR SILL (with optional rails), sash outward (1x or 2x, & TAPCON)

NUMBERS ARE REFERRING TO THE ASSEMBLY LISTS ON PAGES 10 TO 15



1855 GRIFFIN ROAD, SUITE A-274 DANIA, FL 33004

JS SERIES WOOD FIXED WINDOWS
MIAMI DADE COUNTY

Drawing no.: MQJS-NOA2

Scale: 1=2 Drawn by: S. Marcotte

Date drawn: 01/10/99 Date revised: 07/11/00

File: DJS-F9809 Page: 9 /15

STRUCTURALLY REVIEWED BY:

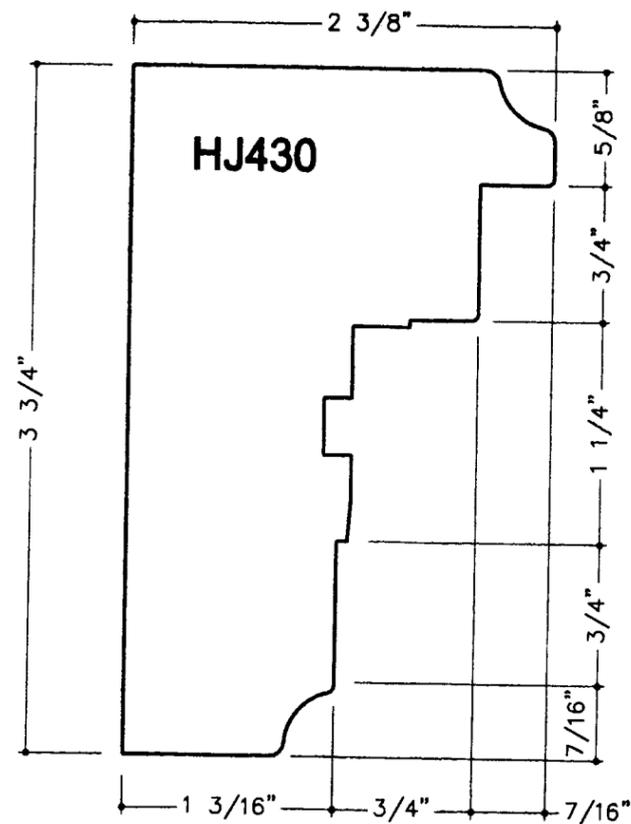


TILECO TESTING & ENGINEERING COMPANY
3601 W. 36th STREET, STE. 217
MIAMI, FLORIDA 33166

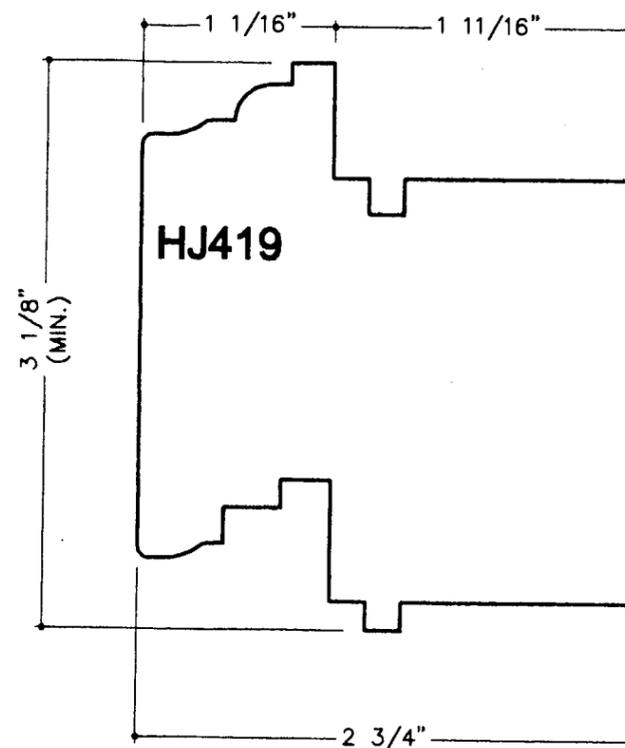
WALTER A. TILLIT JR., P.E.
STRUCTURAL ENGINEER
FL LIC. NO. 44167

Walter A. Tillit Jr.

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE MARCH 01, 2001
BY Iskay I. Chanda
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-1228-03

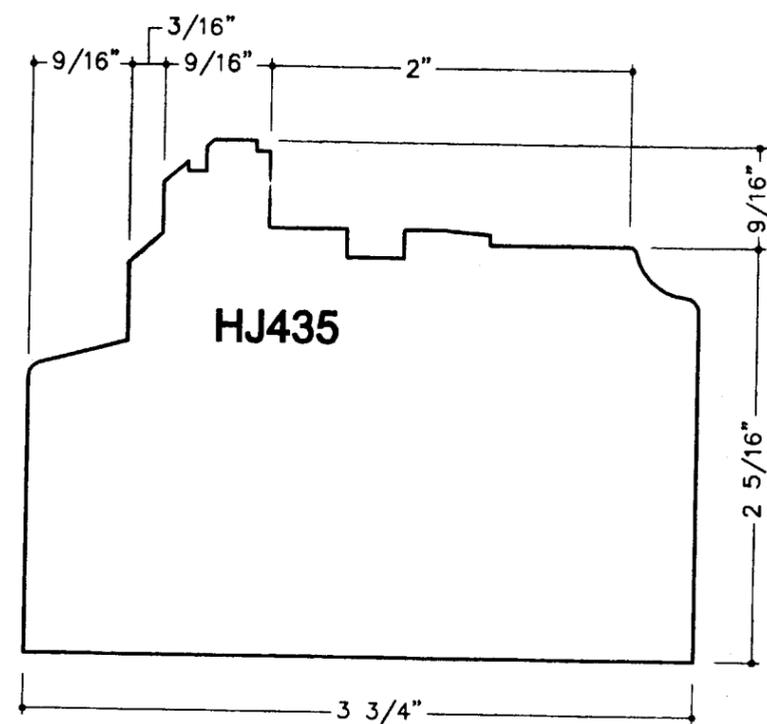


SASH INWARD: FRAME
@ HEAD & JAMBS;
SASH OUTWARD:
FRAME @ HEAD,
JAMBS & SILL

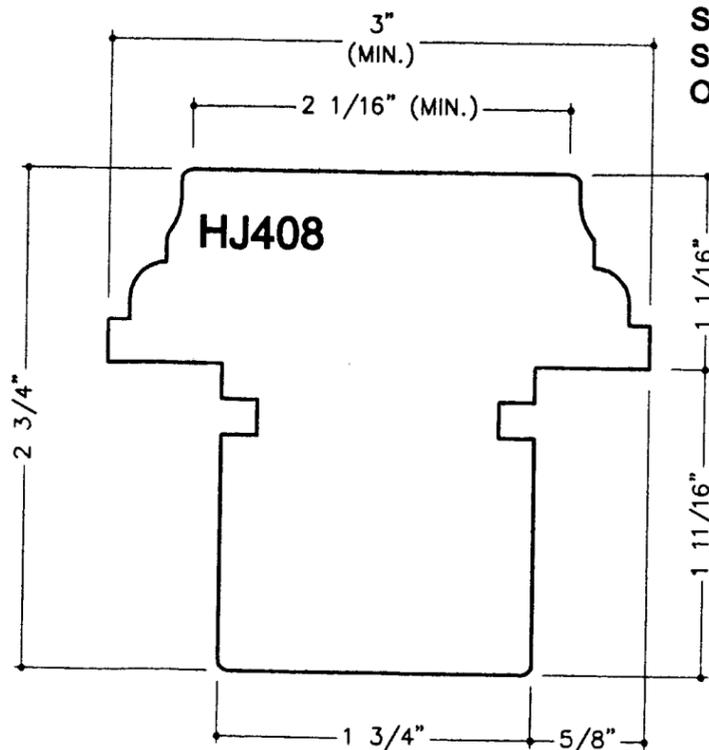


SUPPLEMENTARY
RAIL (optional)
SASH INWARD OR
OUTWARD

WOOD PROFILES



FRAME SILL,
SASH INWARD



SASH BAR (optional)
SASH INWARD OR
OUTWARD



1855 GRIFFIN ROAD,
SUITE A-274
DANIA, FL 33004

JS SERIES
WOOD FIXED WINDOWS

MIAMI DADE COUNTY

Drawing no.: MQJS-NOA2

Scale: 1=1 Drawn by: S. Marcotte

Date drawn: 01/10/99 Date revised: 07/11/00

File: DJS-F9810 Page: 10/15

STRUCTURALLY REVIEWED BY:

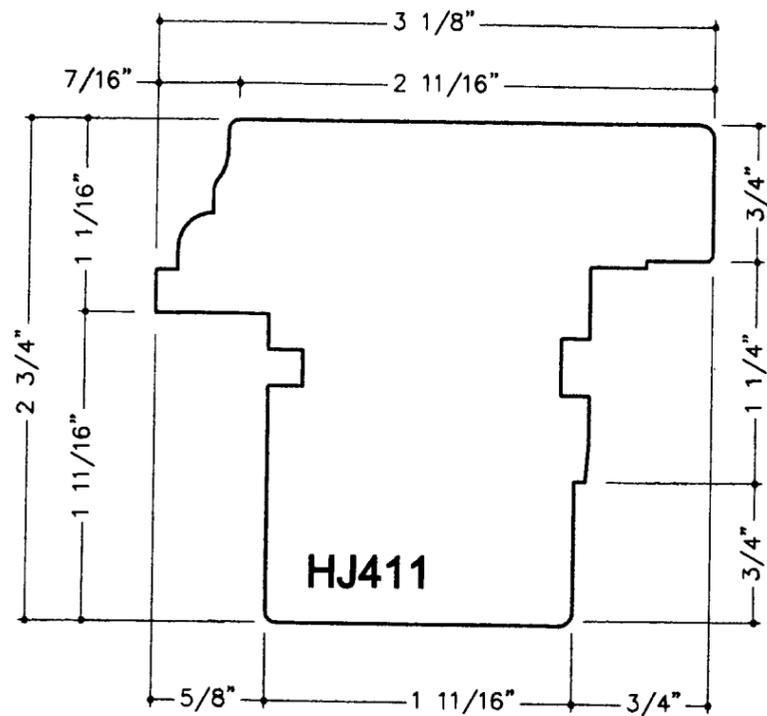


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6595 NW 30th STREET, STE. 217
MIAMI, FLORIDA 33166

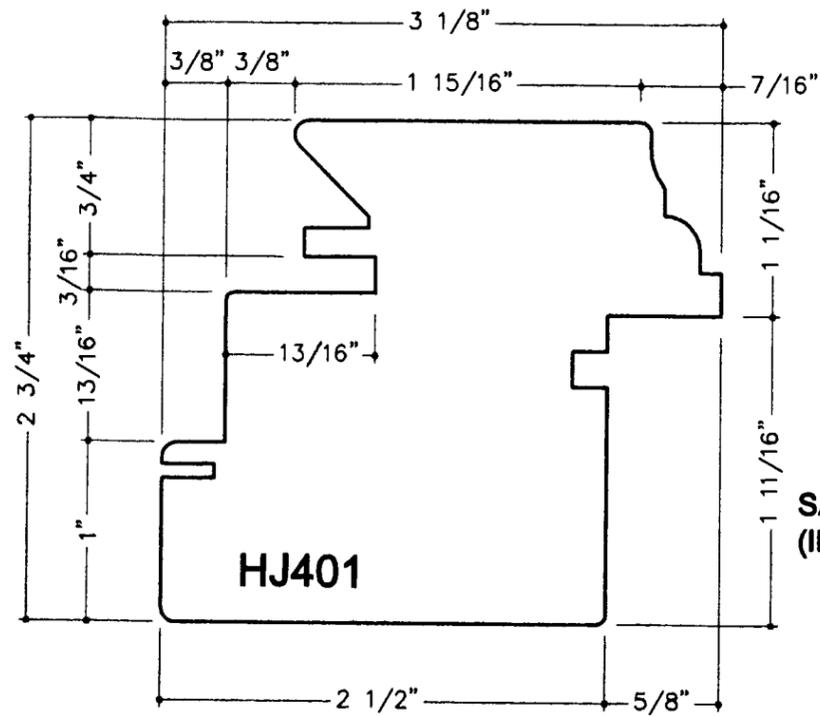
WALTER A. TILLIT JR., P.E.
STRUCTURAL ENGINEER
FL. LIC. NO. 44167

David
4/4/01

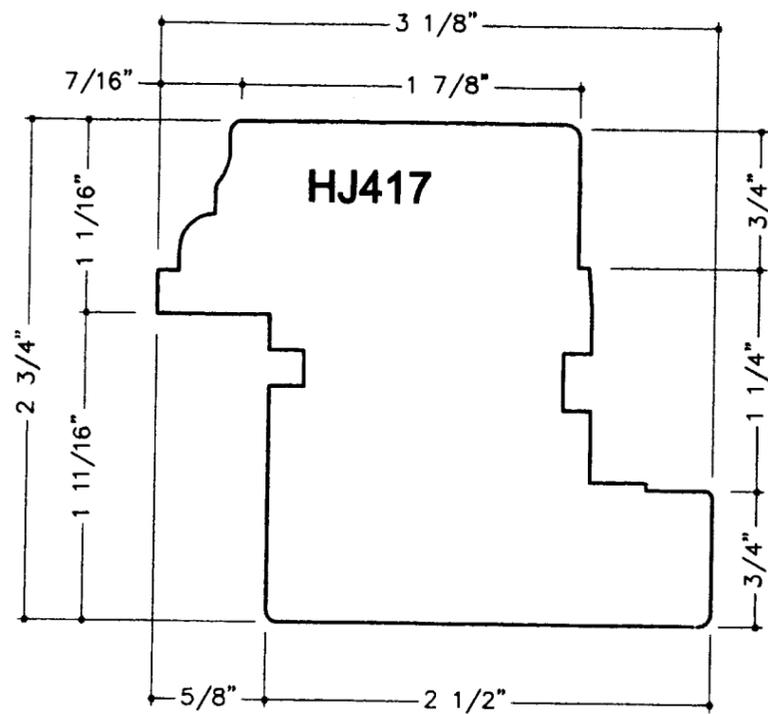
APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE MARCH 01, 2001
BY J. Chaudhary
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-1228-03



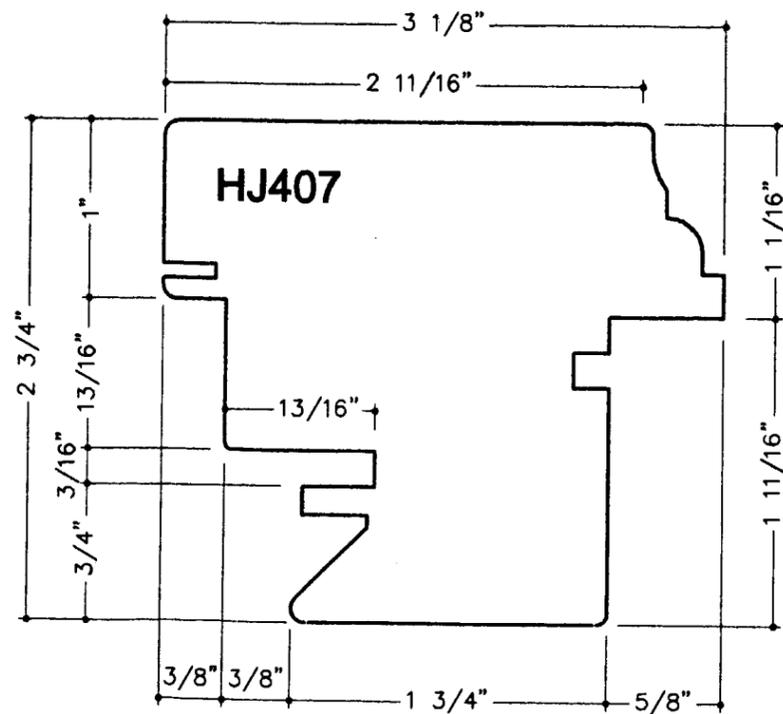
**SASH PROFILE,
(INWARD)
INACTIVE SASH:
@ Astragal Stile.**



**SASH PROFILE,
(INWARD)**



**SASH PROFILE,
(OUTWARD)
INACTIVE SASH:
@ Astragale Stile.**



**SASH PROFILE,
(OUTWARD)**

WOOD PROFILES

mq
WINDOWS
OF EUROPE AND
THE AMERICAS

1855 GRIFFIN ROAD,
SUITE A-274
DANIA, FL 33004

**JS SERIES
WOOD FIXED WINDOWS
MIAMI DADE COUNTY**

Drawing no.: MQJS-NOA2

Scale: 1=1
Drawn by: S. Marcotte

Date drawn: 01/10/99
Date revised: 07/11/00

File: DJS-F9811
Page: 11/15

STRUCTURALLY REVIEWED BY:



TILLIT TESTING & ENGINEERING COMPANY
6595 NW 36th STREET, STE. 217
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WALTER A. TILLIT JR., P.E.
STRUCTURAL ENGINEER
FL. LIC. NO. 44167

Walter A. Tillit Jr.
2/2/01

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE MARCH 01, 2001
BY Shag J. Chanda
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-1228-03

JS SERIES WOOD FIXED WINDOWS
MIAMI DADE COUNTY

Drawing no.: MQJS-NOA2
 Scale: 1=1
 Date drawn: 01/10/99
 File: DJS-F9812
 Drawn by: S. Marcotte
 Date revised: 07/11/00
 Page: 12/15

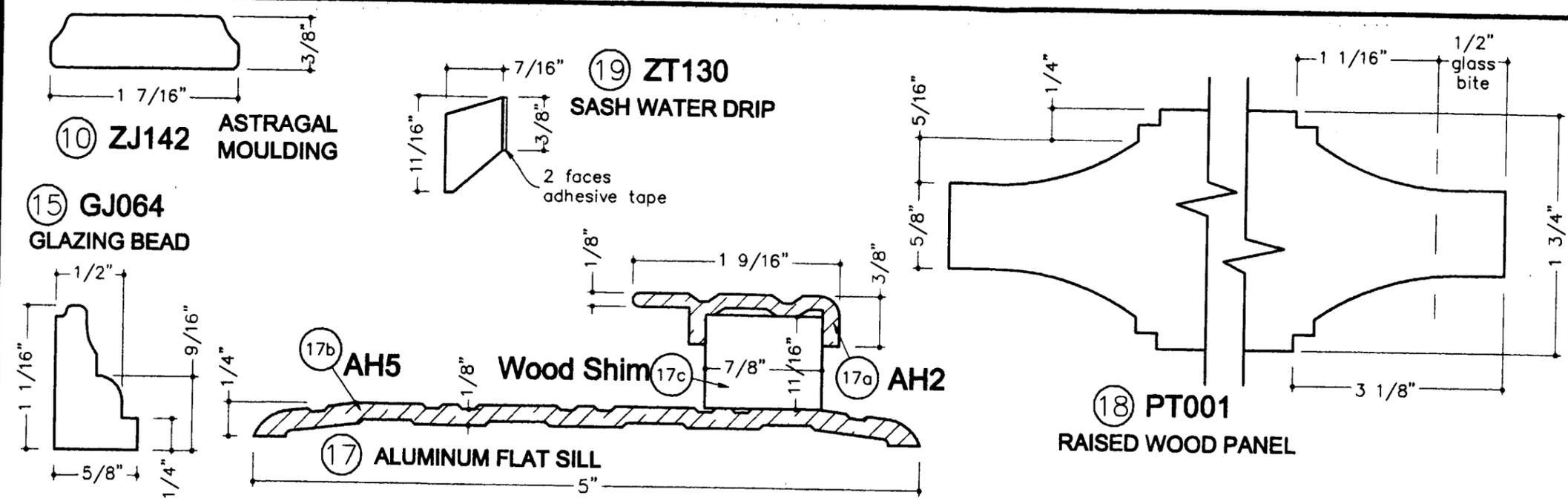
STRUCTURALLY REVIEWED BY:

TILECO INC.
 TILLIT TESTING & ENGINEERING COMPANY
 6595 NW 36th STREET, STE. 217
 MIAMI, FLORIDA 33166
WALTER A. TILLIT JR., P.E.
STRUCTURAL ENGINEER
 FL LIC. NO. 44167

[Signature]
 2/10/01

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE MARCH 01, 2001
 BY Isaac J. Chanda
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 99-1228-03

WOOD MOULDINGS



BILL OF MATERIALS (see also related cross sections details)

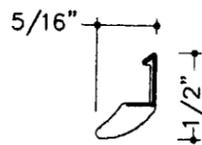
REF.	QTY	Component	DESCRIPTION	MATERIAL	DIMENSIONS	MEAN OF ATTACHMENT	LOCATION
10	2 per astragal meeting	Astragal moulding	ZJ142 astragal wood cover. Square cut at the ends.	Mahogany	3/8"(d) x 1 7/16"(w) x sash height	18 gauge, 5/8" galvanized finishing nails spaced 16" o/c.	SASH INWARD: One nailed on the interior face of the active sash & one nailed on the exterior face of the passive sash. SASH OUTWARD: One nailed on the interior face of the passive sash & one nailed on the exterior face of the active sash.
15	1 per glass edge	Glazing bead	GJ064 wood profile, mitre cut at corners.	Mahogany	1 1/16"(d) x 5/8"(w)	18 gauge, 1" finishing nails spaced 2" from the corners and 10" o/c	@ the perimeter of the glass or wood panel; Nailed through the glazing bead to the sash profile. SEE ALSO "GLAZING METHOD", SHEET 14/15
17a	1 per door sill	Flat saddle	AH5 aluminum profile	Alu. alloy 6063-T5	1/4"(h) x 5"(d) x 1/8"(t)	#12 x 2" F.H. screw	Door frame sill. Screws spacing is 5 1/2" from corners & 14" o/c. Square cut @ ends.
17b	1 per door sill	Stopper	AA2 aluminum profile	Alu. alloy 6063-T5	3/8"(h) x 1 9/16"(d) x 1/8"	2x #12 x 2" flat head screws	Door frame sill. Screws spacing is 14" o/c. Butt joint against the frame jambs @ both ends.
17c	1 per door sill	Shim	Continuous wood shim	Mahogany	7/8"(d) x 11/16"(h)	See AA2 screw.	Door frame sill. Screws spacing is 14" o/c. Butt joint against the frame jambs @ both ends.
18	One	Wood panel	Raised wood panel: 5/8"(t) @ flanges, 1 3/4"(t) @ center.	Mahogany	1" wider & higher than glass opening.	Dow Corning 995 structural silicone at the perimeter;	Where indicated as WP (WOOD PANEL) on elevations
19	1 per sash, open in	Sash water drip	ZT130 Wood moulding. Square cut at the ends	Mahogany	7/16"(d) x 11/16"(w)	18 gauge, 1" finishing nails spaced 2" from the corners and 10" o/c	SASH INWARD ONLY: Nailed against the exterior face of the bottom rail of the operable sashes; a double face adhesive tape is used in between.

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

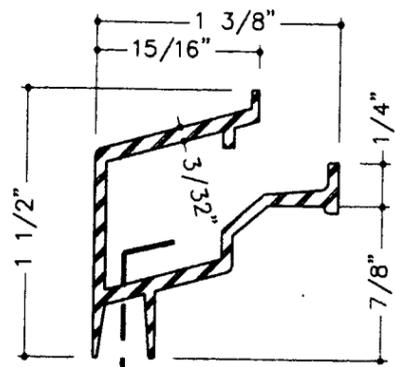
 Clear "Spectrem 2" silicone sealant at shown interfaces



② L5150
MIDDLE GASKET

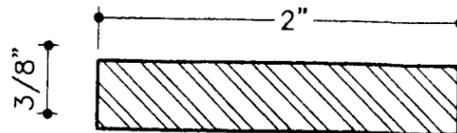


③ QWS250
GASKET



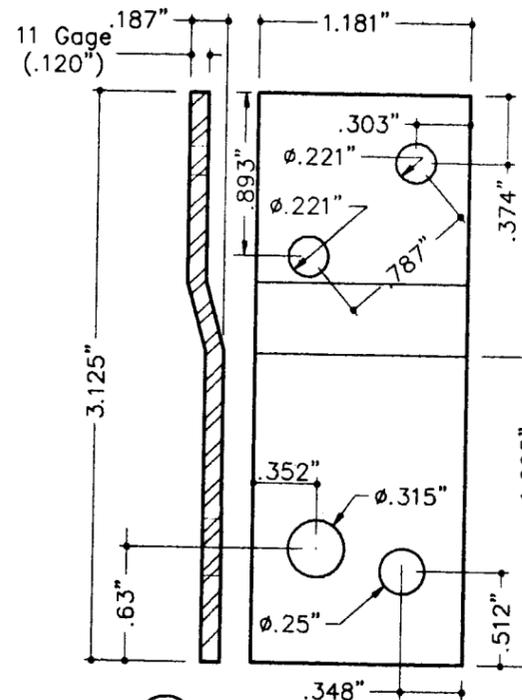
⑬ FS15S
ALUMINUM RAINGUARD

NOTE: WEEPHOLES
@ 4-3/4" o/c,
5/32"(W) x 1" (L)



⑥ AI1050
GALVANIZED
STEEL FLAT BAR
AISI 1020, COLD DRAWN,
YIELD POINT 47,000 psi

For windows up
to 77 3/16" FW
& 111 3/4" FH



⑧ PDF-FS-05/D (revised 07/11/00)
INSTALLATION BRACKET
Gage 11 ASTM A653 SQ 33
G90 galvanized steel

ACCESSORIES

BILL OF MATERIALS (see also related cross sections details)

REF.	QTY	Component	DESCRIPTION	MATERIAL	DIMENSIONS	MEAN OF ATTACHMENT	LOCATION
②	LF depends on sash perimeter	Middle gasket	Brügman L5150, Push-in middle gasket; mitre cut @ corners	EPDM	3/16"(d) x 3/4"(h)	Push-in gasket, in a continuous groove around the sash.	Perimeter of the active & fixed sashes; Head, bottom & hinged stile of inactive sash.
③	LF depends on sash perimeter	Gasket	Schlegel QWS250 foam gasket, mitre cut @ corners.	Polyurethane foam	5/16"(d) x 1/2"(h)	Push-in gasket, in a continuous groove around the sash.	Perimeter of the active & fixed sashes; Head, bottom & hinged stile of inactive sash.
⑥	2 per astragal	Reinforcement	AI1050, Galvanized Steel AISI C1020, Cold drawn	Steel	3/8"(t) x 2"(d)	1/4" x 1" steel bolt, @ 9" from the bottom of the steel and @ 14" o/c.	@ stiles of an astragal meeting (inactive or active sash), for frame width (FW) greater than 64 3/4" or frame height (FH) greater than 69 1/4". Steel length is 12" less than the sash height.
⑧	Depends on frame perim.	Installation	PDF-FS-05/D Installation bracket Gage 11 ASTM A653 SQ 33 G90 galvanized steel	Galv. Steel	1.181"(w) x 3.125"(h) x 11g(t)	To the frame: 2x #10 x 1" wood screws. Min. embedment is 3/4" To structure: See installation notes pages 1-5	Around the frame perimeter, @ 5 1/2" from corners; Max. distance on center (o/c): 11"
⑬	1 per wood sill, open in	Rainguard	FS15S profile, weep holes @ 4-3/4" o/c, 5/32"(W) x 1" (L)	Aluminum alloy 6063-T5	1 1/2"(h) x 1 3/8"(d) x 3/32"(t)	#8 x 3/4" round head wood screws, spaced 9 1/4" o/c.	At the top of the frame sill no. HJ435; INSIDE OPENING ONLY. Butt joint against the frame jambs at both ends.

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



**JS SERIES
WOOD FIXED WINDOWS
MIAMI DADE COUNTY**

Drawing no.: MQJS-NOA2

Scale: 1=1
Drawn by: S. Marcotte

Date drawn: 01/10/99
Date revised: 07/11/00

File: DJS-F9813
Page: 13/15

STRUCTURALLY REVIEWED BY:



TILLIT TESTING & ENGINEERING COMPANY
6595 NW 36th STREET, STE. 217
MIAMI, FLORIDA 33166

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

Walter A. Tillit Jr.
2/2/01

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE MARCH 01, 2001
BY Isaac I. Chaudh
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-1228-03

**JS SERIES
 WOOD FIXED WINDOWS
 MIAMI DADE COUNTY**

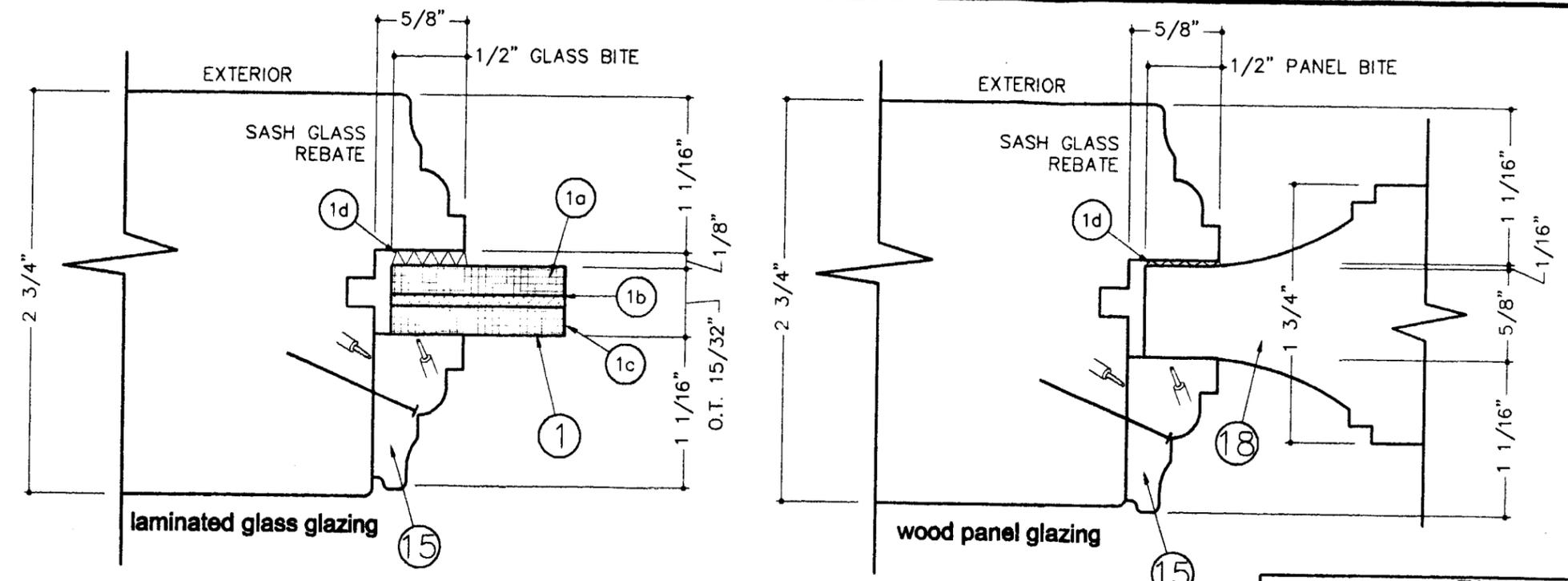
Drawing no.: MQJS-NOA2
 Scale: 1=1 Drawn by: S. Marcotte
 Date drawn: 01/10/99 Date revised: 07/11/00
 File: DJS-F9814 Page: 14/15

STRUCTURALLY REVIEWED BY:
TILECO INC.
 TILLIT TESTING & ENGINEERING COMPANY
 6595 NW 36th STREET, STE. 217
 MIAMI, FLORIDA 33166
WALTER A. TILLIT JR., P.E.
 STRUCTURAL ENGINEER
 FL. LIC. NO. 44167

Walter A. Tillit Jr.
 2/2/01

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE March 01, 2001
 BY Isaac J. Chanda
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 99-1228-03

GLAZING METHOD (inside glazed)



BILL OF MATERIALS

REF.	Component	DESCRIPTION	MEAN OF ATTACHMENT	LOCATION
①	Impact Glass, see components 1a,1b,1c	15/32" (t) Laminated glass (3/8" [10mm] designation)	See components 1d, and 15	As indicated on elevations drawings by the symbol.
①a	Exterior glass sheet	3/16" (t) (5mm) as following: >Type 1: Annealed glass for d.l.o. dimensions on table 3 >Type 2: Heat strengthened glass for d.l.o. dimensions exceeding those into table 3	See components 1b: PVB interlayer	Exterior side
①b	SAFLEX III G interlayer	Solutia 0.090" (t) PVB plastic film, per current approval	2 sides adhesive film	Between the interior and the exterior sheets of glass
①c	Interior glass sheet	3/16" (t) (5mm) heat strengthened glass	See components 1b: PVB interlayer	Interior side (glazing bead side)
①d	Structural silicone	Dow Corning 995 black silicone	1/8"(t) x 1/2"(w) bonding extrusion	Continuous extrusion between the wood back fence & the exterior sheet edge of the laminated glass or wood panel.
⑮	Glazing bead	GJ064 wood profile (5/8"(t) x 1 1/16"(d)	18 gauge, 1" finishing nails spaced 2" from the corners and 10" o/c	⊙ the perimeter of the glass.
⑮	Wood panel	Mahogany, raised: 5/8"(t) ⊙ flanges, 1 3/4"(t) ⊙ center; Max. d.l.o. area up to 7.81 sqf	See components 1d, and 15	As indicated on elevation drawings.

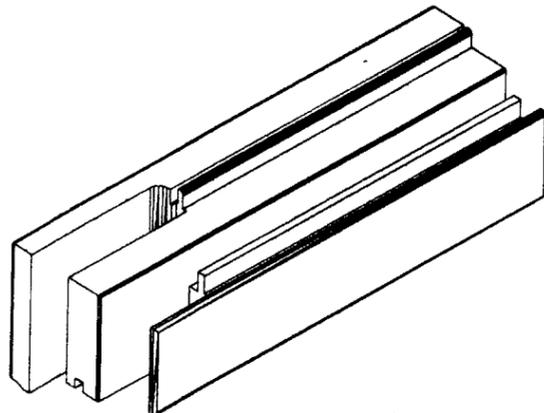
TABLE 2
 GLASS TYPES FOR FRAME DIMENSIONS OF TABLE 1 OR FOR BASIC RECTANGLES GIVEN ON SHEETS 2, 3, 4 AND 5 OF THIS DRAWING
 If, for a given long member d.l.o., the actual short member daylight opening exceeds the maximum dimension indicated on table 2, then
 TYPE 2 heat strengthened laminated glass [3/16" HS - .090" PVB - 3/16" HS]
 OR TYPE 3 full tempered laminated glass [3/16" FT - .090" PVB - 3/16" FT]
MUST BE USED

Maximum daylight opening for type 1 laminated glass [3/16" AN - .090" PVB - 3/16" HS]

Given Long member d.l.o. up to (in.)	Max. short member d.l.o. (in.)	Given Long member d.l.o. up to (in.)	Max. short member d.l.o. (in.)
47 1/4	47.244	90 1/2	28.150
51	41.339	94 1/2	27.953
55	38.386	98 1/2	27.559
59	36.220	102 1/4	27.362
63	34.055	106 1/4	26.969
66	32.480	110 1/4	26.772
70 3/4	31.496	114	26.575
74 3/4	30.512	118	26.378
78 3/4	29.528	122	26.220
82 1/2	28.937	126	26.102
86 1/2	28.543	130	25.984

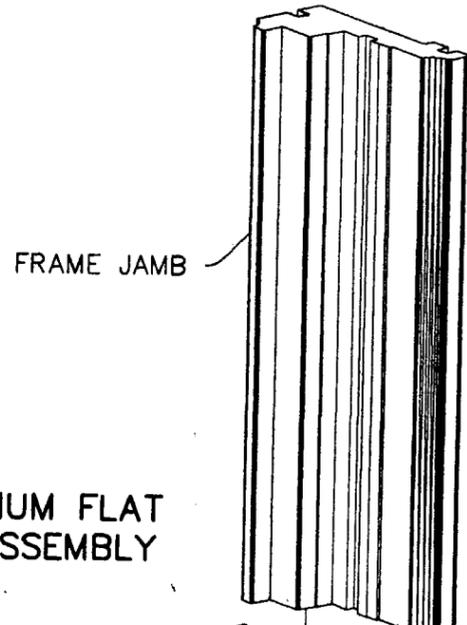
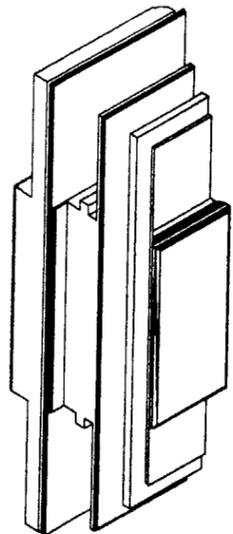
Clear "Spectrem 2" silicone sealant at shown interfaces

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



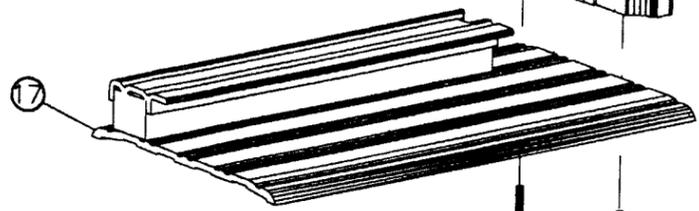
TYPE OF GLUE:
RESIBOIS 222 no 30222-01 TYPE 1
EXTERIOR GLUE FOR WOOD

CORNER
ASSEMBLY
(MULTI-FORK)

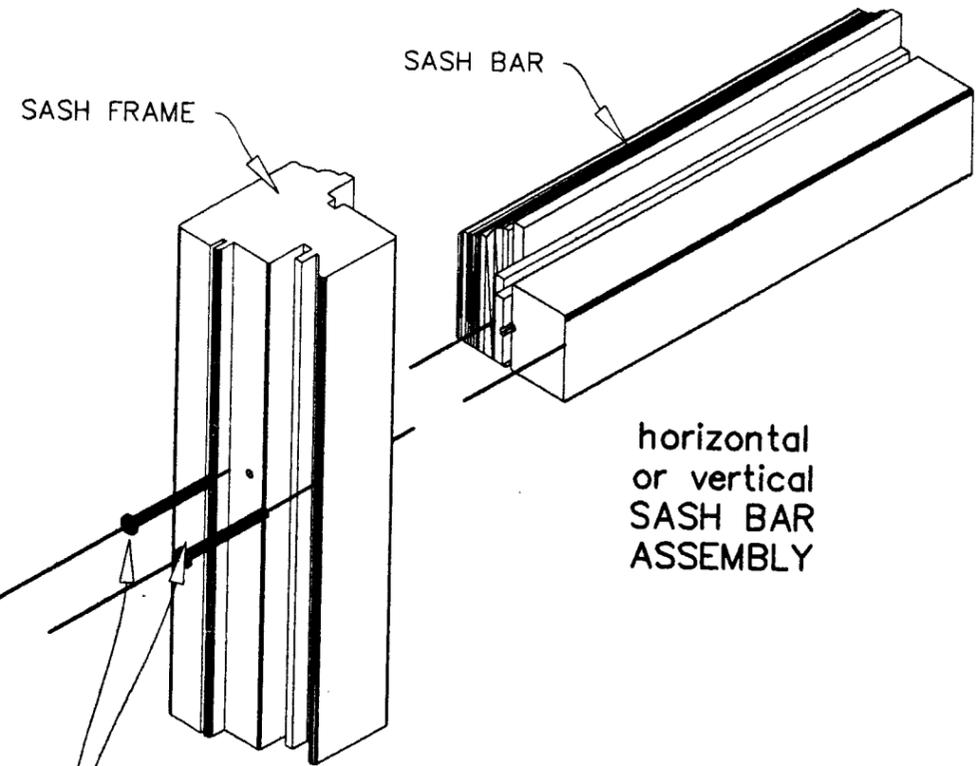


FRAME JAMB

ALUMINUM FLAT
SILL ASSEMBLY



#12 x 2" WOOD SCREWS
Embedment is 1 3/4"



SASH FRAME

SASH BAR

horizontal
or vertical
SASH BAR
ASSEMBLY

2x #12 x 3" WOOD
SCREWS AT EACH END
MIN. EMBEDMENT IS 1 1/2"

1855 GRIFFIN ROAD,
SUITE A-274
DANIA, FL 33004

MQJS
WINDOWS
OF EUROPE AND
THE AMERICAS

JS SERIES
WOOD FINED WINDOWS
MIAMI DADE COUNTY

Drawing no.: MQJS-NOA2

Scale: none Drawn by: S. Marcotte

Date drawn: 01/10/99 Date revised: 07/11/00

File: DJS-F9815 Page: 15/15

STRUCTURALLY REVIEWED BY:



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Walter A. Tillit Jr.
2/2/01

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE MARCH 01, 2001
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