



**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)**

**M.Q. Windows, Inc.  
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 the BCCO and accepted by the Building Code and Product Review Committee (BCPRC) 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 BCCO (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. BCPRC reserves the right to revoke this acceptance, if it is determined by BCCO 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 South Florida Building Code, 1994 Edition for Miami-Dade County or Florida Building Code.

**DESCRIPTION: Series "70/83 & 70/114 Outswing Mahogany Wood French Doors**

**APPROVAL DOCUMENT:** Drawing No. MQF70-3out, titled "Series-70/83 70/114 Outswing Wood Doors", sheets 1 through 19, prepared by the manufacturer, dated 07/28/97, last revision dated 02/20/02, bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: Large 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 renews NOA # 00-0417.04 and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Raul Rodriguez**.



**NOA No 02-0129.07  
Expiration Date: February 8, 2007  
Approval Date: March 14, 2002  
Page 1**



VIEWED FROM THE OUTSIDE

CONFIGURATIONS:

X, XX, O/X, O/XX

WOOD: Mahogany

TYPE OF GLASS	MAX. PERI. [in.]	MAX. AREA [sq.ft.]
G2: LAMINATED GLASS, Saflex .090 1/4 cl. an.+ 0.090 +1/4 cl. an.	312	23.0
WP: 1 3/4 RAISED WOOD PANEL	151 1/8	8.83



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

SERIES 70/83 & 70/114  
OUTSWING  
WOOD DOORS

METRO DADE COUNTY  
IMPACT RESISTANT  
PA201, PA202 & PA203

DESIGN PRESSURE  
Acting Inward: +58 psf  
Acting Outward: -68 psf  
NOTE: All sizes noted are maximum sizes. Sizes smaller in width & height are permitted.

ANCHOR FASTENERS  
— Steel Bracket PDF-FS-05  
Screwed to the buck frame and to the door frame with #10 x 1-3/4 in. flat head screws. Min. embedment is 1-1/2 in.  
— 4 Screwed through the door frame to the buck frame with #14 x 3 in. flat head screws. Min. embedment is 1-1/2 in.

OPTIONAL: Directly screwed through the frame and through the masonry with 1/4" x 3" Tapcon. Embedment is 1-1/2 in.  
OR: Using the steel bracket PDF-FS-05 screwed to the frame with #10 x 1-3/4 screw & screwed to the masonry with 1/4" x 2 1/2" Tapcon screw. Min. embedment is 1-1/2"

INSTALLATION FASTENERS:  
Spacing is 5-1/4 in. from corners and 14" max o/c.

SHIM SPACE:  
1/4 IN. @ JAMBS, HEAD & SILL

HINGES SPACING

Two pins hinges # 20-20 by Simonswerk GmbH secured with two #8 x 1-1/2" screws

MATERIAL:  
BCS: Bichromated steel (open in)  
SS: Stainless steel (open out)

QTY/ SASH	MAT.	DIST. FROM CORNER	DIST. O/C MAX.
2	SS	6 1/8"	27"

Drawing no.: MQF70-3out

Scale: NONE	Drawn by: E. Corbeil
Date drawn: 07/28/97	Date revised: 03/15/00
File: Dade3out_2.dwg	Page: 2/19

ENGINEER:

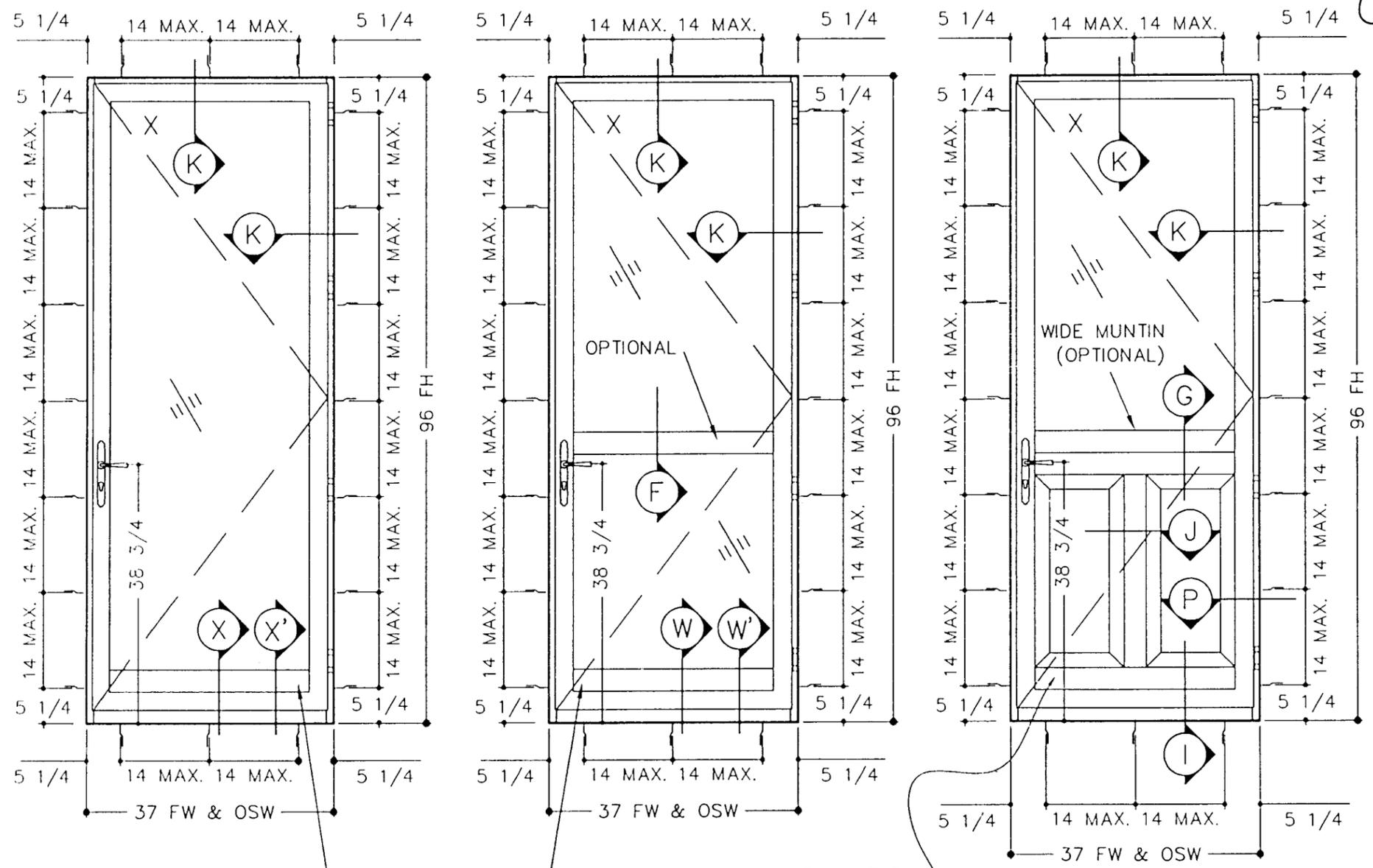
PRODUCT RENEWED

ACCEPTANCE NO. 02-0129.07

ESTABLISHED DATE FEBRUARY 8, 2007

*[Signature]*

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE July 06 2000  
BY *[Signature]*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0417.04



2-20-02

4-4-00

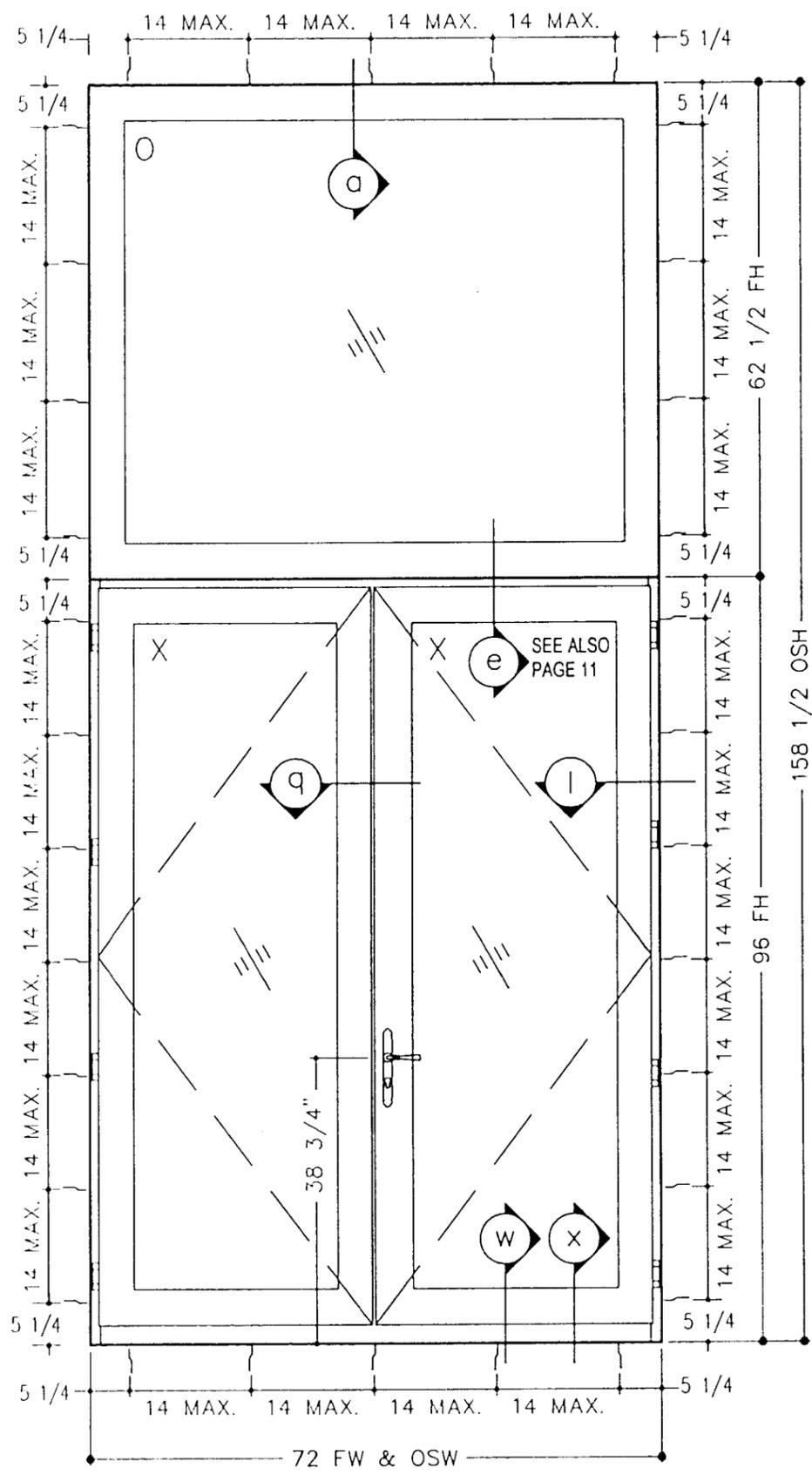
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2-20-02

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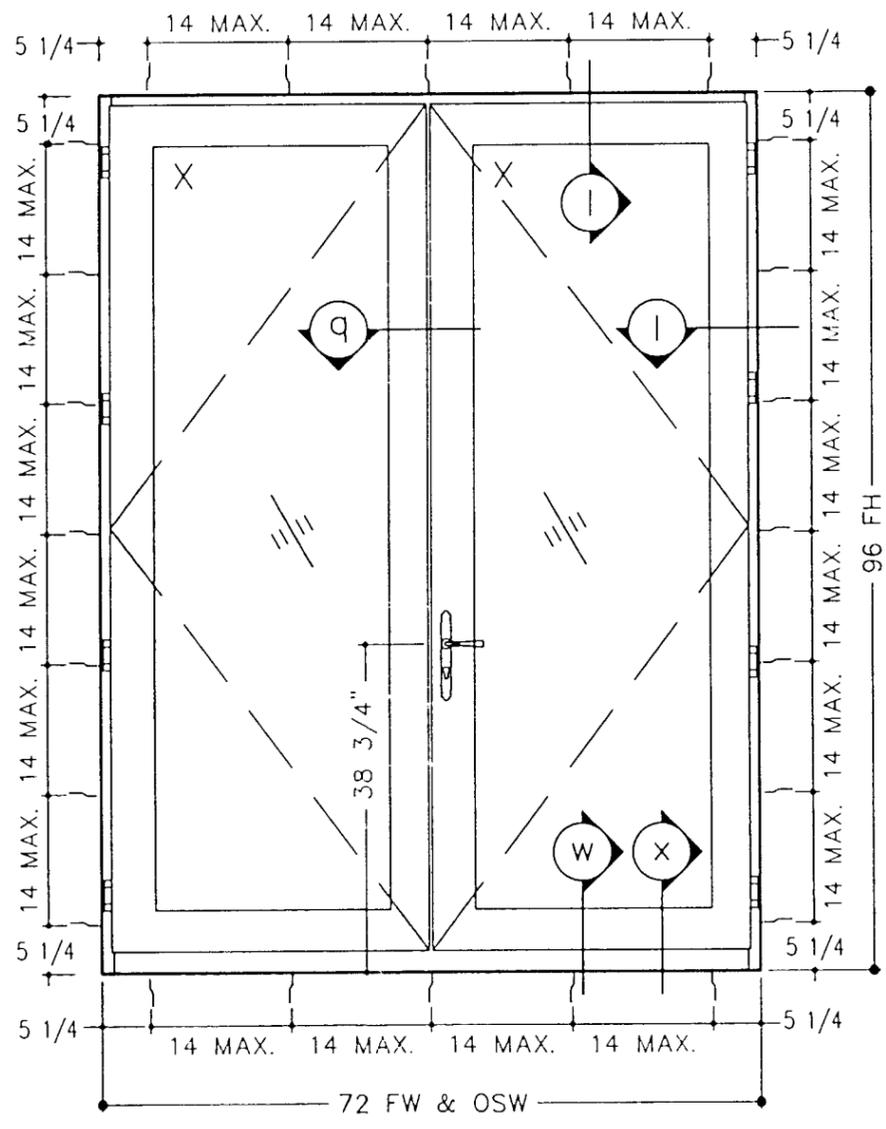
LEGEND:  
FW: FRAME SIZE, WIDTH  
FH: FRAME SIZE, HEIGHT  
OSW: OVERALL SIZE, WIDTH  
OSH: OVERALL SIZE, HEIGHT

4-4-00



TYPE OF GLASS	MAX. PERI. [in.]	MAX. AREA [sq.ft.]
G2: LAMINATED GLASS, Saflex .090 1/4 cl. an.+ 0.090 +1/4 cl. an.	312	23.0
WP: 1"3/4 RAISED WOOD PANEL	151 1/8	8.83

VIEWED FROM THE OUTSIDE  
CONFIGURATIONS:  
X, XX, O/X, O/XX  
WOOD: Mahogany



DESIGN PRESSURE  
Acting Inward: +58 psf  
Acting Outward: -68 psf  
NOTE: All sizes noted are maximum sizes. Sizes smaller in width & height are permitted.

ANCHOR FASTENERS  
— Steel Bracket PDF-FS-05  
Screwed to the buck frame and to the door frame with #10 x 1-3/4 in. flat head screws. Min. embedment is 1-1/2 in.  
— Screwed through the door frame to the buck frame with #14 x 3 in. flat head screws. Min. embedment is 1-1/2 in.

OPTIONAL: Directly screwed through the frame and through the masonry with 1/4" x 3" Tapcon. Embedment is 1-1/2 in.  
OR: Using the steel bracket PDF-FS-05 screwed to the frame with #10 x 1-3/4 screw & screwed to the masonry with 1/4" x 2 1/2" Tapcon screw. Min. embedment is 1-1/2"

INSTALLATION FASTENERS:  
Spacing is 5-1/4 in. from corners and 14" max o/c.  
SHIM SPACE:  
1/4 in. @ JAMBS, HEAD & SILL

HINGES SPACING

Two pins hinges # 2D-20 by Simonswerk GmbH secured with two #8 x 1-1/2" screws

MATERIAL:  
BCS: Bichromated steel (open in)  
SS: Stainless steel (open out)

QTY/ SASH	MAT.	DIST. FROM CORNER	DIST. O/C MAX.
2	SS	6 1/8"	27"

LEGEND:  
FW: FRAME SIZE, WIDTH  
FH: FRAME SIZE, HEIGHT  
OSW: OVERALL SIZE, WIDTH  
OSH: OVERALL SIZE, HEIGHT



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

SERIES 70/83 & 70/114  
OUTSWING  
WOOD DOORS  
METRO DADE COUNTY  
IMPACT RESISTANT  
PA201, PA202 & PA203

Drawing no.: MQF70-3out

Scale: NONE	Drawn by: E. Corbeil
Date drawn: 07/28/97	Date revised: 03/15/00
File: Dade3out_3.dwg	Page: 3/19

ENGINEER:

PRODUCT RENEWED  
ACCEPTANCE No. 02-0129.07  
EXPIRATION DATE FEBRUARY 8, 2007  
By: [Signature]  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE July 06, 2000  
BY: [Signature]  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0417.04

4-4-00  
2-20-02  
G1 REMOVED

VIEWED FROM THE OUTSIDE

CONFIGURATIONS:  
X, XX, O/X, O/XX

WOOD: Mahogany

LEGEND:

FW: FRAME SIZE, WIDTH  
FH: FRAME SIZE, HEIGHT  
OSW: OVERALL SIZE, WIDTH  
OSH: OVERALL SIZE, HEIGHT

2-20-02



TYPE OF GLASS	MAX. PERI. [in.]	MAX. AREA [sq.ft.]
G2: LAMINATED GLASS, Saflex .090 1/4 cl. an. + 0.090 + 1/4 cl. an.	312	23.0
WP: 1" 3/4 RAISED WOOD PANEL	151 1/8	8.83



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

SERIES 70/83 & 70/114  
OUTSWING  
WOOD DOORS

METRO DADE COUNTY  
IMPACT RESISTANT  
PA201, PA202 & PA203

Drawing no.: MQF70-3out

Scale: NONE	Drawn by: E. Corbeil
Date drawn: 07/28/97	Date revised: 03/15/00
File: Dade3out_4.dwg	Page: 4/19

ENGINEER:

PRODUCT RENEWED

APPROVED BY: 02-0129.07

REVISION DATE: FEBRUARY 8, 2007

*[Signature]*

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE

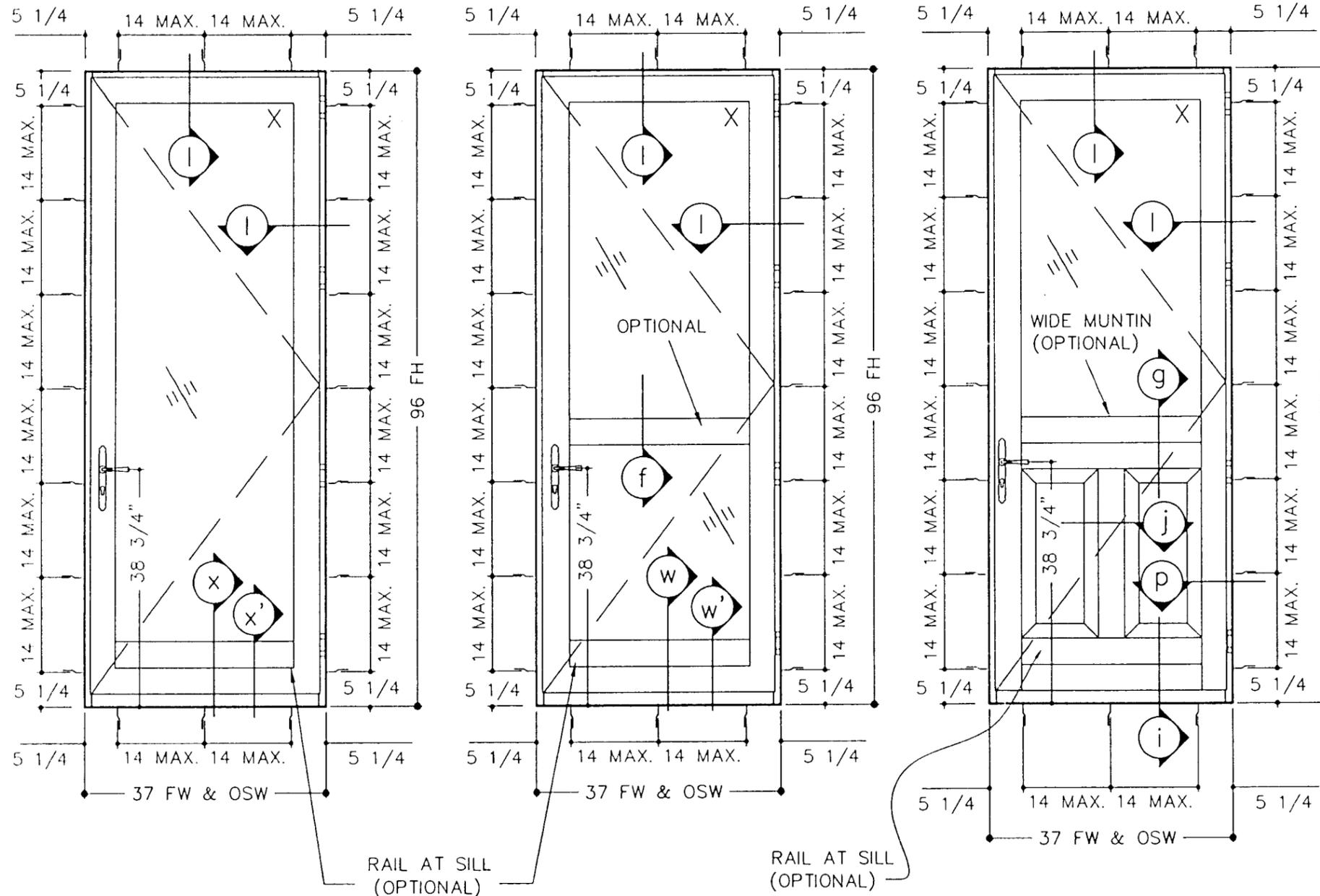
DATE: July 06, 2000

BY: [Signature]

PRODUCT CONTROL DIVISION

BUILDING CODE COMPLIANCE OFFICE

ACCIDENT NO. 00-0417-04



4-4-00  
DESIGN PRESSURE  
Acting Inward: +58 psf  
Acting Outward: -68 psf  
NOTE: All sizes noted are maximum sizes. Sizes smaller in width & height are permitted.

ANCHOR FASTENERS  
— Steel Bracket PDF-FS-05  
Screwed to the buck frame and to the door frame with #10 x 1-3/4 in. flat head screws. Min. embedment is 1-1/2 in.  
— Screwed through the door frame to the buck frame with #14 x 3 in. flat head screws. Min. embedment is 1-1/2 in.

OPTIONAL: Directly screwed through the frame and through the masonry with 1/4" x 3" Topcon. Embedment is 1-1/2 in.  
OR: Using the steel bracket PDF-FS-05 screwed to the frame with #10 x 1-3/4 screw & screwed to the masonry with 1/4" x 2 1/2" Topcon screw. Min. embedment is 1-1/2"

INSTALLATION FASTENERS:  
Spacing is 5-1/4 in. from corners and 14" max o/c.  
SHIM SPACE:  
1/4 IN. @ JAMBS, HEAD & SILL

HINGES SPACING

Two pins hinges # 20-20 by Simonswerk GmbH secured with two #8 x 1-1/2" screws

MATERIAL:  
BCS: Bichromated steel (open in)  
SS: Stainless steel (open out)

QTY/ SASH	MAT.	DIST. FROM CORNER	DIST. O/C MAX.
2	SS	6 1/8"	27"

4-4-00

2-20-02  
G1 REMOVED



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

**SERIES 70/83 & 70/114  
OUTSWING  
WOOD DOORS**

METRO DADE COUNTY  
IMPACT RESISTANT  
PA201, PA202 & PA203

Drawing no.: MQF70-3out

Scale: NONE	Drawn by: E. Corbeil
Date drawn: 07/28/97	Date revised: 03/15/00
File: Dade3out_5.dwg	Page: 5/19

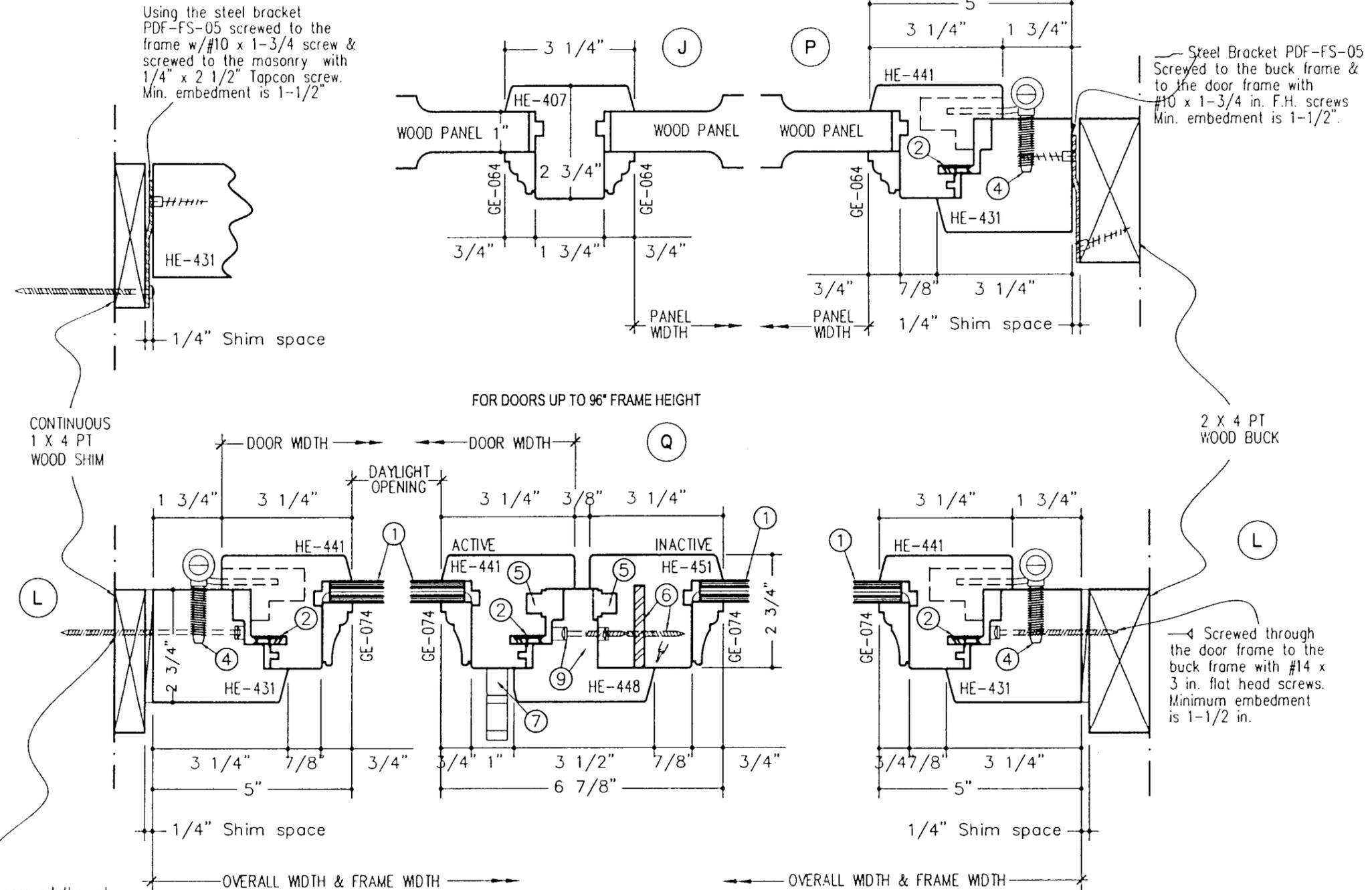
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**2-20-02**  
**GI REMOVED**

**PRODUCT RENEWED**

ACCEPTANCE No. 02-0129.07  
EXPIRATION DATE FEBRUARY 8, 2007  
By [Signature]  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE July 06, 2000  
BY [Signature]  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0417-04



Using the steel bracket PDF-FS-05 screwed to the frame w/#10 x 1-3/4 screw & screwed to the masonry with 1/4" x 2 1/2" Tapcon screw. Min. embedment is 1-1/2"

Steel Bracket PDF-FS-05 Screwed to the buck frame & to the door frame with #10 x 1-3/4 in. F.H. screws. Min. embedment is 1-1/2".

CONTINUOUS 1 X 4 PT WOOD SHIM

2 X 4 PT WOOD BUCK

Directly screwed through the frame to the masonry with 1/4" x 3" Tapcon screw. Minimum embedment is 1-1/2 in.

**NOTES:**  
INSTALLATION FASTENERS:  
Spacing is 5-1/4 in. from corners & 14" max o/c.  
SHIM SPACE:  
1/4 IN. @ JAMBS, HEAD & SILL

- ① IMPACT RESISTANT GLASS  
*2-20-02*
- ② EPDM MIDDLE GASKET L5150
- ③ ADJUSTABLE HINGE 2D-20
- ④ Screwed through the door frame to the buck frame with #14 x 3 in. flat head screws. Minimum embedment is 1-1/2 in.
- ⑤ HARDWARE SLOT (STD "EUROGROOVE")
- ⑥ 1/4" x 2" CF GALVANIZED STEEL PLATE REINFORCEMENT NO. A10650 ATTACHED W/ 1 1/2" NO 8 WOOD SCREWS @ 16" O/C
- ⑦ HANDLE
- ⑧ ASTRAGAL WOOD PROFILE HE-448, ATTACHED TO THE INACTIVE SASH WITH #8 X 1-1/2" SCREWS SPACED @ 14" O/C (MIN. EMBEDMENT: 3/4")
- ⑨ CLEAR "SPECTREM 2" SILICONE SEALANT AT SHOWN INTERFACES



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

**SERIES 70/83 & 70/114  
OUTSWING  
WOOD DOORS**

METRO DADE COUNTY  
IMPACT RESISTANT  
PA201, PA202 & PA203

Drawing no.: MQF70-3out

Scale: NONE	Drawn by: E. Corbeil
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Date drawn: 07/28/97	Date revised: 03/15/00
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File: Dade3out_6.dwg	Page: 6/19
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ENGINEER:

**2-20-02  
GI REMOVED**

PRODUCT RENEWED

PROJECT NO. 02-0129.07

DATE OF RENEWAL: FEBRUARY 8, 2007

*[Signature]*

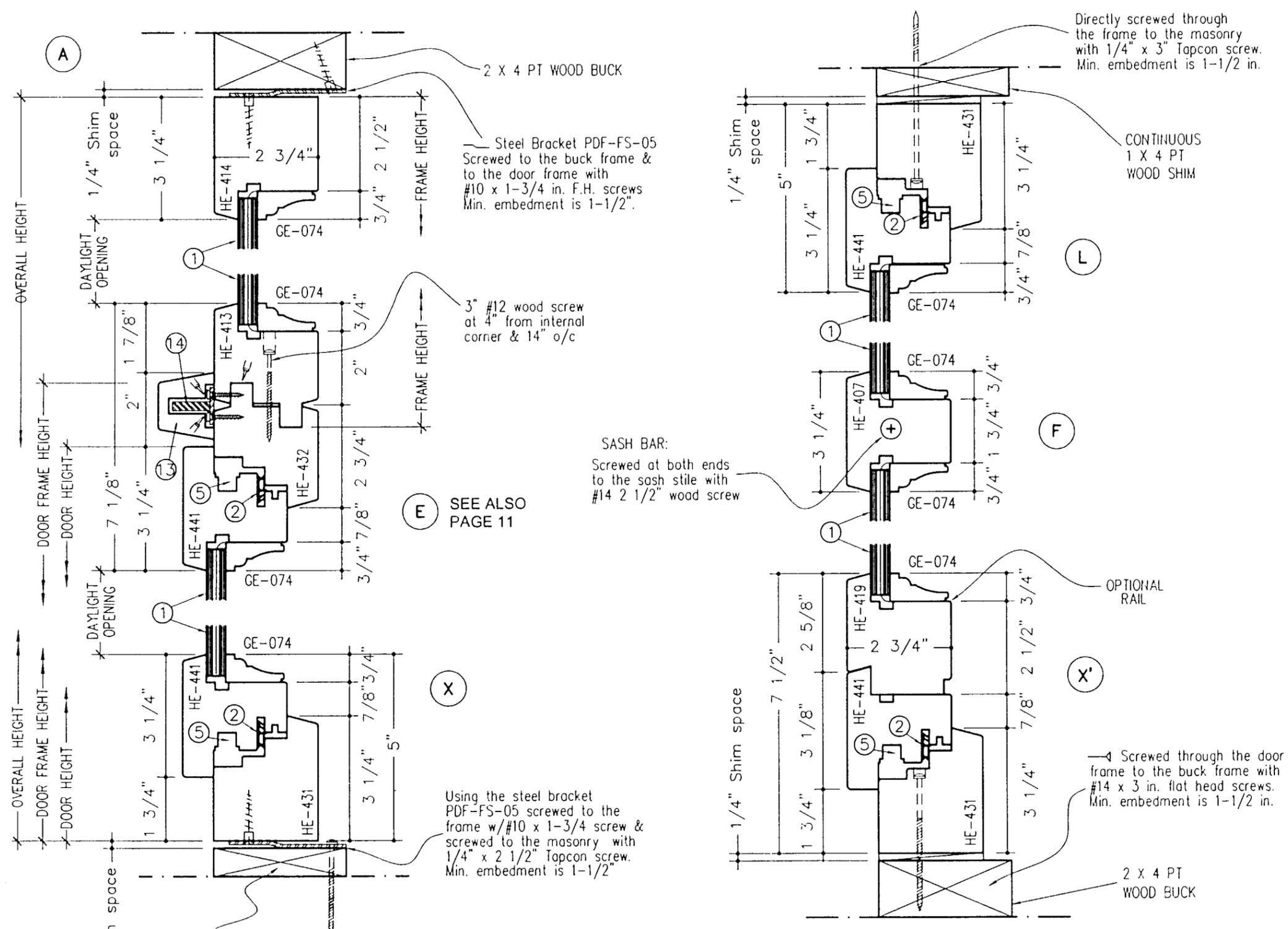
APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE

DATE: July 06, 2000

BY: *[Signature]*

PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

ACCEPTANCE NO. 00-0417-04



**NOTES:**

INSTALLATION FASTENERS:  
Spacing is 5-1/4 in. from  
corners & 14" max o/c.  
SHIM SPACE:  
1/4 IN. @ JAMBS, HEAD & SILL

- |   |  |
|---|--|
| ① IMPACT RESISTANT GLASS<br><i>2-20-02</i> <b>2</b> | ⑤ HARDWARE SLOT (STD "EUROGROOVE")   |
| ② EPDM MIDDLE GASKET L5150                          | ⑬ DECORATIVE WOOD MOULDING   |
|   | ⑭ T-SHAPE STEEL REINFORCEMENT no. AT2528 SCREWED AT 9" MAX. o/c WITH 2x #8 x1" WOOD SCREW EMBEDMENT IS 7/8". |
|   | → CLEAR "SPECTREM 2" SILICONE SEALANT AT SHOWN INTERFACES  |



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

**SERIES 70/83 & 70/114  
OUTSWING  
WOOD DOORS**

METRO DADE COUNTY  
IMPACT RESISTANT  
PA201, PA202 & PA203

Drawing no.: MQF70-3out

Scale: NONE  
Drawn by: E. Corbeil

Date drawn: 07/28/97  
Date revised: 03/15/00

File: Dade3out\_7.dwg  
Page: 7/19

ENGINEER:

**2-20-02**  
G1 REMOVED

**PRODUCT RENEWED**

ACCEPTANCE NO. 02-0129.07

EXPIRATION DATE FEBRUARY 8, 2007

By *[Signature]*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE

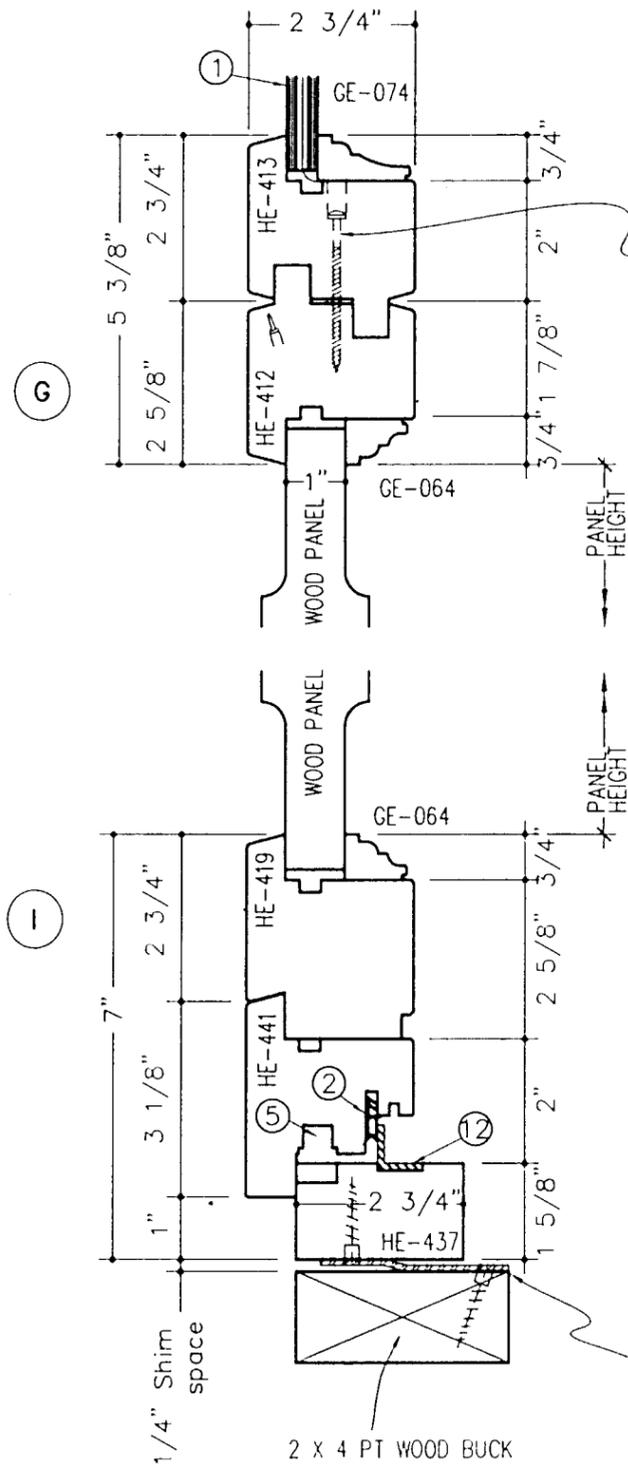
DATE July 06, 2000

BY *[Signature]*

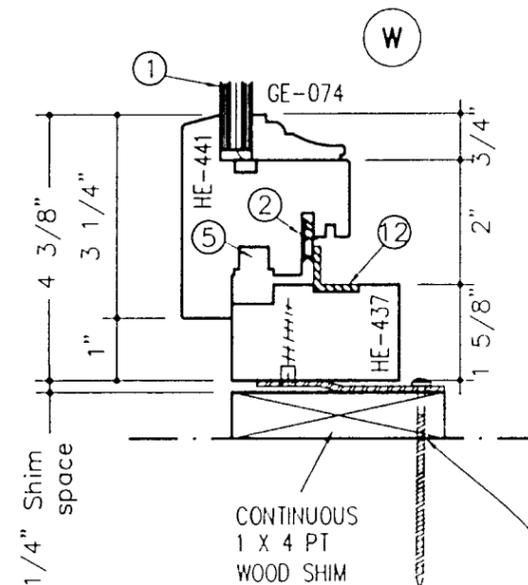
PRODUCT CONTROL DIVISION

BUILDING CODE COMPLIANCE OFFICE

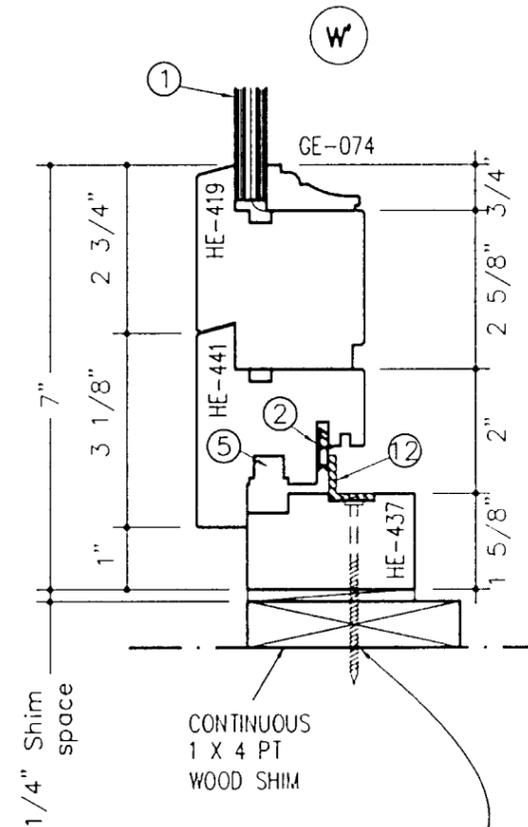
ACCEPTANCE NO. 00-0417.04



3" #12 wood screw  
at 4" from internal  
corner & 14" o/c



Using the steel bracket  
PDF-FS-05 screwed to the  
frame w/#10 x 1-3/4 screw &  
screwed to the masonry with  
1/4" x 2 1/2" Tapcon screw.  
Min. embedment is 1-1/2"



Directly screwed through  
the frame to the masonry  
with 1/4" x 3" Tapcon screw.  
Min. embedment is 1-1/2 in.

**NOTES:**

INSTALLATION FASTENERS:  
Spacing is 5-1/4 in. from  
corners & 14" max o/c.

SHIM SPACE:  
1/4 IN. @ JAMBS, HEAD & SILL

① IMPACT RESISTANT GLASS

**2-20-02** **2**  
G2: LAMINATED GLASS, 1/4" cl. on.,  
0.090" SAFLEX PVB, 1/4" cl. on.

② EPDM MIDDLE GASKET L5150

⑤ HARDWARE SLOT (STD "EUROGROOVE")

⑫ ALUMINUM ANGLE (3/4" x 3/4" x 1/8")

☞ CLEAR "SPECTREM 2" SILICONE  
SEALANT AT SHOWN INTERFACES



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

**SERIES 70/83 & 70/114  
OUTSWING  
WOOD DOORS**

METRO DADE COUNTY  
IMPACT RESISTANT  
PA201, PA202 & PA203

Drawing no.: MQF70-3out

Scale: NONE  
Drawn by: E. Corbeil

Date drawn: 07/28/97  
Date revised: 03/15/00

File: Dade3out\_8.dwg  
Page: 8/19

ENGINEER:

2-20-02  
G1 REMOVED

INTRODUCTORY PERIOD

APPROVAL NO. 02-0129.07

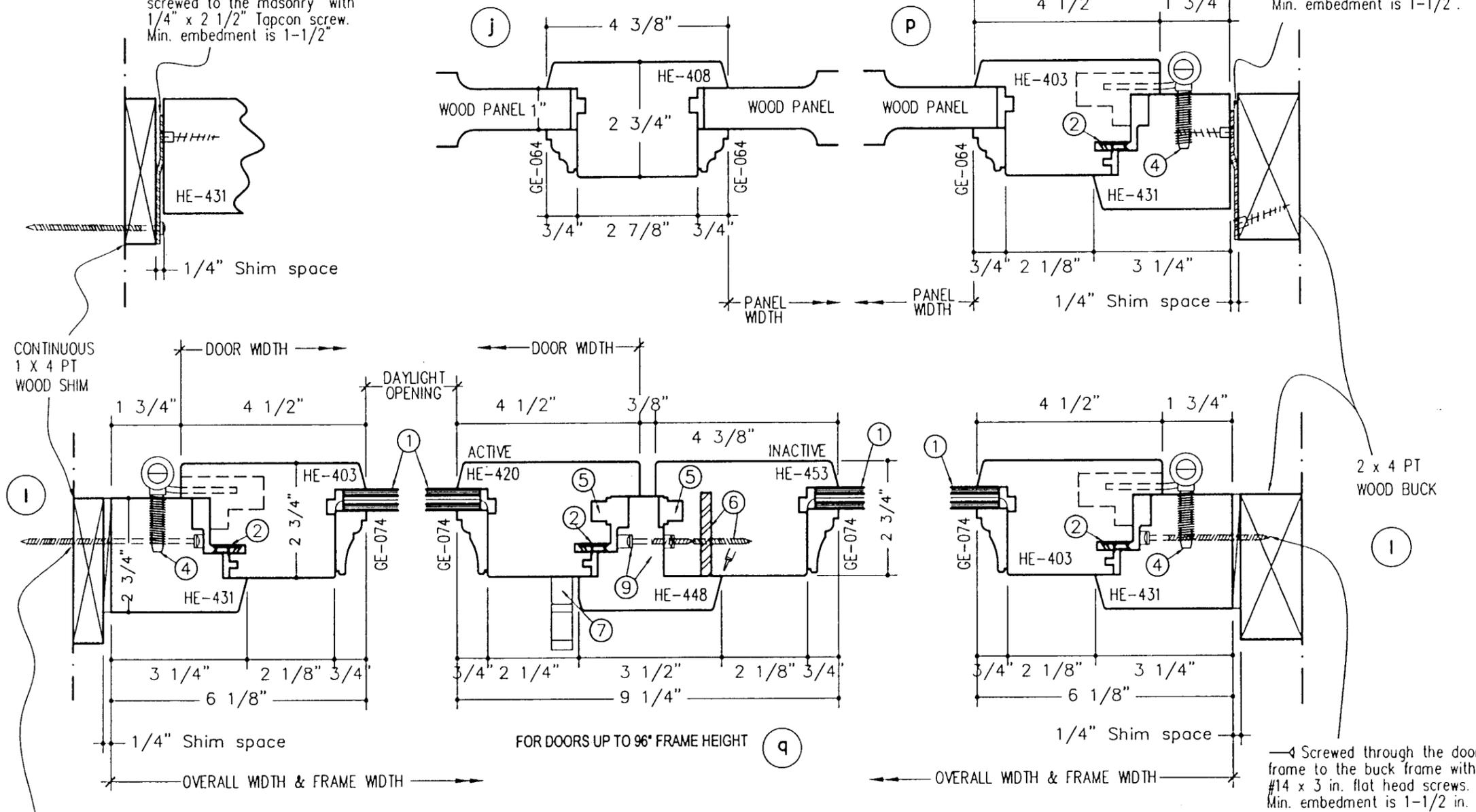
ISSUE DATE: FEBRUARY 8, 2007

By: *[Signature]*

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE: July 06, 2000  
BY: *Manuel Cruz*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0417-04

Using the steel bracket PDF-FS-05 screwed to the frame w/#10 x 1-3/4 screw & screwed to the masonry with 1/4" x 2 1/2" Tapcon screw. Min. embedment is 1-1/2"

Steel Bracket PDF-FS-05 Screwed to the buck frame & to the door frame with #10 x 1-3/4 in. F.H. screws. Min. embedment is 1-1/2".



CONTINUOUS 1 X 4 PT WOOD SHIM

2 x 4 PT WOOD BUCK

Directly screwed through the frame to the masonry with 1/4" x 3" Tapcon. Minimum embedment is 1-1/2 in.

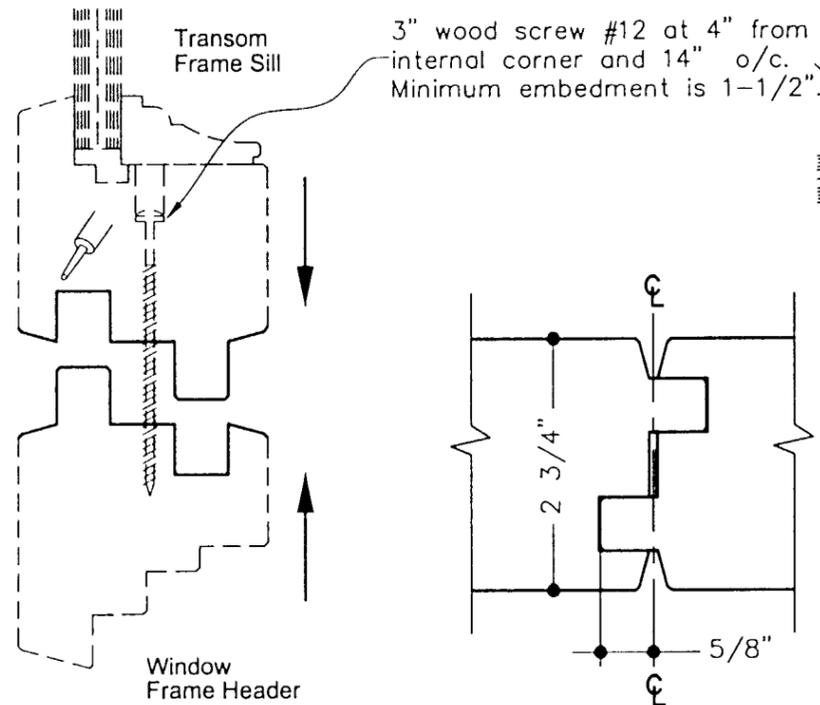
**NOTES:**  
INSTALLATION FASTENERS:  
Spacing is 5-1/4 in. from corners & 14" max o/c.  
SHIM SPACE:  
1/4 IN. @ JAMBS, HEAD & SILL

- ① IMPACT RESISTANT GLASS  
G2: LAMINATED GLASS; 1/4" cl. an., 0.090" SAFLEX PVB, 1/4" cl. an.
- ② EPDM MIDDLE GASKET L5150
- ③ 1/4" x 2" CF GALVANIZED STEEL PLATE REINFORCEMENT NO. A10650 ATTACHED W/ 1 1/2" NO 8 WOOD SCREWS @ 16" O/C
- ④ ADJUSTABLE HINGE 2D-20
- ⑤ HARDWARE SLOT (STD "EUROGROOVE")
- ⑥ 1/4" x 2" CF GALVANIZED STEEL PLATE REINFORCEMENT NO. A10650 ATTACHED W/ 1 1/2" NO 8 WOOD SCREWS @ 16" O/C
- ⑦ HANDLE
- ⑧ CLEAR "SPECTREM 2" SILICONE SEALANT AT SHOWN INTERFACES
- ⑨ ASTRAGAL WOOD PROFILE HE-448, ATTACHED TO THE INACTIVE SASH WITH #8 X 1-1/2" SCREWS SPACED @ 14" O/C (MIN. EMBEDMENT: 3/4")

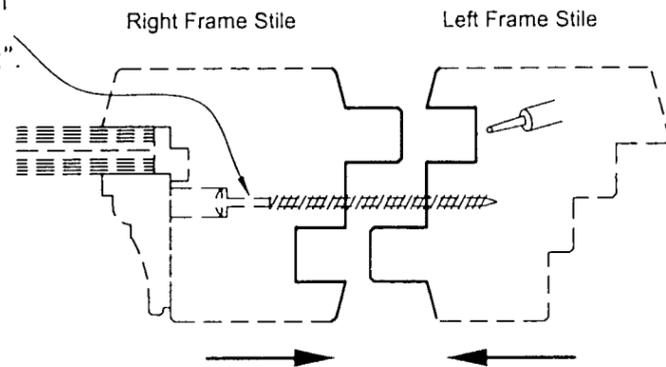




HORIZONTAL MULLION



VERTICAL MULLION

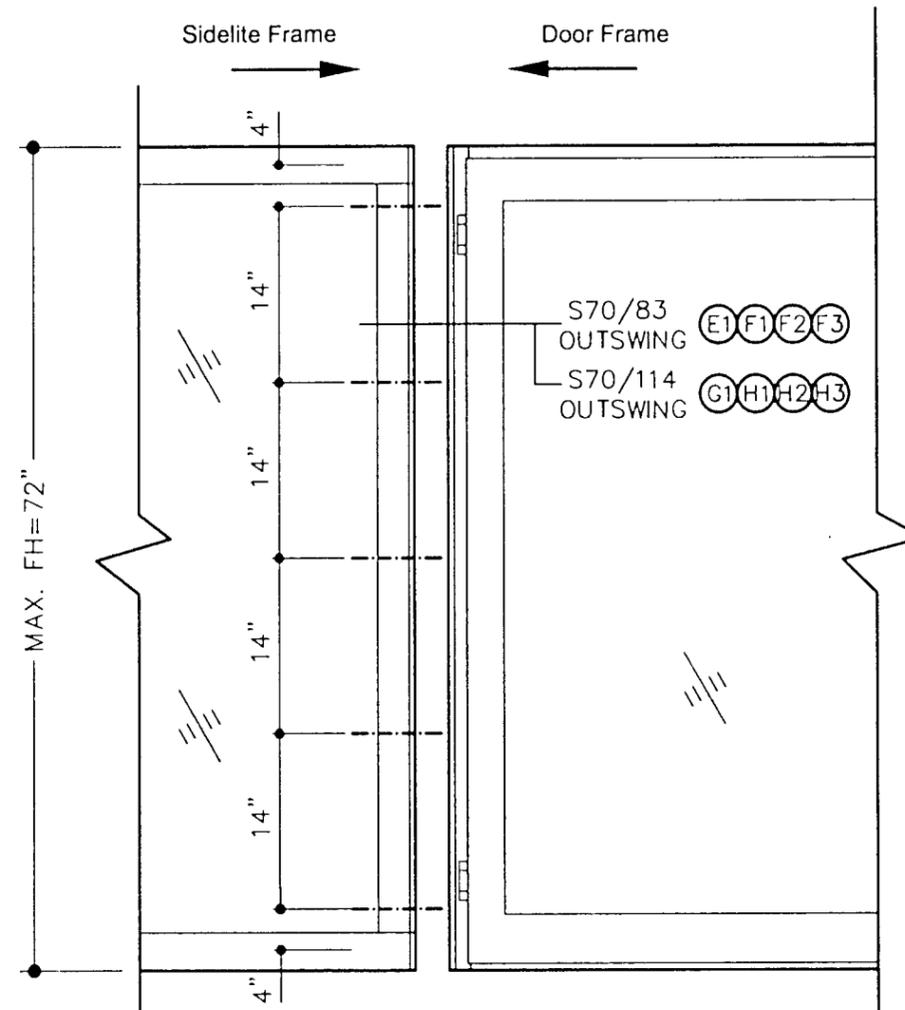
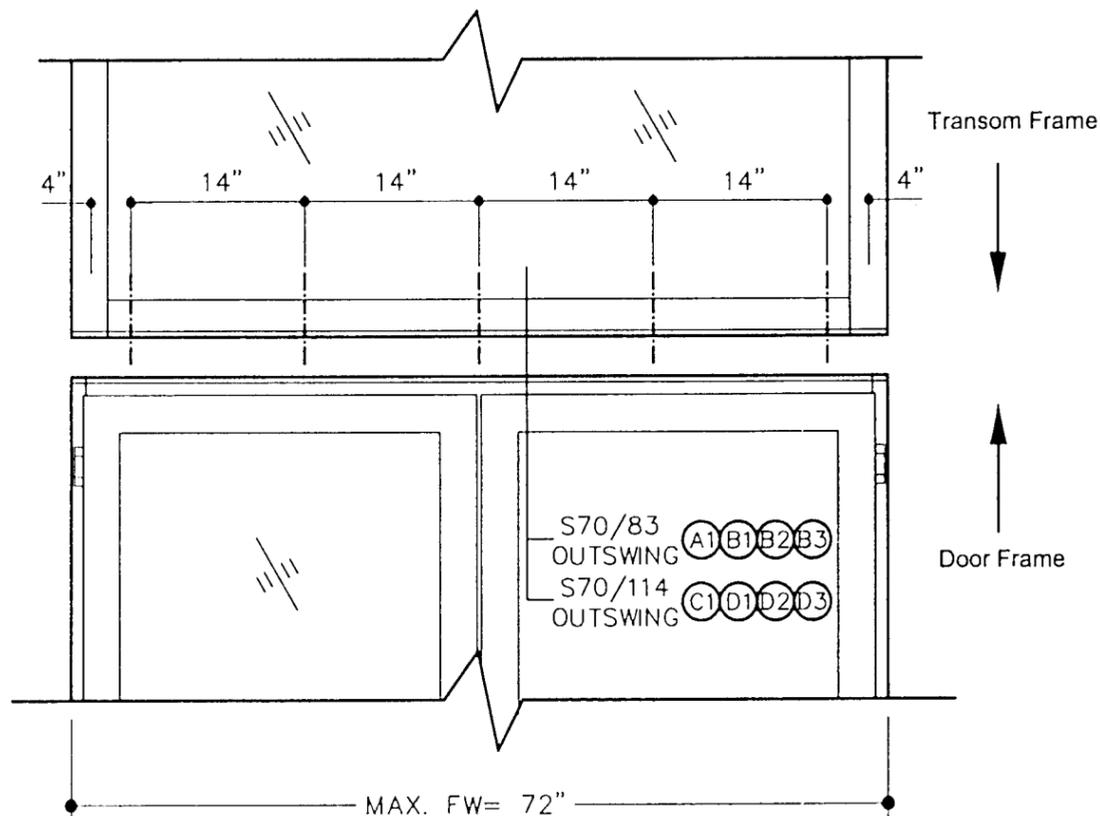


NOTES:

FH= FRAME HEIGHT  
FW= FRAME WIDTH

In standard applications, sidelites and transoms are screwed at the factory, in special cases, job site installation could be done. In this case, holes are pre-drilled at the factory and screws are included.

Wood = Mahogany



CLEAR "SPECTREM 2" SILICONE SEALANT AT SHOWN INTERFACES



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

SERIES 70/83 & 70/114  
OUTSWING  
WOOD DOORS  
MULLION  
SIDE BY SIDE INSTALLATION

METRO DADE COUNTY  
PA201, PA202 & PA203

Drawing no.: MQF70-3out

Scale: NONE	Drawn by: S. Marcotte
Date drawn: 07/26/97	Date revised: 03/15/00
File: Coup3out_1.dwg	Page: 11/19

ENGINEER:

PRODUCT RENEWED

ACCEPTANCE No. 02-0129.07

EXPIRATION DATE FEBRUARY 8, 2007

By PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE July 06, 2000  
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ACCEPTANCE NO. 00-0417.04



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

**SERIES 70/83  
OUTSWING  
WOOD DOORS  
MULLION  
SIDE BY SIDE INSTALLATION**

METRO DADE COUNTY  
PA201, PA202 & PA203

Drawing no.: MQF70-3out

Scale: 1/3=1  
Drawn by: S. Marcotte

Date drawn: 07/22/97  
Date revised: 03/15/00

File: Coup3out\_2.dwg  
Page: 12/19

ENGINEER:

2-20-02  
GI REMOVED

PRODUCT RENEWED

AMERICAN DOOR 02-0129.07

REVISION DATE FEBRUARY 8, 2007

*Manuel Cruz*  
MANUEL CRUZ, PE  
MANUFACTURER OF METRO DADE COUNTY

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE

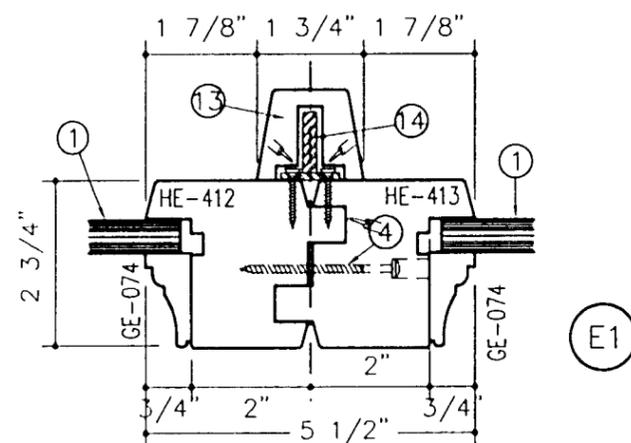
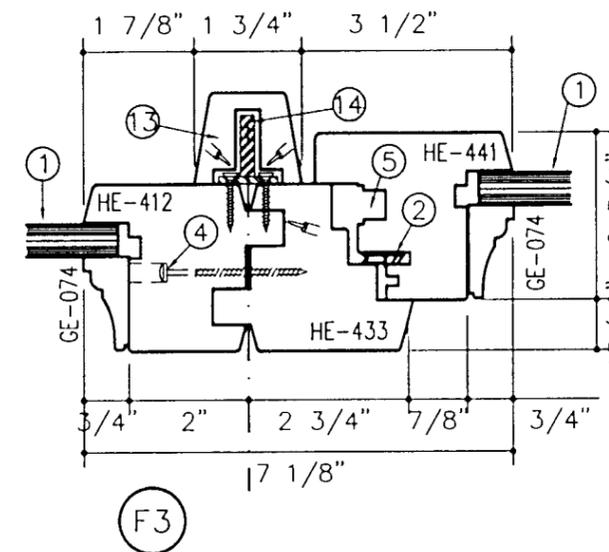
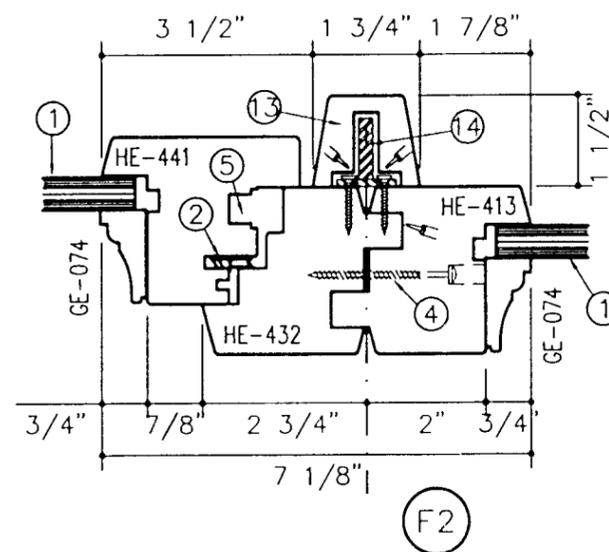
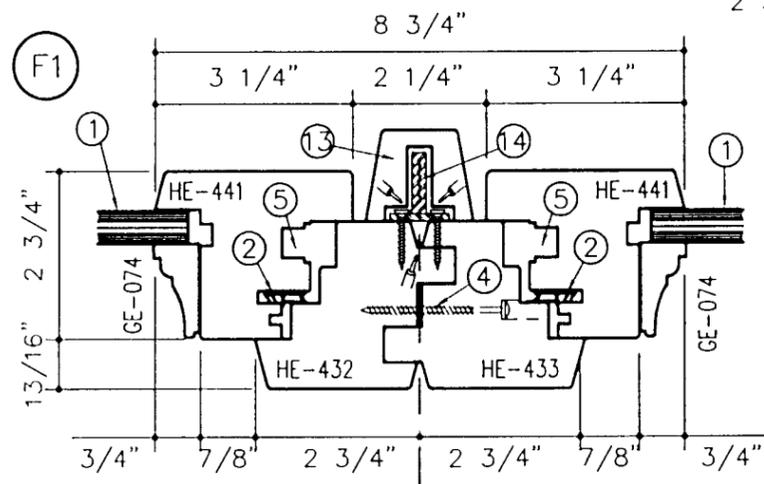
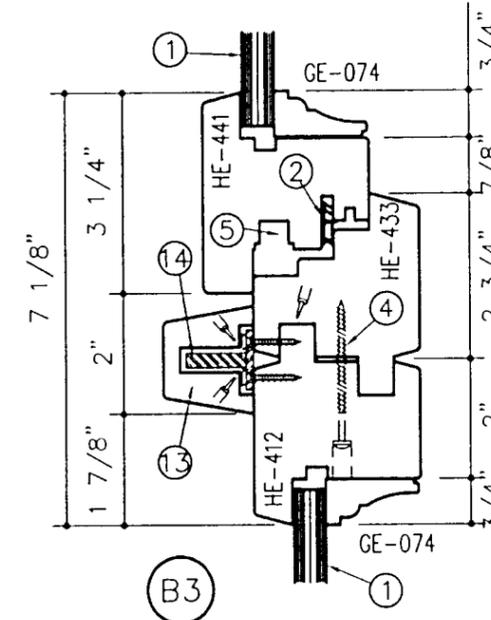
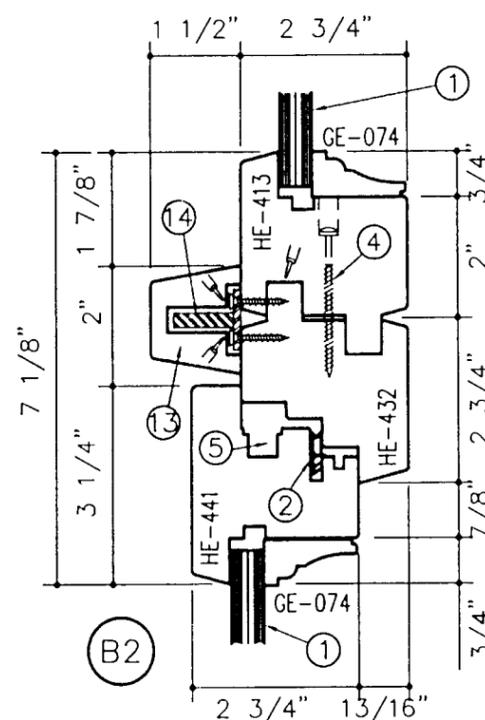
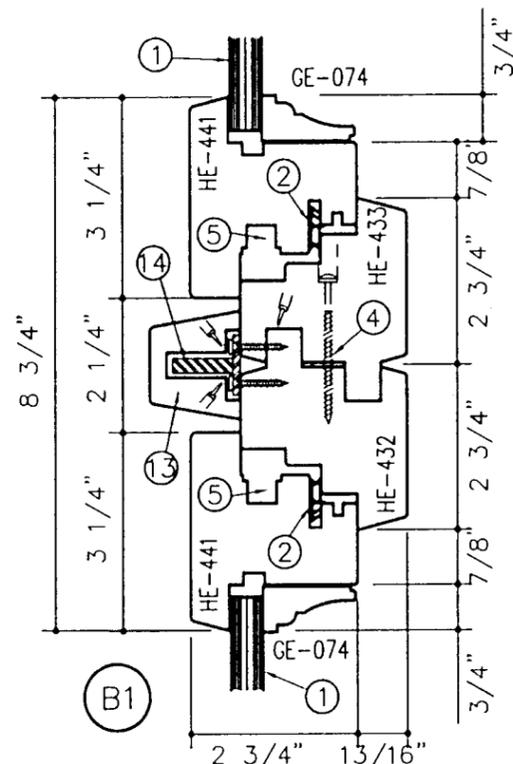
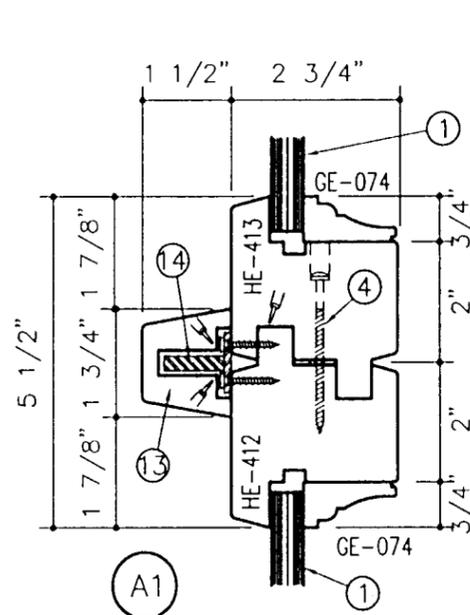
DATE July 06, 2009

BY *Manuel Cruz*

PRODUCT CONTROL DIVISION

BUILDING CODE COMPLIANCE OFFICE

ACCEPTANCE NO. 00-0417-04



- ① IMPACT RESISTANT GLASS  
G2: LAMINATED GLASS; 1/4" cl. an., 0.090" SAFLEX PVB, 1/4" cl. an.
- ② EPDM MIDDLE GASKET L5150
- ④ #12-3" WOOD SCREW AT 4" FROM INTERNAL CORNER & 14" o/c; MINIMUM EMBEDMENT IS 1 1/2".
- ⑤ HARDWARE SLOT (STD. "EUROGROOVE")
- ⑬ DECORATIVE WOOD MOULDING
- ⑭ T-SHAPE STEEL REINFORCEMENT no. AT2528 SCREWED AT 9" MAX. o/c WITH 2x #8 x1" WOOD SCREW. EMBEDMENT IS 7/8".
- CLEAR "SPECTREM 2" SILICONE SEALANT AT SHOWN INTERFACES



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

**SERIES 70/114  
OUTSWING  
WOOD DOORS**  
MULLION  
SIDE BY SIDE INSTALLATION

METRO DADE COUNTY  
PA201, PA202 & PA203

Drawing no.: MQF70-3out

Scale: 1/3=1	Drawn by: S. Marcotte
Date drawn: 07/22/97	Date revised: 03/15/00
File: Coup3out_3.dwg	Page: 13/19

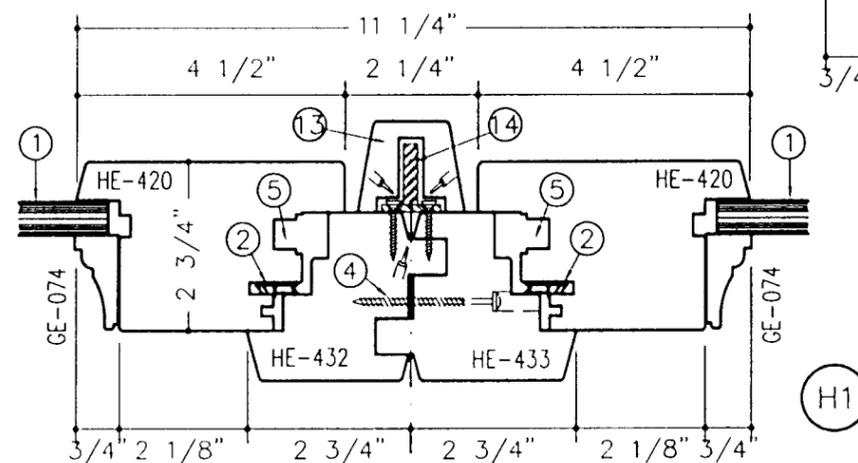
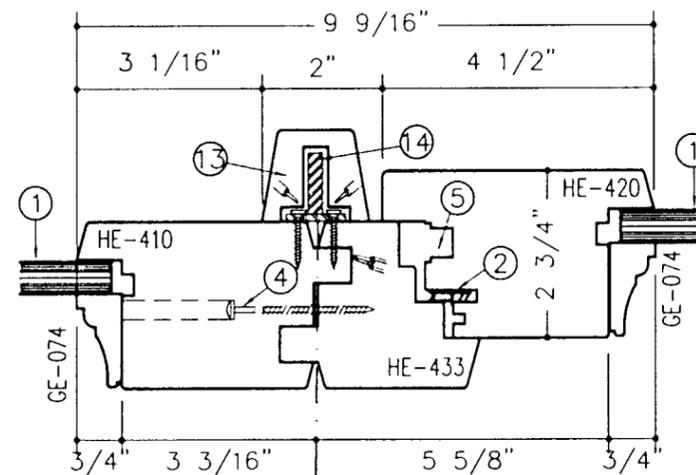
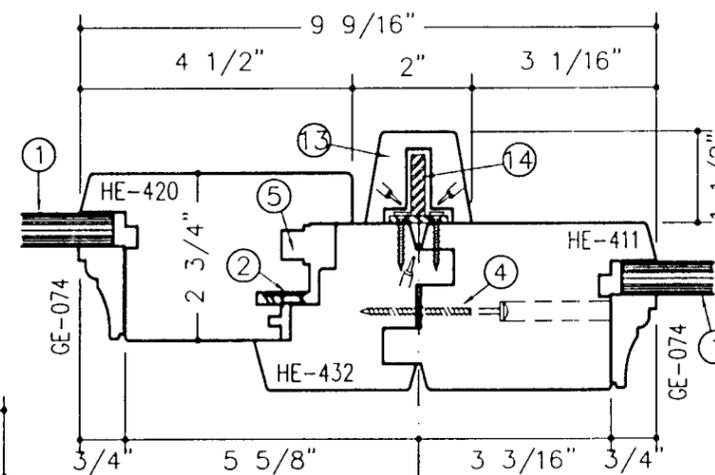
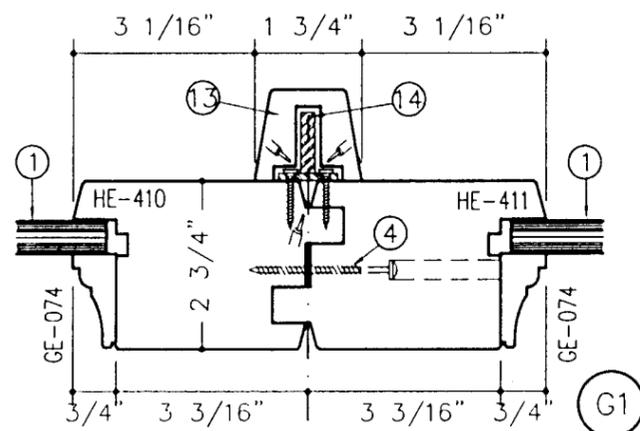
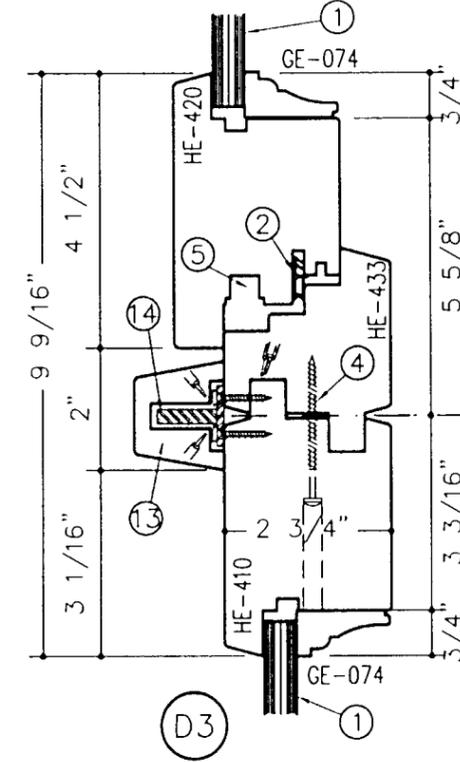
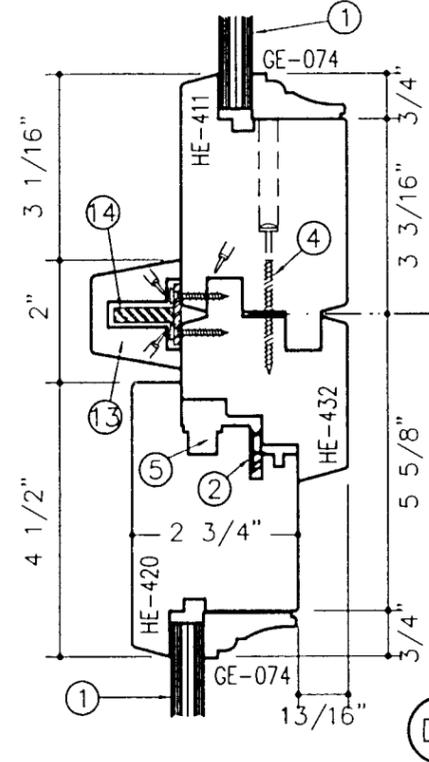
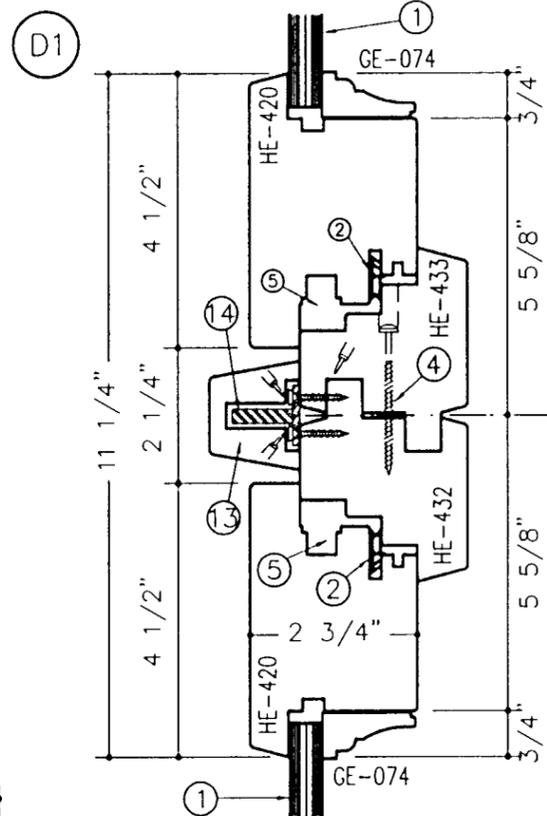
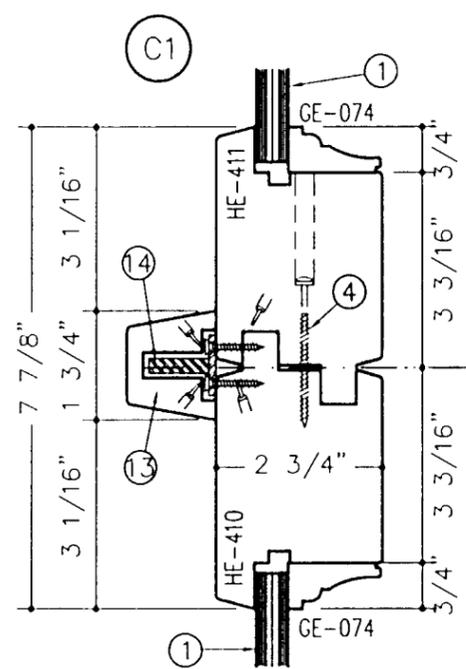
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2-20-02  
G1 REMOVED

**PRODUCT RENEWED**

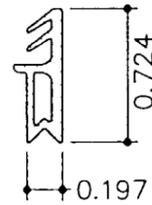
ACCEPTANCE NO. 02-0129.07  
EXPIRATION DATE: FEBRUARY 8, 2007  
By: *[Signature]*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE July 06, 2000  
BY *[Signature]*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
COMPLIANCE NO. 00-0417-04

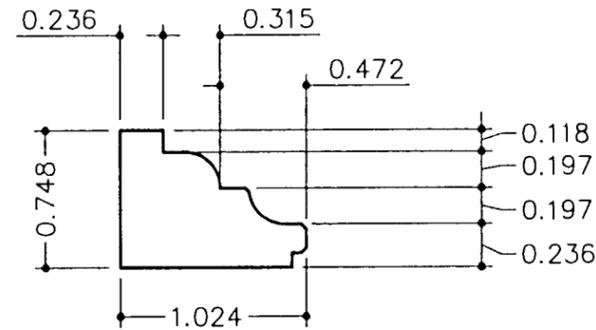


- ① IMPACT RESISTANT GLASS  
G2: LAMINATED GLASS; 1/4" cl. an., 0.090" SAFLEX PVB, 1/4" cl. an.
- ② EPDM MIDDLE GASKET L5150
- ④ #12-3" WOOD SCREW AT 4" FROM INTERNAL CORNER & 14" o/c; MINIMUM EMBEDMENT IS 1 1/2".

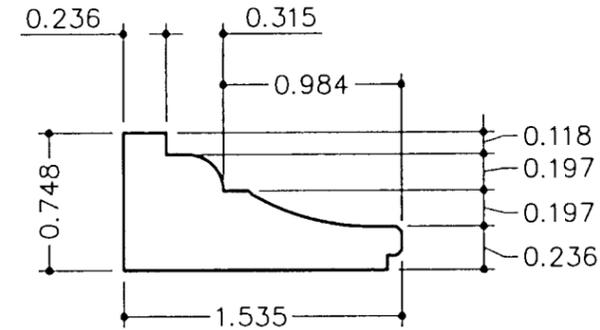
- ⑤ HARDWARE SLOT (STD. "EUROGROOVE")
- ⑬ DECORATIVE WOOD MOULDING
- ⑭ T-SHAPE STEEL REINFORCEMENT no. AT2528 SCREWED AT 9" MAX. o/c WITH 2x #8 x1" WOOD SCREW. EMBEDMENT IS 7/8".
- ☞ CLEAR "SPECTREM 2" SILICONE SEALANT AT SHOWN INTERFACES



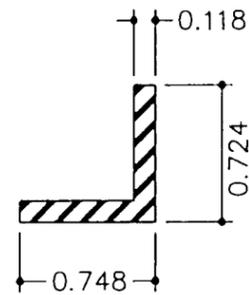
② L5150 EPDM Middle Gasket



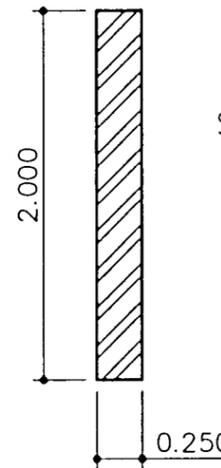
GE-064 Glazing Bead for 1 in. Glass Thickness or for Wood Panel



GE-074 Glazing Bead for 1/2 in. Glass Thickness

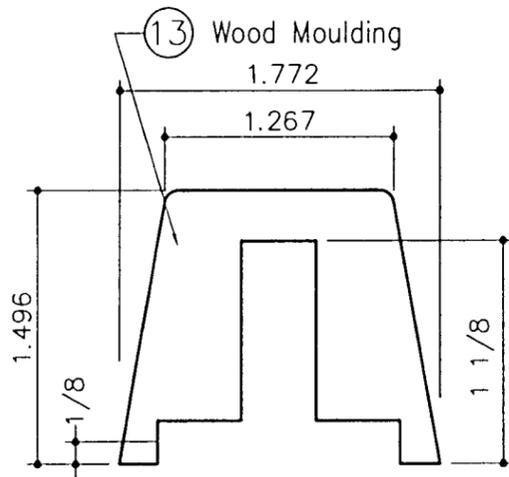


⑫ AN0765/301 Aluminum Angle

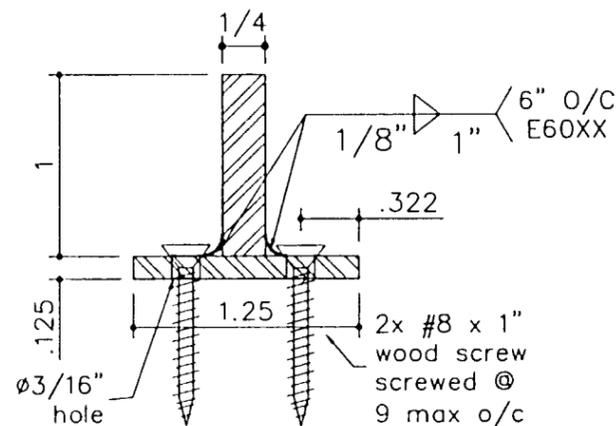


⑥ A10650 Steel Reinforcement

NOTE:  
Yield Point of  
reinforcements:  
47,000 psi



⑬ Wood Moulding



⑭ AT2528 Steel Reinforcement

# REFERING TO CROSS SECTIONS DRAWINGS OF THIS SERIE

PART #	QTY.	DESCRIPTION	MATERIAL	DIMENSION	LOCATION
②	Lf depends on Sash perimeter	Brügman, Push-in middle gasket no. L5150	EPDM	3/4 in. x 1/4 in.	Continuous groove around entire perimeter of ACTIVE SASH. Continuous groove on top rail, bottom rail and hinged stile of IN-ACTIVE SASH
⑥	1 per inactive sash	Additional Reinforcement A10650	Galvanized Steel AISI C1020, Cold drawn	2.0 in. x .250 in. length: 12 in. less than inactive sash height	Located in a notch cut in the locking stile of the IN-ACTIVE sash.
⑫	1	Angle no. AN0765/301	Aluminum T5	3/4 x 3/4 x 1/8 in. t.	Located on top of sill
⑬	1 per mullion	Decorative continuous moulding	Mahogany wood	1-3/4 in. x 1-1/2 in.	Nailed along the entire length of the mullion; on top of the T-shape reinforcement.
⑭	1 per mullion	Welded T-Shape reinforcement no. AT2528	Galvanized steel AISI C1020 Cold drawn	1-1/4 in. x 1-1/8 in.	Screwed along the entire length of the mullion at 9" max. o/c with 2x #8 x 1" wood screw. Embedment is 7/8".
GE-064	1 per glass edge	Glazing bead (for 1 in. glass thickness or for wood panel)	Mahogany Wood	3/4 in. x 1 in.	Nailed through the sash frame at glass or wood panel perimeter
GE-074	1 per glass edge	Glazing bead (for 1/2 in. glass thickness)	Mahogany Wood	3/4 in. x 1-1/2 in.	Nailed through the sash frame at the glass perimeter



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

SERIES 70/83 & 70/114  
OUTSWING  
WOOD DDORS

ACCESSORIES & HARDWARE

METRO DADE COUNTY  
IMPACT RESISTANT  
PA201, PA202 & PA203

Drawing no.: MQF70-3out

Scale: 1=1	Drawn by: E. Fortin
Date drawn: 08/07/98	Date revised: 03/15/00
File: 3out_A&H.dwg	Page: 14/19

ENGINEER:

PRODUCT RENEWED

APPROVED FOR 02-0129.07

REVISION DATE FEBRUARY 8, 2007

*[Signature]*  
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE

SOUTH FLORIDA BUILDING CODE

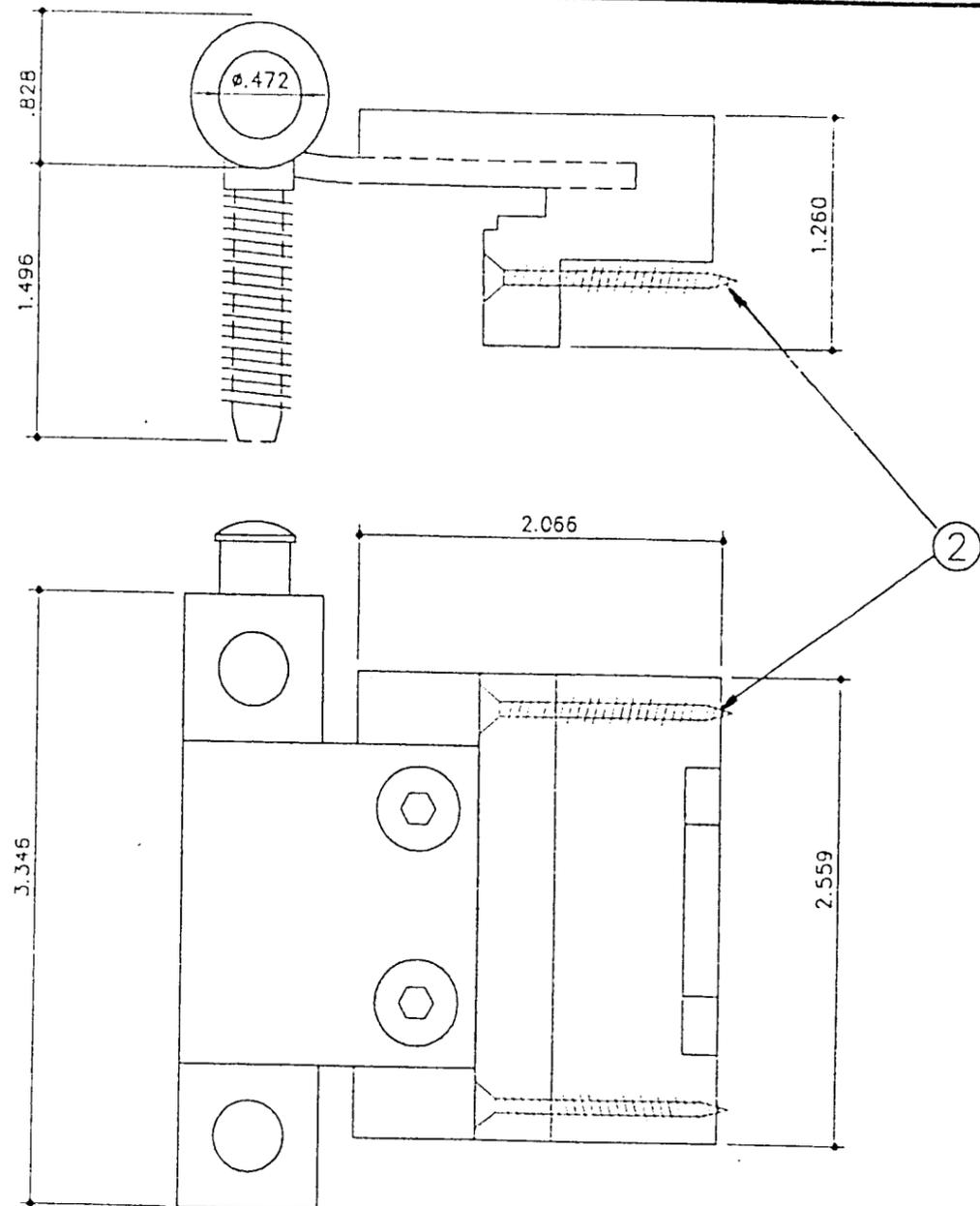
DATE July 06 2000

BY *[Signature]*

PRODUCT CONTROL DIVISION

BUILDING CODE COMPLIANCE OFFICE

ACCEPTANCE NO. 00-0417.04



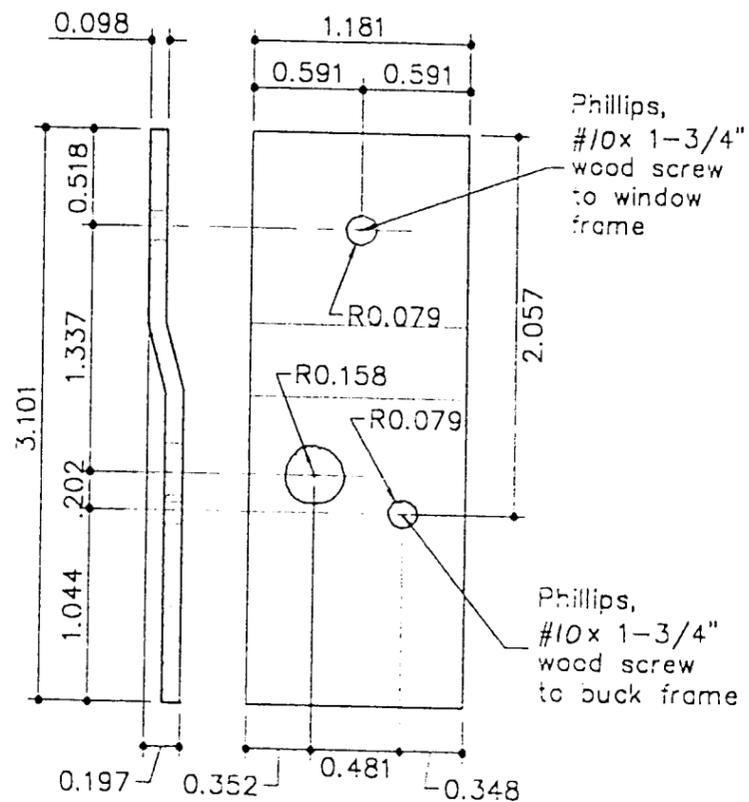
① 2D-20 Adjustable Hinge

NOTE: REFERED TO AS ④ IN THE CROSS SECTIONS DRAWINGS OF THIS SERIE

HINGES SPACING			
FRAME HEIGHT UP TO	QTY:	DIST. FROM CORNER	O/C MAX.
48 1/8"	2	6 1/8"	27"
69 1/8"	3	6 1/8"	27"
96 1/8"	4	6 1/8"	27"

TABLE 1

PART #	QTY.	DESCRIPTION	MATERIAL	DIMENSION	LOCATION
1	Refer to Table 1	Simons Werk Gmgh, Adjustable hinges no. 2D-20	Bichromated Steel (open in) Stainless Steel (open out)	3.346 in. x 2.538 in. x 2.324 in.	Refer to Table 1
2	2 per hinge	F.H. Wood screw	Galvanized steel	#8 x 1-1/2 in.	Screwed through the hinge to the sash stile.
3	Depends on frame size	PROTOL, Installation Bracket no. PDF-FS-05	Galvanized steel	3.101 in. x 1.181 in. x 0.197 in. t.	5-1/4 in. from corners & 14 in. max. o/c, between framing member & buck frame.



③ PDF-FS-05 Installation Bracket



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

**SERIES 70/83 & 70/114  
WOOD CASEMENT WINDOW  
& WOOD DOORS**  
ACCESSORIES & HARDWARE  
METRO DADE COUNTY  
IMPACT RESISTANT  
PA201, PA202 & PA203

Drawing no.: MQF70/3out

Scale: 1=1  
Drawn by: E. Fortin

Date drawn: 08/07/98  
Date revised: 03-15-00

File: 70\_A&H.dwg  
Page: 15/19

ENGINEER:

**PRODUCT RENEWED**

ACCEPTANCE No. 02-0129.07

EXPIRATION DATE FEBRUARY 8, 2007

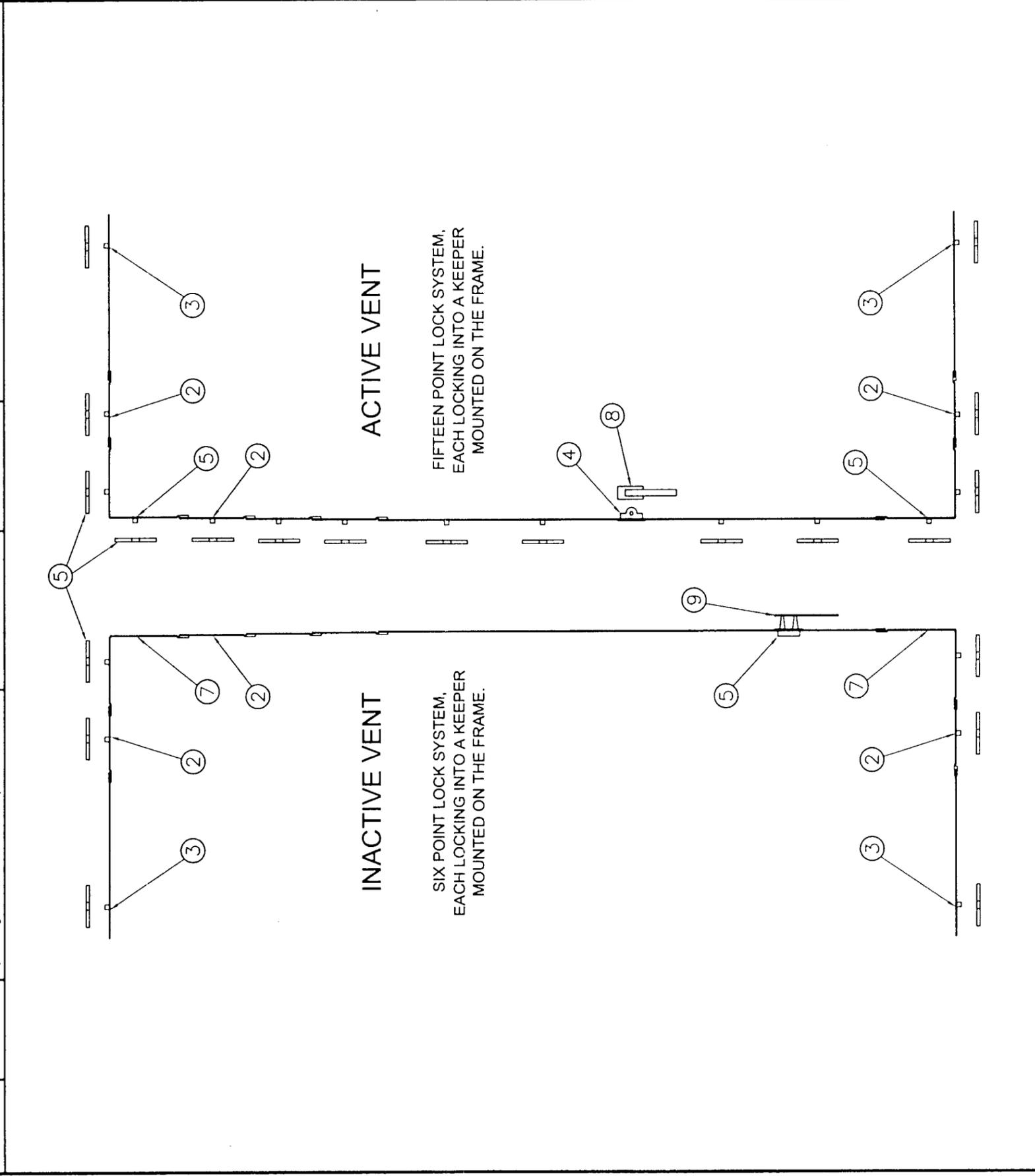
By: *[Signature]*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE

DATE July 06, 2009

By: *[Signature]*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0417-04

PART #	QTY.	DESCRIPTION	MATERIAL	DIMENSION	LOCATION
1	21	FERCO, keeper no. 6-27522-00-0-3	Bi-Chromated steel	N/A	ACTIVE SASH: 3 on top rail, 3 on bottom rail, and 9 on center stile. INACTIVE SASH: 3 on top rail and 3 on bottom rail.
2	6	FERCO, extension arm without bolt no. 8-00650-00-0-3	Bi-Chromated steel	N/A	ACTIVE SASH: 1 on top rail, 1 on bottom rail, and 1 on center stile. INACTIVE SASH: 1 on top rail, 1 on bottom rail, and 1 on center stile.
3	4	FERCO, extension arm with bolt no. 6-26295-00-0-3	Bi-Chromated steel	N/A	ACTIVE SASH: 1 on top rail and 1 on bottom rail. INACTIVE SASH: 1 on top rail and 1 on bottom rail.
4	1	FERCO, Locking cam mechanism no. 6-27459-00-0-3	Bi-Chromated steel	N/A	On ACTIVE SASH, 1 on center stile.
5	1	FERCO, Locking mechanism no. 6-24976-08-0E3	Bi-Chromated steel	N/A	On INACTIVE SASH, 1 on center stile.
6	2	FERCO, Transmission corner no. 6-27459-00-0-3	Bi-Chromated steel	N/A	On ACTIVE SASH, 1 on top corner and 1 on bottom corner.
7	2	FERCO, Transmission corner no. 6-24062-00-0-3	Bi-Chromated steel	N/A	On INACTIVE SASH, 1 on top corner and 1 on bottom corner.
8	1	FERCO, Lever type Handle (surface mounted)	Depends on handle style	N/A	On ACTIVE SASH, 1 on center stile. Its height from the bottom of the sash may vary
9	1	FERCO, Lever type Handle (astragale side mounted)	Bi-Chromated steel	N/A	On INACTIVE SASH, 1 on center stile.



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

SERIES 70/83 & 70/114  
OUTSWING WOOD DOORS  
LOCKING MECHANISM  
METRO DADE COUNTY  
IMPACT RESISTANT  
PA201, PA202 & PA203

Drawing no.: MQF70-3out

Scale: NONE	Drawn by: E. Fortin
Date drawn: 08/05/98	Date revised: 03/15/00
File: 3out_lock.dwg	Page: 16/19

ENGINEER:

PRODUCT REVIEWED  
ACCEPTANCE NO. 02-0129.07  
DATE REVIEWED: FEBRUARY 8, 2007  
BY: [Signature]  
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE: July 06, 2000  
BY: [Signature]  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0417.04



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

**SERIES 70/83 & 70/114**  
**WOOD WINDOW & DOORS**  
CORNER CONSTRUCTION  
METRO DADE COUNTY  
IMPACT RESISTANT  
PA201, PA202 & PA203

Drawing no.: MQF70-3out

Scale: NONE Drawn by: E. Fortin

Date drawn: 08/07/98 Date revised: 03-15-00

File: 70\_corner.dwg Page: 17/19

ENGINEER:

**PRODUCT RENEWED**

ACCEPTANCE No. 02-0129.07

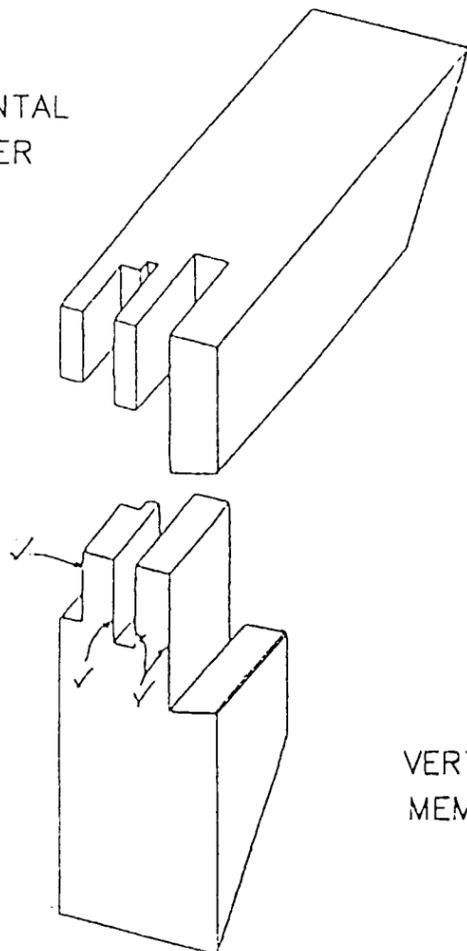
EXPIRATION DATE FEBRUARY 8, 2007

By: *[Signature]*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE

DATE July 06, 2000  
BY *[Signature]*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0417.04

HORIZONTAL MEMBER



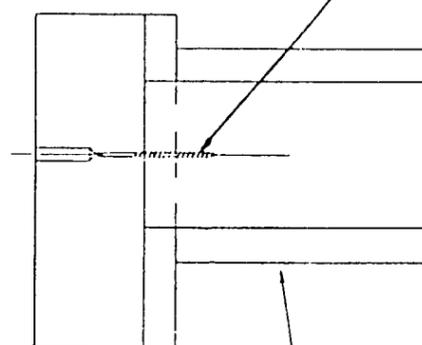
VERTICAL MEMBER

GLUED FACES (1)

MULTI-FORKS ASSEMBLY

NOTE: ALL FRAME CORNERS

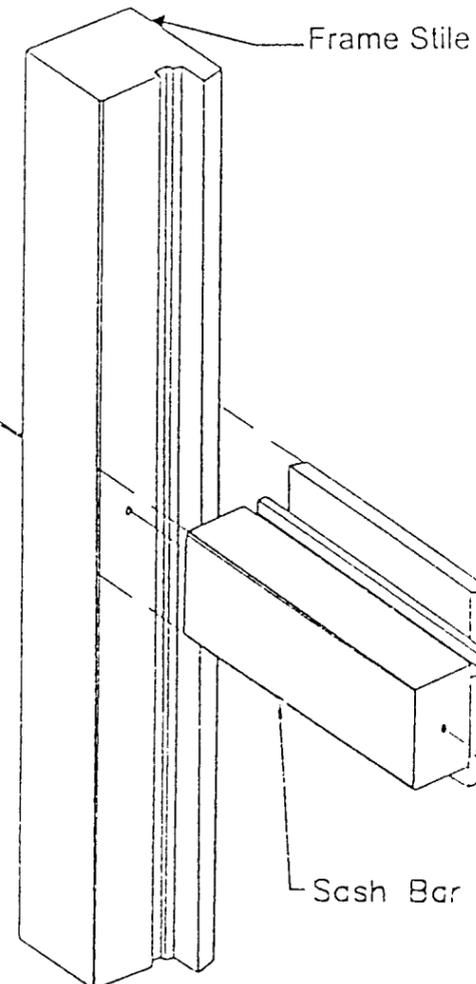
ELEVATION  
Inside View



Sash Bar

SASH BARS ASSEMBLY

NOTE: SQUARE CUT AND SCREWED



Frame Stile

Sash Bar

PART #	QTY.	DESCRIPTION	MATERIAL	DIMENSION	LOCATION
1	As needed	Resibois 222 no. 30222-01 type 1 exterior wood glue	Glue	N/A	At shown interfaces.
2	2 per muntin bar	F.H. Wood screw	Galvanized steel	#14 x 2-1/2 in.	Through the frame stile to the center of the sash bar.



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

SERIES 70/83 & 70/114  
OUTSWING WOOD DOORS  
GLAZING METHOD  
METRO DADE COUNTY  
IMPACT RESISTANT  
PA201, PA202 & PA203

Drawing no.: MQF70-3out

Scale: 1.5=1	Drawn by: E. Fortin
Date drawn: 11/10/98	Date revised: 03/15/00
File: 3out_glaze.dwg	Page: 18/19

ENGINEER:

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2-20-02  
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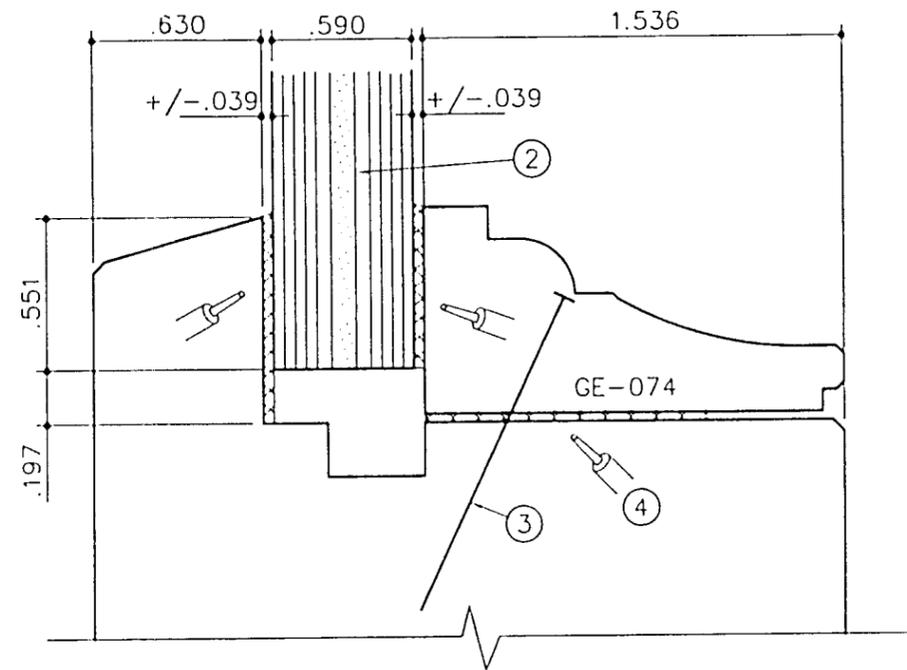
PRODUCT RENEWED

ACCEPTANCE NO. 02-0129-07

EXPIRATION DATE FEBRUARY 8, 2007

By: *[Signature]*  
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE July 06, 2009  
By: *[Signature]*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0417-04



WITH LAMINATED GLASS

TABLE 2:

TYPE OF GLASS	MAX. PERI. (in.)	MAX. AREA (sq.ft.)
<b>2</b> G2: LAMINATED GLASS, Saflex .090 1/4 cl. an. + 0.090 + 1/4 cl. an.	312	23.0

PART #	QTY.	DESCRIPTION	MATERIAL	DIMENSION	LOCATION
<b>2</b>	1	Impact resistant Laminated glass	1/4 in. Annealed glass both sides of 0.090 in. Saflex interlayer.	0.551 in. Glass bite Refer to Table 2	3/16 in. from glass rebate
<b>3</b>	Depends on frame size.	SENCO, nails	Galvanized steel	1-1/4 in. gauge 16	2 in. from corners & 10 in. o/c.
<b>4</b>	As needed.	Dow Corning 995 Silicone Structural Adhesive	Silicone	N/A	At shown interfaces.
GE-074	1 per glass edge.	Glazing bead (for 1/2 in. glass thickness)	Mahogany wood	3/4 in. x 1-1/2 in.	Nailed through sash frame at the glass perimeter



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

**SERIES 70/83 & 70/114  
OUTSWING WOOD DOORS  
GLAZING METHOD**

METRO DADE COUNTY  
IMPACT RESISTANT  
PA201, PA202 & PA203

Drawing no.: MQF70-3out

Scale: 1.5=1	Drawn by: E. Fortin
Date drawn: 08/07/98	Date revised: 03/15/00
File: 3out_panel.dwg	Page: 19/19

ENGINEER:

**PRODUCT RENEWED**

ACCEPTANCE NO. 02-0129.07

EXPIRATION DATE FEBRUARY 8, 2007

By *[Signature]*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE

DATE July 06, 2009

BY *[Signature]*

PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

ACCEPTANCE NO. 00-0417.04

NOTE: The perimeter of each solid Mahogany wood panel is trimmed to an overall thickness of 1 in.

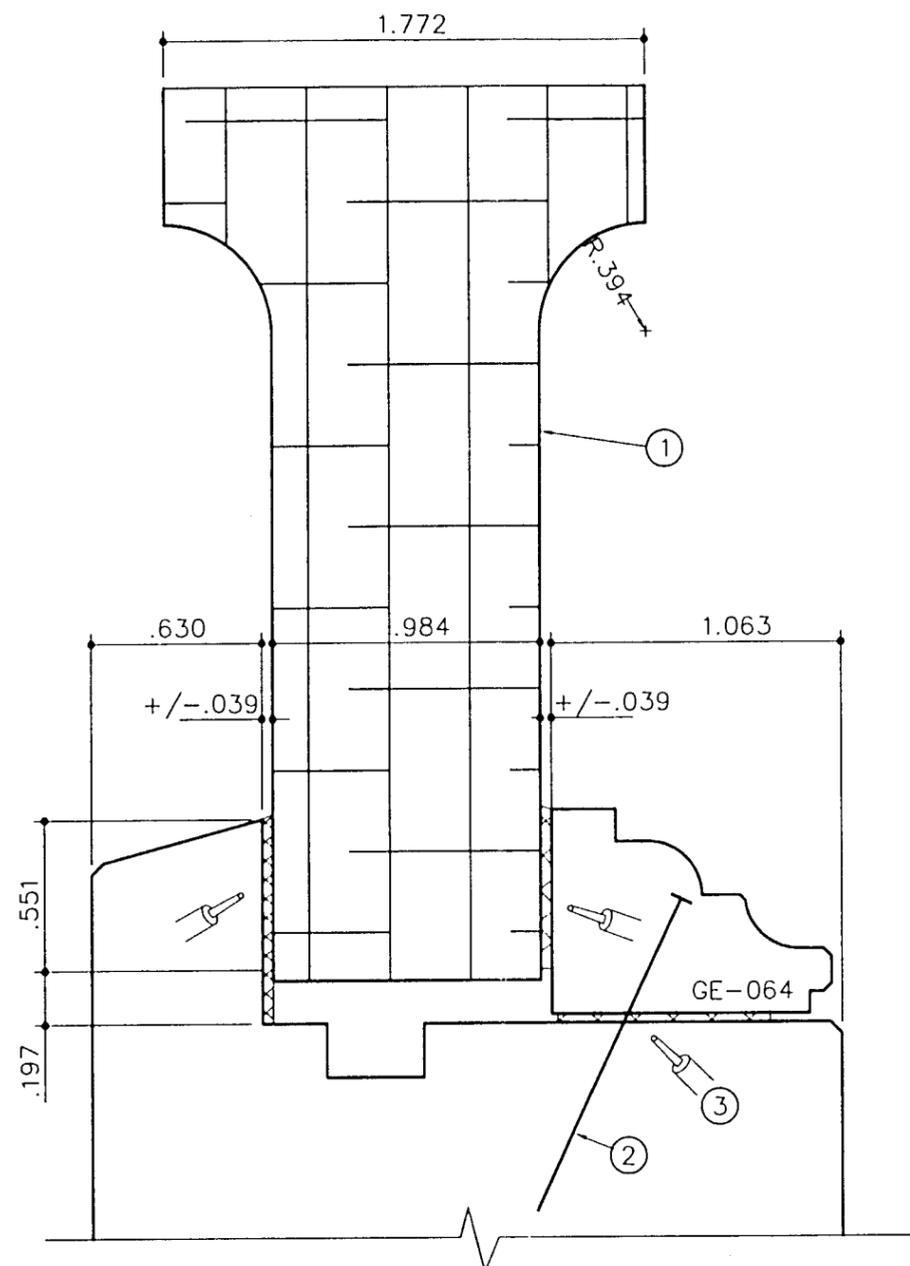


TABLE 3:

TYPE OF GLASS	MAX. PERI. [in.]	MAX. AREA [sq.ft.]
WP: 1 3/4 RAISED WOOD PANEL	151 1/8	8.83

PART #	QTY.	DESCRIPTION	MATERIAL	DIMENSION	LOCATION
1	1	MQ, Raised Wood Panel	Mahogany Wood	1-3/4 in. thick. Refer to Table 3	3/16 in. from glass rebate
2	Depends on frame size.	SENCO, Nails	Galvanized steel	1-1/4 in. gauge 16	2 in. from corners & 10 in. o/c.
3	As needed.	Dow Corning 995 Silicone Structural Adhesive	Silicone	N/A	At shown interfaces.
GE-064	1 per panel edge.	MQ, Glazing bead (for 1 in. glass thickness or for wood panel)	Mahogany wood	3/4 in. x 1/2 in.	Nailed through sash frame at glass/wood panel perimeter