



**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)

**MQ Windows, Inc.
4508 rte 117
Ste-Agathe-des Monnts, Qc Canada J8Z 2C 8**

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "70/83 & 70/114" Inswing Mahogany Wood French Doors-Impact Resistant

APPROVAL DOCUMENT: Drawing No. MQF70-3in, titled "S70/83 AND S70/114 Inswing Wood Doors", sheets 1 through 19, prepared by manufacturer, dated 4/4/00, 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 and Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **renews NOA # 00-0417.03** and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Theodore Berman, P.E.**



**NOA No 02-0129.10
Expiration Date: February 22, 2007
Approval Date: August 1, 2002
Page 1**

4-4-00



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

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

METRO DADE COUNTY
IMPACT RESISTANT
PA201, PA202 & PA203

Drawing no.: MQF70-3in

Scale: NONE	Drawn by: E. Corbeil
Date drawn: 07/28/97	Date revised: 03/15/00
File: Dade3in_1.dwg	Page: 1/19

ENGINEER:

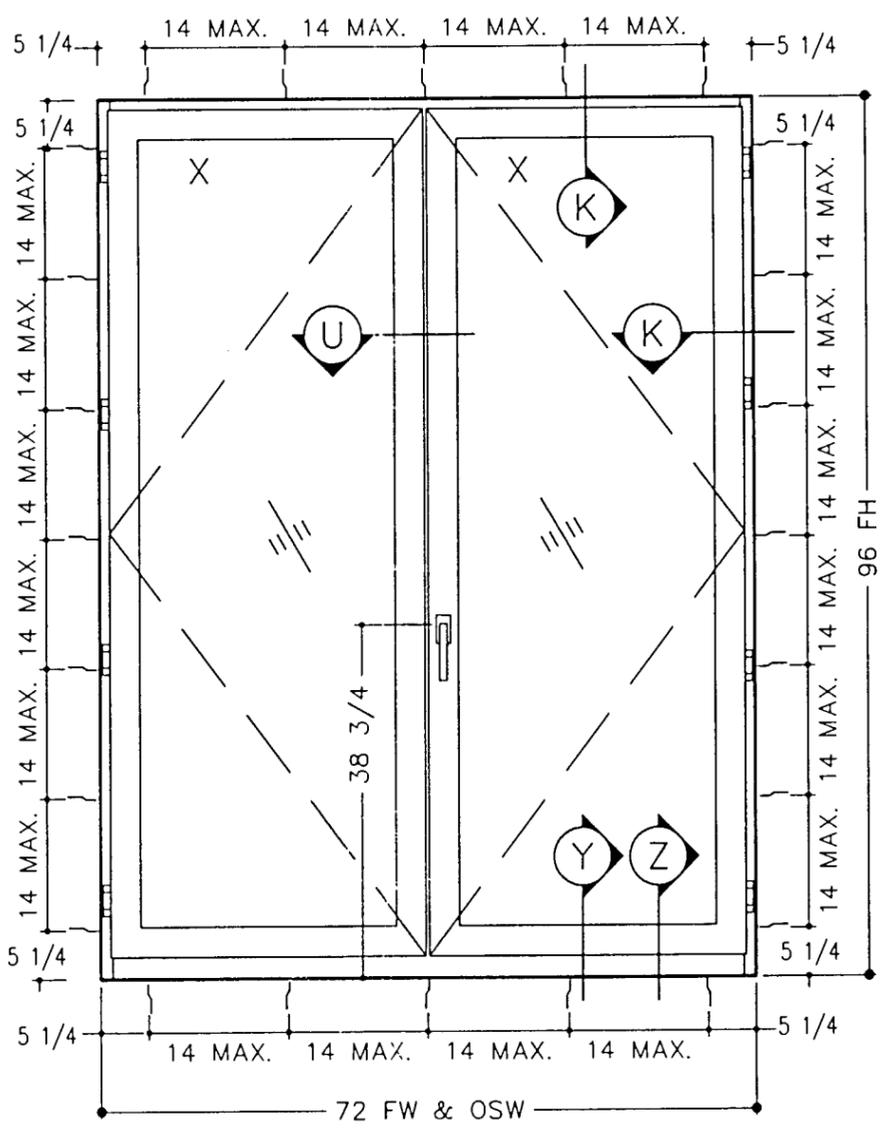
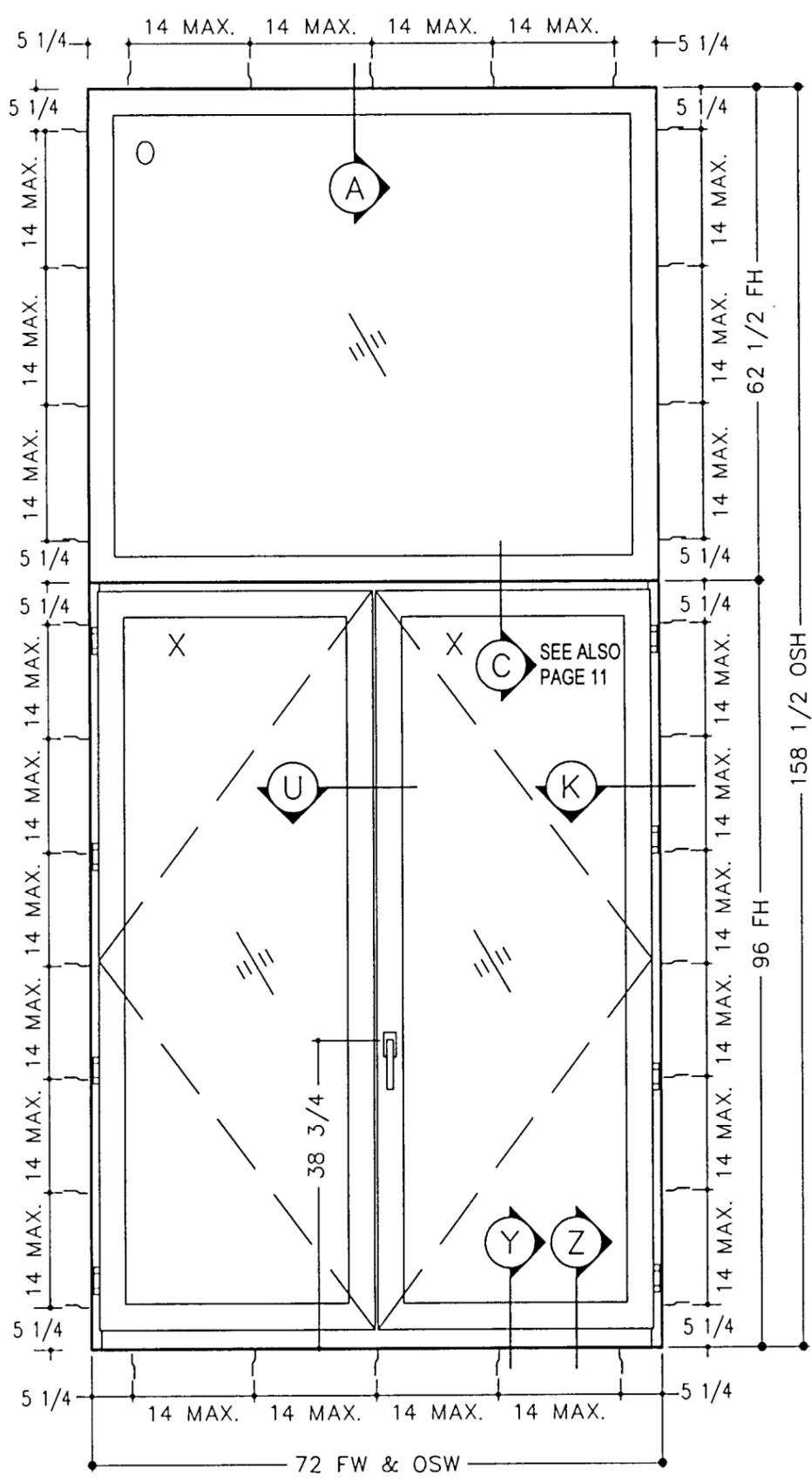
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 02-0129.10
Expiration Date February 23, 2007
By *Blondie Roman*
Miami Dade Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE *July 26, 2000*
BY *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. *00-0417.03*

TYPE OF GLASS	MAX. PERI. [in.]	MAX. AREA [sq.ft.]
G1: SAFETY PLUS GLASS, 5/32 cl an. -.060 polyester resin-.010 PET film -.060 polyester resin - 5/32 cl an.	312	26.3
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 INSIDE

**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.
— 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 1-3/4" screws

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

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

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

4-4-00

00-0417.03

VIEWED FROM THE INSIDE

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

TYPE OF GLASS	MAX. PERI. [in.]	MAX. AREA [sq.ft.]
G1: SAFETY PLUS GLASS, 5/32 cl an. -.060 polyester resin-.010 PET film -.060 polyester resin - 5/32 cl an.	312	26.3
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
 INSWING
 WOOD DOORS

METRO DADE COUNTY
 IMPACT RESISTANT
 PA201, PA202 & PA203

Drawing no.: MQF70-3in

Scale: NONE	Drawn by: E. Corbeil
Date drawn: 07/28/97	Date revised: 03/15/00
File: Dade3in_2.dwg	Page: 2/19

ENGINEER:

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No 02-0129.10
 Expiration Date February 23, 2007

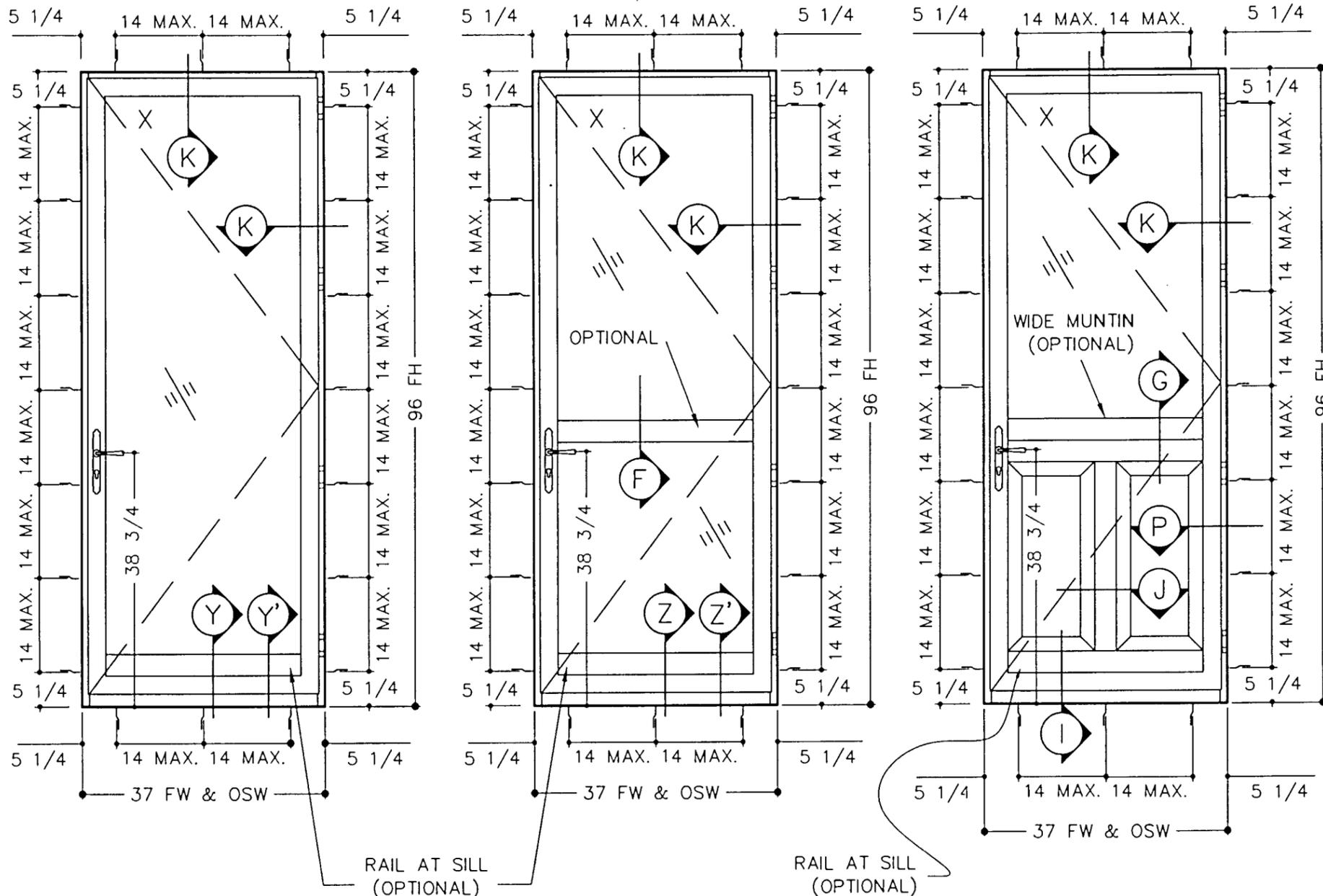
By *Blasdel Roman*
 Miami Dade Product Control
 Division

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE *July 06, 2000*
 BY *Manuel Perez*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. *00-0417-03*

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.

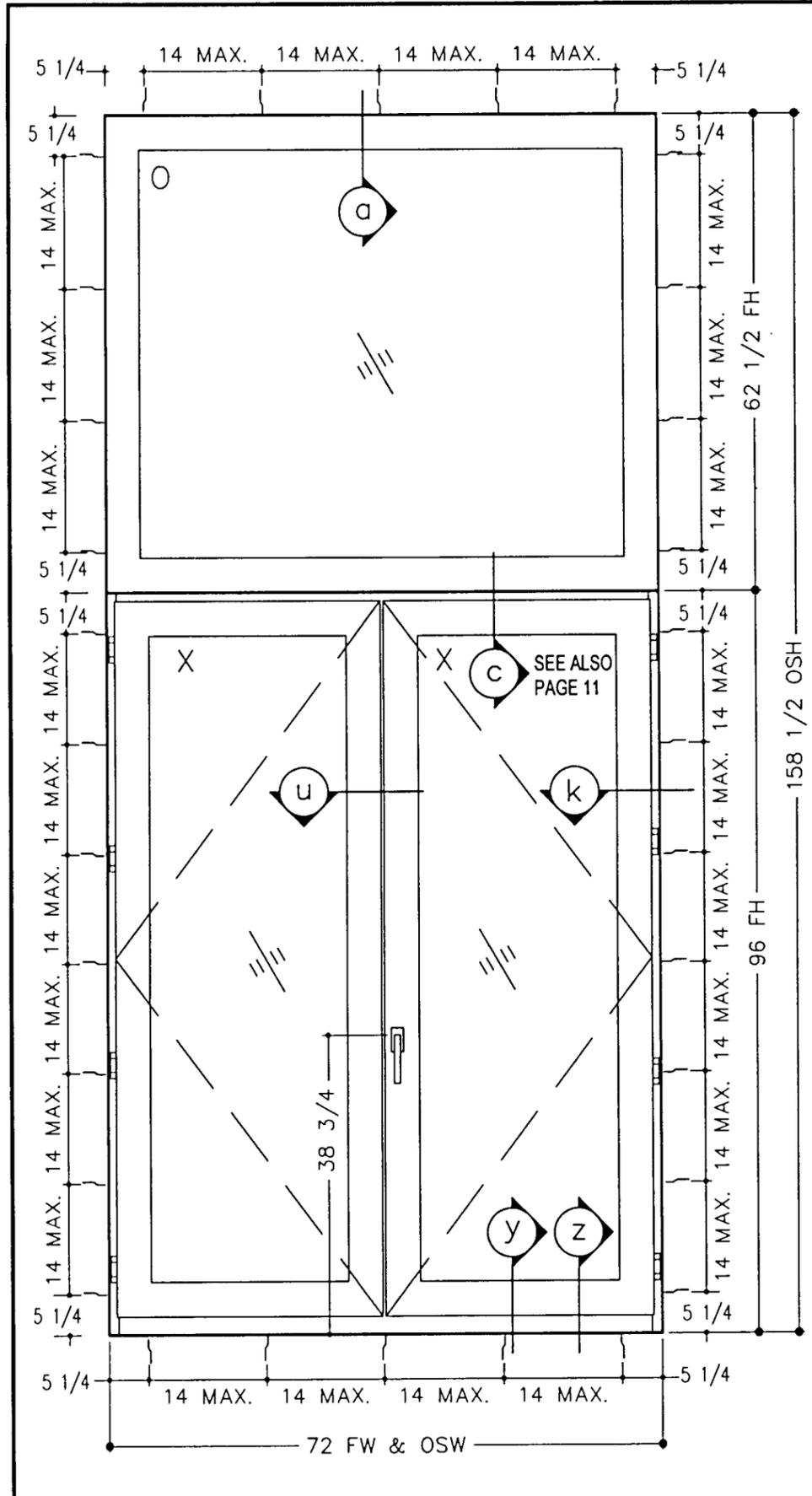
ANCHOR FASTENERS
 — Steel Bracket PDF-FS-05
 Screwed to the buck frame and
 to the door frame with #10 x
 1-3/4 in. flat head screws
 Min. embedment is 1-1/2 in.
 — Screwed through the door
 frame to the buck frame with
 #14 x 3 in. flat head screws.
 Min. embedment is 1-1/2 in.
 OPTIONAL: Directly screwed
 through the frame and through
 the masonry with 1/4" x 3"
 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/ MAT. DIST. DIST.
 SASH FROM O/C
 CORNER MAX.
 2 SS 6 1/8" 27"



4-4-00

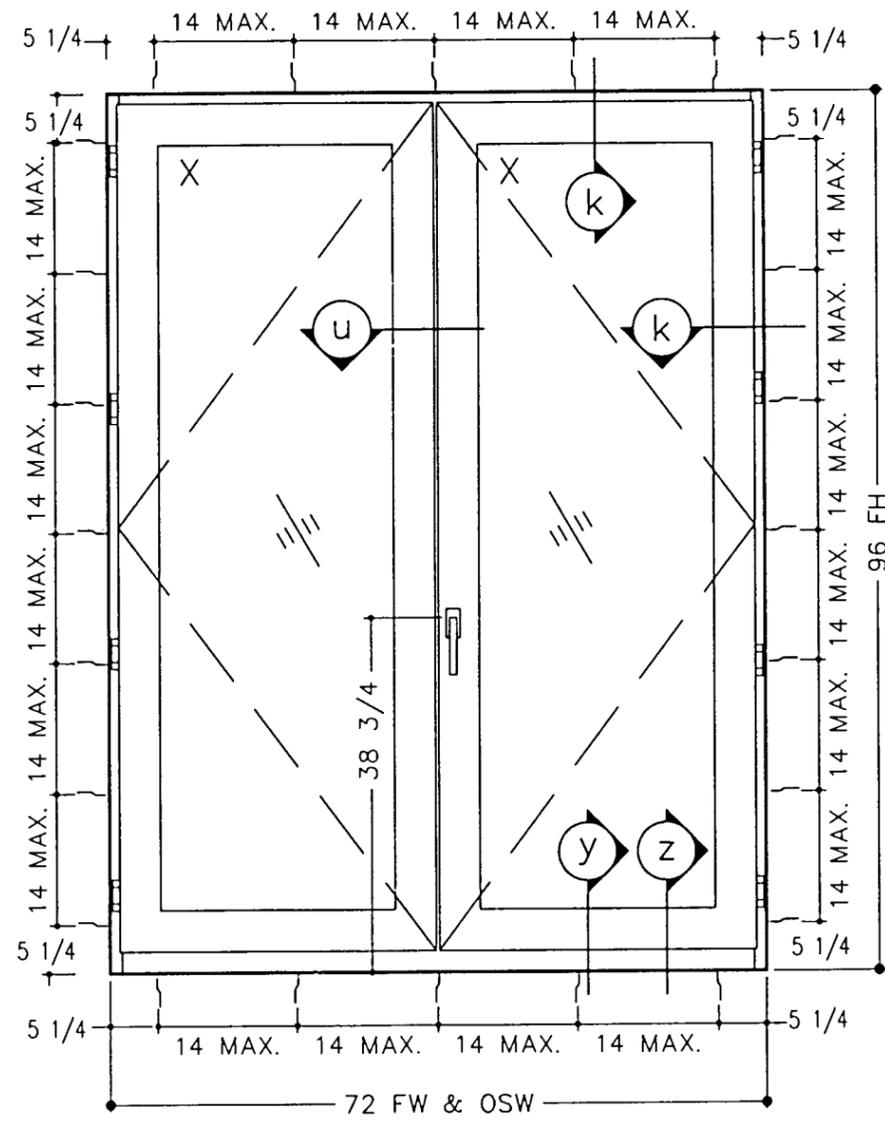
4-4-00



TYPE OF GLASS	MAX. PERI. [in.]	MAX. AREA [sq.ft.]
G1: SAFETY PLUS GLASS, 5/32 cl. on. -.060 polyester resin-.010 PET film -.060 polyester resin - 5/32 cl. on.	312	26.3
G2: LAMINATED GLASS, Saflex .090 1/4 cl. on.+ 0.090 +1/4 cl. on.	312	23.0
WP: 1 3/4 RAISED WOOD PANEL	151 1/8	8.83

VIEWED FROM THE INSIDE

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
INSWING
WOOD DOORS**

METRO DADE COUNTY
IMPACT RESISTANT
PA201, PA202 & PA203

Drawing no.: MQF70-3in

Scale: NONE	Drawn by: E. Corbeil
Date drawn: 07/28/97	Date revised: 03/15/00
File: Dade3in_3.dwg	Page: 3/19

ENGINEER:

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 02-0129-10
Expiration Date February 22, 2007
By Clarence Loman
Miami Dade Product Control Division

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE July 06 2000
BY Manuel...
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0417-03

4-4-00

VIEWED FROM THE INSIDE

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

TYPE OF GLASS	MAX. PERI. [in.]	MAX. AREA [sq.ft.]
G1: SAFETY PLUS GLASS, 5/32 cl an. -.060 polyester resin-.010 PET film -.060 polyester resin - 5/32 cl an.	312	26.3
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
INSWING
WOOD DOORS

METRO DADE COUNTY
IMPACT RESISTANT
PA201, PA202 & PA203

Drawing no.: MQF70-3in

Scale: NONE	Drawn by: E. Corbeil
Date drawn: 07/28/97	Date revised: 03/15/00
File: Dade3in_4.dwg	Page: 4/19

ENGINEER:

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 02-0129-10
Expiration Date February 26, 2007
By: Glennore Korman
Miami Dade Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE: July 06, 2000
BY: Manuel Cruz
PROJECT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0417-03

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"
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.

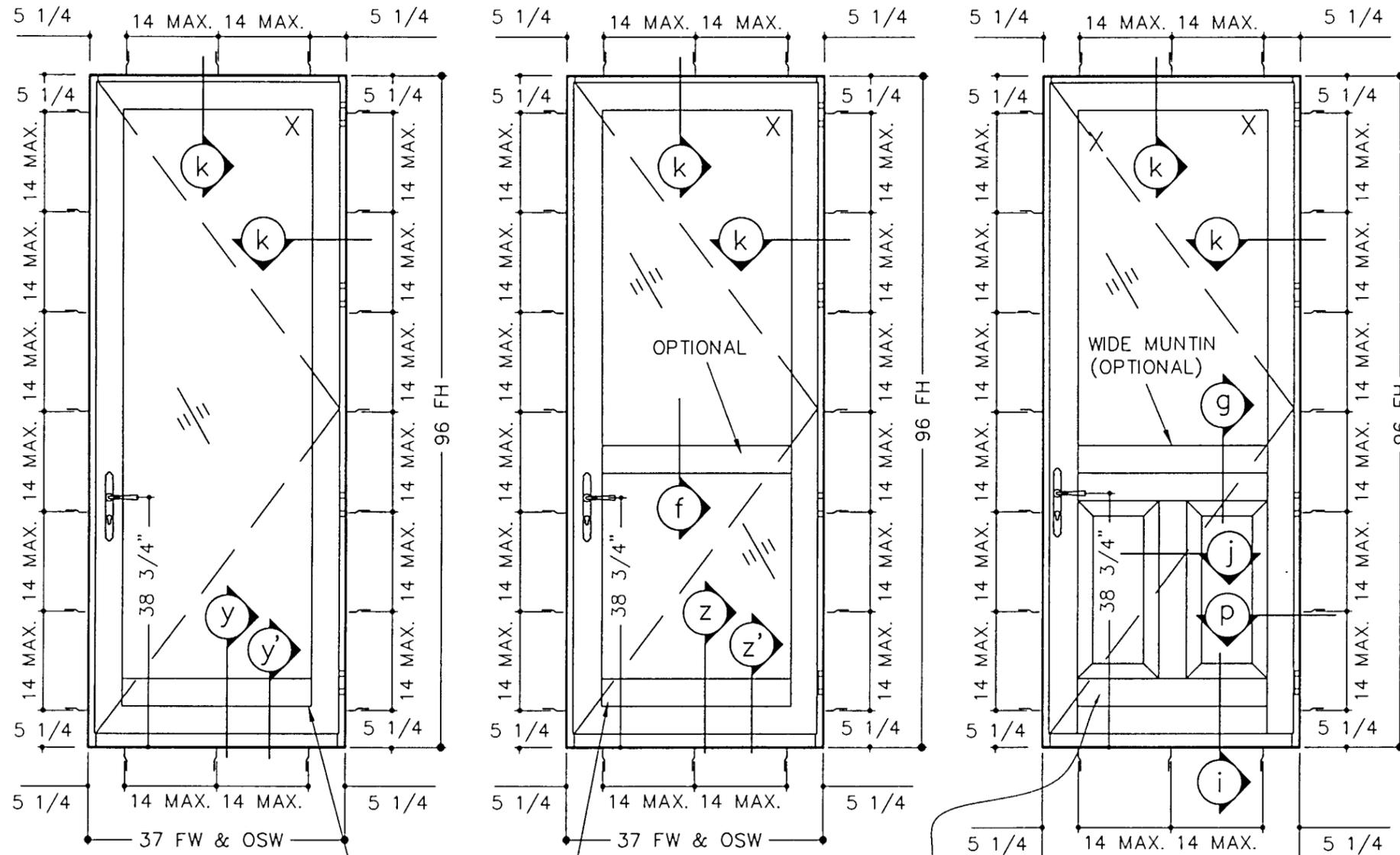
SHIM SPACE:
1/4 IN. @ JAMBS, HEAD & SILL

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



4-4-00



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

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

METRO DADE COUNTY
IMPACT RESISTANT
PA201, PA202 & PA203

Drawing no.: MQF70-3in

Scale: NONE	Drawn by: E. Corbeil
Date drawn: 07/28/97	Date revised: 03/15/00
File: Dade3in_5.dwg	Page: 5/19

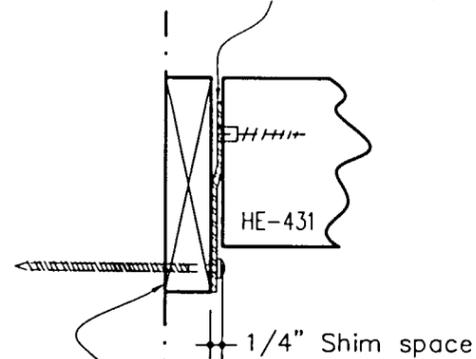
ENGINEER:

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 02-029.10
Expiration Date February 22, 2007

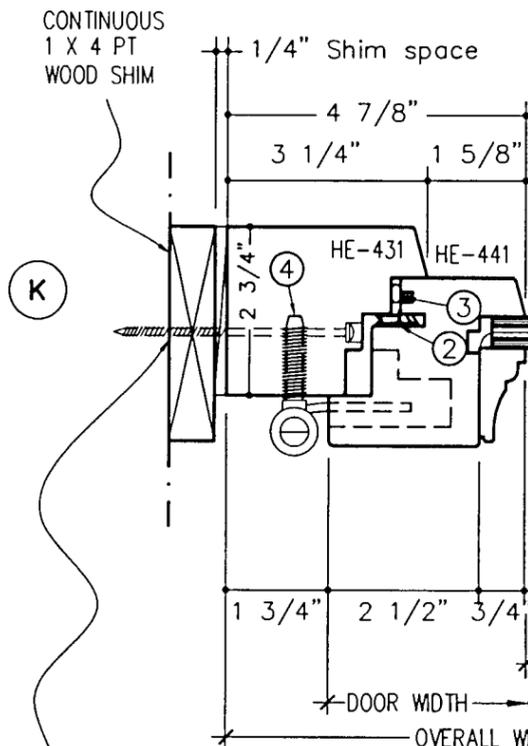
By Eduardo Barran
Miami Dade Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE July 06, 2000
BY Manuel...
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0417-03

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"



CONTINUOUS
1 X 4 PT
WOOD SHIM

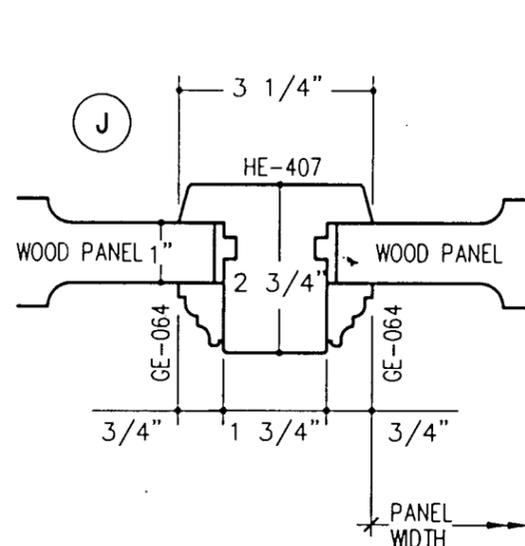


Directly screwed through
the frame to the
masonry with 1/4" x 3"
Tapcon screw. Minimum
embedment is 1-1/2 in.

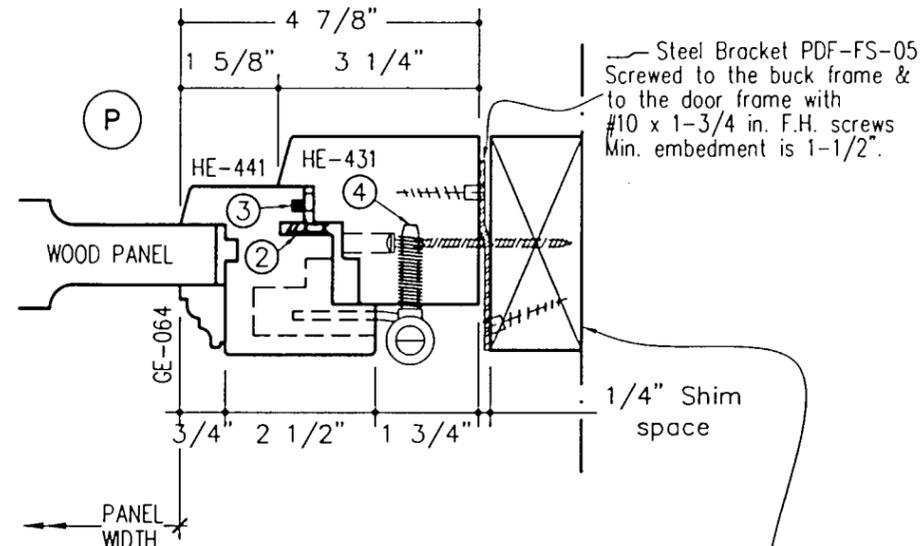
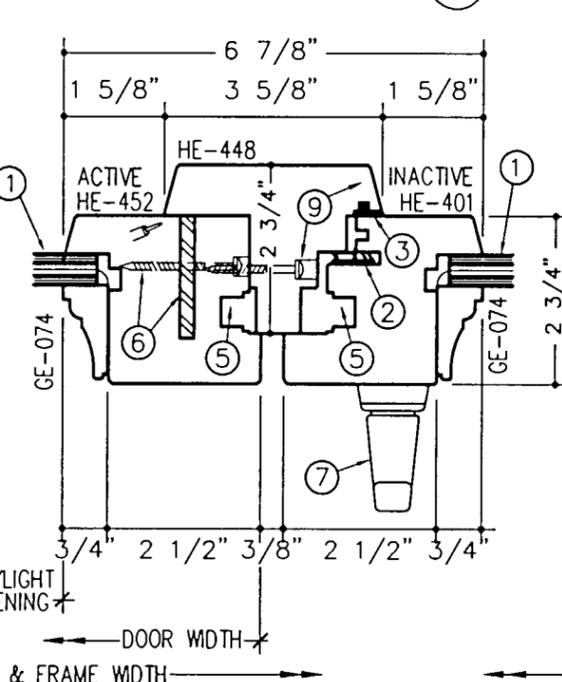
NOTES:

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

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

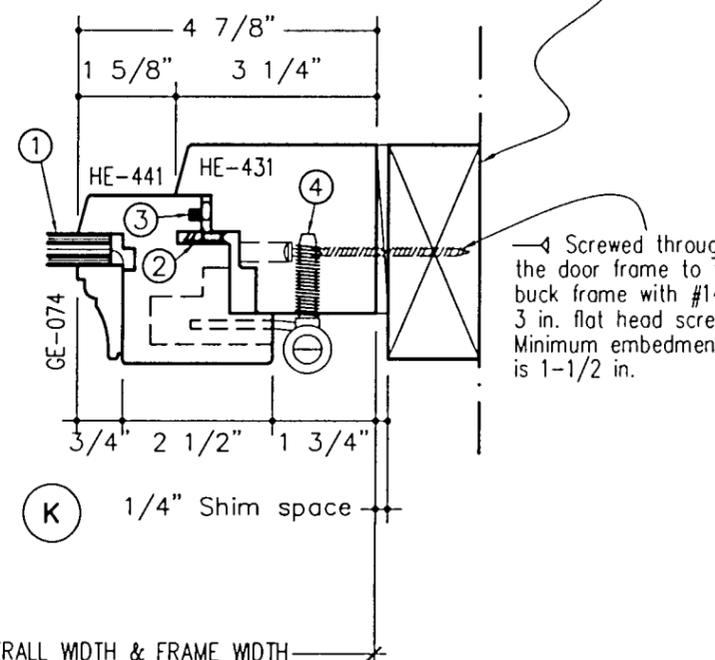


FOR DOORS UP TO 96" FRAME HEIGHT



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"

2 X 4 PT
WOOD BUCK



Screwed through
the door frame to the
buck frame with #14 x
3 in. flat head screws.
Minimum embedment
is 1-1/2 in.

- ① IMPACT RESISTANT GLASS
G1: SAFETY PLUS GLASS; 5/32 cl. an., .060 polyester resin, 010 PET film, .060 polyester resin, 5/32 cl. an.
G2: LAMINATED GLASS; 1/4" cl. an., 0.090" SAFLEX PVB, 1/4" cl. an.
- ② EPDM MIDDLE GASKET L5150
- ③ EPDM EXTERIOR GASKET WD111
- 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 ASTRAGAL WOOD PROFILE HE-448, ATTACHED TO THE INACTIVE SASH WITH #8 X 1-1/12" 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
INSWING
WOOD DOORS**

METRO DADE COUNTY
IMPACT RESISTANT
PA201, PA202 & PA203

Drawing no.: MQF70-3in

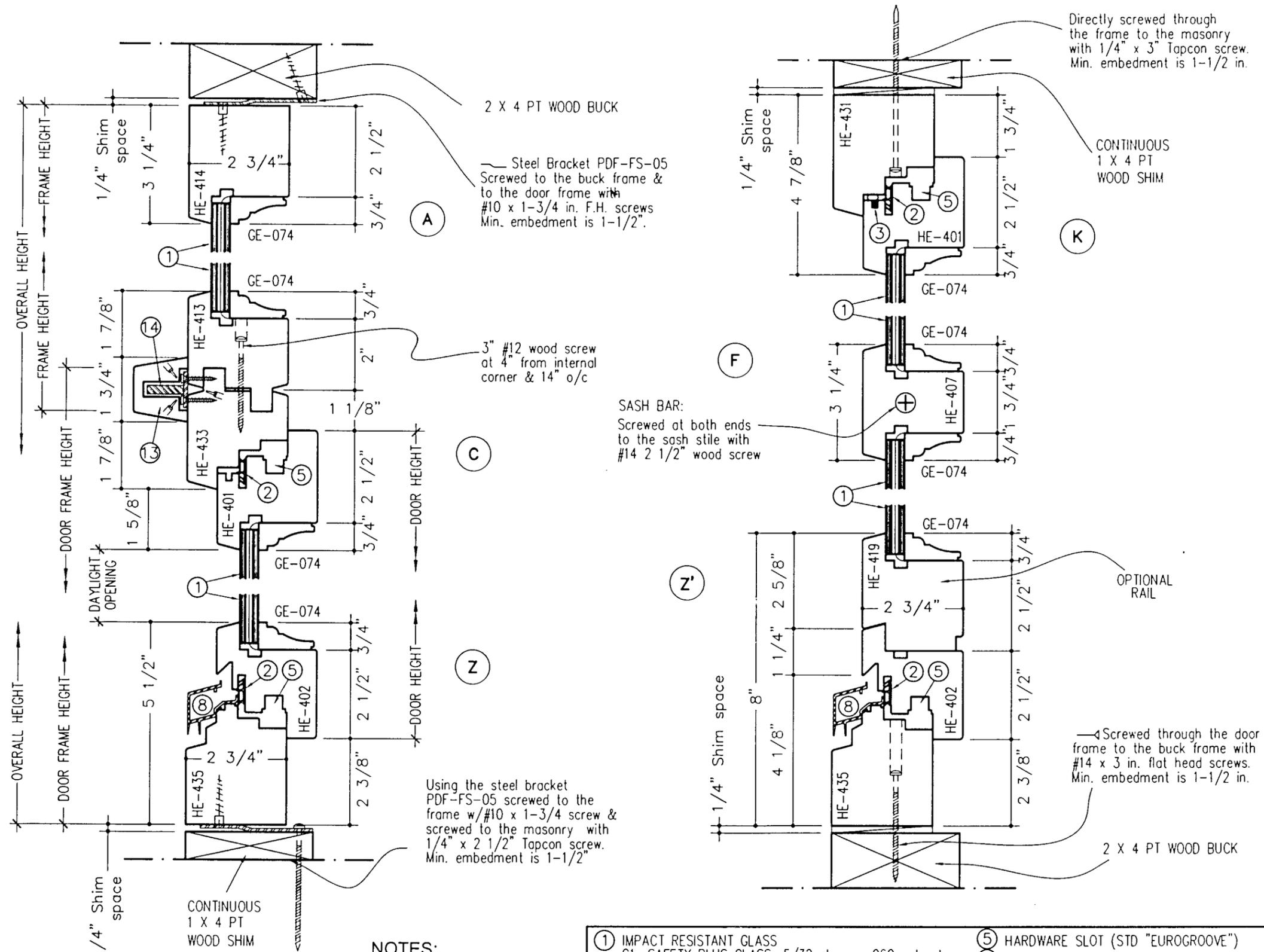
Scale: NONE	Drawn by: E. Corbeil
Date drawn: 07/28/97	Date revised: 03/15/00
File: Dade3in_6.dwg	Page: 6/19

ENGINEER:

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 02-0129.10
Expiration Date February 22, 2007

By *Glenn Berman*
Miami Dade Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE *July 06, 2000*
BY *Manuel...*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. *00-0417-03*



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
G1: SAFETY PLUS GLASS; 5/32 cl. an., .060 polyester resin, 010 PET film, .060 polyester resin, 5/32 cl. an.
G2: LAMINATED GLASS; 1/4" cl. an., 0.090" SAFLEX PVB, 1/4" cl. an.
- ② EPDM MIDDLE GASKET L5150
- ③ EPDM EXTERIOR GASKET WD111
- ④ CLEAR "SPECTREM 2" SILICONE SEALANT AT SHOWN INTERFACES
- ⑤ HARDWARE SLOT (STD "EUROGROOVE")
- ⑧ ALUMINUM RAINGUARD FS15S
- 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".



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

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

METRO DADE COUNTY
IMPACT RESISTANT
PA201, PA202 & PA203

Drawing no.: MQF70-3in

Scale: NONE Drawn by: E. Corbell

Date drawn: 11/10/97 Date revised: 03/15/00

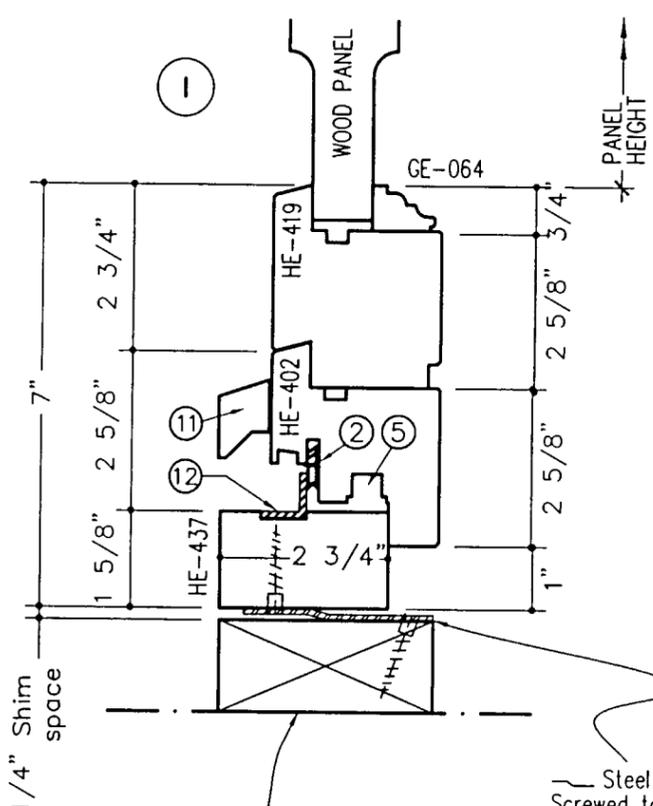
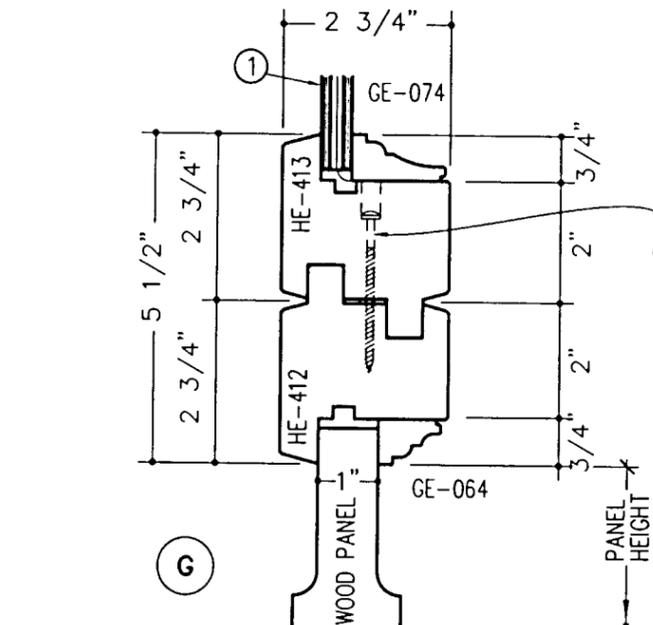
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ENGINEER:

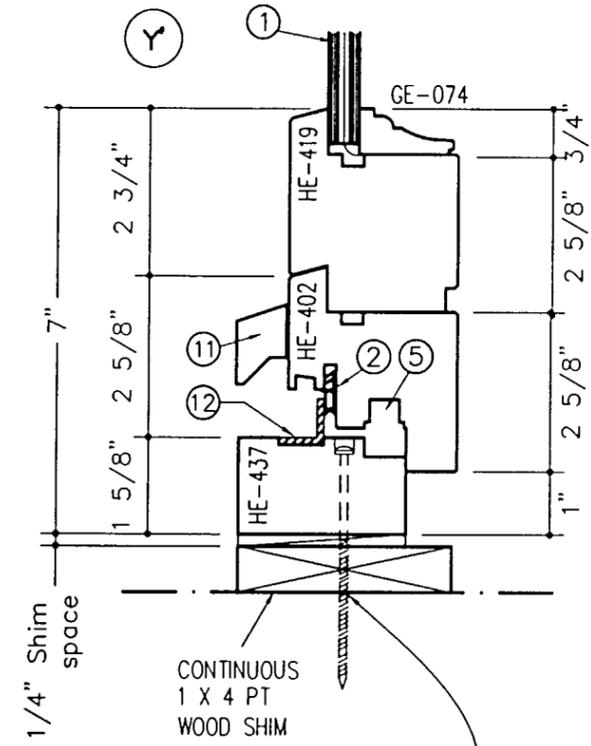
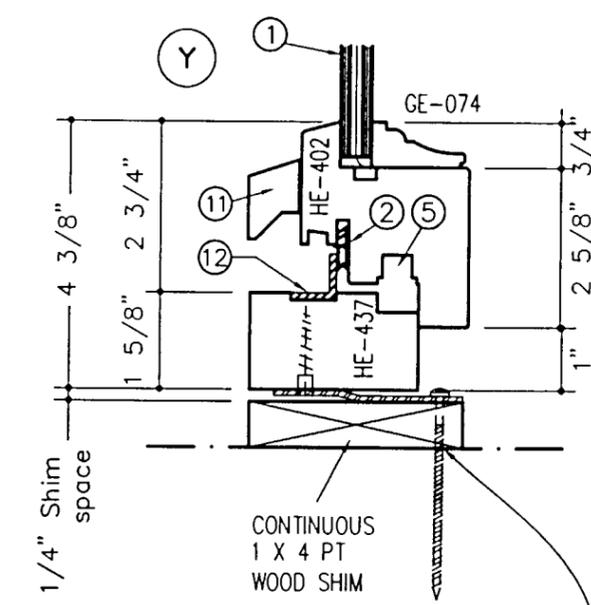
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 02-0129.10
Expiration Date February 24, 2007

By Cleveland Roman
Miami Dade Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE July 06, 2000
BY Manuel M...
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0417-03



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

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".

- ① IMPACT RESISTANT GLASS
G1: SAFETY PLUS GLASS; 5/32 cl. an., .060 polyester
resin, 010 PET film, .060 polyester resin, 5/32 cl. an.
G2: LAMINATED GLASS; 1/4" cl. an.,
0.090" SAFLEX PVB, 1/4" cl. an.
- ② EPDM MIDDLE GASKET L5150
- ③ HARDWARE SLOT (STD "EUROGROOVE")
- ④ WOODEN WATERDRIP ZE-130
- ⑤ ALUMINUM ANGLE (3/4"x 3/4"x 1/8")
- ⑥ CLEAR "SPECTREM 2" SILICONE
SEALANT AT SHOWN INTERFACES



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

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

METRO DADE COUNTY
IMPACT RESISTANT
PA201, PA202 & PA203

Drawing no.: MQF70-3in

Scale: NONE
Drawn by: S. Marcotte

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

File: Dade3in_8.dwg
Page: 8/19

ENGINEER:

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 02-0129.10
Expiration Date February 22, 2007

By *Cherisse Bowman*
Miami Dade Product Control
Division

APPROVED AS COMPLYING WITH THE

SOUTH FLORIDA BUILDING CODE

DATE July 06, 2000

BY *Marcotte*

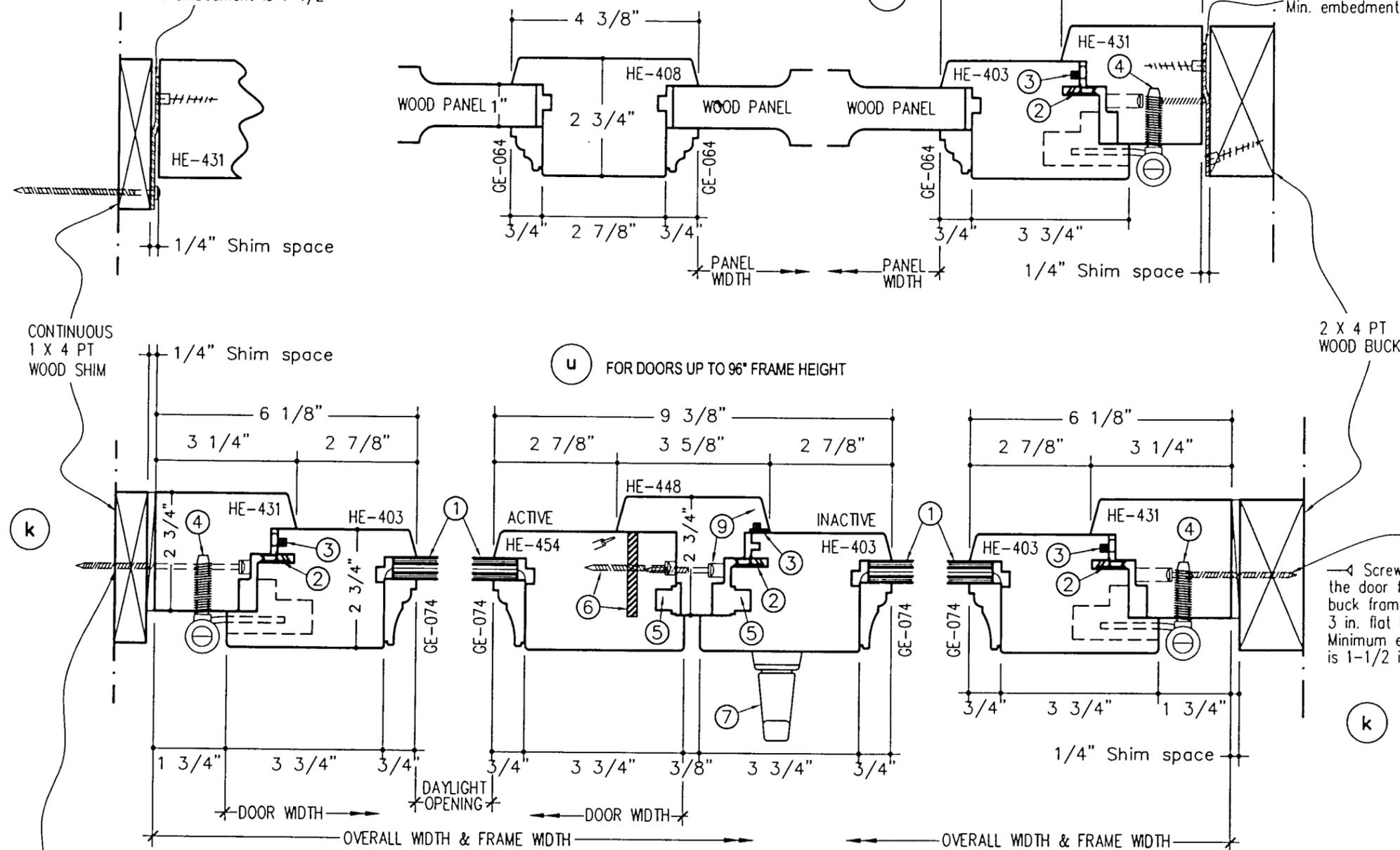
PRODUCT CONTROL DIVISION

BUILDING CODE COMPLIANCE OFFICE

ACCEPTANCE NO. 00-0417-03

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".



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
G1: SAFETY PLUS GLASS; 5/32 cl. an., .060 polyester resin, 010 PET film, .060 polyester resin, 5/32 cl. an.
G2: LAMINATED GLASS; 1/4" cl. an., 0.090" SAFLEX PVB, 1/4" cl. an.
 - ② EPDM MIDDLE GASKET L5150
 - ③ EPDM EXTERIOR GASKET WD111
 - 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
 - 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")
- CLEAR "SPECTREM 2" SILICONE SEALANT AT SHOWN INTERFACES



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

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

METRO DADE COUNTY
IMPACT RESISTANT
PA201, PA202 & PA203

Drawing no.: MQF70-3in

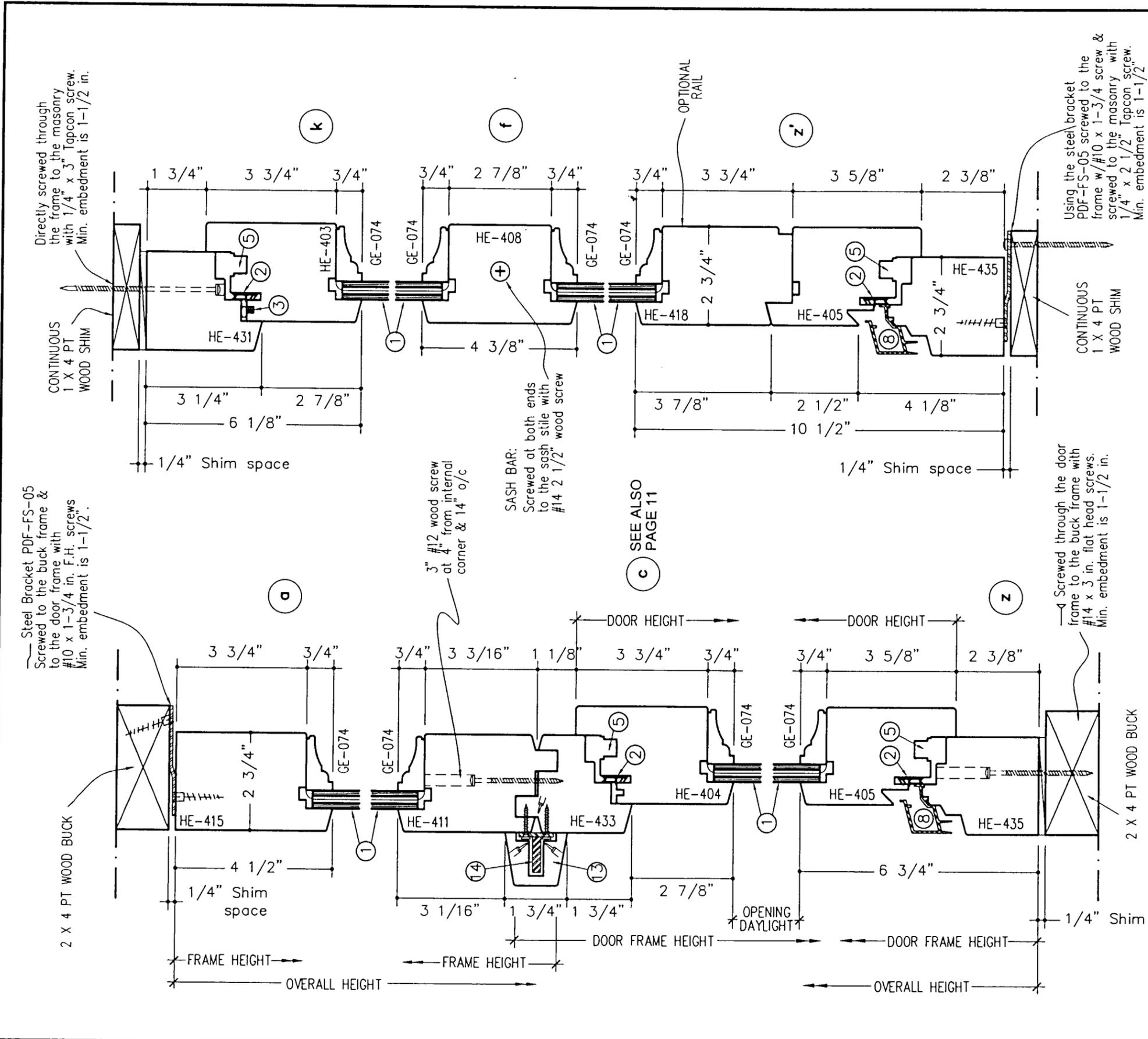
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Date drawn: 07/28/97	Date revised: 03/15/00
File: Dade3in_9.dwg	Page: 9/19

ENGINEER:

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 02-0129, 10
Expiration Date February 24, 2007
By *Alexandre Roman*
Miami Dade Product Control
Division

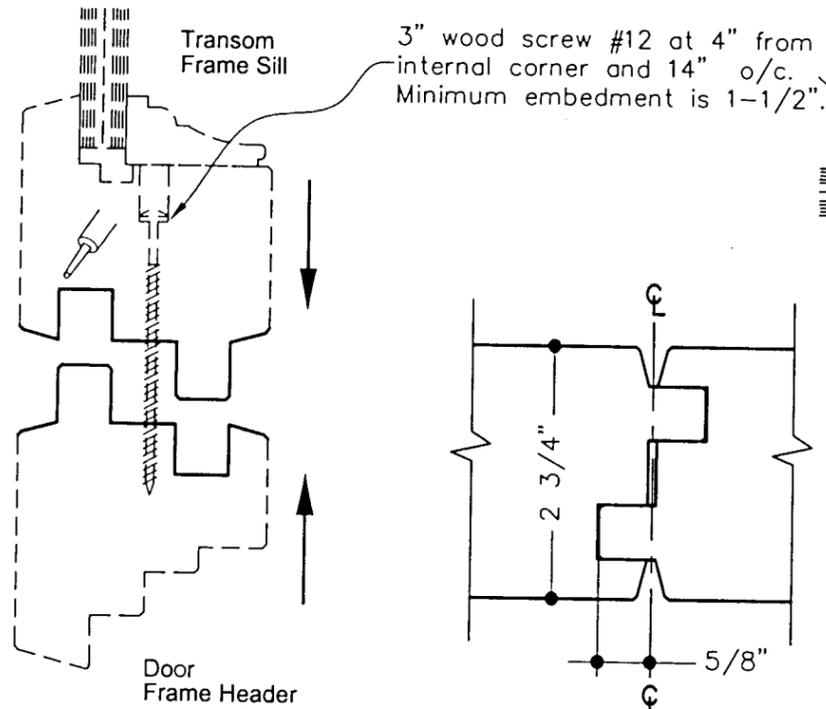
APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE *July 06, 2000*
BY *Manuel Perez*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. *00-0417-03*

- 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
 - G1: SAFETY PLUS GLASS, 5/32 cl. an., .060 polyester resin, 010 PET film, .060 polyester resin, 5/32 cl. an.,
 - G2: LAMINATED GLASS, 1/4" cl. an., 0.090" SAFLEX PVB, 1/4" cl. an.
 - ② EPDM MIDDLE GASKET L5150
 - ③ EPDM EXTERIOR GASKET WD111
 - ④ CLEAR "SPECTREM 2" SILICONE SEALANT AT SHOWN INTERFACES
 - ⑤ HARDWARE SLOT (STD "EUROGROOVE")
 - ⑧ ALUMINUM RAINGUARD FS155
 - 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".

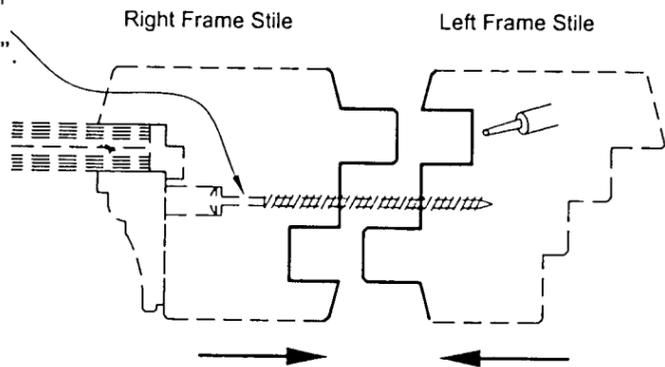


SEE ALSO
PAGE 11

HORIZONTAL MULLION



VERTICAL MULLION

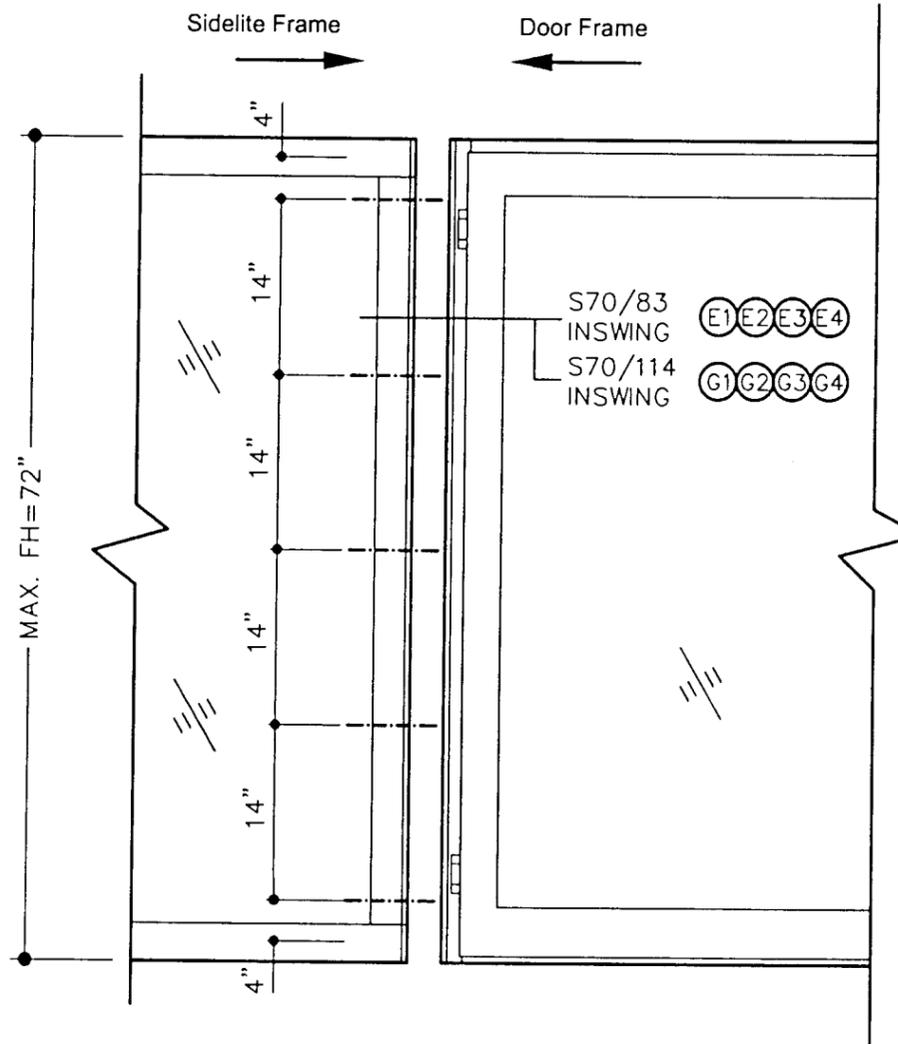
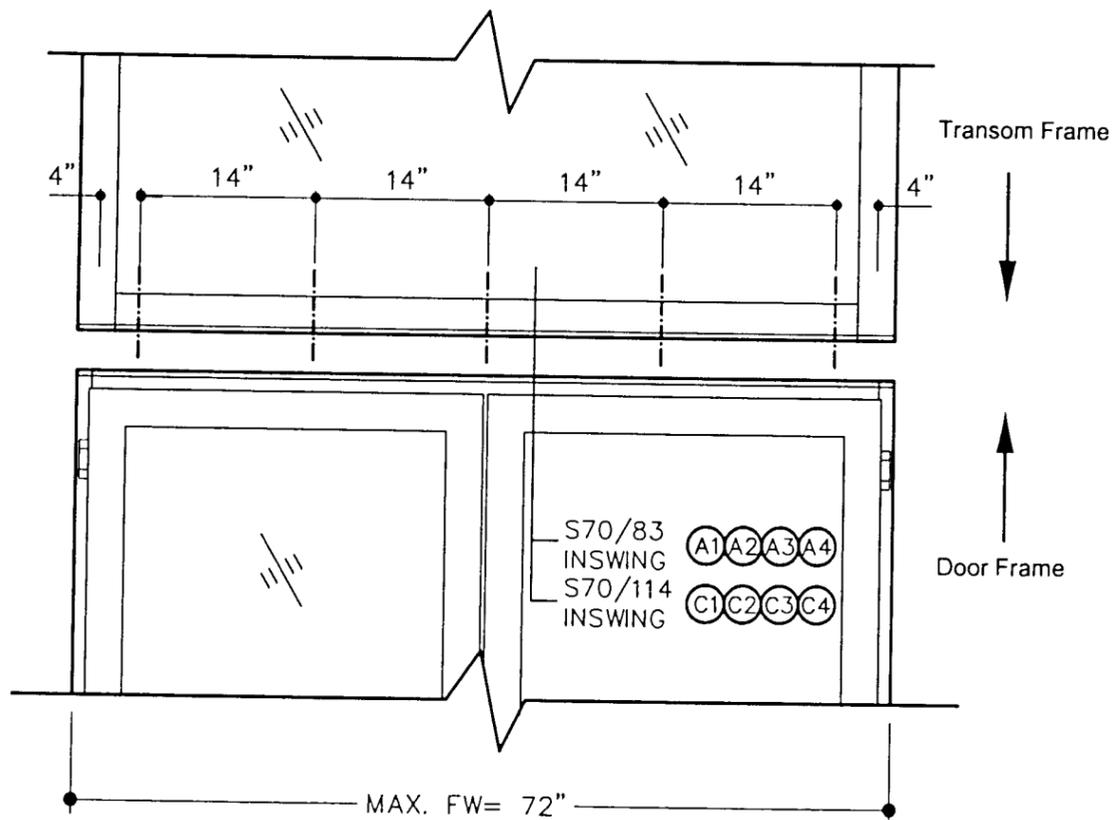


NOTES:

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
IN SWING
WOOD DOORS
MULLION
SIDE BY SIDE INSTALLATION

METRO DADE COUNTY
PA201, PA202 & PA203

Drawing no.: MQF70-3in

Scale: NONE	Drawn by: S. Marcotte
Date drawn: 11/26/98	Date revised: 03/15/00
File: Coup3in_1.dwg	Page: 11/19

ENGINEER:

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 02-0129-10
Expiration Date February 24, 2007

By *Alexandre Roman*
Miami Dade Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE *July 06, 2000*
BY *Macaulay*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. *00-041703*



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

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

METRO DADE COUNTY
PA201, PA202 & PA203

Drawing no.: MQF70-3in

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

Date drawn: 07/22/97
Date revised: 07/22/98

File: Coup3in_3.dwg
Page: 13/19

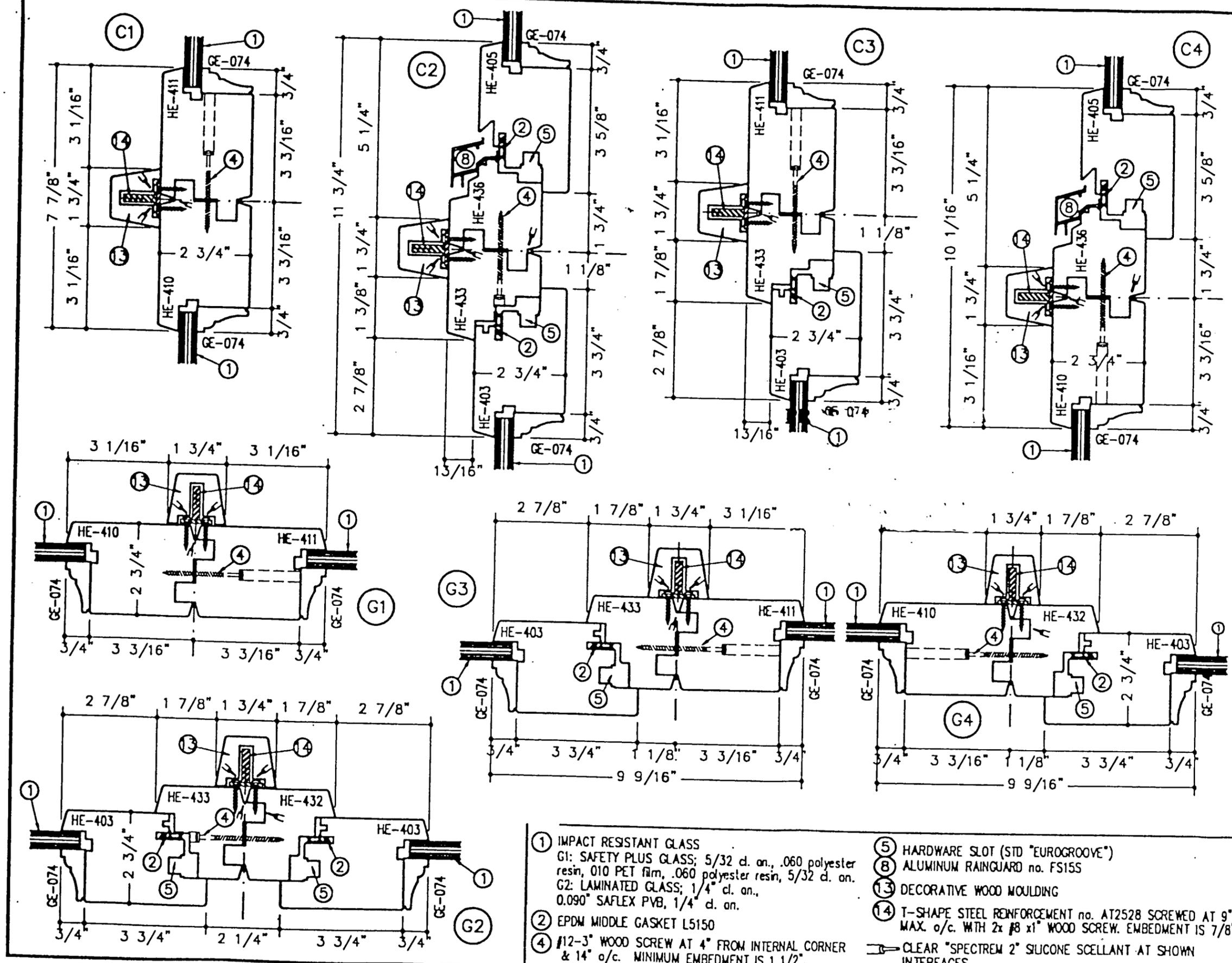
ENGINEER:

REVIEWED & APPROVED BY:

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 02-0129-10
Expiration Date February 27, 2007

By *Chandra Berman*
Miami Dade Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE *July 06, 2000*
BY *Mauro*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. *00-0417-03*



- ① IMPACT RESISTANT GLASS
G1: SAFETY PLUS GLASS; 5/32 d. on., .060 polyester resin, 010 PET film, .060 polyester resin, 5/32 d. on.
G2: LAMINATED GLASS; 1/4" cl. on., 0.090" SAFLEX PVB, 1/4" d. on.
- 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")
- ⑧ ALUMINUM RAINGUARD no. FS155
- 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
INSWING
WOOD DDORS**
ACCESSORIES & HARDWARE
METRO DADE COUNTY
IMPACT RESISTANT
PA201, PA202 & PA203

Drawing no.: MQF70-3in

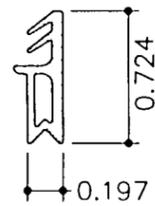
Scale: 1=1	Drawn by: E. Fortin
Date drawn: 08/07/98	Date revised: 03/15/00
File: 3in_A&H.dwg	Page: 14/19

ENGINEER:

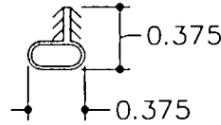
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 02-0129.10
Expiration Date February 24, 2007

By: *Glenn D. Bernay*
Miami Dade Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE: *July 06 2000*
By: *Manuel Perez*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0417-03

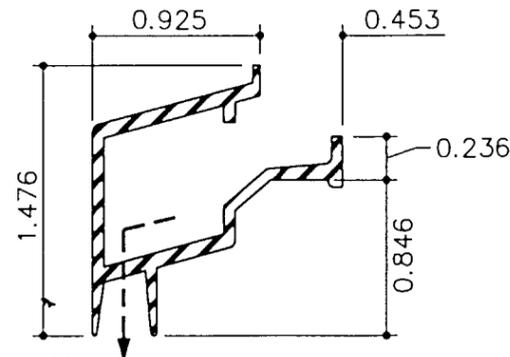


② L5150
EPDM Middle Gasket



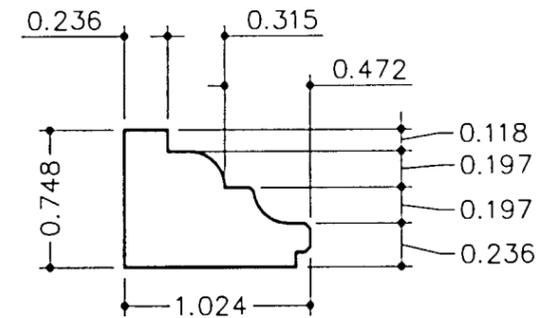
③ WD111
EPDM Exterior
Gasket

NOTE: As seen when
compressed between
astragal & active sash

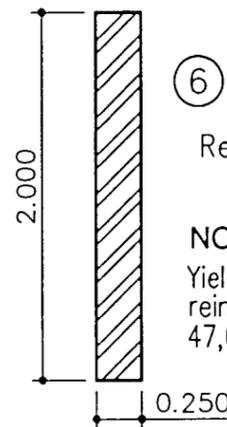


⑧ FS15S Aluminum Rainguard

NOTE: WEEPHOLES @ 4-3/4 in.
o/c, 5/32 in. x 1 in.

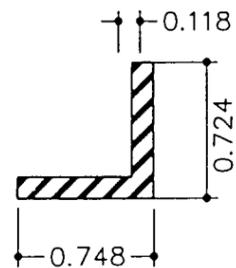


GE-064 Glazing Bead for 1 in.
Glass Thickness or for Wood Panel

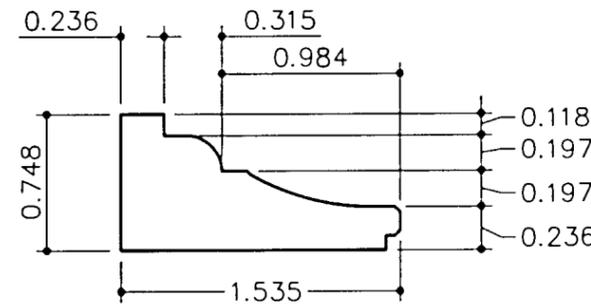


⑥ AI0650
Steel
Reinforcement

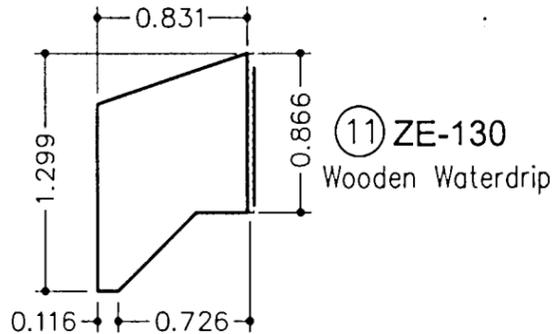
NOTE:
Yield Point of
reinforcements:
47,000 psi



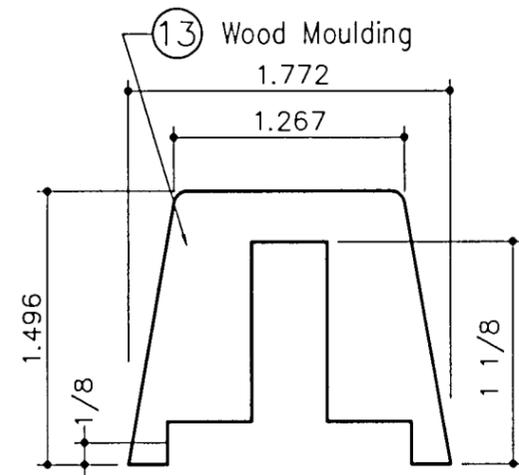
⑫ AN0765/301
Aluminum Angle



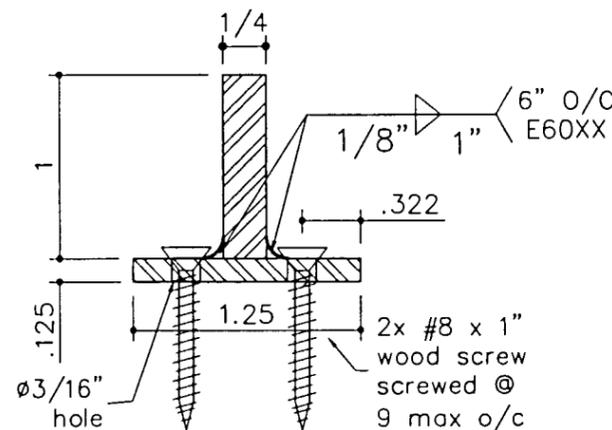
GE-074 Glazing Bead for 1/2 in.
Glass Thickness



⑪ ZE-130
Wooden Waterdrip



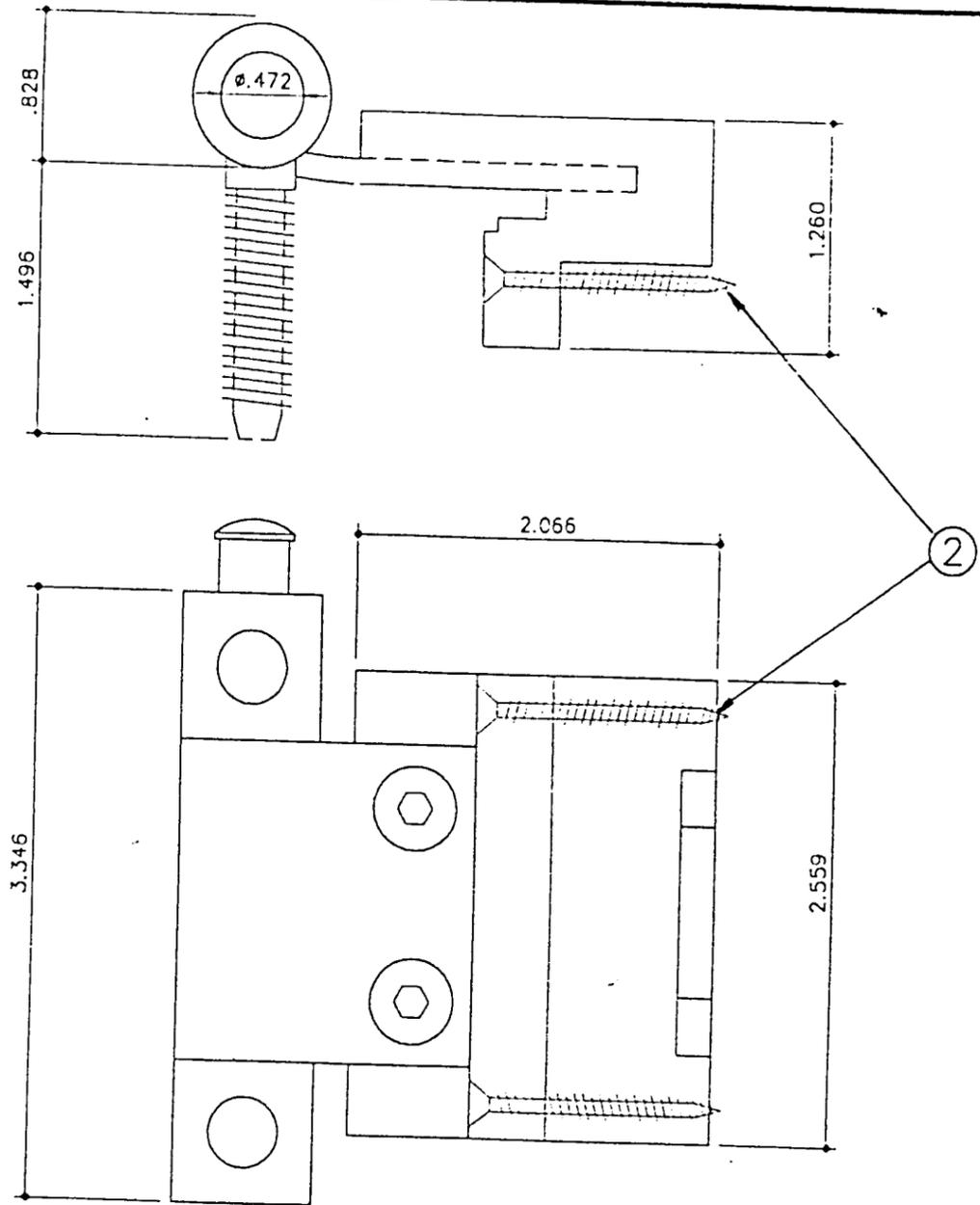
⑬ Wood Moulding



⑭ AT2528 Steel Reinforcement

REFERING TO CROSS SECTIONS DRAWINGS OF THIS SERIE

PART #	QTY.	DESCRIPTION	MATERIAL	DIMENSION	LOCATION
②	Lf depends on Sash perimeter	Brüggman, 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
③	Lf depends on Sash perimeter	Atlantech, Push-in exterior bulb gasket WD111	EPDM	3/8 in. x 3/8 in.	ACTIVE & INACTIVE SASH: Along hinged stiles ASTRAGAL PROFILE: Along the profile, between astragal and active sash
⑥	1 per inactive sash	Additional Reinforcement AI0650	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.
⑧	1	Rainguard no. FS15S	Extruded Al. T5	1.476 in. x 1.378 in.	Located on top of frame sill
⑪	1	MQ, Wooden Waterdrip no. ZE-130	Mahogany Wood	1.299 in. x 0.726 in.	Located on bottom rail exterior side
⑫	1	Angle no. AN0765/301	Aluminum T5	3/4 x 3/4 x 1/8 in. t.	Located on top of bottom rail
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; placed 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 x1" 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 the 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



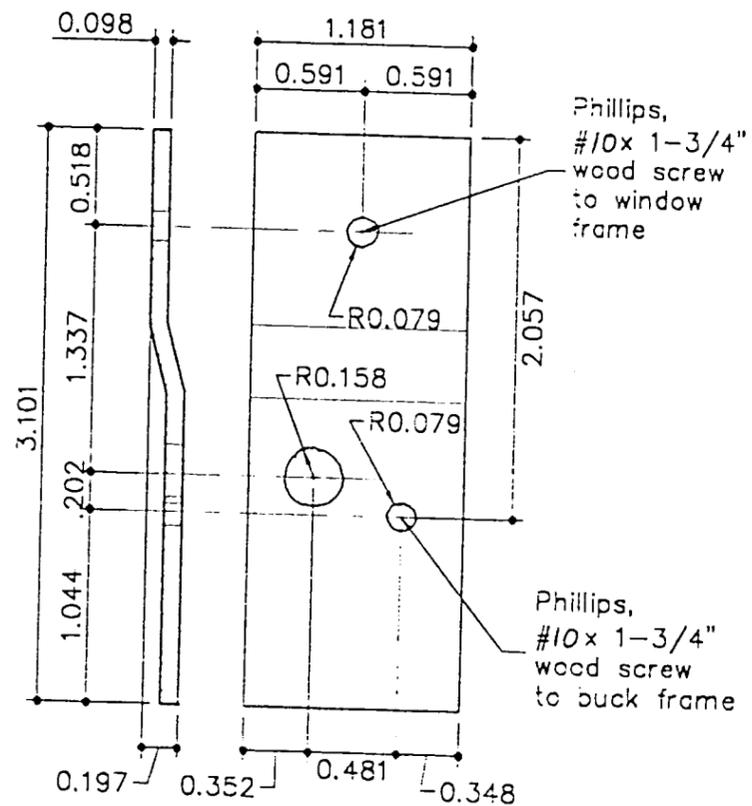
① 2D-20 Adjustable Hinge

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.: MQF70/314

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

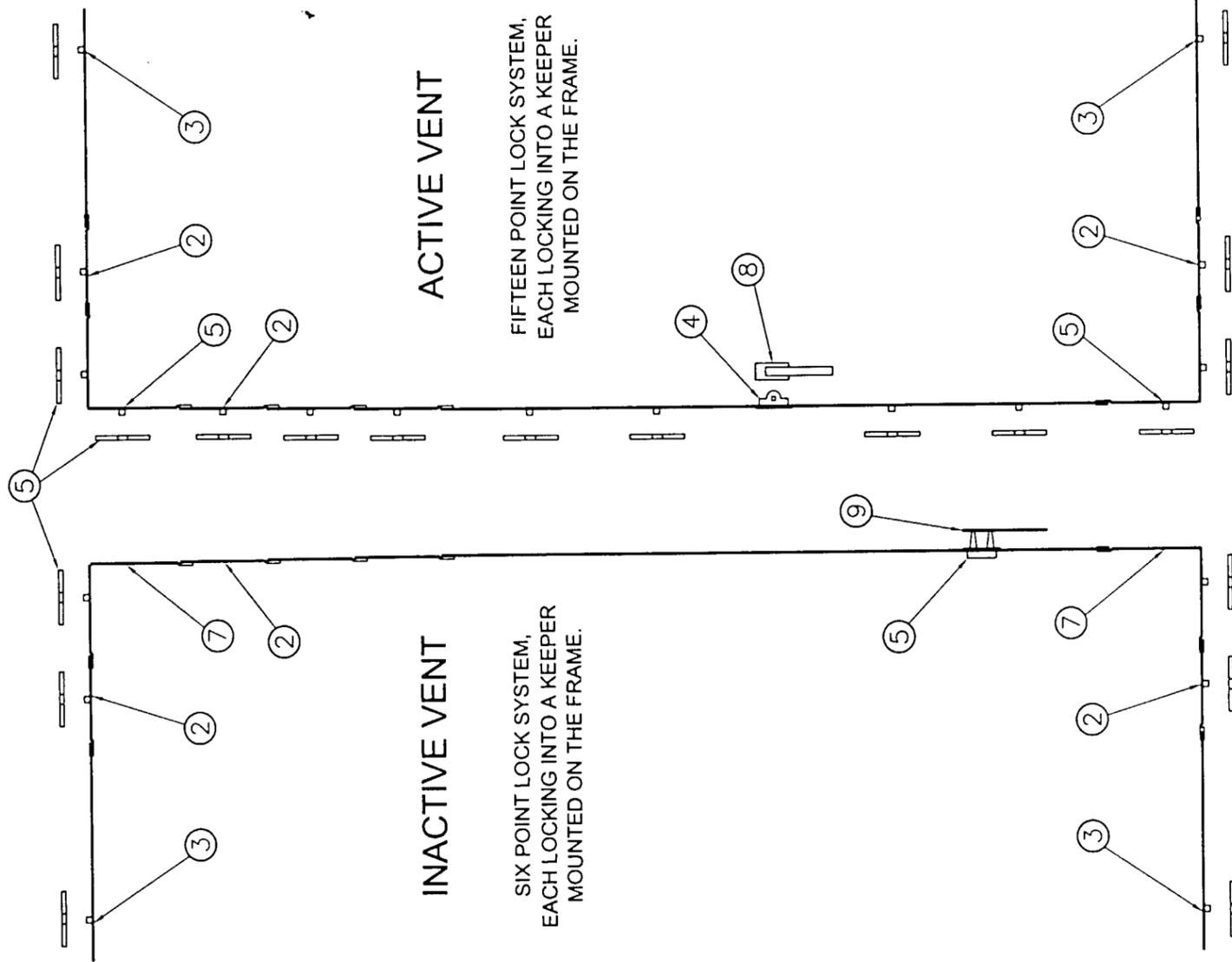
ENGINEER:

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 02-012A.10
Expiration Date Feb/04, 23, 2007

By: *E. Fortin*
Miami Dade Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE: *July 06, 2000*
BY: *Maureen Perry*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. *00-0417-02*

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
INSWING WOOD DOORS
LOCKING MECHANISM**

METRO DADE COUNTY
IMPACT RESISTANT
PA201, PA202 & PA203

Drawing no.: MQF70-3in

Scale: NONE	Drawn by: E. Fortin
Date drawn: 08/07/98	Date revised: 03/15/00
File: 3in_lock.dwg	Page: 16/19

ENGINEER:

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 02-0129.10
Expiration Date February 24, 2007
By [Signature]
Miami Dade Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE July 06, 2000
BY [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-04-17-03



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.: MQF70-31n

Scale: NONE Drawn by: E. Fortin

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

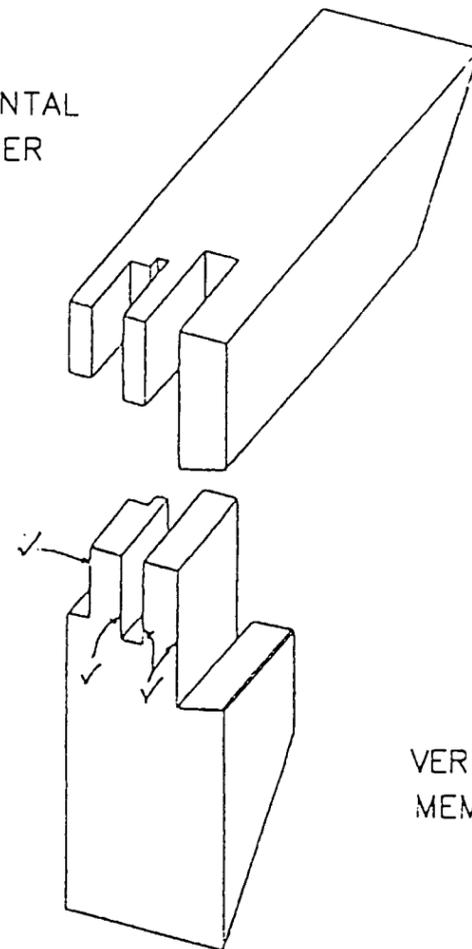
File: 70_corner.dwg Page: 17/19

ENGINEER:

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 2-0129-10
Expiration Date February 29, 2017
By Gloria Berman
Miami Dade Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE July 06, 2000
BY Manuel...
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0417-03

HORIZONTAL
MEMBER



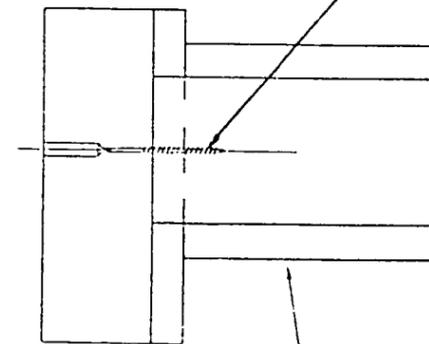
VERTICAL
MEMBER

GLUED FACES ①

MULTI-FORKS ASSEMBLY

NOTE: ALL FRAME CORNERS

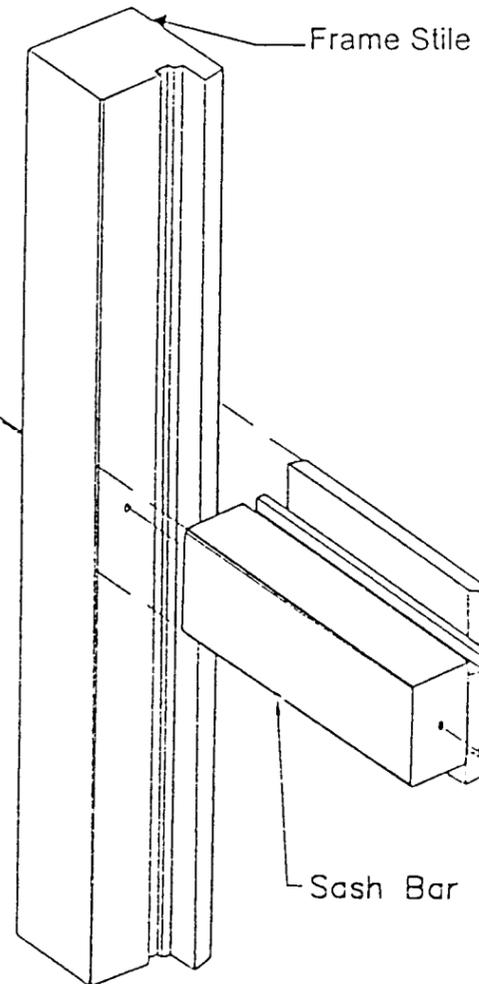
ELEVATION
Inside View



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

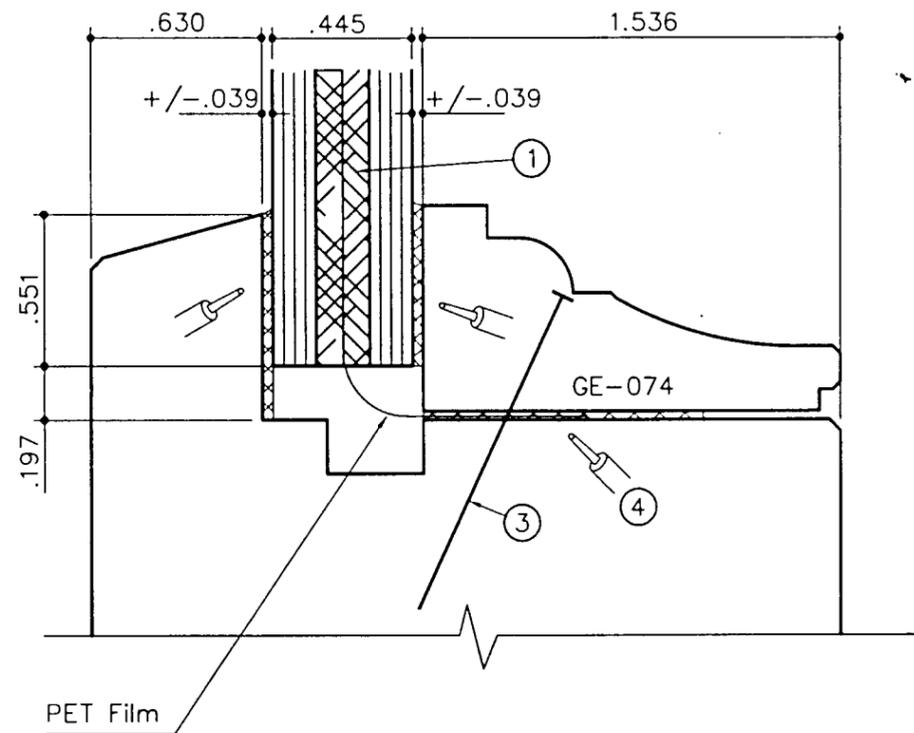
**SERIES 70/83 & 70/114
INSWING WOOD DOORS
GLAZING METHOD**

METRO DADE COUNTY
IMPACT RESISTANT
PA201, PA202 & PA203

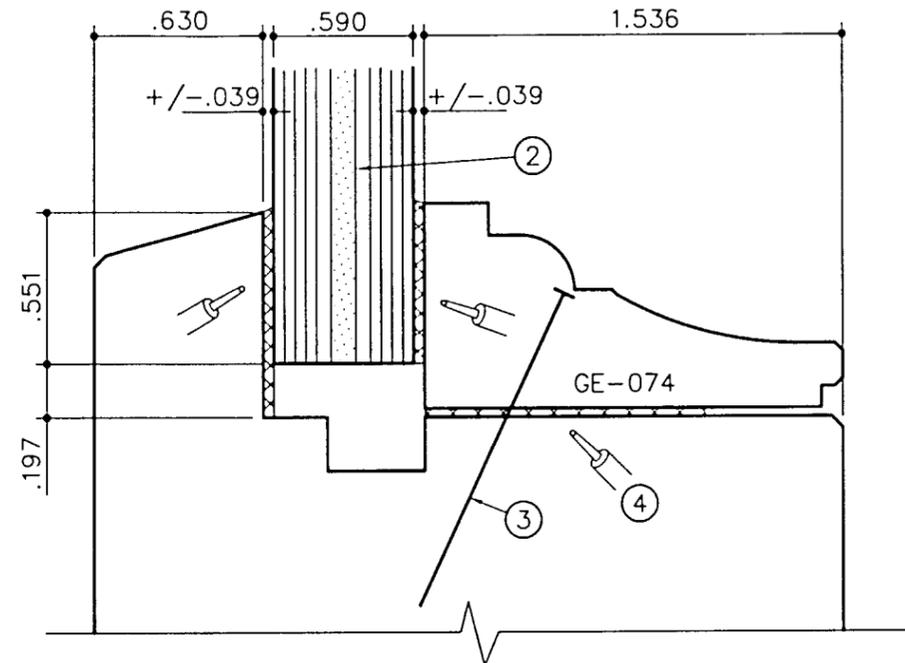
Drawing no.: MQF70-3in

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

ENGINEER:



WITH SAFETY PLUS GLASS



WITH LAMINATED GLASS

NOTE: The PET Film used in each laminated glass lite extends 1-1/2 in. beyond the edge of the glass around the entire perimeter of each lite.

TABLE 2:

TYPE OF GLASS	MAX. PERI. [in.]	MAX. AREA [sq.ft.]
G1: SAFETY PLUS GLASS, 5/32 cl an. -.060 polyester resin-.010 PET film -.060 polyester resin - 5/32 cl an.	312	26.3
G2: LAMINATED GLASS, Saflex .090 1/4 cl. an.+ 0.090 +1/4 cl. an.	312	23.0

PART #	QTY.	DESCRIPTION	MATERIAL	DIMENSION	LOCATION
1	1	Impact resistant "Safety Plus" glass	5/32 in. Annealed glass & 0.060 in. Polyester resin, both sides of 0.10 in. PET Film.	0.551 in. Glass bite Refer to Table 2	3/16 in. from glass rebate
2	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
3	Depends on frame size.	SENCO, nails	Galvanized steel	1-1/4 in. gauge 16	2 in. from corners & 10 in. o/c.
4	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

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 07-0129-10
Expiration Date January 22, 2007

By: *Glennie Brown*
Miami Dade Product Control Division

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE: July 06, 2000
S: *Manuel Asky*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0417-03



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

SERIES 70/83 & 70/114
IN SWING WOOD DOORS
GLAZING METHOD

METRO DADE COUNTY
IMPACT RESISTANT
PA201, PA202 & PA203

Drawing no.: MQF70-3in

Scale: 1.5=1 Drawn by: E. Fortin

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

File: 3in_panel.dwg Page: 19/19

ENGINEER:

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 02-0129-10
Expiration Date February 29, 2007

By: *Edward Korman*
Miami Dade Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE: *July 09, 2009*
BY: *Manuel Terry*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. *00-0417-03*

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

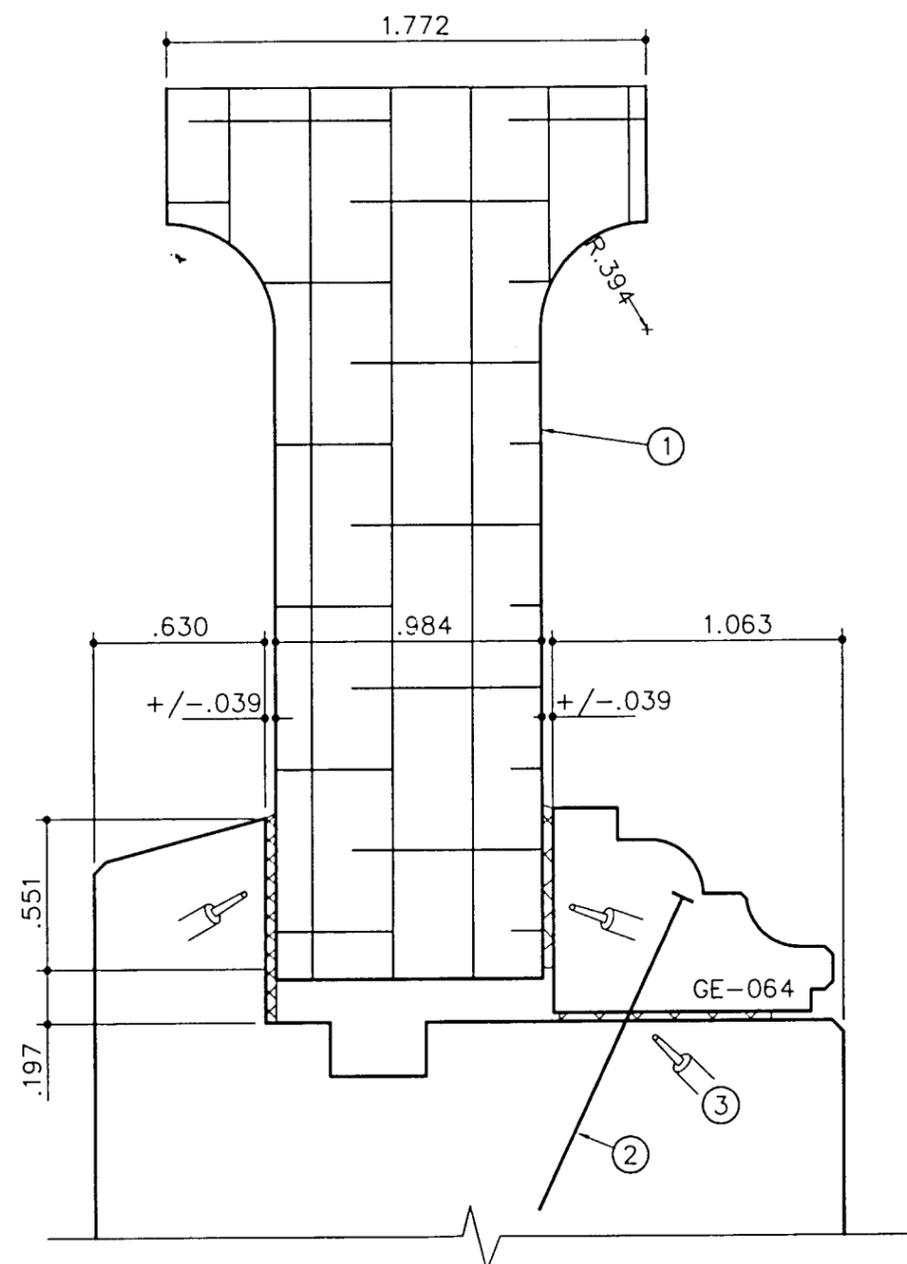


TABLE 3:

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