



MIAMI-DADE COUNTY, FLORIDA
 METRO-DADE FLAGLER BUILDING
 140 WEST FLAGLER STREET, SUITE 1603
 MIAMI, FLORIDA 33130-1563
 (305) 375-2901 FAX (305) 372-6339
www.miamidade.gov/buildingcode

**BUILDING CODE COMPLIANCE OFFICE (BCCO)
 PRODUCT CONTROL DIVISION
 NOTICE OF ACCEPTANCE (NOA)**

**Palm City Millwork, Inc.
 3313 SW 42nd Avenue
 Palm City, FL 34990**

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Clad Mahogany Outswing & Inswing Aluminum French Door - L.M.I

APPROVAL DOCUMENT: Drawing No. 1197, titled "Aluminum Clad Mahogany 1 3/4" Outswing & Inswing French Doors", sheets 1 through 12 of 12, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 12/9/02, signed and sealed by Warren Schaefer, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

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 # 03-0116.10, and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

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



*J. Gascon
5/23/08*

NOA No. 08-0425.06
 Expiration Date: May 22, 2009
 Approval Date: June 12, 2008
 Page 1

Palm City Millwork

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

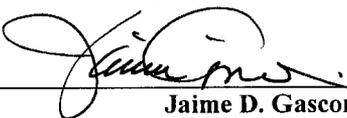
1. Manufacturer's die drawings and sections.
2. Drawing No. **1197**, titled "Aluminum Clad Mahogany 1 3/4" Outswing & Inswing French Doors", sheets 1 through 12 of 12, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 12/9/02, signed and sealed by Warren Schaefer, P.E.

B. TESTS

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
along with marked-up drawings and installation diagram of an aluminum clad wood outswing French door, prepared by Hurricane Test Laboratory Inc., Test Report No. **HTL 0067-0504.02** dated 5/23/02, signed and sealed by Vinu Abraham, P.E.
2. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
along with marked-up drawings and installation diagram of an aluminum clad wood outswing French door, prepared by Hurricane Test Laboratory Inc., Test Report No. **HTL 0067-1202.02** dated 5/23/02, signed and sealed by Vinu Abraham, P.E.

C. CALCULATIONS

1. Anchor Calculations and structural analysis, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 1/8/03, signed and sealed by Warren Schaefer, P.E.



Jaime D. Gascon, P.E.
Chief, Product Control Division
NOA No. 08-0425.06
Expiration Date: May 22, 2009
Approval Date: June 12, 2008

Palm City Millwork

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. MATERIAL CERTIFICATIONS

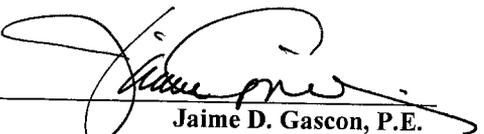
1. Notice of Acceptance No. **08-0206.01** issued to Solutia, Inc. for "Saflex HP and Saflex HPc" expiring on 4/17/13.
2. Notice of Acceptance No. **07-1116.04** issued to EI. DuPont DeNemours, Inc. for "Sentry Glass (R) Plus" expiring on 1/14/12.
3. Notice of Acceptance No. **06-0216.06** dated 1/14/12 issued to Solutia, Inc. for "Saflex / 111G (Keepsafe Maximum) expiring on 5/21/11.
4. Notice of Acceptance No. **03-1223.04** issued to Surface Specialties, Inc. for "Uvekol - Liq. Resin to adhere Glass" expiring on 2/8/09.

E. STATEMENTS

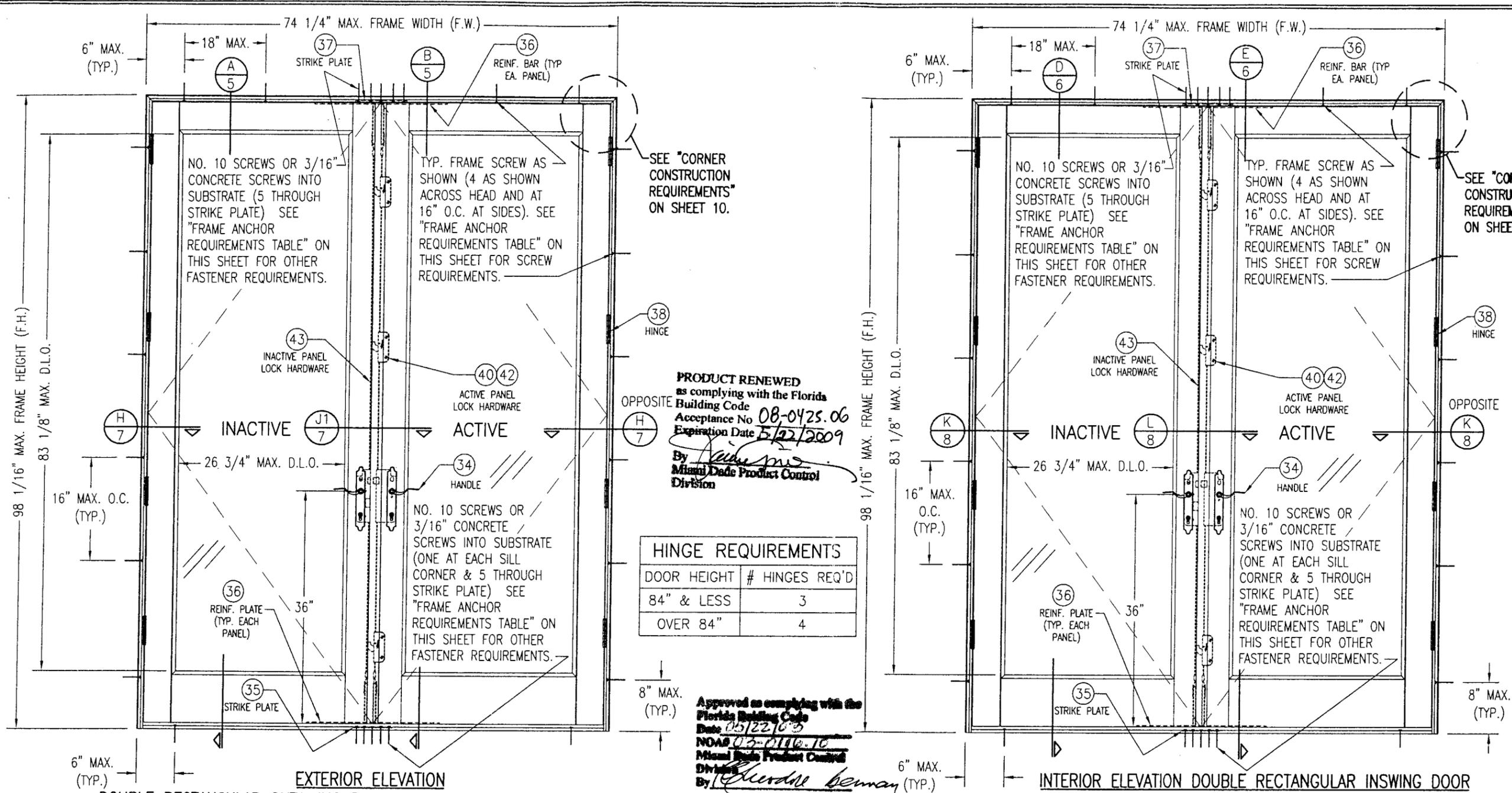
1. Statement letter of conformance, dated 4/21/08, signed and sealed by Warren Schaefer, P.E.
2. Statement letter of no financial interest, dated 1/9/03, signed and sealed by Warren Schaefer, P.E.
3. Laboratory compliance letter for Test Report no. **HTL 0067-0504.02, 0067-1202.02** issued by Hurricane Test Laboratory Inc., dated 12/19/02, signed and sealed by Vinu Abraham, P.E.

F. OTHER

1. Letter from the consultant stating that the product is in compliance with the Florida Building Code (FBC)
2. Notice of Acceptance No. **03-0116.10**, issued to Palm City Millwork, for their Clad Mahogany Outswing & Inswing Aluminum French Door – L.M.I., approved on 05/22/03 and expiring on 05/22/08.
3. One year conditional approval, subjected to successful verification test, the final approval will be balanced of total 5 years.



Jaime D. Gascon, P.E.
Chief, Product Control Division
NOA No. 08-0425.06
Expiration Date: May 22, 2009
Approval Date: June 12, 2008



PRODUCT RENEWED
 as complying with the Florida Building Code
 Acceptance No. 08-0425.06
 Expiration Date 5/22/2009
 By [Signature]
 Miami Dade Product Control Division

HINGE REQUIREMENTS	
DOOR HEIGHT	# HINGES REQ'D
84" & LESS	3
OVER 84"	4

Approved as complying with the Florida Building Code
 Date 05/22/05
 NO. 03-0116-10
 Miami Dade Product Control Division
 By [Signature]

- GENERAL NOTES**
- THESE DOOR SYSTEMS HAVE BEEN TESTED, ANALYZED AND APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN LOADS" TABLE.
 - BUCKING, OPENINGS & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
 - ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & MAY NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS.
 - THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT DOORS.
 - THESE DOOR SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE (FBC).
 - IMPACT SHUTTERS ARE NOT REQUIRED WITH THESE DOORS.
 - ALL ANCHORS SHALL BE INSTALLED AS SPECIFIED ON THESE DRAWINGS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.

*** FRAME ANCHOR REQUIREMENTS TABLE**

OPENING TYPE (SUBSTRATE)	JAMB TO OPENING FASTENER TYPE	MINIMUM EMBEDMENT	MINIMUM EDGE DIST.
2X_ WOOD FRAME OR BUCK	NO. 10 SMS SCREW	1 1/4"	1"
CMU/CONCRETE	(1) 3/16" CONCRETE SCREWS	1 1/4"	2"

(1) CONCRETE SCREWS SHALL BE ELCO OR ITW RAMSET/RED HEAD TAPCONS, HILTI KWIK-CON II OR POWERS RAWL TAPPER (HARDENED STEEL OR S.S.).

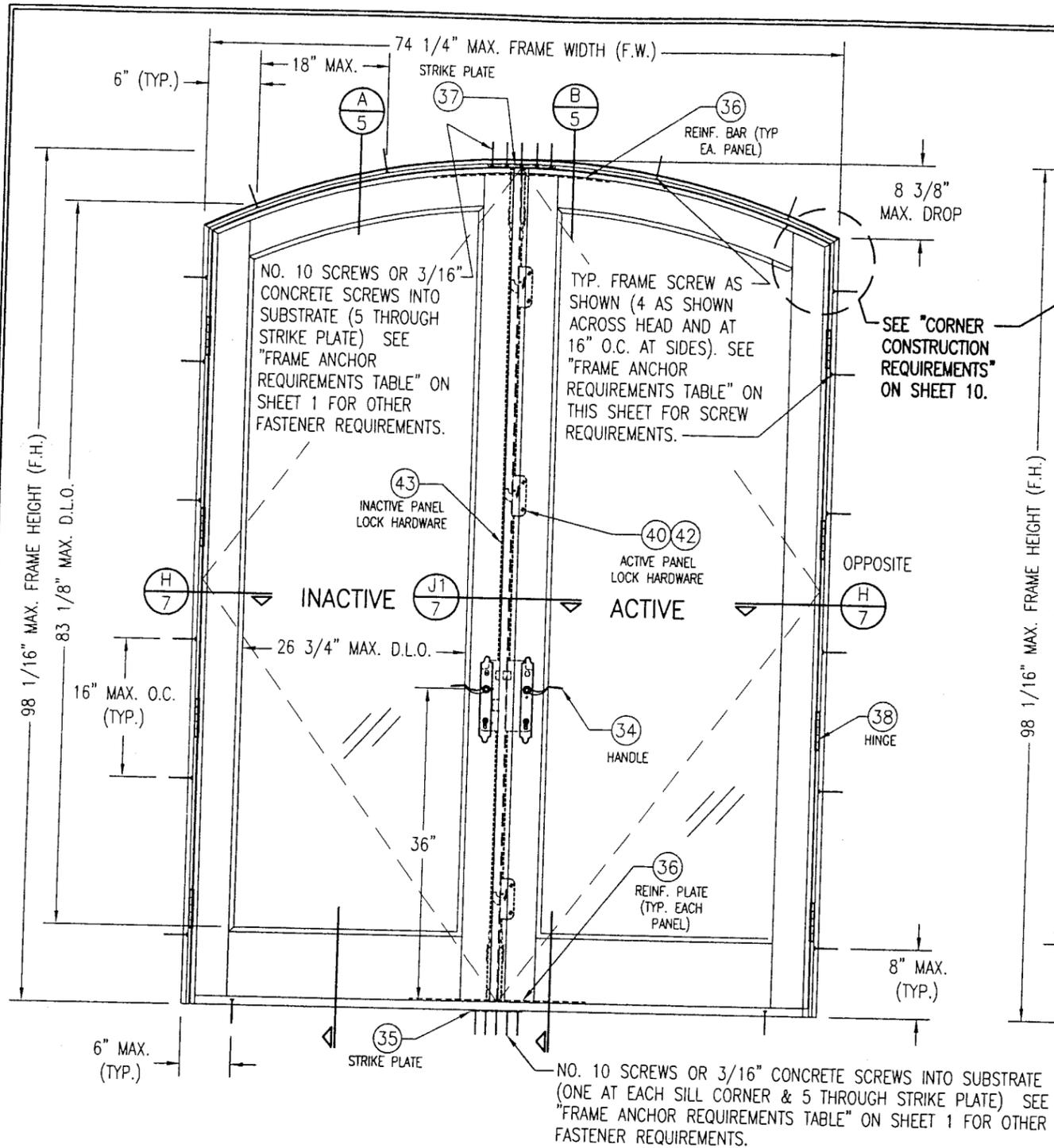
*** ANCHOR NOTE:** FRAME MAY BE EITHER DIRECT MOUNTED TO THE OPENING, MOUNTED ONTO A CONTINUOUS WOOD SPACER, OR ANCHORED TO A MIN. 2X4 NO. 3 SOUTHERN PINE WOOD BUCK. WHEN ANCHORED TO A 2X4 BUCK, NO. 10 SCREWS SHALL BE USED. WHEN DIRECT MOUNTED OR MOUNTED WITH SPACER, 3/16" CONCRETE SCREWS SHALL BE USED. SEE "ANCHOR REQUIREMENTS TABLE" FOR EMBED REQUIREMENTS. PROPER MATERIAL SHALL BE USED BETWEEN ALL DISIMILAR MATERIALS (BLOCK/CONCRETE & ALUMINUM).

ALLOWABLE DESIGN LOADS

LOCK SYSTEM USED	(1) POSITIVE		NEGATIVE
	WATER RESISTANCE REQUIRED	WATER RESISTANCE NOT REQUIRED	
PANIC DEVICE (APPLICABLE TO OUT-SWING DOORS ONLY)	N/A	50 PSF	45 PSF
MULTI-POINT WITH IN-SWING DOORS	N/A	60 PSF	60 PSF
MULTI-POINT WITH OUT-SWING DOORS	60 PSF	60 PSF	60 PSF

(1) WHERE WATER INFILTRATION RESISTANCE IS A REQUIREMENT, THE INSWING CONDITION, THE PANIC LOCK HARDWARE AND THE ADA THRESHOLD MAY NOT BE USED UNLESS THE DOOR IS COVERED BY A CANOPY OR OVERHANG SUCH THAT THE ANGLE BETWEEN THE EDGE OF CANOPY OR OVERHANG TO SILL IS LESS THAN 45 DEGREES, OR WHEN THE UNIT IS INSTALLED IN A NON-HABITABLE AREA WHERE THE UNIT AND THE AREA ARE DESIGNED TO ACCEPT WATER INFILTRATION.

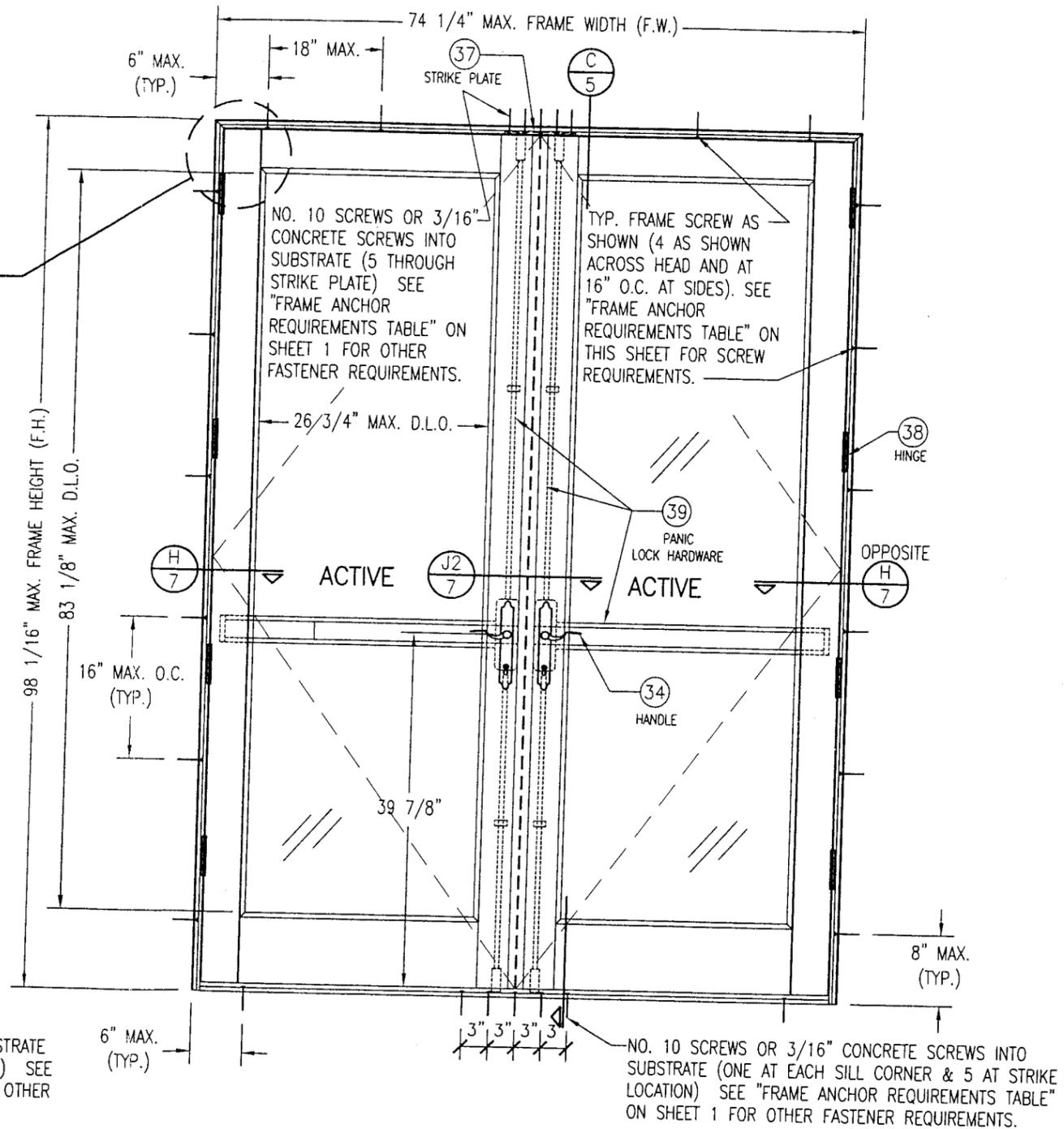
DRAWN BY: T.J.W.	CHECKED BY: W.W.S.
PLOT: 1-16	DATE: 12/09/02
DATE	BY
REVISION DESCRIPTION	NO.
DRAWING TITLE ALUMINUM CLAD MAHOGANY 1 3/4" OUTSWING & INSWING FRENCH DOORS	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903	MANUFACTURER PALM CITY MILLWORK, INC. 3313 S.W. 42ND AVE. PALM CITY, FL 34990 800-273-5598
CERTIFICATION MAR 26 2003	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1197	REV.
SHEET NO. 1 OF 12	



EXTERIOR ELEVATION

DOUBLE ARCHTOP OUTSWING DOOR WITH MULTI-POINT LOCK SYSTEM

NOTE: 1) INSWING CONDITION ALSO APPLIES TO THIS SHAPED DOOR. SEE INSWING ELEVATION ON SHEET 1 FOR DOOR DETAILS.
 2) PANIC DEVICE LOCK SYSTEM ALSO APPLIES TO THIS SHAPED DOOR (OUTSWING CONDITION ONLY). SEE OUTSWING PANIC DEVICE DOOR ELEVATION ON THIS SHEET FOR DETAILS.



EXTERIOR ELEVATION

DOUBLE RECTANGULAR OUTSWING DOOR WITH PANIC DEVICE LOCK SYSTEM

NOTE: 1) THE PANIC DEVICE CONDITION APPLIES TO OUT-SWING DOORS ONLY AND SHALL NOT BE APPLICABLE TO IN-SWING DOORS.

PRODUCT RENEWED
 as complying with the Florida Building Code
 Acceptance No. 08-0425.06
 Expiration Date 5/12/2009
 By *[Signature]*
 Miami Dade Product Control Division

Approved as complying with the Florida Building Code
 Date 05/22/03
 NOA# 03-0110-10
 Miami Dade Product Control
 By *[Signature]*

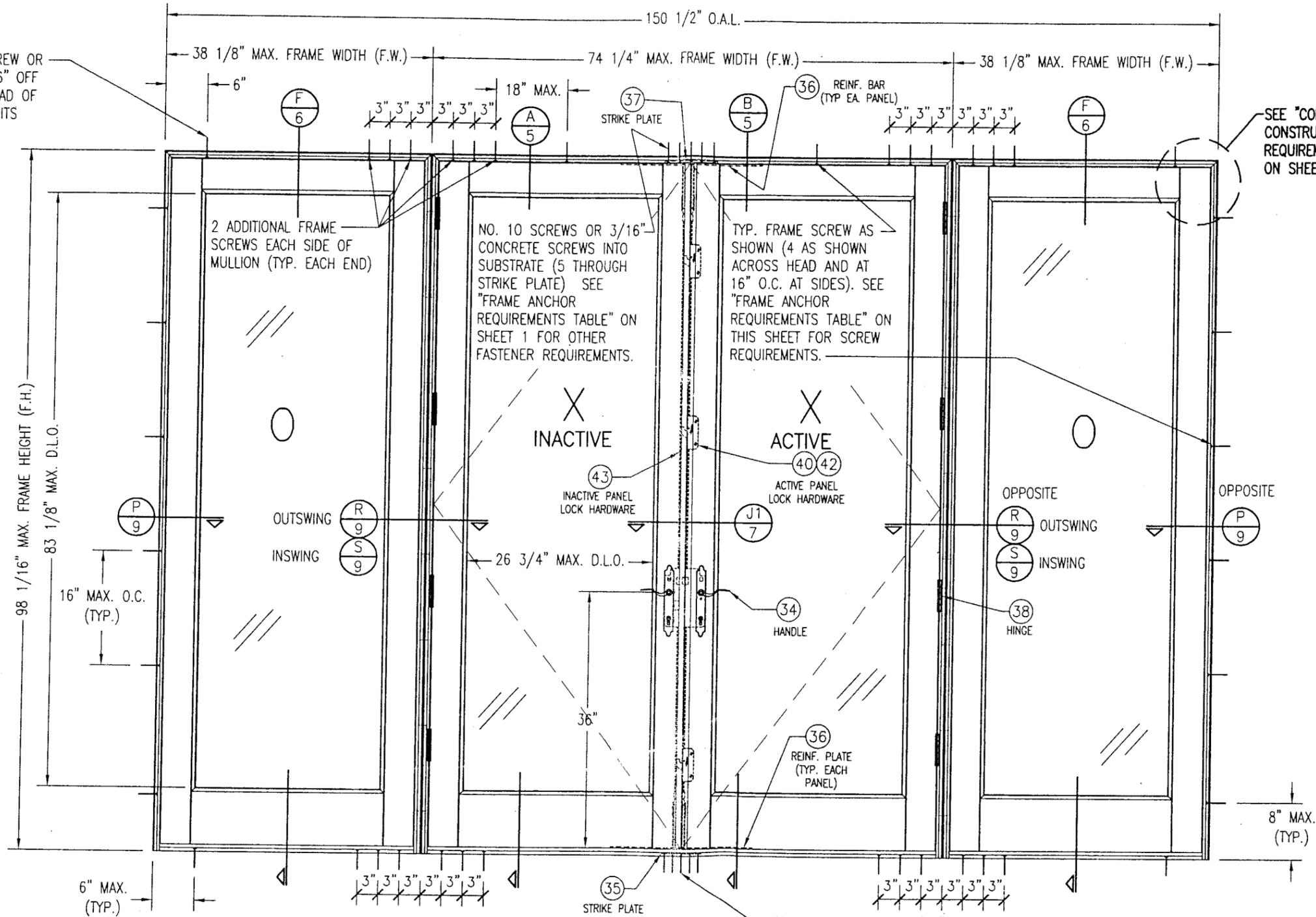
DRAWN BY:	T.J.W.	CHECKED BY:	W.W.S.
PLOT:	1=16	DATE:	12/09/02
NO.		REVISION DESCRIPTION	
DATE		BY	

ALUMINUM CLAD MAHOGANY 1 3/4" OUTSWING & INSWING FRENCH DOORS
 MANUFACTURER
PALM CITY MILLWORK, INC.
 3313 S.W. 42ND AVE.
 PALM CITY, FL 34990
 800-273-5598

CONSULTANTS
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
 600 SANDTREE DRIVE, SUITE 203B
 PALM BEACH GARDENS, FL 33403
 PHONE: 561-775-4902 FAX: 561-775-4903

CERTIFICATION MAR 26 2003 <i>[Signature]</i> WARREN W. SCHAEFER, P.E. P.E. NO. 44135	DRAWING NO.	REV.
	1197	
	SHEET NO.	2 OF 12

TYP. FRAME SCREW OR MASONRY CLIP 6" OFF CORNERS AT HEAD OF FIXED PANEL UNITS



SEE "CORNER CONSTRUCTION REQUIREMENTS" ON SHEET 10.

NO. 10 SCREWS OR 3/16" CONCRETE SCREWS INTO SUBSTRATE (ONE AT EACH SILL CORNER OF EACH THE FIXED & OPERABLE UNITS & 5 THROUGH STRIKE PLATE) SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR OTHER FASTENER REQUIREMENTS.

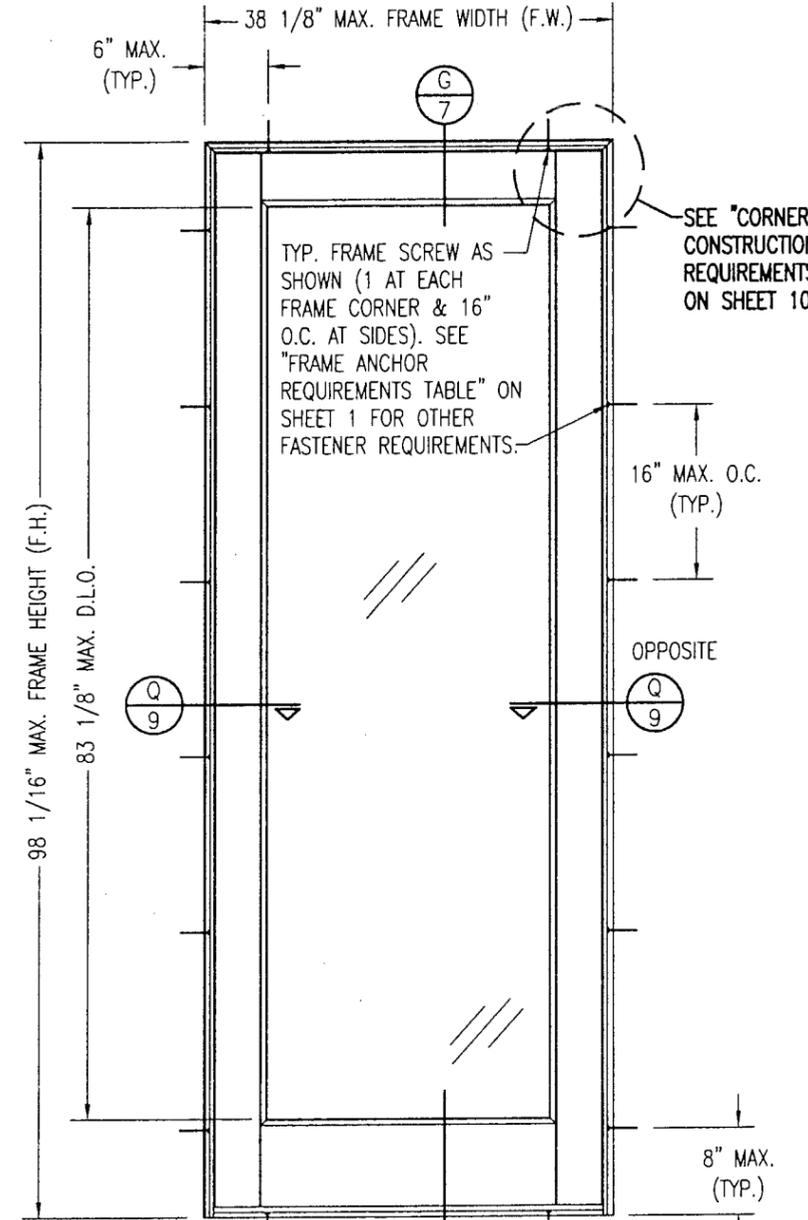
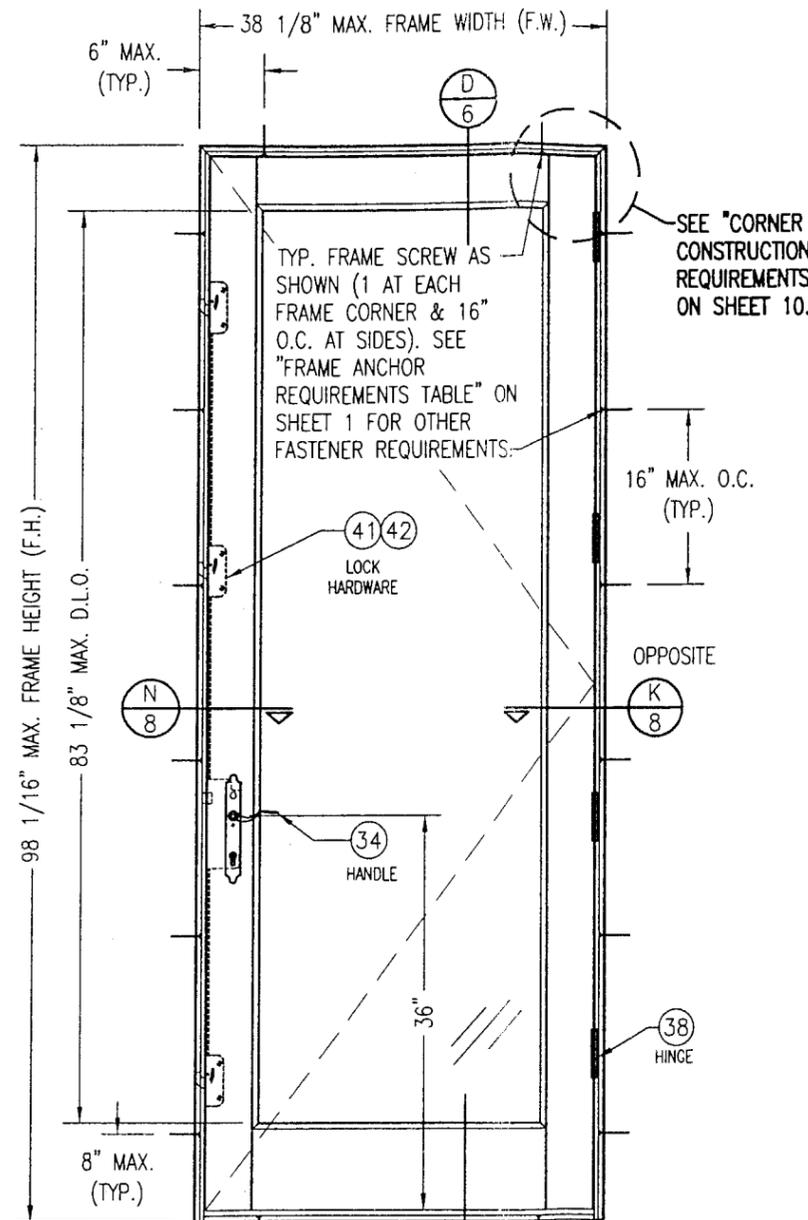
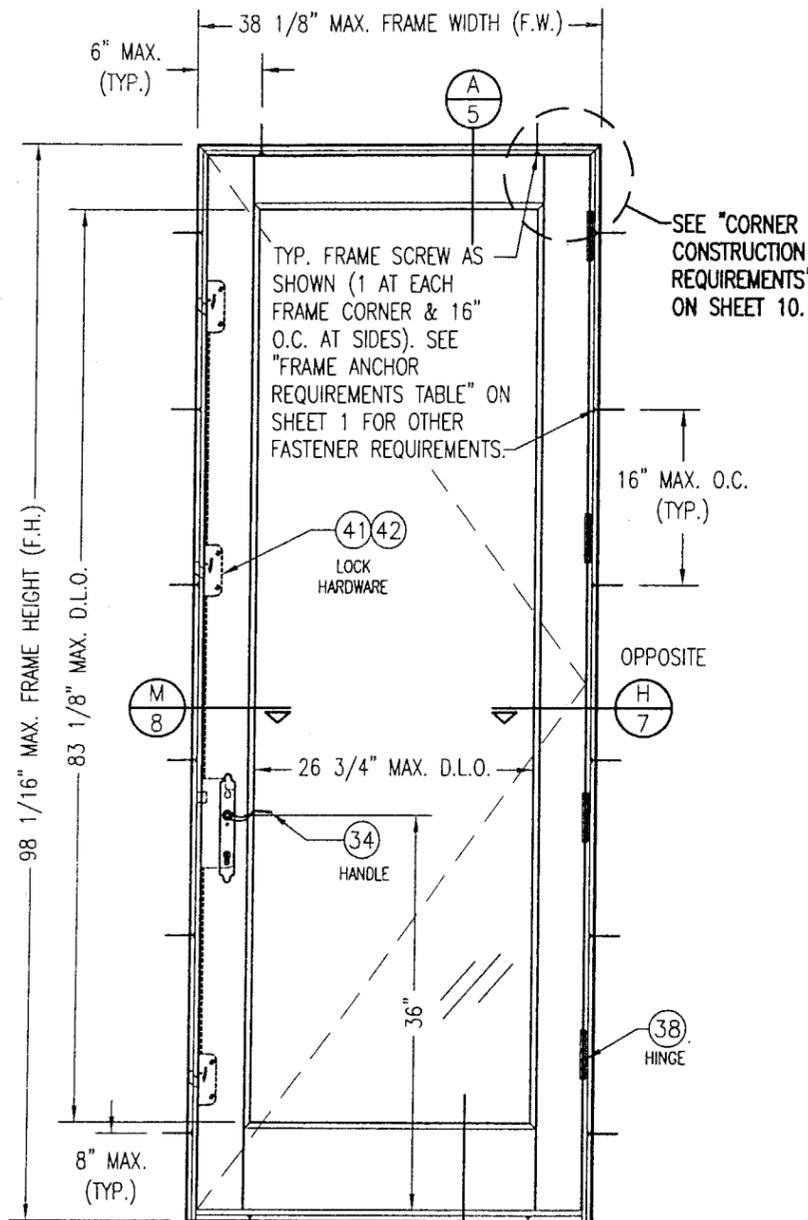
EXTERIOR ELEVATION
OXXO UNIT WITH OUTSWING DOOR & MULTI-POINT LOCK SYSTEM

- NOTE:
- 1) OXXO DOOR SHOWN. ALL OTHER 4-PANEL CONFIGURATIONS OF SINGLE/DOUBLE DOORS & SIDELIGHTS ALSO APPLY.
 - 2) OUTSWING CONDITION SHOWN. INSWING CONDITION ALSO APPLIES PER THE INSWING DOOR CROSS SECTIONS.
 - 3) MULTI-POINT LOCK SYSTEM SHOWN. PANIC DEVICE ALSO APPLICABLE.

PRODUCT RENEWED
 as complying with the Florida Building Code
 Acceptance No. 08-0425.06
 Expiration Date 5/22/2009
 By: *[Signature]*
 Miami Dade Product Control Division

Approved as complying with the Florida Building Code
 Date 05/22/03
 NOA# 13-0116-10
 Miami Dade Product Control Division
 By: *[Signature]*

DRAWN BY: T.J.W.		CHECKED BY: W.W.S.	
PLOT: 1=16		DATE: 12/09/02	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE ALUMINUM CLAD MAHOGANY 1 3/4" OUTSWING & INSWING FRENCH DOORS			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903			
MANUFACTURER PALM CITY MILLWORK, INC. 3313 S.W. 42ND AVE. PALM CITY, FL 34990 800-273-5598			
CERTIFICATION MAR 26 2003		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1197		REV.	
SHEET NO. 3		OF 12	



NO. 10 SCREWS OR 3/16" CONCRETE SCREWS INTO SUBSTRATE (ONE AT EACH SILL CORNER) SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR OTHER FASTENER REQUIREMENTS.

NO. 10 SCREWS OR 3/16" CONCRETE SCREWS INTO SUBSTRATE (ONE AT EACH SILL CORNER) SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR OTHER FASTENER REQUIREMENTS.

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**EXTERIOR ELEVATION
SINGLE RECTANGULAR OUTSWING DOOR WITH
MULTI-POINT LOCK SYSTEM**

- NOTE: 1) PANIC DEVICE LOCK SYSTEM IS ALSO APPLICABLE TO THIS DOOR. SEE ACTIVE PANEL ON DOUBLE PANIC DOOR ELEVATION FOR DETAIL.
2) RECTANGULAR DOOR SHOWN, FULL OR HALF ARCH TOP ALSO IS APPLICABLE WITHIN LIMITATIONS OF DOUBLE ARCH TOP ELEVATION ON SHEET 2.

**EXTERIOR ELEVATION
SINGLE RECTANGULAR INSWING DOOR**

- NOTE: 1) RECTANGULAR DOOR SHOWN, FULL OR HALF ARCH TOP ALSO IS APPLICABLE WITHIN LIMITATIONS OF DOUBLE ARCH TOP ELEVATION ON SHEET 2.

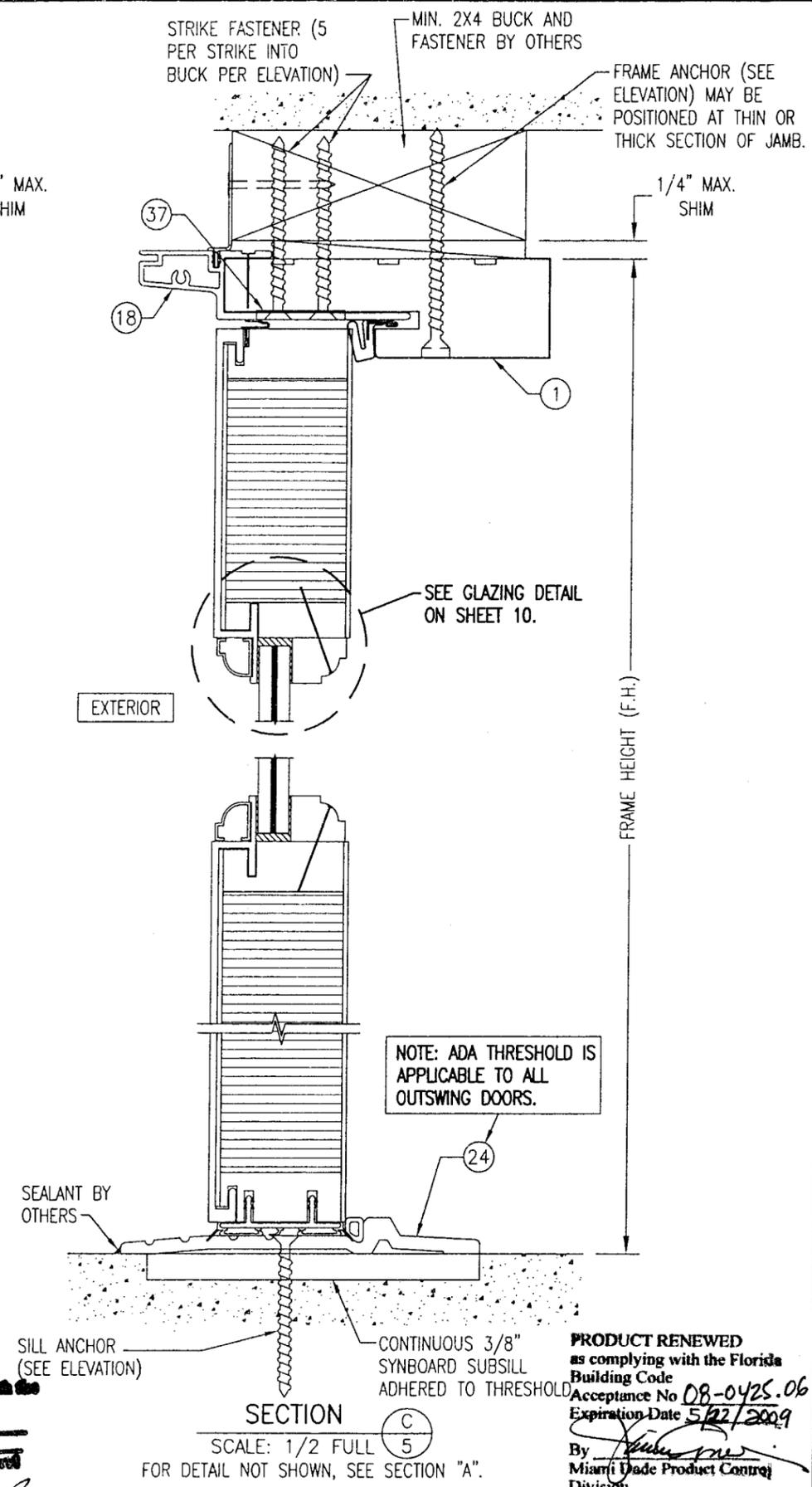
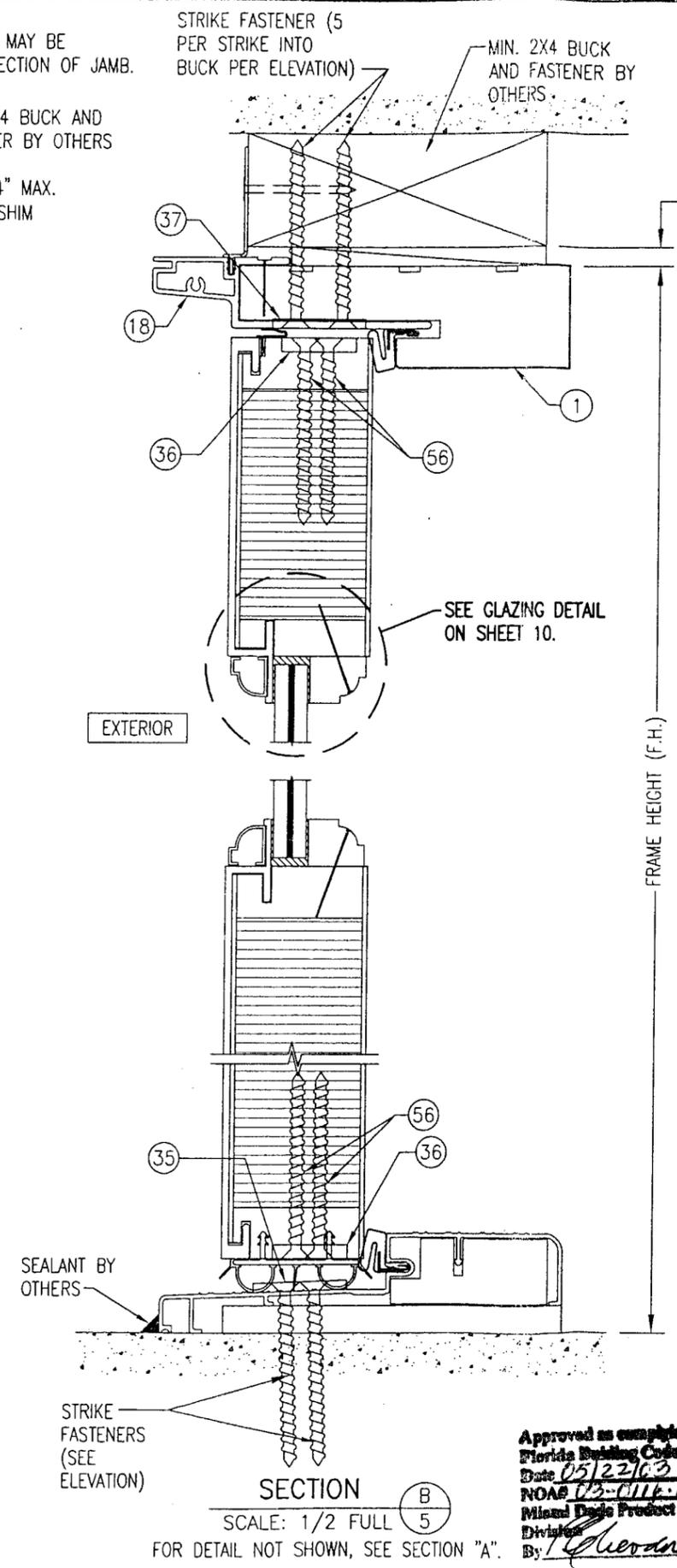
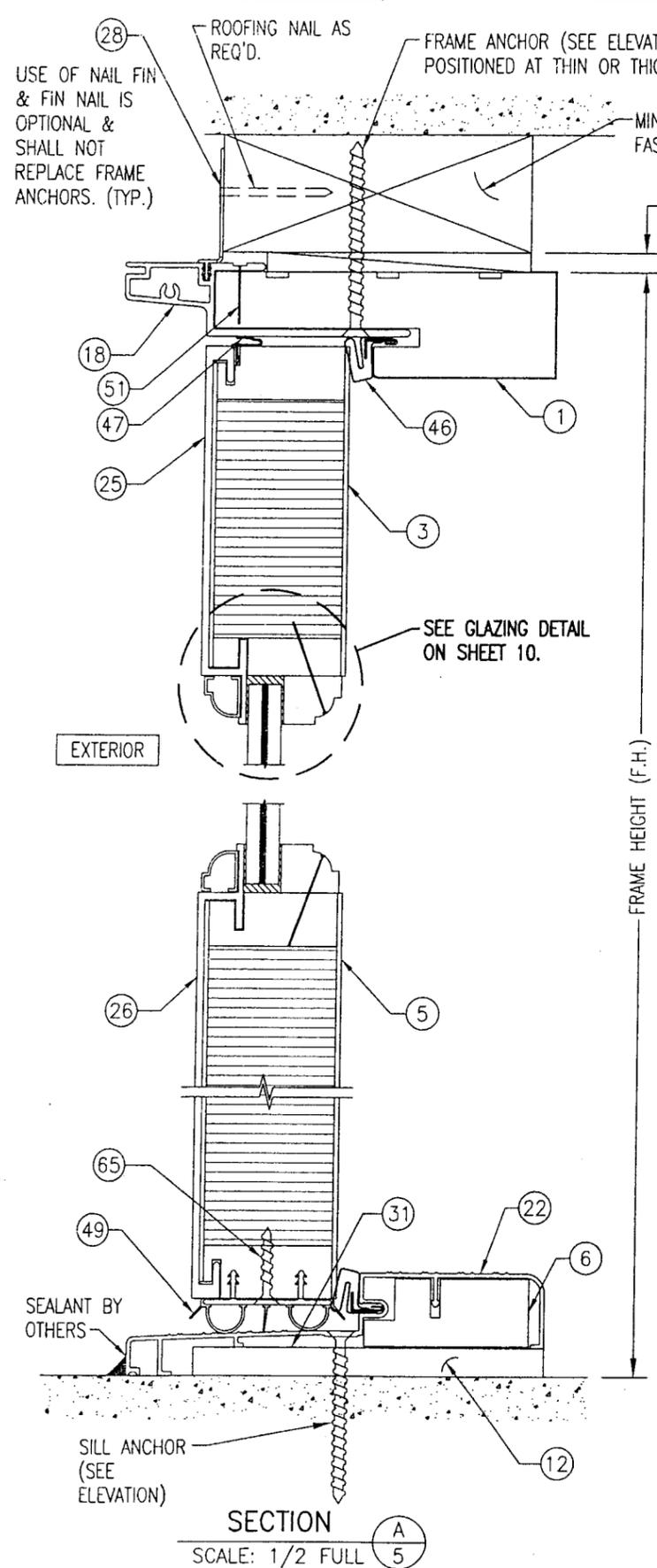
**INTERIOR ELEVATION
SINGLE FIXED PANEL
(WITH INSWING DOORS)**

- NOTE: 1) SIDELIGHT PANELS MAY HAVE FULL OR HALF ARCH TOP SAME AS WITH DOORS.

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 08-0475.06
Expiration Date 5/12/2009
By *[Signature]*
Miami Dade Product Control
Division

Approved as complying with the
Florida Building Code
Date 05/22/03
NOAR 03-0116.16
Miami Dade Product Control
By *[Signature]*

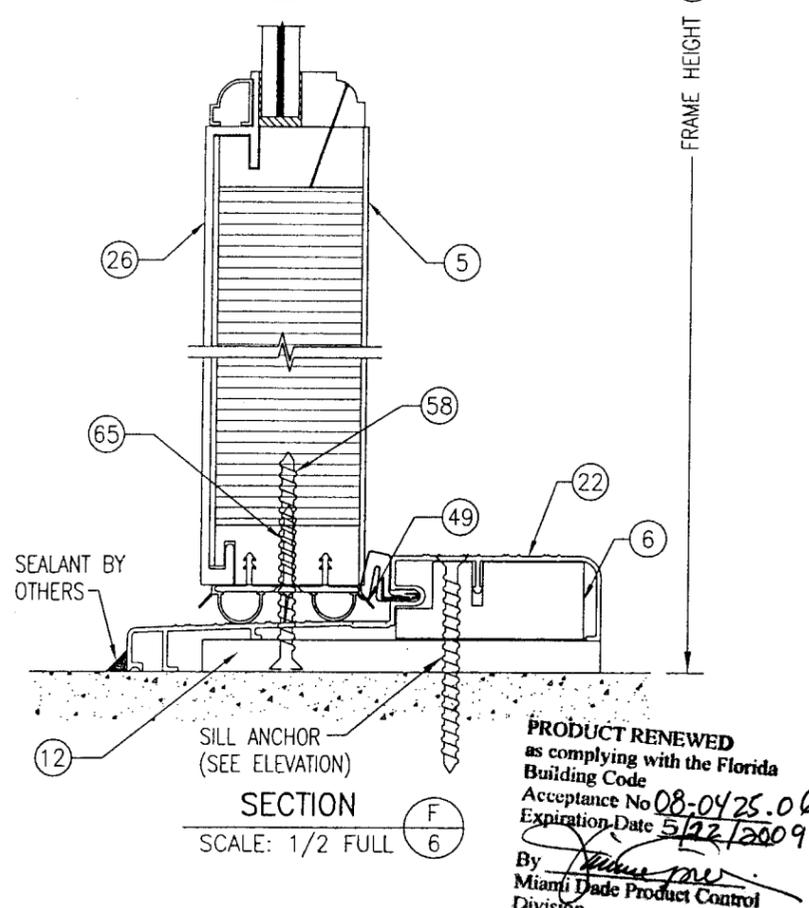
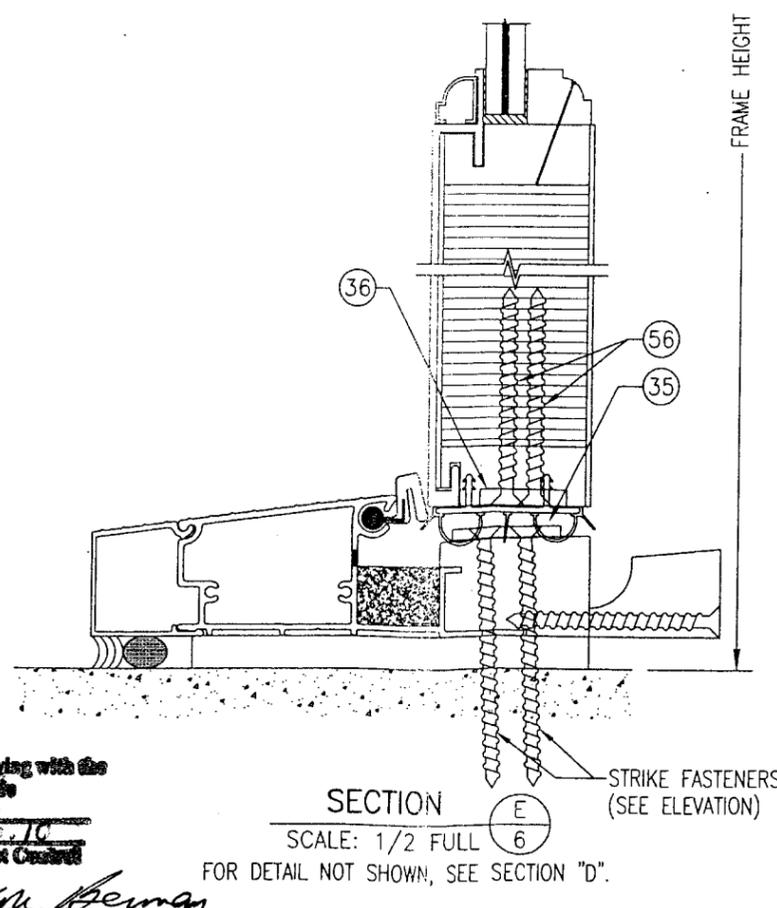
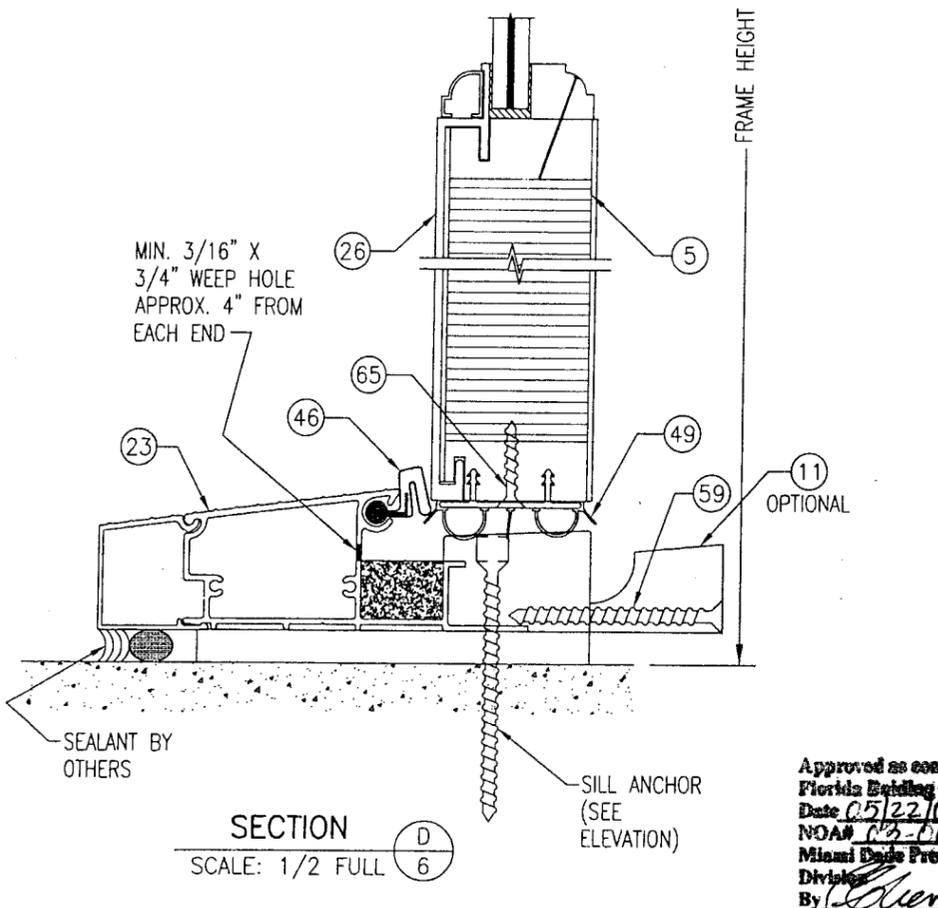
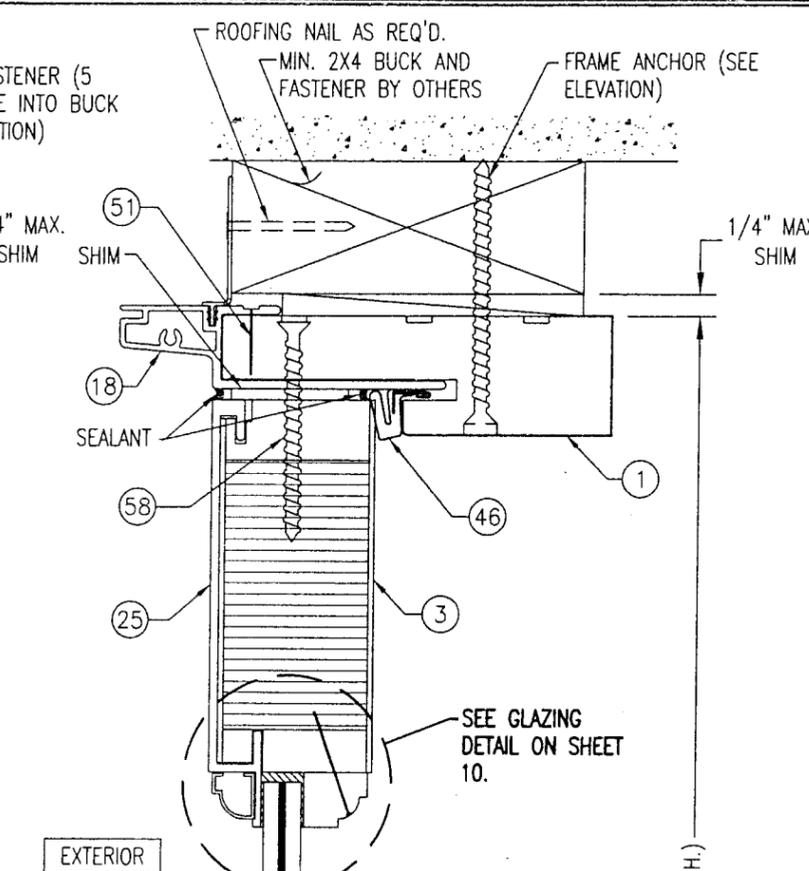
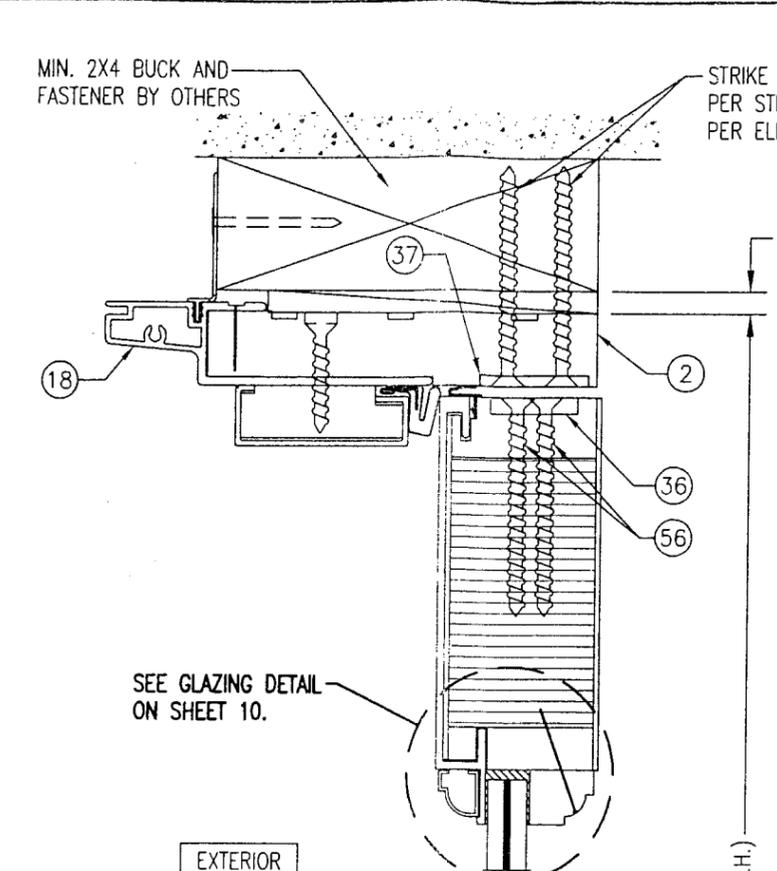
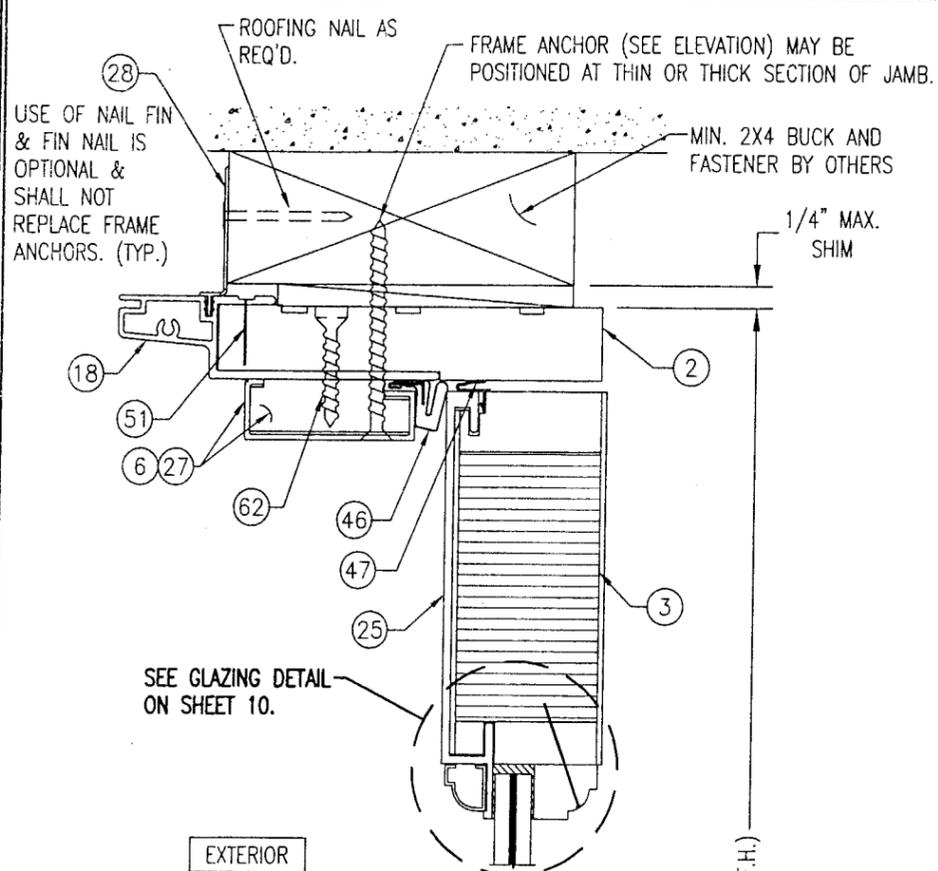
DRAWN BY: T.J.W.		CHECKED BY: W.W.S.	
PLOT: 1-16		DATE: 12/09/02	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE ALUMINUM CLAD MAHOGANY 1 3/4" OUTSWING & INSWING FRENCH DOORS			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903		MANUFACTURER PALM CITY MILLWORK, INC. 3313 S.W. 42ND AVE. PALM CITY, FL 34990 800-273-5598	
CERTIFICATION MAR 26 2003 <i>[Signature]</i> WARREN W. SCHAEFER, P.E. P.E. NO. 44135		DRAWING NO. 1197	
SHEET NO. 4 OF 12		REV.	



Approved as complying with the Florida Building Code
 Date 05/22/03
 NOAC 02-0111-10
 Miami Trade Product Control
 Division
 By: *Cherone Berman*

PRODUCT RENEWED as complying with the Florida Building Code
 Acceptance No 08-0425.06
 Expiration Date 5/22/2009
 By: *[Signature]*
 Miami Trade Product Control
 Division

DRAWING TITLE ALUMINUM CLAD MAHOGANY 1 3/4" OUTSWING & INSWING FRENCH DOORS	
DRAWN BY: T.J.W.	CHECKED BY: W.W.S.
PLOT: 1-2	DATE: 12/09/02
NO.	REVISION DESCRIPTION
DATE	BY
MANUFACTURER PALM CITY MILLWORK, INC. 3313 S.W. 42ND AVE. PALM CITY, FL 34990 800-273-5598	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903	
CERTIFICATION MAR 25 2003	WARREN W. SCHAEFER P.E. P.E. NO. 44135
DRAWING NO. 1197	REV.
SHEET NO. 5 OF 12	



SECTION D
SCALE: 1/2 FULL

SECTION E
SCALE: 1/2 FULL

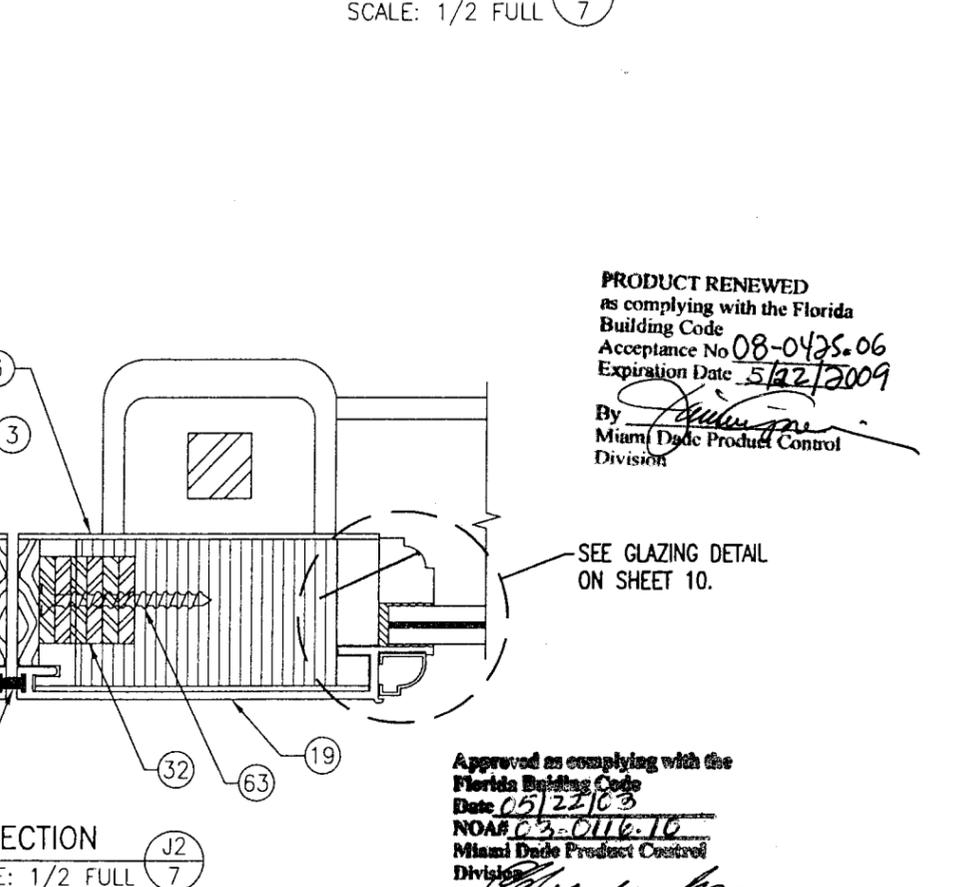
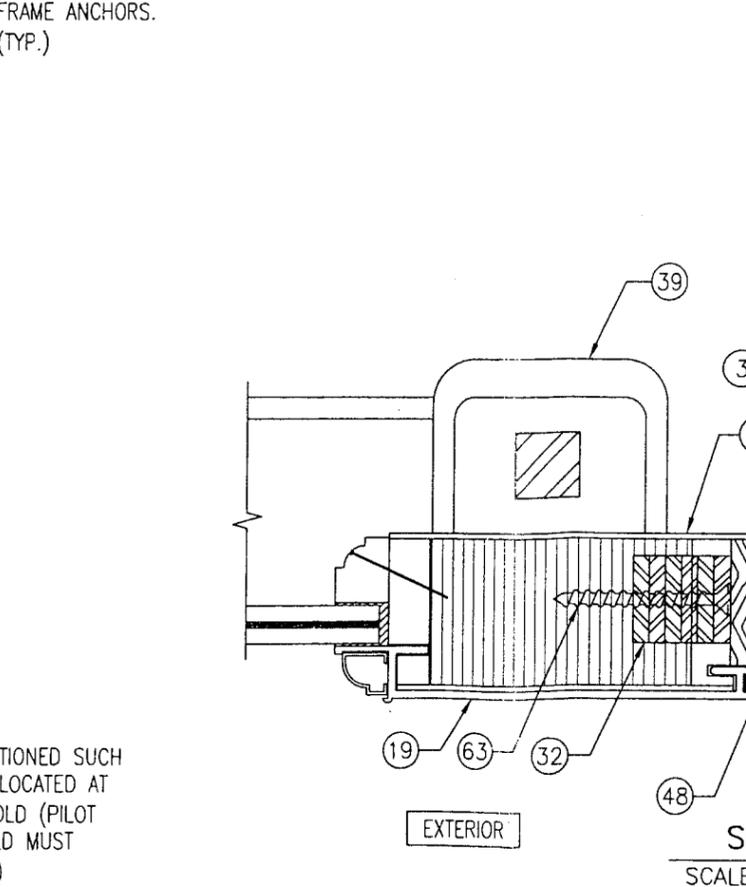
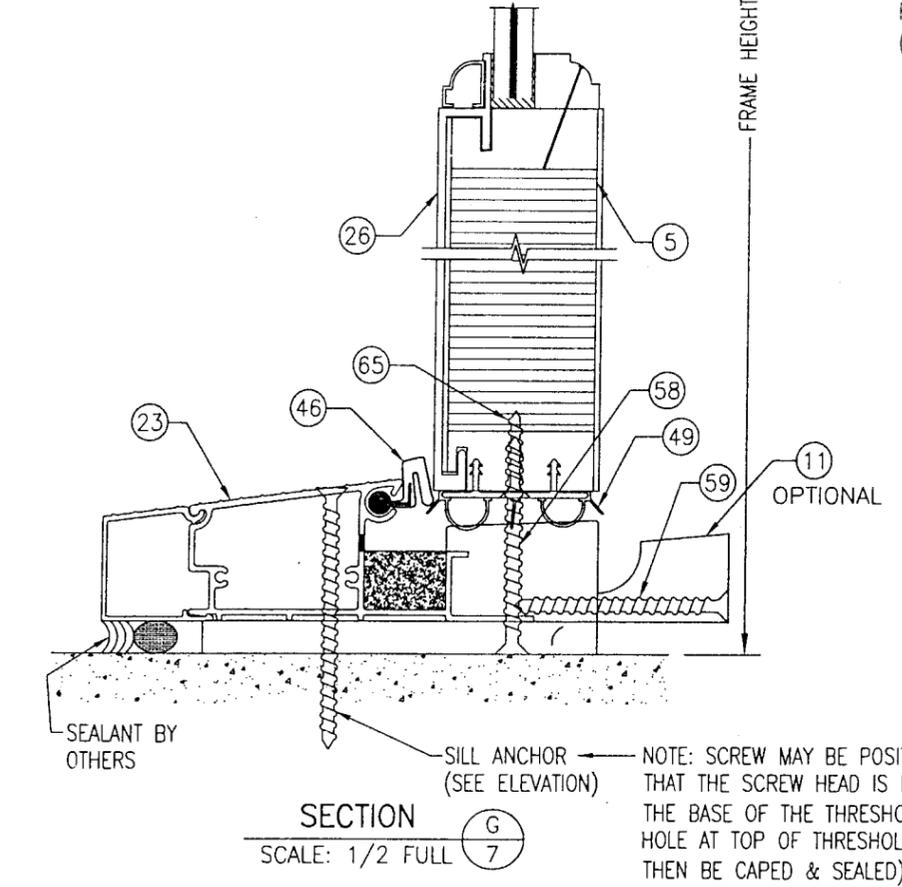
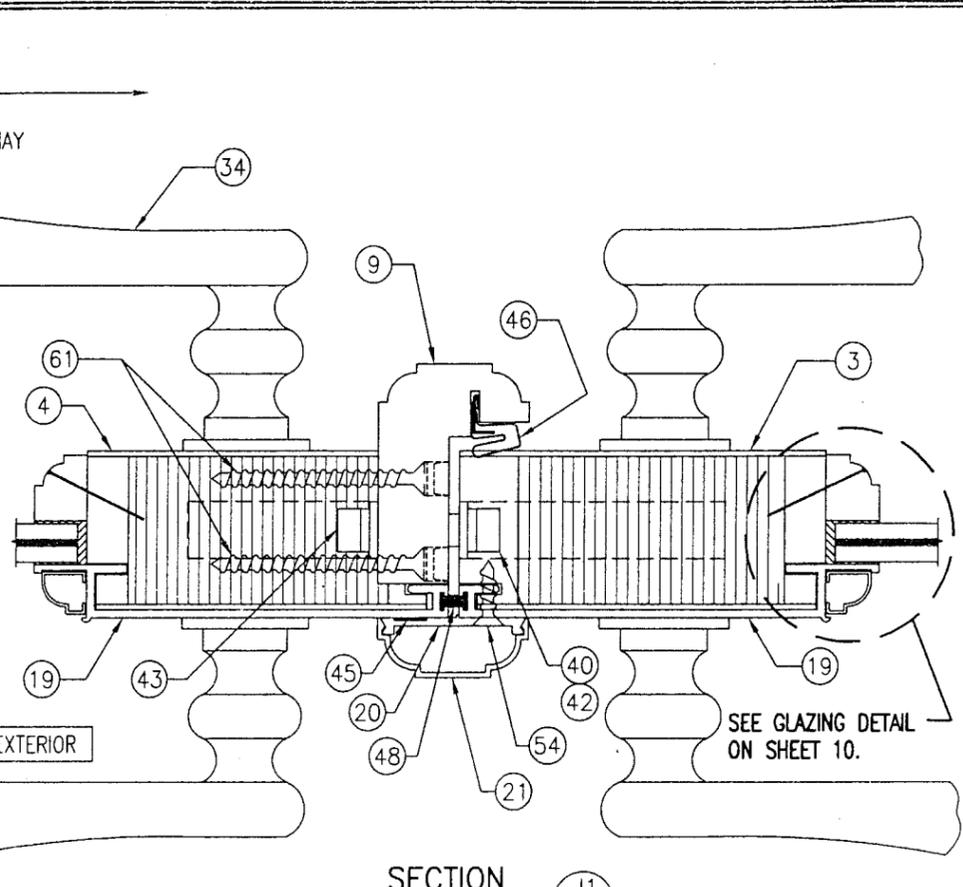
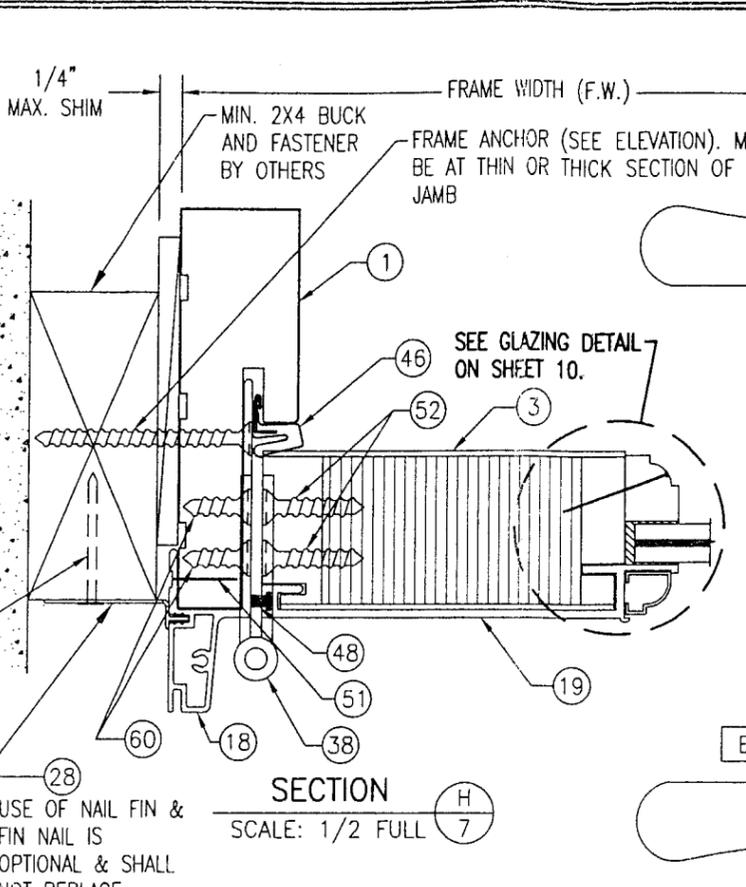
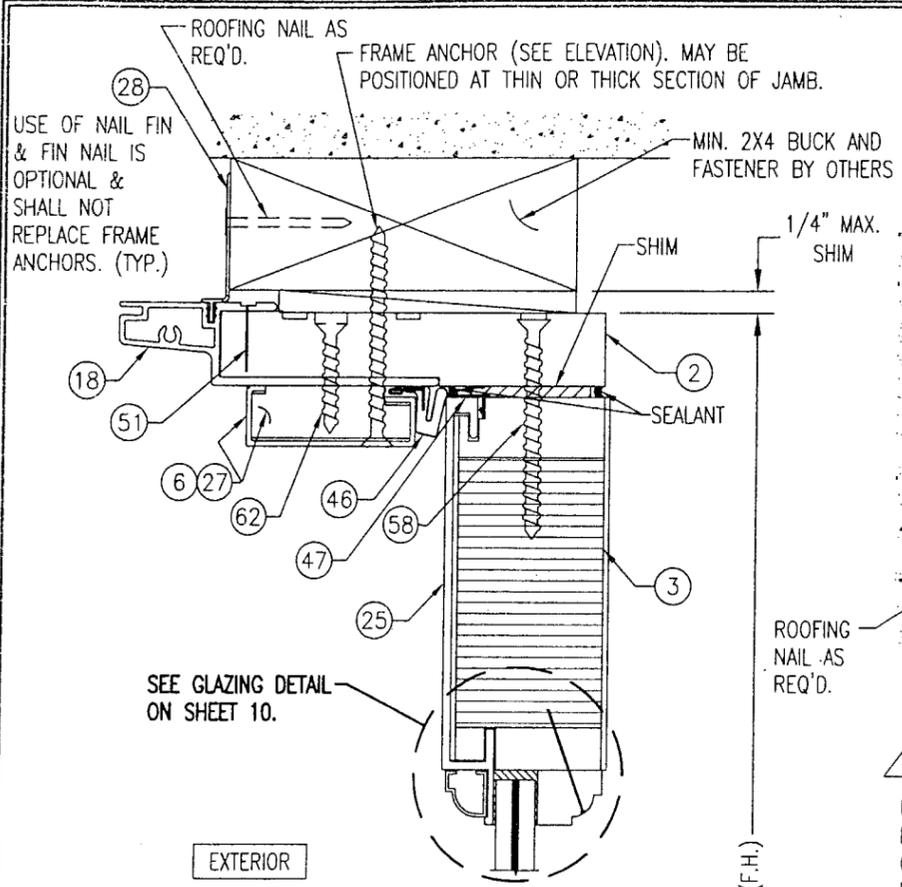
SECTION F
SCALE: 1/2 FULL

Approved as complying with the Florida Building Code
Date 05/22/03
NOAH 03-0116-10
Miami Dade Product Control
Division
By *Sherrill Berman*

FOR DETAIL NOT SHOWN, SEE SECTION "D".

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No 08-0425.06
Expiration Date 5/22/2009
By *Sherrill Berman*
Miami Dade Product Control Division

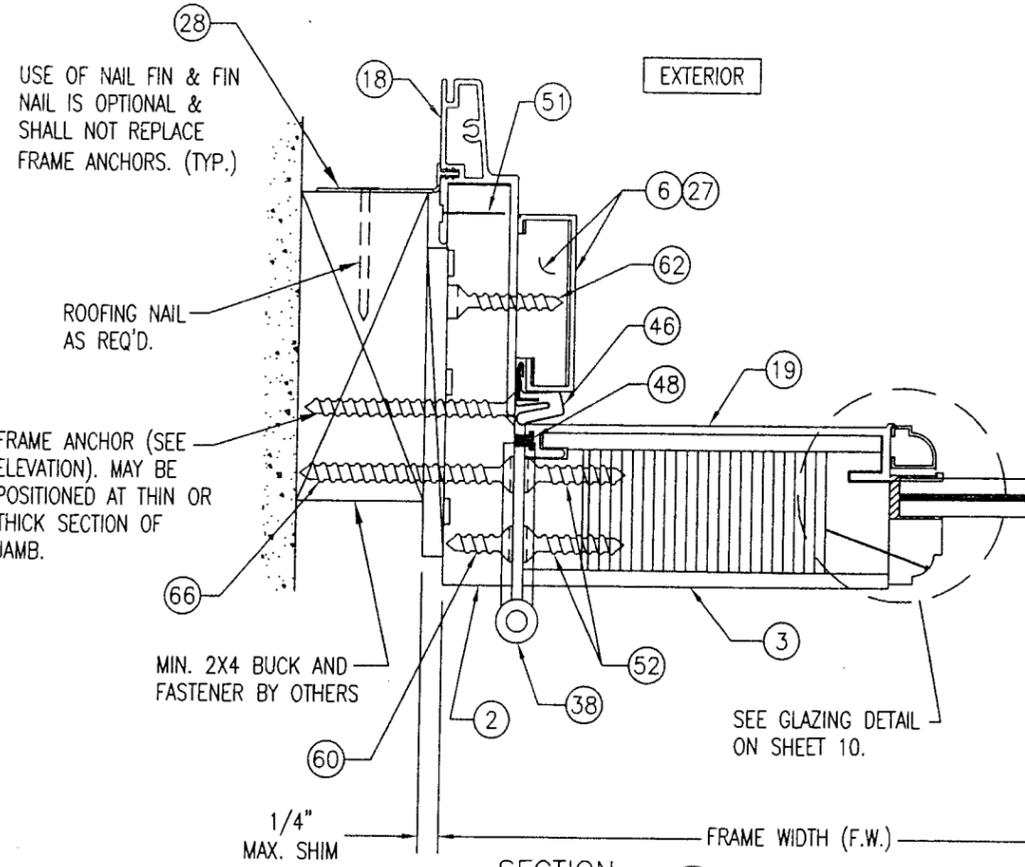
DRAWN BY: T.J.W.	CHECKED BY: W.W.S.
PLOT: 1-2	DATE: 12/09/02
NO.	REVISION DESCRIPTION
DATE	BY
DRAWING TITLE ALUMINUM CLAD MAHOGANY 1 3/4" OUTSWING & INSWING FRENCH DOORS	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903	MANUFACTURER PALM CITY MILLWORK, INC. 3313 S.W. 42ND AVE. PALM CITY, FL 34990 800-273-5598
CERTIFICATION <i>WARREN W. SCHAEFER</i> WARREN W. SCHAEFER, P.E. P.E. NO. 44135	DRAWING NO. 1197
	REV.
	SHEET NO. 6 OF 12



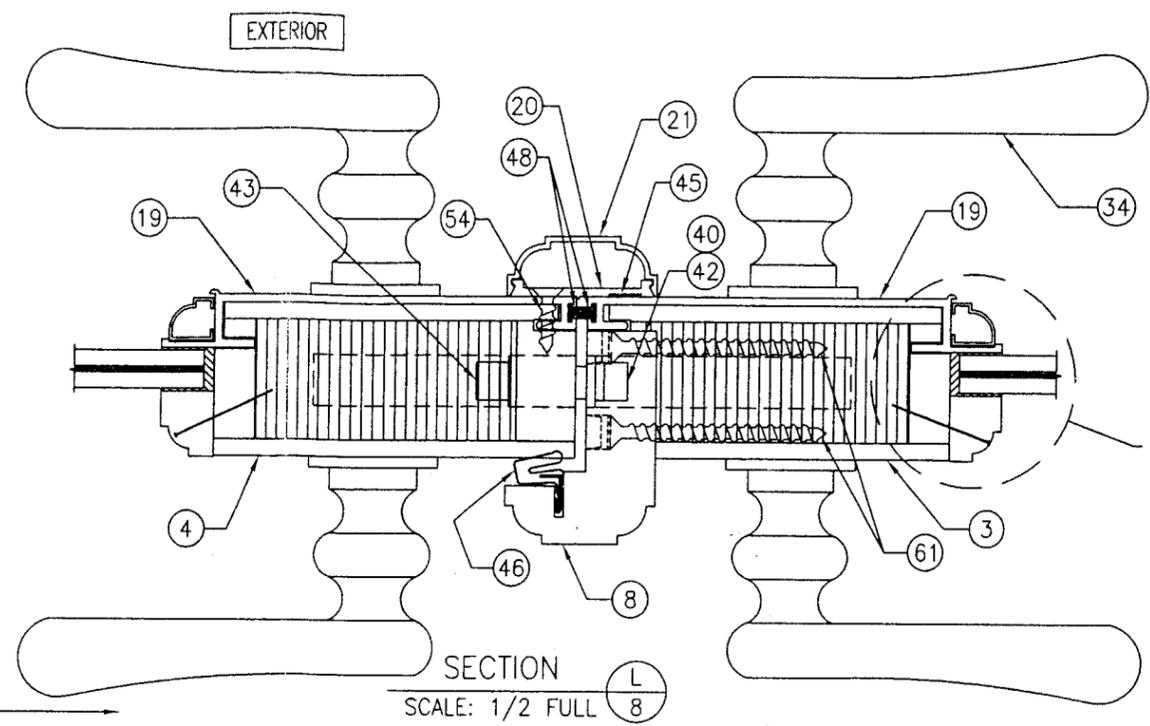
PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No 08-0425.06
 Expiration Date 5/22/2009
 By *[Signature]*
 Miami Dade Product Control
 Division

Approved as complying with the
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 Date 05/22/03
 NOAR 03-0116.10
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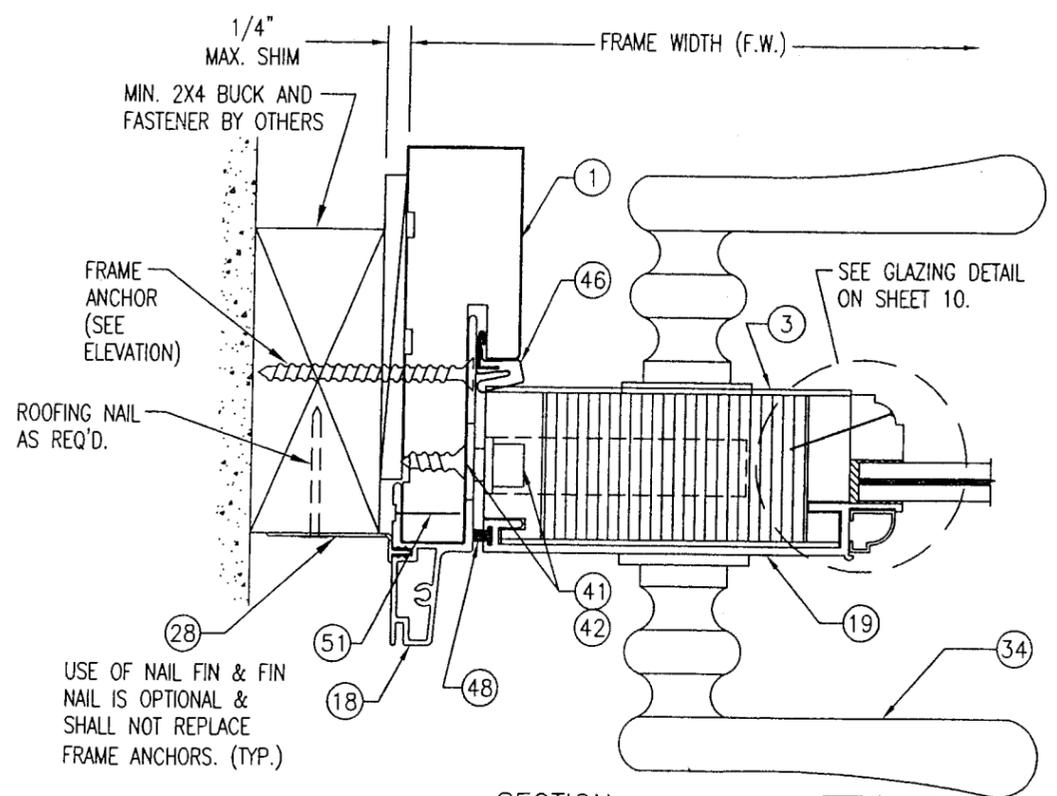
DRAWN BY: T.J.W.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 12/09/02	
NO.	REVISION	DESCRIPTION	DATE
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MANUFACTURER PALM CITY MILLWORK, INC. 3313 S.W. 42ND AVE. PALM CITY, FL 34990 800-273-5598			
CERTIFICATION MAR 26 2003		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1197		REV.	
SHEET NO. 7 OF 12			



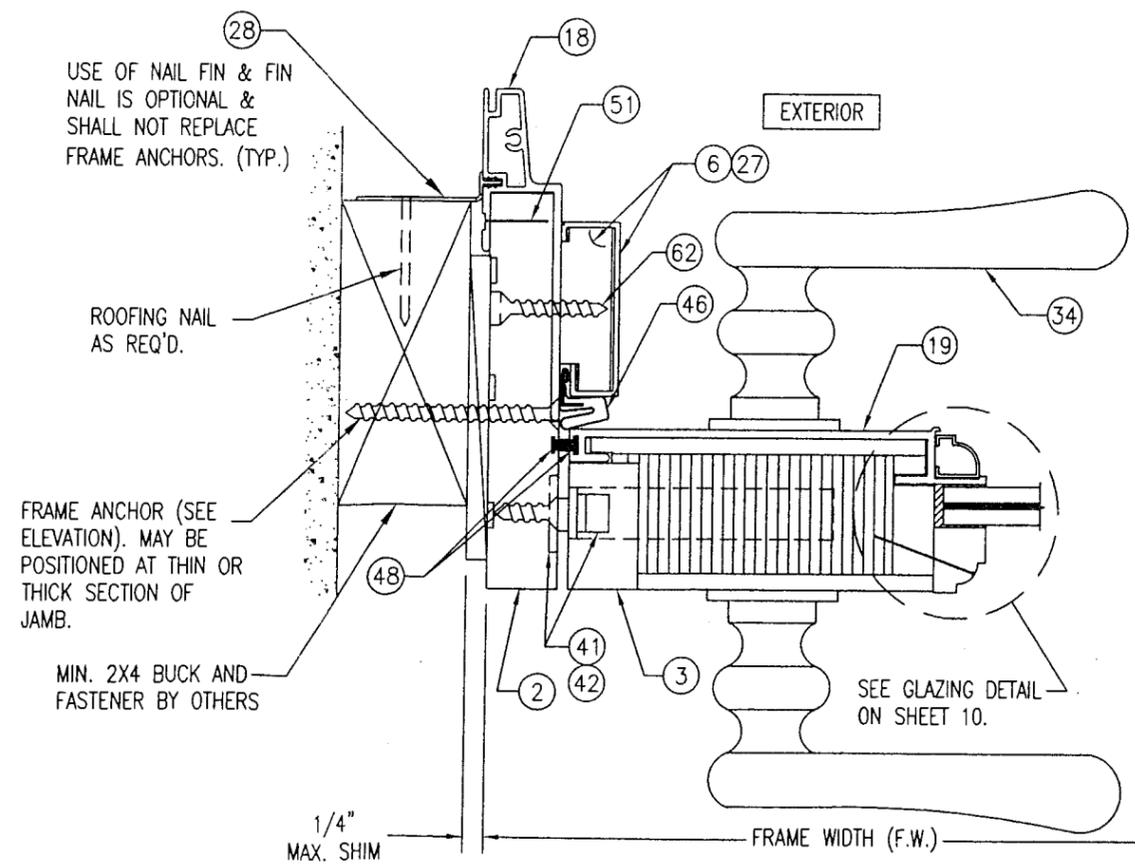
SECTION K
SCALE: 1/2 FULL



SECTION L
SCALE: 1/2 FULL



SECTION M
SCALE: 1/2 FULL

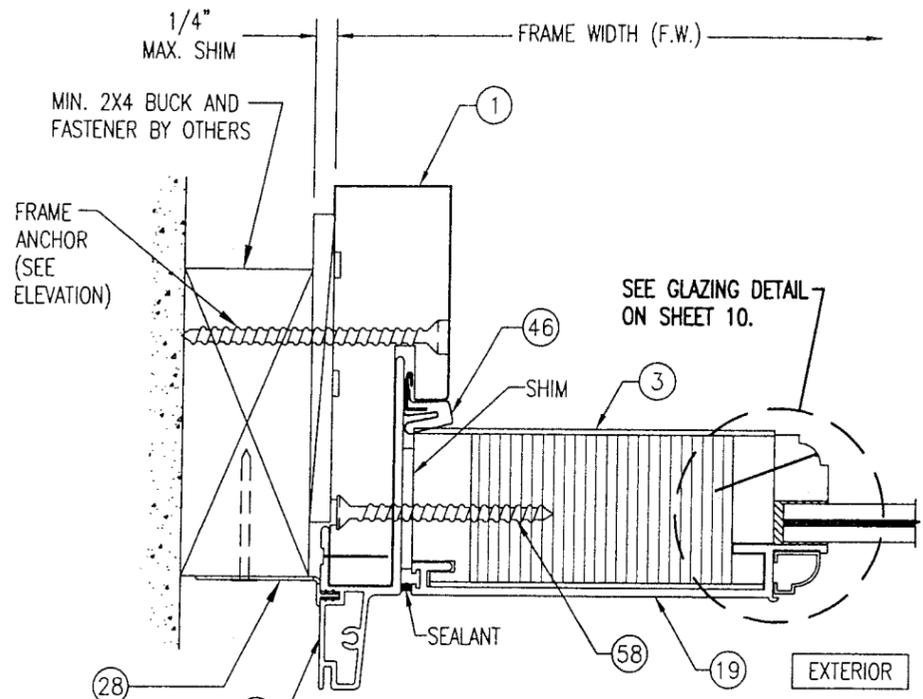


SECTION N
SCALE: 1/2 FULL

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Miami Code Product Control
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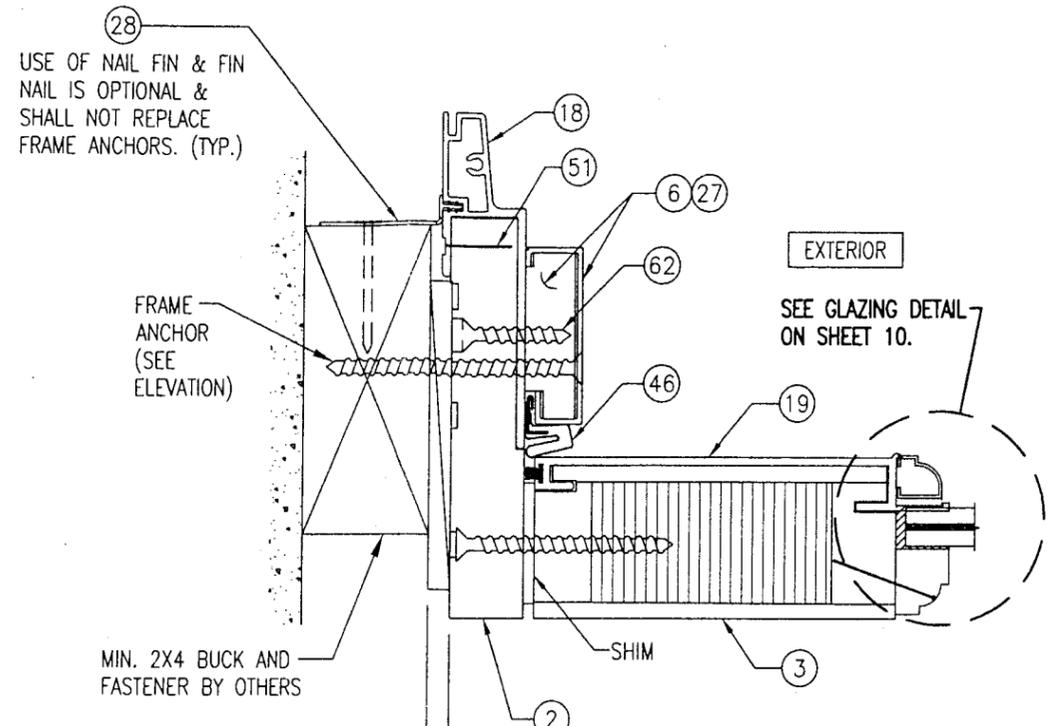
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PLOT: 1=2	DATE: 12/09/02
DATE	
BY	
REVISION DESCRIPTION	
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DRAWING TITLE ALUMINUM CLAD MAHOGANY 1 3/4" OUTSWING & INSWING FRENCH DOORS	
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CERTIFICATION MAR 6 2003 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1197	REV.
SHEET NO. 8	OF 12



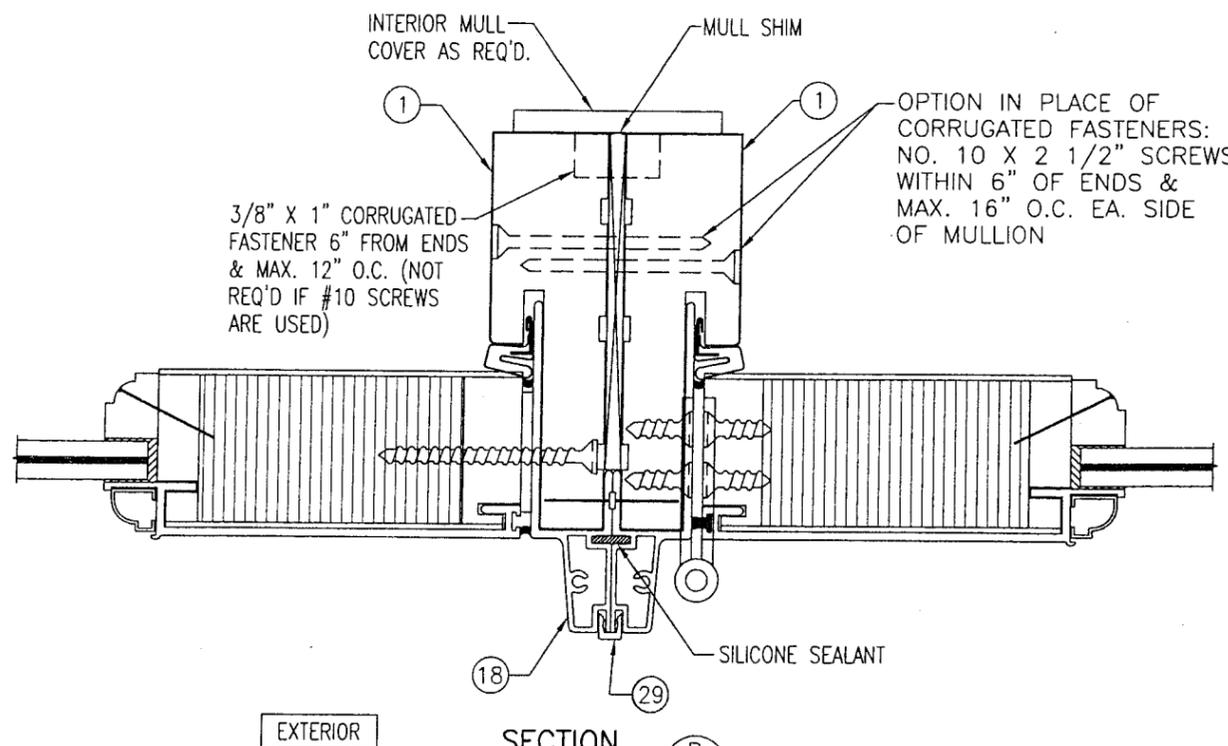
SECTION P
SCALE: 1/2 FULL
9

USE OF NAIL FIN & FIN NAIL IS OPTIONAL & SHALL NOT REPLACE FRAME ANCHORS. (TYP.)

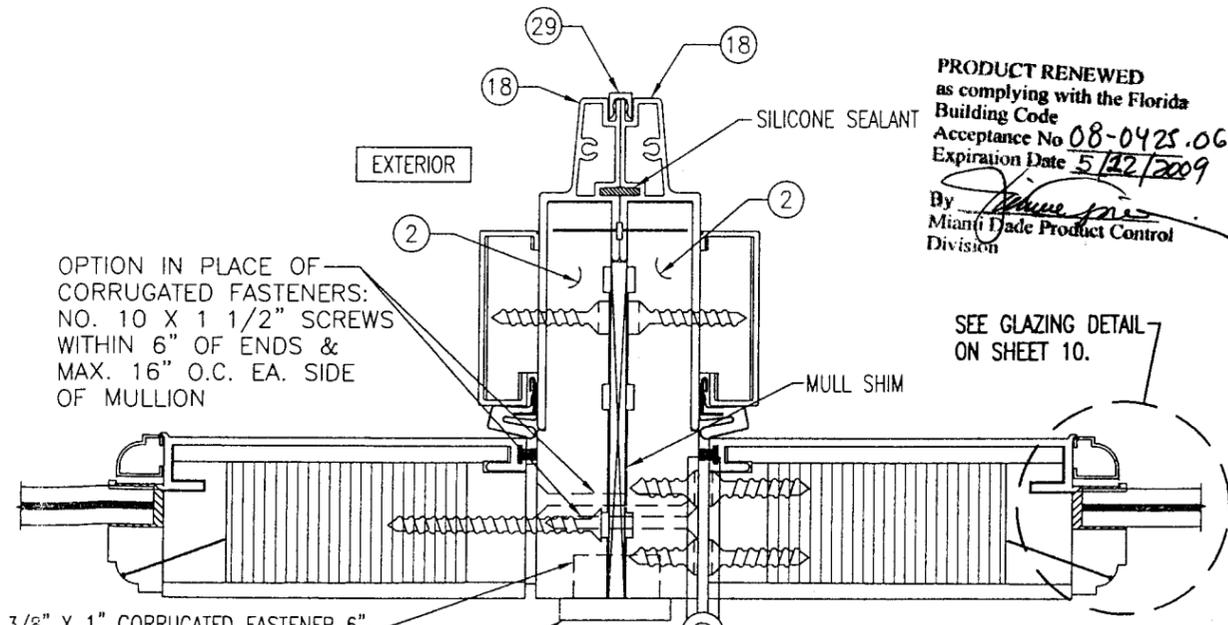


SECTION Q
SCALE: 1/2 FULL
9

USE OF NAIL FIN & FIN NAIL IS OPTIONAL & SHALL NOT REPLACE FRAME ANCHORS. (TYP.)



SECTION R
SCALE: 1/2 FULL
9

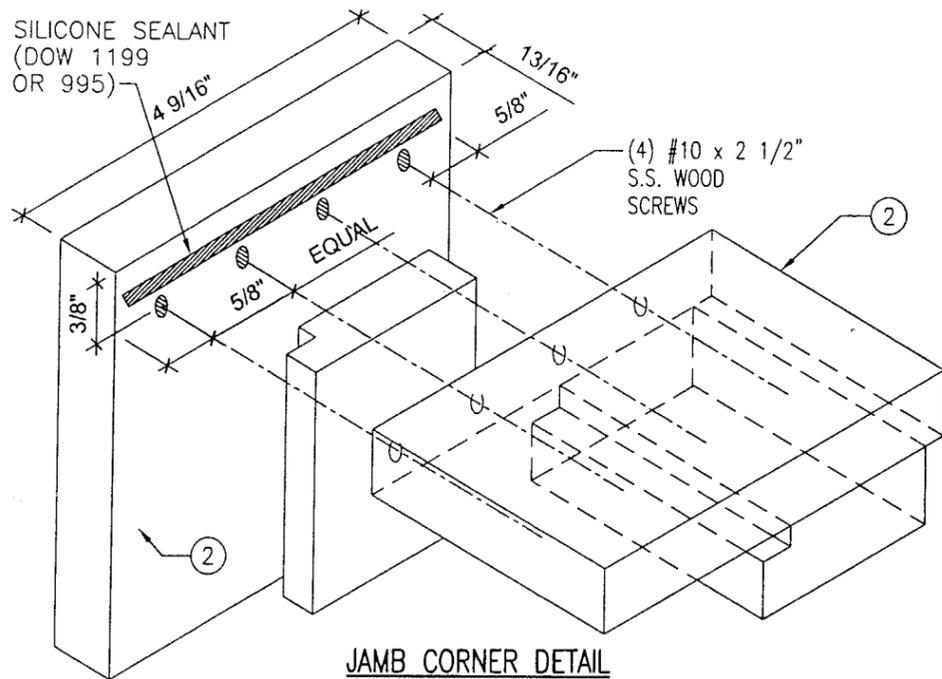


SECTION S
SCALE: 1/2 FULL
9

PRODUCT RENEWED
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Miami Trade Product Control Division

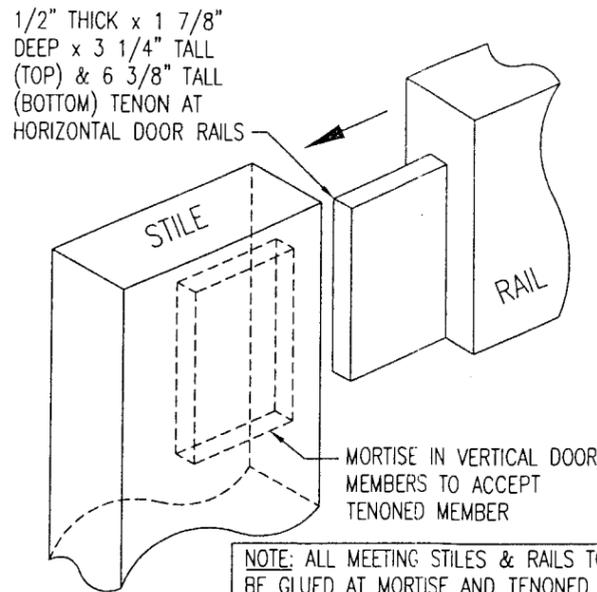
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Miami Trade Product Control
By *[Signature]*

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CERTIFICATION MAR 20 2003 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	DRAWING NO. 1197
	REV. SHEET NO. 9 OF 12



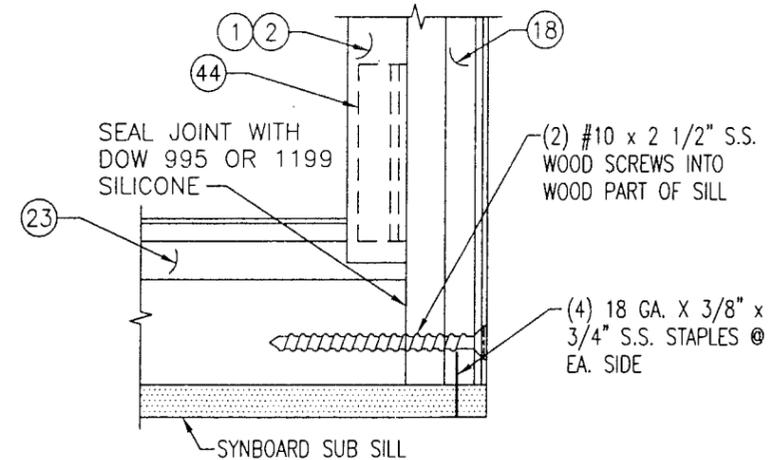
JAMB CORNER DETAIL

NOTE: CLAD CORNERS ARE MITER CUT & JOINED WITH (1) NO. 8 X 1" S.S. SMS SCREW (INSWING JAMB SHOWN; OUT-SWING JAMB IS SAME CONSTRUCTION)

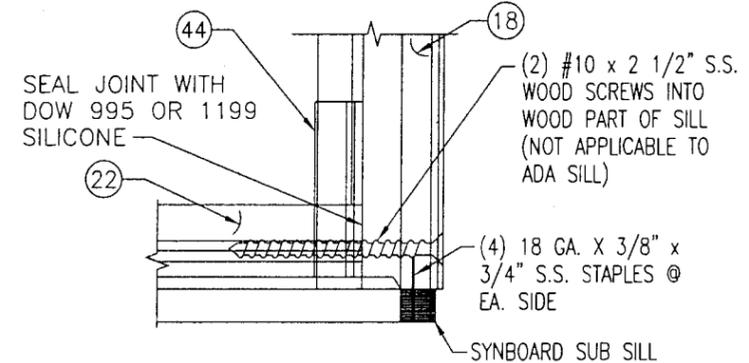


RAIL TO STILE CORNER DETAIL

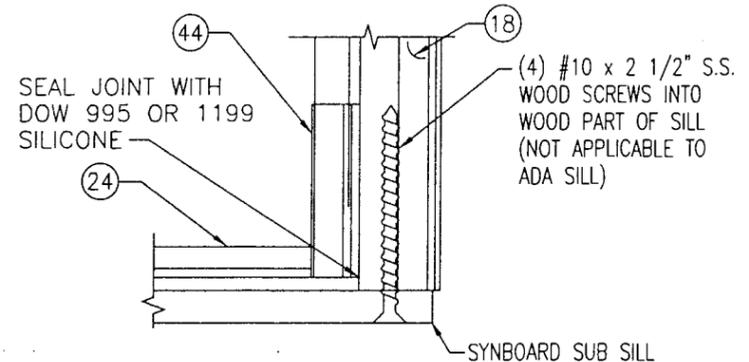
NOTE: ALL MEETING STILES & RAILS TO BE GLUED AT MORTISE AND TENONED MEMBERS WITH FRANKLIN INTERNATIONAL MULTIBOND-2000 WOOD GLUE



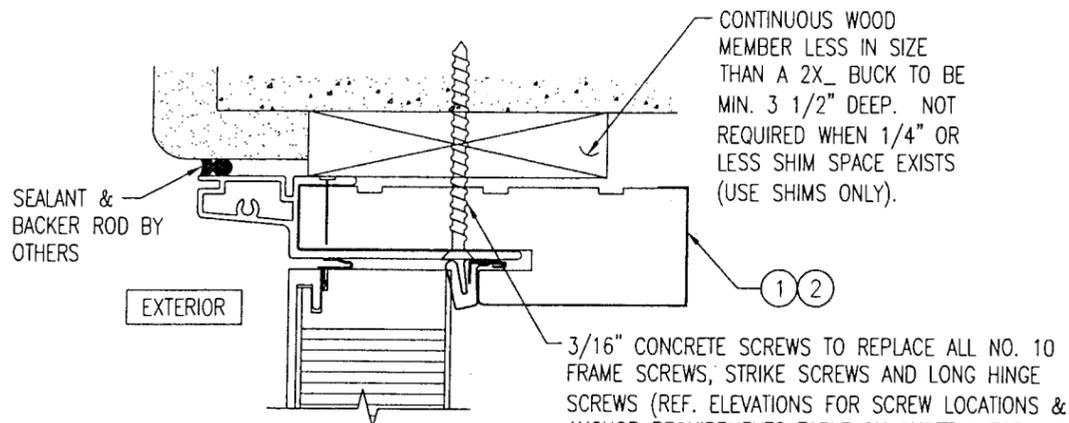
CORNER DETAIL @ SIDE JAMB & THRESHOLD (INSWING DOOR)



CORNER DETAIL @ SIDE JAMB & THRESHOLD (OUTSWING DOOR)

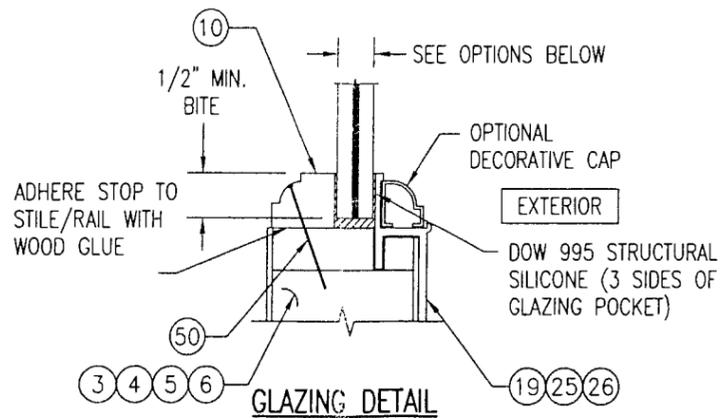


CORNER DETAIL @ SIDE JAMB & THRESHOLD (ADA THRESHOLD)



DIRECT MOUNT DETAIL

HEAD DETAIL SHOWN; OTHER JAMBS SIMILAR SEE OTHER SECTIONS FOR DETAIL NOT SHOWN



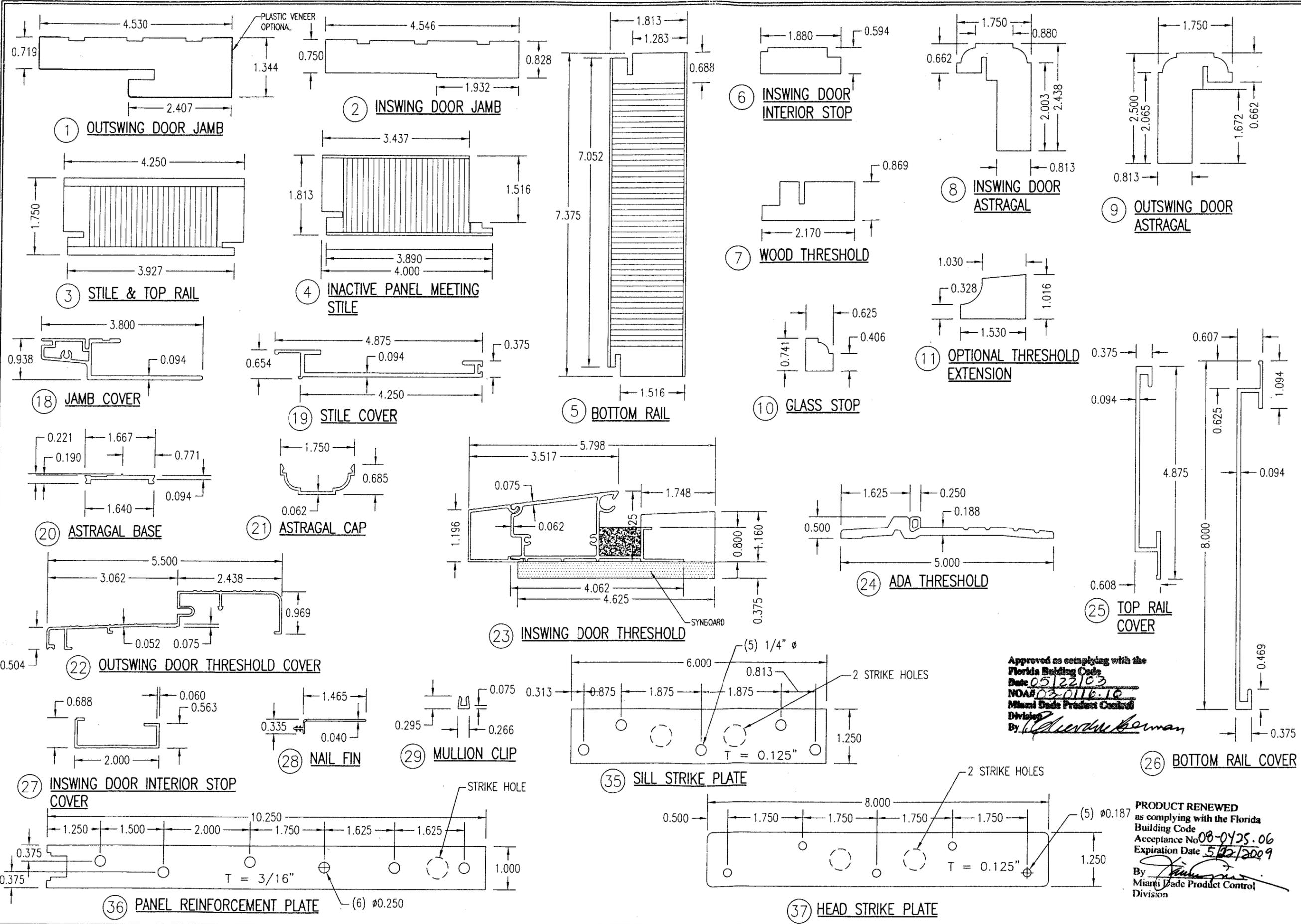
GLAZING DETAIL

- OPTION #1: 7/16" THICK SOLUTIA SAFLEX LAMINATED GLASS (3/16" ANNEALED/0.090" SAFLEX PVB/3/16" ANNEALED)
- OPTION #2: 7/16" THICK DUPONT SGP LAMINATED GLASS (3/16" ANNEALED/0.090" SGP/3/16" ANNEALED)
- OPTION #3: 1/2" THICK SMITH MOUNTAIN IMPACT SYSTEMS LAMINATED GLASS (3/16" ANNEALED/0.120" UVEKOL/3/16" ANNEALED)

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DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE: ALUMINUM CLAD MAHOGANY 1 3/4" OUTSWING & INSWING FRENCH DOORS			
MANUFACTURER: PALM CITY MILLWORK, INC. 3313 S.W. 42ND AVE. PALM CITY, FL 34990 800-273-5598			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903			
CERTIFICATION: MAR 26 2003 WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1197		REV.	
SHEET NO. 10 OF 12			



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PLOT: 1-2		DATE: 12/09/02	
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CERTIFICATION MAY 26 2003 WARREN W. SCHAEFER, P.E. P.E. NO. 44135		DRAWING NO. 1197	
SHEET NO. 11		REV. OF 12	

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS		
1	OUTSWING JAMB	WHITE (SUGAR) PINE
2	INSWING JAMB	WHITE (SUGAR) PINE
3	STILE & TOP RAIL	LVL CORE WITH MAHOGANY VENEER
4	INACTIVE PANEL MEETING STILE	LVL CORE WITH MAHOGANY VENEER
5	BOTTOM RAIL	LVL CORE WITH MAHOGANY VENEER
6	INSWING DOOR INTERIOR STOP	MAHOGANY
7	WOOD THRESHOLD	PINE
8	INSWING DOOR ASTRAGAL	MAHOGANY
9	OUTSWING DOOR ASTRAGAL	MAHOGANY
10	GLASS STOP	MAHOGANY
11	THRESHOLD EXTENSION	OAK
12	SUBSILL	3/8" X 4 5/8" X SILL LENGTH COMPOSITE
18	JAMB COVER	6063-T5 ALUMINUM
19	STILE COVER	6063-T5 ALUMINUM
20	ASTRAGAL BASE	6063-T5 ALUMINUM
21	ASTRAGAL CAP	6063-T5 ALUMINUM
22	THRESHOLD COVER	6063-T5 ALUMINUM
23	INSWING DOOR THRESHOLD	SCHLEGEL HYDRO SILL; 6063-T5 ALUMINUM & OAK
24	ADA THRESHOLD	6063-T5 ALUMINUM
25	TOP RAIL COVER	6063-T5 ALUMINUM
26	BOTTOM RAIL COVER	6063-T5 ALUMINUM
27	INSWING DOOR INTERIOR STOP COVER	6063-T5 ALUMINUM
28	NAIL FIN (OPTIONAL)	VINYL
29	MULLION CLIP	6063-T5 ALUMINUM
31	FLAT BAR 3/16" x 1" x 94"	A36 STEEL (6 PER PANIC DOOR PANEL)
HARDWARE		
34	HANDLE	AS REQUIRED TO OPERATE DOOR
35	SILL STRIKE PLATE	6063-T5 ALUMINUM
36	PANEL REINFORCEMENT PLATE	304 S.S.
37	HEAD STRIKE PLATE	6063-T5 ALUMINUM
38	HINGE (BRASS, S.S., OR PLATED STEEL)	HAGER #1191 4 1/2" X 4 1/2"
39	PANIC LOCK DEVICE	VON DUPRIN, INC. 98/9927
40	6-POINT LOCK HARDWARE	G-U RINO #G-20384-22-0-3
41	4-POINT LOCK HARDWARE	G-U RINO #G-20384-22-0-3
42	5-POINT LOCK HARDWARE	K.F.V. #AS7370
43	2-POINT FLUSH BOLT ASSEMBLY	HAGER #282 OR KJV AS7000
SEALS & SEALANTS		
44	CORNER WEATHERSTRIP	SIMPLE SOLUTION, 0.600" X 1.782"
45	FOAM WEATHER STRIPPING	CLEAN SEAL RIBBED FOAM ADHESIVE
46	WEATHER STRIP	SCHLEGEL Q-LON #QEBD-650
47	POLYFLEX SEAL	SCHLEGEL #PF-109
48	SEAL	SCHLEGEL 5/32" BLACK FIN SEAL
49	DOOR SWEEP	VINYL

BILL OF MATERIALS		
ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
FASTENERS		
50	18 GA. X 1" FINISH NAIL	2" FROM CORNERS & 5" MAX. O.C.
51	18 GA. X 7/8" X 3/4" S.S. STAPLES	5" FROM CORNERS & 6" MAX. O.C.
52	#12 X 1 1/8" FH SS WOOD SCREW	4 PER HINGE INTO DOOR PANEL
54	#8 X 3/4" S.S. SCREW	6" FROM TOP & BOTTOM & 6" MAX. O.C.
55	#8 X 1" FH WOOD SCREW	3 PER HEAD STRIKE PLATE
56	#10 X 2 1/2" FH SS SMS	6 PER REINFORCEMENT PLATE
58	#10 X 2 1/2" FH SS SMS	5" FROM ENDS & 16" MAX. O.C.
59	#10 X 2 1/2" FH SS WOOD SCREW	3 PER THRESHOLD EXTENSION (AT ENDS & MID SPAN)
60	#12 X 3/4" WOOD SCREW	4 PER HINGE INTO JAMB @ OUTSWING DOOR (3 @ INSWING)
61	#10 X 2 1/2" FH SS WOOD SCREW	TWO 2" FROM TOP & BOT. & 12" O.C., STAGGERED
62	#8 X 1 1/4" WOOD SCREW	4" FROM ENDS & 12 O.C.
63	#8 X 2" S.S. WOOD SCREW	2" FROM TOP & BOTTOM & 12" MAX. O.C.
65	#6 X 1" FH WOOD SCREW	2" FROM ENDS & AT MIDPOINT OF DOOR RAIL
66	#12 X 2 1/2" FH SS WOOD SCREW	1 PER HINGE INTO BUCK (AT INSWING DOORS ONLY)

HAGER SYSTEM CONSISTS OF A SINGLE MANUAL ACTIVATED FLUSH BOLT AT EACH THE HEAD & SILL; KJV SYSTEM IS A SINGLE ACTIVATED 2-POINT LOCK.

* WOOD USED WITH TEST UNITS WAS SELECT WHITE PINE AT JAMBS AND SELECT MAHOGANY AT ALL VANEERS, STOPS AND ASTRIGALS. ALTERNATE WOOD SPECIES TO BE APPLICABLE WITH THESE DOORS AS A MAHOGANY SUBSTITUTE IS SELECT RED OAK, REDWOOD, FIR, RED MAPLE, HICKORY, DOUGLAS FIR, CHERRY OR BIRCH. AS A SUBSTITUTE FOR THE JAMBS, ALL WOODS ABOVE ARE APPLICABLE WITH THE ADDITION OF SOUTHERN PINE & MAPLE.

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