



**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)**

---

**Palm City Millwork  
3313 SW 42<sup>nd</sup> Ave.  
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 High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: Aluminum Clad Mahogany Outswing & Inswing French Doors**

**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 Approval 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**

**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 consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Theodore Berman, P.E.**

**NOA No 03-0116.10  
Expiration Date: May 22, 2008  
Approval Date: May 22, 2003  
Page 1**



**Palm City Millwork**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

(For File ONLY. Not part of NOA)

**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 202-94along 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 202-94along 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.



Theodore Berman, P.E.

Deputy Director, Product Control Division

NOA No 03-0116.10

Expiration Date: May 22, 2008

Approval Date: May 22, 2003

**Palm City Millwork**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

(For File ONLY. Not part of NOA)

**D. MATERIAL CERTIFICATIONS**

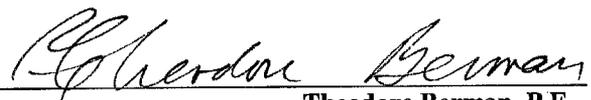
1. Notice of Acceptance No. **02-0117.06** issued to Solutia, Inc. for "Saflex HP and Saflex HPc" dated 4/18/02, expiring on 4/18/03.
2. Notice of Acceptance No. **01-1204.01** issued to EI. DuPont DeNemours, Inc. for "Sentry Glass (R) Plus" dated 1/17/02, expiring on 1/14/07.
2. Notice of Acceptance No. **01-0205.02** issued to Solutia, Inc. for "Saflex / Keepsafe Maximum" dated 5/17/02, expiring on 5/21/06.
3. Notice of Acceptance No. **99-0302.04** issued to UCB Chemicals Corporation for "Uvekol - Liq. Resin to adhere Glass" dated 2/8/01, expiring on 2/8/04.

**E. STATEMENTS**

1. Statement letter of conformance, dated 1/9/03, 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).



Theodore Berman, P.E.

Deputy Director, Product Control Division

NOA No 03-0116.10

Expiration Date: May 22, 2008

Approval Date: May 22, 2003

DRAWN BY: T.J.W. CHECKED BY: W.W.S.  
 PLOT: 1-16 DATE: 12/09/02

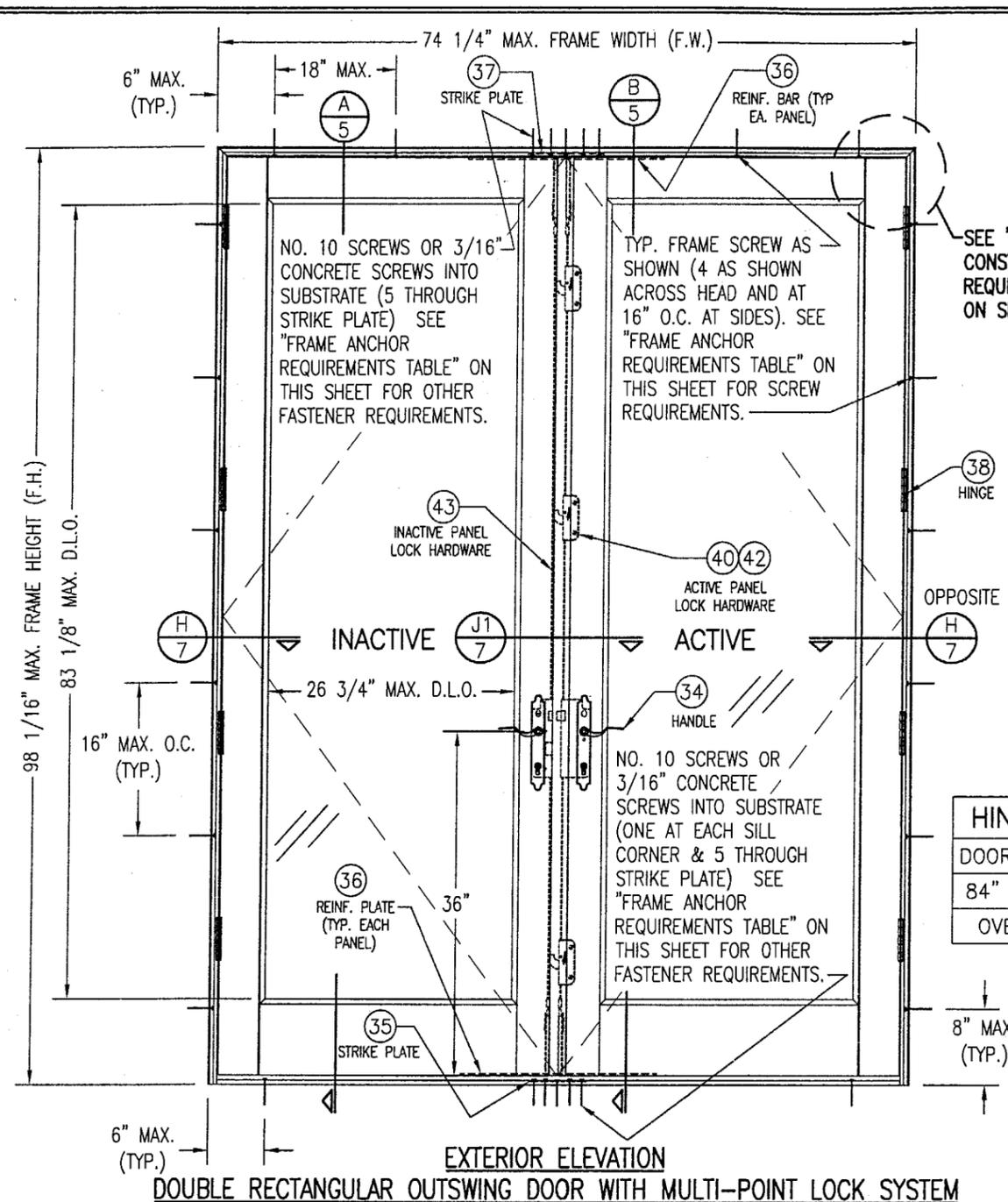
NO.	REVISION DESCRIPTION	DATE	BY

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: 561-775-4803

CERTIFICATION  
 MAR 26 2003  
 WARRICK W. SCHAEFER, P.E.  
 P.E. NO. 44135

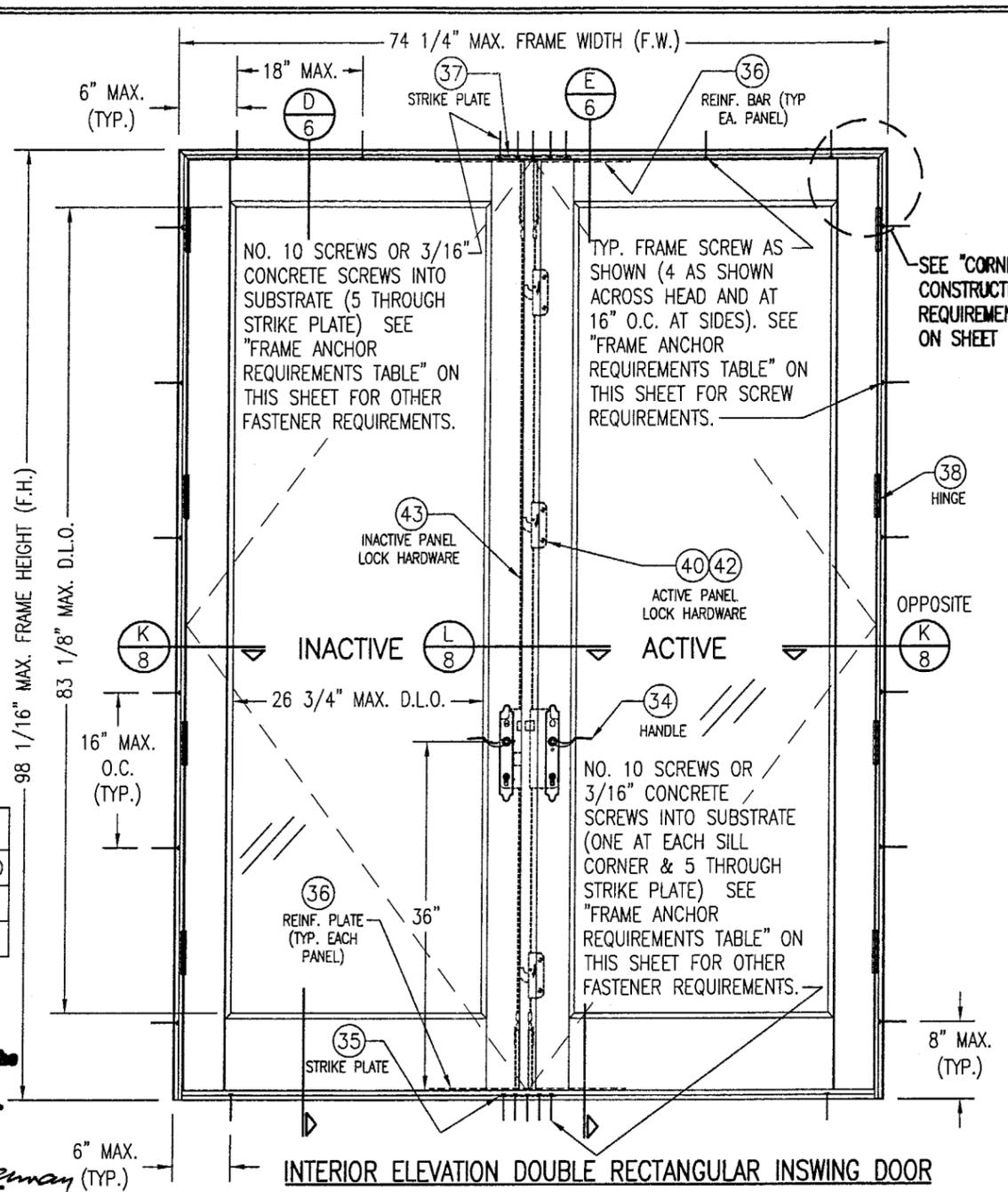
DRAWING NO. 1197  
 SHEET NO. 1 OF 12



SEE "CORNER CONSTRUCTION REQUIREMENTS" ON SHEET 10.

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

Approved as complying with the Florida Building Code  
 Date: 05/22/03  
 NOAS 03-0116.10  
 Miami Code Product Control  
 By: *Richard Berman*



SEE "CORNER CONSTRUCTION REQUIREMENTS" ON SHEET 10.

- 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.

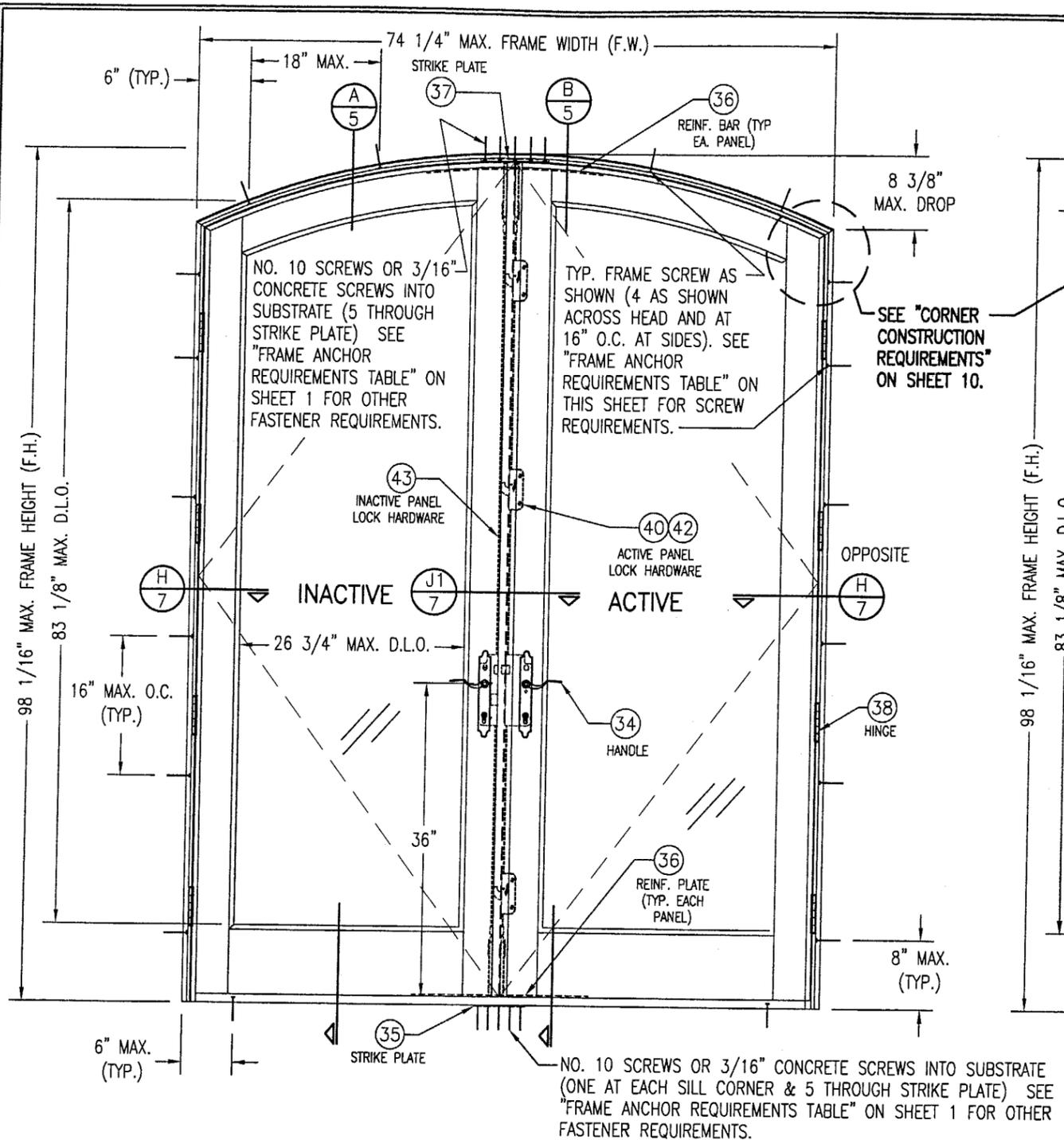
* FRAME ANCHOR REQUIREMENTS TABLE			
OPENING TYPE (SUBSTRATE)	JAMB TO OPENING FASTENER TYPE	MINIMUM EMBEDMENT	MINIMUM EDGE DIST.
2X_ WOOD FRAME OR BUCK	NO. 10 SMS SCREW	1 1/4"	1"
CMU/CONCRETE	(1) 3/16" CONCRETE SCREWS	1 1/4"	2"

(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).

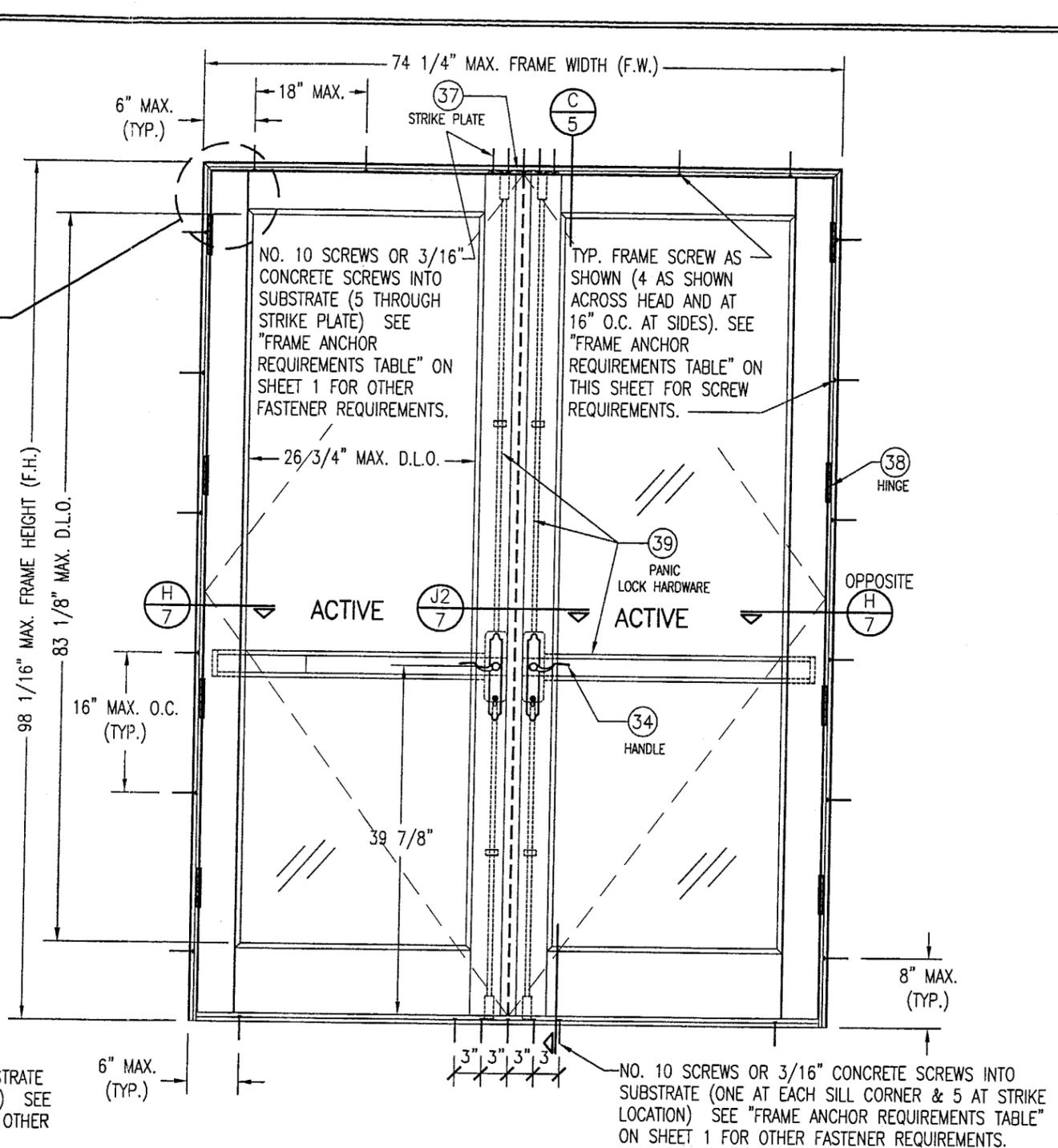
LOCK SYSTEM USED	(1) POSITIVE		NEGATIVE
	WATER RESISTANCE REQUIRED	WATER RESISTANCE NOT REQUIRED	
PANIC DEVICE (APPLICABLE TO OUT-SWING DOORS ONLY)	N/A	50 PSF	45 PSF
MULTI-POINT WITH IN-SWING DOORS	N/A	60 PSF	60 PSF
MULTI-POINT WITH OUT-SWING DOORS	60 PSF	60 PSF	60 PSF

(1) WHERE WATER INFILTRATION RESISTANCE IS A REQUIREMENT, THE 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.



**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.

Approved as complying with the  
 Florida Building Code  
 Date 05/22/03  
 NOA# 03-0116.10  
 Miami Dade Product Control  
 Division  
 By *Alfreda Barman*

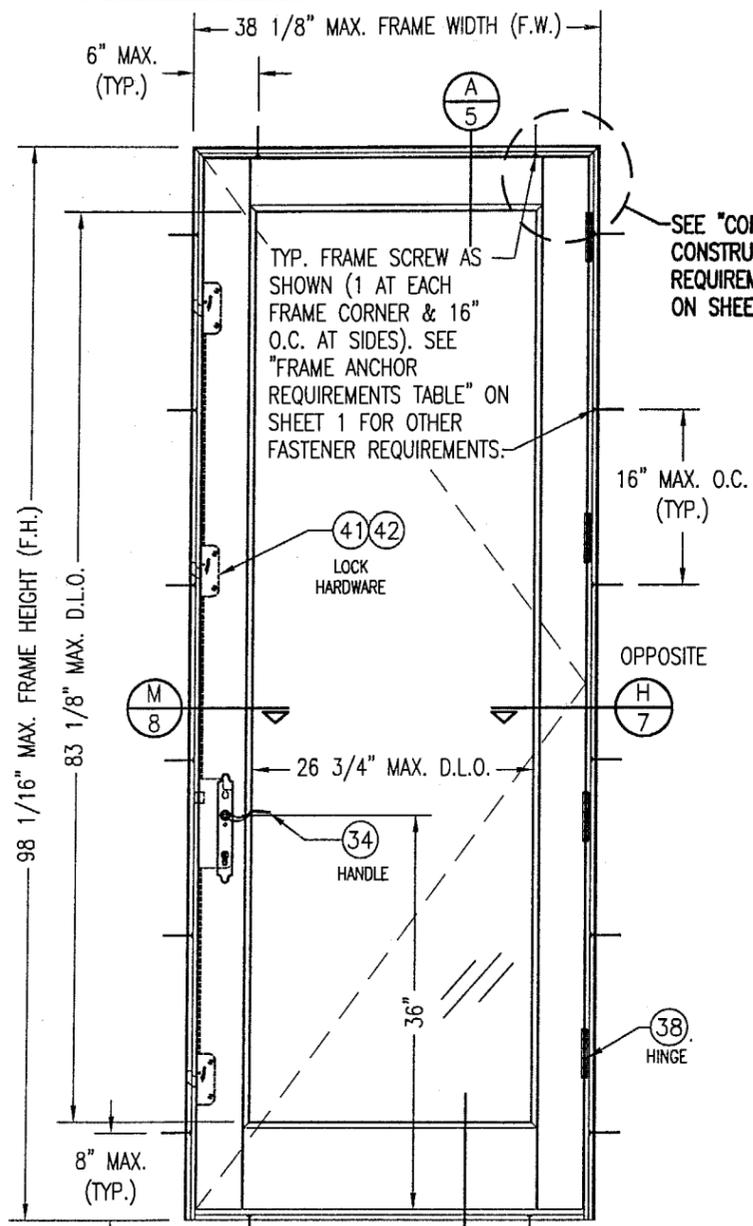
DRAWN BY:	T.J.W.	CHECKED BY:	W.W.S.
PLOT:	1=16	DATE:	12/09/02
NO.		REVISION DESCRIPTION	
DATE		BY	

**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

DRAWING TITLE	ALUMINUM CLAD MAHOGANY 1 3/4" OUTSWING & INSWING FRENCH DOORS		
CERTIFICATION	MAR 26 2003	WARREN W. SCHAEFER, P.E.	P.E. NO. 44135
DRAWING NO.	1197	REV.	
SHEET NO.	2 OF 12		

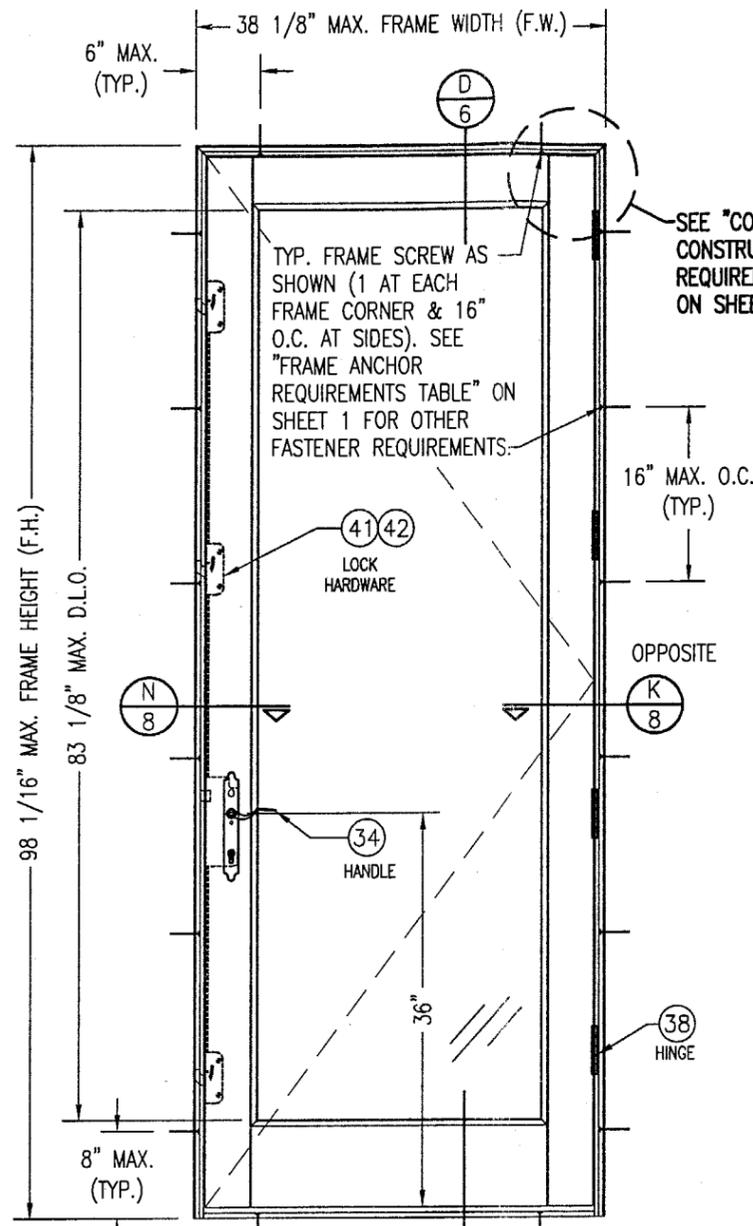




NO. 10 SCREWS OR 3/16" CONCRETE SCREWS INTO SUBSTRATE (ONE AT EACH SILL CORNER) SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR OTHER FASTENER REQUIREMENTS.

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

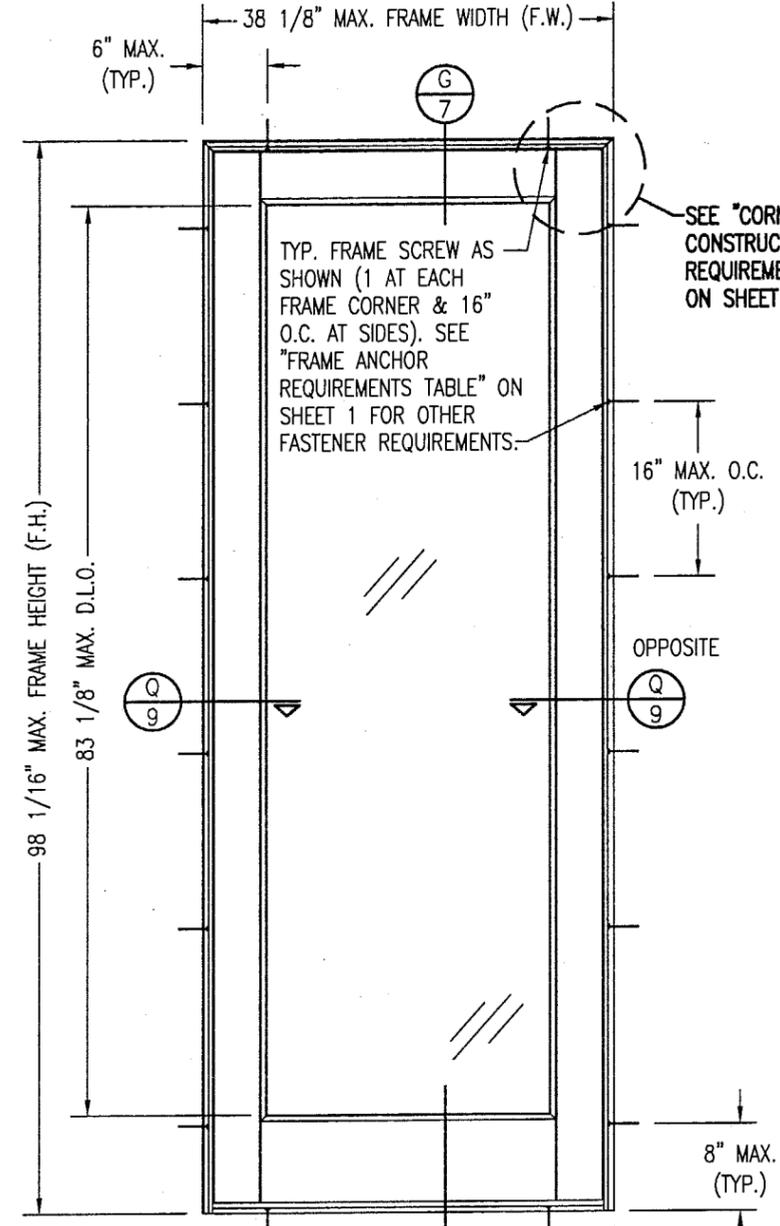
- NOTE: 1) PANIC DEVICE LOCK SYSTEM IS ALSO APPLICABLE TO THIS DOOR. SEE ACTIVE PANEL ON DOUBLE PANIC DOOR ELEVATION FOR DETAIL.  
2) RECTANGULAR DOOR SHOWN, FULL OR HALF ARCH TOP ALSO IS APPLICABLE WITHIN LIMITATIONS OF DOUBLE ARCH TOP ELEVATION ON SHEET 2.



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.

**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.



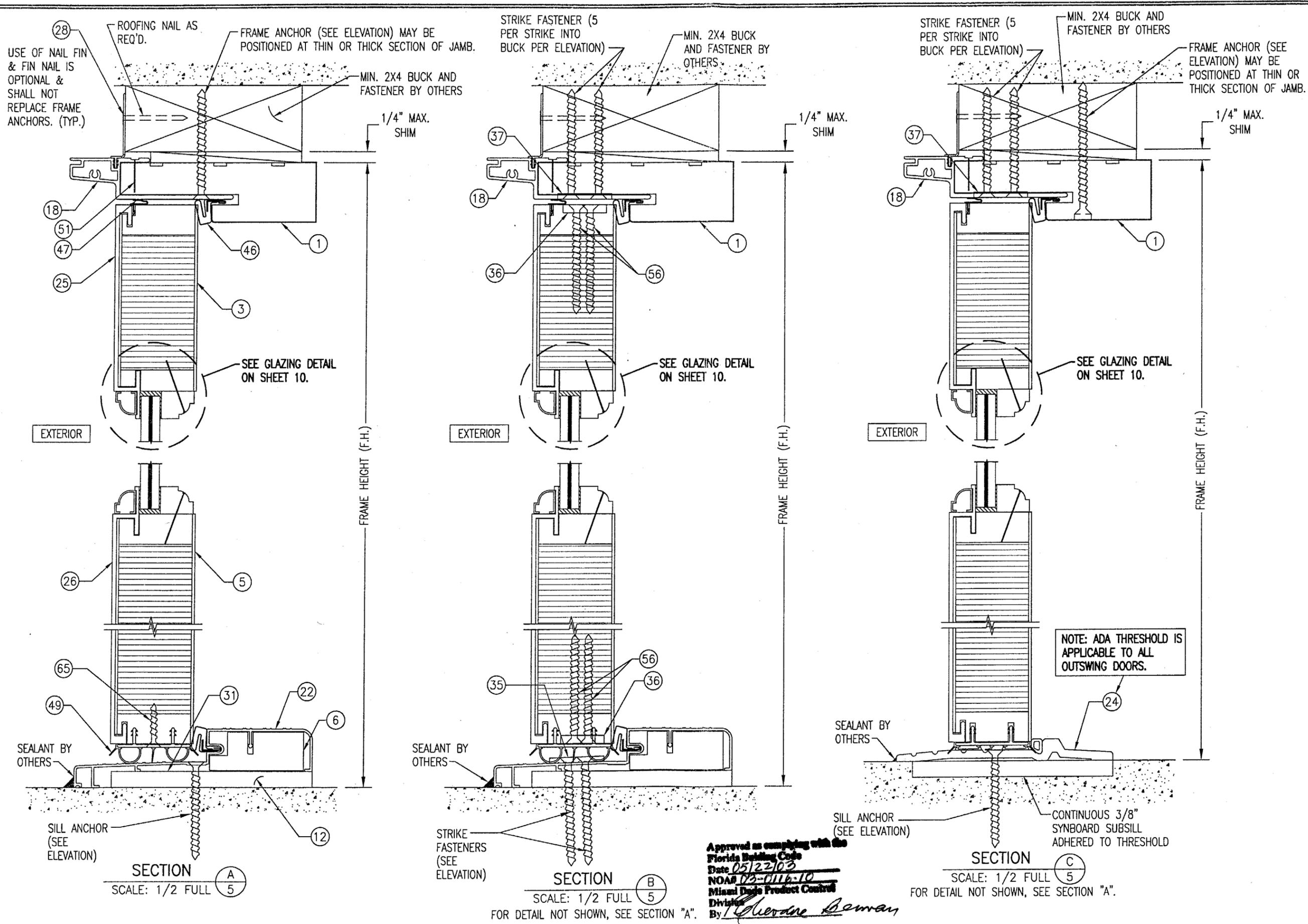
NO. 10 SCREWS OR 3/16" CONCRETE SCREWS INTO SUBSTRATE (ONE AT EACH SILL CORNER) SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR OTHER FASTENER REQUIREMENTS.

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

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

Approved as complying with the  
Florida Building Code  
Date 03/22/03  
NOA# 03-0116-10  
Miami Dade Product Control  
Division  
By *Warren W. Schaeffer*

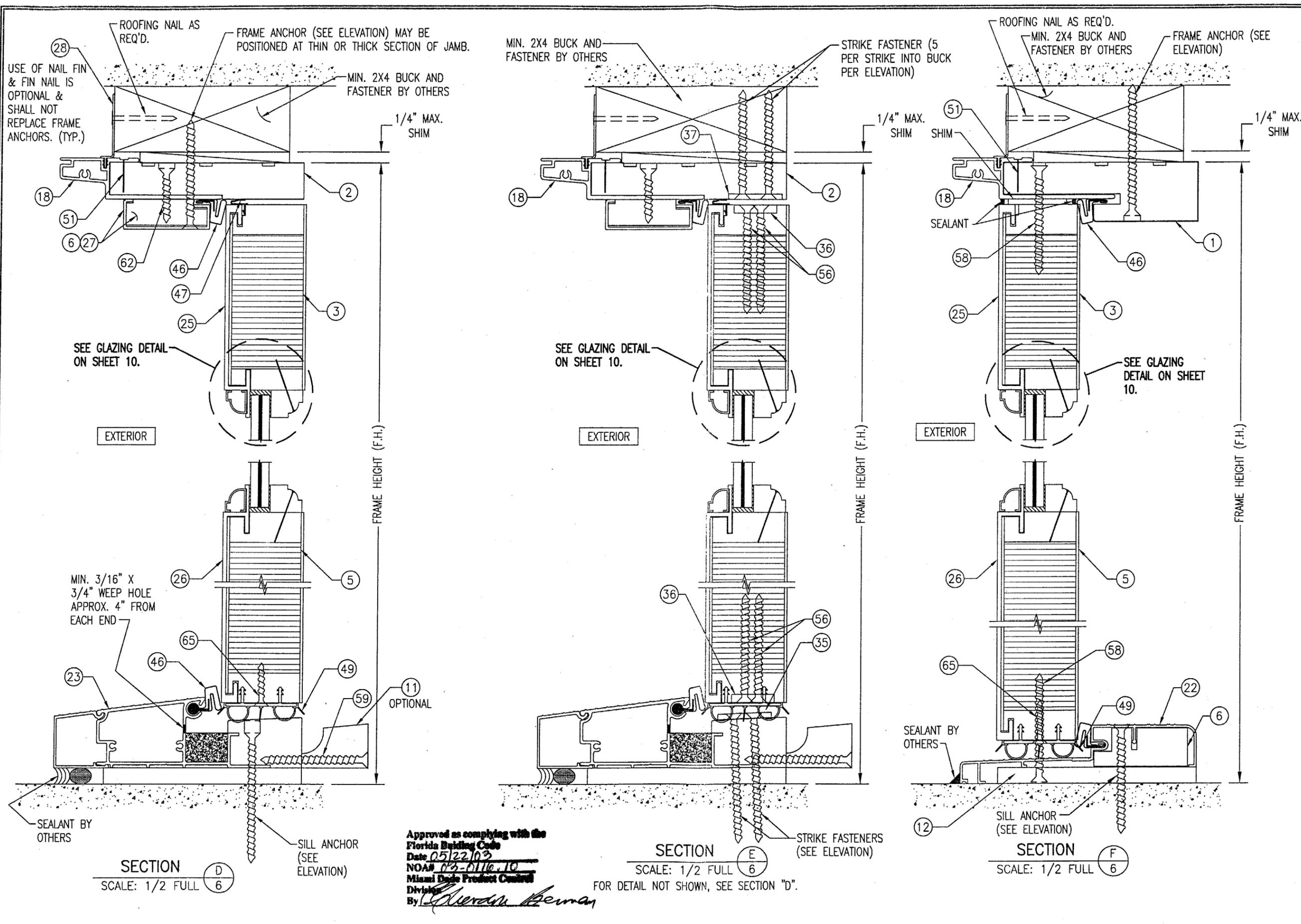
DRAWN BY: T.J.W.	CHECKED BY: W.W.S.
PLOT: 1-16	DATE: 12/09/02
DATE	
BY	
REVISION DESCRIPTION	
NO.	
DRAWING TITLE <b>ALUMINUM CLAD MAHOGANY 1 3/4" OUTSWING &amp; INSWING FRENCH DOORS</b>	
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b> 600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS,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



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

DRAWN BY: T.J.W.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 12/09/02	
NO.	REVISION DESCRIPTION	BY	DATE
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 <i>Warren W. Schaefer</i> WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1197		REV.	
SHEET NO. 5		OF 12	

NOTE: ADA THRESHOLD IS APPLICABLE TO ALL OUTSWING DOORS.



SECTION **D**  
SCALE: 1/2 FULL **6**

SECTION **E**  
SCALE: 1/2 FULL **6**

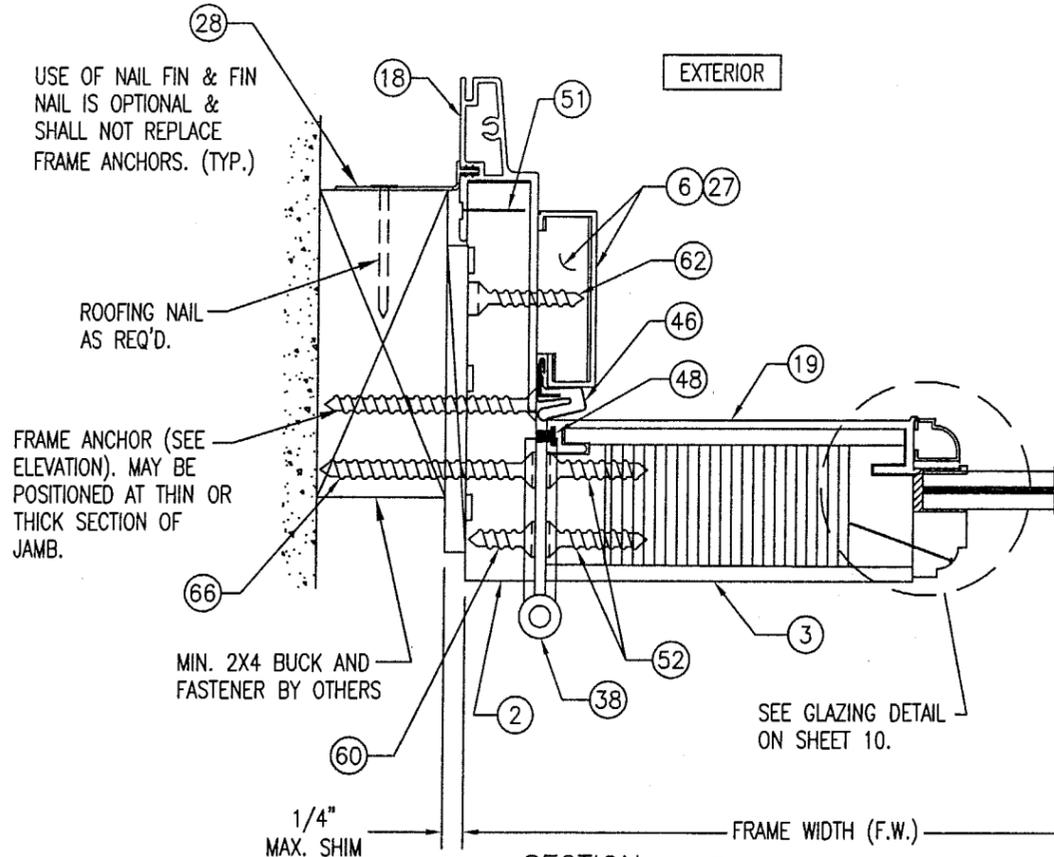
SECTION **F**  
SCALE: 1/2 FULL **6**

Approved as complying with the  
Florida Building Code  
Date 05/22/03  
NOAH 03-0116-10  
Miami Dade Product Control  
Div. By Merida Berman

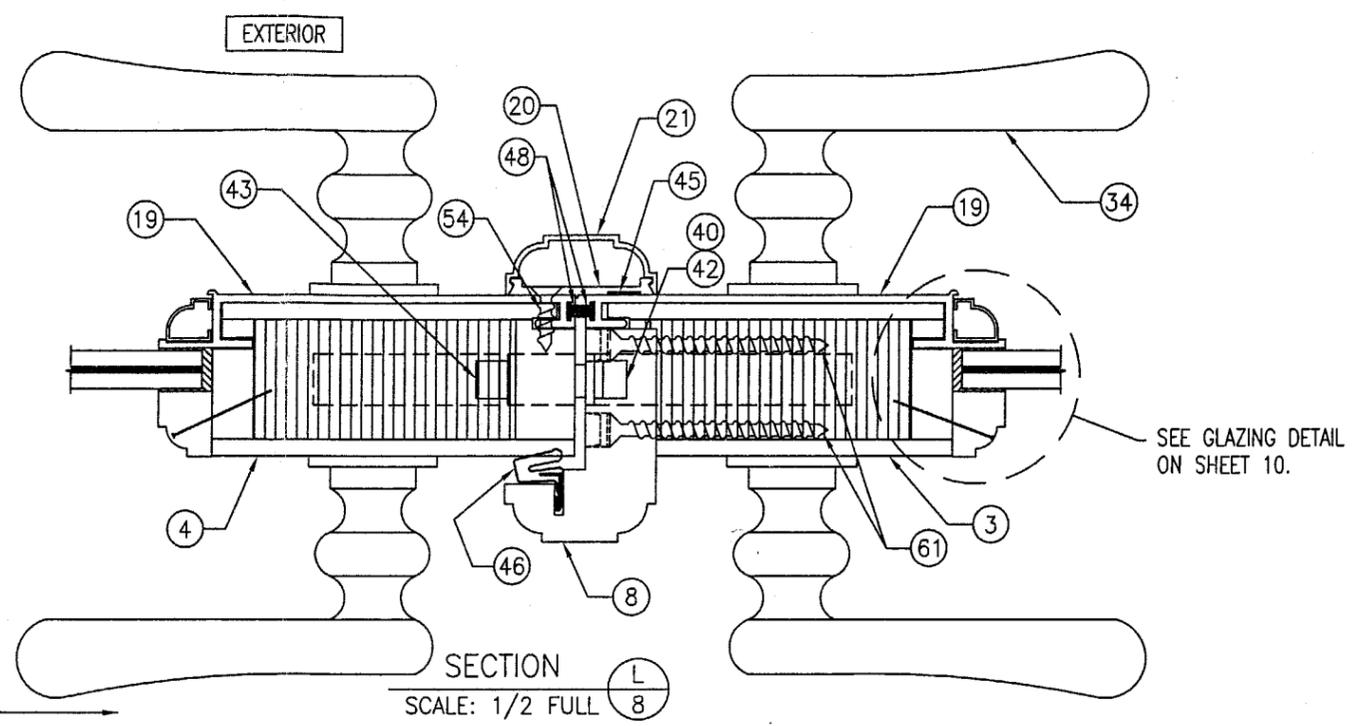
FOR DETAIL NOT SHOWN, SEE SECTION "D".

DRAWN BY: T.J.W.		CHECKED BY: W.W.S.	
PLOT: 1-2		DATE: 12/09/02	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE <b>ALUMINUM CLAD MAHOGANY 1 3/4" OUTSWING &amp; INSWING FRENCH DOORS</b>			
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b>		MANUFACTURER <b>PALM CITY MILLWORK, INC.</b>	
600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903		3313 S.W. 42ND AVE. PALM CITY, FL 34990 800-273-5598	
CERTIFICATION <b>MAR 26 2003</b>		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. <b>1197</b>		REV.	
SHEET NO. <b>6</b>		<b>OF 12</b>	

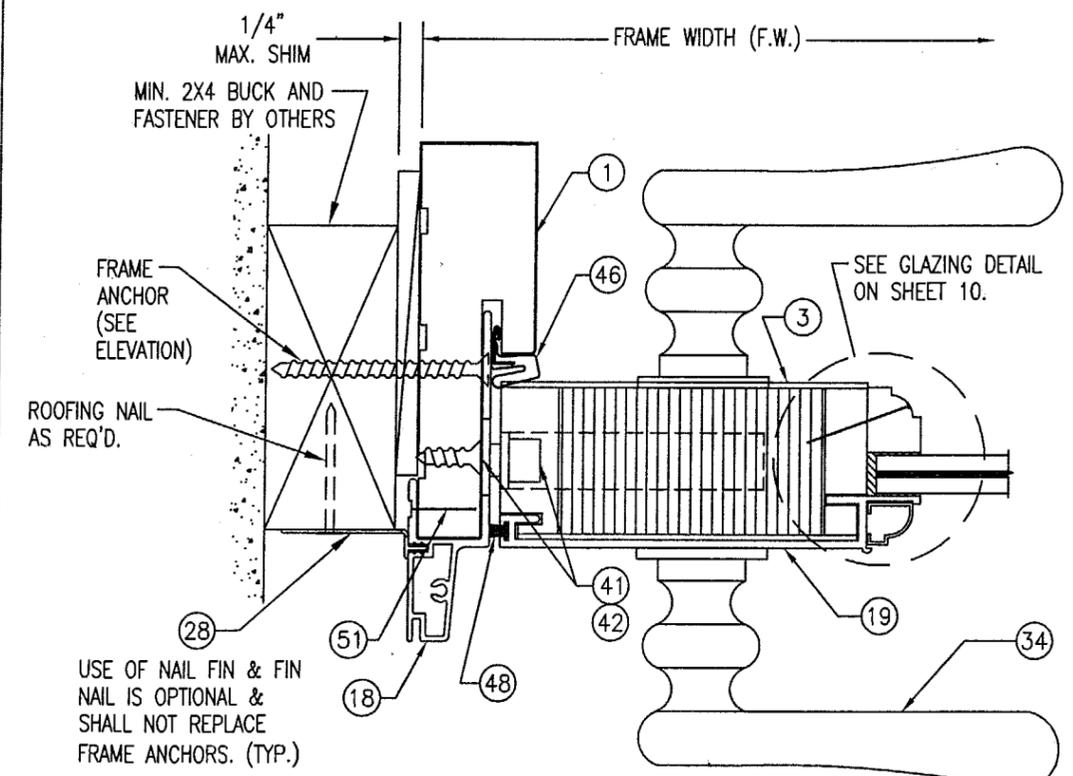




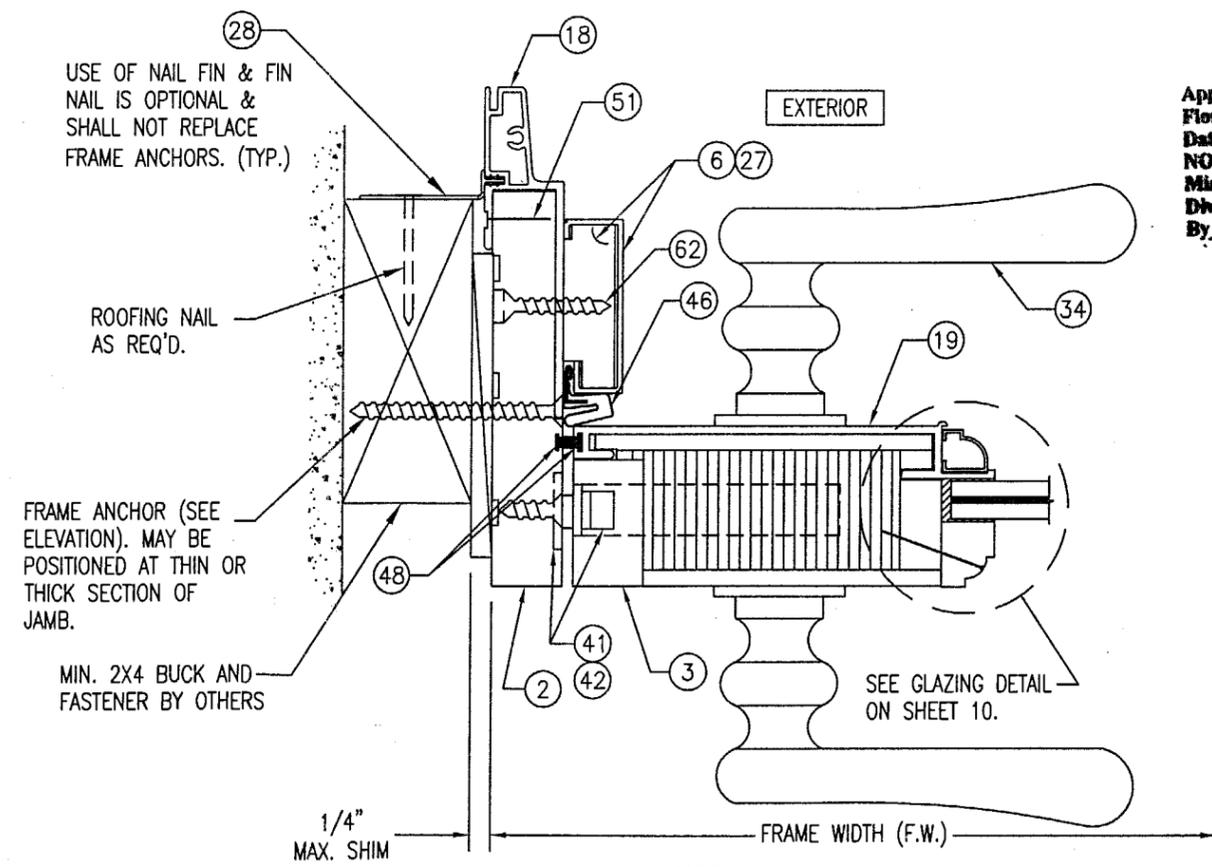
SECTION K  
SCALE: 1/2 FULL



SECTION L  
SCALE: 1/2 FULL



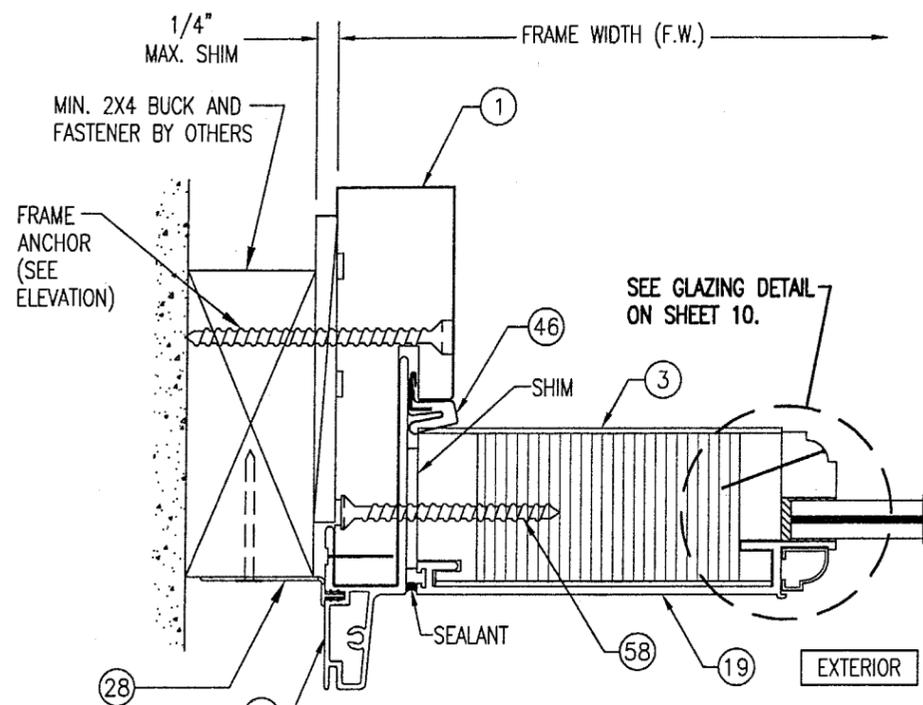
SECTION M  
SCALE: 1/2 FULL



SECTION N  
SCALE: 1/2 FULL

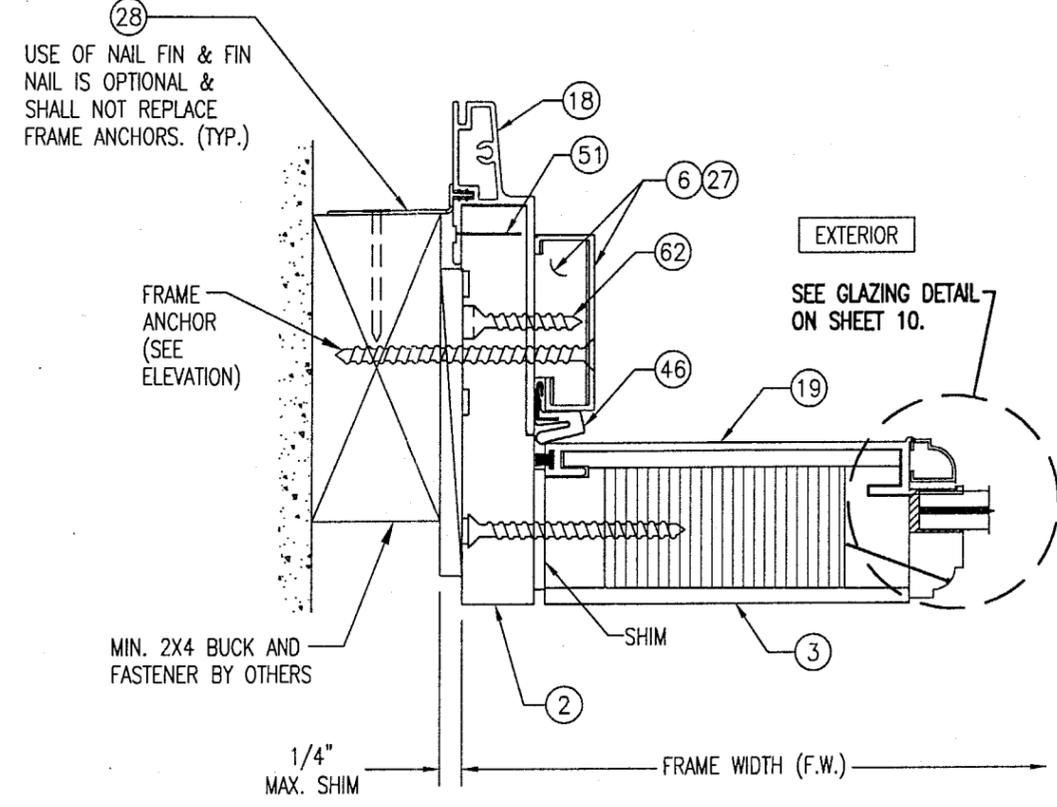
Approved as complying with the  
Florida Building Code  
Date 05/22/03  
NOAS 03-0116-10  
Miami Code Product Control  
By *Warren W. Schaefer*

DRAWN BY: T.J.W.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 12/09/02	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE ALUMINUM CLAD MAHOAGANY 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. 8		OF 12	



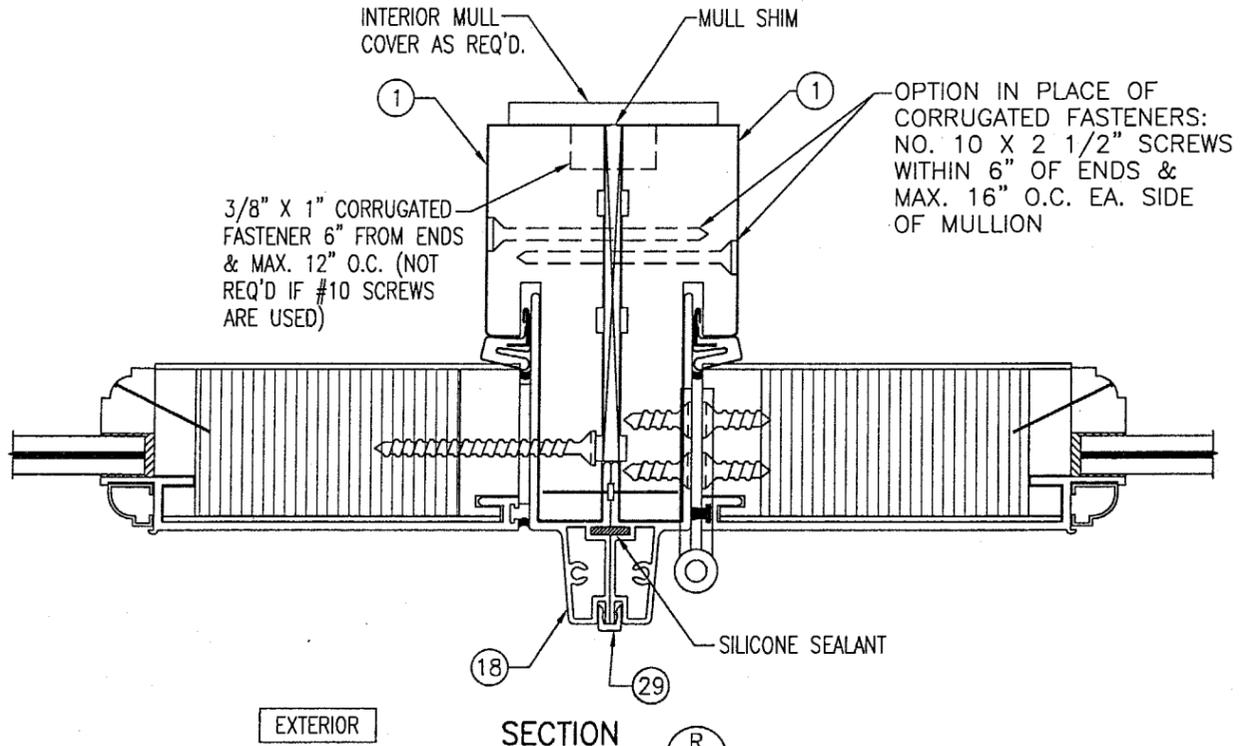
USE OF NAIL FIN & FIN NAIL IS OPTIONAL & SHALL NOT REPLACE FRAME ANCHORS. (TYP.)

SECTION P  
SCALE: 1/2 FULL

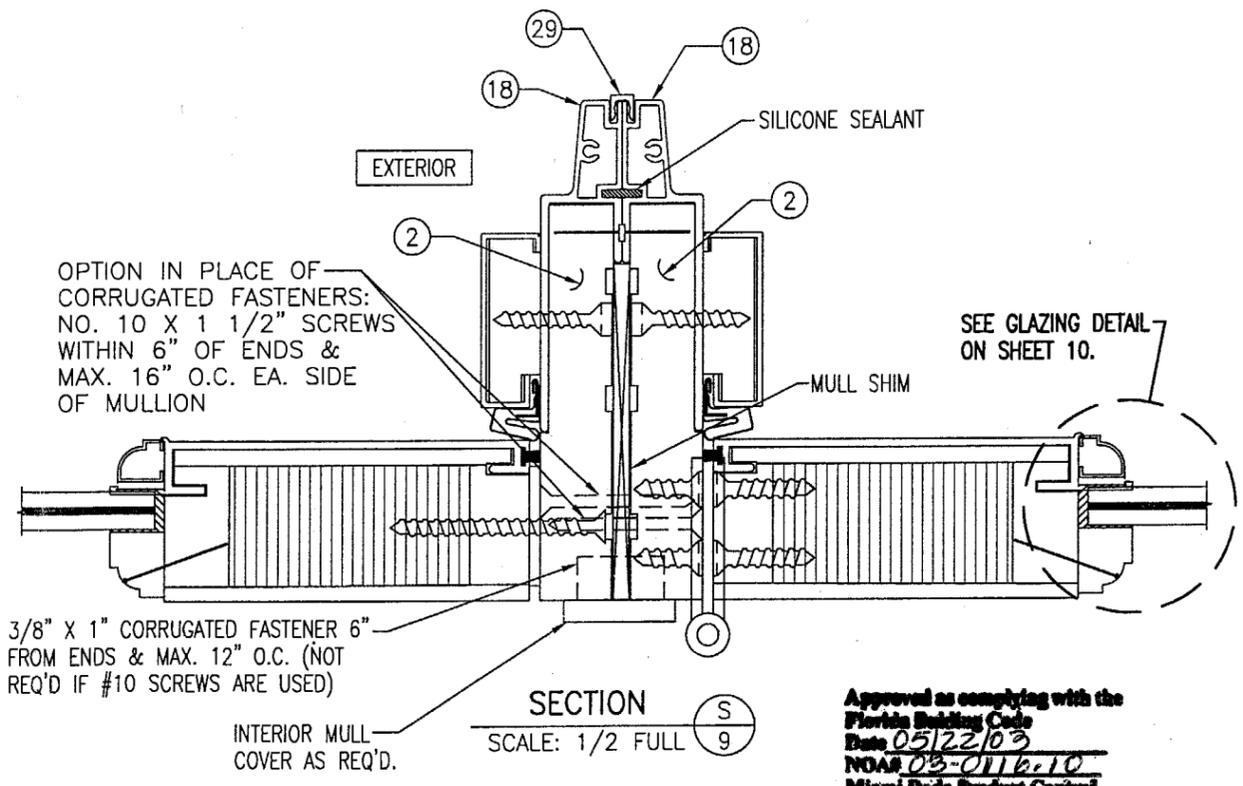


USE OF NAIL FIN & FIN NAIL IS OPTIONAL & SHALL NOT REPLACE FRAME ANCHORS. (TYP.)

SECTION Q  
SCALE: 1/2 FULL



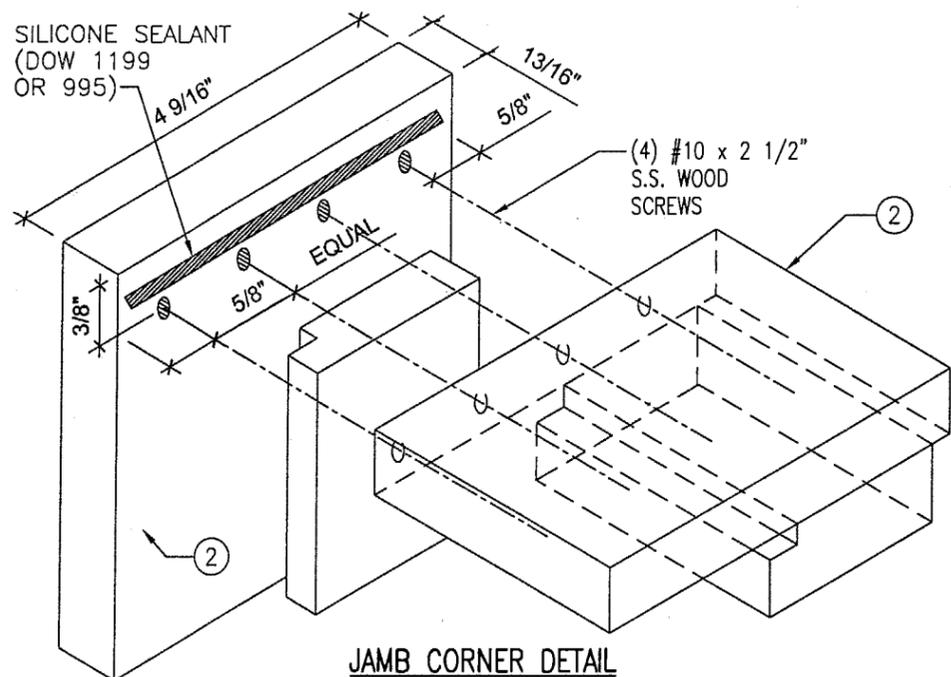
SECTION R  
SCALE: 1/2 FULL



SECTION S  
SCALE: 1/2 FULL

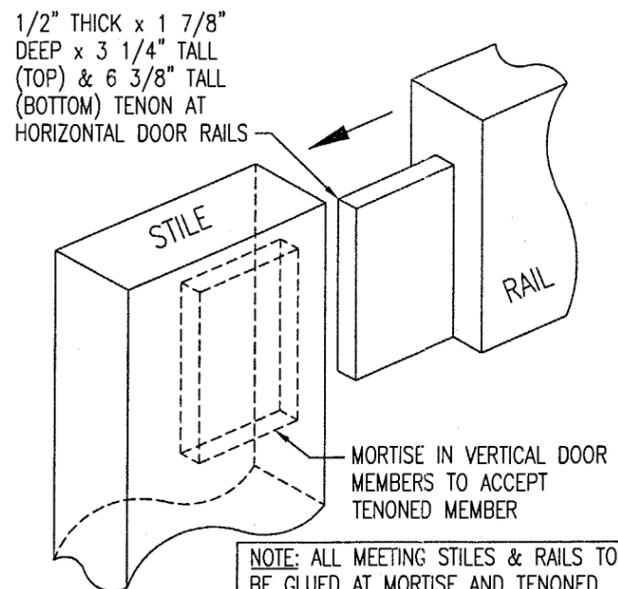
Approved as complying with the Florida Building Code  
Date 05/22/03  
NOA# 03-011610  
Miami Dade Product Control Division  
By *Cherida Berman*

DRAWN BY: T.J.W.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 12/09/02	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: ALUMINUM CLAD MAHOAGANY 1 3/4" OUTSWING & INSWING FRENCH DOORS			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.		MANUFACTURER: PALM CITY MILLWORK, INC.	
600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4802 FAX: 561-775-4803		3313 S.W. 42ND AVE. PALM CITY, FL 34990 800-273-5598	
CERTIFICATION	WARREN W. SCHAEFER, P.E. P.E. NO. 44135		
MAR 26 2003			
DRAWING NO. 1197	REV.		
SHEET NO. 9		OF 12	



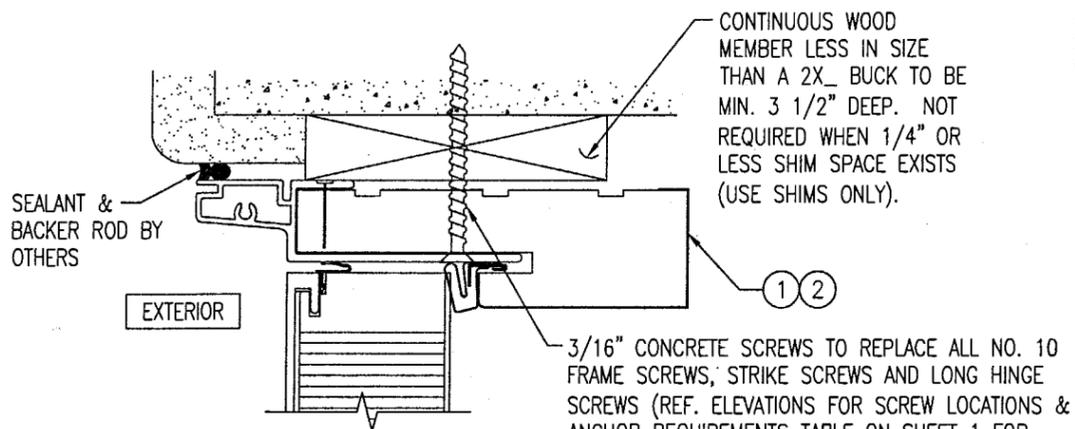
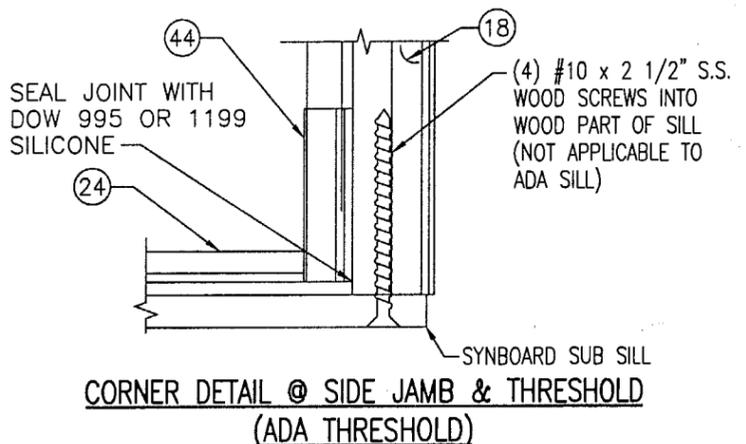
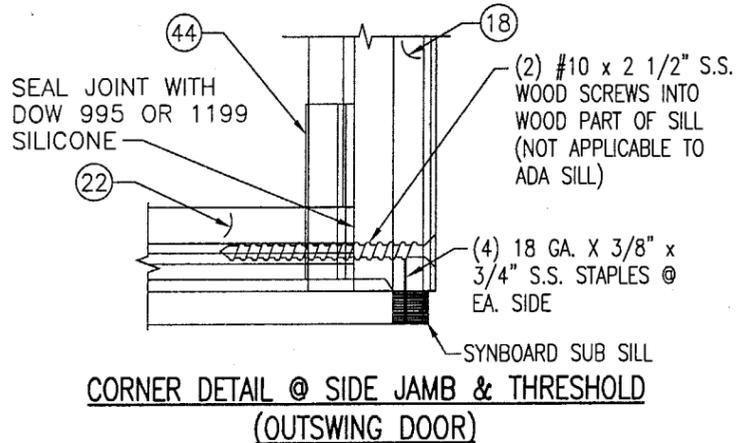
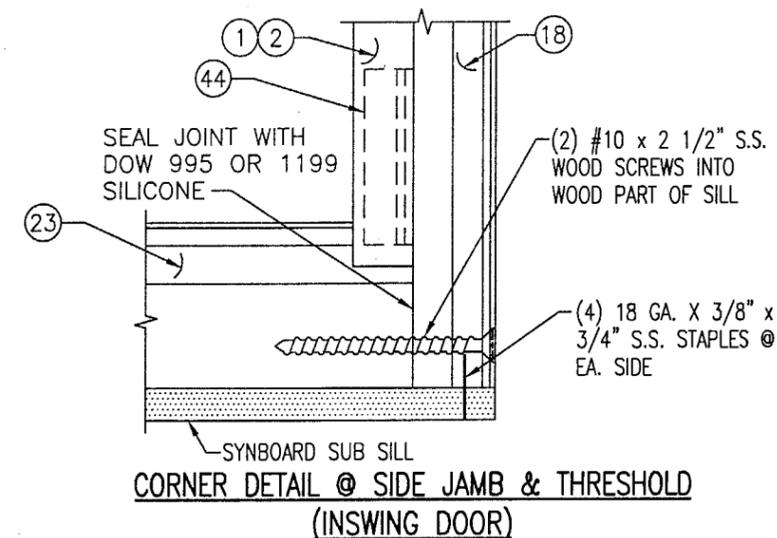
**JAMB CORNER DETAIL**

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)



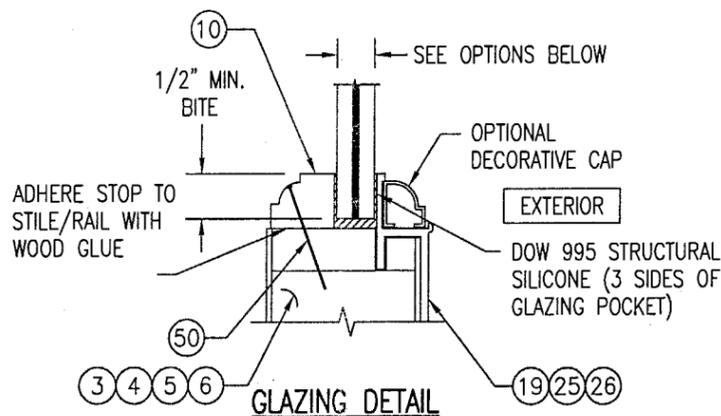
**RAIL TO STILE CORNER DETAIL**

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



**DIRECT MOUNT DETAIL**

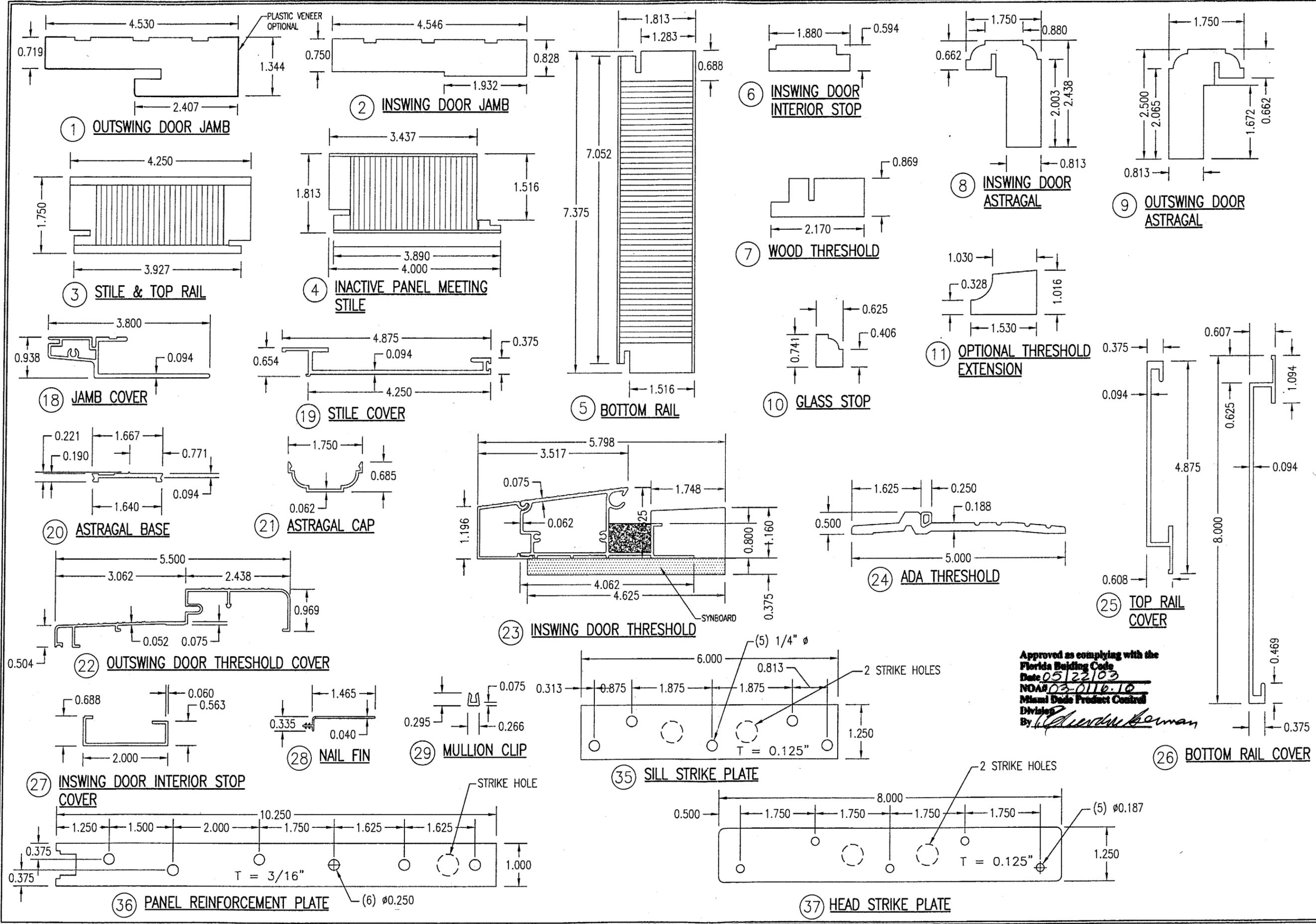
HEAD DETAIL SHOWN; OTHER JAMBS SIMILAR SEE OTHER SECTIONS FOR DETAIL NOT SHOWN



- 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)

DRAWN BY: T.J.W.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 12/08/02	
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.		MANUFACTURER: PALM CITY MILLWORK, INC.	
600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903		3313 S.W. 42ND AVE. PALM CITY, FL 34990 800-273-5598	
CERTIFICATION: MAR 26 7 003		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1197		REV.	
SHEET NO. 10		OF 12	

Approved as complying with the Florida Building Code  
 Date 05/22/03  
 NOAB 03-0116-10  
 Miami Dade Product Control  
 By: *Richard Herman*



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	
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. 11 OF 12	

Approved as complying with the Florida Building Code  
 Date: 05/22/03  
 NOAS 03-0110-10  
 Miami Dade Product Control  
 Division  
 By: *Edmund Herman*

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 #QEED-650
47	POLYFLEX SEAL	SCHLEGEL #PF-109
48	SEAL	SCHLEGEL 5/32" BLACK FIN SEAL
49	DOOR SWEEP	VINYL

\* 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.

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.

Approved as complying with the  
**Florida Building Code**  
 Date: 05/22/03  
 NOA# 03-0110.03  
 Miami Dade Product Control  
 Division  
 By: *Mercedes Gorman*

DRAWN BY: T.J.W.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 12/09/02
DATE	BY
REVISION DESCRIPTION	
NO.	
DRAWING TITLE <b>ALUMINUM CLAD MAHOGANY 1 3/4" OUTSWING &amp; INSWING FRENCH DOORS</b>	
MANUFACTURER <b>PALM CITY MILLWORK, INC.</b> 3313 S.W. 42ND AVE. PALM CITY, FL 34990 800-273-5598	
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b> 600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903	
CERTIFICATION <b>MAR 26 2003</b> <i>Warren W. Schaefer</i> WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1197	REV.
SHEET NO. 12 OF 12	