



**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)**

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**Weather Shield Windows & Doors  
One Weather Shield Plaza  
Medford, WI 54451**

**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 "Legacy" 2-1/4" Contempra Aluminum Clad Outswing Wood French Door**

**APPROVAL DOCUMENT:** Drawing No. 1211, titled "Legacy Aluminum Clad Outswing French Door", sheets 1 through 8 of 8, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 2/20/03, 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.**

*6/25/2003*

**NOA No 03-0421.11  
Expiration Date: July 17, 2008  
Approval Date: June 17, 2003  
Page 1**

**Weather Shield Windows & Doors**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

(For File ONLY. Not part of NOA)

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. 1211, titled "Legacy Aluminum Clad Outswing French Door", sheets 1 through 8 of 8, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 2/20/03, signed and sealed by Warren Schaefer, P.E.

**B. TESTS**

1. Test reports on 1) Uniform Static Air Pressure Test, Loading 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  
along with marked-up drawings and installation diagram of a wood French door, prepared by Twin City Testing Corporation, Test Report No. TCTCWI02016 dated 10/21/02, signed and sealed by Derrick Swanson, P.E.
3. 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 a wood French door, prepared by Twin City Testing Corporation, Test Report No. TCTCWI02013 dated 8/20/02, signed and sealed by Derrick Swanson, P.E.

**C. CALCULATIONS**

1. Anchor Calculations and structural analysis, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 3/27/03, signed and sealed by Warren Schaefer, P.E.

**D. MATERIAL CERTIFICATIONS**

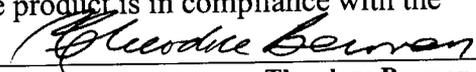
1. Notice of Acceptance No. 01-0205.02 issued to Cardinal LG for "Saflex / Keepsafe Maximum" dated 5/17/01, expiring on 5/21/06.

**E. STATEMENTS**

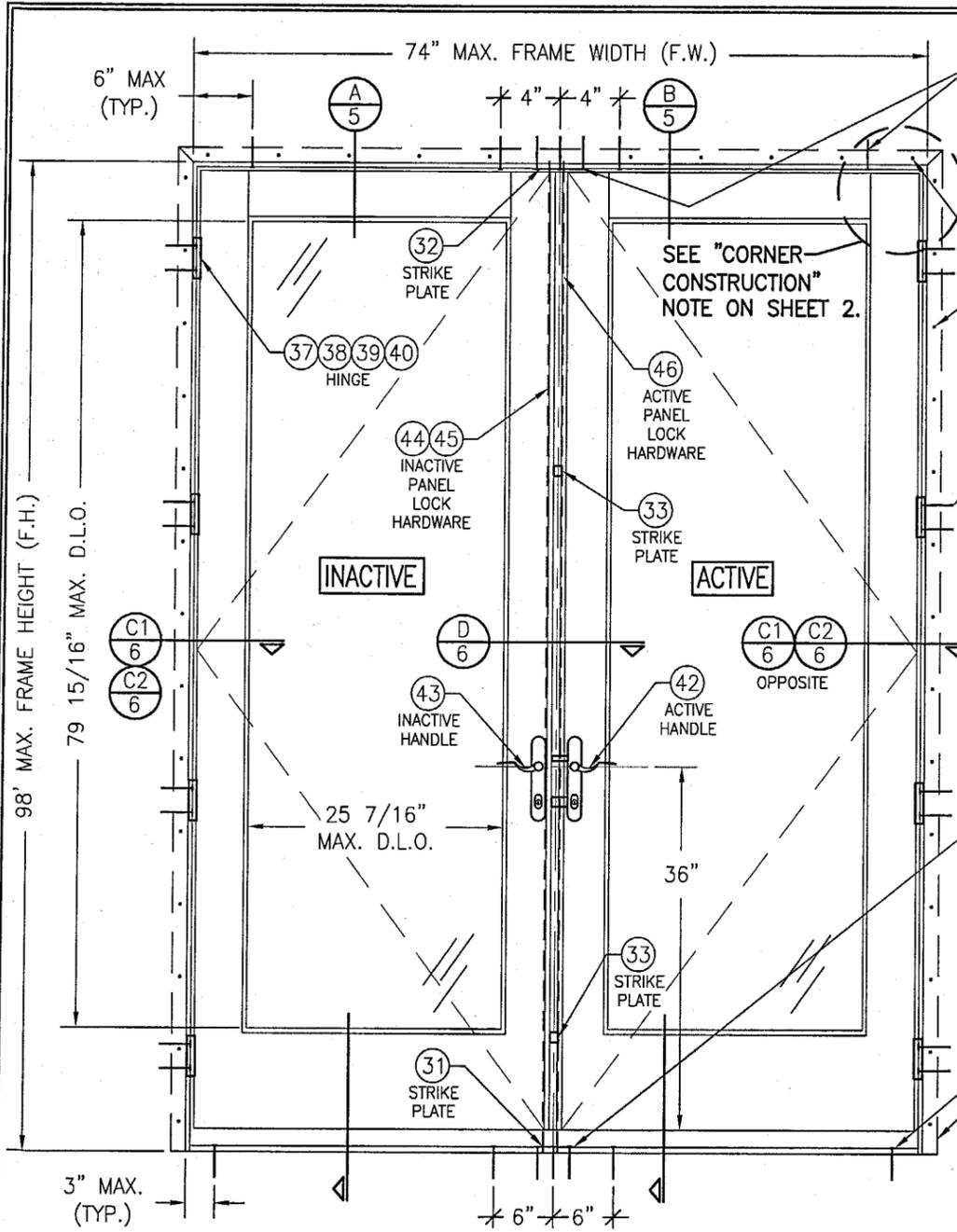
1. Statement letter of conformance, dated 3/31/03, signed and sealed by Warren Schaefer, P.E.
2. Statement letter of no financial interest, dated 3/31/03, signed and sealed by Warren Schaefer, P.E.

**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 03-0421.11  
Expiration Date: July 17, 2008  
Approval Date: June 17, 2003



**EXTERIOR ELEVATION  
DOUBLE RECTANGULAR  
OUTSWING DOOR**  
SCALE: 3/4" = 1'-0"

**GENERAL NOTES**

1. THESE DOOR SYSTEMS HAVE BEEN TESTED, ANALYZED AND APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN LOADS" TABLE.
2. BUCKING, OPENINGS & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & MAY NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS.
4. 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.
5. THESE DOOR SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE (F.B.C.).
6. IMPACT SHUTTERS ARE NOT REQUIRED WITH THESE DOORS.
7. ALL ANCHORS SHALL BE INSTALLED AS SPECIFIED ON THESE DRAWINGS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.

TYPICAL FRAME SCREWS (ONE AT EACH HEAD JAMB CORNER, 3 AT HEAD MIDSPAN & TWO THRU STRIKE PLATE) SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR OTHER FASTENER REQUIREMENTS.

11 GA. X 1 1/2" ROOFING NAILS OR NO. 7 X 1 5/8" DRYWALL SCREWS SPACED AS REQUIRED TO SECURE & SEAL NAILING FIN

NO. 10 S.S. WOOD SCREW OR MIN. 3/16" CONCRETE SCREW (2 PER HINGE INTO SUPPORTING SUBSTRATE). SEE "FRAME ANCHOR REQUIREMENTS" TABLE ON THIS SHEET FOR OTHER FASTENER REQUIREMENTS.

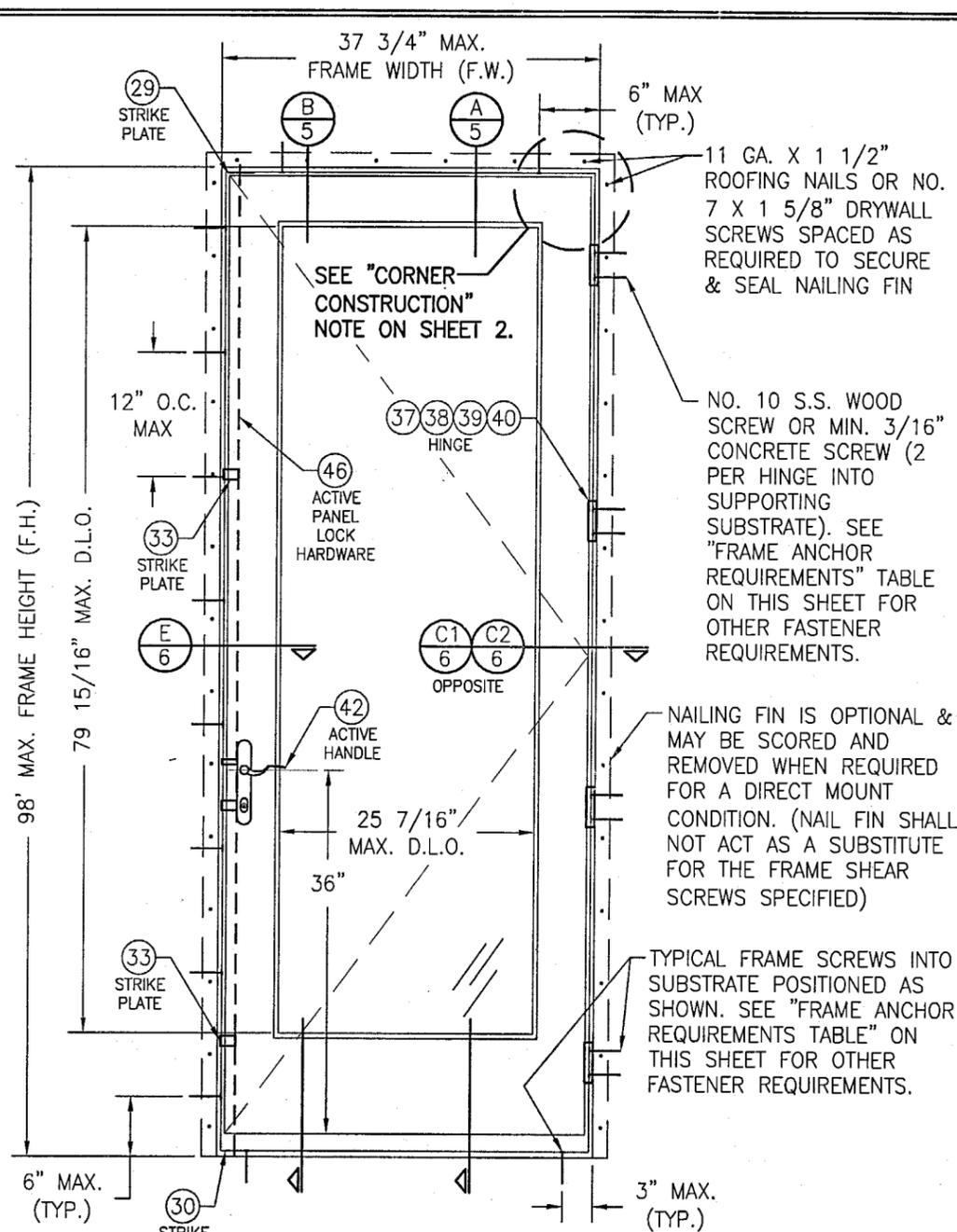
TYPICAL FRAME SCREWS INTO SUBSTRATE (ONE AT EACH SILL CORNER, 3 AT SILL MIDSPAN & 3 THROUGH STRIKE PLATE) SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR OTHER FASTENER REQUIREMENTS (APPLICABLE WITH BUMPER THRESHOLD. FOR ADA THRESHOLD CONDITION, SEE "ADA SILL DETAIL" ON SHEET 7).

NAILING FIN IS OPTIONAL & MAY BE SCORED AND REMOVED WHEN REQUIRED FOR A DIRECT MOUNT CONDITION. (NAIL FIN SHALL NOT ACT AS A SUBSTITUTE FOR THE FRAME SHEAR SCREWS SPECIFIED)

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"	3/4"
CMU/CONCRETE	3/16" CONCR. SCREW	1 1/4"	2"

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

\*SHEAR SCREW ANCHOR NOTE: FRAME MAY BE EITHER DIRECT MOUNTED TO THE OPENING, MOUNTED ONTO A CONTINUOUS 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 SCREW SHALL BE USED. SEE "FRAME ANCHOR REQUIREMENTS TABLE" FOR EMBED REQUIREMENTS. PROPER MATERIAL SHALL BE USED BETWEEN ALL DISIMILAR MATERIALS (BLOCK/CONCRETE & ALUMINUM).



**EXTERIOR ELEVATION  
SINGLE RECTANGULAR  
OUTSWING DOOR**  
SCALE: 3/4" = 1'-0"

11 GA. X 1 1/2" ROOFING NAILS OR NO. 7 X 1 5/8" DRYWALL SCREWS SPACED AS REQUIRED TO SECURE & SEAL NAILING FIN

NO. 10 S.S. WOOD SCREW OR MIN. 3/16" CONCRETE SCREW (2 PER HINGE INTO SUPPORTING SUBSTRATE). SEE "FRAME ANCHOR REQUIREMENTS" TABLE ON THIS SHEET FOR OTHER FASTENER REQUIREMENTS.

NAILING FIN IS OPTIONAL & MAY BE SCORED AND REMOVED WHEN REQUIRED FOR A DIRECT MOUNT CONDITION. (NAIL FIN SHALL NOT ACT AS A SUBSTITUTE FOR THE FRAME SHEAR SCREWS SPECIFIED)

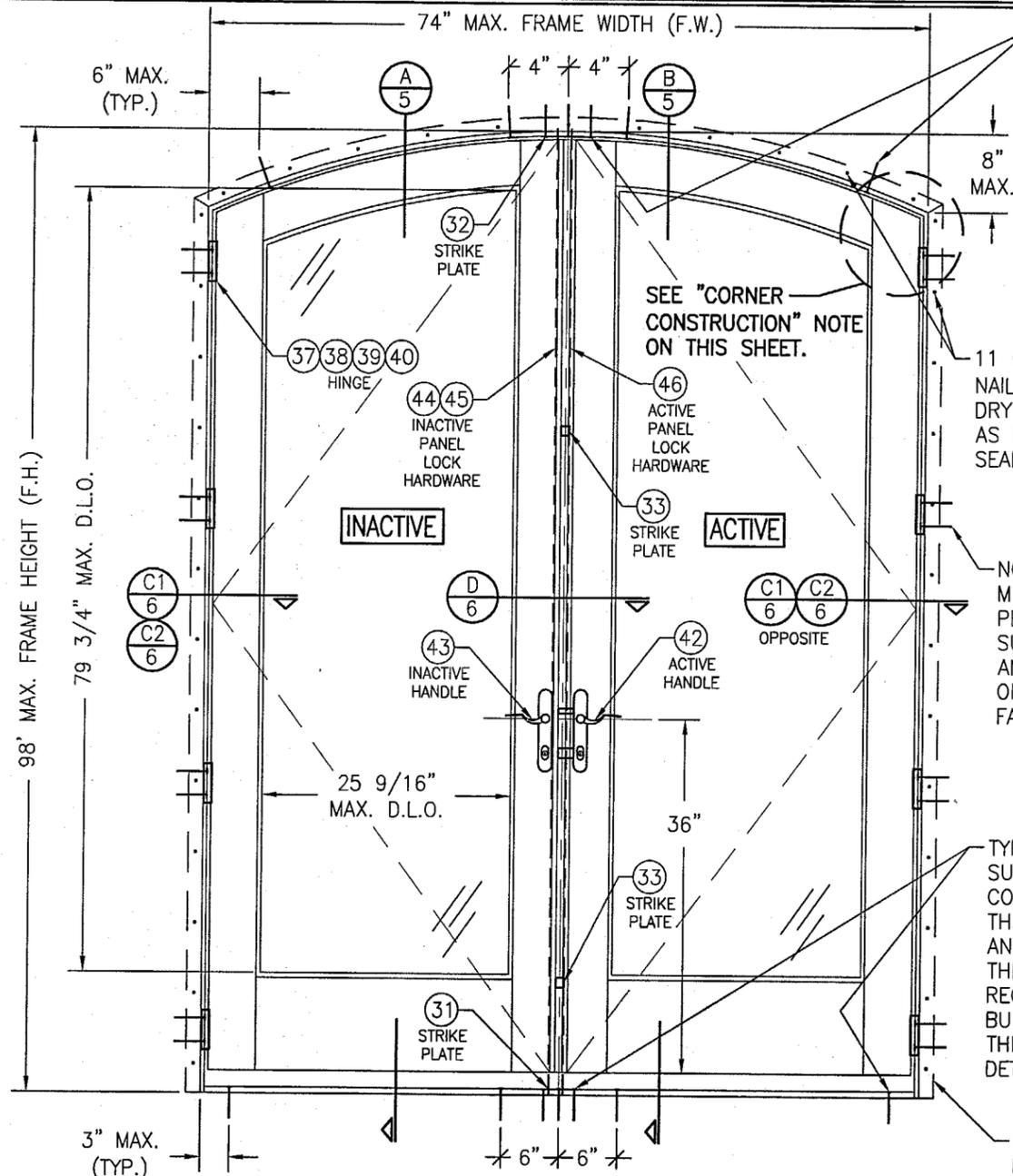
TYPICAL FRAME SCREWS INTO SUBSTRATE POSITIONED AS SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR OTHER FASTENER REQUIREMENTS.

ALLOWABLE DESIGN LOAD	
POSITIVE	NEGATIVE
60 PSF	75 PSF

HINGE REQUIREMENTS	
DOOR HEIGHT	# HINGES REQ'D
ALL SIZES	4

Approved as complying with the Florida Building Code  
Date 03/17/03  
NOA# 03-042111  
Miami Dade Product Control Division  
By *Leanne Loman*

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1-16	DATE: 02/20/03
DATE	BY
REVISION DESCRIPTION	NO.
DRAWING TITLE <b>LEGACY ALUMINUM CLAD OUTSWING FRENCH DOORS</b>	
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b>	
MANUFACTURER <b>WEATHER SHIELD WINDOWS &amp; DOORS</b>	
8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903	
ONE WEATHER SHIELD PLAZA MEDFORD, WI 54451 715-748-6555	
DATE <b>APR 01 2003</b>	P.E. <b>WARREN W. SCHAEFER, P.E.</b> P.E. NO. 44135
DRAWING NO. <b>1211</b>	REV.
SHEET NO. <b>1 OF 8</b>	



**EXTERIOR ELEVATION  
DOUBLE EYEBROW TOP  
OUTSWING DOOR**  
SCALE: 3/4" = 1'-0"

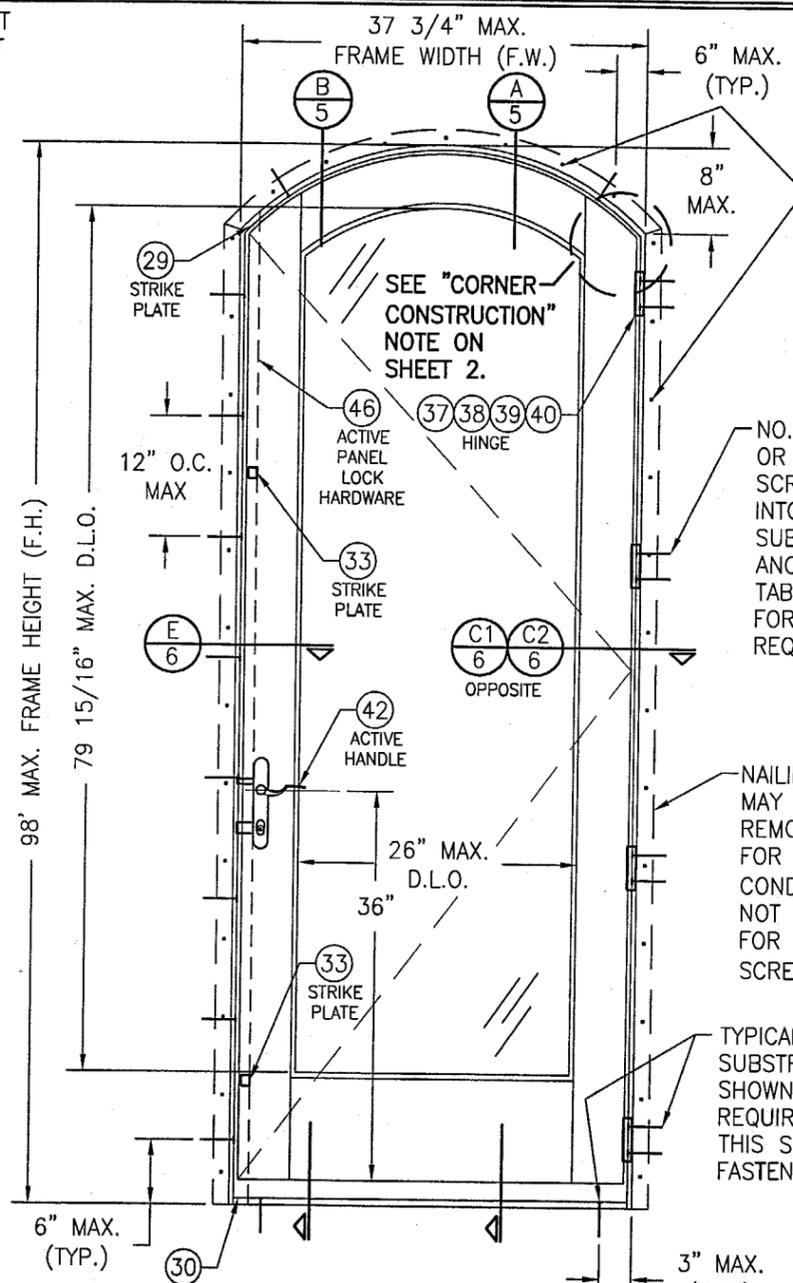
TYPICAL FRAME SCREWS (ONE AT EACH HEAD JAMB CORNER, 3 AT HEAD MIDSPAN & 2 THRU STRIKE PLATE) SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR OTHER FASTENER REQUIREMENTS.

11 GA. X 1 1/2" ROOFING NAILS OR NO. 7 X 1 5/8" DRYWALL SCREWS SPACED AS REQUIRED TO SECURE & SEAL NAILING FIN

NO. 10 S.S. WOOD SCREW OR MIN. 3/16" CONCRETE SCREW (2 PER HINGE INTO SUPPORTING SUBSTRATE). SEE "FRAME ANCHOR REQUIREMENTS" TABLE ON THIS SHEET FOR OTHER FASTENER REQUIREMENTS.

TYPICAL FRAME SCREWS INTO SUBSTRATE (ONE AT EACH SILL CORNER, 3 AT SILL MIDSPAN & 3 THROUGH STRIKE PLATE) SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR OTHER FASTENER REQUIREMENTS (APPLICABLE WITH BUMPER THRESHOLD. FOR ADA THRESHOLD CONDITION, SEE "ADA SILL DETAIL" ON SHEET 7).

NAILING FIN IS OPTIONAL & MAY BE SCORED AND REMOVED WHEN REQUIRED FOR A DIRECT MOUNT CONDITION. (NAIL FIN SHALL NOT ACT AS A SUBSTITUTE FOR THE FRAME SHEAR SCREWS SPECIFIED)



**EXTERIOR ELEVATION  
SINGLE EYEBROW TOP  
OUTSWING DOOR**  
SCALE: 3/4" = 1'-0"

11 GA. X 1 1/2" ROOFING NAILS OR NO. 7 X 1 5/8" DRYWALL SCREWS SPACED AS REQUIRED TO SECURE & SEAL NAILING FIN

NO. 10 S.S. WOOD SCREW OR MIN. 3/16" CONCRETE SCREW (2 PER HINGE INTO SUPPORTING SUBSTRATE). SEE "FRAME ANCHOR REQUIREMENTS" TABLE ON THIS SHEET FOR OTHER FASTENER REQUIREMENTS.

NAILING FIN IS OPTIONAL & MAY BE SCORED AND REMOVED WHEN REQUIRED FOR A DIRECT MOUNT CONDITION. (NAIL FIN SHALL NOT ACT AS A SUBSTITUTE FOR THE FRAME SHEAR SCREWS SPECIFIED)

TYPICAL FRAME SCREWS INTO SUBSTRATE POSITIONED AS SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR OTHER FASTENER REQUIREMENTS.

DRAWN BY: K.P.S.		CHECKED BY: W.W.S.	
PLOT: 1-16		DATE: 02/20/03	
NO.	REVISION	DESCRIPTION	DATE
<b>ALUMINUM CLAD FRENCH OUTSWING DOORS</b> MANUFACTURER <b>WEATHER SHIELD WINDOWS &amp; DOORS</b> ONE WEATHER SHIELD PLAZA MEDFORD, WI 54451 715-748-6555			
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b> 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903			
DRAWING TITLE <b>ALUMINUM CLAD FRENCH OUTSWING DOORS</b>			
CERTIFICATION <b>APR 01 2003</b> Approved as complying with the Florida Building Code Date 07/17/03 NOA# 03-042111 Miami Dade Product Control Division By <i>Glenn Berwan</i>			
DRAWING NO.		REV.	
1211			
SHEET NO.			
2 OF 8			

**FRAME CORNER CONSTRUCTION**

AT EACH RECTANGULAR DOOR HEAD CORNER AND ALL SIDELITE CORNERS, THE WOOD FRAME MEMBERS ARE DADO CUT, GLUED, PLACED TOGETHER AND MECHANICALLY FASTENED WITH (3) #8 X 2 1/2" LONG DRYWALL SCREWS.

AT EACH DOOR SILL CORNER, THE WOOD FRAME MEMBERS ARE SQUARE CUT, SEALED WITH A GASKET & SILICONE ON THE INTERIOR AND SECURED WITH (3) 2 1/2" DRYWALL SCREWS. A 3/4" HIGH OAK THRESHOLD IS SEALED TO THE SILL WITH SILICONE BACK BEDDING AND SECURED WITH SCREWS TO THE WOOD SUB-SILL.

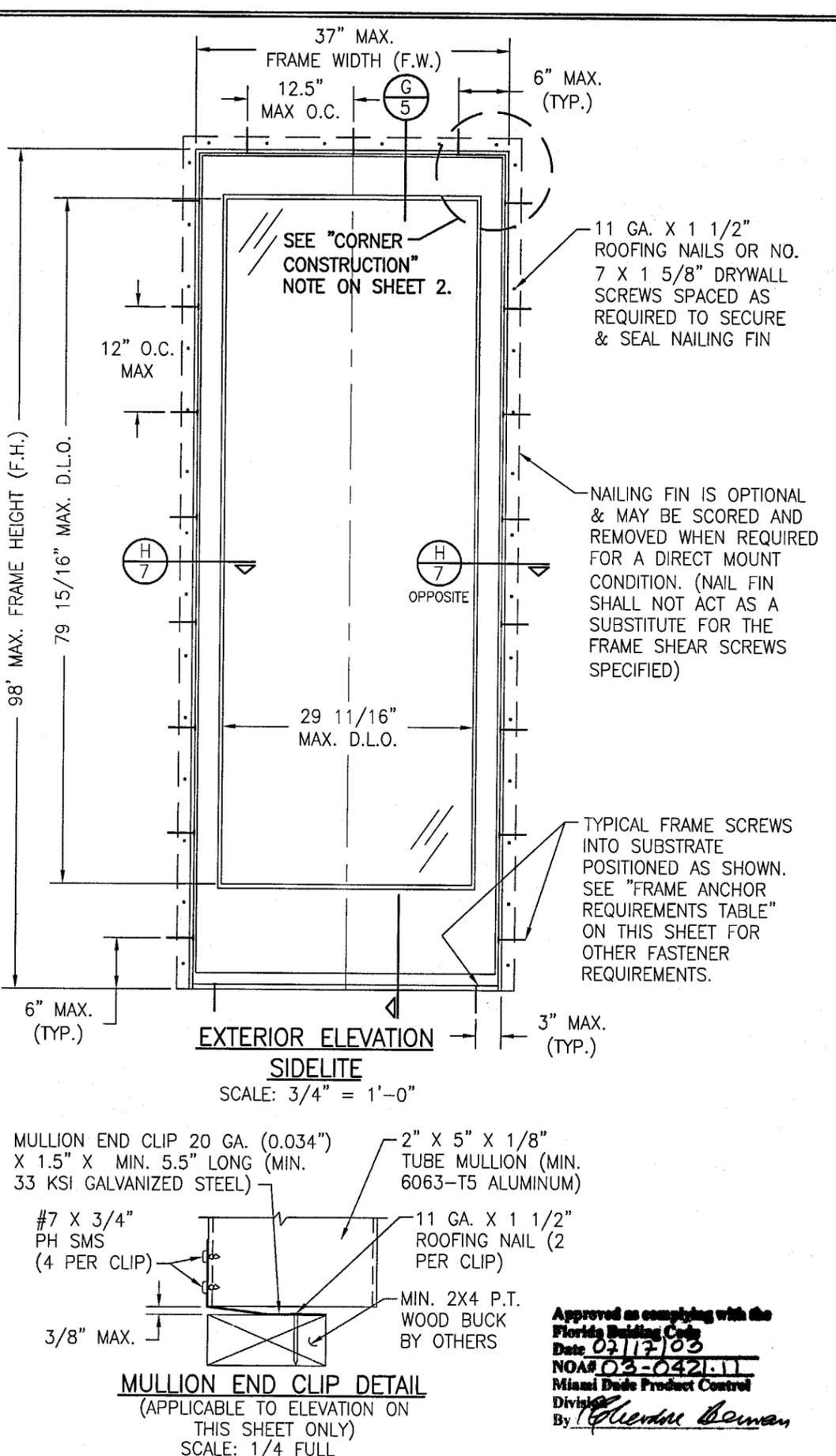
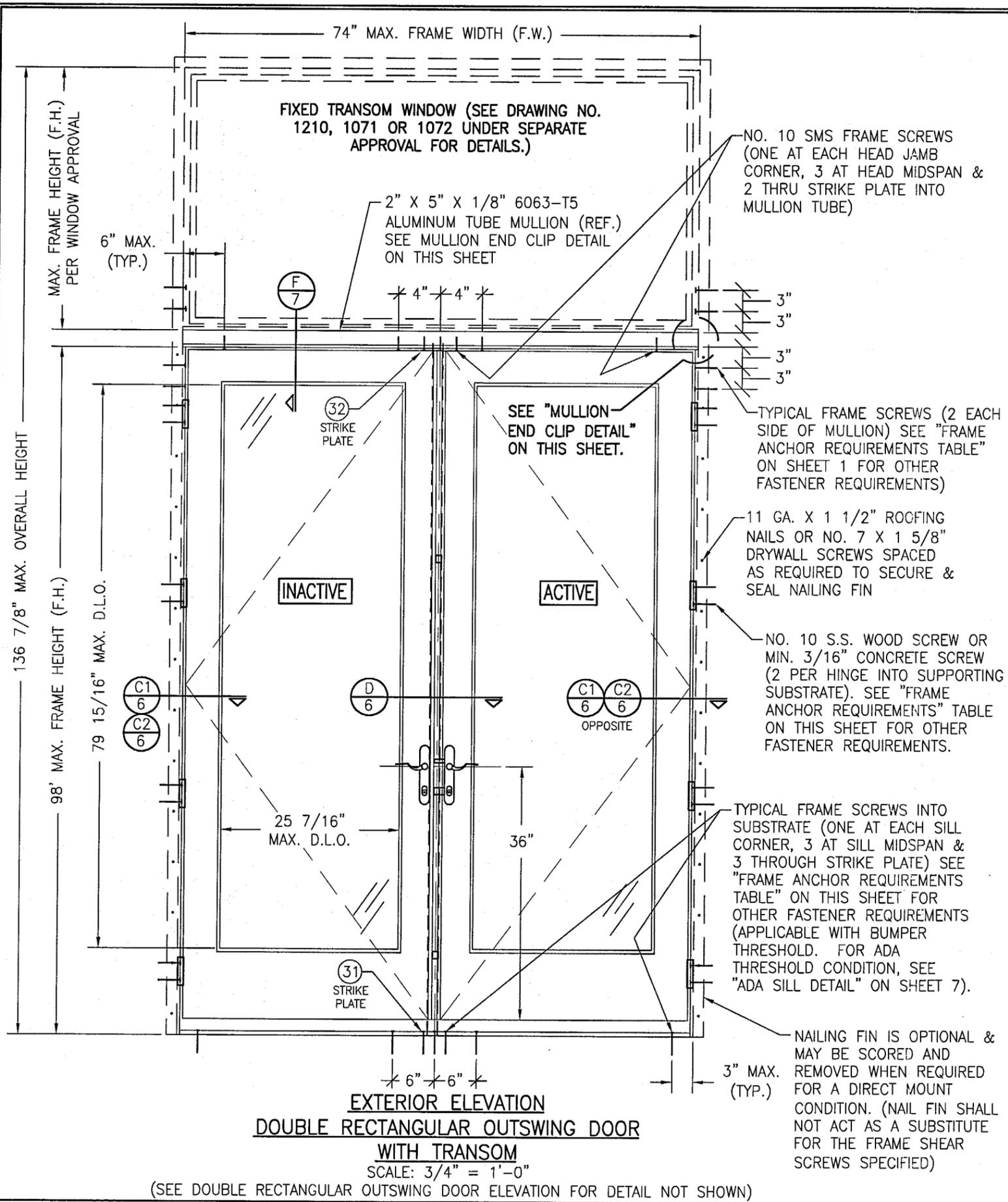
AT EACH DOOR SILL CORNER WITH ADA SILL, THE WOOD FRAME MEMBERS ARE SQUARE CUT AND MECHANICALLY FASTENED WITH (2) #9 X 2" LONG FLATHEAD SCREWS.

THE ALUMINUM FRAME CLADDING MEMBERS ARE MITER CUT AND MECHANICALLY FASTENED TOGETHER USING (1) 1 1/4" SCREW OR (1) #6 X 1" LONG SCREW WITH #5 HEAD AT EACH CORNER.

**SASH CORNER CONSTRUCTION**

AT EACH CORNER THE WOOD SASH MEMBER ENDS ARE SQUARE CUT, SEALED WITH A SINGLE BEAD OF SILICONE, WOOD GLUED TO THE WOOD JOINT SURFACES AND SECURED WITH 3/4" DIA. X 3" LONG DOWELS, (2) PER TOP CORNER & (4) PER BOTTOM CORNER.

THE ALUMINUM MEMBERS ARE SLIP FITTED TO THE ADJACENT PANEL MEMBER AT EACH CORNER.



DRAWN BY: K.P.S.		CHECKED BY: W.W.S.	
PLOT: 1=16		DATE: 02/20/03	
NO.	REVISION DESCRIPTION	DATE	BY
DRAWING TITLE <b>ALUMINUM CLAD FRENCH OUTSWING DOORS</b>			
MANUFACTURER <b>WEATHER SHIELD WINDOWS &amp; DOORS</b>			
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b>			
8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903			
CERTIFICATION <b>APR 1 2003</b>			
WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1211		REV.	
SHEET NO. 3 OF 8			

Approved as complying with the  
Florida Building Code  
Date: 02/17/03  
NO# 03-0421.11  
Miami Dade Product Control  
Division  
By: *Glenn Berman*

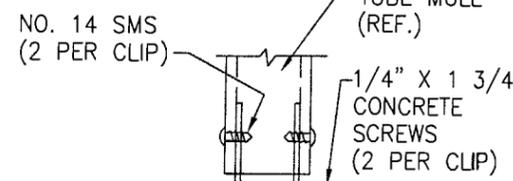
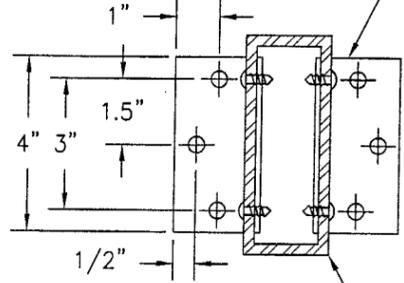
149 1/2" MAX. FRAME WIDTH (F.W.)

NOTE: TRANSOM WINDOWS MAY CONSIST OF UP TO 4 WINDOWS

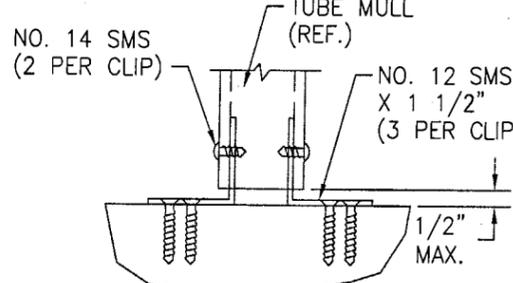
FIXED TRANSOM WINDOW (SEE DRAWING NO. 1210, 1071 OR 1072 UNDER SEPARATE APPROVAL FOR DETAILS.)

FIXED TRANSOM WINDOW (SEE DRAWING NO. 1210, 1071 OR 1072 UNDER SEPARATE APPROVAL FOR DETAILS.)

2" X 2" X 4" MULLION END CLIP (1/8" 6061-T6 ALUM. OR 12 GA. GALV. STEEL)



TO CONCRETE OR CONCR. FILLED BLOCK



TO WOOD

MULLION END CLIP DETAIL (APPLICABLE TO TRANSOM MULLION ON THIS SHEET ONLY)

- MULLION END CLIP NOTES:
1. CLIPS MAY BE PLACED IN OR OUT-SIDE OF TUBE.
  2. SUPPORTING SUBSTRATE MUST BE DESIGNED BY OTHERS TO SUPPORT THE LOADS FROM THE MULLION ENDS.

Approved as complying with the Florida Building Code  
 Date 07/17/03  
 NO# 03-0421.11  
 Miami Dade Product Control  
 Division  
 By *Warren W. Schaefer*

NO. 10 SMS FRAME SCREWS INTO MULLION WITHIN 6" OF CORNERS & MAX. 12.5" O.C. AT SIDELITES & SINGLE DOORS

NO. 10 SMS FRAME SCREWS AT DOUBLE DOOR (ONE AT EACH HEAD JAMB CORNER, 3 AT HEAD MIDSPAN & TWO THRU STRIKE PLATE INTO MULLION TUBE)

TYPICAL FRAME SCREWS (POSITIONED AS SHOWN WITH 3 EACH SIDE OF MULLION) SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR OTHER FASTENER REQUIREMENTS)

2" X 5" X 1/4" A46 STEEL TUBE MULLION

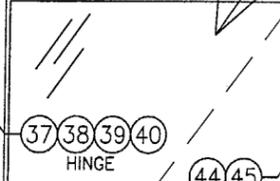
MAX. FRAME HEIGHT (F.H.) PER WINDOW APPROVAL  
 6" MAX. (TYP.)

137" MAX. OVERALL HEIGHT  
 98" MAX. FRAME HEIGHT (F.H.)  
 79 15/16" MAX. D.L.O.

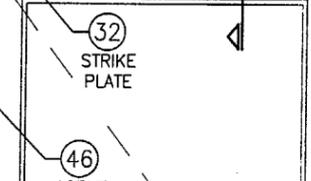
ADDITIONAL FRAME SCREWS INTO MULLION (2 ADDITIONAL EACH SIDE OF MULLION THROUGH THICK SECTION OF JAMB)

11 GA. X 1 1/2" ROOFING NAILS OR NO. 7 X 1 5/8" DRYWALL SCREWS SPACED AS REQUIRED TO SECURE & SEAL NAILING FIN

ADDITIONAL SILL ANCHORS THROUGH THICK SECTION OF SILL & INTO SUBSTRATE (2 ADDITIONAL EACH SIDE OF MULLION). SEE "FRAME ANCHOR REQUIREMENTS TABLE" FOR OTHER FASTENER REQUIREMENTS. (TYP.)



INACTIVE



ACTIVE

SEE "MULLION END CLIP DETAIL" ON THIS SHEET.  
 2 SCREWS PER HINGE TO PENETRATE MULLION TUBE WALL (TYP. EACH HINGE)

TYPICAL SILL ANCHORS INTO SUBSTRATE PER INDIVIDUAL UNIT ELEVATIONS.  
 FRAME ANCHORS INTO MULLION (REF. SECTION "J")

2" X 5" X 1/8" 6063-T5 ALUMINUM TUBE MULLION

25 7/16" MAX. D.L.O.

36"

12" O.C. MAX.

12" O.C. MAX.

OPPOSITE



31 STRIKE PLATE



33 STRIKE PLATE

6" MAX. (TYP.)  
 NAILING FIN IS OPTIONAL & MAY BE SCORED AND REMOVED WHEN REQUIRED FOR A DIRECT MOUNT CONDITION. (NAIL FIN SHALL NOT ACT AS A SUBSTITUTE FOR THE FRAME SHEAR SCREWS SPECIFIED)

EXTERIOR ELEVATION

OXXO UNIT WITH OUTSWING DOOR AND TRANSOMS

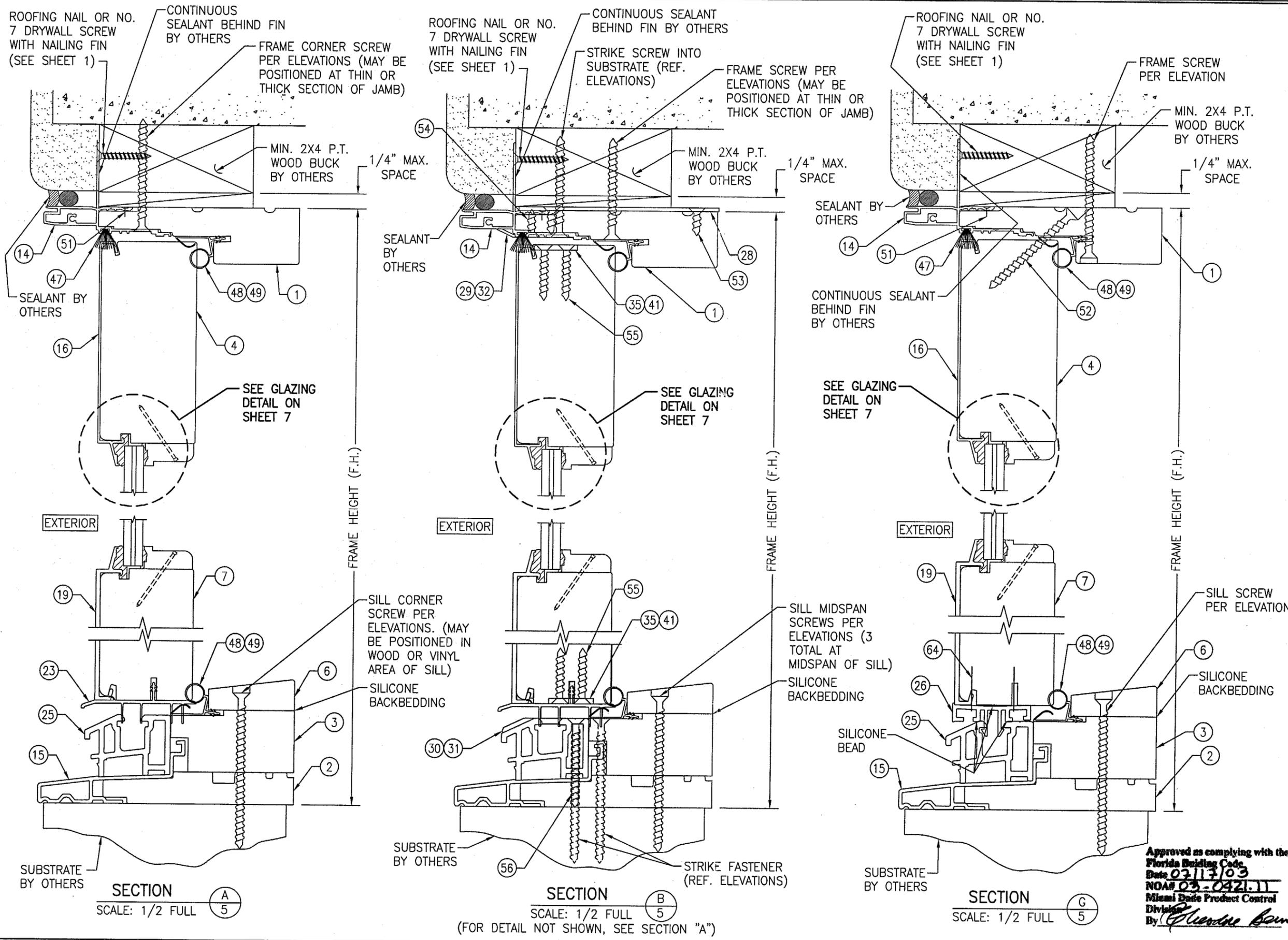
SCALE: 3/4" = 1'-0"

(SEE OTHER ELEVATIONS FOR DETAIL NOT SHOWN)

NOTE: OXXO DOOR SHOWN. ALL OTHER 4-PANEL CONFIGURATIONS OF SINGLE/DOUBLE DOORS & SIDELIGHTS ALSO APPLY.

THIS DOOR ALSO APPLIES WITHOUT TRANSOMS.

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=16	DATE: 02/20/03
NO.	REVISION DESCRIPTION
DATE	BY
DRAWING TITLE ALUMINUM CLAD FRENCH OUTSWING DOORS	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903	
MANUFACTURER WEATHER SHIELD WINDOWS & DOORS ONE WEATHER SHIELD PLAZA MEDFORD, WI 54451 715-748-6555	
CERTIFICATION APR 01 2003	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1211	REV.
SHEET NO. 4	OF 8



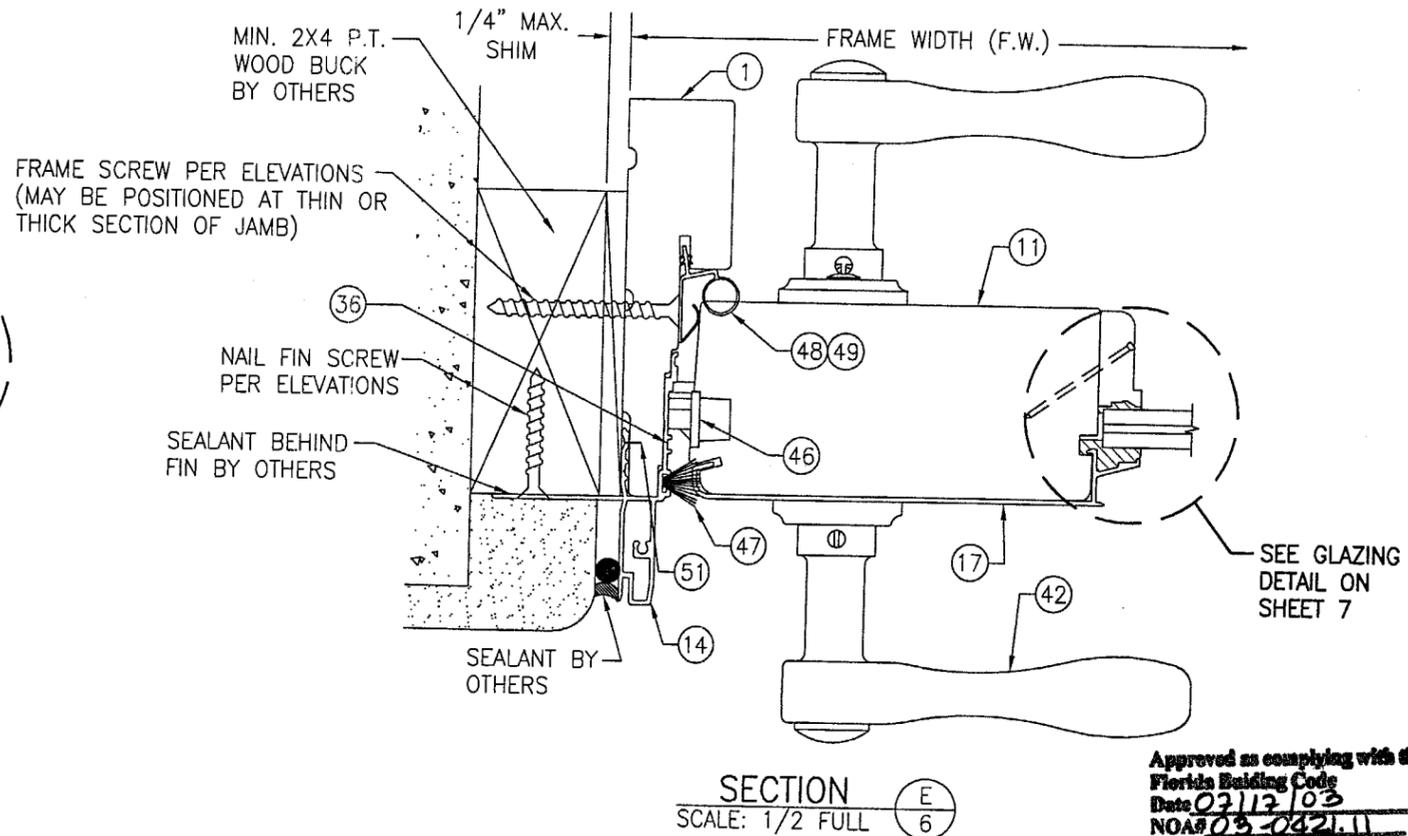
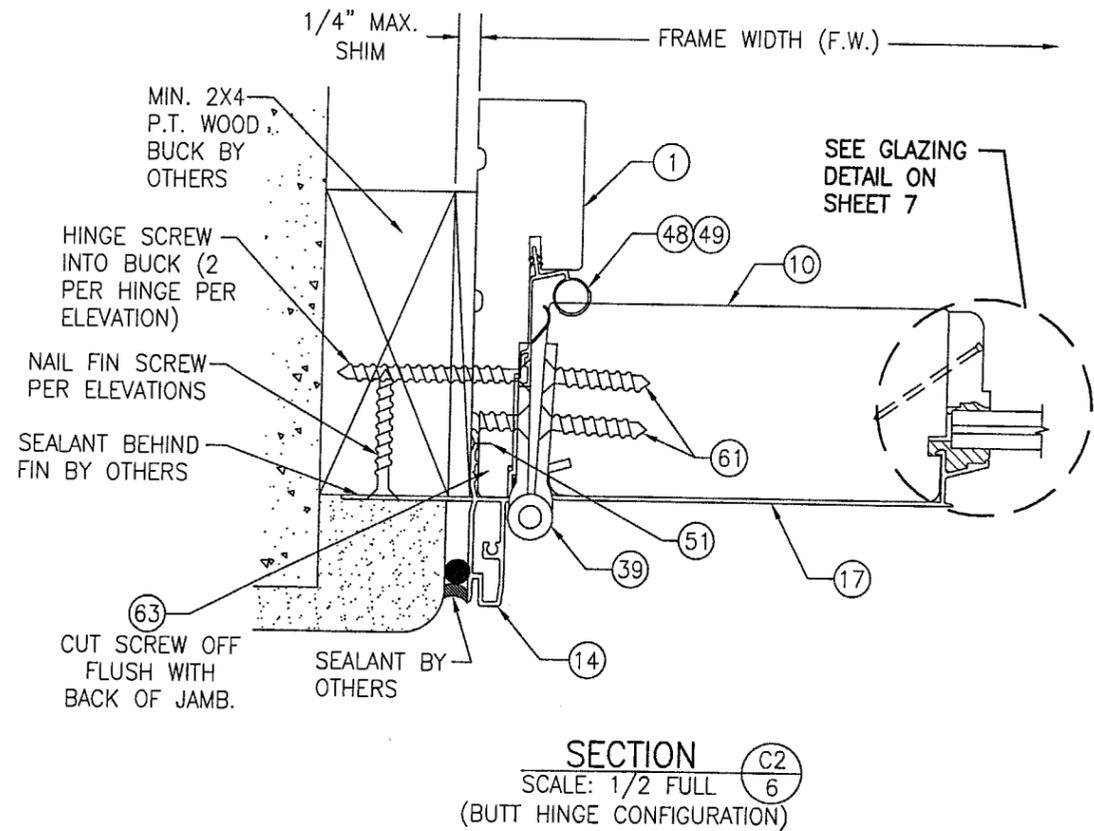
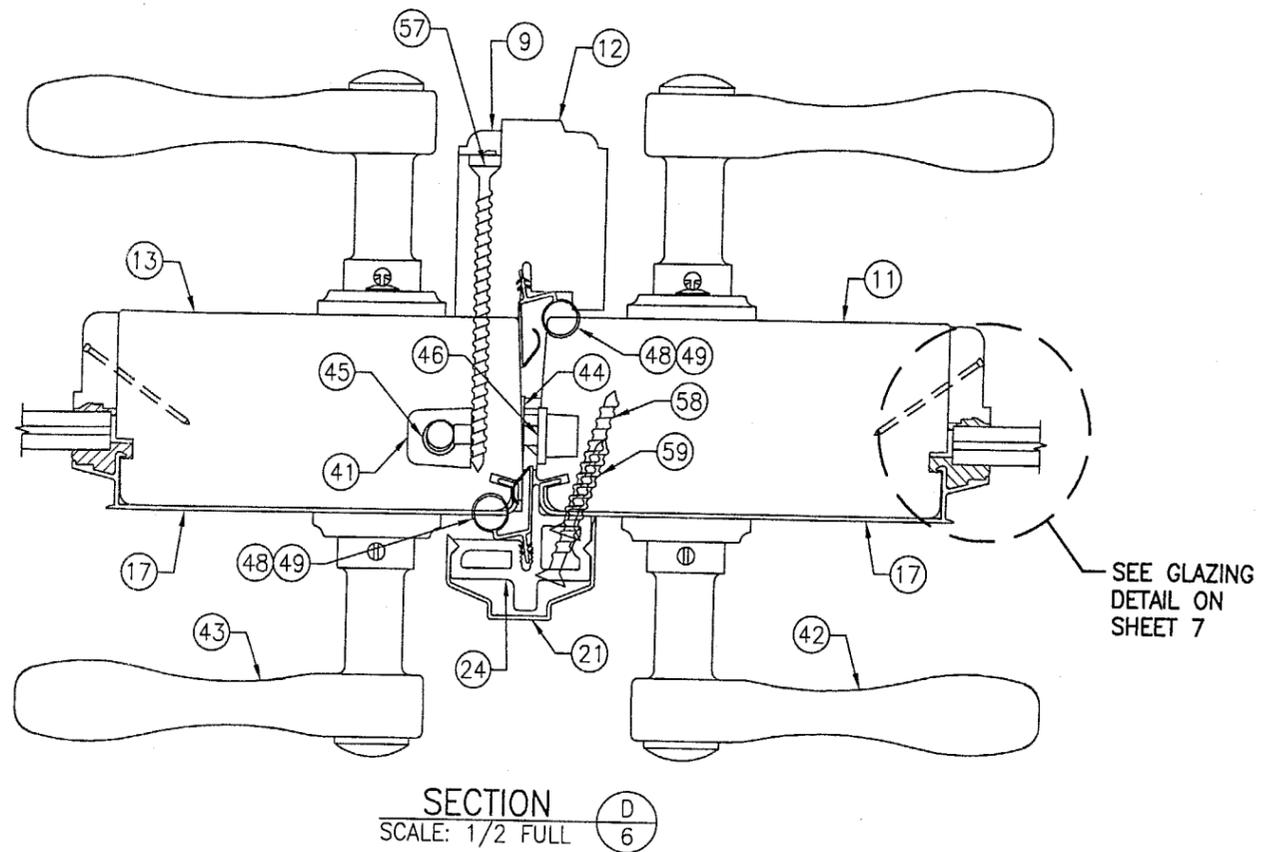
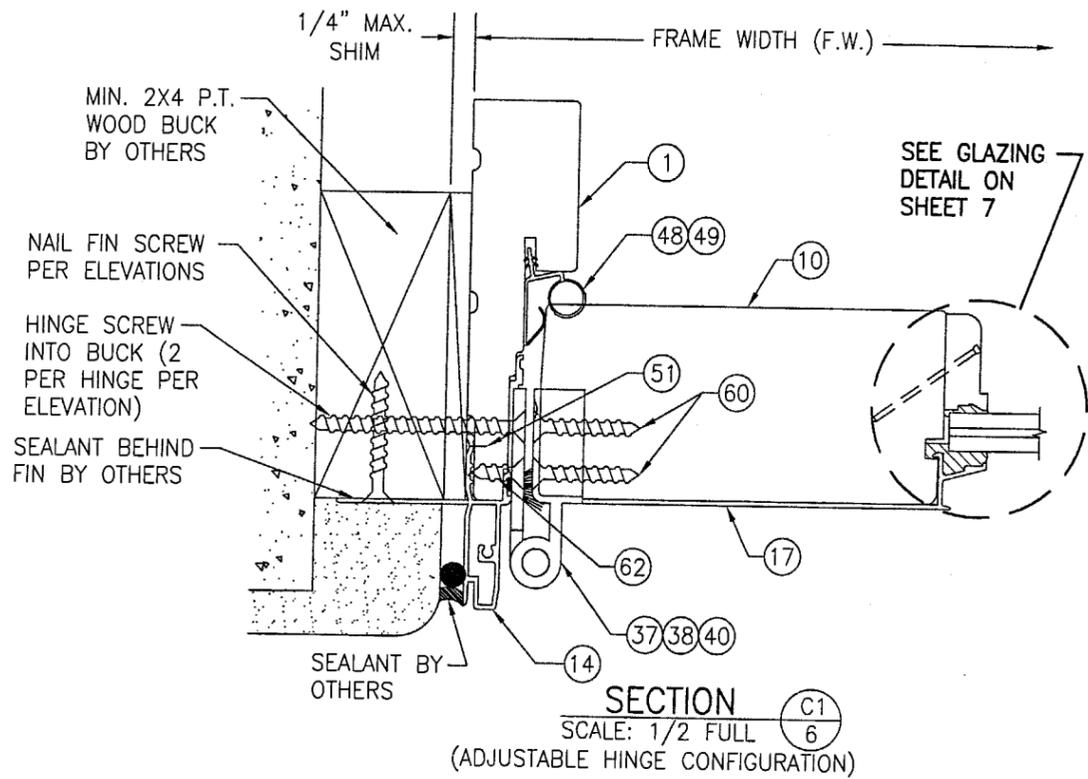
SECTION A  
SCALE: 1/2 FULL

SECTION B  
SCALE: 1/2 FULL  
(FOR DETAIL NOT SHOWN, SEE SECTION "A")

SECTION G  
SCALE: 1/2 FULL

Approved as complying with the Florida Building Code  
 Date 03/13/03  
 NOA# 03-0421.11  
 Miami Code Product Control  
 Division  
 By: *Gloria Bowman*

DRAWN BY: K.P.S.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 02/20/03	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE <b>ALUMINUM CLAD FRENCH OUTSWING DOORS</b>			
MANUFACTURER <b>WEATHER SHIELD WINDOWS &amp; DOORS</b> ONE WEATHER SHIELD PLAZA MEDFORD, WI 54451 715-748-6555			
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b> 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4802 FAX: 561-775-4903			
CERTIFICATION APR 01 2003		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1211		REV.	
SHEET NO. 5 OF 8			



Approved as complying with the  
Florida Building Code  
Date: 03/13/03  
NOA 03-04211  
Miami Date Product Control  
Divided  
By: *Alvina Berman*

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 02/20/03
NO.	REVISION DESCRIPTION
DATE	BY

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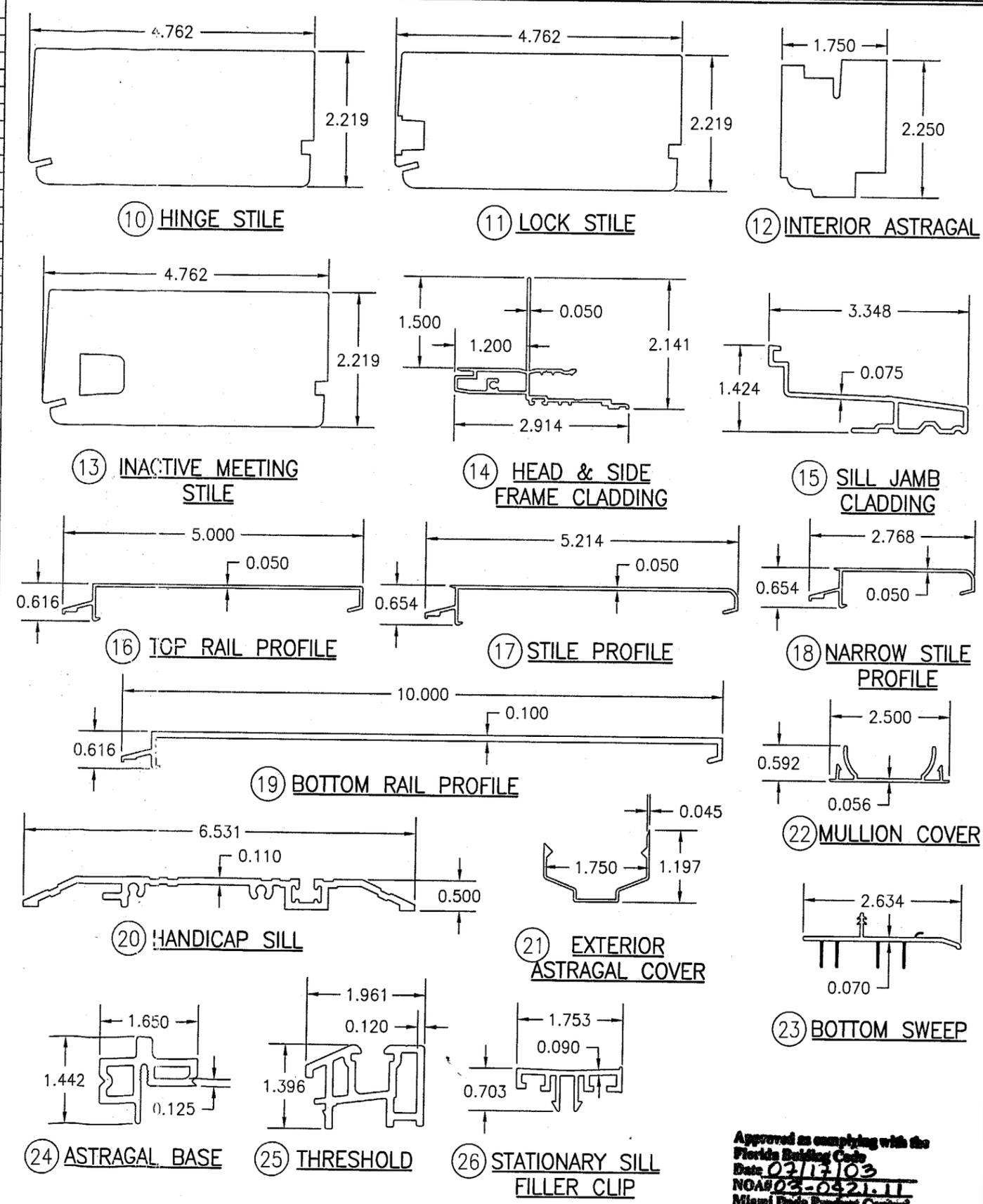
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8895 N. MILITARY TRAIL, SUITE C-204  
PALM BEACH GARDENS, FL 33410  
PHONE: 561-775-4902 FAX: 561-775-4903

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ITEM #	DRAWING #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS			
1	08-1006-C2503	HEAD & SIDE JAMB	* WOOD
2	08-0002-W2402	SILL JAMB	* WOOD
3	08-0004-W2402	SILL BASE	* WOOD
4	08-1072-W2427	TOP RAIL	* WOOD
5	08-1075-W2427	NARROW SIDE RAIL	* WOOD
6	08-W5074	OAK THRESHOLD LEGACY	* WOOD
7	08-1071-W2427	BOTTOM RAIL	* WOOD
8	08-1680-02	GLAZING STOP	* WOOD
9	08-W8075	ASTRAGAL SCREW CAP	* WOOD
10	08-1087-C2537	HINGE STILE	* WOOD
11	08-1088-C2537	LOCK STILE	* WOOD
12	08-1611-02	INTERIOR ASTRAGAL	* WOOD
13	08-1089-C2537	INACTIVE MEETING STILE	* WOOD
14	04-0004-C2403	HEAD & SIDE FRAME CLADDING	6063-T5 OR 6063-T4 ALUMINUM
15	04-0009-W2402	SILL JAMB CLADDING	6063-T5 ALUMINUM
16	04-0056-C2427	TOP RAIL PROFILE	6063-T5 ALUMINUM
17	04-0016-C2033	STILE PROFILE	6063-T5 ALUMINUM
18	04-0018-C2033	NARROW STILE PROFILE	6063-T5 ALUMINUM
19	04-0015-C2022	BOTTOM RAIL PROFILE	6063-T5 ALUMINUM
20	04-0050-W1802	HANDICAP SILL	6063-T5 ALUMINUM
21	04-0011-W2487	EXTERIOR ASTRAGAL COVER	6063-T5 ALUMINUM
22	04-A1621	MULLION COVER	6063-T5 ALUMINUM
23	02-1514-02	BOTTOM SWEEP	VINYL
24	04-0010-W2487	ASTRAGAL BASE	6063-T5 ALUMINUM
25	02-0005-W2402	THRESHOLD	VINYL
26	02-0006-W2402	STATIONARY SILL FILLER CLIP	VINYL
27A	12-0017-W2471	GROMMET	PVC
27B	12-0209-W2596	SINGLE PANEL GROMMET	PVC
28	12-1557-02	HEAD JAMB BACKER PLATE (10.125" X 4.50" X .080")	STAINLESS STEEL
29	12-0011-W2401	SINGLE DOOR TOP BOLT STRIKE PLATE (1.495" X 1.320" X .119")	304 S.S.
30	12-1463-02	SINGLE DOOR SILL BOLT STRIKE PLATE (2.853" X .800" X .120")	304 S.S.
31	12-1464-02	DOUBLE DOOR SILL STRIKE PLATE (4.000" X 2.817" X .125")	304 S.S.
32	12-1465-02	DOUBLE DOOR HEAD STRIKE PLATE (5.634" X 1.762" X .060")	304 S.S.
33	12-0013-W2403	TONGUE STIKE PLATE (5.000" X 1.000" X .059")	304 S.S.
34	12-0211-W2596	ADA SINGLE DOOR STRIKE PLATE (3.028" X 1.000" X .060")	304 S.S.
35	12-1291-02	PANEL CORNER REINFORCEMENT BAR (10.100" X 1.000" X .120")	304 S.S. - 1 PER PANEL CORNER
36	12-1286-02	SINGLE DOOR STILE LOCK STRIKE (9.331" X 1.320" X .118")	304 S.S.
HARDWARE			
37	12-0001-W2477	VERTICAL ADJUSTABLE HINGE (PLATED STEEL OR S.S.)	VARIANT HEAVY DUTY OR MILLENIUM STANDARD
38	12-0002-W2477	HORIZONTAL ADJUSTABLE HINGE (PLATED STEEL OR S.S.)	VARIANT HEAVY DUTY OR MILLENIUM STANDARD
39	12-1594-02	4" X 4" BUTT HINGE (PLATED STEEL OR S.S.)	HAGER 1191
40	12-1718-02	VARIANT HINGE (PLATED STEEL OR S.S.)	SIMONS-WERK
41	12-1601-02	10 MM SHOOT BOLT GUIDE	NYLON 6, 30% GLASS FIBER
42	12-1624-02	ACTIVE HANDLE SET WITH KEYED CYLINDER	AS REQUIRED TO OPERATE DOOR LOCKS
43	12-1625-02	INACTIVE HANDLE SET	AS REQUIRED TO OPERATE DOOR LOCKS
44	12-1607-02	2-POINT CONCEALED INACTIVE PANEL LOCK SET	HTL
45	12-1558-02	.38 TOP & BOTTOM EXTENSION ROD CONCEALED	HOPPE NORTH AMERICA HLS SERIES
46	12-1576-02	5-POINT ACTIVE PANEL LOCK ASSY. W/SHOOT BOLTS	HOPPE NORTH AMERICA HLS 9000 SERIES
SEALS & SEALANTS			
47	12-0050-W2463	HEAD & SIDE TFT WEATHERSTRIP	POLYPROPYLENE
48	12-0005-P2262	INTEK ARLOC WEATHERSTRIP	VINYL
49	12-1602-02	AMESBURY WEATHERSTRIP	VINYL
FASTENERS			
50	-	F16 X 1 1/2" BRAD NAIL	2" FROM ENDS & 13" MAX. O.C.
51	-	3/16" X 1/2" STAPLE	3" FROM ENDS & 20" MAX. O.C.
52	-	NO. 8 X 2 1/2" DRYWALL SCREW	3" FROM ENDS & 16" MAX. O.C.
53	-	NO. 7 X 5/8" FH WOOD SCREW	8 PER HEAD JAMB BACKER PLATE
54	-	NO. 7 X 5/8" FH WOOD SCREW	2 PER HEAD STRIKE PLATE
55	-	NO. 8 X 1 1/4" WOOD SCREW	4 PER CORNER REINFORCEMENT PLATE
56	-	NO. 8 X 1 1/2" FH SMS SCREW	1 PER SINGLE/2 PER DOUBLE STRIKE PLATE
57	-	NO. 8 X 3 1/2" FH WOOD SCREW	2" FROM ASTRAGAL ENDS & 6" O.C.
58	-	NO. 8 X 2" FH DRYWALL SCREW	1 1/2" & 2 1/2" FROM PANEL ENDS
59	-	NO. 8 X 1 3/4" WOOD SCREW	10" FROM ASTRAGAL ENDS & 8" O.C.
60	-	NO. 8 X 1 1/4" WOOD SCREW	4 PER ADJUSTABLE HINGE INTO STILE
61	-	NO. 12 X 1 1/4" FH WOOD SCREW	4 PER BUTT HINGE INTO STILE
62	-	NO. 8 X 5/8" FH WOOD SCREW	2 PER ADJUSTABLE HINGE INTO JAMB
63	-	NO. 12 X 1 1/4" FH WOOD SCREW	2 PER BUTT HINGE INTO JAMB
64	-	NO. 18 X 1 1/2" X 1" S.S. STAPLE	2" FROM ENDS & 4" TO 6" O.C.

\* WOOD USED WITH TEST UNITS WAS SELECT WESTERN PINE. ALTERNATE WOOD SPECIES TO BE APPLICABLE WITH THESE WINDOWS IS MIN. SELECT MAHOGANY, SOUTHERN PINE, OAK, CHERRY, MAPLE, DOUGLAS FIR & CYPRESS.



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NOA#03-0921.11  
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Division  
By: *Alfonso Beaman*

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SHEET NO. 8 OF 8