



**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  
www.miamidade.gov/buildingcode**

**NOTICE OF ACCEPTANCE (NOA)**

**KML Windows, Inc.  
23 Buchanan Court  
London, Ontario, Canada N5Z 4P9**

**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: Aluminum Clad Outswing Wood French Door-Impact**

**APPROVAL DOCUMENT:** Drawing No.1228A, titled "Aluminum Clad Wood French Impact Doors", sheets 1 through 12 of 12, dated 5/13/03 and last revised on FEB 25, 2209, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren Schaefer, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: Large Missile Impact Resistant**

**Limitation:**

1. CMU installation is not applicable to Head or Sill.
2. Two (2) #8 screws into clip installation must have min penetration of 1-1/4" into wood.

**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 **revises & renews** NOA # **04-0211.07** and consists of this page 1 and evidence page, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



3/23/19

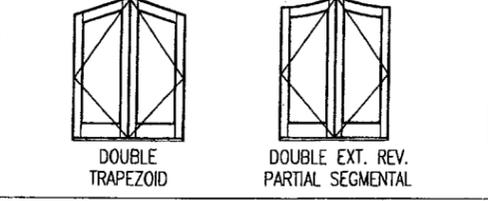
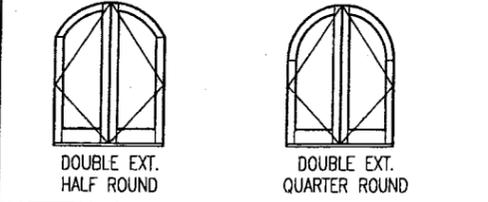
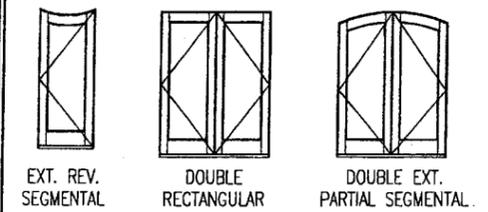
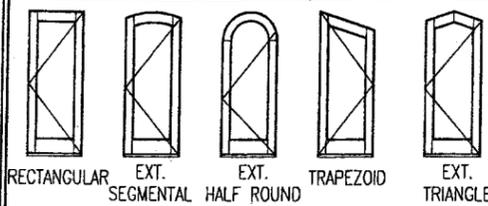
**NOA No 09-0305.02  
Expiration Date: April 26, 2014  
Approval Date: April 22, 2009  
Page 1**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

- A. DRAWINGS** (transferred from file # **04-0211.07**)
1. Manufacturer's parts and sections drawings.
  2. Drawing No. **1228A**, titled "Aluminum Clad Wood French Impact Doors", sheets 1 through 12 of 12, dated 5/13/03 and last revised on FEB 25, 2209, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren Schaefer, P.E.
- B. TESTS** (transferred from file # **04-0211.07**)
1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with installation diagram of outswing clad wood French doors, prepared by Architectural Testing, Inc., Test Report No. **ATI 02-35026.01**, dated 2/19/03, signed & sealed by Steven Urich, 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 installation diagram of outswing wood French doors with different shape top, with & without sidelites, prepared by Intertek Testing Services NA Inc., Test Report(s) No. **J99022770-231-07** and **J99022770-231-08**, dated 10/11/00, both signed and sealed by Douglas Keith Tucker, P.E
- C. CALCULATIONS:**
1. Anchor Calculations and structural analysis, dated 02/24/09, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed & sealed by Warren Schaefer, P.E.
  2. Glazing complies w/ ASTM E-1300-02 & -04
- D. QUALITY ASSURANCE BY;**
1. Miami-Dade County Building Code Compliance Office (BCCO).
- E. MATERIAL CERTIFICATIONS**
1. Notice of Acceptance No. **06-0216.06** issued to Solutia, for "Saflex III G clear & color interlayer", expiring on 05/21/2011.
- F. STATEMENTS**
1. Letter of conformance to FBC 2007 & "No financial interest" dated February 24, 2009, signed and sealed by Warren Schaefer, P.E.
  2. Laboratory Statement of compliance, part of the test reports.
- F. OTHER**
1. This NOA **revises & renews** NOA # **04-0211.07**, expiring April 26, 2009.
  2. Test proposal # **02-0776** dated Dec 02, 2002, approved by BCCO.

*Ishaq I. Chanda*

Ishaq I Chanda, P.E.  
Product Control Examiner  
NOA No 09-0305.02  
Expiration Date: April 26, 2014  
Approval Date: April 22, 2009



SHAPES CONSIDERED AS PART OF THIS APPROVAL

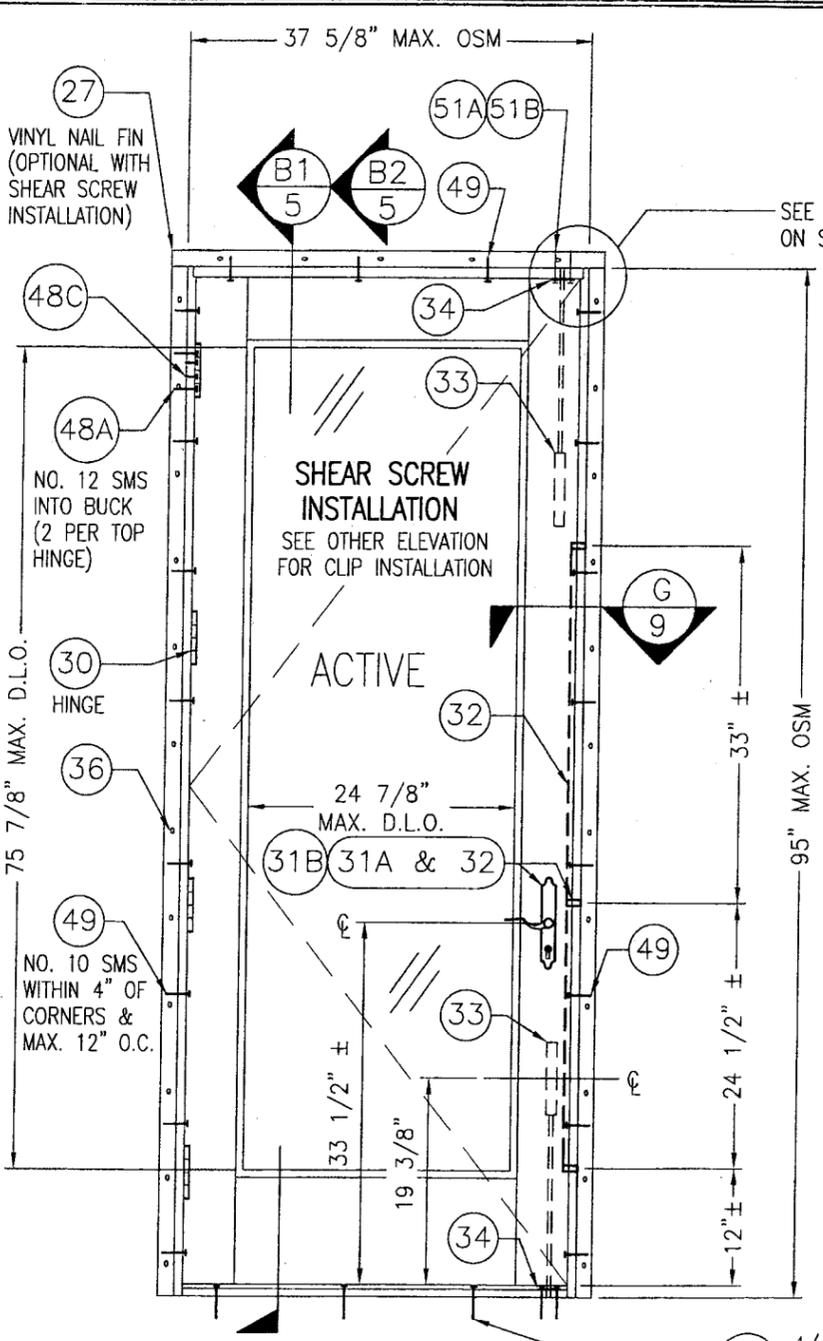
**NOTE:** FOR COMBINATION OF UNITS. SEE MULLION DRAWING NO. 1003E & 1003F UNDER SEPARATE APPROVAL

**ALLOWABLE DESIGN LOADS**  
+65 PSF/-70 PSF

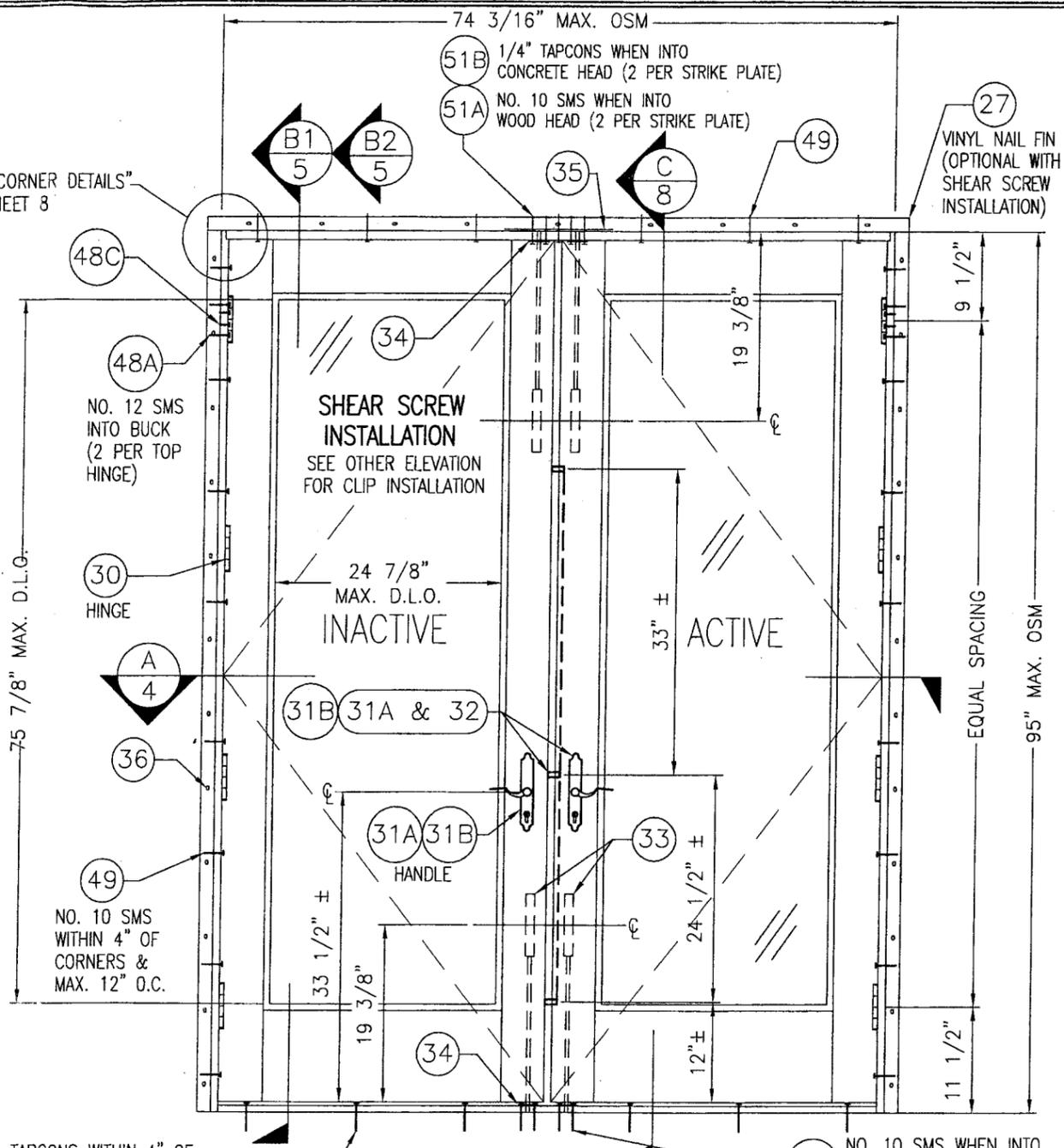
FOR JAMB FASTENER EMBED & EDGE DISTANCE REQUIREMENTS SEE SHEET 3

**GENERAL NOTES:**

1. THESE DOOR SYSTEMS HAVE BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".
2. OPENINGS, BUCKING & 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 & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH THE FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT DOORS.
5. THESE DOOR SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
6. IMPACT SHUTTERS ARE NOT REQUIRED WITH THESE DOORS.
7. ALL ANCHORS SECURING DOOR FRAME TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
8. DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, A DIRECTIONALITY FACTOR OF  $K_d = 0.85$  MAY BE APPLIED WHEN USED IN CONJUNCTION WITH LOAD COMBINATIONS SPECIFIED IN SECTION 2.0 OF THE ASCE 7 STANDARD.
9. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. WIND LOAD DURATION FACTOR  $C_d = 1.6$  WAS USED FOR WOOD SCREW ANALYSIS ONLY.
10. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE CHAPTER 20.
11. ALL WOOD MEMBERS OF DOORS THAT MAY POSSIBLY COME INTO CONTACT WITH MASONRY OR CONCRETE SUBSTRATES, ARE SUBJECT TO MOISTURE &/OR ARE SUBJECT TO THE OUTSIDE ENVIRONMENT SHALL BE OF AN APPROVED DURABLE SPECIES OR BE TREATED IN AN APPROVED METHOD WITH AN APPROVED PRESERVATIVE PER FBC SECTION 2326.

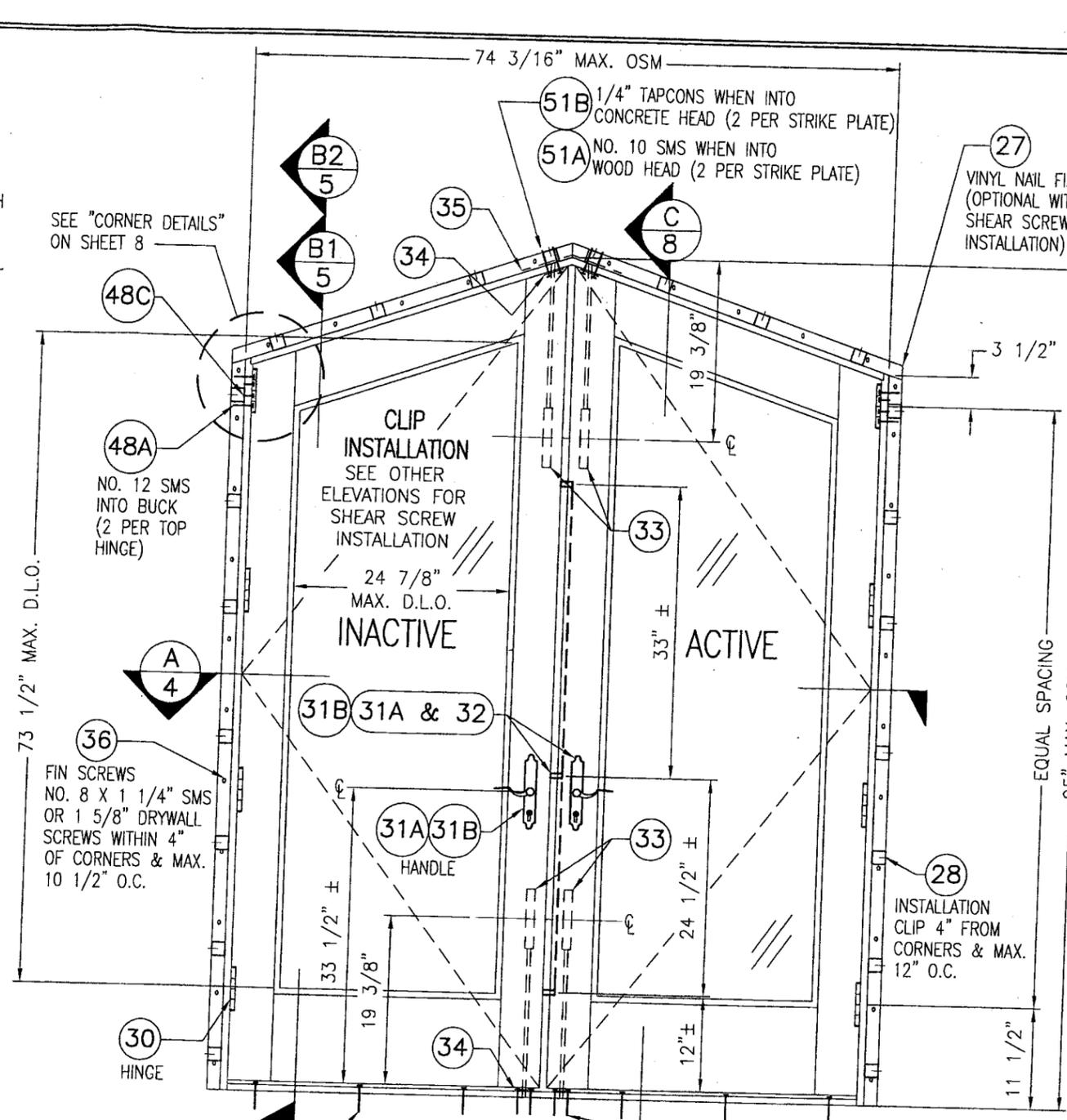
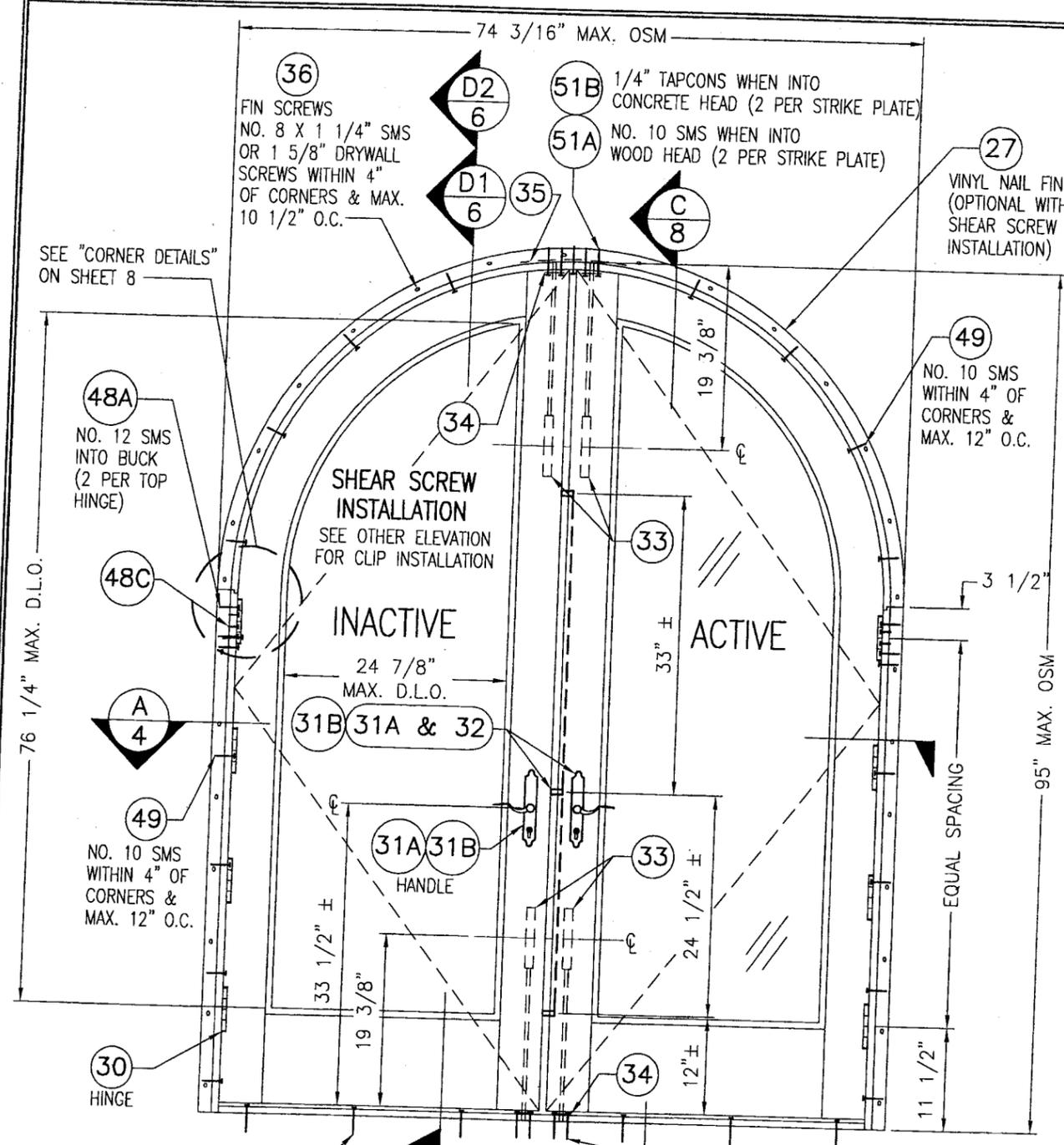


**EXTERIOR ELEVATION  
SINGLE RECTANGULAR FRENCH DOOR**  
SCALE: 3/4"=1'-0"



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

DRAWN BY: K.P.S.		CHECKED BY: W.W.S.	
PLOT: 1=16		DATE: 05/13/03	
NO.	REVISION DESCRIPTION	DATE	BY
AT	UPDATE TO CURRENT FBC	02/24/08	WRM
<b>ALUMINUM CLAD WOOD FRENCH IMPACT DOORS</b> MANUFACTURER: <b>KML WINDOWS, INC.</b> 23 BUCHANAN COURT LONDON, ONTARIO, CANADA N5Z4P9 (519) 681-7012			
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			
<b>CERTIFICATION</b> <b>FEB 25 2009</b>		By <i>Ismael L. Chanda</i> Miami Dade Product Control Division	
DRAWING NO. 1228A		REV. A	
SHEET NO. 1 OF 12			



1/4" TAPCONS WITHIN 4" OF CORNERS & MAX. 12" O.C. WHEN INTO CONCRETE

NO. 10 SMS WITHIN 4" OF CORNERS & MAX. 12" O.C. WHEN INTO WOOD FRAMING

54A 1/4" TAPCONS WITHIN 4" OF CORNERS & MAX. 12" O.C. WHEN INTO CONCRETE

54B NO. 10 SMS WITHIN 4" OF CORNERS & MAX. 12" O.C. WHEN INTO WOOD FRAMING

53B NO. 10 SMS WHEN INTO WOOD SILL (2 PER STRIKE PLATE)

53A 1/4" TAPCONS WHEN INTO CONCRETE SILL (2 PER STRIKE PLATE)

1/4" TAPCONS WITHIN 4" OF CORNERS & MAX. 12" O.C. WHEN INTO CONCRETE

NO. 10 SMS WITHIN 4" OF CORNERS & MAX. 12" O.C. WHEN INTO WOOD FRAMING

54A 1/4" TAPCONS WITHIN 4" OF CORNERS & MAX. 12" O.C. WHEN INTO CONCRETE

54B NO. 10 SMS WITHIN 4" OF CORNERS & MAX. 12" O.C. WHEN INTO WOOD FRAMING

53A NO. 10 SMS WHEN INTO WOOD SILL (2 PER STRIKE PLATE)

53B 1/4" TAPCONS WHEN INTO CONCRETE SILL (2 PER STRIKE PLATE)

**NOTE:** FOR COMBINATION OF UNITS. SEE MULLION DRAWING NO. 1003E & 1003F UNDER SEPARATE APPROVAL

**ALLOWABLE DESIGN LOADS**  
+65 PSF/-70 PSF

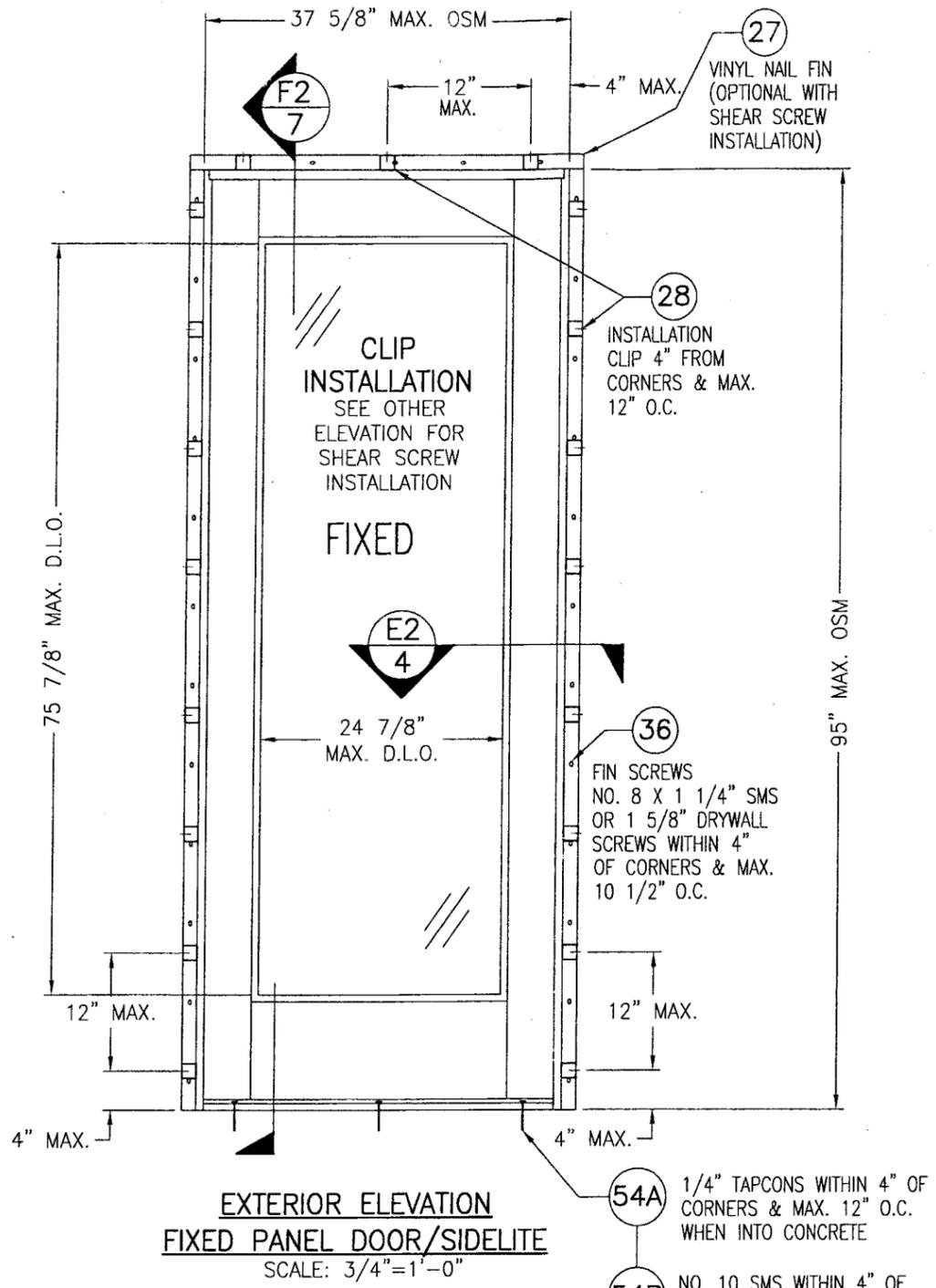
FOR JAMB FASTENER EMBED & EDGE DISTANCE REQUIREMENTS SEE SHEET 3

**PRODUCT RENEWED**  
as complying with the Florida Building Code  
Acceptance No. 09-0305-02  
Expiration Date APR 26, 2014  
By *Ishag L. Chanda*  
Miami Dash Product Control Division

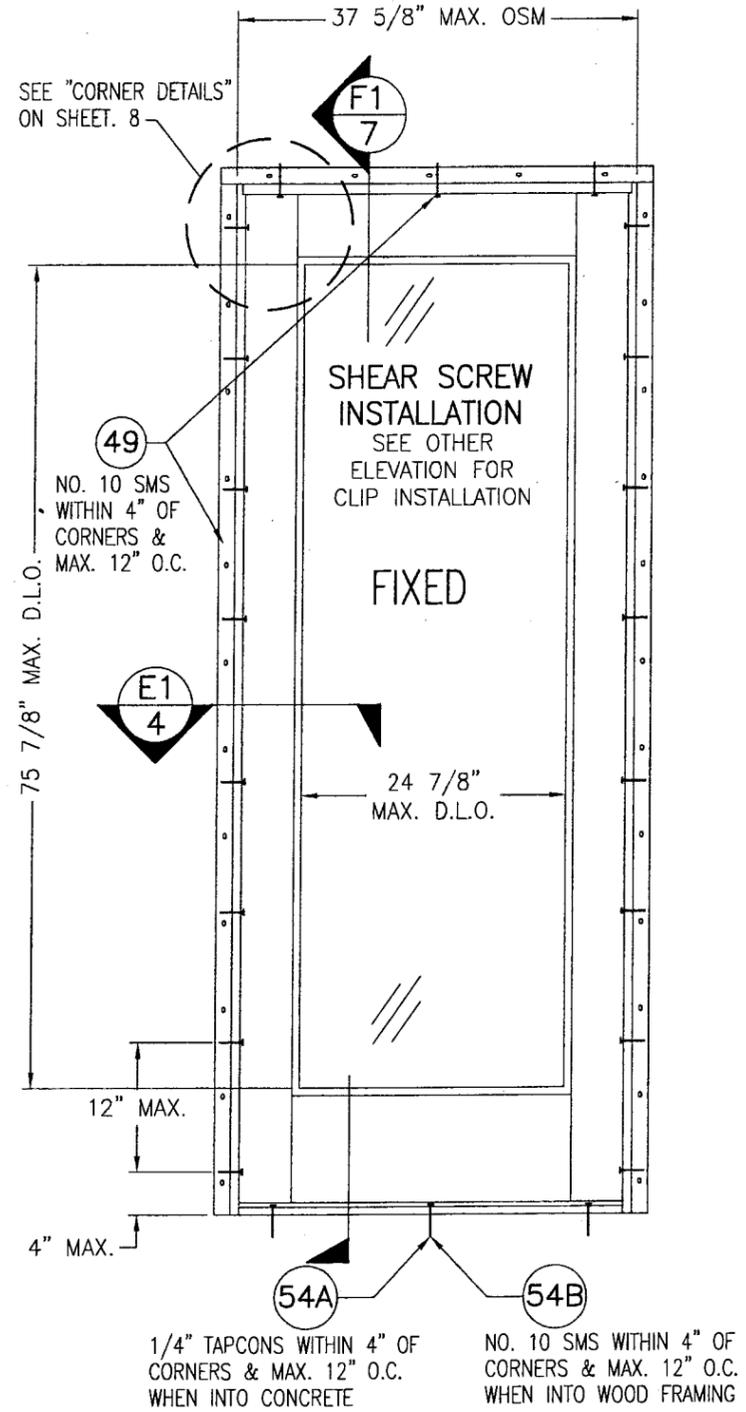
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PLOT: 1=16	DATE: 05/13/03
NO.	REVISION DESCRIPTION
DATE	BY
ALUMINUM CLAD WOOD FRENCH IMPACT DOORS MANUFACTURER <b>KML WINDOWS, INC.</b> 23 BUCHANAN COURT LONDON, ONTARIO, CANADA N5Z4P9 (519) 681-7012	
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; 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>FEB 25 2003</b>	
DRAWING NO. 1228A	REV. A
SHEET NO. 2 OF 12	

**ALLOWABLE DESIGN LOADS**  
+65 PSF/-70 PSF

**NOTE: FOR COMBINATION OF UNITS. SEE MULLION DRAWING NO. 1003E & 1003F UNDER SEPARATE APPROVAL**



**EXTERIOR ELEVATION  
FIXED PANEL DOOR/SIDELITE**  
SCALE: 3/4"=1'-0"



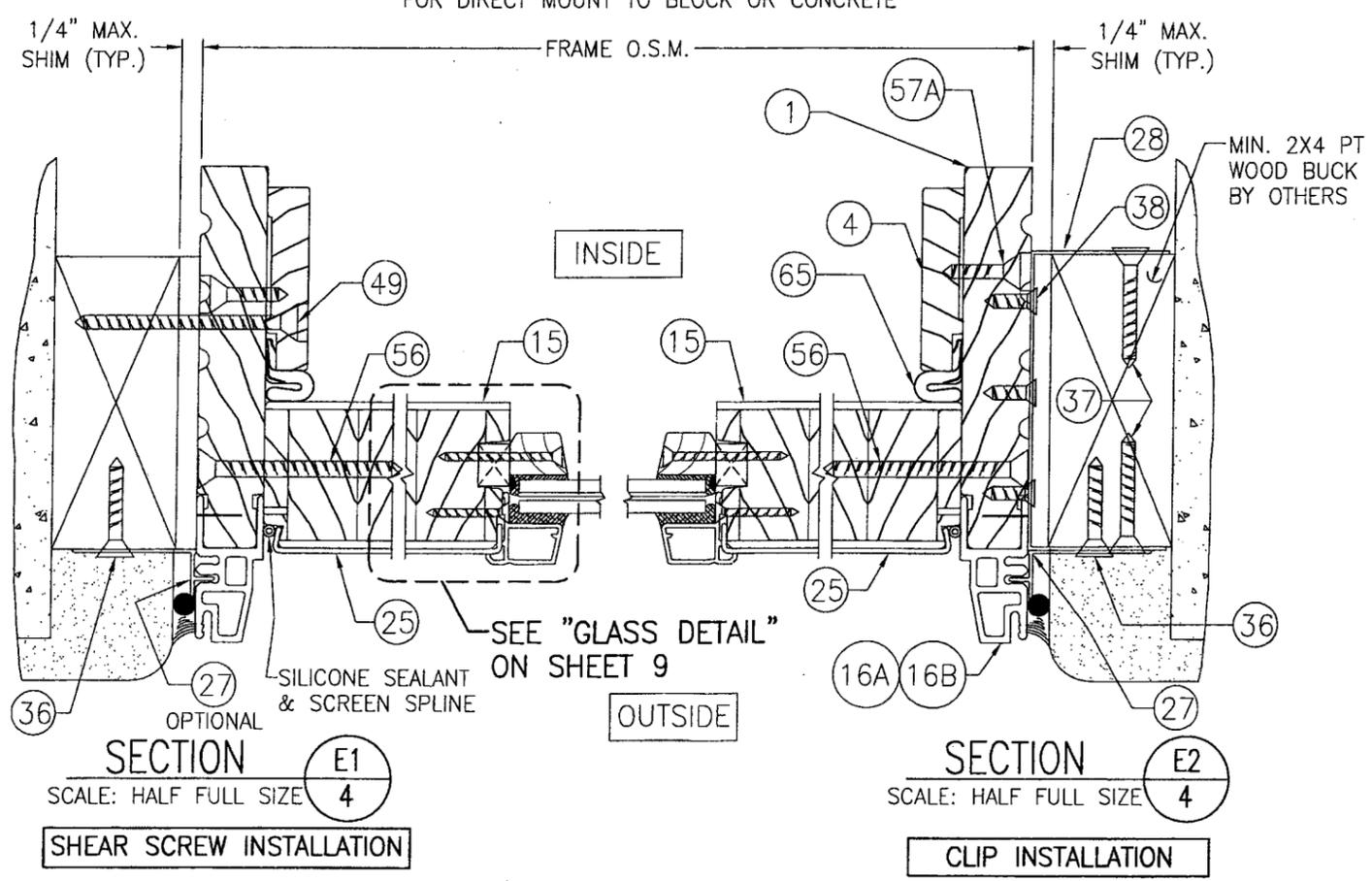
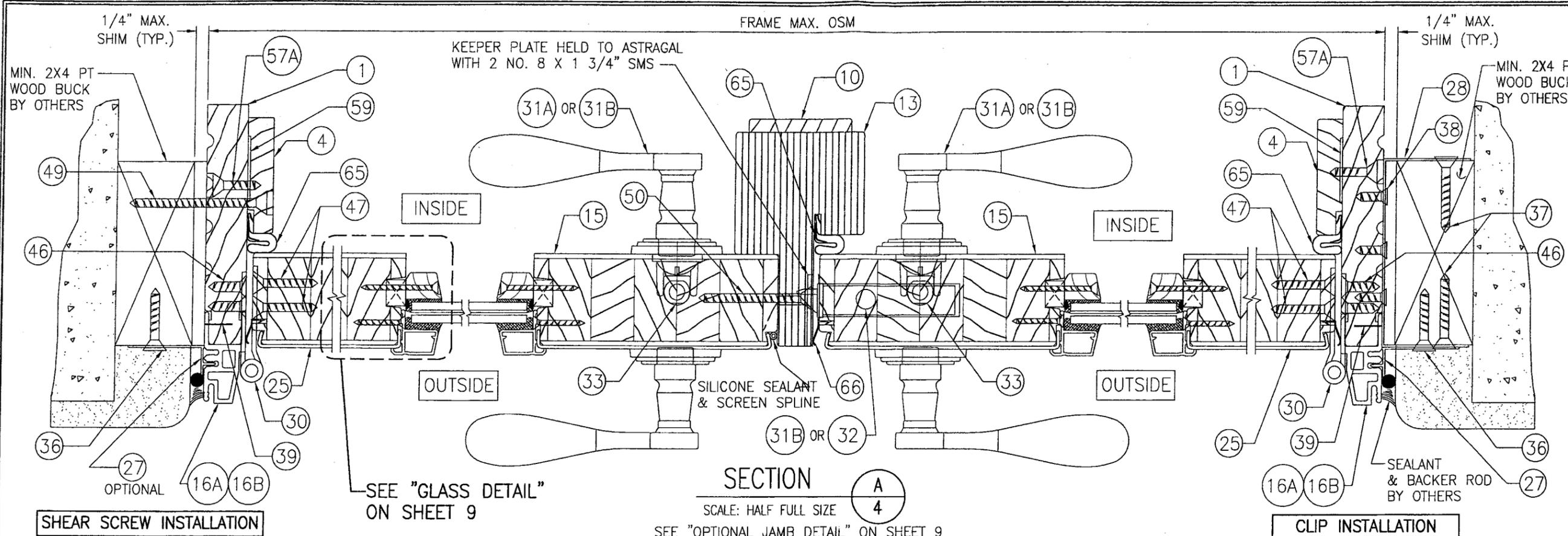
**EXTERIOR ELEVATION  
FIXED PANEL DOOR/SIDELITE**  
SCALE: 3/4"=1'-0"

FRAME ANCHOR REQUIREMENTS TABLE			
FRAME SHEAR SCREWS			
OPENING TYPE (SUBSTRATE)	FRAME TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 10 SMS OR WOOD SCREW	1 1/4"	3/4"
(1) C-90 CMU	(2) 1/4" CONCRETE SCREW	1 1/4"	2"
2500 PSI CONCRETE	(2) 1/4" CONCRETE SCREW	1 1/2"	2 1/2"

(1) CMU IS NOT APPLICABLE AT HEAD & SILL  
(2) CONCRETE SCREWS SHALL BE ELCO ULTRACONS, ITW RAMSET/RED HEAD TAPCONS, HILTI KWIK-CON II OR POWERS RAWL TAPPER (HARDENED STEEL OR S.S.).

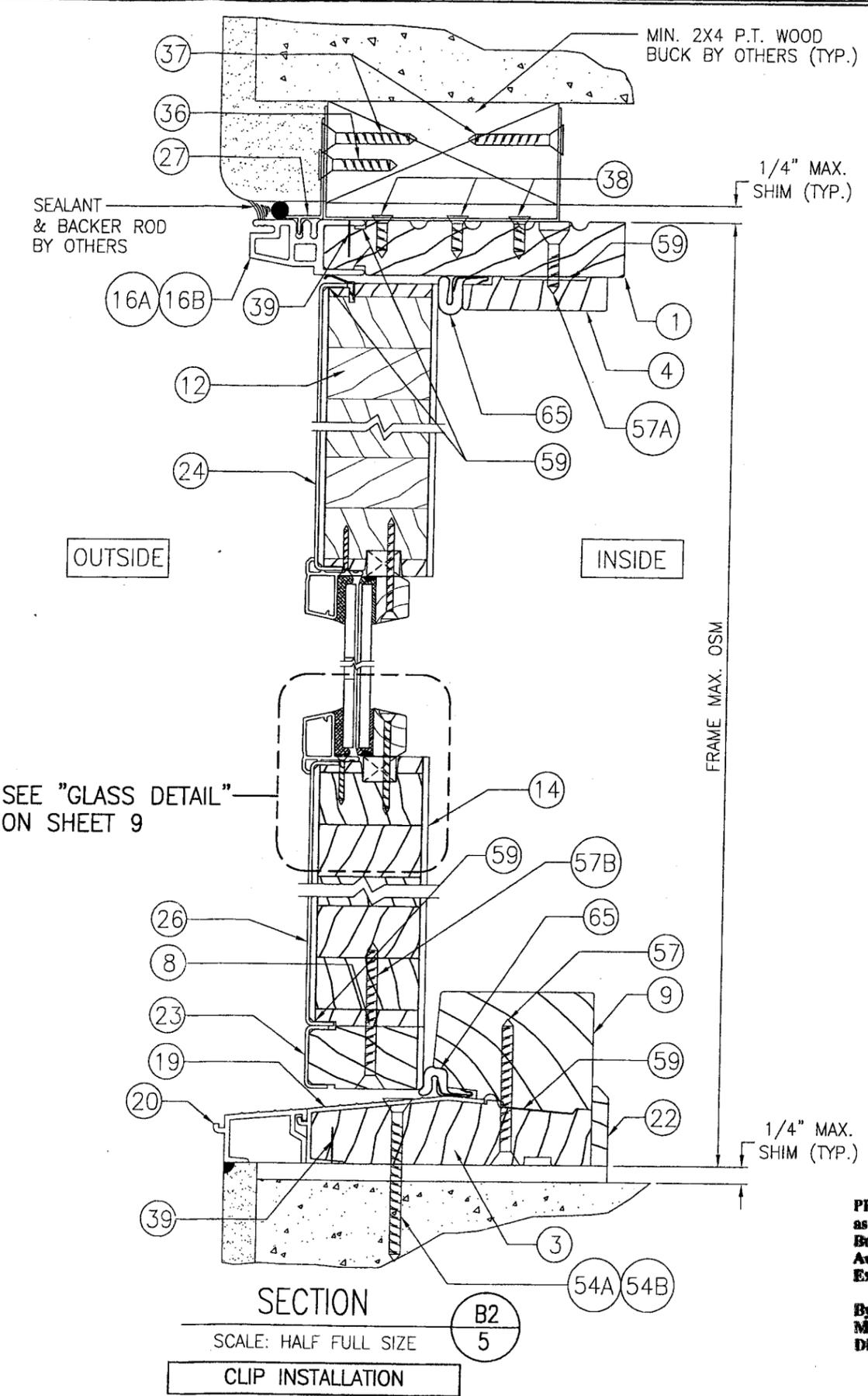
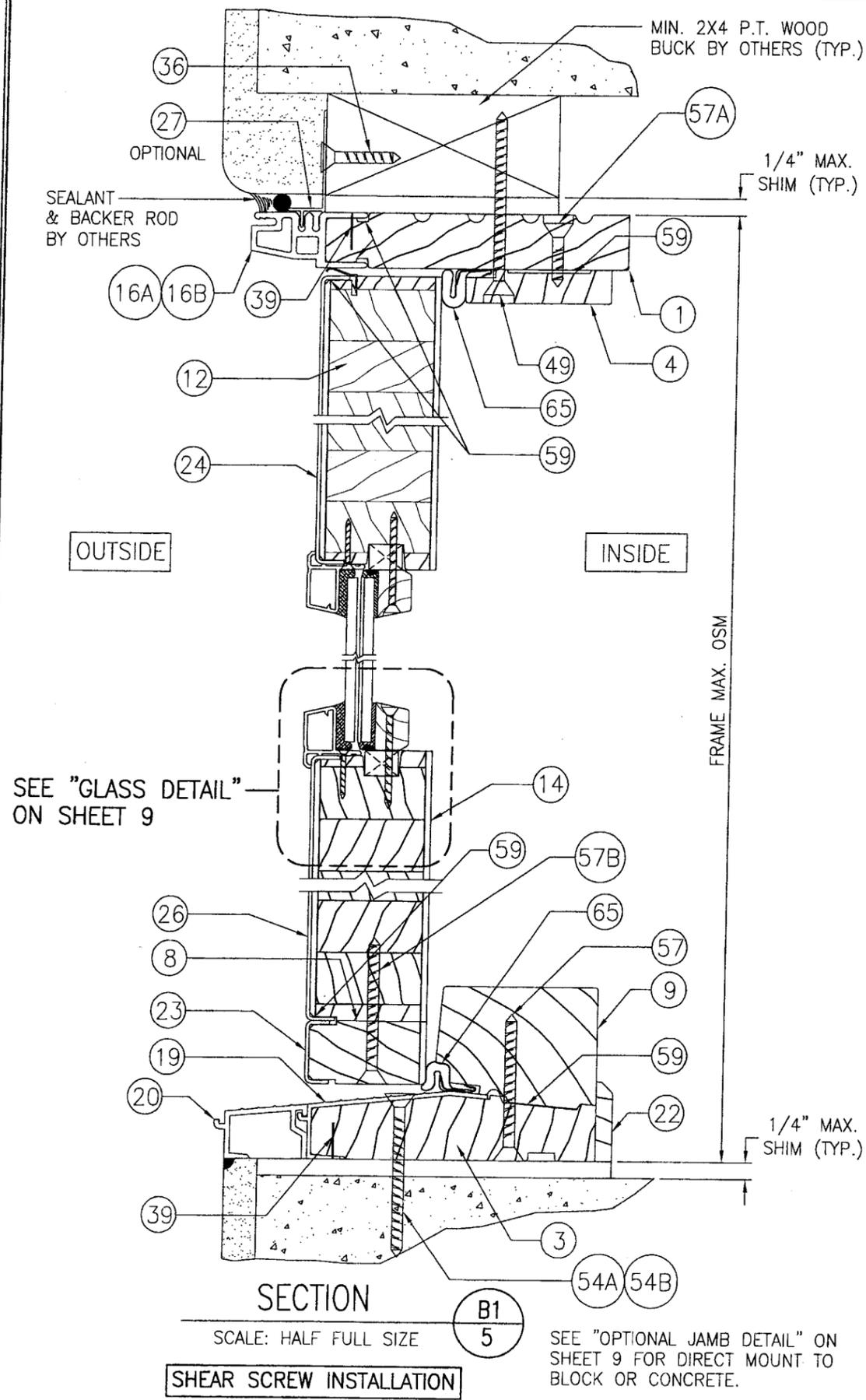
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PLOT: 1=16		DATE: 05/13/03	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: ALUMINUM CLAD WOOD FRENCH IMPACT DOORS			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.		MANUFACTURER: KML WINDOWS, INC.	
8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903		23 BUCHANAN COURT LONDON, ONTARIO, CANADA N5Z4P9 (519) 681-7012	
CERTIFICATION: FEB 25 2009			
By: <i>Ishtag I. Chaudhary</i> Miami-Dade Product Control Division			
DRAWING NO. 1228A		REV. A	
SHEET NO. 3 OF 12			

**PRODUCT RENEWED**  
as complying with the Florida Building Code  
Acceptance No. 09-0305-02  
Expiration Date: APR 26, 2014  
By: *Ishtag I. Chaudhary*  
Miami-Dade Product Control Division



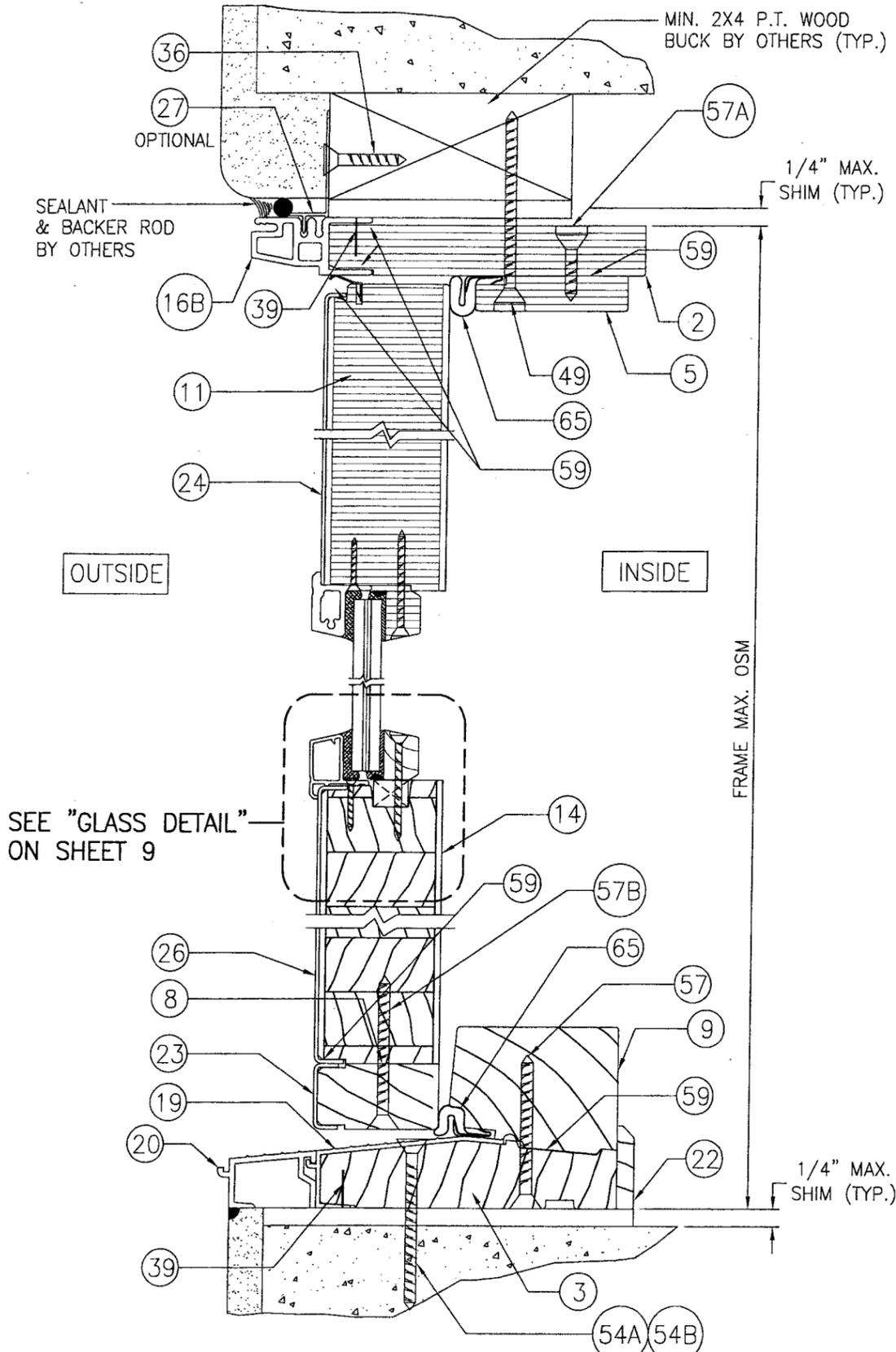
**PRODUCT RENEWED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 09-0305.02  
 Expiration Date 12/26/2014  
 By Ishag I. Chande  
 Miami Dade Product Control  
 Division

DRAWN BY: K.P.S.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 05/13/03	
NO.	REVISION DESCRIPTION	DATE	BY
DRAWING TITLE <b>ALUMINUM CLAD WOOD FRENCH IMPACT DOORS</b>			
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b>			
MANUFACTURER <b>KML WINDOWS, INC.</b>			
8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903			
23 BUCHANAN COURT LONDON, ONTARIO, CANADA N5Z4P9 (519) 681-7012			
CERTIFICATION <b>FEB 25 2009</b>			
DRAWING NO. <b>1228A</b>			
REV. <b>A</b>			
SHEET NO. <b>4 OF 12</b>			



**PRODUCT RENEWED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. *09-0305-02*  
 Expiration Date *Apr 26, 2014*  
 By *Iskay I. Uzun*  
 Miami Dade Product Control  
 Division

DRAWING BY: K.P.S.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 05/13/03	
NO.	REVISION DESCRIPTION	DATE	BY
DRAWING TITLE <b>ALUMINUM CLAD WOOD FRENCH IMPACT DOORS</b>			
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b>		MANUFACTURER <b>KML WINDOWS, INC.</b>	
8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903		23 BUCHANAN COURT LONDON, ONTARIO, CANADA N5Z4P9 (519) 681-7012	
CERTIFICATION <b>FEB 25 2009</b>		WARREN W. SCHAEFER, P.E. E. NO. 44135	
DRAWING NO. <b>1228A</b>		REV. <b>A</b>	
SHEET NO. <b>5 OF 12</b>			



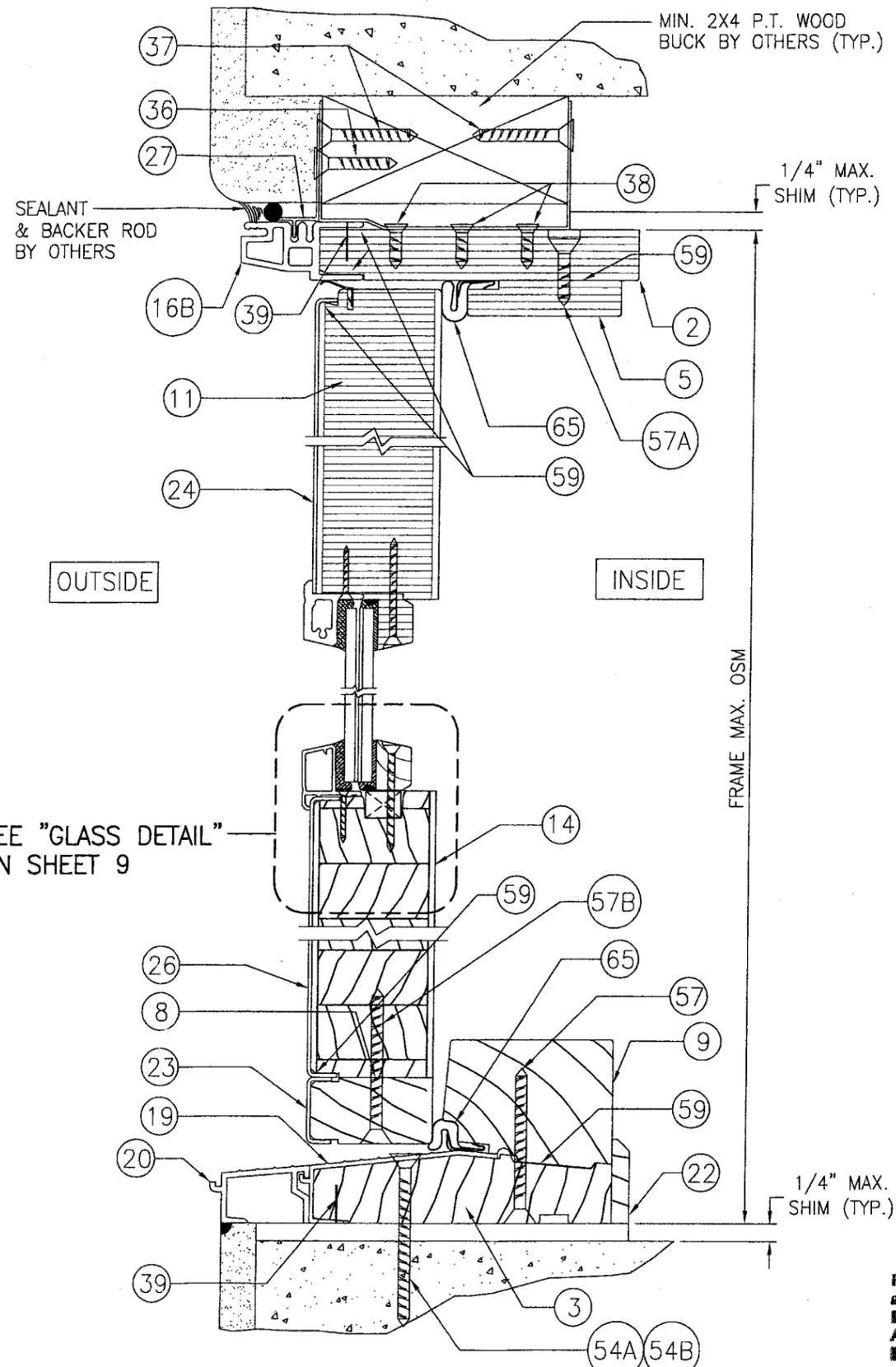
SECTION

SCALE: HALF FULL SIZE

SHEAR SCREW INSTALLATION

D1  
6

SEE "OPTIONAL JAMB DETAIL" ON SHEET 9 FOR DIRECT MOUNT TO BLOCK OR CONCRETE.



SECTION

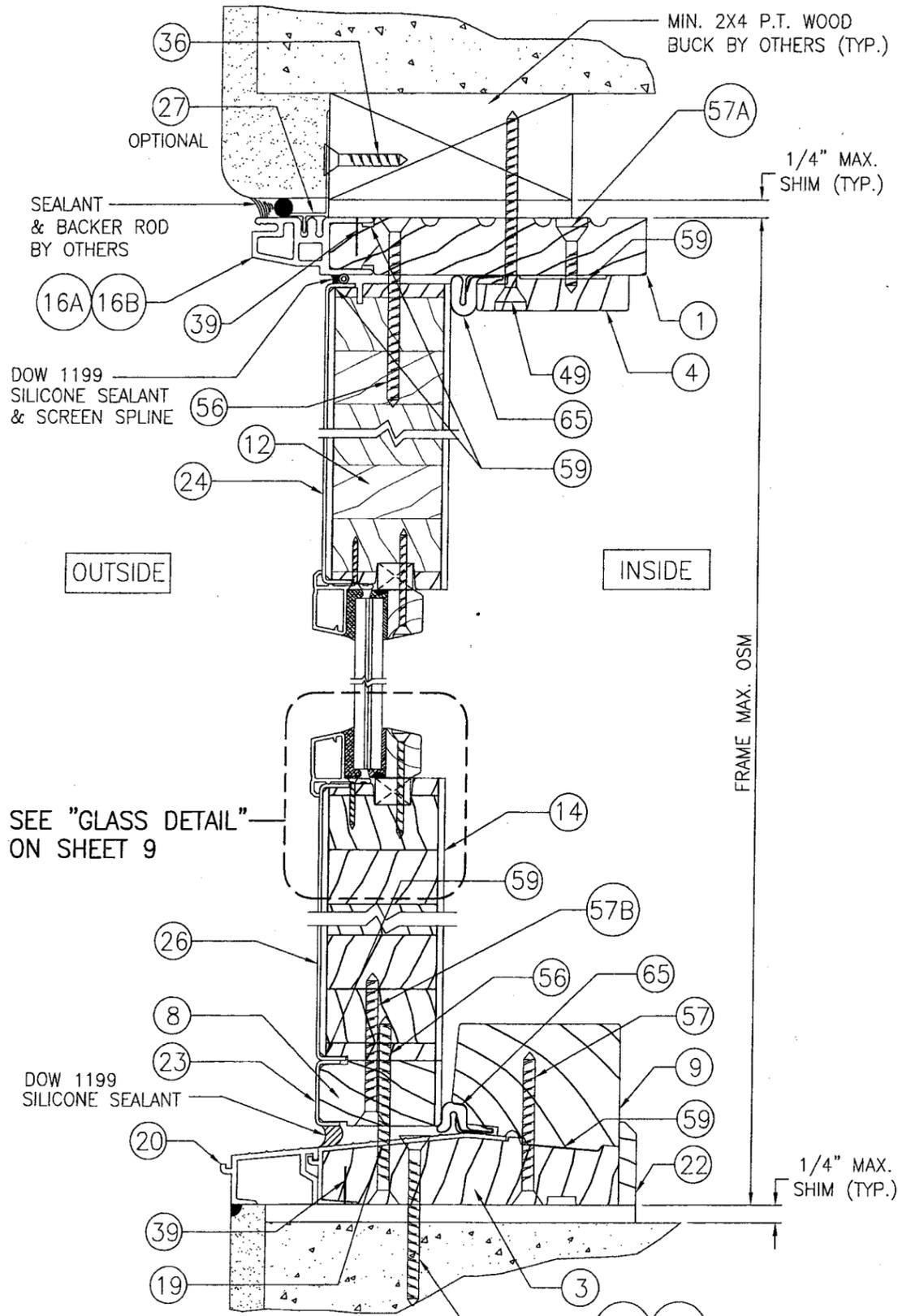
SCALE: HALF FULL SIZE

CLIP INSTALLATION

D2  
6

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No 09-0305-02  
Expiration Date APR 26, 2014  
*Isbas I. Lhand*  
Miami-Dade Product Control  
Division

DRAWN BY: K.P.S.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 05/13/03	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: ALUMINUM CLAD WOOD FRENCH IMPACT DOORS			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.		MANUFACTURER: KML WINDOWS, INC.	
8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903		23 BUCHANAN COURT LONDON, ONTARIO, CANADA N5Z4P9 (519) 681-7012	
CERTIFICATION	FEB 25 2009	WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO.	1228A	REV.	A
SHEET NO.	6 OF 12		



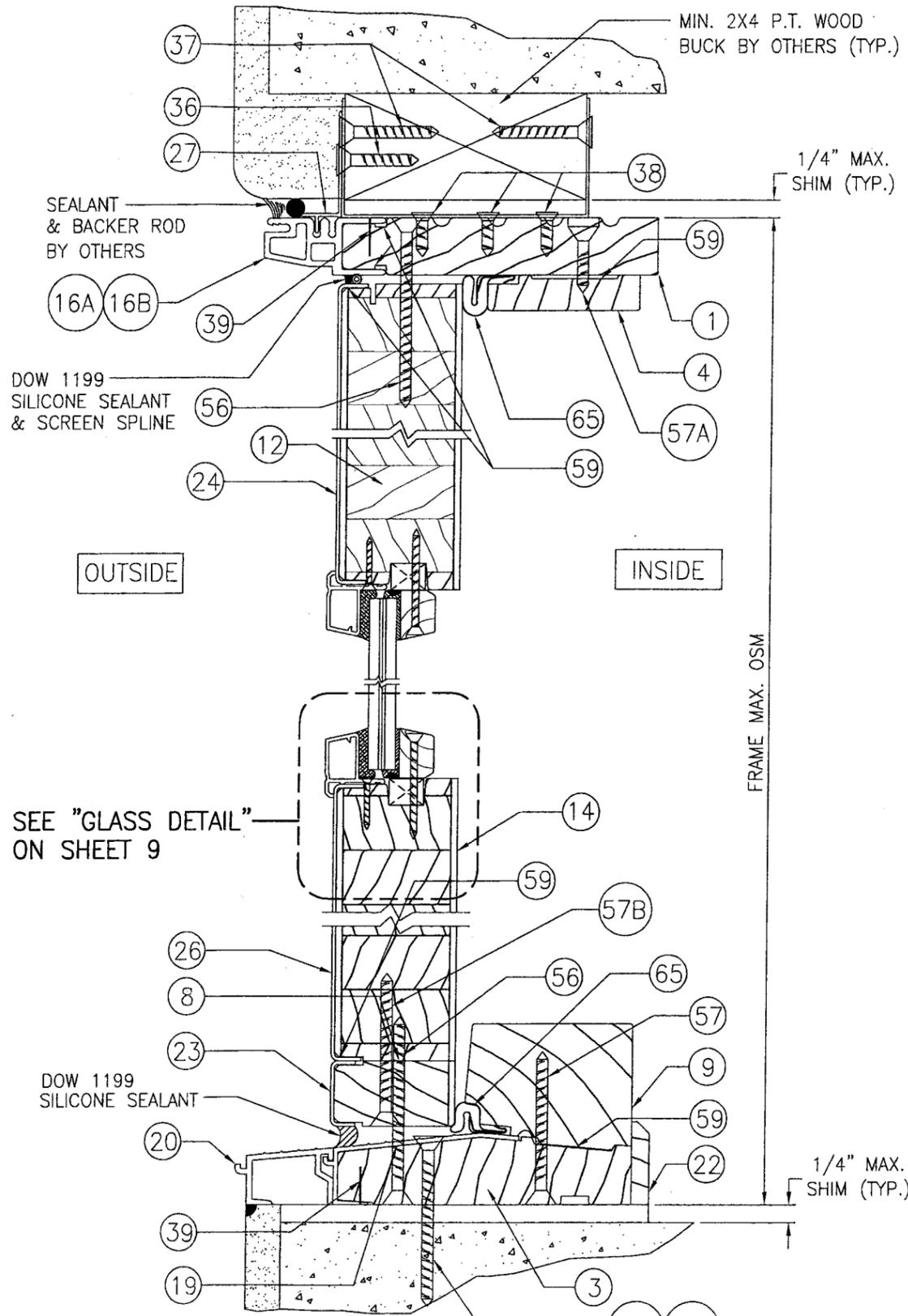
SECTION

SCALE: HALF FULL SIZE

SHEAR SCREW INSTALLATION

F1  
7

SEE "OPTIONAL JAMB DETAIL" ON SHEET 9 FOR DIRECT MOUNT TO BLOCK OR CONCRETE.



SECTION

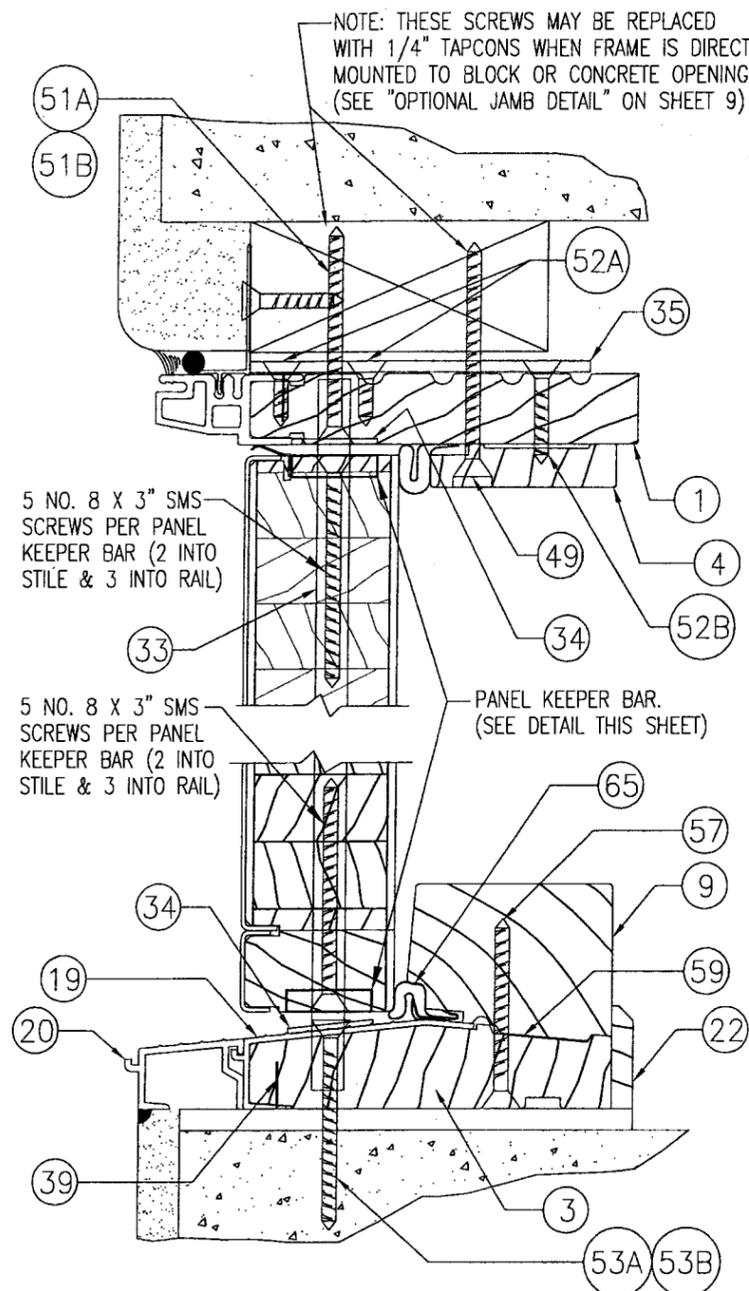
SCALE: HALF FULL SIZE

SHEAR SCREW INSTALLATION

F2  
7

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 09-0305-02  
Expiration Date APR 24, 2014  
By Chang I. Chang  
Miami-Dade Product Control  
Division

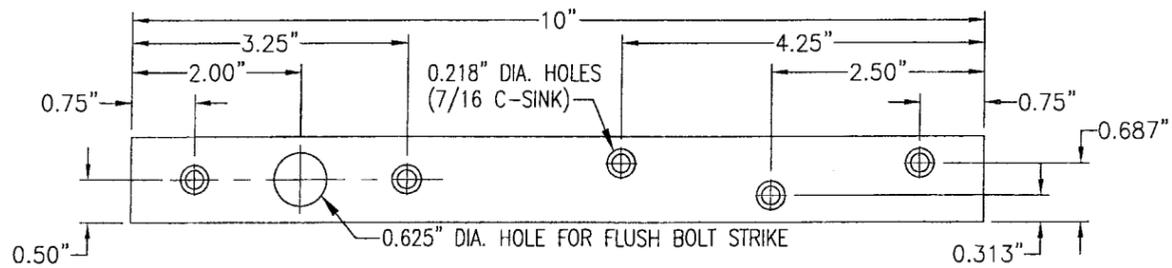
DRAWN BY: K.P.S.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 05/13/03	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE ALUMINUM CLAD WOOD FRENCH IMPACT DOORS			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903			
MANUFACTURER KML WINDOWS, INC. 23 BUCHANAN COURT LONDON, ONTARIO, CANADA N5Z4P9 (519) 681-7012			
CERTIFICATION	FEB 25 2009		
WARREN W. SCHAEFER, P.E.	P.E. NO. 44135		
DRAWING NO.	1228A	REV.	A
SHEET NO.	7 OF 12		



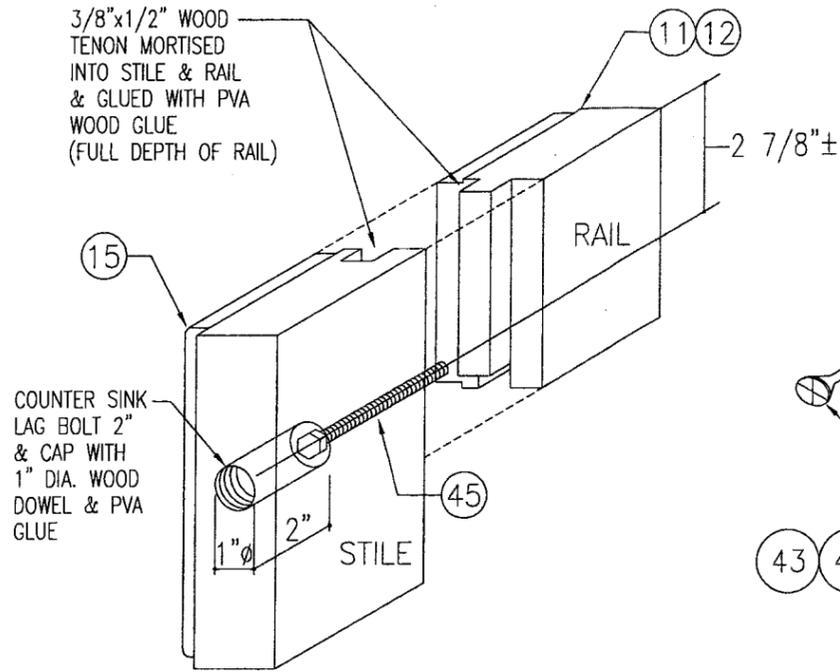
SECTION @ STRIKE PLATES

SCALE: HALF FULL SIZE

C  
8

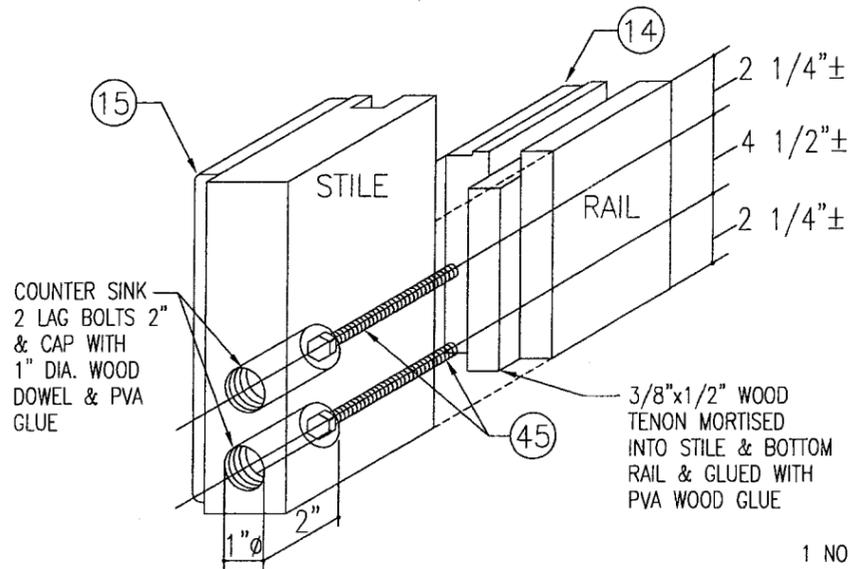


PANEL KEEPER BAR DETAIL  
1/4" X 1" A36 STEEL NICKEL PLATED OR PAINTED BAR  
SCALE: HALF FULL SIZE



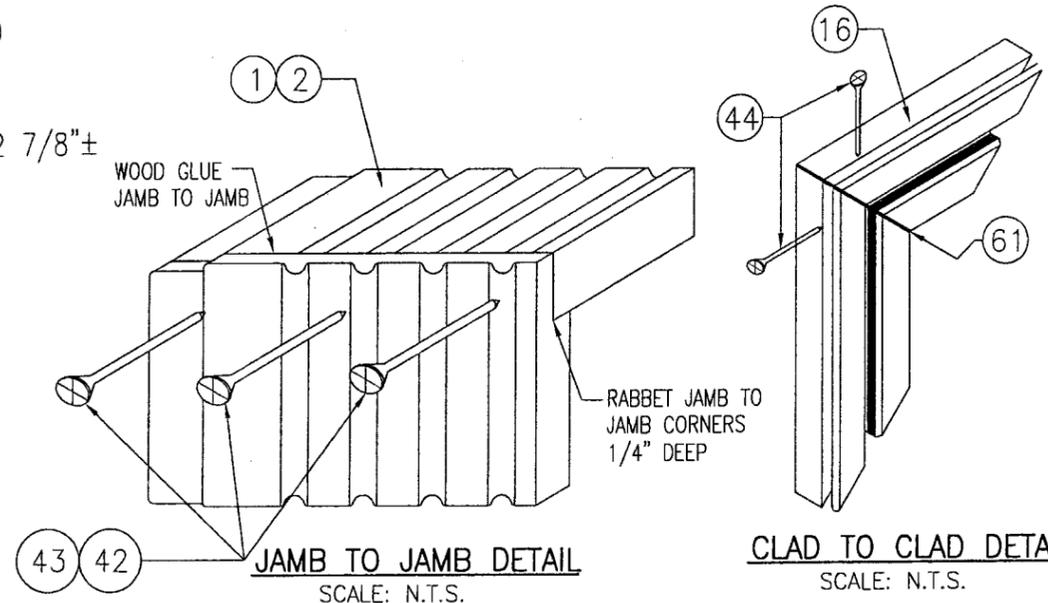
STILE TO TOP RAIL CORNER DETAIL

SCALE: N.T.S.



SASH STILE TO RAIL CORNER DETAIL

SCALE: N.T.S.



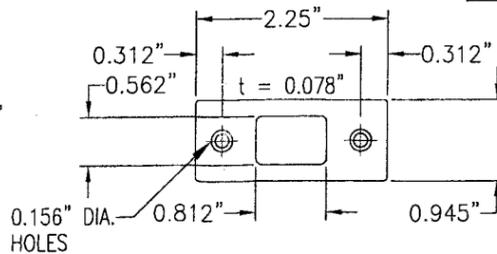
JAMB CORNER DETAILS

SCALE: N.T.S.

SCALE: N.T.S.



THRESHOLD TO JAMB CORNER DETAIL



STRIKE PLATE DETAIL  
NICKEL PLATED STEEL  
SCALE: HALF FULL SIZE

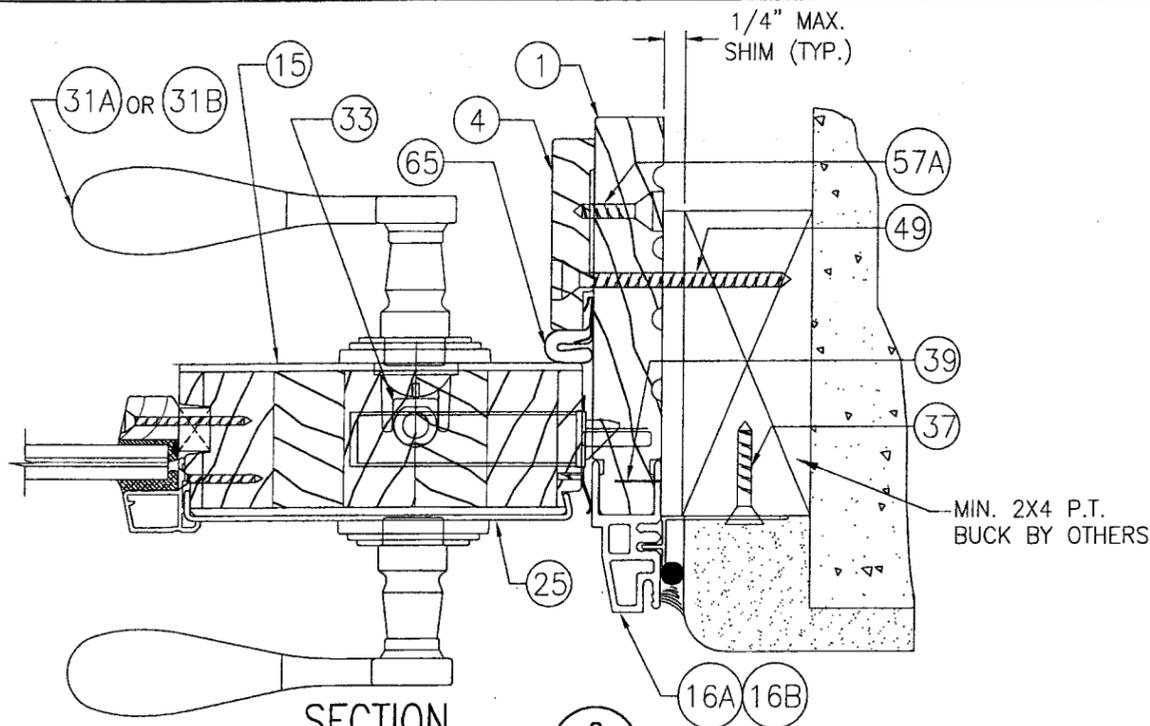
PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 09-0305-02  
Expiration Date APR 25, 2014

By *Iskender Khan*  
Miami Dade Product Control  
Division

DRAWN BY:	K.P.S.	CHECKED BY:	W.W.S.
PLOT:	1=2	DATE:	05/13/03
NO.		REVISION DESCRIPTION	
BY		DATE	

DRAWING TITLE	ALUMINUM CLAD WOOD FRENCH IMPACT 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	KML WINDOWS, INC. 23 BUCHANAN COURT LONDON, ONTARIO, CANADA N5Z4P9 (519) 681-7012

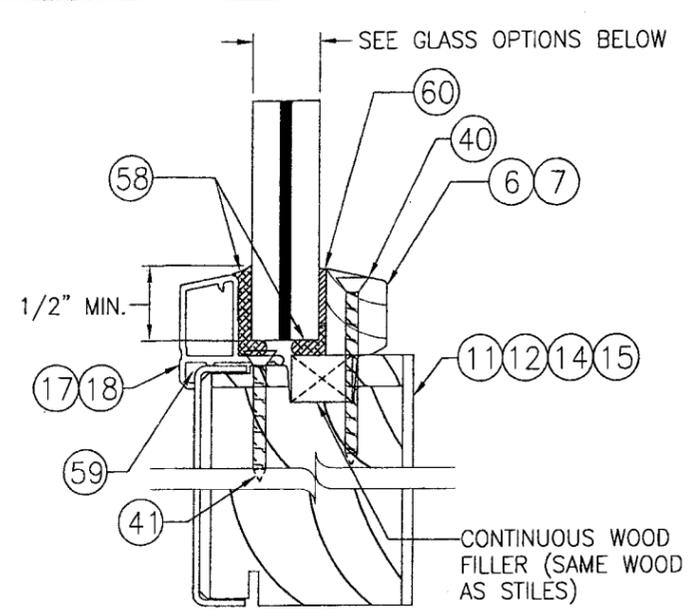
CERTIFICATION	FEB 25 2009
DRAWING NO.	1228A
REV.	A
SHEET NO.	8 OF 12



**SECTION**

SCALE: HALF FULL SIZE  
SIMILAR FOR CLIP MOUNT

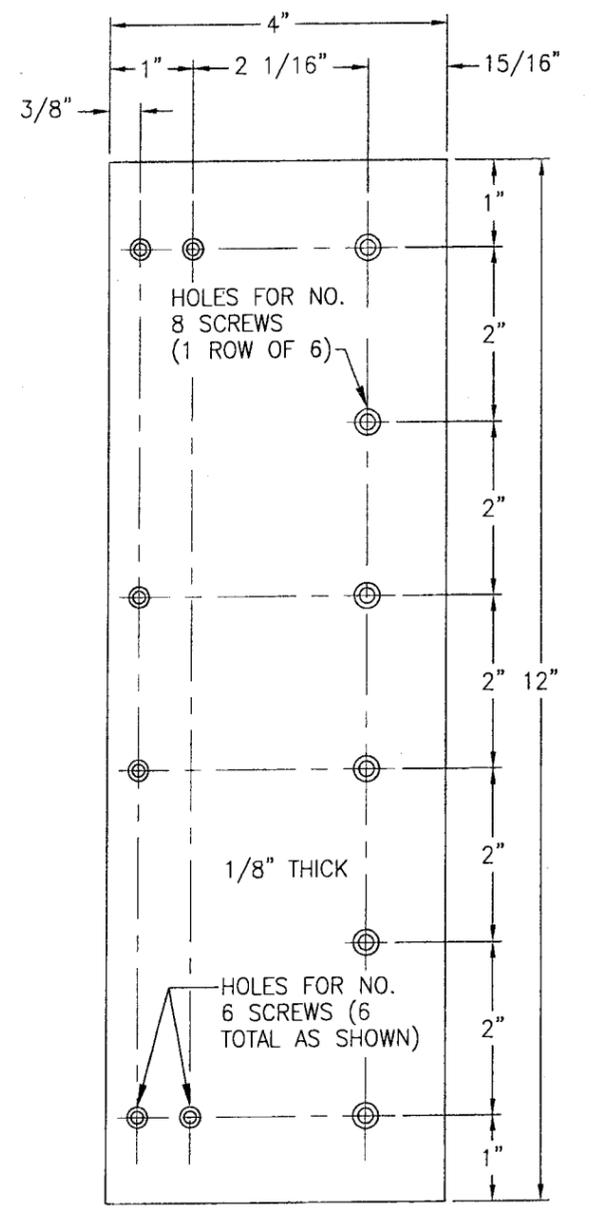
G  
9



**TYPICAL GLASS & GLAZING DETAIL**

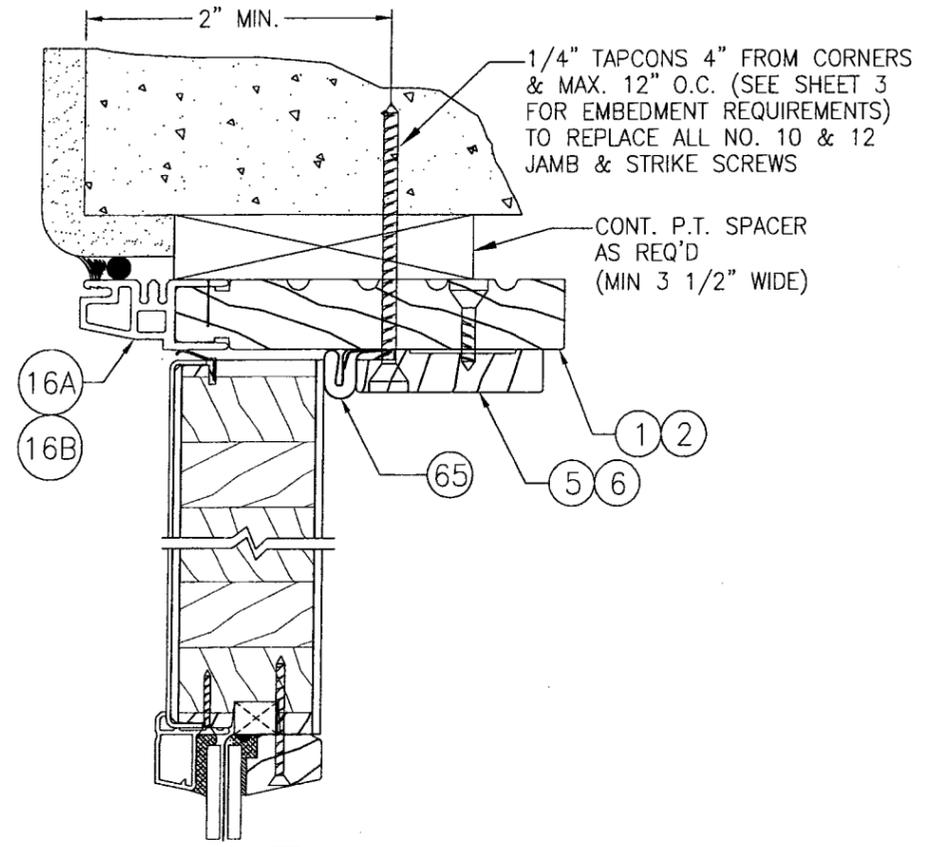
SCALE: 3/4 FULL SIZE

- GLASS OPTION 1: 9/16" THICK LAMINATED GLASS WITH SAFLEX III G PVB (1/4" AN/0.09" PVB/1/4" AN)
- GLASS OPTION 2: 3/8" THICK LAMINATED GLASS WITH SAFLEX III G PVB (5/32" AN/0.09" PVB/5/32" AN)



**35 STRIKE PLATE DETAIL**

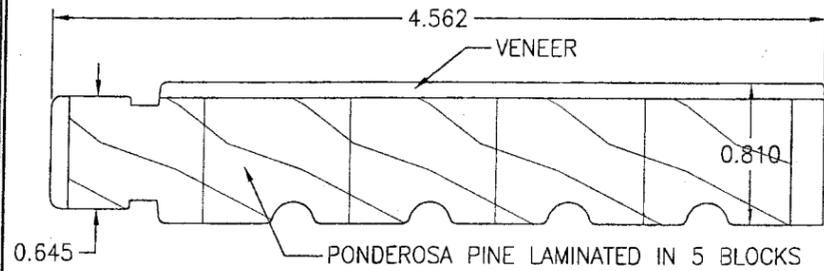
NICKEL PLATED OR PAINTED A446 GRADE A STEEL  
SCALE: HALF FULL SIZE



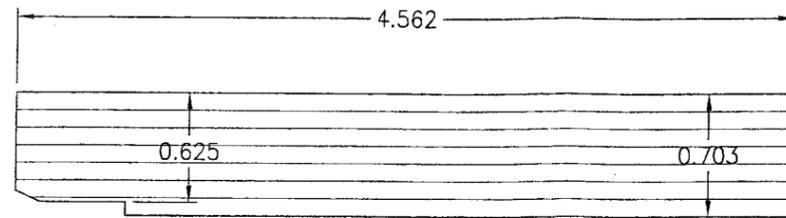
**OPTIONAL JAMB DETAIL FOR DIRECT MOUNT TO CONCRETE OR BLOCK**

(TYP. ALL UNITS)  
SCALE: 1/2 FULL SIZE

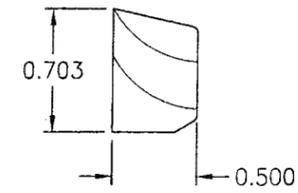
DRAWN BY: K.P.S.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 05/13/03	
NO.	REVISION	DESCRIPTION	DATE
DRAWING TITLE: ALUMINUM CLAD WOOD FRENCH IMPACT DOORS MANUFACTURER: KML WINDOWS, INC. CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903			
ADDRESS: 23 BUCHANAN COURT LONDON, ONTARIO, CANADA N5Z4P9 (519) 681-7012			
CERTIFICATION <b>FEB 25 2009</b> By <i>Warren M. Schaefer</i> P.E. NO. 44135		PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. <i>09-0305-02</i> Expiration Date: <i>APR 26, 2014</i> Miami Dade Product Control Division	
DRAWING NO.	REV.	SHEET NO.	
1228A	A	9 OF 12	



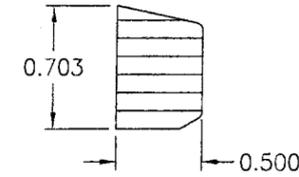
① **LINEAL WOOD FRAME JAMB**  
(PONDEROSA PINE)



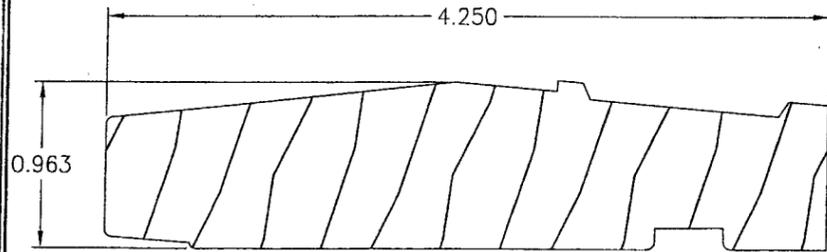
② **RADIAL WOOD FRAME JAMB**  
(LAMINATED VENEER)



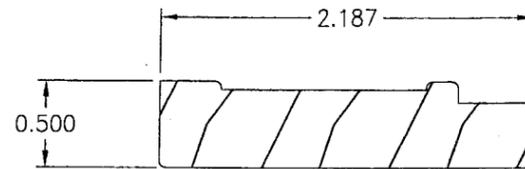
⑥ **LINEAL WOOD GLAZING STOP**  
(PONDEROSA PINE)



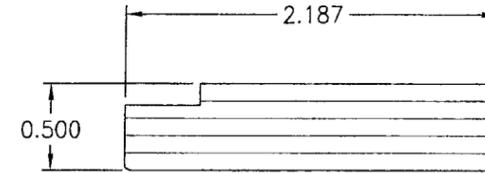
⑦ **RADIAL WOOD GLAZING STOP**  
(LAMINATED VENEER)



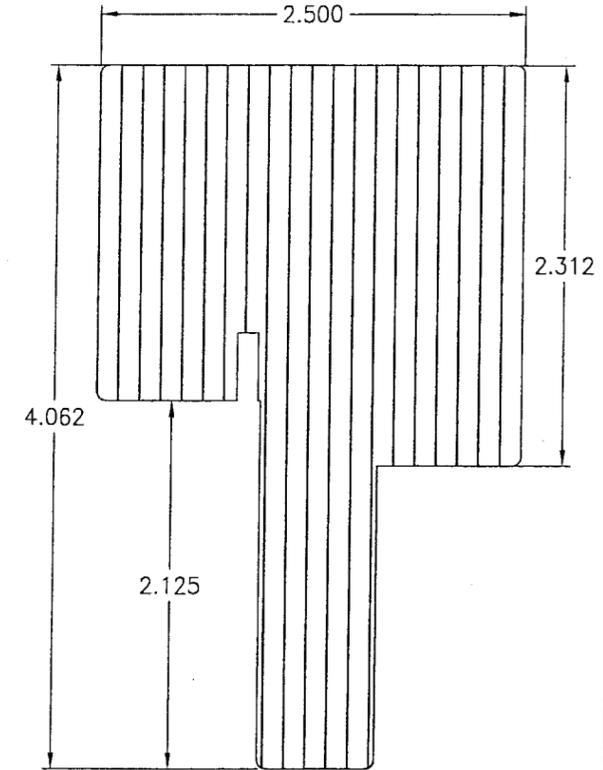
③ **WOOD SUBSILL**  
(PONDEROSA PINE)



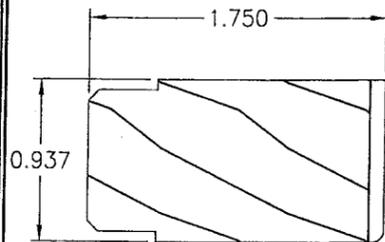
④ **LINEAL DOOR STOP**  
(PONDEROSA PINE)



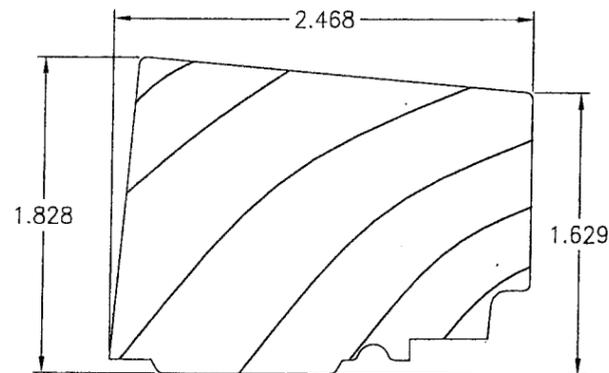
⑤ **RADIAL DOOR STOP**  
(LAMINATED VENEER)



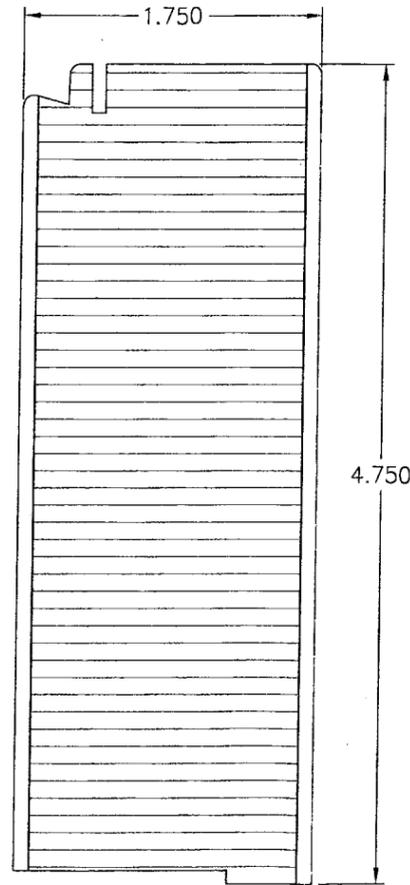
⑬ **ASTRAGAL**  
(LAMINATED VENEER)



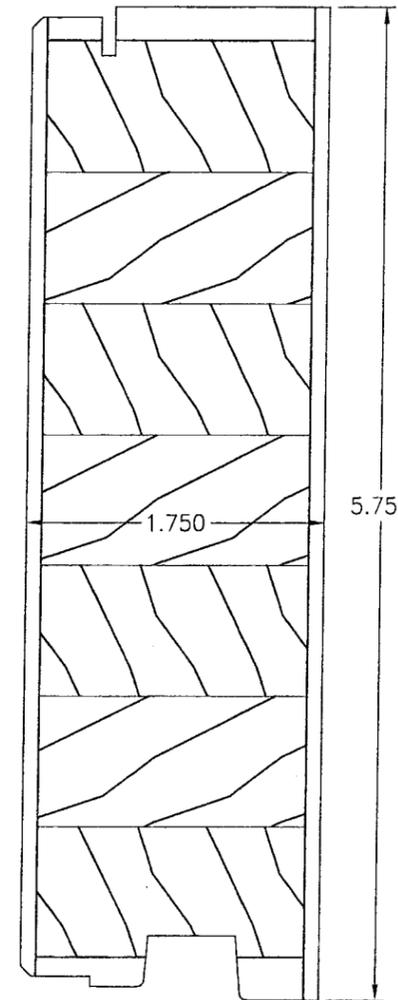
⑧ **WOOD DOOR EXTENDER**  
(PONDEROSA PINE)



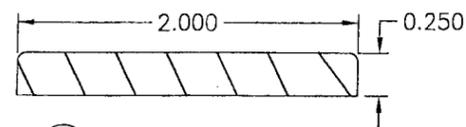
⑨ **DOOR THRESHOLD CAP BUMPER**  
(PONDEROSA PINE)



⑪ **RADIAL DOOR RAIL**  
(LAMINATED VENEER)



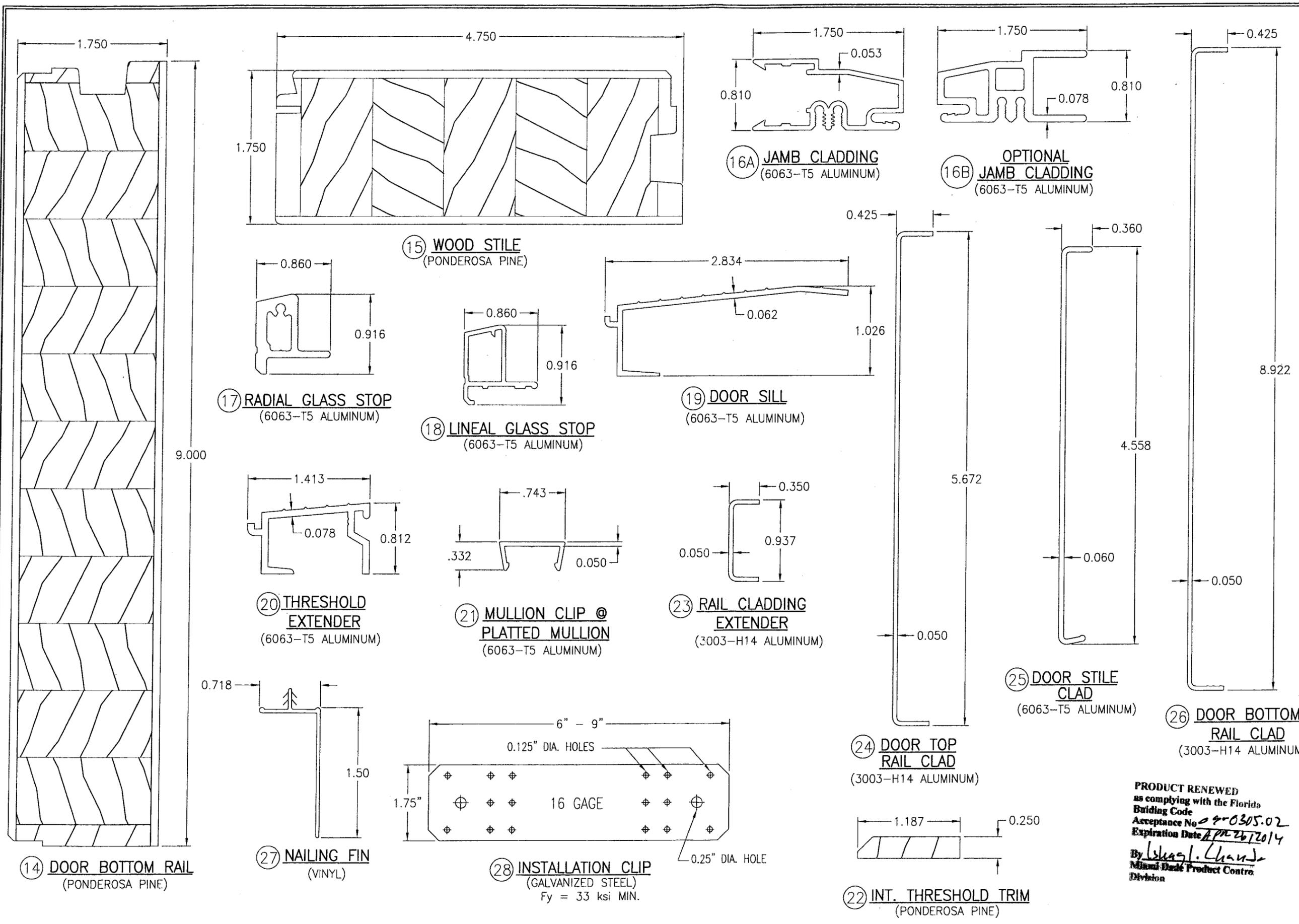
⑫ **LINEAL TOP DOOR RAIL**  
(PONDEROSA PINE)



⑩ **ASTRAGAL CAP**  
(PONDEROSA PINE)

**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
Acceptance No. 02-0305.02  
Expiration Date APR 26, 2014  
By *Warren W. Schaefer*  
Miami Dade Product Control  
Division

DRAWN BY: K.P.S.		CHECKED BY: W.W.S.	
PLOT: 1=1		DATE: 05/13/03	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE <b>ALUMINUM CLAD WOOD FRENCH IMPACT DOORS</b>			
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b>		MANUFACTURER <b>KML WINDOWS, INC.</b>	
8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903		23 BUCHANAN COURT LONDON, ONTARIO, CANADA N5Z4P9 (519) 681-7012	
CERTIFICATION <b>FEB 25 2008</b>			
WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. <b>1228A</b>		REV. <b>A</b>	
SHEET NO. <b>10 OF 12</b>			



DRAWN BY: K.P.S.		CHECKED BY: W.W.S.	
PLOT: 1=1		DATE: 05/13/03	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE <b>ALUMINUM CLAD WOOD FRENCH IMPACT DOORS</b>			
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b>		MANUFACTURER <b>KML WINDOWS, INC.</b>	
8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903		23 BUCHANAN COURT LONDON, ONTARIO, CANADA N5Z4P9 (519) 681-7012	
CERTIFICATION <b>FEB 25 2009</b>			
PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. <b>04-0305.02</b> Expiration Date <b>APR 26 2014</b> By <b>Shaghi Chandra</b> Miami-Trade Product Control Division			
DRAWING NO. <b>1228A</b>		REV. <b>A</b>	
SHEET NO. <b>11 OF 12</b>			

