



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)

C.P. Loewen Enterprises
77 PTH 52 West Box 2260
Manitoba, Canada R5G 1B2

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 Wood Outswing French Door

APPROVAL DOCUMENT: Drawing No. 1102, titled "Aluminum Clad Wood Impact Outswing French Door", sheets 1 through 8 of 8, prepared by the W.W. Schaefer Engineering & Consulting P.A., dated 07/31/02 with revision "3" on 06/30/04, signed and sealed by Warren W. Schaefer, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

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

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

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

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

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

This NOA revises NOA # 02-0821.05 and, consists of this page 1 and evidence pages E-1and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Herminio F. Gonzalez, P.E., Director, BCCO**



NOA No 05-0118.01
Expiration Date: October 31, 2007
Approval Date: May 05, 2005
Page 1

C.P. Loewen Enterprises

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

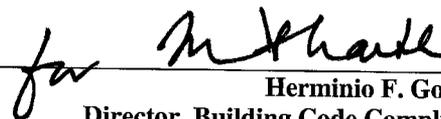
1. Manufacturer's die drawings and sections.
2. Drawing No. **1102**, titled "Aluminum Clad Wood Impact Outswing French Door", sheets 1 through 6 of 6, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 7/31/01 with revision "3" on 06/30/04, signed and sealed by Warren Schaefer, P.E.

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 202-94along with marked-up drawings and installation diagram of a outswing casement window, prepared by Hurricane Test Laboratory, Inc. Test Report No. HTL 0286-0512.02, dated 3/15/01, signed and sealed by Vinu J. Abraham, P.E.
"Submitted under NOA# 02-0821.05"
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 (b) and TAS 202-94along with marked-up drawings and installation diagram of a outswing casement window, prepared by Hurricane Test Laboratory, Inc. Test Report No. HTL 0286-0713-02, dated 7/17/02, signed and sealed by Vinu J. Abraham, P.E.
"Submitted under NOA# 02-0821.05"
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 (b) and TAS 202-94along with marked-up drawings and installation diagram of a outswing casement window, prepared by ETC Laboratories, Test Report No. ETC-04-959-15382.0, dated 07/12-14/04, signed and sealed by Wendell W. Haney, P.E.

C. CALCULATIONS

1. Anchor Calculations and structural analysis, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 5/9/02, signed and sealed by Warren Schaefer, P.E.
"Submitted under NOA# 02-0821.05"



Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office

NOA No 05-0118.01

Expiration Date: October 31, 2007

Approval Date: May 05, 2005

C.P. Loewen Enterprises

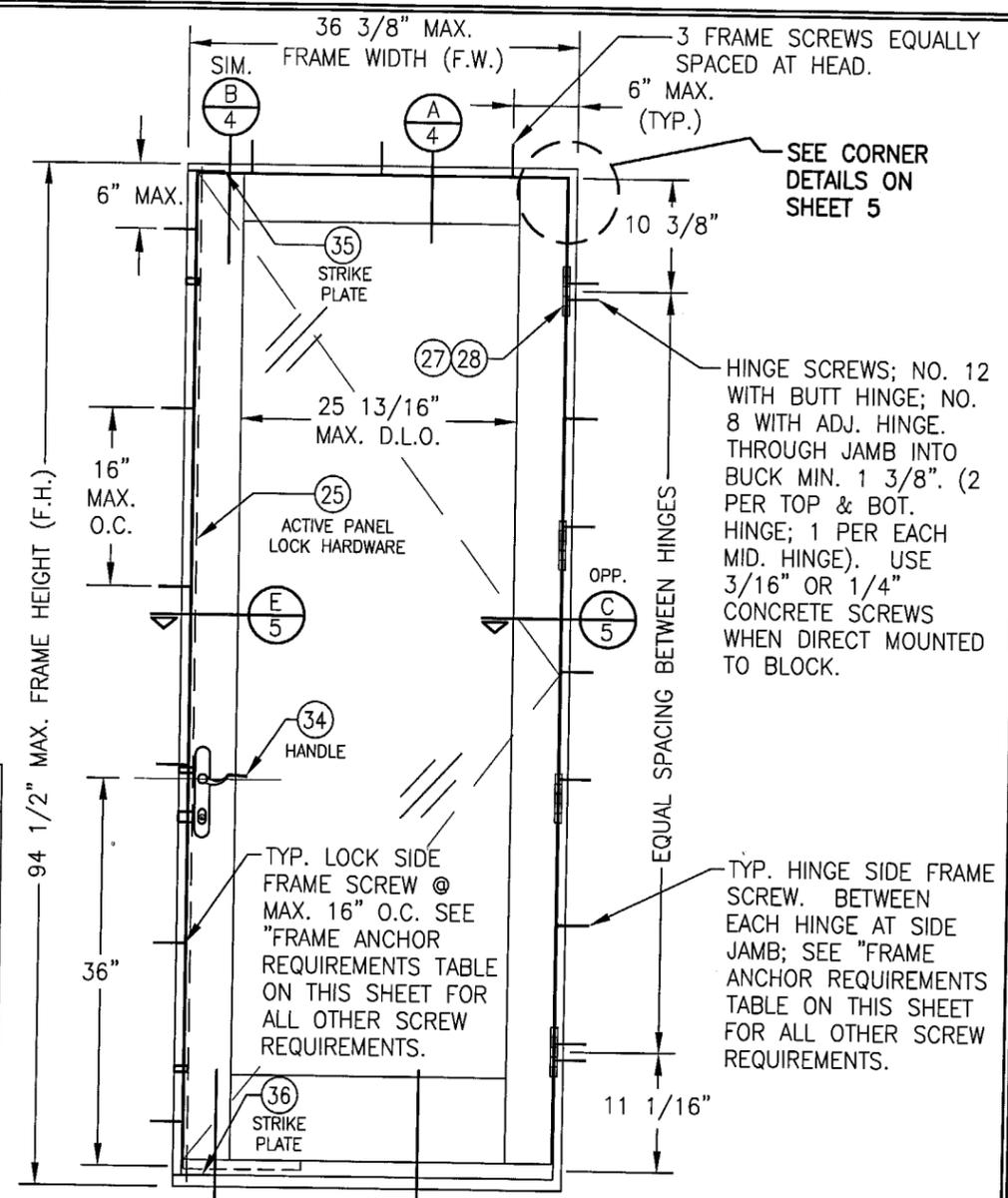
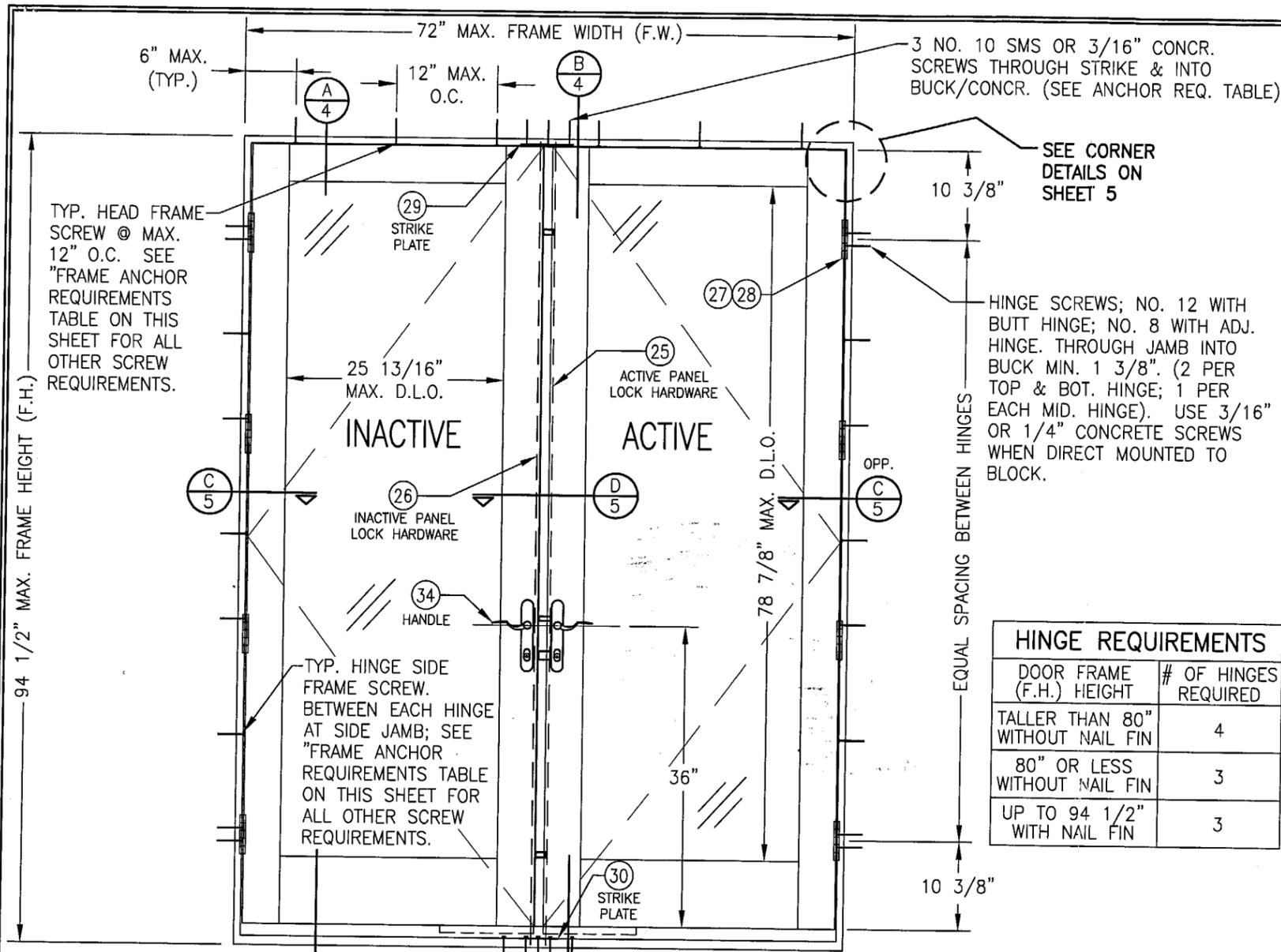
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Anchor Calculations and structural analysis, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 01/11/05, signed and sealed by Warren Schaefer, P.E.
- D. QUALITY ASSURANCE**
1. Miami Dade /Building Code Compliance Office (BCCO).
- E. MATERIAL CERTIFICATIONS**
1. Notice of Acceptance No. **03-0417.01** issued to Cardinal LG. for "Laminated Glass Cardinal Sea-Storm Type B" dated 05/15/03, expiring on 12/30/07.
- F. STATEMENTS**
1. Statement letter of conformance, dated 8/12/02, signed and sealed by Warren Schaefer, P.E.
"Submitted under NOA# 02-0821.05"
 2. Statement letter of no financial interest, dated 8/12/02, signed and sealed by Warren Schaefer, P.E.
"Submitted under NOA# 02-0821.05"
 3. Laboratory compliance letter for Test Report no. 0286-0512.02 and 0286-0713-02, issued by Hurricane Test Laboratory, Inc., dated 8/12/02, signed and sealed by Vinu J. Abraham, P.E.
"Submitted under NOA# 02-0821.05"
- G. OTHER**
1. Letter from consultant stating that the product is in compliance with the Florida Building Code (FBC).
 2. Notice of Acceptance No. **02-0821.05**, issued to C.P. Loewen Enterprises, Aluminum Clad Wood Impact Outswing French Door, approved on 10/31/02 and expiring on 10/31/07.



Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office
NOA No 05-0118.01

Expiration Date: October 31, 2007
Approval Date: May 05, 2005



HINGE REQUIREMENTS	
DOOR FRAME (F.H.) HEIGHT	# OF HINGES REQUIRED
TALLER THAN 80" WITHOUT NAIL FIN	4
80" OR LESS WITHOUT NAIL FIN	3
UP TO 94 1/2" WITH NAIL FIN	3

**EXTERIOR ELEVATION
DOUBLE OUTSWING DOOR**
SCALE: 3/4"=1'-0"
(SHEAR SCREW MOUNT)

**EXTERIOR ELEVATION
SINGLE OUTSWING DOOR**
SCALE: 3/4"=1'-0"
(SHEAR SCREW MOUNT)

FRAME ANCHOR REQUIREMENTS TABLE			
FIN SCREWS			
OPENING TYPE (SUBSTRATE)	JAMB TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
2X_ WOOD FRAME OR BUCK	NO. 8 SMS SCREW	1 3/8"	3/4"
SHEAR SCREWS			
2X_ WOOD FRAME OR BUCK	NO. 10 SMS SCREW	1 3/8"	3/4"
CMU/CONCRETE	(1) 3/16" CONCRETE SCREW	1 1/4"	2"

ALLOWABLE DESIGN LOAD	
POSITIVE	NEGATIVE
70 PSF	70 PSF

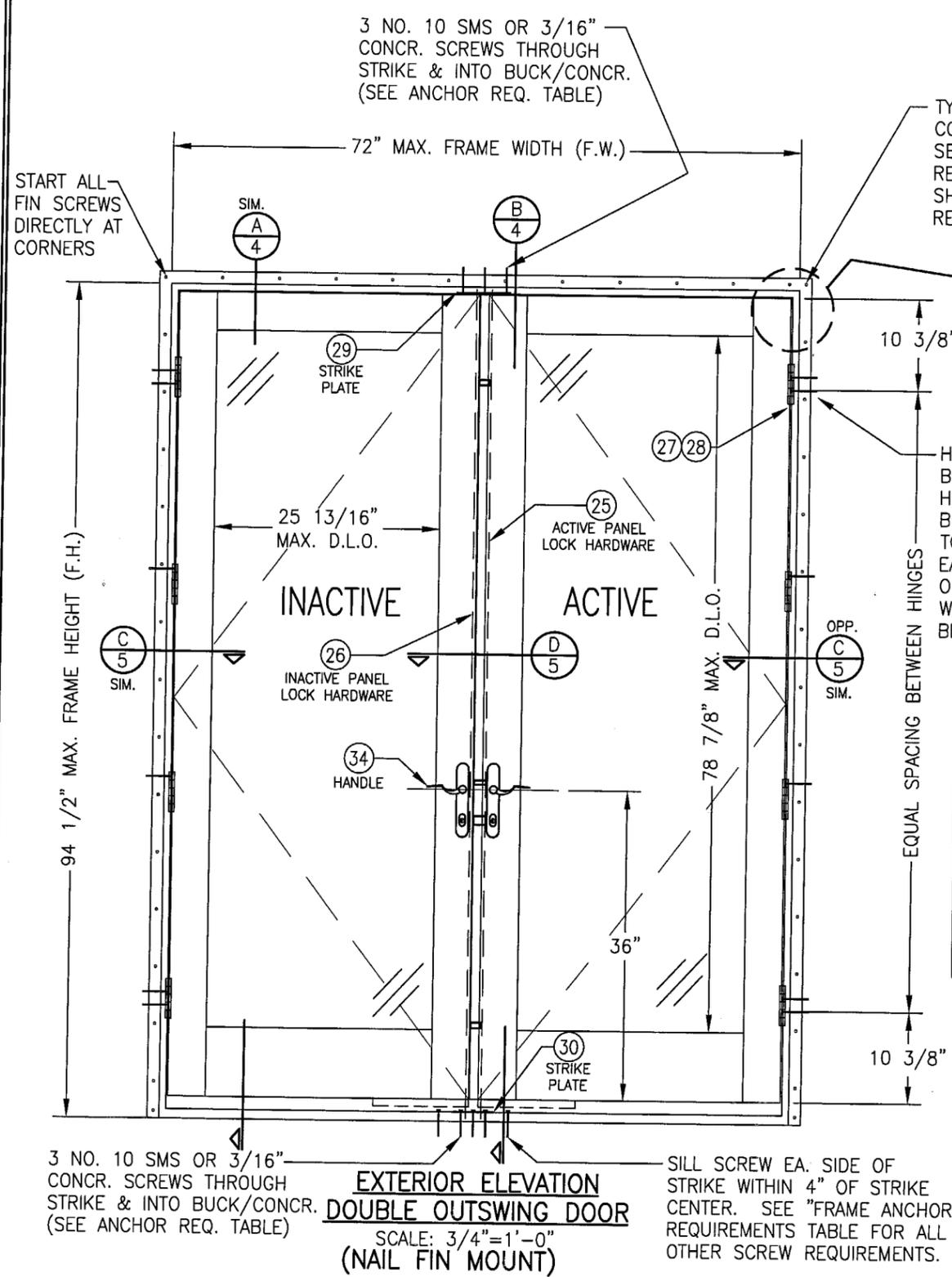
GENERAL NOTES

1. THESE DOOR SYSTEMS HAVE BEEN TESTED, ANALYZED AND APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN LOADS" TABLE(S).
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.) FOR HIGH VELOCITY HURRICANE ZONES (HVHZ).
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.

* 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 SHEAR SCREWS OR NO. 8 FIN 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).

DRAWN BY: J.C.F.		CHECKED BY: W.W.S.	
PLOT: 1=16		DATE: 07/31/02	
NO.	REVISION DESCRIPTION	BY	DATE
A1	REVISED NOTES 4 & 5	K.P.S.	06/30/04
A2	ADDED SHEETS 7 & 8	K.P.S.	06/30/04
A3	ADDED OXO & SIDELIGHT ELEVATIONS & SECTIONS	K.P.S.	06/30/04
ALUMINUM CLAD WOOD IMPACT OUTSWING FRENCH DOOR MANUFACTURER: C.P. LOEWEN ENTERPRISES 77 P.T.H 52 WEST, BOX 2260 STEINBACH, MB CANADA R5G 1B2 204-326-6446 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 PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 05-0118.01 Expiration Date 10/31/03 By: <i>M. Schaefer</i> National Institute of Product Control Division DRAWING NO. 1102 SHEET NO. 1 OF 8 REV. A			

NO.	REVISION DESCRIPTION	DATE	BY



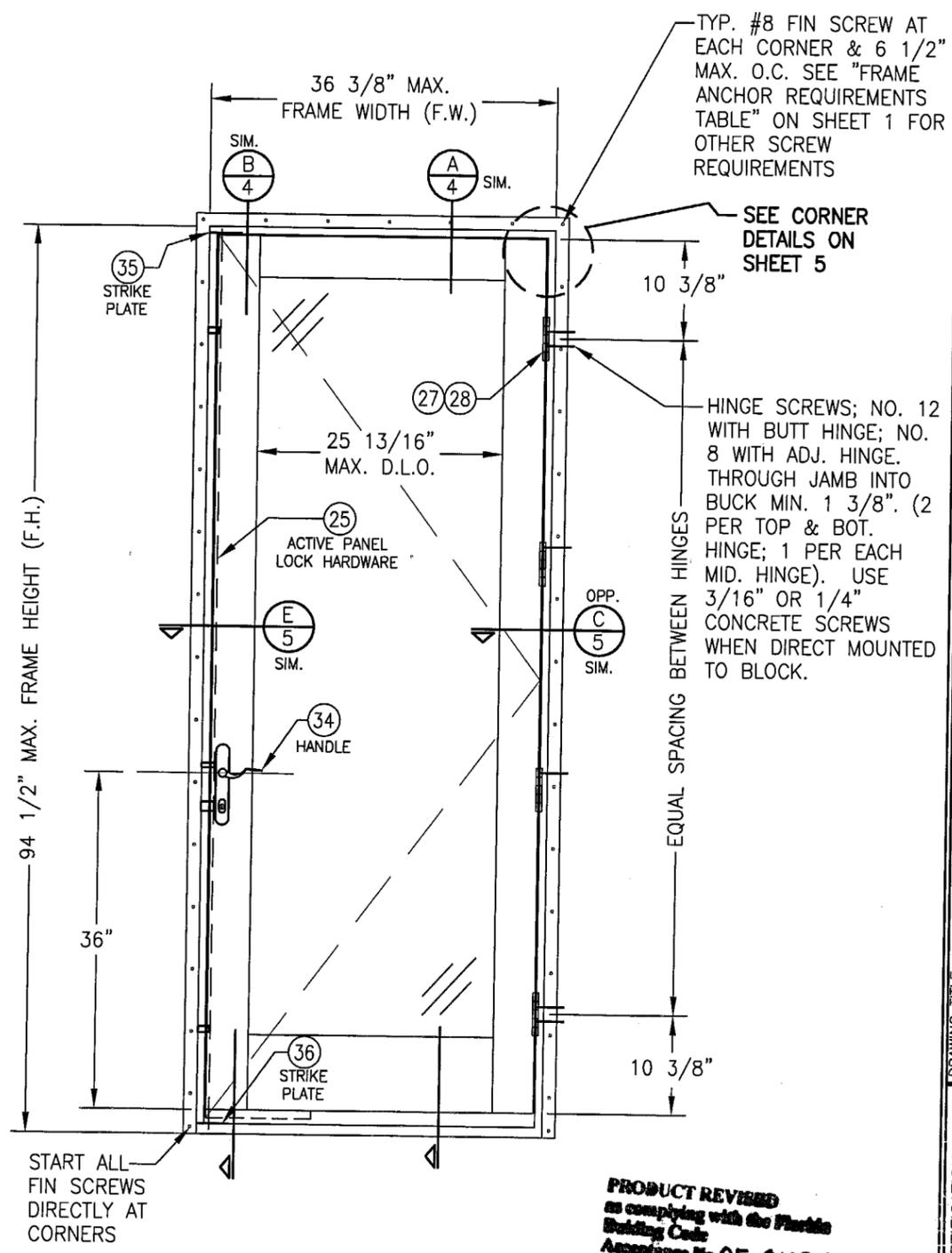
TYP. #8 FIN SCREW AT EACH CORNER & 6 1/2" MAX. O.C. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR OTHER SCREW REQUIREMENTS

SEE CORNER DETAILS ON SHEET 5

HINGE SCREWS; NO. 12 WITH BUTT HINGE; NO. 8 WITH ADJ. HINGE. THROUGH JAMB INTO BUCK MIN. 1 3/8". (2 PER TOP & BOT. HINGE; 1 PER EACH MID. HINGE). USE 3/16" OR 1/4" CONCRETE SCREWS WHEN DIRECT MOUNTED TO BLOCK.

HINGE REQUIREMENTS	
DOOR FRAME (F.H.) HEIGHT	# OF HINGES REQUIRED
TALLER THAN 80" WITHOUT NAIL FIN	4
80" OR LESS WITHOUT NAIL FIN	3
UP TO 94 1/2" WITH NAIL FIN	3

EQUAL SPACING BETWEEN HINGES



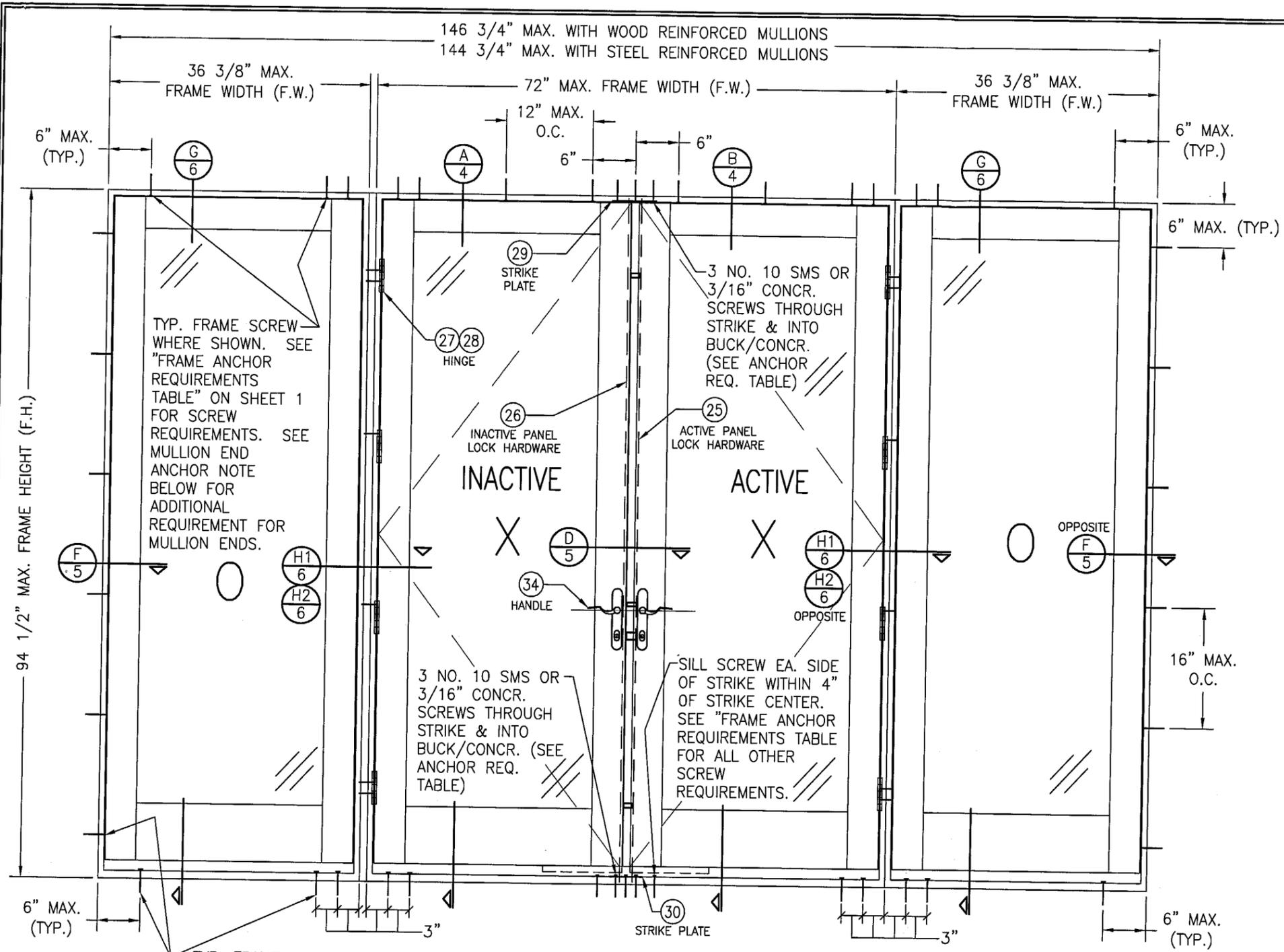
PRODUCT REVIEWED as complying with the Florida Building Code Acceptance No. 05-0118.01 Expiration Date 10/31/03 By [Signature] Miami Dade Product Control Division

DRAWING TITLE: ALUMINUM CLAD WOOD IMPACT OUTSWING FRENCH DOOR

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: C.P. LOEWEN ENTERPRISES
 77 P.T.H 52 WEST, BOX 2260
 STEINBACH, MB CANADA R5G 1B2
 204-326-6446

CERTIFICATION	JAN 11 2005	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO.	REV.	
1102	A	
SHEET NO.		
2	OF	8



**EXTERIOR ELEVATION
MULTIPLE OPERABLE/FIXABLE UNIT**

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

(FOR DETAIL NOT SHOWN, SEE OTHER ELEVATIONS)

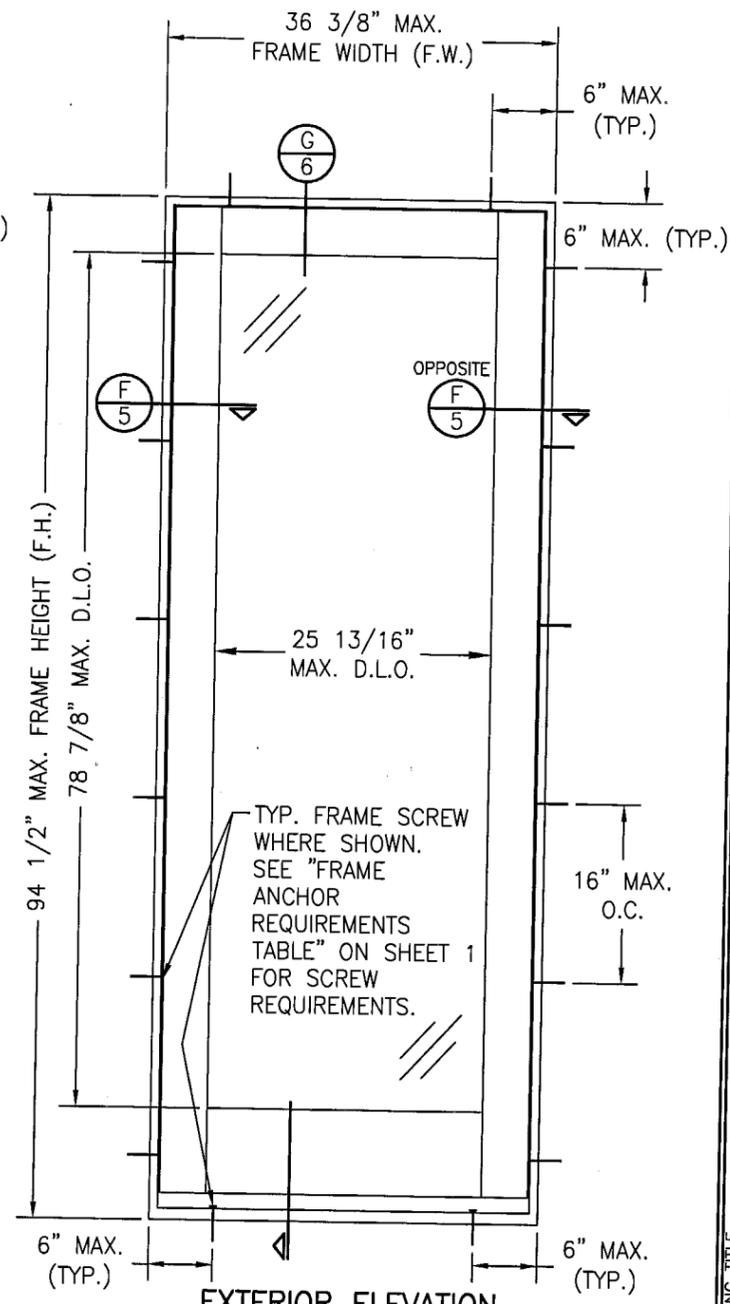
NOTE: OXOXO DOOR SHOWN. ALL OTHER 4-PANEL CONFIGURATIONS OF SINGLE/DOUBLE DOORS & SIDELIGHTS ALSO APPLY.

SHEAR SCREW MOUNT CONDITION SHOWN. WHEN FIN MOUNTED, ANCHOR EACH UNIT AS SHOWN WITH FIN MOUNT ELEVATIONS. NOTE THAT WITH FIN MOUNTED UNIT, ALL STRIKE PLATE & MULLION END SHEAR SCREWS SHALL REMAIN (3 SCREWS PER STRIKE PLATE & 4 OR 6 CORNER SCREWS PER MULLION END).

MULLION END ANCHOR NOTE:
MULLION END CONDITION SHOWN SHOWS 4 SCREWS PER MULLION END. WHEN MOUNTING TO WOOD AND REQUIRED DESIGN PRESSURE IS OVER +/-57 PSF, ONE ADDITIONAL SCREW IS REQUIRED EACH SIDE OF THE MULLION 9" OFF FRAME CORNERS (NOT REQ'D WHEN MOUNTED TO CONCRETE).

TYP. FRAME SCREW WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR SCREW REQUIREMENTS. SEE MULLION END ANCHOR NOTE BELOW FOR ADDITIONAL REQUIREMENT FOR MULLION ENDS.

TYP. FRAME SCREW WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR SCREW REQUIREMENTS & MULLION END NOTE BELOW FOR ADDITIONAL MULLION END ANCHOR REQUIREMENT.



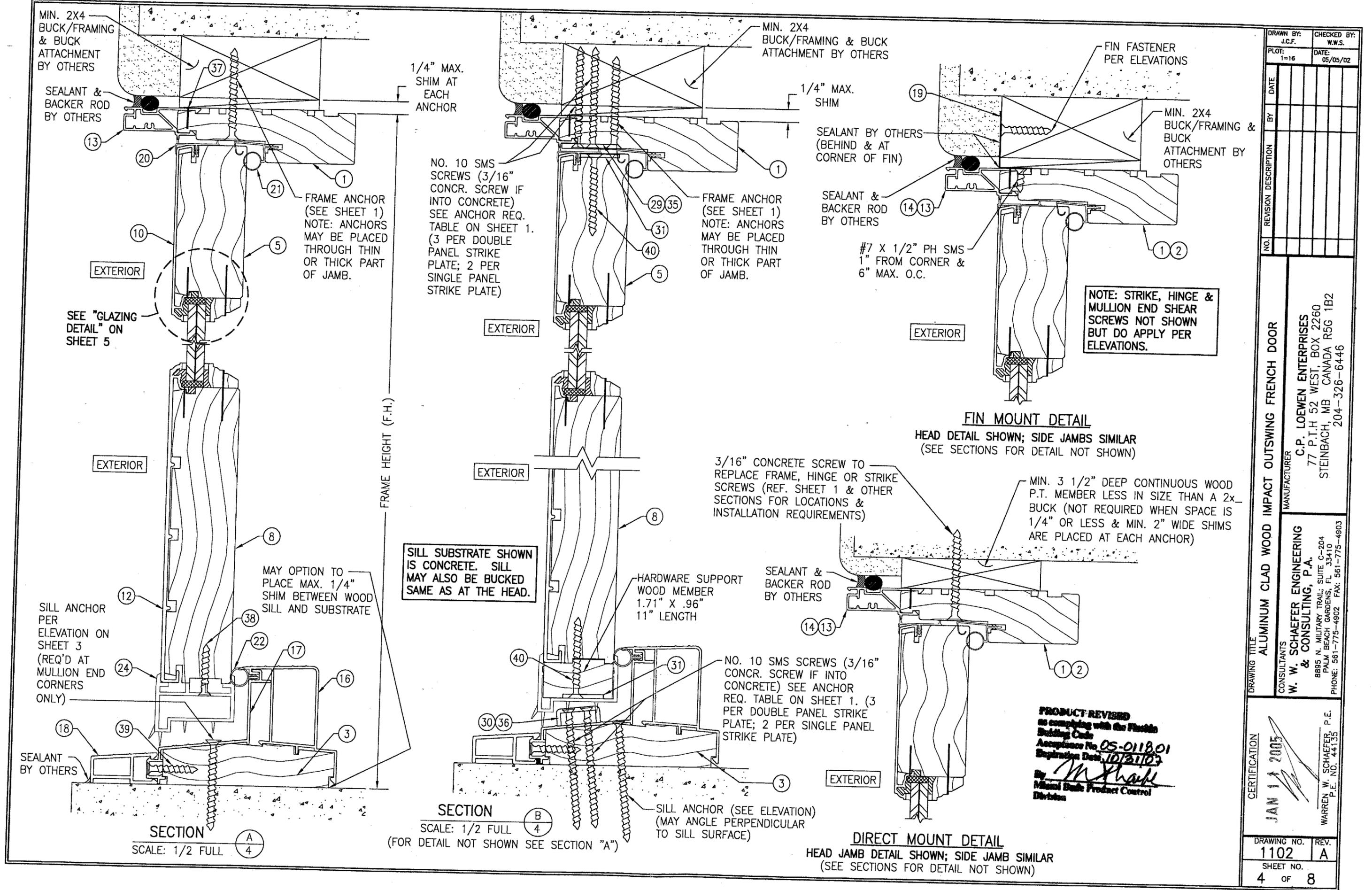
**EXTERIOR ELEVATION
SIDELIGHT**

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

SHEAR SCREW MOUNT CONDITION SHOWN. FOR FIN MOUNT DETAILS, SEE SINGLE DOOR ELEVATION ON SHEET 2

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 05-0118.01
Expiration Date: 10/31/07
By: *Warren W. Schaefer*
National Door Product Control Division

DRAWN BY: J.C.F.	CHECKED BY: W.W.S.
PLOT: 1=16	DATE: 05/05/02
DATE	BY
REVISION DESCRIPTION	NO.
<p align="center">ALUMINUM CLAD WOOD IMPACT OUTSWING FRENCH DOOR</p> <p align="center">MANUFACTURER C.P. LOEWEN ENTERPRISES 77 P.T.H 52 WEST, BOX 2260 STEINBACH, MB CANADA R5G 1B2 204-326-6446</p> <p align="center">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</p>	
<p align="center">DRAWING TITLE</p>	
<p align="center">CERTIFICATION</p> <p align="center">JAN 11 2005</p> <p align="center">WARREN W. SCHAEFER, P.E. P.E. NO. 44135</p>	
DRAWING NO. 1102	REV. A
SHEET NO. 3 OF 8	



DRAWN BY:	J.C.F.	CHECKED BY:	W.W.S.
PLAT:	1=16	DATE:	05/05/02
NO.		REVISION DESCRIPTION	
BY		DATE	

ALUMINUM CLAD WOOD IMPACT OUTSWING FRENCH DOOR

MANUFACTURER
C.P. LOEWEN ENTERPRISES
 77 P.T.H. 52 WEST, BOX 2260
 STEINBACH, MB CANADA R5G 1B2
 204-326-6446

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

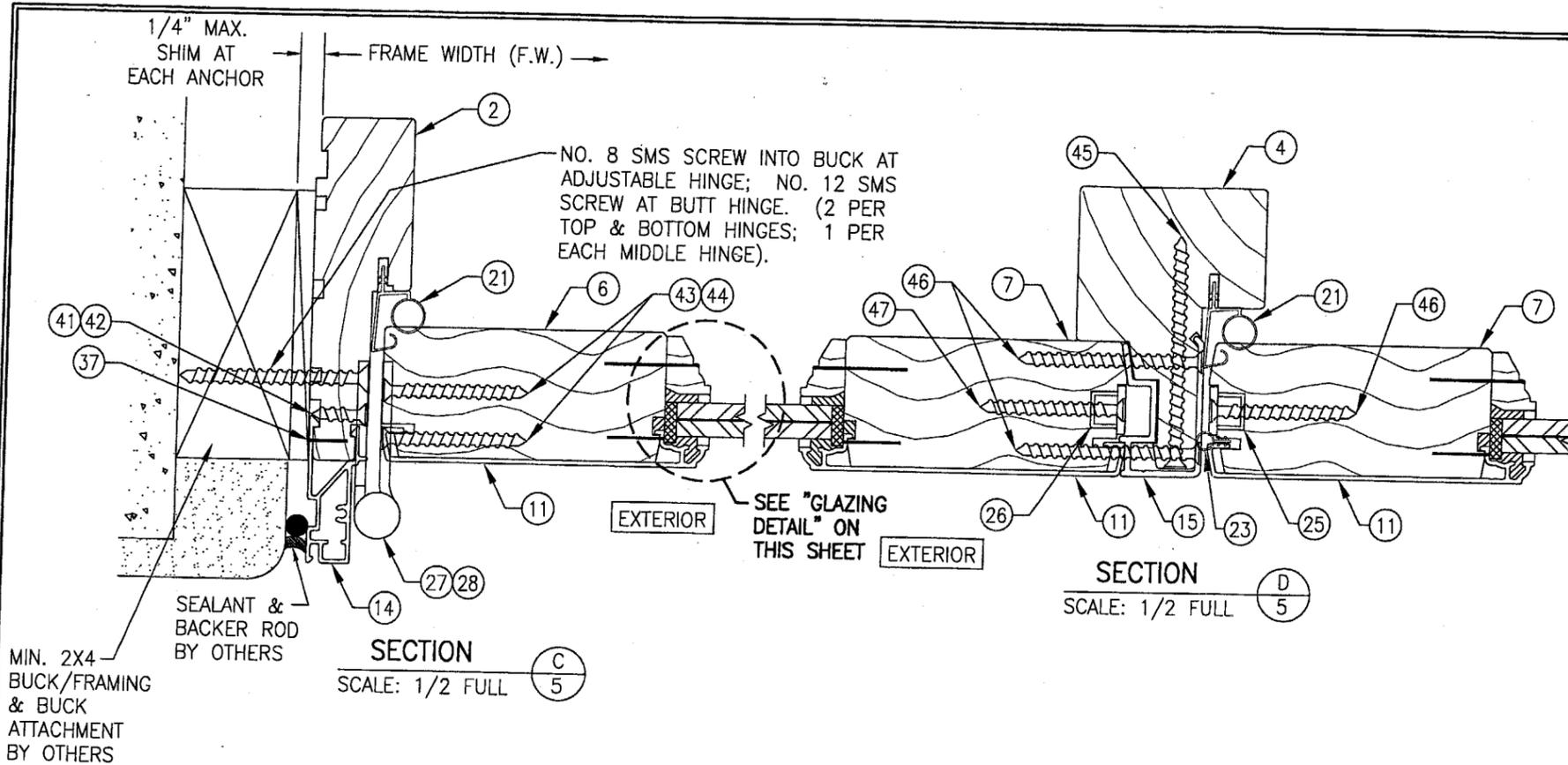
CERTIFICATION
JAN 11 2005
 WARREN W. SCHAEFER, P.E.
 P.E. NO. 44153

DRAWING NO. **1102** REV. **A**
 SHEET NO. **4** OF **8**

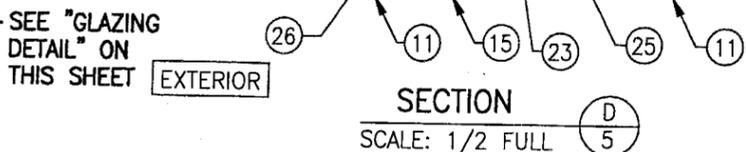
NOTE: STRIKE, HINGE & MULLION END SHEAR SCREWS NOT SHOWN BUT DO APPLY PER ELEVATIONS.

FIN MOUNT DETAIL
 HEAD DETAIL SHOWN; SIDE JAMBS SIMILAR
 (SEE SECTIONS FOR DETAIL NOT SHOWN)

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. **05-011801**
 Expiration Date: **10/31/03**
 By: *M. Schaefer*
 Miami Building Product Control
 Division

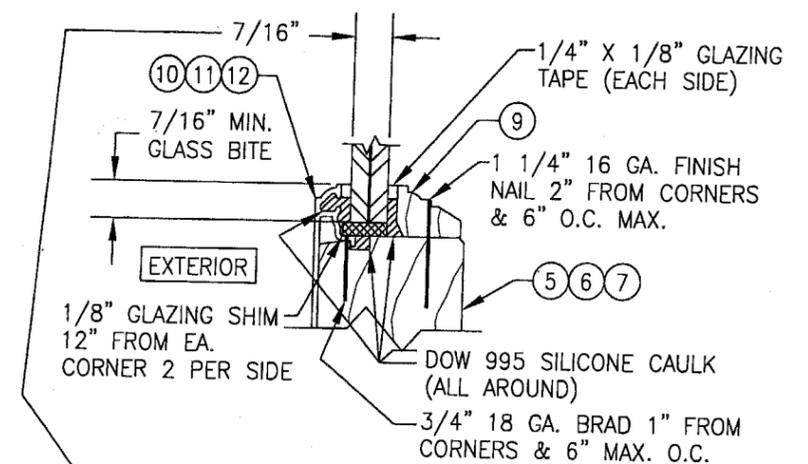


SECTION C
SCALE: 1/2 FULL 5



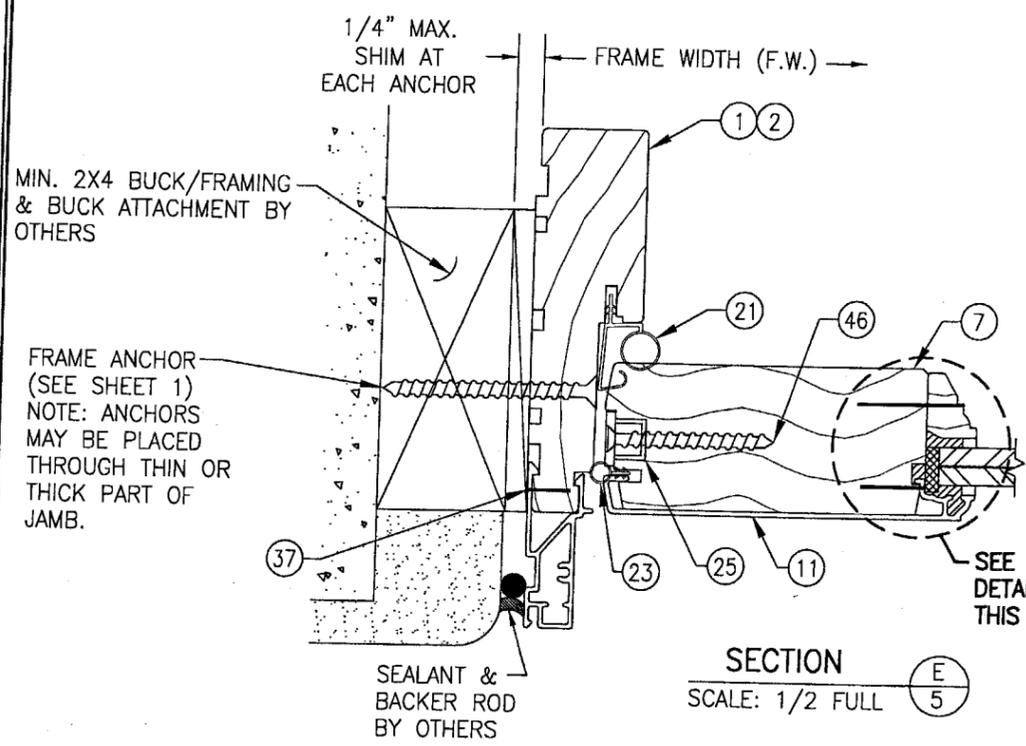
SECTION D
SCALE: 1/2 FULL 5

CORNER CONSTRUCTION:
PANEL TOP:
WOOD MEMBERS ARE JOINED BY TWO (2) FULLY GLUED #5/8" X 6" BIRCH DOWELS 3" INTO EACH THE STILE & RAIL MEMBER.
PANEL BOTTOM:
WOOD MEMBERS ARE JOINED BY FOUR (4) FULLY GLUED #5/8" X 6" BIRCH DOWELS 3" INTO EACH THE STILE & RAIL MEMBER.
PANEL CLAD:
THE SASH CLADDING IS COPED, SNAPPED ONTO EACH MEMBER AND THEN SEALED AT THE BUTTED SEAM WITH AN ACRYLIC/URETHANE SEALANT.
HEAD JAMB:
WOOD MEMBERS ARE COPED, SEALED, BUTTED TOGETHER AND MECHANICALLY FASTENED USING TWO (2) 2" X 16 GA. STAPLES AND TWO (2) #8 X 2 1/2" FH WOOD SCREWS HORIZONTALLY AND ONE (1) #8 X 2 1/2" FH WOOD SCREW VERTICALLY. A SILICONE SEALANT IS APPLIED TO SEAM PRIOR TO JOINING.
SILL JAMB:
WOOD MEMBERS ARE COPED, SEALED, BUTTED TOGETHER AND MECHANICALLY FASTENED USING TWO (2) 2" X 16 GA. STAPLES AND TWO (2) #8 X 2 1/2" FH WOOD SCREWS HORIZONTALLY & ONE (1) #8 X 2 1/2" FH WOOD SCREW VERTICALLY. A CLOSED CELL FOAM GASKET AND A SILICONE SEALANT ARE APPLIED BETWEEN JAMB MEMBERS PRIOR TO JOINING.
JAMB CLADDING:
THE JAMB CLADDING IS MITERED, BUTTED TOGETHER & MECHANICALLY FASTENED USING ONE (1) #6 X 1 1/2" SMS PER CORNER. SEALANT IS APPLIED TO SEAM BEFORE JOINING. NOTE THAT AT THE SILL, THE JAMB CLAD BUTTS AGAINST THE SILL CLAD.

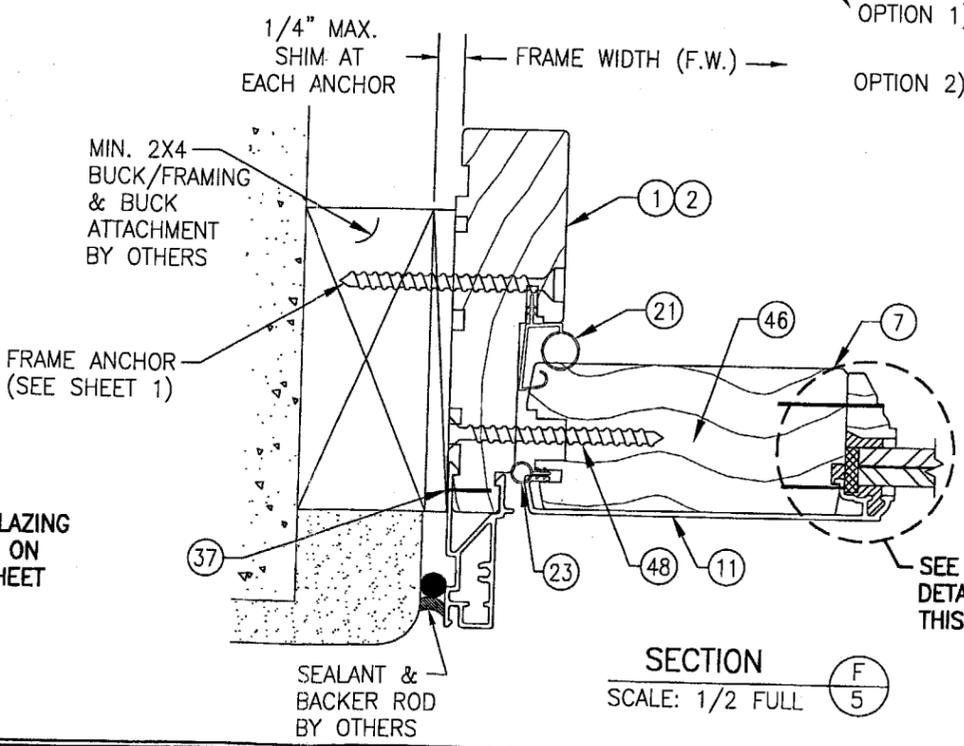


- GLAZING DETAIL**
- OPTION 1) CARDINAL SGP LAMINATED GLASS 7/16" THICK OVERALL (3/16" AN./0.090 SGP/3/16" AN.)
 - OPTION 2) CARDINAL SEASTORM TYPE "B" LAMINATED GLASS 7/16" THICK OVERALL (3/16" AN./0.015 PVB/0.007 PET/0.075 PVB) 3/16" AN.; OR (3/16" AN./0.045 PVB/0.007 PET/0.045 PVB) 3/16" AN.)

SEE SHEET 4 FOR "OPTIONAL DIRECT MOUNT" & "FIN MOUNT" DETAILS.



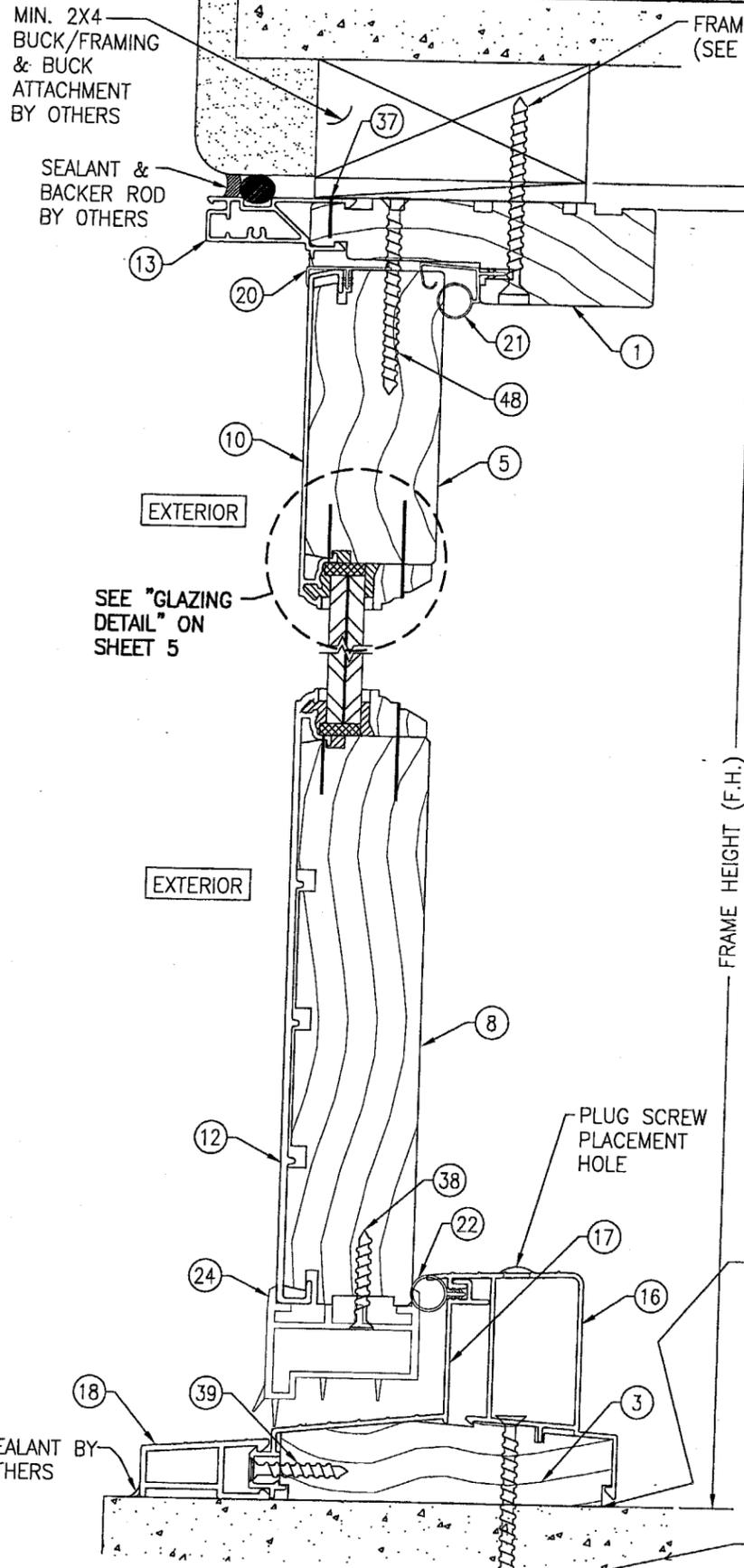
SECTION E
SCALE: 1/2 FULL 5



SECTION F
SCALE: 1/2 FULL 5

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 05-0118.01
 Expiration Date 10/31/07
 By: *M. Khan*
 Miami Building Product Control Division

DRAWN BY: J.C.F.	CHECKED BY: W.W.S.
PLOT: 1-16	DATE: 05/05/02
DATE	
BY	
REVISION DESCRIPTION	
NO.	
DRAWING TITLE ALUMINUM CLAD WOOD IMPACT OUTSWING FRENCH DOOR	
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 C.P. LOEWEN ENTERPRISES 77 P.T.H 52 WEST, BOX 2260 STEINBACH, MB CANADA R5G 1B2 204-326-6446
CERTIFICATION JAN 1 2005	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1102	REV. A
SHEET NO. 5 OF 8	



SECTION G
SCALE: 1/2 FULL

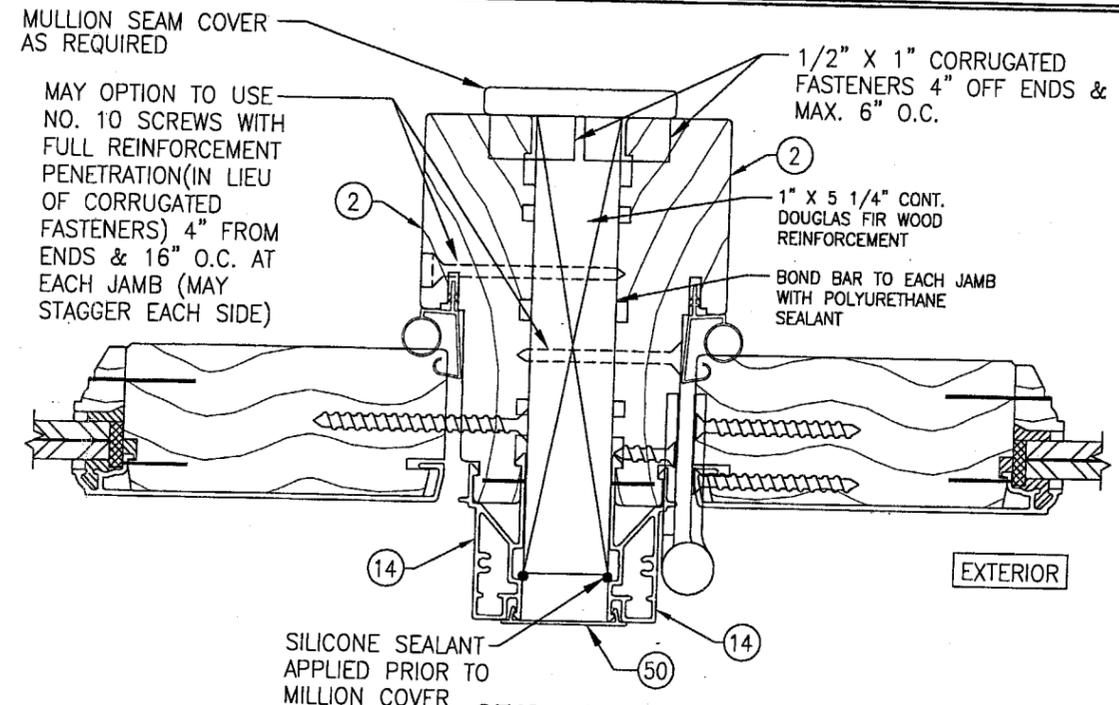
1/4" MAX. SHIM AT EACH ANCHOR

FRAME HEIGHT (F.H.)

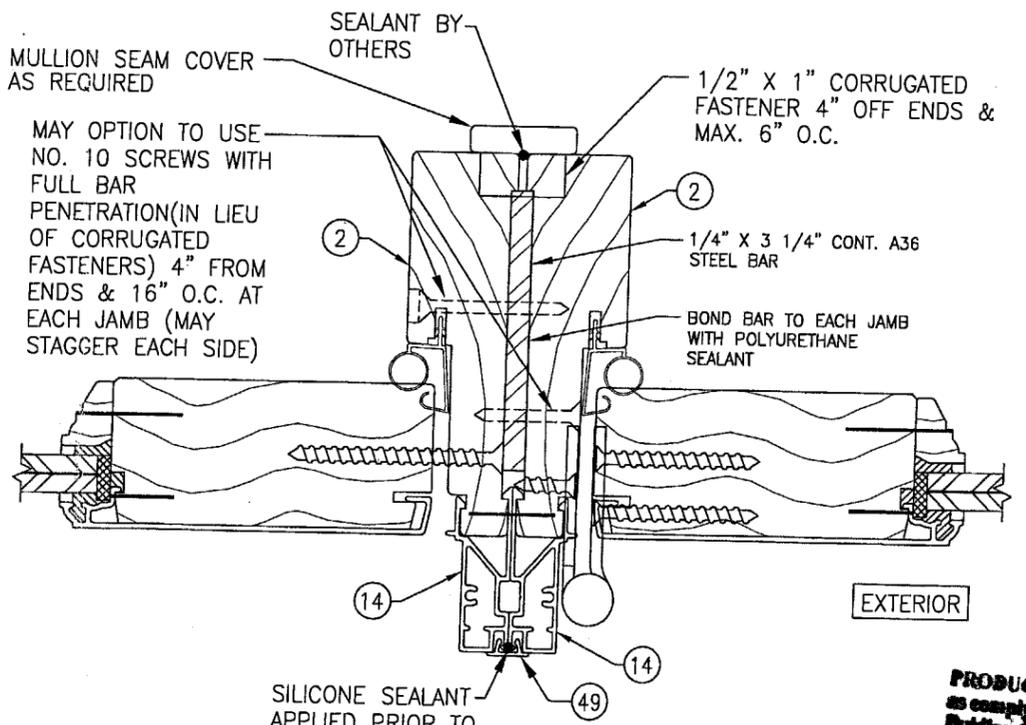
MAY OPTION TO PLACE MAX. 1/4" SHIM BETWEEN WOOD SILL AND SUBSTRATE

SILL ANCHOR PER ELEVATIONS

SEE SHEET 4 FOR "OPTIONAL DIRECT MOUNT" & "FIN MOUNT" DETAILS.



SECTION H1
SCALE: 1/2 FULL
(SEE JAMB SECTIONS FOR DETAIL NOT SHOWN)



SECTION H2
SCALE: 1/2 FULL
(SEE JAMB SECTIONS FOR DETAIL NOT SHOWN)

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 05-011801
Expiration Date 10/21/03
By: *[Signature]*
Miami Dade Product Control
Division

DRAWN BY: J.C.F.	CHECKED BY: W.W.S.
PLOT: 1=16	DATE: 05/05/02
NO.	REVISION DESCRIPTION

ALUMINUM CLAD WOOD IMPACT OUTSWING FRENCH DOOR

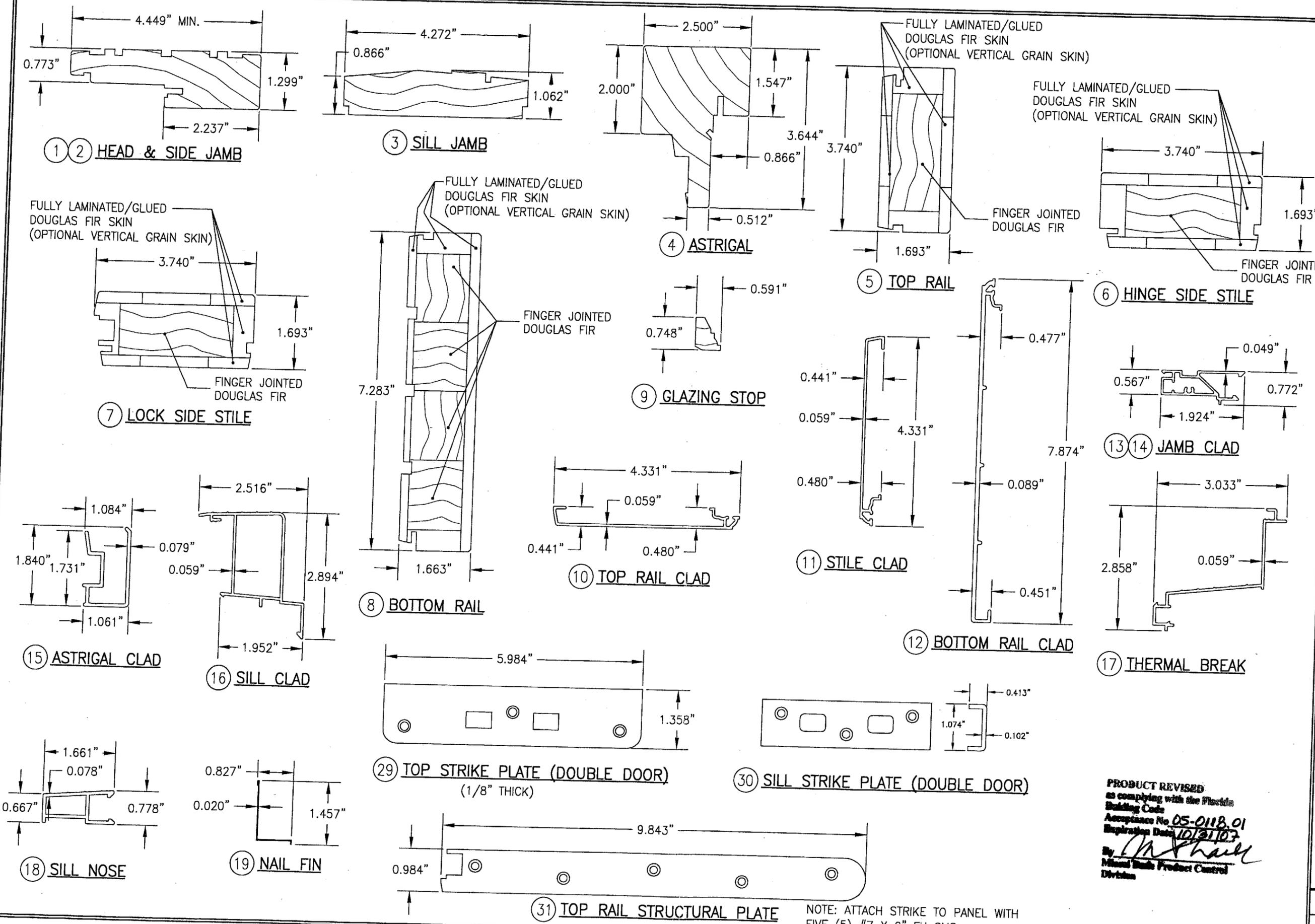
MANUFACTURER
C.P. LOEWEN ENTERPRISES
77 P.T.H. 52 WEST, BOX 2260
STEINBACH, MB CANADA R5G 1B2
204-326-6446

CONSULTANTS
W. W. SCHAEFER ENGINEERING
& CONSULTING, P.A.
8995 N. MILITARY TRAIL, SUITE C-204
PALM BEACH GARDENS, FL 33410
PHONE: 561-775-4902 FAX: 561-775-4903

CERTIFICATION
JAN 1 2005

WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

DRAWING NO. 1102
SHEET NO. 6 OF 8



DRAWN BY:	J.C.F.	CHECKED BY:	W.S.S.
PLOT:	1-16	DATE:	05/05/02
NO.		REVISION DESCRIPTION	
DATE		BY	

DRAWING TITLE
ALUMINUM CLAD WOOD IMPACT OUTSWING FRENCH DOOR

MANUFACTURER
C.P. LOEWEN ENTERPRISES
77 P.T.H 52 WEST, BOX 2260
STEINBACH, MB CANADA R5G 1B2
204-326-6446

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

CERTIFICATION
JAN 11 2005
By *Warren W. Schaefer*
WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 05-0118.01
Expiration Date 10/31/03
By *Warren W. Schaefer*
Miami Trade Product Control
Division

DRAWING NO.	1102	REV.	A
SHEET NO.	7	OF	8

NOTE: ATTACH STRIKE TO PANEL WITH FIVE (5) #7 X 2" FH SMS.

