



MIAMI-DADE COUNTY
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.buildingcodeonline.com

NOTICE OF ACCEPTANCE (NOA)

C.P. Loewen Enterprises
 77 P.T.H. 52 West, Box 2260
 Steinbach, MB 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 Sliding Doors

APPROVAL DOCUMENT: Drawing No 1381, titled "Aluminum Clad Wood Imp. Sliding French Patio Door" Sheets 1 through 7 of 7, dated 3/15/05, prepared by manufacturer, signed and sealed by Warren W. 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 Resistant

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

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

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

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

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

This NOA consists of this page 1 and evidence pages E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Jaime D. Gascon, P.E.**



J. Gascon
 8/10/06

NOA No 06-0615.02
Expiration Date: August 31, 2011
Approval Date: August 31, 2006
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **1381**, titled "Aluminum Clad Wood Imp. Sliding French Patio Door" Sheets 1 through 7 of 7, dated 3/15/05, prepared by manufacturer, signed and sealed by Warren W. Schaefer, P.E.

B. TESTS

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
along with marked-up drawings and installation diagram of a **clad wood impact sliding french patio door, prepared** by ETC Laboratories, Test Report No. **ETC-05-959-16697.0**, dated 03/22/06, signed and sealed by Joseph Labora Doldan, P. E.

C. CALCULATIONS

1. Anchor calculation and structural analysis prepared by C.P. Loewen Enterprises, dated 06/13/06, signed and sealed by Warren W. Schaefer P. E.
Complies with ASTM E-1300-02

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", expiring 12-30-07.
2. Notice of Acceptance No.01-1204.01, issued to E.I. DuPont DeNemours, for "Sentry Glass Plus", expiring 01-14-07.

F. STATEMENTS

1. Anchor verification, compliance letter dated June 14, 2006, issued by Warren W. Schaefer, P. E.
2. Statement letter of conformance and "no financial interest", dated June 14, 2006, signed and sealed by Warren W. Schaefer, P.E.

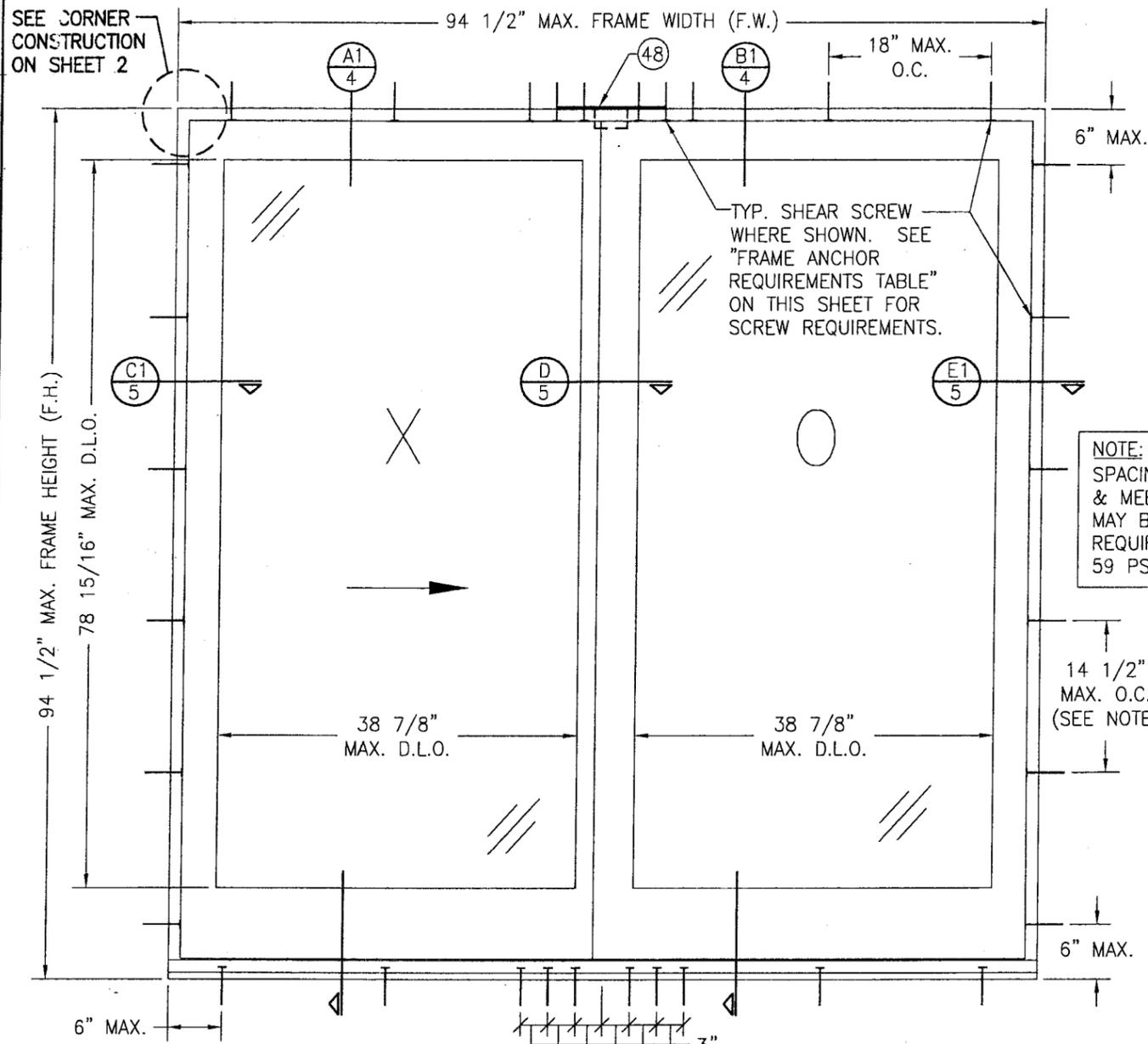
G. OTHER

1. Letter from consultant, dated 07/26/06, stating that the product is in compliance with the Florida Building Code (FBC).



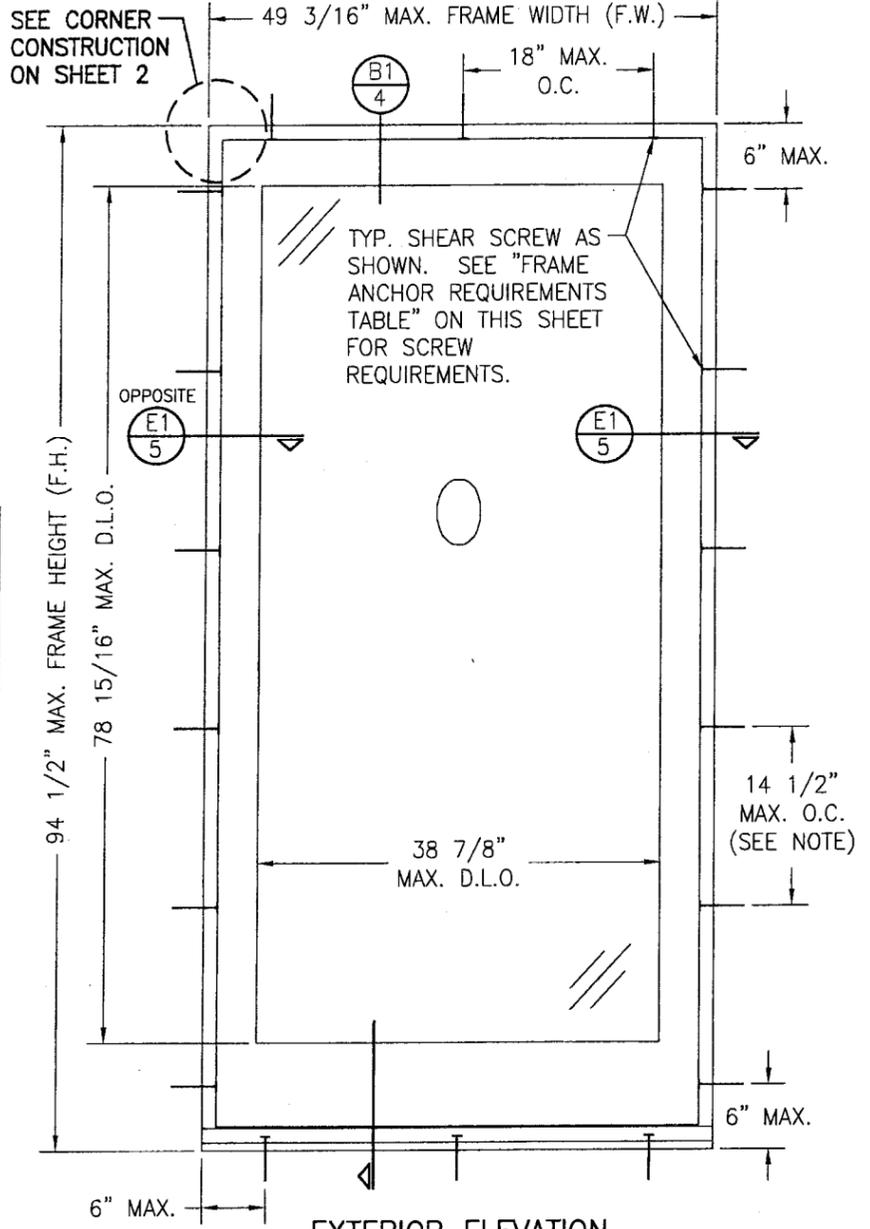
Jaime D. Gaston, P.E.
Chief, Product control Division
NOA No 06-0615.02
Expiration Date: August 31, 2011
Approval Date: August 31, 2006

SEE CORNER CONSTRUCTION ON SHEET 2



**EXTERIOR ELEVATION
2 PANEL SLIDING DOOR
(SHEAR SCREW MOUNT CONDITION)**
SCALE: 3/4"=1' 0"

SEE CORNER CONSTRUCTION ON SHEET 2



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

NOTE: SIDE JAMB ANCHOR SPACING MAY BE 16 1/2" O.C. & MEETING STILE END ANCHORS MAY BE A QUANTITY OF 4 WHEN REQUIRED DESIGN PRESSURE IS 59 PSF OR LESS.

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 THE 2004 FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT DOORS.
5. THESE DOOR SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE 2004 FLORIDA BUILDING CODE (FBC) INCLUDING 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.
8. ALL FRAME ANCHORS SECURING WINDOW/DOOR FRAME TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
9. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2004 FLORIDA BUILDING CODE SECTION 2003.8.4.

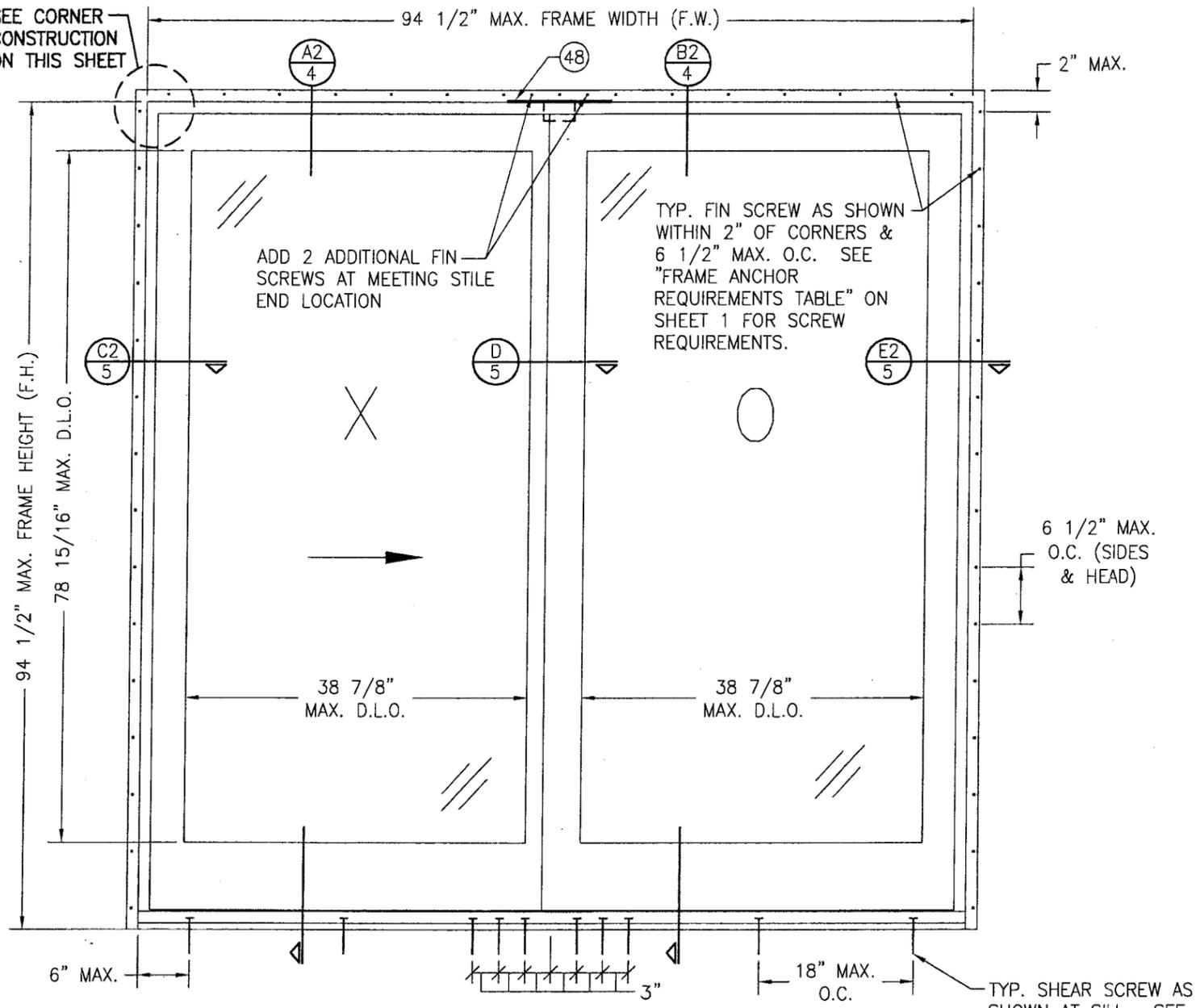
FRAME ANCHOR REQUIREMENTS TABLE			
FIN SCREWS			
OPENING TYPE (SUBSTRATE)	JAMB TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
2X_ WOOD FRAME OR BUCK	NO. 8 X 1 1/2" SMS SCREWS	1 3/8"	1/2"
SHEAR SCREWS			
2X_ WOOD FRAME OR BUCK	NO. 10 SMS SCREW	1 1/4"	3/4"
CMU/CONCRETE	(1) 1/4" CONCRETE SCREW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

ALLOWABLE DESIGN PRESSURE
+/-70 PSF

Approved as complying with the Florida Building Code
Date 08/31/06
NOA# 06-0615-02
Miami Dade Product Control
Division
By: *[Signature]*

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=16	DATE: 3/15/05
NO.	REVISION DESCRIPTION
DATE	BY
DRAWING TITLE ALUMINUM CLAD WOOD IMPACT SLIDING DOORS	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.	MANUFACTURER C.P. LOEWEN ENTERPRISES
8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903	77 P.T.H. 52 WEST, BOX 2260 STEINBACH, MB CANADA R5G 1B2 204-326-6446
CERTIFICATION JUN 14 2006	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1381	REV.
SHEET NO. 1	OF 7

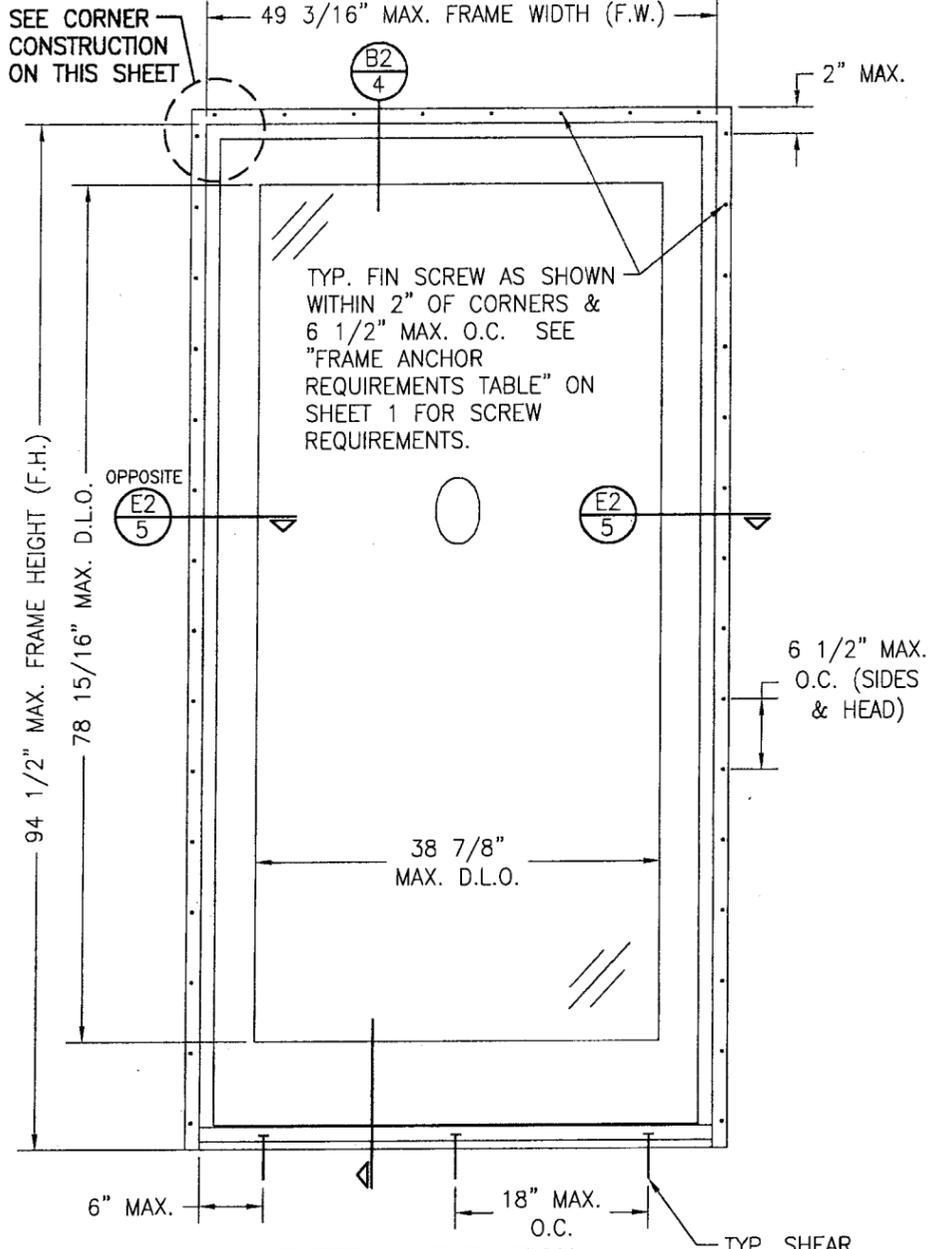
SEE CORNER CONSTRUCTION ON THIS SHEET



**EXTERIOR ELEVATION
2 PANEL SLIDING DOOR
(FIN MOUNT CONDITION)**
SCALE: 3/4"=1' 0"

TYP. SHEAR SCREW AS SHOWN AT SILL. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR SCREW REQUIREMENTS.

SEE CORNER CONSTRUCTION ON THIS SHEET



**EXTERIOR ELEVATION
SINGLE FIXED PANEL DOOR
(FIN MOUNT CONDITION)**
SCALE: 3/4"=1' 0"

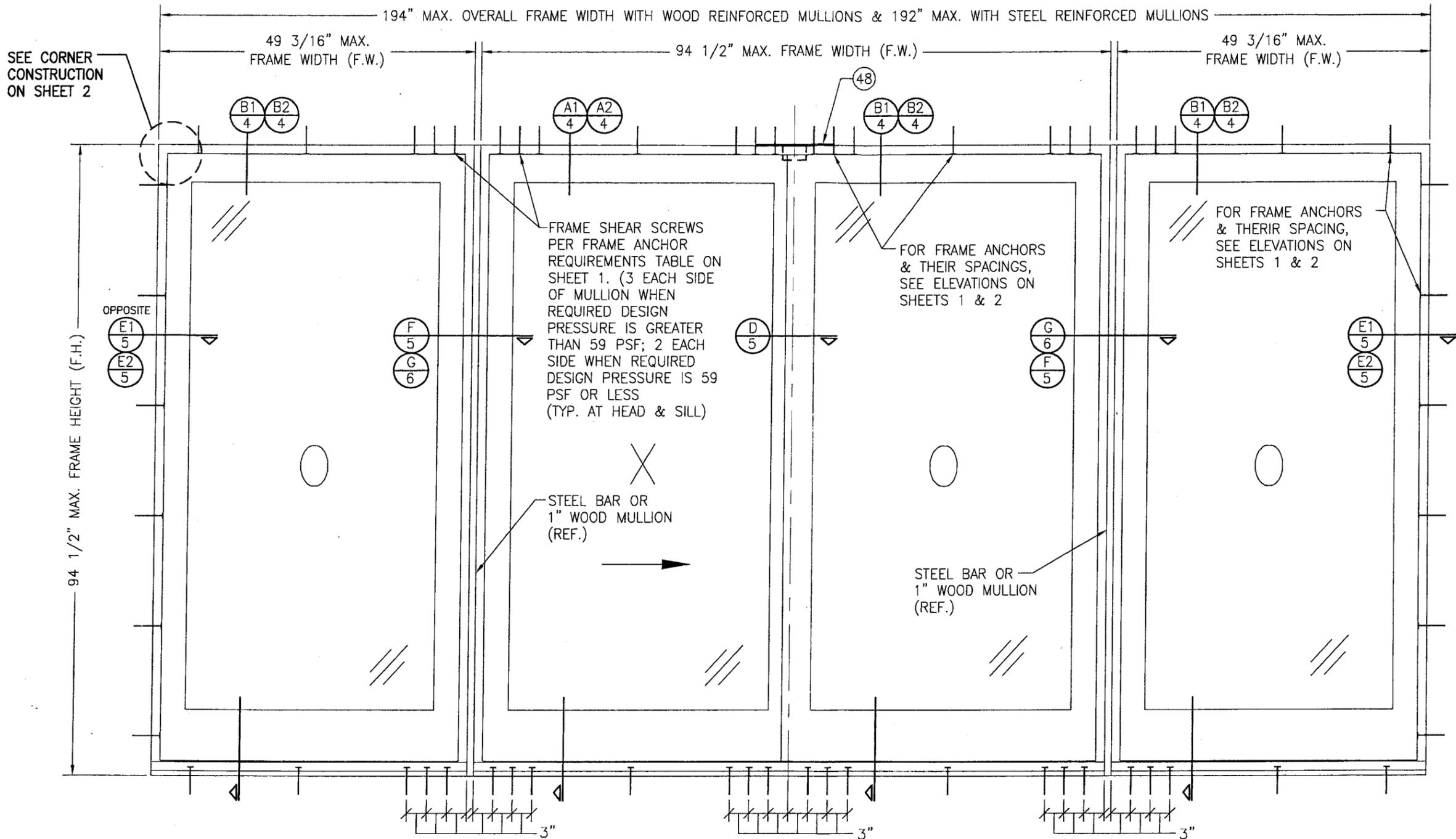
TYP. SHEAR SCREW AS SHOWN AT SILL. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR SCREW REQUIREMENTS.

CORNER CONSTRUCTION:

- PANEL TOP:** WOOD MEMBERS ARE JOINED BY TWO (2) FULLY GLUED $\phi 5/8"$ X 5" WOOD DOWELS.
- PANEL BOTTOM:** WOOD MEMBERS ARE JOINED BY THREE (3) FULLY GLUED $\phi 5/8"$ X 5" WOOD DOWELS AND ONE (1) $\phi 5/8"$ X 3 3/8" WOOD DOWEL.
- 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, BUTTED TOGETHER, MECHANICALLY FASTENED USING THREE (3) #8 X 2 1/2" FH SCREWS HORIZONTALLY AND ONE (1) #6 X 1 1/2" PH SCREW VERTICALLY (A SILICONE SEALANT IS APPLIED TO SEAM PRIOR TO JOINING), AND SEALED WITH TREMSIL 600 ON METAL CLAD COMPONENTS AND DYMONIC FC ON WOOD COMPONENTS.
- SILL JAMB:** WOOD MEMBERS ARE COPED, BUTTED TOGETHER, MECHANICALLY FASTENED USING THREE (3) #8 X 2 1/2" FH SCREWS AND ONE (1) #6 X 1 1/2" PH SCREW HORIZONTALLY & ONE (1) #6 X 1 1/2" PH SCREW VERTICALLY, AND SEALED WITH TREMSIL 600 ON METAL CLAD COMPONENTS AND DYMONIC FC ON WOOD COMPONENTS.
- 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.

Approved as complying with the Florida Building Code
Date 08/31/06
NOA 02-0615-02
Miami-Dade Product Control Division
By *Judith Farris*

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=16	DATE: 3/15/05
DATE	
BY	
REVISION DESCRIPTION	
NO.	
ALUMINUM CLAD WOOD IMPACT SLIDING DOORS 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	
DRAWING TITLE ALUMINUM CLAD WOOD IMPACT SLIDING DOORS	
CERTIFICATION JUN 14 2006 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1381	REV.
SHEET NO. 2 OF 7	



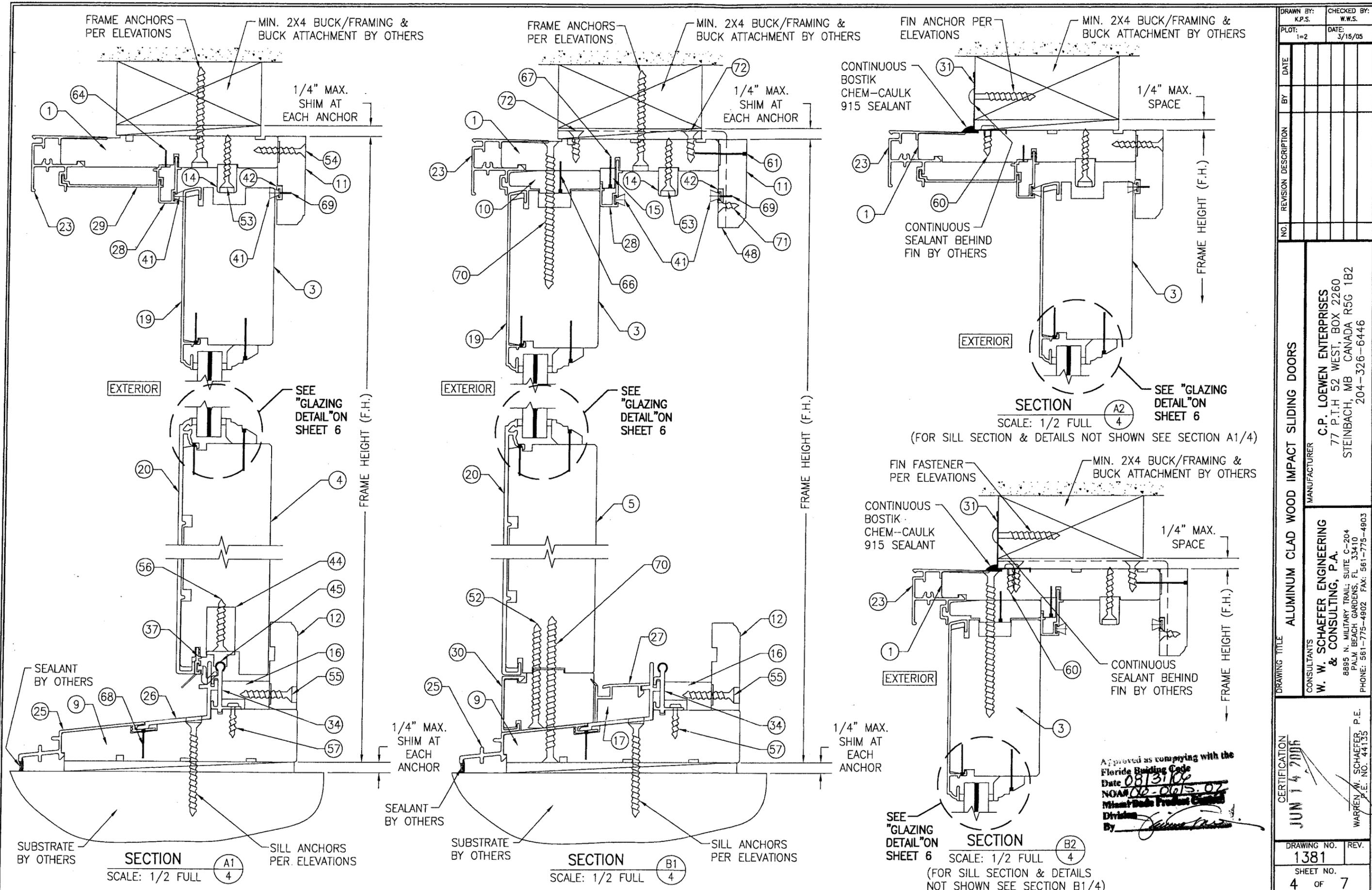
**EXTERIOR ELEVATION
 MULTIPLE OPERATING/FIXED SLIDING DOOR**

SCALE: 1/2" = 1' 0"

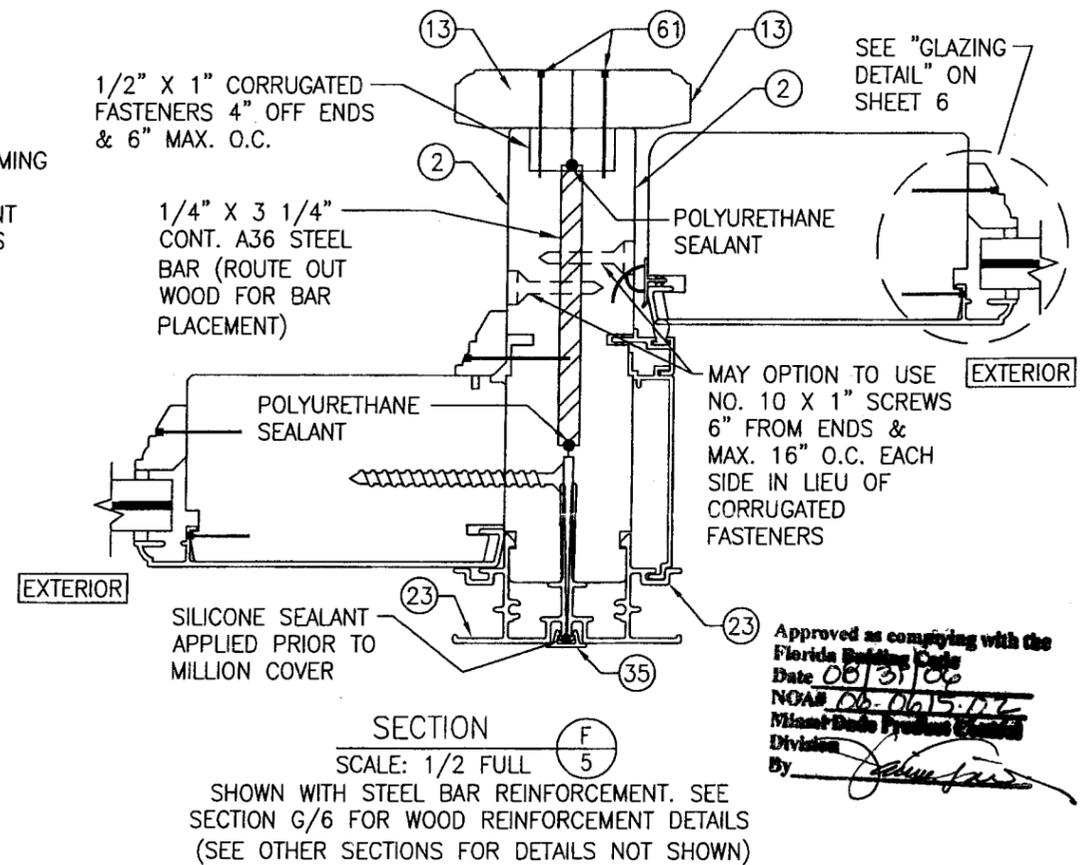
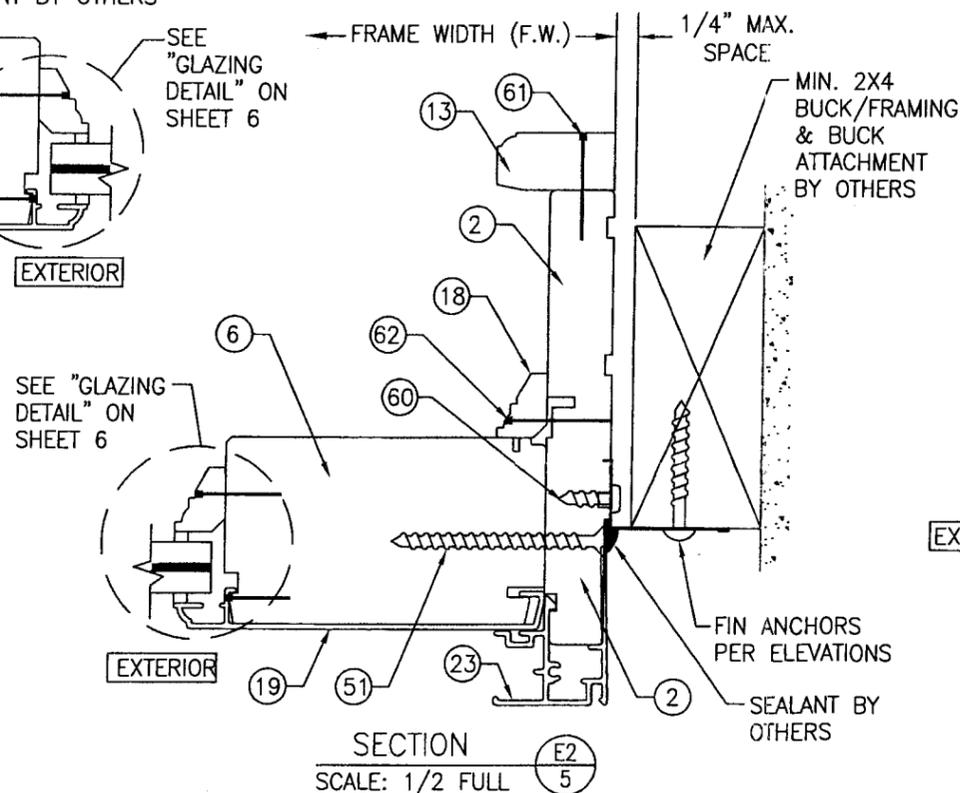
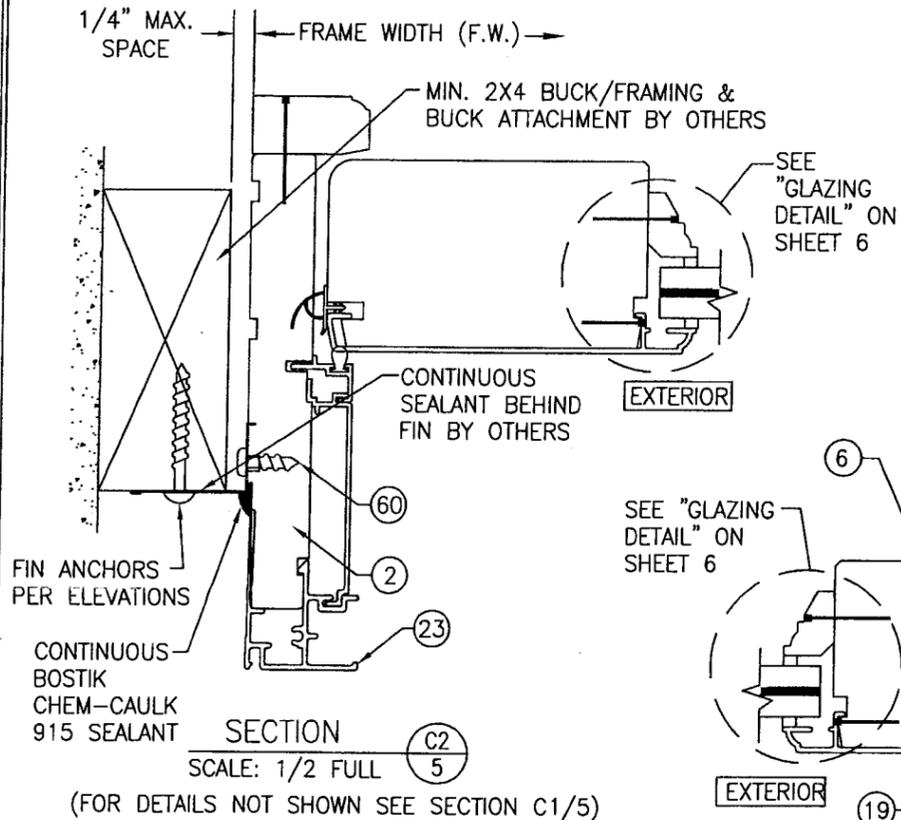
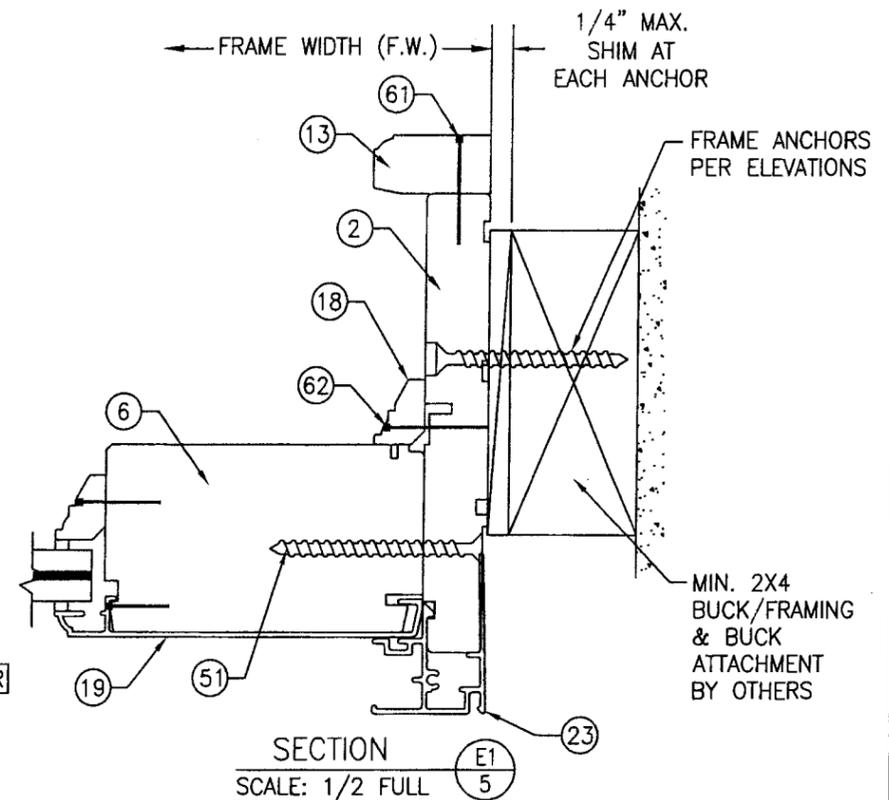
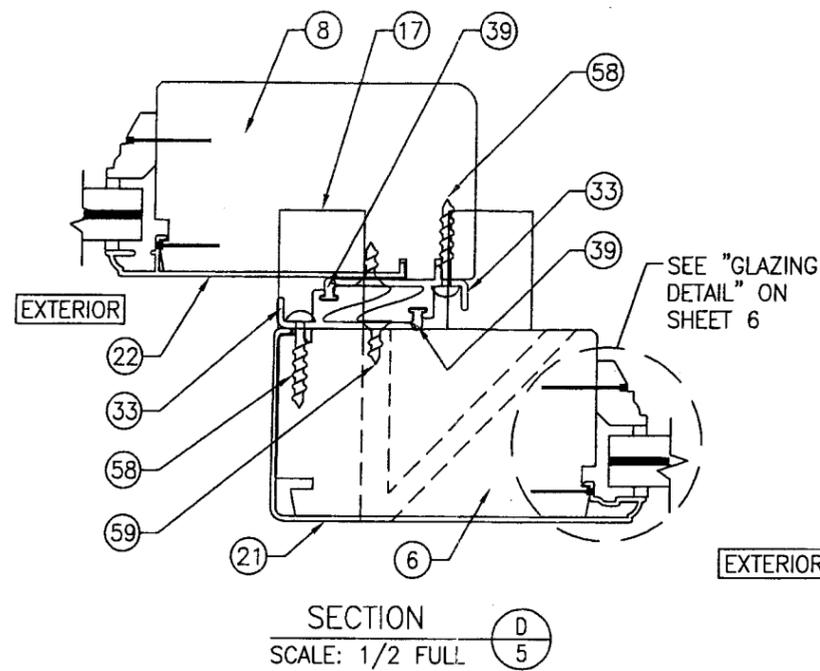
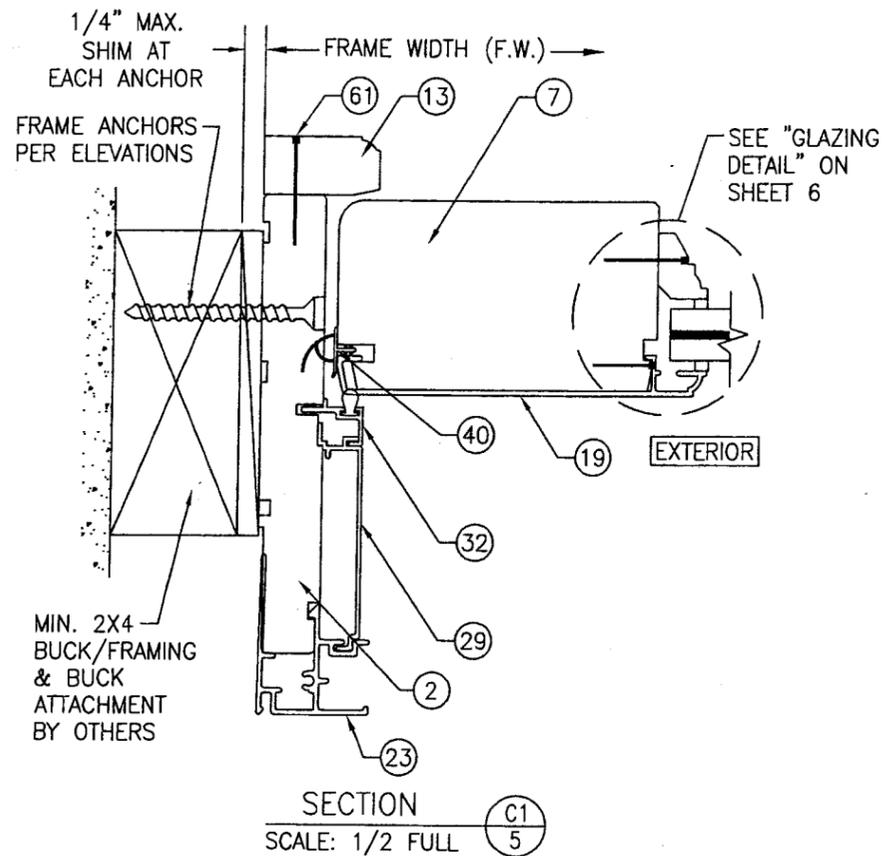
(DOUBLE PANEL SLIDER WITH SIDE LIGHTS SHOWN. TWO DOUBLE PANEL
 SLIDERS MULLED TOGETHER IN ONE OPENING IS ALSO APPLICABLE)
 (SHEAR SCREW MOUNT CONDITION SHOWN. SEE ELEVATIONS ON SHEET 2 FOR FIN MOUNT CONDITIONS.)

Approved as complying with the
 Florida Building Code
 Date: 08/31/06
 NO. 06-0015.02
 Miami-Dade Product Control
 Division
 By: *[Signature]*

DRAWN BY: K.P.S.		CHECKED BY: W.W.S.	
PLOT: 1=16		DATE: 3/15/05	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE ALUMINUM CLAD WOOD IMPACT SLIDING DOORS			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.		MANUFACTURER C.P. LOEWEN ENTERPRISES	
8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903		77 P.T.H 52 WEST, BOX 2260 STEINBACH, MB CANADA R5G 1B2 204-326-6446	
CERTIFICATION JUN 14 2006	WARREN W. SCHAEFER, P.E. P.E. NO. 44135		
DRAWING NO. 1381	REV.		
SHEET NO. 3 OF 7			



DRAWN BY: K.P.S.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 3/15/05	
NO.	REVISION DESCRIPTION	DATE	BY
ALUMINUM CLAD WOOD IMPACT SLIDING DOORS 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 JUN 14 2006 Approved as complying with the Florida Building Code Date 08/31/06 NOA# 06-0015-07 Minimum Data Product Control Division By <i>[Signature]</i>		DRAWING NO. 1381 SHEET NO. 4 OF 7	



DRAWN BY: K.P.S. CHECKED BY: W.W.S.

PLOT: 1=2 DATE: 3/15/05

NO.	REVISION DESCRIPTION	DATE

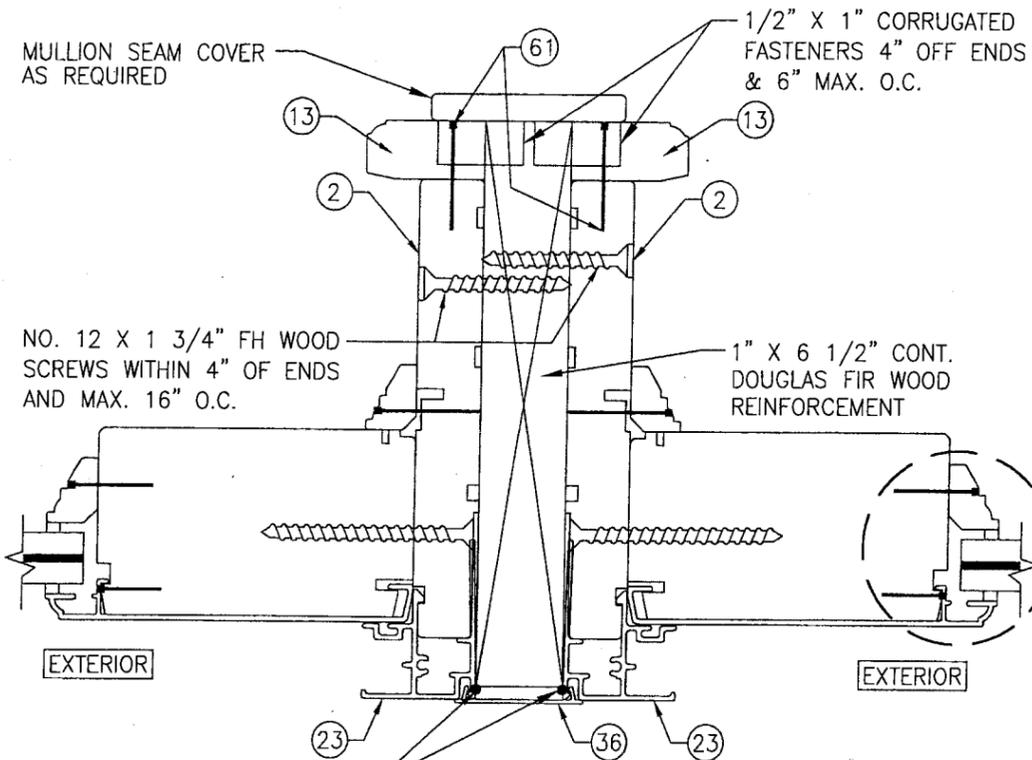
ALUMINUM CLAD WOOD IMPACT SLIDING DOORS

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

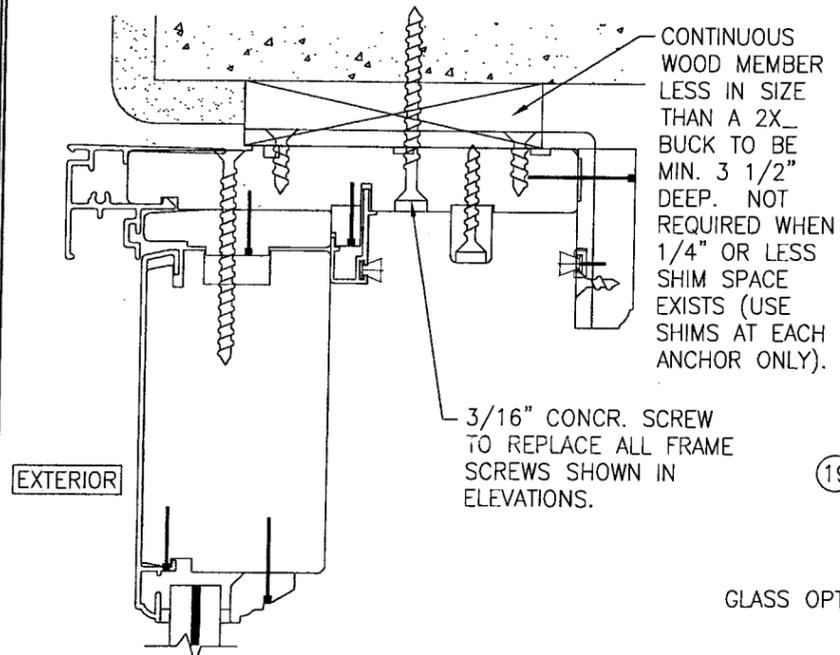
CERTIFICATION
JUN 14 2005
WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

DRAWING NO. 1381 REV. 5
SHEET NO. 5 OF 7

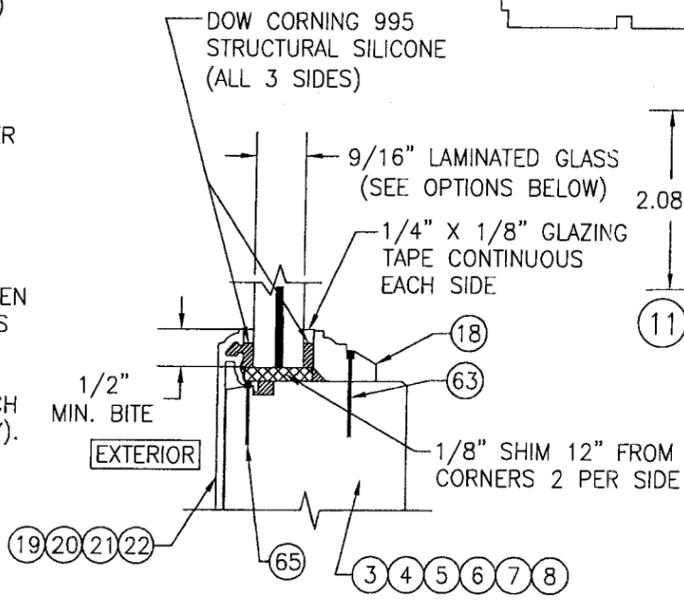


SECTION G
SCALE: 1/2 FULL

SHOWN WITH WOOD REINFORCEMENT. SEE SECTION F/5 FOR STEEL BAR REINFORCEMENT DETAILS (SEE OTHER SECTIONS FOR DETAILS NOT SHOWN)

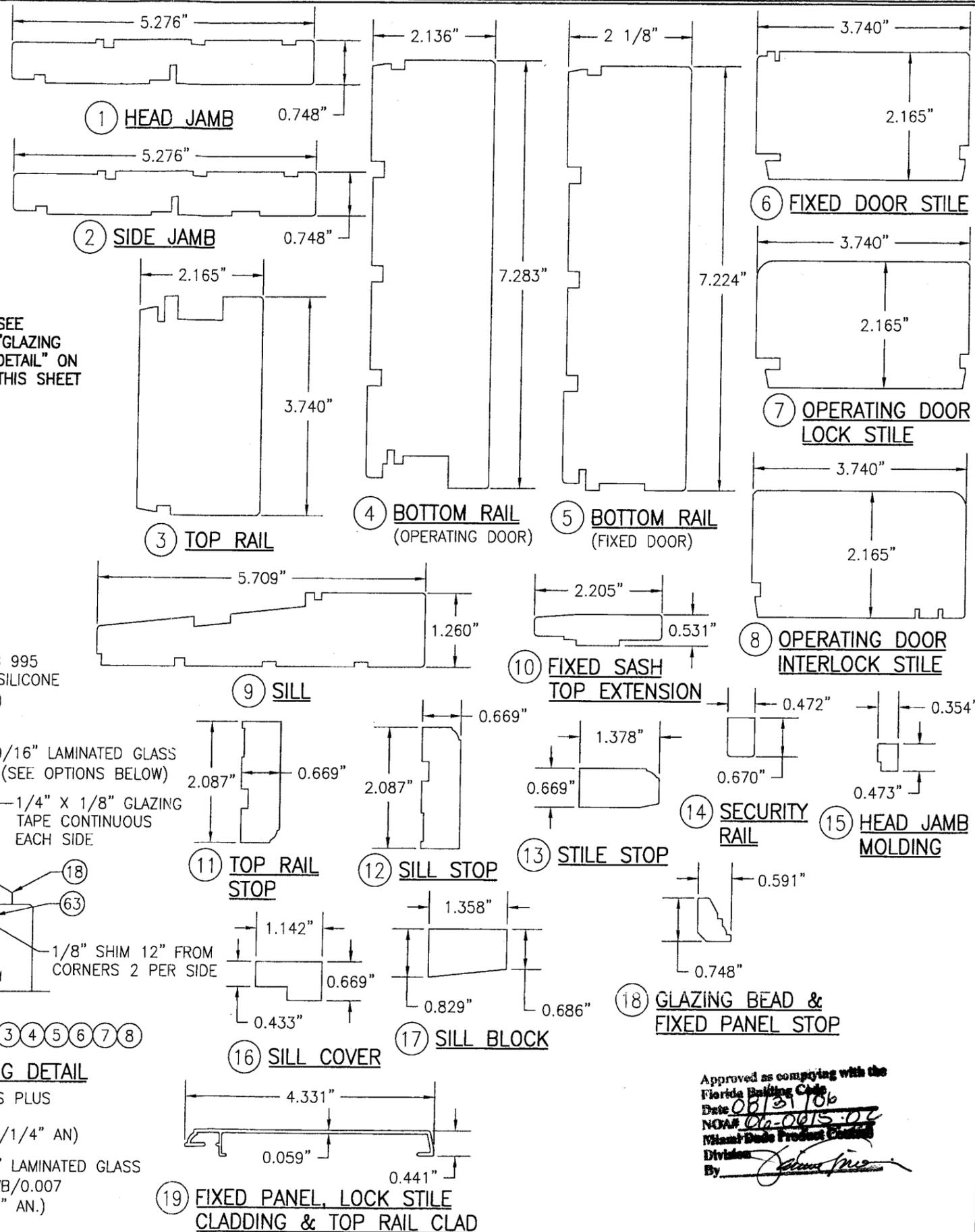


OPTIONAL DIRECT MOUNT DETAIL
FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS (HEAD SECTION SHOWN, SIDE AND SILL SIMILAR)



TYPICAL GLAZING DETAIL

- GLASS OPTION 1: 9/16" SENTRY GLASS PLUS LAMINATED GLASS (1/4" AN/0.09" SGP/1/4" AN)
- GLASS OPTION 2: 9/16" SEASTORM "B" LAMINATED GLASS (1/4" AN./0.015" PVB/0.007 PET/0.075" PVB/1/4" AN.)



Approved as complying with the Florida Building Code
Date: 08/21/06
NOA# 06-0015-02
Miami Dade Product Control Division
By: *[Signature]*

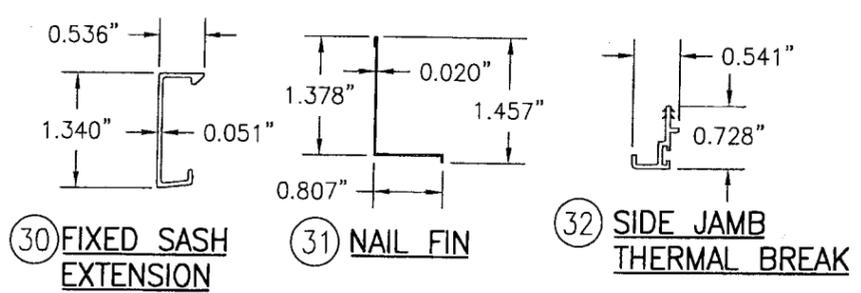
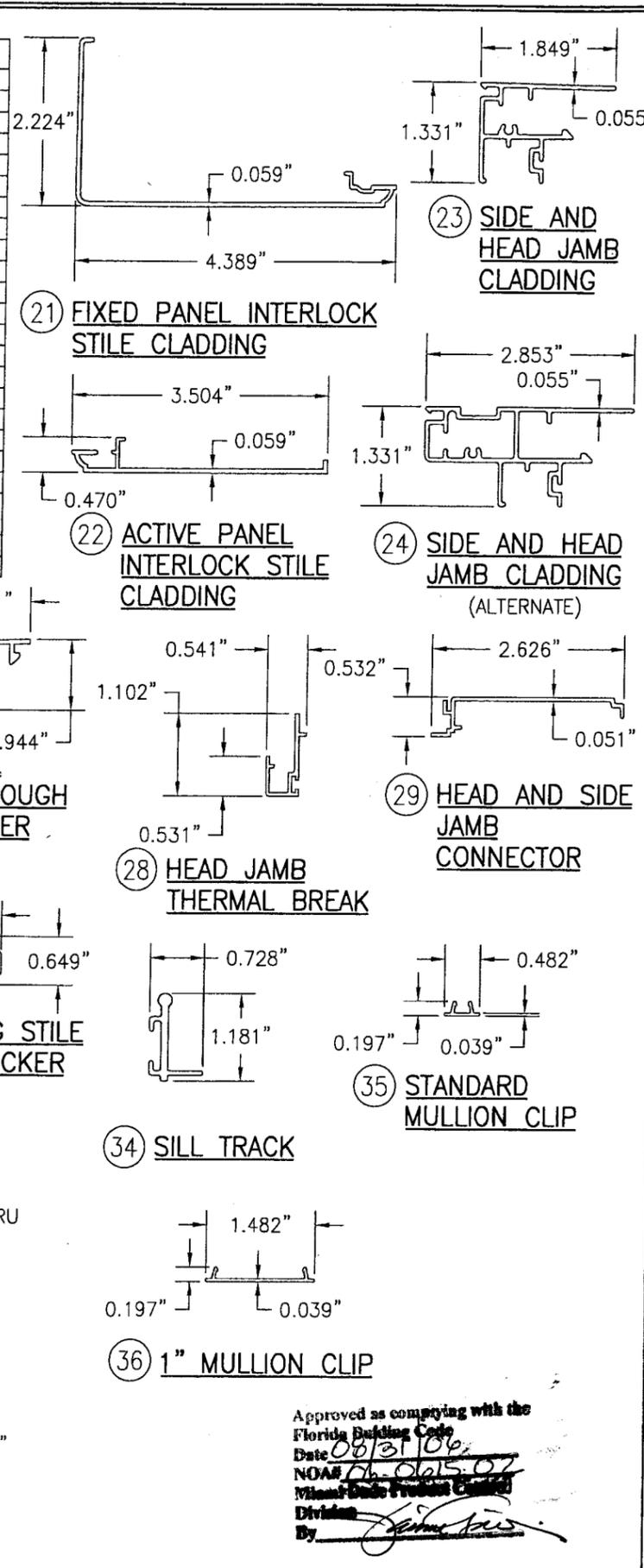
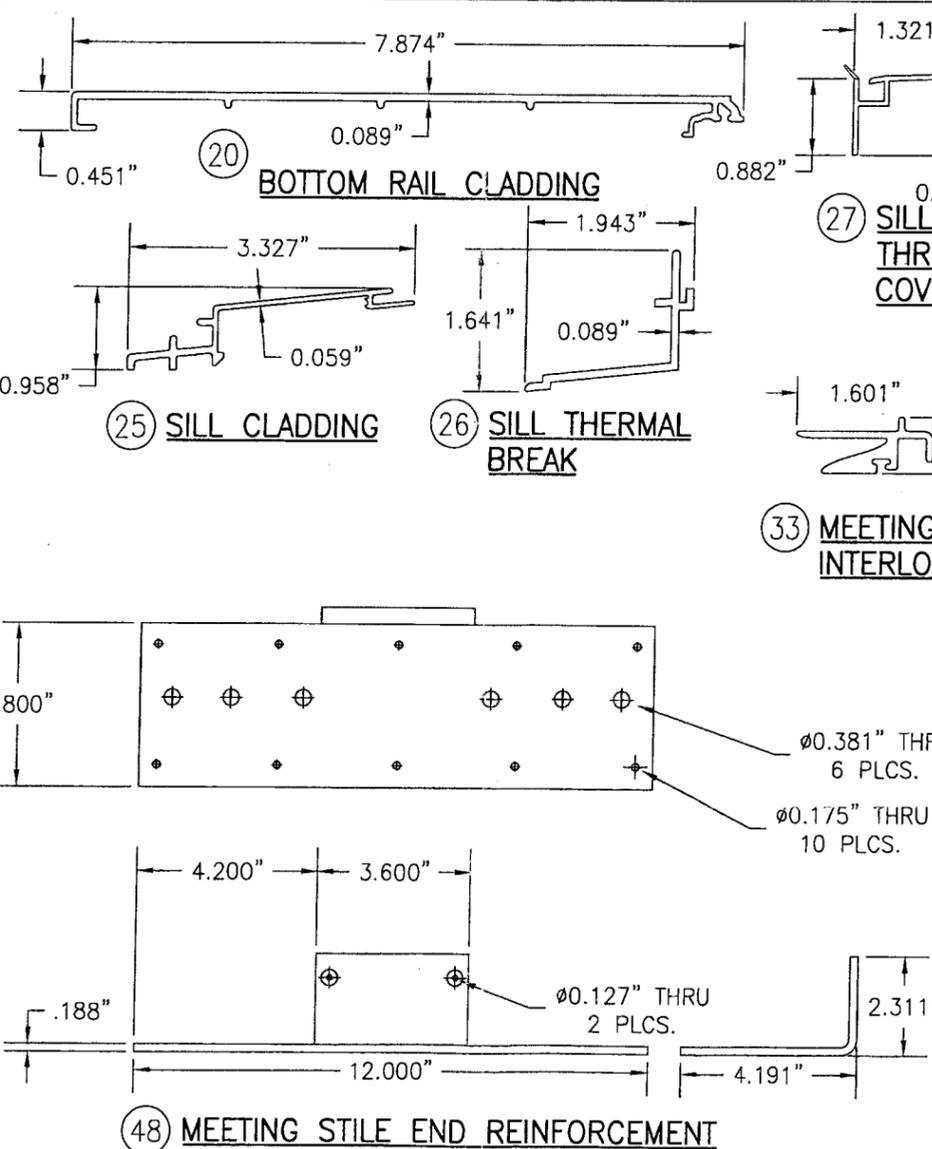
DRAWN BY: K.P.S.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 3/15/05	
NO.	REVISION	DESCRIPTION	DATE
ALUMINUM CLAD WOOD IMPACT SLIDING DOORS MANUFACTURER C.P. LOEWEN ENTERPRISES 77 P.T.H. 52 WEST, BOX 2260 STEINBACH, MB CANADA R5G 1B2 204-326-6446			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903			
DRAWING TITLE		CERTIFICATION	
		JUN 14 2006 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1381		REV.	
SHEET NO. 6		OF 7	

BILL OF MATERIALS

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS		
1	HEAD JAMB	* WOOD
2	SIDE JAMB	* WOOD
3	TOP RAIL	* WOOD
4	BOTTOM RAIL (OPERATING DOOR)	* WOOD
5	BOTTOM RAIL (FIXED DOOR)	* WOOD
6	FIXED DOOR STILE	* WOOD
7	OPERATING DOOR LOCK STILE	* WOOD
8	OPERATING DOOR INTERLOCK STILE	* WOOD
9	SILL	* WOOD
10	FIXED SASH TOP EXTENSION	* WOOD
11	TOP RAIL STOP	* WOOD
12	SILL STOP	* WOOD
13	STILE STOP	* WOOD
14	SECURITY RAIL	* WOOD
15	HEAD JAMB MOLDING	* WOOD
16	SILL COVER	* WOOD
17	SILL BLOCK	* WOOD
18	GLAZING BEAD & FIXED PANEL STOP	* WOOD
19	FIXED PANEL, LOCK STILE & TOP RAIL CLAD	6063-T5 ALUMINUM
20	BOTTOM RAIL CLADDING	6063-T5 ALUMINUM
21	FIXED PANEL INTERLOCK STILE CLADDING	6063-T5 ALUMINUM
22	ACTIVE PANEL INTERLOCK STILE CLADDING	6063-T5 ALUMINUM
23	SIDE AND HEAD JAMB CLADDING	6063-T5 ALUMINUM
24	ALT. SIDE AND HEAD JAMB CLADDING	6063-T5 ALUMINUM
25	SILL CLADDING	6063-T5 ALUMINUM
26	SILL THERMAL BREAK	PVC
27	SILL THROUGH COVER	PVC
28	HEAD JAMB THERMAL BREAK	SPARTECH PROFILES NO. R-2474
29	HEAD JAMB CONNECTOR	6063-T5 ALUMINUM
30	FIXED SASH EXTENSION	6063-T5 ALUMINUM
31	NAILING FIN	STEEL (fy = 50 ksi MIN.)
32	SIDE JAMB THERMAL BREAK	SPARTECH PROFILES NO. R-2475
33	MEETING STILE INTERLOCKER	ALL-ROVING POLYURETHANE MATRIX FIBERGLASS
34	SILL TRACK	6063-T5 ALUMINUM
35	STANDARD MULLION CLIP	6063-T5 ALUMINUM
36	1" MULLION CLIP	6063-T5 ALUMINUM
SEALS & SEALANTS		
37	SASH T-SLOT WITH Q-LON WEATHERSEAL	SPARTECH PROFILES NO. R-2473 PLUS QEZ-376
38	WEATHER SEAL	Q-LON NO. SSI-C300X190
39	WEATHER SEAL	Q-LON SSI-C200X190
40	COMPRESSION SEAL	INTEK PLASTICS
41	SWEEP	SCHLEGEL 80041
42	SCHLEGEL HOLDER # R-441 4954B	THOMPSON PLASTICS LTD.
HARDWARE		
43	DOOR HANDLE	HOPE
44	PATIO DOOR ROLLERS	TRUTH HARDWARE
45	SILL TRACK CAP	CAN-SPACE MFG.
46	PATIO DOOR LOCK	HOPPE
47	KEEPER	HOPPE
48	MEETING STILE END REINFORCEMENT	304 STAINLESS STEEL

* WOOD USED WITH TEST UNITS WAS GRADE 2 NORTHERN DOUGLAS FIR. ALTERNATE WOOD SPECIES TO BE APPLICABLE WITH THESE WINDOWS IS MIN. GRADE 2 MAHOGANY, OAK, CHERRY, MAPLE & CYPRESS.
 NOTE: ALL WOOD IS RECEIVED BY LOEWEN WINDOWS AS GRADE 2, BUT IS MACHINED BY LOEWEN TO A SELECT GRADE USE.

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
FASTENERS		
51	#8 X 2 1/2" FH SCREW	WITHIN 8" FROM CORNERS & 12" O.C.
52	#10 X 2 1/2" FH SCREW	WITHIN 1" FROM CORNERS & 12" O.C.
53	#6 X 1 1/4" FH SCREW	4 PER SECURITY RAIL
54	#8 X 1 1/2" FH SCREW	WITHIN 3" FROM CORNERS & 18" O.C.
55	#8 X 1 1/4" FH SCREW	WITHIN 4" FROM CORNERS & 10" O.C.
56	#8 X 1 1/4" FH SCREW	2 PER ROLLER
57	#6 X 3/4" PH SCREW	WITHIN 1" FROM CORNERS & 8" O.C.
58	#6 X 1" TRUSS HEAD SCREW	WITHIN 1 1/2" FROM CORNERS & 8" O.C.
59	#4 X 1/2" FH SCREW	WITHIN 1/2" FROM CORNERS & 8" O.C.
60	#8 X 5/8" PH SCREW	WITHIN 1 1/2" FROM CORNERS & 12" O.C.
61	1 1/4" FINISH NAIL	WITHIN 3 1/2" FROM CORNERS & 8" O.C.
62	1 1/4" FINISH NAIL	WITHIN 2" FROM CORNERS & 8" O.C.
63	1" FINISH NAIL	WITHIN 3" FROM CORNERS & 6" O.C.
64	5/8" FINISH NAIL	WITHIN 1" FROM CORNERS & 12" O.C.
65	3/4" FINISH NAIL	WITHIN 1" FROM CORNERS & 12" O.C.
66	3/4" FINISH NAIL	WITHIN 3" FROM CORNERS & 8" O.C.
67	3/4" FINISH NAIL	WITHIN 2" FROM CORNERS & 8" O.C.
68	5/8" FINISH NAIL	WITHIN 2" FROM CORNERS & 12" O.C.
69	1/4" STAPLE	WITHIN 1" FROM CORNERS & 8" O.C.
70	#12 X 3 1/2" FH SCREW	2" & 6" FROM CORNERS OF PANELS & 8" MAX O.C. (AT SILL & HEAD)
71	#4 X 1/2" FH SCREW	2 PER BRACKET
72	#8 X 3/4" FH SCREW	10 PER BRACKET



Approved as complying with the Florida Building Code
 Date 06/31/06
 NO. 0615-07
 Division
 By

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 3/15/05
NO.	REVISION DESCRIPTION
ALUMINUM CLAD WOOD IMPACT SLIDING DOORS	
MANUFACTURER	
C.P. LOEWEN ENTERPRISES 77 P.T.H 52 WEST, BOX 2260 STEINBACH, MB CANADA R5G 1B2 204-326-6446	
CONSULTANTS	
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	
DRAWING TITLE	
ALUMINUM CLAD WOOD IMPACT SLIDING DOORS	
CERTIFICATION	
JUN 14 2006 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1381	REV.
SHEET NO. 7	OF 7