



**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 P.T.H., 52 West, Box 2260
Steinbach, 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 Impact Single Hung Window

APPROVAL DOCUMENT: Drawing No.1300, titled "Aluminum Clad Wood Impact Single Hung Window", sheets 1 through 6 of 6, prepared by W.W. Schaefer Engineering & Consultant, P.A., dated 06/21/04, signed and sealed by Warren W. Schaffer, 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 # 04-0804.01 and, consists of this page 1 and evidence page E-1, and E-2, as well as approval document mentioned above.

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

*Jay
11/16/04*



**NOA No 04-1001.03
Expiration Date: September 16, 2009
Approval Date: November 25, 2004**

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **1300**, titled "Aluminum Clad Wood Impact Single Hung Window", sheets 1 through 6 of 6, prepared by W.W. Schaefer Engineering & Consultant, P.A., dated 06/21/04, signed and sealed by Warren W. Schaffer, P.E.

B. TESTS

1. Test reports on
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94along with marked-up drawings and installation diagram of aluminum clad wood single hung window, prepared by ETC Laboratories, Inc., Test Report No. **ETC-04-959-14827.0**, dated 03/15-6/09/03 signed and sealed by Mark D. Passero, P.E.
"Submitted under NOA# 04-0804.01"

C. CALCULATIONS

1. Anchor Calculations, ASTM-E1300, and structural analysis, dated 06/23/04, prepared by W.W. Schaefer Engineering & Consultant, P.A., signed and sealed by Warren W. Schaffer, P.E.
"Submitted under NOA# 04-0804.01"
2. Anchor Calculations, ASTM-E1300, and structural analysis, dated 09/22/04, prepared by W.W. Schaefer Engineering & Consultant, P.A., signed and sealed by Warren W. Schaffer, P.E.

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **01-1204.01** issued to E.I. DuPont DeNemours for their "Sentry ® Plus" dated 1/17/02, expiring on 1/14/07.

F. STATEMENTS

1. Statement letter of conformance, dated June 28, 2004, signed and sealed by Warren W. Schaefer, P.E.
"Submitted under NOA# 04-0804.01"
2. Statement letter of no financial interest June 28, 2004, signed and sealed by Warren W. Schaefer, P.E.
"Submitted under NOA# 04-0804.01"



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

NOA No 04-1001.03

Expiration Date: September 16, 2009

Approval Date: November 25, 2004

C.P. Loewen Enterprises

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. Letter from C.P. Loewen, Enterprises, dated July 19, 2004, designating Warren Schaefer of W.W. Schaefer Engineering & Consulting, as the contact person for this file.
“Submitted under NOA# 04-0804.01”

G. OTHER

1. Letter from the consultant stating that the product is in compliance with the Florida Building Code (FBC).
2. Notice of Acceptance No. **04-0804.01** issued to C.P. Loewen Enterprises, for their Aluminum Clad Wood Impact Single Hung Window, approved on 09/16/2004 and expiring on 09/16/2009.

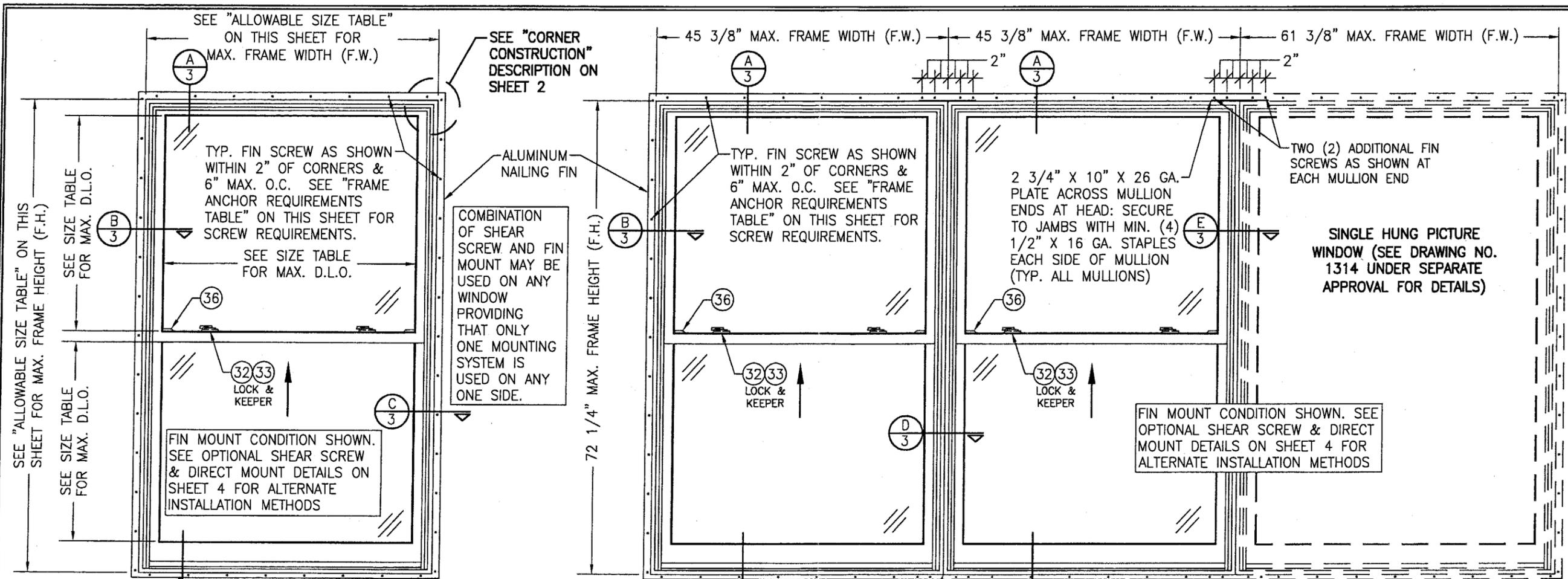


Hermindo F. Gonzalez, P.E.
Director, Building Code Compliance Office

NOA No 04-1001.03

Expiration Date: September 16, 2009

Approval Date: November 25, 2004



**EXTERIOR ELEVATION
SINGLE HUNG WINDOW**
SCALE: 3/4"=1'-0"

**EXTERIOR ELEVATION
MULTIPLE OPERABLE/FIXABLE WINDOW UNIT**
SCALE: 3/4"=1'-0"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 04-1001.03
Expiration Date 09/16/09
By: [Signature]
Missile Code Product Control
Division

PLACE 1/2" X 1" CORRUGATED
FASTENERS AT EACH MULLION END
TO JOIN JAMBS (4 EA. END)

NOTE: SEE SINGLE WINDOW ELEVATION FOR DETAIL NOT SHOWN
UP TO 4 WINDOWS CONSISTING OF ANY COMBINATION OF FIXED
OR OPERABLE MAY BE PLACED IN ONE OPENING PROVIDING
THE OPENING IS DESIGNED TO SUPPORT THE WINDOWS.

MAXIMUM FRAME HEIGHT (IN.)	MAXIMUM FRAME WIDTH (IN.)	MAXIMUM VERTICAL D.L.O.'S (IN.)	MAXIMUM HORIZONTAL D.L.O.'S (IN.)
72 1/4"	45 3/8"	31 5/8"	39"
76 1/4"	42 3/8"	33 5/8"	36"
80 1/4"	40 3/8"	35 5/8"	34"

+/-70 PSF
ALL SINGLE AND MULLED UNITS

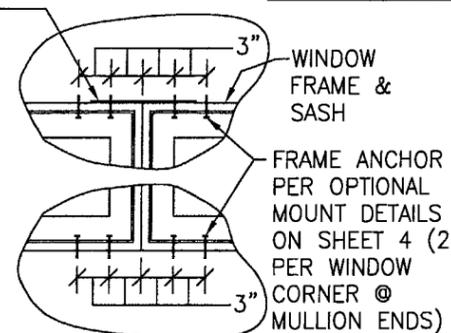
FIN SCREWS			
OPENING TYPE (SUBSTRATE)	JAMB TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
2X_ WOOD FRAME OR BUCK	NO. 8 X 1 1/2" SMS SCREWS	1 3/8"	1/2"
SHEAR SCREWS			
2X_ WOOD FRAME OR BUCK	NO. 10 SMS SCREW	1 1/4"	3/4"
CMU/CONCRETE	(1) 3/16" CONCRETE SCREW	1 1/4"	2"

(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.).

* ANCHOR NOTE: FRAME MAY BE EITHER DIRECT MOUNTED TO THE OPENING, MOUNTED ONTO A CONTINUOUS WOOD SPACER, OR ANCHORED TO A MIN. 2x4 NO. 2 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.

2 3/4" X 10" X 26 GA. PLATE
ACROSS MULLION END AT HEAD:
SECURE TO JAMBS WITH MIN. (4)
1/2" X 16 GA. STAPLES EACH
SIDE OF MULLION (TYP. ALL
MULLIONS)

WINDOW WIDTH	NUMBER OF LOCKS
LESS THAN 33"	1
33" & OVER	2

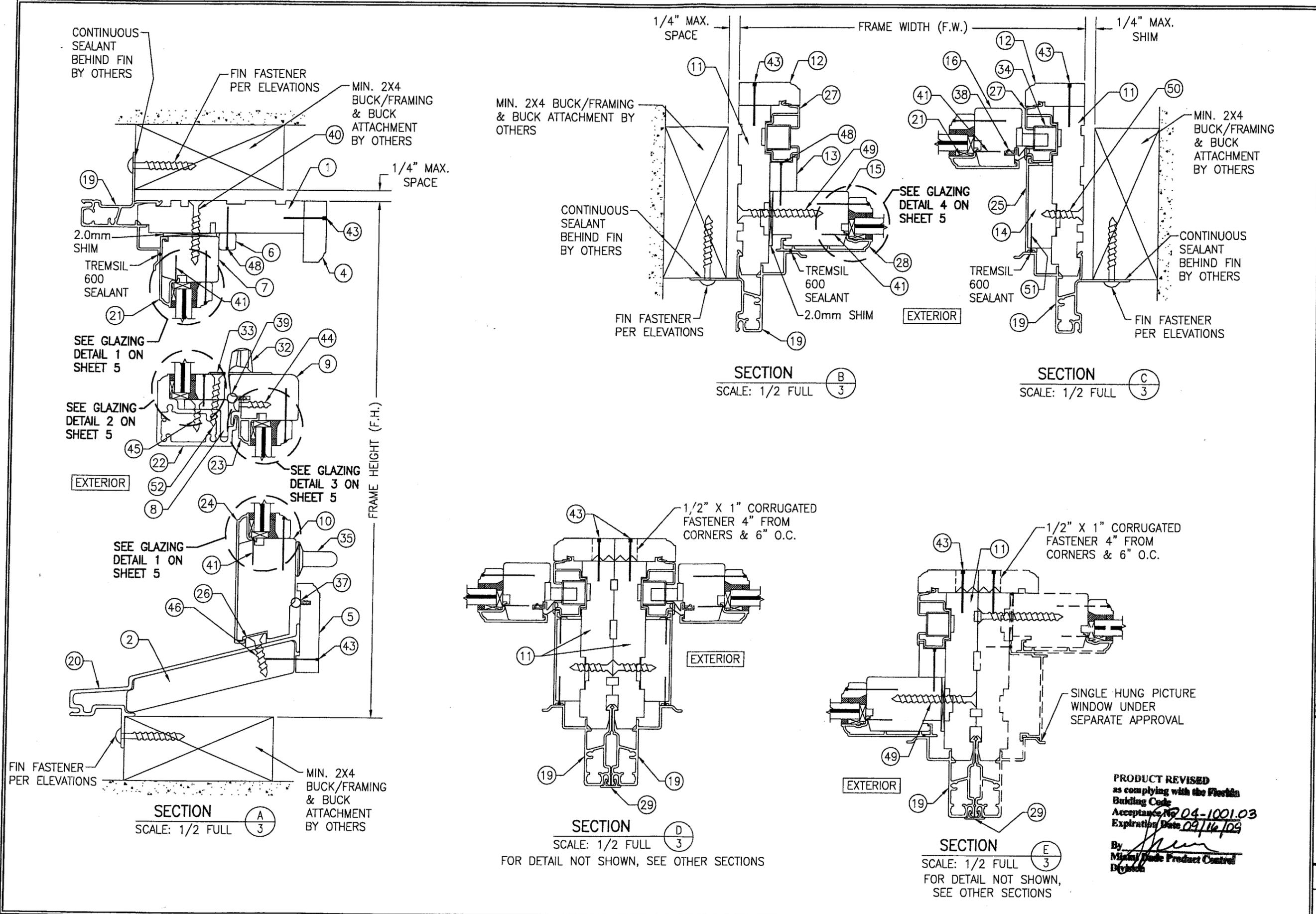


**TYP. VERTICAL MULLION END DETAIL
WHEN SHEAR SCREW OR DIRECT
MOUNT CONDITION EXISTS**

GENERAL NOTES

- THESE WINDOW SYSTEMS HAVE BEEN TESTED, ANALYZED AND APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE" TABLE.
- BUCKING, OPENINGS & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
- ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & MAY NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS.
- THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH ASTM E1996 & FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT WINDOWS.
- THESE WINDOW SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE (FBC) FOR HIGH VELOCITY HURRICANE ZONES (HVHZ).
- IMPACT SHUTTERS ARE NOT REQUIRED WITH THESE WINDOWS.
- ALL ANCHORS SHALL BE INSTALLED AS SPECIFIED ON THESE DRAWINGS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=16	DATE: 06/21/04
NO.	REVISION DESCRIPTION
DATE	BY
ALUMINUM CLAD WOOD IMPACT SINGLE HUNG WINDOW MANUFACTURER C.P. LOEWEN ENTERPRISES C.P. LOEWEN ENTERPRISES 77 P.T.H 52 WEST, BOX 2260 STEINBACH, MB CANADA R5G 1B2 204-326-6446	
DRAWING TITLE ALUMINUM CLAD WOOD IMPACT SINGLE HUNG WINDOW	
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 JUL 20 2004 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1300	REV.
SHEET NO. 1 OF 6	

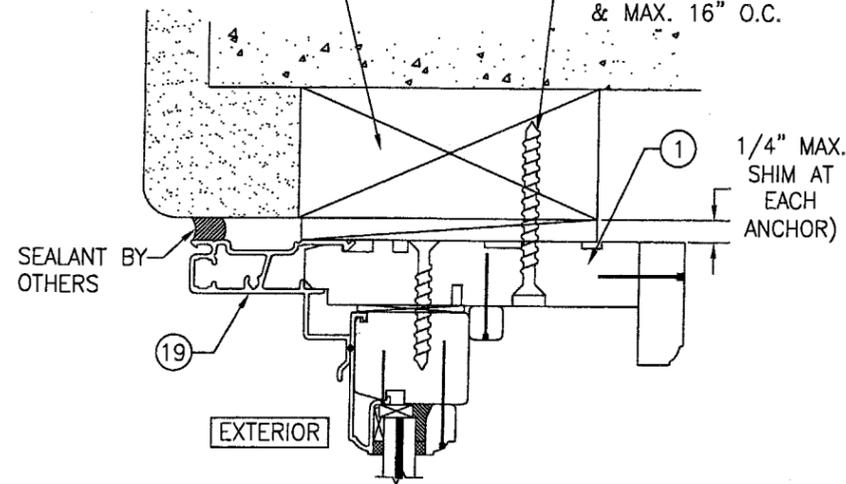


DRAWN BY: K.P.S.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 06/21/04	
NO.	REVISION	DESCRIPTION	DATE
DRAWING TITLE ALUMINUM CLAD WOOD IMPACT SINGLE HUNG WINDOW			
MANUFACTURER C.P. LOEWEN ENTERPRISES 77 P.T.H. 52 WEST, BOX 2260 STEINBACH, MB CANADA R5G 1B2 204-326-6446			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903			
CERTIFICATION JUL 20 2004 As complying with the Florida Building Code Acceptance No. 04-1001.03 Expiration Date 09/16/09 By <i>[Signature]</i> Miami Dade Product Control Division WARREN W. SCHAEFER, P.E. P.E. NO. 44133			
DRAWING NO. 1300		REV. 	
SHEET NO. 3 OF 6			

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. **04-1001.03**
Expiration Date **09/16/09**
By *[Signature]*
Miami Dade Product Control Division

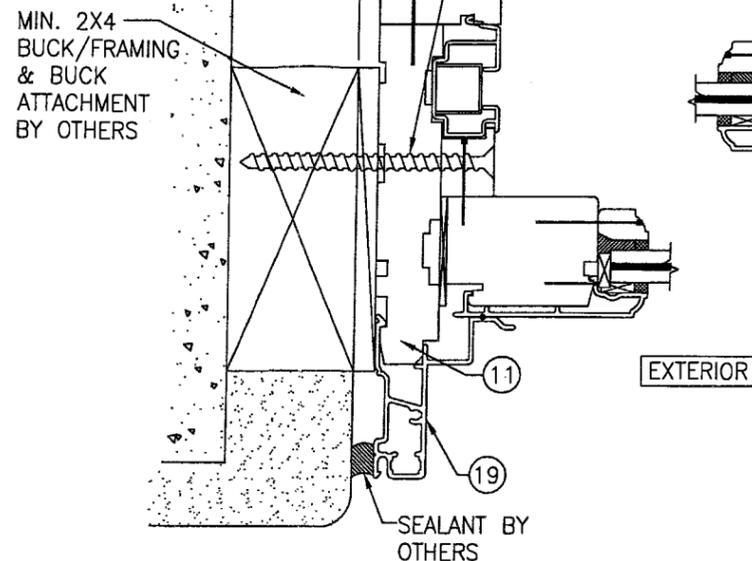
MIN. 2X4 BUCK/FRAMING & BUCK ATTACHMENT BY OTHERS

NO. 10 FRAME ANCHOR (PER ANCHOR REQUIREMENTS TABLE ON SHEET 1) WITHIN 6" OF FRAME CORNERS & MAX. 16" O.C.



1/4" MAX. SHIM AT EACH ANCHOR

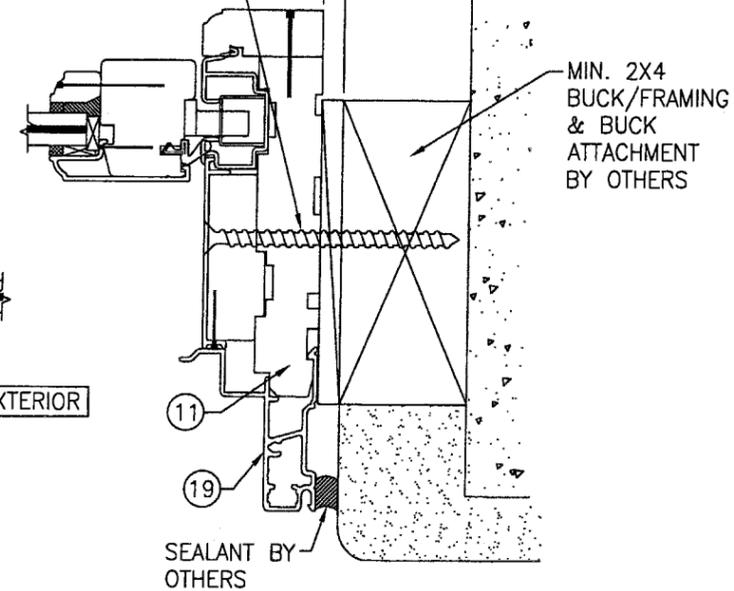
NO. 10 FRAME ANCHOR (PER ANCHOR REQUIREMENTS TABLE ON SHEET 1) WITHIN 6" OF FRAME CORNERS & CHECK RAIL ENDS AND MAX. 16" O.C.



OPTIONAL UPPER SIDE SHEAR SCREW MOUNT DETAIL
FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS

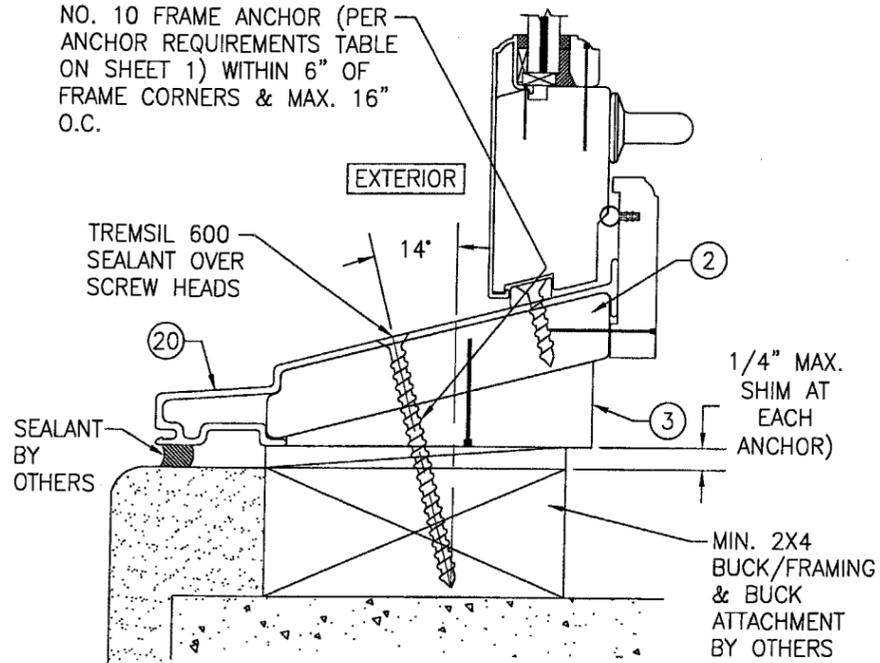
1/4" MAX. SHIM

MIN. 2X4 BUCK/FRAMING & BUCK ATTACHMENT BY OTHERS



OPTIONAL LOWER SIDE SHEAR SCREW MOUNT DETAIL
FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS

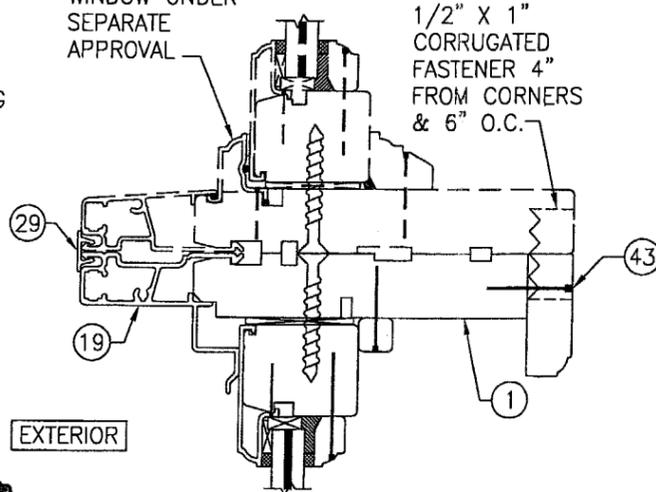
NO. 10 FRAME ANCHOR (PER ANCHOR REQUIREMENTS TABLE ON SHEET 1) WITHIN 6" OF FRAME CORNERS & MAX. 16" O.C.



OPTIONAL SILL SHEAR SCREW MOUNT DETAIL
FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS

TRANSOM WINDOW UNDER SEPARATE APPROVAL

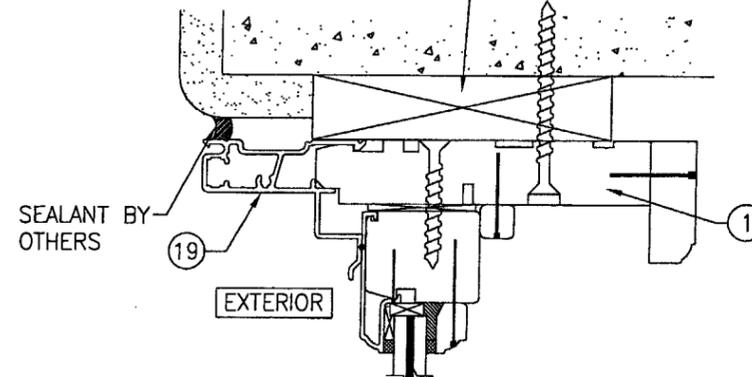
1/2" X 1" CORRUGATED FASTENER 4" FROM CORNERS & 6" O.C.



SECTION H
SCALE: 1/2 FULL
FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS

CONTINUOUS WOOD MEMBER LESS IN SIZE THAN A 2x BUCK (NOT REQUIRED WHEN SPACE IS 1/4" OR LESS & MIN. 2" WIDE SHIMS ARE PLACED AT EACH ANCHOR)

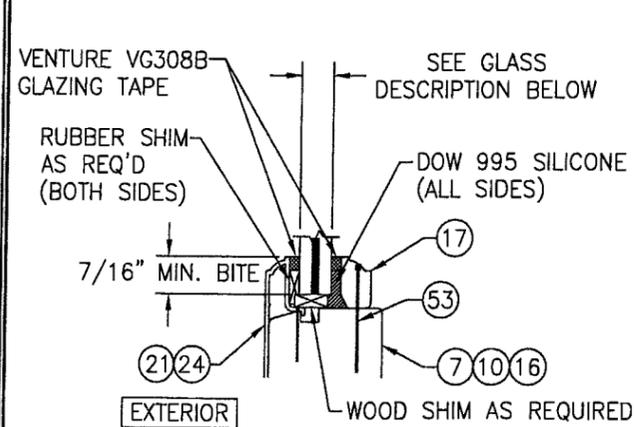
3/16" CONCRETE SCREW (PER ANCHOR REQUIREMENTS TABLE ON SHEET 1). POSITION SAME AS SPECIFIED WITH "SHEAR SCREW MOUNT DETAILS."



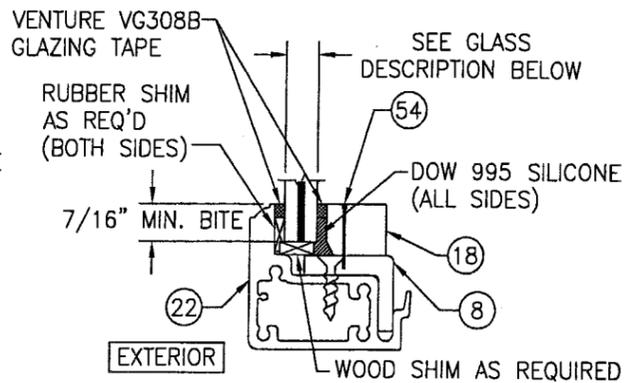
OPTIONAL DIRECT MOUNT DETAIL
FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS (HEAD SECTION SHOWN, SIDE AND SILL SIMILAR)

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 01-1001.03
Expiration Date 02/16/09
By *[Signature]*
Miami Trade Product Control Division

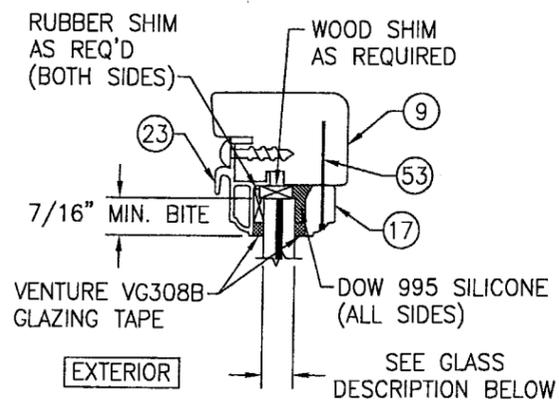
DRAWN BY: K.P.S.		CHECKED BY: W.W.S.	
PLOT: 1-2		DATE: 06/21/04	
NO.	REVISION DESCRIPTION	DATE	BY
DRAWING TITLE			
ALUMINUM CLAD WOOD IMPACT SINGLE HUNG WINDOW			
CONSULTANTS			
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.			
8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903			
MANUFACTURER			
C.P. LOEMEN ENTERPRISES 77 P.T.H 52 WEST, BOX 2260 STEINBACH, MB CANADA R5G 1B2 204-326-6446			
CERTIFICATION			
JUL 20 2004			
WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO.		REV.	
1300			
SHEET NO.			
4 OF 6			



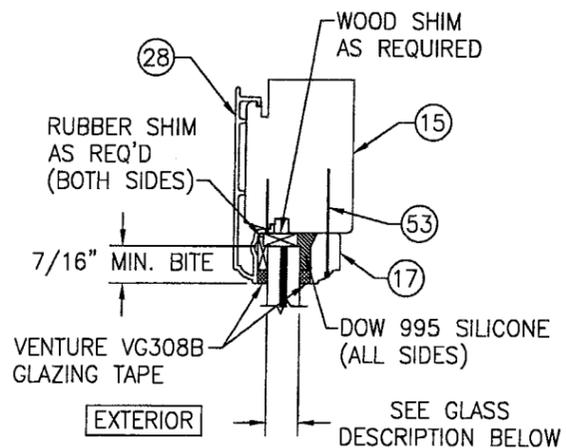
GLAZING DETAIL 1
SCALE: 1/2 FULL



GLAZING DETAIL 2
SCALE: 1/2 FULL

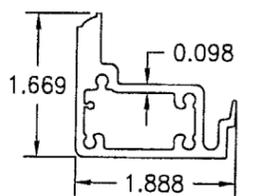


GLAZING DETAIL 3
SCALE: 1/2 FULL

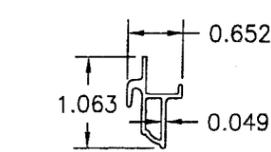


GLAZING DETAIL 4
SCALE: 1/2 FULL

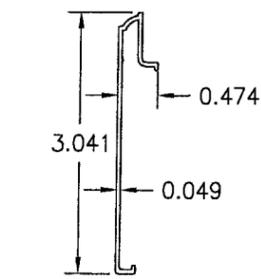
GLASS DESCRIPTION
3/8" SENTRY GLASS PLUS ANNEALED LAMINATED GLASS
(5/32" AN/0.09" SGP/5/32" AN)



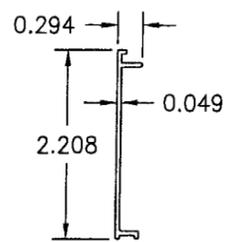
22 FIXED SASH MEETING RAIL



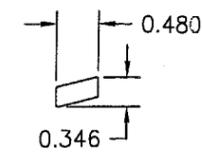
23 OPERABLE MEETING RAIL CLADDING



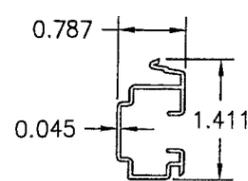
24 BOTTOM RAIL CLADDING



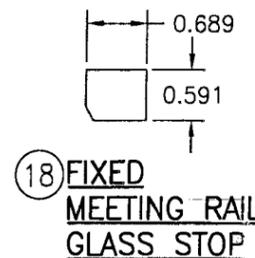
25 JAMB EXPANDER CLADDING



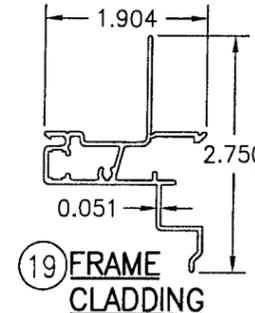
26 SILL BLOCK



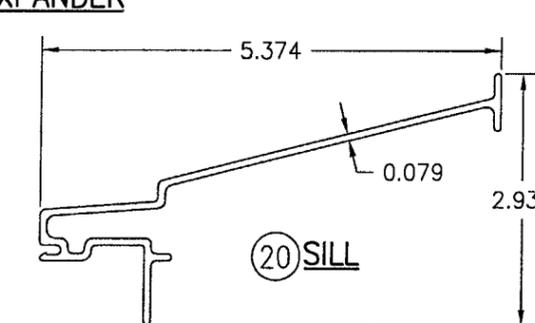
27 JAMB LINER



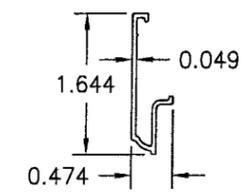
18 FIXED MEETING RAIL GLASS STOP



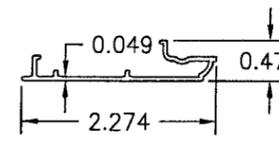
19 FRAME CLADDING



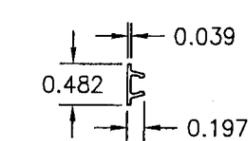
20 SILL



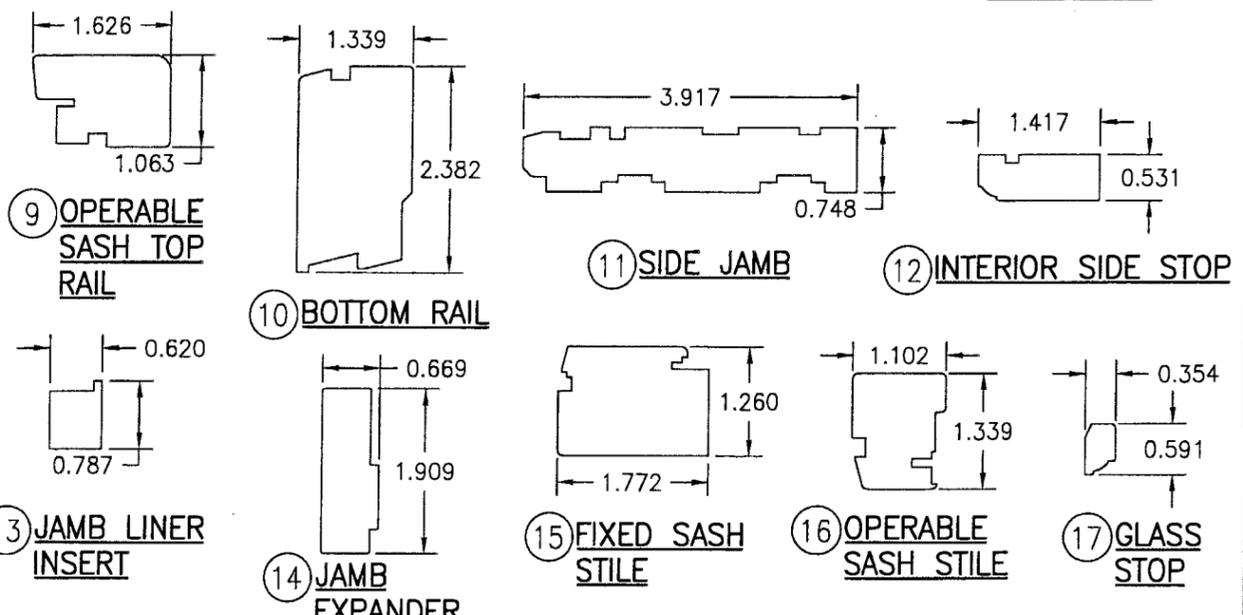
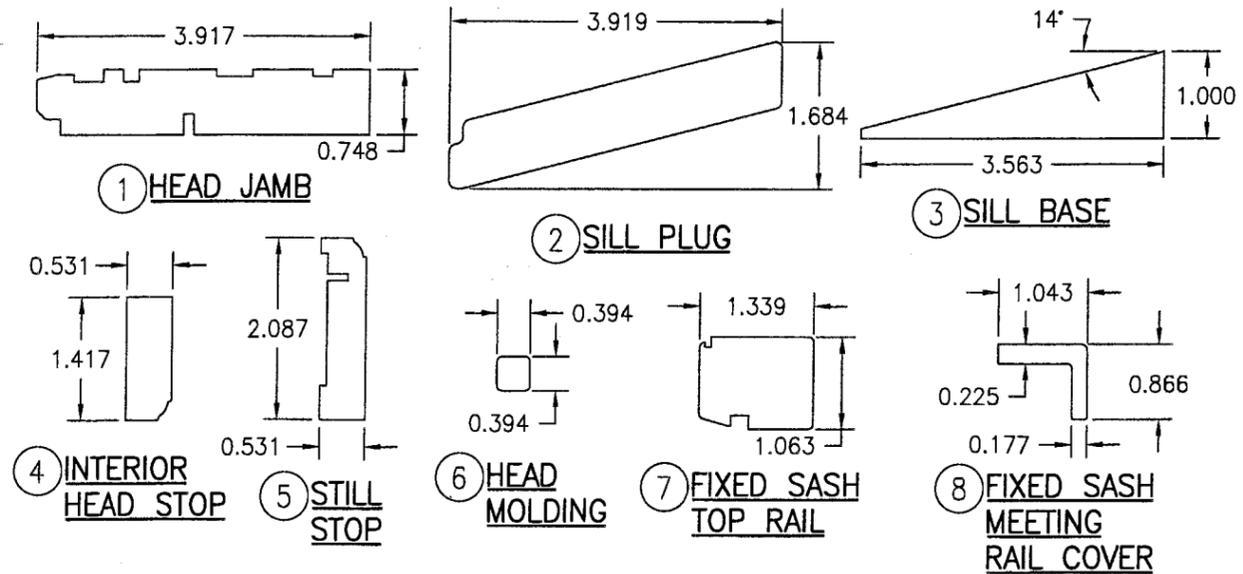
21 RAIL & STILE CLADDING



28 FIXED SASH STILE CLADDING



29 EXTERIOR MULLION COVER



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 04-1001.03
Expiration Date 09/16/09
By *[Signature]*
Mighty Dade Product Control
Division

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 06/21/04
NO.	REVISION DESCRIPTION
DATE	BY
DRAWING TITLE ALUMINUM CLAD WOOD IMPACT SINGLE HUNG WINDOW	
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 JUL 20 2004 <i>[Signature]</i> WARREN W. SCHAEFER, P.E. P.E. NO. 44135	DRAWING NO. 1300
	REV. 5
	SHEET NO. OF 6

ITEM #	PART #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS			
1	2312	HEAD JAMB	* WOOD
2	2320	SILL PLUG	* WOOD
3	23105	SILL BASE	* WOOD (REQ'D W/SHEAR SCREW MOUNT CONDITION ONLY)
4	2318	INTERIOR HEAD STOP	* WOOD
5	2369	SILL STOP	* WOOD
6	2325	HEAD MOLDING	* WOOD
7	2303	FIXED SASH TOP RAIL	* WOOD
8	2347	FIXED SASH MEETING RAIL COVER	* WOOD
9	2354	OPERABLE SASH TOP RAIL	* WOOD
10	2356	BOTTOM RAIL	* WOOD
11	2313	SIDE JAMB	* WOOD
12	2399	INTERIOR SIDE STOP	* WOOD
13	2349	JAMB LINER INSERT	* WOOD
14	2346	JAMB EXPANDER	* WOOD
15	2348	FIXED SASH STILE	* WOOD
16	2357	OPERABLE SASH STILE	* WOOD
17	2327	GLASS STOP	* WOOD
18	2353	FIXED MEETING RAIL GLASS STOP	* WOOD
19	-	FRAME CLADDING	APEL #695244 - 6060-T5 ALUM.
20	-	SILL	OMNIGLASS #4500 - FIBERGLASS
21	-	RAIL & STILE CLADDING	APEL #637754 - 6060-T5 ALUM.
22	-	FIXED SASH MEETING RAIL	APEL #695374 - 6063-T54 ALUM.
23	-	OPERABLE MEETING RAIL CLADDING	APEL #695375 - 6060-T5 ALUM.
24	-	BOTTOM RAIL CLADDING	APEL #637757 - 6060-T5 ALUM.
25	-	JAMB EXPANDER CLADDING	APEL #637862 - 6060-T5 ALUM.
26	-	SILL BLOCK	APEL #612549 - 6060-T5 ALUM.
27	-	JAMB LINER	SPARTECH #R-2814 - VINYL
28	-	FIXED SASH STILE CLADDING	APEL #637622 - 6060-T5 ALUM.
29	-	EXTERIOR MULLION COVER	APEL #626550 - 6060-T5 ALUM.
HARDWARE			
32	-	CAM LOCK	TRUTH #17.78
33	-	LOCK KEEPER	TRUTH #40911
34	-	BALANCE	DAKOTA BALANCE #32 DS
35	-	HANDLE	AS REQUIRED TO OPERATE WINDOW
36	-	TILT LATCH	ASHLAND #LH89506, RH89606
SEALS AND SEALANTS			
37	-	BUBBLE WEATHERSTRIP	INTEK #30172A
38	-	WEATHERSTRIP	SCHLEGEL #PR 0622
39	-	CHECK RAIL BUBBLE WEATHERSTRIP	SSI #CAP-425
MISC. FASTENERS			
40	-	NO. 8 X 1 1/2" SCREW	4" FROM CORNERS & 8" O.C.
41	-	5/8" BRAD NAIL	WITHIN 1/2" FROM ENDS & 6" O.C.
43	-	15 GA. X 1 1/4" NAIL	1" FROM CORNERS & 6" O.C.
44	-	NO. 5 X 1" P.H. SCREW	1" FROM ENDS & 8" O.C.
45	-	NO. 6 X 3/4" P.H. SCREW	2" FROM ENDS & AT MIDSPAN

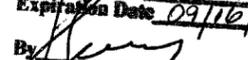
* WOOD USED WITH TEST UNITS WAS GRADE 2 NORTHERN DOUGLAS FIR. ALTERNATE WOOD SPECIES TO BE APPLICABLE WITH THESE WINDOWS IS MIN. GRADE 2 MAHOGANY, OAK, CHERRY, MAPLE & CYPRUS.
 NOTE: ALL WOOD IS RECEIVED BY LOEWEN WINDOWS AS GRADE 2, BUT IS MACHINED BY LOEWEN TO A SELECT GRADE USE.

ITEM #	PART #	ITEM DESCRIPTION	MANUFACTURER/NOTES
MISC. FASTENERS			
46	-	NO. 8 X 1" SCREW	12" O.C.
47	-	1 1/4" NAIL	1 1/2" FROM ENDS & 8" O.C.
48	-	1" BRAD NAIL	2" FROM ENDS & 6" O.C.
49	-	NO. 8 X 2" SCREW	4" FROM CORNERS & 8" O.C.
50	-	NO. 8 X 1" SCREW	4" FROM CORNERS & 6" O.C.
51	-	5/8" BRAD NAIL	THRU EXPANDER CLAD AT 6" O.C.
52	-	NO. 6 X 1 1/4" SCREW	2 PER LOCK KEEPER
53	-	16 GA. X 1 1/4" FINISH NAIL	2" FROM CORNERS & 6" O.C.
54	-	16 GA. X 3/4" FINISH NAIL	2" FROM CORNERS & 6" O.C.

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1-2	DATE: 06/21/04
DATE	
BY	
REVISION DESCRIPTION	
NO.	

DRAWING TITLE	ALUMINUM CLAD WOOD IMPACT SINGLE HUNG WINDOW
	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. 8885 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903

CERTIFICATION	JUL 20 2004
By: 	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO.	REV.
1300	
SHEET NO.	
6	OF 6

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 04-1001-03
 Expiration Date 09/16/09
 By: 
 Miami Dade Product Control
 Division