



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) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buildingcode

Luxbau, LLC
2400 Centrepark West Dr.
Suite # 150
West Palm Beach, FL 33409

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: Series "Lüxbaum Windows & Doors Single" Wood Casement Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. 1189, titled "Luxbaum Windows & Doors Wooden Single Casement Window System", sheets 1 through 4 of 4, dated 12/10/02 with revision B1 dated 04/20/09, prepared by W.W. Schaefer Engineering & Consulting, 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 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 revises NOA # 08-0206.10 and consists of this page 1 and evidence pages E-1 and E-2 as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime Gascon, P.E.**



J. Gascon
 6/9/09

NOA No. 09-0422.07
 Expiration Date: May 29, 2013
 Approval Date: July 1, 2009
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **1189**, Sheets 1 through 4 of 4, titled "Luxbau Windows & Doors Wooden Single Casement Window System", dated 12/10/02 with revision B1 dated 04/20/09, prepared by W.W. Schaefer Engineering & Consulting, 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, TAS 202-94

Along with marked-up drawings and installation diagram of wooden slim European door system, prepared by Hurricane Test Laboratory, Test Report No. **HTL-0271-0406-05**, dated 05/25/05 signed and sealed by Vinu J. Abraham, 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, TAS 202-94

Along with marked-up drawings and installation diagram of a wood casement window, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL 0271-1204-02** dated 1/29/2003, signed and sealed by Vinu J. Abraham, P.E.
"Submitted under NOA# 08-0206.10"

3. Test reports on:
 - 1) Large Missile Impact Test per FBC, TAS 201-94
 - 2) Cyclic Wind Pressure Loading per FBC, TAS 203-94

Along with marked-up drawings and installation diagram of a wood casement window, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL 0271-0836-02** dated 08/28/1002, signed and sealed by Vinu J. Abraham, P.E.
Submitted under NOA# 08-0206.10"



Jaime Gascon, P.E.

Product Control Examiner

NOA No. 09-0422.07

Expiration Date: May 29, 2013

Approval Date: July 1, 2009

Lüxbau, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS (Continued)

4. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
Along with marked-up drawings and installation diagram of a wood casement window, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL 0271-0717-02** dated 07/24/1002, signed and sealed by Vinu J. Abraham, P.E.
“Submitted under NOA# 08-0206.10”

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 01/14/2002 with the latest revision, dated 02/26/2008, signed and sealed by Warren Schaefer, P.E.
Complies with ASTM E1300-04

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **09-0312.03** issued to E.I. DuPont DeNemours & Co., Inc. for their **“DuPont Sentry Glass® Interlayer”** dated 05/13/09, expiring on 01/14/12.

F. STATEMENTS

1. Statement letter of conformance, dated February 26, 2008, signed and sealed by Warren W. Schaefer, P.E.
2. Addendum letter for Test Report no. **HTL- 0271-0406-05**, issued by Hurricane Test Laboratory, Inc., dated December 6, 2006, signed by Vinu J. Abraham, P.E.
3. Laboratory compliance letter for Test Report no. **HTL-0271-0717-02, 0271-0836-02 and 0271-1204-02**, issued by Hurricane Test Laboratory, Inc., dated February 28, 2003, signed and sealed by Vinu J. Abraham, P.E.

G. OTHERS

1. Notice of Acceptance No. **08-0206.10**, issued to Luxbau, LLC. for their **Series “Lüxbaum Windows & Doors Single” Wood Casement Window – L.M.I.** approved on 05/08/08 and expiring on 05/29/13.



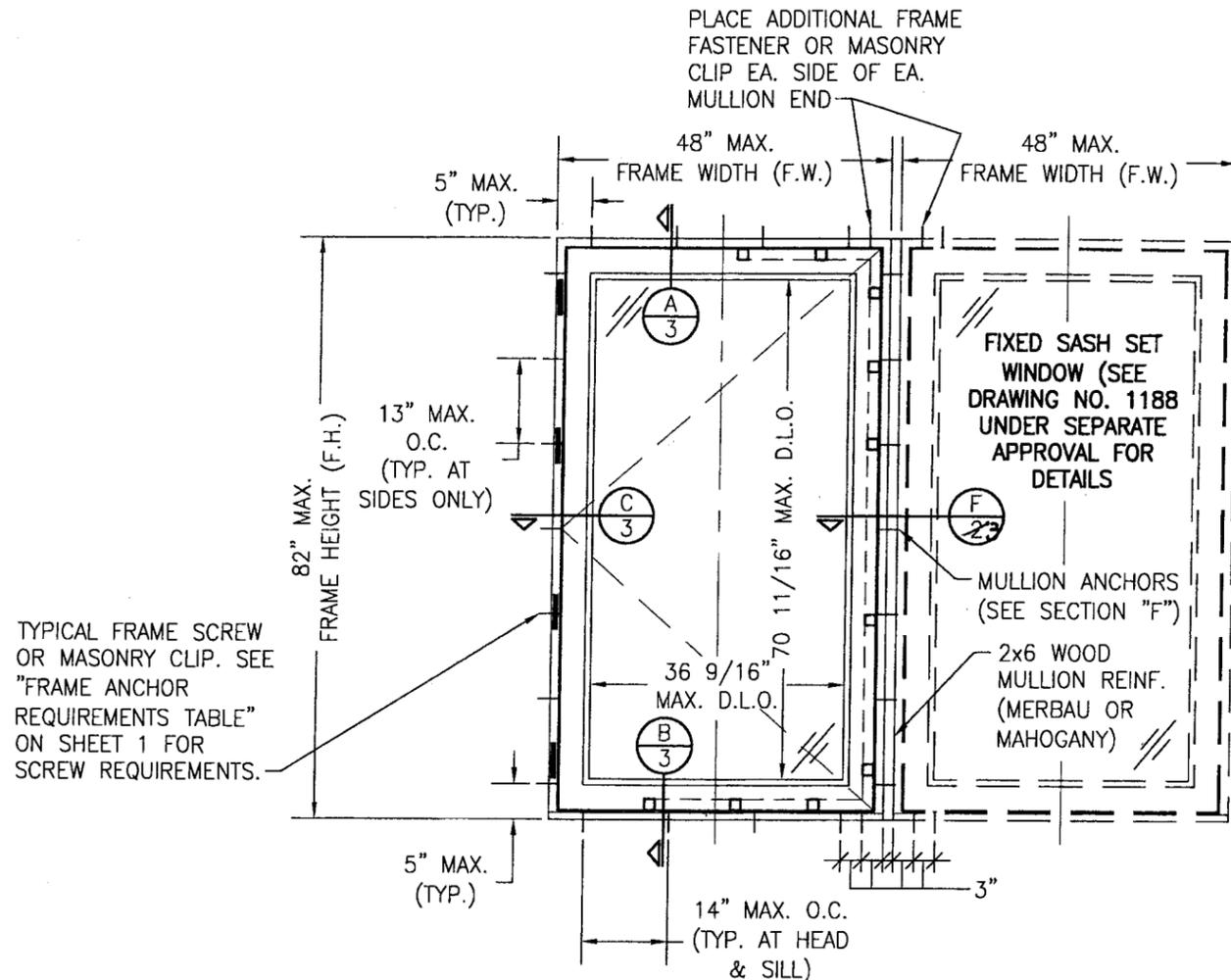
Jaime Gascon, P.E.

Product Control Examiner

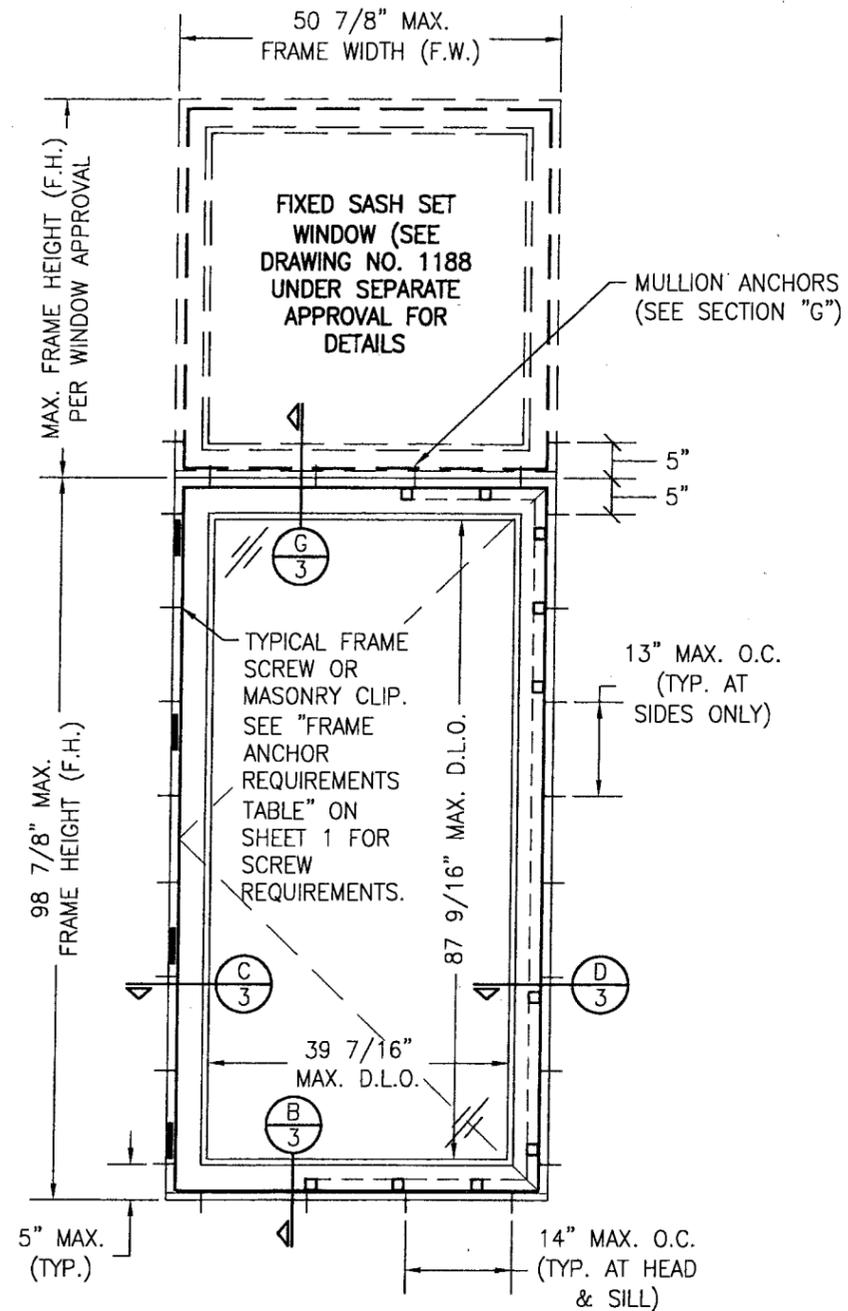
NOA No. 09-0422.07

Expiration Date: May 29, 2013

Approval Date: July 1, 2009



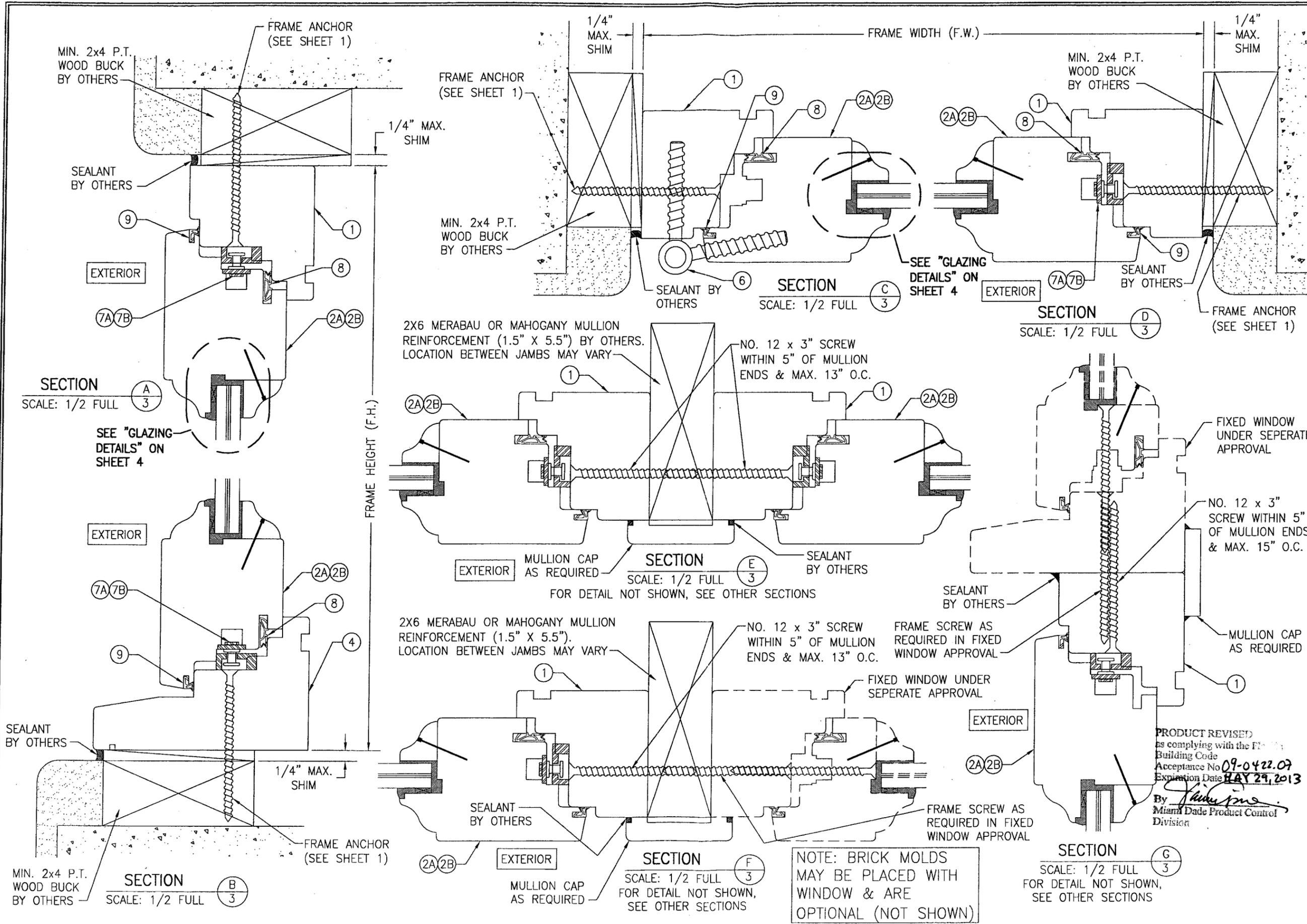
**EXTERIOR ELEVATION
MULTIPLE OPERABLE/FIXED WINDOW UNIT**
(MAX. FOUR UNITS MAY BE COMBINED WITH
ANY COMBINATION OF FIXED & OPERABLE)
SEE SINGLE WINDOW ELEVATION FOR DETAIL NOT SHOWN
SCALE: 1/2"=1'-0"



**EXTERIOR ELEVATION
CASEMENT WINDOW WITH TRANSOM**
SEE SINGLE WINDOW ELEVATION FOR DETAIL NOT SHOWN
SCALE: 1/2"=1'-0"

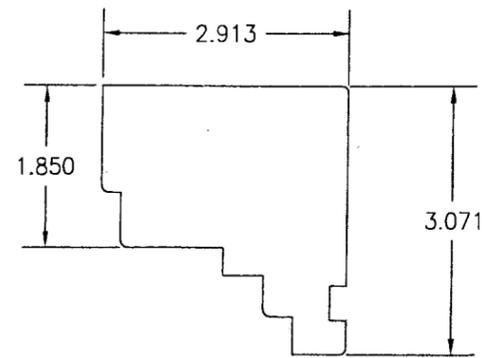
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **09-0422.07**
Expiration Date **MAY 29, 2013**
By *[Signature]*
Miami Dade Product Control
Division

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=24	DATE: 12/10/02
NO.	REVISION DESCRIPTION
BY	DATE
DRAWING TITLE LUXBAUM WINDOWS & DOORS WOODEN SINGLE CASEMENT WINDOW SYSTEM	
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 LUXBAU, LLC 2400 CENTERPARK WEST DRIVE, SUITE 150 WEST PALM BEACH, FL 33409 561-684-1500
CERTIFICATION APR 10 2009	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1189	REV. B
SHEET NO. 2 OF 4	

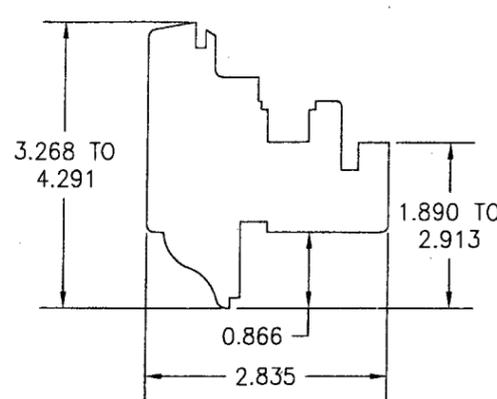


DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 12/10/02
NO.	REVISION DESCRIPTION
DATE	BY
DRAWING TITLE: LUXBAUM WINDOWS & DOORS WOODEN SINGLE CASEMENT WINDOW SYSTEM MANUFACTURER: LUXBAUM, LLC 2400 CENTERPARK WEST DRIVE, SUITE 150 WEST PALM BEACH, FL 33409 561-684-1500	
CONSULTANTS: W. W. SCHAEFER 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. 09-0422.07 Expiration Date MAY 29, 2013 By: <i>[Signature]</i> Miami Dade Product Control Division	
CERTIFICATION	APR 19 2009
DRAWING NO.	REV.
1189	B
SHEET NO.	
3 OF 4	

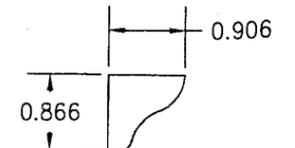
NOTE: BRICK MOLDS MAY BE PLACED WITH WINDOW & ARE OPTIONAL (NOT SHOWN)



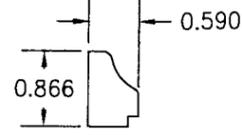
① HEAD & SIDE JAMB



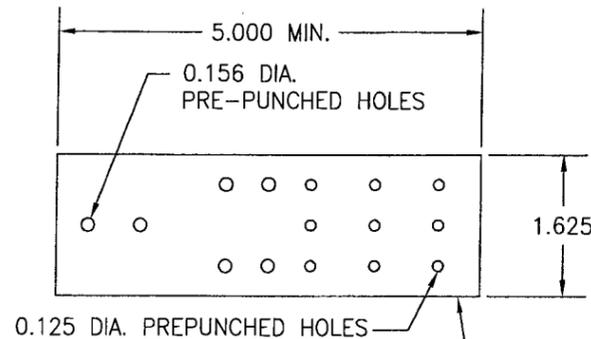
②A ②B LARGE SASH & SMALL SASH



③A NON-I.G. GLAZING BEAD

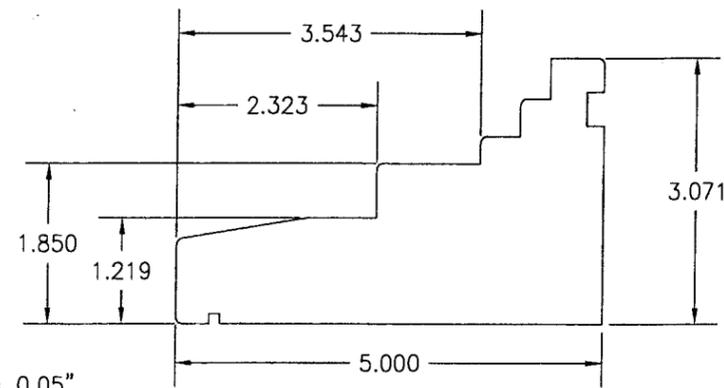


③B I.G. GLAZING BEAD



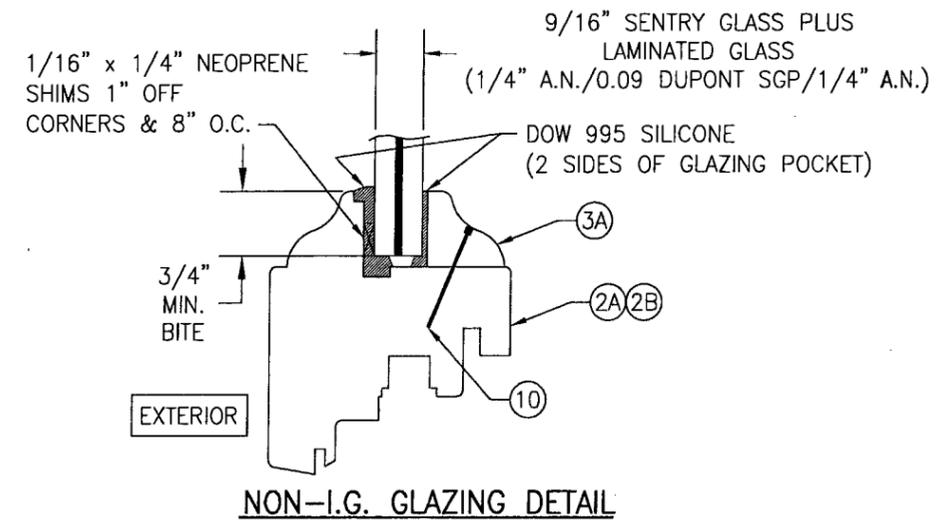
⑤ MASONRY CLIP

PRE-PUNCHED HOLES ARE ADDED FOR CLIPS LONGER THAN 5"

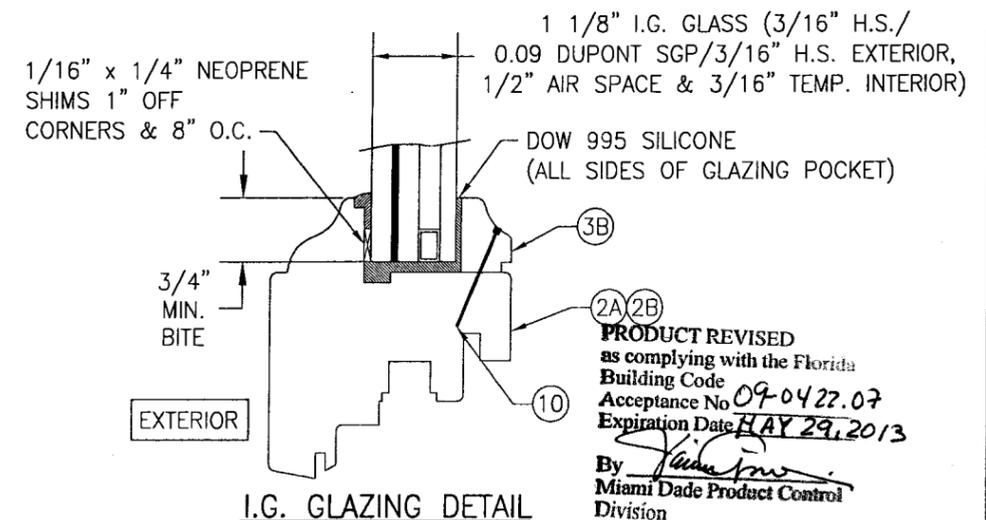


④ SILL JAMB

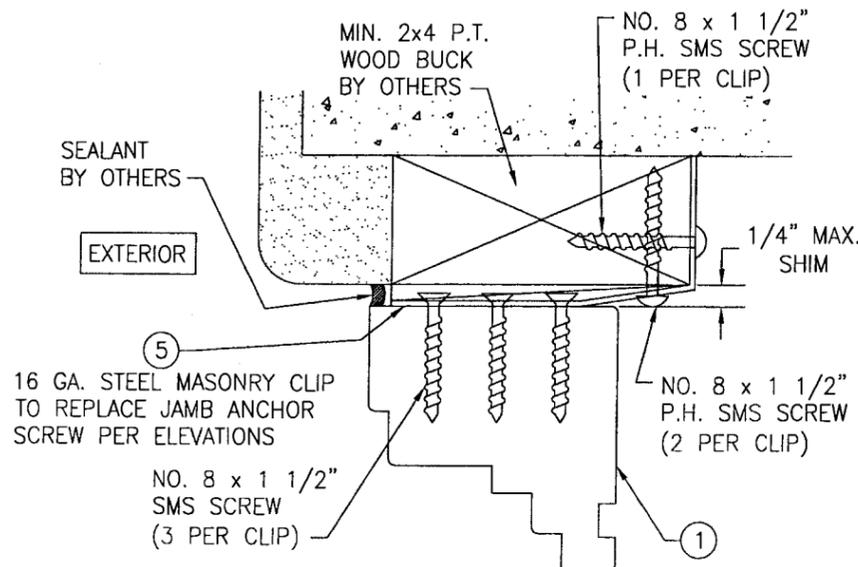
ITEM #	PART	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS			
1	7478	FRAME HEAD & SIDE JAMB	MIN. GR. 2 MERBAU OR MAHOGANY
2A	72109	LARGE SASH	MIN. GR. 2 MERBAU OR MAHOGANY
2B	7283	SMALL SASH	MIN. GR. 2 MERBAU OR MAHOGANY
3A	2223	NON-I.G. GLAZING BEAD	MIN. GR. 2 MERBAU OR MAHOGANY
3B	1522	I.G. GLAZING BEAD	MIN. GR. 2 MERBAU OR MAHOGANY
4	78127	SILL JAMB	MIN. GR. 2 MERBAU OR MAHOGANY
5	-	1 5/8" WIDE x 0.05" THK. x MIN. 5" LONG MASONRY CLIP	ASTM A653 MIN. 33 KSI GALV. STEEL
6	5020-SM	HINGE	G-U HARDWARE
7A	3/45M5	MULTI-POINT LOCK SET	SIEGENIA NO. 3/45M5
7B	6-25474-35-0-3	MULTI-POINT LOCK SET	G-U HARDWARE HWC-35
SEALS AND SEALANTS			
8	SV-12/ACF-6950	COMPRESSION SEAL	DEVENTER/G-U
9	SV-33/ACF-4527	COMPRESSION SEAL	DEVENTER/G-U
MISCELLANEOUS FASTENERS			
10	-	1/4" x 1 1/4" BRAD NAIL	2" FROM CORNERS & 4" O.C.



NON-I.G. GLAZING DETAIL

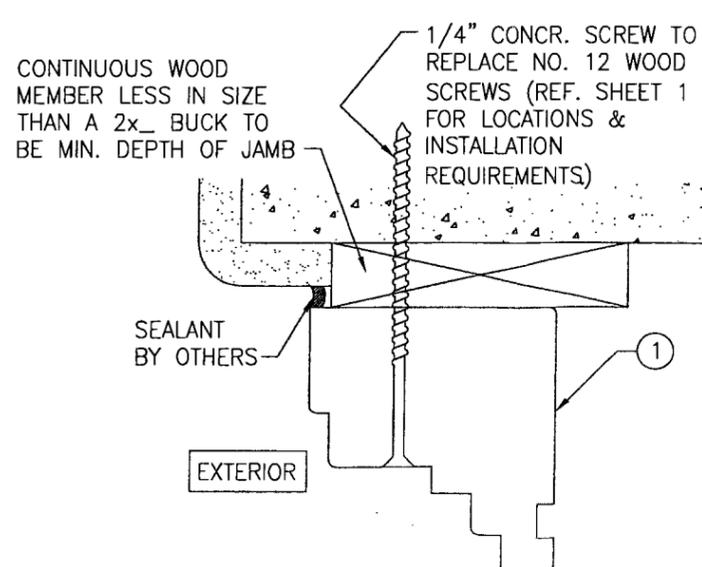


I.G. GLAZING DETAIL



OPTIONAL MASONRY CLIP MOUNT DETAIL

FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS (HEAD SECTION SHOWN, SIDES AND SILL SIMILAR)



OPTIONAL DIRECT MOUNT DETAIL

FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS (HEAD SECTION SHOWN, SIDES AND SILL SIMILAR)

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 12/10/02
NO.	REVISION DESCRIPTION
DATE	BY
DRAWING TITLE: LUXBAUM WINDOWS & DOORS WOODEN SINGLE CASEMENT WINDOW SYSTEM	
MANUFACTURER: LUXBAU, LLC	
2400 CENTERPARK WEST DRIVE, SUITE 150 WEST PALM BEACH, FL 33409	
561-684-1500	
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: APR 19 2009	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1189	REV. B
SHEET NO. 4 OF 4	

PRODUCT REVISED as complying with the Florida Building Code Acceptance No 09-0422.07 Expiration Date MAY 29, 2013

By *[Signature]*
Miami Dade Product Control Division