



**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)

**Zeluck, Inc.
202 Phipps Plaza
Palm Beach, FL 33480**

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Mahogany Wood Fixed Window - Impact

APPROVAL DOCUMENT: Drawing No. **W99-27**, titled "Wood Mahogany Fixed Window", sheets 1 through 3 of 3, prepared by Al Farooq Corporation, dated 03/31/99 with revision on 11/8/02, signed and sealed by Humayoun Farooq, 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 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 **renews NOA # 99-0830.05** and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Candido F. Font, P.E.**



**NOA No 02-1118.06
Expiration Date: November 18, 2007
Approval Date: March 20, 2003
Page 1**

Zeluck, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED
(For File ONLY. Not part of NOA)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W99-27**, titled "Wood Mahogany Fixed Window", sheets 1 through 3 of 3, prepared by Al Farooq Corporation, dated 03/31/99 with revision on 11/8/02, signed and sealed by Humayoun Farooq, P.E.

B. TESTS

1. Test reports on:
 - 1) Air Infiltration Test, per PA 202-94
 - 2) Uniform Static Air Pressure Test, Loading per PA 202-94.
 - 3) Water Resistance Test, per PA 202-94.
 - 4) Large Missile Impact Test per SFBC, PA 201-94
 - 5) Cyclic Wind Pressure Loading per SFBC, PA 203-94along with assembly drawing of a wood fixed window prepared by Architectural Testing, Inc., test report No. **01-31644.01**, dated 10/15/98 with modification No. ATI98010, signed and sealed by A. N. Reeves, P.E

C. CALCULATIONS

1. Anchor, Glass & Comparative Analysis Calculations prepared by Al-Farooq Corporation, project # 99-052 sheets 1 to 12 of 12, dated 05/11/99, signed and sealed by H. Farooq, PE.
2. Anchor, Glass & Comparative Analysis Calculations prepared by Al-Farooq Corporation, project # 02-1002 sheets 1 to 13 of 13, dated 11/11/02, signed and sealed by H. Farooq, PE.

D. MATERIAL CERTIFICATIONS

1. Notice of Proposed Action No. **99-0908.01**, issued to Cardinal DPG for their Cardinal "Sea-Storm Type B" Glass Laminate, mailed on December 10, 1999.

E. STATEMENTS

1. Letter of Code Compliance, issued Al-Farooq Corporation, on 05/13/99, signed and sealed by H. Farooq, P.E.
2. Letter of Test Compliance issued by Architectural Testing, Inc., dated 10/15/99, signed and sealed by Allen N. Reeves, P.E.
3. Letter of no interest issued by Al-Farooq Corporation, on 05/13/99, signed and sealed by H. Farooq, P.E.

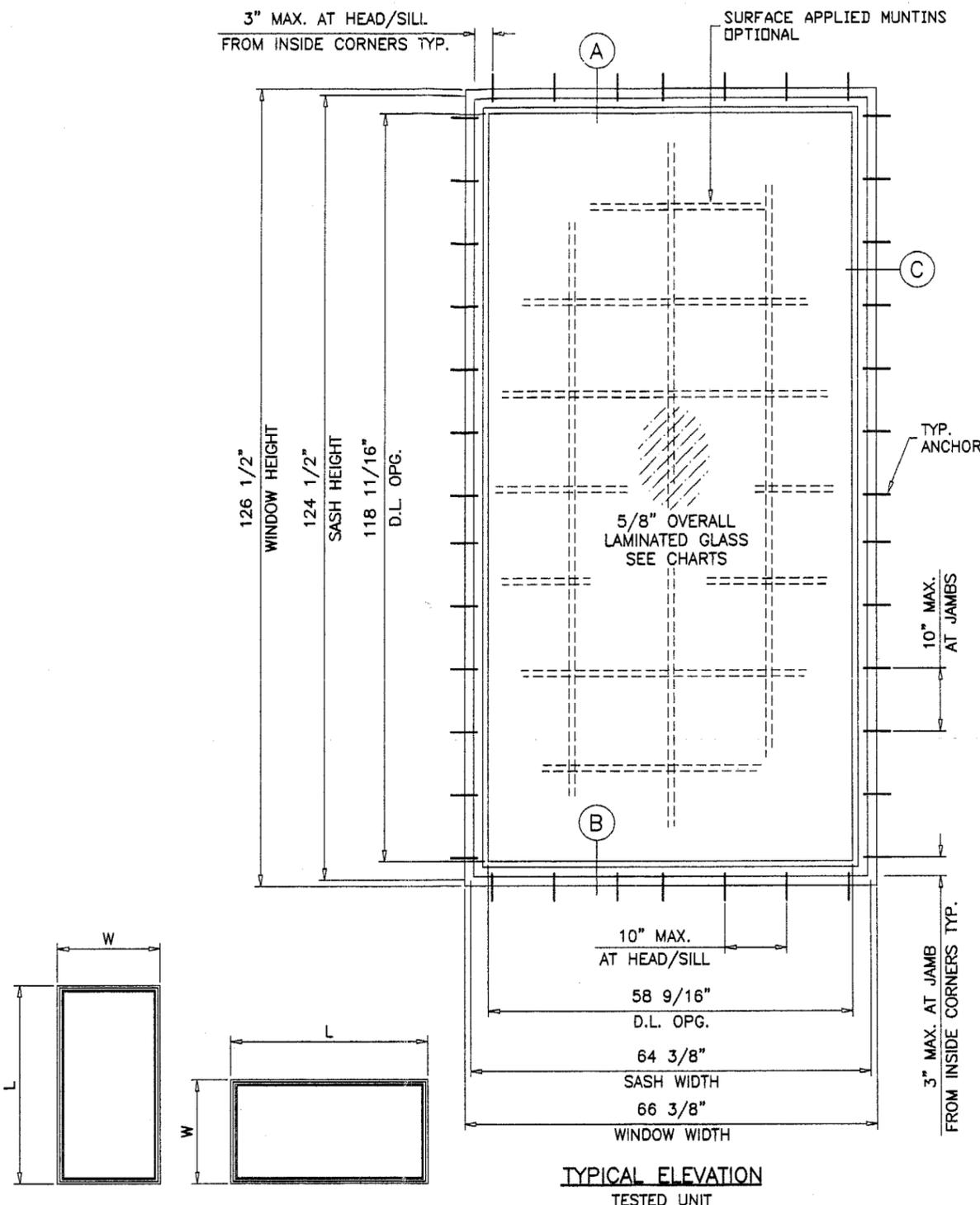
F. OTHER

1. Notice of Acceptance No. **99-0830.05**, issued to Zeluck, Inc. for their Wood/Fixed Sash with Glass, approved on 11/18/99 and expiring on 11/18/02.



Candido F. Font, P.E.
Senior Product Control Examiner
NOA No 02-1118.06
Expiration Date: November 18, 2007
Approval Date: March 20, 2003

DESIGN L		CAPACITY - PSF			
WINDOW DIMS.		5/8" LAM. ANN. GLASS		5/8" LAM. HEAT S. GLASS	
WIDTH	LENGTH	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
48'	78'	61.0	75.0	61.0	75.0
54'		61.0	75.0	61.0	75.0
60'		61.0	67.3	61.0	75.0
66'		60.0	60.0	61.0	75.0
72'		54.3	54.3	56.2	69.1
78'		49.3	49.3	51.9	63.8
48'	84'	61.0	75.0	61.0	75.0
54'		61.0	71.2	61.0	75.0
60'		61.0	61.8	61.0	75.0
66'		55.3	55.3	61.0	75.0
72'		49.8	49.8	56.2	69.1
78'		45.1	45.1	51.9	63.8
48'	90'	61.0	75.0	61.0	75.0
54'		61.0	66.6	61.0	75.0
60'		57.7	57.7	61.0	75.0
66'		51.0	51.0	61.0	75.0
72'		45.9	45.9	56.2	69.1
78'		41.7	41.7	51.9	63.8
48'	96'	61.0	75.0	61.0	75.0
54'		61.0	62.5	61.0	75.0
60'		54.0	54.0	61.0	75.0
66'		47.5	47.5	61.0	75.0
72'		42.4	42.4	56.2	69.1
78'		39.1	39.1	51.9	63.8
48'	102'	61.0	73.3	61.0	75.0
54'		61.0	61.0	61.0	75.0
60'		50.7	50.7	61.0	75.0
66'		44.5	44.5	61.0	75.0
72'		40.0	40.0	56.2	69.1
78'		36.6	36.6	51.9	63.8
48'	108'	61.0	69.6	61.0	75.0
54'		57.5	57.5	61.0	75.0
60'		47.6	47.6	61.0	75.0
66'		41.8	41.8	61.0	75.0
72'		37.7	37.7	56.2	69.1
78'		33.6	33.6	51.9	63.8
48'	114'	61.0	69.6	61.0	75.0
54'		54.3	54.3	61.0	75.0
60'		45.6	45.6	61.0	75.0
66'		39.6	39.6	61.0	75.0
72'		35.7	35.7	56.2	69.1
78'		31.7	31.7	51.9	63.8
48'	120'	61.0	66.3	61.0	75.0
54'		51.4	51.4	61.0	75.0
60'		43.4	43.4	61.0	75.0
66'		37.4	37.4	61.0	74.8
48'	126'	61.0	63.7	61.0	75.0
54'		51.8	51.8	61.0	75.0
60'		41.5	41.5	61.0	75.0
66'		36.0	36.0	61.0	72.0



NOTE:
WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.

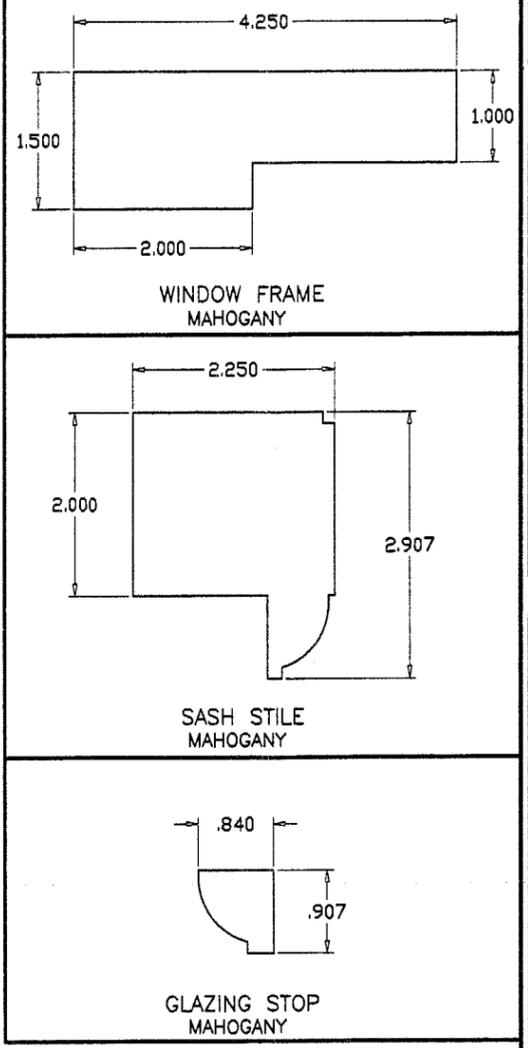
**LARGE MISSILE IMPACT RESISTANT WINDOWS
SHUTTERS NOT REQUIRED**

- NOTES:**
- THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE OF THE 2001 FLORIDA BUILDING CODE. ALSO FOR WIND LOADS AS PER ASCE 7-88, ASCE 7-93, ASCE 7-95 OR ASCE 7-98 AS REQUIRED BY PREVAILING BUILDING CODE.
 - WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
 - ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

Engr: DR. HUMAYOON FAROOQ
STRUCTURES
FLA. PE # 16557

NOV 11 2002

PRODUCT RENEWED
so complying with the Florida Building Code
Acceptance No. 02-1118.06
Expiration Date 11/18/07
By: *[Signature]*
Miami Date Product Control Division



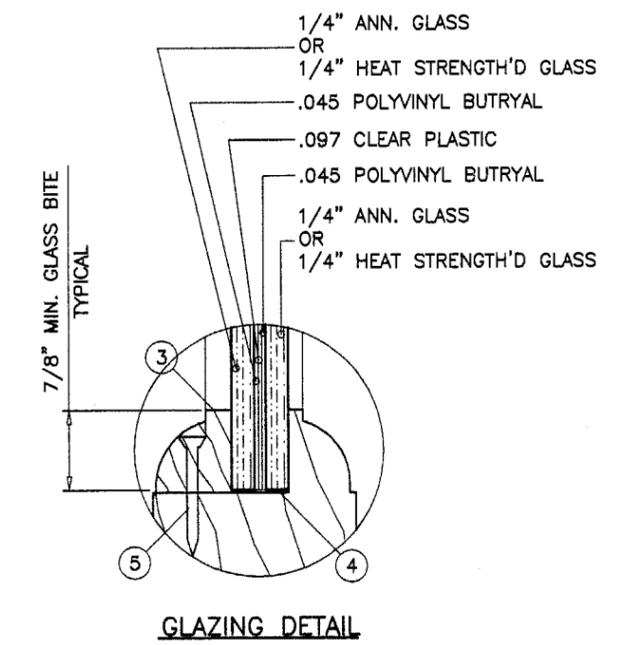
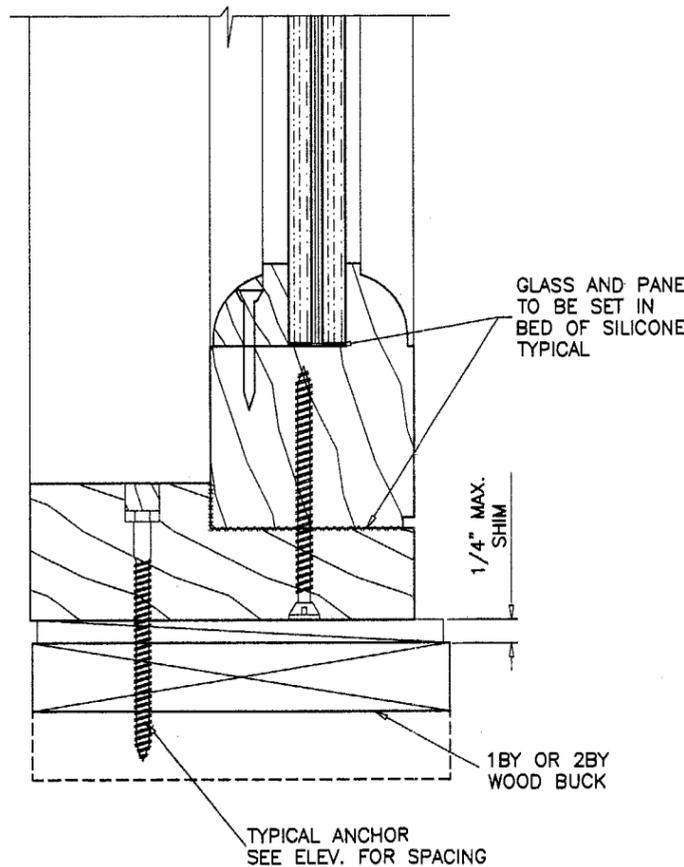
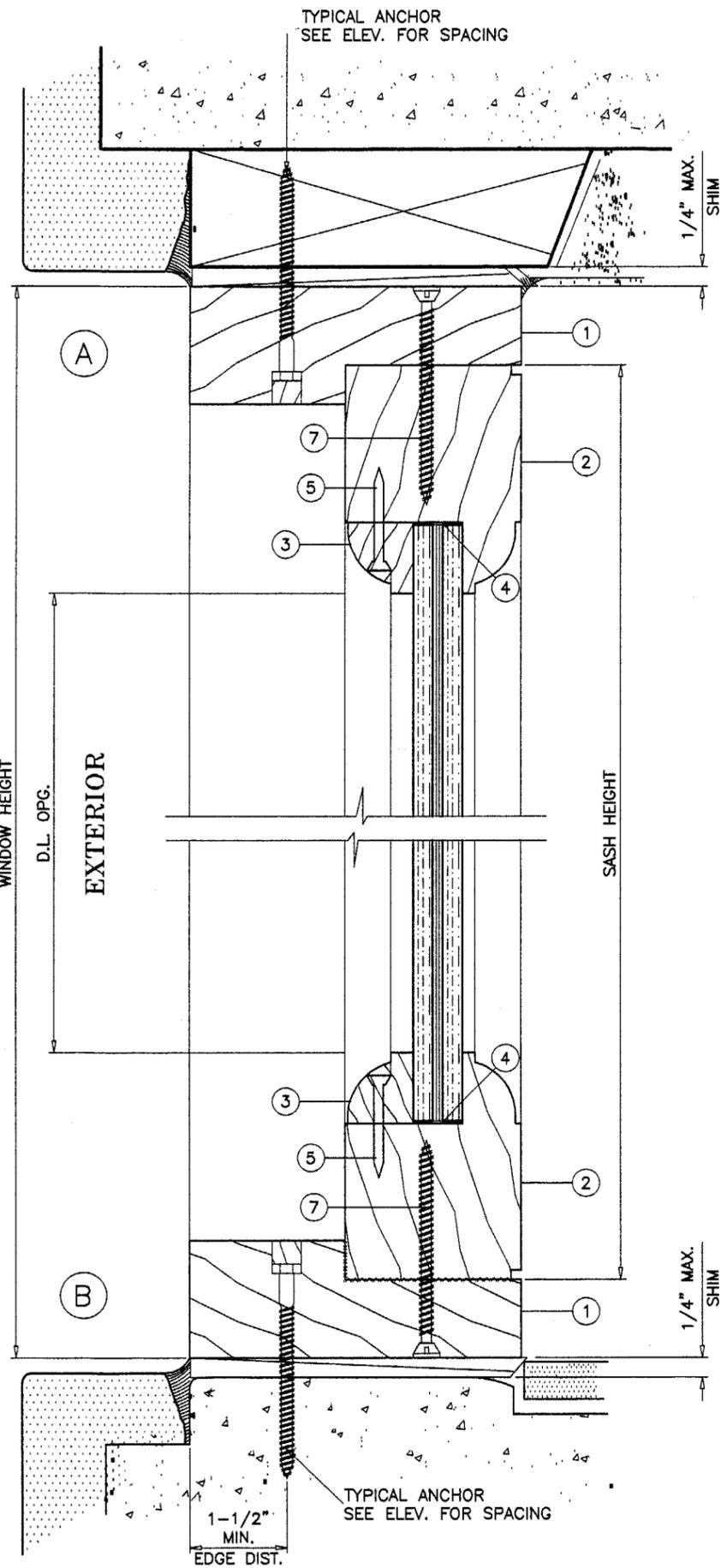
AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W99-27ZI

WOOD (MAHOAGANY) FIXED WINDOW
ZELUCK INCORPORATED
5300 KINGS HIGHWAY
BROOKLYN, N.Y. 11234-9011
TEL. (718) 251-8060 FAX. (718) 531-2564

revisions:	no	date	by	description
	A	11.08.02		CHART REV. FOR ASTM E-1300

date: 03-31-99
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no. **W99-27**
sheet 1 of 3



MATERIALS LIST					
ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPLIER/REMARKS
1	-	4/ WINDOW	WINDOW FRAME	WOOD	ZELUCK
2	-	4/ WINDOW	SASH RAIL	WOOD	ZELUCK
3	-	4/ WINDOW	GLASS STOP	WOOD	ZELUCK
4	-	AS REQD.	GLAZING COMPOUND	SILICONE	-
5	#16 X 1-1/4"	AS REQD.	FINISHING NAILS	ST. STEEL	⊙ 3" FROM ENDS & 6" O.C.
6	#8 X 2-3/4"	2/ CORNER	DRYWALL SCREWS	-	-
7	#10 X 2-3/4"	AS REQD.	SASH SCREWS	ST. STEEL	⊙ 3" FROM ENDS & 10" O.C.

TYPICAL WOOD-HONDURAS MAHOGANY LUMBER

WOOD BUCKS NOT BY ZELUCK INC., MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
 1/4" TAPCONS WITH 1-1/2" MIN. PENETRATION INTO WOOD
 THRU 1BY WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY
 1/4" DIA. TAPCONS WITH 1-1/4" MIN. EMBED INTO MASONRY

SEALANTS:
 ALL FRAME CORNERS, SASH BEDDING AND INTERIOR AND EXTERIOR OF GLAZING STOP SEALED WITH SILICONE SEALANT.
 SASH CORNERS AND GLASS STOP BEDDING SET WITH WOOD GLUE.

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 NOV 11 2002

PRODUCT RENEWED
 as complying with the Florida
 Bedding Code
 Acceptance No. 02-1118.06
 Expiration Date 11/19/07
 By: *[Signature]*
 Miami Dade Product Control
 Division

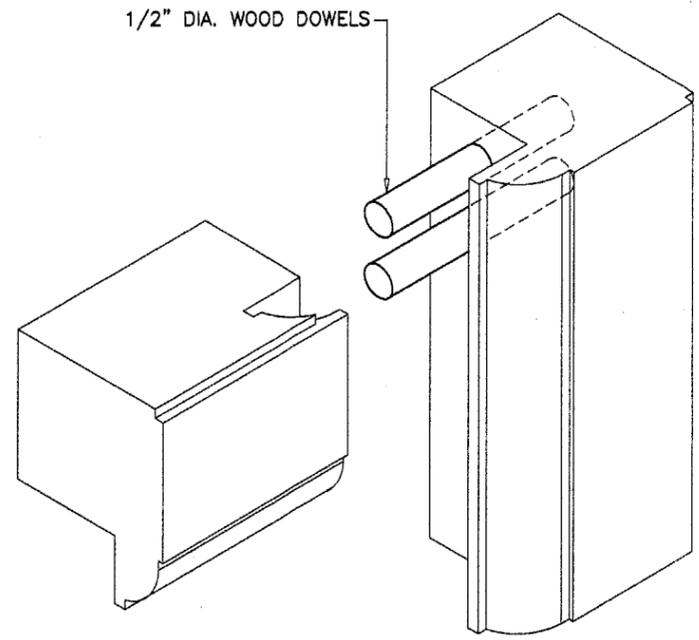
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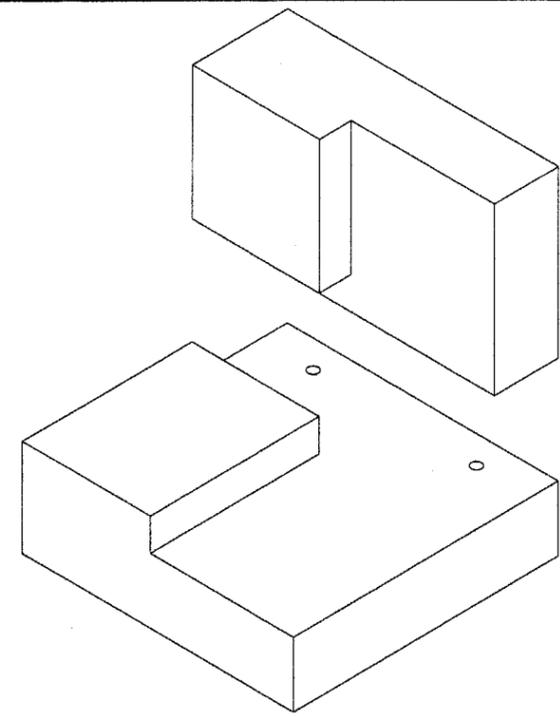
revisions:
 no. date by description
 A 11.08.02 by HEAT STRND GLASS ADD.

date: 03-31-99
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

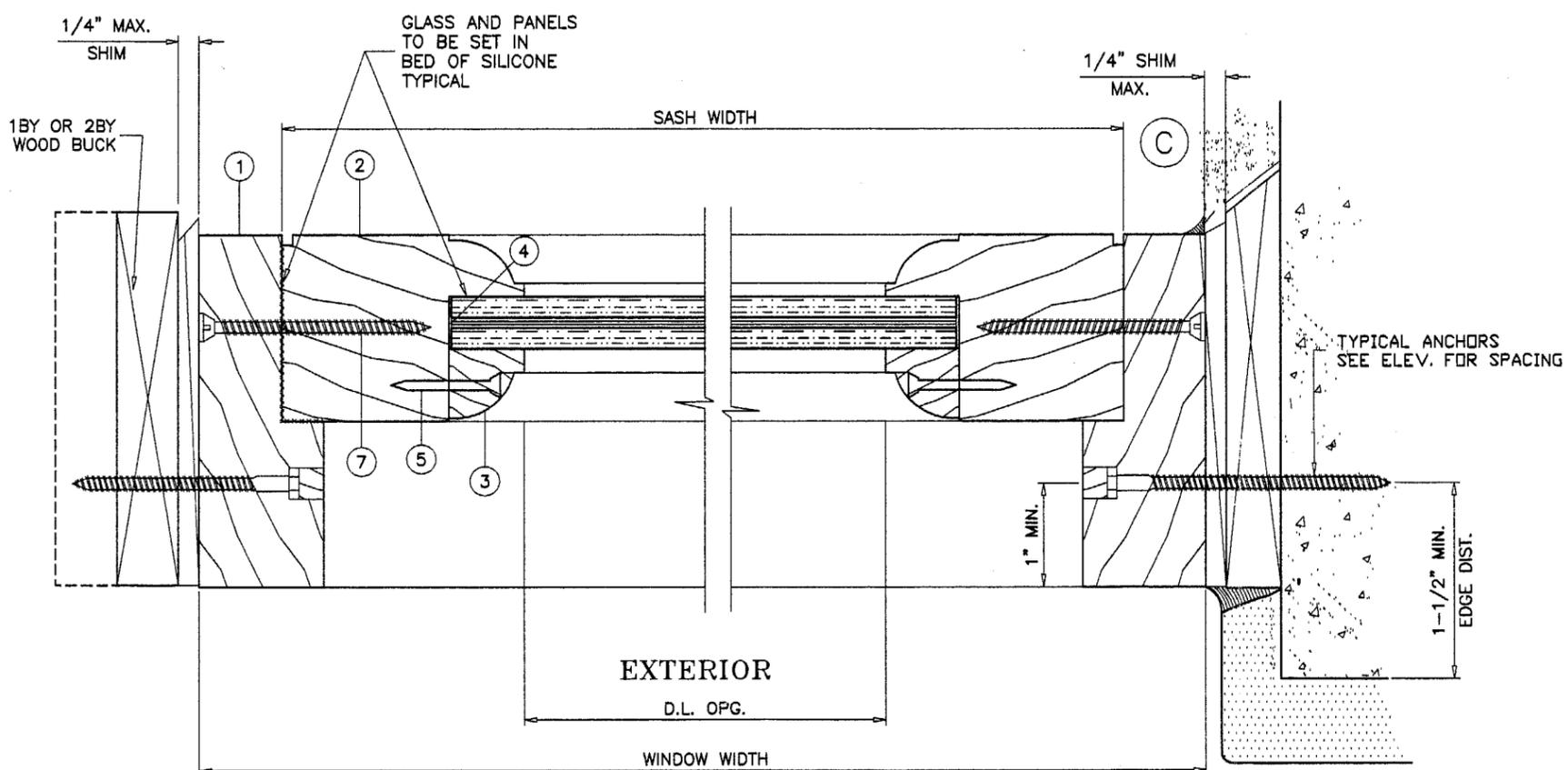
drawing no.
W99-27
 sheet 2 of 3



COPED SASH CORNERS
SEALED WITH WOOD GLUE



COPED FRAME CORNERS
SEALED WITH SILICONE SEALANT



Engr. DR. HUMAYOON FAROOQ
STRUCTURES
FLA. PE # 16557
NOV 11 2002

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as complying with the Florida
Building Code
Assignment No. 02-1118-06
Expiration Date 11/13/07
By: *[Signature]*
Miami Dade Product Control
Division

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no	date	by	description

date: 03-31-99
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W99-27
sheet 3 of 3