



**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)

Zeluck, Inc.
5300 Kings Highway
Brooklyn, NY 11234

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series Mahogany Wood Fixed Windows

APPROVAL DOCUMENT: Drawing No. **W99-27** titled "Wood (Mahogany) Fixed Windows", sheets 1 through 4 of 4, prepared by Al-Farooq Corporation., dated 03/31/99 and last revised on Dec. 13, 2006, signed and sealed by Dr. 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 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 & renews NOA # 01-0821.10** & consists of this page 1 and evidence page E-1 as well as, approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

4
12/20/16



NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS (transferred from file # **02-1118.06**)

1. Manufacturer's die drawings and sections
2. Drawing No. **W99-27** titled "Wood (Mahogany) Fixed Windows", sheets 1 through 4 of 4, prepared by Al-Farooq Corporation., dated 03/31/99 and last revised on Dec. 13, 2006, signed and sealed by Dr. Humayoun Farooq, P.E.

B. TESTS (transferred from file #**02-1118.06**) Note: Original test conducted per SFBC, PA 201, 202 & 203-94, now known as FBC, TAS 210, 202 & 203-94

1. Test reports on
 - 1) Air Infiltration Test, per FBC TAS 202-94
 - 2) Uniform Static Pressure Test, Loading per FBC PA 202-94
 - 3) Water Infiltration Test per FBC, TAS 202-94 (Not Performed)
 - 4) Forced Entry Test, per FBC, TAS 202-944.
 - 5) Large Missile Impact Test per FBC, TAS 203-94
 - 6) Cyclic Wind Pressure Test per FBC, TAS 204-94

along with assembly drawing of a wood fixed window prepared by Architectural Testing, Inc., test report No. **01-31644.01**, dated 10/15/98, signed and sealed by A. N. Reeves, P.E

C. CALCULATIONS

1. Anchor verification calculations, complying w/ FBC 2004, prepared by Al-Farooq Corporation, dated 09/08/06, signed and sealed by Dr. Humayoun Farooq, P.E.
2. Anchor calculations dated 11/11/02, prepared by Al-Farooq Corporation, dated, signed and sealed by Dr. Humayoun Farooq, P.E.(from file # **02-1118.06**)
3. Glazing complies w/ ASTM E-1300-98 & ASTM E-1300-02

D. QUALITY ASSURANCE BY:

1. Miami Dade Building Code Compliance Office (BCCO)

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No.**04-0115.01** for" HRG-2 Laminated Glass" issued to Viracon Inc., expiring 02-12-2009.

F. STATEMENTS (transferred from file # **02-1118.06**)

1. Statement letter dated July 05, 2006, issued by Al-Farooq Corporation for verification complying with FBC 2004, signed & sealed Dr. Humayoun Farooq, P. E.
2. Statement letter of conformance and "No financial interest", dated 08/04/06, signed & sealed Dr. Humayoun Farooq, P. E.
3. Letter of Test Compliance issued by Architectural Testing, Inc., dated 10/15/99, signed and sealed by Allen N. Reeves, P.E.

G. OTHER

1. This NOA revises & renews NOA # **02-1118.06 (99-0803.05)**, expiring on 11/18/07.

Ishaq I. Chanda

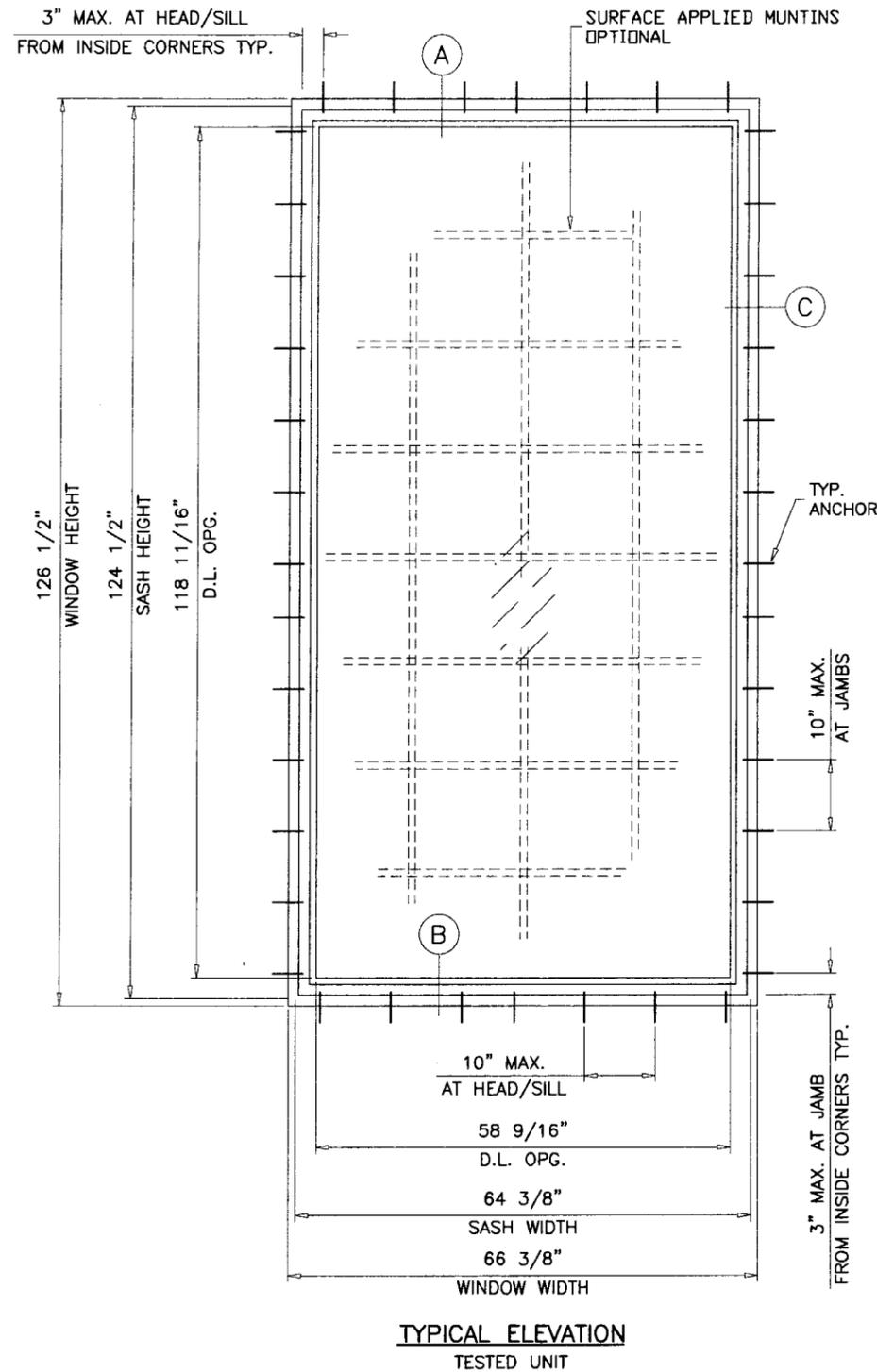
Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No 06-0919.07

Expiration Date: November 18, 2007

Approval Date: January 11, 2007



D.L. OPG. HEIGHT = WINDOW HEIGHT - 7.8"
D.L. OPG. WIDTH = WINDOW WIDTH - 7.8"

THESE WINDOWS ARE RATED FOR LARGE MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

WOOD (MAHOGANY) FIXED WINDOW

SEE SHEET 2 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE BASED ON APPLICABLE WIND DURATION.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF FIXED/FIXED OR FIXED WITH OTHER MIAMI-DADE COUNTY APPROVED WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

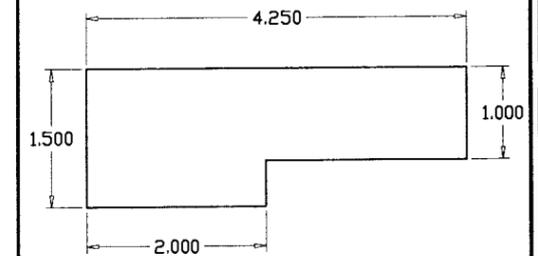
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

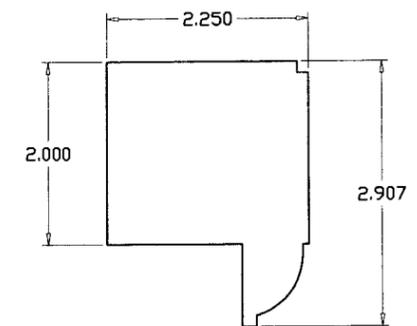
ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IN ALLOWABLE STRESS IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

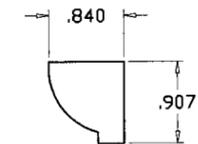
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2004 FLORIDA BLDG. CODE SECTION 2003.8.4.



WINDOW FRAME MAHOGANY



SASH STILE MAHOGANY



GLAZING STOP MAHOGANY

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No DG-1002-06
Expiration Date NOV 18, 2011
By Ismael L. Llanes
Miami Dade Product Control Division

Engr. DR. HUMAYOUN FARCOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

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

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

no	date	description	by
A	11.08.02	CHART REV. FOR ASTM E-1300	
B	08.02.06	UPDATED FOR 2004 FBC	
C	12.09.06	REV. PER BCCO COMMENTS	

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

drawing no.
W99-27

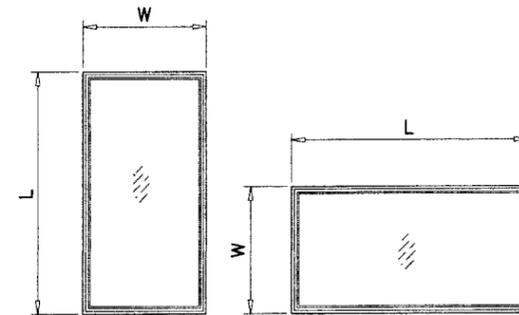
sheet 1 of 4

DESIGN LOAD CAPACITY - PSF					
WINDOW DIMS.		GLASS TYPE 'A'		GLASS TYPE 'B'	
WIDTH	LENGTH	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)
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
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
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
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
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
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
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
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
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

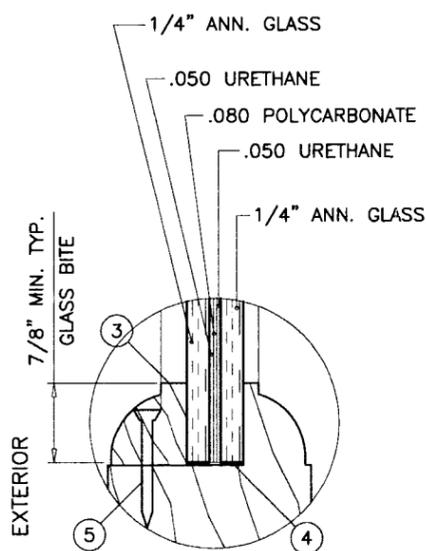
GLASS CAPACITIES ON THIS CHART ARE BASED ON ASTM E1300-98 (60 SEC. WIND)

DESIGN LOAD CAPACITY - PSF					
WINDOW DIMS.		GLASS TYPE 'A'		GLASS TYPE 'B'	
WIDTH	LENGTH	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)
48"	78"	61.0	75.0	61.0	75.0
54"		61.0	75.0	61.0	75.0
60"		61.0	75.0	61.0	75.0
48"	84"	61.0	75.0	61.0	75.0
54"		61.0	75.0	61.0	75.0
60"		61.0	75.0	61.0	75.0
48"	90"	61.0	75.0	61.0	75.0
54"		61.0	75.0	61.0	75.0
60"		61.0	73.2	61.0	75.0
48"	96"	61.0	75.0	61.0	75.0
54"		61.0	74.9	61.0	75.0
60"		61.0	68.7	61.0	75.0
48"	102"	61.0	75.0	61.0	75.0
54"		61.0	71.9	61.0	75.0
60"		61.0	64.8	61.0	75.0
48"	108"	61.0	75.0	61.0	75.0
54"		61.0	68.0	61.0	75.0
60"		61.0	62.2	61.0	75.0
48"	114"	61.0	75.0	61.0	75.0
54"		61.0	64.8	61.0	75.0
60"		58.5	58.5	61.0	75.0
48"	120"	61.0	71.1	61.0	75.0
54"		61.0	63.3	61.0	75.0
60"		55.5	55.5	61.0	75.0
48"	126"	61.0	68.6	61.0	75.0
54"		60.6	60.6	61.0	75.0
60"		52.7	52.7	61.0	75.0

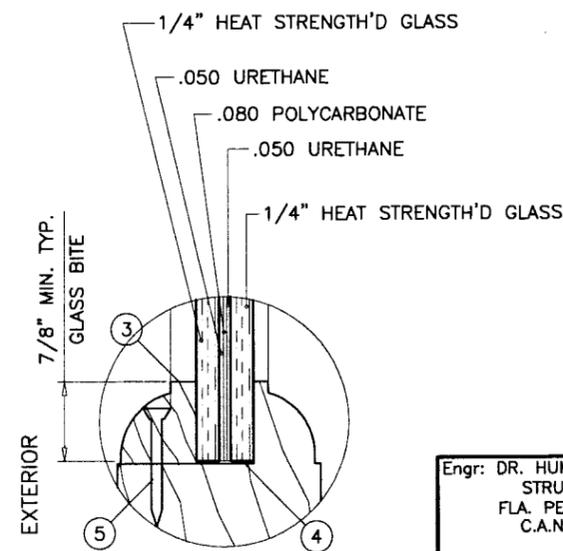
GLASS CAPACITIES ON THIS CHART ARE BASED ON ASTM E1300-02 (3 SEC. GUSTS).



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



GLASS TYPE 'A'
HRG-2 LAMINATED GLASS
BY 'VIRACON'



GLASS TYPE 'B'
HRG-2 LAMINATED GLASS
BY 'VIRACON'

GLAZING OPTIONS

Engr: DR. HUMAYOON FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

DEC 1 2008

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 06-1002.06
Expiration Date NOV 18, 2011
By Isaac L. Chanda
Miami Dade Product Control
Division

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

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

no	date	description
B	08.02.06	UPDATED FOR 2004 FBC
C	12.09.06	REV. PER BCCO COMMENTS

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

drawing no.
W99-27

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.

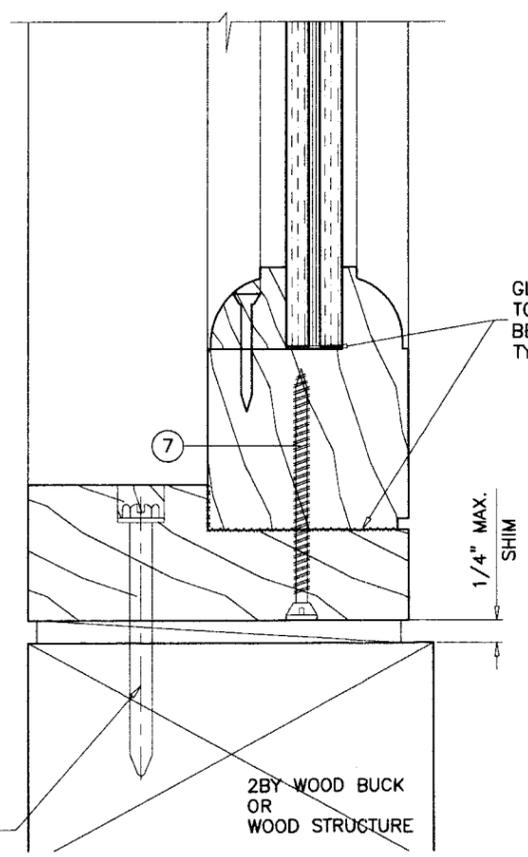
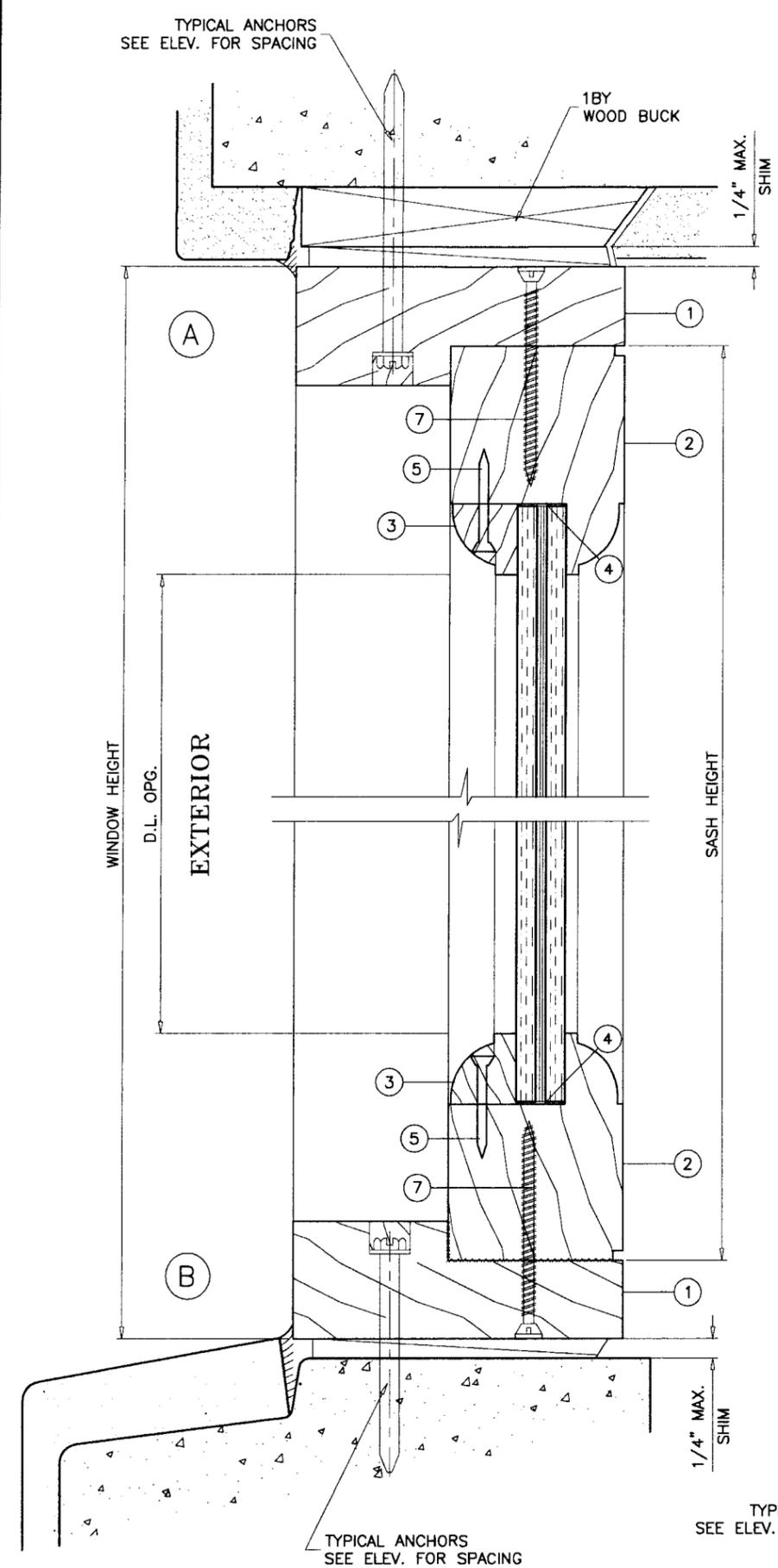
TYPICAL ANCHORS: SEE ELEV. FOR SPACING
1/4" TAPCONS BY 'ELCO'
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD
THRU 1BY BUCKS INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY
DIRECTLY INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY
TYPICAL EDGE DISTANCE
INTO CONCRETE AND MASONRY = 2-1/2" MIN.
INTO WOOD STRUCTURE = 1" MIN.

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.

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 06-1002.06
Expiration Date Nov 18, 2011
By: *Shaq I. Chande*
Miami Dade Product Control
Division

Engr. DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

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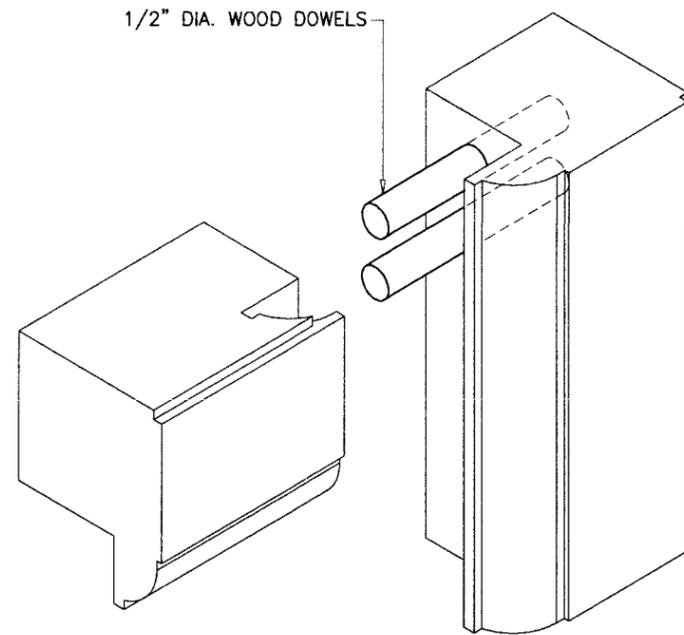
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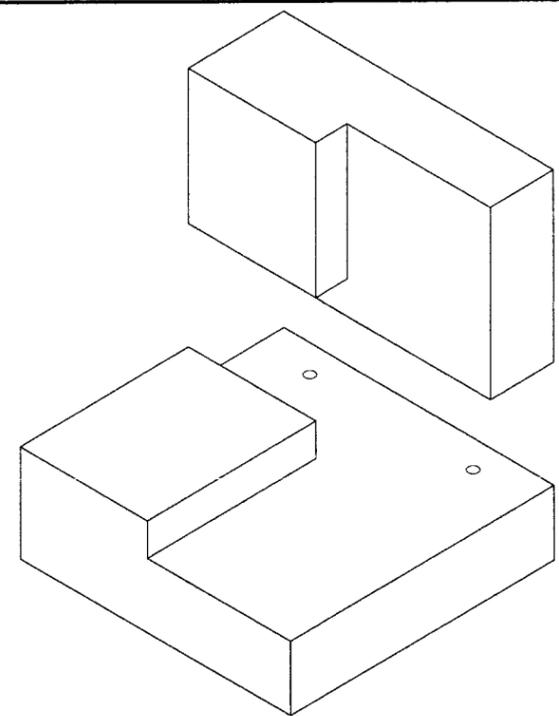
no.	date	description
A	11.08.02	HEAT STRN'D GLASS ADD.
B	08.02.06	UPDATED FOR 2004 FBC
C	12.09.06	REV. PER BCCO COMMENTS

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

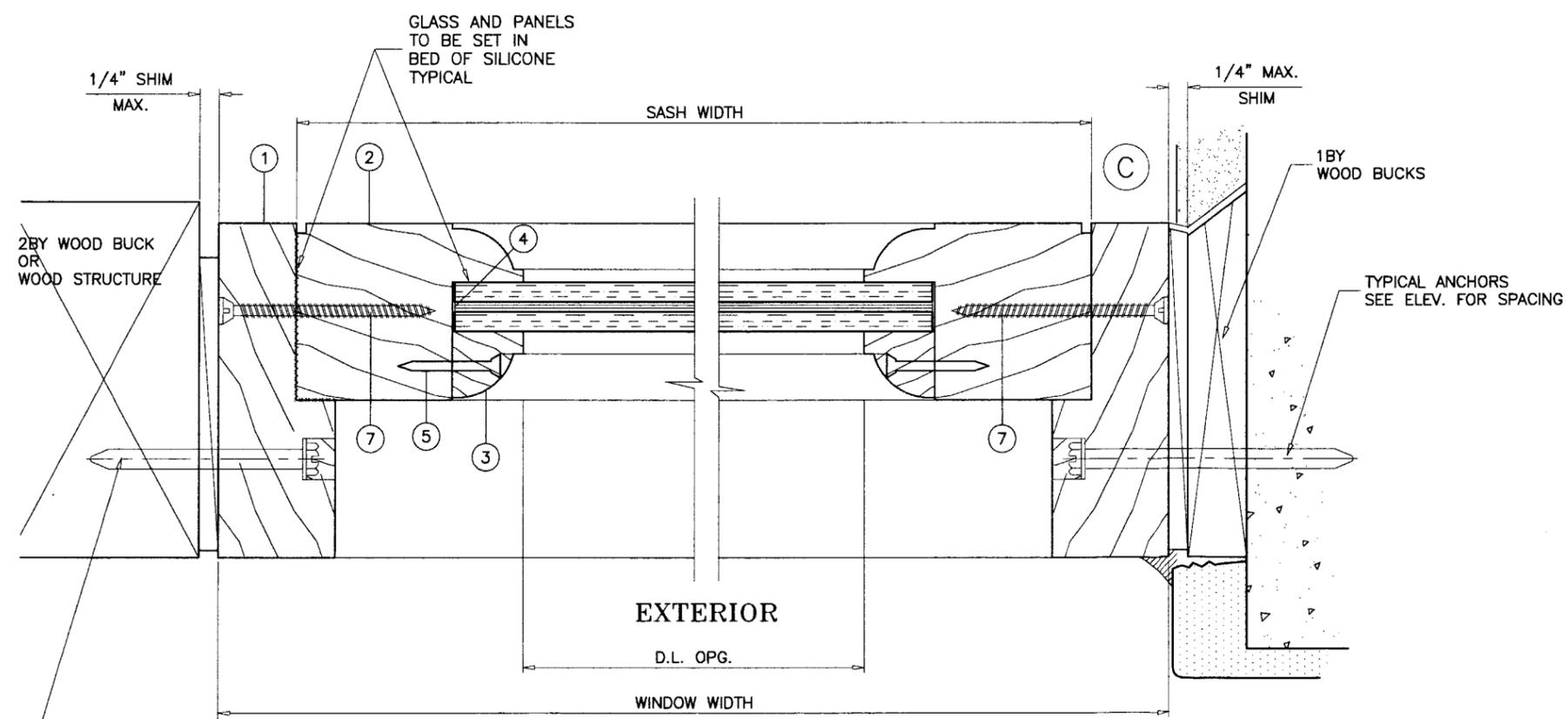
drawing no.
W99-27
sheet 3 of 4



COPED SASH CORNERS
SEALED WITH WOOD GLUE



COPED FRAME CORNERS
SEALED WITH SILICONE SEALANT



PRODUCT RENEWED
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By Khan I. Lhanda
Miami Dade Product Control
Division

Engr: DR. HUMAYOON FAROOQ
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revisions:	
no	date by description
B	08.02.06 UPDATED FOR 2004 FBC
C	12.09.06 REV. PER BCCO COMMENTS

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

drawing no.
W99-27
sheet 4 of 4