



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)

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 "H-4000" Outswing Wood Casement Window-LMI

APPROVAL DOCUMENT: Drawing No. **W97-52** titled "Series H4000 Outswing Wood Casement Window-LMI", sheets 1 through 5 of 5, prepared by Al-Farooq Corporation., dated 12/08/97 and last revised on 12/21/06, 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 # **01-0821.02** & consists of this page 1 and evidence page E-1 as well as, approval document mentioned above.

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



J. Gascon
 2/1/07

NOA No 06-1002.01
Expiration Date: October 08, 2008
Approval Date: February 22, 2007
Page 1

Zeluck, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS (transferred from file # **01-0821.10**)

1. Manufacturer's die drawings and sections
2. Drawing No. **W97-52** titled "Series H4000 Outswing Wood Casement Window-LMI", sheets 1 through 5 of 5, prepared by Al-Farooq Corporation., dated 12/08/97 and last revised on 12/21/06, signed and sealed by Dr. Humayoun Farooq, P.E.

B. TESTS (transferred from file **01-0821.02**) 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 installation diagram of Inswing Mahogany Wood French Door, prepared by Architectural Testing Inc Test Report No. **ATI-19715**, dated 05/14/97 signed and sealed by Allen M. Reeves, P.E.

C. CALCULATIONS

1. Anchor verification calculations, complying w/ FBC 2004, prepared by Al-Farooq Corporation, dated 09/14/06, signed and sealed by Dr. Humayoun Farooq, P.E.
2. 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

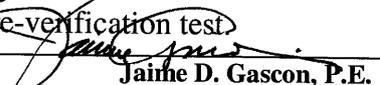
1. Notice of Acceptance No.06-0216.06 for "Saflex IIIIG Clear or Colored Interlayer" by Solutia Inc., expiring 05/21/11.

F. STATEMENTS (transferred from file **01-01-0821.02**)

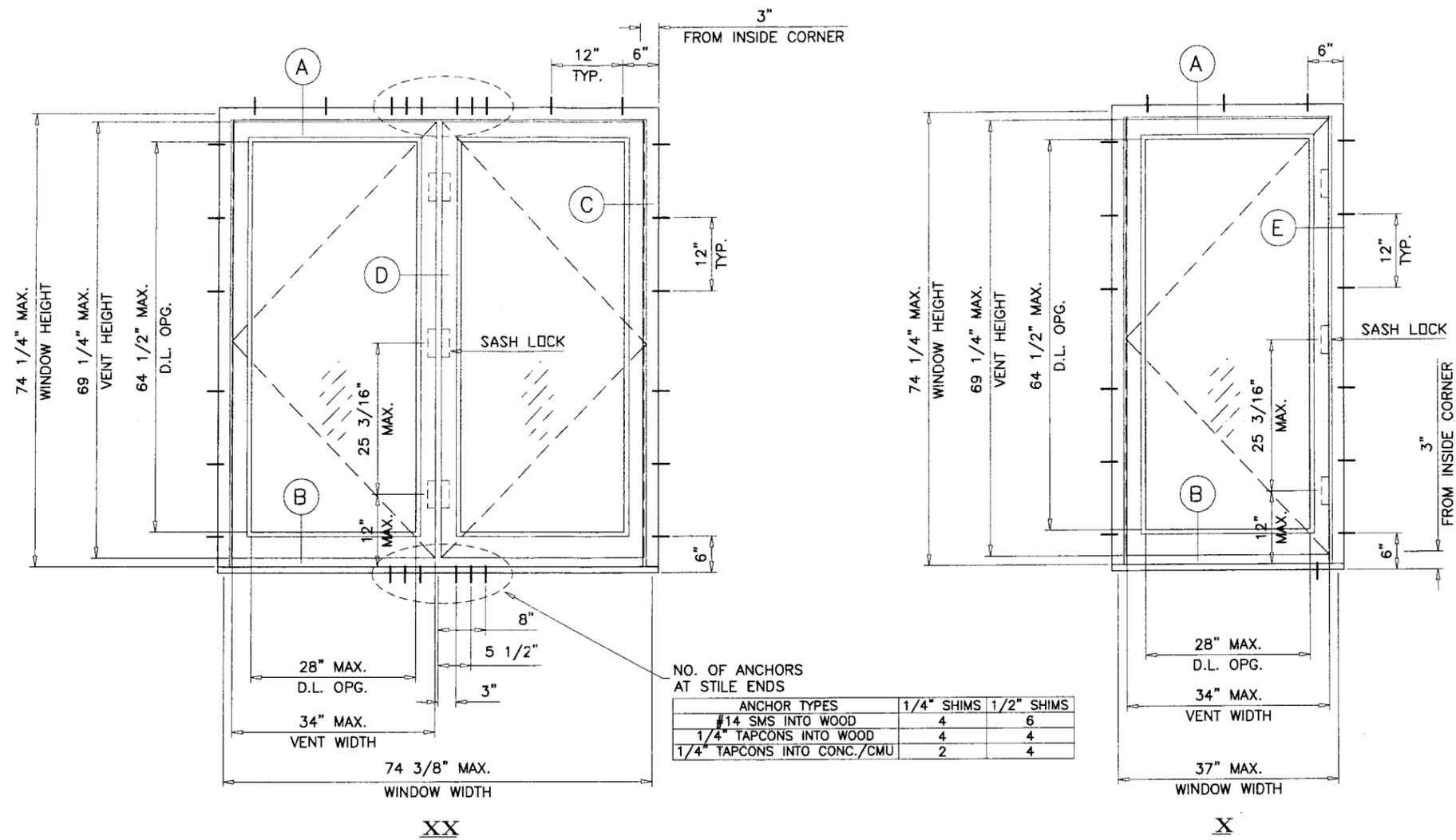
1. Statement letter issued by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E., stating that he still is in the engineering business.
2. Statement letter issued by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E., stating that product meets ASTM-1300.
3. Statement letter from manufacturer that product has not changed.

G. OTHER

1. This NOA **revises & renews** NOA # **01-0821.02**, expiring 10/22/06.
2. One year conditional approval subjected to submittal of re-verification test.


Jaime D. Gascon, P.E.
Chief, Product Control Division
NOA No 06-1002.01

Expiration Date: October 08, 2008
Approval Date: February 22, 2007



NO. OF ANCHORS AT STILE ENDS

ANCHOR TYPES	1/4" SHIMS	1/2" SHIMS
#14 SMS INTO WOOD	4	6
1/4" TAPCONS INTO WOOD	4	4
1/4" TAPCONS INTO CONC./CMU	2	4

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

TYPICAL ELEVATIONS

SERIES H4000 OUTSWING WOOD CASEMENT WDW.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF CASEMENT/CASEMENT OR CASEMENT 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.

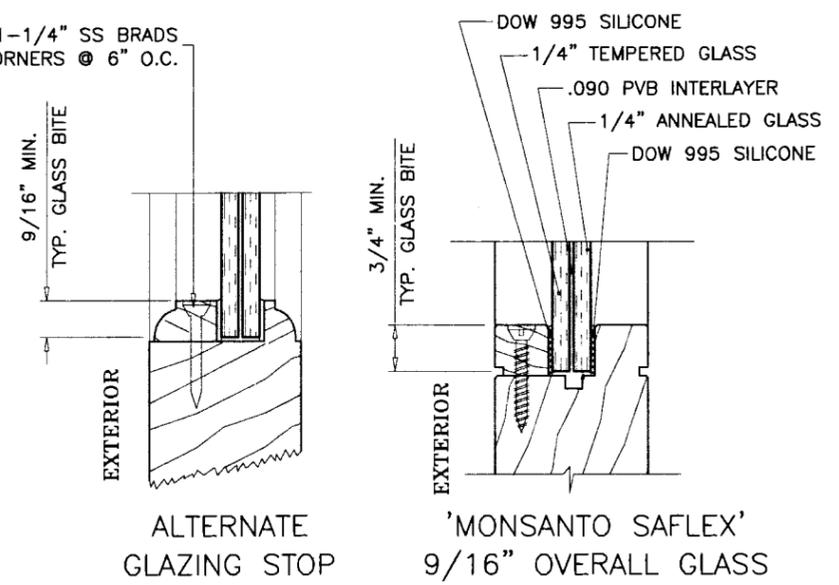
ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

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.

16 X 1-1/4" SS BRADS
 @ 3" FROM CORNERS @ 6" O.C.



MAXIMUM DESIGN LOAD RATING = + 60.0 PSF
 (FOR SIZES SHOWN OR SMALLER) - 60.0 PSF

NOTE:
 GLASS CAPACITIES ARE BASED ON
 A: ASTM E1300-98 (60 SEC. WIND)
 B: ASTM E1300-02 (3 SEC. GUSTS).

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

PRODUCT RENEWED
 in compliance with the Florida
 Building Code
 Acceptance No 06-1002-01
 Expiration Date 10/08/08
 By: [Signature]
 Miami-Dade Product Control
 Division

DEC 22 2006

afc
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W97-52ZI-NEW

SERIES H4000 OUTSWING WOOD CASEMENT WDW. (L.M.I.)
ZELUCK INCORPORATED
 5300 KINGS HIGHWAY
 BROOKLYN, N.Y. 11234-9011
 TEL. (718) 251-8060 FAX. (718) 531-2564

no	date	by	description
A	8.05.98		GENERAL REVISION
B	9.11.98		GENERAL REVISION
C	10.10.98		SHT. 2. GLASS BITE REVISED
D	09.12.06		UPDATED FOR 2004 FBC
E	12.21.06		REV. PER BCCO COMMENTS

date: 12-18-97
 scale: 1/2"=1'-0"
 dr. by: HAMID
 chk. by:

drawing no.
W97-52
 sheet 1 of 5

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

#14 SMS

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD

1/4" TAPCONS

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.

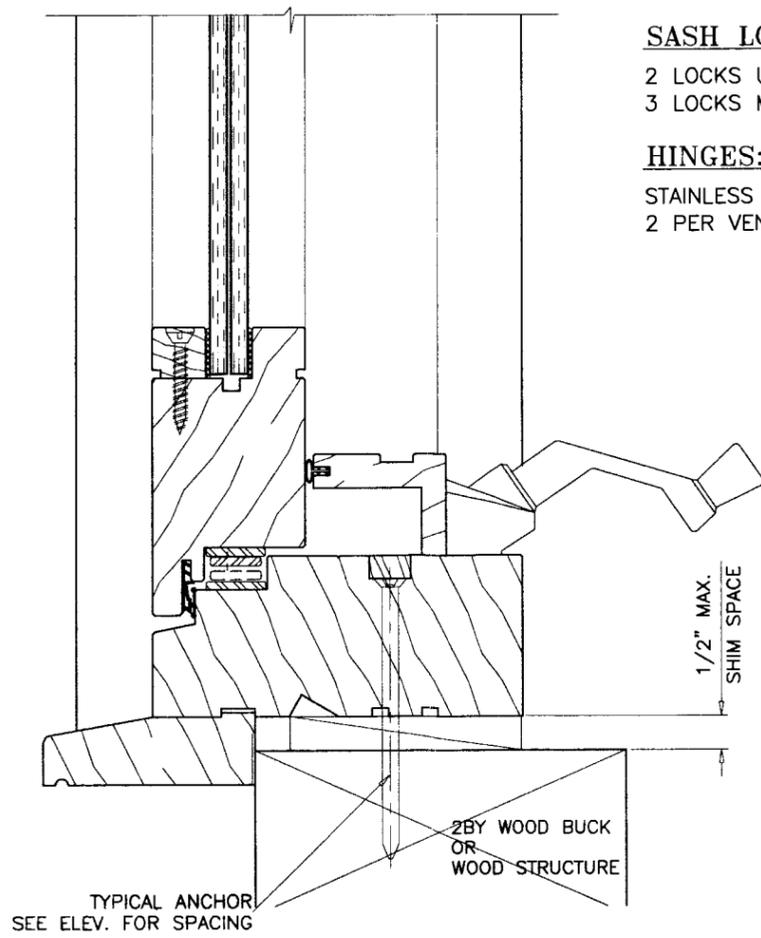
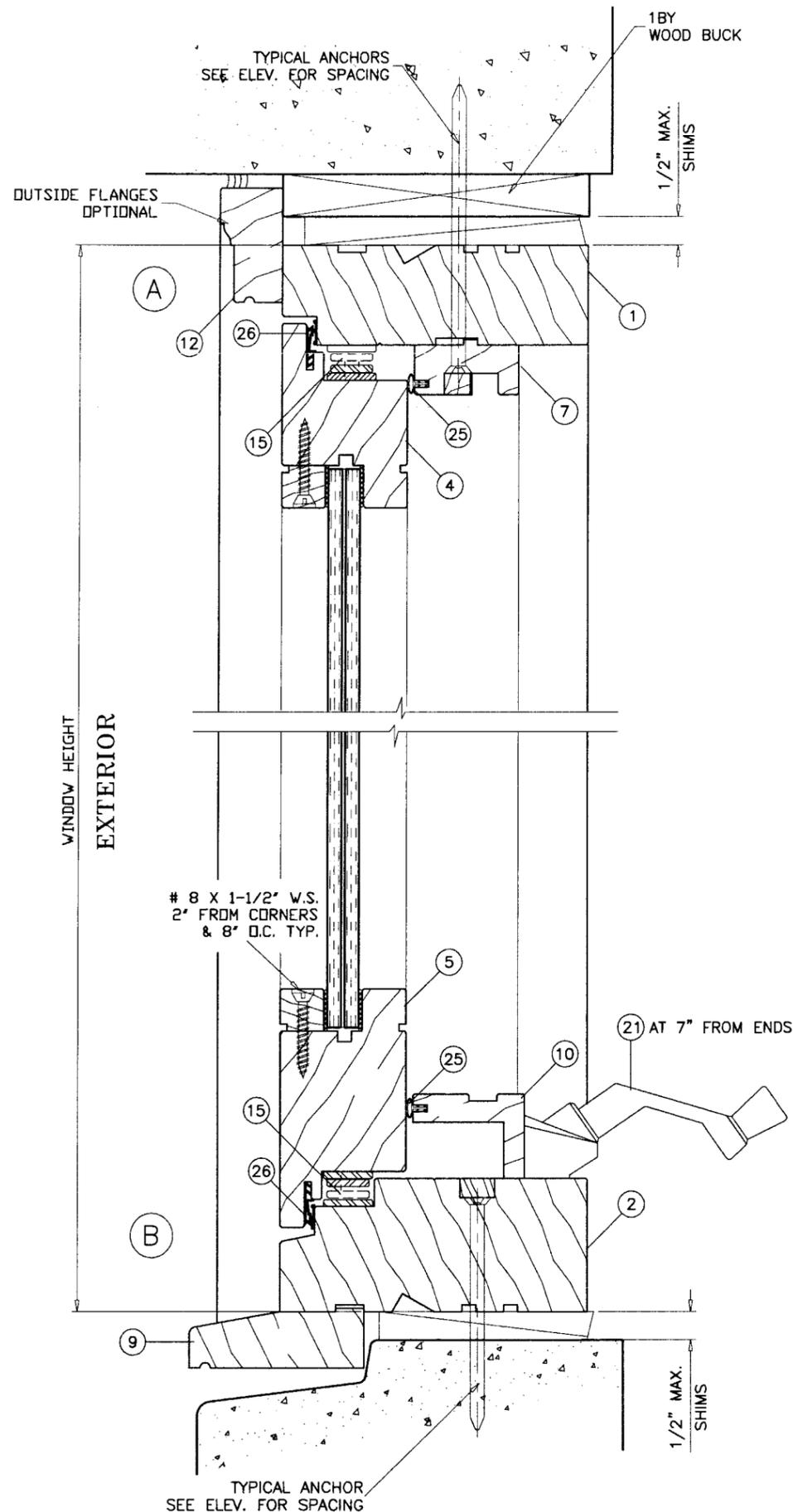
SASH CORNERS AND GLASS STOP BEDDING SET WITH WOOD GLUE.

SASH LOCKS: AT LOCK STILES

2 LOCKS UPTO 49-3/16" HIGH WINDOW, AT 12" FROM ENDS
3 LOCKS MORE THAN 49-3/16" HIGH WINDOW, AT 12" FROM ENDS AND AT MIDSPAN

HINGES:

STAINLESS STEEL FOUR-BAR HINGES
2 PER VENT AT ENDS OF HEAD AND SILL



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

DEC 22 2008

PRODUCT RENEWED
in compliance with the Florida
Building Code
Acceptance No. 06-1002-01
Expiration Date 10/08/08
By: *[Signature]*
Miami Dade Product Control
Division

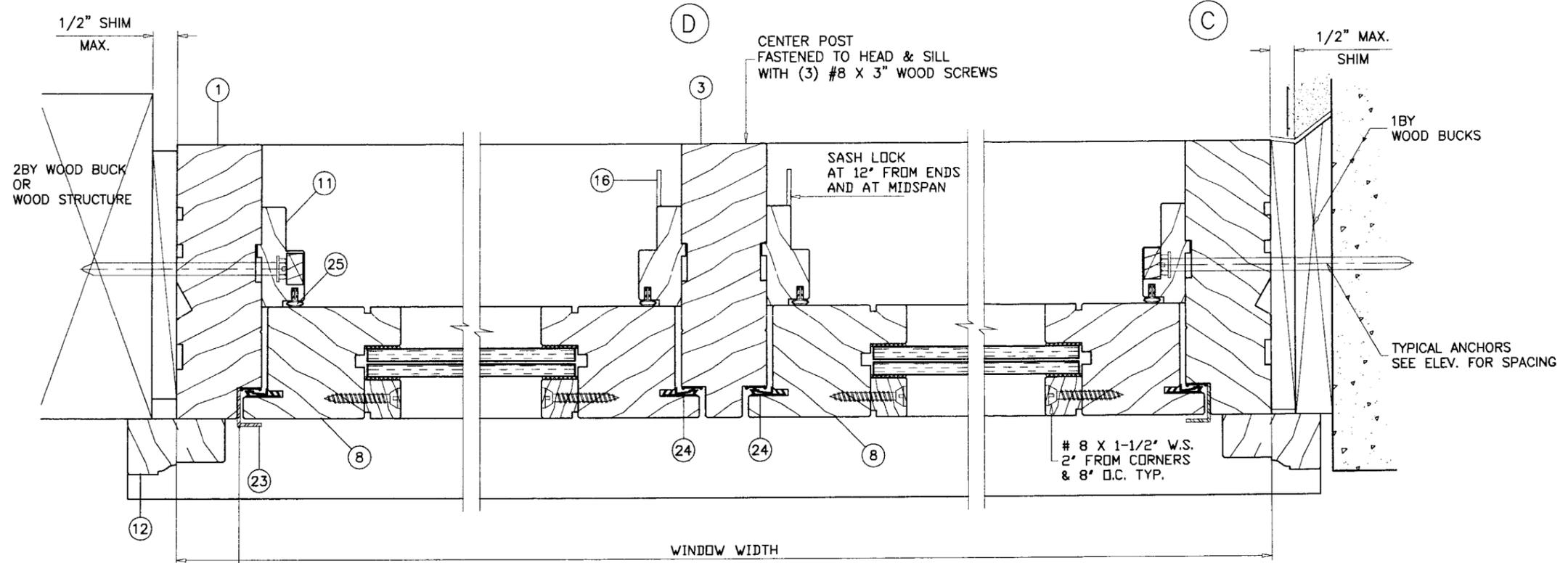
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
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SERIES H4000 OUTSWING WOOD CASEMENT WDW. (L.M.I.)
ZELUCK INCORPORATED
5300 KINGS HIGHWAY
BROOKLYN, N.Y. 11234-9011
TEL. (718) 251-8060 FAX. (718) 531-2564

revisions:	
no	date by description
D	09.12.06 UPDATED FOR 2004 FBC
E	12.21.06 NO CHANGE THIS SHEET

date: 12-18-97
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

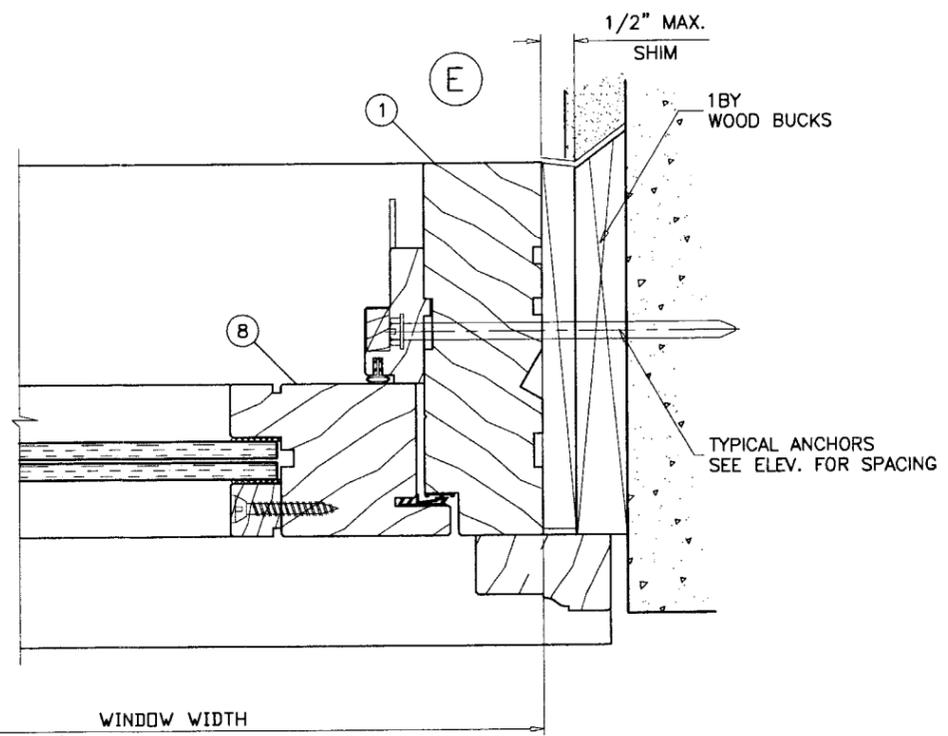
drawing no.
W97-52
sheet 2 of 5



WINDOW WIDTH

EXTERIOR

1-1/2" X 3/4" X 1/8"
CONT. ALUM ANGLE (6063-T5)
FASTENED TO JAMB WITH #8 X 1" SS SCREWS
AT 1" FROM ENDS AND 6-3/4" O.C.



WINDOW WIDTH

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

DEC. 22 2006

PRODUCT RENEWED
on complying with the Florida
Building Code
Acceptance No. De-1062-01
Expiration Date 10/08/08
by [Signature]
Miami Dade Product Control
Division

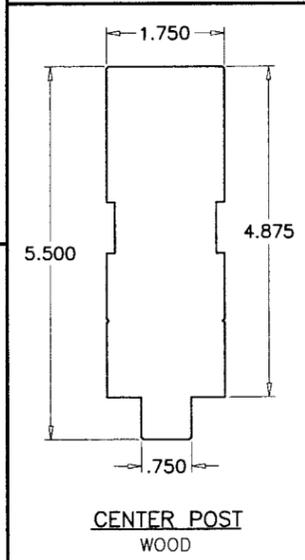
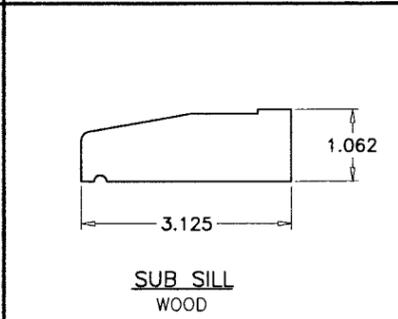
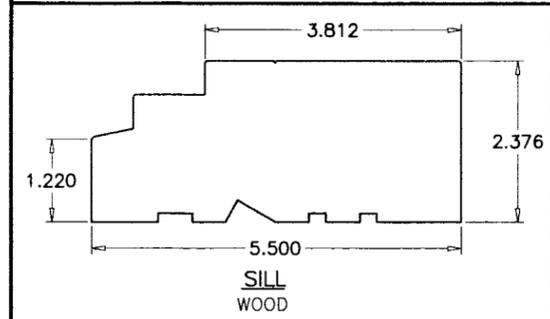
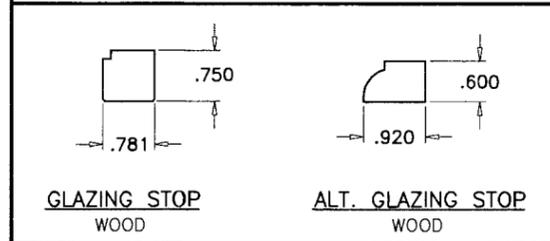
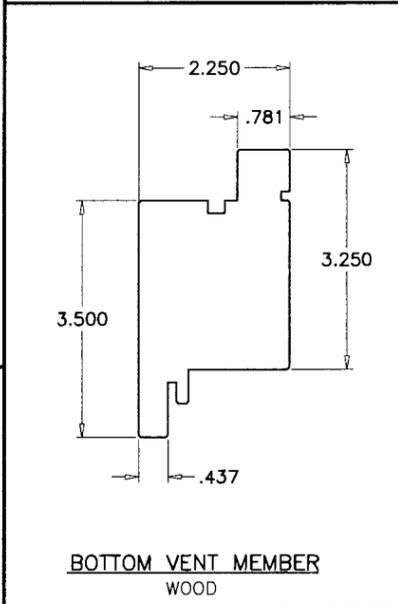
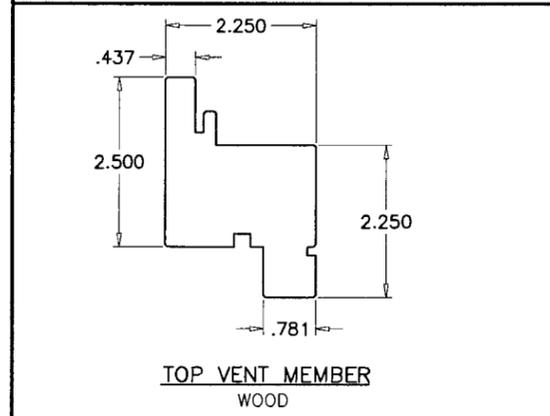
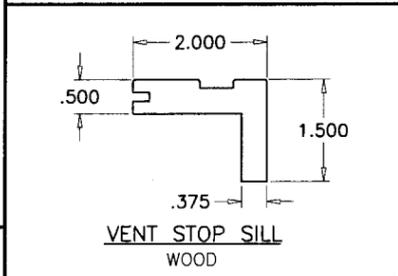
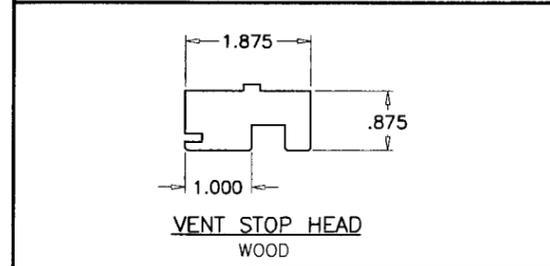
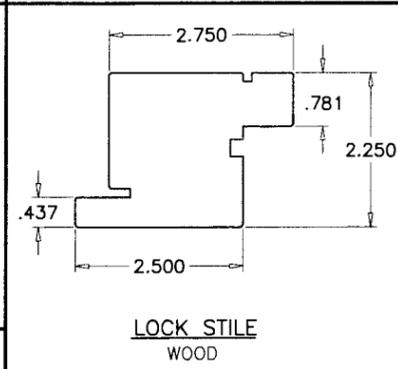
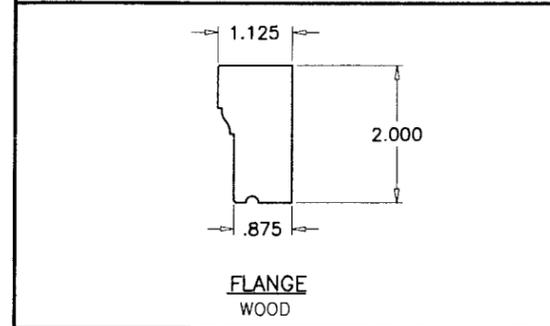
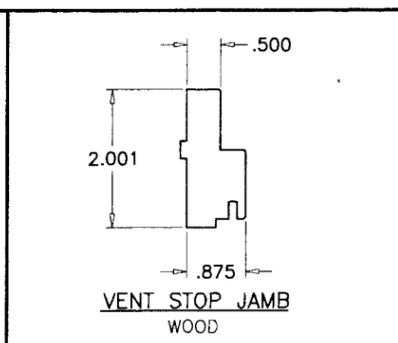
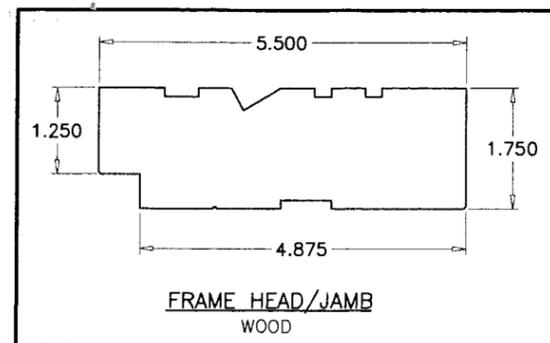
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AL-FAROOQ CORPORATION
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COMP-ANL W97-52ZI-NEW

SERIES H4000 OUTSWING WOOD CASEMENT WDW. (L.M.I.)
ZELUCK INCORPORATED
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BROOKLYN, N.Y. 11234-9011
TEL. (718) 251-8060 FAX. (718) 531-2564

no	date	by	description
D	09.12.06		UPDATED FOR 2004 FBC
E	12.21.06		NO CHANGE THIS SHEET

date: 12-18-97
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

drawing no.
W97-52
sheet 3 of 5



ITEM #	REQD.	PART NO.	DESCRIPTION	REMARKS/SUPPLIER
1	AS REQD.	-	FRAME HEAD/JAMB (WOOD)	-
2	1	-	FRAME SILL (WOOD)	-
3	2	-	CENTER POST (WOOD)	-
4	1/ VENT	-	VENT TOP RAIL (WOOD)	-
5	1/ VENT	-	VENT BOTTOM RAIL (WOOD)	-
6	4/ VENT	-	GLAZING STOP (WOOD)	-
7	1	-	VENT STOP HEAD (WOOD)	-
8	2/ VENT	-	LOCK STILE (WOOD)	-
9	1	-	SUB SILL (WOOD)	-
10	1	-	VENT STOP SILL (WOOD)	-
11	2	-	VENT STOP JAMBS (WOOD)	-
12	AS REQD.	-	FLANGE (WOOD)	-
15	4	34.15.00	4 BAR HINGE (ZINC CHRMT'D STEEL)	TRUTH
16	6	16.52.03	SASH LOCK (ZINC CHRMT'D STEEL)	TRUTH
17	3	40903	SASH LOCK KEEPER - RH (ZINC CHRMT'D STEEL)	TRUTH
18	3	40902	SASH LOCK KEEPER - LH (ZINC CHRMT'D STEEL)	TRUTH
19	1/ VENT	15.61	SASH OPERATOR (ZINC CHRMT'D STEEL)	TRUTH
20	1/ VENT	10431.03	OPERATOR COVER (ZINC CHRMT'D STEEL)	TRUTH
21	1/ VENT	10579.03	OPERATOR HANDLE (ZINC CHRMT'D STEEL)	TRUTH
22	1/ VENT	30473.SS	OPERATOR TRACK (ZINC CHRMT'D STEEL)	TRUTH
23	1/ VENT	13754	CONTINUOUS SASH SNUBBER	HADCO
24	1	F.1153	SASH WEATHERSTRIPPING (NEOPRENE)	BMP
25	1	44-00030	FRAME WEATHERSTRIPPING (NEOPRENE)	VARNAMO
26	1	46-54183	SASH TOP WEATHERSTRIPPING (NEOPRENE)	VARNAMO

TYPICAL WOOD-HONDURES MAHOGANY LUMBER

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 06-1002.01
Expiration Date 10/08/08
By [Signature]
Miami Dade Product Control
Division

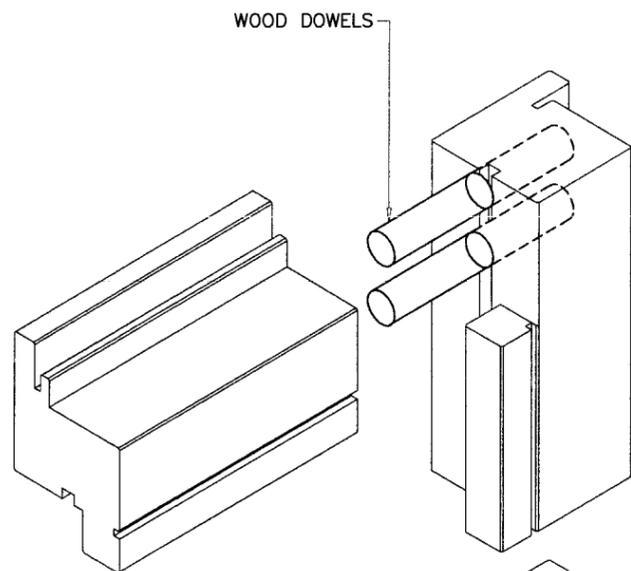
Engr. DR. HUMAYOUN FARJOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538
[Signature]
DEC 22 2005

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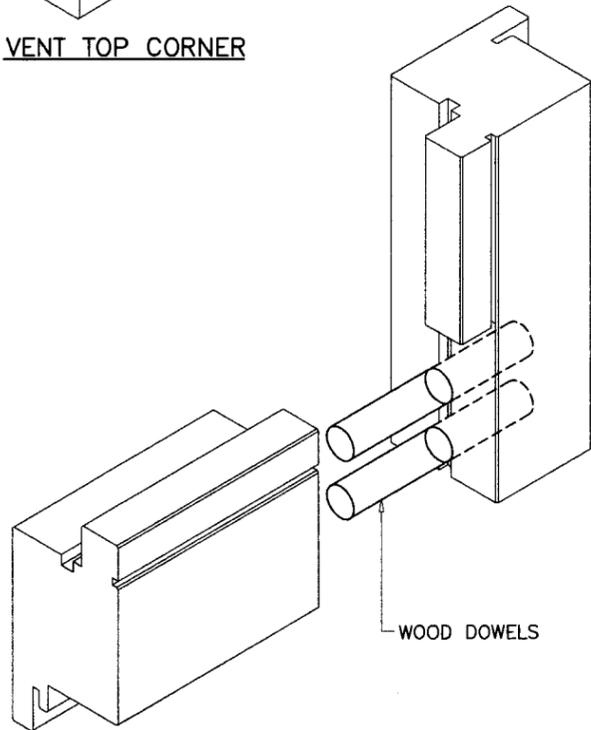
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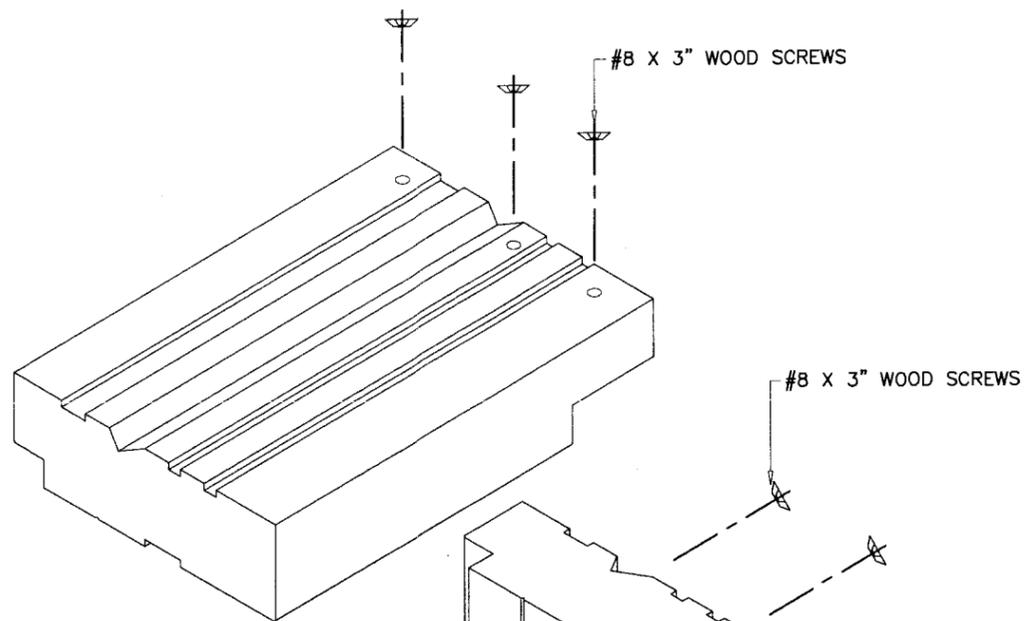
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W97-52
sheet 4 of 5



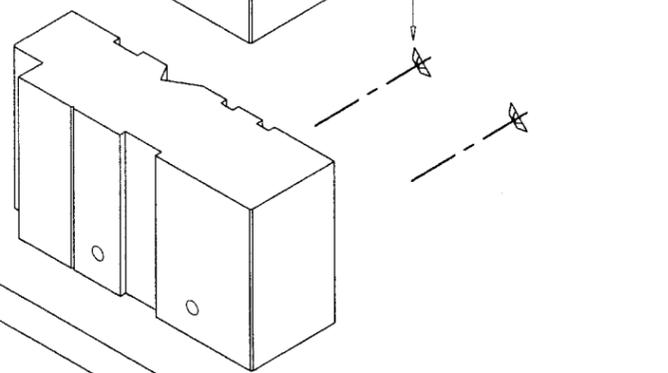
VENT TOP CORNER



VENT BOTTOM CORNER



FRAME TOP CORNER



FRAME BOTTOM CORNER

FRAME AND VENT CORNERS SEALED/GLUED WITH 'PHENYL RESORCINOL' WATER PROOF ADHESIVE

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

DEC 22 2006

PRODUCT RENEWED
in compliance with the Florida
Building Code
Acceptance No. 06-1002-01
Expiration Date 10/09/06
By [Signature]
Miami Home Product Control
Division

afc
AL-FAROQ CORPORATION
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COMP-ANL\W97-52Z1-NEW

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sheet 5 of 5