



**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 "W&C" Mahogany Double Hung Wood Windows**

**APPROVAL DOCUMENT:** Drawing No. **W05-03** titled "Series W&C Double Hung Wood Windows", sheets 1 through 5 of 5, prepared by Al-Farooq Corporation., dated 01/14/05 and last revised on Dec. 21, 2006, signed and sealed by Dr. Humayoun Farooq, 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 # 05-0224.10 & 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.**



**NOA No 06-1002.04  
Expiration Date: May 05, 2010  
Approval Date: January 18, 2007  
Page 1**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS** (transferred from file # **05-0224.10**)

1. Manufacturer's die drawings and sections
2. Drawing No. **W05-03** titled "Series W&C Double Hung Wood Windows", sheets 1 through 5 of 5, prepared by Al-Farooq Corporation., dated 01/14/05 and last revised on Dec. 21, 2006, signed and sealed by Dr. Humayoun Farooq, P.E.

**B. TESTS** (transferred from file # **05-0224.10**)

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
  - 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 double hung window prepared by Architectural Testing, Inc., test report No. **59246. 01-122-18**, dated 09/22/04, signed and sealed by Steven H. Urich, 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. Anchor calculations dated 02/22/05, prepared by Al-Farooq Corporation, 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.**03-0827.08** for" Solutia Interlayer for Laminated Glass" issued to Solutia Inc., expiring 03-04-2009.

**F. STATEMENTS** (transferred from file # **05-0224.10**)

1. Statement letter dated Sep. 14, 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., as part of the above test report.

**G. OTHER**

1. This NOA revises NOA # **05-0224.10**, expiring on May 05, 2010.

*Ishaq I. Chanda*

Ishaq I. Chanda, P.E.  
Product Control Examiner  
NOA No 06-1002.04

Expiration Date: May 05, 2010  
Approval Date: January 18, 2007

MAXIMUM DESIGN LOAD RATING = + 60.0 PSF  
(FOR SIZES SHOWN OR SMALLER) - 70.0 PSF

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

**SERIES W&C DOUBLE HUNG WOOD WINDOWS**

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF D.H./D.H. OR DOUBLE HUNG 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).

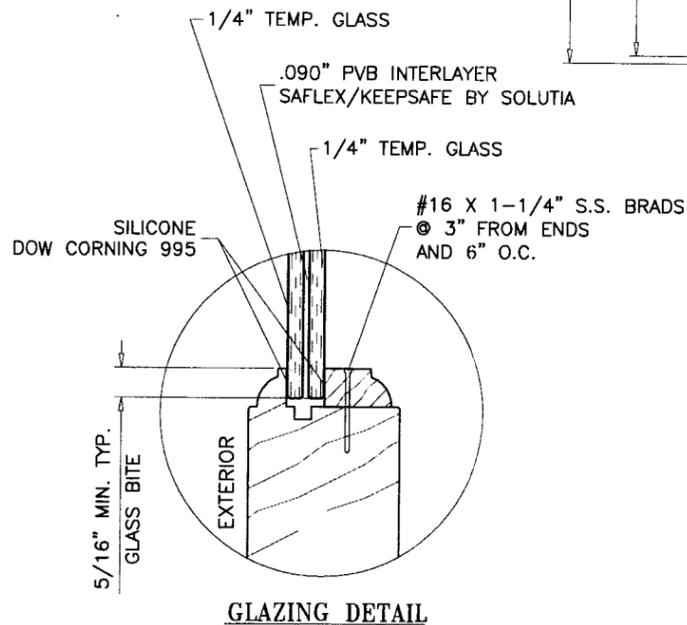
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

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.

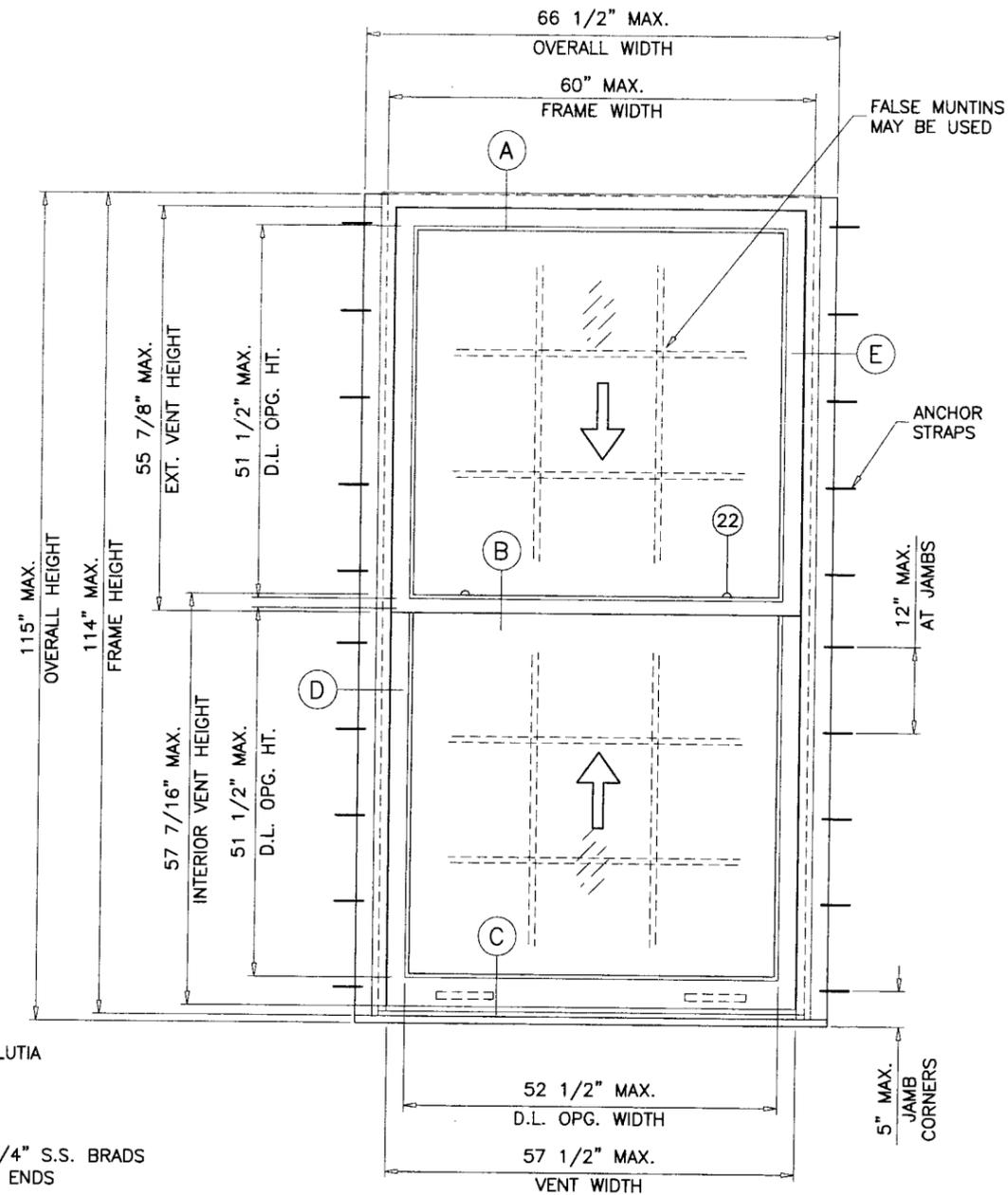
A LOAD DURATION INCREASE IN ALLOWABLE STRESS IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

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.



**GLAZING DETAIL**

NOTE:  
GLASS CAPACITIES ARE BASED ON  
A: ASTM E1300-98 (60 SEC. WIND)  
B: ASTM E1300-02 (3 SEC. GUSTS) WITH REDUCTIONS FOR FLEXIBLE SUPPORTS TO COMPLY WITH SECTION 2403.2 OF FBC 2004 EDITION.



**TYPICAL ELEVATION**

**PRODUCT REVISED**  
as complying with the Florida Building Code  
Acceptance No. 06-1002.04  
Expiration Date MAY 05, 2010

By Isaac I. Chiruk  
Miami Dade Product Control Division

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

DEC 21 2006

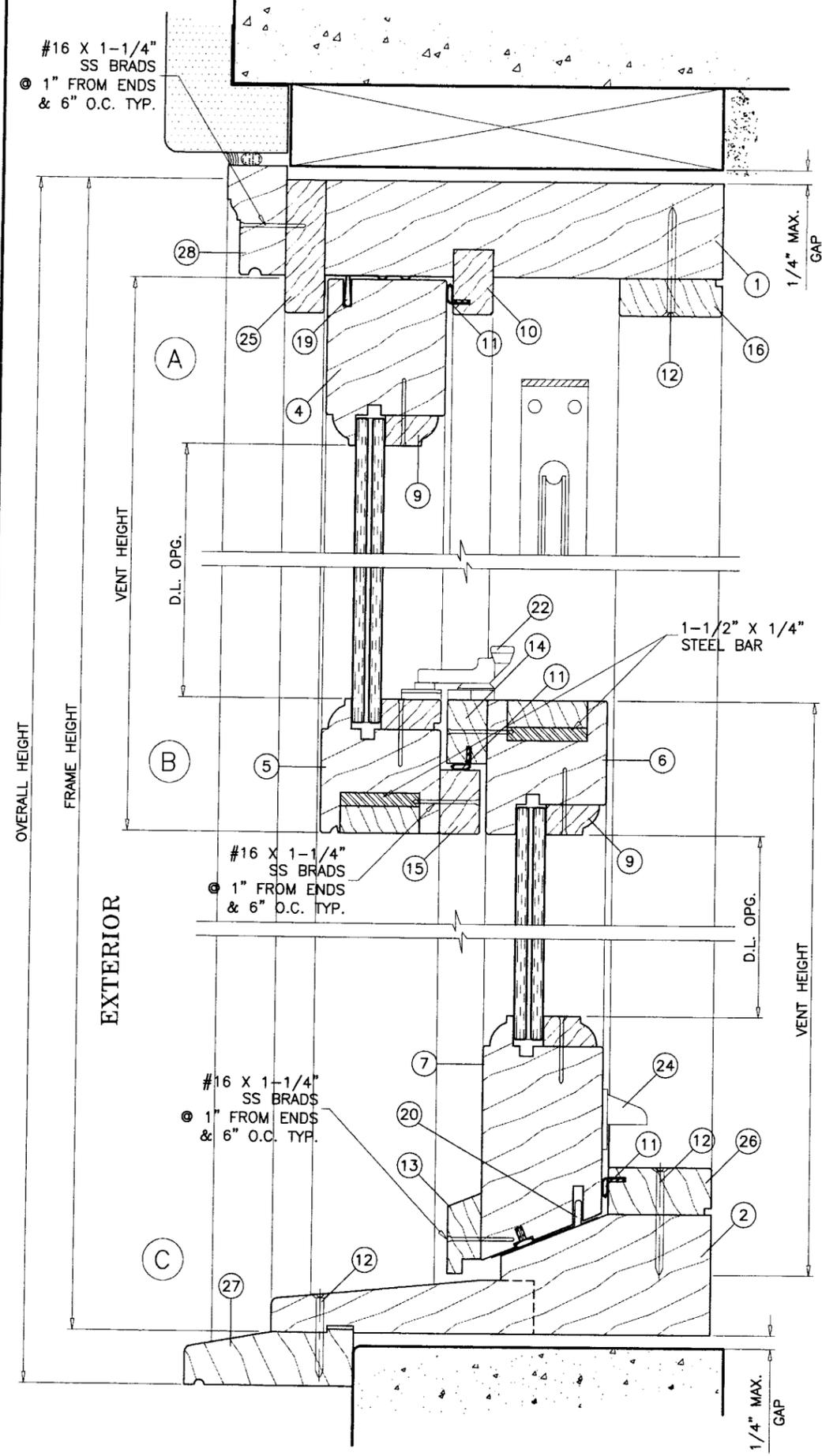
**afc**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL W05-03ZI

SERIES W&C DOUBLE HUNG WOOD WINDOWS (L.M.I.)  
**ZELUCK INC.**  
5300 KINGS HIGHWAY  
BROOKLYN, N.Y. 11234  
TEL. (718) 251-8060 FAX (718) 531-2564

no.	date	by	description
A	08.01.06		UPDATED FOR 2004 FBC
B	12.20.06		REV. PER BCCO COMMENTS

date: 01-14-05  
scale: 1/2" = 1'-0"  
dr. by: HAMID  
chk. by:

drawing no.  
**W05-03**  
sheet 1 of 5



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

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING  
 THRU INSTALLATION CLIPS

**#12 SMS**  
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
 1-1/2" MIN. PENETRATION INTO WOOD

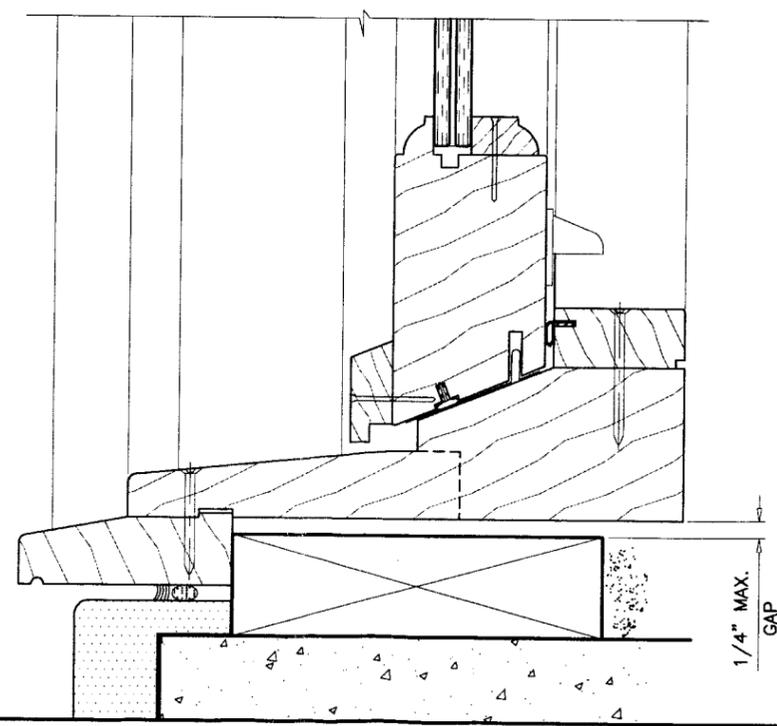
**3/16" TAPCONS BY 'ELCO'**  
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
 1-1/2" MIN. PENETRATION INTO WOOD

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

**#12 SMS OR SELF DRILLING SCREWS**  
 INTO METAL STRUCTURES  
 STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)  
 ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)  
 (STEEL TO BE PLATED OR PAINTED)

**TYPICAL EDGE DISTANCE**  
 INTO CONCRETE AND MASONRY = 1" MIN.  
 INTO WOOD STRUCTURE = 1" MIN.  
 INTO METAL STRUCTURE = 1/2" MIN.

**SEALANTS:**  
 FRAME CORNERS, INTERIOR AND EXTERIOR OF GLAZING  
 TO BE SEALED WITH SILICONE SEALANT.  
 ALL WOOD TO WOOD JOINTS GLUED WITH  
 'PHENYL RESORCINOL' WATER PROOF ADHESIVE.



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

DEC 21 2006

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 as complying with the Florida  
 Building Code  
 Acceptance No. 06-1002.04  
 Expiration Date MAY 05, 2010  
 By: Ishaq I. Lhank  
 Miami Dade Product Control  
 Division

**af c**

**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 1235 S.W. 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W05-03ZI

SERIES W&C DOUBLE HUNG WOOD WINDOWS (L.M.I.)

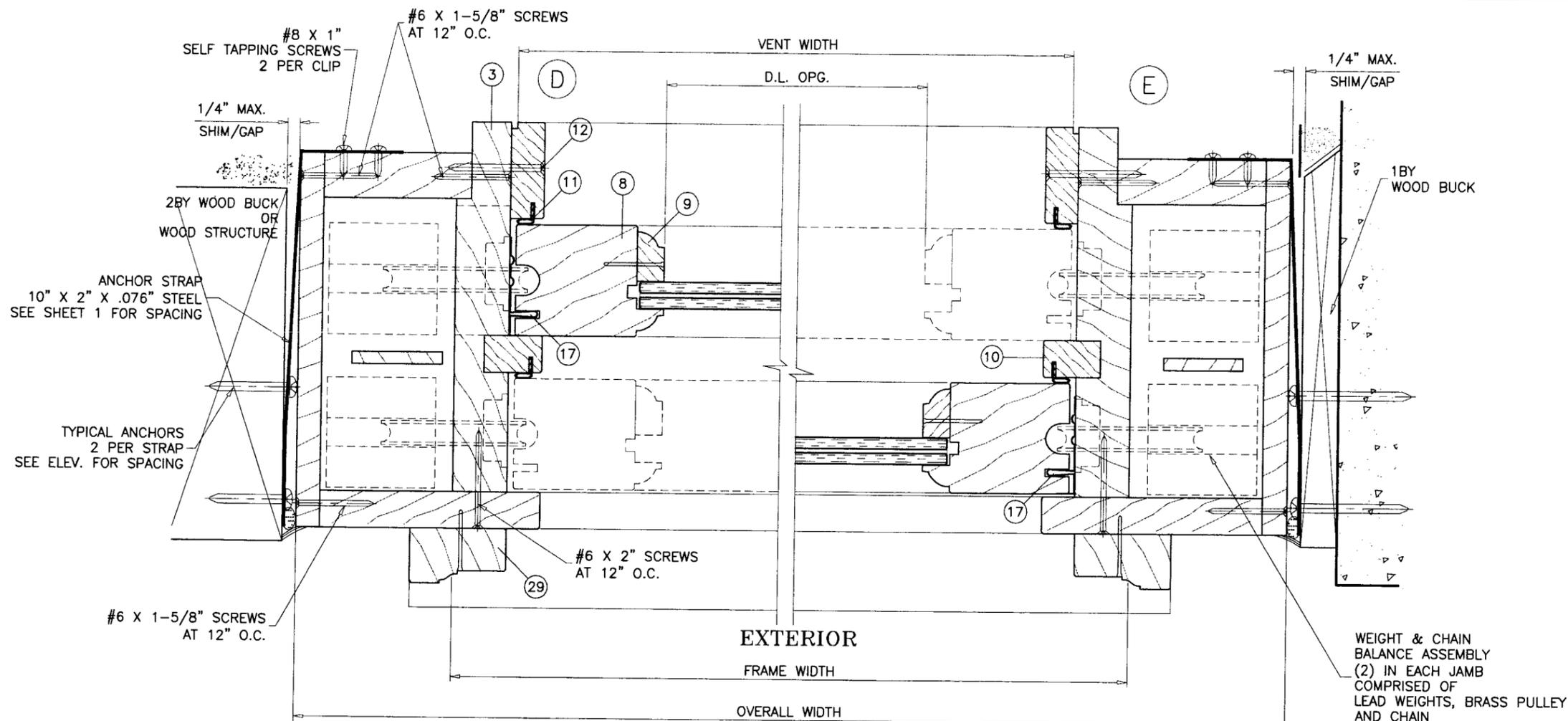
**ZELUCK INC.**  
 5300 KINGS HIGHWAY  
 BROOKLYN, N.Y. 11234  
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revisions:	no	date	by	description
	A	08.01.06		UPDATED FOR 2004 FBC
	B	12.20.06		REV. PER BCCO COMMENTS

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 dr. by: HAMID  
 chk. by:

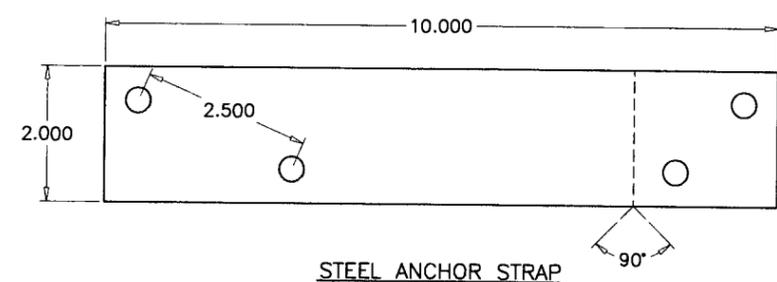
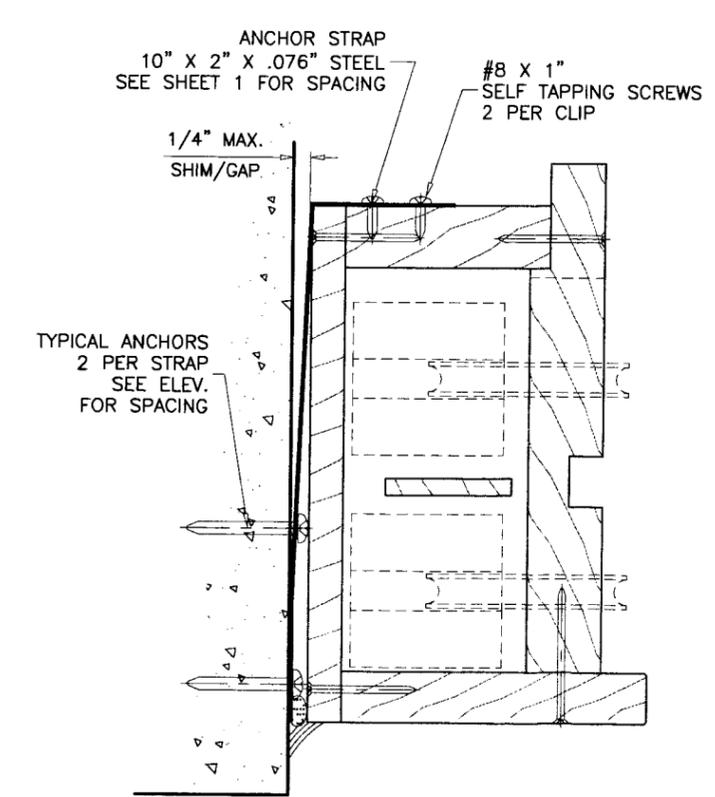
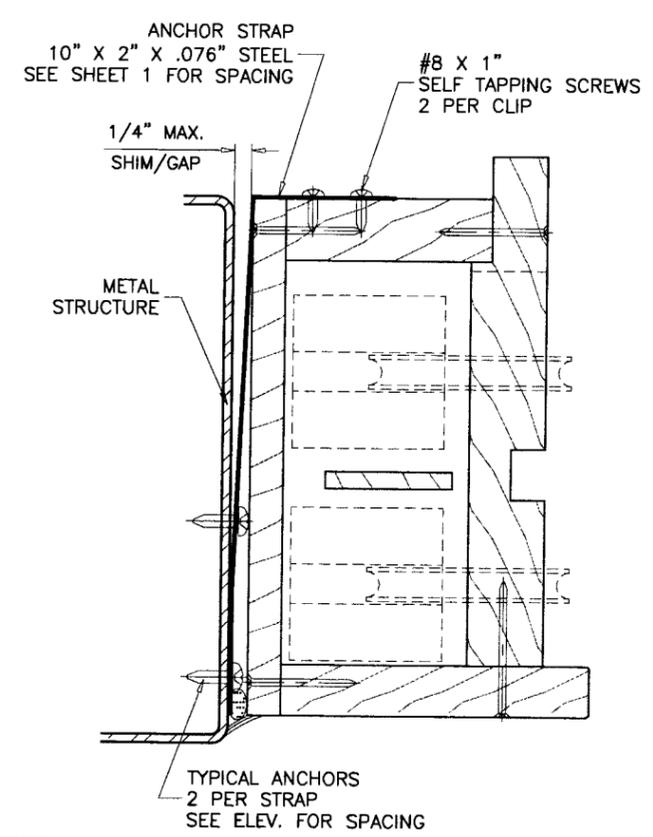
drawing no.  
**W05-03**

sheet 2 of 5



WEIGHT & CHAIN  
BALANCE ASSEMBLY  
(2) IN EACH JAMB  
COMPRISED OF  
LEAD WEIGHTS, BRASS PULLEY  
AND CHAIN

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By Ishaq I. Chaudhry  
Miami Dade Product Control  
Division



STEEL ANCHOR STRAP  
.070" MIN. THK.

Engr: DR. HUMAYOON FAROOQ  
STRUCTURES  
FLA. PE # 16557  
C.A.N. 353e  
  
DEC 21 2006

**af c**  
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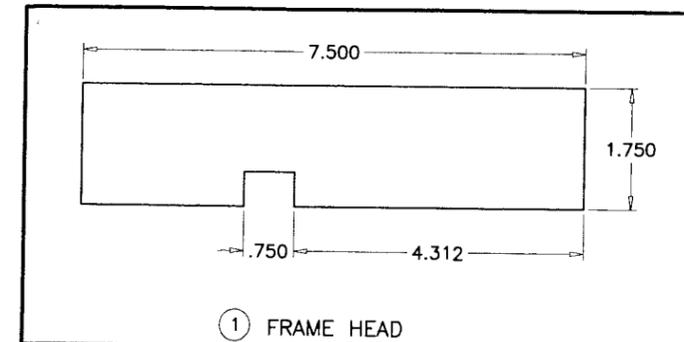
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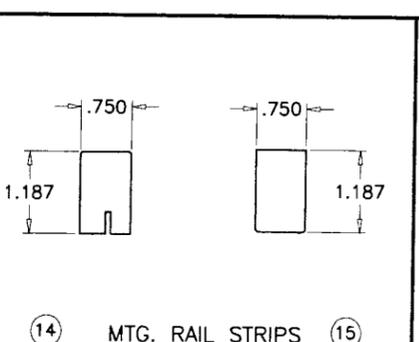
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chk. by:

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**W05-03**  
sheet 3 of 5

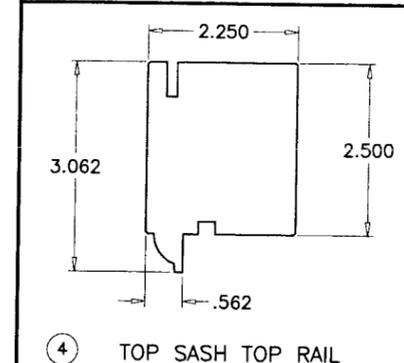
ITEM #	PART NO.	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	-	1	FRAME HEAD	WOOD	-
2	-	1	FRAME SILL	WOOD	-
3	-	2	FRAME JAMB	WOOD	-
4	-	1	TOP SASH TOP RAIL	WOOD	-
5	-	1	TOP SASH BOTTOM RAIL	WOOD	-
6	-	1	BOTTOM SASH TOP RAIL	WOOD	-
7	-	1	BOTTOM SASH BOTTOM RAIL	WOOD	-
8	-	2	SASH JAMB	WOOD	-
9	-	AS REQD.	GLAZING STOP	WOOD	-
10	-	AS REQD.	SASH STOP AT EXTERIOR	WOOD	-
11	-	AS REQD.	BULB GASKET 9/32" DIA.	FLEXIBLE VINYL	-
12	-	AS REQD.	# 8 X 2" WOOD SCREWS	-	⊕ 10" O.C.
13	-	1	DRIP CAP	WOOD	-
14	-	1	MTG. RAIL STRIP	WOOD	-
15	-	1	MTG. RAIL STRIP	WOOD	-
16	-	AS REQD.	SASH STOP INTERIOR	WOOD	⊕ 8" O.C.
17	NO. 6CHX	2	JAMB WEATHERSTRIPPING	BRONZE	ACCURATE
19	NO. 6CHX	1	FRAME HEAD WEATHERSTRIPPING	BRONZE	ACCURATE
20	NO. 3X	1	FRAME SILL WEATHERSTRIPPING	BRONZE	ACCURATE
21	NO. 46-59921	1	CHECK RAIL W'STRIPPING	EPDM	VARNAMO
22	NO. AWD-102	2	SASH LOCK AT 15" FROM ENDS ON INT. MTG. RAIL	-	BRONZE CRAFT
23	NO. AWD-100-1	2	SASH LOCK KEEPER ALLIGNED WITH LOCKS ON EXT. MTG. RAIL	-	BRONZE CRAFT
24	NO. 26	2	SASH LIFT	-	BRONZE CRAFT
25	-	1	SASH STOP EXTERIOR	WOOD	-
26	-	1	SASH STOP SILL	WOOD	-
27	-	1	SILL NOSING	WOOD	-
28	-	AS REQD.	BRICK MOULDING (HEAD)	WOOD	-
29	-	AS REQD.	BRICK MOULDING JAMB (OPTIONAL)	WOOD	-



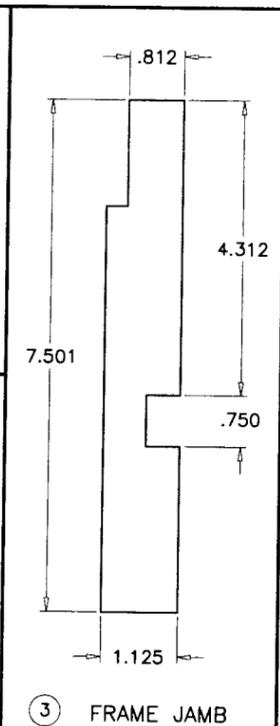
① FRAME HEAD



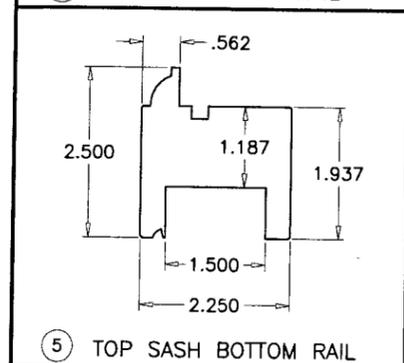
⑭ MTG. RAIL STRIPS ⑮



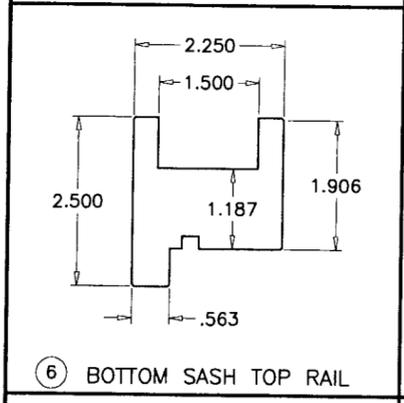
④ TOP SASH TOP RAIL



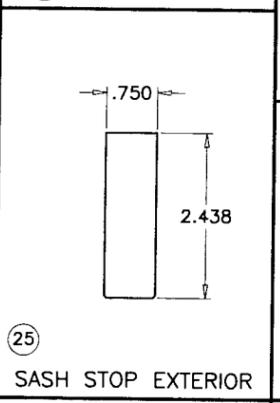
③ FRAME JAMB



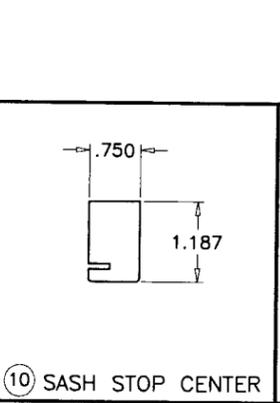
⑤ TOP SASH BOTTOM RAIL



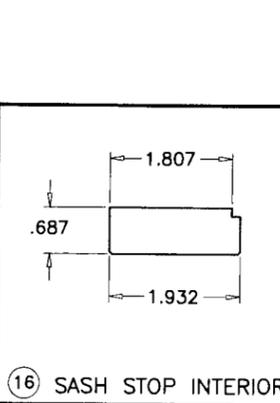
⑥ BOTTOM SASH TOP RAIL



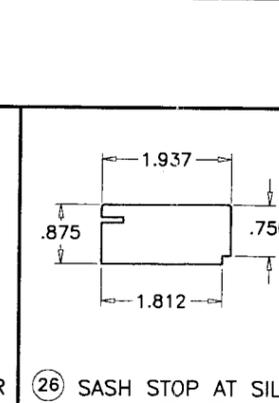
⑳ SASH STOP EXTERIOR



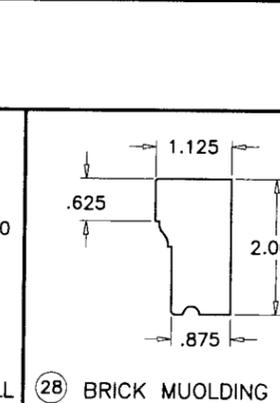
⑩ SASH STOP CENTER



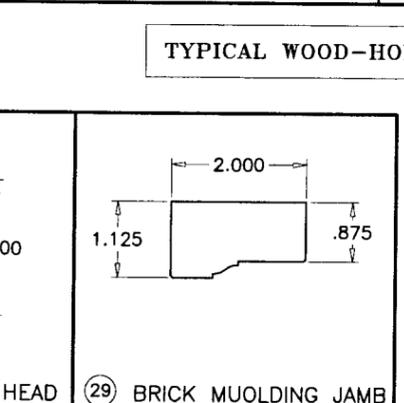
⑯ SASH STOP INTERIOR



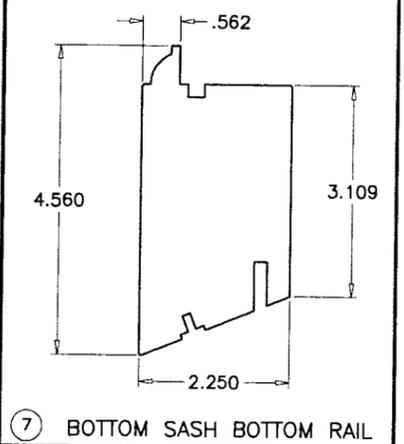
⑳ SASH STOP AT SILL



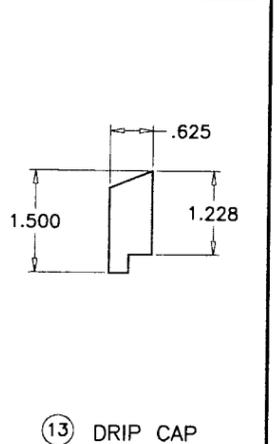
㉘ BRICK MUOLDING HEAD



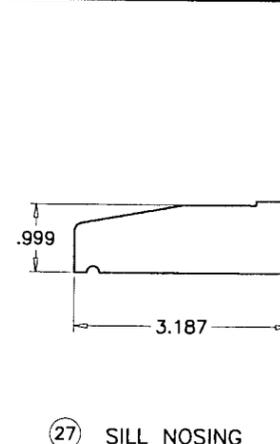
㉙ BRICK MUOLDING JAMB



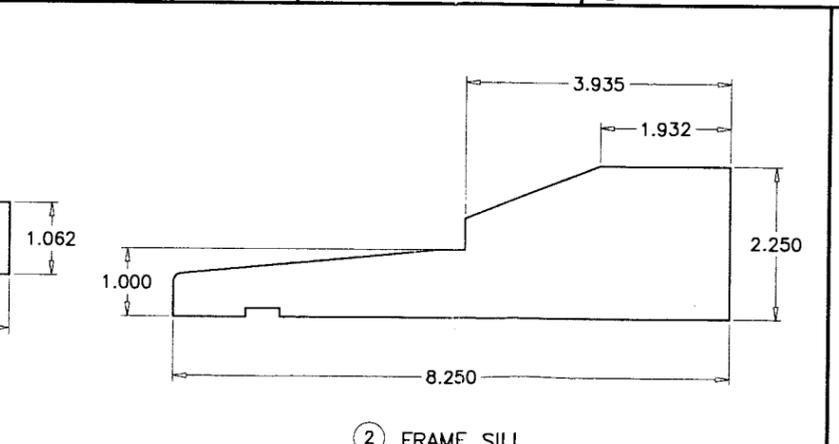
⑦ BOTTOM SASH BOTTOM RAIL



⑬ DRIP CAP



㉗ SILL NOSING



② FRAME SILL

TYPICAL WOOD-HONDURES MAHOGANY LUMBER

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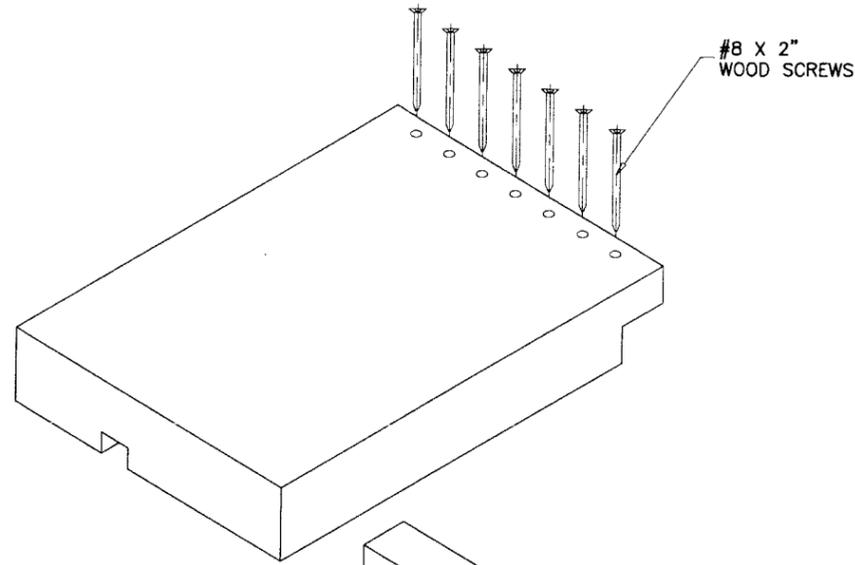
**afC**  
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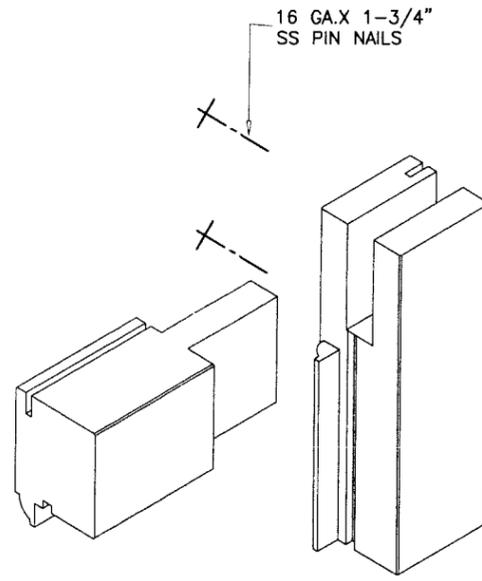
revisions:	no	date	description
	A	08.01.06	NO CHANGE THIS SHEET
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date: 01-14-05  
scale: 3/8" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W05-03**  
sheet 4 of 5

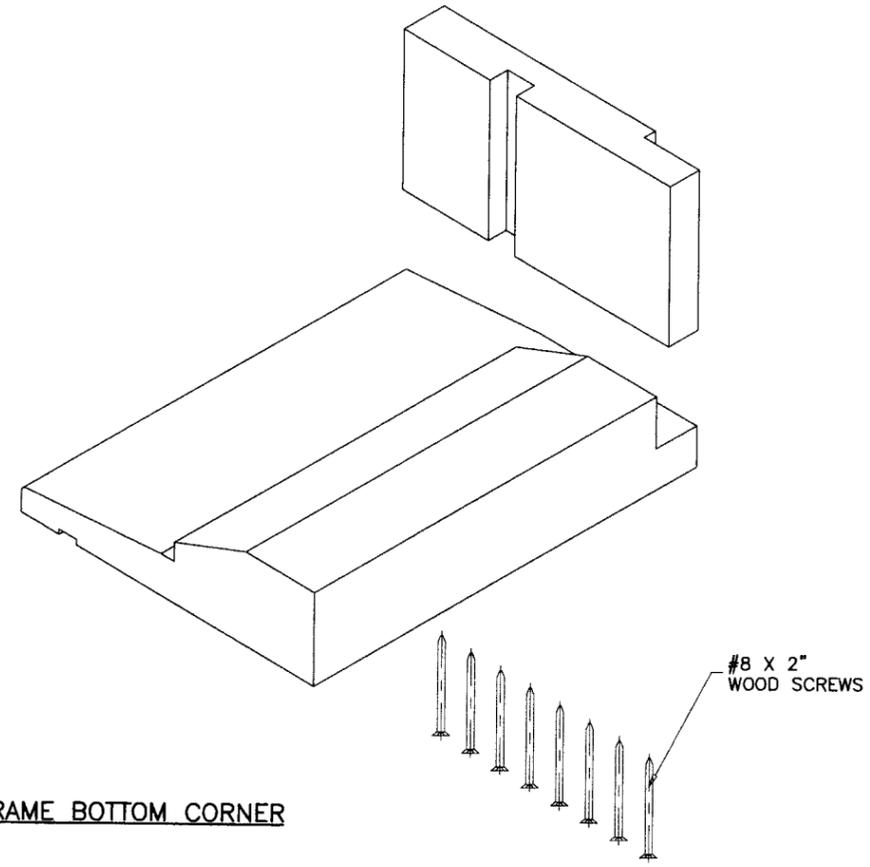


FRAME TOP CORNER

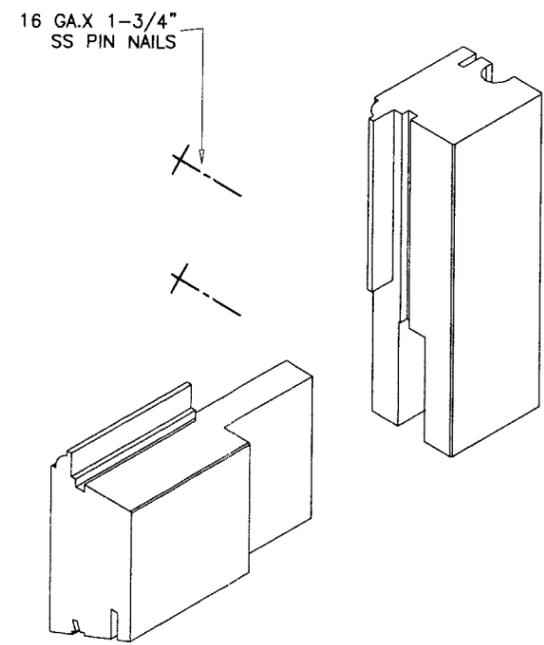


SASH TOP CORNER

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



FRAME BOTTOM CORNER



SASH BOTTOM CORNER

Engr: DR. HUMAYOUN FAROOQ  
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scale: 3/8" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W05-03**

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