



**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**

**NOTICE OF ACCEPTANCE (NOA)**

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**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 the High Velocity Hurricane Zone.

**DESCRIPTION: Series Weight & Chain Double Hung Wood Window-L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **W05-03**, titled "Series W&C Double Hung Wood Windows-L.M.I.", sheets 1 through 5 of 5, dated 01/14/05, prepared by AL-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval 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 consists of this page 1 and evidence pages E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Herminio F. Gonzalez, P.E., Director, BCCO**

*Mx*  
*4/13/05*



**NOA No 05-0224.01**  
**Expiration Date: May 05, 2010**  
**Approval Date: May 05, 2005**  
**Page 1**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **W05-03**, titled "Series W&C Double Hung Wood Window-L.M.I.", sheets 1 through 5 of 5, dated 01/14/05, prepared by AL-Farooq Corporation, signed and sealed by Humayoun Farooq, 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 (b) and TAS 202-94along with marked-up drawings and installation diagram of wood double hung window, prepared by Architectural Testing, Test Report No. **ATI-52946.01-122-18**, dated 08/23-27/04, signed and sealed by Steven M. Urich, P.E.

**C. CALCULATIONS**

1. Anchor Calculations, ASTM-E1300 and structural analysis, prepared by AL-Farooq Corporation, dated 02/04/05, signed and sealed by Humayoun Farooq, P.E.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

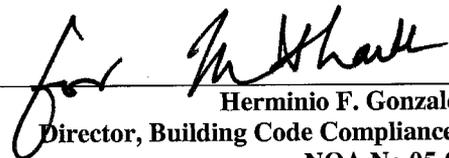
1. Notice of Acceptance No. **01-0205.02** issued to Solutia Inc. for their "Saflex /Keepsafe Maximum" dated 05/17/01, expiring on 05/21/06.

**F. STATEMENTS**

1. Statement letter of conformance, dated 02/04/05, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, dated 02/04/05, signed and sealed by Humayoun Farooq, P.E.

**G. OTHER**

1. Letter from consultant stating that the product is in compliance with the Florida Building Code (FBC).

  
\_\_\_\_\_  
Herminio F. Gonzalez, P.E.  
Director, Building Code Compliance Office

NOA No 05-0224.01

Expiration Date: May 05, 2010

Approval Date: May 05, 2005

no	date	by	description

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

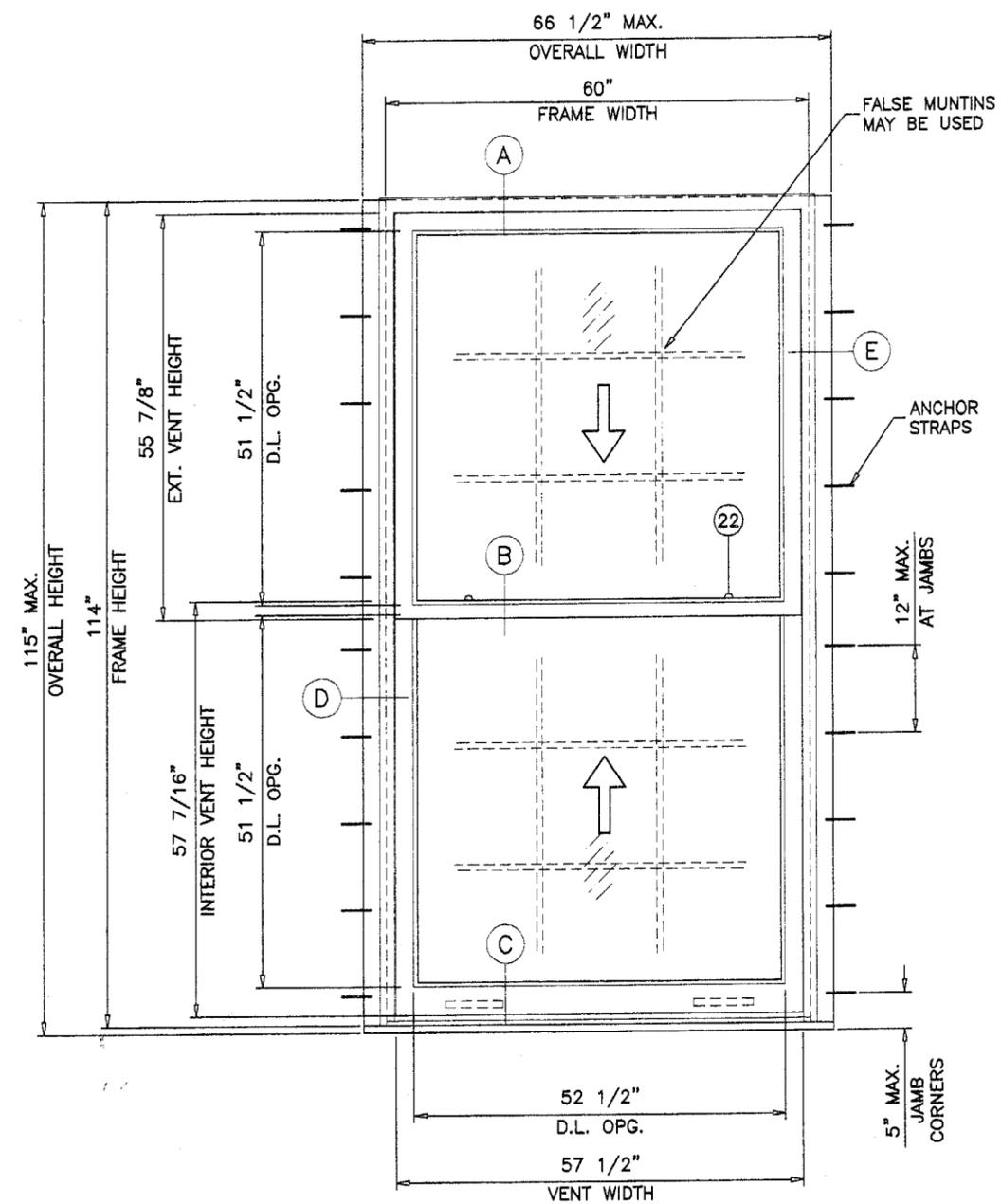
THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE.

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

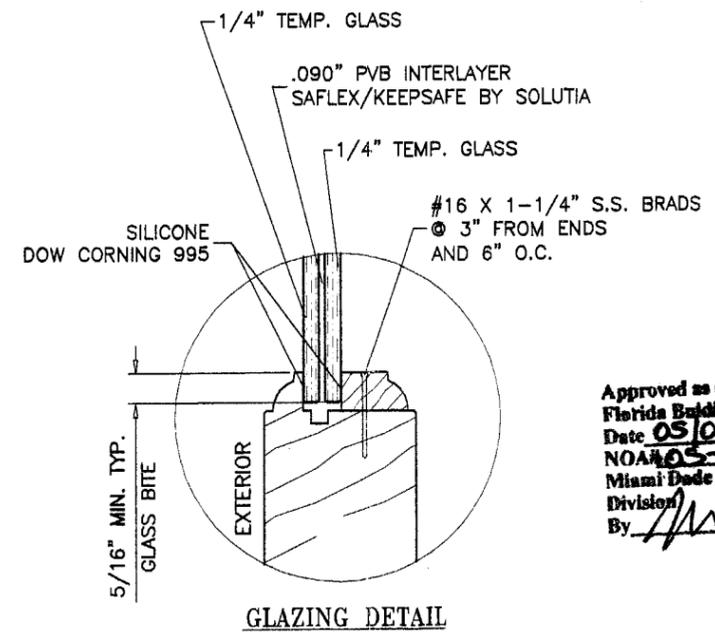
ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

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

A 33% INCREASE IN ALLOWABLE STRESS WAS USED IN DESIGN OF ANCHORS.



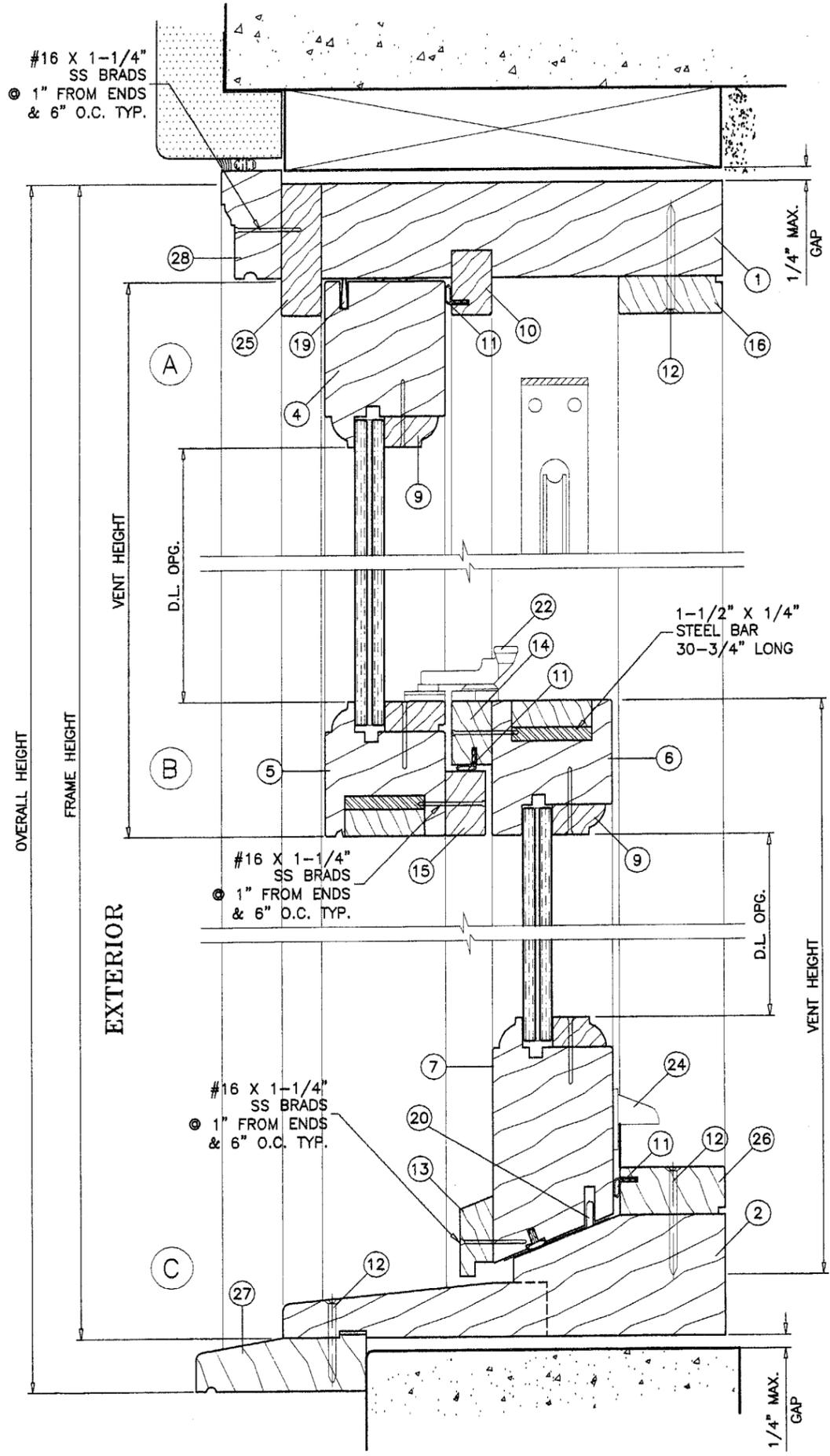
TYPICAL ELEVATION



GLAZING DETAIL

Approved as complying with the Florida Building Code  
 Date: 05/05/05  
 NOA# 05-0224.01  
 Miami Dade Product Control Division  
 By: *[Signature]*

Engr: DR. HUMAYOON FAROOQ  
 STRUCTURES  
 FLA. PE # 16557  
 C.A.N. 3538  
 FEB 11 2005



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

**TYPICAL ANCHORS:**  
**THRU INSTALLATION CLIPS**

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

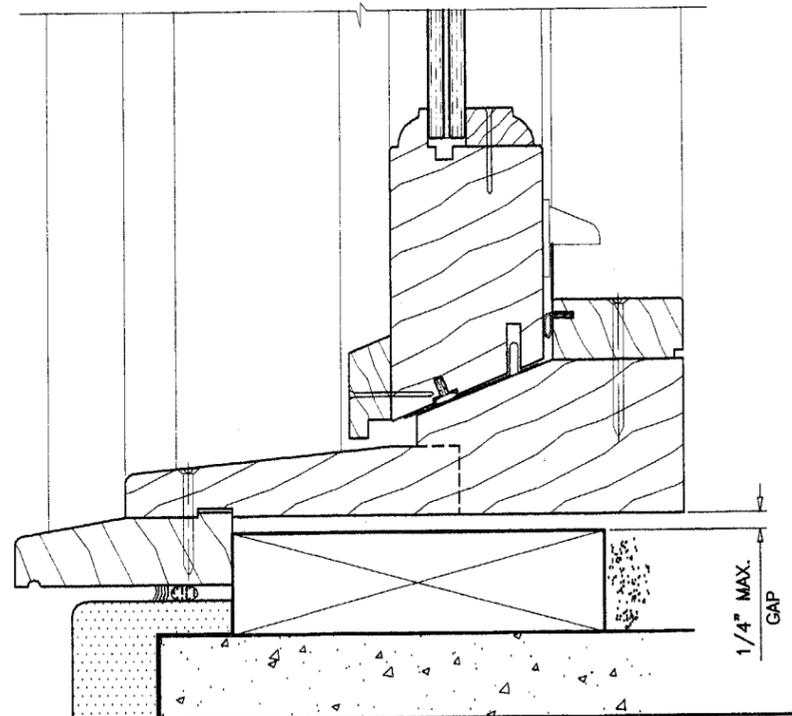
**3/16" DIA. TAPCONS**  
THRU WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY  
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

**#12 SMS OR 3/16" DIA. ELCO DRILLFLEX**  
INTO METAL STRUCTURES  
(STEEL OR ALUMINUM 1/8" MIN. THICK.)

STEEL : Fy = 36 KSI MIN.  
ALUMINUM : 6063-T5 MIN.

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



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Date 05/05/05  
NOA05-0224.01  
Miami Dept Product Control  
Division  
By *[Signature]*

Engr. DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 18557  
C.A.N. 3538

FEB 11 2005

*afc*

**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 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.)

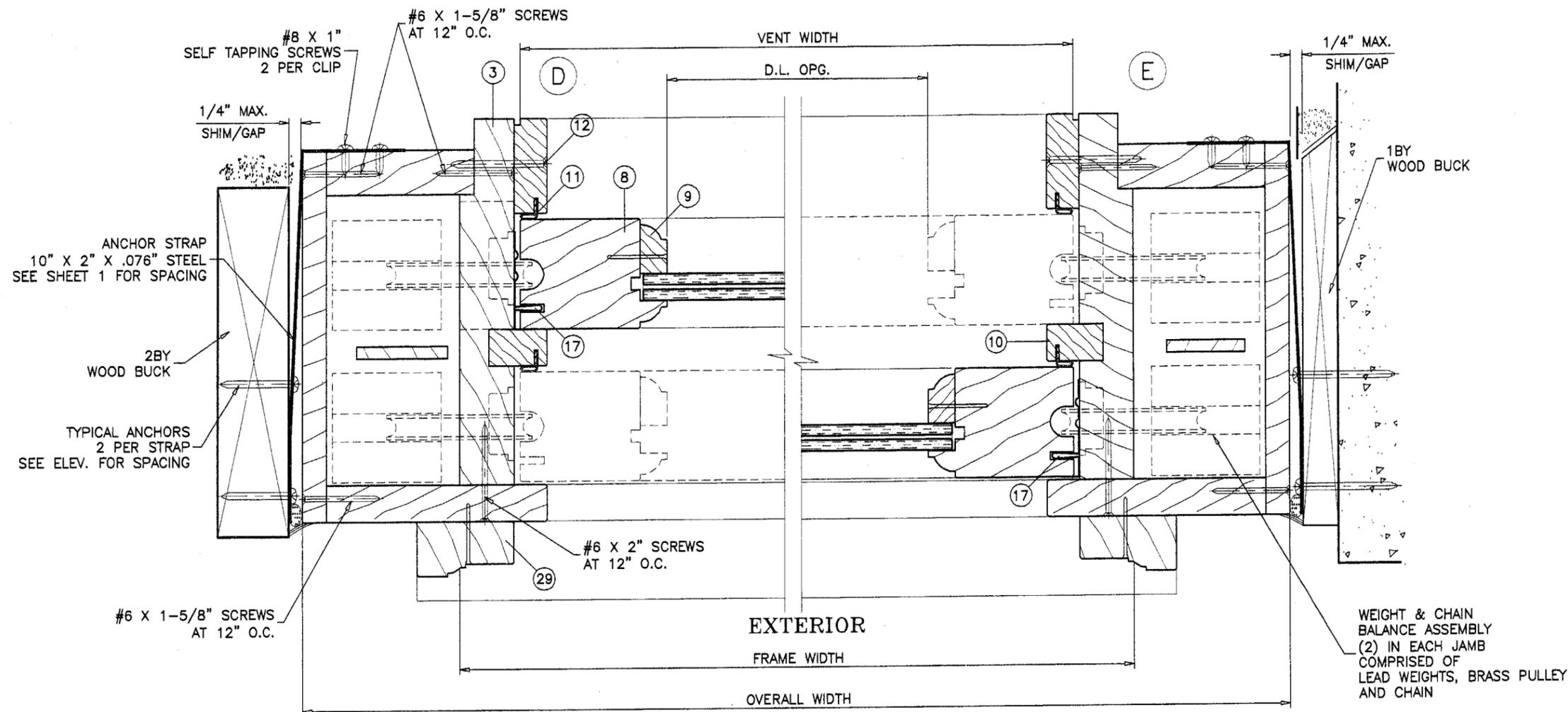
**ZELUCK INC.**  
5300 KINGS HIGHWAY  
BROOKLYN, N.Y. 11234  
TEL. (718) 251-8060 FAX (718) 531-2564

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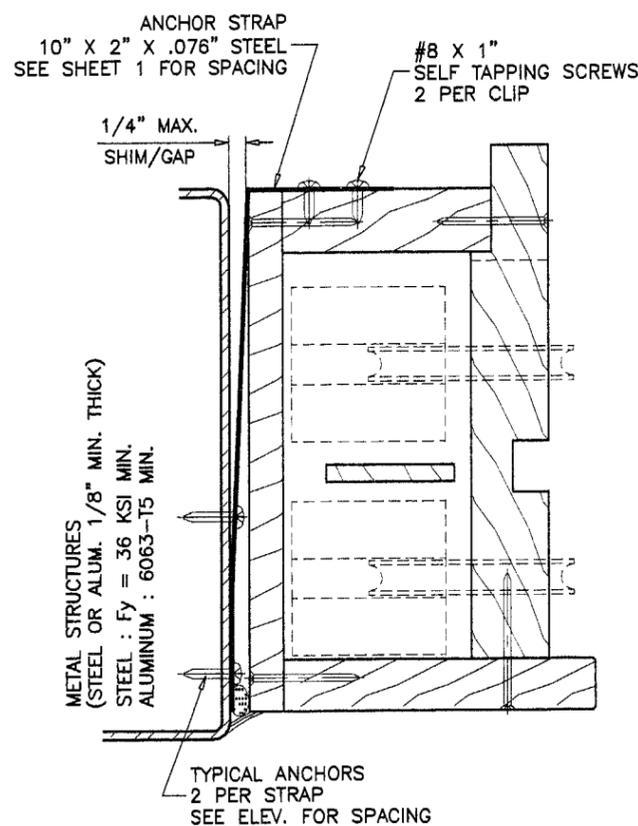
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chk. by:

drawing no.  
**W05-03**

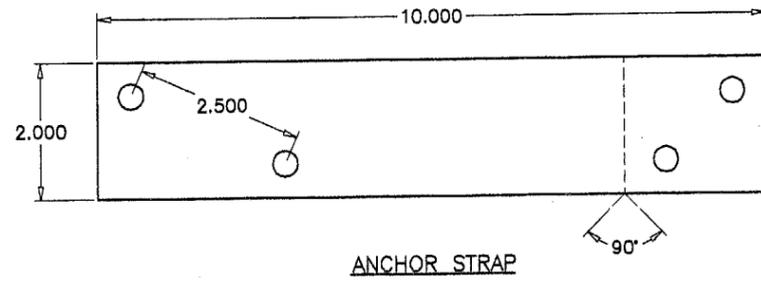
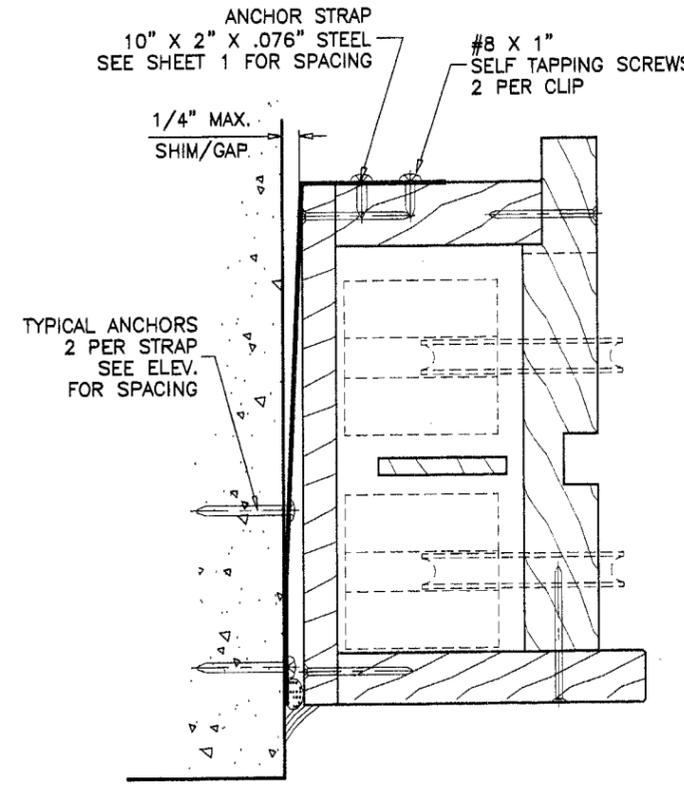
sheet 2 of 5



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



METAL STRUCTURES  
(STEEL OR ALUM. 1/8\"/>



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

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afc

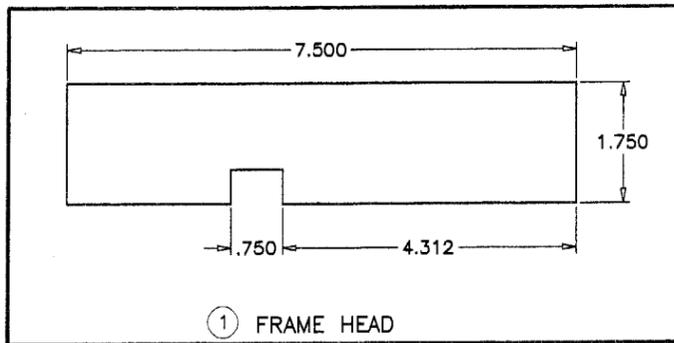
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MIAMI, FLORIDA 33174  
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BROOKLYN, N.Y. 11234  
TEL (718) 251-8060 FAX (718) 531-2564

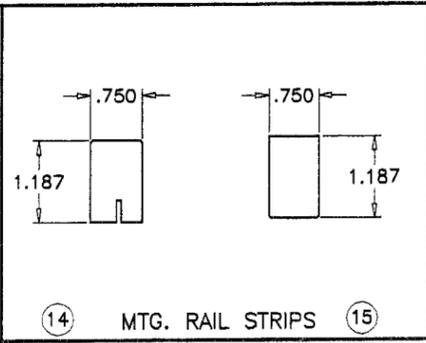
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chk. by:

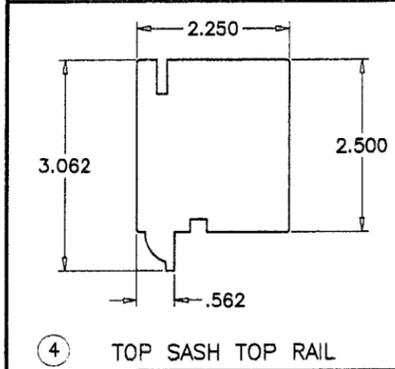
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W05-03  
sheet 3 of 5



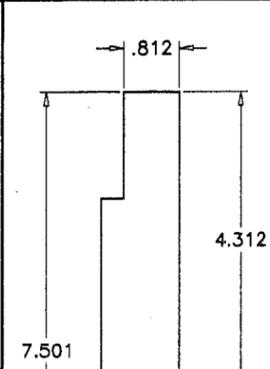
① FRAME HEAD



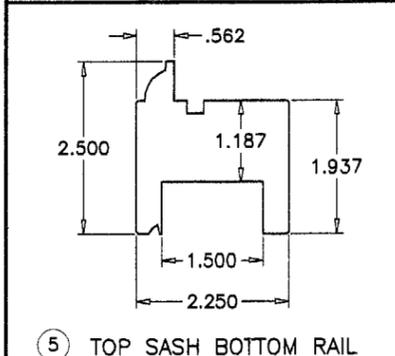
⑭ MTG. RAIL STRIPS ⑮



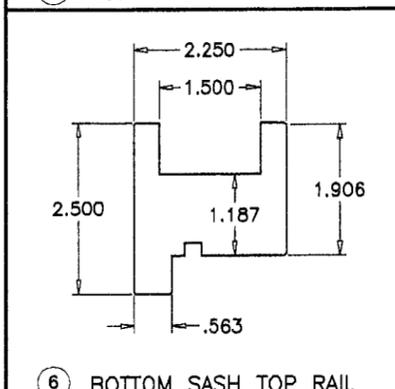
④ TOP SASH TOP RAIL



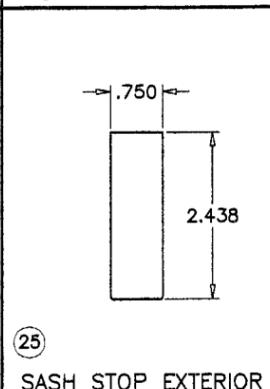
③ FRAME JAMB



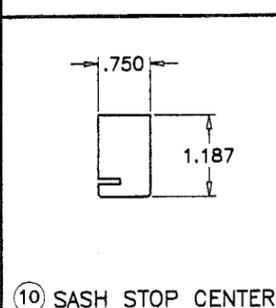
⑤ TOP SASH BOTTOM RAIL



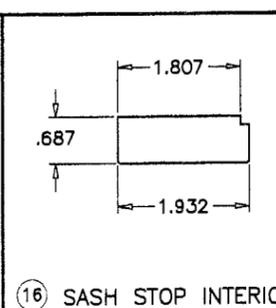
⑥ BOTTOM SASH TOP RAIL



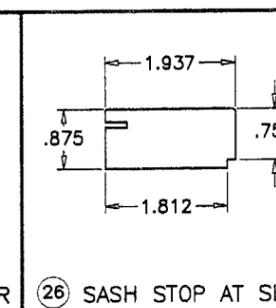
⑫ SASH STOP EXTERIOR



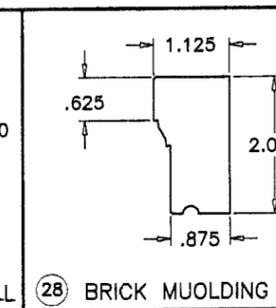
⑩ SASH STOP CENTER



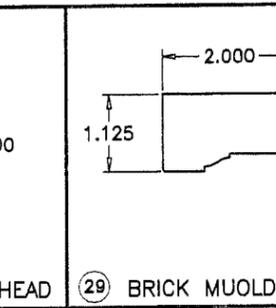
⑩ SASH STOP INTERIOR



⑫ SASH STOP AT SILL

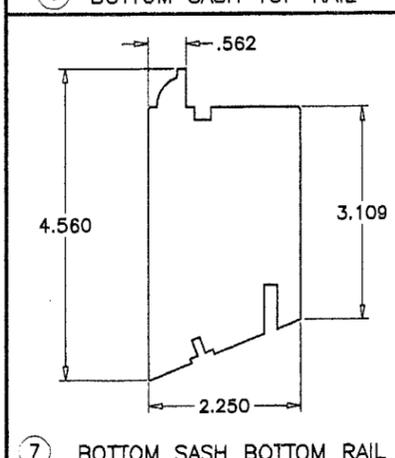


⑫ BRICK MUOLDING HEAD

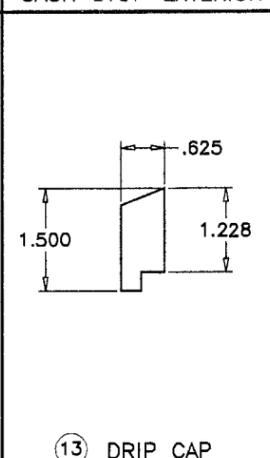


⑫ BRICK MUOLDING JAMB

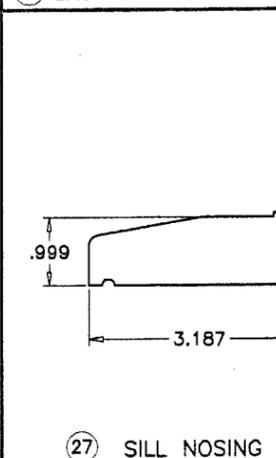
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 Miami Code Product Control  
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 By *[Signature]*



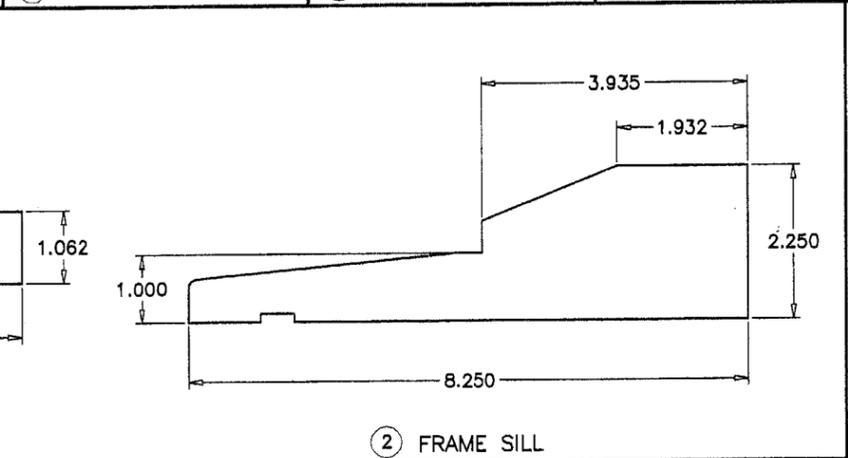
⑦ BOTTOM SASH BOTTOM RAIL



⑬ DRIP CAP



⑬ SILL NOSING



② FRAME SILL

TYPICAL WOOD-HONDURES MAHOGANY LUMBER

Engr: DR. HUMAYOUN FAROOQ  
 STRUCTURES  
 FLA. PE # 18357  
 C.A.N. 3538

FEB 11 2005

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
18	-	-	-	-	-
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	-

AL-FAROOQ CORPORATION  
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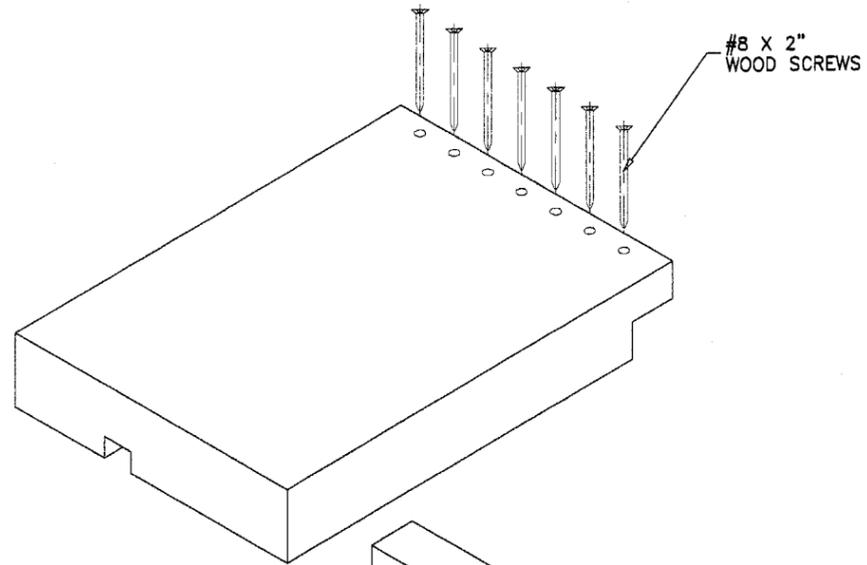
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revisions:	no	date	by	description

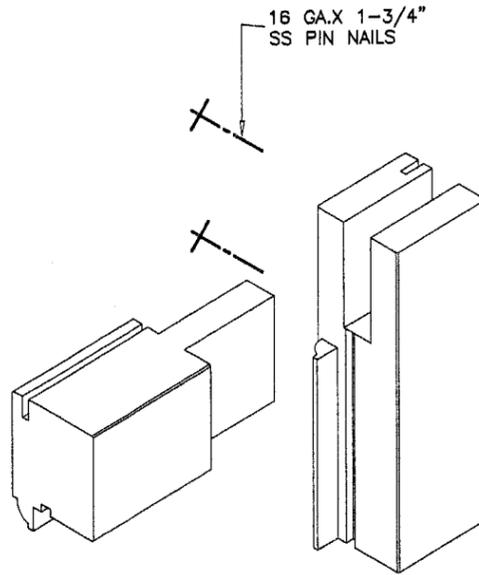
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sheet 4 of 5

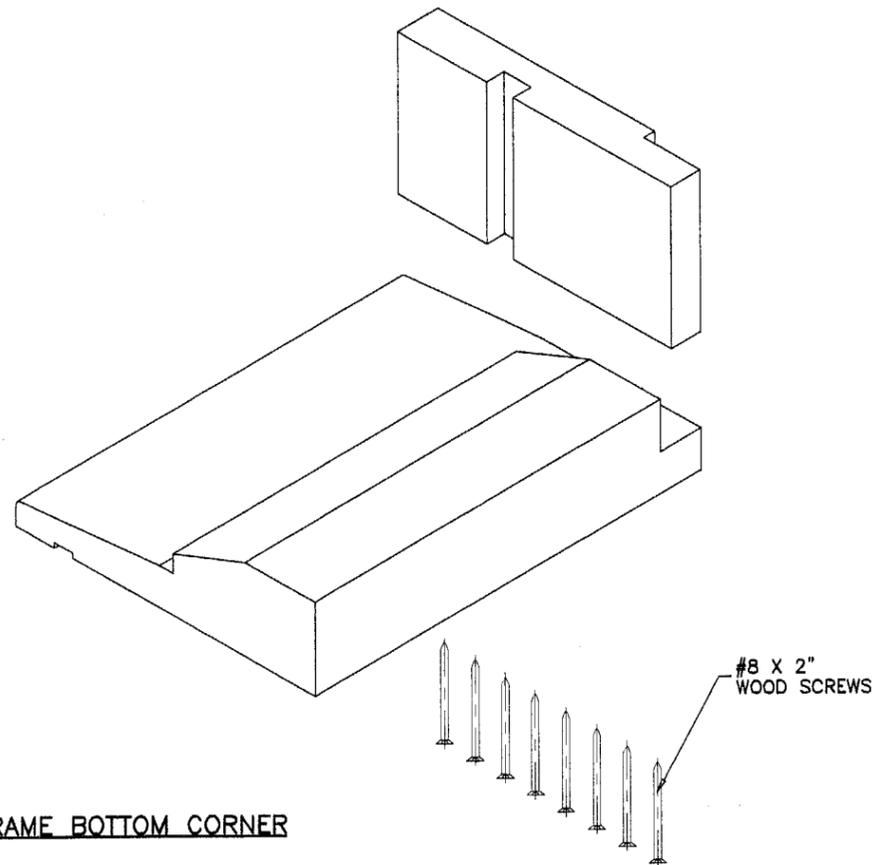


FRAME TOP CORNER

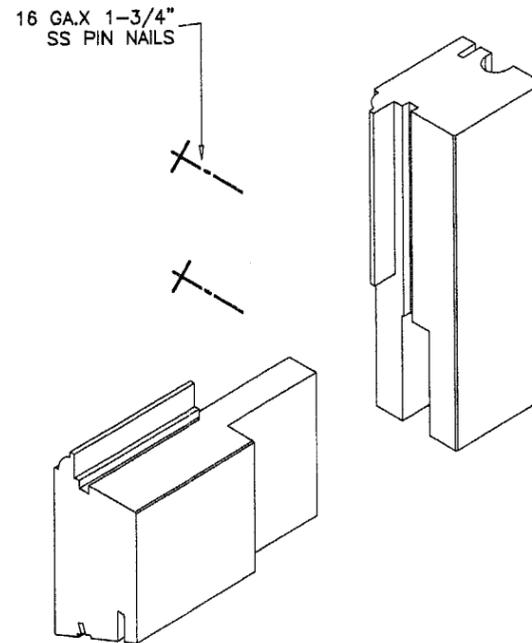


SASH TOP CORNER

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



FRAME BOTTOM CORNER



SASH BOTTOM CORNER

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 Division  
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*afc*

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date: 01-14-05  
 scale: 3/8" = 1"  
 dr. by: HAMID  
 chk. by:

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drawing no.  
**W05-03**

sheet 5 of 5