



**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)**

**Hartman Windows and Doors, LLC  
531 Southern Boulevard  
West Palm Beach, FL 33405**

**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: "Mahogany" Wood Fixed Window**

**APPROVAL DOCUMENT:** Drawing No. **W2.0**, titled "Fixed Mahogany Window", sheets 1 through 3 of 3, dated 10/19/99, revised on 7/2004, prepared by Sinclair Engineering, signed and sealed by Stephen M. Sinclair, 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 and renews** NOA # **97-0903.01** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



**NOA No 04-0426.02  
Expiration Date: June 7, 2009  
Approval Date: July 8, 2004  
Page 1**

**Hartman Windows and Doors, LLC**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No **W2.0**, Sheets 1 through 3 of 3, titled "Fixed Mahogany Window", dated 10/19/99 and revised on 7/2004, prepared by Sinclair Engineering, signed and sealed by Stephen M. Sinclair, P.E.

**B. TESTS**

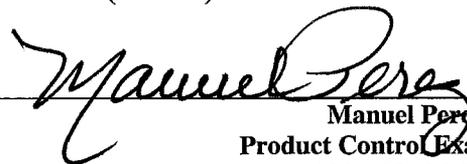
1. Test reports on 1) Air Infiltration Test, per SFBC, PA 202-94  
2) Uniform Static Air Pressure Test, Loading per SFBC, PA 202-94  
3) Water Resistance Test, per SFBC, PA 202-94  
along with marked-up drawings and installation diagram of an wood fixed window, prepared by Hurricane Engineering & Testing Inc., Test Report No. **HETI-97-1093**, dated 03/13/97, signed and sealed by Hector M. Medina, P.E.
2. Test reports on 1) Large Missile Impact Test per SFBC, PA 201-94  
2) Cyclic Wind Pressure Loading per SFBC, PA 203-94  
along with marked-up drawings and installation diagram of an wood fixed window, prepared by Hurricane Engineering & Testing Inc., Test Report No. **HETI-97-009**, dated 03/12/97, signed and sealed by Hector M. Medina, P.E.
3. Test reports on 1) Air Infiltration Test, per SFBC, PA 202-94  
2) Uniform Static Air Pressure Test, Loading per SFBC, PA 202-94  
3) Water Resistance Test, per SFBC, PA 202-94  
4) Large Missile Impact Test per SFBC, PA 201-94  
5) Cyclic Wind Pressure Loading per SFBC, PA 203-94  
along with marked-up drawings and installation diagram of an wood fixed window, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0137-1006-99** dated 10/11 & 12/97, signed and sealed by Vinu J. Abraham, P.E.

**C. CALCULATIONS**

1. Calculations for connections prepared by Robert Kraft Engineering, dated 08/21/97, sheets 1 & 2, signed and sealed by R. J. Kraft, P.E.
2. Anchor calculations prepared by Kraft Engineering, Corp., dated 06/02/99, sheets 1 and 2, signed and sealed by R. J. Kraft, P.E.
3. Anchor calculations prepared by Sinclair Engineering Company, on 02/23/2001, sheets 1 through 3, signed and sealed by S. M. Sinclair, PE.

**D. QUALITY ASSURANCE**

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



Manuel Perez, P.E.  
Product Control Examiner  
NOA No 04-0426.02  
Expiration Date: June 7, 2009  
Approval Date: July 8, 2004

**Hartman Windows and Doors, LLC**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**E. MATERIAL CERTIFICATIONS**

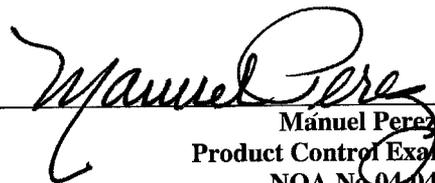
1. Notice of Acceptance No. **98-0608.03** issued to E.I. DuPont DeNemours for "Sentry Glass Plus" dated 01/14/99, expiring on 01/14/02.

**F. STATEMENTS**

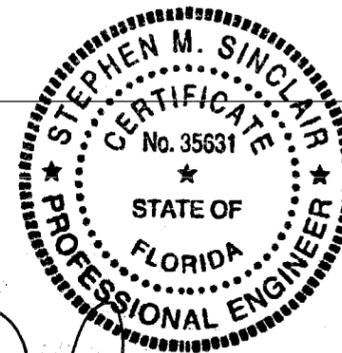
1. Statement letter of Compliance, issued by Robert Kraft Engineering dated 08/21/97, signed and sealed by R. J. Kraft, PE.
2. Statement letter of "No Financial Interest" issued by Robert Kraft Engineering, dated 06/15/97, signed and sealed by R. J. Kraft, P.E.
3. Statement letter of No Financial Interest issued by Sinclair Engineering Company dated 02/19/01, signed and sealed by S. M. Sinclair, PE.
4. Test compliance letter issued by Hurricane Test Laboratory, Inc. on 12/03/99, signed and sealed by V. J. Abraham, PE.
5. Asset Purchase Agreement between Hartman Windows and Doors, LLC and Platinum Industries, Inc., notarized and dated February 1, 2002.

**G. OTHER**

1. Notice of Acceptance No. **97-0903.01**, issued to Platinum Industries, Inc. for their Wood Fixed Window, approved on 06/07/01 and expiring on 06/07/04.



Mánuel Perez, P.E.  
Product Control Examiner  
NOA No 04-0426.02  
Expiration Date: June 7, 2009  
Approval Date: July 8, 2004



*Stephen M. Sinclair*

Steven Sinclair  
Professional Engineer  
Certificate Number 35631  
Job Number 03-04015

**JUL 21 2004**

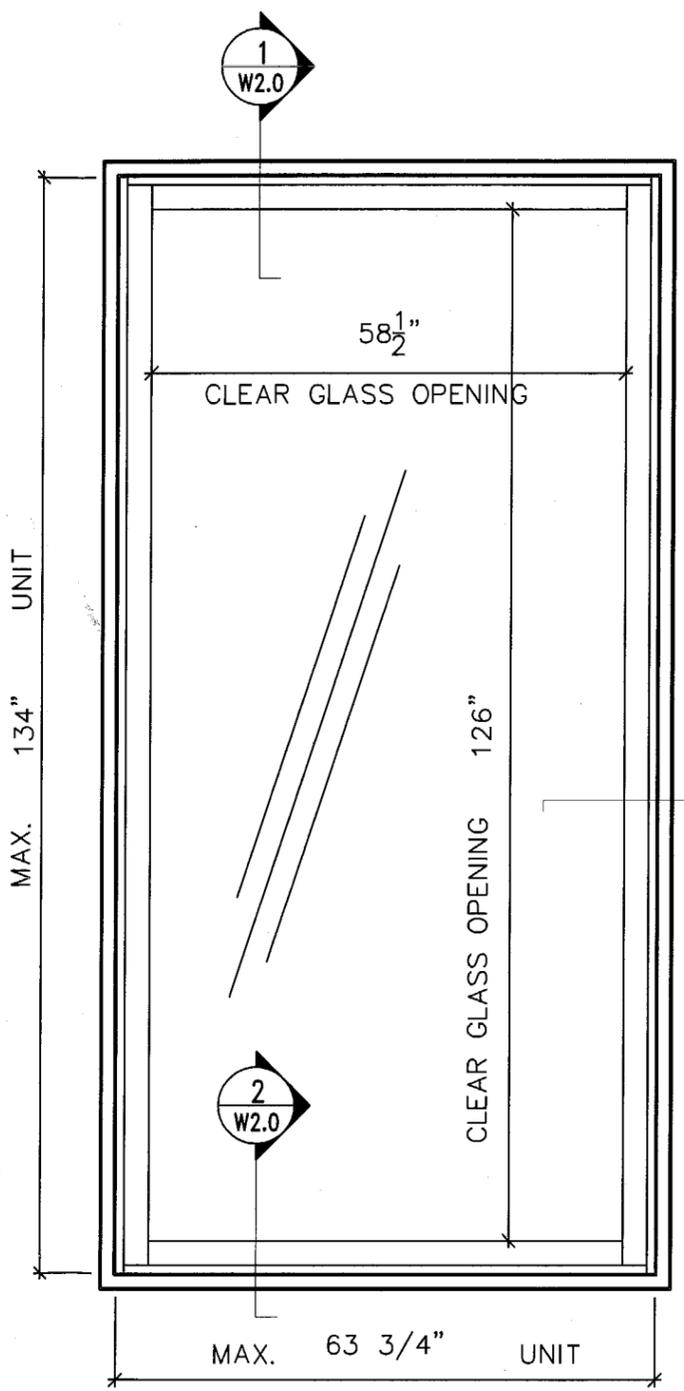
design pressure rating  
+/- 70 PSF

**FOR OFFICIAL USE ONLY**

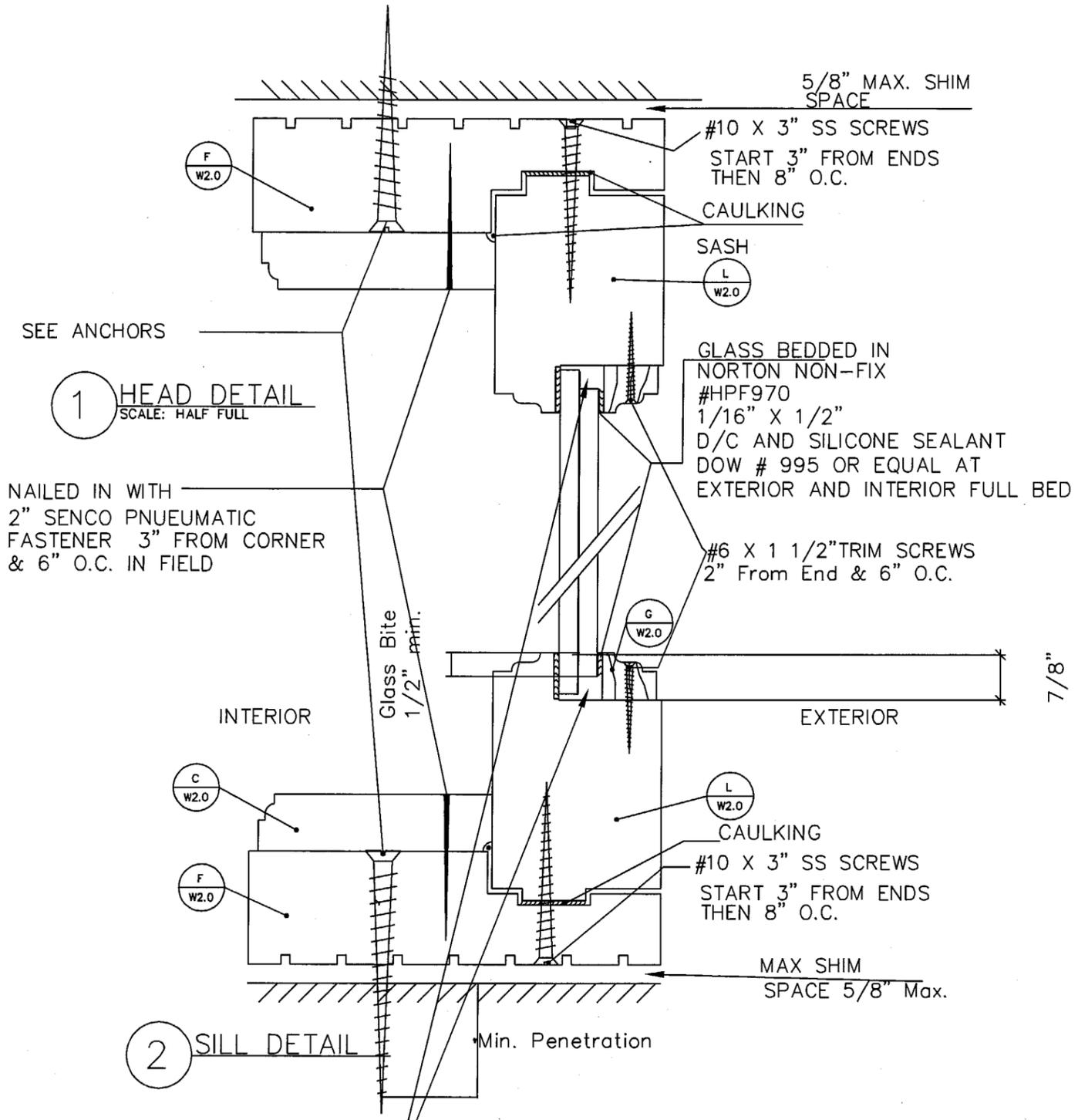
Approved as complying with the Florida Building Code  
Date JULY 8, 2004  
NOA# 04-0426.02  
Miami Dade Product Control Division  
By *Manuel Perry*

DRAWN VSO
REVISION name change 7/2004
DATE 10-19-99
SCALE 1/2" = 1'0"
SHEET <b>W2.0</b>
1 OF 3 SHEETS

**FIXED MAHOGANY WINDOW**  
**HARTMAN WINDOWS AND DOORS, LLC**  
 SINCLAIR ENGINEERING  
 8259 North Military Trail  
 Palm Beach Gardens, FL 33418  
 TEL. (561) 640-5488  
 COA # 5426  
 531 SOUTHERN BOULEVARD WEST PALM BEACH, FL 33405  
 PHONE 561-296-9600 FAX 561-296-9601  
 www.hartmanwindows.com



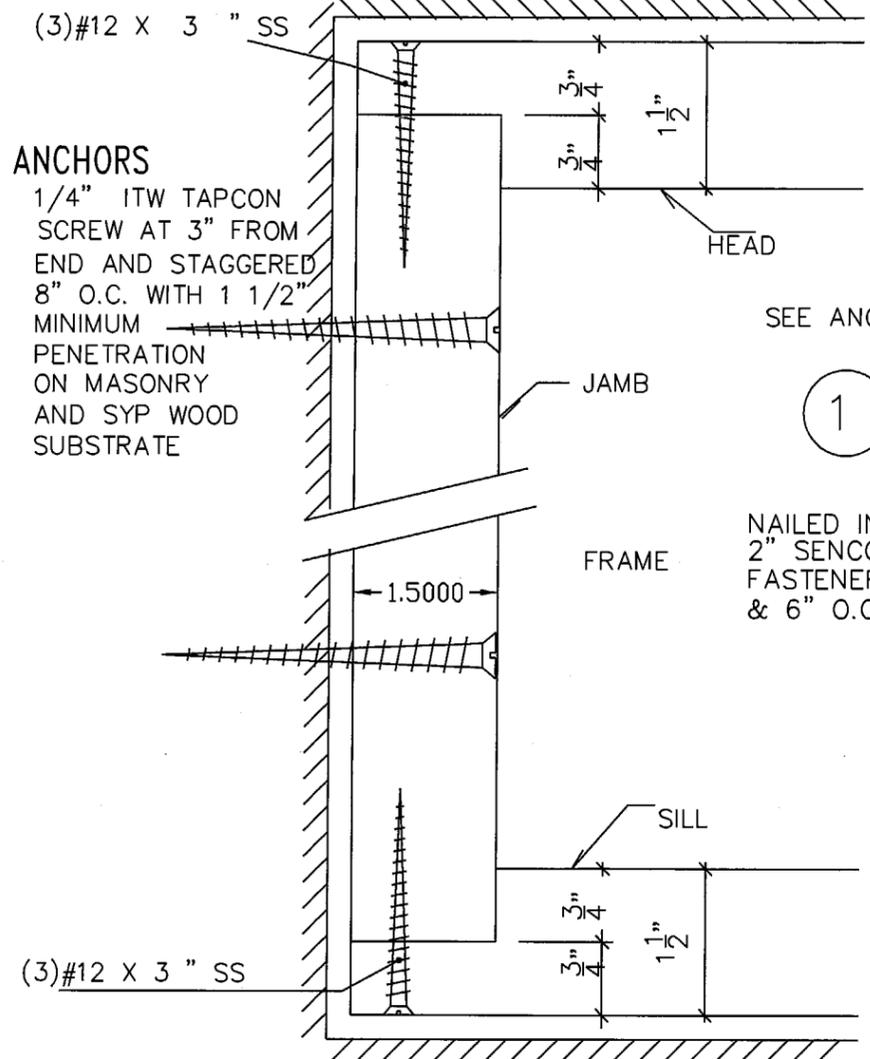
**2** FIXED WINDOW  
scale: 1/2" = 1'-0"



Alternative Glass Glazing  
Sentry Glass Plus Full bed of Dupont 995 Sealant. Laminate covers Entire Large Glass. Max Step Between Glasses is 1/4". Minimum Bite 1/2" Both sides.

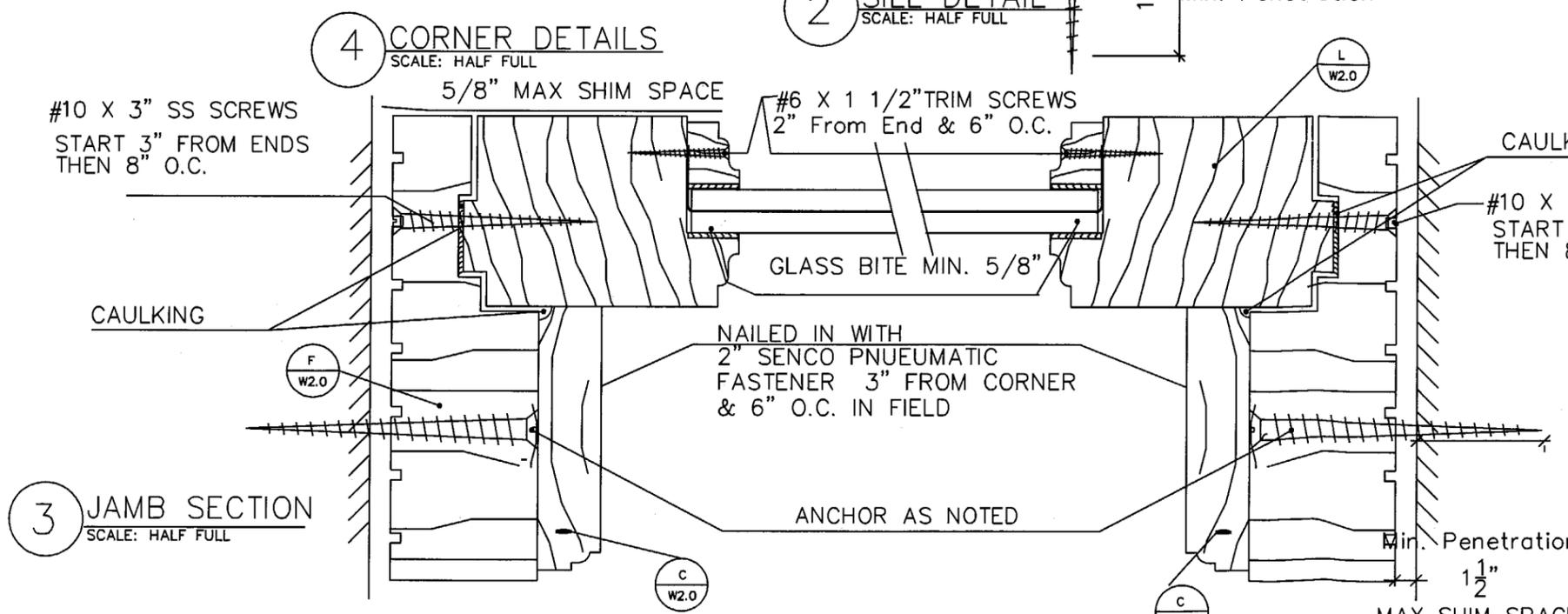
**1** HEAD DETAIL  
SCALE: HALF FULL

**2** SILL DETAIL



**ANCHORS**  
 1/4" ITW TAPCON SCREW AT 3" FROM END AND STAGGERED 8" O.C. WITH 1 1/2" MINIMUM PENETRATION ON MASONRY AND SYP WOOD SUBSTRATE

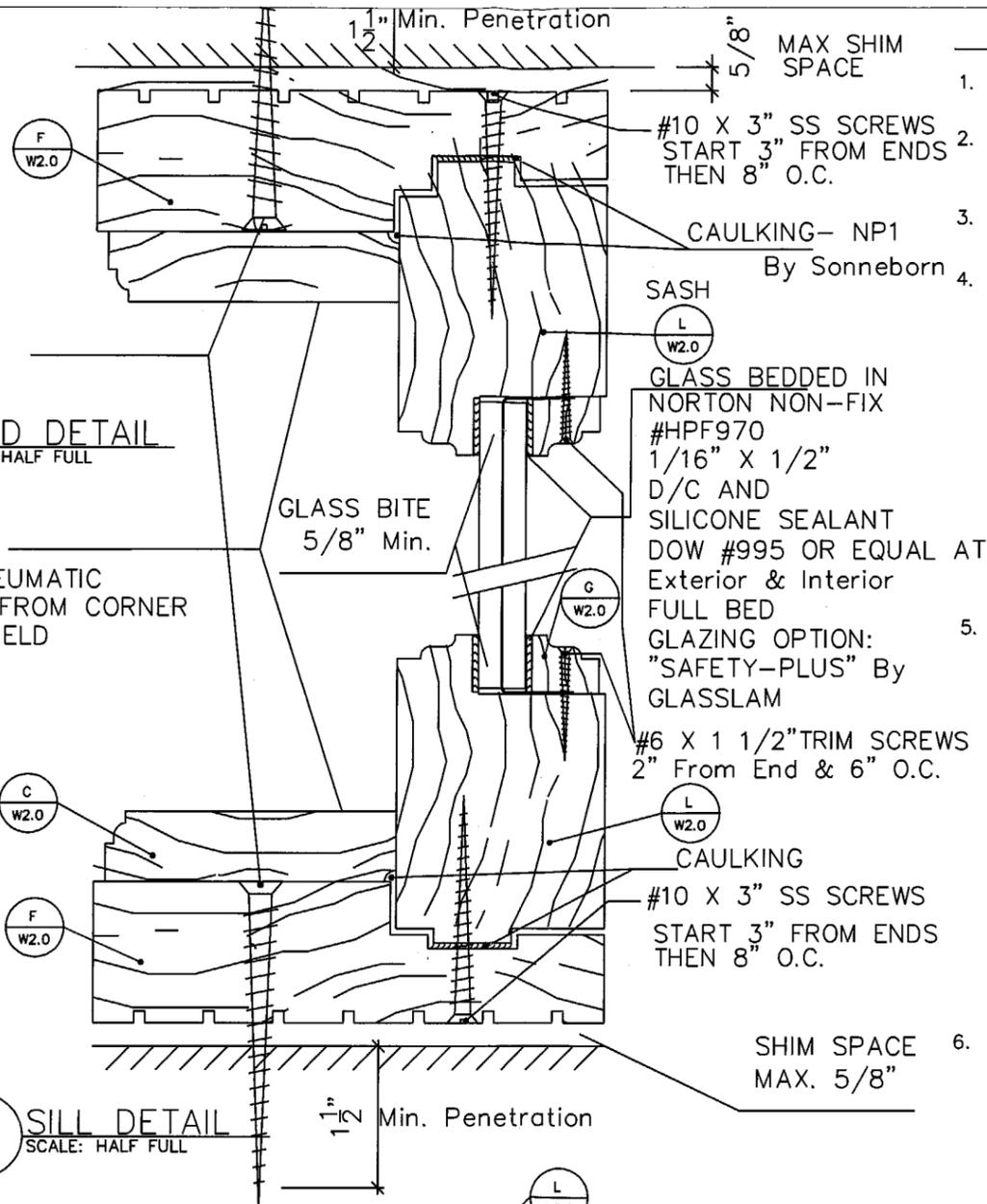
**1 HEAD DETAIL**  
 SCALE: HALF FULL



**3 JAMB SECTION**  
 SCALE: HALF FULL

**2 SILL DETAIL**  
 SCALE: HALF FULL

**4 CORNER DETAILS**  
 SCALE: HALF FULL



**1**

**L**  
 W2.0

**L**  
 W2.0

**L**  
 W2.0

**C**  
 W2.0

**C**  
 W2.0

**GENERAL NOTES**

- DIRECT SET FIXED WINDOW HAS BEEN DESIGNED IN ACCORDANCE WITH SOUTH FLORIDA BUILDING CODE 1994 EDITION
  - POSITIVE AND NEGATIVE DESIGN PRESSURE CALCULATIONS SHALL BE PERFORMED IN ACCORDANCE WITH ACSE 7-88 MINIMUM DESIGN LOADS FOR BUILDING AND OTHER STRUCTURES
  - CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI IN 28 DAYS.
  - THE DETAILS AND SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS PROPOSED FOR IMPACT, CYCLIC AND UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH DADE COUNTY PROTOCOLS PA 201, 202, 203 WITH DESIGN LOADS AS FOLLOWS:
    - POSITIVE DESIGN LOAD 70 PSF
    - NEGATIVE DESIGN LOAD 70 PSF
- THE DADE COUNTY CERTIFIED TESTING LABORATORY PERFORMING THE TESTS ACKNOWLEDGED THE SATISFACTORY COMPLETION OF SUCH TESTS AND VERIFIED THE PRODUCTS TESTED ARE AS NOTED HEREIN.
- ANCHORS SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS OR EQUIVALENT DESIGN DATA.
    - WOOD STRUCTURE - USE ONLY
      - ITW 1/4" TAPCON CONCRETE SCREW (MIN. PENETRATION 1 1/2")
      - @ 8" O.C. BEGIN 1ST SCREW WITHIN 3" OF TOP AND BOTTOM (MIN. PENETRATION 1 1/2")
      - SYP WOOD - 225 LB SHEAR
    - CONCRETE OR BLOCK STRUCTURE - USE ONLY
      - ITW 1/4" TAPCON CONCRETE SCREW (MIN. PENETRATION 1 1/2")
      - CONCRETE BLOCK - 264 LB. SHEAR
      - CONCRETE 3000 PSI - 401 LB. SHEAR
      - @ 8" O.C. BEGIN 1ST SCREW WITHIN 3" OF TOP AND BOTTOM (MIN. PENETRATION 1 1/2")
  - THE WINDOWS ARE TESTED WITH "Safety-Plus" Polyester Interlayer BY GLASSLAM N.G.I., Inc. NOTICE OF ACCEPTANCE 97-527.04 DADE COUNTY FLORIDA EXPIRES 09/09/2000 5/8" LAMINATED GLASS CONSISTING OF:
    - 2 LAYERS OF 3/16" TEMPERED OR ANNEALED GLASS
    - 2 LAYERS OF .125 RESIN
    - 1 CENTER LAYER OF 0.010 PET FILM
 OR THE WINDOWS ARE TESTED WITH "Sentry Glass Plus" by E.I. DuPont NOTICE OF ACCEPTANCE 98--0608.03 DADE COUNTY FLORIDA EXPIRES 01/14/2002 Manufactured by DLUBAK TECHNOLOGIES, INC CONSISTING OF:
    - 2 LAYERS OF 3/16" TEMPERED GLASS
    - 1 LAYER OF SENTRYGLAS PLUS IONOPLAST INTERLAYER

**FOR OFFICIAL USE ONLY**

*Steven Sinclair*

Steven Sinclair  
 Professional Engineer  
 Certificate Number 35631  
 Job Number 03 - 04015

Approved as complying with the Florida Building Code  
 Date July 8, 2004  
 NOA# 04-0426.02  
 Miami Dade Product Control Division  
 By Manuel Perez

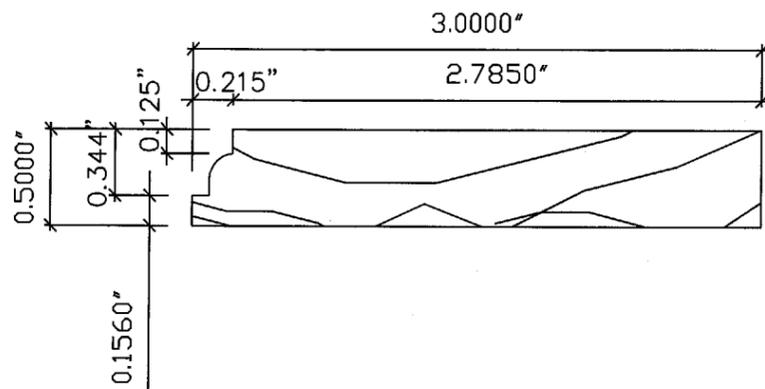
DRAWN DWS
REVISION name change 7/2004
DATE 10-19-99
SCALE AS-NOTED
JOB NO.
SHEET <b>W2.0</b>
2 OF 3 SHEETS

**FIXED-MAHOGANY-WINDOW**

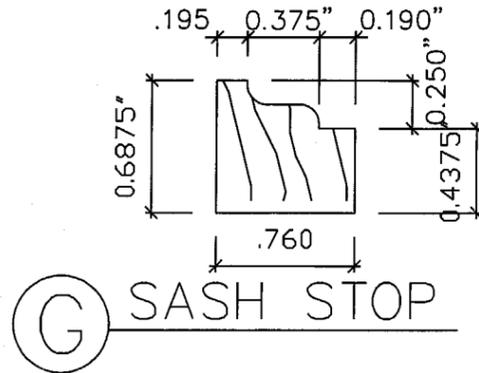
**HARTMAN WINDOWS AND DOORS, LLC**  
 531 SOUTHERN BOULEVARD WEST PALM BEACH, FL 33405  
 PHONE 561-296-9600 FAX 561-296-9601 www.hartmanwindows.com

SINCLAIR ENGINEERING  
 8259 North Military Trail, Suite 6  
 PALM BEACH GARDENS, FL 33418  
 TEL. (561) 640-5488  
 COA # 5426

**JUL 21 2004**

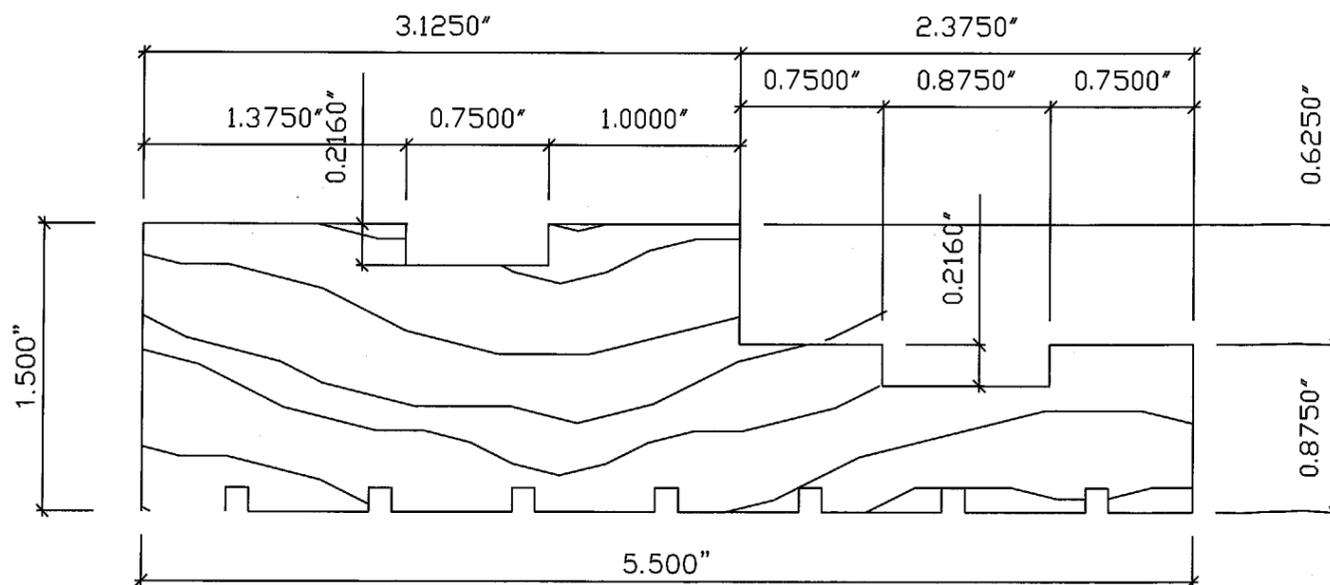
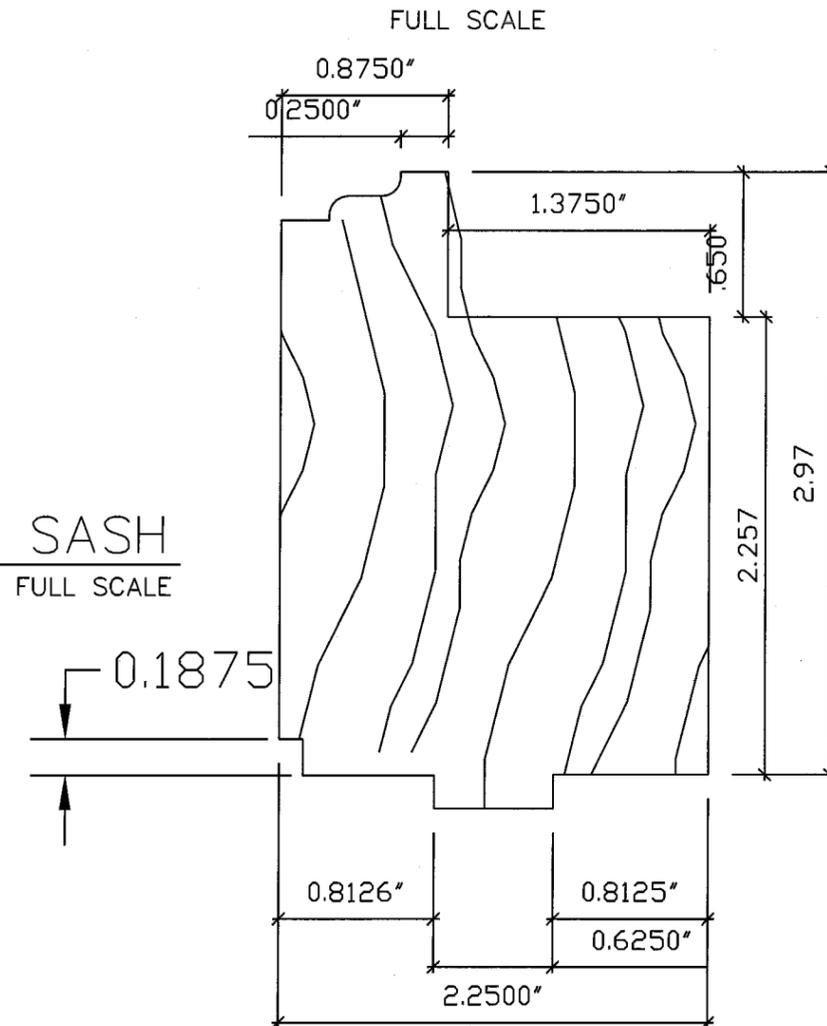


**(C)** FIXED STOP  
FULL SCALE



**(G)** SASH STOP

**(L)** SASH  
FULL SCALE



**(F)** JAMB  
FULL SCALE

**FOR OFFICIAL USE ONLY**

*SM*

Steven Sinclair **JUL 21 2004**  
Professional Engineer  
Certificate Number 35631  
Job Number 03-04015

Approved as complying with the  
Florida Building Code  
Date **July 8, 2004**  
NOAH **04-0426.02**  
Miami Dade Product Control  
Division  
By *Manuel Perez*

DRAWN DWS
REVISION name change 7/2004
DATE 02-08-2001
FULL SCALE SCALE
JOB NO.
SHEET
<b>W2.0</b>
3 OF 3 SHEETS

**FULL SCALE MAHOGANY FIXED WINDOW  
PROFILES**

SINCLAIR ENGINEERING  
8259 North Military Trail  
Palm Beach Gardens, FL 33418  
TEL. (561) 640-5488  
COA # 5426

**HARTMAN WINDOWS AND DOORS, LLC**

531 SOUTHERN BOULEVARD WEST PALM BEACH, FL 33405  
PHONE 561-296-9600 FAX 561-296-9601 www.hartmanwindows.com