



**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) 372-6339**

**NOTICE OF ACCEPTANCE (NOA)**

[www.maimidade.gov/buildingcode](http://www.maimidade.gov/buildingcode)

**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: "Contura" Outswing Wood Casement Window – L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **W08-26**, titled "Contura Outswing Wood Casement Wdw. (L.M.I.)", sheets 1 through 7 of 7, dated 03/13/08, prepared by Al-Farooq Corporation, signed and sealed by 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 and renews** NOA # **07-0321.01** and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

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



**NOA No. 08-0326.14  
Expiration Date: March 26, 2013  
Approval Date: April 24, 2008  
Page 1**

**Hartman Windows and Doors, LLC**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No **W08-26**, Sheets 1 through 7 of 7, titled "Contura Outswing Wood Casement Wdw. (L.M.I.)", dated 03/13/08, 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, TAS 202-94  
along with marked-up drawings and installation diagram of American and Contura mahogany outswing single casement window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5573**, dated 03/10/08, signed and sealed by Carlos S. Rionda, P.E.
2. 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, TAS 202-94  
along with marked-up drawings and installation diagram of American and Contura mahogany outswing double casement window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5563**, dated 03/10/08, signed and sealed by Carlos S. Rionda, P.E.
3. 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, TAS 202-94  
along with marked-up drawings and installation diagram of American and Contura mahogany outswing double casement window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5561**, dated 03/08/08, signed and sealed by Carlos S. Rionda, P.E.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 08-0326.14  
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4. 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, TAS 202-94  
along with marked-up drawings and installation diagram of American and Contura mahogany outswing (XOX) casement window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5531**, dated 03/08/08, signed and sealed by Carlos S. Rionda, P.E.
5. 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, TAS 202-94  
along with marked-up drawings and installation diagram of American and Contura mahogany outswing single casement window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5530**, dated 03/06/08, signed and sealed by Carlos S. Rionda, P.E.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2004, prepared by Al-Farooq Corporation, dated 3/12/08, signed and sealed by Humayoun Farooq, P.E.  
**Complies with ASTM E1300-02**

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **07-1116.04** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont SentryGlas® Plus**" dated 01/03/08, expiring on 01/14/12.  
2. Notice of Acceptance No. **05-1208.02** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Butacite PVB Interlayer**" dated 01/05/06, expiring on 12/11/10.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 08-0326.14  
Expiration Date: March 26, 2013  
Approval Date: April 24, 2008

**Hartman Windows and Doors, LLC**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

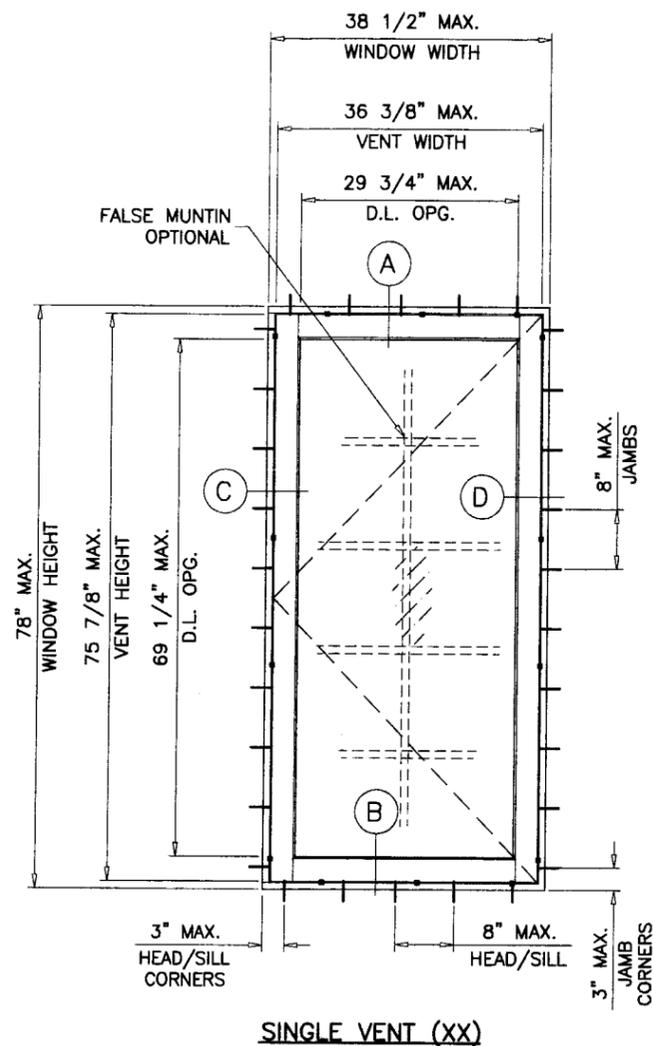
**F. STATEMENTS**

1. Statement letter of conformance, dated March 12, 2008, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, dated March 12, 2008, signed and sealed by Humayoun Farooq, P.E.
3. Laboratory compliance letters for Test Report No. FTL- 5573, FTL- 5563, FTL- 5561, FTL- 5531, FTL- 5530, issued by Hurricane Test Laboratory, Inc., dated March 10, 2008, signed and sealed by Carlos S. Rionda, P.E.

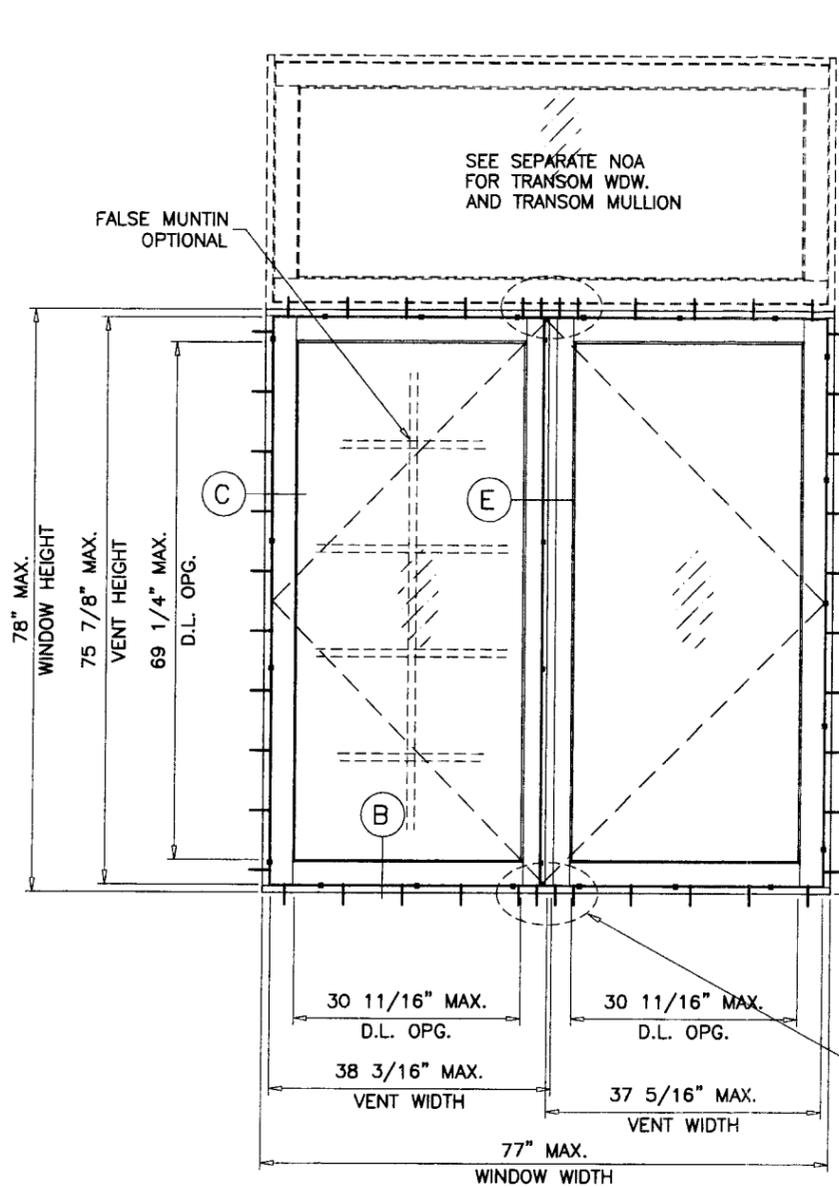
**G. OTHER**

1. Notice of Acceptance No. **07-0321.01**, issued to Hartman Windows and Doors, LLC for their Series "Mahogany" Outswing Wood Casement Window – (L.M.I.), approved on 05/31/07 and expiring on 03/26/08.

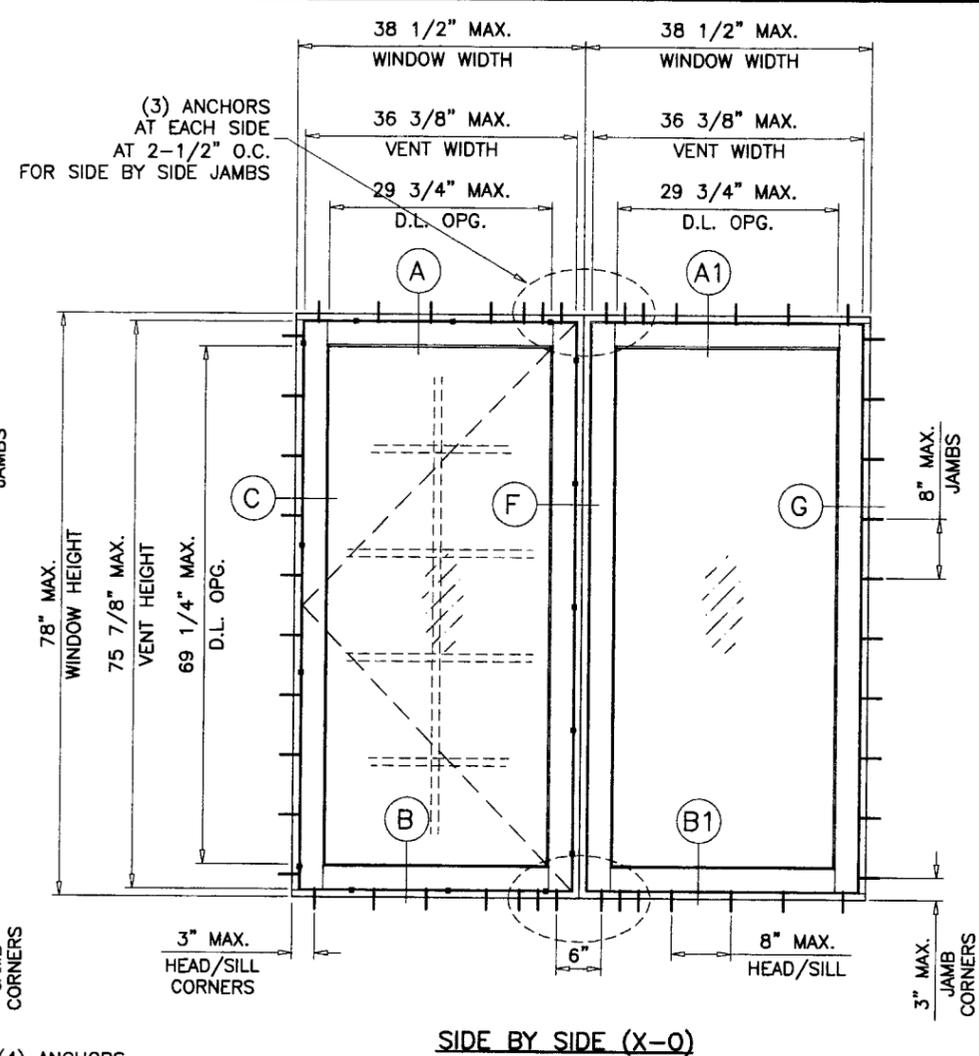
  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 08-0326.14  
Expiration Date: March 26, 2013  
Approval Date: April 24, 2007



**SINGLE VENT (XX)**



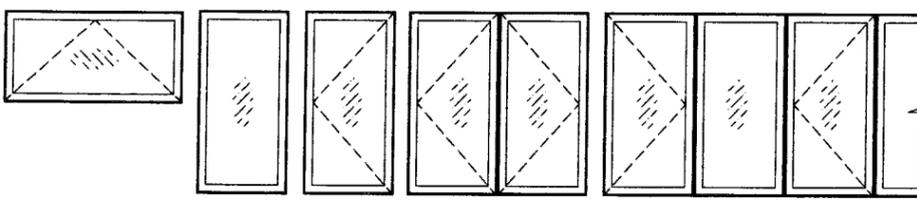
**DUAL VENT (XX)**



**SIDE BY SIDE (X-O)**

**SERIES CONTURA  
OPEN OUT WOOD CASEMENT WINDOW**

APPROVAL APPLIES TO SINGLE OPERATING(X), STATIONARY(O) AND DOUBLE OPERATING(XX) UNITS. ALSO SIDE BY SIDE COMBINATIONS OF OPERATING/OPERATING OR OPERATING/STATIONARY UNITS IN MODULES OF TWO OR MORE WINDOWS. WINDOWS CAN BE ORIENTED VERTICALLY OR HORIZONTALLY.



THESE WINDOWS CAN ALSO BE INSTALLED IN COMBINATION WITH MIAMI-DADE COUNTY APPROVED PRODUCTS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURES FROM WINDOWS, DOORS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

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

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004/2007 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.

**SINGLE VENT WINDOWS (X OR O)**  
SIDE BY SIDE COMBINATIONS OF SINGLE VENT WDWS.  
MAXIMUM DESIGN LOAD RATING = + 90.0 PSF  
(FOR SIZES SHOWN OR SMALLER) - 90.0 PSF

**DUAL VENT WINDOWS (XX)**  
SIDE BY SIDE COMBINATIONS OF DUAL VENT WDWS.  
MAXIMUM DESIGN LOAD RATING = + 80.0 PSF  
(FOR SIZES SHOWN OR SMALLER) - 80.0 PSF

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-02 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

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

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 08-0326-14  
Expiration Date MARCH 26, 2013  
By *Manuel Perez*  
Miami Dade Product Control  
Division

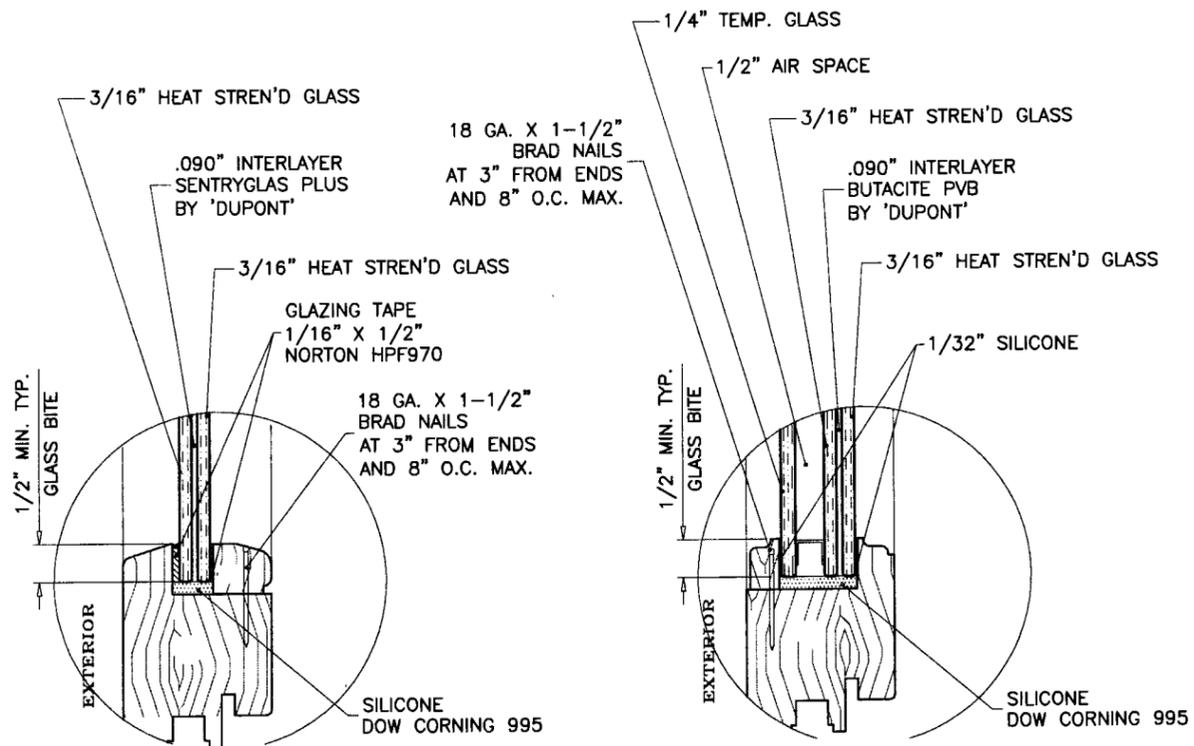
MAR 25 2008

**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\W08-26HWD

CONTURA OUTSWING WOOD CASEMENT WDW. (L.M.I.)  
**HARTMAN WINDOWS & DOORS, LLC**  
531 SOUTHERN BLVD.  
WEST PALM BEACH, FL 33405  
TEL. (561) 296-9600 FAX. (561) 296-9601

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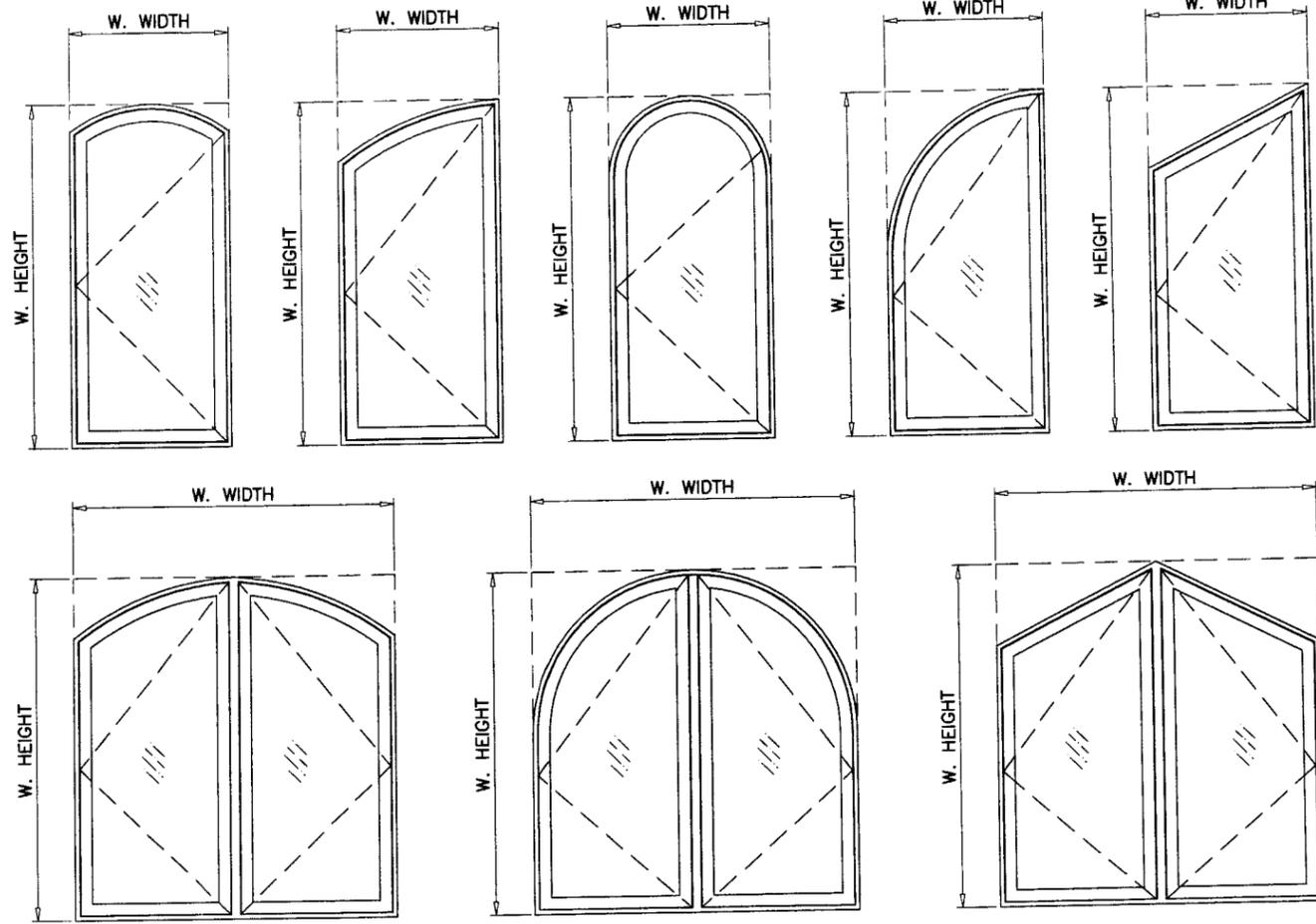
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chk. by:   
drawing no. **W08-26**  
sheet 1 of 7



GLAZING TYPE 'A'

GLAZING TYPE 'B'

**GLAZING OPTIONS**



ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE VERIFIED BY INSCRIBING WINDOW SHAPE WITHIN SQUARE OR RECTANGLE AS SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES.

**LOCKS:**

12 POINT LOCK SYSTEM WITH KEEPERS BY 'GU' SURFACE MOUNT ACTIVATING HANDLE AT 37" FROM BOTTOM FASTENED WITH (2) #12 X 1-3/4" FH MS. SURFACE MOUNT METALLIC KEEPERS FACING LOCKS EACH FASTENED WITH (3) #8 X 1-1/4" FH SMS  
 (3) KEEPERS AT HEAD  
 (3) KEEPERS AT SILL  
 (6) KEEPERS AT JAMB

**HINGES:**

**OPTION #1:**

3-1/2" LONG METALLIC BUTT HINGES  
 (3) PER VENT AT 9" FROM TOP & BOTTOM AND AT CENTER, FASTENED TO FRAME W/ (3) #12 X 1-1/4" FH SMS  
 VENT W/ (3) #10 X 1" FH SMS

**OPTION #2:**

SURFACE MOUNT CONTURA HINGE (K-14932) BY 'GU' (2) PER VENT, FASTENED TO FRAME W/ (3) #8 X 1" FH SMS  
 VENT W/ (4) #8 X 1-3/4" FH SMS

**SNUBBERS:**

TWO PIECE METALLIC/PLASTIC ANTI-BLOW OUT CLIPS  
 (4) PER VENT AT HINGE JAMBS LOCATED AT 7" FROM TOP & BOTTOM AND 22" O.C. MAX. EACH FASTENED TO FRAME W/ (2) #8 X 1-1/4" FH SMS  
 VENT W/ (2) #8 X 1-1/2" FH SMS

HINGES AND LOCKS CAN BE USED IN ANY COMBINATIONS

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

MAR 25 2008

PRODUCT REVISED  
 as complying with the Florida Building Code  
 Acceptance No. **DB-0326.14**  
 Expiration Date **MARCH 26, 2013**  
 By: *Manuel Pera*  
 Division: *Product Control*

**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\W08-26HWD

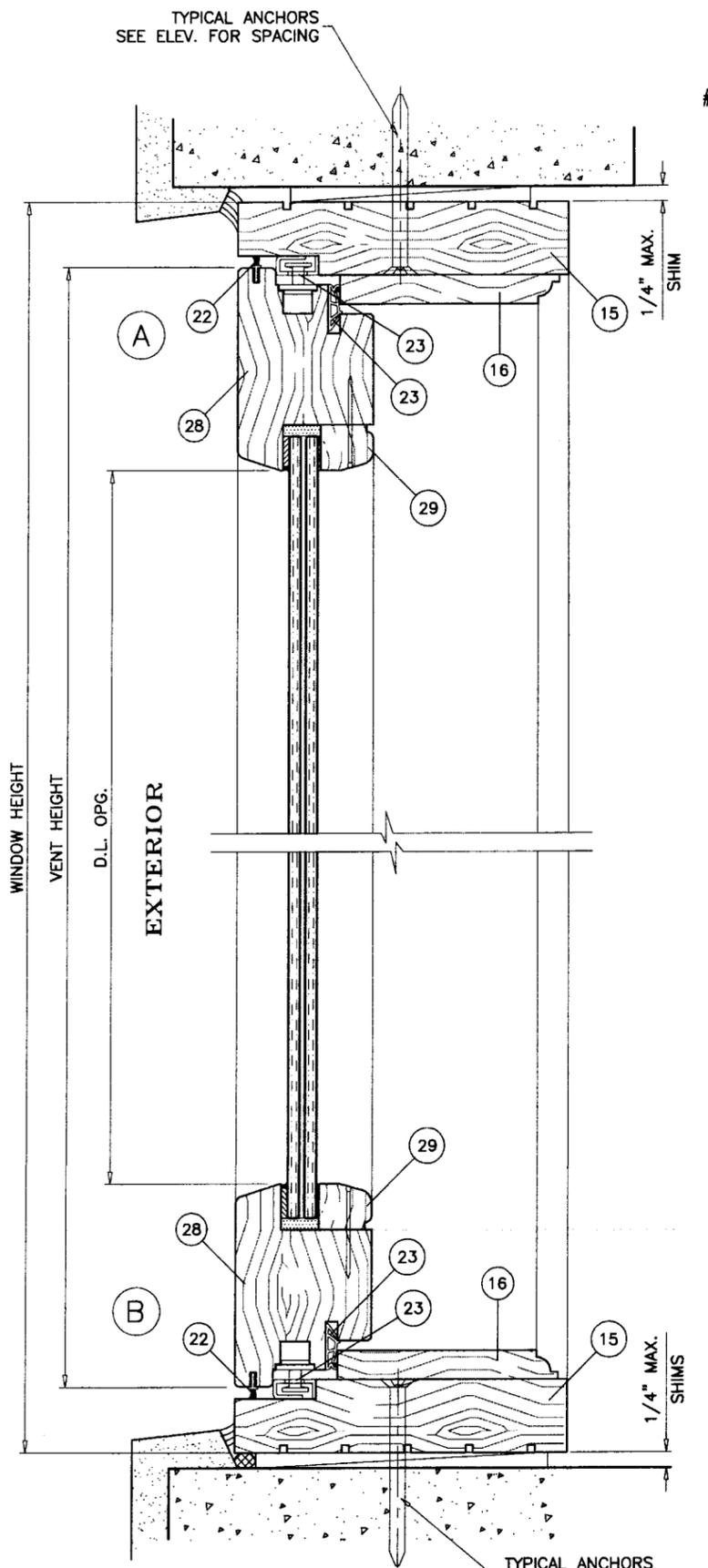
CONTURA OUTSWING WOOD CASEMENT WDW. (L.M.I.)  
**HARTMAN WINDOWS & DOORS, LLC**  
 531 SOUTHERN BLVD.  
 WEST PALM BEACH, FL 33405  
 TEL. (561) 296-9600 FAX. (561) 296-9601

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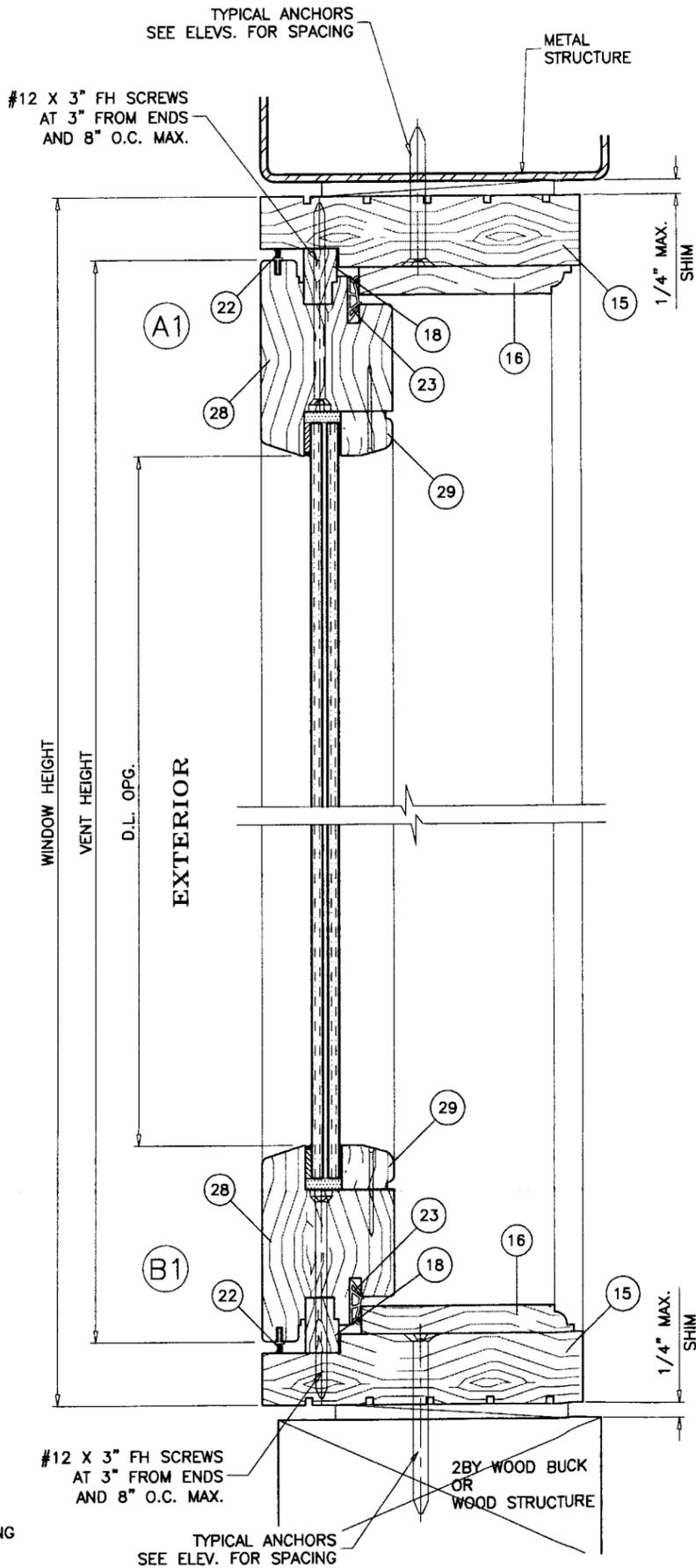
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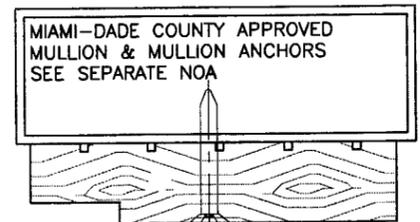
sheet 2 of 7



OPERABLE UNITS



STATIONARY UNITS



TYPICAL ANCHORS  
SEE ELEV. FOR SPACING

WOOD BUCKS NOT BY HARTMAN WINDOWS, MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

**TYPICAL ANCHORS**

**ANCHORS THRU WINDOW FRAME**

- 1/4" DIA. TAPCONS
- INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
- 1-3/8" MIN. PENETRATION INTO WOOD
- THRU WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY
- 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

**ANCHORS THRU STRAP CLIPS & ALUM ANGLE (SEE SHEET 5 FOR DETAILS)**

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

**ANCHOR EDGE DISTANCES**

- INTO CONCRETE AND MASONRY = 1-1/2" MIN. (UNLESS SPECIFIED)
- INTO WOOD STRUCTURE = 3/4" MIN. (UNLESS SPECIFIED)

**ANCHORS CL TO CL DISTANCE**

- INTO CONCRETE AND MASONRY = 3" MIN.
- INTO WOOD STRUCTURE = 3/4" MIN. (UNLESS SPECIFIED)

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

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 08-0376-14  
Expiration Date MARCH 26, 2013  
By: *Manuel Perez*  
Miami Dade Product Control  
Division

MAR 25 2008

**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\W08-26HWD

CONTURA OUTSWING WOOD CASEMENT WDW. (L.M.I.)  
**HARTMAN WINDOWS & DOORS, LLC**  
531 SOUTHERN BLVD.  
WEST PALM BEACH, FL 33405  
TEL. (561) 296-9600 FAX. (561) 296-9601

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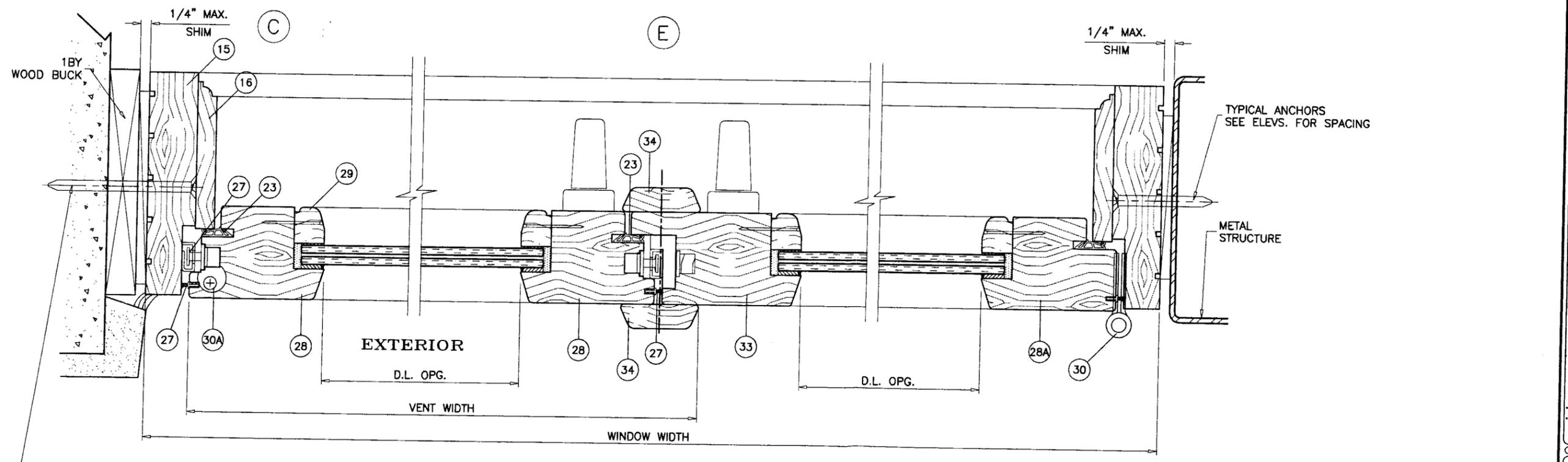
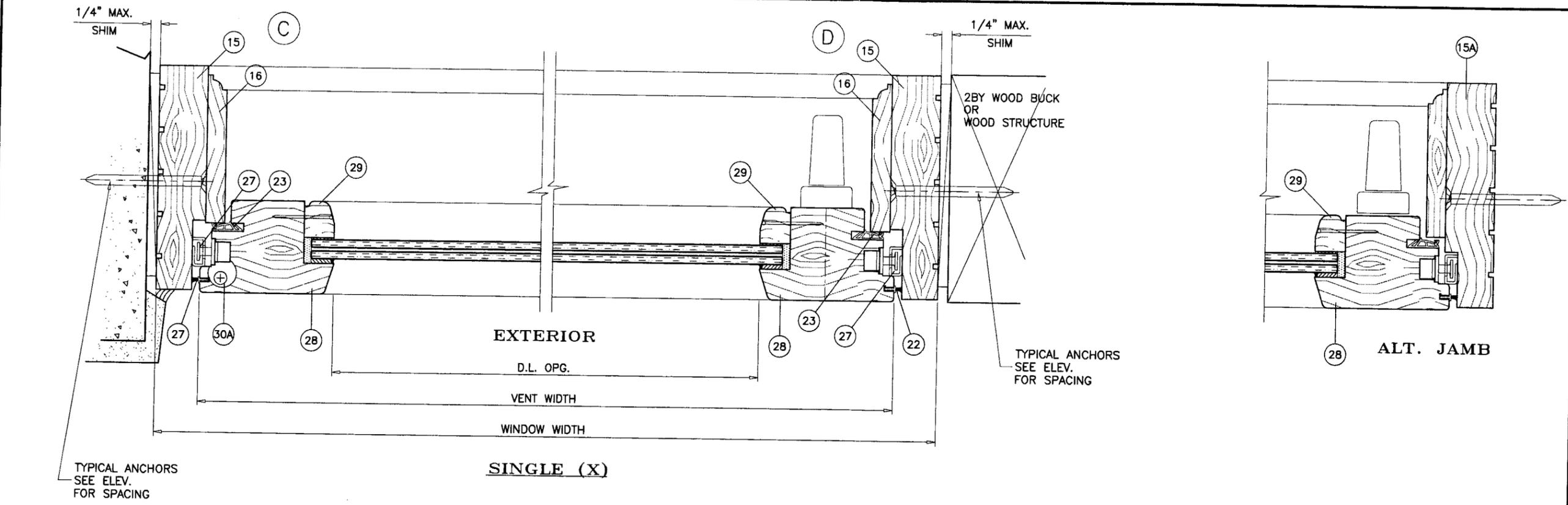
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**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 12395 S.W. 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W08-26HWD

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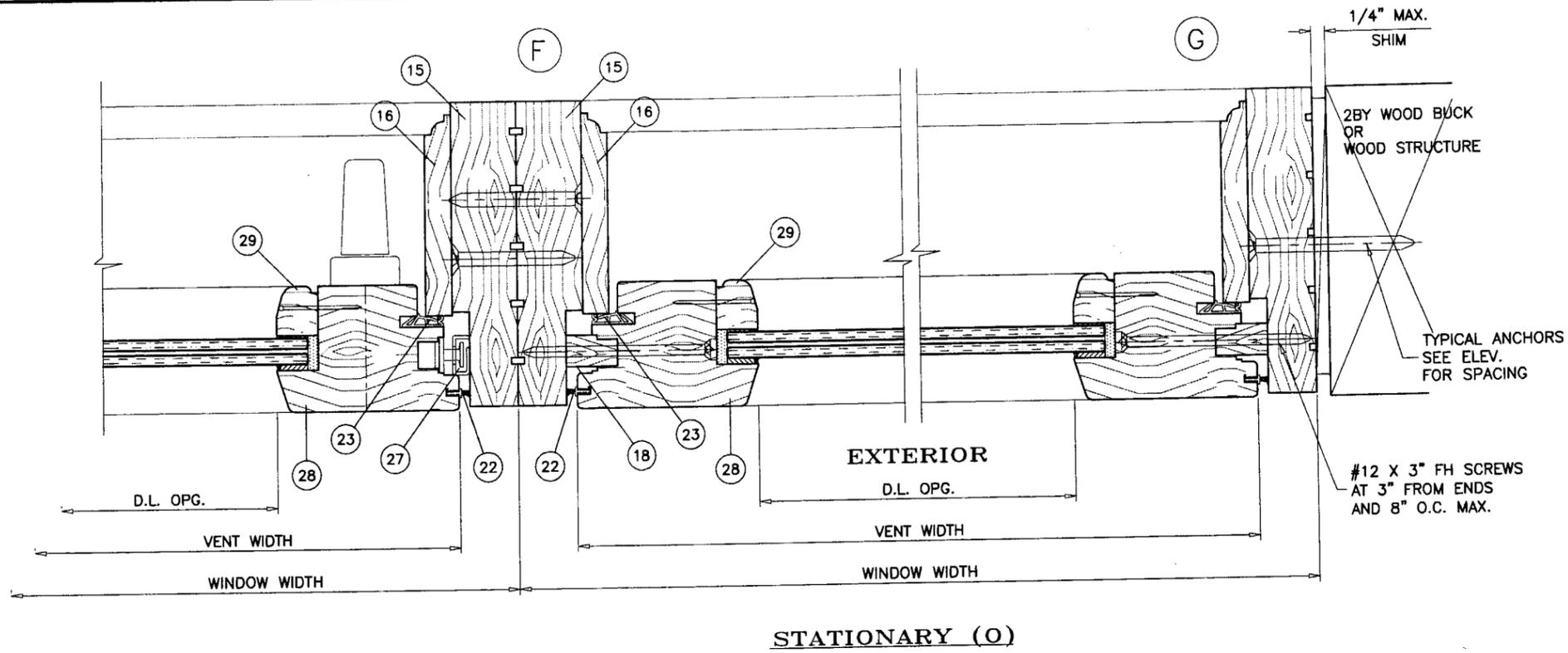
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drawing no.  
**W08-26**  
 sheet 4 of 7

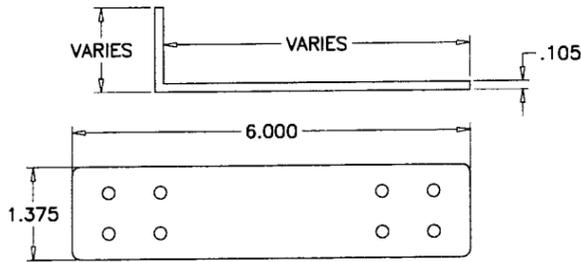
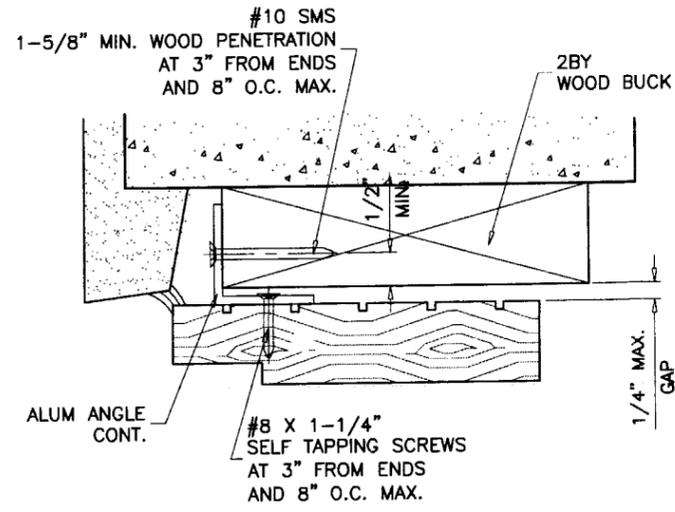
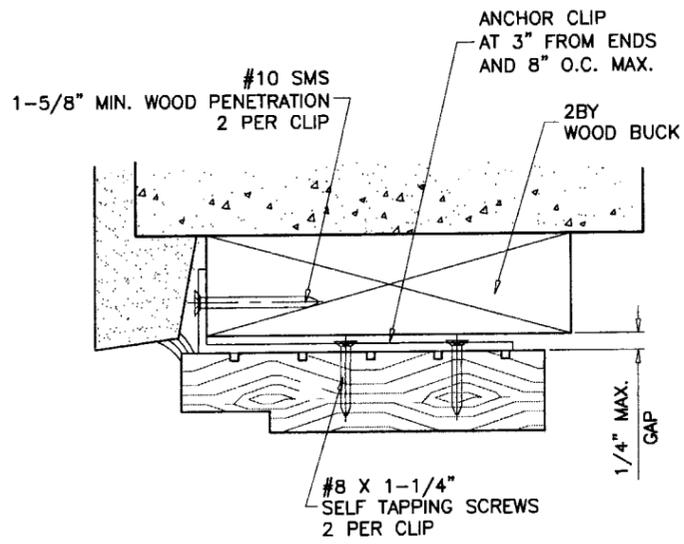


Engr: DR. HUMAYQUN FAROOQ  
 STRUCTURES  
 FLA. PE # 16557  
 C.A.N. 3536  
 MAR 25 2008

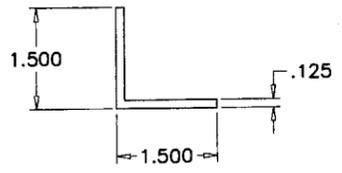
**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. DB-D.326.14  
 Expiration Date MARCH 26, 2013  
 By: *Maamun Periy*  
 National Code Product Control  
 Division



STATIONARY (O)



STRAP CLIP  
12 GA. GALV. STEEL



ALUM. ANGLE CONT.  
6063-T5

Engr. DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557  
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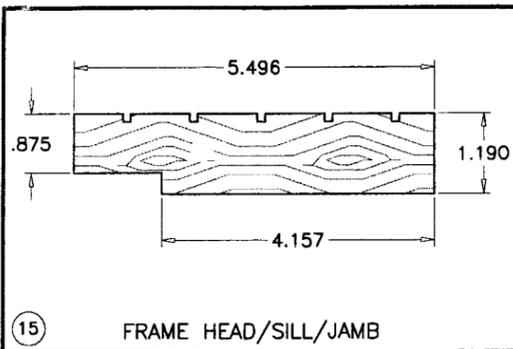
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Acceptance No. 08-0326.14  
Expiration Date 12/01/2013  
By Manuel Perez  
Miami Dade Product Control  
Division

**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\W08-26HWD

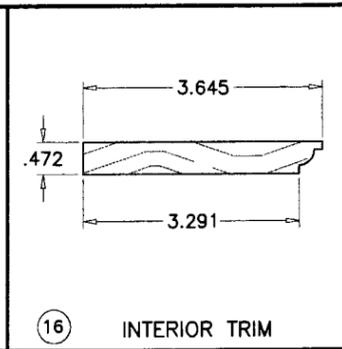
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TEL. (561) 296-9600 FAX. (561) 296-9601

| Revisions: |             |
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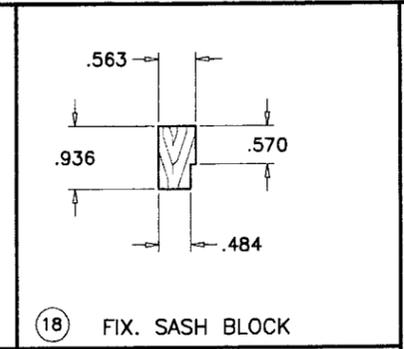
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dr. by: HAMID  
chk. by:   
  
drawing no.  
**W08-26**  
sheet 5 of 7



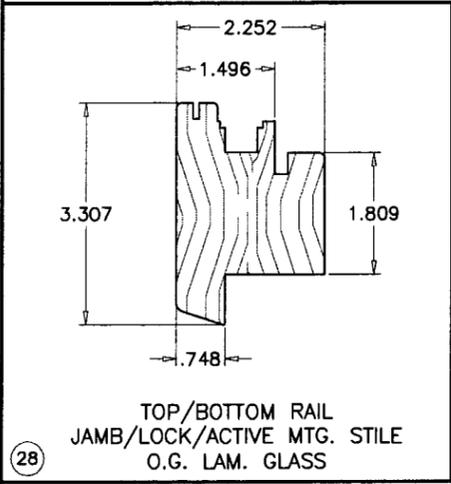
15 FRAME HEAD/SILL/JAMB



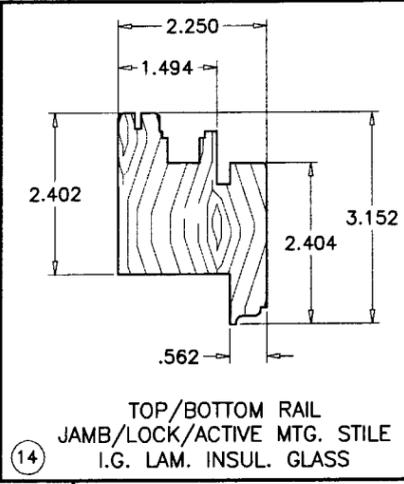
16 INTERIOR TRIM



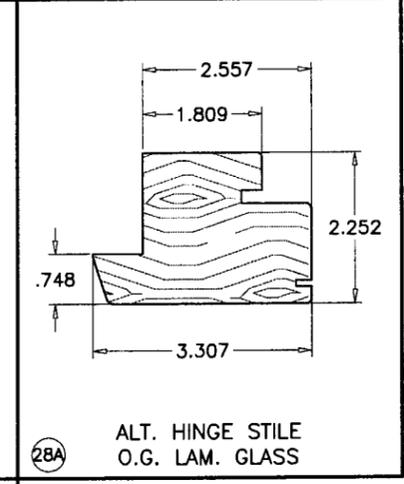
18 FIX. SASH BLOCK



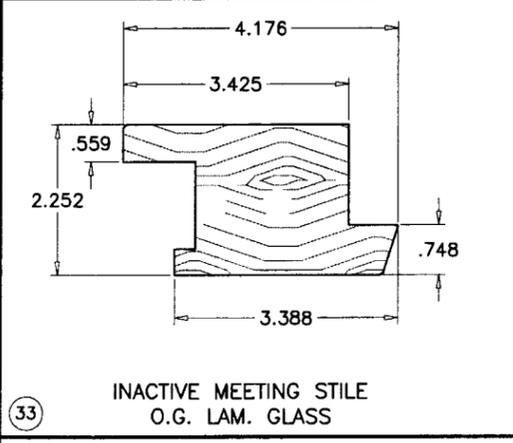
28 TOP/BOTTOM RAIL JAMB/LOCK/ACTIVE MTG. STILE O.G. LAM. GLASS



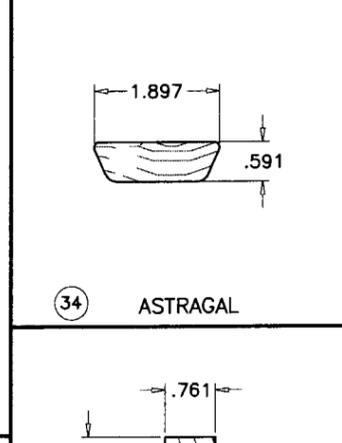
14 TOP/BOTTOM RAIL JAMB/LOCK/ACTIVE MTG. STILE I.G. LAM. INSUL. GLASS



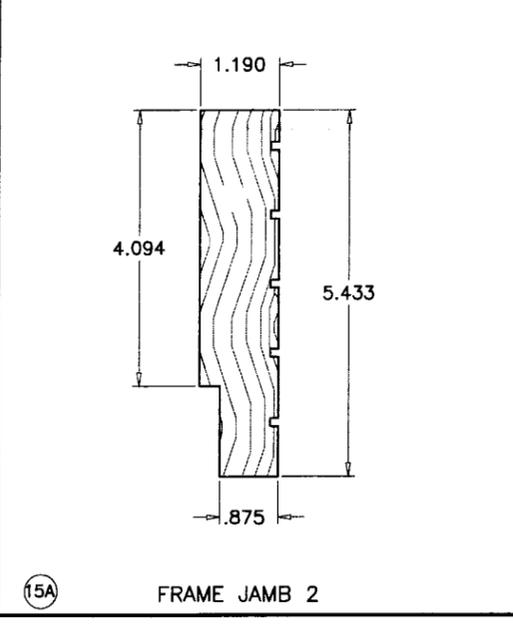
28A ALT. HINGE STILE O.G. LAM. GLASS



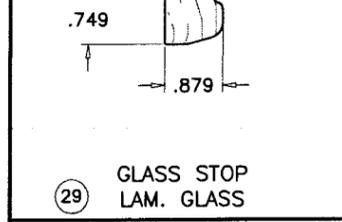
33 INACTIVE MEETING STILE O.G. LAM. GLASS



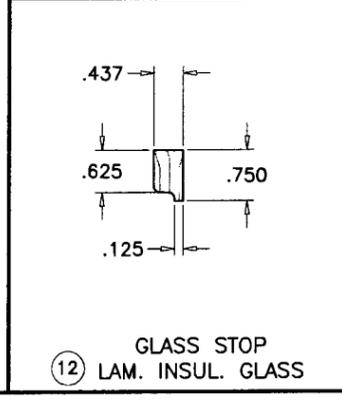
34 ASTRAGAL



15A FRAME JAMB 2



29 GLASS STOP LAM. GLASS



12 GLASS STOP LAM. INSUL. GLASS

| ITEM # | REQD. | DESCRIPTION                 | MATERIAL | MANF./SUPPLIER/REMARKS |
|--------|-------|-----------------------------|----------|------------------------|
| 12     | -     | GLASS STOP IG               | WOOD     | MAHOGANY OR EQUAL      |
| 14     | -     | CONTURA STILE & RAIL        | WOOD     | MAHOGANY OR EQUAL      |
| 15     | -     | CONTURA JAMB                | WOOD     | MAHOGANY OR EQUAL      |
| 15A    | -     | CONTURA JAMB                | WOOD     | MAHOGANY OR EQUAL      |
| 16     | -     | CONTURA TRIM                | WOOD     | MAHOGANY OR EQUAL      |
| 17     | -     | CONTURA GLASS STOP IG       | WOOD     | MAHOGANY OR EQUAL      |
| 18     | -     | CONTURA FIXED SASH BLOCK    | WOOD     | MAHOGANY OR EQUAL      |
| 22     | -     | FIN SEAL W'STRIPPING        | -        | SCHLEGEL               |
| 23     | -     | GS 250 W'STRIPPING          | VINYL    | EUROPROFILI            |
| 27     | -     | LOCK POINT                  | -        | GENERIC                |
| 28     | -     | CONTURA STILE & RAIL        | WOOD     | MAHOGANY OR EQUAL      |
| 28A    | -     | ALT. HINGE STILE            | WOOD     | MAHOGANY OR EQUAL      |
| 29     | -     | CONTURA GLASS STOP          | WOOD     | MAHOGANY OR EQUAL      |
| 30     | -     | 3 1/2" X 3 1/2" BUTT HINGE  | -        | GENERIC                |
| 30A    | -     | CONTURA HINGE               | -        | -                      |
| 33     | -     | CONTURA INACT. MEETING RAIL | WOOD     | MAHOGANY OR EQUAL      |
| 34     | -     | ASTRAGAL                    | WOOD     | MAHOGANY OR EQUAL      |

**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 \ W08 - 26HWD

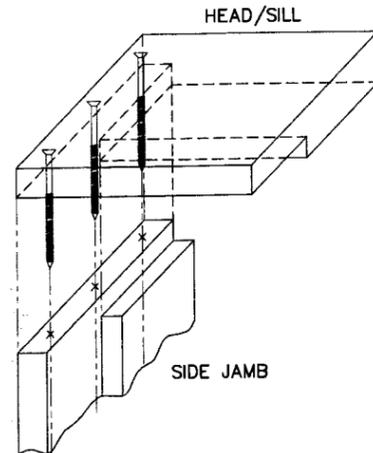
CONTURA OUTSWING WOOD CASEMENT WDW. (L.M.I.)  
**HARTMAN WINDOWS & DOORS, LLC**  
 531 SOUTHERN BLVD.  
 WEST PALM BEACH, FL 33405  
 TEL. (561) 296-9600 FAX. (561) 296-9601

| revisions: | no | date | by | description |
|------------|----|------|----|-------------|
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|            |    |      |    |             |
|            |    |      |    |             |

Engr: DR. HUMAYOUN FAROOQ  
 STRUCTURES  
 FLA. PE # 16557  
 C.A.N. 3538  
 MAR 25 2008

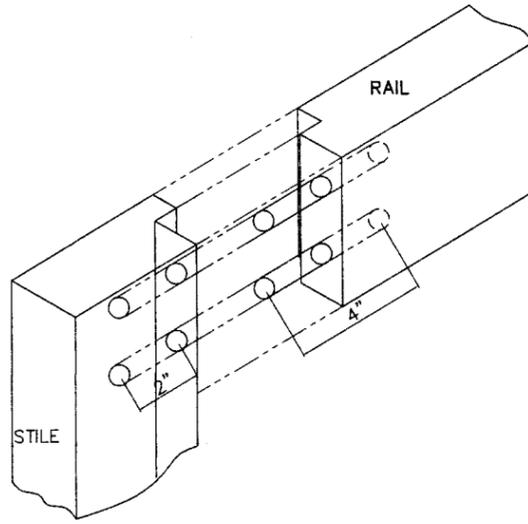
PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 08-0326-14  
 Expiration Date MARCH 26, 2013  
 By *Manuel Perez*  
 Miami Date Product Control  
 Division

date: 03-13-08  
 scale: 3/8" = 1"  
 dr. by: HAMID  
 chk. by:  
 drawing no.  
**W08-26**  
 sheet 6 of 7

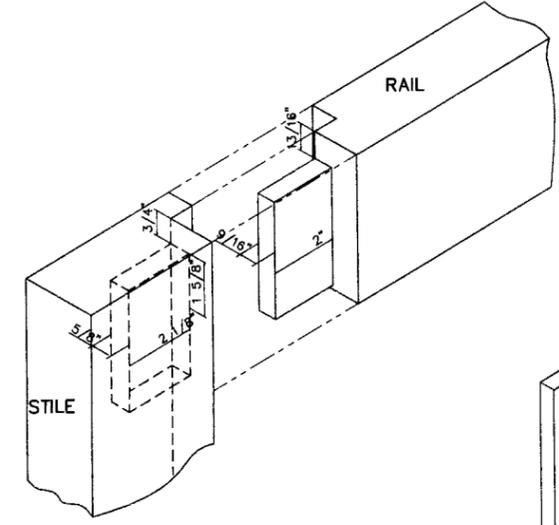


FRAME CORNERS HAVE HALF LAP JOINT TYPICAL AT HEAD AND SILL WITH 3 #12 BY 3 1/2" SS SCREWS AND GLUED WITH NP1

FRAME CORNER DETAILS

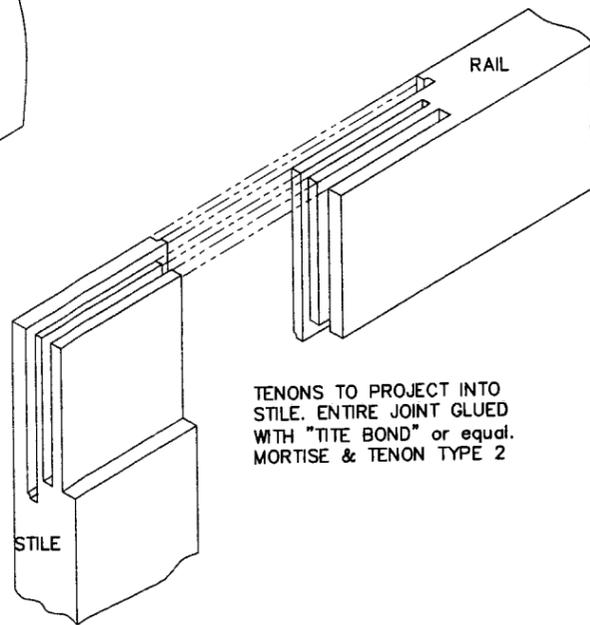


5/8" x 4" DOWEL TO PROJECT INTO STILE. ENTIRE JOINT GLUED WITH "TITE BOND" or equal.



9/16" THICK TENON TO PROJECT INTO STILE. ENTIRE JOINT GLUED WITH "TITE BOND" or equal. MORTISE & TENON TYPE 1

VENT CORNER DETAILS



TENONS TO PROJECT INTO STILE. ENTIRE JOINT GLUED WITH "TITE BOND" or equal. MORTISE & TENON TYPE 2

Engr. DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557  
C.A.N. J538  
MAR 25 2008

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 08-D326.14  
Expiration Date 10/26/2013  
By *Manuel Perez*  
Miami Dade Product Control  
Division

**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
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TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W08-26HWD

CONTURA OUTSWING WOOD CASEMENT WDW. (L.M.I.)  
**HARTMAN WINDOWS & DOORS, LLC**  
5.31 SOUTHERN BLVD.  
WEST PALM BEACH, FL 33405  
TEL. (561) 296-9600 FAX. (561) 296-9601

| revisions: | no | date | by | description |
|------------|----|------|----|-------------|
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date: 03-13-08  
scale: 3/8" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W08-26**  
sheet 7 of 7