



**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.buldingcodeonline.com](http://www.buldingcodeonline.com)**

**NOTICE OF ACCEPTANCE (NOA)**

**Yale Ogron Windows & Doors, Inc.  
8130 NW 74<sup>th</sup> Avenue  
Medley, FL 33166**

**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 1400 Aluminum Casement Window**

**APPROVAL DOCUMENT:** Drawing No. **W02-107**, titled "Series 1400 Aluminum Casement Window.. (N.I.)", sheets 1 through 5 of 5, dated 10/30/02 with revision A dated 10/31/06, 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: None**

**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 # **02-1107.03** and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

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



**NOA No. 06-1229.04  
Expiration Date: January 23, 2008  
Approval Date: February 22, 2007  
Page 1**

**Yale Ogron Windows & Doors, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No **W02-107**, Sheets 1 through 5 of 5, titled "Series 1400 Aluminum Casement Window (N.I.)", dated 10/30/02, 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) Forced Entry Test, per FBC 2411.3.2.1 and TAS 202-94  
along with marked-up drawings and installation diagram of an aluminum casement window, prepared by Fenestration Testing Laboratory, Test Report No. **FTL-3264** dated 2/11/02, signed and sealed by Luis Antonio Figueredo, P.E.
2. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94 along with marked-up drawings and installation diagram of an aluminum casement window, prepared by Fenestration Testing Laboratory, Test Report No. **FTL-3265** dated 2/15/02, signed and sealed by Luis Antonio Figueredo, P.E.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2004, prepared by Al-Farooq Corporation, dated 10/28/06, 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**

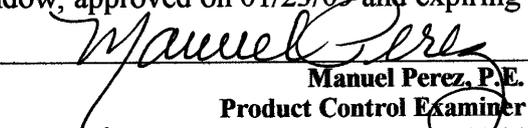
1. None.

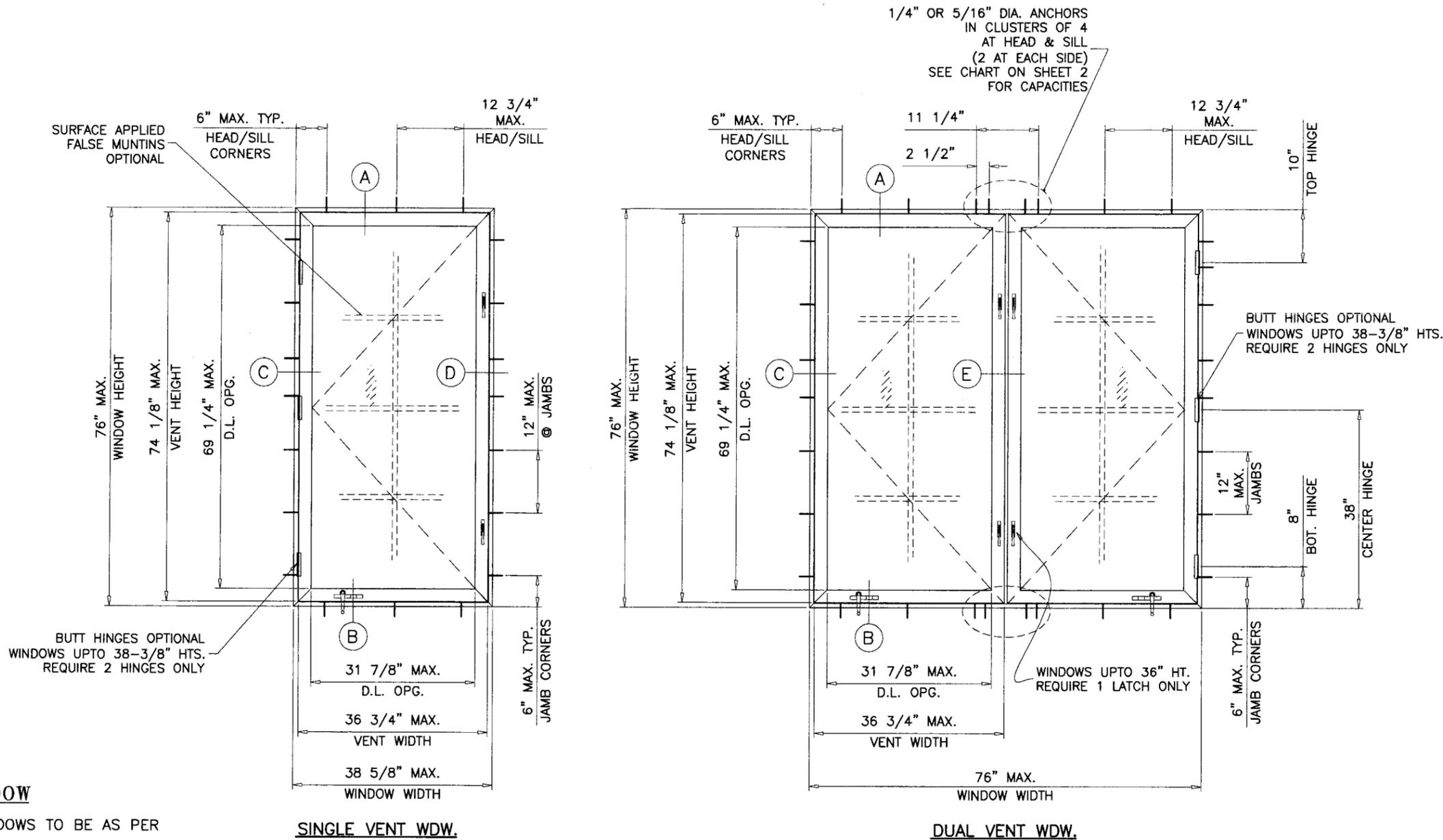
**F. STATEMENTS**

1. Statement letter of conformance, dated October 28, 2006, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, dated October 28, 2006, signed and sealed by Humayoun Farooq, P.E.

**G. OTHER**

1. Notice of Acceptance No. **02-1107.03**, issued to Yale Ogron Windows & Doors for their Series "1400" Aluminum Casement Window, approved on 01/23/03 and expiring on 01/23/08.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 06-1229.04  
Expiration Date: January 23, 2008  
Approval Date: February 22, 2007



**SERIES-1400  
ALUMINUM CASEMENT WINDOW**

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 2.

APPROVAL APPLIES TO SINGLE CASEMENT WINDOWS, ALSO COMBINATIONS OF CASMT/CASMT OR CASMT WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE 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).

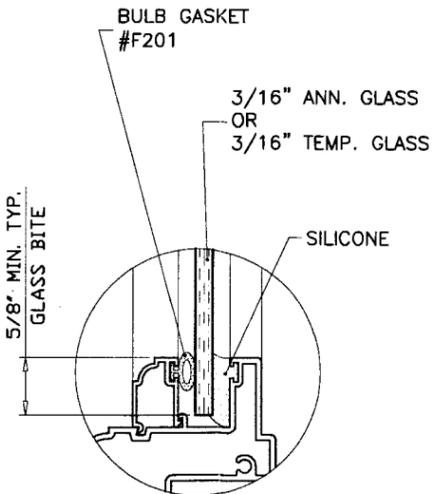
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

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**

WINDOWS NOT RATED FOR IMPACT.  
INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA REQUIRES THE USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES COMPLYING WITH HVHZ REQUIREMENTS.  
INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA SHALL MEET THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

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

date: 10-30-02  
scale: 1/2"=1'-0"  
dr. by: HAMID  
chk. by:

**PRODUCT REVISED**  
as complying with the Florida Building Code  
Acceptance No. 06-1229-04  
Expiration Date JAN. 23, 2008  
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\W02-107Y0

SERIES-1400 ALUMINUM CASEMENT WDW. (N.I.)  
**YALE OGRON WINDOWS AND DOORS INC.**  
8130 N.W. 74TH AVE.  
MEDLEY, FL. 33166  
TEL. (305) 887-2646 FAX (305) 883-1309

no	date	description
A	10.31.06	UPDATED FOR 2004 FBC

date: 10-30-02	scale: 1/2"=1'-0"	dr. by: HAMID	chk. by:
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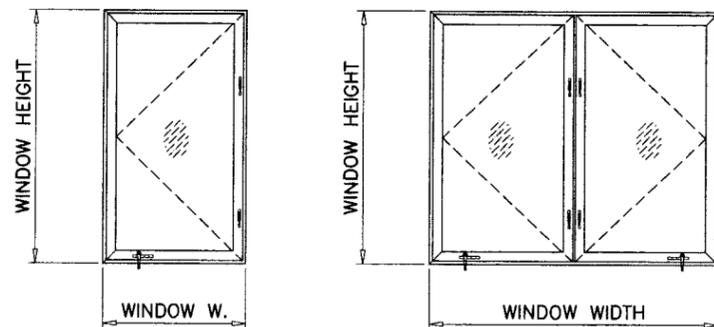
drawing no.  
**W02-107**  
sheet 1 of 5

DESIGN LOAD CAPACITY - PSF FOR ( X ) SIZES					
WINDOW DIMS.		3/16" ANN. GLASS		3/16" TEMP. GLASS	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
19-1/8"	26" (3)	60.0	125.0	60.0	184.2
26-1/2"		60.0	125.0	60.0	132.9
37"		60.0	113.5	60.0	126.9
19-1/8"	38-3/8" (4)	60.0	125.0	60.0	166.4
26-1/2"		60.0	107.4	60.0	120.1
37"		60.0	76.9	60.0	86.0
19-1/8"	50-5/8" (5)	60.0	112.8	60.0	157.7
26-1/2"		60.0	81.4	60.0	113.8
37"		X	X	60.0	81.5
19-1/8"	63" (6)	60.0	87.8	60.0	146.7
26-1/2"		X	X	60.0	105.8
37"		X	X	60.0	75.8
19-1/8"	74-1/4" (7)	53.1	53.1	60.0	119.2
26-1/2"		X	X	60.0	87.8
37"		X	X	60.0	64.3
19-1/8"	76" (7)	49.5	49.5	60.0	112.0
26-1/2"		X	X	60.0	82.7
37"		X	X	60.0	62.2

( ) = NO. OF ANCHORS PER JAMB

DESIGN LOAD CAPACITY - PSF FOR ( XX ) SIZES									
WINDOW DIMS.		CLUSTER OF 1/4" ANCHORS AT IMPOST LOCATION				CLUSTER OF 5/16" ANCHORS AT IMPOST LOCATION			
WINDOW DIMS.		3/16" ANN. GLASS		3/16" TEMP. GLASS		3/16" TEMP. GLASS			
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
26-1/2"	26" (3)	60.0	125.0	60.0	210.0	60.0		60.0	210.0
37"		60.0	125.0	60.0	190.4	60.0		60.0	190.4
48"		60.0	125.0	60.0	146.8	60.0		60.0	146.8
53-1/8"		60.0	125.0	60.0	132.6	60.0		60.0	132.6
74"		60.0	110.2	60.0	95.2	60.0		60.0	95.2
76"		60.0	107.3	60.0	92.7	60.0		60.0	92.7
26-1/2"	38-3/8" (4)	60.0	125.0	60.0	210.0	60.0		60.0	210.0
37"		60.0	125.0	60.0	172.0	60.0		60.0	172.0
48"		60.0	115.1	60.0	132.6	60.0		60.0	132.6
53-1/8"		60.0	104.0	60.0	119.8	60.0		60.0	119.8
74"		60.0	74.7	60.0	86.0	60.0		60.0	86.0
76"		60.0	72.7	60.0	83.7	60.0		60.0	83.7
26-1/2"	50-5/8" (5)	60.0	125.0	60.0	182.0	60.0		60.0	210.0
37"		60.0	113.2	60.0	130.4	60.0		60.0	157.2
48"		60.0	87.3	60.0	100.5	60.0		60.0	121.1
53-1/8"		60.0	78.9	60.0	90.8	60.0		60.0	109.5
74"		X	X	60.0	65.2	60.0		60.0	78.6
76"	X	X	60.0	63.5	60.0		60.0	76.5	
26-1/2"	63" (6)	60.0	121.3	60.0	146.3	60.0		60.0	196.9
37"		60.0	88.3	60.0	104.8	60.0		60.0	141.0
48"		60.0	69.7	60.0	80.8	60.0		60.0	108.7
53-1/8"		X	X	60.0	73.0	60.0		60.0	98.2
74"		X	X	51.3	51.3	60.0		60.0	70.5
76"	X	X	50.7	50.7	60.0		60.0	68.6	
26-1/2"	74-1/4" (7)	60.0	73.7	60.0	124.1	60.0		60.0	158.8
37"		53.4	53.4	60.0	88.9	60.0		60.0	114.9
48"		X	X	60.0	68.5	60.0		60.0	89.8
53-1/8"		X	X	60.0	61.9	60.0		60.0	81.7
74"		X	X	40.7	40.7	59.8		59.8	59.8
76"	X	X	39.9	39.9	58.2		58.2	58.2	
26-1/2"	76" (7)	60.0	68.7	60.0	121.3	60.0		60.0	149.1
37"		49.8	49.8	60.0	86.9	60.0		60.0	108.0
48"		X	X	60.0	66.9	60.0		60.0	84.6
53-1/8"		X	X	60.0	60.5	60.0		60.0	77.1
74"		X	X	39.4	39.4	58.1		58.1	58.1
76"	X	X	38.8	38.8	56.9		56.9	56.9	

( ) = NO. OF ANCHORS PER JAMB



X XX  
APPROVED CONFIGURATIONS

OR 1/4" ANCHORS INTO PRECAST SILL

5/16" ANCHORS REQD. AT IMPOST CLUSTERS ONLY AT HEAD & SILL  
ALL OTHER HEAD, SILL AND JAMB ANCHORS TO BE 1/4"

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.C. 3538  
DEC 6 2006

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 06-1229.04  
Expiration Date, JAN. 23, 2008  
By *Manuel Jera*  
Miami Dade Product Control  
Division

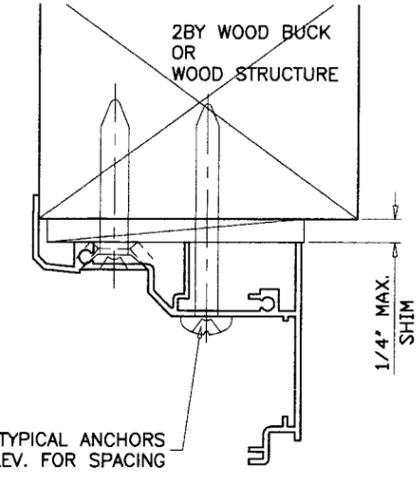
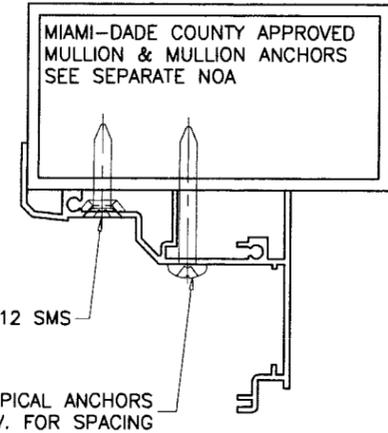
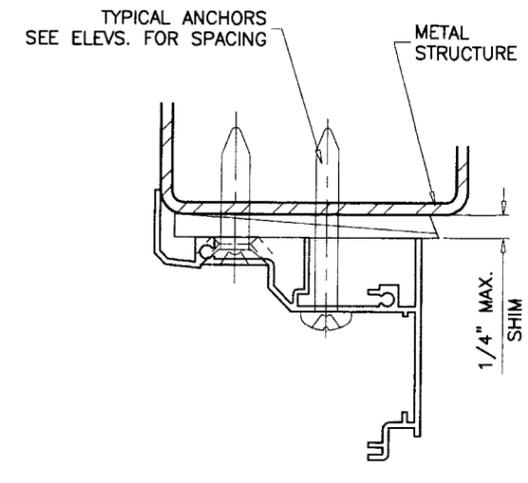
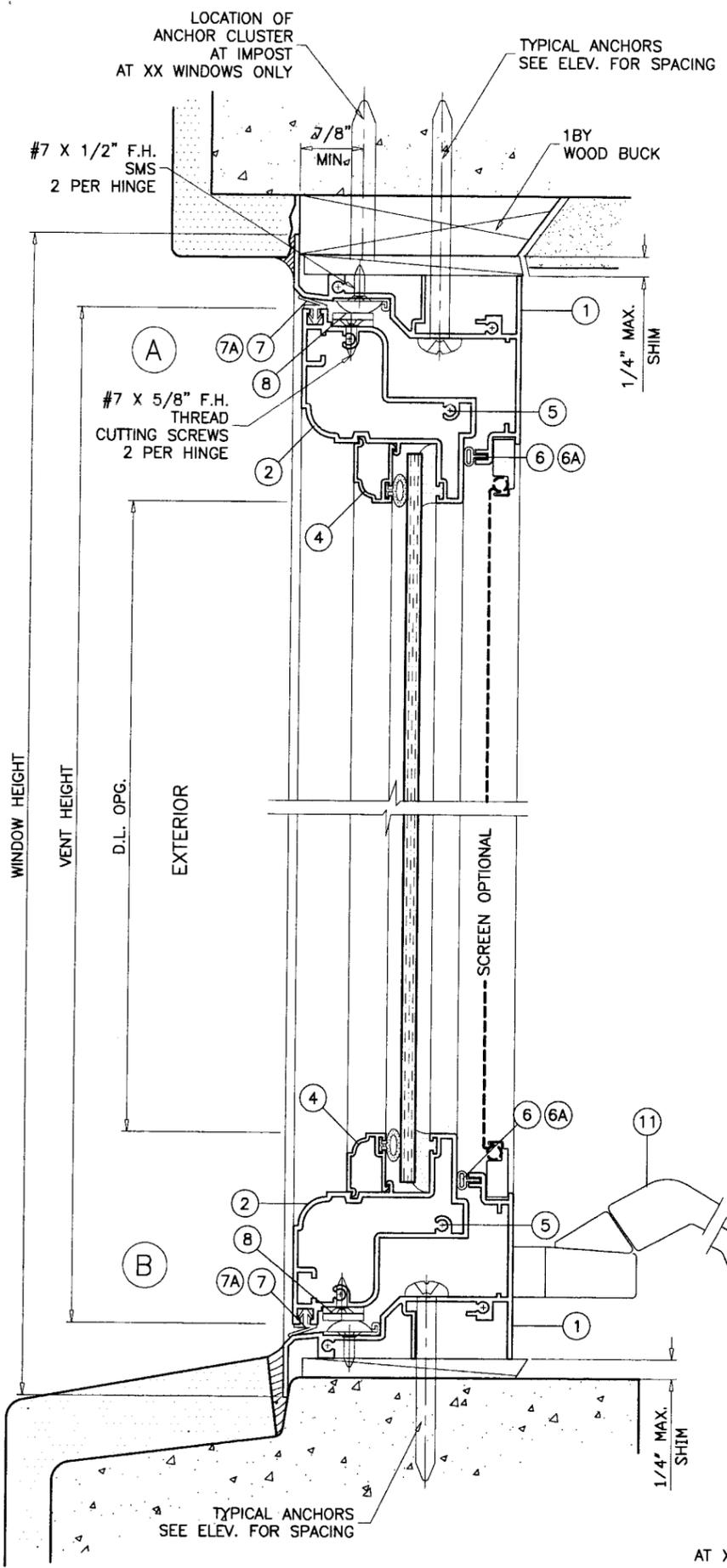
**afc**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978

SERIES-1400 ALUMINUM CASEMENT WDW. (N.I.)  
**YALE OGRON WINDOWS AND DOORS INC.**  
8130 N.W. 74TH AVE.  
MEDLEY, FL. 33166  
TEL. (305) 887-2646 FAX (305) 883-1309

no	date	description
A	10.31.06	UPDATED FOR 2004 FBC

date: 10-30-02  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W02-107**



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

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

**1/4" TAPCONS**

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
1-3/8" 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

**5/16" TAPCONS**

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

**#14 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 IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**#12 SMS OR SELF DRILLING SCREWS**

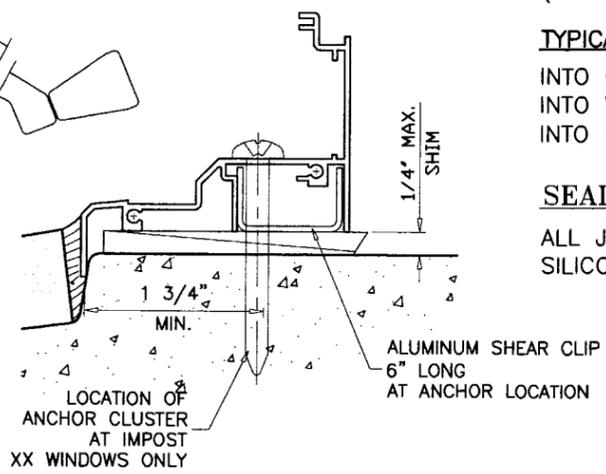
INTO DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")  
(NO SHIM SPACE)

**TYPICAL EDGE DISTANCE**

INTO CONCRETE AND MASONRY = 1-3/4" MIN.  
INTO WOOD STRUCTURE = AS SHOWN  
INTO METAL STRUCTURE = 1/2" MIN.

**SEALANTS:**

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SILICONE OR ACRYLIC SEALANT.



Engr: DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557  
C.A.N. 3538  
# DEC 06 2006

PRODUCT REVISED  
to comply with the Florida  
Building Code  
Acceptance No. 06-1229-04  
Expiration Date JAN. 23, 2008  
By: *Manuel Lopez*  
Miami Dade Product Control  
Division

**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
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MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL W02-107YO

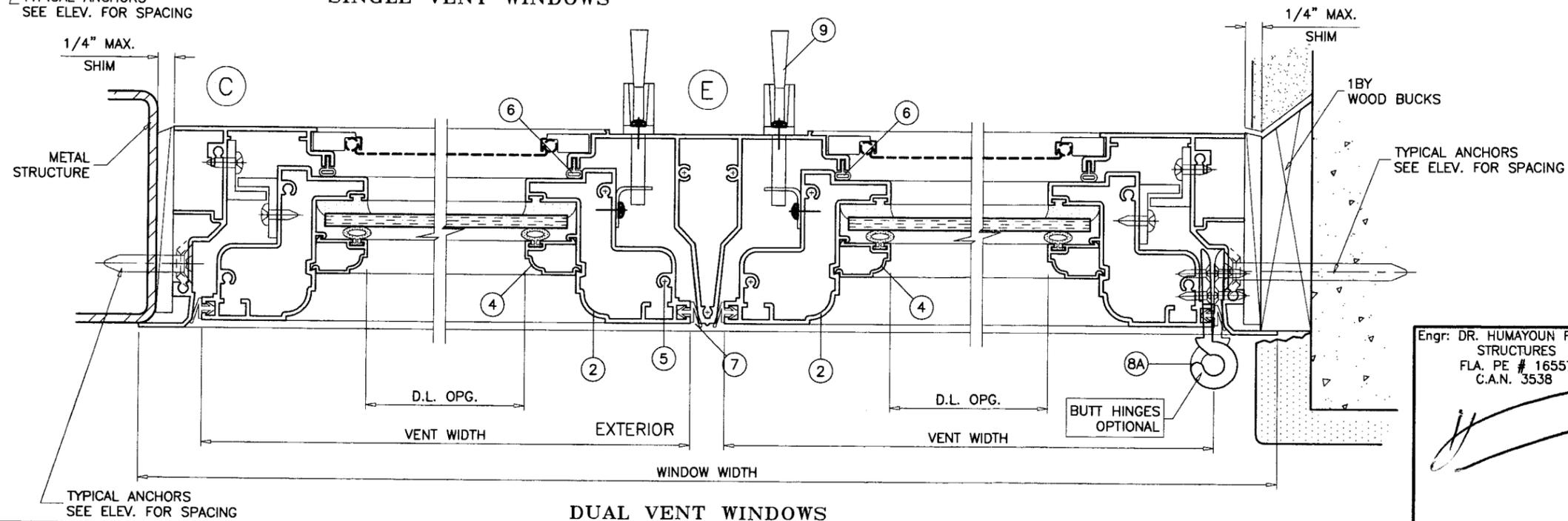
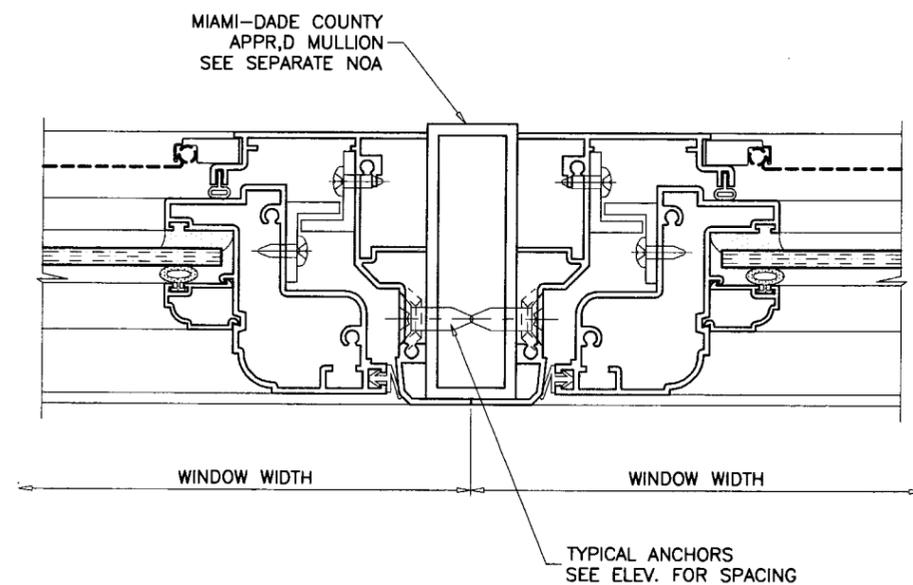
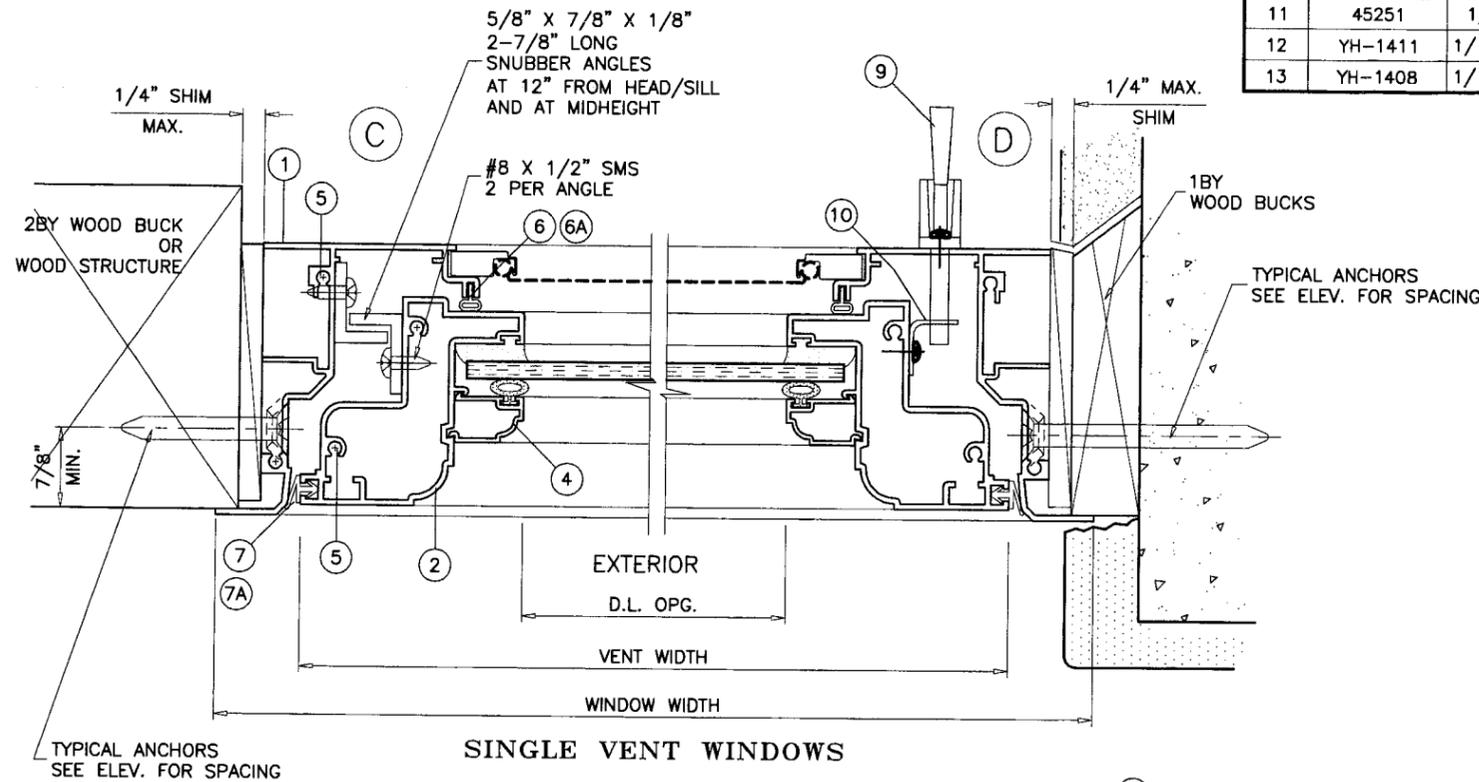
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A	10.31.06		UPDATED FOR 2004 FBC

date: 10-30-02  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W02-107**  
sheet 3 of 5

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	YE-1401	4	FRAME	6063-T6	-
2	YE-1402	4	VENT	6063-T6	-
3	YE-1404	1	CENTER POST	6063-T6	-
4	YE-1403	AS REQD.	GLAZING BEAD	6063-T6	-
5	#8 X 1"	AS REQD.	FRAME AND VENT ASSEMBLY SCREWS	-	-
6	E143	AS REQD.	BULB WEATHERSTRIPPING	VINYL	ULTRAFAB
6A	F101	AS REQD.	BULB WEATHERSTRIPPING	VINYL	ULTRAFAB
7	YH-920	AS REQD.	LEAF WEATHERSTRIPPING	VINYL	SULLIVAN & SULLIVAN
7A	E701	AS REQD.	DOUBLE LEAF WEATHERSTRIPPING	VINYL	ULTRAFAB
8	31858/31862	2/ VENT	2 BAR HINGE, AT TOP AND BOTTOM	STEEL	TRUTH
8A	YH-650	3/ VENT	BUTT HINGES (ALT. TO BAR HINGES)	-	ATTACHED W/ (6) #10 X 1/2" FH SCREWS
9	45200	2/ VENT	FACE MOUNT LOCK	STEEL	TRUTH, AT 18" FROM BOT. & 17" FROM TOP
10	31376	2/ VENT	LOCK KEEPER, AT FRAME JAMB FACING LOCK	STEEL	YALE, AT 18" FROM BOT. & 17" FROM TOP
11	45251	1/ VENT	ROTO OPERATOR	STEEL	TRUTH, AT 8" FROM ENDS
12	YH-1411	1/ CORNER	FRAME CORNER KEY	-	YALE (7/8" X 2" X 1/8" X 2" LONG)
13	YH-1408	1/ CORNER	VENT CORNER KEY	-	DECO



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

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 06-1279-04  
Expiration Date 12/31/2008

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  
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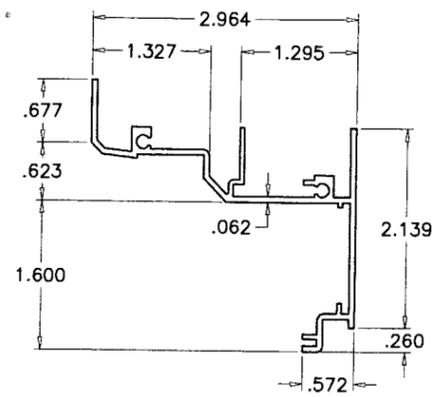
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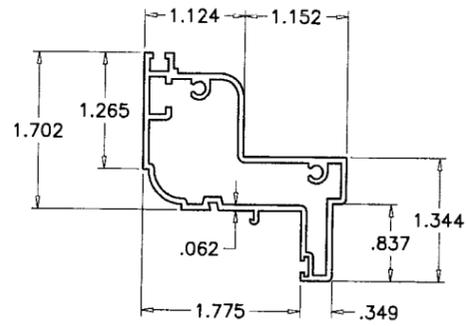
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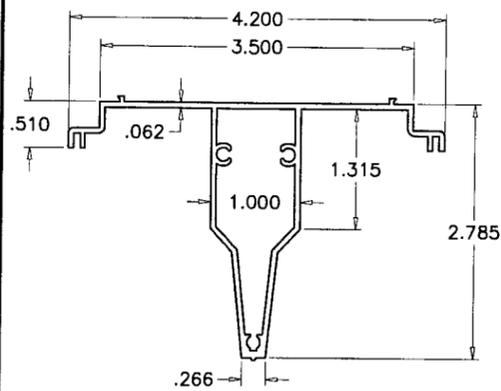
drawing no.  
**W02-107**  
sheet 4 of 5



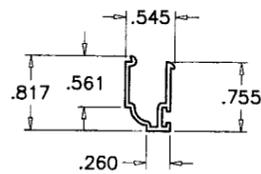
FRAME



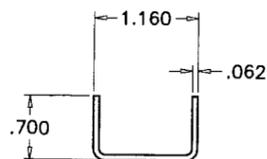
VENT



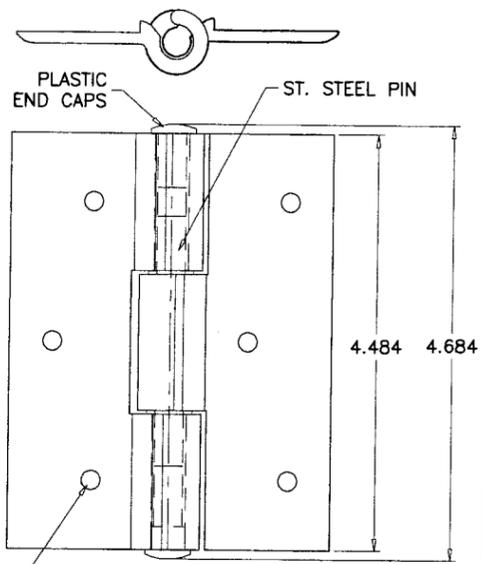
IMPOST



GLAZING BEAD

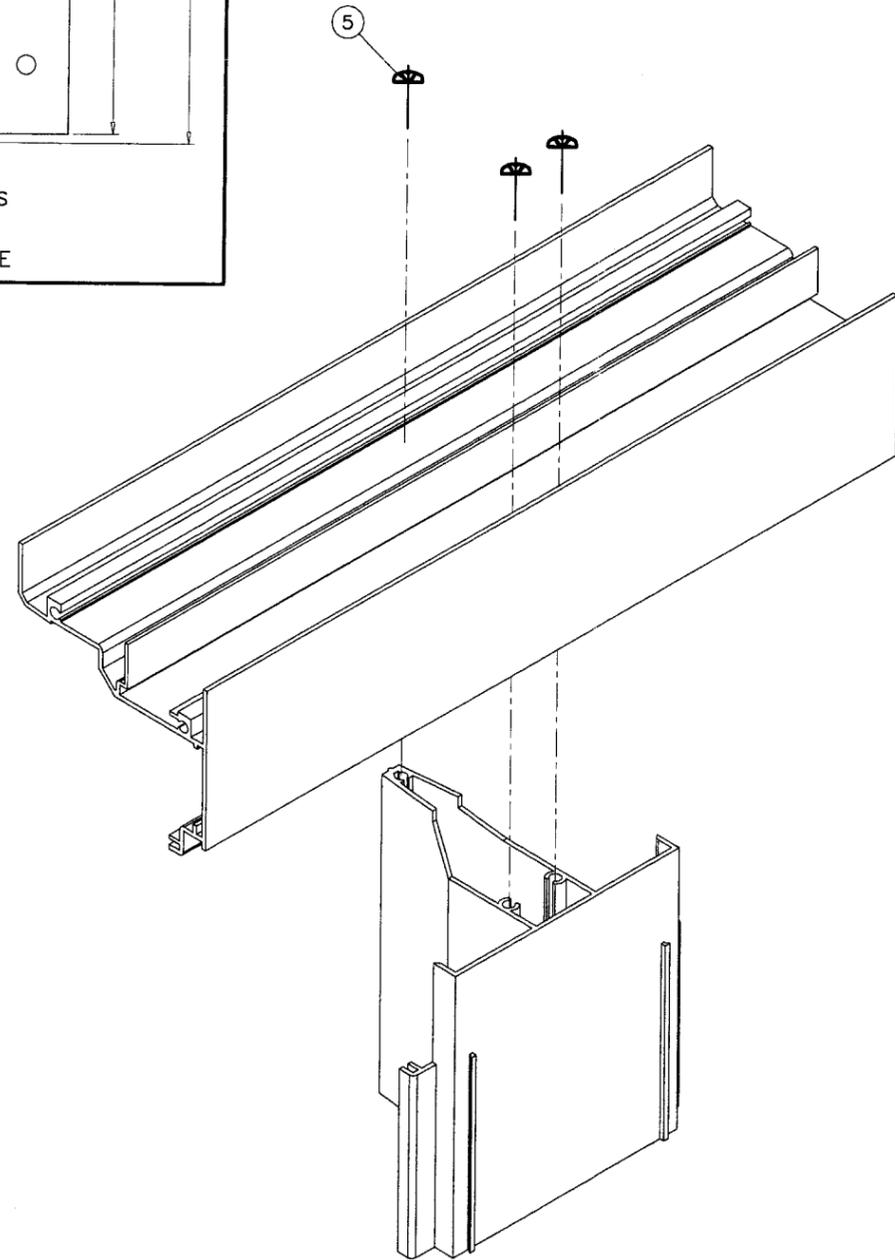


SHEAR CLIP  
ALUMINUM (6063-T5 OR 3003-H14)

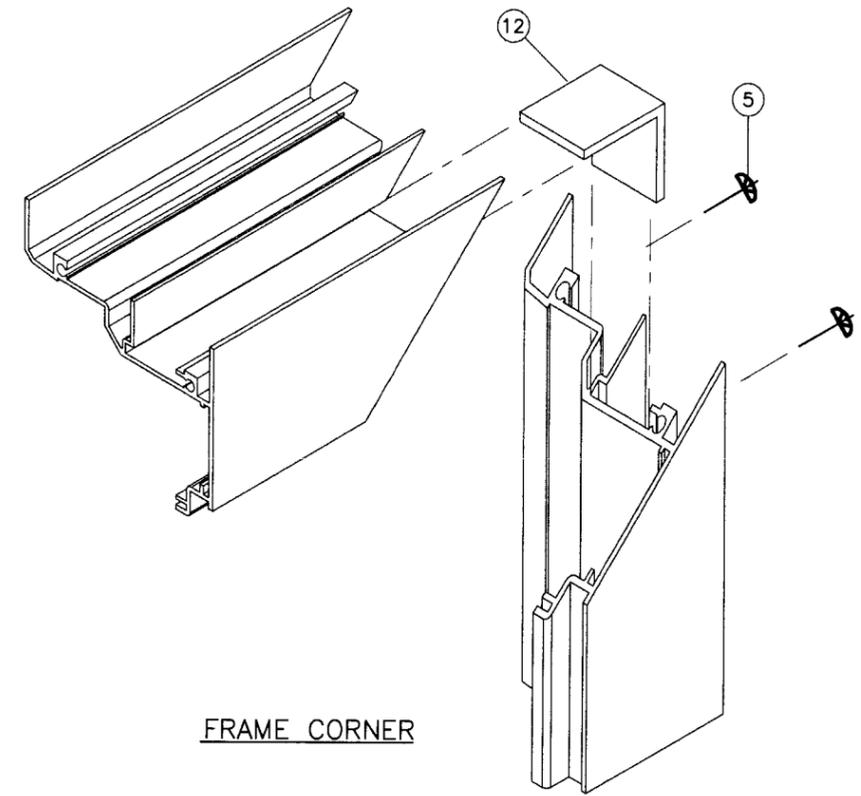


#10 X 1/2" FH  
THREAD CUTTING SCREWS

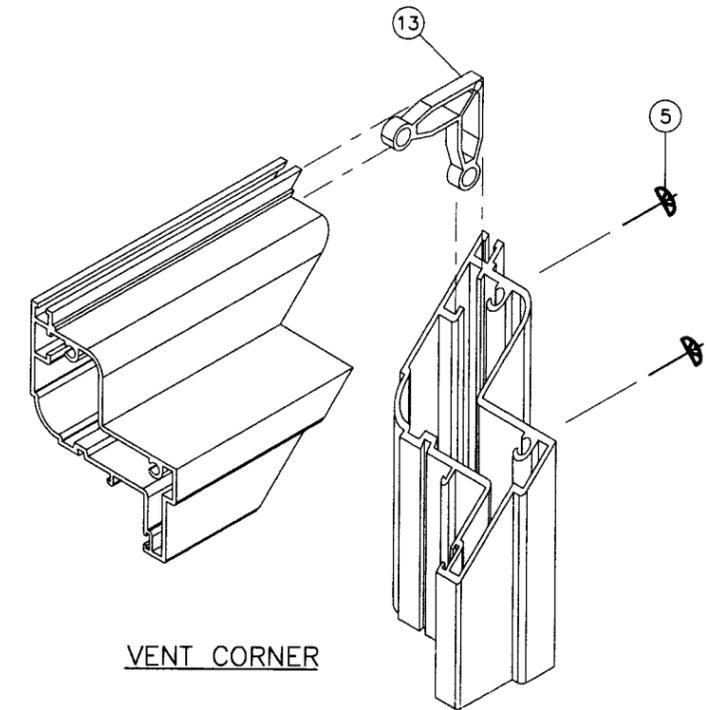
BUTT HINGE



IMPOST COPING



FRAME CORNER



VENT CORNER

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

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 06-1229.04  
Expiration Date JAN. 23, 2008  
By: *Manuel Sere*  
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\W02-107Y0

SERIES-1400 ALUMINUM CASEMENT WDW. (N.I.)  
**YALE OGRON WINDOWS AND DOORS INC.**  
8130 N.W. 74TH AVE.  
MEDLEY, FL. 33166  
TEL. (305) 887-2646 FAX (305) 883-1309

no	date	by	description
A	10.31.06		UPDATED FOR 2004 FBC

date: 10-30-02  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W02-107**  
sheet 5 of 5