



**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)**

---

**Yale Ogron Windows & Doors  
671 West 18<sup>th</sup> Street  
Hialeah, FL 33010**

**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 High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: Series "1400" Aluminum Casement Window**

**APPROVAL DOCUMENT:** Drawing No. **W02-107**, titled "Series-1400 Aluminum Casement Window", sheets 1 through 5 of 5, prepared by Al Farooq Corporation, dated 10/30/02, 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: 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 consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Theodore Berman, P.E.**



**NOA No 02-1107.03  
Expiration Date: January 23, 2008  
Approval Date: January 23, 2003  
Page 1**

**Yale Ogron Windows & Doors**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

(For File ONLY. Not part of NOA)

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **W02-107**, titled "Series-1400 Aluminum Casement Window", sheets 1 through 5 of 5, prepared by Al Farooq Corporation, dated 10/30/02, signed and sealed by Humayoun Farooq, P.E.

**B. TESTS**

1. 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 01165 dated 2/15/02, signed and sealed by Luis Antonio Figueredo, 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)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 01166 dated 2/11/02, signed and sealed by Luis Antonio Figueredo, P.E.

**C. CALCULATIONS**

1. Anchor Calculations and structural analysis, prepared by Al Farooq Corporation dated 10/30/02, signed and sealed by Yiping Wang, P.E.

**D. MATERIAL CERTIFICATIONS**

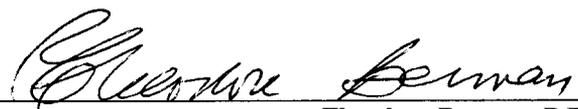
1. None

**E. STATEMENTS**

1. Statement letter of no financial interest, dated 10/30/02, signed and sealed by Humayoun Farooq, P.E.
2. Laboratory compliance letter for Test Report no. FTL 01165 and FTL 01166, issued by Fenestration Testing Laboratory, Inc., dated 3/1/02, signed and sealed by Luis Antonio Figueredo, P.E.

**F. OTHER**

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



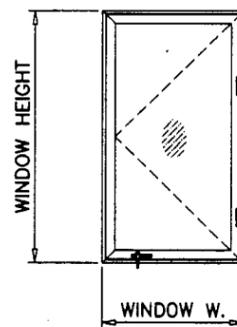
**Theodore Berman, P.E.**  
**Deputy Director, Product Control Division**  
**NOA No 02-1107.03**  
**Expiration Date: January 23, 2008**  
**Approval Date: January 23, 2003**



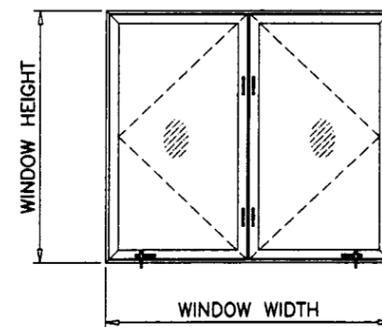
DESIGN LOAD CAPACITY - PSF FOR ( X ) SIZES						
WINDOW DIMS.		N	3/16" ANN. GLASS		3/16" TEMP. GLASS	
WIDTH	HEIGHT		EXT. (+)	1NT. (-)	EXT. (+)	1NT. (-)
19-1/8"	26"	3	60.0	125.0	60.0	210.0
26-1/2"		3	60.0	125.0	60.0	161.0
37"		3	60.0	113.5	60.0	161.0
19-1/8"	38-3/8"	4	60.0	125.0	60.0	197.8
26-1/2"		4	60.0	107.2	60.0	142.7
37"		4	60.0	74.1	60.0	102.2
19-1/8"	50-5/8"	5	60.0	112.8	60.0	182.5
26-1/2"		5	60.0	80.1	60.0	131.7
37"		5	X	X	60.0	94.3
19-1/8"	63"	5	60.0	87.8	60.0	146.7
26-1/2"		5	X	X	60.0	105.8
37"		5	X	X	60.0	75.8
19-1/8"	74-1/4"	6	53.1	53.1	60.0	119.2
26-1/2"		6	X	X	60.0	87.8
37"		6	X	X	60.0	64.3
19-1/8"	76"	6	49.5	49.5	60.0	112.0
26-1/2"		6	X	X	60.0	82.7
37"		6	X	X	60.0	62.2

N = NO. OF ANCHORS PER JAMB

DESIGN LOAD CAPACITY - PSF FOR ( XX ) SIZES															
WINDOW DIMS.		N	1 ANCHOR AT EACH SIDE OF IMPOST				2 ANCHORS AT EACH SIDE OF IMPOST								
			3/16" ANN. GLASS		3/16" TEMP. GLASS		3/16" ANN. GLASS		3/16" TEMP. GLASS						
WIDTH	HEIGHT		EXT. (+)	1NT. (-)	EXT. (+)	1NT. (-)	EXT. (+)	1NT. (-)	EXT. (+)	1NT. (-)	EXT. (+)	1NT. (-)			
26-1/2"	26"	3	60.0	125.0	60.0	210.0	60.0	125.0	60.0	210.0	60.0	125.0	60.0	210.0	
37"		3	60.0	125.0	60.0	210.0	60.0	125.0	60.0	210.0	60.0	125.0	60.0	210.0	
48"		3	60.0	125.0	60.0	174.5	60.0	125.0	60.0	174.5	60.0	125.0	60.0	174.5	
53-1/8"		3	60.0	125.0	60.0	161.0	60.0	125.0	60.0	161.0	60.0	125.0	60.0	161.0	
74"		3	60.0	110.2	60.0	161.0	60.0	110.2	60.0	161.0	60.0	110.2	60.0	161.0	
76"	3	60.0	107.3	60.0	161.0	60.0	107.3	60.0	161.0	60.0	107.3	60.0	161.0		
26-1/2"	38-3/8"	4	60.0	125.0	60.0	172.5	60.0	125.0	60.0	210.0	60.0	125.0	60.0	210.0	
37"		4	60.0	125.0	60.0	134.7	60.0	125.0	60.0	204.5	60.0	125.0	60.0	204.5	
48"		4	60.0	114.7	60.0	114.7	60.0	115.1	60.0	157.6	60.0	115.1	60.0	157.6	
53-1/8"		4	60.0	102.2	60.0	108.9	60.0	102.2	60.0	142.4	60.0	102.2	60.0	142.4	
74"		4	60.0	72.5	60.0	98.7	60.0	72.5	60.0	102.2	60.0	72.5	60.0	102.2	
76"	4	60.0	70.6	60.0	98.6	60.0	70.6	60.0	99.5	60.0	70.6	60.0	99.5		
26-1/2"	50-5/8"	5	60.0	124.5	60.0	124.5	60.0	125.0	60.0	210.0	60.0	125.0	60.0	210.0	
37"		5	60.0	94.8	60.0	94.8	60.0	113.2	60.0	185.0	60.0	113.2	60.0	185.0	
48"		5	60.0	78.3	60.0	78.3	60.0	87.3	60.0	142.6	60.0	87.3	60.0	142.6	
53-1/8"		5	60.0	73.2	60.0	73.2	60.0	75.6	60.0	128.9	60.0	75.6	60.0	128.9	
74"		5	X	X	60.0	61.1	X	X	60.0	92.5	60.0	X	X	60.0	92.5
76"	5	X	X	60.0	60.4	X	X	60.0	90.1	60.0	X	X	60.0	90.1	
26-1/2"	63"	5	60.0	97.2	60.0	97.2	60.0	121.3	60.0	194.3	60.0	121.3	60.0	194.3	
37"		5	60.0	73.0	60.0	73.0	60.0	88.3	60.0	146.0	60.0	88.3	60.0	146.0	
48"		5	59.3	59.3	59.3	59.3	60.0	69.7	60.0	114.6	60.0	69.7	60.0	114.6	
53-1/8"		5	X	X	55.0	55.0	X	X	60.0	103.5	60.0	X	X	60.0	103.5
74"		5	X	X	44.1	44.1	X	X	60.0	74.3	60.0	X	X	60.0	74.3
76"	5	X	X	43.4	43.4	X	X	60.0	72.4	60.0	X	X	60.0	72.4	
26-1/2"	74-1/4"	6	60.0	73.7	60.0	81.0	60.0	73.7	60.0	162.0	60.0	73.7	60.0	162.0	
37"		6	53.4	53.4	60.0	60.4	53.4	53.4	60.0	120.7	60.0	53.4	60.0	120.7	
48"		6	X	X	48.6	48.6	X	X	60.0	94.7	60.0	X	X	60.0	94.7
53-1/8"		6	X	X	44.8	44.8	X	X	60.0	86.2	60.0	X	X	60.0	86.2
74"		6	X	X	35.2	35.2	X	X	60.0	63.1	60.0	X	X	60.0	63.1
76"	6	X	X	34.6	34.6	X	X	60.0	61.4	60.0	X	X	60.0	61.4	
26-1/2"	76"	6	60.0	68.7	60.0	79.0	60.0	68.7	60.0	157.2	60.0	68.7	60.0	157.2	
37"		6	49.8	49.8	58.8	58.8	49.8	49.8	60.0	113.8	60.0	49.8	60.0	113.8	
48"		6	X	X	47.3	47.3	X	X	60.0	89.2	60.0	X	X	60.0	89.2
53-1/8"		6	X	X	43.6	43.6	X	X	60.0	81.3	60.0	X	X	60.0	81.3
74"		6	X	X	34.1	34.1	X	X	60.0	61.3	60.0	X	X	60.0	61.3
76"	6	X	X	33.5	33.5	X	X	60.0	60.0	60.0	X	X	60.0	60.0	



X



XX

APPROVED CONFIGURATIONS

Approved as complying with the  
Florida Building Code  
Date 01/23/03  
NOA# 02-1103.03  
Miami Dade Product Control  
Division  
By: *Glenn Berman*

Engr: DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557

NOV 04 2002

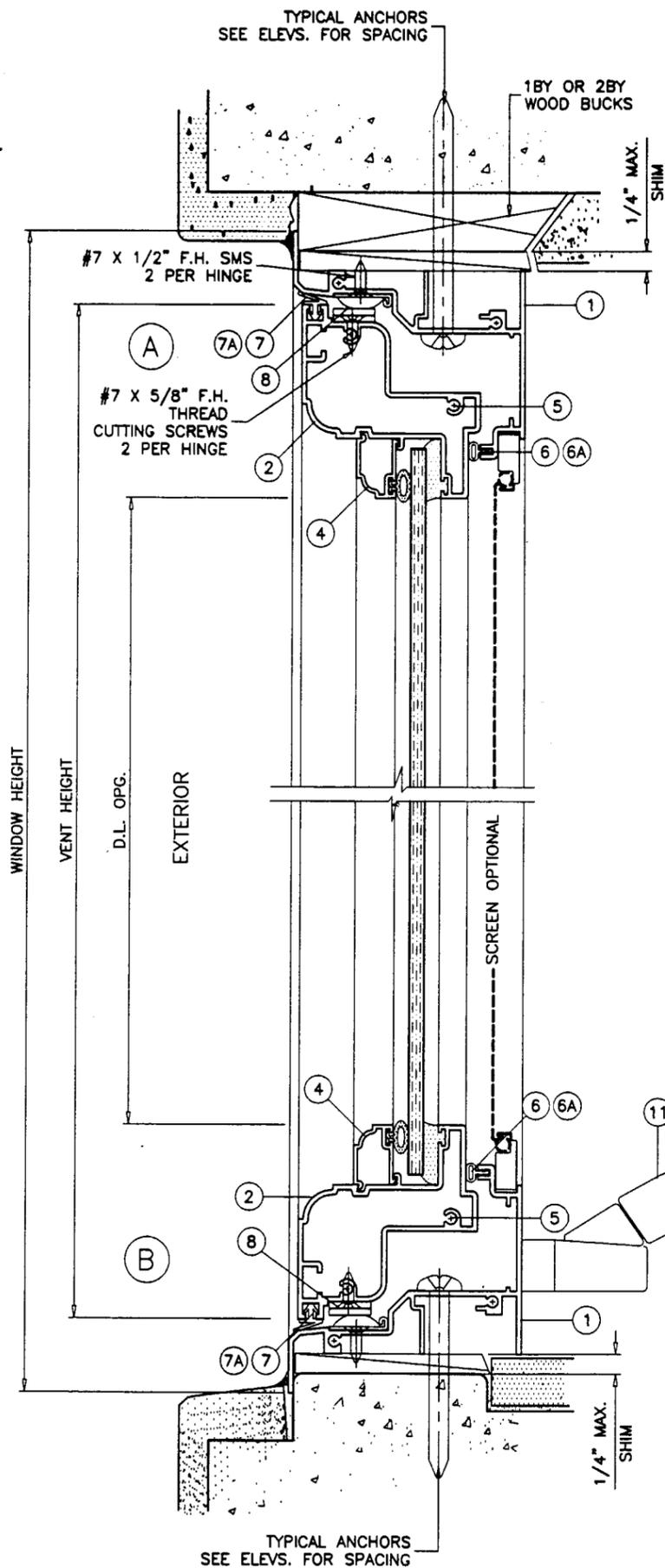
**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-6978  
COMP-ANL/W02-1070

SERIES-1400 ALUMINUM CASEMENT WINDOW  
**YALE OGRON MFG. CO. INC.**  
671 WEST 18TH ST.  
HIALEAH, FL. 33010-2480  
TEL (305) 887-2646 FAX (305) 883-1309

no	date	description

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

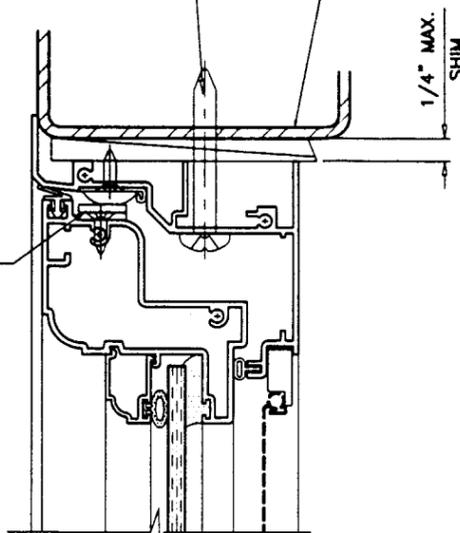
drawing no.  
**W02-107**  
sheet 2 of 5



TYPICAL ANCHORS  
SEE ELEV. FOR SPACING

METAL STRUCTURES  
(STEEL OR ALUM. 1/8" MIN. THICK)  
STEEL :  $F_y = 36$  KSI MIN.  
ALUMINUM : 6063-T5 MIN.

2 BAR TRUTH HINGES  
ALTERNATE TO BUTT HINGES



2 BAR TRUTH HINGES  
ALTERNATE TO BUTT HINGES

TYPICAL ANCHORS  
SEE ELEV. FOR SPACING

1BY OR 2BY  
WOOD BUCK

WOOD BUCKS 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 STRUCTURE  
1-3/8" MIN. PENETRATION INTO WOOD

THRU 1BY WOOD BUCKS INTO MASONRY OR CONC.  
1-1/4" MIN. EMBED INTO MASONRY OR CONC.

DIRECTLY INTO MASONRY OR CONC.  
1-1/4" MIN. EMBED INTO MASONRY OR CONC.

**#14 SMS OR 1/4" SELF DRILLING SCREWS**

INTO METAL STRUCTURES (1/8" MIN. THICKNESS)  
OR ALUMINUM MULLIONS (HOLDING A VALID NOA.)

**SEALANTS:**

ALL FRAME AND VENT CORNERS, PERIMETER OF  
HINGES, LOCKS AND OPERATORS SEALED WITH SEALANT.

Approved as complying with the  
Florida Building Code  
Date 01/23/03  
NOA# 02-1103.03  
Miami State Product Control  
Div. Cleodra Berman

Engr. DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557

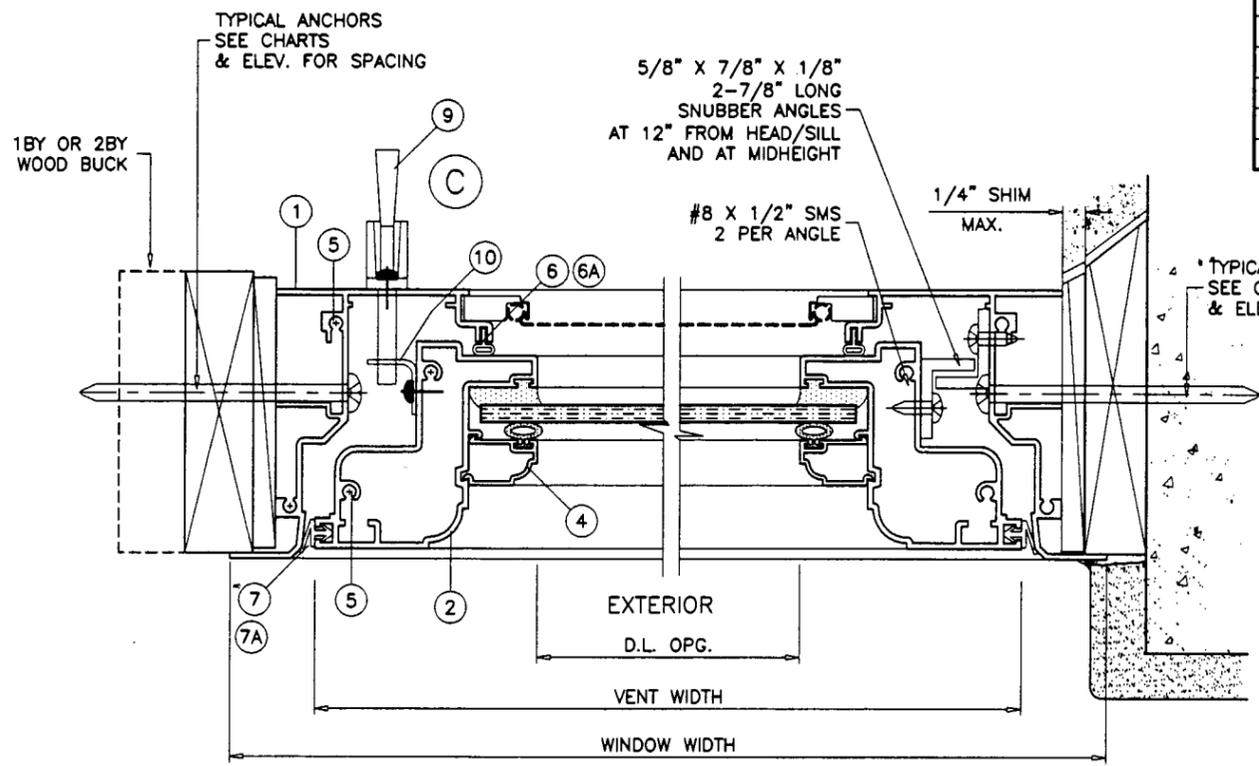
NOV 04 2002

**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W02-107Y0

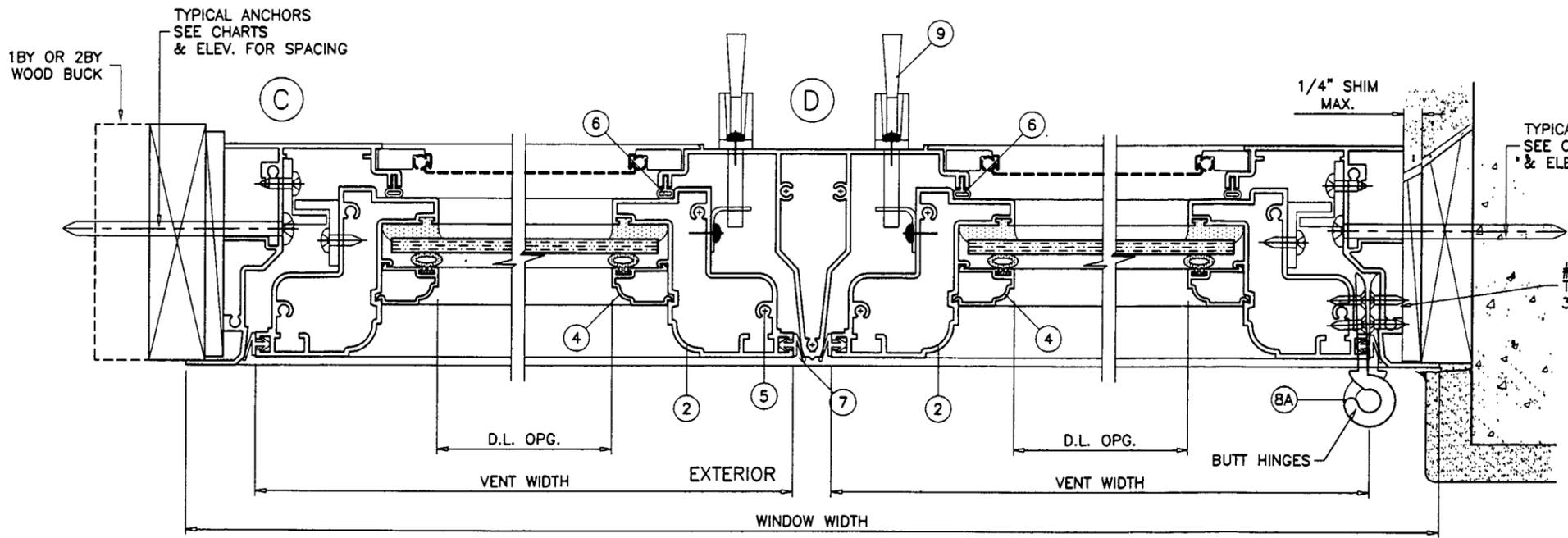
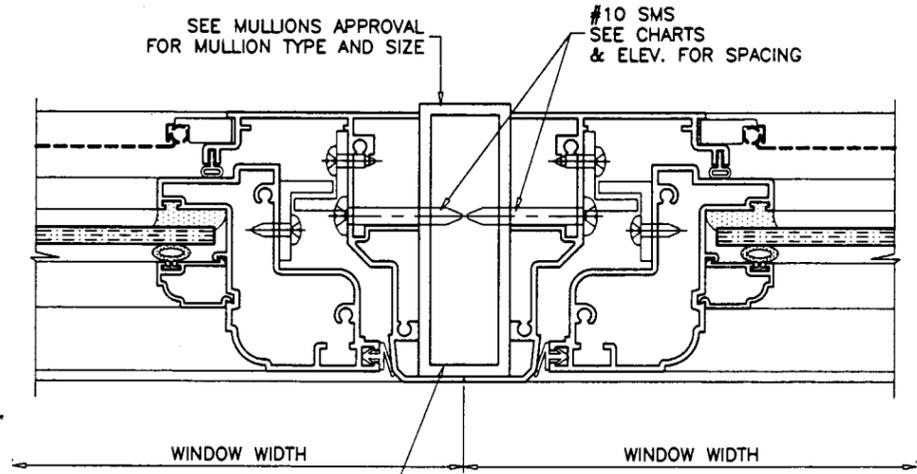
SERIES-1400 ALUMINUM CASEMENT WINDOW  
**YALE OGRON MFG. CO. INC.**  
671 WEST 18TH ST.  
HIALEAH, FL. 33010-2480  
TEL. (305) 887-2646 FAX (305) 883-1309

revisions:	no	date	by	description
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



SINGLE VENT WINDOWS



DUAL VENT WINDOWS

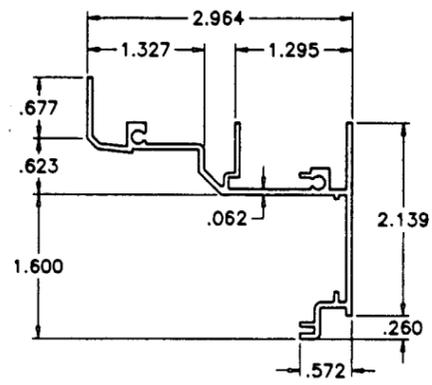
Engr: DR. HUMAYOON FAROOQ  
STRUCTURES  
FLA. PE # 16557  
NOV 04 2002

Approved as complying with the  
Florida Building Code  
Date 01/23/03  
NOA# 02-1107.03  
Miami Dade Product Control  
Div  
By Alexander Berman

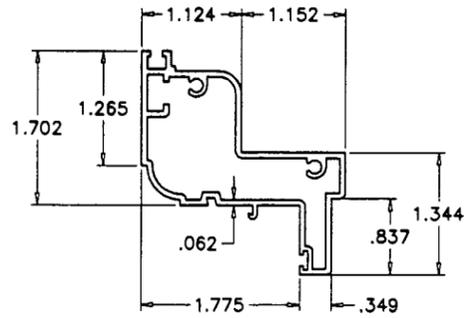
*afC*  
**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W02-107Y0

SERIES-1400 ALUMINUM CASEMENT WINDOW  
**YALE OGRON MFG. CO. INC.**  
671 WEST 18TH ST.  
HIALEAH, FL. 33010-2480  
TEL. (305) 887-2646 FAX (305) 883-1309

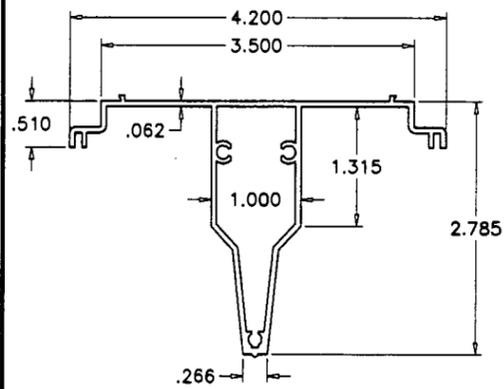
revisions:	no	date	by	description
date:	10-30-02	scale:	1/2" = 1"	
dr. by:	HAMID	chk. by:		
drawing no. <b>W02-107</b>				
sheet 4 of 5				



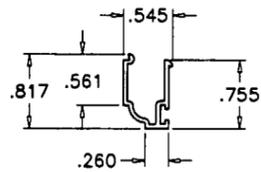
FRAME



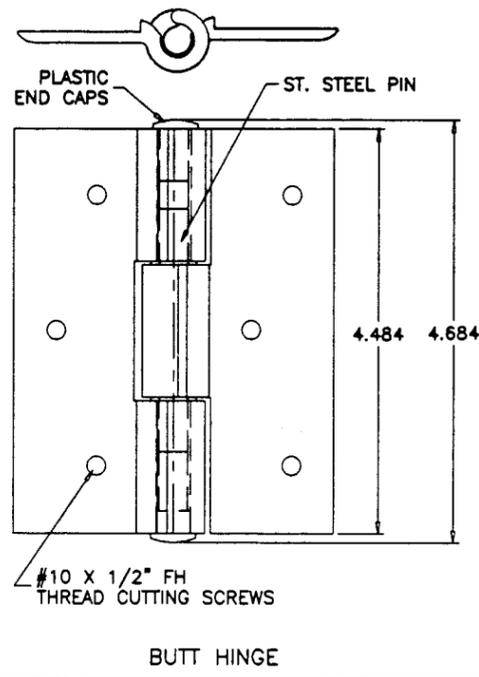
VENT



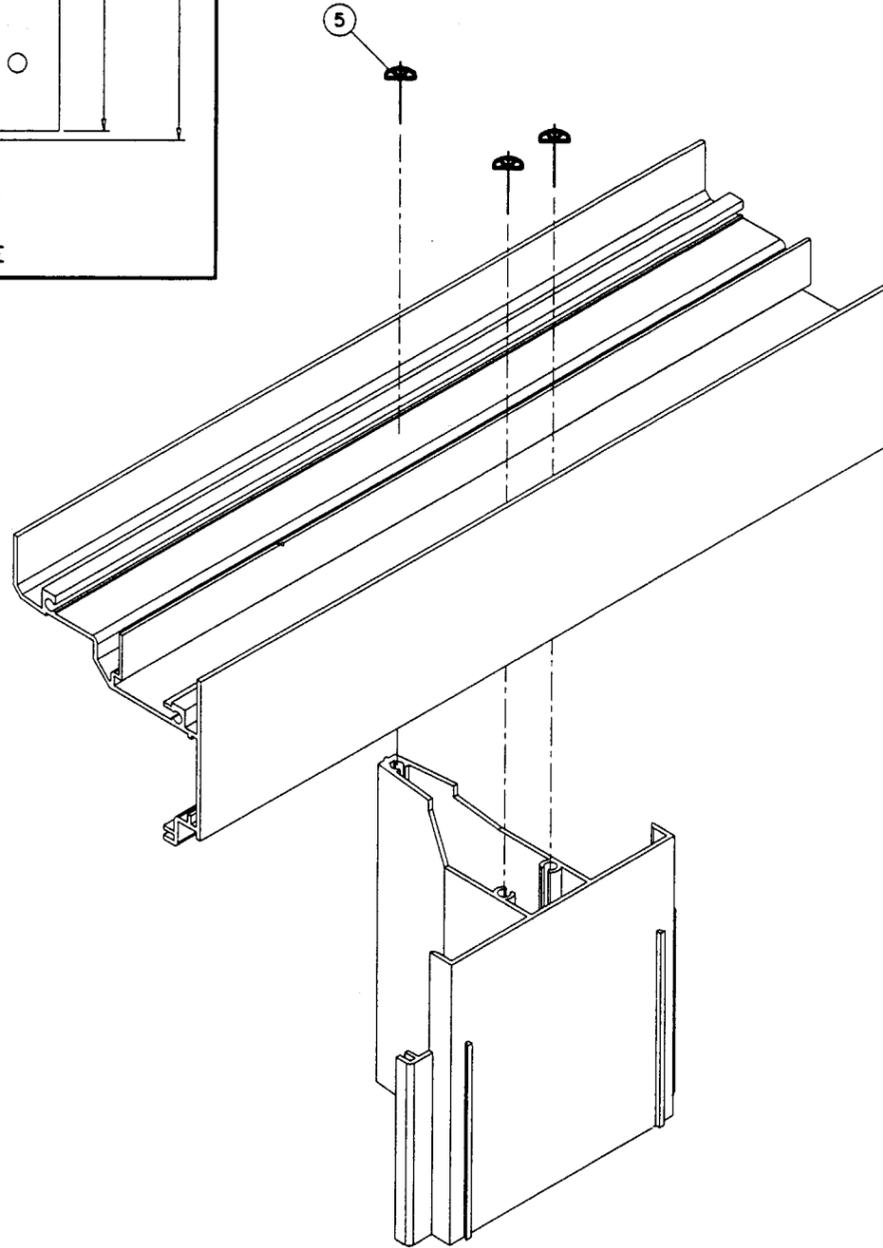
IMPOST



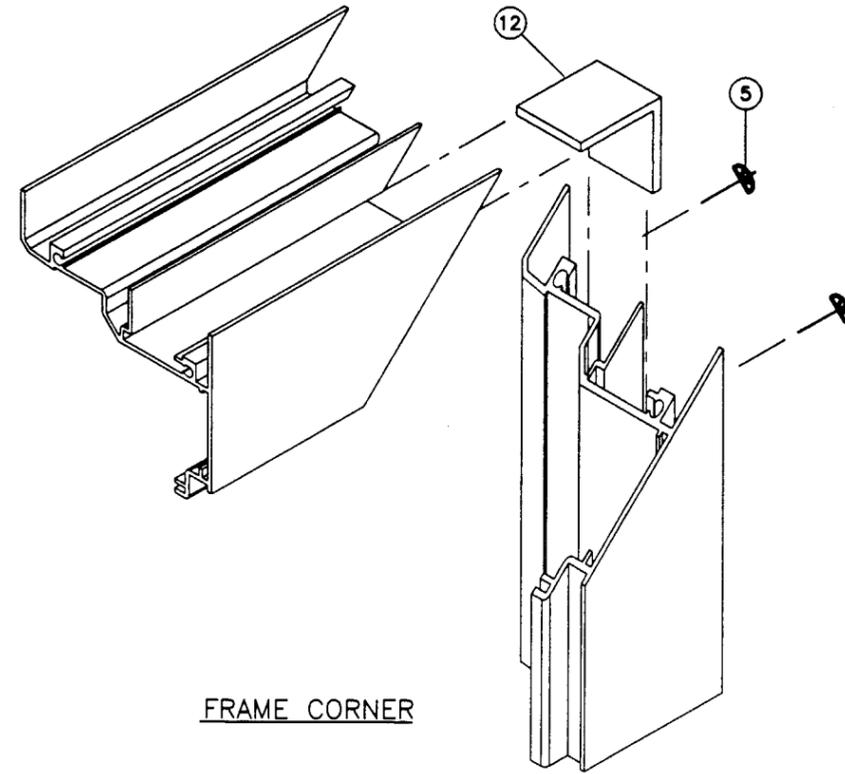
GLAZING BEAD



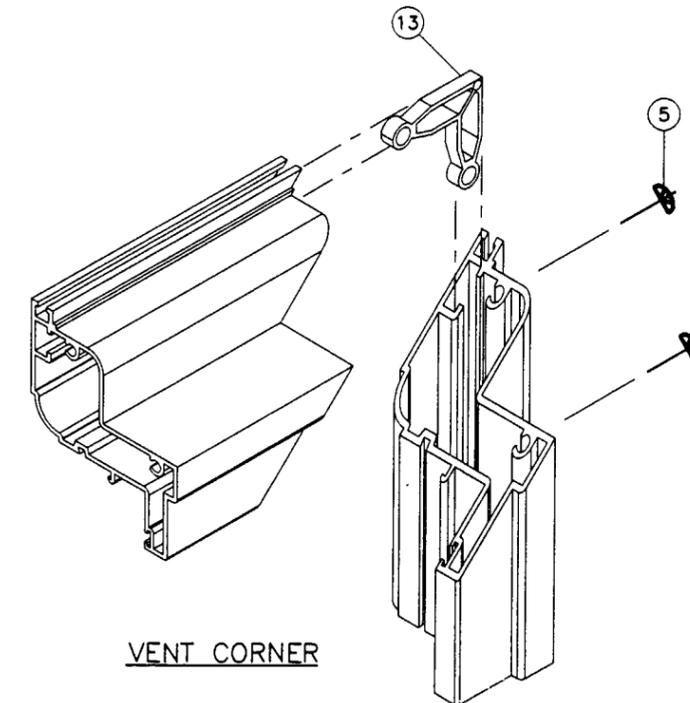
BUTT HINGE



IMPOST COPING



FRAME CORNER



VENT CORNER

Approved as complying with the  
 Florida Building Code  
 Date 01/23/03  
 NOAE 02-1103.03  
 Miami Building Product Control  
 Division  
 By *[Signature]*

Engr: DR. HUMAYOUN FAROOQ  
 STRUCTURES  
 FLA. PE # 16557

NOV 04 2002

*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 W02-107YO

SERIES-1400 ALUMINUM CASEMENT WINDOW  
**YALE OGRON MFG. CO. INC.**  
 671 WEST 18TH ST.  
 HIALEAH, FL. 33010-2480  
 TEL. (305) 887-2646 FAX (305) 883-1309

revisions:	
no	date by description

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

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