



**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)**

**www.buldingcodeonline.com**

**Yale Ogron Windows and 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 800 Aluminum Awning Window**

**APPROVAL DOCUMENT:** Drawing No. W98-21, titled "Series 800 Aluminum Awning Window (NI)", sheets 1 through 4 of 4, dated 03/03/98, with revision C dated 06/24/06, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P. E., bearing the Miami-Dade County Product Control Renewal 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 **renews NOA # 01-0607.02** 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 06-0628.02  
Expiration Date: September 17, 2007  
Approval Date: August 3, 2006  
Page 1**

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

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No **W98-21**, Sheets 1 through 4 of 4, titled "Series 800 Aluminum Awning Window (NI)", prepared by Al-Farooq Corporation, dated 03/03/98 with revision C dated 06/24/06, signed and sealed by Humayoun Farooq, P.E.

**B. TESTS**

1. Test report on:
  - 1) Air Infiltration Test, per PA 202-94
  - 2) Uniform Static Air Pressure Test, Loading per PA 202-94
  - 3) Water Resistance Test, per PA 202-94
  - 4) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94along with marked-up drawings and installation diagram of an aluminum awning window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-1827**, dated 12/30/97, signed and sealed by Gilbert Diamond, P.E.
2. Addendum letter for test report **FTL-1827** referenced above dated August 17, 1998, signed by Mr. Manny Sanchez.
3. Addendum letter for test report **FTL-1827** referenced above dated August 25, 1998, signed and sealed by Mr. Gilbert Diamond, P.E..

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2004, prepared by Al-Farooq Corporation, dated June 24, 2006, signed and sealed by Humayoun Farooq, P.E.  
**Complies with ASTM E1300-98/02**
2. Comparative analysis and anchor calculations, prepared by Al-Farooq Corporation, dated March 11, 1998, revised on August 23 and 26, 1998, signed and sealed by Humayoun Farooq, P.E.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

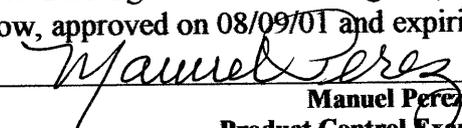
1. None.

**F. STATEMENTS**

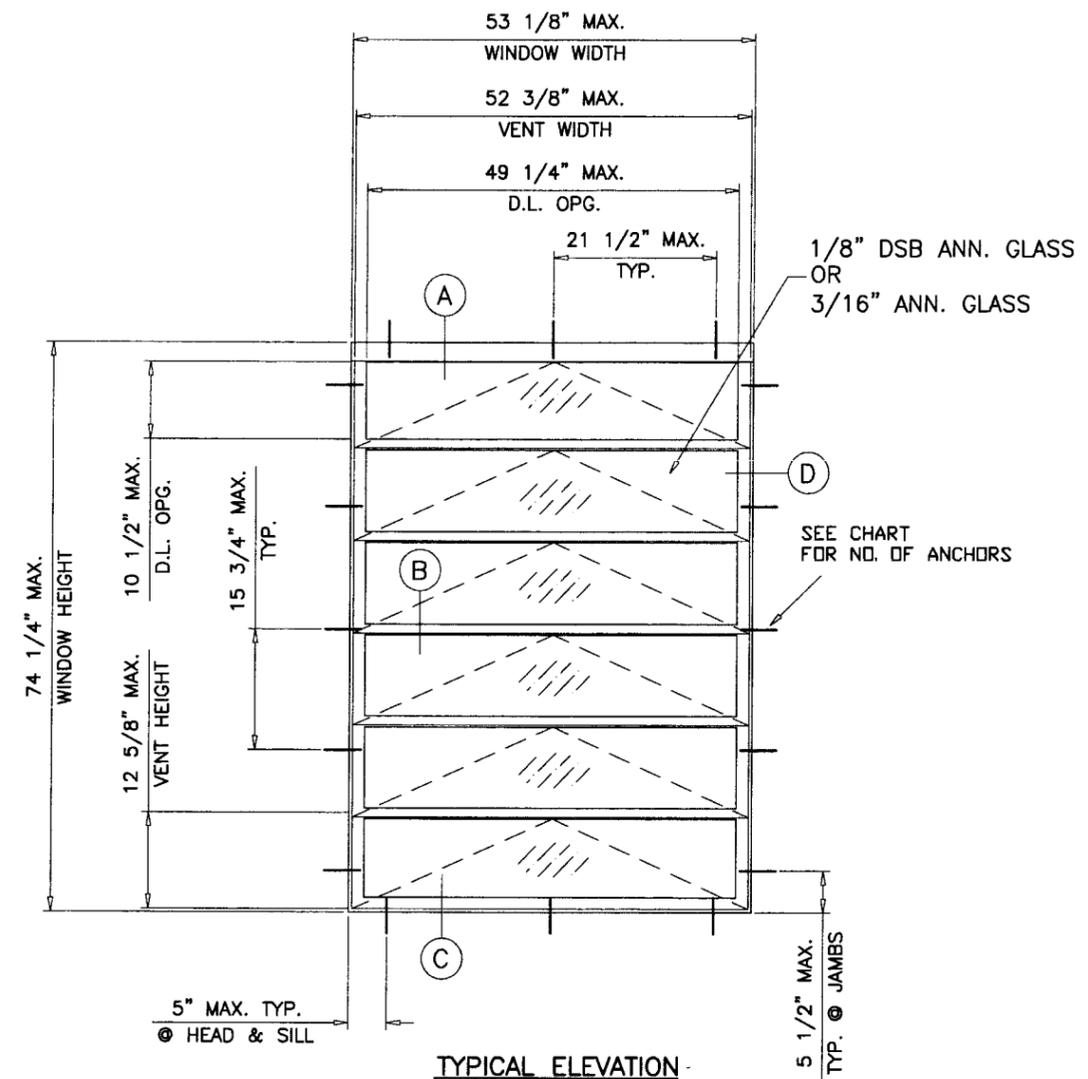
1. Statement letter of compliance, dated June 24, 2006, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, dated February 26, 1998, signed Farooq, P.E.
4. Laboratory confirmation of test contract letter by Fenestration Testing Lab, Inc., dated June 22, 2006, signed by Dina Cova, Administrative Assistant.

**G. OTHER**

1. Notice of Acceptance No. **01-0607.02**, issued to Yale Ogron Manufacturing Co., Inc. for their Series 800 Aluminum Awning Window, approved on 08/09/01 and expiring on 09/17/06.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No 06-0628.02  
Expiration Date: September 17, 2007  
Approval Date: August 3, 2006

DESIGN LOAD CAPACITY - PSF							
WINDOW DIMS.		NUMBER OF VENTS	NUMBER OF ANCHORS/JAMB	1/8" DSB ANN. GLASS		3/16" ANN. GLASS	
WIDTH	HEIGHT			EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)
19-1/8"	26"	2	2	63.3	75.0	-	-
26-1/2"		2	2	63.3	75.0	-	-
37"		2	2	63.3	71.3	-	-
53-1/8"		2	2	37.0	37.0	49.6	49.6
19-1/8"	38-3/8"	3	3	63.3	75.0	-	-
26-1/2"		3	3	63.3	75.0	-	-
37"		3	3	63.3	72.4	-	-
53-1/8"		3	3	37.0	37.0	50.1	50.1
19-1/8"	50-5/8"	4	4	63.3	75.0	-	-
26-1/2"		4	4	63.3	75.0	-	-
37"		4	4	63.3	73.2	-	-
53-1/8"		4	4	37.0	37.0	49.8	49.8
19-1/8"	63"	5	5	63.3	75.0	-	-
26-1/2"		5	5	63.3	75.0	-	-
37"		5	5	63.3	73.5	-	-
53-1/8"		5	5	37.0	37.0	49.5	49.5
19-1/8"	74-1/4"	6	5	63.3	75.0	-	-
26-1/2"		6	5	63.3	75.0	-	-
37"		6	5	63.3	74.9	-	-
53-1/8"		6	5	37.0	37.0	50.1	50.0



**SERIES-800 ALUMINUM AWNING WINDOW**

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ABOVE.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF AWNING/AWNING OR AWNING 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 (REV. 2005) FOR THE HIGH VELOCITY HURRICANE ZONE (HVHZ).

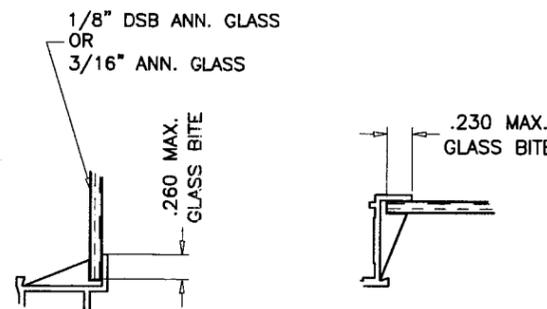
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

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 (SUPPLEMENT 2005).



**VENT TOP/BOTTOM**      **VENT JAMB**  
EXTERIOR GLAZED WITH ROLL FORMED ALUMINUM GLAZING BEAD AND 'SCHNEE MOREHEAD 5555' ADHESIVE BEDDING COMPOUND

**GLAZING DETAIL**

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-02 (3 SEC. GUSTS) WITH REDUCTIONS FOR FLEXIBLE SUPPORTS TO COMPLY WITH SECTION 2403.2 OF FBC 2004 EDITION.

Engr: DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557  
C.A.N. 3538  
JUN 26 2006

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 06-0628.02  
Expiration Date: SEPT. 17, 2007  
By: *Manuel Perez*  
Miami/Dade Product Control  
Division

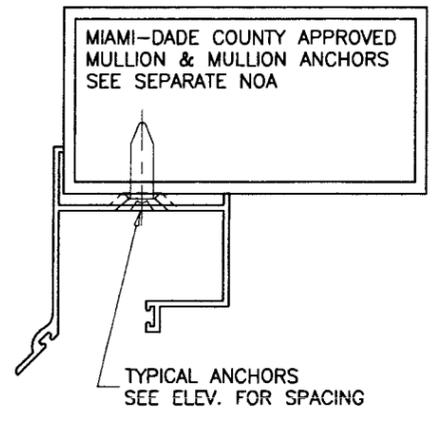
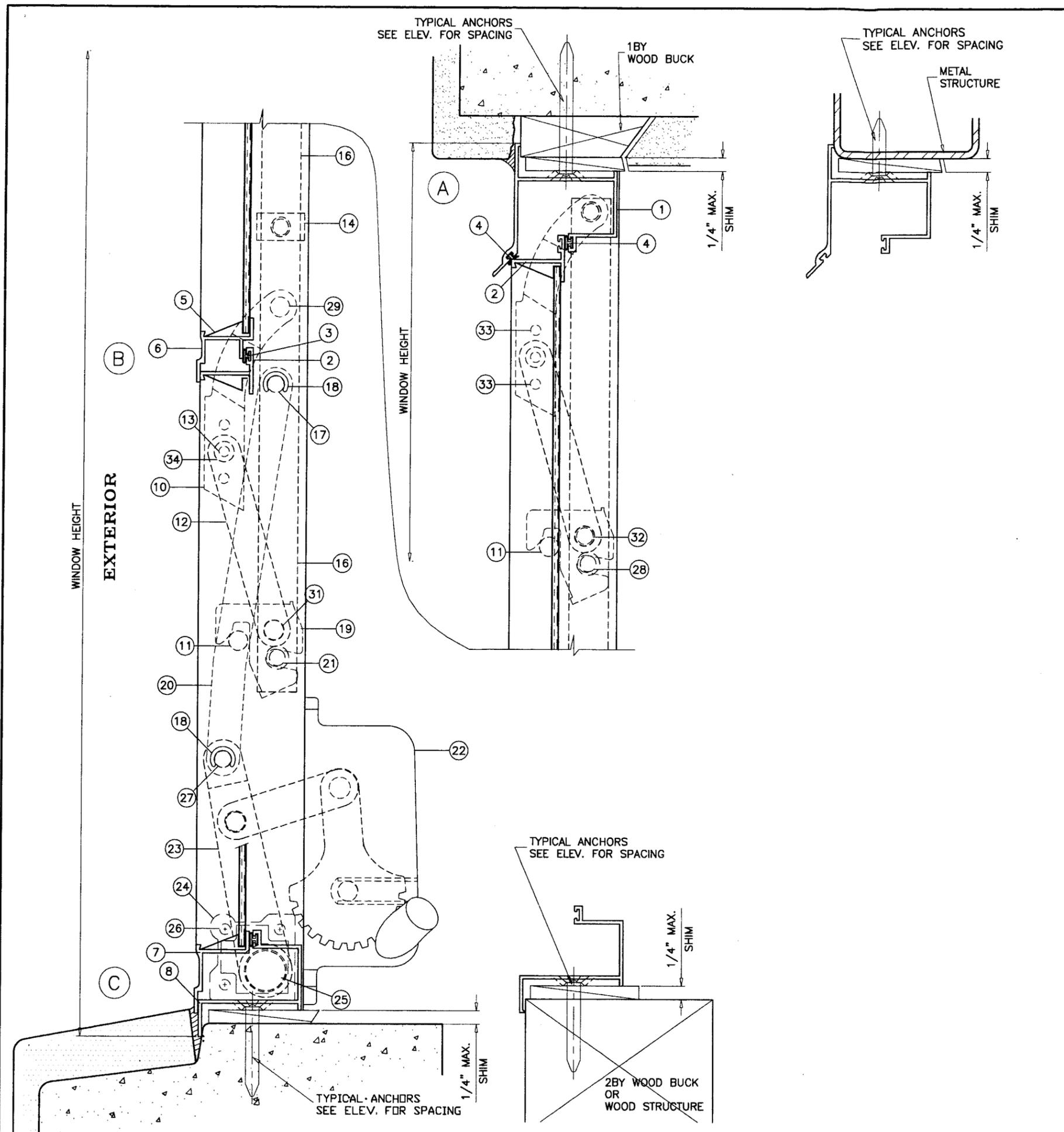
**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL W98-21YO

**SERIES-800 ALUM AWNING WINDOW (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	8.25.98	GENERAL REVISION
B	05.31.01	UPGRADED TO CODE REQUIREMENTS
C	06.24.06	UPDATED FOR 2004 FBC

date: 03-03-98  
scale: 1/2"=1'-0"  
dr. by: HAMID  
chk. by:

drawing no.  
**W98-21**  
sheet 1 of 4



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

**#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)

**#10 SMS OR SELF DRILLING SCREWS**  
 INTO DADE COUNTY APPROVED MULLIONS  
 (NO SHIM SPACE)

**EDGE DISTANCES**  
 INTO CONCRETE AND MASONRY = 1-1/4" MIN.  
 INTO WOOD STRUCTURE = 1/2" MIN.  
 INTO METAL STRUCTURE = 1/2" MIN.

**SEALANTS:**  
 FRAME CORNERS AND VENT CORNER SEAMS TO BE SEALED WITH 'SCHNEE MOREHEAD 5504' SEALANT.

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

JUN 26 2006

PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 06-0628-02  
 Expiration Date SEPT 17, 2007

By: *Manuel Perez*  
 Miami Dade Product Control  
 Division

**afc**

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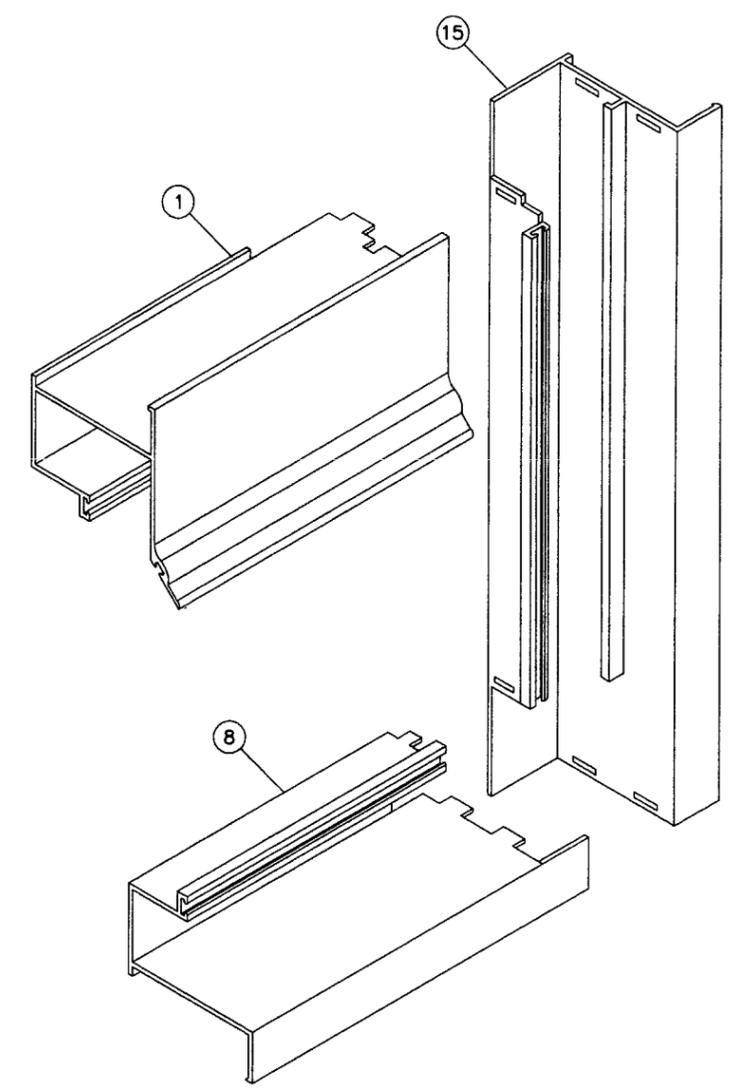
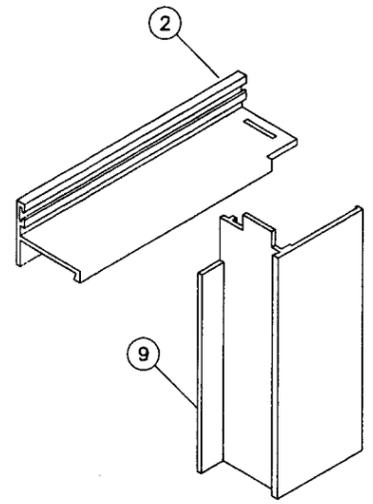
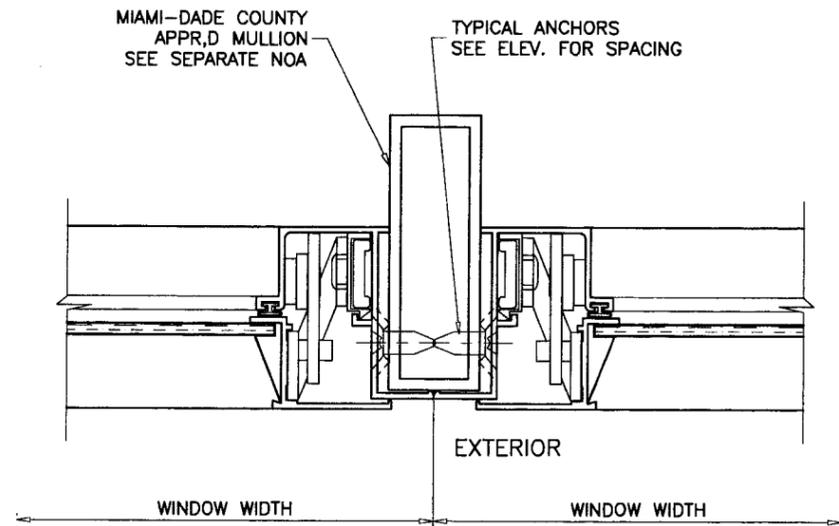
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C	06.24.06		UPDATED FOR 2004 FBC

revisions:

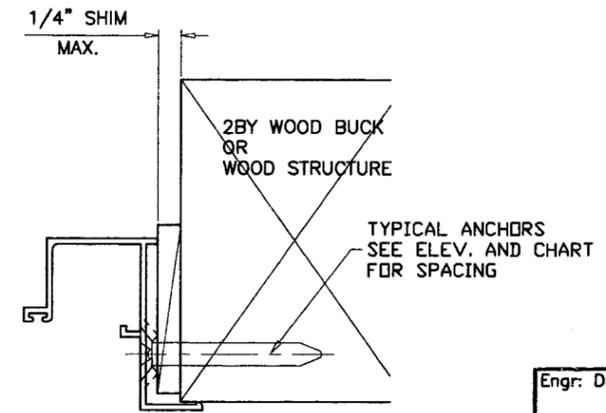
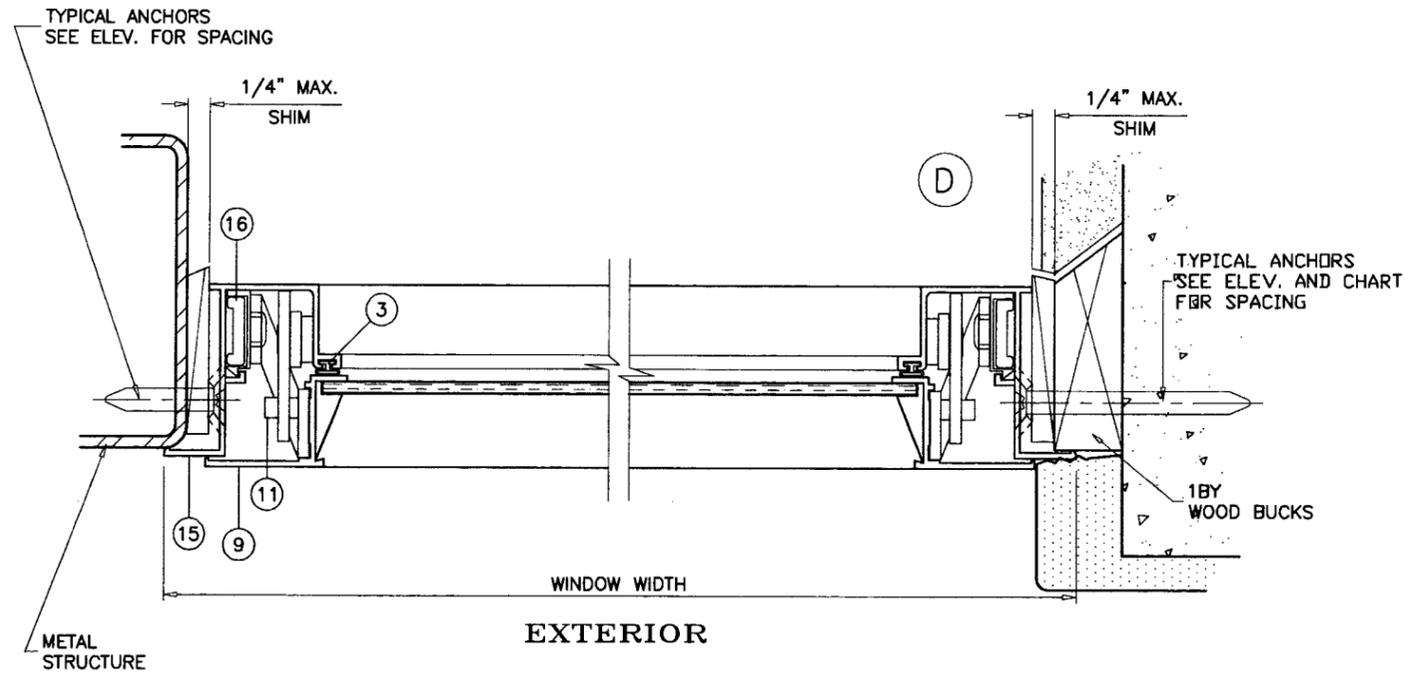
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 scale: 1/2" = 1"  
 dr. by: HAMID  
 chk. by:

drawing no.  
**W98-21**

sheet 2 of 4



**VENT CORNER ASSEMBLY**  
**FRAME CORNER ASSEMBLY**  
 FRAME AND VENTS ARE ASSEMBLED USING STAKED MORTISE AND TENON FABRICATION



Engr: DR. HUMAYOUN FAROOQ  
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 Expiration Date: SEPT. 11, 2007

By: *Manuel Perez*  
 Miami Dade Product Control  
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**afc**

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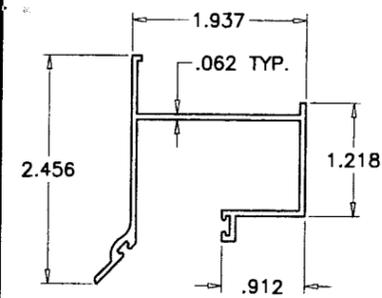
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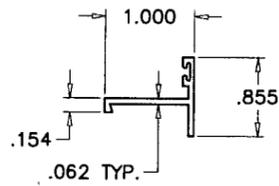
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**W98-21**

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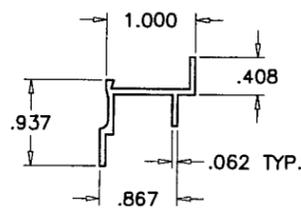
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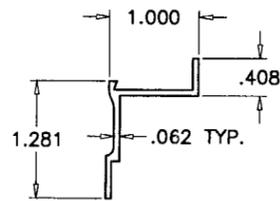
FRAME HEAD



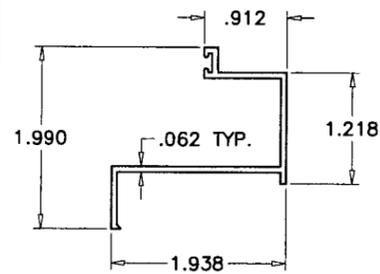
VENT TOP



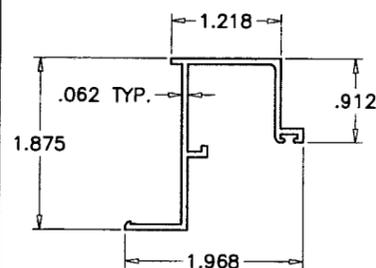
CENTER & TOP VENT BOTTOM



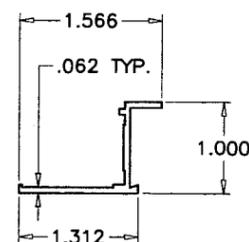
BOTTOM VENT BOTTOM



FRAME SILL



FRAME JAMB



VENT JAMB

ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER
1	YE-5	1	FRAME HEAD	ALUM. (6063-T5)	TIFTON OR EQUAL
2	YE-1	1/VENT	VENT TOP	ALUM. (6063-T5)	TIFTON OR EQUAL
3	YH-818	1/VENT	BULB WEATHERSTRIPPING (.155 X .265)	VINYL	WIBORG OR EQUAL
4	YH-817	1	FRAME HEAD WEATHERSTRIPPING (.150 X .200)	VINYL	WIBORG OR EQUAL
5	-	AS REQD.	GLAZING BEAD	ROLL FORMED ALUM.	FLORIDA SCREEN
6	YE-2	1/VENT	CENTER & TOP VENT BOTTOM	ALUM. (6063-T5)	TIFTON OR EQUAL
7	YE-14	1	BOTTOM VENT BOTTOM	ALUM. (6063-T5)	TIFTON OR EQUAL
8	YE-4	1	FRAME SILL	ALUM. (6063-T5)	TIFTON OR EQUAL
9	YE-3	2/VENT	VENT JAMB	ALUM. (6063-T5)	TIFTON OR EQUAL
10	YE-18	2/VENT	VENT HINGE	ALUM. (6063-T5)	YALE OGRON FAB.
11	YH-819	2/VENT	VENT LOCKING PIN	ALUM.	PAN-AMERICAN
12	YE-8	2/VENT	HINGE LINK	ALUM. (6063-T6)	YALE OGRON FAB.
13	YH-811	1/HINGE	HINGE LINK RIVET	ALUM.	PAN-AMERICAN
14	YH-809	2/VENT	SLIDE BAR RETAINER	NYLON	M & M PLASTICS
15	YE-10	2	FRAME JAMB	ALUM. (6063-T5)	TIFTON OR EQUAL
16	YE-6	1/JAMB	SLIDE BAR	ALUM. (6063-T6)	YALE OGRON FAB.
17	YH-806	2/WINDOW	CONNECTING LINK RIVET	ALUMINUM	PAN-AMERICAN
18	YH-805	AS REQD.	'E' RING	ARC STEEL	INTERSTATE SCREW
19	YH-810	2/VENT	CAM LOCK	ZINC DIE CAST	SOUTHERN DIE CAST
20	YE-59	1/BAR	CONNECTING LINK ARM	ALUM. (6063-T5)	YALE OGRON FAB.
21	YH-808	1/BAR	SLIDE BAR BOTTOM PIN	ALUMINUM	PAN-AMERICAN
22	YH-815	1	ATW OFFSET ANGLE OPERATOR (LH OR RH)	ZINC DIE CAST	SOUTHERN DIE CAST
23	YH-803	2	CROSS SHAFT ARM	ZINC DIE CAST	SOUTHERN DIE CAST
24	YH-801	2	CROSS SHAFT BEARING	NYLON	M & M PLASTICS
25	YH-826	1	CROSS SHAFT	STEEL	GALVANIZED
26	YF-6	AS REQD.	SCREW # 10 X 5/16"	PLATED STEEL	INTERSTATE SCREW
27	YH-804	1/ARM	CROSS SHAFT ARM PIN	ALUMINUM	PAN-AMERICAN
28	YH-820	2/VENT	SLIDE BAR PIN-UPPER	ALUMINUM	PAN-AMERICAN
29	YH-807	2/VENT	SLIDE BAR RIVET	ALUMINUM	PAN-AMERICAN
30	YH-821	-	SCREEN SWIVEL CLIP	ALUMINUM	-
31	YH-816	-	SCREEN CLIP RIVET	ALUMINUM	-
32	YH-814	1/LOCK	CAM LOCK RIVET	ALUMINUM	PAN-AMERICAN
33	YH-813	2/HINGE	VENT HINGE RIVET	ALUMINUM	PAN-AMERICAN
34	YH-812	AS REQD.	HINGE LINK RIVET BUSHING	NYLON	M & M PLASTICS

Engr: DR. HUMAYOUN FAROOQ  
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date: 03-03-98  
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dr. by: HAMID  
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drawing no.  
**W98-21**

sheet 4 of 4