



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.buildingcodeonline.com](http://www.buildingcodeonline.com)

**NOTICE OF ACCEPTANCE (NOA)**

**Gopi Glass Sales & Services Corp.**  
7450 NW 41<sup>st</sup> St.  
Miami, 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: Aluminum Single Hung Window**

**APPROVAL DOCUMENT:** Drawing No.W06-24, titled "Aluminum Single Hung Window", sheets 1 through 4 of 4, dated 03/16/06, prepared by Al Farooq Corporation, 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 and evidence page E-1, as well as approval document mentioned above.

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



NOA No. 06-0705.04  
Expiration Date: February 1, 2012  
Approval Date: February 1, 2007  
Page 1

**Gopi Glass Sales & Services Corp.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No **W06-24**, Sheets 1 through 4 of 4, titled "Aluminum Single Hung Window", prepared by Al-Farooq Corporation, dated 03/16/06, 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 an aluminum single hung window , prepared by Hurricane Engineering & Testing Inc., Test Report No. **HETI-05-1435**, dated Nov. 28, 2005, signed and sealed by Ivonne Ghia, P.E.

**C. CALCULATIONS**

1. Anchor Calculations and structural analysis, complying with FBC-2004, prepared by Al-Farooq Corporation, dated 05/19/06, signed and sealed by Humayoun Farooq, P.E.  
**Complies with ASTM E1300-98/02**

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

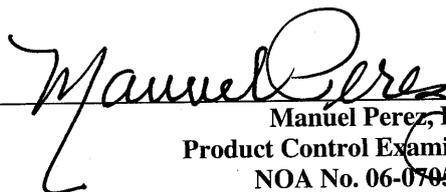
1. None.

**F. STATEMENTS**

1. Statement letter of conformance, dated May 8, 2006, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, dated May 8, 2006, signed and sealed by Humayoun Farooq, P.E.

**G. OTHER**

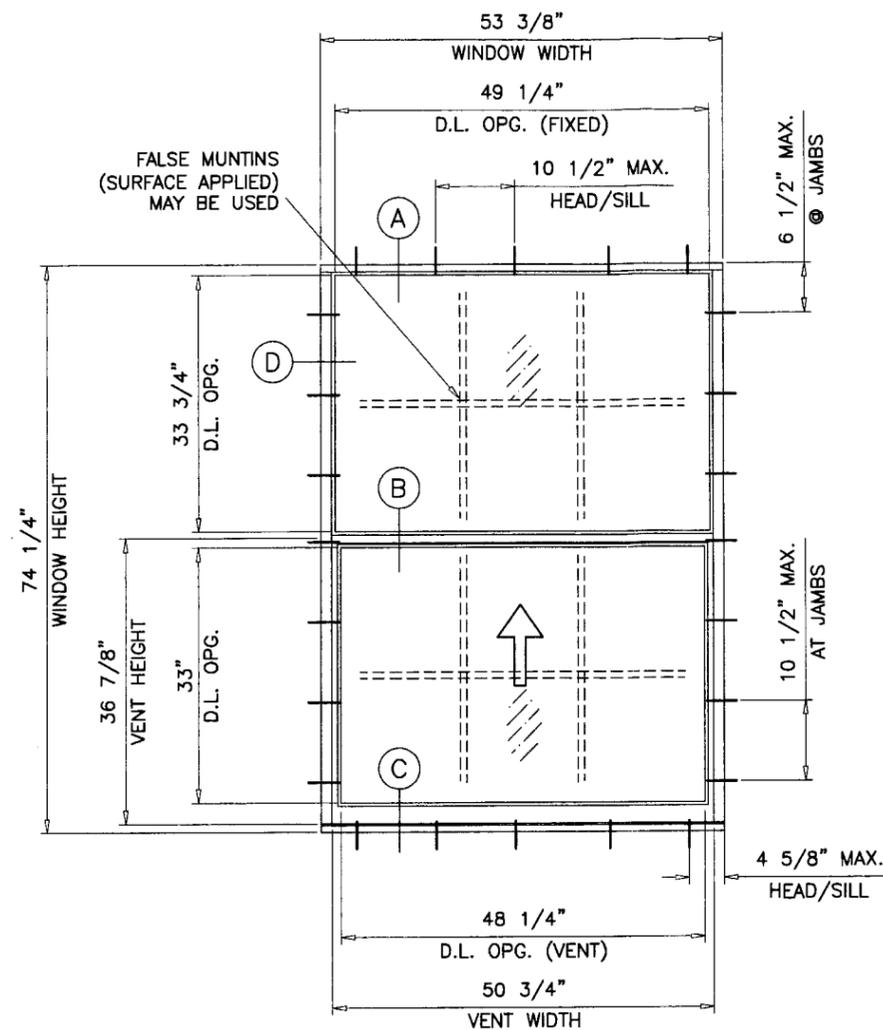
1. None.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 06-0705.04  
Expiration Date: February 1, 2012  
Approval Date: February 1, 2007

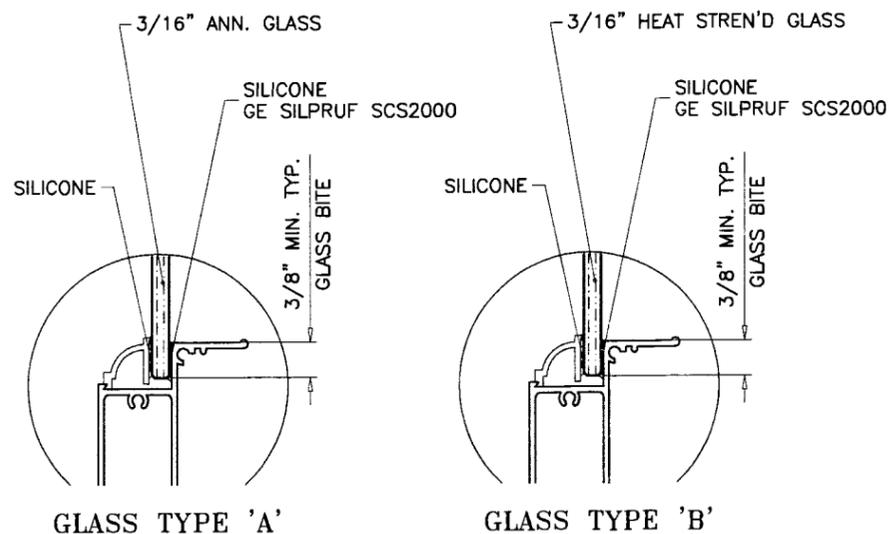
DESIGN LOAD CAPACITY - PSF					
WINDOW DIMS.		GLASS TYPE 'A'		GLASS TYPE 'B'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
19-1/8"	26" (3)	60.0	80.0	60.0	80.0
26-1/2"		60.0	80.0	60.0	80.0
32"		60.0	80.0	60.0	80.0
37"		60.0	80.0	60.0	80.0
42"		60.0	80.0	60.0	80.0
48"		60.0	80.0	60.0	80.0
53-1/8"		60.0	75.8	60.0	75.8
19-1/8"	38-3/8" (4)	60.0	80.0	60.0	80.0
26-1/2"		60.0	80.0	60.0	80.0
32"		60.0	80.0	60.0	80.0
37"		60.0	80.0	60.0	80.0
42"		60.0	79.1	60.0	79.1
48"		60.0	70.9	60.0	70.9
53-1/8"		60.0	65.1	60.0	65.1
19-1/8"	50-5/8" (5)	60.0	80.0	60.0	80.0
26-1/2"		60.0	80.0	60.0	80.0
32"		60.0	80.0	60.0	80.0
37"		60.0	77.9	60.0	77.9
42"		60.0	70.8	60.0	70.8
48"		60.0	63.8	60.0	63.8
53-1/8"		54.2	54.2	58.8	58.8
19-1/8"	58" (6)	60.0	80.0	60.0	80.0
26-1/2"		60.0	80.0	60.0	80.0
32"		60.0	80.0	60.0	80.0
37"		60.0	78.7	60.0	78.7
42"		60.0	71.7	60.0	71.7
48"		60.0	62.7	60.0	64.8
53-1/8"		50.5	50.5	57.3	59.9
19-1/8"	63" (6)	60.0	80.0	60.0	80.0
26-1/2"		60.0	80.0	60.0	80.0
32"		60.0	78.1	60.0	78.1
37"		60.0	70.7	60.0	70.7
42"		60.0	64.6	60.0	64.6
48"		58.5	58.5	58.5	58.5
53-1/8"		49.6	49.6	54.2	54.2
19-1/8"	74-1/4" (7)	60.0	80.0	60.0	80.0
26-1/2"		60.0	80.0	60.0	80.0
32"		60.0	73.5	60.0	73.5
37"		60.0	66.5	60.0	66.5
42"		60.0	61.0	60.0	61.0
48"		55.5	55.5	55.5	55.5
53-1/8"		49.0	49.0	50.0	51.5

\* NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.

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.



TYPICAL ELEVATION  
TESTED UNIT



GLAZING OPTIONS

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.

**ALUMINUM SINGLE HUNG WINDOW**

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

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF S.H./S.H. OR S.H. WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 EDITION (REV. 2005) FOR 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.

ALL STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED OR PLATED.

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

Approved as complying with the  
Florida Building Code  
Date: FEB. 1, 2007  
NDA# 06-0765.04  
Miami Dade Product Control  
By: *Manuel*

MAY 25 2006

**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W06-24GG

ALUMINUM SINGLE HUNG WINDOW  
**GOPI GLASS CORPORATION**  
7450 N.W. 41 STREET  
MIAMI, FL. 33166  
TEL. (305) 592-2089 FAX. (305) 477-0992

revisions:	no.	date	by	description

date: 03-16-06  
scale: 1/2"=1'-0"  
dr. by: HAMID  
chk. by:  
drawing no.  
**W06-24**  
sheet 1 of 4

TYPICAL ANCHORS  
SEE ELEV. FOR SPACING

TYPICAL ANCHORS  
SEE ELEV. FOR SPACING

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

*afc*

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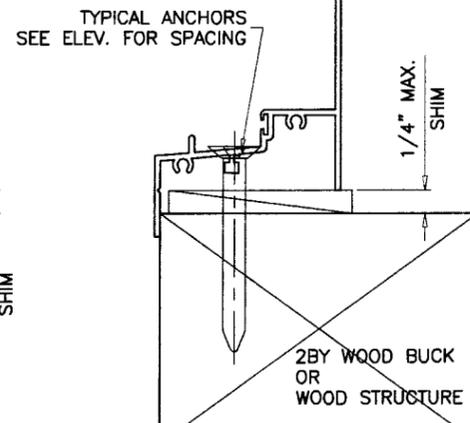
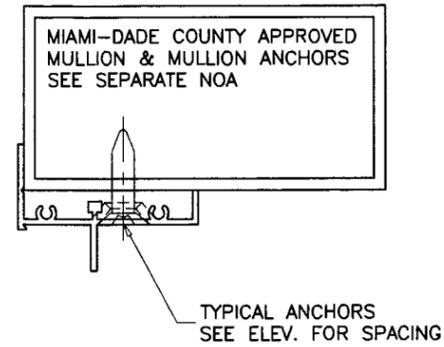
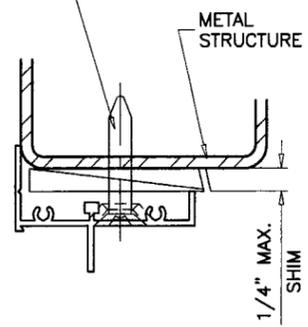
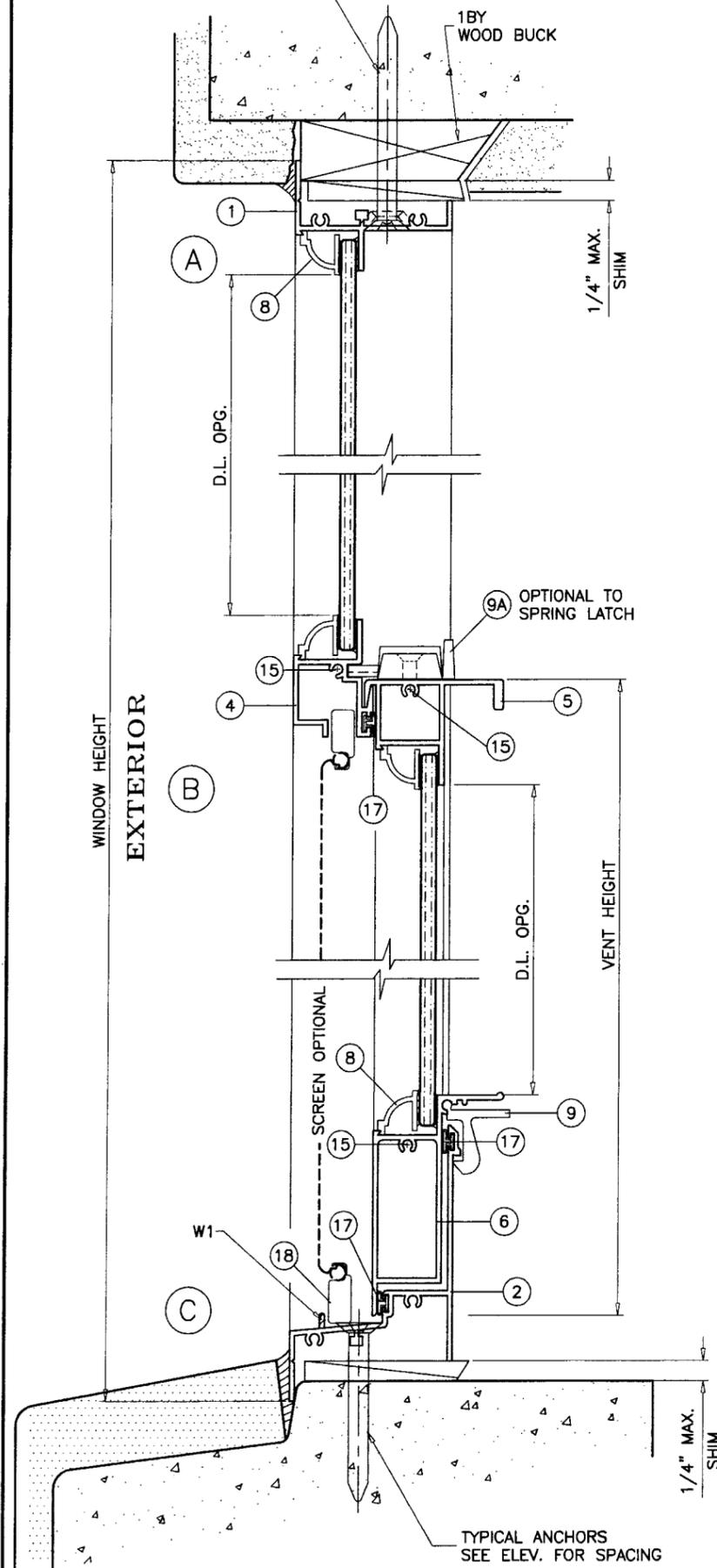
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date: 03-16-06  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W06-24**

sheet 2 of 4



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

**1/4" TAPCONS**

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

**1/4" TEKS 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)

**3/16" TEKS OR SELF DRILLING SCREWS**

INTO APPROVED MULLIONS

(NO SHIM SPACE)

**TYPICAL EDGE DISTANCE**

INTO CONCRETE AND MASONRY = 1-1/2" MIN.

INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 1/2" MIN.

**SEALANTS:**

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH  
SILICONE SEALANT.

**WEEPHOLES:**

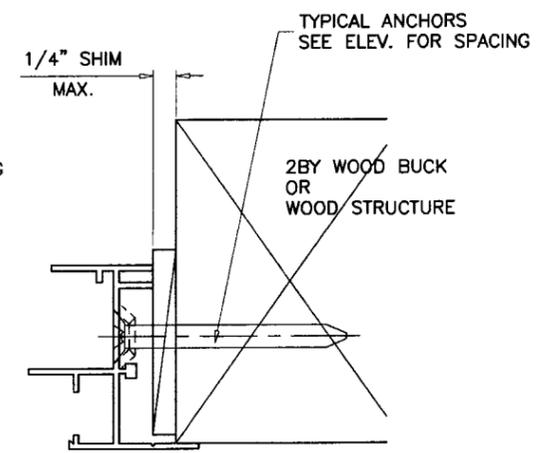
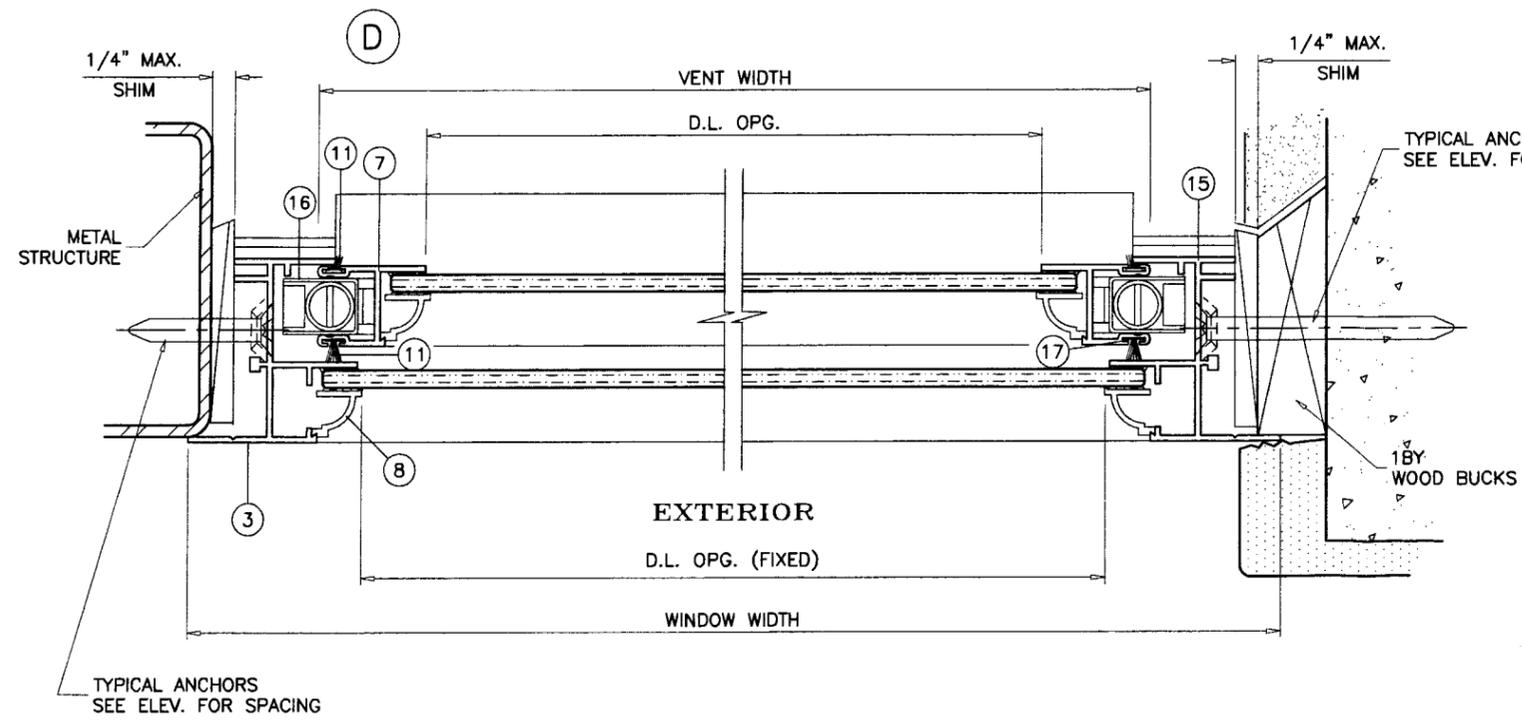
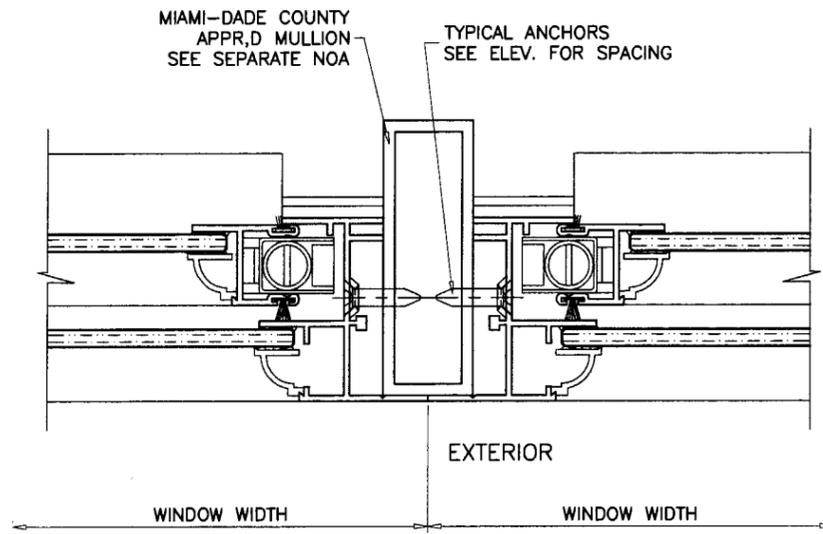
W1 = 1" LONG NOTCH AT EACH END

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

Approved as complying with the  
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Miami Dade Product Control  
Division  
By *Manuel Perez*

MAY 25 2006

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	-	1	FRAME HEAD	6063-T5	-
2	GSH118	1	FRAME SILL	6063-T5	-
3	GSH120	2	FRAME JAMB	6063-T5	-
4	-	1	FIXED MTG. RAIL	6063-T5	-
5	GSH117	1	VENT TOP RAIL	6063-T6	-
6	GSH119A	1	VENT BOTTOM RAIL	6063-T6	-
7	-	2	VENT JAMB	6063-T5	-
8	-	AS REQD.	GLAZING BEAD	ALUMINUM	-
9	-	2/VENT	VENT LATCH @ 6-1/2" FROM ENDS	NYLON	-
9A	672205K38	2/VENT	VENT LATCH @ 6-1/2" FROM ENDS	-	DECO PRODUCTS, ATTACHED W/ (2) #8 X 5/8" FH SMS
10	GSH114	AS REQD.	VENT GUIDE	RIGID PVC	-
11	-	AS REQD.	PILE WEATHERSTRIP	-	-
15	-	AS REQD.	ASSEMBLY SCREWS	-	#8 x 3/4" P.H. CRS SMS
16	-	2	BLOCK & TACKLE BALANCE	-	5/8" BOX, BALANCE SYSTEMS INC. OR EQ.
17	-	AS REQD.	BULB WEATHERSTRIP	-	-
18	-	1	5/16" BOX SCREEN	-	OPTIONAL



Engr. DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16597  
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Miami Dade Product Control  
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MAY 25 2006

*afc*

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ALUMINUM SINGLE HUNG WINDOW  
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revisions:	no	date	by	description

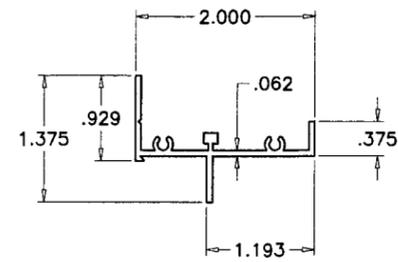
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scale:	1/2" = 1"
dr. by:	HAMID
chk. by:	

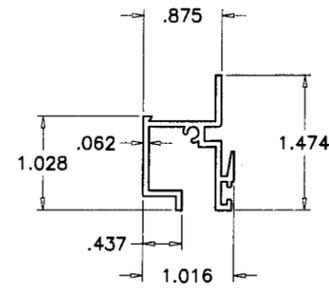
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drawing no.  
**W06-24**

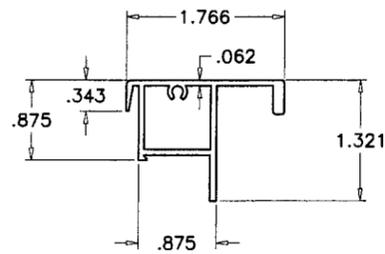
sheet 3 of 4



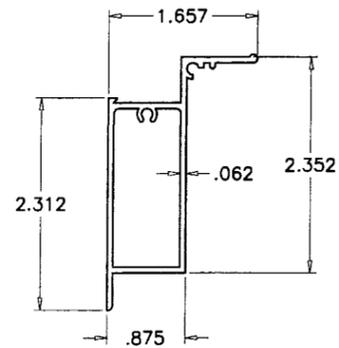
① FRAME HEAD



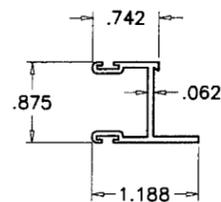
④ FIXED MEETING RAIL



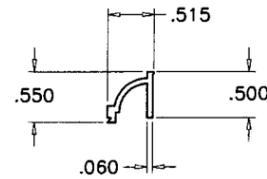
⑤ VENT TOP RAIL



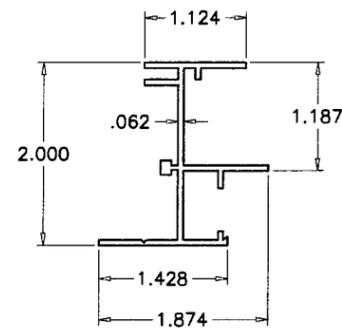
⑥ VENT BOTTOM RAIL



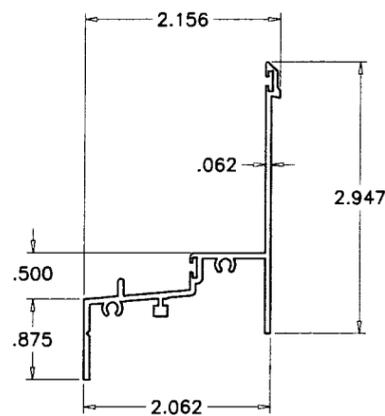
⑦ SASH SIDE RAIL



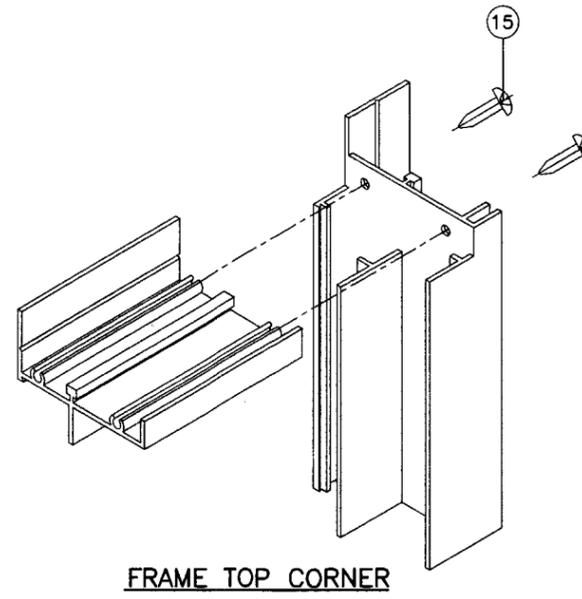
⑧ GLAZING BEAD



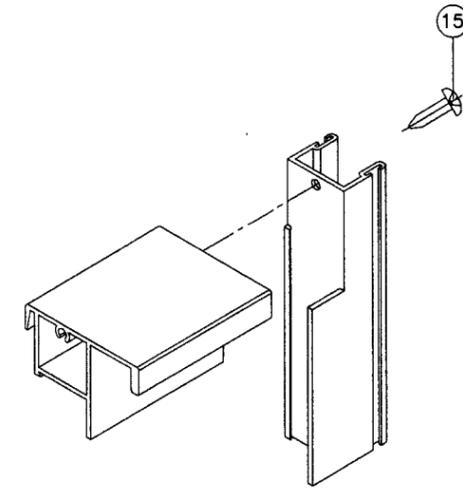
③ FRAME JAMB



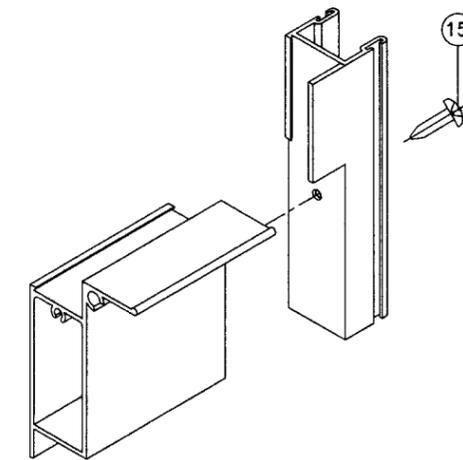
② FRAME SILL



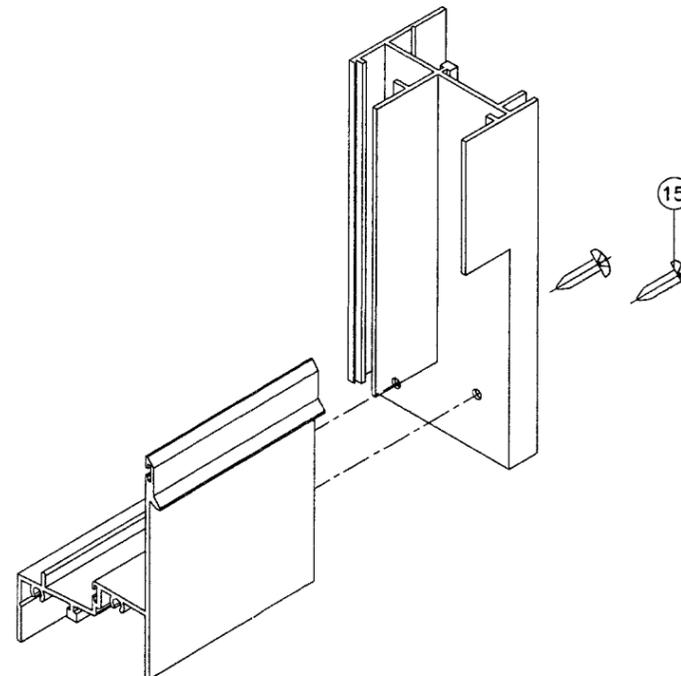
FRAME TOP CORNER



VENT TOP CORNER



VENT BOTTOM CORNER



FRAME BOTTOM CORNER

Engr: DR. HUMAYOUN FAROOQ  
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*jt*  
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**afc**  
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