



**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

**Sol A-Trol Aluminum Products
4101 NW 132nd Street
Opa Locka, FL 33054**

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 "3062" Aluminum Projected-Out Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W99-71**, titled "Series-3062 Alum. Projected Wdw. (L.M.I.)" Sheets 1 thru 4 of 4, prepared by Al Farooq Corporation, dated 09/24/99 with revision A dated 06/17/08, 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.

REVISION 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 # **03-0509.01** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

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



NOA No. 08-0624.02
Expiration Date: June 22, 2009
Approval Date: July 31, 2008
Page 1

Sol A-Trol Aluminum Products

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **W99-71**, titled "Series-3062 Alum. Projected Wdw. (L.M.I.)" Sheets 1 thru 4 of 4, prepared by Al Farooq Corporation, dated 09/24/99 with revision A dated 06/17/08, signed and sealed by Humayoun Farooq, P.E.

B. TESTS

1. Test reports 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) Large Missile Impact Test per PA 201-94
 - 5) Cyclic Wind Pressure Loading per FB PA 203-94
 - 6) Forced Entry Test, per PA 202-94

Along with marked-up drawings and installation diagram of an alum projected window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-2390**, dated 08/13/99, signed and sealed by Jose D. Mitrani, P.E.
(Submitted under previous NOA # 00-0320.06)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004 and 2007, prepared by Al-Farooq Corporation, dated 06/16/08, 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. **06-0216.06** issued to Solutia Inc. for their "Saflex IIIG Clear or colored interlayer" dated 05/04/06, expiring on 05/21/11.

F. STATEMENTS

1. Statement letter of conformance, dated June 16, 2008, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, dated June 16, 2008, signed and sealed by Humayoun Farooq, P.E.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 08-0624.02
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Sol A-Trol Aluminum Products

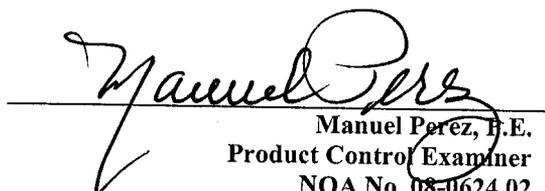
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

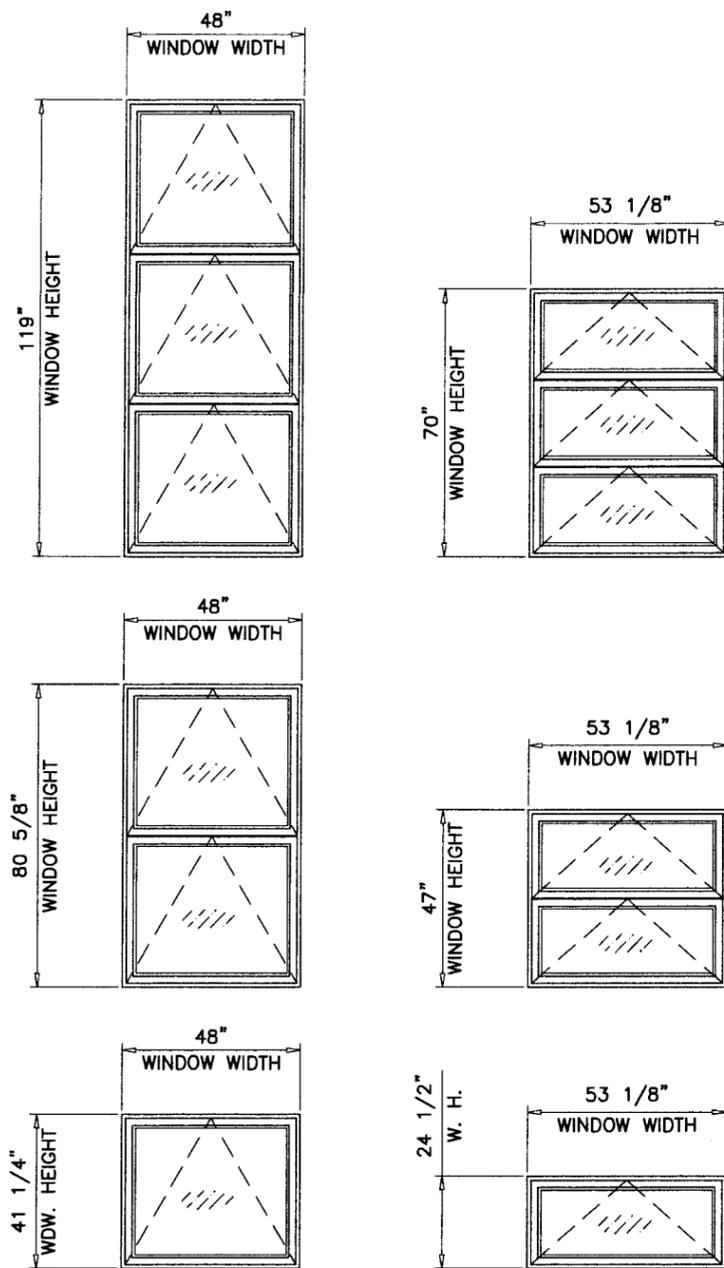
F. STATEMENTS (CONTINUED)

3. Laboratory compliance letter for Test Report No. **FTL-2390**, issued by Fenestration Testing Laboratory, Inc., dated August 18, 1999, signed and sealed by Jose D. Mitrani, P.E.
(Submitted under previous NOA # 00-0320.06)
4. Preliminary Test Report dated 01/08/08 of an ongoing test being conducted at Hurricane Engineering & Testing, Inc. (HETI) for Sol A-Trol Aluminum Products (SATAP).

G. OTHERS

1. Notice of Acceptance No. **03-0509.01**, issued to Arso Enterprises d/b/a Sol A-Trol Aluminum Products for their **Series "3062 Aluminum Projected-Out Window-LMI"**, approved on 06/12/03 and expiring on 06/22/08.
2. One year conditional approval, subjected to successful verification test, the final approval will be the balanced of a total of 5 years.


Manuel Perez, P.E.
Product Control Examiner
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NO. OF ANCHORS PER JAMB			
WINDOW DIMS. WIDTH	HEIGHT	ANCHORS	
		TYPE 'A'	TYPE 'B'
48"	119"	9	18
	80-5/8"	6	12
	41-1/4"	3	6

NO. OF ANCHORS PER JAMB			
WINDOW DIMS. WIDTH	HEIGHT	ANCHORS	
		TYPE 'A'	TYPE 'B'
53-1/8"	70"	6	12
	47"	4	8
	24-1/2"	2	4

MAXIMUM DESIGN LOAD RATING = + 62.5 PSF
(FOR SIZES SHOWN ABOVE OR SMALLER) - 62.5 PSF

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-02/04 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

**SERIES-3062
ALUMINUM PROJECTED WINDOW**

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF PROJECTED/PROJECTED OR PROJECTED WDW. 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.

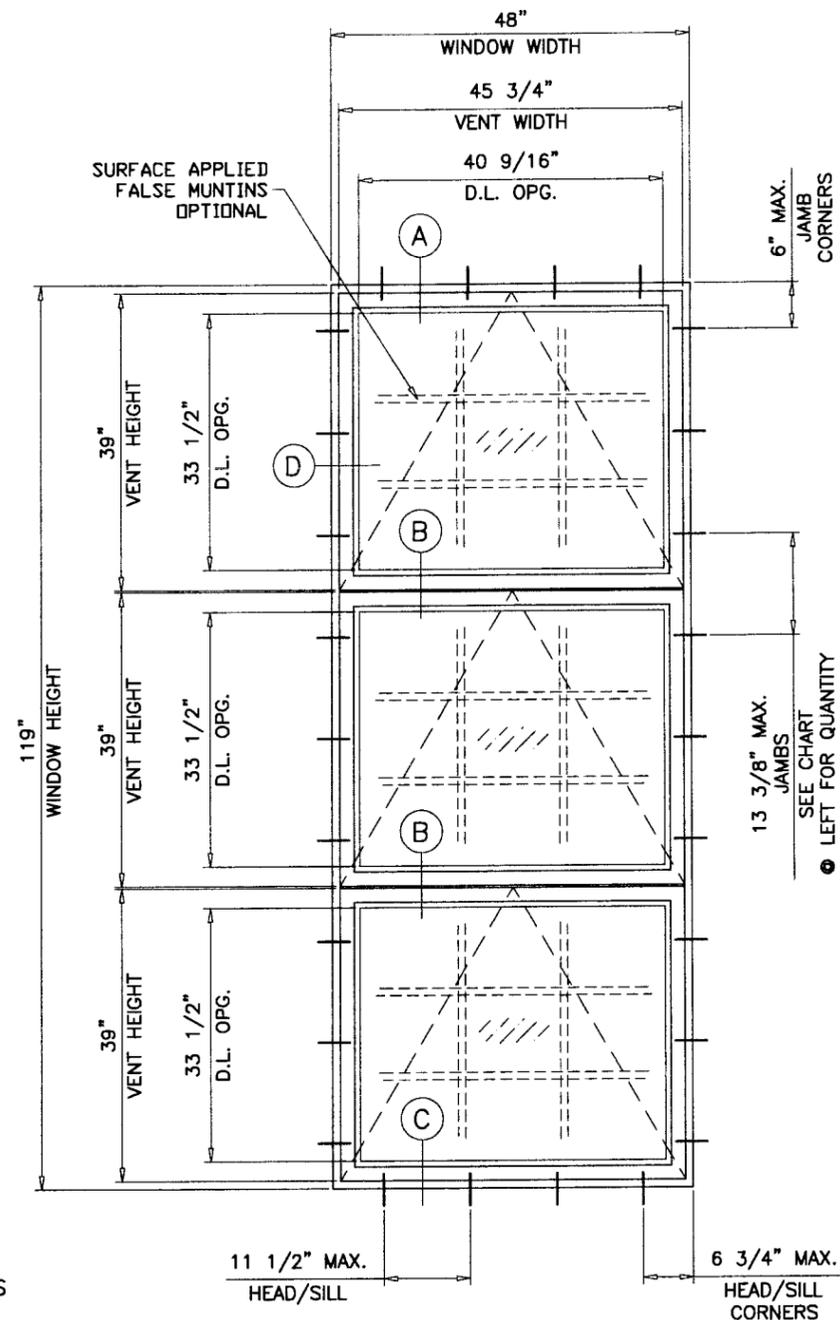
THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004/2007 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

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 2004/2007 FLORIDA BLDG. CODE SECTION 2003.8.4.



**TYPICAL ELEVATION
TESTED UNIT**

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

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

JUN 19 2008

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 08-0624-02
Expiration Date 06/22/2009
By *[Signature]*
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\W99-71SAT

SERIES-3062 ALUM. PROJECTED WDW. (L.M.I.)

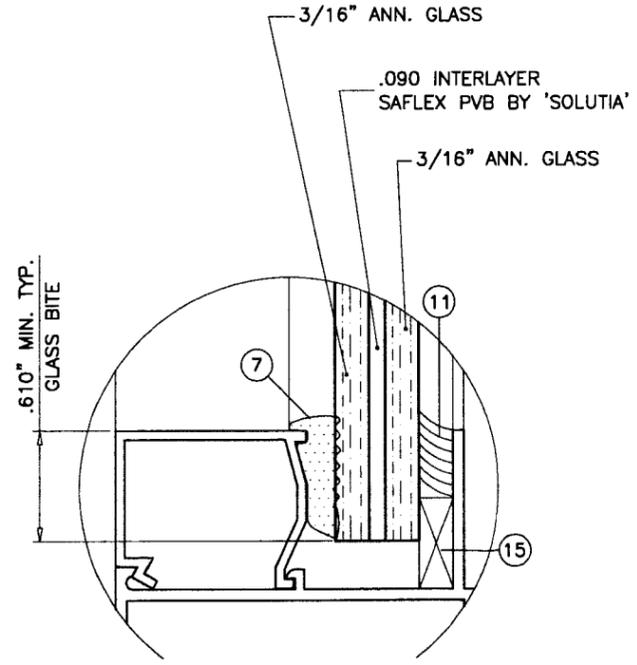
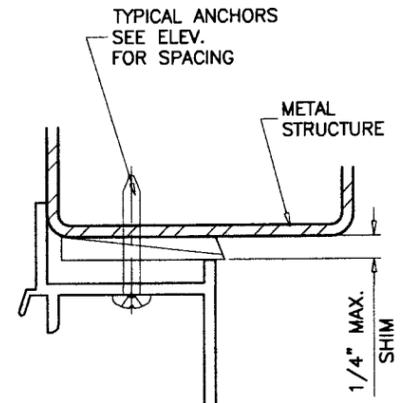
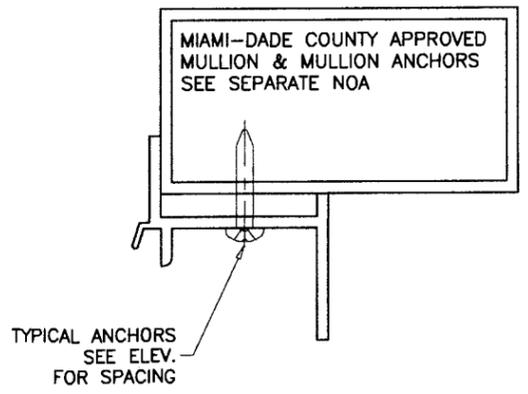
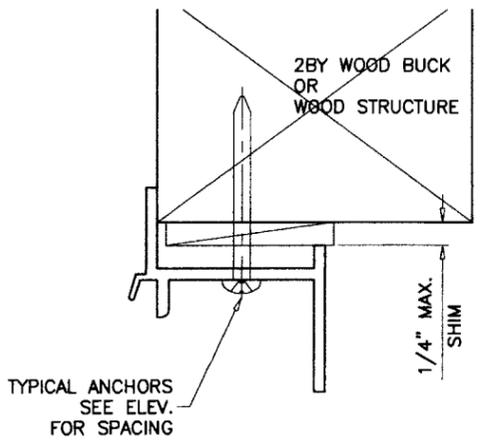
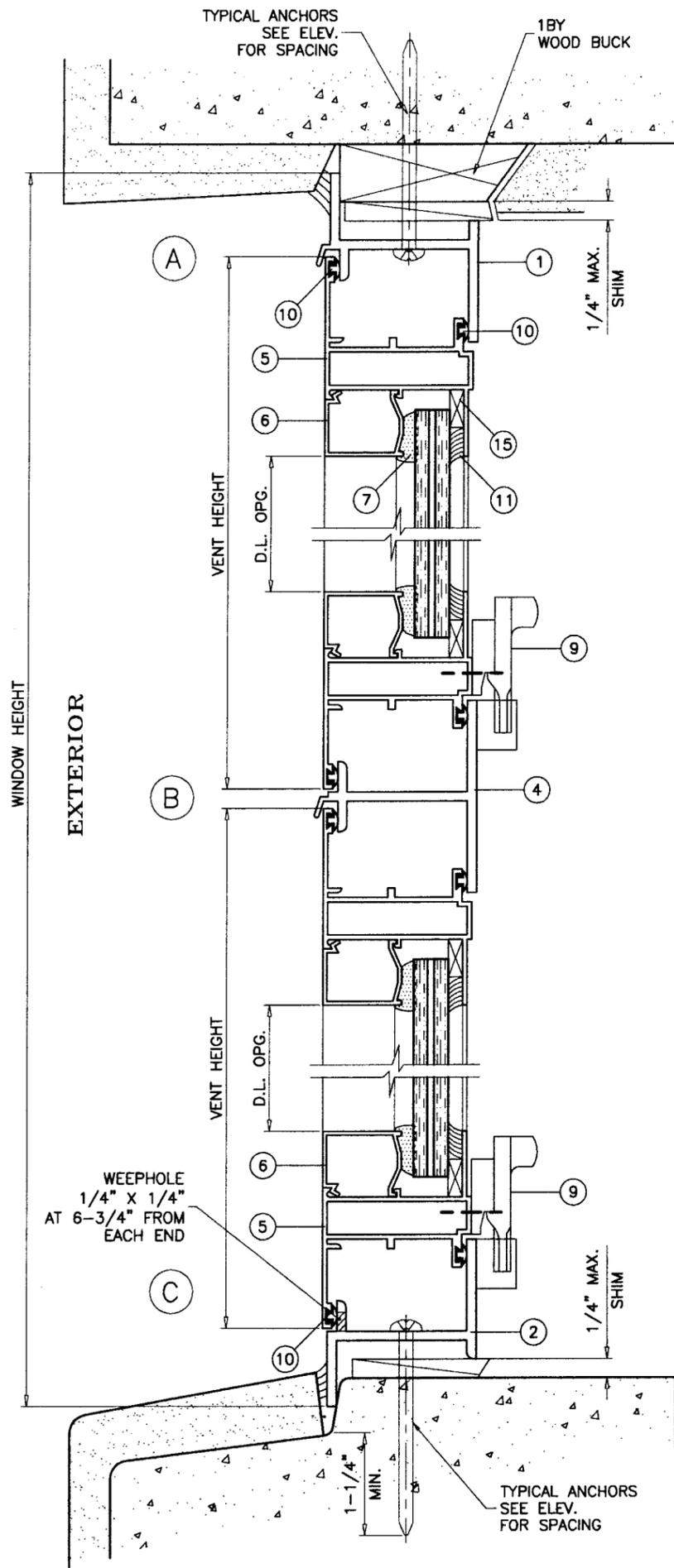
SOL-A-TROL ALUMINUM PRODUCTS
4101 N.W. 132ND STREET
MIAMI, FL. 33054
TEL. (305) 681-2020 FAX. (305) 681-2035

no.	date	description
A	06.17.08	UPDATED FOR 2007 FBC

date: 09-24-99
scale: 1/2" = 1'-0"
dr. by: HAMID
chk. by:

drawing no.
W99-71

sheet 1 of 4



GLAZING DETAIL

WOOD BUCKS AND METAL STRUCTURE NOT BY SOL-A-TROL
 MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
 AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

TYPE 'A' - 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

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
 1-3/8" MIN. EMBED INTO CONC. OR MASONRY

TYPE 'B' - #14 SMS

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD (GRADE 2 CRS)

TYPE 'B' - #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)

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

TYPICAL EDGE DISTANCE

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

CONCRETE f'c = 3000 PSI MIN.
 MASONRY f'm = 1500 PSI MIN.

SEALANTS:

FRAME AND VENT CORNERS AND INSTALLATION SCREWS AT SILL
 SEALED WITH WHITE/ALUMINUM COLORED SEALANT.

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

JUN 19 2008

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 as complying with the Florida
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 Expiration Date *06/22/2009*
 By *Humayoun Farooq*
 Miami Dade Product Control
 Division

af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
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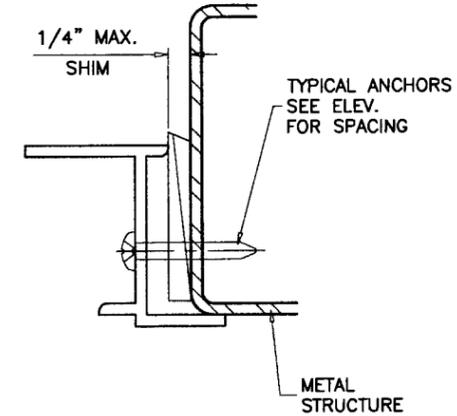
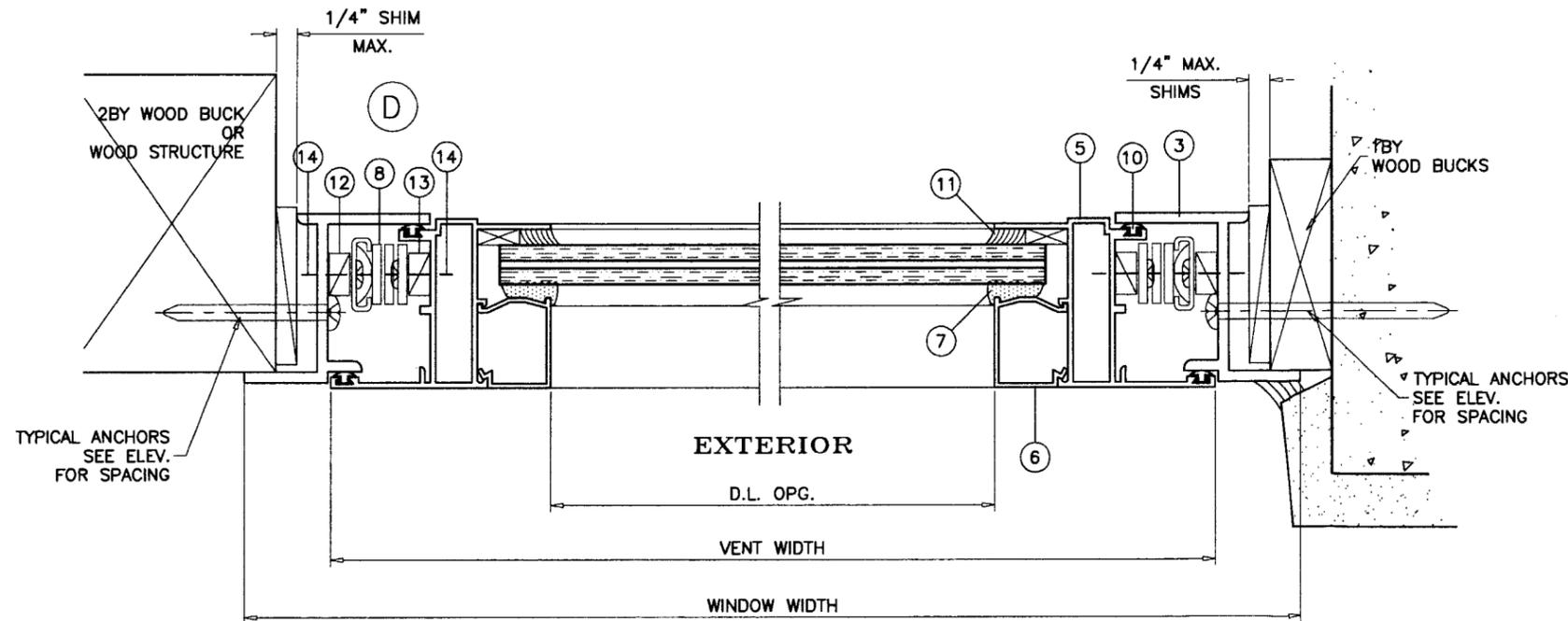
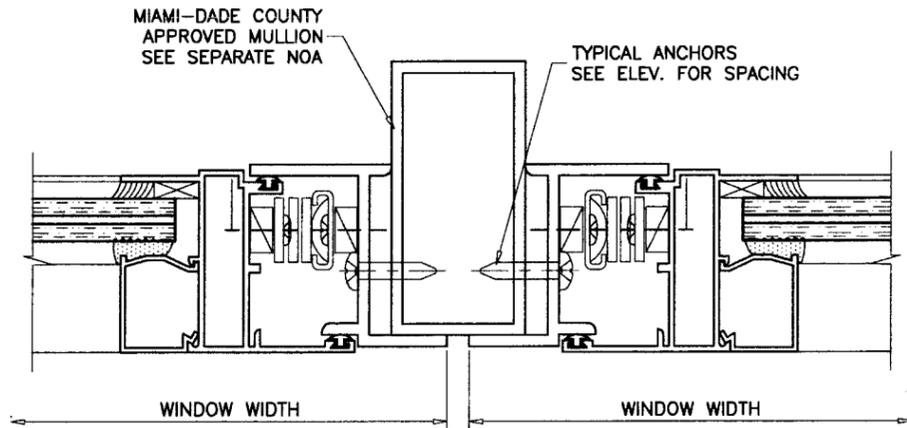
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W99-71
 sheet 2 of 4

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	ARSO-128	1	FRAME HEAD	6063-T6	-
2	ARSO-127	1	FRAME SILL	6063-T6	-
3	ARSO-127	2	FRAME JAMB	6063-T6	-
4	ARSO-129	AS REQD.	MEETING RAIL	6063-T5	-
5	ARSO-176	4/ VENT	VENT EXTRUSION	6063-T5	-
6	ARSO-169	4/ VENT	GLAZING STOP	6063-T5	-
7	FP-40	AS REQD.	GLAZING WEDGE	VINYL	PROTOTYPE PLASTICS
8	34-16	2/ VENT	THREE BAR HINGE	ST. STEEL	TRUTH OR EQUIV.
9	-	2/ VENT	CAM LOCK WITH KEEPER	-	AT 8-3/4" FROM VENT ENDS
10	-	AS REQD.	BULB WEATHER STRIPPING	VINYL	-
11	SERIES-1200	AS REQD.	GLAZING COMPOUND	SILICONE	GE
12	-	2/ VENT	1/2" X 1/4" X 24" LONG SHIM	PLASTIC	-
13	-	2/ VENT	1/2" X 1/4" X 14-3/4" LONG SHIM	PLASTIC	-
14	#10 X 3/4"	7/ HINGE	HINGE INSTALLATION SCREWS	ST. STEEL	PAN HEAD SMS
15	-	AS REQD.	SETTING BLOCK (1/2"X3/16"X2" LONG)	-	AT QUARTER POINTS
16	ARSO-173	1/ CORNER	VENT CORNER KEY	6063-T5	-
17	-	-	-	-	-



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By *Masoud Farooq*
Miami Dade Product Control
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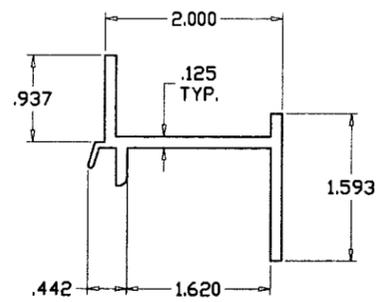
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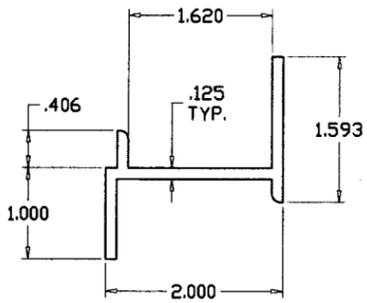
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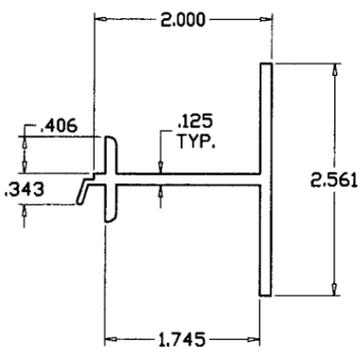
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sheet 3 of 4



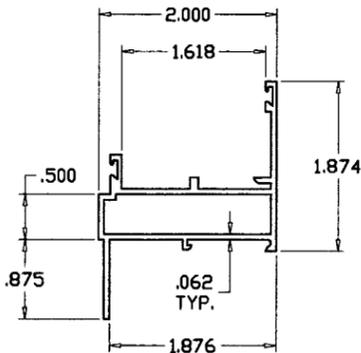
① FRAME HEAD



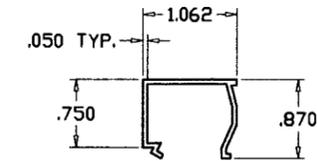
②③ FRAME SILL/JAMB



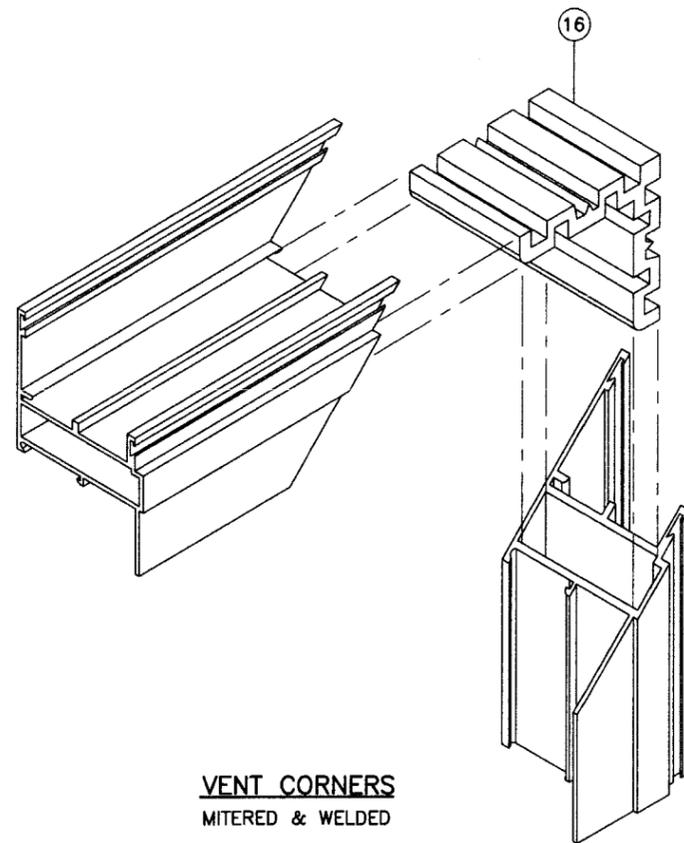
④ MEETING RAIL



⑤ VENT

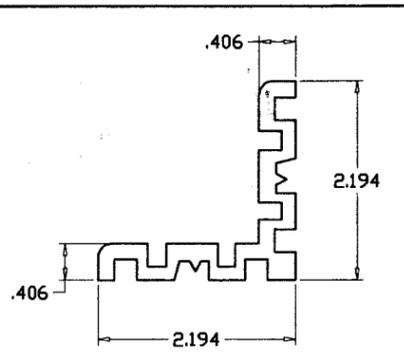


⑥ GLAZING STOP



VENT CORNERS
MITERED & WELDED

FRAME CORNERS
STAKED MORTISE AND TENON FABRICATION



⑬ VENT CORNER KEY

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