



**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)**

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**Doralum Corporation  
7040 N.W. 77 Ter.  
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 High Velocity Hurricane Zone of the Florida Building Code.

### **DESCRIPTION: Series 100 Aluminum Storefront System - Impact**

**APPROVAL DOCUMENT:** Drawing No. **W02-92**, titled "Series-100 Aluminum Fixed Lites", sheets 1 through 4 of 4, prepared by Al Farooq Corporation, dated 10/9/02, 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: Large and Small Missile Impact**

**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 02-1121.01  
Expiration Date: April 03, 2008  
Approval Date: April 03, 2003  
Page 1**

**Doralum Corporation**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

(For File ONLY. Not part of NOA)

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **W02-92**, titled "Series-100 Aluminum Fixed Lites", sheets 1 through 4 of 4, prepared by Al Farooq Corporation, dated 10/9/02, 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 and TAS 202-94  
along with marked-up drawings and installation diagram of a single hung/fixe  
vinyl window, prepared by Fenestration Testing Laboratory, Inc., Test Report No.  
**FTL-00134** dated 3/21/01, signed and sealed by Antonio Acevedo, P.E.

**C. CALCULATIONS**

1. Anchor Calculations and structural analysis, prepared by Al Farooq Corporation, dated 10/29/02, signed and sealed by Humayoun Farooq, P.E.
2. Revised Calculations, prepared by Al Farooq Corporation, dated 03/04/03, signed and sealed by Humayoun Farooq, P.E.

**D. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **01-0205.02** issued to Solutia, Inc. for "Saflex IIIIG PVB Polyvinyl butryal interlayer" dated 05/17/01, expiring on 5/21/06.
2. Notice of Acceptance No. **00-0524.06** issued to Nebula Glass International, Inc. for "Glasslam Safery-Plus Laminated Glass" dated 9/21/00, expiring on 9/9/03.
3. Notice of Acceptance No. **02-1205.03** issued to Security Impact Glass Holdings L.L.C. for "SAF-GLAS" dated 01/02/03, expiring on 12/16/07.

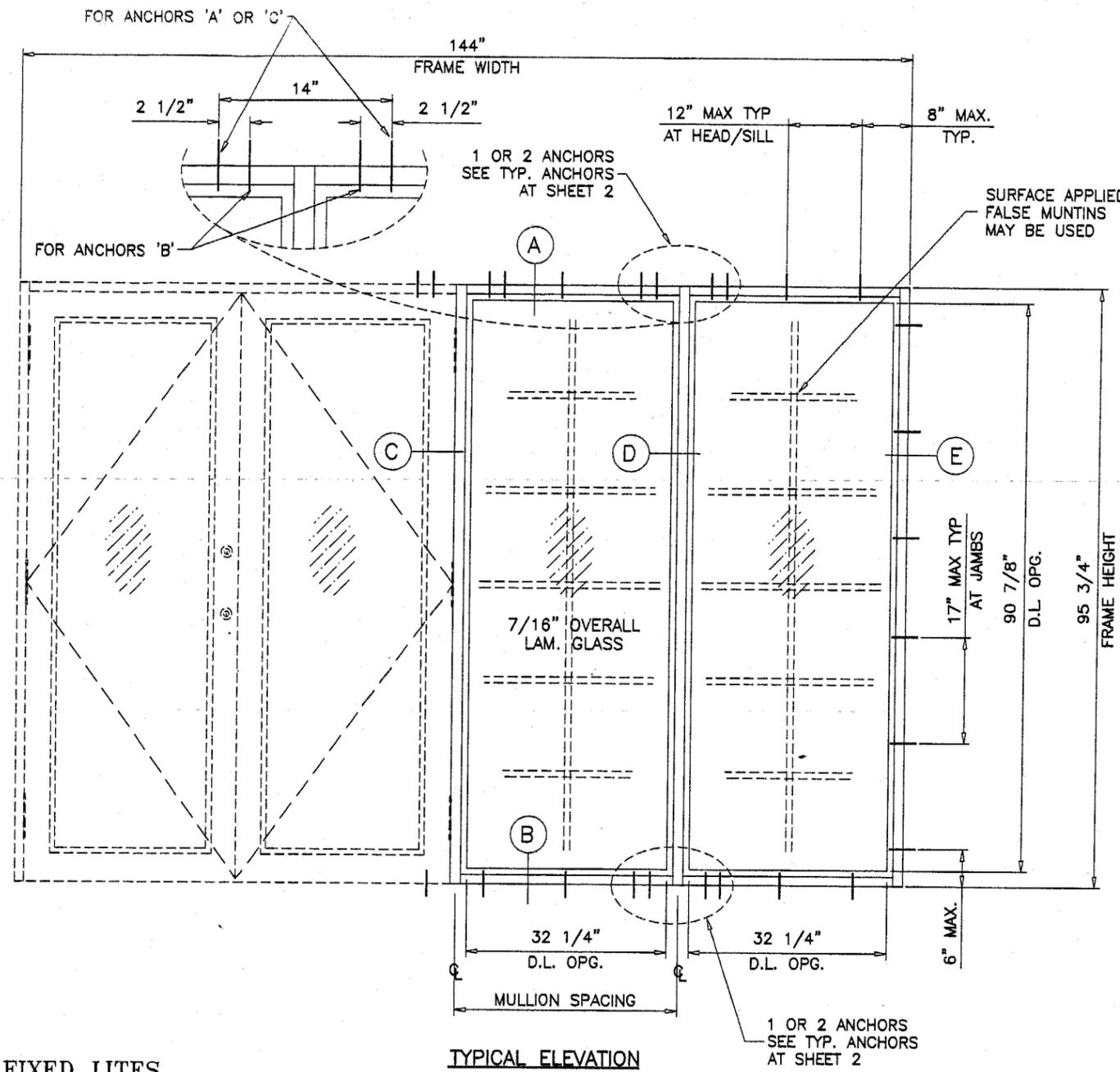
**E. STATEMENTS**

1. Statement letter of conformance, dated 10/29/02, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, dated 10/29/02, signed and sealed by Humayoun Farooq, P.E.



**Theodore Berman, P.E.**  
**Deputy Director, Product Control Examiner**  
**NOA No 02-1121.01**  
**Expiration Date: April 03, 2008**  
**Approval Date: April 03, 2003**

DESIGN LOAD CAPACITY - PSF									
AVERAGE WIDTH INCHES CL TO CL	FRAME HEIGHT INCHES	GLASS TYPE 'A'				GLASS TYPE 'B' & 'C'			
		ANCHOR TYPE 'A'		ANCHOR TYPE 'B' & 'C'		ANCHOR TYPE 'A'		ANCHOR TYPE 'B' & 'C'	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24	72	62.0	81.0	62.0	81.0	62.0	81.0	62.0	81.0
30		62.0	81.0	62.0	81.0	62.0	81.0	62.0	81.0
36		62.0	79.1	62.0	79.1	62.0	81.0	62.0	81.0
42		62.0	62.0	62.0	62.0	62.0	74.2	62.0	81.0
48		52.3	52.3	52.3	52.3	62.0	69.0	62.0	81.0
24	78	62.0	81.0	62.0	81.0	62.0	81.0	62.0	81.0
30		62.0	81.0	62.0	81.0	62.0	81.0	62.0	81.0
36		62.0	73.3	62.0	73.3	62.0	73.6	62.0	81.0
42		57.0	57.0	57.0	57.0	62.0	66.4	62.0	81.0
24	80	62.0	81.0	62.0	81.0	62.0	81.0	62.0	81.0
30		62.0	81.0	62.0	81.0	62.0	81.0	62.0	81.0
36		62.0	71.2	62.0	71.5	62.0	71.2	62.0	81.0
42		55.3	55.3	55.3	55.3	62.0	64.2	62.0	81.0
24	84	62.0	81.0	62.0	81.0	62.0	81.0	62.0	81.0
30		62.0	76.8	62.0	81.0	62.0	76.8	62.0	81.0
36		62.0	66.9	62.0	68.0	62.0	66.9	62.0	81.0
24	90	62.0	81.0	62.0	81.0	62.0	81.0	62.0	81.0
30		62.0	70.7	62.0	81.0	62.0	70.7	62.0	81.0
36		61.3	61.3	62.0	67.0	61.3	61.3	62.0	81.0
24	95-3/4	62.0	79.1	62.0	81.0	62.0	79.1	62.0	81.0
30		62.0	65.6	62.0	81.0	62.0	65.6	62.0	81.0
36		56.8	56.8	62.0	63.4	56.8	56.8	62.0	76.5



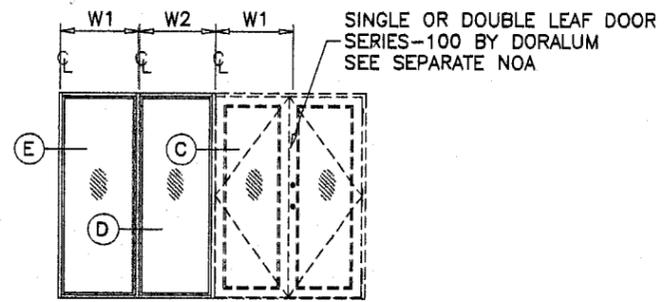
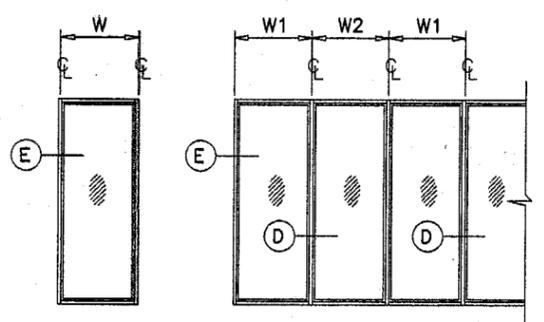
TYPICAL ELEVATION  
( XXOO )  
TESTED UNIT

Approved as complying with the  
Florida Building Code  
Date 04/03/03  
NOA# 02-1121.01  
Miami Trade Product Control  
By *Chlorine Gorman*

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

OCT 29 2002

$$\text{AVERAGE WIDTH} = \frac{W1 + W2}{2}$$



APPROVED CONFIGURATIONS

**SERIES-100 ALUMINUM FIXED LITES**

FIXED LITES GLAZED WITH LAMINATED GLASS RATED FOR LARGE MISSILE IMPACT AND REQUIRE NO SHUTTERS. DESIGN LOAD RATING FOR THESE LITES TO BE AS PER CHARTS SHOWN ABOVE.

APPROVAL APPLIES TO SINGLE OR MULTIPLE FIXED LITES. ALSO COMBINATION OF FIXED LITES WITH SERIES-100 ALUMINUM OUT SWING DOORS CARRYING THEIR OWN NOA.

THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE OF THE 2001 FLORIDA BUILDING CODE. ALSO FOR WIND LOADS AS PER ASCE 7-88, ASCE 7-93, ASCE 7-95 OR ASCE 7-98 AS REQUIRED BY PREVAILING BUILDING CODE.

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

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR 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.

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

SERIES-100 ALUMINUM FIXED LITES  
**DORALUM CORPORATION**  
7040 N.W. 77 TER.  
MEDLEY, FL. 33166  
TEL (305) 884-3922 FAX (305) 884-1464

no	date	by	description

date: 10-09-02  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

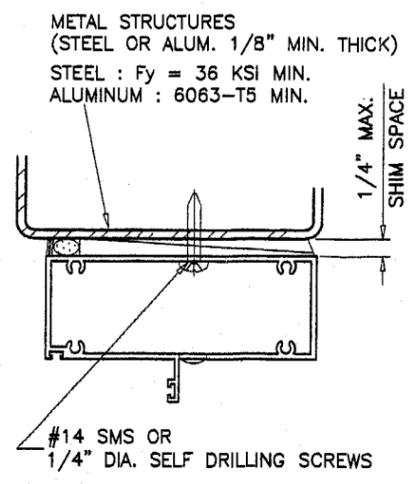
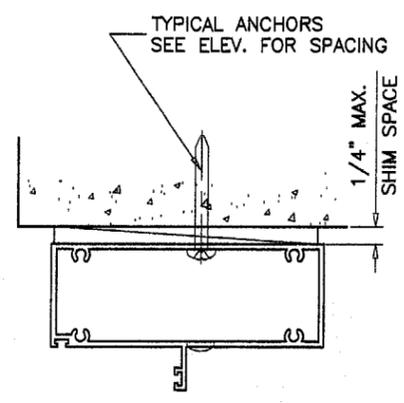
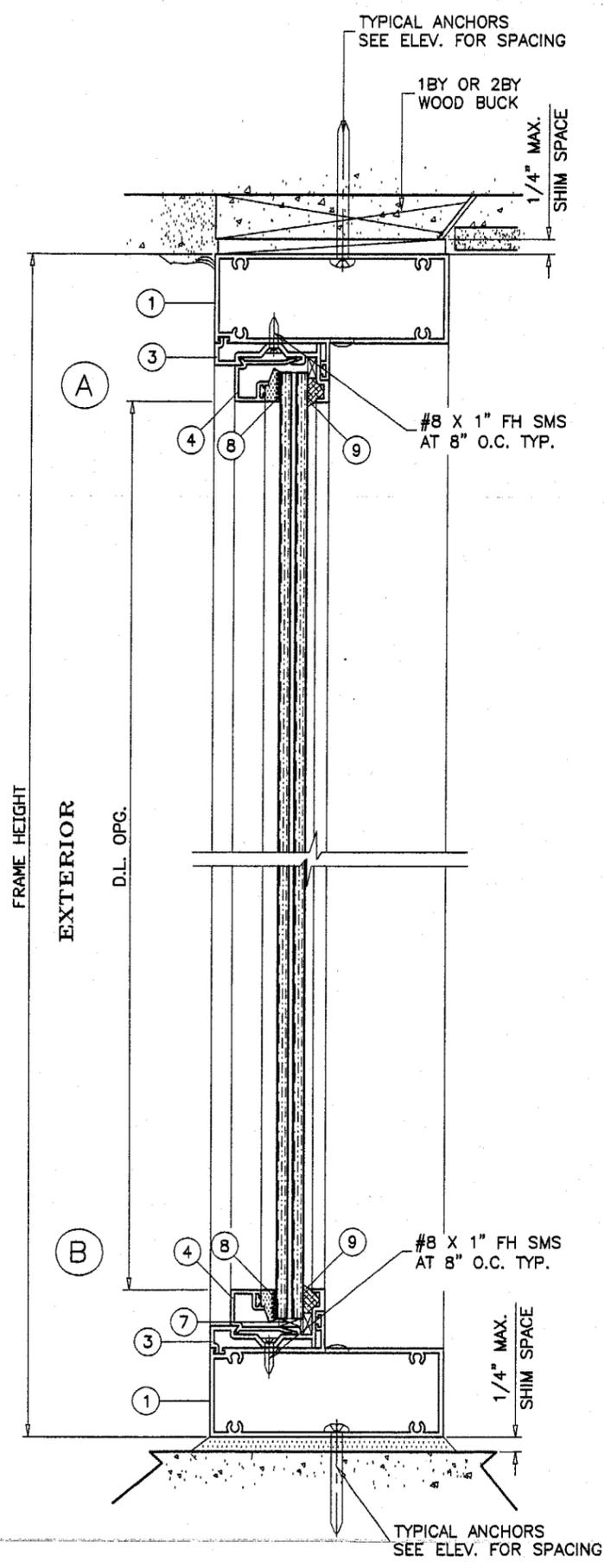
drawing no.  
**W02-92**

sheet 1 of 4

COMP-ANL\W02-92DAC

WOOD BUCKS NOT BY DORALUM, MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

*af*  
C



**NOTE:**  
SHOWN ANCHOR CONDITIONS APPLICABLE AT HEAD OR SILL DETAILS.

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

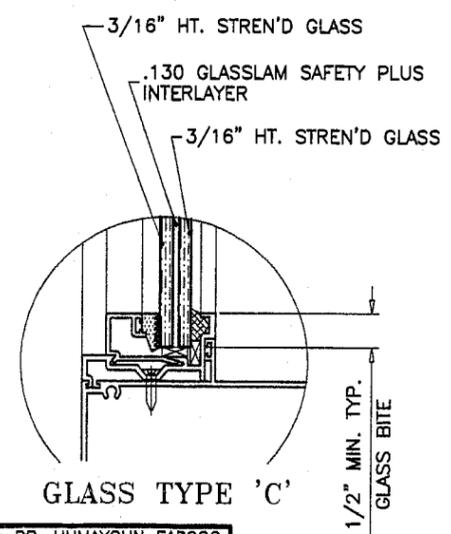
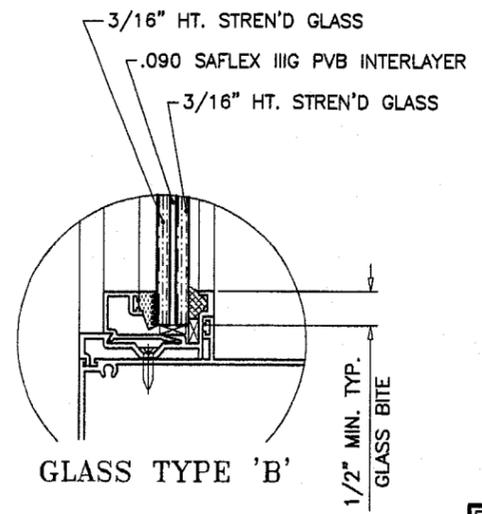
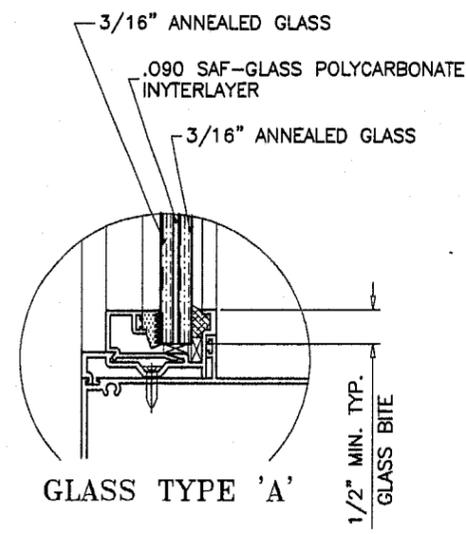
**TYPE 'A'**- 1/4" TAPCONS (1) ANCHOR AT EACH SIDE OF MULLION INTO 2BY WOOD BUCKS OR WOOD STRUCTURES 1-3/4" MIN. TOTAL EMBED. (WOOD + SUBSTRATE) THRU 1BY WOOD BUCKS INTO CONC. OR MASONRY 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

**TYPE 'B'**- 1/4" TAPCONS (2) ANCHORS AT EACH SIDE OF MULLION INTO 2BY WOOD BUCKS OR WOOD STRUCTURES 1-3/4" MIN. TOTAL EMBED. (WOOD + SUBSTRATE) THRU 1BY WOOD BUCKS INTO CONC. OR MASONRY 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

**TYPE 'C'**- 1/4" TAPCONS (1) ANCHOR AT EACH SIDE OF MULLION DIRECTLY INTO CONC. OR MASONRY 1-1/4" MIN. EMBED INTO CONC. OR MASONRY  
#14 SMS OR 1/4" SELF DRILLING SCREWS INTO METAL STRUCTURES (STEEL OR ALUMINUM 1/8" MIN. THICK.)  
STEEL : Fy = 36 KSI MIN.  
ALUMINUM : 6063-T5 MIN.  
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**SEALANTS:**

FRAME AND LEAF CORNERS, INSTALLATION SCREWS AT SILL SEALED WITH CLEAR COLORED SEALANT.



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

OCT 29 2007

Approved as complying with the Florida Building Code  
Date 04/03/03  
NOA# 02-1121-01  
Miami Dade Product Control  
Division  
By: *Gleedore Bernier*

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COMP-ANL\W02-92DAC

SERIES-100 ALUMINUM FIXED LITES  
**DORALUM CORPORATION**  
7040 N.W. 77 TER.  
MEDLEY, FL. 33166  
TEL. (305) 884-3922 FAX (305) 884-1464

revisions:	no	date	by	description

date: 10-09-02  
scale: 3/8" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W02-92**  
sheet 2 of 4

afc

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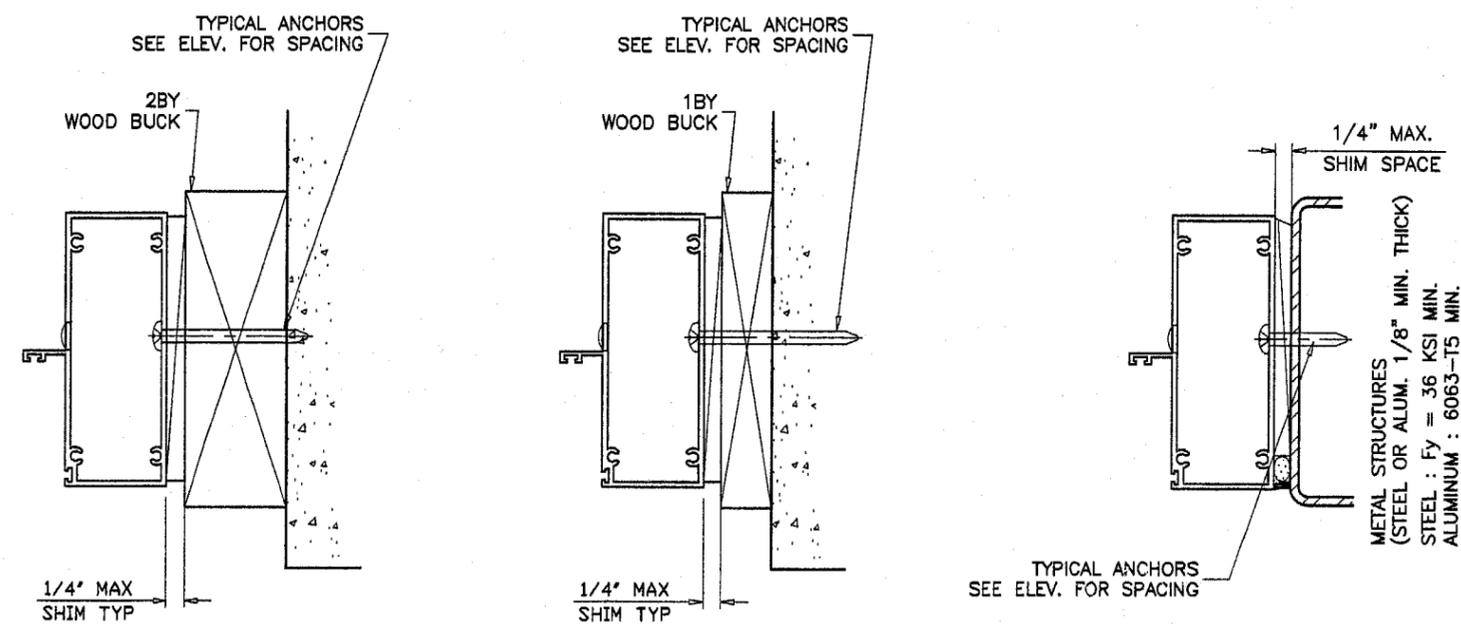
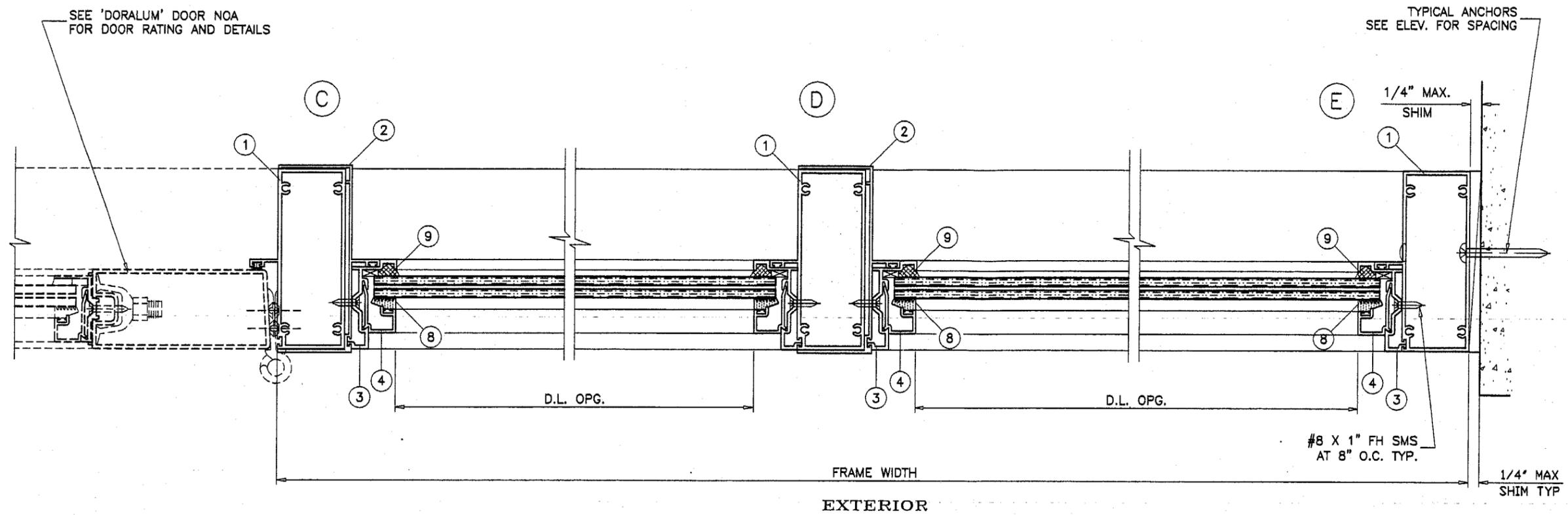
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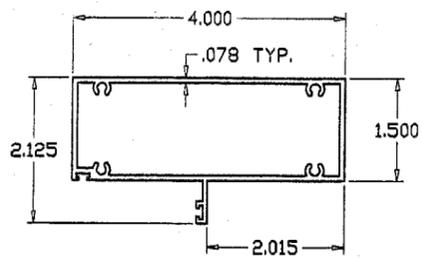
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**W02-92**  
 sheet 3 of 4

COMP-ANL\W02-92DAC

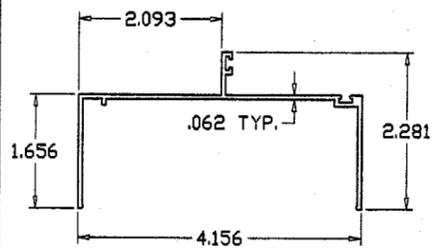


Engr: DR. HUMAYOON FAROOQ  
 STRUCTURES  
 FLA. PE # 16557  
 11 OCT 29 2002

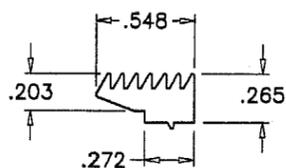
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 Miami Dade Product Control  
 Division  
 By: *Eleonore...*



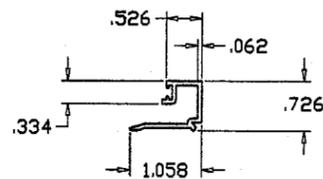
FRAME HEAD/JAMB



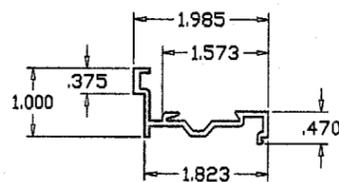
SIDE LITE JAMB



GLAZING VINYL (SCALE 1:1)

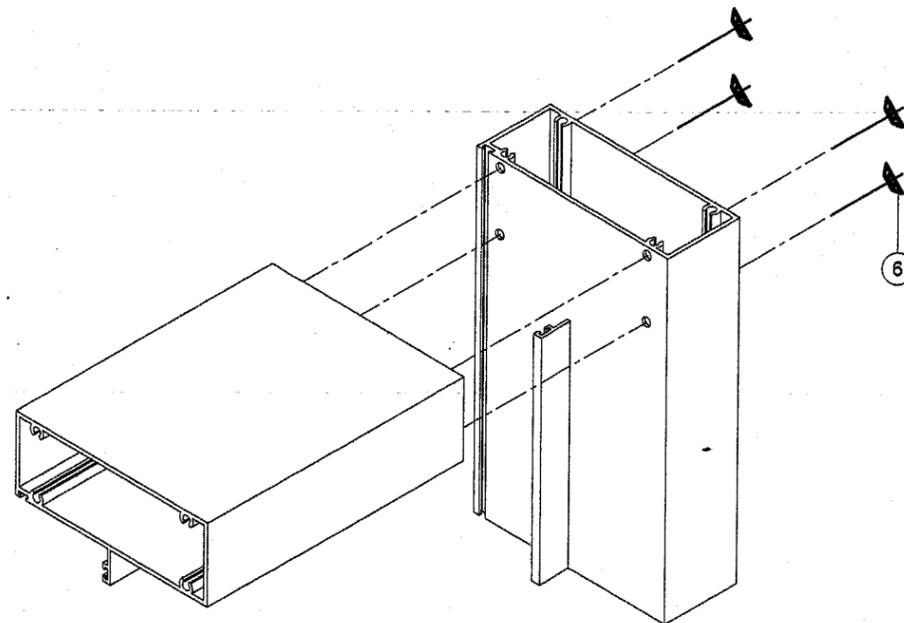


GLASS STOP

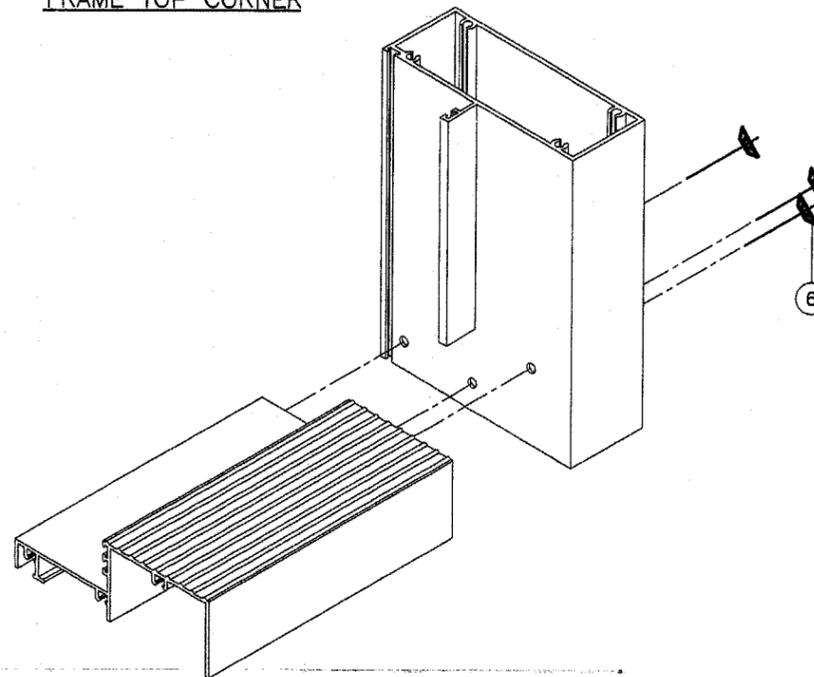


GLAZING ADAPTER

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	SW-28899	3/DOOR	FRAME HEAD/JAMB	6063-T6	-
2	SW-28897	AS REQD.	SIDELITE JAMB	6063-T6	-
3	DOR-017	AS REQD.	GLAZING ADAPTER	6063-T6	-
4	DOR-019	AS REQD.	GLASS STOP	6063-T6	-
5	-	-	-	-	-
6	#8X3/4" PHSMS	AS REQD.	ASSEMBLY SCREWS		AT ALL FRAME JOINTS
7	-	8/LEAF	1/4" SETTING BLOCK	NYLON	-
8	-	AS REQD.	GLAZING VINYL	VINYL	-
9	SILICONE PLUS	-	SILICONE		DOW CORNING OR EQUIV.



FRAME TOP CORNER



FRAME BOTTOM CORNER

Engr: DR. HUMAYOUN FAROOQ  
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Miami Dade Product Control  
Division  
By: *Charles Bertram*

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sheet 4 of 4

COMP-ANL\W02-92D4C