



**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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**TRACO Security Windows & Doors, Inc.  
5100 NW 72 Ave.  
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 the BCCO and accepted by the Building Code and Product Review Committee (BCPRC) 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 BCCO (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. BCPRC reserves the right to revoke this acceptance, if it is determined by BCCO 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 South Florida Building Code, 1994 Edition for Miami-Dade County or Florida Building Code.

### **DESCRIPTION: Series 1250 Aluminum Fixed Window**

**APPROVAL DOCUMENT:** Drawing No. **W01-18**, Sheets 1 through 3 of 3, titled "Series-1250 Aluminum Fixed Window," prepared, signed and sealed by Humayoun Farooq, P.E., dated 04/05/01, bearing the Miami-Dade County Product Control Approval stamp with the NOA number and approval date by the Miami-Dade County Product Control Division.

### **MISSILE IMPACT RATING: Large Missile.**

**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 **Manuel Perez, P.E.**



**NOA No 01-0717.01  
Expiration Date: February 21, 2007  
Approval Date: February 21 2002  
Page 1**

**TRACO Security Windows & Doors, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

(For File ONLY. Not part of NOA)

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No **W01-18**, Sheets 1 thru 3 of 3, titled "Series-1250 Aluminum Fixed Window" dated 04/05/01, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P. E.

**B. TESTS**

1. Test reports on 1) Air Infiltration Test, per SFBC PA 202-94.  
2) Uniform Static Air Pressure Test, Loading per SFBC PA 202-94.  
3) Water Resistance Test, per SFBC PA 202-94.  
4) Large Missile Impact Test, per SFBC PA 201-94.  
5) Cyclic Wind Pressure Loading Test, per SFBC PA 203-94  
along with marked-up drawings and installation diagram of Series 1250 aluminum fixed windows, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-2757**, dated 11/07/00, signed and sealed by Antonio Acevedo, P.E.

**C. CALCULATIONS**

1. Anchor Calculations and comparative analysis, dated 4/4/01, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E.

**D. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **01-0205.02**, issued to Solutia, Inc. for their "Saflex IIIIG PVB Polyvinyl Butyral Interlayer", approved on 08/27/98 and expiring on 05/21/01.

**E. STATEMENTS**

1. Letter of Code Compliance, issued by Al-Farooq Corporation. on April 4, 2001, signed and sealed by Humayoun Farooq, P.E.
2. Letter of no financial interest, issued by Al-Farooq Corporation. on April 4, 2001, signed and sealed by Humayoun Farooq, P.E.
3. Laboratory compliance letter for Test Report No. **FTL-2757**, issued by Fenestration Testing Laboratory, Inc., dated May 22, 2001 signed and sealed by Antonio Acevedo, P.E.

**F. OTHER**

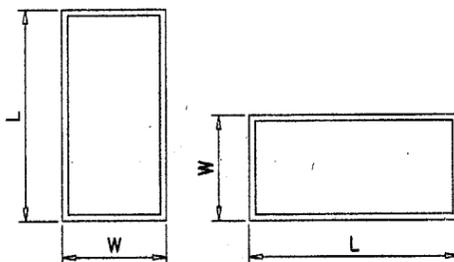
1. None.

  
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Manuel Perez, P.E.  
Product Control Examiner, Control Division  
NOA No 01-0717.01

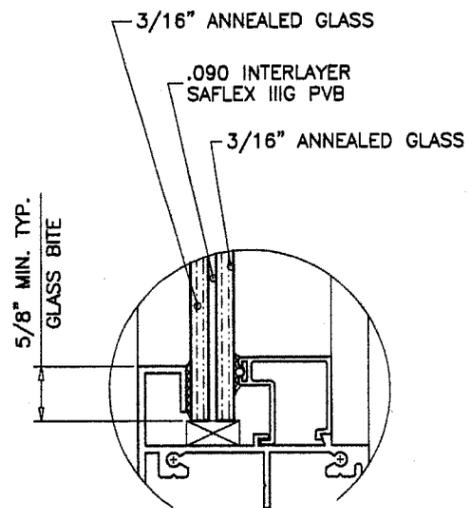
Expiration Date: February 21, 2007  
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| LARGE MISSILE IMPACT RESISTANT WINDOWS<br>SHUTTERS NOT REQUIRED |      |                            |          |              |          |      |
|---|------|----------------------------|----------|--------------|----------|------|
| WINDOW DIMS.  |      | DESIGN LOAD CAPACITY - PSF |          |              |          |      |
|   |      | 3/16" ANCHORS              |          | 1/4" ANCHORS |          |      |
| A/B   | A/B  | EXT. (+)                   | INT. (-) | EXT. (+)     | INT. (-) |      |
| 24"   | 36"  | 80.0                       | 68.0     | 80.0         | 80.0     |      |
| 30"   |      | 80.0                       | 54.4     | 80.0         | 80.0     |      |
| 36"   |      | 80.0                       | 45.3     | 80.0         | 80.0     |      |
| 42"   |      | 80.0                       | 51.8     | 80.0         | 80.0     |      |
| 48"   |      | 80.0                       | 45.3     | 80.0         | 80.0     |      |
| 54"   |      | 80.0                       | 50.4     | 80.0         | 80.0     |      |
| 60"   |      | 80.0                       | 45.3     | 80.0         | 80.0     |      |
| 66"   |      | 80.0                       | 49.5     | 80.0         | 80.0     |      |
| 72"   | 80.0 | 45.3                       | 80.0     | 80.0         |          |      |
| 24"   | 48"  | 80.0                       | 68.0     | 80.0         | 80.0     |      |
| 30"   |      | 80.0                       | 54.4     | 80.0         | 80.0     |      |
| 36"   |      | 80.0                       | 45.3     | 80.0         | 80.0     |      |
| 42"   |      | 70.5                       | 38.9     | 70.5         | 70.5     |      |
| 48"   |      | 61.7                       | 34.0     | 61.7         | 61.7     |      |
| 54"   |      | 61.7                       | 37.8     | 61.7         | 61.7     |      |
| 24"   |      | 60"                        | 80.0     | 68.0         | 80.0     | 80.0 |
| 30"   |      |                            | 80.0     | 54.4         | 80.0     | 80.0 |
| 36"   | 80.0 |                            | 45.3     | 80.0         | 80.0     |      |
| 42"   | 70.5 |                            | 38.9     | 70.5         | 70.5     |      |
| 24"   | 72"  |                            | 80.0     | 68.0         | 80.0     | 80.0 |
| 30"   |      |                            | 80.0     | 54.4         | 80.0     | 80.0 |
| 36"   |      |                            | 80.0     | 45.3         | 78.2     | 78.2 |
| 24"   |      |                            | 84"      | 80.0         | 68.0     | 80.0 |
| 30"   |      | 80.0                       |          | 54.4         | 80.0     | 80.0 |
| 24"   |      | 96"                        | 80.0     | 68.0         | 80.0     | 80.0 |
| 24"   |      | 108"                       | 80.0     | 68.0         | 80.0     | 80.0 |

| LARGE MISSILE IMPACT RESISTANT WINDOWS<br>SHUTTERS NOT REQUIRED |         |                            |          |              |          |
|---|---------|----------------------------|----------|--------------|----------|
| WINDOW DIMS.  |         | DESIGN LOAD CAPACITY - PSF |          |              |          |
|   |         | 3/16" ANCHORS              |          | 1/4" ANCHORS |          |
| A/B   | A/B     | EXT. (+)                   | INT. (-) | EXT. (+)     | INT. (-) |
| 19-1/8"   | 26"     | 80.0                       | 80.0     | 80.0         | 80.0     |
| 26-1/2"   |         | 80.0                       | 80.0     | 80.0         | 80.0     |
| 37"   |         | 80.0                       | 80.0     | 80.0         | 80.0     |
| 53-1/8"   |         | 80.0                       | 70.9     | 80.0         | 80.0     |
| 19-1/8"   | 38-3/8" | 80.0                       | 80.0     | 80.0         | 80.0     |
| 26-1/2"   |         | 80.0                       | 77.0     | 80.0         | 80.0     |
| 37"   |         | 80.0                       | 55.2     | 80.0         | 80.0     |
| 53-1/8"   |         | 77.1                       | 48.0     | 77.1         | 77.1     |
| 19-1/8"   | 50-5/8" | 80.0                       | 80.0     | 80.0         | 80.0     |
| 26-1/2"   |         | 80.0                       | 73.0     | 80.0         | 80.0     |
| 37"   |         | 80.0                       | 52.3     | 80.0         | 80.0     |
| 53-1/8"   |         | 58.5                       | 36.4     | 58.5         | 58.5     |
| 19-1/8"   | 63"     | 80.0                       | 80.0     | 80.0         | 80.0     |
| 26-1/2"   |         | 80.0                       | 70.4     | 80.0         | 80.0     |
| 37"   |         | 80.0                       | 50.4     | 80.0         | 80.0     |
| 19-1/8"   |         | 74-1/4"                    | 80.0     | 80.0         | 80.0     |
| 26-1/2"   | 80.0    |                            | 69.7     | 80.0         | 80.0     |
| 37"   | 74.9    |                            | 49.9     | 74.9         | 74.9     |



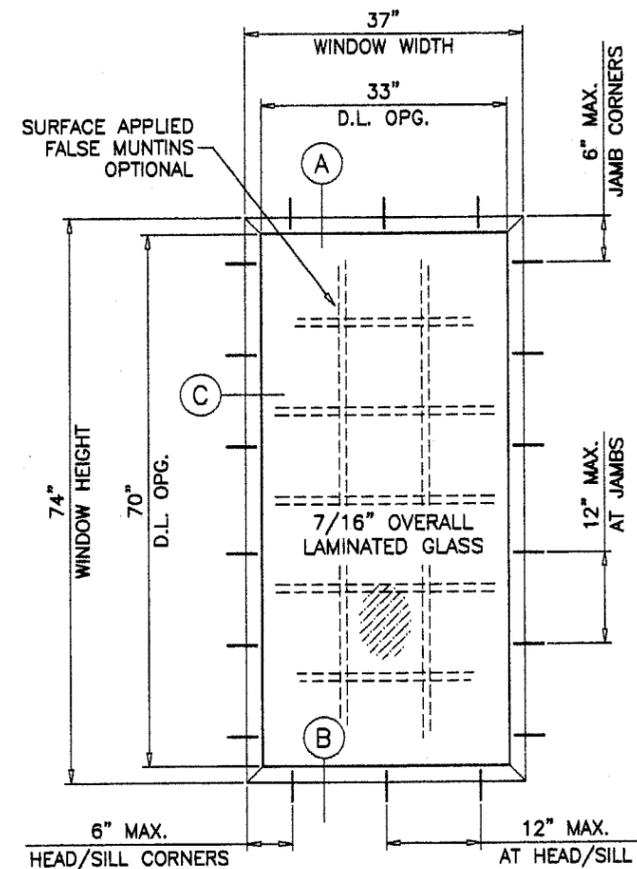
NOTE:  
WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.



7/16" LAMINATED GLASS  
LARGE MISSILE IMPACT RESISTANT  
GLAZING DETAIL

NOTES:

- THIS STRUCTURE IS DESIGNED AS PER THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR DADE COUNTY. ALSO FOR WIND LOADS AS PER ASCE 7 USING CORRESPONDING LOADS.
- 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.



TYPICAL ELEVATION  
TESTED UNIT

Engr: DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 18557

FEB 11 2002

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE FEB 21 2002  
BY *Manuel Perez*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 01-0717-01

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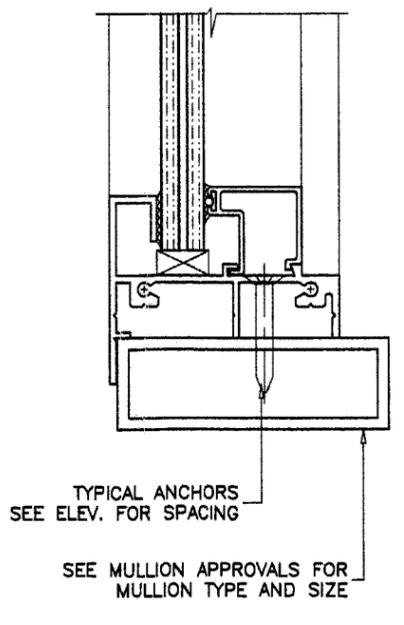
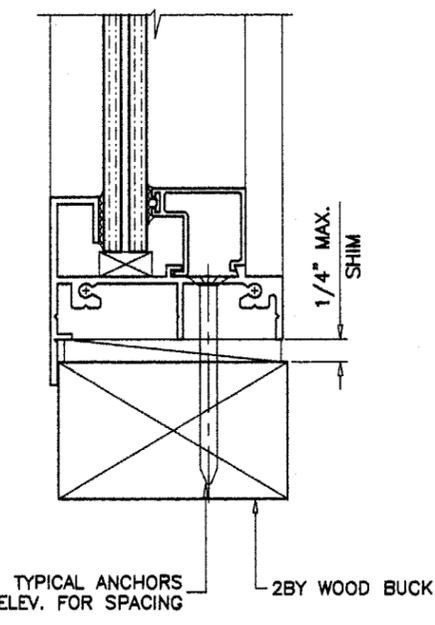
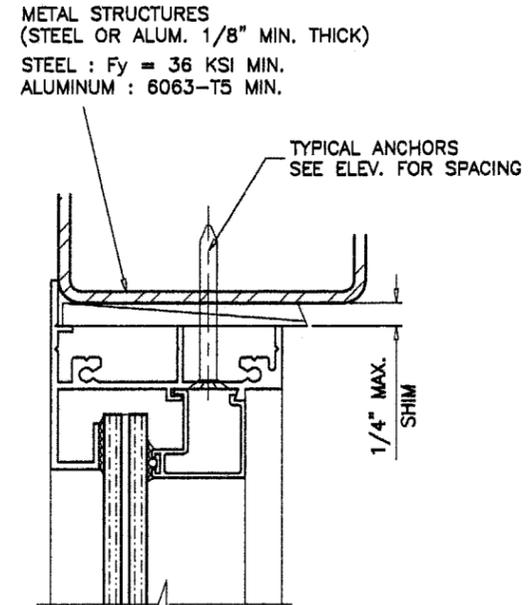
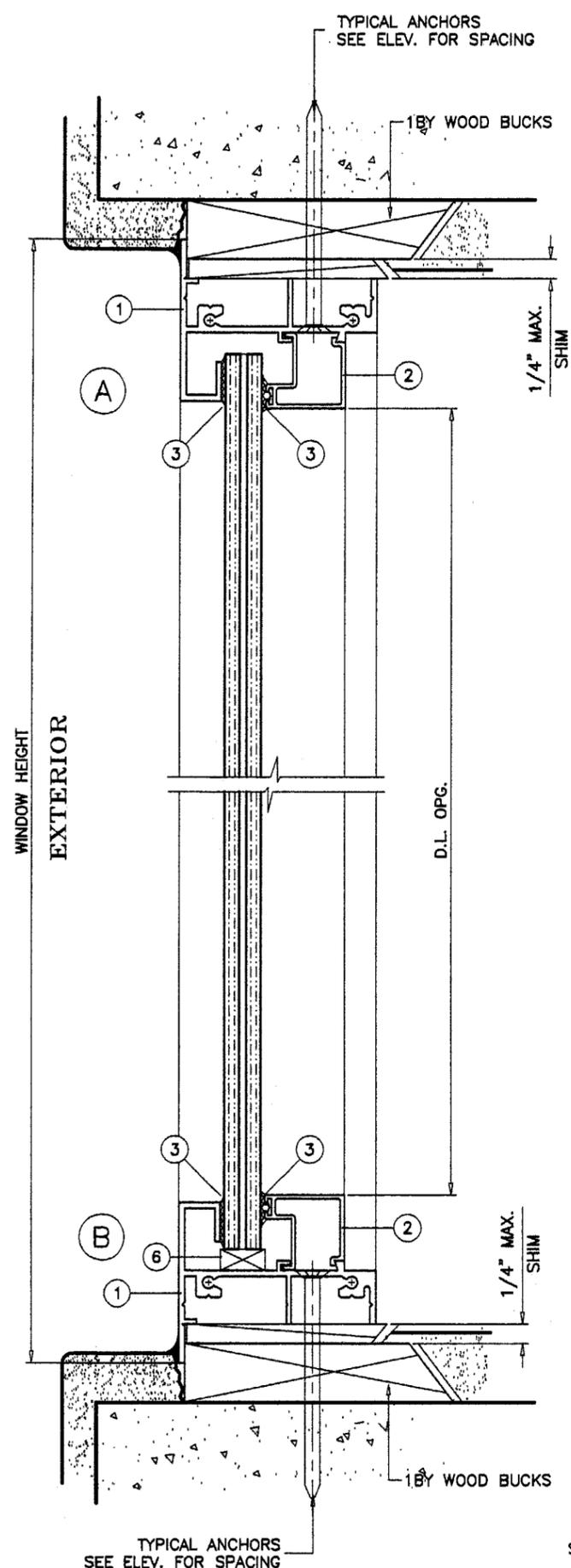
AL-FAROOQ CORPORATION  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W01-18TSW

SERIES-1250 ALUMINUM FIXED WINDOW  
TRACO SECURITY WINDOWS & DOORS INC.  
5100 N.W. 72 AVE.  
MIAMI, FL. 33166  
TEL. (305) 591-8990

| revisions: | no | date | by | description |
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scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
W01-18  
sheet 1 of 3



WOOD BUCKS NOT BY TRACO SECURITY WINDOWS MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

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

THRU 1BY WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY  
 3/16" OR 1/4" TAPCONS (BY ELCO OR EQUIV. ANCHOR HOLDING CURRENT N.O.A.)  
 1-1/4" MIN. MASONRY EMBED.

INTO 2BY WOOD BUCKS OR WOOD STRUCTURE  
 3/16" OR 1/4" TAPCONS  
 1-3/8" MIN. WOOD PENETRATION

INTO MULLIONS OR METAL STRUCTURES  
 3/16" OR 1/4" TEKS OR SELF DRILLING SCREWS

**SEALANTS:**  
 FRAME CORNERS, INSTALLATION SCREWS AND GLAZING BEAD ENDS SEALED WITH SCHNEE MOREHEAD #5504 SEALANT.

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

*[Signature]*

FEB 11 2002

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
 DATE FEB 21 2002  
 BY *[Signature]*  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 01-0717.01

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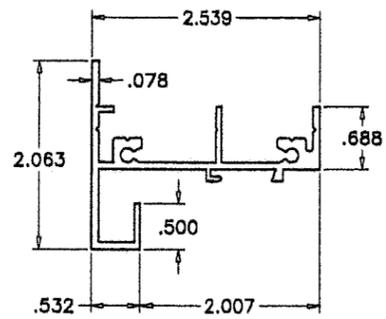
**AL-FAROOQ CORPORATION**  
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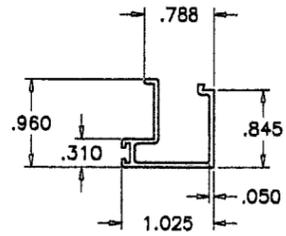
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date: 04-05-01  
 scale: 1/2" = 1"  
 dr. by: HAMID  
 chk. by:

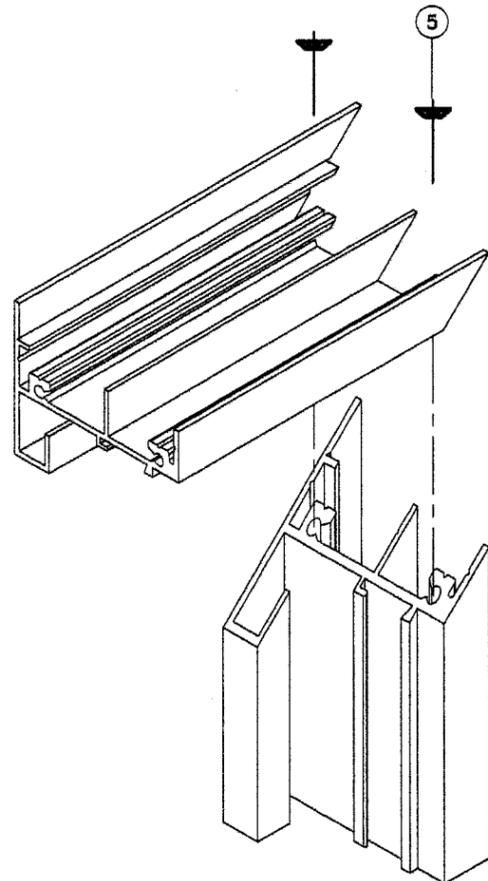
drawing no. **W01-18**  
 sheet 2 of 3



WINDOW FRAME

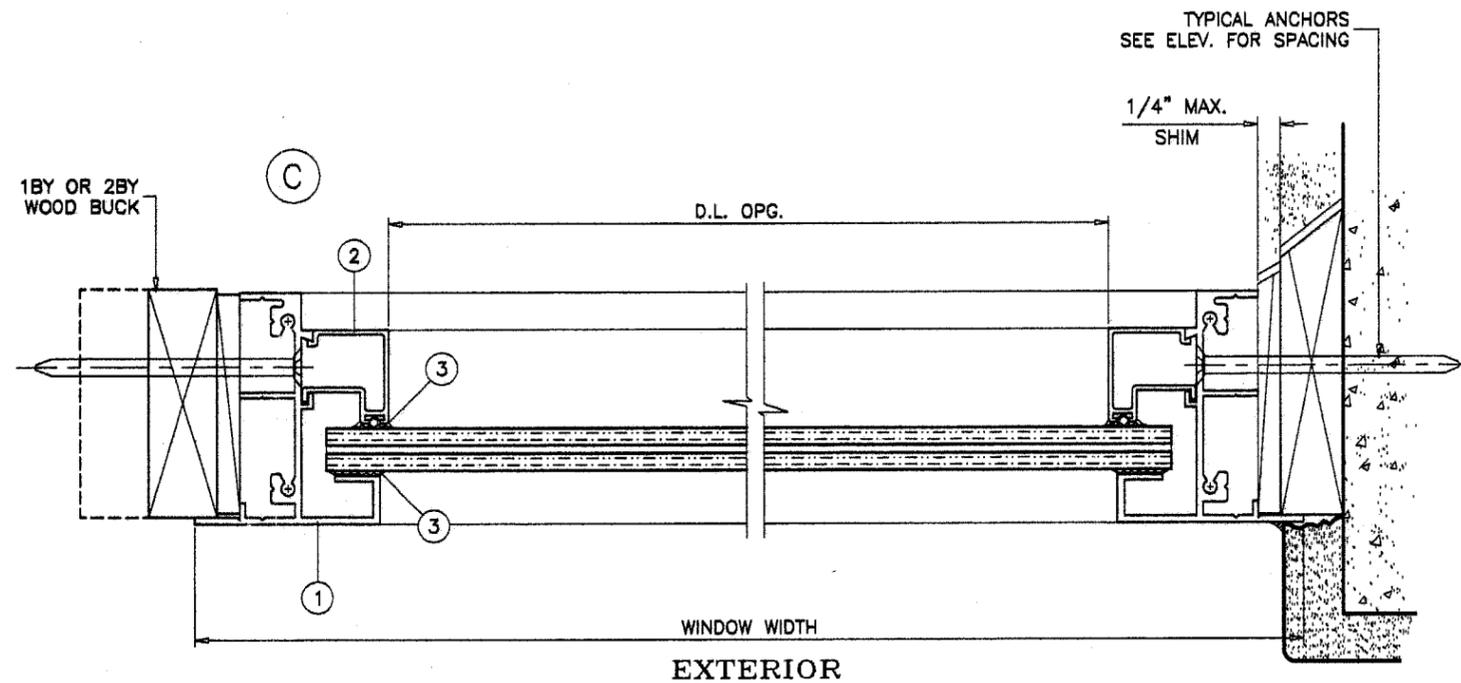


GLAZING BEAD



TYPICAL CORNER DETAIL  
MITERED JOINT CONSTRUCTION

| MATERIALS LIST |             |           |                           |          |                       |
|----------------|-------------|-----------|---------------------------|----------|-----------------------|
| ITEM NO.       | PART NUMBER | QUANTITY  | DESCRIPTION               | MATERIAL | MANF./SUPLIER/REMARKS |
| 1              | 050-746     | 4         | WINDOW FRAME              | ALUMINUM | 6063-T5               |
| 2              | 050-704     | 4         | GLAZING STOP              | ALUMINUM | 6063-T5               |
| 3              | -           | AS REQD.  | GLAZING COMPOUND          | SILICONE | -                     |
| 4              | -           | AS REQD.  | SEALANT                   | -        | SCHNEE-MOREHEAD       |
| 5              | #8 X 1"     | 2/ CORNER | FRAME ASSEMBLY SCREWS     | CRS      | PH SMS                |
| 6              | -           | AS REQD.  | SETTING BLOCK (1/8" X 4") | VINYL    | AT 18" FROM ENDS      |



WINDOW WIDTH  
EXTERIOR

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

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE **FEB 21 2002**  
BY *Maamun*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO **01-0717-01**

**FEB 11 2002**

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**W01-18**  
sheet 3 of 3