



**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

NOTICE OF ACCEPTANCE (NOA)

**Innovative Window Concepts, L.L.C.
505 Industrial Way
Boynton Beach, FL 33426**

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 3040/3062 Aluminum Fixed Window – L. M. I.

APPROVAL DOCUMENT: Drawing No. **W04-04**, titled "Aluminum Fixed Window (L. M. I.)", sheets 1 through 3 of 3, dated 01/14/04 with revision A dated 05/21/05, prepared by Al-Farooq Corporation, 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.

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 **revises and supersedes** NOA # **04-0528.01** 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 05-0706.05
Expiration Date: August 26, 2009
Approval Date: October 6, 2005
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. **DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No **W04-04**, Sheets 1 through 3 of 3, titled "Aluminum Fixed Window (L.M.I.)", dated 01/14/04 with revision A dated 05/21/05, prepared by Al-Farooq Corporation, 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
along with marked-up drawings and installation diagram of Series 3040 and 3062 aluminum fixed "picture" window, prepared by American Test Lab of South Florida, Test Report No. **ATL-0530.01-03**, dated 06/25/03, signed and sealed by William R. Mehner, P.E. and Henry Hattem, P.E.
(Submitted under NOA # 04-0528.01)

C. **CALCULATIONS**

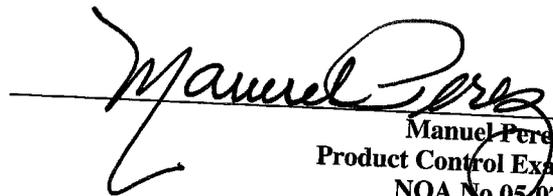
1. Anchor Calculations, and structural analysis, prepared by Al-Farooq Corporation, dated 06/23/05, signed and sealed by Humayoun Farooq, P.E.
Complies with ASTM E1300-98
No 1/3 stress increase used in anchors into masonry or steel substrate.
2. Anchor Calculations and structural analysis, prepared by Al-Farooq Corporation, dated 01/15/04, signed and sealed by Humayoun Farooq, P.E.
(Submitted under NOA # 04-0528.01)

D. **QUALITY ASSURANCE**

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

E. **MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **01-1204.01** issued to E.I. DuPont DeNemours for "Sentry Glass (R) Plus" dated 01/07/02, expiring on 01/14/07.
2. Notice of Acceptance No. **01-0205.02** issued to Solutia Inc. for their "Saflex /Keepsafe Maximum" dated 05/17/01, expiring on 05/21/06.


Manuel Perez, P.E.
Product Control Examiner
NOA No 05-0706.05
Expiration Date: August 26, 2009
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Innovative Window Concepts, L.L.C.

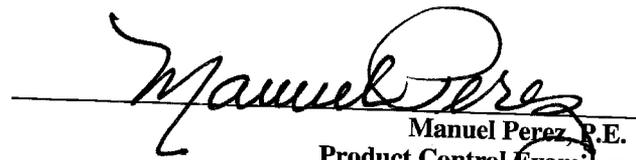
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance, dated June 22, 2005, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, dated February 24, 2004, signed and sealed by Humayoun Farooq, P.E.

G. OTHER

1. Notice of Acceptance No. **04-0528.01**, issued to Innovative Window Concepts LLC for their "Series 3040/3062 Aluminum Fixed Window – Large Missile Impact", approved on 08/26/04 and expiring on 08/26/09.



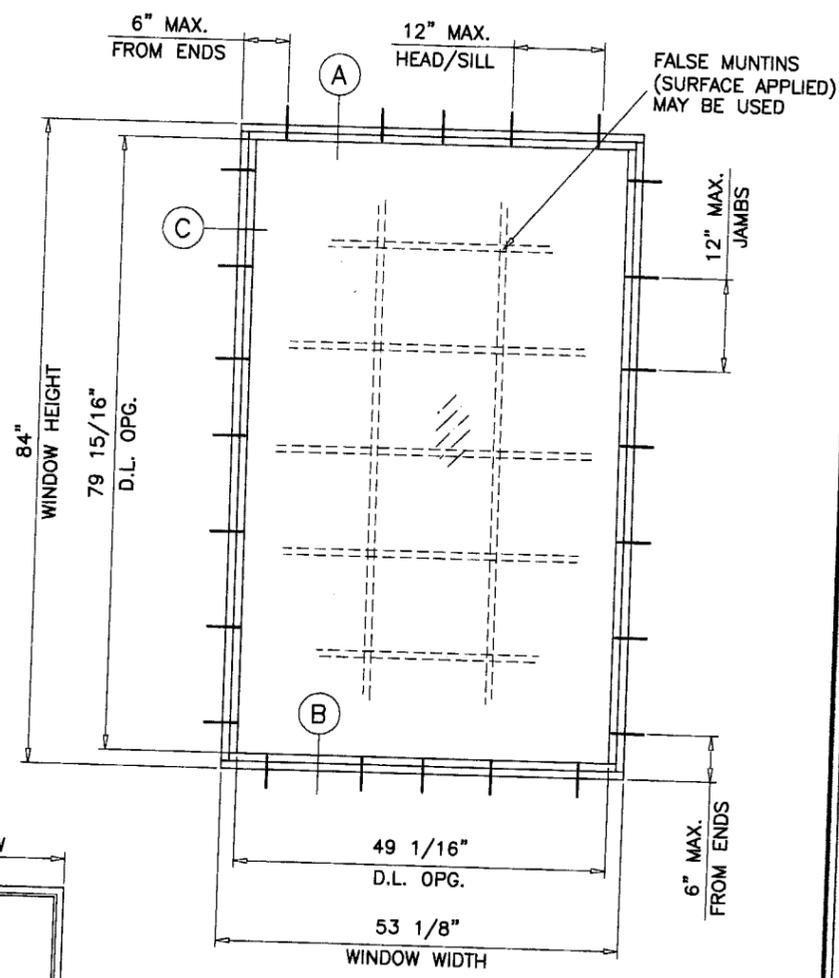
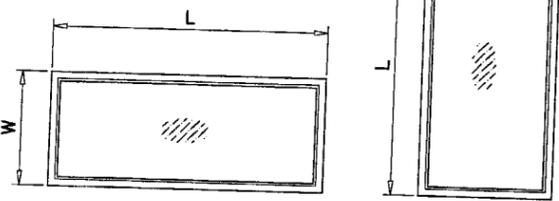
Manuel Perez, P.E.
Product Control Examiner
NOA No 05-0706.05

Expiration Date: August 26, 2009
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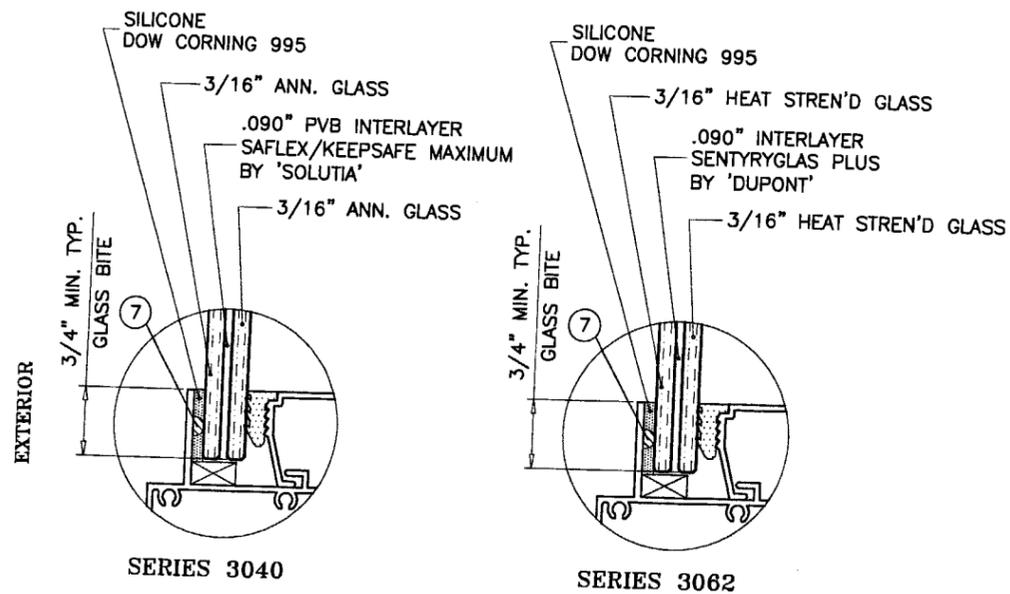
| DESIGN LOAD CAPACITY - PSF | | | | | | | |
|----------------------------|--------|-------------------|---------|-------------|---------|-------------|---------|
| WINDOW DIMS. | | SERIES 3040 | | SERIES 3062 | | | |
| | | ANCHORS 'A' & 'B' | | ANCHORS 'A' | | ANCHORS 'B' | |
| WIDTH | LENGTH | EXT.(+) | INT.(-) | EXT.(+) | INT.(-) | EXT.(+) | INT.(-) |
| 24" | 36" | 62.0 | 62.0 | 90.0 | 108.0 | 90.0 | 120.0 |
| 30" | | 62.0 | 62.0 | 90.0 | 98.7 | 90.0 | 120.0 |
| 36" | | 62.0 | 62.0 | 90.0 | 96.0 | 90.0 | 120.0 |
| 42" | | 62.0 | 62.0 | 90.0 | 96.0 | 90.0 | 120.0 |
| 48" | | 62.0 | 62.0 | 76.8 | 76.8 | 90.0 | 120.0 |
| 54" | | 62.0 | 62.0 | 80.0 | 80.0 | 90.0 | 120.0 |
| 24" | 48" | 62.0 | 62.0 | 90.0 | 96.0 | 90.0 | 120.0 |
| 30" | | 62.0 | 62.0 | 83.8 | 83.8 | 90.0 | 120.0 |
| 36" | | 62.0 | 62.0 | 76.8 | 76.8 | 90.0 | 120.0 |
| 42" | | 54.6 | 54.6 | 73.1 | 73.1 | 90.0 | 120.0 |
| 48" | | 47.8 | 47.8 | 72.0 | 72.0 | 90.0 | 120.0 |
| 54" | | 47.8 | 47.8 | 72.0 | 72.0 | 90.0 | 120.0 |
| 24" | 60" | 62.0 | 62.0 | 90.0 | 90.0 | 90.0 | 120.0 |
| 30" | | 62.0 | 62.0 | 76.8 | 76.8 | 90.0 | 120.0 |
| 36" | | 62.0 | 62.0 | 68.6 | 68.6 | 90.0 | 120.0 |
| 42" | | 54.6 | 54.6 | 63.3 | 63.3 | 90.0 | 120.0 |
| 48" | | - | - | 60.0 | 60.0 | 90.0 | 120.0 |
| 54" | | - | - | 58.2 | 58.2 | 88.5 | 114.6 |
| 24" | 72" | 62.0 | 62.0 | 86.4 | 86.4 | 90.0 | 120.0 |
| 30" | | 62.0 | 62.0 | 72.8 | 72.8 | 90.0 | 120.0 |
| 36" | | 62.0 | 62.0 | 64.0 | 64.0 | 90.0 | 120.0 |
| 42" | | - | - | 58.1 | 58.1 | 90.0 | 120.0 |
| 48" | | - | - | 54.0 | 54.0 | 70.0 | 76.4 |
| 54" | | - | - | 51.2 | 51.2 | 70.0 | 75.2 |
| 24" | 84" | 62.0 | 62.0 | 84.0 | 84.0 | 90.0 | 120.0 |
| 30" | | 62.0 | 62.0 | 70.1 | 70.1 | 90.0 | 120.0 |
| 36" | | - | - | 61.1 | 61.1 | 90.0 | 120.0 |
| 42" | | - | - | 54.9 | 54.9 | 70.0 | 76.4 |
| 48" | | - | - | 50.4 | 50.4 | 70.0 | 76.4 |
| 54" | | - | - | 51.2 | 51.2 | 70.0 | 75.2 |
| 24" | 96" | 62.0 | 62.0 | 82.3 | 82.3 | 90.0 | 120.0 |
| 30" | | - | - | 68.3 | 68.3 | 90.0 | 120.0 |
| 36" | | - | - | 59.1 | 59.1 | 70.0 | 76.4 |
| 42" | | - | - | 52.7 | 52.7 | 70.0 | 76.4 |

| DESIGN LOAD CAPACITY - PSF | | | | | | | |
|----------------------------|---------|-------------------|---------|-------------|---------|-------------|---------|
| WINDOW DIMS. | | SERIES 3040 | | SERIES 3062 | | | |
| | | ANCHORS 'A' & 'B' | | ANCHORS 'A' | | ANCHORS 'B' | |
| WIDTH | LENGTH | EXT.(+) | INT.(-) | EXT.(+) | INT.(-) | EXT.(+) | INT.(-) |
| 19-1/8" | 26" | 62.0 | 62.0 | 90.0 | 120.0 | 90.0 | 120.0 |
| 26-1/2" | | 62.0 | 62.0 | 90.0 | 120.0 | 90.0 | 120.0 |
| 37" | | 62.0 | 62.0 | 90.0 | 120.0 | 90.0 | 120.0 |
| 48" | | 62.0 | 62.0 | 90.0 | 120.0 | 90.0 | 120.0 |
| 53-1/8" | | 62.0 | 62.0 | 90.0 | 91.1 | 90.0 | 120.0 |
| 62.0 | | 62.0 | 90.0 | 99.4 | 90.0 | 120.0 | |
| 19-1/8" | 38-3/8" | 62.0 | 62.0 | 90.0 | 120.0 | 90.0 | 120.0 |
| 26-1/2" | | 62.0 | 62.0 | 90.0 | 120.0 | 90.0 | 120.0 |
| 37" | | 62.0 | 62.0 | 90.0 | 112.8 | 90.0 | 120.0 |
| 48" | | 59.8 | 59.8 | 75.0 | 75.0 | 90.0 | 120.0 |
| 53-1/8" | | 59.8 | 59.8 | 79.6 | 79.6 | 90.0 | 120.0 |
| 62.0 | | 62.0 | 90.0 | 104.7 | 90.0 | 120.0 | |
| 19-1/8" | 50-5/8" | 62.0 | 62.0 | 90.0 | 120.0 | 90.0 | 120.0 |
| 26-1/2" | | 62.0 | 62.0 | 87.2 | 87.2 | 90.0 | 120.0 |
| 37" | | 62.0 | 62.0 | 87.2 | 87.2 | 90.0 | 120.0 |
| 48" | | 47.8 | 47.8 | 81.1 | 81.1 | 90.0 | 120.0 |
| 53-1/8" | | 45.3 | 45.3 | 73.6 | 73.6 | 90.0 | 120.0 |
| 62.0 | | 62.0 | 90.0 | 104.7 | 90.0 | 120.0 | |
| 19-1/8" | 63" | 62.0 | 62.0 | 90.0 | 120.0 | 90.0 | 120.0 |
| 26-1/2" | | 62.0 | 62.0 | 90.0 | 94.4 | 90.0 | 120.0 |
| 37" | | 62.0 | 62.0 | 75.6 | 75.6 | 90.0 | 120.0 |
| 48" | | - | - | 66.5 | 66.5 | 90.0 | 120.0 |
| 53-1/8" | | - | - | 64.3 | 64.3 | 90.0 | 111.4 |
| 62.0 | | 62.0 | 90.0 | 114.2 | 90.0 | 120.0 | |
| 19-1/8" | 76" | 62.0 | 62.0 | 90.0 | 120.0 | 90.0 | 120.0 |
| 26-1/2" | | 62.0 | 62.0 | 87.3 | 87.3 | 90.0 | 120.0 |
| 37" | | 62.0 | 62.0 | 68.2 | 68.2 | 90.0 | 120.0 |
| 48" | | - | - | 58.2 | 58.2 | 70.0 | 76.4 |
| 53-1/8" | | - | - | 55.3 | 55.3 | 70.0 | 76.4 |
| 62.0 | | 62.0 | 90.0 | 114.2 | 90.0 | 120.0 | |

NOTE:
GLASS MEETS LIMITATIONS OF
A: ASTM E1300-98 (60 SEC. WIND)
B: ASTM E1300-02 (3 SEC. GUSTS)



TYPICAL ELEVATION
TESTED UNIT



GLAZING OPTIONS

ALUMINUM FIXED WINDOW (L.M.I.)

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

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

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

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.

A 33% INCREASE IN ALLOWABLE STRESS IS USED IN DESIGN OF WOOD ANCHORS ONLY.

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

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

JUN 23 2009

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 05-0706.05
Expiration Date AUG 26, 2009

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

ALUMINUM FIXED WINDOW (L.M.I.)
INNOVATIVE WINDOW CONCEPTS
505 INDUSTRIAL WAY
BOYNTON BEACH, FL. 33426
TEL. (561) 493-2303 FAX. (561) 493-2302

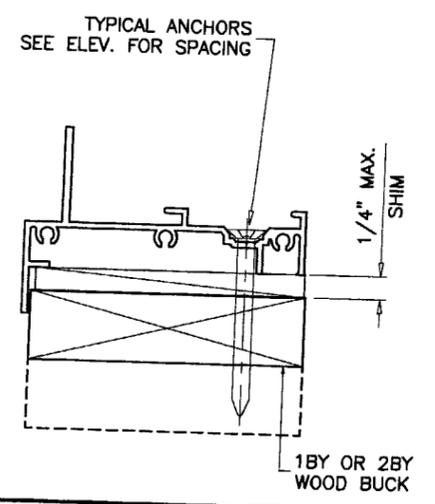
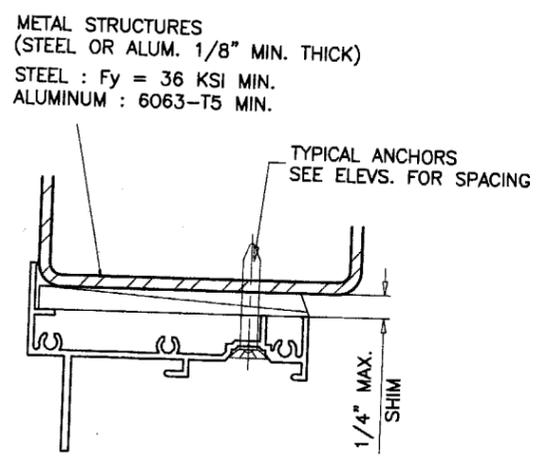
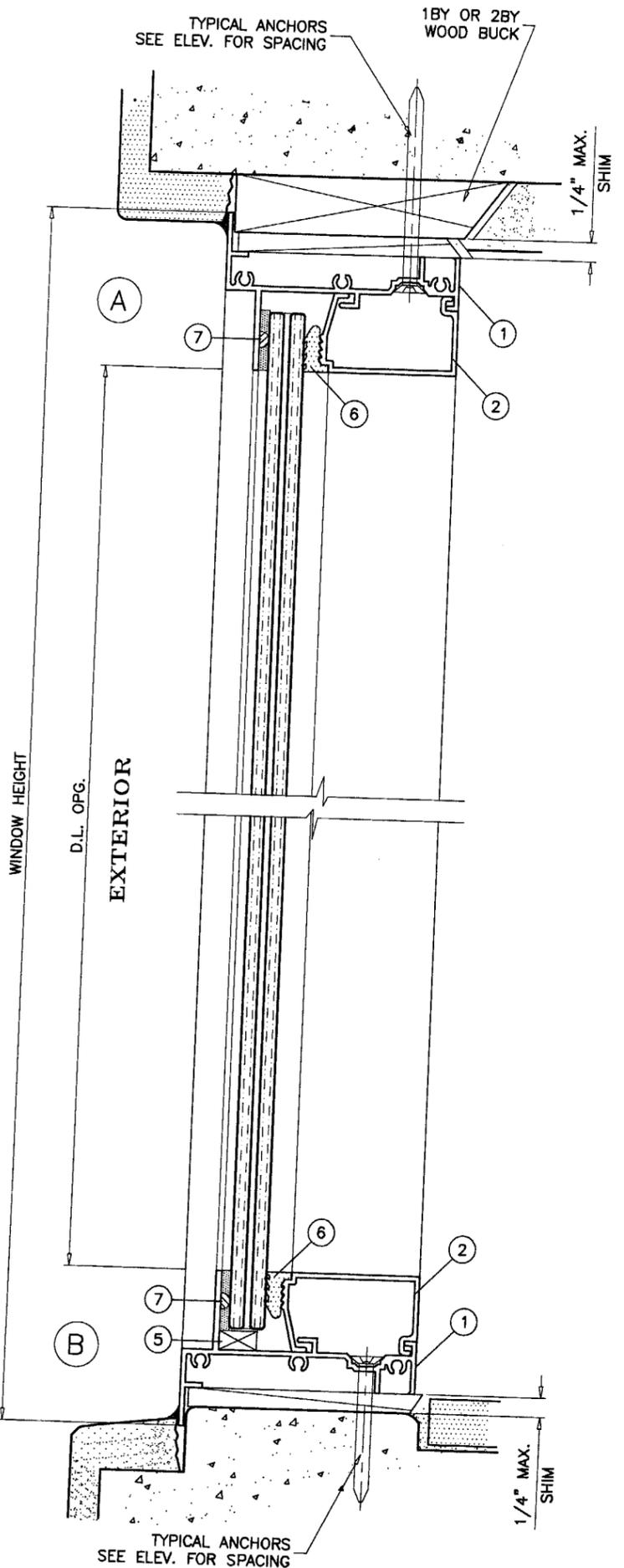
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| A | 05.21.05 | LOAD CAPACITY CHART REV. |

revisions:
date: 01-14-04
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W04-04

sheet 1 of 3

COMP-ANL\W04-04IWS



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

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

**ANCHORS
TYPE 'A'**

- 3/16" TAPCONS**
INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
1-3/8" MIN. PENETRATION INTO WOOD
THRU 1BY BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY
- 3/16" TEKS OR SELF DRILLING SCREWS**
INTO METAL STRUCTURES (1/8" MIN. THICKNESS)
(1/4" MAX. SHIM SPACE)
- #10 SMS OR SELF DRILLING SCREWS**
INTO DADE COUNTY APPROVED MULLIONS
(NO SHIM SPACE)

**ANCHORS
TYPE 'B'**

- 1/4" TAPCONS**
INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
1-3/8" MIN. PENETRATION INTO WOOD
THRU 1BY BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY
- 1/4" TEKS OR SELF DRILLING SCREWS**
INTO METAL STRUCTURES (1/8" MIN. THICKNESS)
(1/4" MAX. SHIM SPACE)
- #14 SMS OR SELF DRILLING SCREWS**
INTO DADE COUNTY APPROVED MULLIONS
(NO SHIM SPACE)

SEALANT:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SCHNEE MOREHEAD SEAM SEALER SM5504.

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538
JUN 23 2009

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afsc

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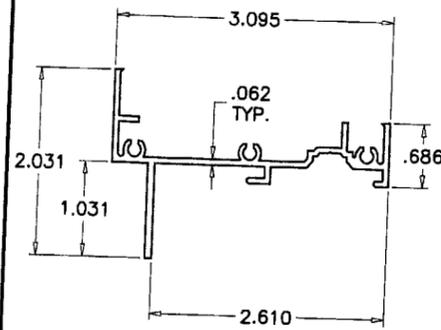
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revisions:

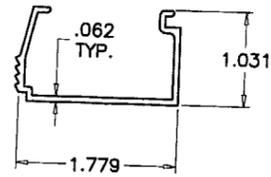
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scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W04-04

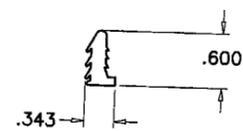
sheet 2 of 3



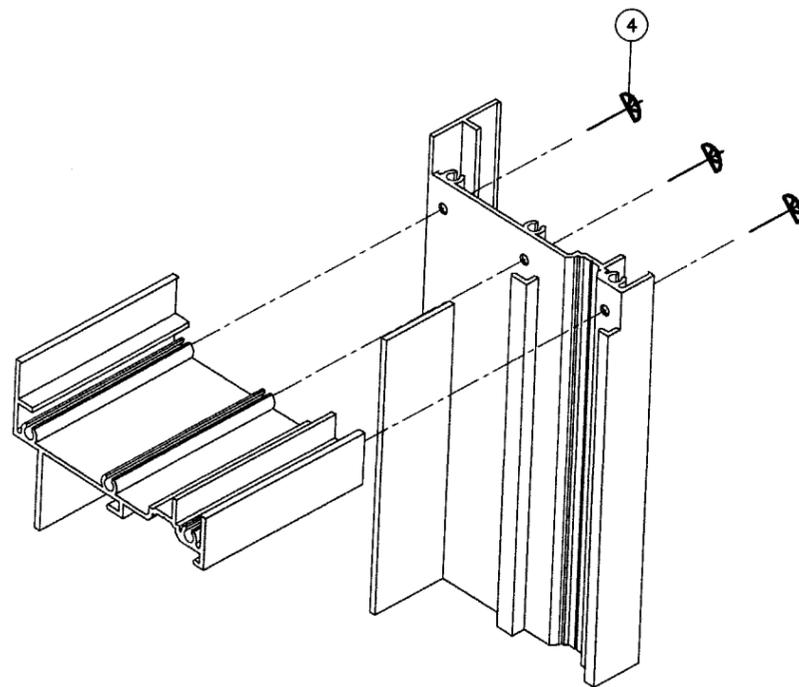
FRAME



GLAZING STOP

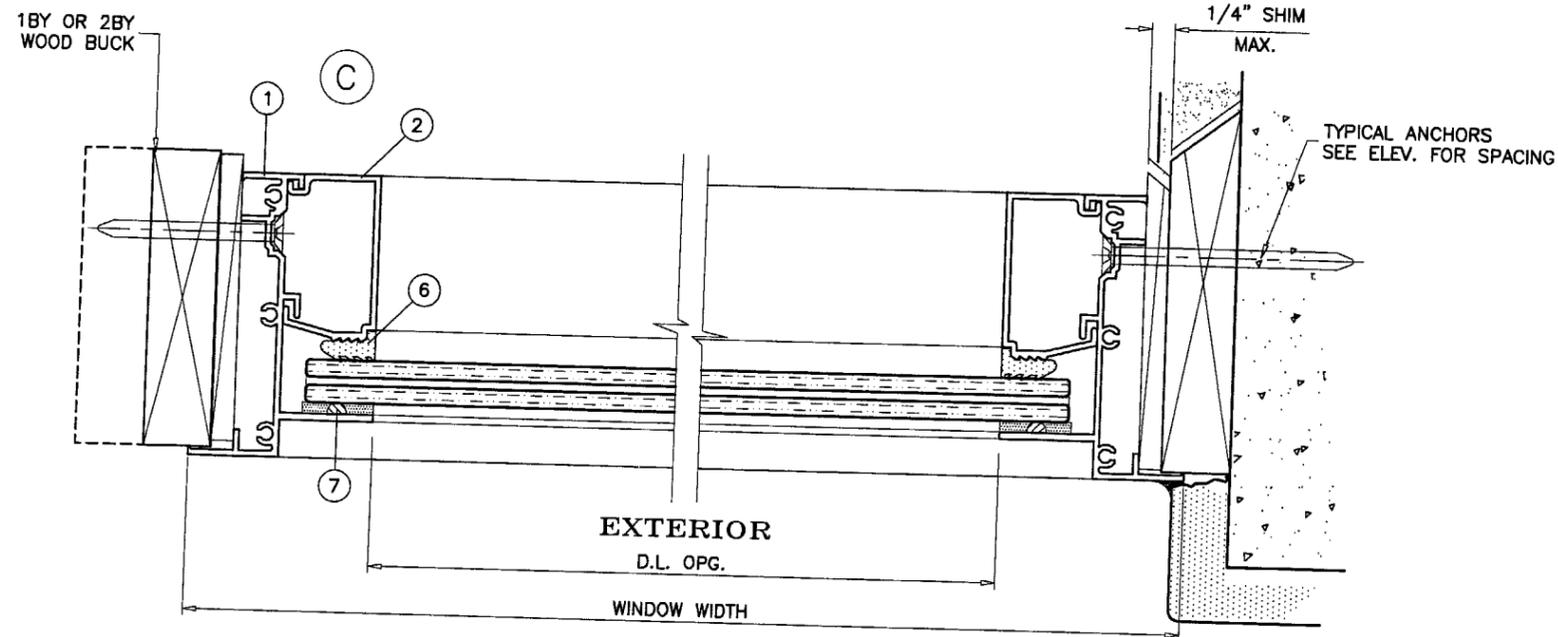


WEDGE GASKET



FRAME CORNERS

| ITEM | PART # | QUANTITY | DESCRIPTION | MATERIAL | MANF./SUPPLIER/REMARKS |
|------|---------|-----------|--------------------------------------|--------------|------------------------|
| 1 | 021-024 | 4 | WINDOW FRAME | 6063-T5 | - |
| 2 | 021-020 | 4 | GLAZING STOP | 6063-T5 | - |
| 3 | - | - | - | - | - |
| 4 | #8 X 1" | 2/ CORNER | ASSEMBLY SCREWS | CRS | PH SMS |
| 5 | - | 2/ LITE | SETTING BLOCK, 1/2" X 1/4" X 1" LONG | NEOPRENE | FRANK LOWE |
| 6 | 015-007 | AS REQD. | GLAZING GASKET | RIGID VINYL | MASTER TOOL |
| 7 | 015-006 | AS REQD. | .105 SPACER | POLYURETHANE | FRANK LOWE |

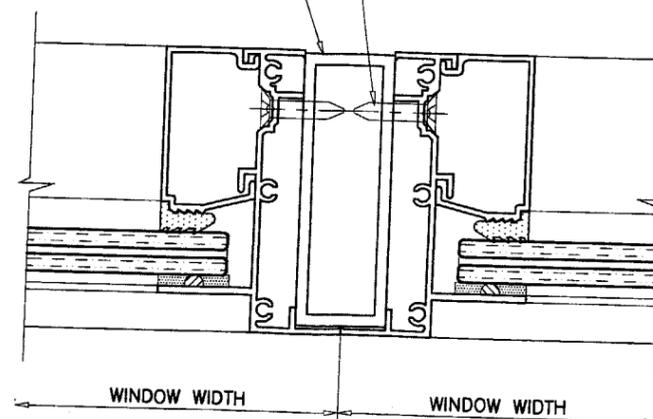


EXTERIOR
D.L. OPG.

WINDOW WIDTH

MIAMI-DADE COUNTY
APPR'D MULLION
SEE SEPARATE NOA

TYPICAL ANCHORS
SEE ELEV. FOR SPACING



WINDOW WIDTH

WINDOW WIDTH

Engr. DR. HUMAYOON FAROOQ
STRUCTURES
FLA. PE # 16557
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JUN 23 2009

PRODUCT REMISSIO
as complying with Florida
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| no | date | by | description |
|----|----------|----|----------------------|
| A | 05.21.05 | | NO CHANGE THIS SHEET |

date: 01-14-04
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W04-04
sheet 3 of 3