



**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)

TRACO Windows & Doors, Inc.
71 Progress Avenue
Cranberry Township, PA 16066

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 2100 Aluminum Fixed Window – None Impact

APPROVAL DOCUMENT: Drawing No. **04-113-0003**, titled “Series 2100 Aluminum Fixed Window Non-Impact Resistant”, sheets 1 through 3 of 3, dated 05/03/04 with revision “4” dated 12/09/05, prepared by Frank L. Bennardo, P.E., Inc. Consulting Engineers, signed and sealed by Frank L. Bennardo, 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: 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 revises NOA # **04-0819.01** 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 **Herminio F. Gonzalez, P.E., Director, BCCO**



NOA No 05-0812.03
Expiration Date: April 25, 2007
Approval Date: February 02, 2006
Page 1

TRACO Windows & Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **04-113-0003**, Sheets 1 through 3 of 3, titled "Series 2100 Aluminum Fixed Window Non-Impact Resistant", dated 05/03/04 with revision "4" dated 12/09/05, prepared by Frank L. Bennardo, P.E. Consulting Engineers, signed and sealed by Frank L. Bennardo, P.E.

B. TESTS

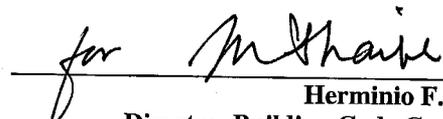
1. Test report on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
along with installation diagram of a series "2100 Aluminum Fixed Window" aluminum fixed picture window prepared by Fenestration Testing Laboratory, Inc., report No. **FTL-1298**, File No. 95-128, dated September 26, 1995, signed and sealed by Jamil Kuri, P.E. **"Submitted under NOA # 04-0819.01"**
2. Test report on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
along with installation diagram of a series "2100 Aluminum Fixed Window" aluminum fixed picture window prepared by Fenestration Testing Laboratory, Inc., report No. **FTL-1228**, File No. 95-128, dated September 27, 1995, signed and sealed by Jamil Kuri, P.E. **"Submitted under NOA # 04-0819.01"**
3. Test report on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
along with installation diagram of a series "2100 Aluminum Fixed Window" aluminum fixed picture window prepared by Farabaugh Engineering and Testing, Inc., report No. **FET-04004**, dated March 10, 2004, signed and sealed by Daniel G. Farabaugh, P.E. **"Submitted under NOA # 04-0819.01"**

C. CALCULATIONS

1. Revised Anchor Calculations, and structural analysis, prepared by Frank L. Bennardo, P.E. Consulting Engineers, dated 07/13/05, signed and sealed by Frank L. Bennardo, P.E. **Complies with ASTM E1300-02**

D. QUALITY ASSURANCE

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



Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office
NOA No 05-0812.03
Expiration Date: April 25, 2007
Approval Date: February 02, 2006

TRACO Windows & Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

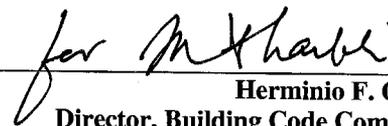
1. None

F. STATEMENTS

1. Letter from Traco/Security Aluminum Windows, dated March 25, 1999, stating that the product has not changed since it was originally approved, and that the engineer of the product is still in the engineering business, signed by Javier Garcia.
"Submitted under NOA # 04-0819.01"
2. Letter of Compliance from Al-Farooq Corp., dated March 23, 1999, signed and sealed by Humayoun Farooq, P.E.
"Submitted under NOA # 04-0819.01"
3. Statement letter of no financial interest, dated 07/13/05, signed and sealed by Frank L. Bennardo, P.E.

G. OTHER

1. Notice of Acceptance No. **04-0819.01**, issued to TRACO Windows & Doors for their "Series 2100 Aluminum Fixed Window Non-Impact Resistant", approved on 08/20/04 and expiring on 04/25/07.
2. Letter from the consultant, dated January 06, 2005, stating that the product is in compliance with the Florida Building Code (FBC).



Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office

NOA No 05-0812.03

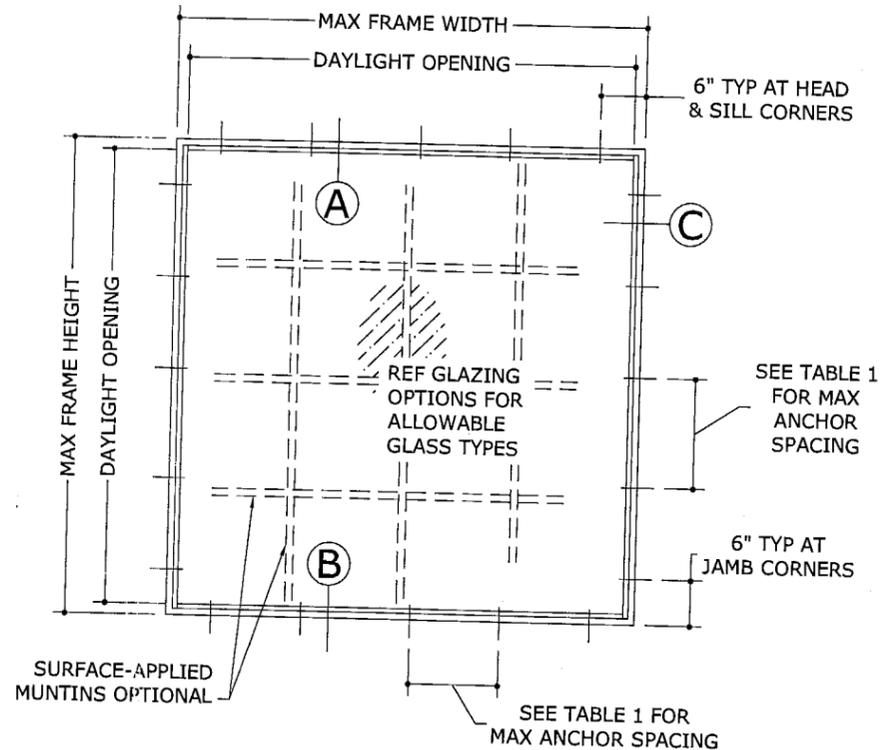
Expiration Date: April 25, 2007

Approval Date: February 02, 2006

TABLE ① DESIGN LOAD CAPACITY (PSF)

| WINDOW WIDTH (in) | WINDOW HEIGHT (in) | MAX ANCHOR SPACING | | 3/16" ANNEALED | | 3/16" TEMPERED | | 1/2" INSUL. ANNEALED | | 1/2" INSUL. TEMPERED | |
|-------------------|--------------------|--------------------|------------|----------------|-----------|----------------|-----------|----------------------|-----------|----------------------|-----------|
| | | HEAD/SILL (in) | JAMBS (in) | POS (psf) | NEG (psf) | POS (psf) | NEG (psf) | POS (psf) | NEG (psf) | POS (psf) | NEG (psf) |
| 19.13 | 26.00 | 7.13 | 7.00 | 60.0 | 99.2 | 70.0 | 180.6 | 60.0 | 99.2 | 70.0 | 171.1 |
| 26.50 | | 7.25 | 7.00 | 60.0 | 90.6 | 70.0 | 164.8 | 60.0 | 90.6 | 70.0 | 156.2 |
| 37.00 | | 8.33 | 7.00 | 60.0 | 71.2 | 70.0 | 129.4 | 60.0 | 71.2 | 70.0 | 122.7 |
| 53.13 | | 10.28 | 7.00 | 60.0 | 61.1 | 70.0 | 111.2 | 60.0 | 61.1 | 70.0 | 105.4 |
| 19.13 | 38.375 | 7.13 | 8.79 | 60.0 | 83.6 | 70.0 | 152.0 | 60.0 | 83.6 | 70.0 | 144.1 |
| 26.50 | | 7.25 | 8.79 | 60.0 | 69.2 | 70.0 | 125.8 | 60.0 | 69.2 | 70.0 | 119.3 |
| 37.00 | | 8.33 | 8.79 | 60.0 | 62.6 | 70.0 | 113.9 | 60.0 | 62.6 | 70.0 | 108.0 |
| 53.13 | | 10.28 | 8.79 | 48.9 | 48.9 | 70.0 | 89.1 | 48.9 | 48.9 | 70.0 | 84.4 |
| 19.13 | 50.625 | 7.13 | 9.65 | 60.0 | 77.4 | 70.0 | 140.7 | 60.0 | 77.4 | 70.0 | 133.4 |
| 26.50 | | 7.25 | 9.65 | 60.0 | 61.3 | 70.0 | 111.6 | 60.0 | 61.3 | 70.0 | 105.8 |
| 37.00 | | 8.33 | 9.65 | 51.1 | 51.1 | 70.0 | 93.0 | 51.1 | 51.1 | 70.0 | 88.1 |
| 53.13 | | 10.28 | 9.65 | 45.3 | 45.3 | 70.0 | 82.4 | 45.3 | 45.3 | 70.0 | 78.1 |
| 19.13 | 57.00 | 7.13 | 11.25 | 60.0 | 75.4 | 70.0 | 128.6 | 60.0 | 75.4 | 70.0 | 128.6 |
| 26.50 | | 7.25 | 11.25 | 59.0 | 59.0 | 70.0 | 100.6 | 59.0 | 59.0 | 70.0 | 100.6 |
| 37.00 | | 8.33 | 11.25 | 48.0 | 48.0 | 70.0 | 81.9 | 48.0 | 48.0 | 70.0 | 81.9 |
| 53.13 | | 10.28 | 11.25 | 42.3 | 42.3 | 70.0 | 72.1 | 42.3 | 42.3 | 70.0 | 72.1 |
| 19.13 | 63.00 | 7.13 | 10.20 | 60.0 | 74.0 | 70.0 | 134.6 | 60.0 | 74.0 | 70.0 | 127.6 |
| 26.50 | | 7.25 | 10.20 | 57.3 | 57.3 | 70.0 | 104.3 | 55.0 | 55.0 | 70.0 | 98.9 |
| 37.00 | | 8.33 | 10.20 | 45.9 | 45.9 | 70.0 | 83.5 | 45.9 | 45.9 | 70.0 | 79.2 |
| 53.13 | | 10.28 | 10.20 | 39.1 | 39.1 | 70.0 | 71.1 | 39.1 | 39.1 | 67.3 | 67.3 |
| 19.13 | 74.25 | 7.13 | 10.37 | 60.0 | 72.0 | 70.0 | 131.0 | 60.0 | 72.0 | 70.0 | 124.2 |
| 26.50 | | 7.25 | 10.37 | 54.5 | 54.5 | 70.0 | 100.3 | 45.5 | 45.5 | 70.0 | 95.1 |
| 37.00 | | 8.33 | 10.37 | 37.9 | 37.9 | 70.0 | 78.6 | 43.2 | 43.2 | 70.0 | 74.5 |
| 53.13 | | 10.28 | 10.37 | 34.8 | 34.8 | 64.0 | 64.0 | 34.5 | 34.5 | 60.7 | 60.7 |
| 24.00 | 24.00 | 12.00 | 12.00 | 60.0 | 100.0 | 70.0 | 181.9 | 60.0 | 100.0 | 70.0 | 172.4 |
| 36.00 | | 12.00 | 12.00 | 60.0 | 75.0 | 70.0 | 121.5 | 60.0 | 75.0 | 70.0 | 121.5 |
| 48.00 | | 12.00 | 12.00 | 60.0 | 66.7 | 70.0 | 108.0 | 60.0 | 66.7 | 70.0 | 108.0 |
| 60.00 | | 12.00 | 12.00 | 60.0 | 62.5 | 70.0 | 101.3 | 60.0 | 62.5 | 70.0 | 101.3 |
| 72.00 | 12.00 | 12.00 | 60.0 | 60.0 | 70.0 | 97.2 | 52.4 | 52.4 | 70.0 | 97.2 | |
| 24.00 | 36.00 | 12.00 | 12.00 | 60.0 | 75.0 | 70.0 | 121.5 | 60.0 | 75.0 | 70.0 | 121.5 |
| 36.00 | | 12.00 | 12.00 | 60.0 | 65.6 | 70.0 | 108.0 | 60.0 | 66.7 | 70.0 | 108.0 |
| 48.00 | | 12.00 | 12.00 | 53.3 | 53.3 | 70.0 | 86.4 | 53.3 | 53.3 | 70.0 | 86.4 |
| 60.00 | | 12.00 | 12.00 | 47.6 | 47.6 | 70.0 | 77.1 | 47.6 | 47.6 | 70.0 | 77.1 |
| 72.00 | 12.00 | 12.00 | 39.4 | 39.4 | 70.0 | 72.0 | 44.4 | 44.4 | 70.0 | 72.0 | |
| 24.00 | 48.00 | 12.00 | 12.00 | 60.0 | 66.7 | 70.0 | 108.0 | 60.0 | 66.7 | 70.0 | 108.0 |
| 36.00 | | 12.00 | 12.00 | 53.3 | 53.3 | 70.0 | 86.4 | 53.3 | 53.3 | 70.0 | 86.4 |
| 48.00 | | 12.00 | 12.00 | 50.0 | 50.0 | 70.0 | 81.0 | 50.0 | 50.0 | 70.0 | 81.0 |
| 60.00 | | 12.00 | 12.00 | 41.7 | 41.7 | 67.5 | 67.5 | 41.7 | 41.7 | 67.5 | 67.5 |
| 72.00 | 12.00 | 12.00 | 37.5 | 37.5 | 60.8 | 60.8 | 37.5 | 37.5 | 60.8 | 60.8 | |
| 24.00 | 60.00 | 12.00 | 12.00 | 60.0 | 62.5 | 70.0 | 101.3 | 60.0 | 62.5 | 70.0 | 101.3 |
| 36.00 | | 12.00 | 12.00 | 47.6 | 47.6 | 70.0 | 77.1 | 47.6 | 47.6 | 70.0 | 77.1 |
| 48.00 | | 12.00 | 12.00 | 41.7 | 41.7 | 67.5 | 67.5 | 41.7 | 41.7 | 67.5 | 67.5 |
| 60.00 | | 12.00 | 12.00 | 38.5 | 38.5 | 64.8 | 64.8 | 36.8 | 36.8 | 64.8 | 64.8 |
| 72.00 | 12.00 | 12.00 | 32.2 | 32.2 | 55.5 | 55.5 | 31.0 | 31.0 | 55.5 | 55.5 | |
| 24.00 | 72.00 | 12.00 | 12.00 | 60.0 | 60.0 | 70.0 | 97.2 | 52.4 | 52.4 | 70.0 | 97.2 |
| 36.00 | | 12.00 | 12.00 | 39.4 | 39.4 | 70.0 | 72.0 | 44.4 | 44.4 | 70.0 | 72.0 |
| 48.00 | | 12.00 | 12.00 | 37.5 | 37.5 | 60.8 | 60.8 | 37.5 | 37.5 | 60.8 | 60.8 |
| 60.00 | | 12.00 | 12.00 | 32.2 | 32.2 | 55.5 | 55.5 | 31.0 | 31.0 | 55.5 | 55.5 |
| 72.00 | 12.00 | 12.00 | 27.5 | 27.5 | 54.0 | 54.0 | 26.1 | 26.1 | 54.0 | 54.0 | |
| 24.00 | 84.00 | 12.00 | 12.00 | 58.3 | 58.3 | 70.0 | 94.5 | 47.8 | 47.8 | 70.0 | 94.5 |
| 36.00 | | 12.00 | 12.00 | 32.2 | 32.2 | 68.7 | 68.7 | 37.1 | 37.1 | 68.7 | 68.7 |
| 48.00 | | 12.00 | 12.00 | 31.0 | 31.0 | 56.7 | 56.7 | 34.0 | 34.0 | 56.7 | 56.7 |
| 60.00 | | 12.00 | 12.00 | 28.1 | 28.1 | 50.4 | 50.4 | 27.1 | 27.1 | 50.4 | 50.4 |
| 72.00 | 12.00 | 12.00 | 24.0 | 24.0 | 47.3 | 47.3 | 22.9 | 22.9 | 47.3 | 47.3 | |
| 24.00 | 96.00 | 12.00 | 12.00 | 57.1 | 57.1 | 70.0 | 92.6 | 45.5 | 45.5 | 70.0 | 92.6 |
| 36.00 | | 12.00 | 12.00 | 28.3 | 28.3 | 66.5 | 66.5 | 30.5 | 30.5 | 66.5 | 66.5 |
| 48.00 | | 12.00 | 12.00 | 25.8 | 25.8 | 54.0 | 54.0 | 29.9 | 29.9 | 54.0 | 54.0 |
| 60.00 | | 12.00 | 12.00 | 24.7 | 24.7 | 47.1 | 47.1 | 24.5 | 24.5 | 47.1 | 47.1 |
| 72.00 | 12.00 | 12.00 | 21.2 | 21.2 | 43.2 | 43.2 | 20.0 | 20.0 | 43.2 | 43.2 | |

SERIES 2100 FIXED WINDOW (NON-IMPACT RESISTANT)



① TYPICAL EXTERIOR ELEVATION
1 3/4" = 1'-0"

GENERAL NOTES:

- 1) THE SYSTEM DESCRIBED HEREIN HAS BEEN DESIGNED AND TESTED IN COMPLIANCE WITH THE FLORIDA BUILDING CODE 2004 (HIGH VELOCITY HURRICANE ZONE) AND HVHZ TEST PROTOCOL TAS 202.
- 2) NO 33-1/3% INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS SYSTEM. WIND LOAD DURATION FACTOR Cd=1.6 HAS BEEN USED FOR WOOD ANCHOR DESIGN.
- 3) POSITIVE AND NEGATIVE DESIGN PRESSURES CALCULATED FOR USE WITH THIS SYSTEM SHALL BE DETERMINED BY OTHERS ON A JOB-SPECIFIC BASIS IN ACCORDANCE WITH THE GOVERNING CODE.
- 4) MULTIPLE WINDOW UNITS MUST BE INSTALLED USING MIAMI-DADE COUNTY BCCO-APPROVED STRUCTURAL MULLIONS (e.g. NOA #01-1218.01 OR #01-1218.02).
- 5) THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT.
- 6) PERMIT HOLDER SHALL VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND SUPERIMPOSED LOADS.
- 7) ALL WINDOWS SHALL BE PROTECTED WITH MIAMI-DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS FOR ALL INSTALLATIONS.
- 8) ALL STEEL IN CONTACT WITH ALUMINUM SHALL BE PAINTED OR PLATED IN ACCORDANCE WITH THE 2004 FLORIDA BUILDING CODE.

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Approval No 05-0812.03
 Expiration Date 04/25/07
 M. H. Hark
 Miami South Product Control
 Division

FRANK L. BENNARDO, P.E.
 # PE0045549

12/09/2005

FRANK L. BENNARDO, P.E., INC.
 CONSULTING ENGINEERS
 4441 NORTH DIXIE HIGHWAY
 BOCA RATON, FL 33431
 (561) 391-2888 FAX: (561) 391-2862
 WWW.FLBENGINEERING.COM

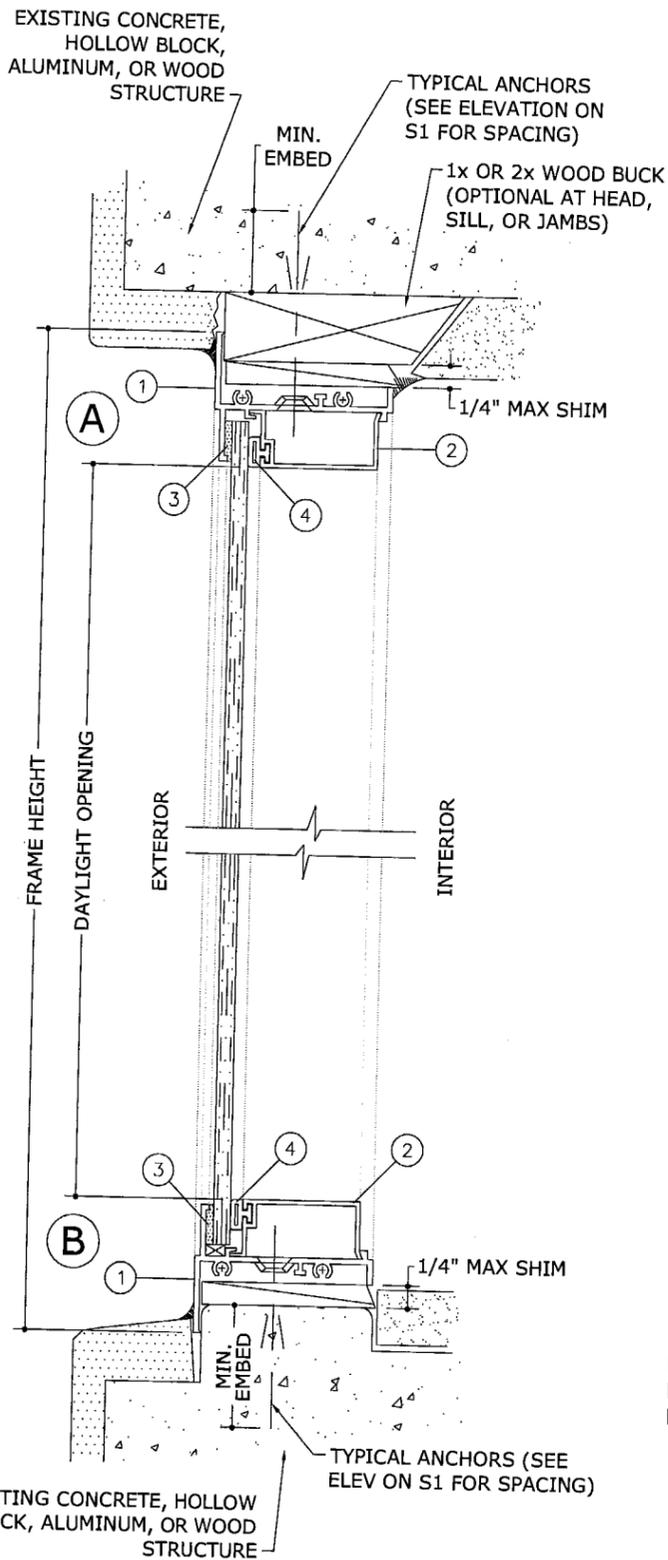
TRACO
 Windows & Doors Inc.
 71 Progress Avenue
 Cranberry Township, PA 16166
 Tel: (724) 776-7000

SERIES 2100 ALUMINUM FIXED WINDOW
 NON-IMPACT RESISTANT

| REMARKS | CHKD | DATE |
|--------------------------|------|----------|
| INIT ISSUE | CL | 5/3/04 |
| COUNTY COMMENTS | CL | 6/11/04 |
| 2004-FBC | CL | 7/13/05 |
| COUNTY COMMENTS | CL | 10/11/05 |
| MAX ANCHOR SPCG IN TABLE | CL | 12/9/05 |

04-113-0003

PAGE SCALE:
 DESCRIPTION:



1
2 SINGLE GLAZED VERTICAL SECTION
6" = 1'-0"

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

TYPICAL ANCHORS:

- 1) 3/16" TAPCONS (BY ELCO OR ITW) OR EQUIV CONC ANCHOR HOLDING CURRENT NOTICE OF ACCEPTANCE.
 - INTO 2x WOOD BUCKS OR WOOD STRUCTURE (1-3/8" MIN PENETRATION INTO WOOD).
 - THRU 1x WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY (1-1/4" MIN EMBED INTO CONCRETE OR MASONRY).
- 2) #10 THREAD-FORMING SAE GRADE 5 SCREW TO 6063-T5 OR 6063-T6 ALUMINUM (1/8" MIN THICKNESS).

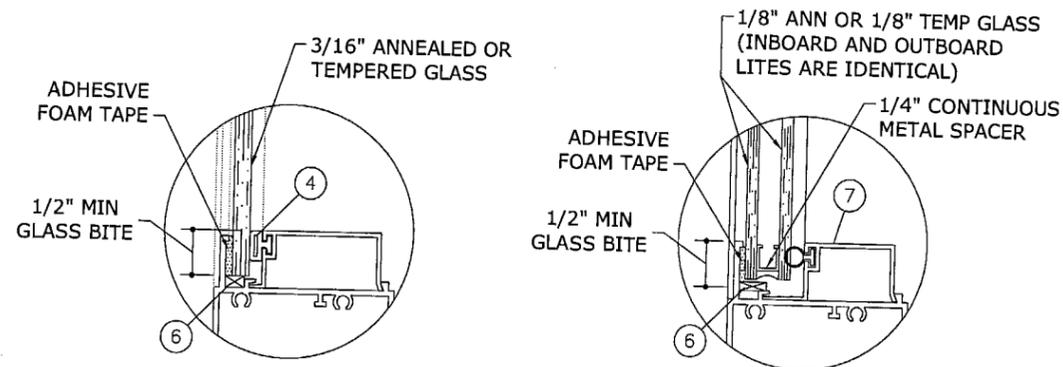
SEALANT:

ALL FRAME AND VENT CORNERS, AND HEADS OF INSTALLATION SCREWS AT SILL TO BE SEALED WITH WHITE/ALUM COLORED SEALANT, FIXED MEETING RAIL AT ENDS SEALED WITH GE SILICONE.

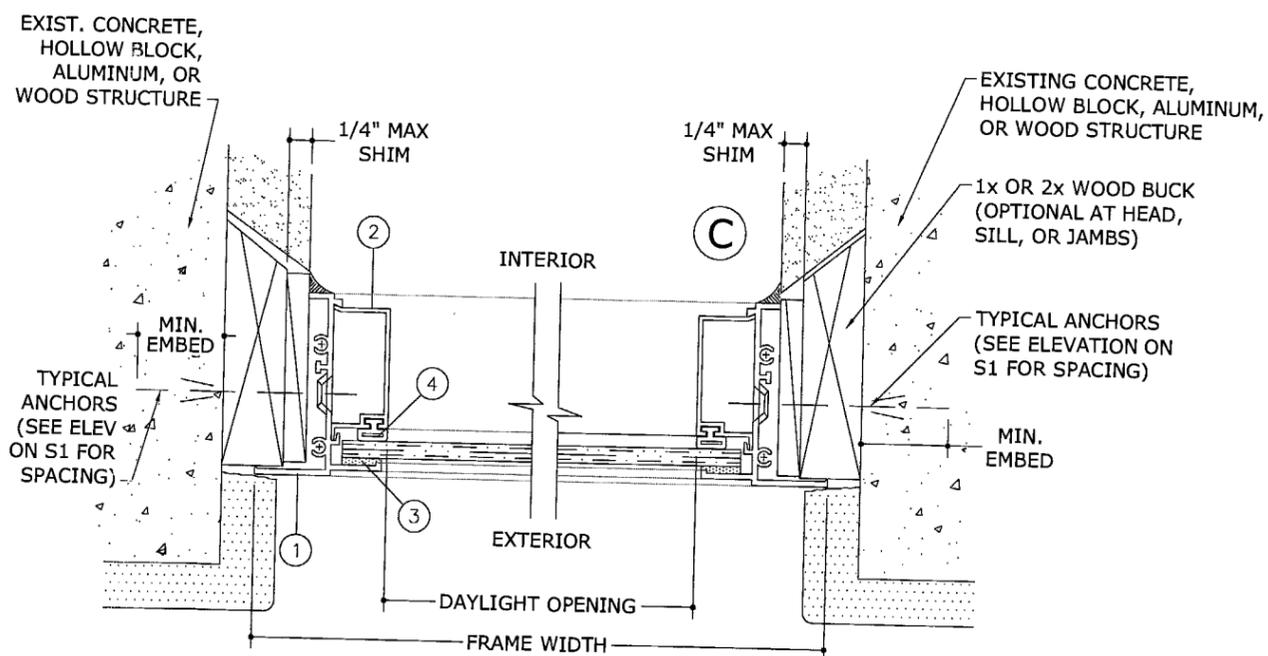
ANCHOR NOTES:

- 1) ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.
- 2) WOOD BUCKS (NOT BY THIS MANUFACTURER) SHALL BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE EXISTING STRUCTURE.
- 3) WOOD BUCKS AND/OR HOST STRUCTURE SHALL BE "SOUTHERN PINE" G=0.55 OR GREATER DENSITY.
- 4) ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN HEREIN. MINIMUM EDGE DISTANCE AND EMBEDMENT TO BASE STRUCTURE EXCLUDES STUCCO, FOAM, BRICK, AND OTHER WALL FINISHES.
- 5) WHERE EXISTING STRUCTURE IS WOOD FRAMING, EXISTING CONDITIONS MAY VARY. FIELD VERIFY THAT FASTENERS ARE INTO ADEQUATE WOOD FRAMING MEMBERS.

| MATERIALS LIST | | | | | |
|----------------|-------------|-----------|---------------------------|-------------|---------------------|
| ITEM NO. | PART NUMBER | QUANTITY | DESCRIPTION | MATERIAL | MFR/SUPLIER/REMARKS |
| 1 | 050-00-015 | 4/ WINDOW | FRAME | ALUMINUM | 6063-T5 |
| 2 | 050-00-032 | 4/ WINDOW | GLAZING BEAD (SINGLE) | ALUMINUM | 6063-T5 |
| 3 | 026-16-010 | AS REQD. | 3/16" X 1/2" GLAZING TAPE | BUTYL | - |
| 4 | 046-16-010 | - | BULB VINYL | VINYL | - |
| 5 | 012-02-835 | 2/ CORNER | #8x1" PPH METAL SCREWS | S.S. | ASSEMBLY SCREWS |
| 6 | 046-16-107 | AS REQD. | SETTING BLOCK, 1" LONG | RIGID VINYL | - |
| 7 | 050-00-062 | 4/ WINDOW | GLAZING BEAD (INSUL.) | ALUMINUM | 6063-T5 |



3
2 GLAZING DETAILS
6" = 1'-0"



2
2 SINGLE GLAZED HORIZONTAL SECTION
6" = 1'-0"

PRODUCT REVISED
in compliance with the Florida Building Code
Acceptance No. 05-0812.03
Expiration Date 04/25/07
By *[Signature]*
Missed Date Product Control Division

FRANK L. BENNARDO, P.E.
PE0046549

12/09/2005

FRANK L. BENNARDO, P.E., INC.
CONSULTING ENGINEERS
4441 NORTH DIXIE HIGHWAY
BOCA RATON, FL 33431
(561) 391-2888 FAX: (561) 391-2862
WWW.FLBENGINEERING.COM

TRACO
Windows & Doors Inc.
71 Progress Avenue
Cranberry Township, PA 16166
Tel: (724) 776-7000

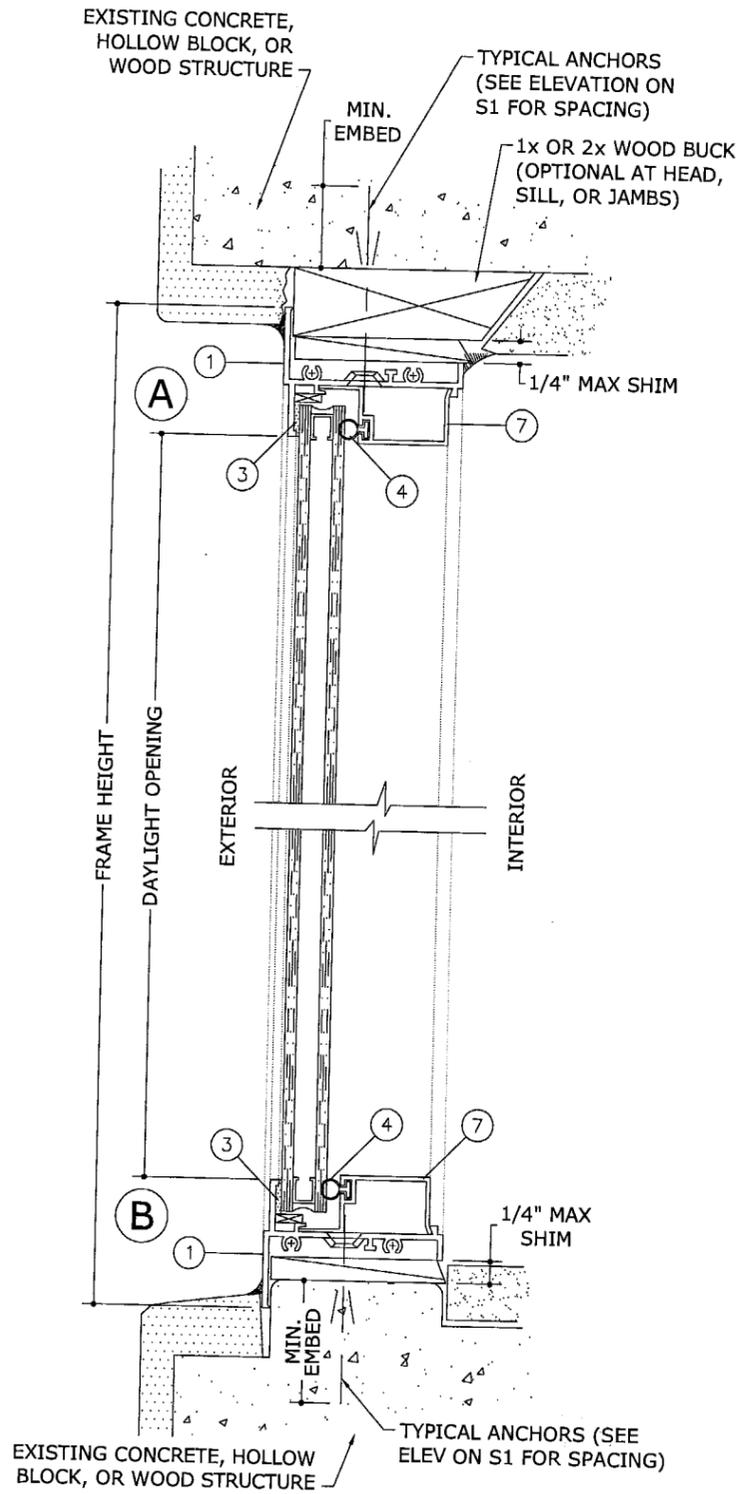
SERIES 2100 ALUMINUM FIXED WINDOW
NON-IMPACT RESISTANT

| REMARKS | DWN | CHKD | DATE |
|--------------------------|-----|------|----------|
| INIT ISSUE | CL | FLB | 5/3/04 |
| COUNTY COMMENTS | CL | FLB | 6/11/04 |
| 2004 FBC | CL | FLB | 7/13/05 |
| COUNTY COMMENTS | CL | FLB | 10/11/05 |
| MAX ANCHOR SPCG IN TABLE | CL | FLB | 12/9/05 |

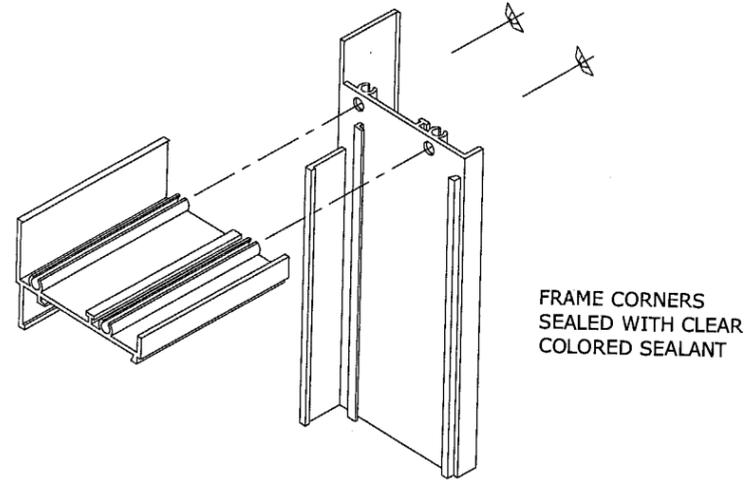
04-113-0003

PAGE SCALE:
DESCRIPTION:

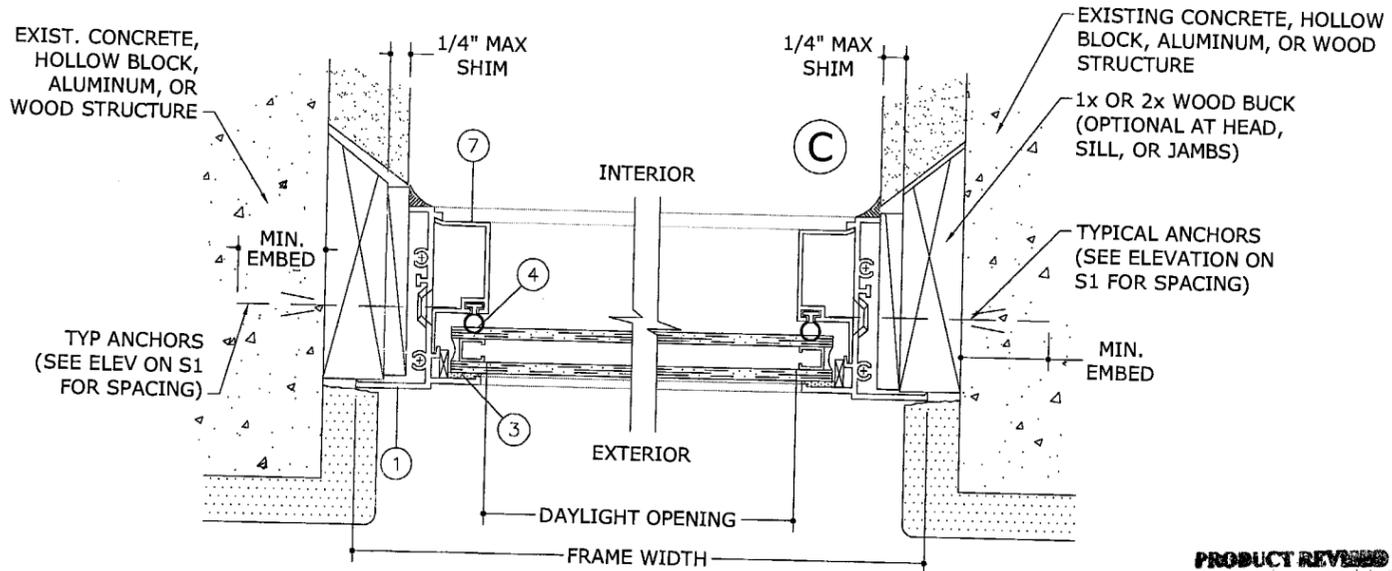
F:\01 Project Files\Traco (TRA)\2004 Jobs\04-113-0003 2100 Fixed Window (Non-Impact)\04-113-0003_03b Traco - 2100 Fixed Window (Non-Impact).dwg
 12/09/2005 - 3:28pm ciangley



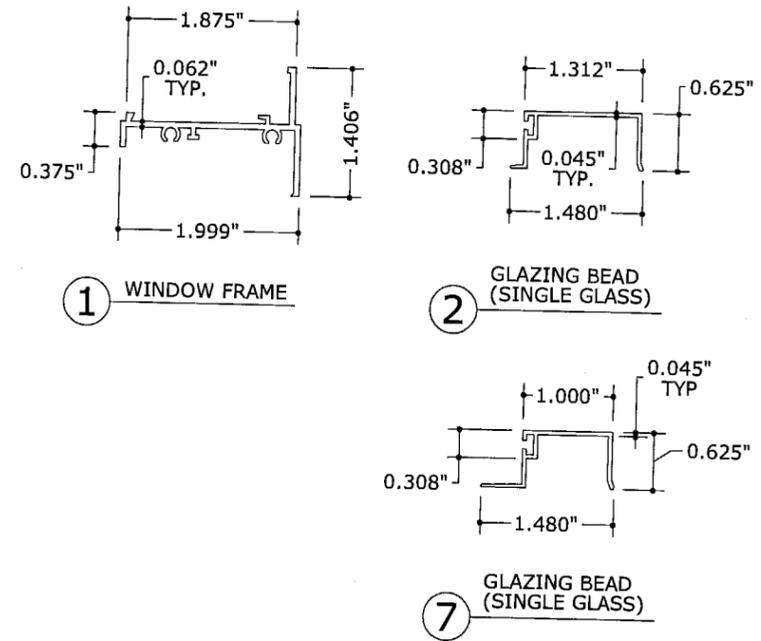
1 INSUL. DOUBLE GLAZED VERTICAL SECTION
3 6" = 1'-0"



3 FRAME CORNER ASSEMBLY
3 N.T.S.



2 INSUL. DOUBLE GLAZED HORIZONTAL SECTION
3 6" = 1'-0"



4 EXTRUSIONS
3 6" = 1'-0"

PRODUCT REVIEWED
 as complying with the Florida
 Building Code
 Acceptance No. 05-0812.03
 Expiration Date 04/25/07
 By *M. Frank*
 Miami Dade Product Control
 Division

FRANK L. BENNARDO, P.E.
 # PE0046549

12/09/2005

FRANK L. BENNARDO, P.E., INC.
 CONSULTING ENGINEERS
 4441 NORTH DIXIE HIGHWAY
 BOCA RATON, FL 33431
 (561) 391-2888 FAX: (561) 391-2862
 WWW.FLBENGINEERING.COM

TRACO
 Windows & Doors Inc.
 71 Progress Avenue
 Cranberry Township, PA 16166
 Tel: (724) 776-7000
 SERIES 2100 ALUMINUM FIXED WINDOW
 NON-IMPACT RESISTANT

| REMARKS | DWN | CHKD | DATE |
|--------------------------|-----|------|----------|
| INIT. ISSUE | CL | FLB | 5/9/04 |
| COUNTY COMMENTS | CL | FLB | 6/11/04 |
| 2004 FBC | CL | FLB | 7/13/05 |
| COUNTY COMMENTS | CL | FLB | 10/11/05 |
| MAX ANCHOR SPCG IN TABLE | CL | FLB | 12/9/05 |

04-113-0003

PAGE SCALE:
 DESCRIPTION:

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