



MIAMI-DADE COUNTY
 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 Horizontal Sliding Window

APPROVAL DOCUMENT: Drawing No. **04-113-0004**, titled "Series-2100 Alum. Horiz. Sliding Window", sheets 1 through 6 of 6, prepared by Frank L. Bennardo, P.E. Consulting Engineers, dated 05/14/04, with revision dated 07/25/05, 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 # **04-0518.01** 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 05-0812.04
Expiration Date: April 29, 2007
Approval Date: November 03, 2005
Page 1

TRACO Windows & Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **04-113-0004**, titled "Series-2100 Alum. Horiz. Sliding Window", sheets 1 through 6 of 6, prepared by Frank L. Bennardo, P.E. Consulting Engineers, dated 05/14/04, with revision dated 07/25/05, signed and sealed by Frank L. Bennardo, 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 PA 202-94
4) Forced Entry Test, per FBC 2411.3.2.1 (b) and TAS 202-94
along with marked-up drawings and installation diagram of an aluminum horizontal sliding window(XOX), prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-1859**, dated January 5, 1998, re-issued on 2/20/98, signed and sealed by Gilbert Diamond, P.E.
"Submitted under NOA #04-0518.01"
2. 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) Forced Entry Test, per FBC 2411.3.2.1 (b) and TAS 202-94
along with marked-up drawings and installation diagram of an aluminum horizontal sliding window (XO), prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-1944**, dated February 20, 1998, signed and sealed by Gilbert Diamond, P.E.
"Submitted under NOA #04-0518.01"
3. 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
along with marked-up drawings and installation diagram of an aluminum horizontal sliding window, prepared by Farabaugh Engineering and Testing, Inc., Test Report No. **FET-04003**, dated March 26, 2004, signed and sealed by Daniel G. Farabaugh, P.E.
"Submitted under NOA #04-0518.01"

C. CALCULATIONS

1. Revised Anchor Calculations, and structural analysis, prepared by Frank L. Bennardo, P.E. Consulting Engineers, dated 07/19/05, signed and sealed by Frank L. Bennardo, P.E. **Complies with ASTM E1300-98**

TRACO Security Windows & Doors, Inc.



Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office
NOA No 05-0812.04

Expiration Date: April 29, 2007
Approval Date: November 03, 2005

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Anchor Calculations, ASTM-E1300 and structural analysis, prepared by Al-Farooq Corporation dated 2/18/02, signed and sealed by Humayoun Farooq, P.E.
“Submitted under NOA #04-0518.01”
3. Anchor Calculations, ASTM-E1300 and structural analysis, prepared by Frank L. Bennardo, dated 05/10/04, signed and sealed by Frank L. Bennardo, P.E.
“Submitted under NOA #04-0518.01”

D. QUALITY ASSURANCE

1. Miami-Dade County Building Code Compliance Office

E. MATERIAL CERTIFICATIONS

1. None

F. STATEMENTS

1. Statement letter of conformance, dated 07/25/05, signed by Frank L. Bennardo, P.E.
2. Statement letter of no financial interest, dated 07/25/05, signed by Frank L. Bennardo, P.E.
3. Laboratory compliance letter for Test Report No. FTL-1859, issued by Fenestration Testing Laboratory, Inc., dated 2/20/98, signed and sealed by Gilbert Diamond, P.E.
“Submitted under NOA #04-0518.01”
4. Laboratory compliance letter for Test Report No. FTL-1944, issued by Fenestration Testing Laboratory, Inc., dated 2/20/98, signed and sealed by Gilbert Diamond, P.E.
“Submitted under NOA #04-0518.01”

G. OTHERS

1. Letter from the consultant, dated September 26, 2005, stating that the product is compliance with the Florida Building Code (FBC).
2. Notice of Acceptance No. **04-0518.01**, issued to TRACO Windows & Doors for their “Series 2100 Aluminum Horizontal Sliding Window”, approved on 07/05/04 and expiring on 04/29/07.



Herminio F. Gonzalez, P.E.

Director, Building Code Compliance Office

NOA No 05-0812.04

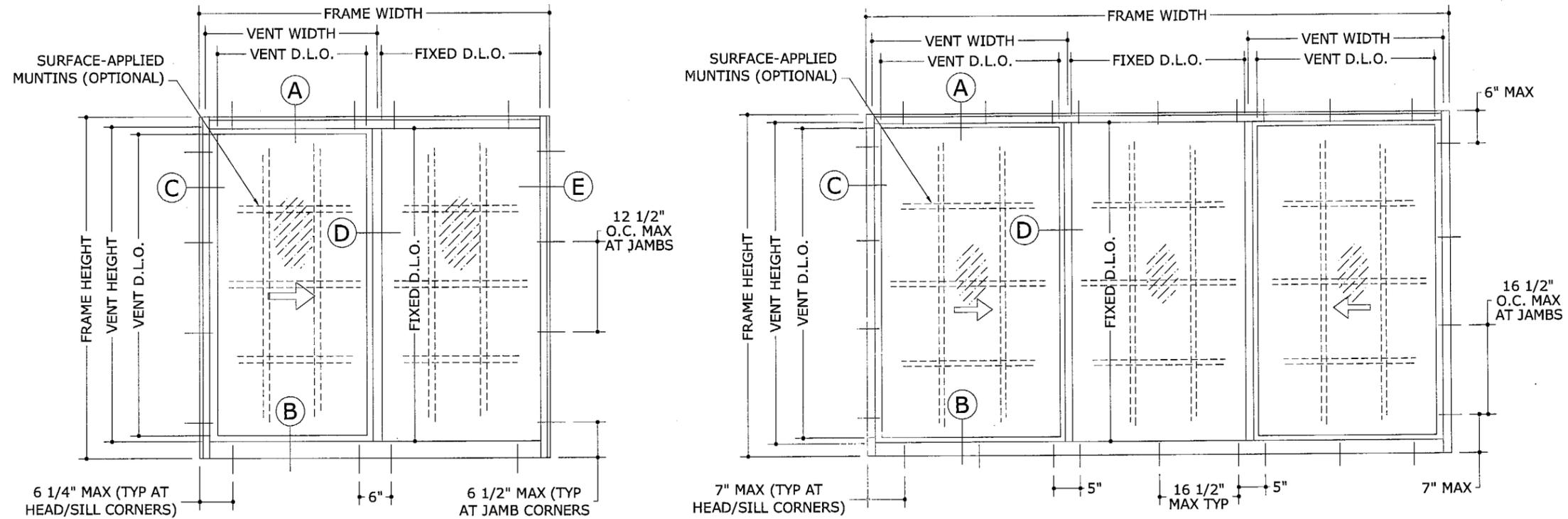
Expiration Date: April 29, 2007

Approval Date: November 03, 2005

SERIES 2100 HORIZONTAL SLIDING WINDOW (NON-IMPACT RESISTANT)

FRANK L. BENNARDO, P.E.
PE0046549

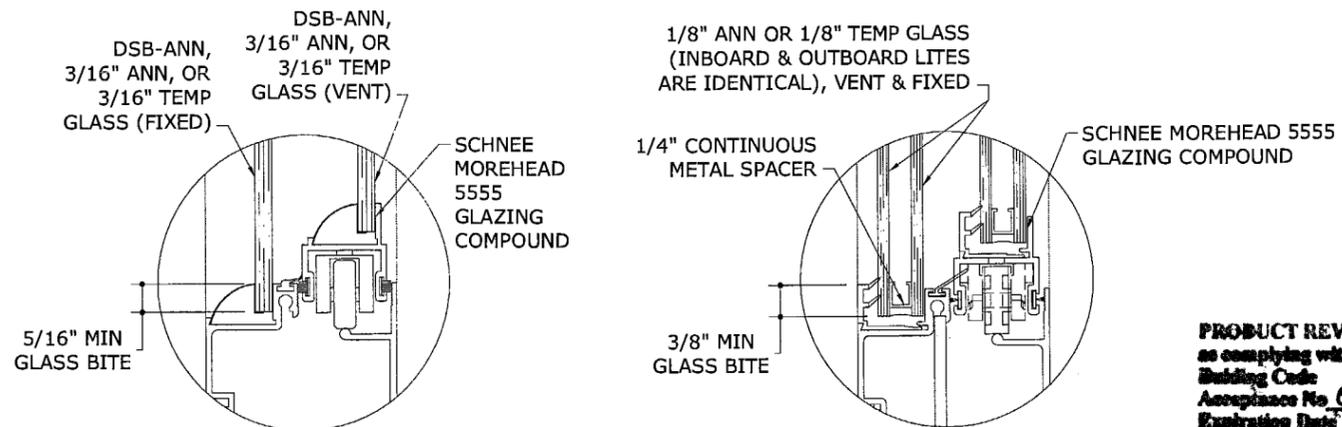
07/25/2005



1 TYPICAL ELEVATIONS
1/2" = 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 PROTOCOLS TAS 201, 202 & 203.
- 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 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 2001 FLORIDA BUILDING CODE.



2 GLAZING OPTIONS
1/2" = 1'-0"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **05-0812.04**
Expiration Date **04/29/07**
M. Smith
Miami Dade Product Control
Division

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
CERTIFICATE OF AUTHORIZATION #9885

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

SERIES 2100 ALUMINUM HORIZONTAL SLIDING WINDOW
NON-IMPACT RESISTANT

| REMARKS | DATE |
|------------|---------|
| INIT ISSUE | 5/7/04 |
| 2004 FBC | 7/25/05 |

04-113-0004

PAGE SCALE:

DESCRIPTION:

DESIGN LOAD CAPACITY - (PSF)

'XO' OR 'OX' CONFIGURATIONS

| WINDOW WIDTH (in) | WINDOW HEIGHT (in) | NUM OF ANCHORS | | STANDARD SILL | | | | | | | | SILL WITH RISER | | | | | | | |
|-------------------|--------------------|----------------|----------|---------------|-----------|-----------|-----------|------------|-----------|------------|-----------|-----------------|-----------|-----------|-----------|------------|-----------|------------|-----------|
| | | TOTAL | MTG RAIL | DSB ANN | | 3/16" ANN | | 3/16" TEMP | | 1/2" INSUL | | DSB ANN | | 3/16" ANN | | 3/16" TEMP | | 1/2" INSUL | |
| | | | | POS (psf) | NEG (psf) | POS (psf) | NEG (psf) | POS (psf) | NEG (psf) | POS (psf) | NEG (psf) | POS (psf) | NEG (psf) | POS (psf) | NEG (psf) | POS (psf) | NEG (psf) | POS (psf) | NEG (psf) |
| 26 1/2 | 26 (2) | 4 | 2 | 44.00 | 160.51 | 44.00 | 160.51 | 44.00 | 160.51 | 44.00 | 160.51 | 53.33 | 160.51 | 53.33 | 160.51 | 53.33 | 160.51 | 53.33 | 160.51 |
| 37 | | 6 | 2 | 44.00 | 125.00 | 44.00 | 172.44 | 44.00 | 172.44 | 44.00 | 172.44 | 53.33 | 125.00 | 53.33 | 172.44 | 53.33 | 172.44 | 53.33 | 172.44 |
| 53 1/8 | | 8 | 2 | 44.00 | 91.60 | 44.00 | 160.13 | 44.00 | 160.13 | 44.00 | 160.13 | 53.33 | 91.60 | 53.33 | 160.13 | 53.33 | 160.13 | 53.33 | 160.13 |
| 60 | | 8 | 2 | 44.00 | 83.80 | 44.00 | 141.78 | 44.00 | 141.78 | 44.00 | 141.78 | 53.33 | 83.80 | 53.33 | 141.78 | 53.33 | 141.78 | 53.33 | 141.78 |
| 74 | 8 | 2 | 44.00 | 66.60 | 44.00 | 112.00 | 44.00 | 114.96 | 44.00 | 114.96 | 53.33 | 66.60 | 53.33 | 112.00 | 53.33 | 114.96 | 53.33 | 114.96 | |
| 26 1/2 | 38-3/8 (3) | 4 | 2 | 44.00 | 108.75 | 44.00 | 108.75 | 44.00 | 108.75 | 44.00 | 108.75 | 53.33 | 108.75 | 53.33 | 108.75 | 53.33 | 108.75 | 53.33 | 108.75 |
| 37 | | 7 | 3 | 44.00 | 75.30 | 44.00 | 133.47 | 44.00 | 133.47 | 44.00 | 133.47 | 53.33 | 75.30 | 53.33 | 133.47 | 53.33 | 133.47 | 53.33 | 133.47 |
| 53 1/8 | | 7 | 3 | 44.00 | 64.20 | 44.00 | 94.93 | 44.00 | 94.93 | 44.00 | 94.93 | 53.33 | 64.20 | 53.33 | 94.93 | 53.33 | 94.93 | 53.33 | 94.93 |
| 60 | | 7 | 3 | 44.00 | 60.50 | 44.00 | 84.05 | 44.00 | 84.05 | 44.00 | 84.05 | 53.33 | 60.50 | 53.33 | 84.05 | 53.33 | 84.05 | 53.33 | 84.05 |
| 74 | 9 | 3 | --- | --- | 44.00 | 82.90 | 44.00 | 87.62 | 44.00 | 87.62 | --- | --- | 53.33 | 82.90 | 53.33 | 87.62 | 53.33 | 87.62 | |
| 26 1/2 | 50-5/8 (4) | 4 | 2 | 44.00 | 82.44 | 44.00 | 82.44 | 44.00 | 82.44 | 44.00 | 82.44 | 53.33 | 82.44 | 53.33 | 82.44 | 53.33 | 82.44 | 53.33 | 82.44 |
| 37 | | 7 | 3 | 44.00 | 60.50 | 44.00 | 93.96 | 44.00 | 93.96 | 44.00 | 93.96 | 53.33 | 60.50 | 53.33 | 93.96 | 53.33 | 93.96 | 53.33 | 93.96 |
| 53 1/8 | | 7 | 3 | 44.00 | 44.00 | 44.00 | 71.96 | 44.00 | 71.96 | 44.00 | 71.96 | 44.00 | 44.00 | 53.33 | 71.96 | 53.33 | 71.96 | 53.33 | 71.96 |
| 60 | | 7 | 3 | --- | --- | 44.00 | 63.72 | 44.00 | 63.72 | 44.00 | 63.72 | --- | --- | 53.33 | 63.72 | 53.33 | 63.72 | 53.33 | 63.72 |
| 74 | 9 | 3 | --- | --- | 44.00 | 60.50 | 44.00 | 60.50 | 44.00 | 60.50 | --- | --- | 53.33 | 60.50 | 53.33 | 60.50 | 53.33 | 60.50 | |
| 26 1/2 | 63 (4) | 4 | 2 | 44.00 | 47.27 | 44.00 | 66.24 | 44.00 | 66.24 | 44.00 | 66.24 | 47.27 | 47.27 | 53.33 | 66.24 | 53.33 | 66.24 | 53.33 | 66.24 |
| 37 | | 7 | 3 | 34.44 | 34.44 | 44.00 | 72.32 | 44.00 | 72.32 | 44.00 | 72.32 | 34.44 | 34.44 | 53.33 | 72.32 | 53.33 | 72.32 | 53.33 | 72.32 |
| 53 1/8 | | 7 | 3 | --- | --- | 44.00 | 54.45 | 44.00 | 54.45 | 44.00 | 54.45 | --- | --- | 53.33 | 54.45 | 53.33 | 54.45 | 53.33 | 54.45 |
| 60 | | 7 | 3 | --- | --- | 44.00 | 49.94 | 44.00 | 49.94 | 44.00 | 49.94 | --- | --- | 49.94 | 49.94 | 49.94 | 49.94 | 49.94 | 49.94 |
| 74 | 9 | 3 | --- | --- | 43.59 | 43.59 | 43.59 | 43.59 | 43.59 | 43.59 | --- | --- | 43.59 | 43.59 | 43.59 | 43.59 | 43.59 | 43.59 | |

② "MTG RAIL" INDICATES NUMBER OF ANCHORS AT VERTICAL MEETING RAIL LOCATIONS AT HEAD OR SILL (EACH)
 ① "TOTAL" INDICATES TOTAL NUMBER OF ANCHORS AT HEAD OR SILL (INCLUDES "MTG RAIL" ANCHORS)
 NUMBERS IN "()" INDICATE TOTAL NUMBER OF ANCHORS AT EACH JAMB

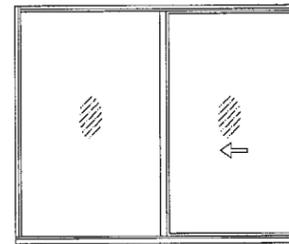
DESIGN LOAD CAPACITY - (PSF)

'XOX' or 'OXO' CONFIGURATIONS

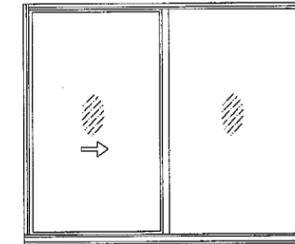
| WINDOW WIDTH (in) | WINDOW HEIGHT (in) | NUM OF ANCHORS | | STANDARD SILL | | | | | | SILL WITH RISER | | | | | |
|-------------------|--------------------|----------------|----------|---------------|-----------|------------|-----------|------------|-----------|-----------------|-----------|------------|-----------|------------|-----------|
| | | TOTAL | MTG RAIL | 3/16" ANN | | 3/16" TEMP | | 1/2" INSUL | | 3/16" ANN | | 3/16" TEMP | | 1/2" INSUL | |
| | | | | POS (psf) | NEG (psf) | POS (psf) | NEG (psf) | POS (psf) | NEG (psf) | POS (psf) | NEG (psf) | POS (psf) | NEG (psf) | POS (psf) | NEG (psf) |
| 75 | 26 (2) | 12 | 2 | 44.0 | 180.0 | 44.0 | 163.8 | 44.0 | 163.8 | 53.3 | 163.8 | 53.3 | 163.8 | 53.3 | 163.8 |
| 85 | | 12 | 2 | 44.0 | 152.0 | 44.0 | 150.1 | 44.0 | 150.1 | 53.3 | 150.1 | 53.3 | 150.1 | 53.3 | 150.1 |
| 97 | | 12 | 2 | 44.0 | 132.0 | 44.0 | 131.6 | 44.0 | 131.6 | 53.3 | 131.6 | 53.3 | 131.6 | 53.3 | 131.6 |
| 109 | | 12 | 2 | 44.0 | 115.0 | 44.0 | 117.1 | 44.0 | 117.1 | 53.3 | 115.0 | 53.3 | 117.1 | 53.3 | 117.1 |
| 111 | | 12 | 2 | 44.0 | 112.0 | 44.0 | 115.0 | 44.0 | 115.0 | 53.3 | 112.0 | 53.3 | 115.0 | 53.3 | 115.0 |
| 75 | 38-3/8 (3) | 11 | 3 | 44.0 | 113.0 | 44.0 | 105.7 | 44.0 | 105.7 | 53.3 | 105.7 | 53.3 | 105.7 | 53.3 | 105.7 |
| 85 | | 11 | 3 | 44.0 | 92.7 | 44.0 | 93.2 | 44.0 | 93.2 | 53.3 | 92.7 | 53.3 | 93.2 | 53.3 | 93.2 |
| 97 | | 11 | 3 | 44.0 | 88.0 | 44.0 | 81.7 | 44.0 | 81.7 | 53.3 | 81.7 | 53.3 | 81.7 | 53.3 | 81.7 |
| 109 | | 11 | 3 | 44.0 | 83.9 | 44.0 | 72.7 | 44.0 | 72.7 | 53.3 | 72.7 | 53.3 | 72.7 | 53.3 | 72.7 |
| 111 | 11 | 3 | 44.0 | 83.2 | 44.0 | 71.4 | 44.0 | 71.4 | 53.3 | 71.4 | 53.3 | 71.4 | 53.3 | 71.4 | |
| 75 | 50-5/8 (4) | 11 | 3 | 44.0 | 82.4 | 44.0 | 75.5 | 44.0 | 75.5 | 53.3 | 75.5 | 53.3 | 75.5 | 53.3 | 75.5 |
| 85 | | 11 | 3 | 44.0 | 72.4 | 44.0 | 69.6 | 44.0 | 69.6 | 53.3 | 69.6 | 53.3 | 69.6 | 53.3 | 69.6 |
| 97 | | 11 | 3 | 44.0 | 66.8 | 44.0 | 61.9 | 44.0 | 61.9 | 53.3 | 61.9 | 53.3 | 61.9 | 53.3 | 61.9 |
| 109 | | 11 | 3 | 44.0 | 63.1 | 44.0 | 55.1 | 44.0 | 55.1 | 53.3 | 55.1 | 53.3 | 55.1 | 53.3 | 55.1 |
| 111 | 11 | 3 | 44.0 | 62.6 | 44.0 | 54.1 | 44.0 | 54.1 | 53.3 | 54.1 | 53.3 | 54.1 | 53.3 | 54.1 | |
| 75 | 63 (4) | 11 | 3 | 44.0 | 72.0 | 44.0 | 57.0 | 44.0 | 57.0 | 53.3 | 57.0 | 53.3 | 57.0 | 53.3 | 57.0 |
| 85 | | 11 | 3 | 44.0 | 57.0 | 44.0 | 52.0 | 44.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| 97 | | 11 | 3 | 44.0 | 50.4 | 44.0 | 47.5 | 44.0 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 |
| 109 | | 11 | 3 | 44.0 | 48.6 | 44.0 | 44.1 | 44.0 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 |
| 111 | | 11 | 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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 ① "TOTAL" INDICATES TOTAL NUMBER OF ANCHORS AT HEAD OR SILL (INCLUDES "MTG RAIL" ANCHORS)
 NUMBERS IN "()" INDICATE TOTAL NUMBER OF ANCHORS AT EACH JAMB

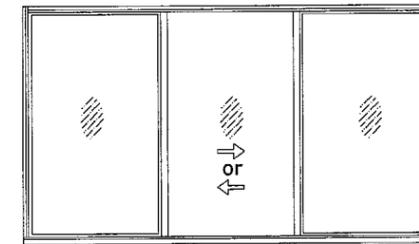
GLASS WIDTHS OF ALL FIXED AND OPERABLE LITES SHALL BE EQUAL



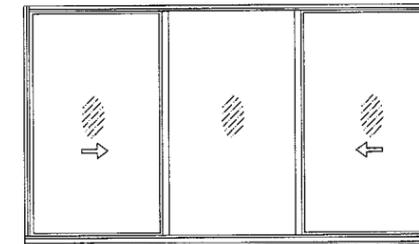
OX



XO



OXO



XOX

1
2

APPROVED CONFIGURATIONS
N.T.S.

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 05-0812-04
 Expiration Date 04/29/07
 By *M. Khalil*
 Miami Dade Product Control Division

FRANK L. BENNARDO, P.E.
PE0046549

07/25/2005

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
 CERTIFICATE OF AUTHORIZATION #9885

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

| REMARKS | INIT | ISSUE | DATE |
|---|------|-------|---------|
| 2004 FBC <td></td> <td></td> <td>7/25/05</td> | | | 7/25/05 |

04-113-0004

PAGE SCALE:
DESCRIPTION:

2

07/25/2005

MATERIALS LIST

| ITEM | PART # | QUANTITY | DESCRIPTION | MATERIAL | MANF./SUPPLIER/REMARKS |
|------|------------|----------|-------------------------------------|----------|-----------------------------|
| 1 | 050-00-366 | 1 | FRAME HEAD | 6063-T6 | - |
| 2 | 050-00-220 | 1 | FRAME SILL | 6063-T5 | - |
| 3 | 050-00-367 | 2 | FRAME JAMB | 6063-T6 | - |
| 4 | 050-00-119 | 1/ VENT | FIXED RAIL | 6063-T6 | - |
| 5 | 051-00-165 | 1/ VENT | VENT MEETING RAIL | 6063-T6 | - |
| 6 | 050-00-160 | 2/ VENT | TOP AND BOTTOM RAIL | 6063-T6 | - |
| 7 | 051-00-102 | 1/ VENT | JAMB STILE | 6063-T6 | - |
| 8 | - | AS REQD. | FRAME ASSEMBLY SCREW | - | #8 X 3/4" P.H. PHILLIPS SMS |
| 9 | 004-00-008 | - | GLAZING BEAD | ALUMINUM | ROLL FORMED |
| 10 | - | AS REQD. | FIX. RAIL SILL SCREWS | - | #8 X 2" SMS |
| 10A | - | AS REQD. | FIX. RAIL HEAD SCREWS | - | #8 X 1" SMS |
| 11 | - | AS REQD. | VENT ASSEMBLY SCREWS | - | #10 X 1" P.H. SMS |
| 12 | 051-00-353 | - | SILL ADD-ON RISER | 6063-T6 | - |
| 13 | - | 2/ VENT | PLASTIC ROLLERS IN PLASTIC HOUSING | - | SECURITY |
| 14 | - | 2/ VENT | SWEEP LOCK AT 6-3/4" FROM ENDS | - | SECURITY |
| 15 | 046-00-050 | AS REQD. | BULB WEATHERSTRIPPING (.156 X .300) | VINYL | WIBORG #9814 |
| 16 | 046-00-017 | AS REQD. | FLAP WEATHERSTRIPPING (.210 X .490) | VINYL | WIBORG #2189 |
| 17 | 046-00-030 | AS REQD. | FLAP WEATHERSTRIPPING (.170 X .450) | VINYL | WIBORG #2205 |
| 18 | 046-00-038 | AS REQD. | FLAP WEATHERSTRIPPING (.185 X .500) | VINYL | WIBORG #2188 |
| 19 | 047-00-001 | AS REQD. | PILE WITH FIN SEAL (.187 X .170) | - | AMESBURY #17317-187 |
| 20 | - | AS REQD. | 2" X 1-1/4" X 1/8" PLATE | 6063-T5 | BELOW EACH FIX. MTG. RAIL |
| 21 | 046-00-300 | - | PVC GLAZING BEAD | PVC | - |
| 22 | - | AS REQD. | 1/4" CONTINUOUS METAL SPACER | - | - |

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).

SEALANT:

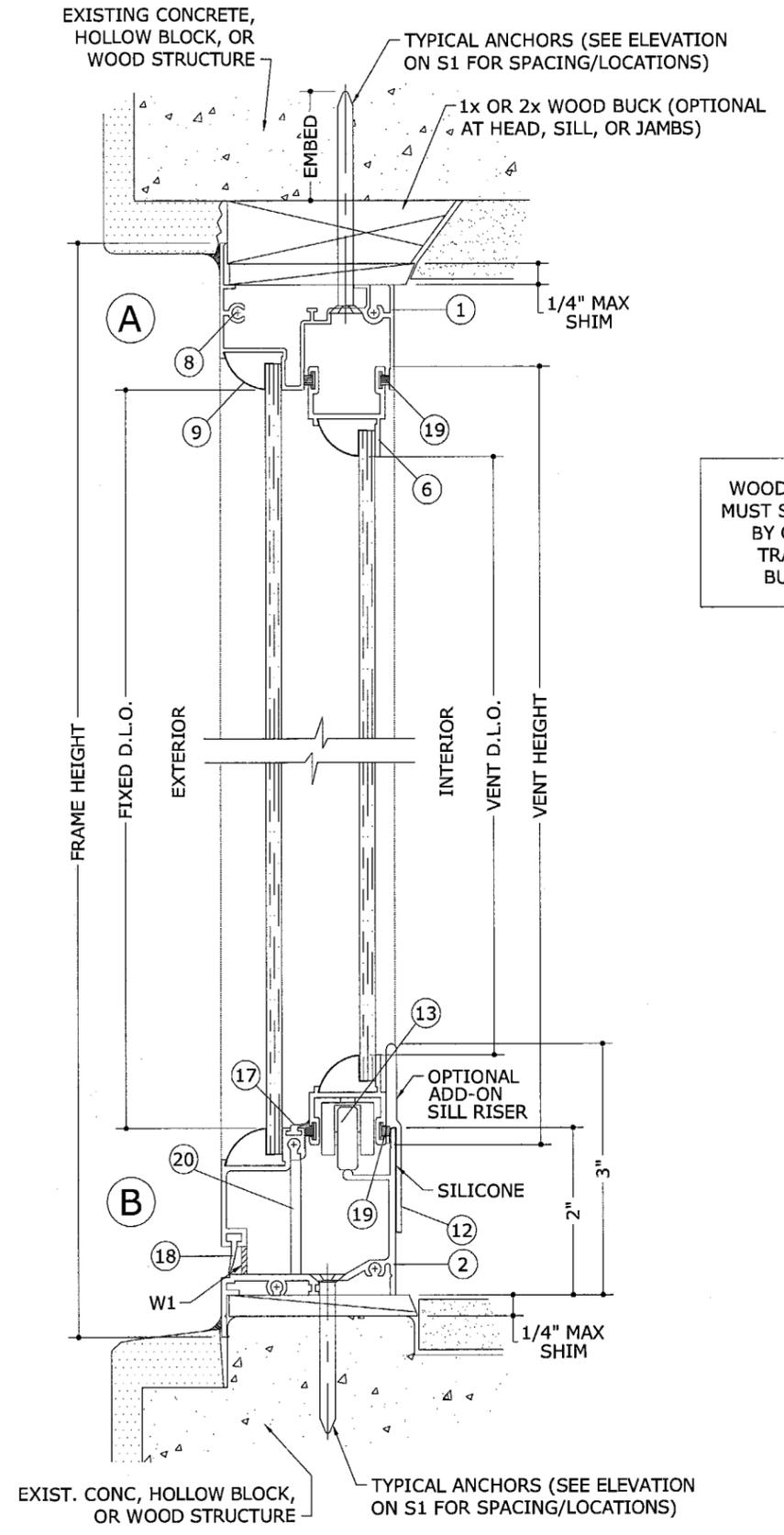
ALL FRAME AND VENT CORNERS AND HEADS OF INSTALLATION SCREWS AT SILL SHALL BE SEALED WITH SCHNEE MOREHEAD 5504 SEALANT.

WEEPHOLES:

(3) 1" x 3/8" WEEPHOLES ("W1") PER VENT SILL AT 5" FROM VENT ENDS AND AT MID-WIDTH.

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.



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

FRANK L. BENNARDO, P.E., INC.
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WWW.FLBENGINEERING.COM
CERTIFICATE OF AUTHORIZATION #9885

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

| | | |
|----------|----------|---------|
| REMARKS | INITIALS | DATE |
| 2004 FBC | | 7/25/05 |

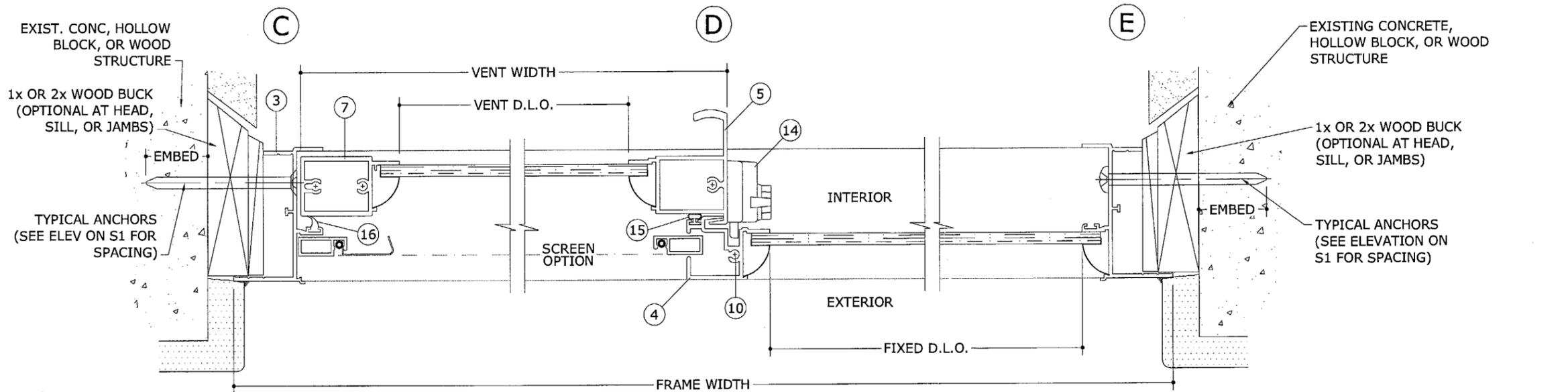
04-113-0004

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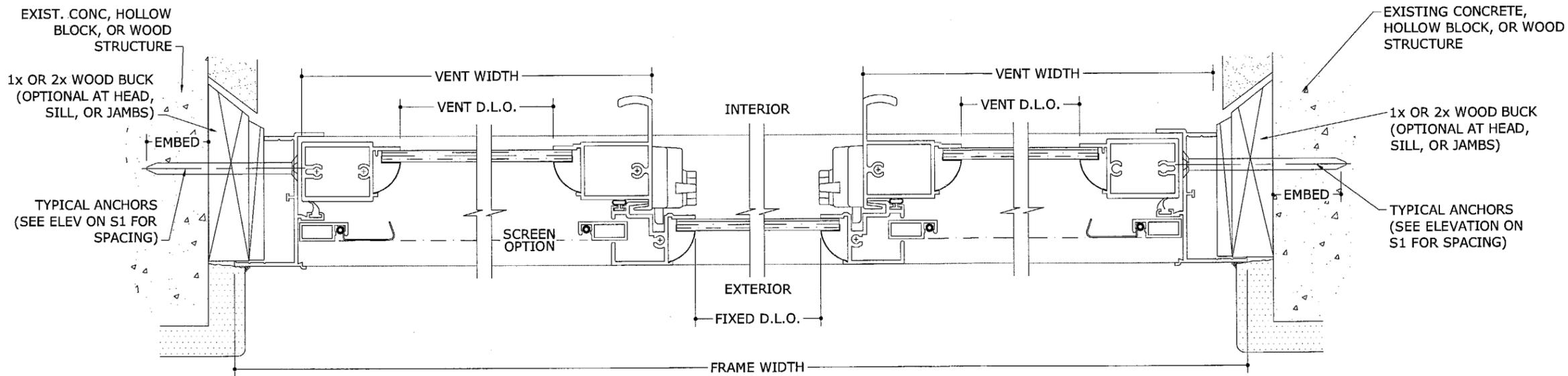
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 05-0812-04
Expiration Date 04/29/07
By *M. J. Hall*
Miami Dade Product Control
Division

07/25/2005 - 2:59pm clangley F:\01 Project Files\Traco\2004 Jobs\04-113-0004 2100 Horizontal Slider (Non-Impact)\04-113-0004_01a 2100 Horizontal Slider (Non-Impact).dwg



1
SINGLE GLAZED (XO)
HORIZONTAL SECTION
6" = 1'-0"

NOTE:
XO CONFIG SHOWN,
OX CONFIG OPPOSITE



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

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. **05-081307**
Expiration Date **04/29/07**
By *M. Thaupe*
Miami Dade Product Control
Division

FRANK L. BENNARDO, P.E.
RE0046549

07/25/2005

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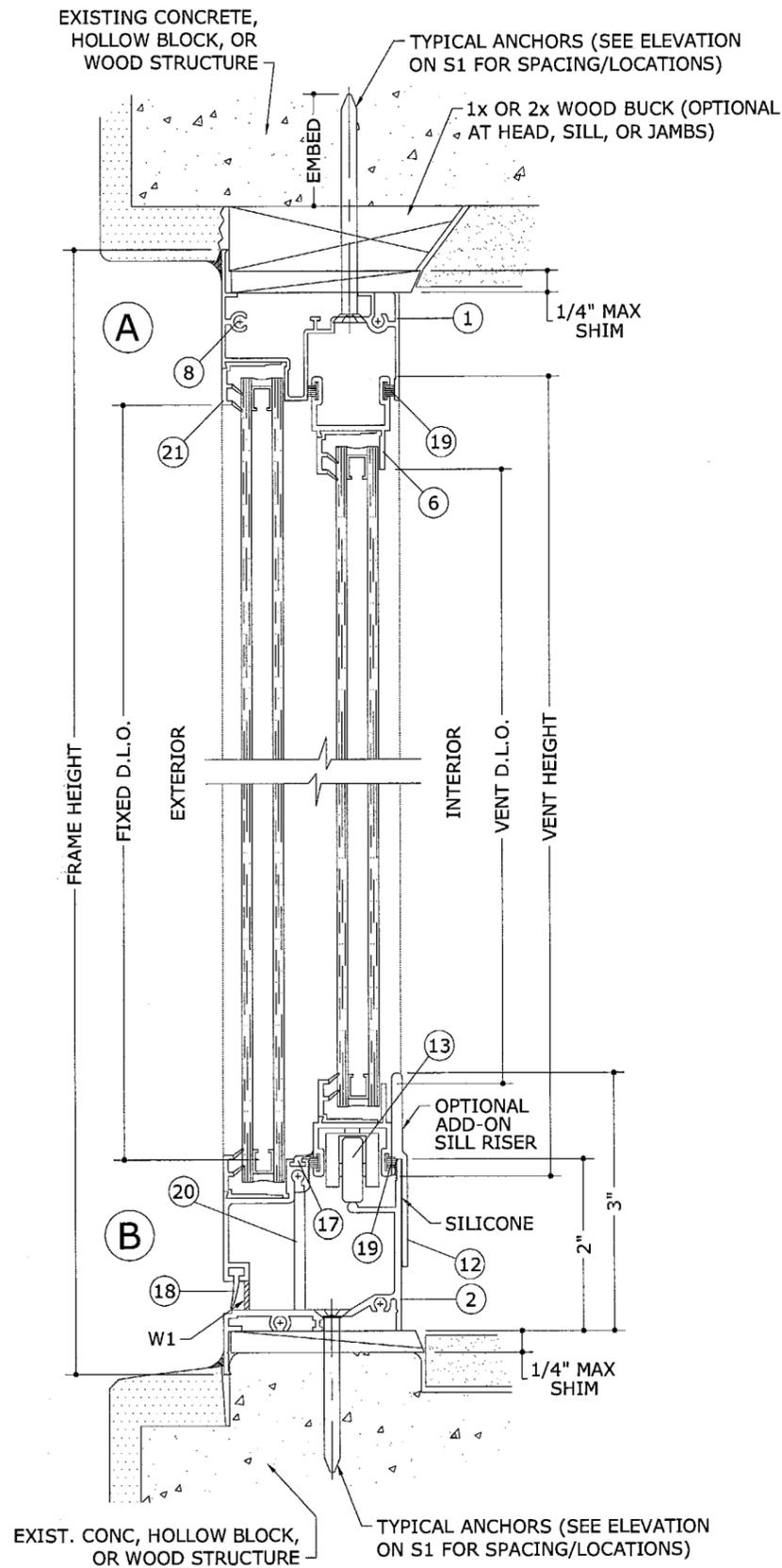
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| REMARKS | INIT | ISSUE | 2004 | FBC |
| DWN | CL | CL | CL | CL |
| CHKD | FLB | FLB | FLB | FLB |
| DATE | 5/7/04 | 7/25/05 | | |

04-113-0004

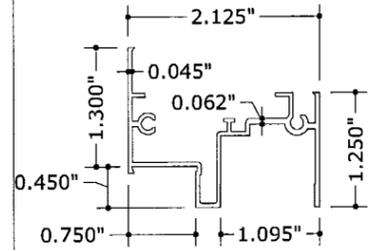
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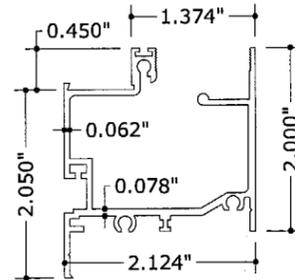
07/25/2005 - 2:59pm clangley



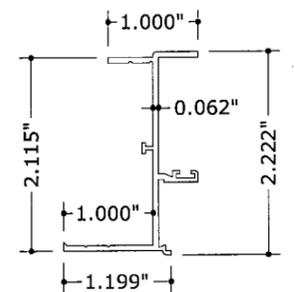
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5 INSUL. DOUBLE GLAZED VERTICAL SECTION
6" = 1'-0"



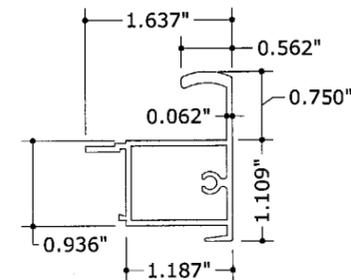
1 FRAME HEAD



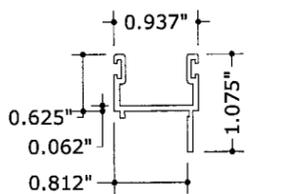
2 FRAME SILL



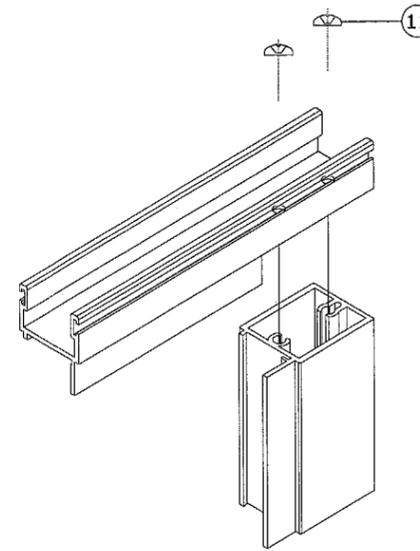
3 FRAME JAMB



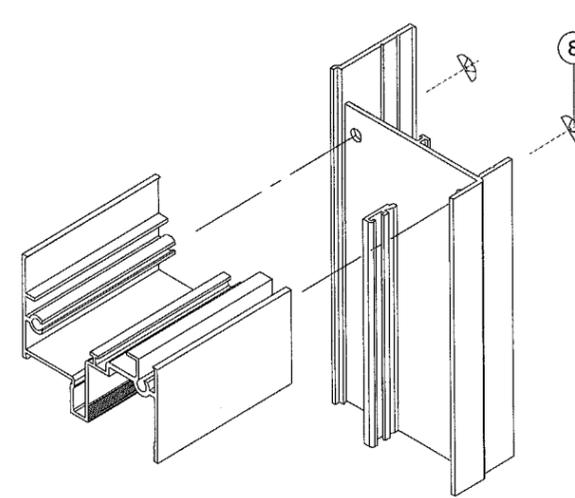
5 MEETING RAIL



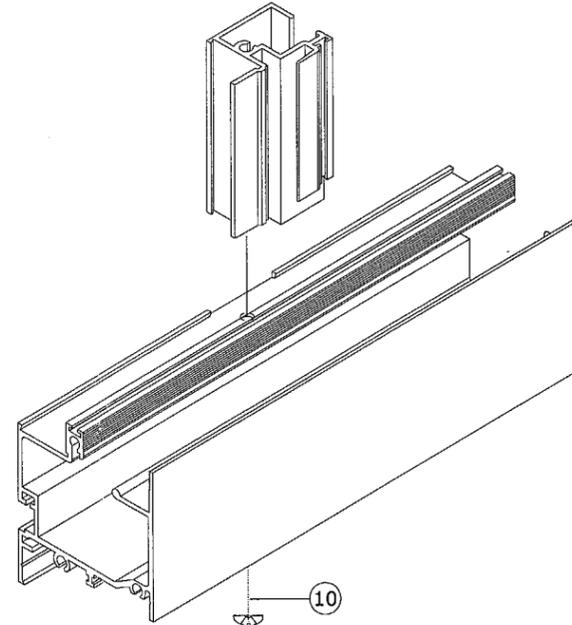
6 VENT TOP/BOTTOM RAIL



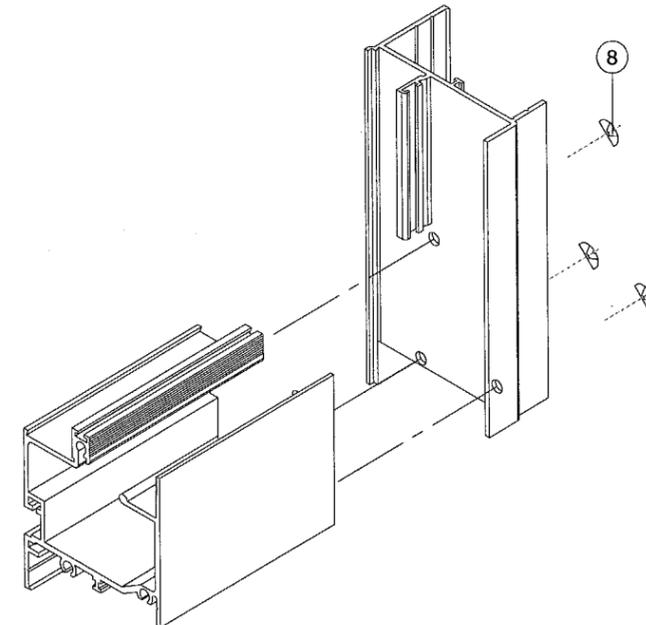
VENT TOP/BOTTOM CORNERS



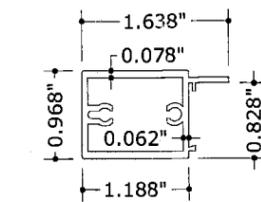
FRAME TOP CORNER



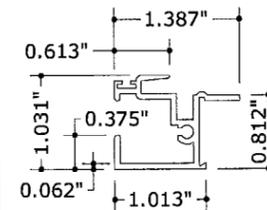
FIXED MTG. RAIL CORNER



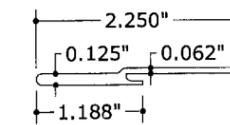
FRAME BOTTOM CORNER



7 JAMB STILE



4 FIXED MTG RAIL



12 SILL RISER

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By *M. Thull*
Miami Dade Product Control Division

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PE0046549

07/25/2005

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| 2004 FRC | | | 7/25/05 |

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| CL | FLB | 7/25/05 | |

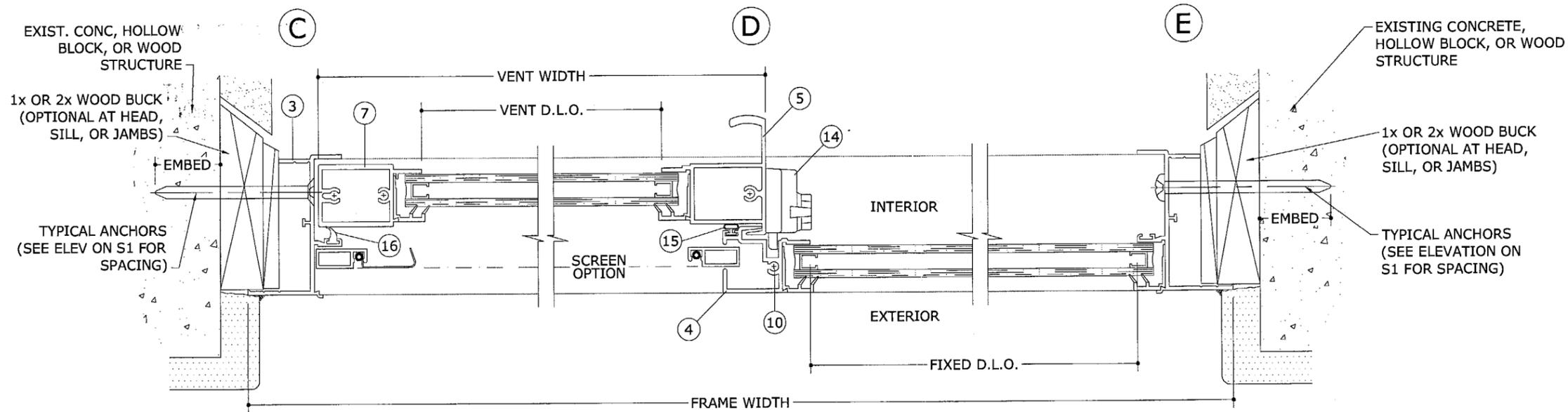
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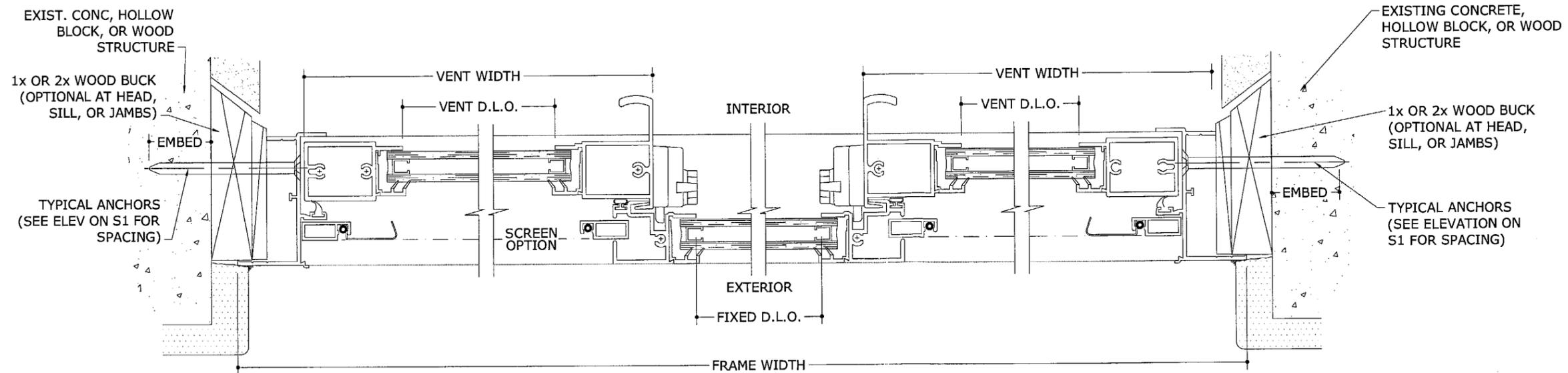
By *M. Strick*
Miami Code Product Control
Division

6



1
6 INSUL. DOUBLE GLAZED (XO)
HORIZONTAL SECTION
6" = 1'-0"

NOTE:
XO CONFIG SHOWN,
OX CONFIG OPPOSITE



2
6 INSUL. DOUBLE GLAZED (XOX)
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