



**DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION  
NOTICE OF ACCEPTANCE (NOA)**

**MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION**  
11805 SW 26 Street, Room 208  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**Curv-A-Tech Corporation**  
930 W. 23<sup>rd</sup> Street  
Hialeah, FL 33010

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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 "940" Aluminum Horizontal Rolling Window - L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **W07-59**, titled "Series-940 Alum. Horizontal Rolling Wdw. (LML)", sheets 1 through 6 of 6, dated 08/06/07, with revision **D** dated 08/11/16, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, 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 Section.

**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, series, 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 No. **15-0409.14** 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.**



*Handwritten signature and date: 7/11/02/16*

**NOA No. 16-0831.03**  
**Expiration Date: September 27, 2017**  
**Approval Date: November 10, 2016**  
**Page 1**

**Curv-A-Tech Corporation**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.  
*(Submitted under NOA No. 07-0813.08)*
2. Drawing No. **W07-59**, titled "Series-940 Alum. Horizontal Rolling Wdw. (LMI.)", sheets 1 through 6 of 6, dated 08/06/07, with revision **D** dated 08/11/16, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, 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, TAS 202-94along with marked-up drawings and installation diagram of a horizontal rolling window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-8918**, dated 05/18/16, signed and sealed by Idalmis Ortega, P.E.
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) 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, TAS 202-94along with marked-up drawings and installation diagram of a horizontal rolling window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5262**, dated 07/14/07, signed and sealed by Carlos S. Rionda, P.E.  
*(Submitted under NOA# 07-0813.08)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with **FBC 5<sup>th</sup> Edition (2014)**, dated 02/26/15, 07/13/15 and 06/22/16, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.  
*(Submitted partly under previous NOA# 15-0409.14)*
2. Glazing complies with **ASTM E1300-09**

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

  
Manuel Perez, P.E.  
Product Control Examiner

NOA No. 16-0831.03

Expiration Date: September 27, 2017

Approval Date: November 10, 2016

**Curv-A-Tech Corporation**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **14-0423.15** issued to **Eastman Chemical Company (MA)** for their "**Saflex CP - Saflex and Saflex HP Composite Glass Interlayers with PET Core**" dated 06/19/14, expiring on 12/11/18.
2. Notice of Acceptance No. **13-0909.10** issued to **Polymer Extrusion Technology, Inc. dba Glasslam** for their "**Glasslam Safety-Plus II Glass Interlayer**" dated 10/03/13, expiring on 08/07/18.
3. Notice of Acceptance No. **14-0916.11** issued to **Kuraray America, Inc.** for their "**SentryGlas® (Clear and White) Glass Interlayers**" dated 06/25/15, expiring on 07/04/18.
4. Notice of Acceptance No. **14-0423.17** issued to **Eastman Chemical Company (MA)** for their "**Saflex Clear and Color Glass Interlayers**" dated 06/19/14, expiring on 05/21/16.

**F. STATEMENTS**

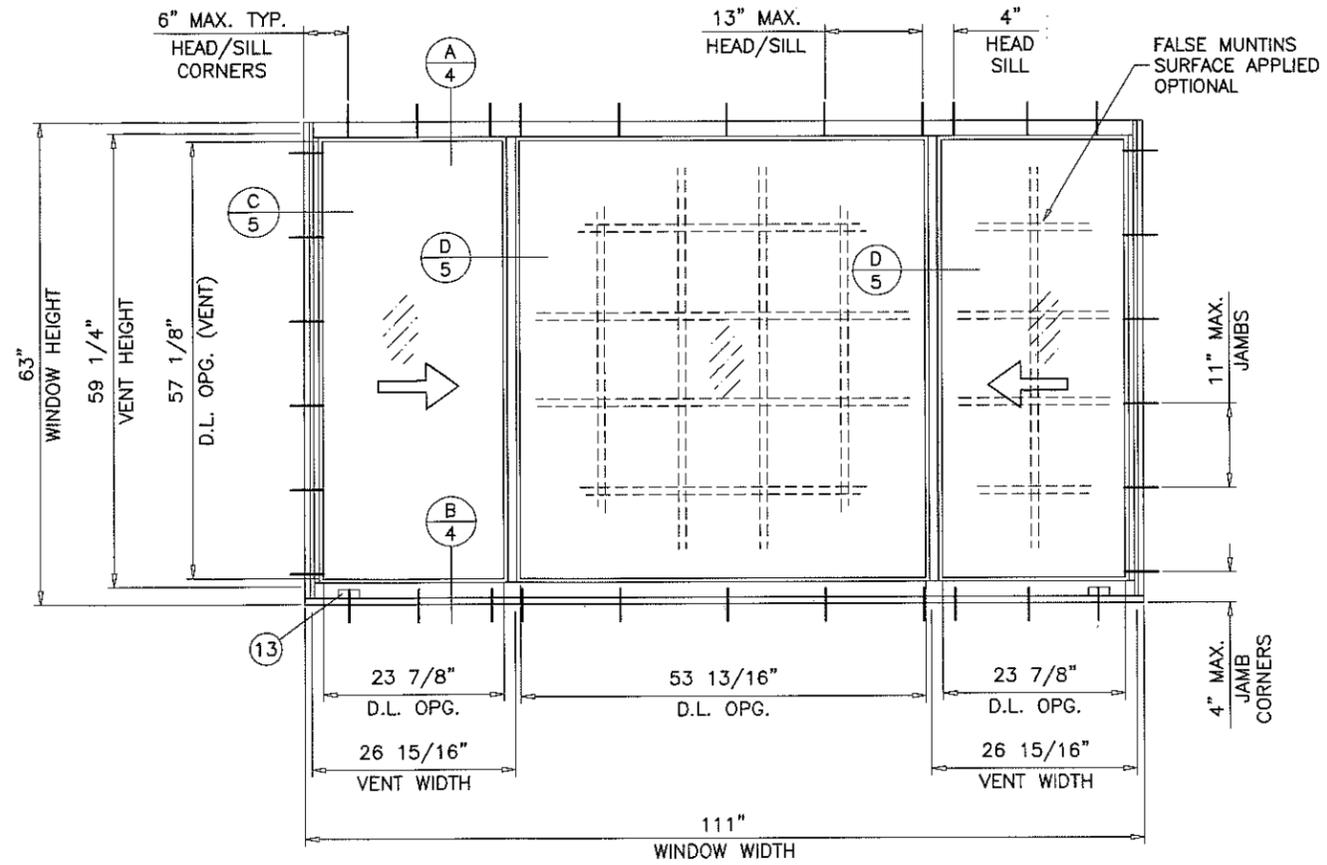
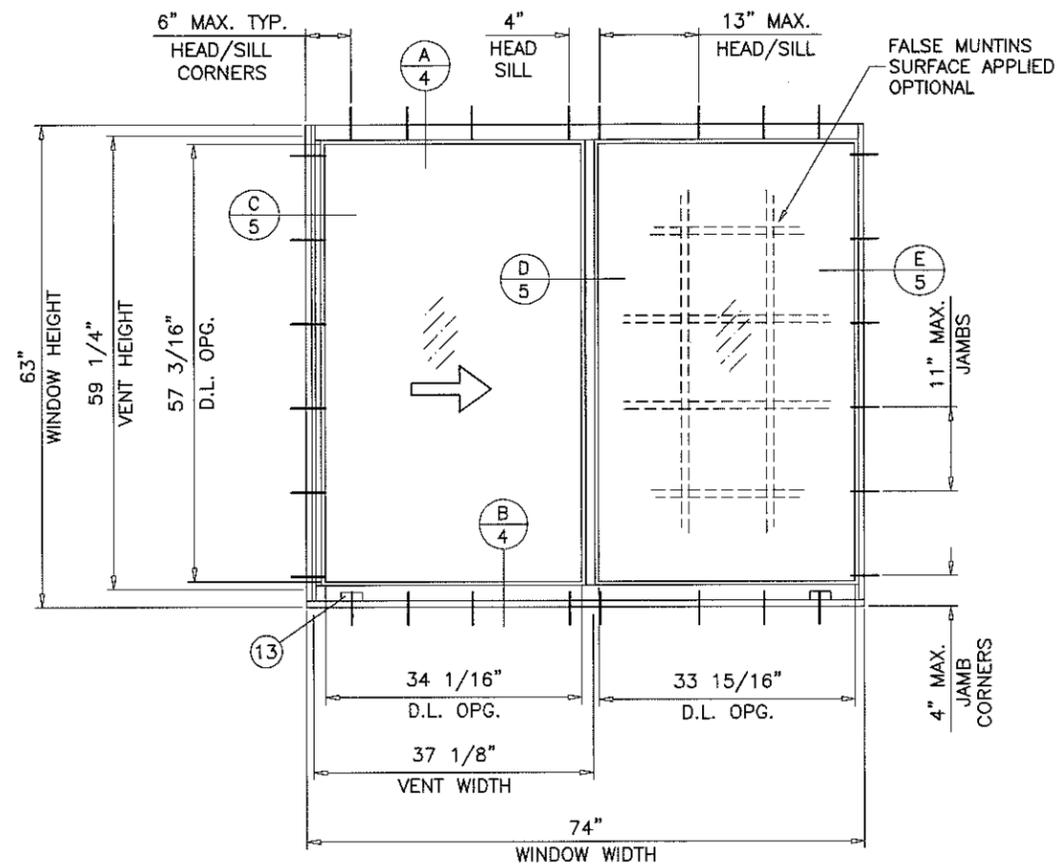
1. Statement letter of conformance, complying with **FBC 5<sup>th</sup> Edition (2014)** and of no financial interest, dated June 22, 2016, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Laboratory compliance letters for Test Report No. **FTL-5262**, dated 07/17/07, issued by Fenestration Testing Laboratory, Inc., signed and sealed by Carlos S. Rionda, P.E. (*Submitted NOA No. 07-0813.08*)
3. Proposal No. **16-0150** issued by the Product Control Section, dated February 29, 2016, signed by Manuel Perez, P.E.

**G. OTHERS**

1. Notice of Acceptance No. **15-0409.14**, issued to Curv-A-Tech Corporation for their Series "940" Aluminum Horizontal Rolling Window - L.M.I., approved on 07/23/15 and expiring on 09/27/17.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 16-0831.03

Expiration Date: September 27, 2017  
Approval Date: November 10, 2016



TYPICAL ELEVATIONS  
TESTED UNITS

**SERIES-940**

**ALUMINUM HORIZONTAL SLIDING WINDOW**

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 2.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF H.R./H.R. OR HORIZ. ROLLING WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2014 (5TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

ANCHORS SHALL BE SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2014 FLORIDA BUILDING CODE & ADOPTED STANDARDS.

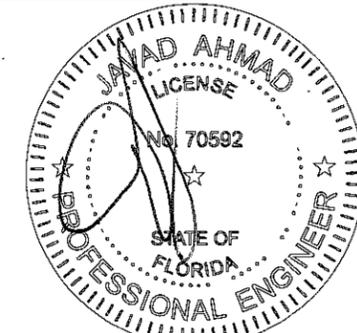
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC.

CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 16-0831.03  
Expiration Date Sept. 21, 2017  
By Manuel Perez  
Miami Dade Product Control

THIS NOA IS NOT VALID WITHOUT CORPORATE SEAL OF CURV-A-TECH CORPORATION AND A LABEL AFFIXED.



**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173 (C.A.N. 3538)  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL W07-59CC

SERIES-940 ALUM HORIZONTAL ROLLING WDW. (L.M.I.)  
**CURV-A-TECH CORPORATION**  
930 W. 23rd STREET  
HIALEAH, FL 33010  
TEL. (305) 888-9631 FAX. (305) 888-9969

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B	02.27.15	UPDATED TO 2014 FBC
C	07.13.15	REV. PER PER COMMENTS
D	08.11.16	GENERAL REVISION

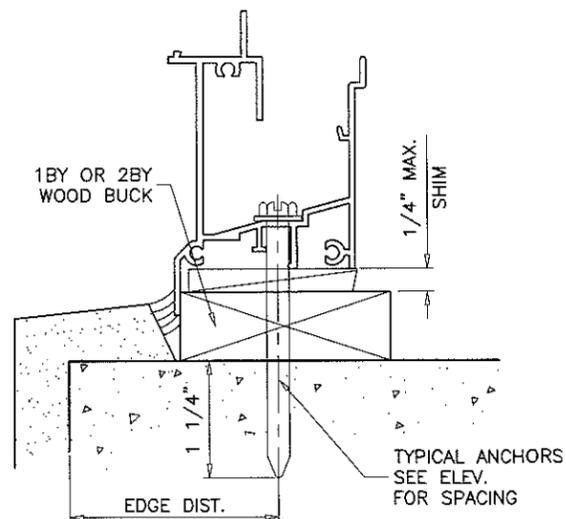
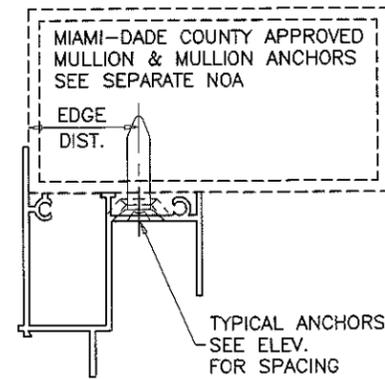
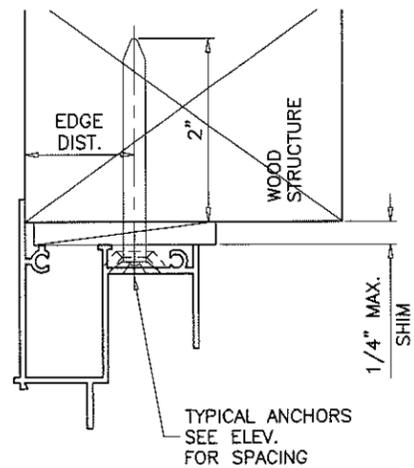
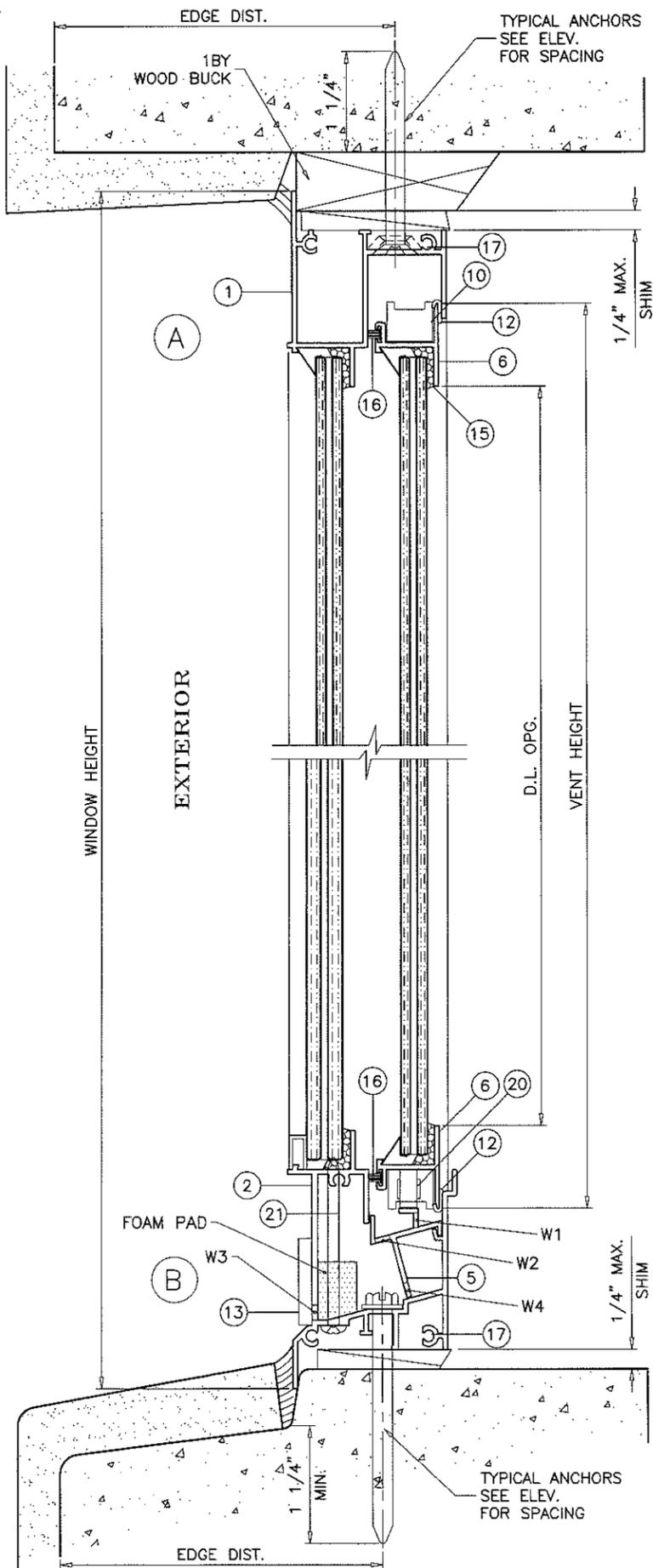
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chk. by:

drawing no.  
**W07-59**

sheet 1 of 6







1BY OR 2BY WOOD BUCKS AND METAL STRUCTURE NOT BY CURV-A-TECH MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

**WEEPHOLES:**

- W1 - 3/8" X 1" NOTCH IN LEG AT EACH END
- W2 - 1/4" X 2" NOTCH AT 2" FROM EACH END
- W3 - 1/4" X 2-1/4" NOTCH WITH NYLON BAFFLE AT 4" FROM EACH END  
OPEN CELL FOAM PAD (1/2" X 3/4" X 3-1/4")
- W4 - 1/2" X 1/8" NOTCH AT SILL TRACK  
1-1/4" FROM EACH END

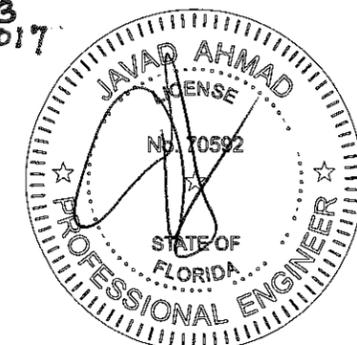
**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

- 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
- INTO WOOD STRUCTURES
- 2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)
- THRU 1BY OR 2BY BUCKS INTO CONC. OR MASONRY
- 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
- 1-1/4" MIN. EMBED INTO MASONRY (JAMBS)
- DIRECTLY INTO CONCRETE OR MASONRY
- 2" MIN. EMBED INTO CONCRETE (HEAD/SILL)
- 1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)
- #14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)
- INTO MIAMI-DADE COUNTY APPROVED MULLIONS OR
- INTO METAL STRUCTURES (JAMBS)
- ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
- STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
- (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**TYPICAL EDGE DISTANCE**

- INTO CONCRETE AND MASONRY = 2-1/2" MIN.
- INTO WOOD STRUCTURE = 1" MIN.
- INTO METAL STRUCTURE = 3/4" MIN.
- WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.
- CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
- C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 16-0831-03  
 Expiration Date Sept. 27, 2017  
 By *Manuel Ferrer*  
 Miami Dade Product Control



08/18/2015

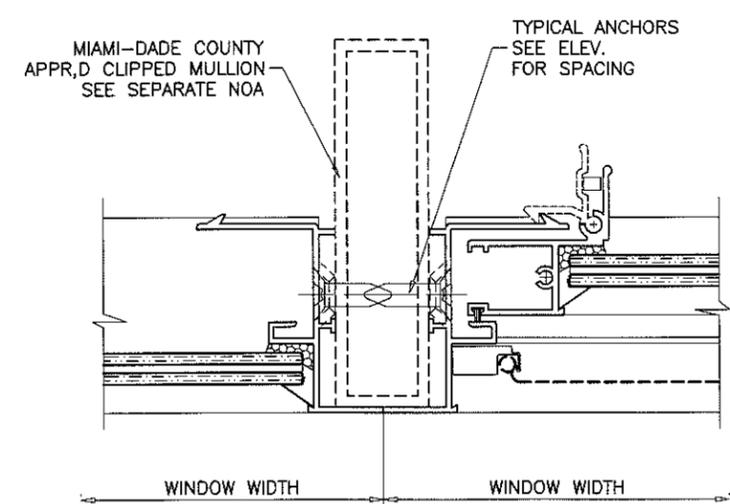
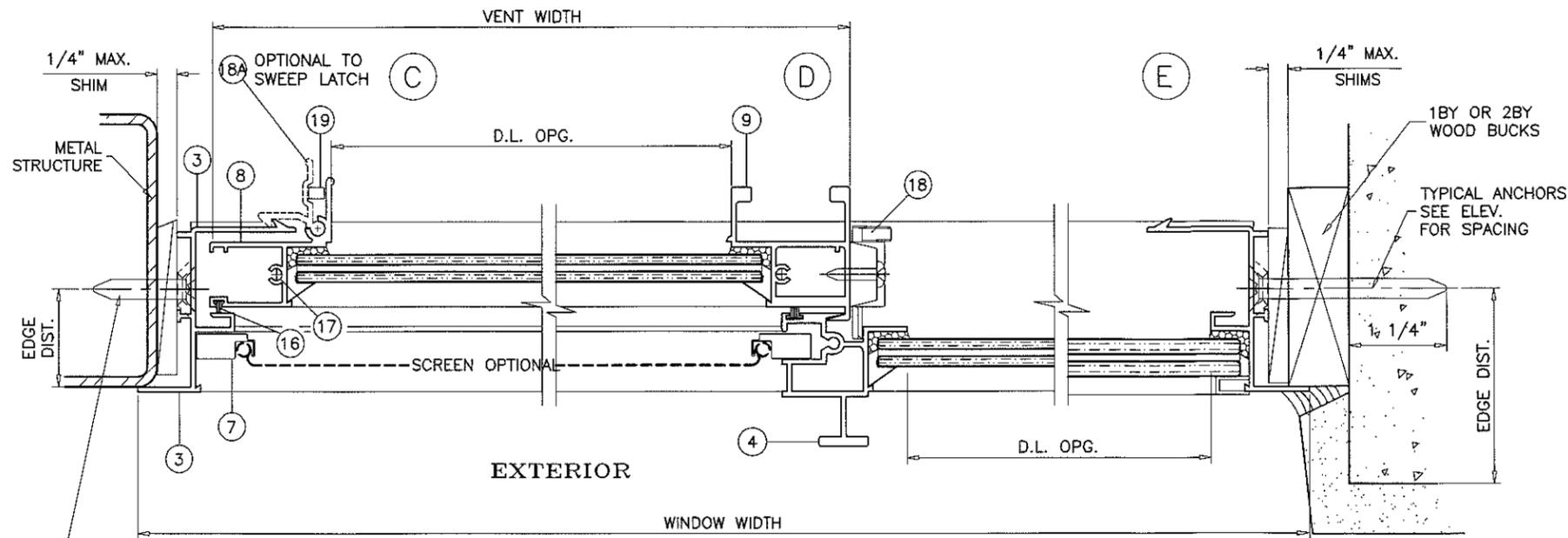
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173 (C.A.N. 3538)  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL W07-590C

SERIES-940 ALUM HORIZONTAL ROLLING WDW. (L.M.I.)  
**CURV-A-TECH CORPORATION**  
 930 W. 23rd STREET  
 HIALEAH, FL 33010  
 TEL. (305) 888-9631 FAX. (305) 888-9969

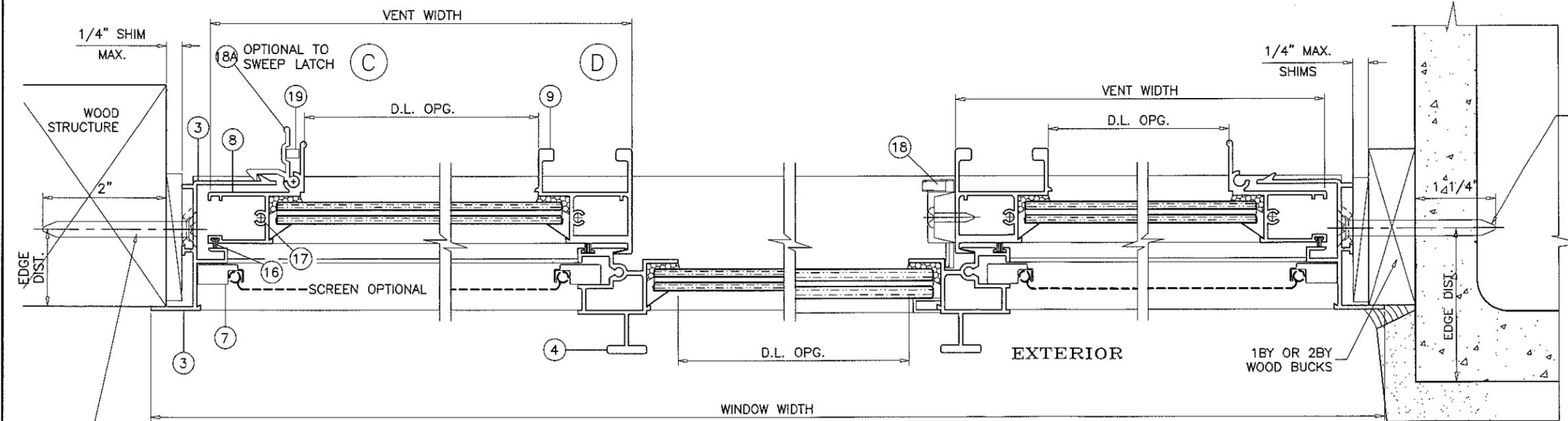
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 chk. by:

drawing no.  
**W07-59**  
 sheet 4 of 6



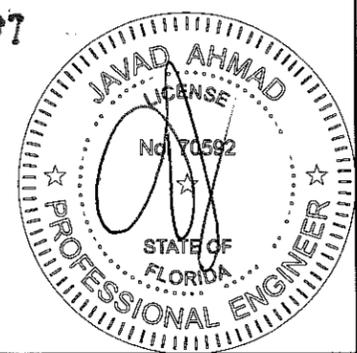
**XO LAYOUT**  
OX OPPOSITE



**XOX LAYOUT**

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Building Code  
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By *Manuel Perez*  
Miami Dade Product Control

REV. 18 2015



**afc**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)  
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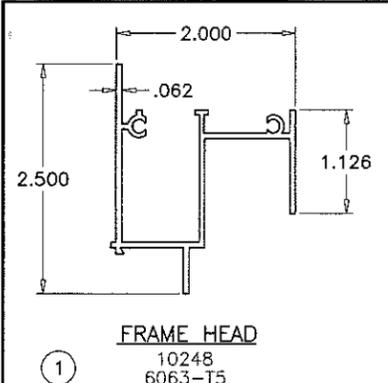
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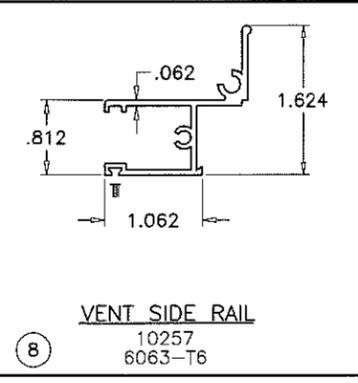
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sheet 5 of 6

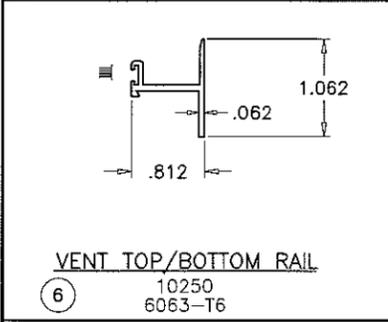
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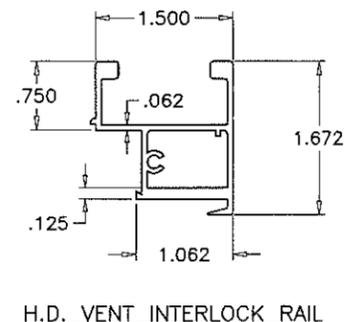
**1** FRAME HEAD  
10248  
6063-T5



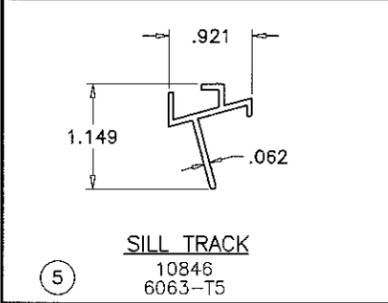
**8** VENT SIDE RAIL  
10257  
6063-T6



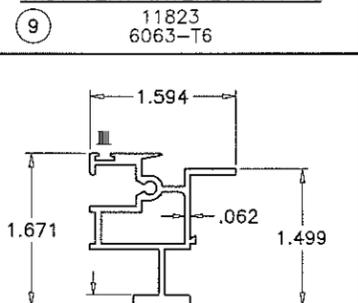
**6** VENT TOP/BOTTOM RAIL  
10250  
6063-T6



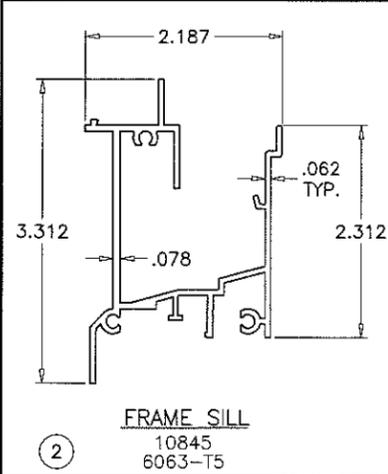
**9** H.D. VENT INTERLOCK RAIL  
11823  
6063-T6



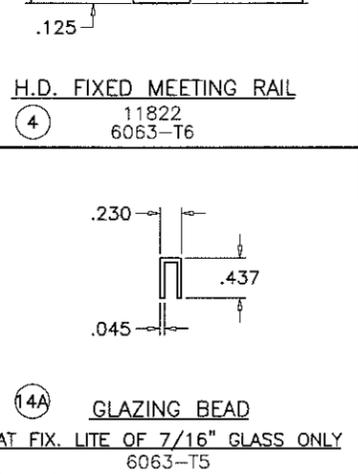
**5** SILL TRACK  
10846  
6063-T5



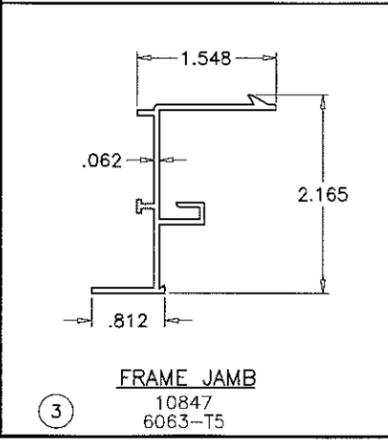
**4** H.D. FIXED MEETING RAIL  
11822  
6063-T6



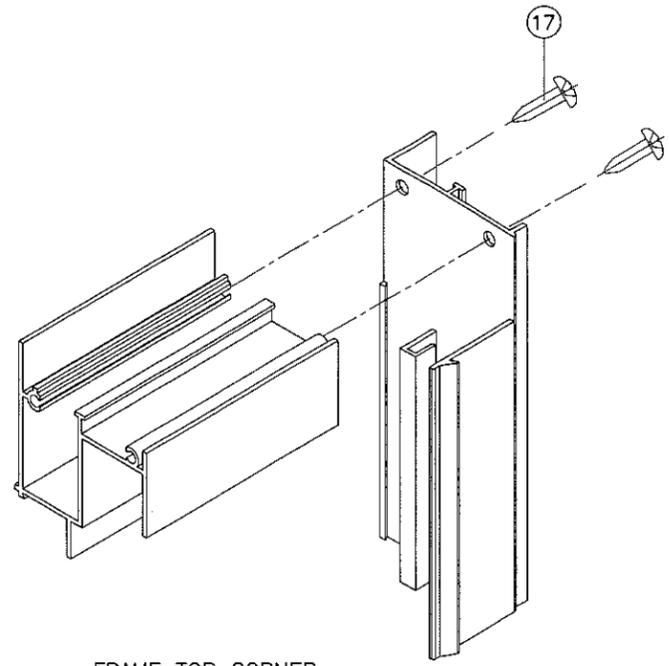
**2** FRAME SILL  
10845  
6063-T5



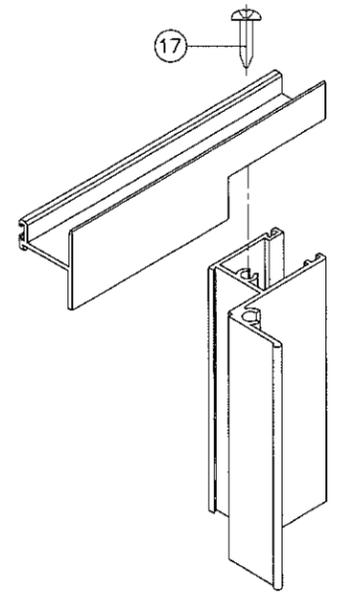
**14A** GLAZING BEAD  
AT FIX. LITE OF 7/16" GLASS ONLY  
6063-T5



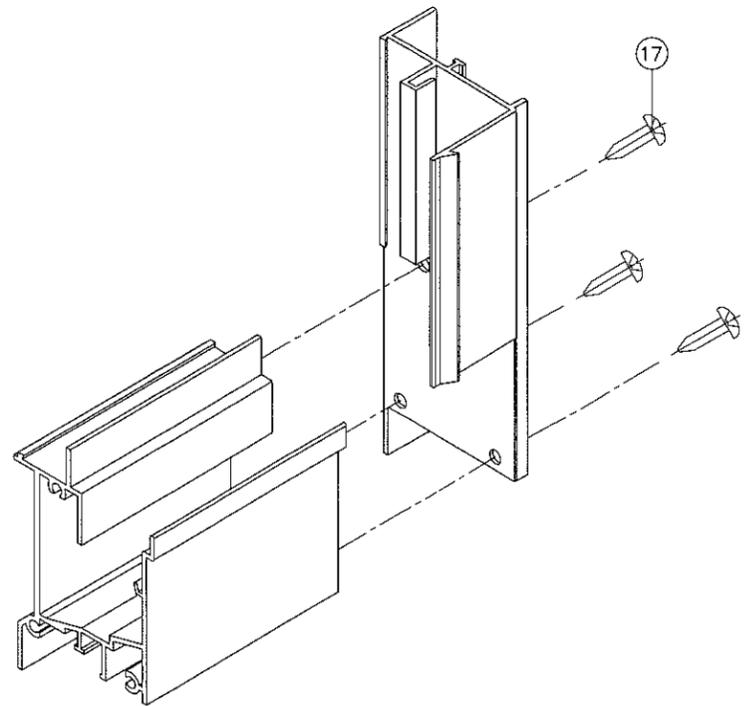
**3** FRAME JAMB  
10847  
6063-T5



FRAME TOP CORNER

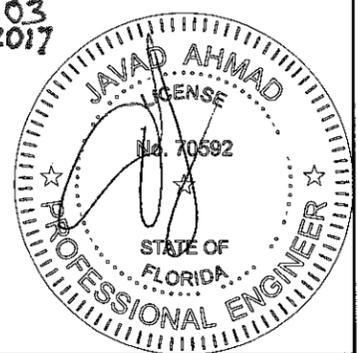


VENT TOP/BOTTOM CORNER



FRAME BOTTOM CORNER

PRODUCT REVISED  
to comply with the Florida  
Building Code  
Acceptance No. 16-0831.03  
Expiration Date Sep. 21, 2017  
By *Manuel Torres*  
Miami/Dade Product Control



18 2016

**afc**  
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ENGINEERS & PRODUCT DEVELOPMENT  
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SERIES-940 ALUM HORIZONTAL ROLLING WDW. (L.M.I.)  
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