



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  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599

[www.miamidade.gov/building](http://www.miamidade.gov/building)

**Pino's Window Corporation**  
**6860 NW 75<sup>th</sup> Street**  
**Medley, 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 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 "FWS-200" Aluminum Single Hung Window – N.I.

**APPROVAL DOCUMENT:** Drawing No **W12-20**, titled "Series FWS-200 Alum Single Hung Wdw. (N.I.)", sheets 1 through 5 of 5, dated 04/14/12, with revision **C** dated 11/05/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal 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 Section.

### MISSILE IMPACT RATING: None

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/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.

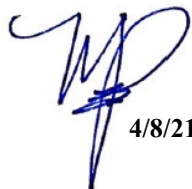
**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**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. 20-0109.07** 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.**



  
4/8/21

NOA No. 21-0122.16  
Expiration Date: March 12, 2025  
Approval Date: April 15, 2021  
Page 1

**Pino's Window Corporation**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.  
*(Submitted under NOA No. 13-0114.06)*
2. Drawing No **W12-20**, titled "Series FWS-200 Alum Single Hung Wdw. (N.I.)", sheets 1 through 5 of 5, dated 04/14/12, with revision B dated 12/17/19, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.  
*(Submitted under NOA No. 20-0109.07)*

**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 20294  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94  
along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-6670**, dated 03/21/12, signed and sealed by Marlin D. Brinson, P.E.  
*(Submitted under NOA No. 13-0114.06)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC 6<sup>th</sup> Edition (2017), prepared by Al-Farooq Corporation, dated 07/31/15 and updated on 11/01/19, signed and sealed by Javad Ahmad, P.E.  
*(Submitted under NOA No. 20-0109.07)*
2. Glazing complies with **ASTM E1300-09**

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

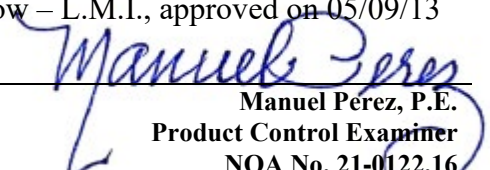
1. None.

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC 6<sup>th</sup> Edition (2017)**, and of no financial interest, dated December 19, 2019, signed and sealed by Javad Ahmad, P.E.  
*(Submitted under NOA No. 20-0109.07)*

**G. OTHERS**

1. Notice of Acceptance No. **13-0114.06**, issued to Pino's Window Corporation for their Series "FWS-200" Aluminum Single Hung Window – L.M.I., approved on 05/09/13 and expiring on 05/09/18.

  
Manuel Pérez, P.E.  
Product Control Examiner  
NOA No. 21-0122.16  
Expiration Date: March 12, 2025  
Approval Date: April 15, 2021

**Pino's Window Corporation**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**2. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No **W12-20**, titled "Series FWS-200 Alum Single Hung Wdw. (N.I.)", sheets 1 through 5 of 5, dated 04/14/12, with revision **C** dated 11/05/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

**B. TESTS**

1. None.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with **FBC 6<sup>th</sup> Edition (2017)**, dated 07/31/15 and updated on 10/26/20 to comply with **FBC 7<sup>th</sup> Edition (2020)**, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
2. Glazing complies with **ASTM E1300-09**

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

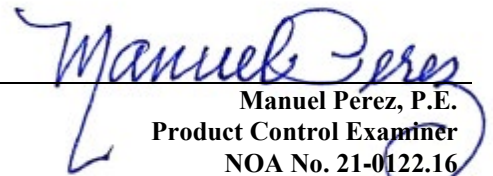
1. None.

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC 6<sup>th</sup> Edition (2017)**, with **FBC 7<sup>th</sup> Edition (2020)** and of no financial interest, dated October 26, 2020, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

**G. OTHERS**

1. Notice of Acceptance No. **20-0109.07**, issued to Pino's Window Corporation for their Series "FWS-200" Aluminum Single Hung Window – L.M.I., approved on 03/12/20 and expiring on 03/12/25.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 21-0122.16  
Expiration Date: March 12, 2025  
Approval Date: April 15, 2021

WINDOWS NOT RATED FOR IMPACT.  
INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA REQUIRES THE USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES COMPLYING WITH HVHZ REQUIREMENTS.  
INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA SHALL MEET THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

**SERIES FWS-200**  
**ALUMINUM SINGLE HUNG 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 S.H./S.H. OR SINGLE HUNG 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 2020 (7TH 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.

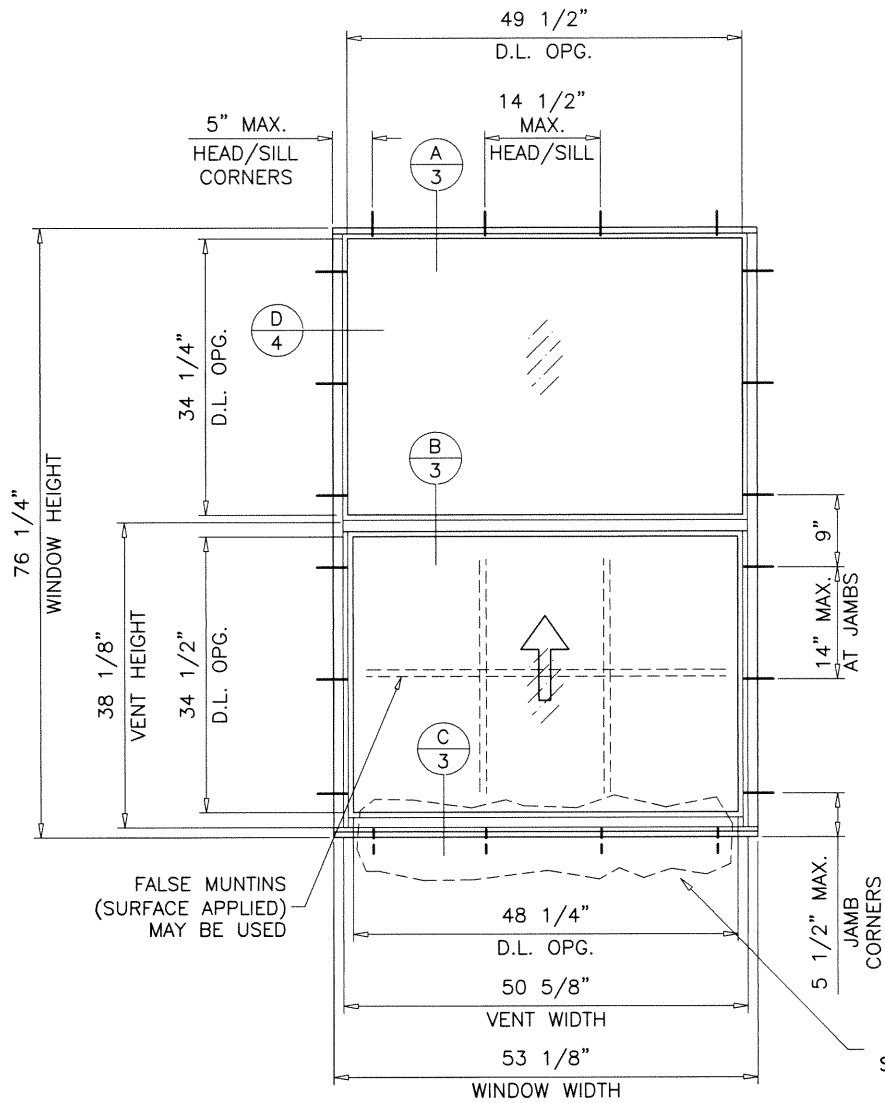
ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY. ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

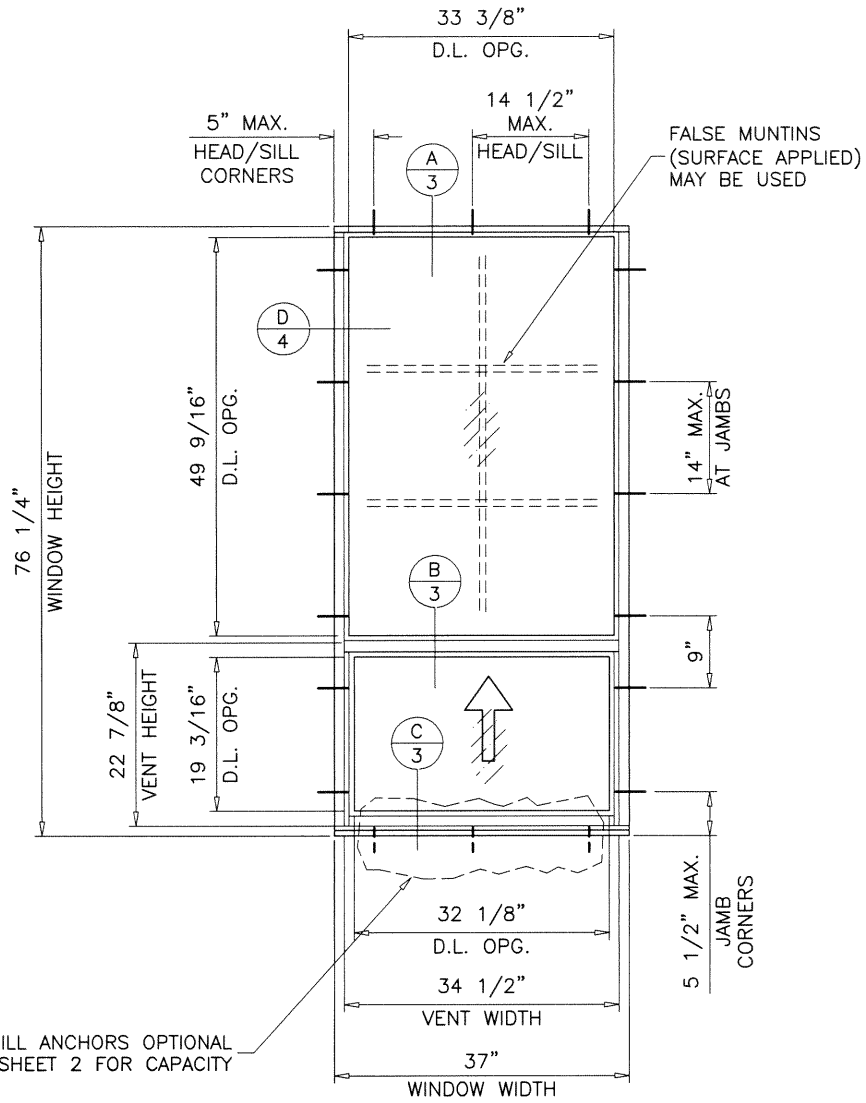
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2020 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

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.

DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

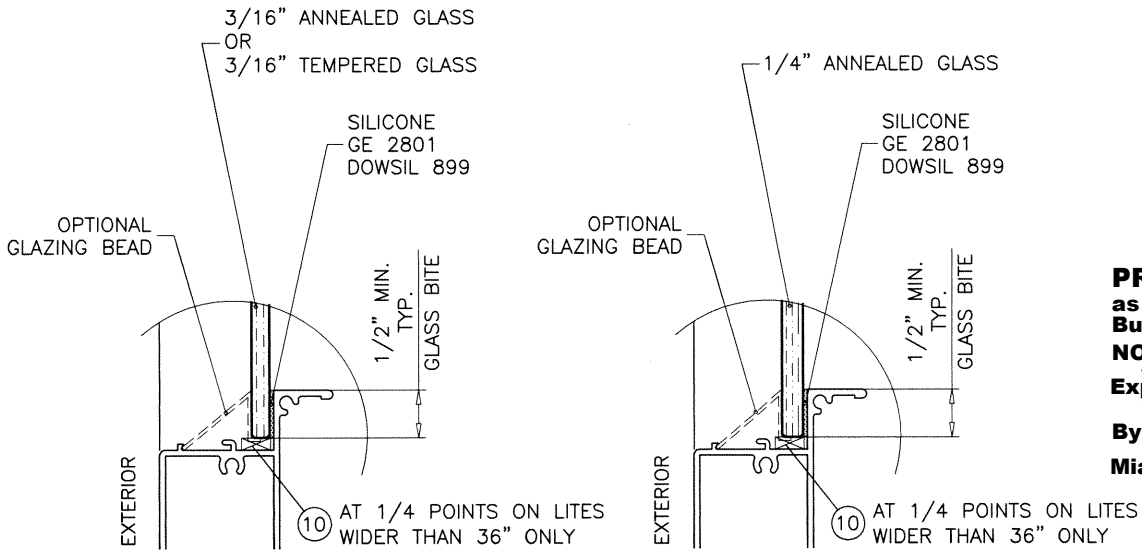


EQUAL LITES



UNEQUAL LITES (ORIEL TYPE)  
SEE CHART ON SHEET 2 FOR OTHER SIZES

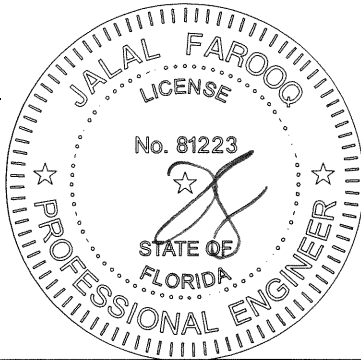
**TYPICAL ELEVATIONS**



GLAZING OPTIONS

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
**NOA-No. 21-0122.16**  
**Expiration Date: 03/12/2025**  
By: *Manuel Perez*  
Miami-Dade Product Control

**MONOLITHIC GLASS**  
**NON IMPACT**



JAN 21 2021

**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL W12-20PWC

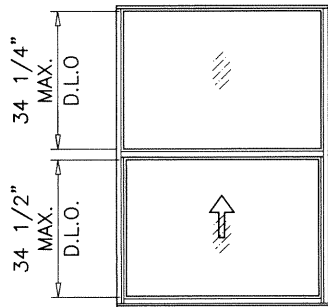
SERIES FWS-200 ALUM SINGLE HUNG WDW. (N.I.)  
**Pino's Window Corp.**  
6860 N.W. 75th Street  
Medley, FL. 33166  
Tel. (305) 888-9946 Fax (305) 888-8079

| revisions:  |          | date   | by          | description            |
|-------------|----------|--------|-------------|------------------------|
| no          | date     | by     | description |                        |
| A           | 07.21.15 |        |             | UPDATED TO 2014 FBC    |
| B           | 12.17.19 |        |             | EDITORIAL CHANGES ONLY |
| C           | 11.05.20 |        |             | UPDATED TO 2020 FBC    |
| date:       | 04-14-12 | scale: | 1/2"=1'-0"  | dr. by: TARIQ          |
| chk. by:    |          |        |             |                        |
| drawing no. | W12-20   |        |             |                        |
| sheet       | 1 of 5   |        |             |                        |



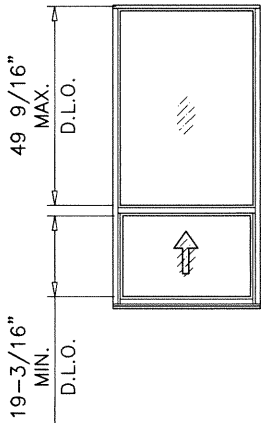
| EQUAL LITES WINDOWS        |                |                              |         |                 |         |                   |         |                           |         |                 |         |                   |         |
|----------------------------|----------------|------------------------------|---------|-----------------|---------|-------------------|---------|---------------------------|---------|-----------------|---------|-------------------|---------|
| DESIGN LOAD CAPACITY - PSF |                |                              |         |                 |         |                   |         |                           |         |                 |         |                   |         |
| WINDOW DIMS.               |                | WINDOWS WITHOUT SILL ANCHORS |         |                 |         |                   |         | WINDOWS WITH SILL ANCHORS |         |                 |         |                   |         |
|                            |                | 3/16" ANN. GLASS             |         | 1/4" ANN. GLASS |         | 3/16" TEMP. GLASS |         | 3/16" ANN. GLASS          |         | 1/4" ANN. GLASS |         | 3/16" TEMP. GLASS |         |
| WIDTH                      | HEIGHT         | EXT.(+)                      | INT.(-) | EXT.(+)         | INT.(-) | EXT.(+)           | INT.(-) | EXT.(+)                   | INT.(-) | EXT.(+)         | INT.(-) | EXT.(+)           | INT.(-) |
| 19-1/8"                    | 26"<br>(3)     | 66.7                         | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   | 66.7                      | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   |
| 26-1/2"                    |                | 66.7                         | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   | 66.7                      | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   |
| 32"                        |                | 66.7                         | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   | 66.7                      | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   |
| 37"                        |                | 66.7                         | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   | 66.7                      | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   |
| 42"                        |                | 66.7                         | 119.2   | 66.7            | 119.2   | 66.7              | 119.2   | 66.7                      | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   |
| 48"                        |                | 66.7                         | 104.3   | 66.7            | 104.3   | 66.7              | 104.3   | 66.7                      | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   |
| 53-1/8"                    |                | 66.7                         | 94.3    | 66.7            | 94.3    | 66.7              | 94.3    | 66.7                      | 117.8   | 66.7            | 125.0   | 66.7              | 125.0   |
| 19-1/8"                    | 38-3/8"<br>(4) | 66.7                         | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   | 66.7                      | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   |
| 26-1/2"                    |                | 66.7                         | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   | 66.7                      | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   |
| 32"                        |                | 66.7                         | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   | 66.7                      | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   |
| 37"                        |                | 66.7                         | 122.3   | 66.7            | 122.3   | 66.7              | 122.3   | 66.7                      | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   |
| 42"                        |                | 66.7                         | 107.7   | 66.7            | 107.7   | 66.7              | 107.7   | 66.7                      | 114.9   | 66.7            | 125.0   | 66.7              | 125.0   |
| 48"                        |                | 66.7                         | 94.2    | 66.7            | 94.2    | 66.7              | 94.2    | 66.7                      | 96.9    | 66.7            | 123.4   | 66.7              | 125.0   |
| 53-1/8"                    |                | 66.7                         | 85.2    | 66.7            | 85.2    | 66.7              | 85.2    | 66.7                      | 85.5    | 66.7            | 108.8   | 66.7              | 110.3   |
| 19-1/8"                    | 50-5/8"<br>(4) | 66.7                         | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   | 66.7                      | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   |
| 26-1/2"                    |                | 66.7                         | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   | 66.7                      | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   |
| 32"                        |                | 66.7                         | 107.2   | 66.7            | 107.2   | 66.7              | 107.2   | 66.7                      | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   |
| 37"                        |                | 66.7                         | 92.7    | 66.7            | 92.7    | 66.7              | 92.7    | 66.7                      | 115.9   | 66.7            | 125.0   | 66.7              | 125.0   |
| 42"                        |                | 66.7                         | 81.6    | 66.7            | 81.6    | 66.7              | 81.6    | 66.7                      | 96.2    | 66.7            | 122.4   | 66.7              | 125.0   |
| 48"                        |                | 66.7                         | 71.4    | 66.7            | 71.4    | 66.7              | 71.4    | 66.7                      | 79.8    | 66.7            | 101.6   | 66.7              | 104.4   |
| 53-1/8"                    |                | 64.6                         | 64.6    | 64.6            | 64.6    | 64.6              | 64.6    | 66.7                      | 69.7    | 66.7            | 88.7    | 66.7              | 90.3    |
| 19-1/8"                    | 57"<br>(6)     | 66.7                         | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   | 66.7                      | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   |
| 26-1/2"                    |                | 66.7                         | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   | 66.7                      | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   |
| 32"                        |                | 66.7                         | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   | 66.7                      | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   |
| 37"                        |                | 66.7                         | 107.5   | 66.7            | 123.5   | 66.7              | 123.5   | 66.7                      | 107.5   | 66.7            | 125.0   | 66.7              | 125.0   |
| 42"                        |                | 66.7                         | 90.3    | 66.7            | 108.8   | 66.7              | 108.8   | 66.7                      | 90.3    | 66.7            | 114.9   | 66.7              | 120.6   |
| 48"                        |                | 66.7                         | 74.3    | 66.7            | 94.5    | 66.7              | 95.2    | 66.7                      | 74.3    | 66.7            | 94.5    | 66.7              | 97.5    |
| 53-1/8"                    |                | 64.5                         | 64.5    | 66.7            | 82.0    | 66.7              | 83.7    | 64.5                      | 64.5    | 66.7            | 82.0    | 66.7              | 83.7    |
| 19-1/8"                    | 63"<br>(6)     | 66.7                         | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   | 66.7                      | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   |
| 26-1/2"                    |                | 66.7                         | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   | 66.7                      | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   |
| 32"                        |                | 66.7                         | 111.2   | 66.7            | 125.0   | 66.7              | 125.0   | 66.7                      | 111.2   | 66.7            | 125.0   | 66.7              | 125.0   |
| 37"                        |                | 66.7                         | 98.0    | 66.7            | 111.7   | 66.7              | 111.7   | 66.7                      | 98.0    | 66.7            | 125.0   | 66.7              | 125.0   |
| 42"                        |                | 66.7                         | 85.6    | 66.7            | 98.4    | 66.7              | 98.4    | 66.7                      | 85.6    | 66.7            | 109.9   | 66.7              | 116.0   |
| 48"                        |                | 66.7                         | 70.3    | 66.7            | 86.1    | 66.7              | 86.1    | 66.7                      | 70.3    | 66.7            | 89.5    | 66.7              | 92.6    |
| 53-1/8"                    |                | 60.7                         | 60.7    | 66.7            | 77.2    | 66.7              | 77.8    | 60.7                      | 60.7    | 66.7            | 77.2    | 66.7              | 79.0    |
| 19-1/8"                    | 76-1/4"<br>(6) | 66.7                         | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   | 66.7                      | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   |
| 26-1/2"                    |                | 66.7                         | 110.6   | 66.7            | 125.0   | 66.7              | 125.0   | 66.7                      | 110.6   | 66.7            | 125.0   | 66.7              | 125.0   |
| 32"                        |                | 66.7                         | 93.8    | 66.7            | 106.7   | 66.7              | 106.7   | 66.7                      | 93.8    | 66.7            | 123.6   | 66.7              | 125.0   |
| 37"                        |                | 66.7                         | 80.8    | 66.7            | 92.3    | 66.7              | 92.3    | 66.7                      | 80.8    | 66.7            | 105.1   | 66.7              | 121.9   |
| 42"                        |                | 66.7                         | 73.1    | 66.7            | 81.3    | 66.7              | 81.3    | 66.7                      | 73.1    | 66.7            | 94.0    | 66.7              | 111.4   |
| 48"                        |                | 64.7                         | 64.7    | 66.7            | 71.2    | 66.7              | 71.2    | 64.7                      | 64.7    | 66.7            | 82.4    | 66.7              | 86.1    |
| 53-1/8"                    |                | 55.0                         | 55.0    | 64.3            | 64.3    | 64.3              | 64.3    | 55.0                      | 55.0    | 66.7            | 70.0    | 66.7              | 72.1    |

\* NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.



| UNEQUAL LITES WINDOWS      |                |                              |         |                 |         |                   |         |                           |         |                 |         |                   |         |
|----------------------------|----------------|------------------------------|---------|-----------------|---------|-------------------|---------|---------------------------|---------|-----------------|---------|-------------------|---------|
| DESIGN LOAD CAPACITY - PSF |                |                              |         |                 |         |                   |         |                           |         |                 |         |                   |         |
| WINDOW DIMS.               |                | WINDOWS WITHOUT SILL ANCHORS |         |                 |         |                   |         | WINDOWS WITH SILL ANCHORS |         |                 |         |                   |         |
|                            |                | 3/16" ANN. GLASS             |         | 1/4" ANN. GLASS |         | 3/16" TEMP. GLASS |         | 3/16" ANN. GLASS          |         | 1/4" ANN. GLASS |         | 3/16" TEMP. GLASS |         |
| WIDTH                      | HEIGHT         | EXT.(+)                      | INT.(-) | EXT.(+)         | INT.(-) | EXT.(+)           | INT.(-) | EXT.(+)                   | INT.(-) | EXT.(+)         | INT.(-) | EXT.(+)           | INT.(-) |
| 19-1/8"                    | 50-5/8"<br>(5) | 66.7                         | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   | 66.7                      | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   |
| 26-1/2"                    |                | 66.7                         | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   | 66.7                      | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   |
| 32"                        |                | 66.7                         | 111.5   | 66.7            | 125.0   | 66.7              | 125.0   | 66.7                      | 111.5   | 66.7            | 125.0   | 66.7              | 125.0   |
| 37"                        |                | 66.7                         | 98.3    | 66.7            | 115.9   | 66.7              | 115.9   | 66.7                      | 98.3    | 66.7            | 125.0   | 66.7              | 125.0   |
| 42"                        |                | 66.7                         | 85.8    | 66.7            | 102.1   | 66.7              | 102.1   | 66.7                      | 85.8    | 66.7            | 113.7   | 66.7              | 125.0   |
| 48"                        |                | 66.7                         | 72.6    | 66.7            | 89.3    | 66.7              | 89.3    | 66.7                      | 72.6    | 66.7            | 97.0    | 66.7              | 106.8   |
| 53-1/8"                    |                | 63.2                         | 63.2    | 66.7            | 80.7    | 66.7              | 80.7    | 63.2                      | 63.2    | 66.7            | 85.6    | 66.7              | 92.1    |
| 19-1/8"                    | 57"<br>(5)     | 66.7                         | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   | 66.7                      | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   |
| 26-1/2"                    |                | 66.7                         | 111.7   | 66.7            | 125.0   | 66.7              | 125.0   | 66.7                      | 111.7   | 66.7            | 125.0   | 66.7              | 125.0   |
| 32"                        |                | 66.7                         | 94.6    | 66.7            | 119.0   | 66.7              | 119.0   | 66.7                      | 94.6    | 66.7            | 124.7   | 66.7              | 125.0   |
| 37"                        |                | 66.7                         | 81.3    | 66.7            | 102.9   | 66.7              | 102.9   | 66.7                      | 81.3    | 66.7            | 105.9   | 66.7              | 125.0   |
| 42"                        |                | 66.7                         | 73.7    | 66.7            | 90.6    | 66.7              | 90.6    | 66.7                      | 73.7    | 66.7            | 94.7    | 66.7              | 125.0   |
| 48"                        |                | 65.2                         | 65.2    | 66.7            | 79.3    | 66.7              | 79.3    | 65.2                      | 65.2    | 66.7            | 83.2    | 66.7              | 102.5   |
| 53-1/8"                    |                | 57.9                         | 57.9    | 66.7            | 71.7    | 66.7              | 71.7    | 57.9                      | 57.9    | 66.7            | 74.1    | 66.7              | 87.4    |
| 19-1/8"                    | 63"<br>(6)     | 66.7                         | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   | 66.7                      | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   |
| 26-1/2"                    |                | 66.7                         | 92.7    | 66.7            | 125.0   | 66.7              | 125.0   | 66.7                      | 92.7    | 66.7            | 125.0   | 66.7              | 125.0   |
| 32"                        |                | 66.7                         | 80.6    | 66.7            | 106.5   | 66.7              | 125.0   | 66.7                      | 80.6    | 66.7            | 106.5   | 66.7              | 125.0   |
| 37"                        |                | 66.7                         | 72.4    | 66.7            | 93.1    | 66.7              | 111.7   | 66.7                      | 72.4    | 66.7            | 93.1    | 66.7              | 125.0   |
| 42"                        |                | 64.1                         | 64.1    | 66.7            | 81.5    | 66.7              | 98.4    | 64.1                      | 64.1    | 66.7            | 81.5    | 66.7              | 125.0   |
| 48"                        |                | 57.9                         | 57.9    | 66.7            | 73.0    | 66.7              | 86.1    | 57.9                      | 57.9    | 66.7            | 73.0    | 66.7              | 100.8   |
| 53-1/8"                    |                | 53.4                         | 53.4    | 66.7            | 68.9    | 66.7              | 92.3    | 53.4                      | 53.4    | 66.7            | 68.9    | 66.7              | 117.5   |
| 19-1/8"                    | 76-1/4"<br>(6) | 66.7                         | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   | 66.7                      | 125.0   | 66.7            | 125.0   | 66.7              | 125.0   |
| 26-1/2"                    |                | 66.7                         | 68.0    | 66.7            | 98.7    | 66.7              | 125.0   | 66.7                      | 68.0    | 66.7            | 98.7    | 66.7              | 125.0   |
| 32"                        |                | 56.7                         | 56.7    | 66.7            | 76.9    | 66.7              | 106.7   | 56.7                      | 56.7    | 66.7            | 76.9    | 66.7              | 125.0   |
| 37"                        |                | 53.4                         | 53.4    | 66.7            | 68.9    | 66.7              | 92.3    | 53.4                      | 53.4    | 66.7            | 68.9    | 66.7              | 117.5   |
| 48"                        |                | 53.4                         | 53.4    | 66.7            | 68.9    | 66.7              | 92.3    | 53.4                      | 53.4    | 66.7            | 68.9    | 66.7              | 117.5   |

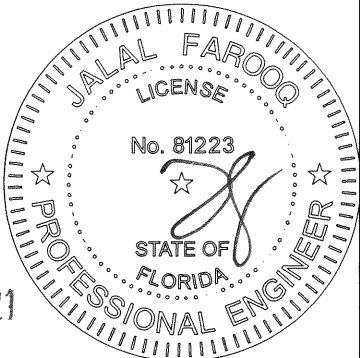
\* NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.



NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-09 (3 SEC. GUSTS)  
AND FLORIDA BUILDING COMMISSION  
DECLARATORY STATEMENT DCA05-DEC-219

**PRODUCT REVISED**  
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NOA-No. **21-0122.16**  
Expiration Date: **03/12/2025**  
By: *Manuel Perez*  
Miami-Dade Product Control

JAN 21 2021



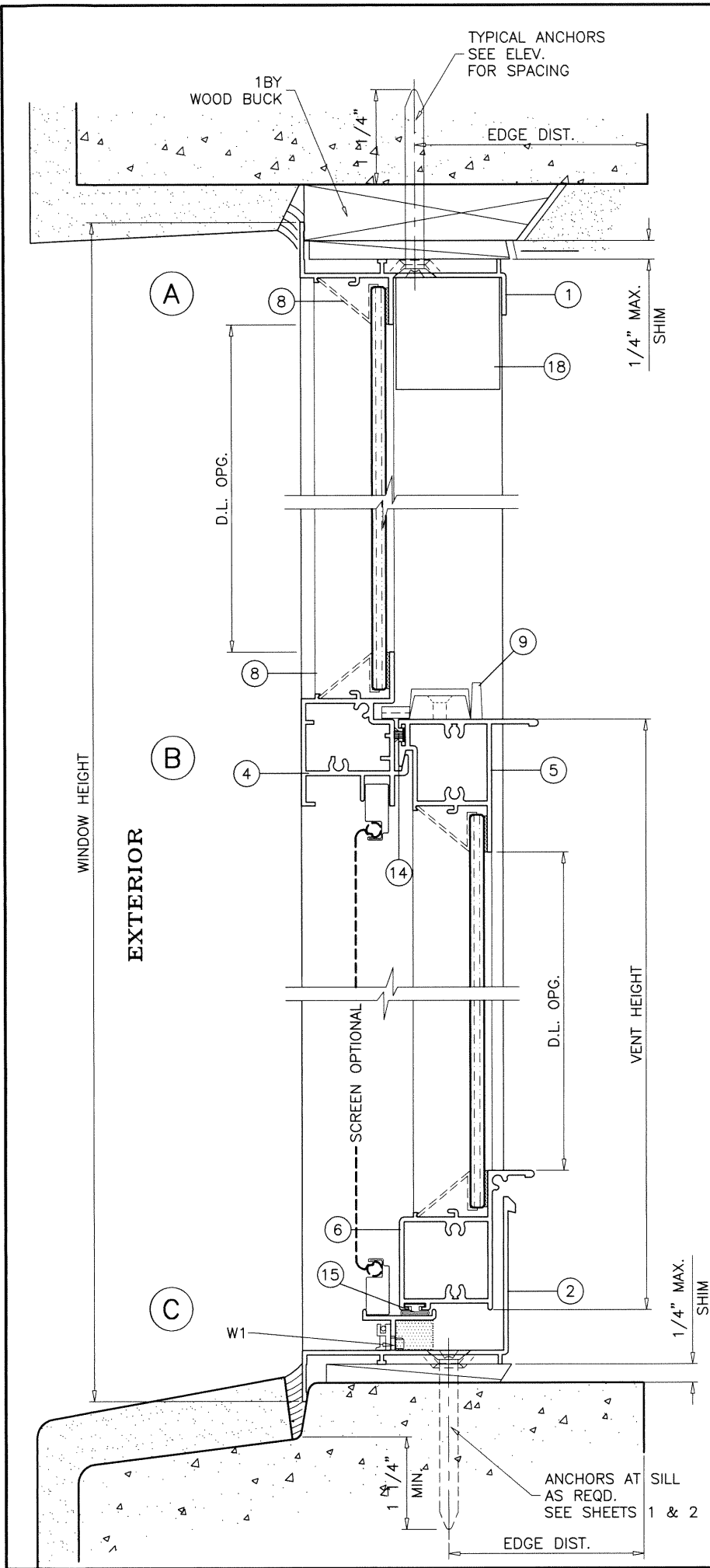
**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL. (305) 262-6978  
FAX. (305) 262-6978  
(C.A.N. 3538)

SERIES FWS-200 ALUM SINGLE HUNG WDW. (N.I.)

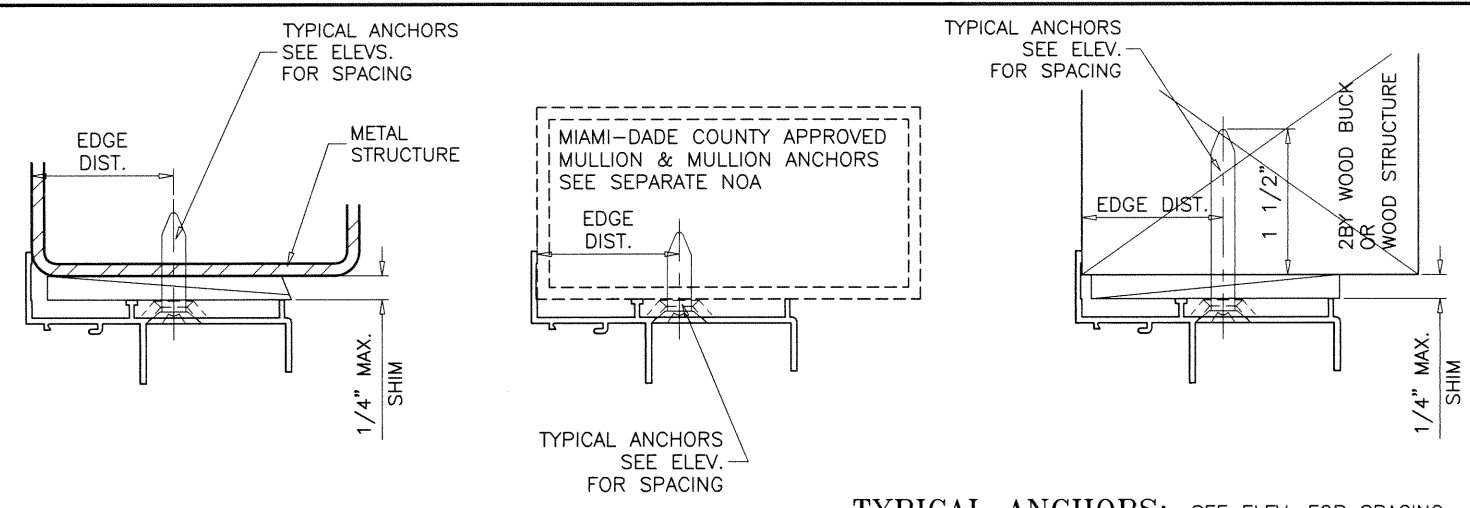
**Pino's Window Corp.**  
6860 N.W. 75th Street  
Medley, FL. 33166  
Tel. (305) 888-9946 Fax (305) 888-8079

revisions:  
no date by description  
A 07.21.15 UPDATED TO 2014 FBC  
B 12.17.19 EDITORIAL CHANGES ONLY  
C 11.05.20 UPDATED TO 2020 FBC

date: 04-14-12  
scale: 1/2" = 1"  
dr. by: TARIQ  
chk. by:  
drawing no.  
**W12-20**  
sheet 2 of 5



WOOD BUCKS AND METAL STRUCTURE NOT BY 'PINO'S WINDOW' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.



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

**1/4" DIA. ULTRACON+ BY 'DEWALT'** ( $F_u=164$  KSI,  $F_y=148$  KSI)  
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)  
 THRU 1BY BUCKS INTO CONC. OR MASONRY  
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)  
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)  
 DIRECTLY INTO CONC. OR MASONRY  
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)  
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)

**1/4" DIA. TEKS OR SELF DRILLING SCREWS** (GRADE 5 CRS)  
 INTO METAL STRUCTURES  
 STEEL : 1/8" THK. MIN. ( $F_y = 36$  KSI MIN.)  
 ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)  
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

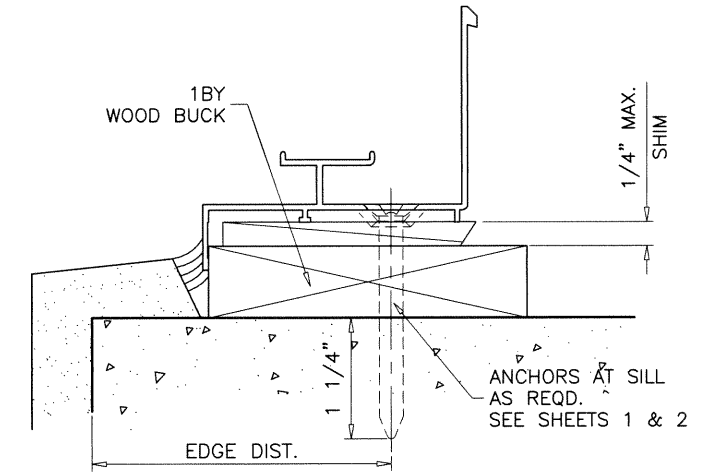
**#12 SMS OR SELF DRILLING SCREWS** (GRADE 2 CRS)  
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8")  
 (NO SHIM SPACE)

**TYPICAL EDGE DISTANCE**  
 INTO CONCRETE AND MASONRY = 1-1/2" 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.

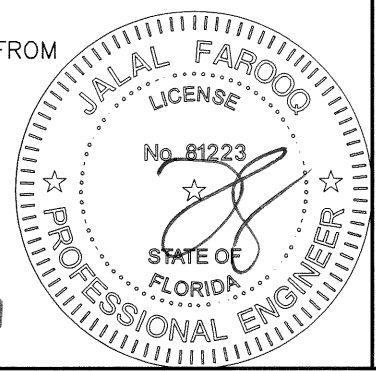
**SEALANT:**  
 ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SCHNEE-MOREHEAD 5504 SEALANT.

**WEEPHOLES:**  
 W1 = 1-1/2" X 1/4" WEEPHOLES AT 3-1/2" FROM EACH END



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 Miami-Dade Product Control

JAN 21 2021



**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173  
 TEL. (305) 264-8100 FAX. (305) 262-6978

COMP-ANL W12-20PWC

SERIES FWS-200 ALUM SINGLE HUNG WDW. (N.I.)

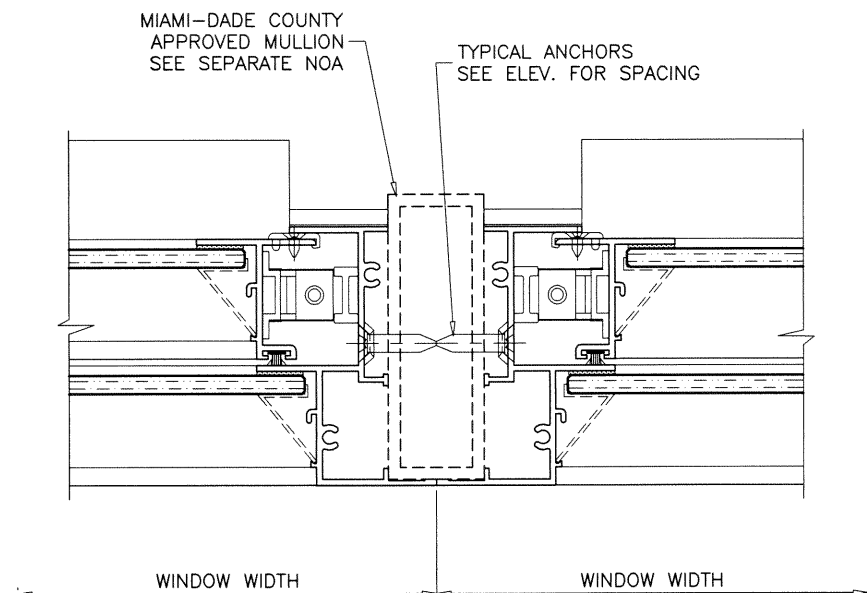
**Pino's Window Corp.**  
 6860 N.W. 75th Street  
 Medley, FL. 33166  
 Tel. (305) 888-9946 Fax (305) 888-8079

| revisions: | no | date     | by | description            |
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|            | A  | 07.21.15 |    | UPDATED TO 2014 FBC    |
|            | B  | 12.17.19 |    | EDITORIAL CHANGES ONLY |
|            | C  | 11.05.20 |    | UPDATED TO 2020 FBC    |

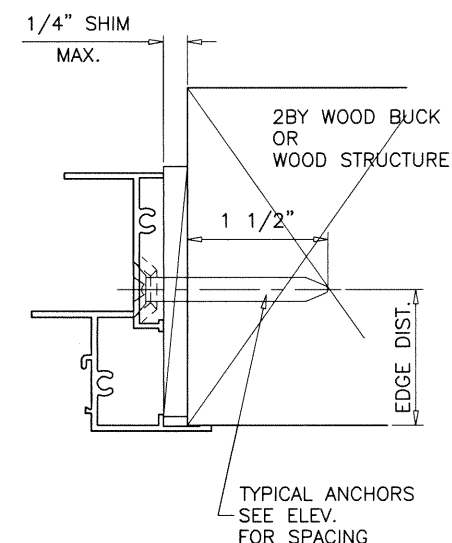
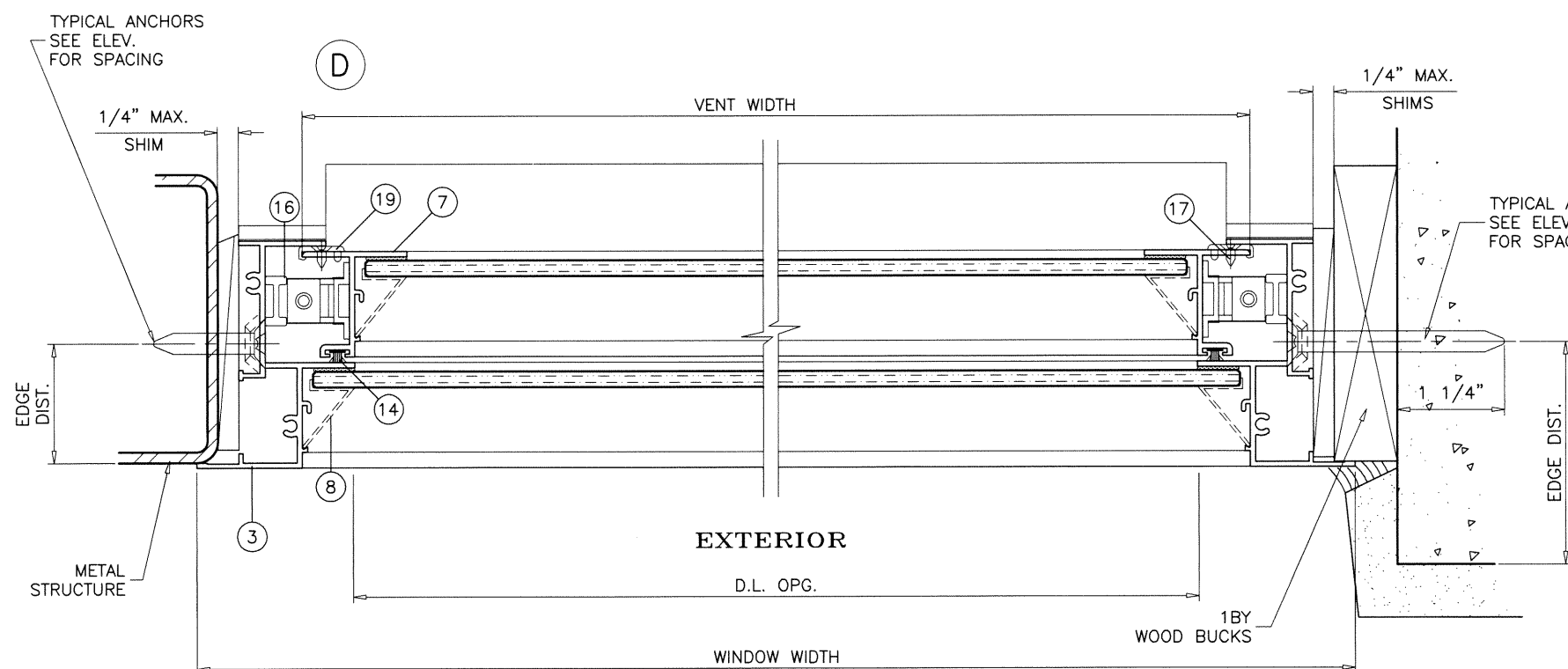
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 scale: 1/2" = 1"  
 dr. by: TARIQ  
 chk. by:

drawing no.  
**W12-20**  
 sheet 3 of 5



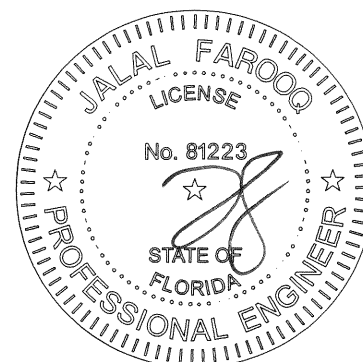


| ITEM # | PART #      | REQD.     | DESCRIPTION                           | MATERIAL   | MANF./SUPPLIER/REMARKS           |
|--------|-------------|-----------|---------------------------------------|------------|----------------------------------|
| 1      | FWS-020     | 1         | FRAME HEAD                            | 6063-T6    | -                                |
| 2      | FWS-021     | 1         | FRAME SILL                            | 6063-T6    | -                                |
| 3      | FWS-022     | 2         | FRAME JAMB                            | 6063-T6    | -                                |
| 4      | FWS-025     | 1         | FIXED MTG. RAIL                       | 6063-T6    | -                                |
| 5      | FWS-024     | 1         | VENT TOP RAIL                         | 6063-T6    | -                                |
| 6      | FWS-023     | 1         | VENT BOTTOM RAIL                      | 6063-T6    | -                                |
| 7      | FWS-016     | 2         | VENT SIDE RAIL                        | 6063-T6    | -                                |
| 8      | -           | AS REQD.  | OPTIONAL GLAZING BEAD                 | ALUMINUM   | ROLL FORMED                      |
| 9      | -           | 2/VENT    | CAM TYPE SWEEP LOCK, AT 12" FROM ENDS | ZAMAK      | INTALLED W/ (2) #6 X 3/4" PH SMS |
| 10     | -           | AS REQD.  | SETTING BLOCKS                        | EPDM       | DUROMETER 80±5 SHORE A           |
| 11     | 895         | AS REQD.  | GLAZING COMPOUND                      | -          | PECORA                           |
| 12     | #8 X 1-1/4" | 2/ CORNER | FRAME & FIX. RAIL ASSEMBLY SCREWS     | CRS        | PH SMS                           |
| 13     | #8 X 3/4"   | 2/ CORNER | VENT ASSEMBLY SCREWS                  | CRS        | PH SMS                           |
| 14     | W21175      | AS REQD.  | PILE W'STRIPPING WITH PLASTIC FIN     | -          | ULTRAFAB                         |
| 15     | E205        | AS REQD.  | BULB W'STRIPPING                      | SANTOPRENE | -                                |
| 16     | -           | 2/VENT    | BLOCK AND TACKLE BALANCE              | -          | -                                |
| 17     | #6 X 3/8"   | -         | SASH GUIDE SCREWS                     | -          | FH                               |
| 18     | 20-09       | 2         | SASH STOP                             | ALUMINUM   | -                                |
| 19     | -           | 4         | SASH GUIDE                            | -          | -                                |
| 20     | -           | 1         | 5/16" BOX SCREEN                      | -          | OPTIONAL                         |



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COMP - ANL \ W12 - 20PWC

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SERIES FWS-200 ALUM SINGLE HUNG WDW. (N.I.)

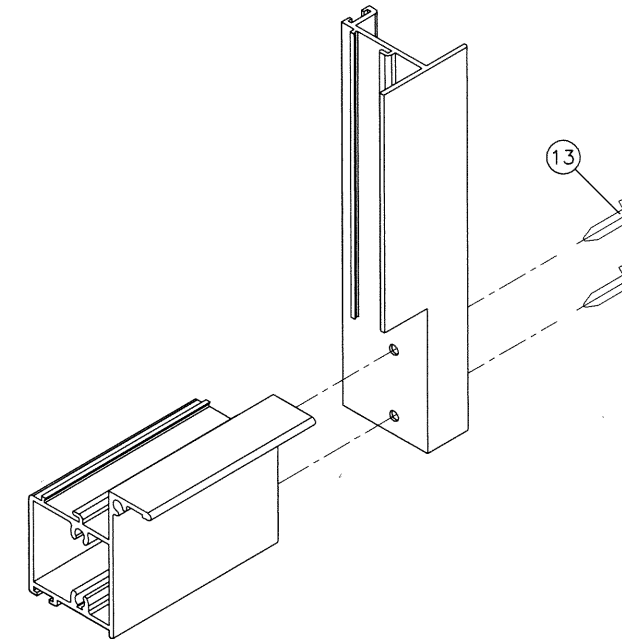
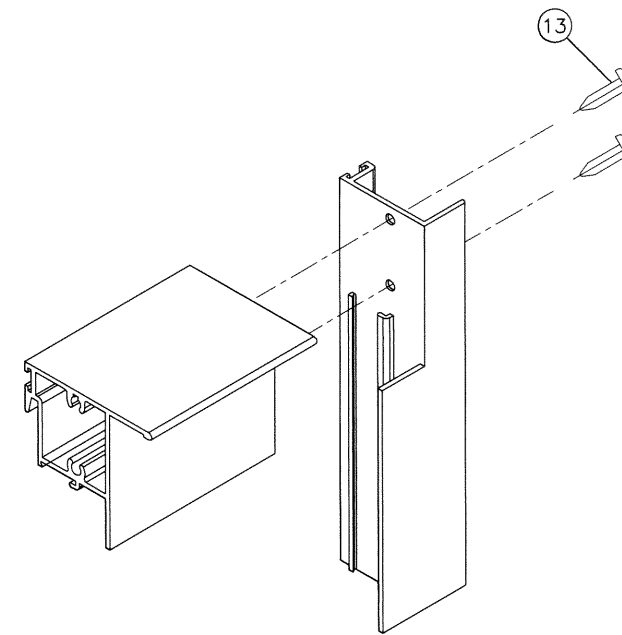
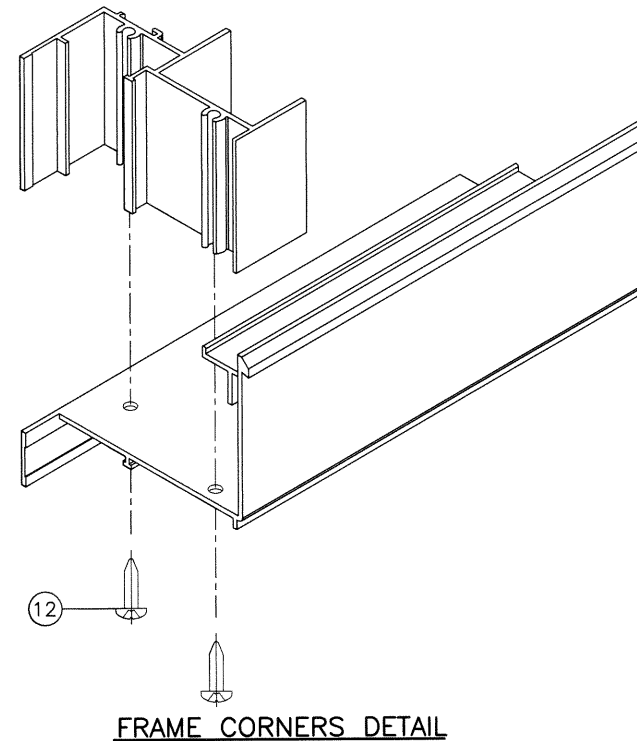
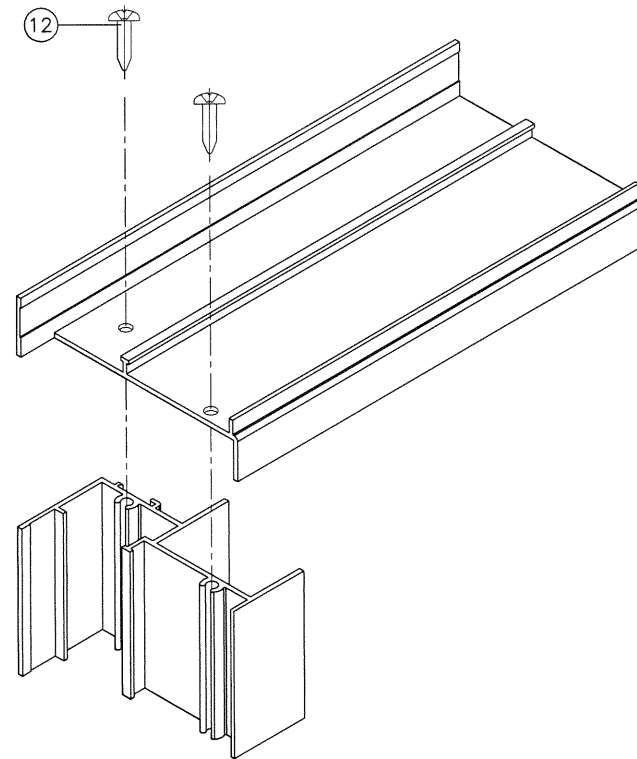
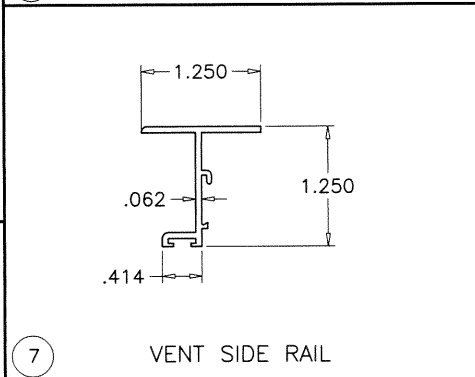
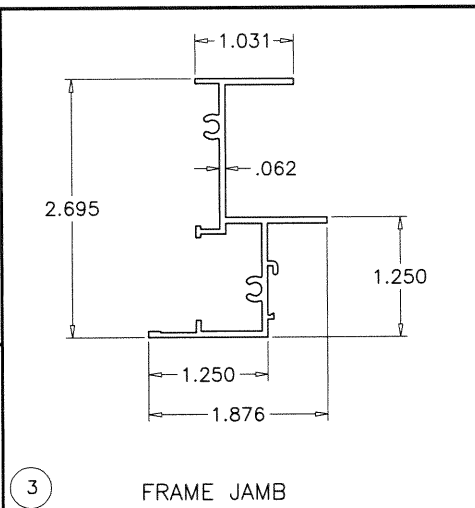
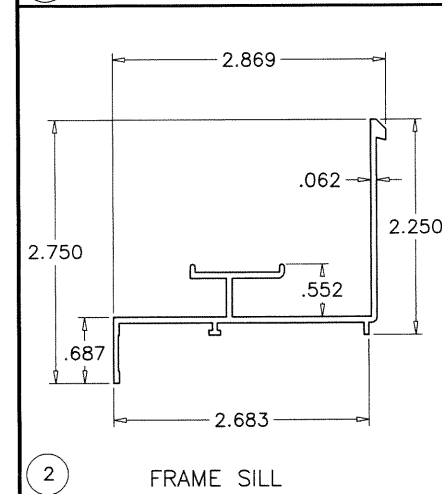
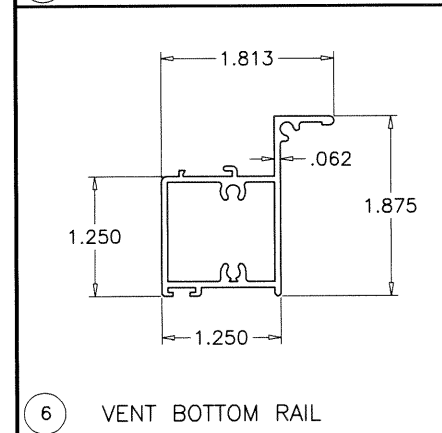
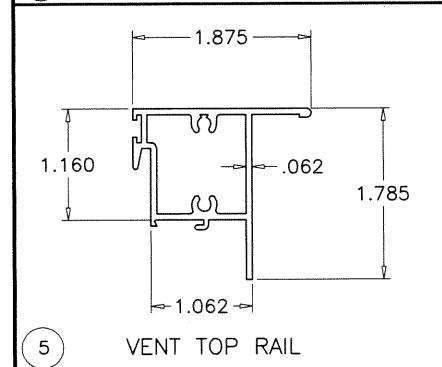
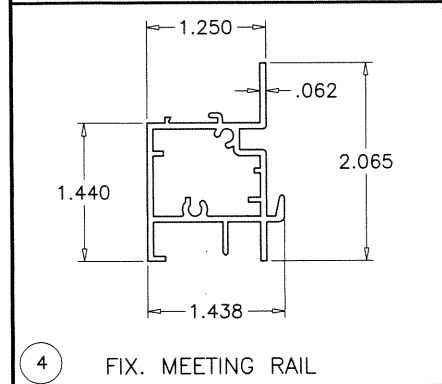
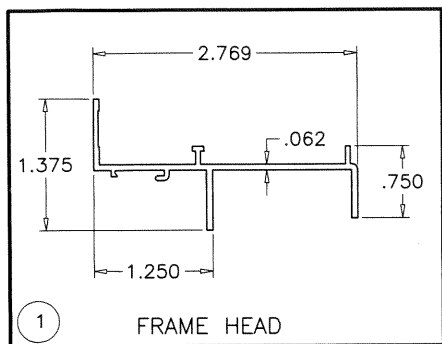
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| B  | 12.17.19 |    | EDITORIAL CHANGES ONLY |
| C  | 11.05.20 |    | UPDATED TO 2020 FBC    |

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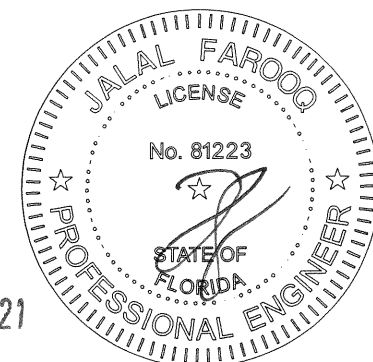
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dr. by: TARIQ  
chk. by:

drawing no.  
**W12-20**  
sheet 4 of 5



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**W12-20**  
sheet 5 of 5