



MIAMI-DADE COUNTY, FLORIDA  
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)

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

**NOTICE OF ACCEPTANCE (NOA)**

Florida Window Systems Corp.  
7191 NW 77<sup>th</sup> Terrace  
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 - L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **W04-20**, titled "Series FWS-200 Alum. Single Hung Window (L.M.I.)", sheets 1 through 5 of 5, dated 03/11/04, with revision "T" dated 11/05/2020, 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: 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. 19-0516.01** 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 **Sifang Zhao, P.E.**



S.Z.

04/01/2021

NOA No. 20-1202.11  
Expiration Date: July 29, 2024  
Approval Date: April 01, 2021  
Page 1

**Florida Window Systems Corp.**

**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. 04-0528.03)*
2. Drawing No **W04-20**, titled "Series FWS-200 Alum. Single Hung Window (L.M.I.)", sheets 1 through 5 of 5, dated 03/11/04, with revision "**H**" dated 01/16/18, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

**B. TESTS**

1. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94  
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by Hurricane Engineering and Testing, Inc. Test Report No. **HETI-03-1820B** dated 02/12/04 and **HETI-03-1820A** dated 09/09/03, both signed and sealed by Rafael E. Droz-Seda, P.E. *(Submitted under NOA No. 04-0528.03)*
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, and TAS 202-94  
along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by Hurricane Engineering and Testing, Inc. Test Report No. **HETI-03-1322B** dated 01/01/04 and **HETI-03-1322A** dated 06/05/03, both signed and sealed by Rafael E. Droz-Seda, P.E. *(Submitted under NOA No. 04-0528.03)*

**C. CALCULATIONS**

1. Anchor verification complying with **FBC 6<sup>th</sup> Edition (2017)** dated 02/28/18, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E. *(Submitted under NOA No. 18-0322.09)*
2. Glazing complies with **ASTM E1300-09**

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **17-0712.05** issued to **Eastman Chemical Company (MA)** for their "**Saflex Clear and Color Glass Interlayers**" dated 09/07/17, expiring on 05/21/21.
2. Notice of Acceptance No. **17-0724.07** issued to **Oldcastle BuildingEnvelope®, Inc.** for their "**StormGlass™ Glass Interlayer**", dated 10/26/17, expiring on 12/11/18.



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Sifang Zhao, P.E.  
Product Control Examiner  
NOA No. 20-1202.11  
Expiration Date: July 29, 2024  
Approval Date: April 01, 2021

**Florida Window Systems Corp.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC 6<sup>th</sup> Edition (2017)**, dated May 8, 2019, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

**G. OTHERS**

1. Notice of Acceptance No. **18-0322.09**, issued to Florida Window Systems, Corp., for their Series “FWS-200 Aluminum Single Hung Window - L.M.I.”, approved on 05/17/18 and expiring on 07/29/19.

**2. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **W04-20**, titled “Series FWS-200 Alum. Single Hung Window (L.M.I.)”, sheets 1 through 5 of 5, dated 03/11/04, with revision “**I**” dated 11/05/2020, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

**B. TESTS**

1. None.

**C. CALCULATIONS**

1. Anchor verification complying with **FBC 7<sup>th</sup> Edition (2020)**, dated 10/26/2020, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **20-0622.01** issued to **Eastman Chemical Company (MA)** for their “**Saflex Clear and Color Glass Interlayers**” dated 08/06/20, expiring on 05/21/21.
2. Notice of Acceptance No. **20-0622.07** issued to **Oldcastle BuildingEnvelope®, Inc.** for their “**StormGlass™ Glass Interlayer**”, dated 08/03/20, expiring on 12/11/23.

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC 6<sup>th</sup> Edition (2017) and FBC 7<sup>th</sup> Edition (2020)**, and of no financial interest, dated 10/26/2020, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

**G. OTHERS**

1. Notice of Acceptance No. **18-0322.09**, issued to Florida Window Systems, Corp., for their Series “FWS-200 Aluminum Single Hung Window - L.M.I.”, approved on 05/17/18 and expiring on 07/29/19.



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Sifang Zhao, P.E.  
Product Control Examiner  
NOA No. 20-1202.11  
Expiration Date: July 29, 2024  
Approval Date: April 01, 2021

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

## 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 2017 (6TH EDITION)/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.

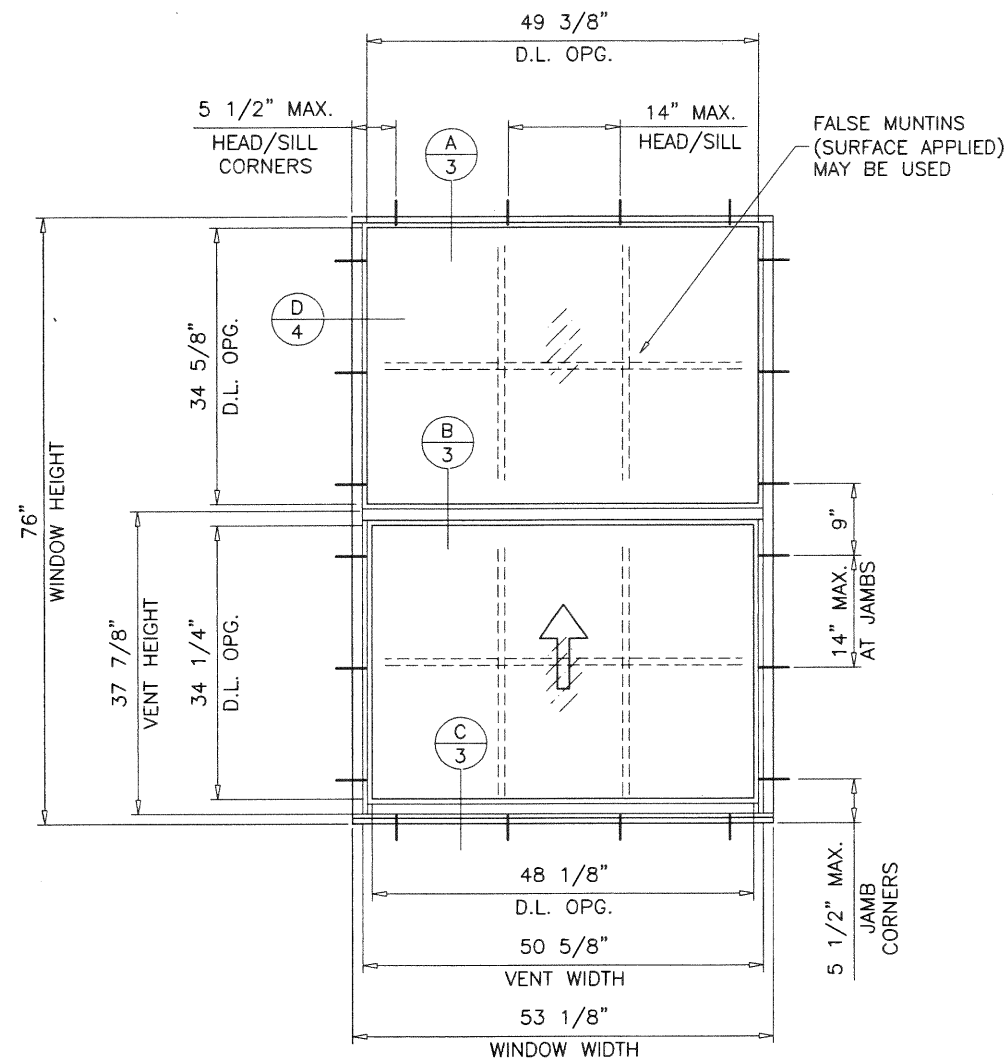
ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS  
AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE  
MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

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

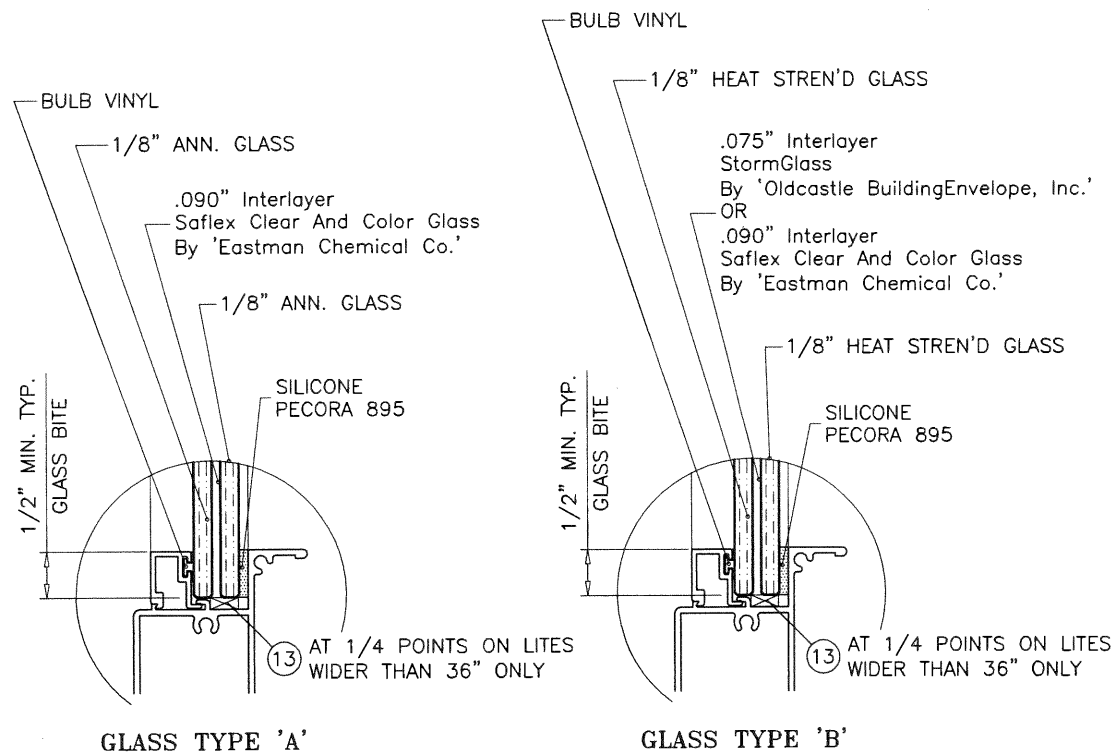
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT  
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE  
REQUIREMENTS OF THE 2017/2020 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

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)'.



TYPICAL ELEVATION  
TESTED UNIT

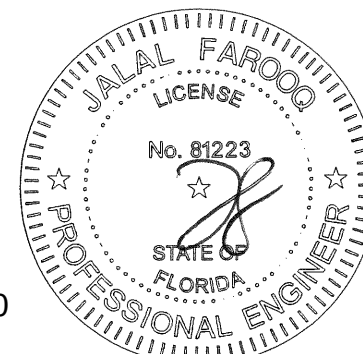


GLAZING OPTIONS

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1202.11

Expiration Date 07/29/2024

By   
Miami-Dade Product Control



Sealed: 11/23/2020

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

SERIES FWS-200 ALUM SINGLE HUNG WINDOW (L.M.I.)  
**FLORIDA WINDOW SYSTEMS CORP.**  
7191 N.W. 77 TERRACE  
MEDLEY, FL. 33166  
TEL. (305) 805-9420 FAX (305) 805-9424

no	date	by	description
E	03.07.12		UPDATED TO 2010 FBC
F	02.10.14		INTERLAYER NAMES REV.
G	07.21.15		UPDATED TO 2014 FBC
H	01.16.18		UPDATED TO 2017 FBC
I	11.05.20		UPDATED TO 2020 FBC

date: 03-11-04  
scale: 1/2"=1'-0"  
dr. by: TARIQ  
chk. by:

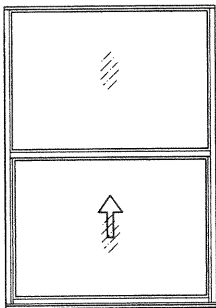
drawing no.  
**W04-20**

sheet 1 of 5

COMP-ANL\W04-20FWS

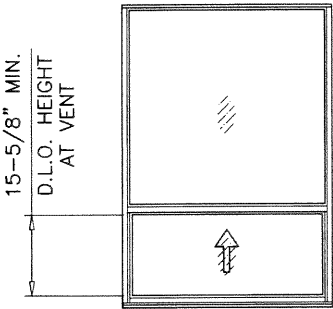
EQUAL LITES WINDOWS									
DESIGN LOAD CAPACITY - PSF									
WINDOW DIMS.		W/O SHEAR CLIPS				WITH SHEAR CLIPS AT JAMBS			
		GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'A'		GLASS TYPE 'B'	
WIDTH	HEIGHT	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)
19-1/8"	26" (3)	60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
26-1/2"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
32"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
37"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
42"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
48"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
53-1/8"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
19-1/8"	38-3/8" (4)	60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
26-1/2"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
32"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
37"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
42"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
48"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
53-1/8"		60.0	65.0	66.7	73.5	60.0	65.0	66.7	75.0
19-1/8"	50-5/8" (4)	60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
26-1/2"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
32"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
37"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
42"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
48"		60.0	65.0	66.7	69.6	60.0	65.0	66.7	75.0
53-1/8"		60.0	60.2	60.2	60.2	60.0	65.0	66.7	75.0
19-1/8"	57" (6)	60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
26-1/2"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
32"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
37"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
42"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
48"		60.0	64.9	64.9	64.9	60.0	65.0	66.7	75.0
53-1/8"		55.8	55.8	55.8	55.8	60.0	65.0	66.7	75.0
19-1/8"	63" (6)	60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
26-1/2"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
32"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
37"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
42"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
48"		60.0	61.7	61.7	61.7	60.0	65.0	66.7	75.0
53-1/8"		-	-	52.6	52.6	-	-	66.7	75.0
19-1/8"	76" (6)	60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
26-1/2"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
32"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
37"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
42"		-	-	66.7	74.2	-	-	66.7	75.0
48"		-	-	57.4	57.4	-	-	66.7	75.0
53-1/8"		-	-	48.1	48.1	-	-	66.7	75.0

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



UNEQUAL LITES WINDOWS									
DESIGN LOAD CAPACITY - PSF									
WINDOW DIMS.		W/O SHEAR CLIPS				WITH SHEAR CLIPS AT JAMBS			
		GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'A'		GLASS TYPE 'B'	
WIDTH	HEIGHT	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)
19-1/8"	50-5/8" (5)	60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
26-1/2"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
32"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
37"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
42"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
48"		60.0	65.0	66.7	71.2	60.0	65.0	66.7	75.0
53-1/8"		-	-	61.4	61.4	-	-	66.7	75.0
19-1/8"	57" (5)	60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
26-1/2"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
32"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
37"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
42"		-	-	66.7	75.0	-	-	66.7	75.0
48"		-	-	66.7	68.3	-	-	66.7	75.0
53-1/8"		-	-	58.2	58.2	-	-	66.7	75.0
19-1/8"	63" (6)	60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
26-1/2"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
32"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
37"		-	-	66.7	75.0	-	-	66.7	75.0
42"		-	-	66.7	75.0	-	-	66.7	75.0
19-1/8"	76" (6)	60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
26-1/2"		60.0	65.0	66.7	75.0	60.0	65.0	66.7	75.0
32"		-	-	66.7	75.0	-	-	66.7	75.0

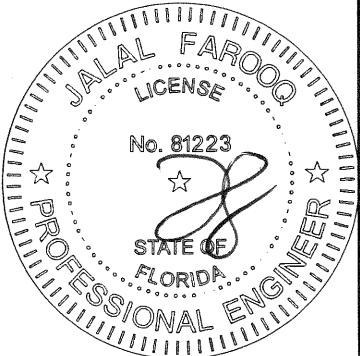
\* NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.



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**  
as complying with the Florida  
Building Code  
NOA-No. 20-1202.11  
Expiration Date 07/29/2024  
By CS  
Miami-Dade Product Control

Sealed: 11/23/2020



**afC**

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W04-20FWS

SERIES FWS-200 ALUM SINGLE HUNG WINDOW (L.M.I.)

**FLORIDA WINDOW SYSTEMS CORP.**  
7191 N.W. 77 TERRACE  
MEDLEY, FL. 33166  
TEL. (305) 805-9420 FAX (305) 805-9424

revisions:

no	date	by	description
E	03.07.12		UPDATED TO 2010 FBC
F	02.10.14		NO CHANGE THIS SHEET
G	07.21.15		NO CHANGE THIS SHEET
H	01.16.18		UPDATED TO 2017 FBC
I	11.05.20		UPDATED TO 2020 FBC

date: 03-11-04

scale: 1/2" = 1"

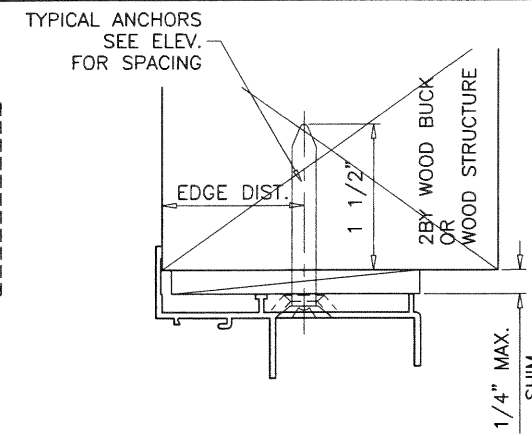
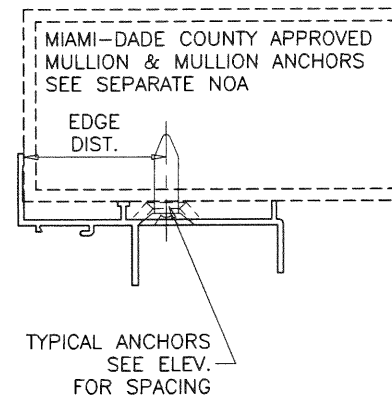
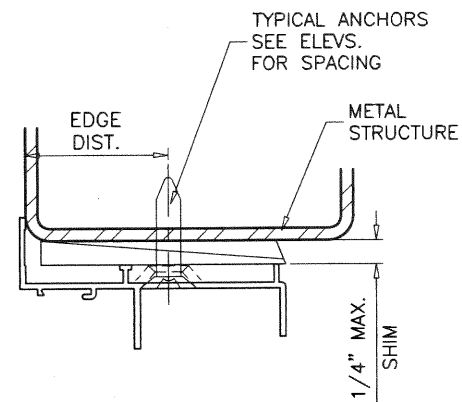
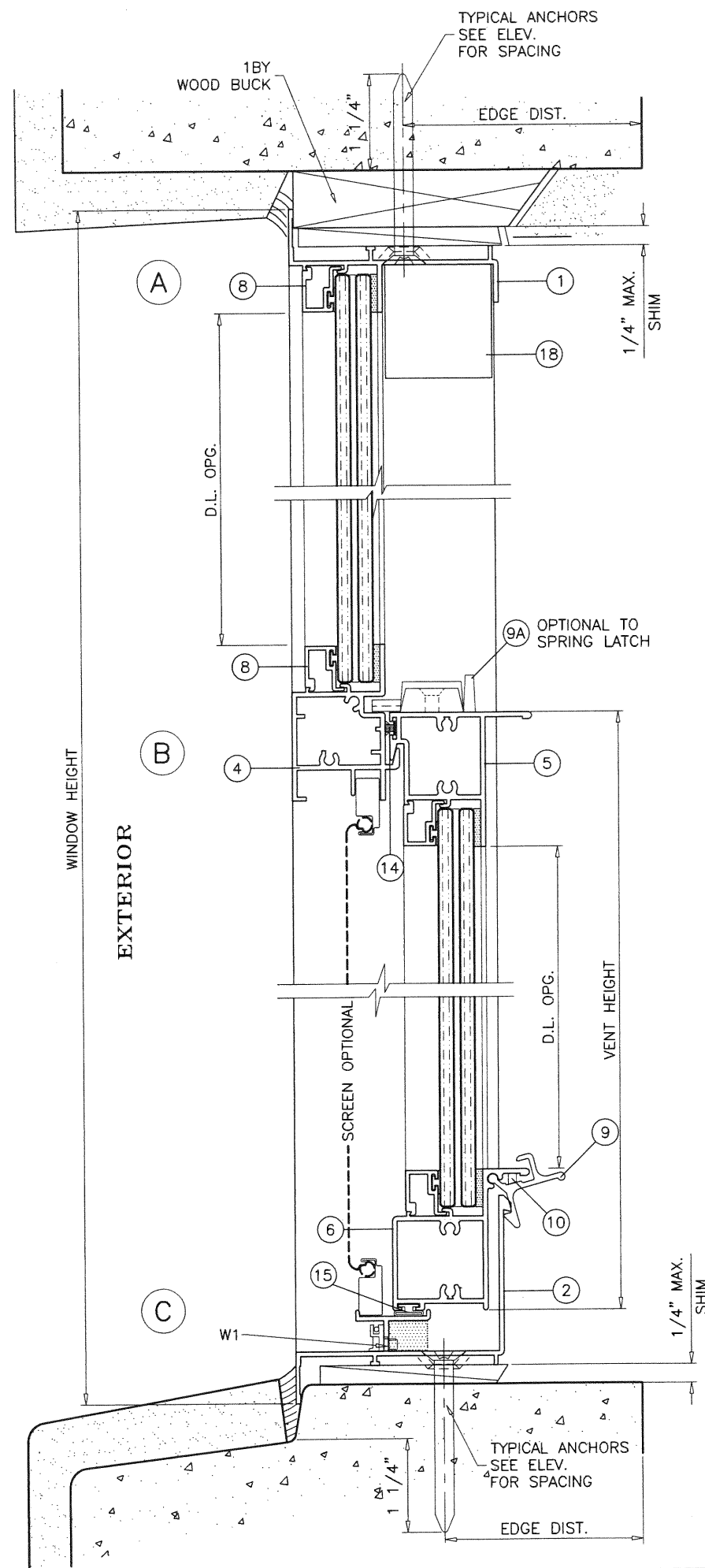
dr. by: TARIQ

chk. by:

drawing no.

**W04-20**

sheet 2 of 5



WOOD BUCKS AND METAL STRUCTURE NOT BY 'FLORIDA WDW. SYS.' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

#### SEALANT:

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

#### WEEPHOLES:

W1 = 1-1/2" X 3/16" WEEPHOLES AT 2-1/4" FROM EACH END

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

**1/4" DIA. ULTRACON+ BY 'DEWALT'** (Fu=164 KSI, Fy=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 BLOCKS  
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)  
 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

DIRECTLY INTO CONCRETE OR BLOCKS  
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)  
 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

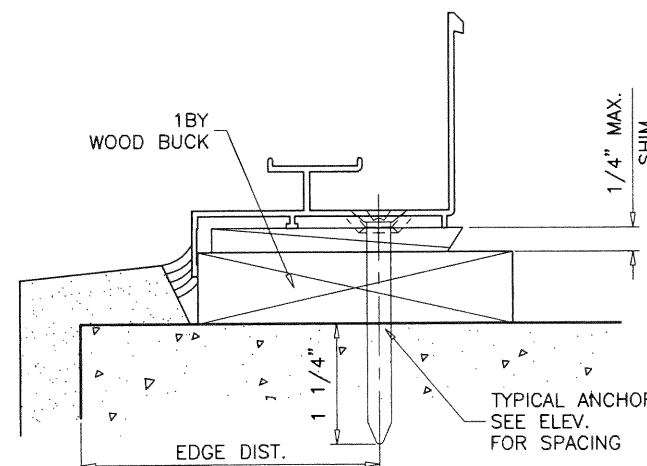
**1/4" DIA. TEKS OR SELF-DRILLING SCREWS** (GRADE 5 CRS)  
 INTO METAL STRUCTURES (HEAD/SILL/JAMBS)  
 (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS  
 ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)  
 STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)  
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**#12 SMS OR SELF-DRILLING SCREWS** (GRADE 2 CRS)  
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS  
 (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS  
 ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.) (NO SHIMS)  
 STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.) (NO SHIMS)  
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

#### CRITICAL EDGE DISTANCE

INTO CONCRETE AND BLOCKS = 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.

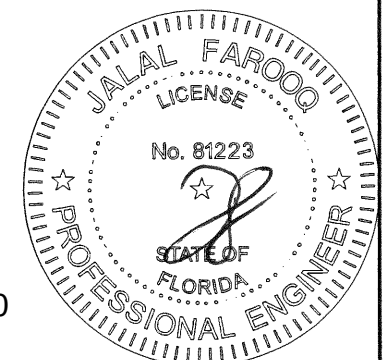


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 NOA-No. 20-1202.11

Expiration Date 07/29/2024

By Miami-Dade Product Control

Sealed: 11/23/2020



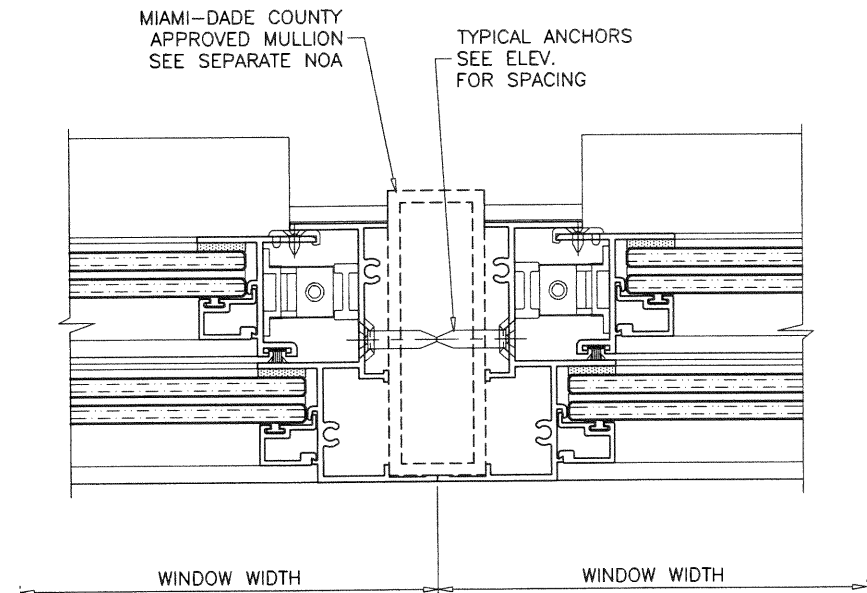
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W04-W04-20FWS

SERIES FWS-200 ALUM SINGLE HUNG WINDOW (L.M.I.)  
**FLORIDA WINDOW SYSTEMS CORP.**  
 7191 N.W. 77 TERRACE  
 MEDLEY, FL. 33166  
 TEL. (305) 805-9420 FAX (305) 805-9424

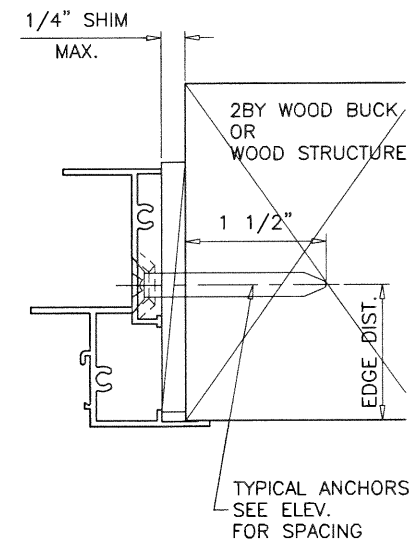
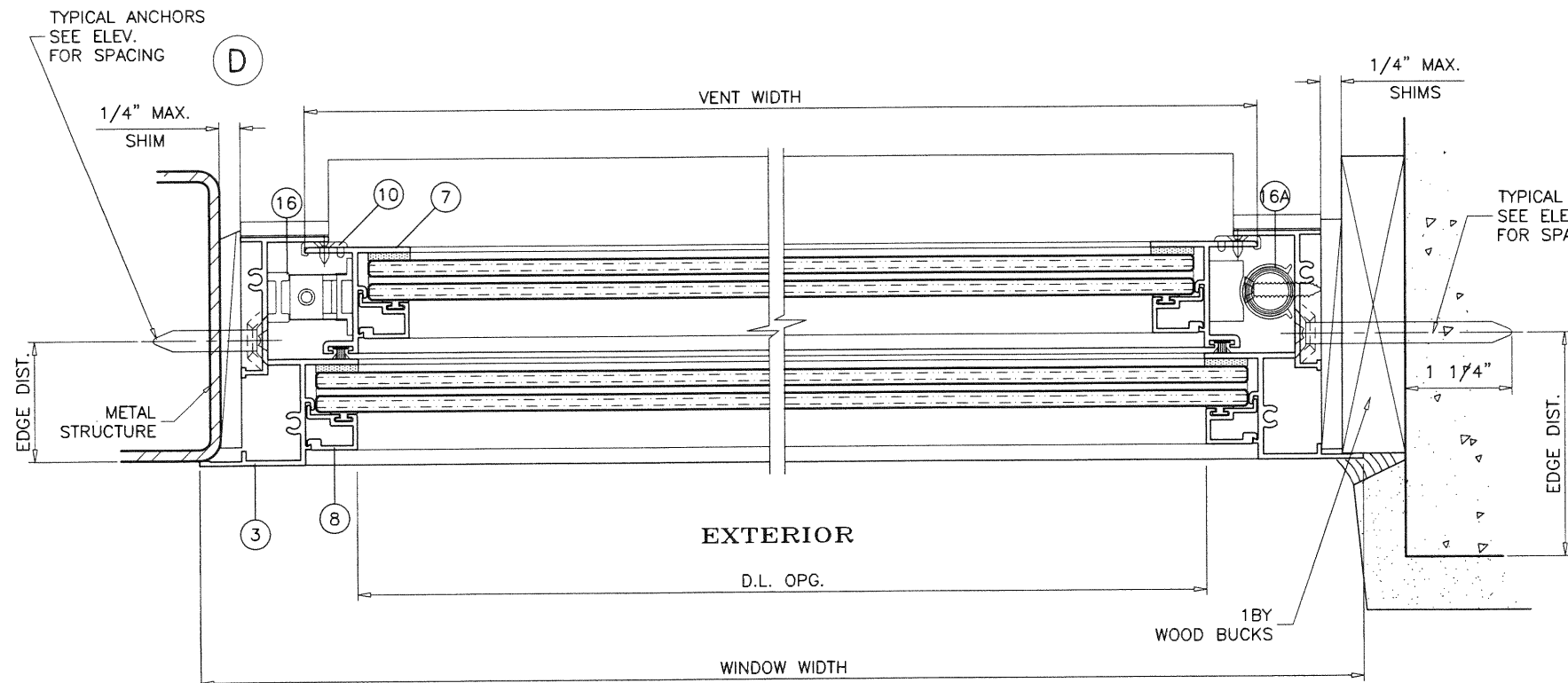
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	G	07.21.15		UPDATED TO 2014 FBC
	H	01.16.18		UPDATED TO 2017 FBC
	I	11.05.20		UPDATED TO 2020 FBC

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 dr. by: TARIQ  
 chk. by:

drawing no.  
**W04-20**  
 sheet 3 of 5

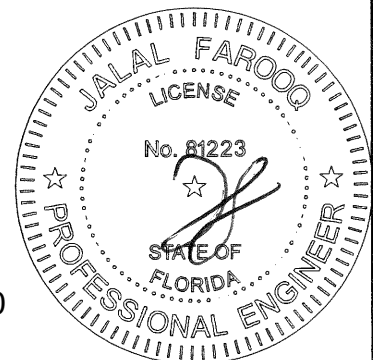


ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	FWS-020	1	FRAME HEAD	6063-T6	-
2	FWS-021	1	FRAME SILL	6063-T6	-
3	FWS-022	2	FRAME JAMB	6063-T6	-
4	FWS-025	1	FIXED MTG. RAIL	6063-T6	-
5	FWS-024	1	VENT TOP RAIL	6063-T6	-
6	FWS-023	1	VENT BOTTOM RAIL	6063-T6	-
7	FWS-016	2	VENT SIDE RAIL	6063-T6	-
8	FWS-029	AS REQD.	GLAZING BEAD	6063-T6	-
9	FWS-018	2/VENT	VENT LATCH @ 10-3/4" FROM ENDS	6063-T6	-
9A	-	2/VENT	CAM TYPE SWEEP LOCK	ZAMAK	INTALLED W/ (2) #8 X 3/4" FH SMS
10	-	2	LATCH SPRING	STEEL	-
11	895	AS REQD.	GLAZING COMPOUND	-	PECORA
12	#8 X 1-3/4"	20	FRAME & VENT ASSEMBLY SCREWS	CRS	PH SMS
13	-	AS REQD.	SETTING BLOCKS	EPDM	DUROMETER 80±5 SHORE A
14	W21175	AS REQD.	PILE W'STRIPPING WITH PLASTIC FIN	-	ULTRAFAB
15	E205	AS REQD.	BULB W'STRIPPING	VINYL	-
16	-	2/VENT	BLOCK AND TACKLE BALANCE	-	-
16A	-	2/VENT	5/8" SPIRAL 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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MIAMI, FLORIDA 33173 (C.A.N. 3538)  
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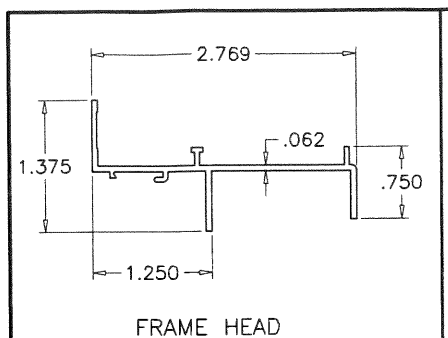
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chk. by:

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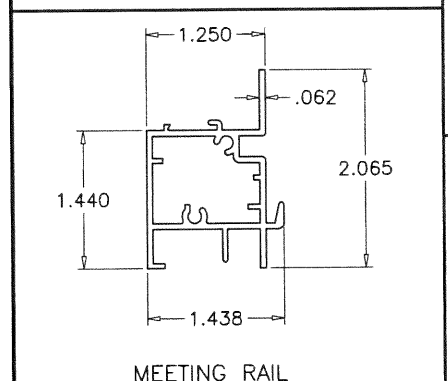
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**W04-20**  
sheet 4 of 5

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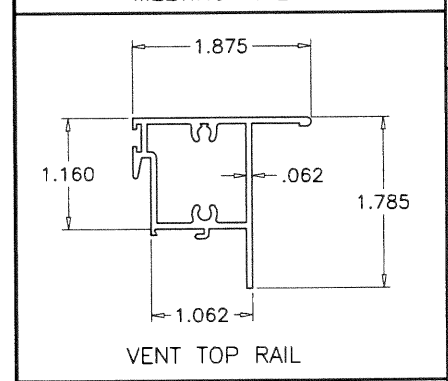




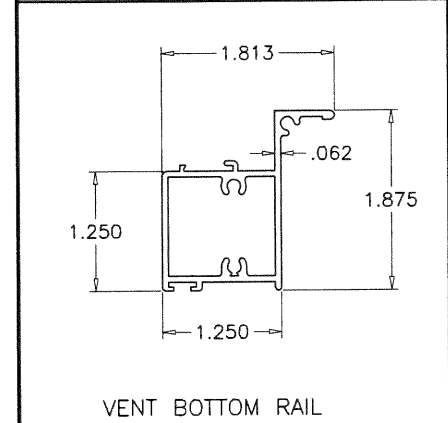
FRAME HEAD



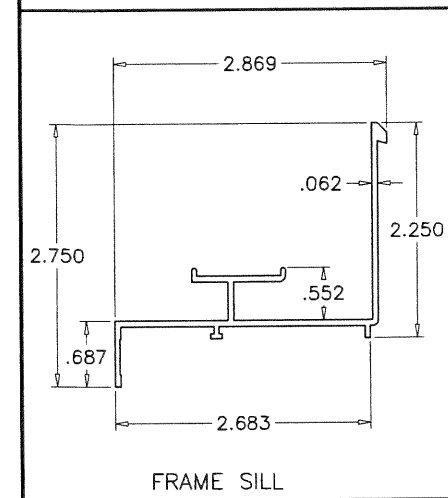
MEETING RAIL



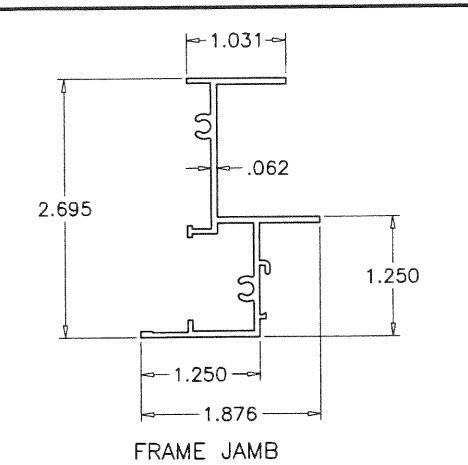
VENT TOP RAIL



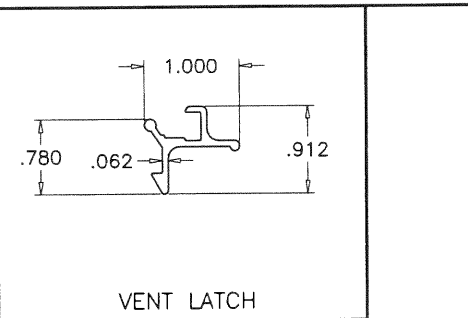
VENT BOTTOM RAIL



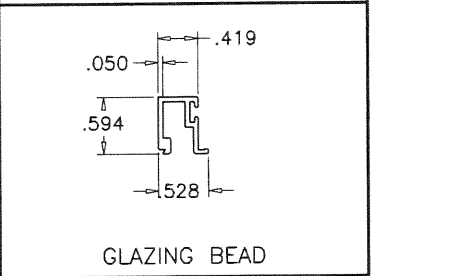
FRAME SILL



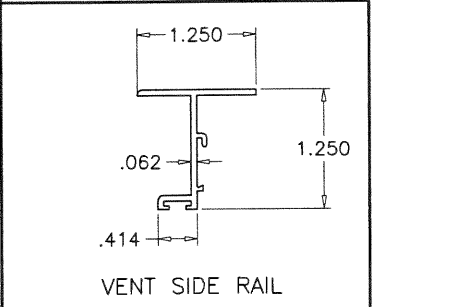
FRAME JAMB



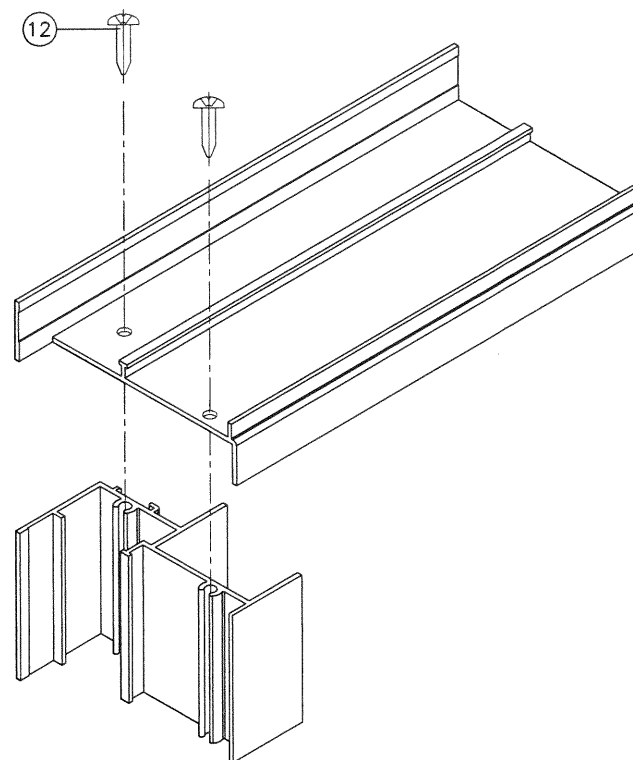
VENT LATCH



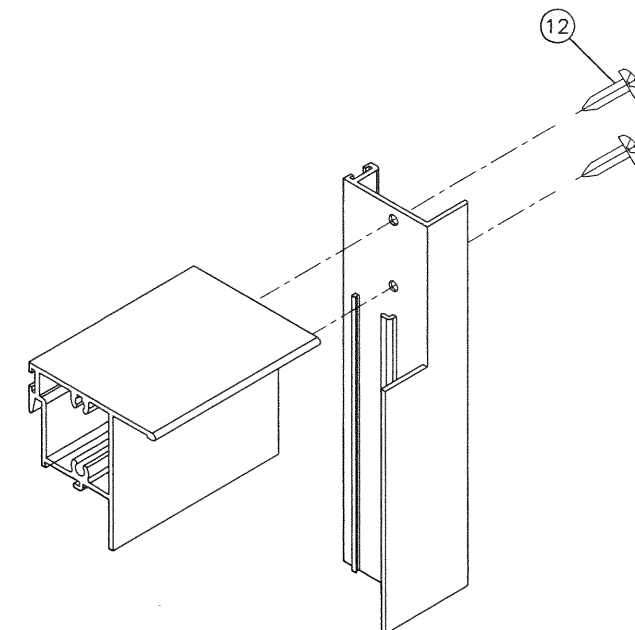
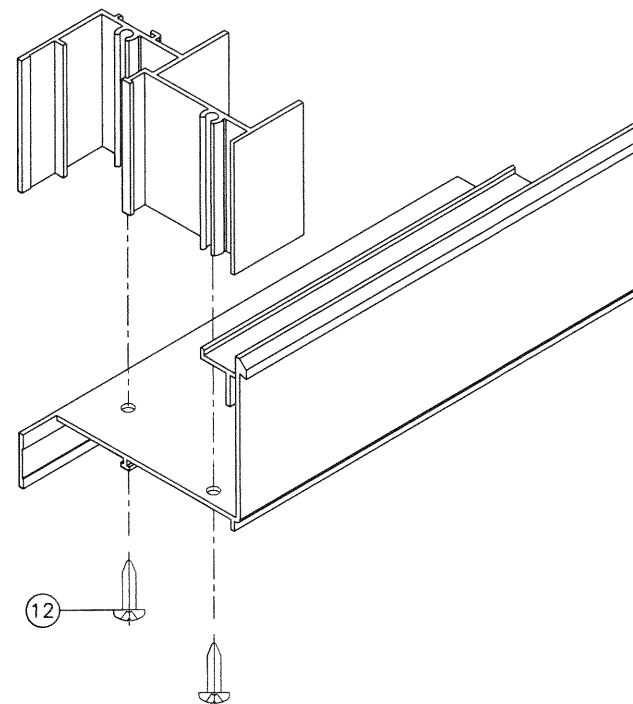
GLAZING BEAD



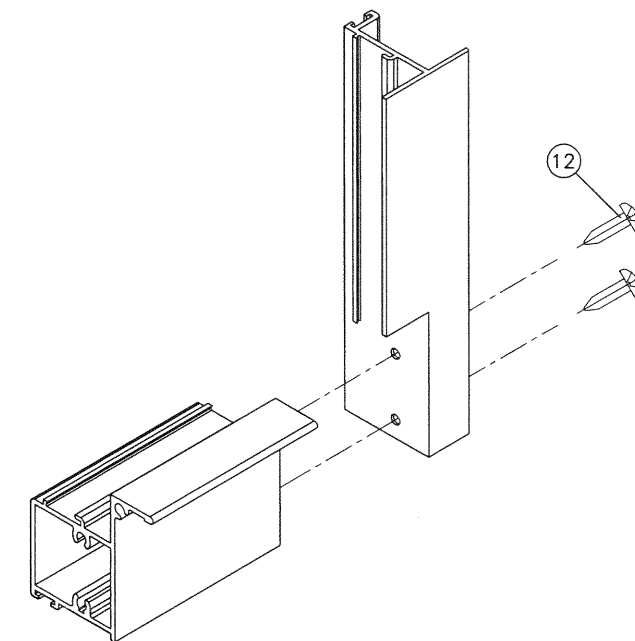
VENT SIDE RAIL



FRAME CORNERS DETAIL

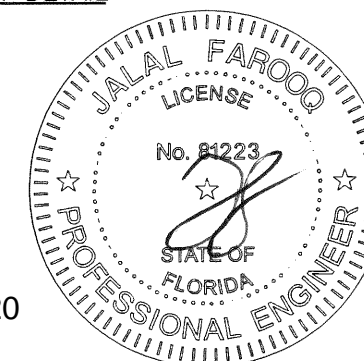


VENT CORNER DETAIL



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sheet 5 of 5