



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

Florida Window Systems, Corp.
6860 NW 75 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-300" Aluminum Horizontal Sliding Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W07-80**, titled "Series FWS-300 Alum Horiz. Sliding Wdw. (L.M.I.)", sheets 1 through 7 of 7, dated 10/15/07, with revision **F** dated 07/13/23, 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, 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.

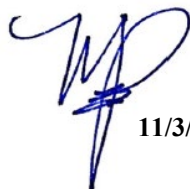
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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. 23-0203.02** and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**




11/3/23

NOA No. 23-0928.27
Expiration Date: May 01, 2024
Approval Date: November 09, 2023
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. 07-1025.09)
2. Drawing No **W07-80**, Sheets 1 through 7 of 7, titled "Series FWS-300 Alum Horiz. Sliding Wdw. (L.M.I.)", dated 10/15/07, with revision **E** dated 11/05/2020, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
(Submitted under NOA No. 20-1202.10)

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 horizontal sliding window, prepared by Hurricane Engineering & Testing, Inc., Test Reports No. **HETI-07-4417** and **HETI-05-1944**, dated 12/13/07, signed and sealed by Candido F. Font, P.E.
(Submitted under NOA No. 07-1025.09)
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, TAS 202-94
along with marked-up drawings and installation diagram of an aluminum horizontal sliding window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-05-1439**, dated 12/13/07, signed and sealed by Candido F. Font, P.E.
(Submitted under NOA No. 07-1025.09)

C. CALCULATIONS

1. Anchor verification complying with **FBC 7th Edition (2020)**, dated 10/26/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
(Submitted under NOA No. 20-1202.10)
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. 23-0928.27
Expiration Date: May 01, 2024
Approval Date: November 09, 2023

Florida Window Systems, Corp.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

E. MATERIAL CERTIFICATIONS

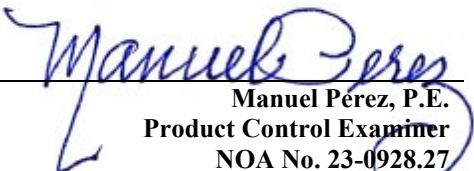
1. Notice of Acceptance No. **22-1130.05** issued to **Eastman Chemical Company (MA)** for their "**Saflex Storm - Saflex and Saflex HP Composite Glass Interlayers with PET Core**" dated 01/26/23, expiring on 12/11/28.
2. Notice of Acceptance No. **21-0216.01** issued to **Eastman Chemical Company (MA)** for their "**Saflex PVB Interlayers - Clear and Colored for Glass**" dated 04/29/21, expiring on 05/21/26.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 7th Edition (2020)** and of no financial interest, dated January 10, 2023, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
(Submitted under NOA No. 23-0203.02)
2. Letter from Al-Farooq Corporation requesting a 1-year extension to allow manufacturer time to perform verification test, dated January 12, 2023, signed by Jalal Farooq, P.E., CFO.
(Submitted under NOA No. 23-0203.02)
3. Testing agreement letter dated January 30, 2023, between Hurricane Engineering & Testing Inc. (HETI) and Pino's Window Corp, issued by HETI and signed by Syed Waqar Ali, Ph.D., President.
(Submitted under NOA No. 23-0203.02)

G. OTHERS

1. Notice of Acceptance No. **20-1202.10**, issued to Florida Window Systems, Corp., for their Series "FWS-300" Aluminum Horizontal Sliding Window – L.M.I., approved on 04/01/21 and expiring on 05/01/23.
2. One year approval, subjected to successful verification test, the final approval will be issued for the total of 5 years.


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 23-0928.27
Expiration Date: May 01, 2024
Approval Date: November 09, 2023

Florida Window Systems, Corp.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No **W07-80**, titled “Series FWS-300 Alum Horiz. Sliding Wdw. (L.M.I.)”, sheets 1 through 7 of 7, dated 10/15/07, with revision **F** dated 07/13/23, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS


1. Notice of Acceptance No. **22-1130.05** issued to **Eastman Chemical Company (MA)** for their “**Saflex Storm - Saflex and Saflex HP Composite Glass Interlayers with PET Core**” dated 01/26/23, expiring on 12/11/28.
2. Notice of Acceptance No. **21-0216.01** issued to **Eastman Chemical Company (MA)** for their “**Saflex PVB Interlayers - Clear and Colored for Glass**” dated 04/29/21, expiring on 05/21/26.

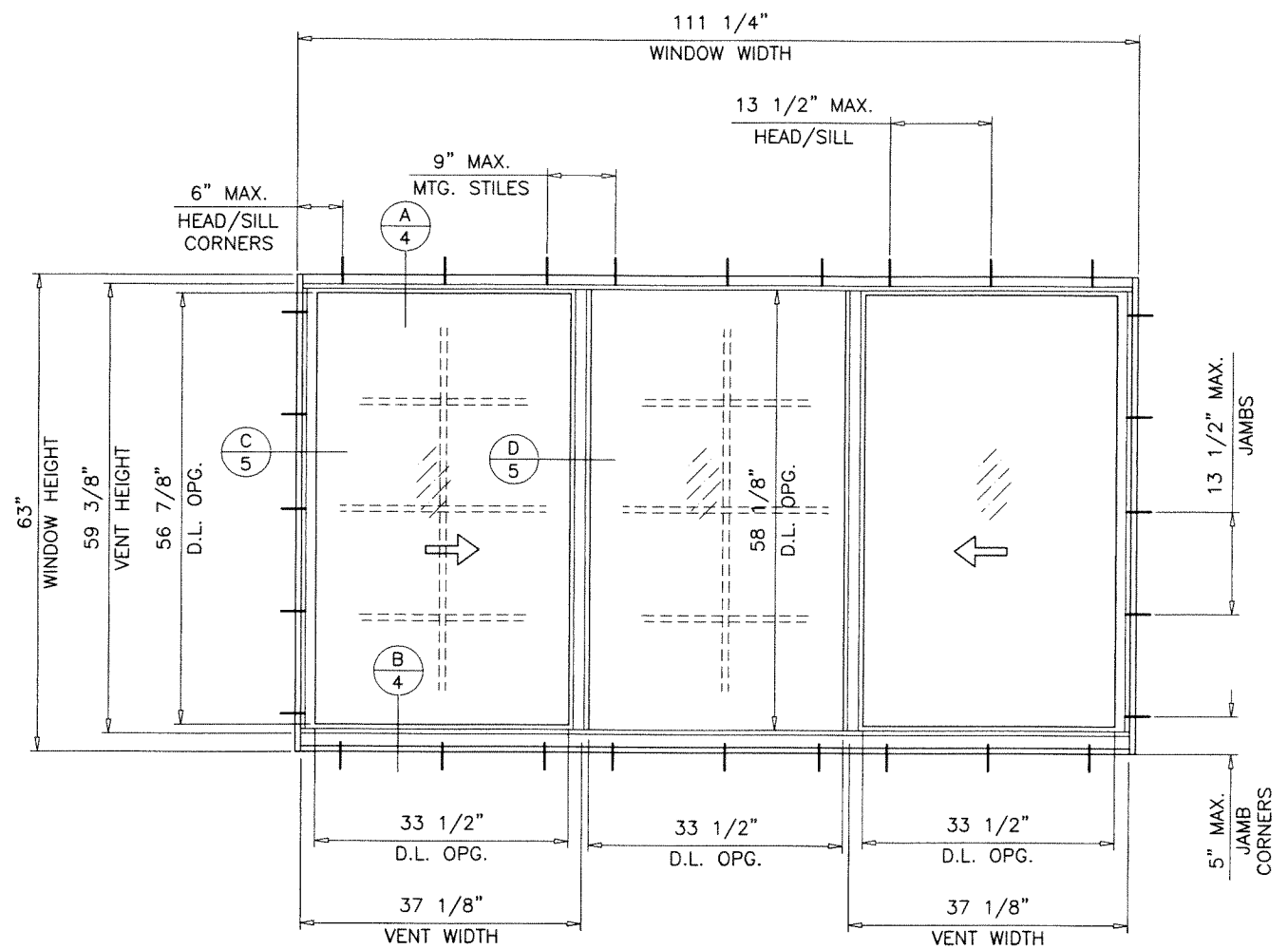
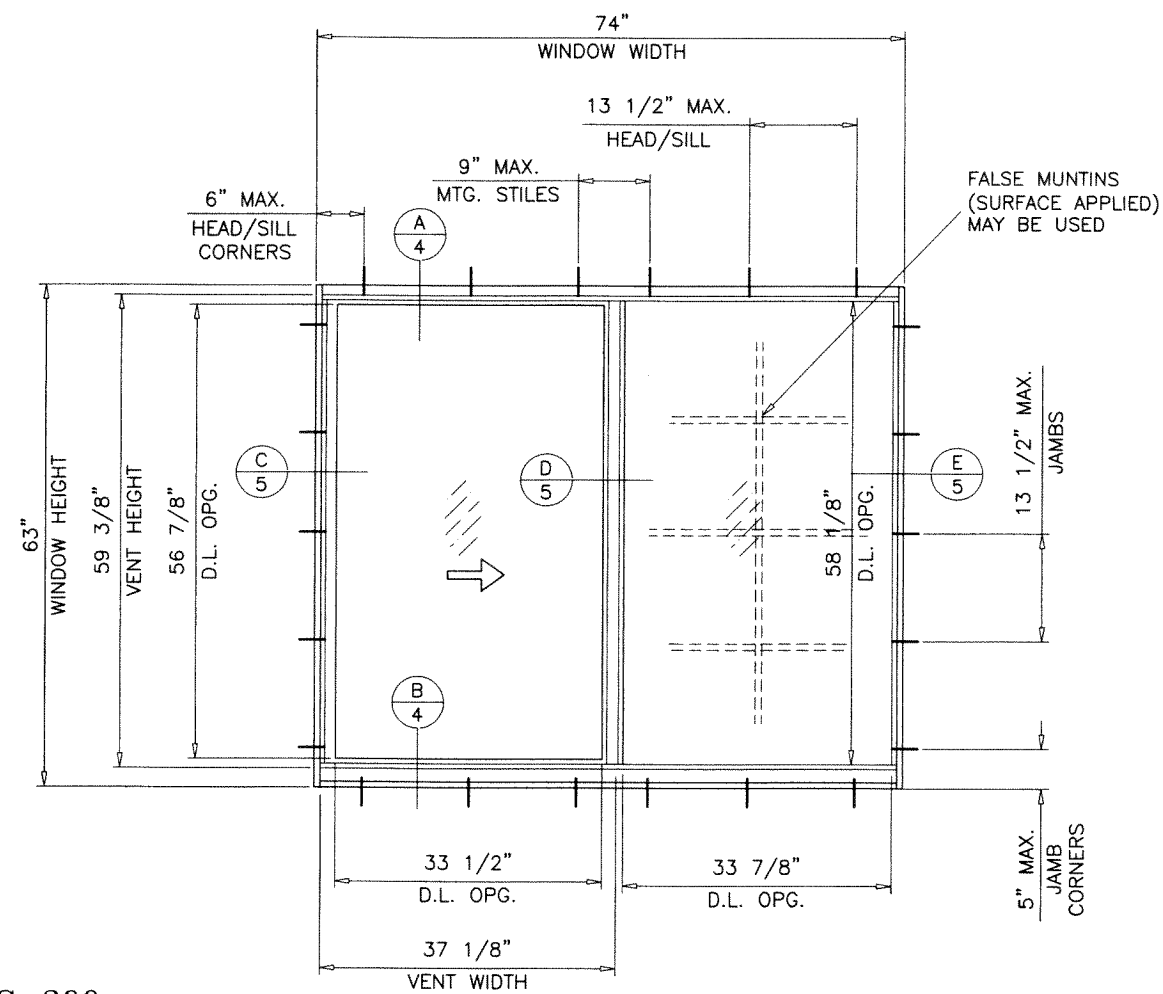
F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 7th Edition (2020)**, with **FBC 8th Edition (2023)** and of no financial interest, dated July 18, 2023, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

G. OTHERS

1. Notice of Acceptance No. **23-0203.02**, issued to Florida Window Systems, Corp., for their Series “FWS-300” Aluminum Horizontal Sliding Window – L.M.I., approved on 02/16/23 and expiring on 05/01/24.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 23-0928.27
Expiration Date: May 01, 2024
Approval Date: November 09, 2023



TYPICAL ELEVATIONS

SERIES FWS-300

ALUMINUM HORIZONTAL SLIDING WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEETS 2 & 3.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF H.S./H.S. OR HORIZONTAL SLIDING 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)/2023 (8TH 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 2020/2023 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)'.

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

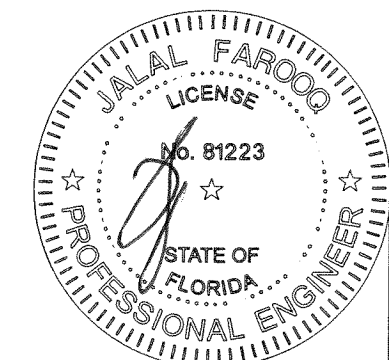
PRODUCT REVISED
As complying with the Florida Building Code

NOA-No. **23-0928.27**

Expiration Date: **05/01/2024**

By: *Manuel Perez*

Miami-Dade Product Control



JUL 19 2023

SERIES FWS-300 ALUM. HORIZ. SLIDING WDW. (L.M.I.)
FLORIDA WINDOW SYSTEMS CORP.
7191 N.W. 77 TERRACE
MEDLEY, FL. 33166
TEL. (305) 805-9420 FAX (305) 805-9424

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)

revisions:	no.	date	by	description
	C	12.30.15		REV. PER PER COMMENTS
	D	01.16.18		UPDATED TO 2017 FBC
	E	11.05.20		UPDATED TO 2020 FBC
	F	07.13.23		UPDATED TO 2023 FBC

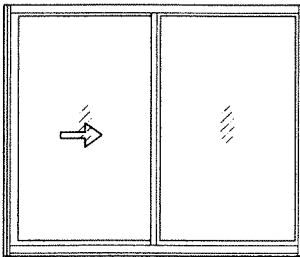
date:	10-15-07
scale:	1/2"=1'-0"
dr. by:	TARIQ
chk. by:	

drawing no.	W07-80
sheet 1 of	7

COMP-ANL\W07-80FWS

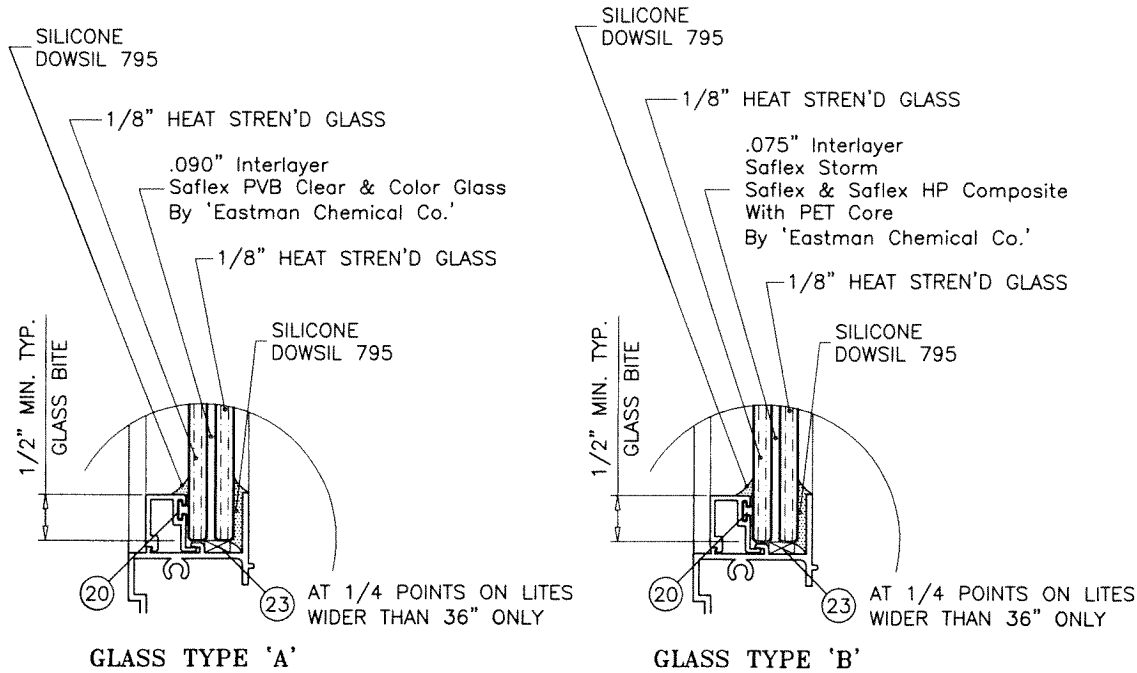
DESIGN LOAD CAPACITY – PSF (XO OR OX SIZES)										
WINDOW DIMS.		A	GLASS TYPE 'A' WITHOUT REINFORCING				GLASS TYPE 'B' WITH REINFORCING			
			W/O SHEAR CLIPS		WITH SHEAR CLIPS		W/O SHEAR CLIPS		WITH SHEAR CLIPS	
WIDTH	HEIGHT		EXT.(+)	INT.(–)	EXT.(+)	INT.(–)	EXT.(+)	INT.(–)	EXT.(+)	INT.(–)
26–1/2"	26" (3)	4	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
37"		4	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
53–1/8"		6	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
74"		6	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
26–1/2"	38–3/8" (4)	4	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
37"		4	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
53–1/8"		6	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
74"		6	66.7	75.0	66.7	75.0	80.0	82.1	80.0	100.0
26–1/2"	50–5/8" (5)	4	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
37"		4	66.7	75.0	66.7	75.0	80.0	82.8	80.0	100.0
53–1/8"		6	64.5	64.5	66.7	75.0	64.5	64.5	80.0	100.0
74"		6	54.9	54.9	66.7	75.0	54.9	54.9	80.0	100.0
26–1/2"	63" (5)	4	66.7	75.0	66.7	75.0	80.0	82.6	80.0	100.0
37"		4	62.3	62.3	66.7	75.0	62.3	62.3	80.0	100.0
53"		6	47.2	47.2	66.7	75.0	47.2	47.2	80.0	88.7
74"		6	38.2	38.2	66.7	70.1	38.2	38.2	71.8	71.8
24"	24" (3)	4	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
36"		4	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
48"		4	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
60"		6	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
72"		6	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
24"	36" (3)	4	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
36"		4	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
48"		4	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
60"		6	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
72"		6	66.7	75.0	66.7	75.0	80.0	88.9	80.0	100.0
24"	48" (4)	4	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
36"		4	66.7	75.0	66.7	75.0	80.0	90.8	80.0	100.0
48"		4	66.7	74.4	66.7	75.0	74.4	74.4	80.0	100.0
60"		6	65.6	65.6	66.7	75.0	65.6	65.6	80.0	100.0
72"		6	61.0	61.0	66.7	75.0	61.0	61.0	80.0	100.0
24"	60" (5)	4	66.7	75.0	66.7	75.0	80.0	95.5	80.0	100.0
36"		4	66.7	67.7	66.7	75.0	67.7	67.7	80.0	100.0
48"		4	54.2	54.2	66.7	75.0	54.2	54.2	80.0	100.0
60"		6	46.5	46.5	66.7	75.0	46.5	46.5	80.0	87.5
72"		6	41.8	41.8	66.7	75.0	41.8	41.8	78.6	78.6

A = NO. OF ANCHORS PER HEAD & SILL
() = NO. OF ANCHORS PER JAMB



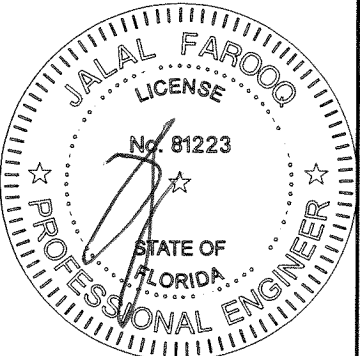
ALL EXTERIOR(+) LOADS SHOWN ON THIS SHEET ARE FOR WINDOWS WITH APPLIED RISER AT FRAME SILL FOR STD. SILL (NO RISER) LIMIT EXTERIOR(+) LOADS TO 66.7 PSF SEE DETAIL ON SHEET 4.

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



GLAZING OPTIONS

PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. 23-0928.27
Expiration Date: 05/01/2024
By: Manuel Perez
Miami-Dade Product Control



JUL 19 2023

afC

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\W07-80FWS

SERIES FWS-300 ALUM HORIZ. SLIDING WDW. (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
C	12.30.15		REV. PER PER COMMENTS
D	01.16.18		UPDATED TO 2017 FBC
E	11.05.20		UPDATED TO 2020 FBC
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date: 10-15-07

scale: 1/2" = 1"

dr. by: TARIQ

chk. by:

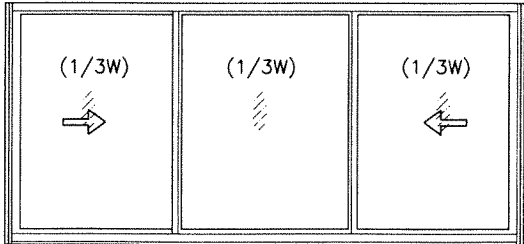
drawing no.

W07-80

sheet 2 of 7

DESIGN LOAD CAPACITY - PSF (XOX SIZES)										
WINDOW DIMS.		A	GLASS TYPE 'A' WITHOUT REINFORCING				GLASS TYPE 'B' WITH REINFORCING			
			W/O SHEAR CLIPS		WITH SHEAR CLIPS		W/O SHEAR CLIPS		WITH SHEAR CLIPS	
			EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
74"	26" (3)	6	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
106-1/4"		9	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
111"		9	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
74"	38-3/8" (4)	6	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
106-1/4"		9	66.7	75.0	66.7	73.6	77.5	77.5	80.0	100.0
111"		9	66.7	75.0	66.7	71.8	80.0	81.7	80.0	100.0
74"	50-5/8" (5)	6	66.7	67.6	66.7	75.0	67.6	67.6	80.0	100.0
106-1/4"		9	55.8	55.8	66.7	75.0	55.8	55.8	80.0	100.0
111"		9	54.9	54.9	66.7	75.0	54.9	54.9	80.0	100.0
74"	63" (5)	6	49.8	49.8	66.7	75.0	49.8	49.8	80.0	93.6
106-1/4"		9	39.1	39.1	66.7	71.9	39.1	39.1	73.6	73.6
111"		9	38.2	38.2	66.7	70.1	38.2	38.2	71.8	71.8
72"	24" (3)	7	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
84"		9	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
96"		9	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
108"		9	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
72"	36" (3)	7	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
84"		9	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
96"		9	66.7	75.0	66.7	75.0	80.0	92.0	80.0	100.0
108"		9	66.7	75.0	66.7	75.0	80.0	80.0	80.0	100.0
72"	48" (4)	7	66.7	74.4	66.7	75.0	74.4	74.4	80.0	100.0
84"		9	66.7	68.0	66.7	75.0	68.0	68.0	80.0	100.0
96"		9	63.7	63.7	66.7	75.0	63.7	63.7	80.0	100.0
108"		9	61.0	61.0	66.7	75.0	61.0	61.0	80.0	100.0
72"	60" (5)	7	54.2	54.2	66.7	75.0	54.2	54.2	80.0	100.0
84"		9	48.7	48.7	66.7	75.0	48.7	48.7	80.0	91.5
96"		9	44.7	44.7	66.7	75.0	44.7	44.7	80.0	84.1
108"		9	41.8	41.8	66.7	75.0	41.8	41.8	78.6	78.6

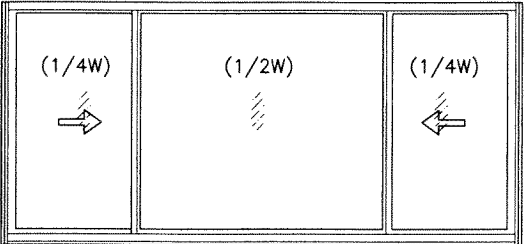
A = NO. OF ANCHORS PER HEAD & SILL
() = NO. OF ANCHORS PER JAMB



OPERATING VENTS TO BE 1/3 OF THE WINDOW WIDTH

DESIGN LOAD CAPACITY - PSF (XOX SIZES)										
WINDOW DIMS.		A	GLASS TYPE 'A' WITHOUT REINFORCING				GLASS TYPE 'B' WITH REINFORCING			
			W/O SHEAR CLIPS		WITH SHEAR CLIPS		W/O SHEAR CLIPS		WITH SHEAR CLIPS	
			EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
74"	26" (3)	7	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
106-1/4"		9	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
111"		9	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
74"	38-3/8" (4)	7	66.7	75.0	66.7	75.0	80.0	87.6	80.0	100.0
106-1/4"		9	66.7	75.0	66.7	73.2	80.0	92.9	80.0	100.0
111"		9	66.7	75.0	66.7	72.0	80.0	88.5	80.0	100.0
74"	50-5/8" (5)	7	66.0	66.0	66.7	75.0	66.0	66.0	80.0	100.0
74"	63" (5)	7	47.4	47.4	66.7	75.0	47.4	47.4	80.0	89.0
72"	24" (3)	7	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
84"		9	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
96"		9	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
108"		9	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
72"	36" (3)	7	66.7	75.0	66.7	75.0	80.0	95.7	80.0	100.0
84"		9	66.7	75.0	66.7	75.0	80.0	92.6	80.0	100.0
96"		9	66.7	75.0	66.7	75.0	80.0	80.0	80.0	100.0
108"		9	66.7	75.0	66.7	75.0	80.0	96.6	80.0	100.0
72"	48" (4)	7	66.7	72.9	66.7	75.0	72.9	72.9	80.0	100.0
84"		9	66.7	68.4	66.7	75.0	68.4	68.4	80.0	100.0
96"		9	61.5	61.5	66.7	75.0	61.5	61.5	80.0	100.0
72"	60" (5)	7	51.7	51.7	66.7	75.0	51.7	51.7	80.0	97.2

A = NO. OF ANCHORS PER HEAD & SILL
() = NO. OF ANCHORS PER JAMB

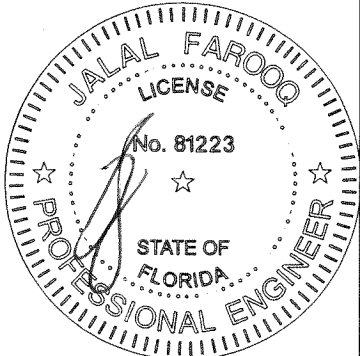


OPERATING VENTS TO BE 1/4 OF THE WINDOW WIDTH

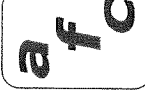
ALL EXTERIOR(+) LOADS SHOWN ON THIS SHEET ARE FOR WINDOWS WITH APPLIED RISER AT FRAME SILL FOR STD. SILL (NO RISER) LIMIT EXTERIOR(+) LOADS TO 66.7 PSF SEE DETAIL ON SHEET 4.

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

JUL 19 2023



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By: *Manuel Perez*
Miami-Dade Product Control

**AL-FAROOQ CORPORATION**
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP - ANL \ W07 - 80FWS

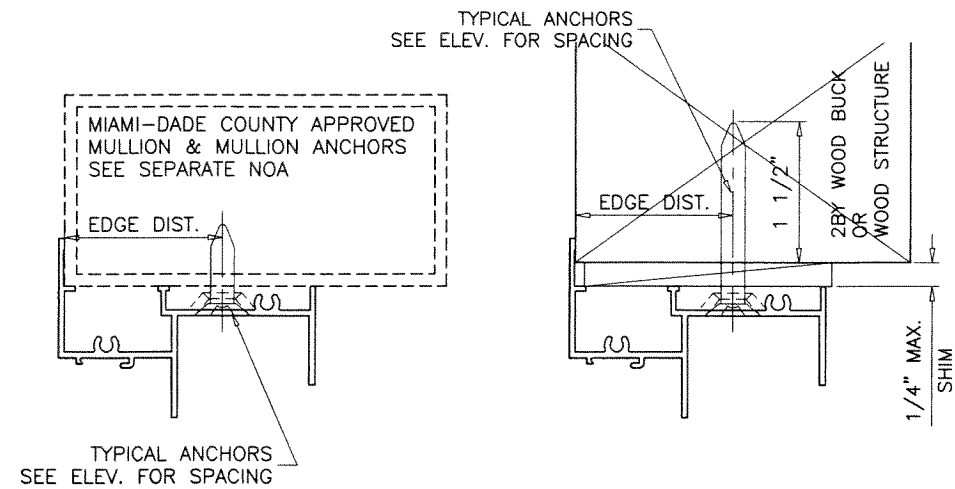
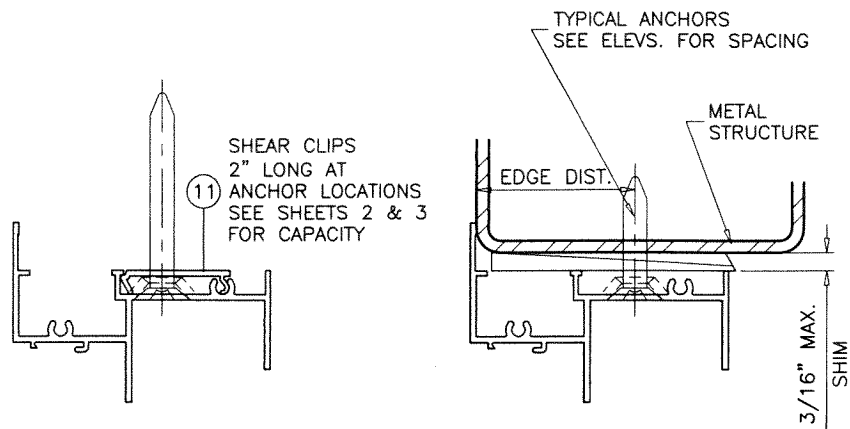
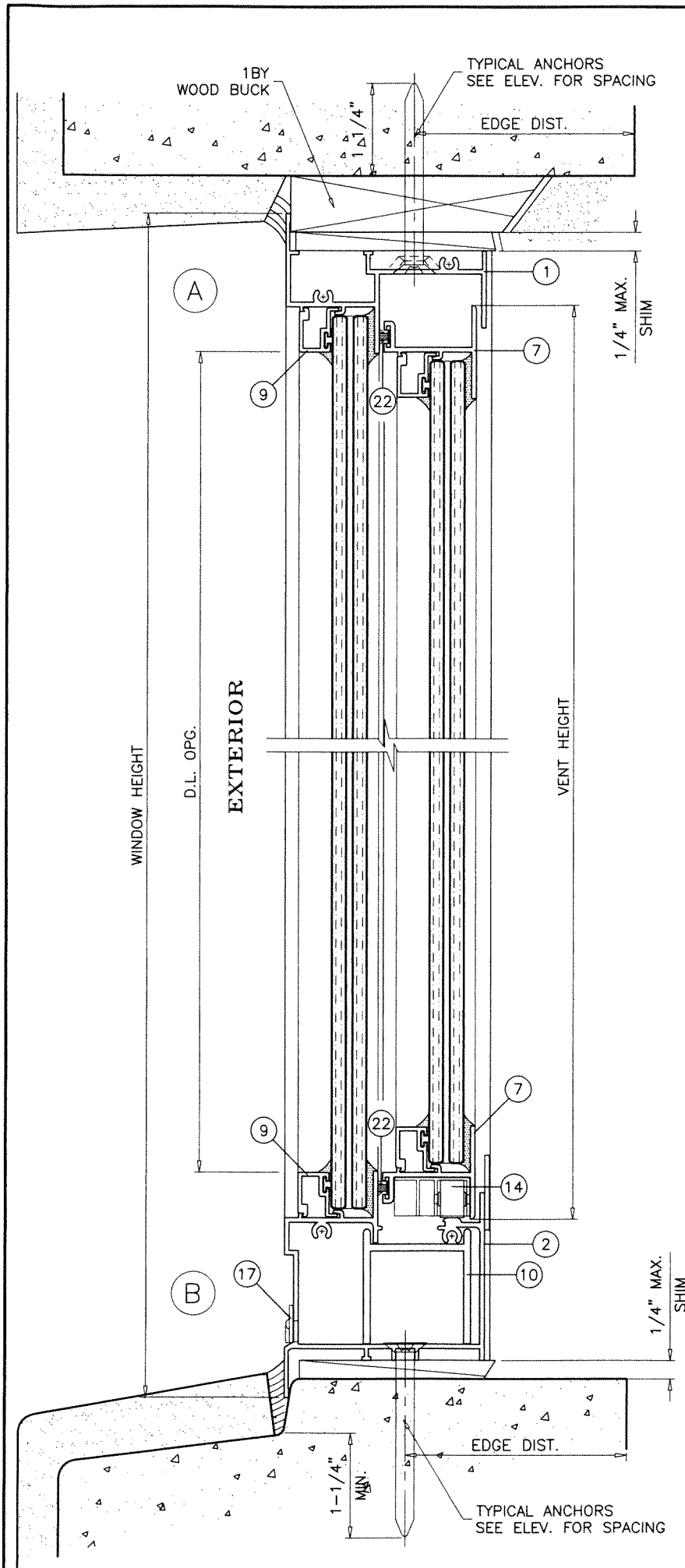
SERIES FWS-300 ALUM. HORIZ. SLIDING WDW. (L.M.I.)
FLORIDA WINDOW SYSTEMS CORP.
7191 N.W. 77 TERRACE
MEDLEY, FL. 33166
TEL. (305) 805-9420 FAX (305) 805-9424

revisions:

no	date	by	description
C	12.30.15		REV. PER PER COMMENTS
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date: 10-15-07
scale: 1/2"=1'-0"
dr. by: TARIQ
chk. by:

drawing no.
W07-80
sheet 3 of 7



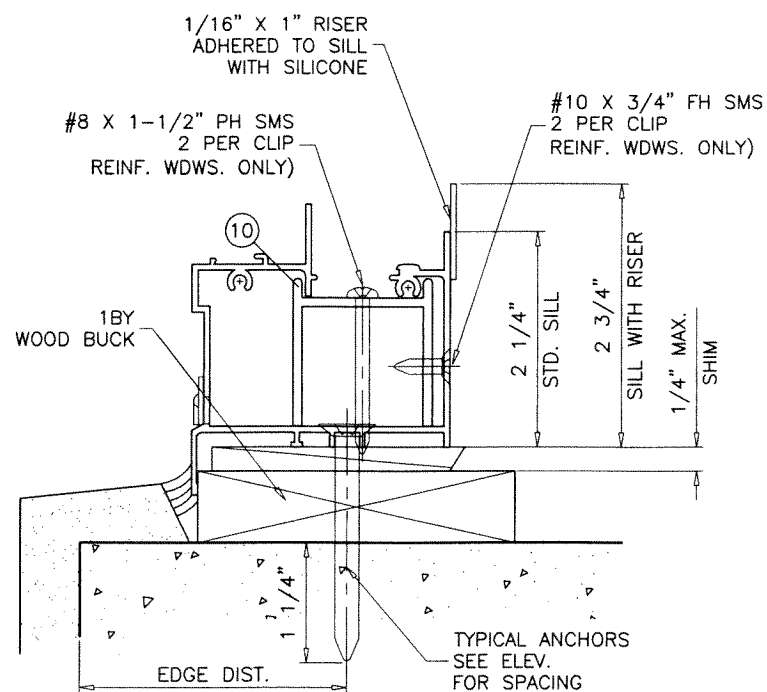
WOOD BUCKS AND METAL STRUCTURE NOT BY 'FLORIDA WDW. SYS.'
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

SEALANT:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SEALANT.

WEEPHOLES:

W1 = 1" X 1/4" WEEPHOLES AT 5" FROM EACH END



REINFORCED SILL INSERT
SEE SHEETS 2 & 3 FOR CAPACITY

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 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)

#12 TEKS OR SELF-DRILLING SCREWS (GRADE 5 CRS)
INTO MIAMI-DADE COUNTY APPROVED MULLIONS
OR
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. ($F_y = 36$ KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

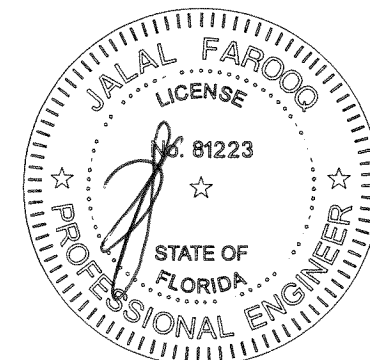
CRITICAL EDGE DISTANCE

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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9360 SUNSET DRIVE, SUITE 220
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COMP-ANL\W07-80FWS

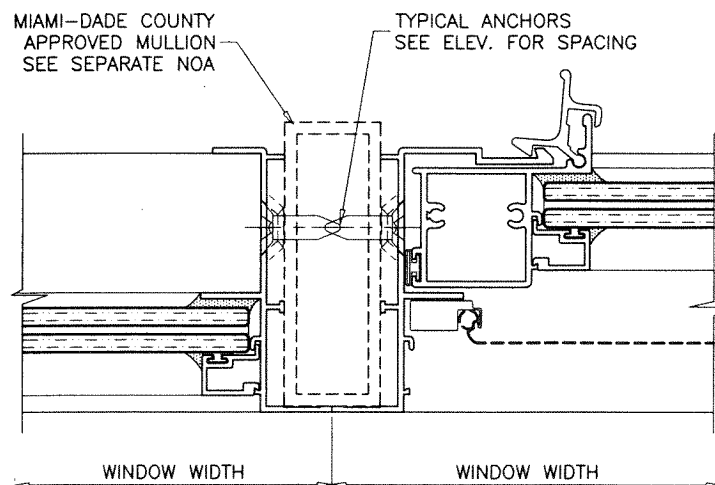
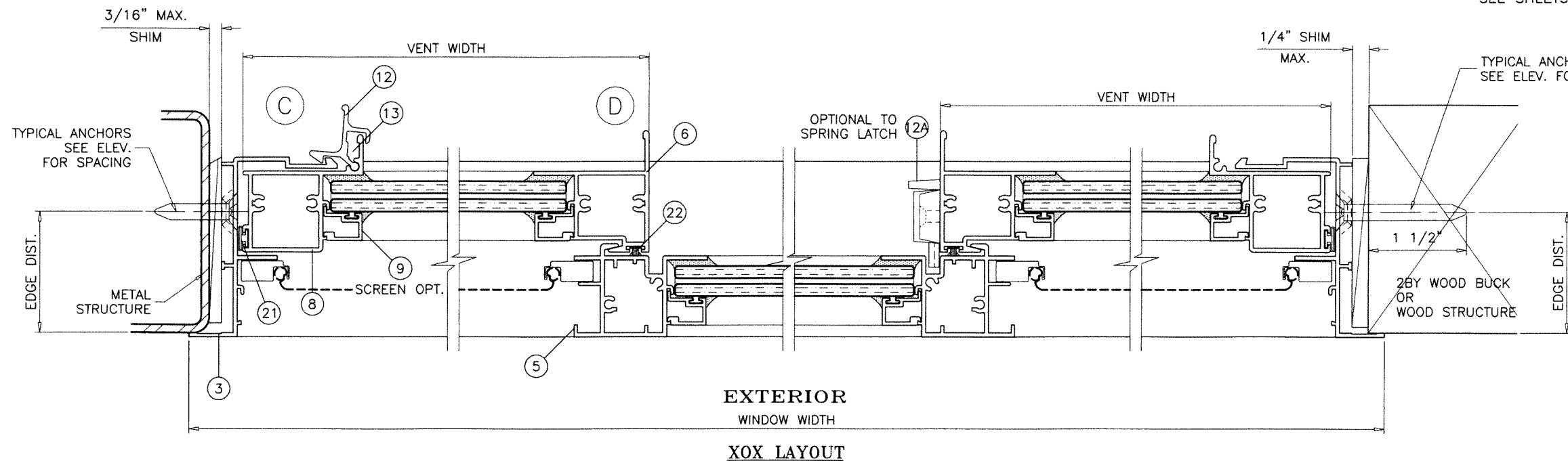
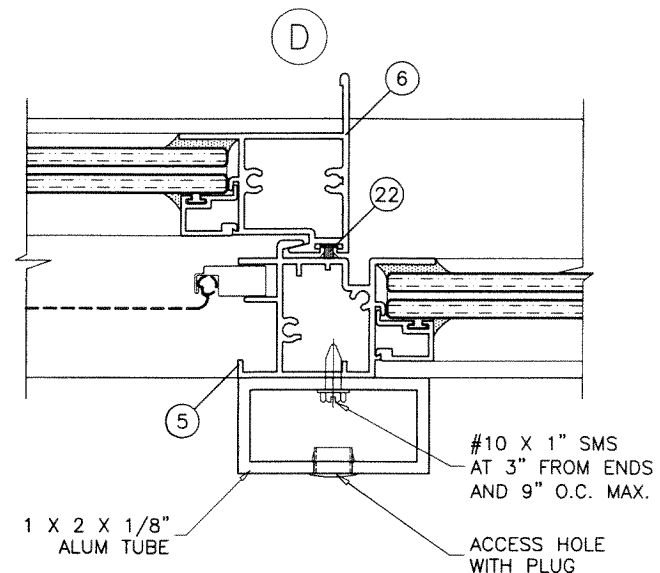
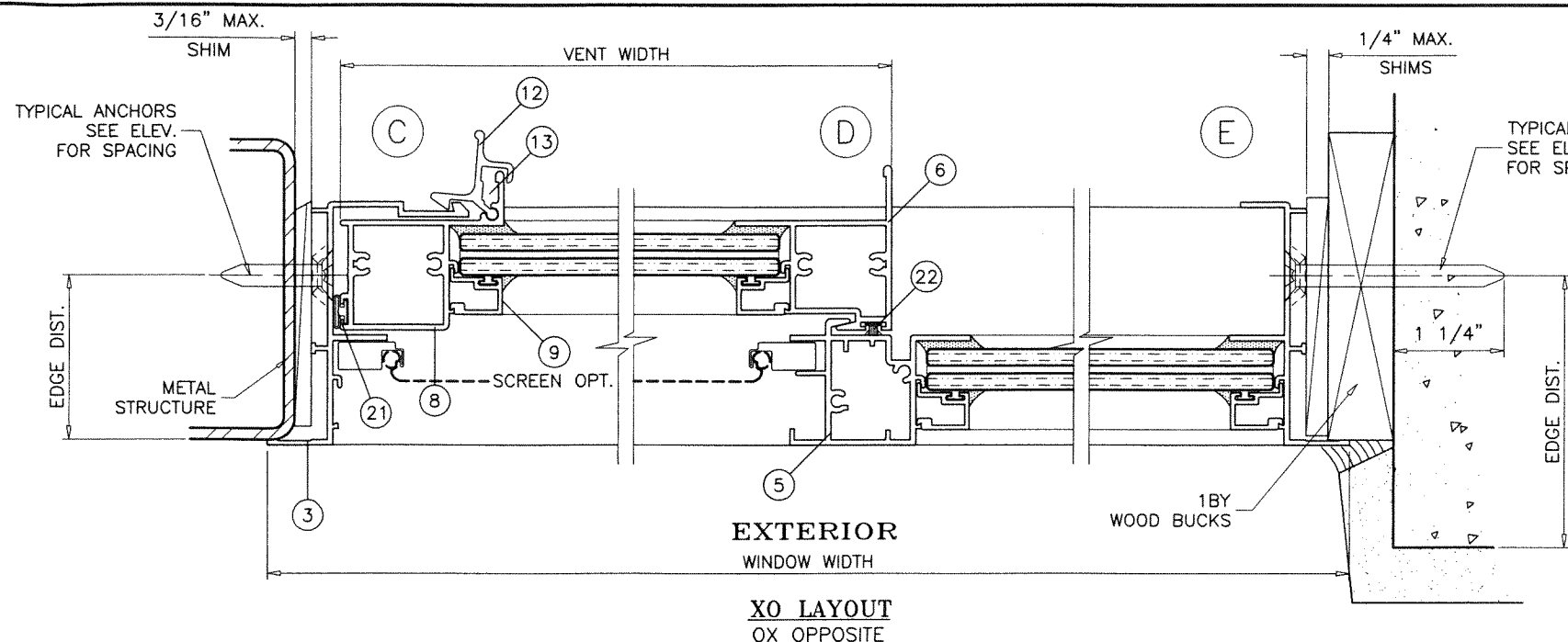
SERIES FWS-300 ALUM. HORIZ. SLIDING WDW. (L.M.I.)
FLORIDA WINDOW SYSTEMS CORP.
7191 N.W. 77 TERRACE
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dr. by: TARIQ
chk. by:

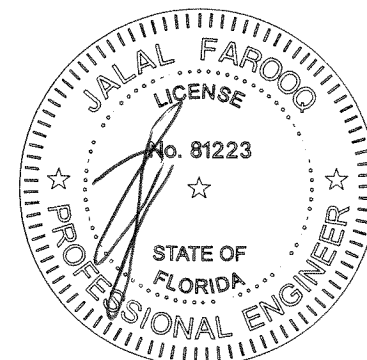
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drawing no.
W07-80

sheet 4 of 7



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 Miami-Dade Product Control



JUL 19 2023

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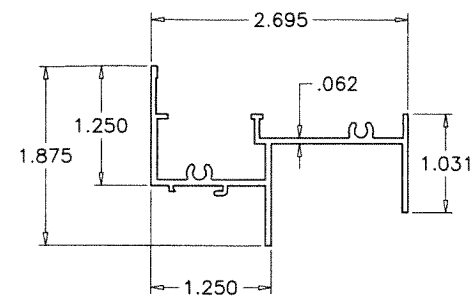
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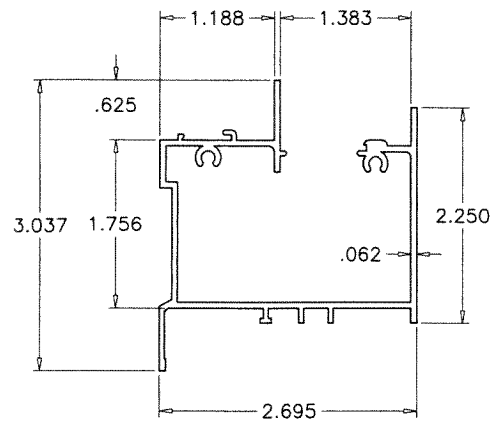
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drawing no. **W07-80**

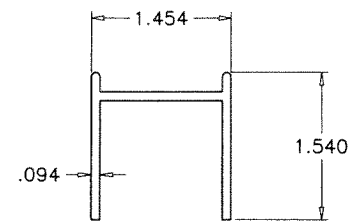
sheet 5 of 7



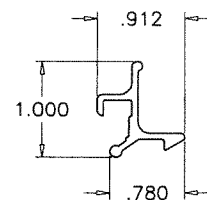
① FRAME HEAD



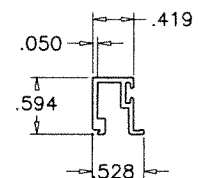
② FRAME SILL



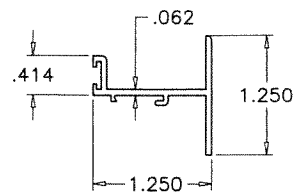
⑩ SILL TRACK



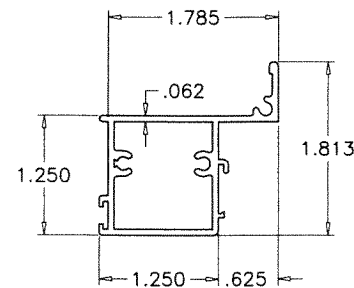
(12) VENT LATCH



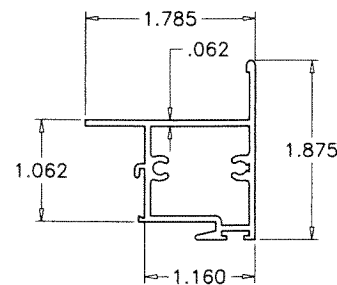
⑨ GLAZING BEAD



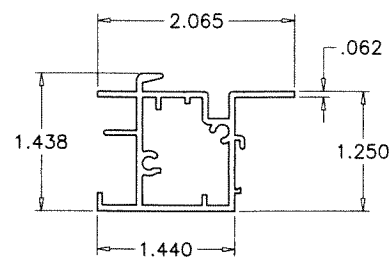
⑦ VENT TOP/BOTTOM RAIL



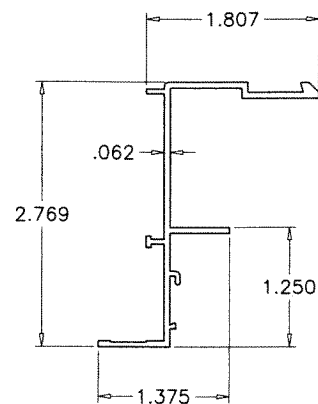
⑧ JAMB STILE



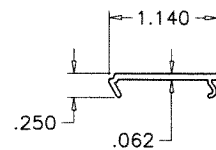
⑥ MEETING RAIL



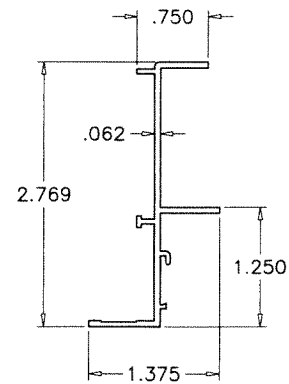
(5) FIXED MTG. RAIL



③ FRAME JAMB (VENT)



SHEAR CLIP



④ FRAME JAMB (FIX)

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	FWS-022	1	FRAME HEAD	6063-T6	-
2	FWS-026	1	FRAME SILL	6063-T6	-
3	FWS-019	1	FRAME JAMB VENT	6063-T6	-
4	FWS-	1	FRAME JAMB FIX.	6063-T6	-
5	FWS-025	1/ VENT	FIXED RAIL	6063-T5	-
6	FWS-024	1/ VENT	VENT MEETING RAIL	6063-T6	-
7	FWS-016	2/ VENT	TOP AND BOTTOM RAIL	6063-T5	-
8	FWS-023	1/ VENT	JAMB STILE	6063-T5	-
9	FWS-029	AS REQD.	GLAZING BEAD	6063-T6	-
10	FWS-015A	1	6" LONG SILL TRACK INSERT	6063-T5	AT FIXED RAILS ONLY
11	-	AS REQD.	SHEAR CLIP 2" LONG	6063-T6	AT ANCHOR LOCATIONS
12	FWS-018	2/ VENT	VENT LATCH	6063-T6	AT 10-1/2" FROM ENDS
12A	-	2/ VENT	CAM TYPE SWEEP LOCK	ZAMAK	AT 13-7/8" FROM ENDS
13	14-6010	1/ LATCH	VENT LATCH SPRING	ST. STEEL	-
14	RH-2500	2/ VENT	ROLLER HOUSING & GUIDE	PLASTIC	M&M PLASTICS
17	FWS-075	AS REQD.	BAFFLE	NYLON	M&M PLASTICS
18	#8 X 1-1/4"	AS REQD.	FRAME/VENT ASSEMBLY SCREWS	CRS	P.H. SMS
19	#8 X 3"	2/ VENT	FIX. RAIL SILL SCREWS (SILL END)	CRS	P.H. SMS
20	-	AS REQD.	GLAZING GASKET	VINYL	-
21	E-205	AS REQD.	BULB W'STRIPPING	FLEX PVC	-
22	W23211NG	AS REQD.	WOOLPILE W'STRIPPING	-	ULTRAFAB OR EQUIV.
23	-	AS REQD.	SETTING BLOCKS	EPDM	DUROMETER 80±5 SHORE A
25	-	1/ VENT	5/16" BOX SCREEN	-	OPTIONAL

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A circular professional engineer seal for Jalal Farooq. The outer ring contains the text "JALAL FAROOQ" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by three stars. The inner circle contains the word "LICENSE" at the top, the license number "No. 81223" in the center, and "STATE OF FLORIDA" at the bottom. A stylized signature is written across the center of the seal.

JUL 19 2023

SERIES FWS-300 ALUM. HORIZ. SLIDING WDW. (L.M.I.)

FLORIDA WINDOW SYSTEMS CORP.
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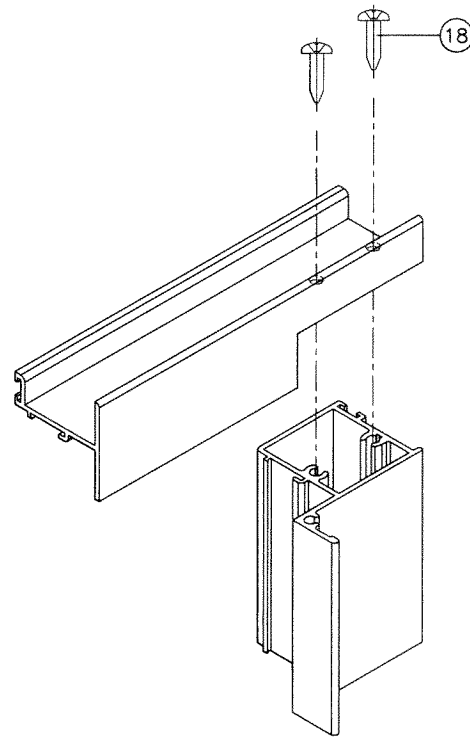
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drawing no.

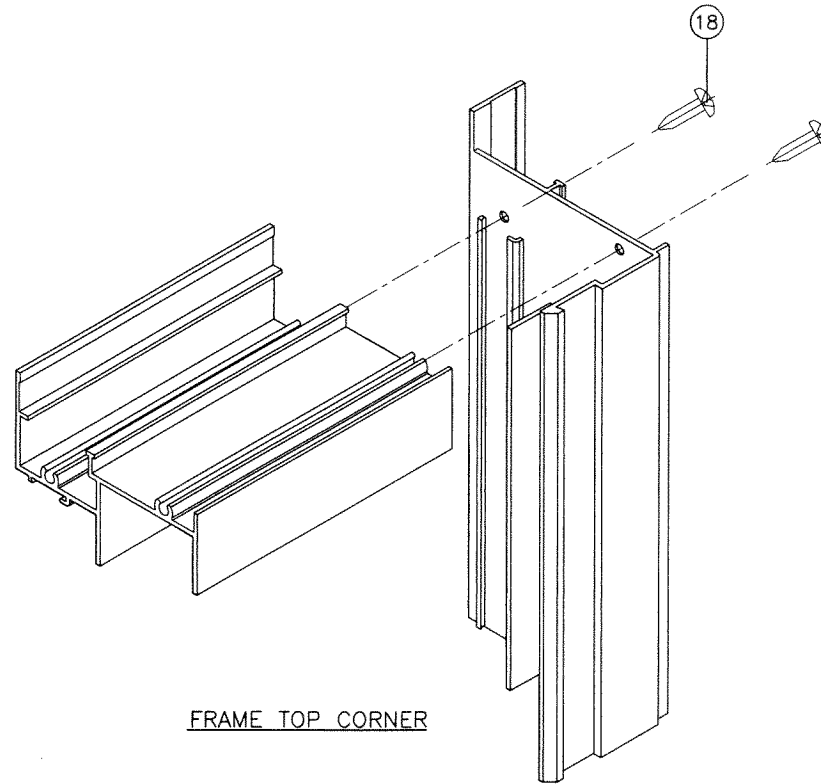
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sheet 6 of 7

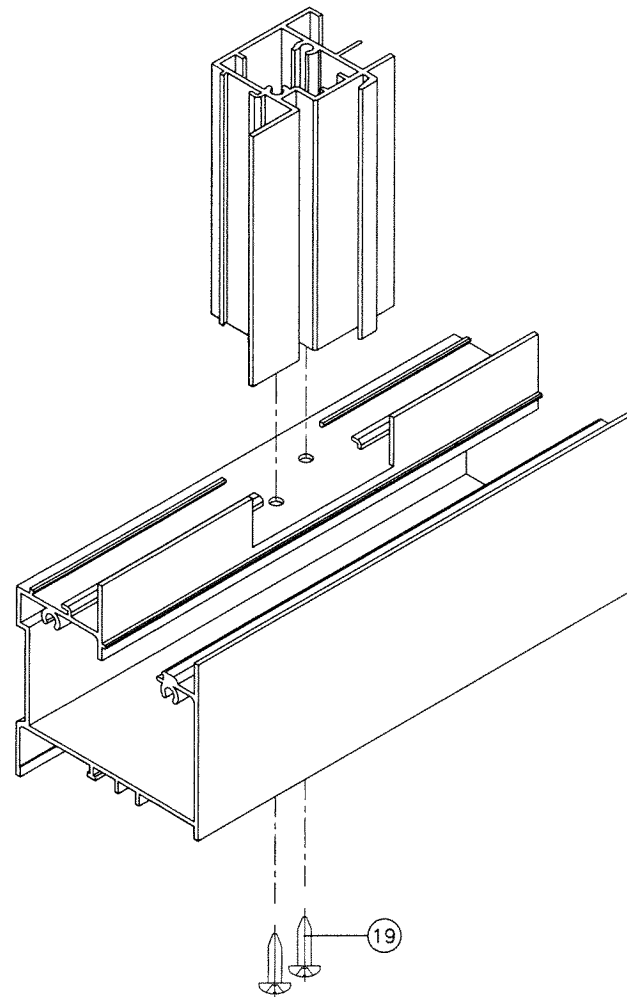
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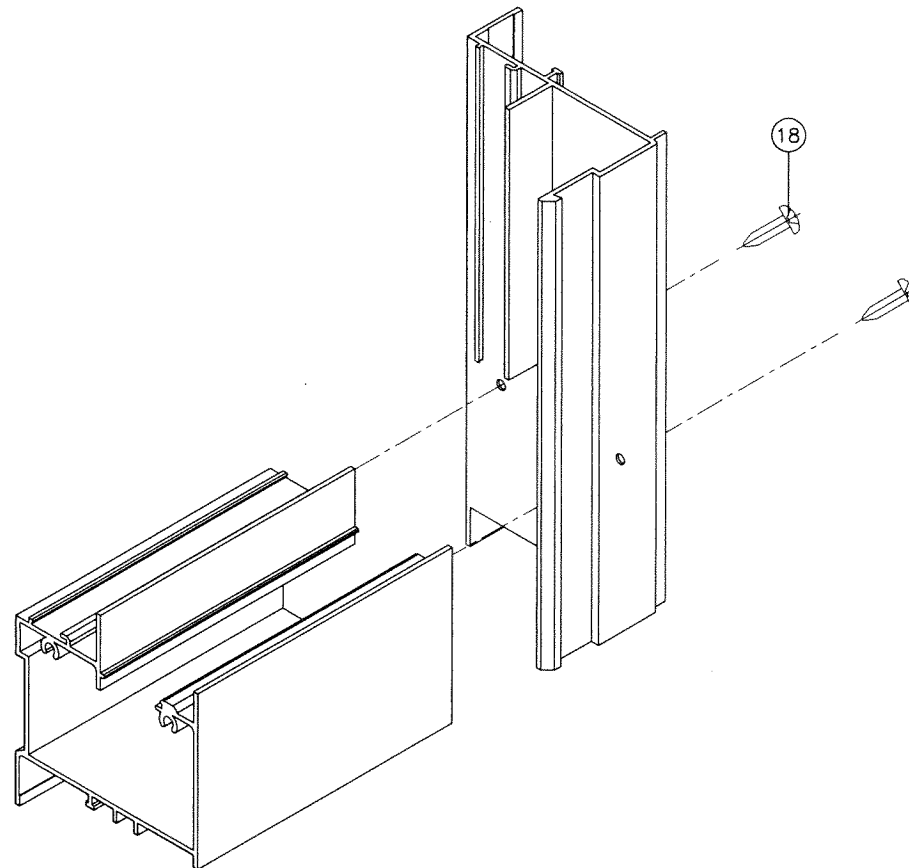
VENT TOP/BOTTOM CORNERS



FRAME TOP CORNER



FIXED MTG. RAIL CORNER



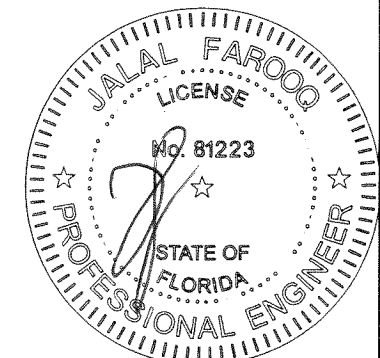
FRAME BOTTOM CORNER

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