

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

Eco Window Systems, LLC 8502 NW 80 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 "620FS" Aluminum Fixed Window – L.M.I.

**APPROVAL DOCUMENT:** Drawing No. **17-83**, titled "Series 620FS Aluminum Fixed Window (L.M.I.)" sheets 1 through 6 of 6, dated 09/18/17, with revision **B** dated 11/05/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E., bearing the Miami-Dade County Product Control Section 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#18-0517.05** and consists of this page 1 and evidence page E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Sifang Zhao, P.E.





NOA No. 20-1119.08 Expiration Date: June 13, 2024 Approval Date: February 11, 2021 Page 1

# **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. 18-0517.05)
- 2. Drawing No 17-83, titled "Series 620FS Aluminum Fixed Window (L.M.I.)", sheets 1 through 6 of 6, dated 09/18/17, with revision A dated 05/13/19, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

## B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Large Missile Impact Test per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with marked-up drawings and installation diagram of a series 620FS and 610FS aluminum fixed windows, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-9430**, dated 02/24/17, signed and sealed by Idalmis Ortega, P.E. (*Submitted under NOA No. 18-0517.05*)

## C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with **FBC 6<sup>th</sup> Edition (2017)**, dated 11/01/17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, 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. Notice of Acceptance No. 17-1114.14 issued to Kuraray America, Inc. for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers" dated 01/18/18, expiring on 07/08/19.
- 2. Notice of Acceptance No. 17-0808.02 issued to Kuraray America, Inc. for their "SentryGlas® (Clear and White) Glass Interlayers" dated 12/28/17, expiring on 07/04/23.

## F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 6<sup>th</sup> Edition** (2017), and of no financial interest, dated November 1, 2017, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

## G. OTHER

1. None.

Sifang Zhao, P.E. Product Control Examiner NOA No. 20-1119.08 Expiration Date: June 13, 2024 Approval Date: February 11, 2021

# **NOTICE OF ACCEPTANCE:** EVIDENCE SUBMITTED

## 2. NEW EVIDENCE SUBMITTED

#### A. DRAWINGS

1. Drawing No. 17-83, titled "Series 620FS Aluminum Fixed Window (L.M.I.)" sheets 1 through 6 of 6, dated 09/18/17, with revision B dated 11/05/20, prepared by Al-Farooq Corporation and 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. 20-0915.22 issued to Kuraray America, Inc. for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers", expiring on 07/08/24.
- 2. Notice of Acceptance No. 20-0915.19 issued to Kuraray America, Inc. for their "SentryGlas® (Clear and White) Glass Interlayers", expiring on 07/04/23.

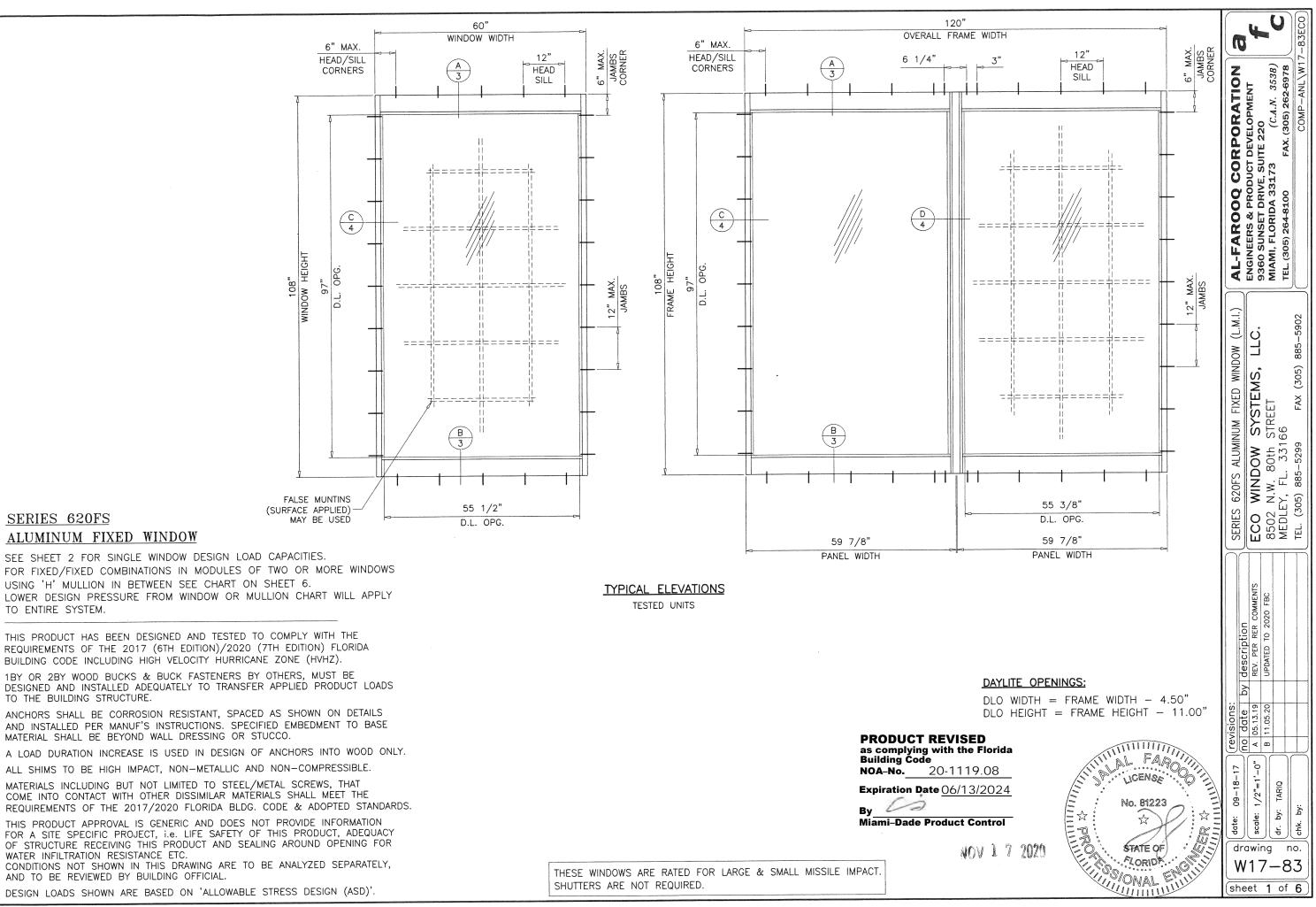
## F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 6th** Edition (**2017**), with **FBC 7th** Edition (**2020**), and of no financial interest, dated 11/05/2020, prepared by Al-Farooq Corporation and signed and sealed by Jalal Farooq, P.E.

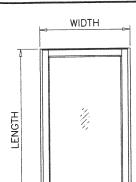
## G. OTHERS

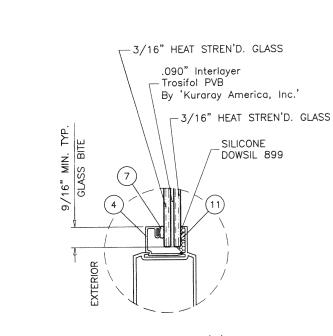
1. Notice of Acceptance No. **18-0517.05**, issued to Eco Window Systems, LLC for their Series "620FS" Aluminum Fixed Window – L.M.I.", approved on 06/13/2019 and expires on 06/13/2024.

Sifang Zhao, P.E. Product Control Examiner NOA No. 20-1119.08 Expiration Date: June 13, 2024 Approval Date: February 05, 2021

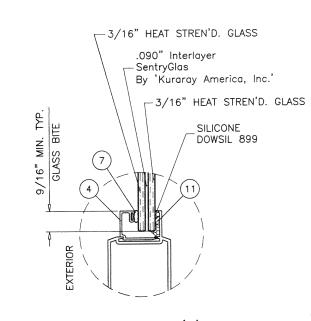


DESI	GN LOAD C.	APACITY -	- PSF
WINDO'	W DIMS.		TYPE & 'B'
WIDTH	LENGTH	EXT.(+)	1NT.(-)
36"		60.0	60.0
42"		60.0	60.0
48"		60.0	60.0
54"	90"	60.0	60.0
60"		60.0	60.0
66"		54.5	54.5
72"		50.0	50.0
36"		60.0	60.0
42"		60.0	60.0
48"	96"	60.0	60.0
54"	90	60.0	60.0
60"		60.0	60.0
66"		54.5	54.5
36"		60.0	60.0
42"		60.0	60.0
48"	102"	60.0	60.0
54"		60.0	60.0
60"		60.0	60.0
36"		60.0	60.0
42"		60.0	60.0
48"	108"	60.0	60.0
54"		60.0	60.0
60"		60.0	60.0





GLASS TYPE 'A' 7/16" NOM. LAM. GLASS



GLASS TYPE 'B' 7/16" NOM. LAM. GLASS

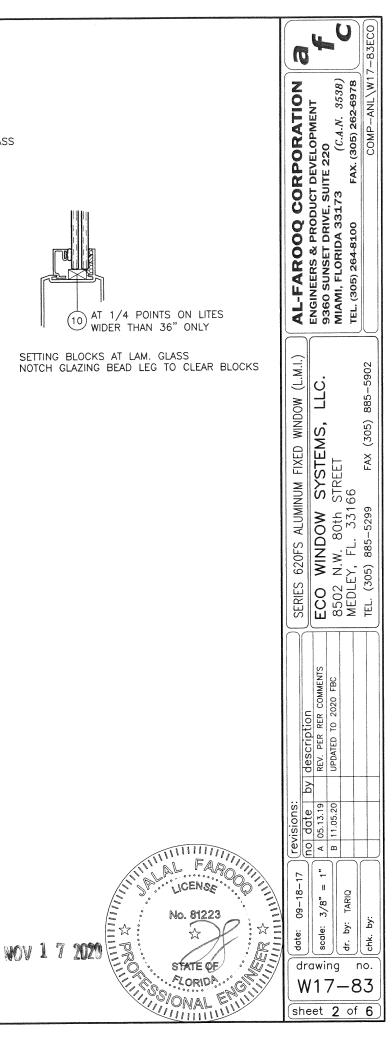
**PRODUCT REVISED** 

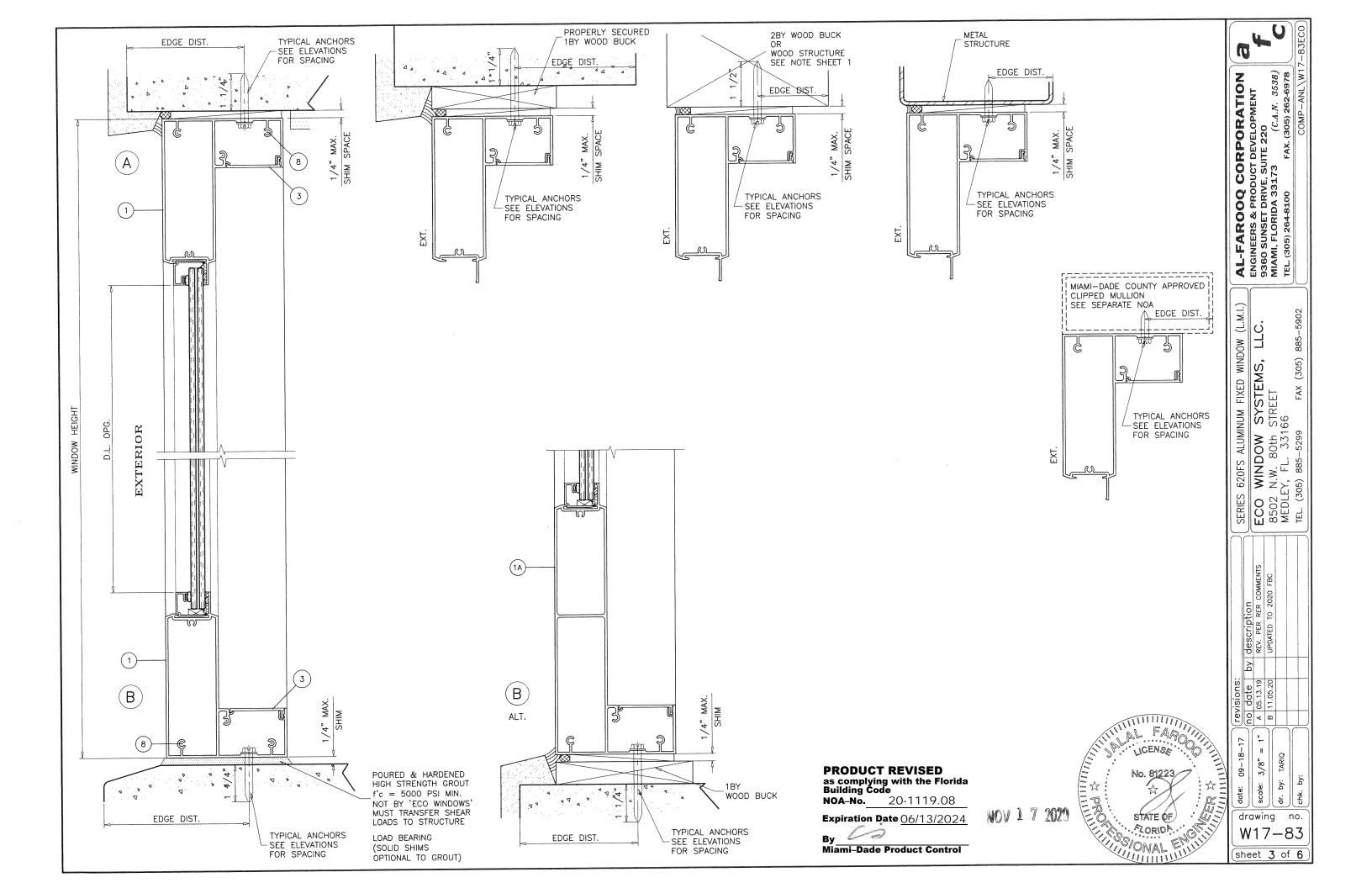
as complying with the Florida Building Code **NOA-No.** <u>20-1119.</u>08

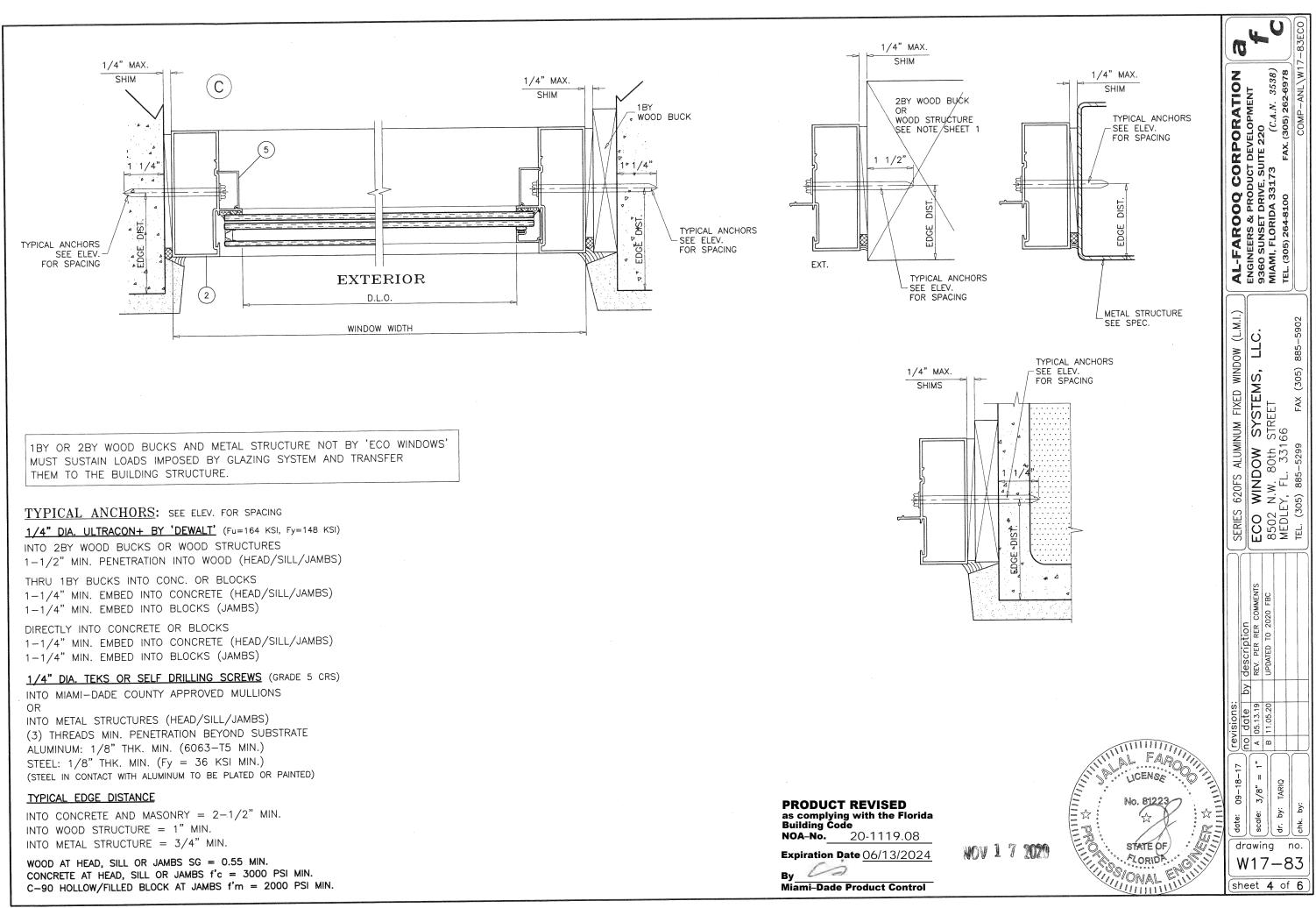
Expiration Date 06/13/2024

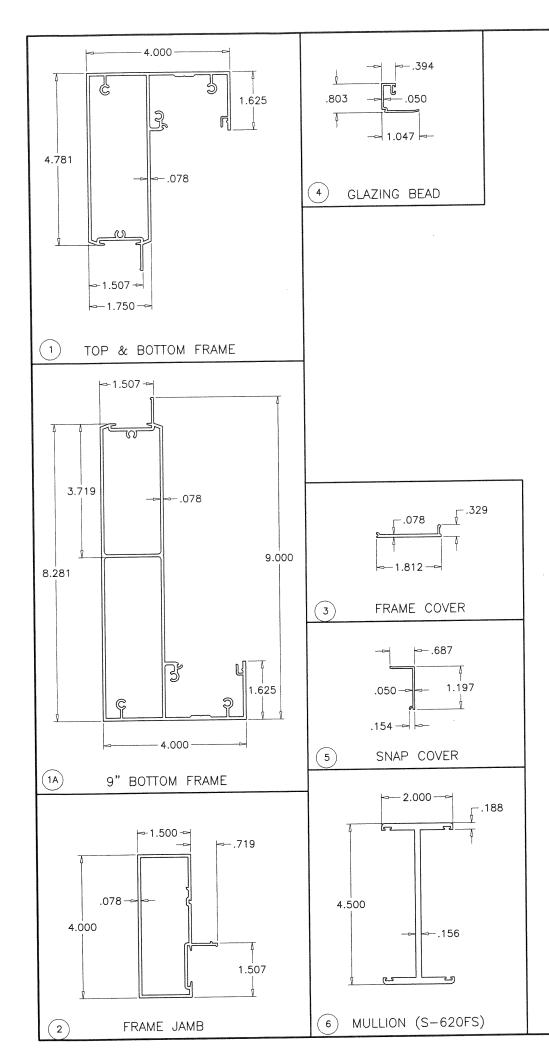


Miami-Dade Product Control

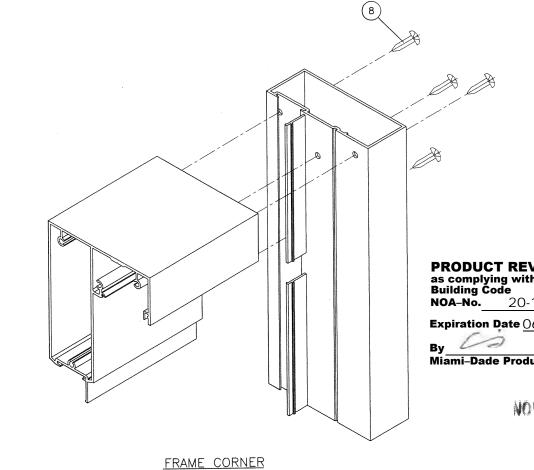








ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS	DRATION A   LOPMENT A   COMP-ANL\W17-B3ECO C
1	E604	-	TOP & BOTTOM FRAME	6063-T6	-	
1A	E626		9" BOTTOM FRAME	6063-T6	-	
2	E605	_	FRAME JAMB	6063-T6	-	CORPORATION UCT DEVELOPMENT E, SUITE 220 173 (C.A.N. 3538) FAX. (305) 262-6978 COMP-ANL/WT
3	E602	-	FRAME COVER	6063-T6	-	ENT ENT - 3.
4	FY109	-	GLAZING BEAD	6063-T6	-	A.N A.N
5	E616	-	SNAP COVER	6063-T6	-	
6	E623	1	'H' MULLION	6063-T6	-	
7	E206	-	GLAZING BEAD BULB	EPDM	ULTRAFAB	
8	#10 X 1-1/4"	AS REQD.	FRAME ASSEMBLY SCREWS	ST. STEEL	HH SMS CARDINAL	
9			XL EDGE SPACER (INSUL LAM. GLASS)		AT 6" FROM EACH END, DUROMETER 80±5	
10		2/ LITE	SETTING BLOCK, 1/4" X 1/2" X 4" LOI SETTING BLOCK, 1/4" X 3/4" X 4" LOI		AT 6" FROM EACH END, DUROMETER 80±5	DA DA
10A		2/ LITE	GLASS SPACER	SILICONE	FRANK LOWE RUBBER CO.	0 S S 8 0 S E S 8 0 S E S 8
11	– E20618–KN–3020	AS REQD.	BULB W'STRIPPING	EPDM	_	
12	E20018-KN-5020					AL-FAROOQ CORPORATIC ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 (C.A.N. 35 TEL. (305) 264-8100 FAX. (305) 262-61 COMP-ANL
						A B B B B B B B B B B B B B B B B B B B
	SEALAN'	<u>TS:</u>				
	ALL FRAM	E JOINTS .	AND SEAMS SEALED WITH			(L.M.I.) .C.
	SCHNEE-N	NOREHEAD	SM5504 ACRYL-R SEAM SEALER.			-59( (L.N
						JW JW 385-
						WINDOW 1S, LL
						FIXED STEN EET FAX (
						1 UMI 1 th 299
						5 ALUMII DOW 80th 331
						620FS ALUW WINDOW N.W. 80th Y, FL. 33
						ES 620FS ALUMI <b>D WINDOW</b> 12 N.W. 80th 12EY, FL. 331 (305) 885-5299
						SERIES ECO 8502 MEDLI TEL. (3
				, en en		
						S
						description REV. PER RER COMMENTS UPDATED TO 2020 FBC
		~ /		A		COM
						N 20
						PDATE
	$\mathbf{k}$					
						py
				PRODUCT REVISE		revisions: no date 8 11.05.20
		Ĭ		as complying with the Building Code	Florida	revisions no date A 05.13.19 B 11.05.20
				<b>Building Code</b> <b>NOA-No.</b> 20-111	808	
					FAD T	
		-		Expiration Date <u>06/13</u>	VIZUZ4	3-17
				By	ontrol	09-18-17 3/8" = 1 TARIQ
	1995			Miami–Dade Product C	ontrol No. 81223	e: 09 le: 3, by: T
						date: d scale: d dr. by:
	U			NOV 1	7 2020 EP	
				1 <b>1</b> 1/2 <b>1</b> /2 <b>1</b>	E A DONA	W17-83
	FRAME CORNER					sheet 5 of 6
and a subscription of the					~·····	



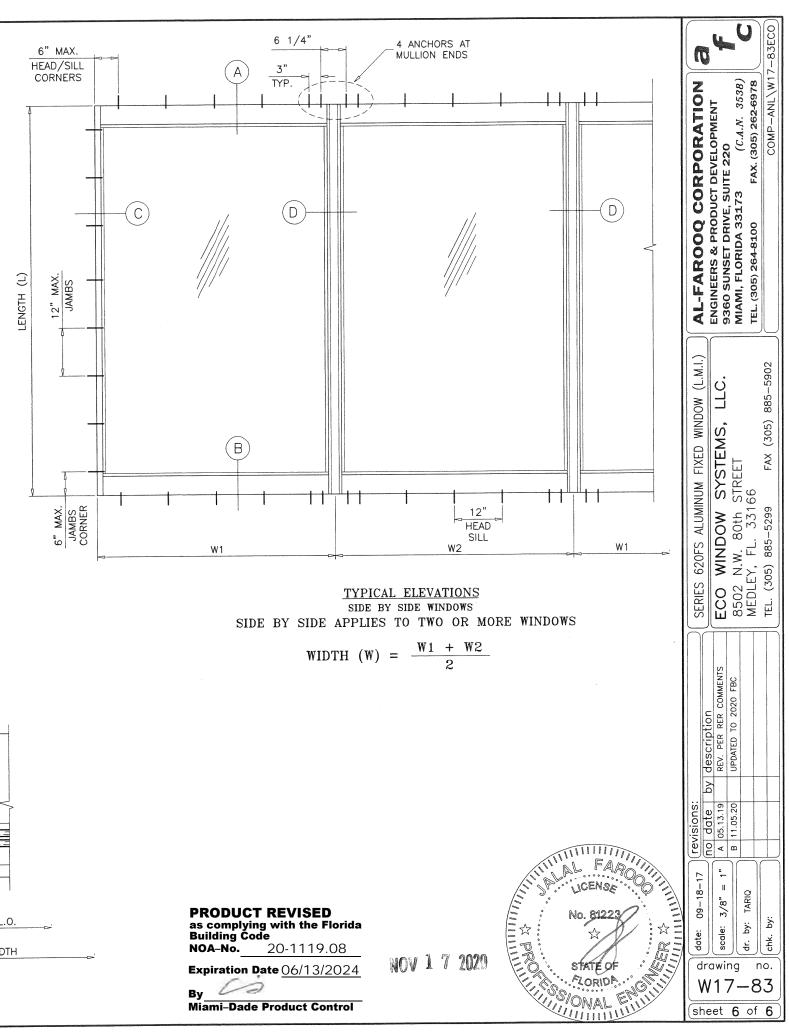
MULLION LOAD CAPACITY - PSF				
WINDOW	DIMS.	'H' MULLION		
WIDTH (W)	LENGTH (L)	EXT.(+)	INT.(-)	
36"		60.0	60.0	
42"		60.0	60.0	
48"		60.0	60.0	
54"	90"	60.0	60.0	
60"		60.0	60.0	
66"		60.0	60.0	
72"		60.0	60.0	
36"		60.0	60.0	
42"		60.0	60.0	
48"	96"	60.0	60.0	
54"	90	60.0	60.0	
60"		60.0	60.0	
66"		60.0	60.0	
36"		60.0	60.0	
42"		60.0	60.0	
48"	102"	60.0	60.0	
54"		60.0	60.0	
60"		60.0	60.0	
36"		60.0	60.0	
42"		60.0	60.0	
48"	108"	60.0	60.0	
54"		60.0	60.0	
60"		60.0	60.0	

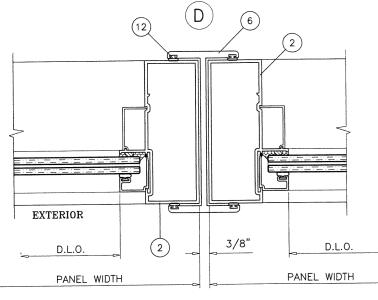
#### NOTES:

1. USE CHART ON THIS SHEET FOR SIDE BY SIDE CONNECTION CAPACITY OF WINDOW MULLION.

.

- 2. FOR FIXED WINDOW CAPACITY SEE SHEET 2.
- 3. LOWER VALUES FROM STEPS 1 OR 2 WILL APPLY TO ENTIRE SYSTEM.





TOT	AL	PF	<b>PERTIES</b>
Ix	=	??	IN\4
Sx		??	IN\3