

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

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/economy

# **NOTICE OF ACCEPTANCE (NOA)**

ESR Impact System LLC 12400 SW 134<sup>th</sup> Street, Suite 8 Miami, FL 33186

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 "1500" Aluminum Fixed Window – L.M.I.

**APPROVAL DOCUMENT:** Drawing No. **24-89D**, titled "Series-1500 Aluminum Fixed Window (L.M.I.)", sheets 1 through 7 of 7, dated 12/02/24, 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, **Barranquilla**, **Colombia**, 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. 24-1101.02 and consists of this page 1 and evidence pages E-1, E-2, E-3 and E-4, as well as approval document mentioned above.

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



2/7/25

NOA No. 24-1219.07 Expiration Date: November 06, 2025 Approval Date: February 13, 2025

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. 13-0910.01)
- 2. Drawing No. W03-57, titled "Series-1500 Aluminum Fixed Window (L.M.I.)", sheets 1 through 7 of 7, dated 07/31/03, with revision J dated 07/06/023, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E. (Submitted under NOA No. 23-0901.07)

## 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 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 an aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-5339, dated 02/11/08, signed and sealed by Michael R. Wenzel, P.E. (Submitted under NOA No. 08-0417.06)
- 2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Large Missile Impact Test per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with marked-up drawings and installation diagram of an aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Report No.

FTL-5054, dated 10/03/06, signed and sealed by Edmundo Largaespada, P.E. (Submitted in NOA No. 06-0308.05)

- 3. 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 an aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Reports No.

**FTL-3810**, **FTL-3819** and **FTL-3808**, dated 05/16/03, 06/09/03 and 05/14/03 respectively, all signed and sealed by Joseph C. Chan, P.E.

(Submitted under NOA No. 03-0910.01)

Manuel Perez, P.E. Product Control Examiner NOA No. 24-1219.07

# **ESR Impact System LLC**

### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- 1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA'S (CONTINUED)
- C. CALCULATIONS
  - 1. Anchor verification calculations and structural analysis, complying with FBC-2010, FBC 5<sup>th</sup> Edition (2014) and FBC 6<sup>th</sup> Edition (2017), dated 09/10/14, 02/09/15 and 09/27/17 and updated on 11/16/20 to comply with FBC 7<sup>th</sup> Edition (2020), prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

(Submitted under NOA No. 20-1208.09)

- 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. 23-0717.30 issued to Kuraray America, Inc. for their "SentryGlas® (Clear and White) Glass Interlayers" dated 08/31/23, expiring on 07/04/28.
- 2. Notice of Acceptance No. 23-0717.28 issued to Kuraray America, Inc. for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers" dated 08/24/23, expiring on 07/08/24.

#### F. STATEMENTS

- 1. Statement letter of conformance, complying with **FBC 8<sup>th</sup> Edition (2023)**, and of no financial interest, dated October 30, 2024, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
  - (Submitted under NOA No. 24-1101.02)
- 2. Letter from consultant Al-Farooq Corporation, on behalf of **E.S. Windows**, LLC, requesting a 1-year extension to allow time to perform verification test, dated 10/30/24, signed and sealed by Jalal Farooq, P.E

(Submitted under NOA No. 24-1101.02)

Manuel Perez, P.E.
Product Control Examiner
NOA No. 24-1219.07

# **ESR Impact System LLC**

# NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- 1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA'S (CONTINUED)
- F. STATEMENTS (CONTINUED)
  - 3. Testing agreement letter, dated 08/28/23 between QAI Laboratories and E.S. Windows, LLC, issued by QAI Laboratories and signed by Lusinda Delgado, Technical Report Writer

(Submitted under NOA No. 23-0901.07)

- **4.** Distributor Agreement, dated 10/20/10, signed by Carla Garcia Torrente and by Andres Chamorro.
  - (Submitted under NOA No. 12-0223.41)
- 5. Laboratory compliance letter for Test Report No. FTL-6236, issued by Fenestration Testing Laboratory, Inc., dated 06/15/10, signed and sealed by Jorge A. Causo, P.E. (Submitted under NOA No. 12-0223.41)
- 6. Proposal No. **09-1583** issued by Product Control, dated 11/23/09, signed by Jaime D. Gascon, P. E.
  - (Submitted under NOA No. 08-0417.06)
- 7. Laboratory compliance letter for Test Report No. FTL-5054, issued by Fenestration Testing Laboratory, Inc., dated 10/03/06, signed and sealed by Edmundo Largaespada, P.E.
  - (Submitted under NOA No. 06-0308.05)
- 8. Laboratory compliance letter for Test Reports No. FTL-3810, FTL-3819 and FTL-3808, issued by Fenestration Testing Laboratory, Inc., dated 05/16/03, 06/09/03 and 05/14/03, all signed and sealed by Joseph C. Chan, P.E. (Submitted under NOA No. 03-0910.01)

# G. OTHERS

- 1. Notice of Acceptance No. 23-0901.07, issued to E.S. Windows, LLC, for their Series "1500" Aluminum Fixed Window L.M.I., approved on 10/19/23 and expiring on 11/06/24.
- 2. This is a one-year approval, subjected to successful verification test, the final approval will be issued for a total of 5 years.

Manuel Perez, P.E. Product Control Examiner NOA No. 24-1219.07/

# **ESR Impact System LLC**

# NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

## 2. NEW EVIDENCE SUBMITTED

#### A. DRAWINGS

1. Drawing No. **24-89D**, titled "Series-1500 Aluminum Fixed Window (L.M.I.)", sheets 1 through 7 of 7, dated 12/02/24, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

## B. TESTS

1. None.

### C. CALCULATIONS

1. None.

### D. **OUALITY ASSURANCE**

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

### E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 23-0717.30 issued to Kuraray America, Inc. for their "SentryGlas® (Clear and White) Glass Interlayers" dated 08/31/23, expiring on 07/04/28.
- 2. Notice of Acceptance No. 24-0205.08 issued to Kuraray America, Inc. for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers" dated 03/21/24, expiring on 07/08/29.

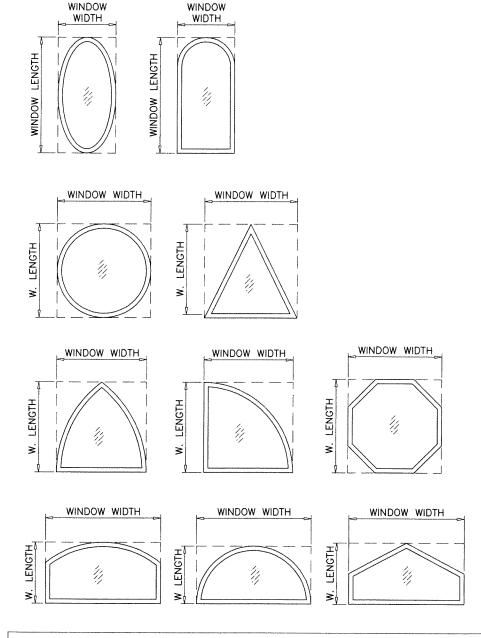
### F. STATEMENTS

- 1. Statement letter of conformance, complying with **FBC 8<sup>th</sup> Edition (2023)** and of no financial interest, dated November 26, 2024, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq. P.E.
- 2. Distributor Agreement between Energia Solar, S.A., Barranquilla, Columbia, S.A. and ESR Impact System LLC, Miami, Florida, dated 01/22/25, signed by Ms. Adrea Zanbrano, General Counsel and Raul Losada, President, respectively on behalf of the companies.
- 3. Private Labeling Agreement document in conformance to Product Control guidelines.

### G. OTHERS

1. Notice of Acceptance No. **24-1101.02**, issued to E.S. Windows, LLC, for their Series "1500" Aluminum Fixed Window – L.M.I., approved on 11/21/24 and expiring on 11/06/25.

Manuel Perez, P.E. Product Control Examiner NOA No. 24-1219.07



ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE VERIFIED BY INSCRIBING PICTURE WINDOW SHAPE WITHIN SQUARE OR RECTANGLE AS SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES.

# SERIES-1500 ALUMINUM FIXED WINDOW

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF FIXED/FIXED OR FIXED WITH OTHER MIAMI-DADE COUNTY APPR'D WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

DESIGN LOAD RATING FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 3.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 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 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)'.

6" MAX. 12" MAX. FALSE MUNTINS FROM ENDS HEAD/SILL (SURFACE APPLIED) (A)MAY BE USED 12" MAX. (C)90" WINDOW HEIGHT 3/8" OPG 86 D.L. (B) 44 3/8' D.L. OPG. 48" WINDOW WIDTH

TYPICAL ELEVATION

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

NOA-No.

D24

FARO

LICENSE

No. 81223 DEC 0 5 2024 **PRODUCT REVISED** As complying with the Florida Building Code 24-1219.07 STAIL STAIL SOME STAIL **Expiration Date: 11/06/2025** By: Manuel Peres Miami-Dade Product Control

-05ģ. scale: Ą. drawing

description

þ

AL-FAROOQ CORPORATIO
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 www.AFCENG.CO

(L.M.I.)

 $\infty$ 

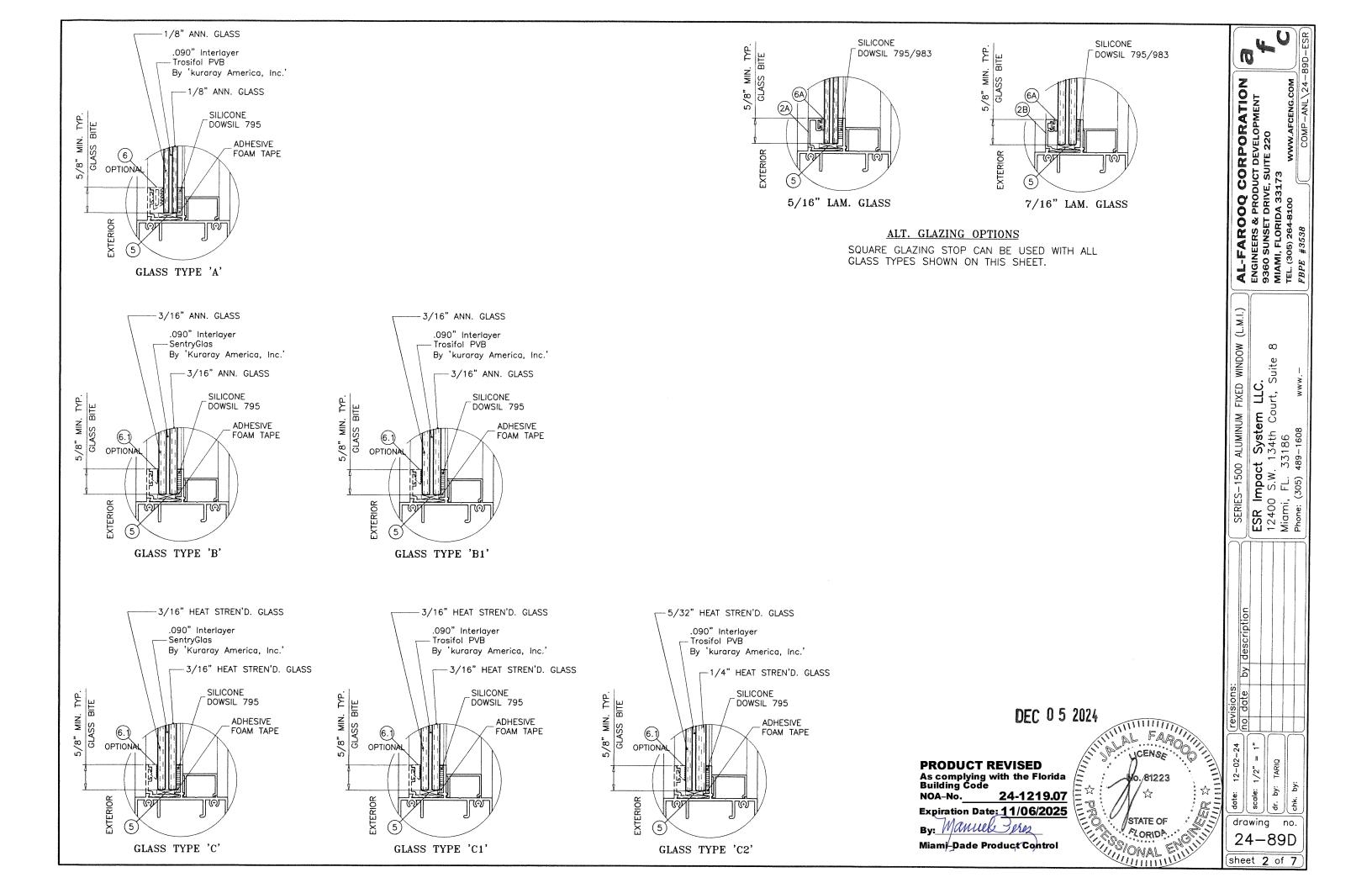
LLC. +. Suite

ict System LLC
7. 134th Court, 33186
489-1608 www

ESR Impact 12400 S.W. 1. Miami, FL. 33

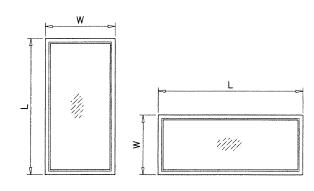
SERIES-1500 ALUMINUM FIXED WINDOW

no. 24-89D sheet 1 of 7



DESIGN LOAD CAPACITY - PSF								
		GLASS TYPE		GLASS TYPES		GLASS TYPES		
WINDOW DIMS.		'A'			: 'B1'		' & 'C2'	
WIDTH	HEIGHT	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	
18"		70.0	70.0	70.0	90.0	70.0	80.0	
24"		70.0	70.0	70.0	90.0	70.0	80.0	
30"		70.0	70.0	70.0	90.0	70.0	80.0	
36"	36"	70.0	70.0	70.0	90.0	70.0	80.0	
42"	50	70.0	70.0	70.0	90.0	70.0	80.0	
48"		70.0	70.0	70.0	90.0	70.0	80.0	
54"		70.0	70.0	70.0	90.0	70.0	80.0	
60"		67.3	67.3	70.0	90.0	70.0	80.0	
18"		70.0	70.0	70.0	90.0	70.0	80.0	
24"		70.0	70.0	70.0	90.0	70.0	80.0	
30"		70.0	70.0	70.0	90.0	70.0	80.0	
36"	11	70.0	70.0	70.0	90.0	70.0	80.0	
42"	48"	60.0	60.0	70.0	90.0	70.0	80.0	
48"		l –	_	70.0	90.0	70.0	80.0	
54"		_	_	70.0	90.0	70.0	80.0	
60"		-	_	70.0	90.0	70.0	80.0	
18"		70.0	70.0	70.0	90.0	70.0	80.0	
24"		70.0	70.0	70.0	90.0	70.0	80.0	
30"		70.0	70.0	70.0	90.0	70.0	80.0	
36"		67.3	67.3	70.0	90.0	70.0	80.0	
42"	60"			70.0	90.0	70.0	80.0	
48"		_		70.0	90.0	70.0	80.0	
54"			_	70.0	30.0	62.2	71.1	
60"			_			56.0	64.0	
18"		70.0	70.0	70.0	90.0	70.0	80.0	
24"		70.0	70.0	70.0	90.0	70.0	80.0	
30"		64.2	64.2	70.0	90.0	70.0	80.0	
36"		04.2	04.2	70.0	90.0	70.0	80.0	
1	72"			70.0	30.0	70.0	80.0	
42"							80.0	
48"						70.0		
54"			_			62.2	71.1	
60"		70.0	70.0	70.0	-	56.0	64.0	
18"		70.0	70.0	70.0	90.0	70.0	80.0	
24"		70.0	70.0	70.0	90.0	70.0 70.0	80.0	
30"	84"		_	70.0	50.0		80.0	
36"					_	70.0	80.0	
42"			_		_	70.0	80.0	
48"		70.0	70.0	70.0	-	70.0	80.0	
18"		70.0	70.0	70.0	90.0	70.0	80.0	
24"		70.0	70.0	70.0	90.0	70.0	80.0	
30"	90"			70.0	90.0	70.0	80.0	
36"			-	_	_	70.0	80.0	
42"			_			70.0	80.0	
48"					-	70.0	80.0	
18"	,	70.0	70.0	70.0	90.0	70.0	80.0	
24"	96"		-	70.0	90.0	70.0	80.0	
30"				70.0	90.0	70.0	80.0	
36"		-	_	_	_	70.0	80.0	
42"			_			70.0	80.0	

DESIGN LOAD CAPACITY - PSF								
WINDO	W DIMS.	GLASS TYPE 'A'		GLASS TYPES 'B' & 'B1'		GLASS TYPES 'C', 'C1' & 'C2'		
WIDTH	HEIGHT	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	
18"	108"	70.0	70.0	70.0	90.0	70.0	80.0	
24"		_	-	70.0	90.0	70.0	80.0	
30"			_	_	_	70.0	80.0	
36"		***	_	_	_	70.0	80.0	
18"	120"	56.2	56.2	70.0	90.0	70.0	80.0	
24"		_		70.0	90.0	70.0	80.0	
30"		_	-	-		70.0	80.0	
36"				-	_	70.0	80.0	



NOTE: WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.

NOTE: GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS).

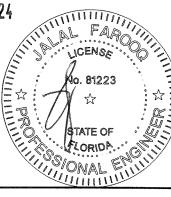
DESIGN LOAD CAPACITY - PSF								
WINDOW DIMS.		GLASS TYPE 'A'		GLASS TYPES 'B' & 'B1'		GLASS TYPES 'C', 'C1' & 'C2'		
WIDTH	HEIGHT	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	
19-1/8"		70.0	70.0	70.0	90.0	70.0	80.0	
26-1/2"		70.0	70.0	70.0	90.0	70.0	80.0	
37"	26"	70.0	70.0	70.0	90.0	70.0	80.0	
48"		70.0	70.0	70.0	90.0	70.0	80.0	
53-1/8"		70.0	70.0	70.0	90.0	70.0	80.0	
19-1/8"		70.0	70.0	70.0	90.0	70.0	80.0	
26-1/2"		70.0	70.0	70.0	90.0	70.0	80.0	
37"	38-3/8"	68.1	68.1	70.0	90.0	70.0	80.0	
48"		65.7	65.7	70.0	90.0	70.0	80.0	
53-1/8"		65.7	65.7	70.0	90.0	70.0	80.0	
19-1/8"		70.0	70.0	70.0	90.0	70.0	80.0	
26-1/2"		70.0	70.0	70.0	90.0	70.0	80.0	
37"	50-5/8"	68.1	68.1	70.0	90.0	70.0	80.0	
48"		_	_	70.0	90.0	70.0	80.0	
53-1/8"			_	66.4	85.3	66.4	75.9	
19-1/8"		70.0	70.0	70.0	90.0	70.0	80.0	
26-1/2"		70.0	70.0	70.0	90.0	70.0	80.0	
37"	58"	68.1	68.1	70.0	90.0	70.0	80.0	
48"			_	70.0	90.0	70.0	80.0	
53-1/8"		-	-		_	63.2	72.3	
19-1/8"		70.0	70.0	70.0	90.0	70.0	80.0	
26-1/2"		70.0	70.0	70.0	90.0	70.0	80.0	
37"	63"	-		70.0	90.0	70.0	80.0	
48"		_			-	70.0	80.0	
53-1/8"		-	_	_	_	63.2	72.3	
19-1/8"		70.0	70.0	70.0	90.0	70.0	80.0	
26-1/2"		70.0	70.0	70.0	90.0	70.0	80.0	
37"	74-1/4"	***	_	70.0	90.0	70.0	80.0	
48"		-	-	_	_	70.0	80.0	
53-1/8"			_	-	_	63.2	72.3	

DEC 0 5 2024

PRODUCT REVISED
As complying with the Florida
Building Code
NOA-No. 24-1219.07

Expiration Date: 11/06/2025

By: Manuel Product Control

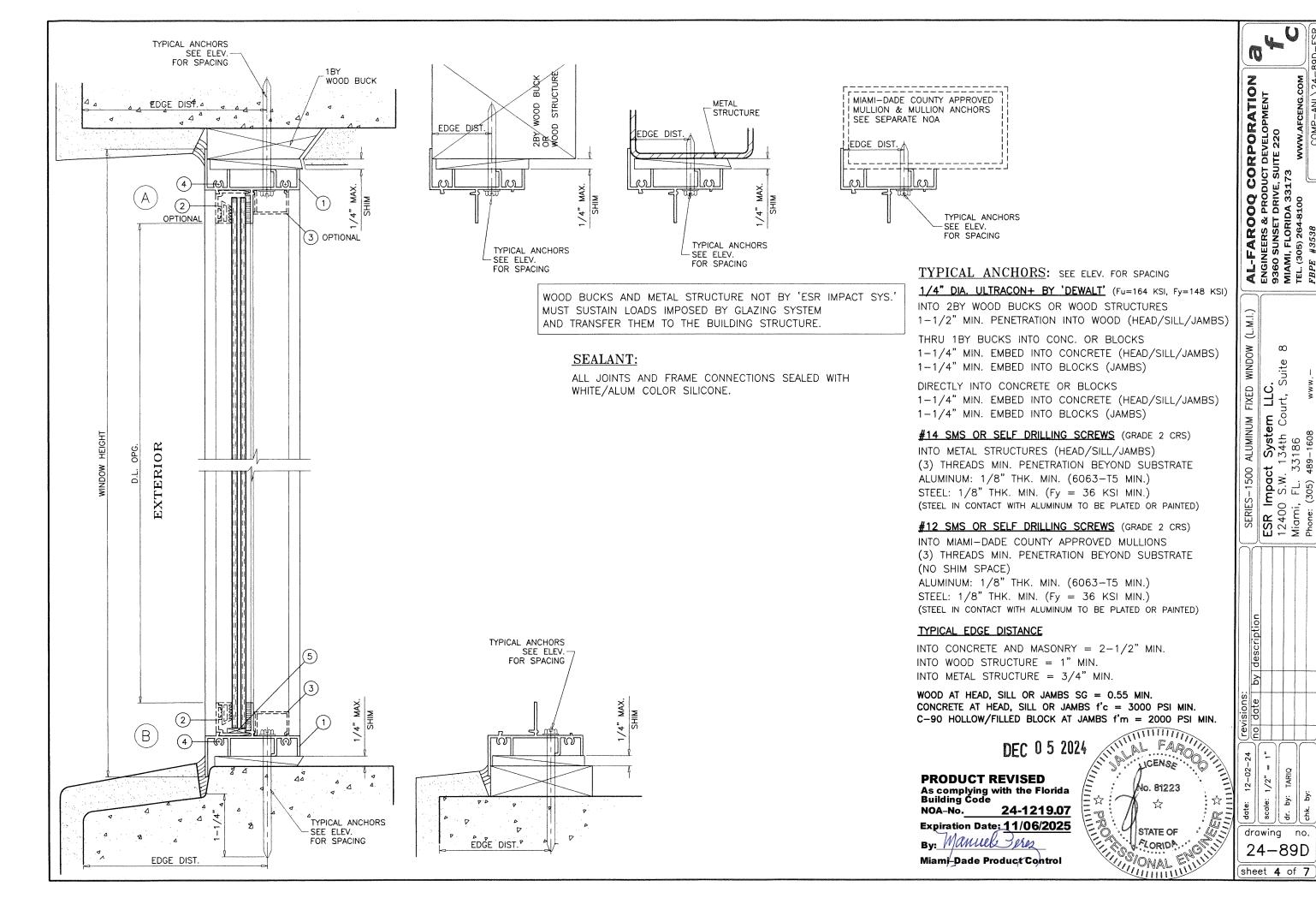


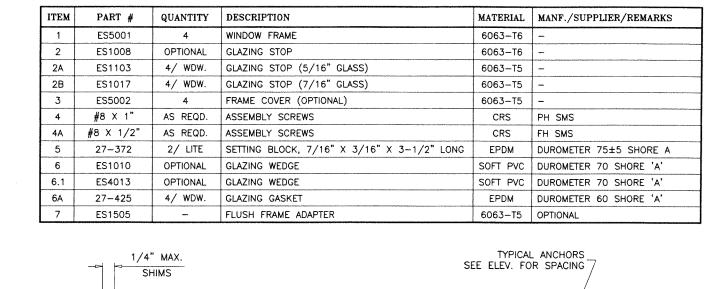
SERIES-1500 ALUMINUM FIXED WINDOW (L.M.I.)

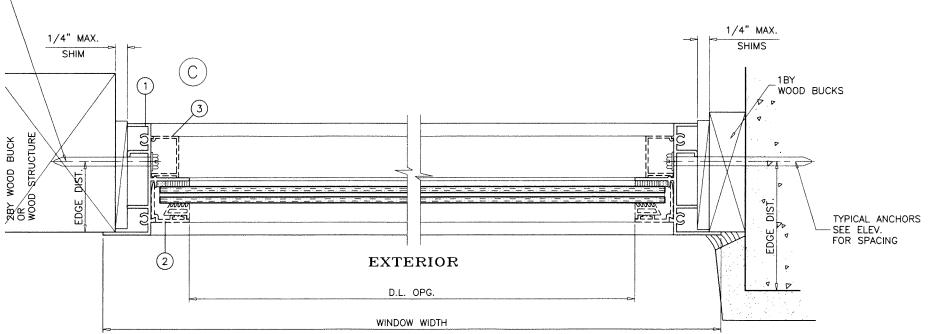
ESR Impact System LLC. 12400 S.W. 134th Court, Suite Miami, FL. 33186 Phone: (305) 489–1608 www.–

drawing no. 24-89D

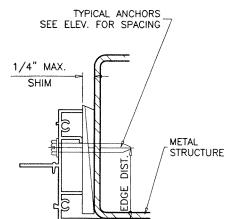
sheet 3 of 7

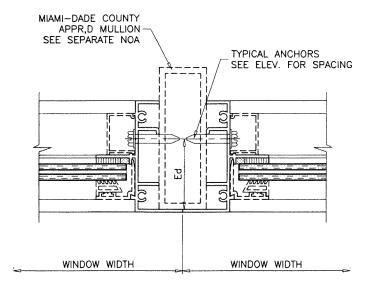






TYPICAL ANCHORS SEE ELEV. FOR SPACING





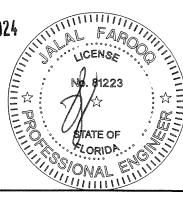
DEC 0 5 2024

**PRODUCT REVISED** As complying with the Florida Building Code 24-1219.07 NOA-No.

Expiration Date: 11/06/2025

By: Manuel Pres

Miami-Dade Product Control



		by description					
	revisions:	no date					
	date: 12-02-24		scale: 1/2" = 1"		dr. by: TARIQ		cnk. by:
		ra 24	wir 1-		39	no P C	
	sh	ee	et	5	of	-	7

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

WWW.AFCENG.COM

(L.M.I.)

 $\infty$ 

: Impact System LLC.
00 S.W. 134th Court, Suite 8
mi, FL. 33186
e: (305) 489-1608 www.-

ESR Irr 12400 Miami, Phone: (3

SERIES-1500 ALUMINUM FIXED WINDOW

