

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

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

**MIAMI-DADE COUNTY** 

# **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 "2000/2050" Aluminum Horizontal Sliding Window - L.M.I.

**APPROVAL DOCUMENT:** Drawing No. **24-90D**, titled "Series-2000/2050 Alum. Horiz. Sliding Wdw. (L.M.I.)", sheets 1, 1.1, 2 and 3 through 9 of 9, 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. 24-1101.01 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.



2/6/25

NOA No. 24-1219.06 Expiration Date: November 06, 2029 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. 03-0910.02)
- 2. Drawing No. W03-75, titled "Series-2000/2500 Alum. Horiz. Sliding Wdw. (L.M.I.)", sheets 1, 1.1, 2 and 3 through 9 of 9, dated 08/27/03, with revision **K** dated 07/07/23, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E. (Submitted under NOA No. 23-0901.06)

### 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 series ES-2000 XOX horizontal sliding window, prepared by IFET, Inc., Test Report No. **IFET-LAF-05**, dated 10/31/24, signed and sealed by Arshad Viqar, P.E.
- 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
  - 6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94 along with marked-up drawings and installation diagram of a horizontal sliding window, prepared by Fenestration Testing Laboratory, Inc., Test Report No.

FTL-5811, dated 02/16/09, signed and sealed by Michael R. Wenzel, P.E. (Submitted under NOA No. 09-1008.06)

3. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94

(Submitted in NOA's No. 08-0527.13 and 07-0928.13

- 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
- 6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94

along with marked-up drawings and installation diagram of a horizontal sliding window, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **ETI -5338** and **ETI -5475**, dated 01/17/08 and 12/20/07 respectively, signed an

FTL-5338 and FTL-5475, dated 01/17/08 and 12/20/07 respectively, signed and sealed by Carlos S. Rionda, P.E.

Manuel Perez, P.E. Product Control Examiner NOA No. 24-1219.06

### **ESR Impact System LLC**

## NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- 1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA'S (CONTINUED)
- B. TESTS (CONTINUED)
  - 4. 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
    - 6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94

along with marked-up drawings and installation diagram of a horizontal sliding window, prepared by Fenestration Testing Laboratory, Inc., Test Reports No.

**FTL-3809** and **FTL-3804**, dated 06/16/03 and 05/15/03 respectively, signed and sealed by Joseph C. Chang, P.E.

(Submitted under NOA No. 03-0910.02)

#### C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC 8<sup>th</sup> Edition (2023), dated 10/23/24, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

(Submitted under NOA No. 24-1101.01)

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.

Manuel Perez, P.E. Product Control Examiner NOA No. 24-1219.06

### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

## 1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA'S (CONTINUED)

#### F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 8<sup>th</sup> Edition (2023)**, and of no financial interest, dated October 31, 2024, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

(Submitted under NOA No. 24-1101.01)

2. Proposal No. **24-0633** issued by Product Control, dated 06/14/24, signed by Manuel Perez, P.E.

(Submitted under NOA No. 24-1101.01)

3. 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 08/29/23, signed and sealed by Jalal Farooq, P.E.

(Submitted under NOA No. 23-0901.06)

4. 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. 23-0901.06)

**5.** Distributor Agreement, dated 10/20/10, signed by Carla Garcia Torrente and by Andres Chamorro.

(Submitted under NOA No. 12-0223.46)

- 6. Laboratory compliance letter for Test Report No. **FTL-5811**, issued by Fenestration Testing Laboratory, Inc., dated 08/13/09, signed and sealed by Michael R. Wenzel, P.E. (Submitted under NOA No. 09-1008.06)
- 7. Proposal No. **09-1583** issued by Product Control, dated 11/23/09, signed by Jaime D. Gascon, P. E.

(Submitted under NOA No. 09-1008.06)

8. Laboratory compliance letter for Test Reports No. FTL-5338 and FTL-5475, issued by Fenestration Testing Laboratory, Inc., dated 01/17/08 and 12/20/07, signed and sealed by Carlos S. Rionda, P.E.

(Submitted under NOA's No. 08-0527.13 and 07-0928.13)

9. Laboratory compliance letter for Test Reports No.'s FTL-3809 and FTL-3804, issued by Fenestration Testing Laboratory, Inc., dated 06/16/03 and 05/15/03, revised & reissued by Fenestration Testing Laboratory dated 08/10/06, all signed and sealed by Joseph C. Chan, P.E.

(Submitted under NOA No. 03-0910.02)

#### G. OTHERS

1. Notice of Acceptance No. 23-0901.06, issued to E.S. Windows, LLC, for their Series "2000/2050" Aluminum Horizontal Sliding Window—L.M.I., approved on 10/19/23 and expiring on 11/06/24.

Manuel Perez, P.E. Product Control Examiner NOA No. 24-1219.06

## **ESR Impact System LLC**

## NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

### 2. NEW EVIDENCE SUBMITTED

#### A. DRAWINGS

1. Drawing No. **24-90D**, titled "Series-2000/2500 Alum. Horiz. Sliding Wdw. (L.M.I.)", sheets 1, 1.1, 2 and 3 through 9 of 9, 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. **24-1101.01**, issued to E.S. Windows, LLC, for their Series "2000/2050" Aluminum Horizontal Sliding Window – L.M.I., approved on 11/21/24 and expiring on 11/06/29.

Manuel Perez, P.E. Product Control Examiner NOA No. 24-1219.06/

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

# SERIES-2000/2050 ALUM HORIZ. 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.R./H.R. OR H.R. 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 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.

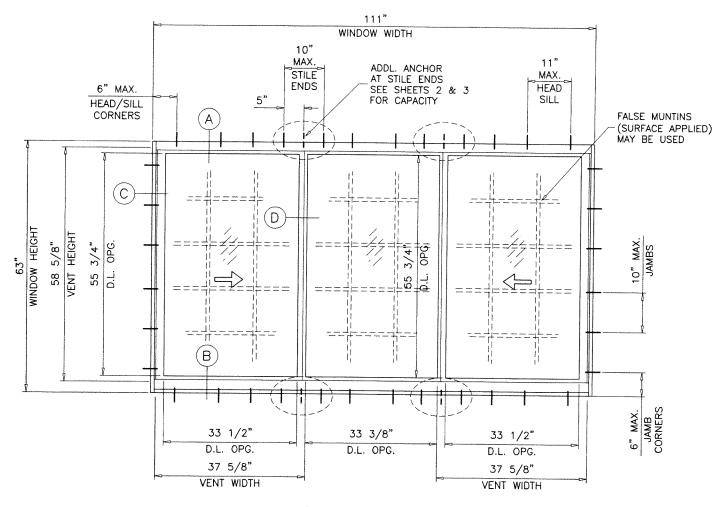
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

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)'.



TYPICAL ELEVATION

NOA-No.



by description 12-02-24 1/2"=1'-0" TARIQ ģ. Ą. drawing no. 24-90D

sheet 1 of 9

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

(L.M.I.)

WDW.

SERIES-2000/2050 ALUM HORIZ. SLIDING

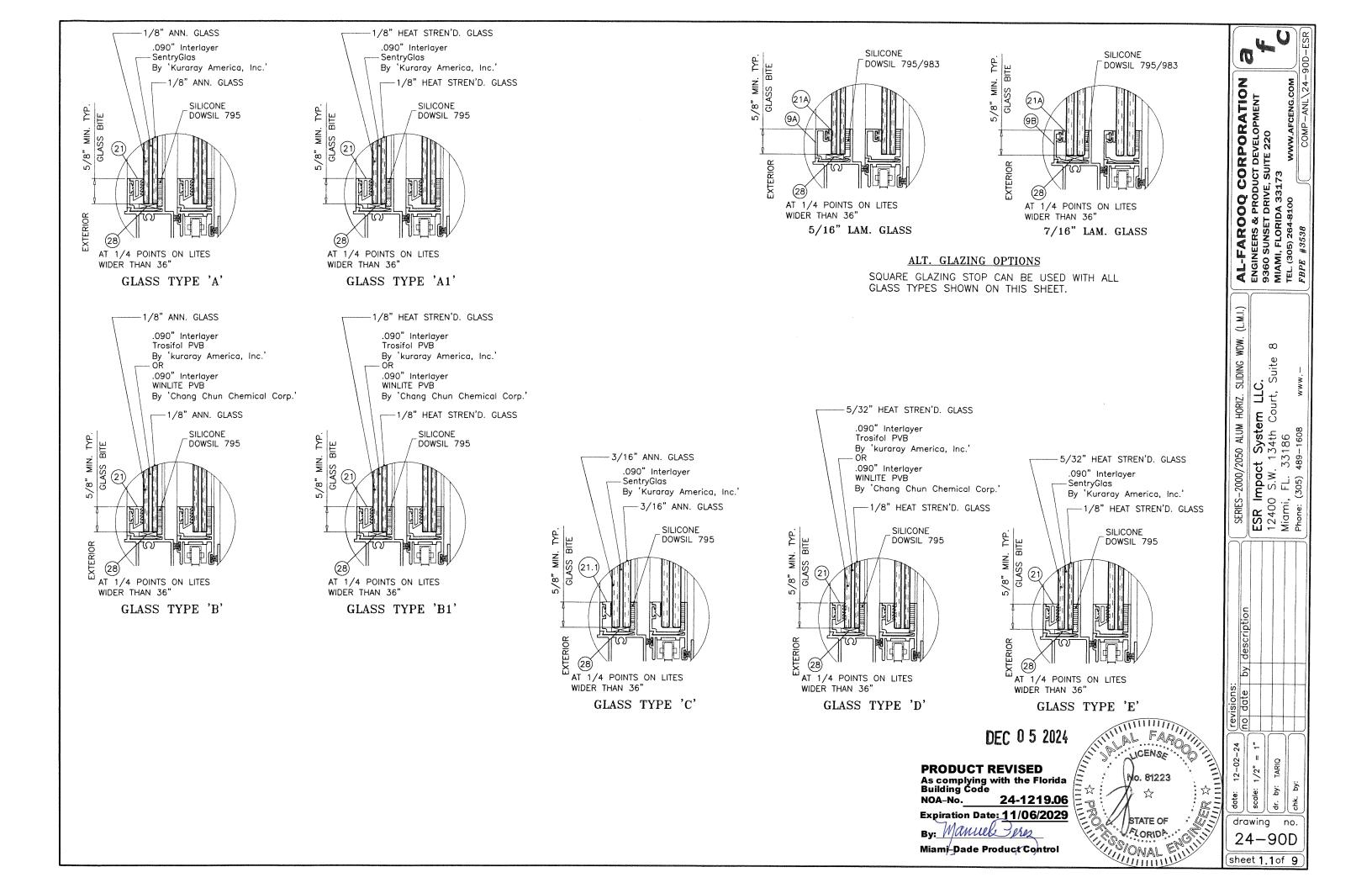
 $\infty$ 

Suite

Court,

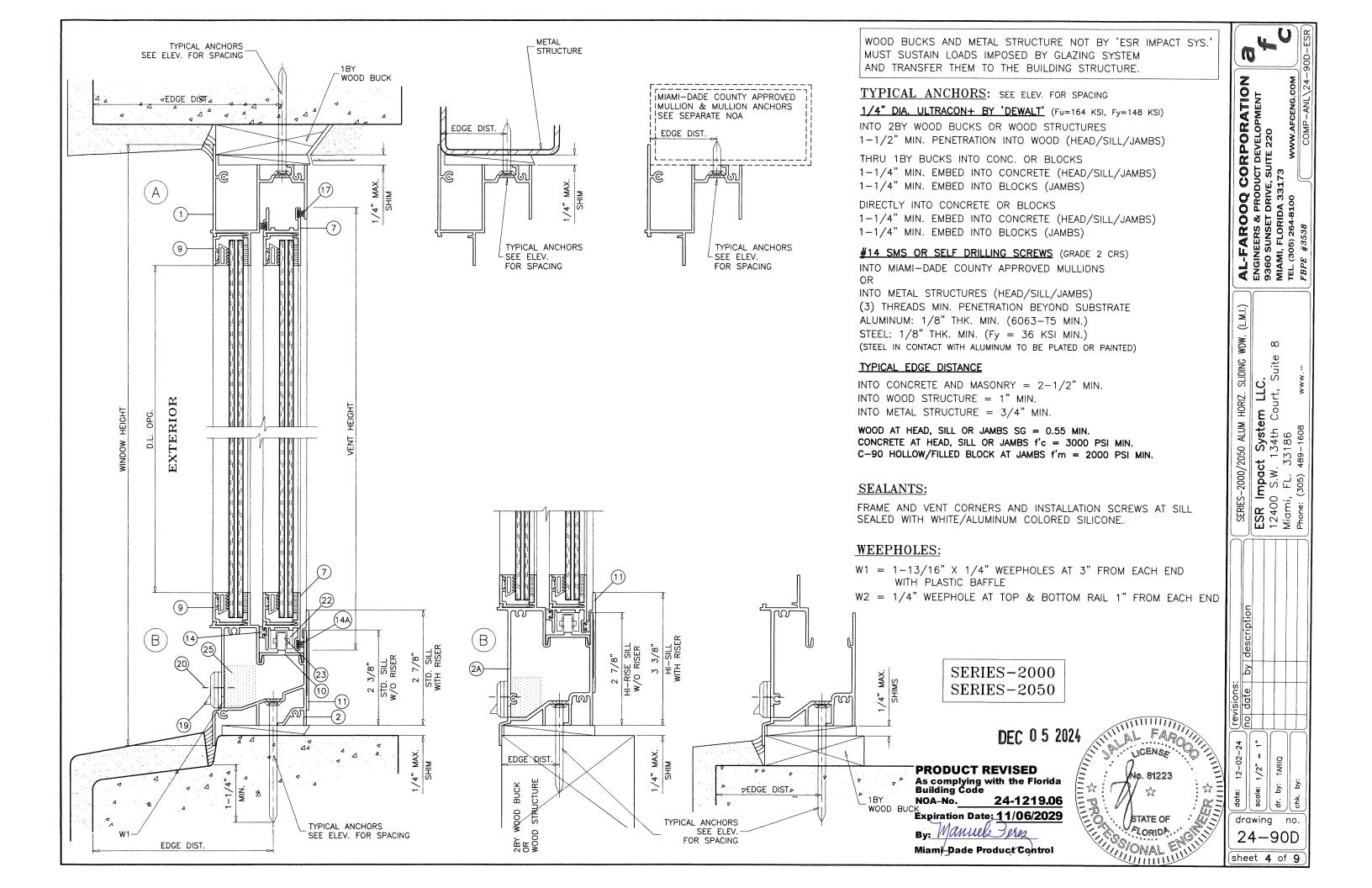
ESR Impact System | 12400 S.W. 134th Cour Miami, FL. 33186 Phone: (305) 489-1608

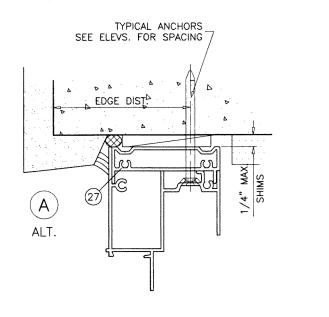
WWW.AFC

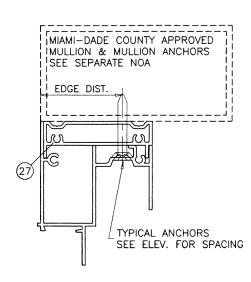


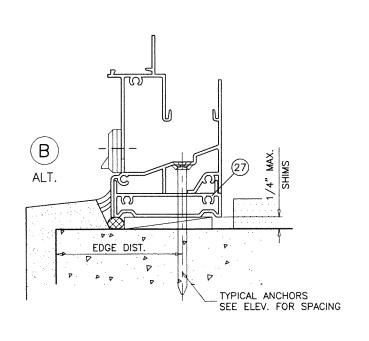
DES	IGN LO	AD C	APACITY	- PSF	' (XO O)	R OX SI	IZES) SI	ERIES 2	000/20	50				LU
						rd. ancho			T =		ADDL. AND		** SEE DETAILS BELOW FOR EXT(+) LOAD LIMITATIONS	0
			STD SEE	D. MTG. R DETAILS E	AIL (FRAM BELOW FOR	IE SILL *1 EXT(+) LOA	., 2, 3 & AD LIMITATIO	4) NS	H.D. MTC (SILL *3	G. RAIL & 4)**	H.D. MTG. 1 (SILL *3 &	RAIL 4)**	SEE DETAILS BELOW FOR EXT(+) LOAD LIMITATIONS	2 ε
WINDOW	DIMS.		GLASS T		GLASS TY GLASS TY GLASS T	YPE 'B1'	GLASS T	TYPE 'D'	GLASS T GLASS T GLASS T GLASS T	YPE 'B1' YPE 'D'	GLASS TYPE GLASS TYPE GLASS TYPE GLASS TYPE	E 'B1' E 'D'		ORATION ELOPMENT 220 W.AFCENG.COM
WIDTH	HEIGHT	A	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+) I	NT.(-)		POF EVELCE E 220
26-1/2"	#	3	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0				<b>Θ</b> το ε
37" 53-1/8"	26" (3)	6	70.0 70.0	80.0	70.0 70.0	90.0	70.0 70.0	80.0	80.0	90.0		-		<b>CO</b> DDUCI VE, SU
74"	` '	8	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0	_	-	□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	PRO 09 4 3 3 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
26-1/2"		3	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0	****	-		& P & P ET D
	38-3/8"	4	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0	-	-	STD. MTG. RAILS STD. MTG. RAILS	AL-FARO ENGINEERS & 9360 SUNSET MIAMI, FLORII
53-1/8"	(3)	6 8	70.0	80.0	70.0	90.0	70.0	80.0 80.0	80.0	90.0			S-2000 S-2050	NEE NEE
74" 26-1/2"		3	70.0 70.0	80.0	70.0 70.0	90.0	70.0 70.0	80.0	80.0	90.0				NGI 36C 31AN
	50-5/8"	4	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0	-	_		Z W O Z F
53-1/8"	(4)	6	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0	***	****		
74"		8	_	_	70.0	90.0	70.0	80.0	80.0	90.0				(L.M.I.)
26-1/2" 37"	63"	3	70.0 58.9	80.0 67.3	70.0 70.0	90.0	70.0 70.0	80.0 80.0	80.0	90.0		_	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
53-1/8"	(5)	6	42.6	48.7	70.0	86.6	70.0	80.0	80.0	90.0		_		WDW.
74"		8	-	_		_	<del>-</del>	_	75.3	75.3	80.0	90.0		SLIDING .C. Suite
24"		3	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0	-	_		
36"	24"	4	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0				HORIZ.
48" 60"	(2)	6	70.0 70.0	80.0	70.0 70.0	90.0	70.0 70.0	80.0	80.0 80.0	90.0	_	_		<b>e</b> ∃ ∃ ∃ ⊖ ⊖ ⊖ ⊖ ⊖ ⊖ ⊖ ⊖ ⊖ ⊖ ⊖ ⊖ ⊖ ⊖ ⊖ ⊖
72"		8	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0	_	_		Syst Syst 34th
24"		3	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0		_	(B) ₹ ₹ (B.) ₹ ₹	
36"	36"	4	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0	-	***		
48"	(3)	6	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0	-		ALTERNATE ALTERNATE	lmpac   S.W.
60"		8	70.0 70.0	80.0	70.0 70.0	90.0	70.0 70.0	80.0	80.0	90.0			TO 6A & 6A.1	SERIES- ESR Ir 12400 Miami,
72" 24"		3	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0	_	_		S: R 124
36"		4	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0	_		H.D. MTG. RAILS H.D. MTG. RAILS	
48"	48" (4)	6	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0	_	_	S-2000 S-2050	
60"	(.)	6	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0	_			
72" 24"		8	70.0 70.0	80.0	70.0 70.0	90.0	70.0 70.0	80.0 80.0	80.0	90.0	-			
36"		4	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0	_			
48"	60" (5)	6	54.2	61.9	70.0	90.0	70.0	80.0	80.0	90.0	_	_		ptio
60"	(5)	6	45.1	51.5	70.0	87.3	70.0	80.0	80.0	90.0	-			scription
72"		8		_	70.0	78.7	70.0	78.7	80.0	82.7	80.0	90.0	NOTE: GLASS CAPACITIES ON THIS SHEET ARE	e p
			OF ANCHOR			_L							BASED ON ASTM E1300-09 (3 SEC. GUSTS)	ρχ
		- 110.	31 71101101	(3 1 L)( 0/				П	ا			, d	↑ AND FLORIDA BUILDING COMMISSION	ie Disc
	ال			В			1		س	Π		_ الم	DECLARATORY STATEMENT DCA05-DEC-219	dat
بہالان		η-	4	行		þ							MEO O E 2024 (111111111111111111111111111111111111	9 0 9
			TANK TO THE PARTY OF THE PARTY		0				W	Y			DEC 0 5 2024	4.
	Ш	베			Ш		7/8				7/8″			52-2
			2 3/				2				2		PRODUCT REVISED As complying with the Florida	12-( 1/2" TAR
*1			- 1	*2				*3	\$ /=			*4  \$	As complying with the Florida Building Code 会 : ☆ : ☆ : ☆	by:
Le .	_    _	\ <u>\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\</u>	V	kg			V				<u> </u>		NOA-No. 24-1219.06	de so de la constant
					J				-				Expiration Date: 11/06/2029 STATE OF	drawing no
U STD SII	L WITHOUT	RISER		STD 1	SILL WITH F	RISER		u ⊬1—∺	RISE SILL WI	THOUT RIS	ER	HI-RISE S	LL WITH RISER  Miami Dade Product Control	24-90
	T.(+) LOA		3.3 PSF		EXT.(+) LO		.0 PSF		EXT.(+) LO				+) LOADS TO 80.0 PSF  Miami-Dade Product Control	sheet 2 of

The state of the s	DESIG	N LO	DAD CA	PACITY	- PSF	F (XOX	SIZES)	SERIE	S 2000,	/2050	**************************************		CHAMPION CONTROL OF THE PROPERTY OF THE PROPER	П	ESIGN I	LOAD	CAPACI'	ΓY – 1	PSF (XO	X SIZE	S) SEF	RIES 20	00/205	50		U
		STD. MTG. RAIL (FRAME SILL *1, 2, 3 & 4)  H.D. MTG. RAIL H.D. MTG. RAIL FOL									** SEE DETAILS BELOW			·		STD. AN	CHOR SPA	ACING						<b>7</b>		
											H.D. MTG (SILL *3	RAIL **	FOR EXT(+) LOAD LIMITATI	SNC					AIL (FRAME SILL *1, 2, 3 & 4) ELOW FOR EXT(+) LOAD LIMITATIONS			H.D. MT (SILL *	G. RAIL 3 & 4)**	Z	<b>S</b>	
									GLASS T		GLASS TY												<del>                                     </del>	YPE 'A1'	∭ō¸	ENG.COM
			GLASS '	TYPE 'A'	GLASS T				GLASS T		GLASS TY GLASS T						GLASS T	ΥΡ <b>Γ '</b> Λ'	GLASS TY				GLASS T	YPE 'B1' TYPE 'D'	ME T	CENC
WINDO	V DIMS.	A	ı	TYPE 'B'	GLASS T		GLASS 7	TYPE 'D'	GLASS T	YPE 'E'	GLASS T			WINDO	OW DIMS.	A	GLASS T		GLASS T		GLASS 7	TYPE 'D'		LALE ,E,	K 0	TE 220 WWW.AFCE
WIDTH	HEIGHT		EXT.(+)	4	EXT.(+)	+	EXT.(+)		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)		WIDTH	HEIGHT		EXT.(+)		EXT.(+)	INT.(-)	EXT.(+)		EXT.(+)	INT.(-)	PO	₩ % %
74" 106-1/4"	26"	9	70.0 70.0	80.0	70.0	90.0	70.0	80.0	80.0 80.0	90.0		****		74" 106-1/4	26" " (3)	11	70.0 70.0	80.0 80.0	70.0 70.0	90.0	70.0 70.0	80.0	80.0 80.0	90.0	<b>6</b> 5	IVE, SUITE
111"	(3)	12		-		-	-	_	80.0	90.0	_	_		111"		12	-	_	-	-	-	-	80.0	90.0	Ŭ Ď	∕E, S 317
74"	38-3/8"	9	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0	_			74"	38-3/8"	8	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0		E 6 8
106-1/4"	(3)	12	70.0	80.0	70.0	90.0	70.0	80.0	80.0 80.0	90.0				106-1/4	" (3)	11	_		70.0	90.0	70.0	80.0	80.0	90.0	Š Š	SET I
74"		9	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0				<del></del>	50-5/8"	12	_		-	_		_	80.0	90.0	AR	UNS FLO 5) 26
106-1/4"	50-5/8" (4)	12	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0	_	_		74"	(4)	8	_	_	70.0	90.0	70.0	80.0	80.0	90.0	I N	30 S (MI, (30)
111"	(4)	12		_					80.0	90.0	-	_		74"	63"	8			6460		-	_	80.0	90.0	EN	9360 SUNSET D MIAMI, FLORIDA TEL. (305) 264-81 FBPE #3538
74"	63"	9 12	45.4	51.9	70.0	90.0	70.0	80.0	80.0 77.1	90.0 77.1	- 80.0	90.0		72"	(5)	8	70.0	80.0	70.0	90.0	70.0	80.0	80.0			
111"	(5)	12	_	-	_	_		_	75.3	75.3	80.0	90.0		84"	24"	8	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0	M.I.)	
72"		9	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0				96"	(2)	9	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0		
84"	24" (2)	9	70.0 70.0	80.0	70.0	90.0	70.0	80.0	80.0 80.0	90.0	_			108"	-	11	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0	WDW.	ω
96"	(2)	9	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0	_			72" 84"	36"	8	70.0 70.0	80.0	70.0 70.0	90.0	70.0 70.0	80.0	80.0 80.0	90.0		Suite w
72"		9	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0	_	_		96"	(3)	9	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0	SLIDING C.	K, Si
84"	36"	9	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0	_	_		108"		11	_	***	70.0	90.0	70.0	80.0	80.0	90.0	HORIZ.	1 7
96" 108"	(3)	9	70.0	80.0	70.0	90.0	70.0	80.0	80.0 80.0	90.0		****		72" 84"	48"	8 8	70.0	80.0	70.0 70.0	90.0	70.0 70.0	80.0 80.0	80.0 80.0	90.0	일 등	ပိ
72"		9	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0	_			96"	(4)	9	_	***	-	- 30.0	-	-	80.0	90.0	ALUM yste	34th Coi 186 1-1608
84"	48"	9	70.0	80.0	70.0	90.0	70.0	80.0	80.0	90.0				72"	60" (5)	8	_	_	70.0	90.0	70.0	80.0	80.0	90.0		
96"	(4)	9	70.0	80.0	70.0	90.0	70.0	80.0	80.0 80.0	90.0	_			A = N	O. OF ANO	CHORS	PER HEAD	& SILL					71		00/2 act	. × ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;
72"		12 9	70.0 54.2	80.0 61.9	70.0	90.0	70.0	80.0	80.0	90.0	_			() = N	IO. OF AND	CHORS	PER JAME		(1/	′4W)	(1/2	w)	(1/4W)		- 20 m	S (305)
84"	60"	9	47.6	54.4	70.0	90.0	70.0	80.0	80.0	90.0	-					η				2	1/2	,	1.	<b>'</b>	RES C	40C 1mi,
96"	(5)	9			70.0	83.9	70.0	80.0	80.0	88.2	80.0	90.0	6)		6.1		<u>_</u> 2			♣>	4				ES S	12400 S.W. 1 Miami, FL. 33 Phone: (305) 489
108"		12			70.0	78.7	70.0	78.7	80.0	82.7	80.0	90.0	€			4	₹	==						000000000000000000000000000000000000000		
	O. OF AND				-									5 4	6)	ظی		(5.1)								
								(1/3W	')	(1/3W)	(1/	′3W)				<u></u>	ط <u>لــــــ</u>	OF	PERATING	VENTS TO	O BE 1/	4 OF TH	E WINDOV	v width		
													ST	0. MTG. RAILS S-2000		STD. MT	G. RAILS 2050									
														2000		0 2	.000								tion	
												-		, —											crip	
							65504			4 /7 05						70			NOTE:		<b></b>	T. 110 01		_	qes	
							OPERAI	ING VEN	TS TO BE	1/3 OF	IHE WIN	DOM MID	IH (6A)-		(6A.1)		8		GLASS (BASED (						λą	
	]				Π			N-MACAGEMENT AND ADMINISTRATION OF THE ADMIN								7	3		AND FLO	ORIDA B	UILDING	COMMI	SSION	Í	e us:	
						0	<b>T</b>	<u> </u>	$\Box$	N	4	الجها				47	_ريار		DECLARA	ATORY S	STATEME	NT DCA	D5-DEC	-219	isio	
<u> </u>	늬	Π	7	بالما														<b>5.1</b>		NEA 0 5	: 202 <i>L</i>	11111	11111111	· ·	no	
							The state of the s		M	Ŋ . ا			(%)		( <del></del>		<u> </u>		L	EC 05	)	III AL	FAR	2011	1	
	Ш	, p			U	W 18/2				7/8,			3 3/8	<del></del>		<b>ν</b> [	╣ .	DODII	CT REV	ICER		J. J.	icense .		-02-	RIO
	_	3,3/			_	,	1			2			(B)-	<u> </u>	(6B.)	B	হি <u> </u>	s compl	VI KEV ying with Code	the Flori	ida 🖹 ,	: AM	o. 81223		12-	x
*1				*2			:	<b>∗</b> 3 β		الد	*4	3			\	400		uilding ( <u>O</u> A–No.	code <b>2</b> 4	I-1219.	.06		$\stackrel{\wedge}{\sim}$		late:	r. by ηκ. b
I La		ภ]	V			ഗ്വ്	V			<u> </u>					ALTERNATE TO 6A & 6	A.1	E	xpiration	n Date: 11	1/06/20	\- \		TATE OF		drawin	la no.
														5	)	4		-	nuel 3,				CORIDA			-90D
STD. SILL LIMIT EXT.(					WITH RISE (+) LOADS				ILL WITHOU (+) LOADS				WITH RISER LOADS TO 80.0 PSF	D. MTG. RAILS	]	H.D. MT	G. RAILS M	iamj-Da	de Produc	ct Contro	ol (	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	WALE			3 of 9
FUALL EVIT	. / LUMUS	, 0 00.	J 1 J1	CHAIL FVI	(I) LOADS	, , , , , , , , ,	,		.,			LAIN(T	, 20,000,000,000,000	S-2000		S-2	2050	***************************************				~!!	11111111		SHEET .	<u>ی ۱۰۱ کا</u>









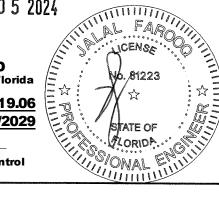
<u> </u>		T			
ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	ES1003	1	FRAME HEAD	6063-T6	_
2	ES2001	1	STD. FRAME SILL	6063-T6	_
2A	ES2012	1	HI-RISE FRAME SILL	6063-T6	_
3	ES2003	1	FRAME JAMB	6063-T6	_
5	ES1005	1/ VENT	FIXED RAIL (S-2000)	6063-T6	_
5.1	ES1051	1/ VENT	FIXED RAIL (S-2050)	6063-T6	
6	ES1004	1/ VENT	STD. VENT MEETING RAIL (S-2000)	6063-T6	
6A	ES2004	1/ VENT	H.D. VENT MEETING RAIL (S-2000)	6063-T6	-
6.1	ES1052	1/ VENT	STD. VENT MEETING RAIL (S-2050)	6063-T6	-
6A.1	ES1053	1/ VENT	H.D. VENT MEETING RAIL (S-2050)	6063-T6	_
6B	ES-2004A	1/ VENT	H.D. VENT MEETING RAIL (S-2050)	6063-T6	ALTERNATE TO 6A
6B.1	ES-1053A	1/ VENT	H.D. VENT MEETING RAIL (S-2050)	6063-T6	ALTERNATE TO 6A.1
7	ES1007	2/ VENT	TOP AND BOTTOM RAIL	6063-T6	_
8	ES1006	1/ VENT	JAMB STILE	6063-T6	-
9	ES1008	AS REQD.	GLAZING BEAD	6063-T5	_
9A	ES1103	AS REQD.	SQUARE GLAZING BEAD (5/16" GLASS)	6063-T5	_
9B	ES1017	AS REQD.	SQUARE GLAZING BEAD (7/16" GLASS)	6063-T5	_
10	ES2002	1	SILL TRACK INSERT	6063-T6	
11	ES2011	AS REQD.	STD. SILL RISER	6063-T6	-
12	ES1009	2/ VENT	SPRING LOADED VENT LATCH	6063-T6	AT 8" FROM ENDS
12A	SL203	2/ VENT	SWEEP LATCH	ZAMAK	AT 11" FROM ENDS, BY INTERLOCK
12B	#8 X 1"	2/ LATCH	LATCH INSTALLATION SCREWS	GRADE 2 CRS	FH SMS
13	ES1012	1/ LATCH	VENT LATCH SPRING	ST. STEEL	_
14	C1B251N	AS REQD.	FOAM FILLED FABRIC W'STRIPPING	_	SCHLEGEL
15	#8 X 1"	AS REQD.	FRAME/VENT ASSEMBLY SCREWS	CRS	P.H. SMS
16	#8 × 3"	2/ VENT	FIX. RAIL SILL SCREWS (STD. SILL END)	CRS	P.H. SMS
16A	#10 X 4"	2/ VENT	FIX. RAIL SILL SCREWS (HI-RISE SILL END)	CRS	P.H. SMS
17	W23211NG	AS REQD.	VENT & FIX. RAIL W'STRIPPING	_	ULTRAFAB
18	W23291NG	AS REQD.	FRAME JAMB W'STRIPPING	_	ULTRAFAB
19	WPHL-100	2	BAFFLE, AT 3" FROM EACH END		M & M PLASTICS
20	#6 X 1/2"	2/ BAFFLE	BAFFLE SCREW	-	F.H. SMS
21	ES1010	AS REQD.	GLAZING WEDGE	SOFT PVC	DUROMETER 70 SHORE 'A'
21.1	ES4013	AS REQD.	GLAZING WEDGE	SOFT PVC	DUROMETER 70 SHORE 'A'
21A	27-425	AS REQD.	GLAZING GASKET	EPDM	DUROMETER 60 SHORE 'A'
22	ES2007	4/ VENT	ROLLER HOUSING & GUIDE	PLASTIC	-
23	TAR-14029P-HK-A	2/ VENT	ROLLER	_	PABOSE
24	ES2005	2/ VENT	ROLLER PIN	ST. STEEL	
25		1/ WEEP	OPEN CELL FOAM PAD		1" X 3/4" X 1" LONG
26	_	1/ VENT	5/16" BOX SCREEN		OPTIONAL
27	ES1505		FLUSH FRAME ADAPTER	6063-T5	OPTIONAL
28	27-372	2/ LITE	SETTING BLOCK, 7/16" X 3/16" X 3-1/2" LONG	EPDM	DUROMETER 75±5 SHORE A

DEC 0 5 2024

PRODUCT REVISED
As complying with the Florida
Building Code 24-1219.06 NOA-No.

Expiration Date: 11/06/2029

Miami Dade Product Control



SERIES-2000/2050 ALUM HORIZ. SLIDING WDW. ESR Impact System LLC. 12400 S.W. 134th Court, S Miami, FL. 33186 Phone: (305) 489–1608 www revisions: no date by description scale: 1/2"

(L.M.I.)

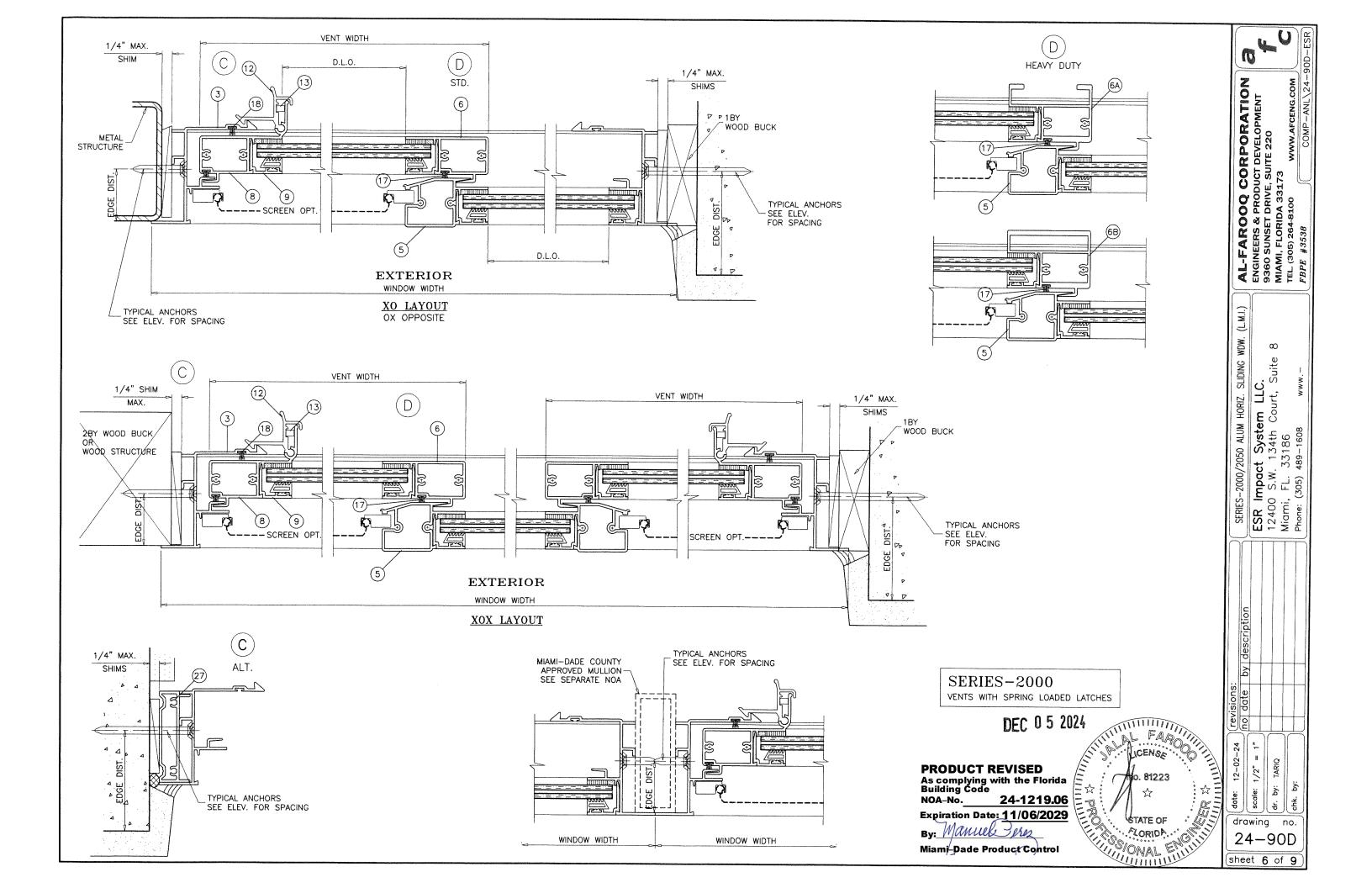
LLC. + Suite

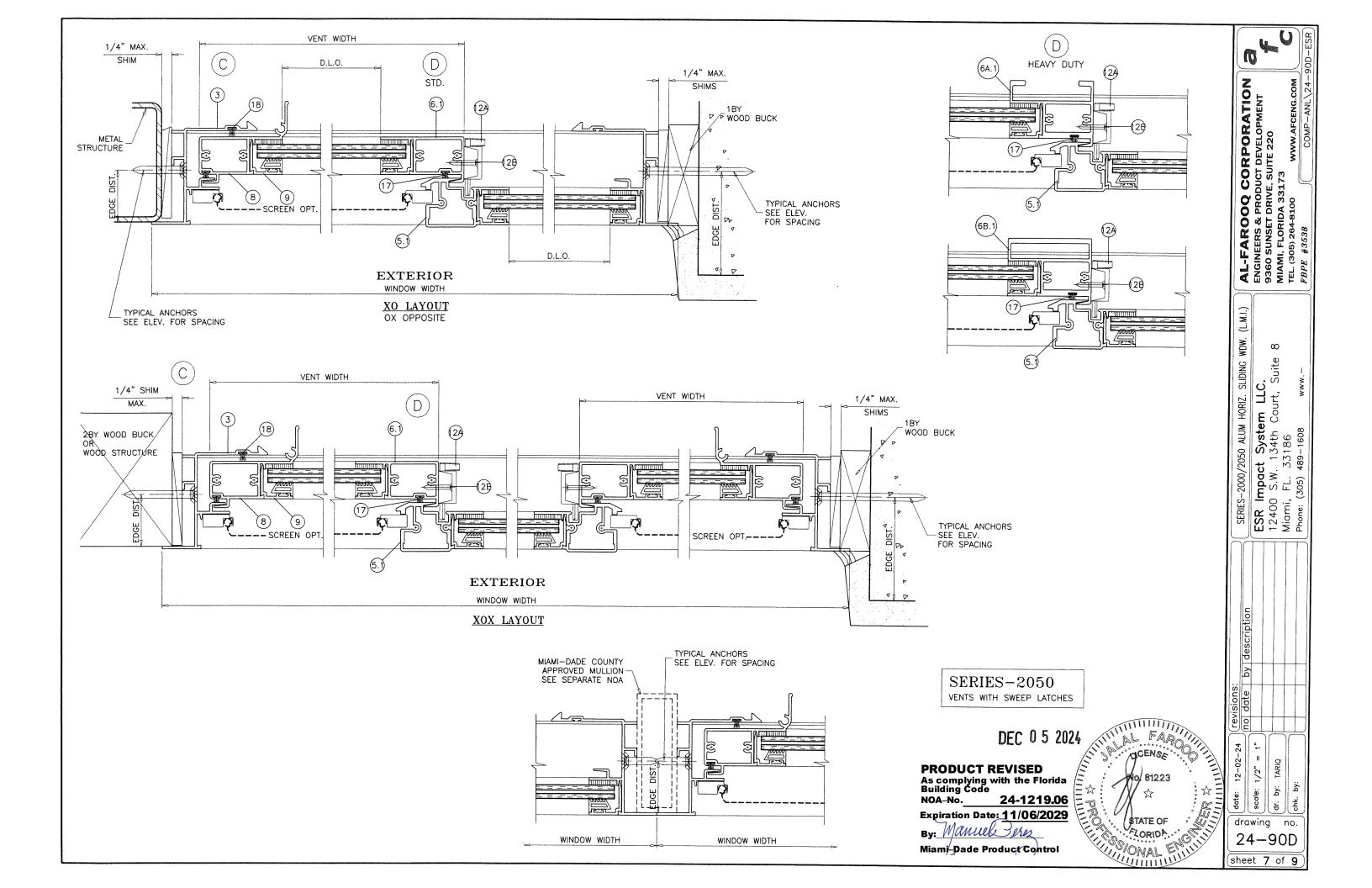
date:

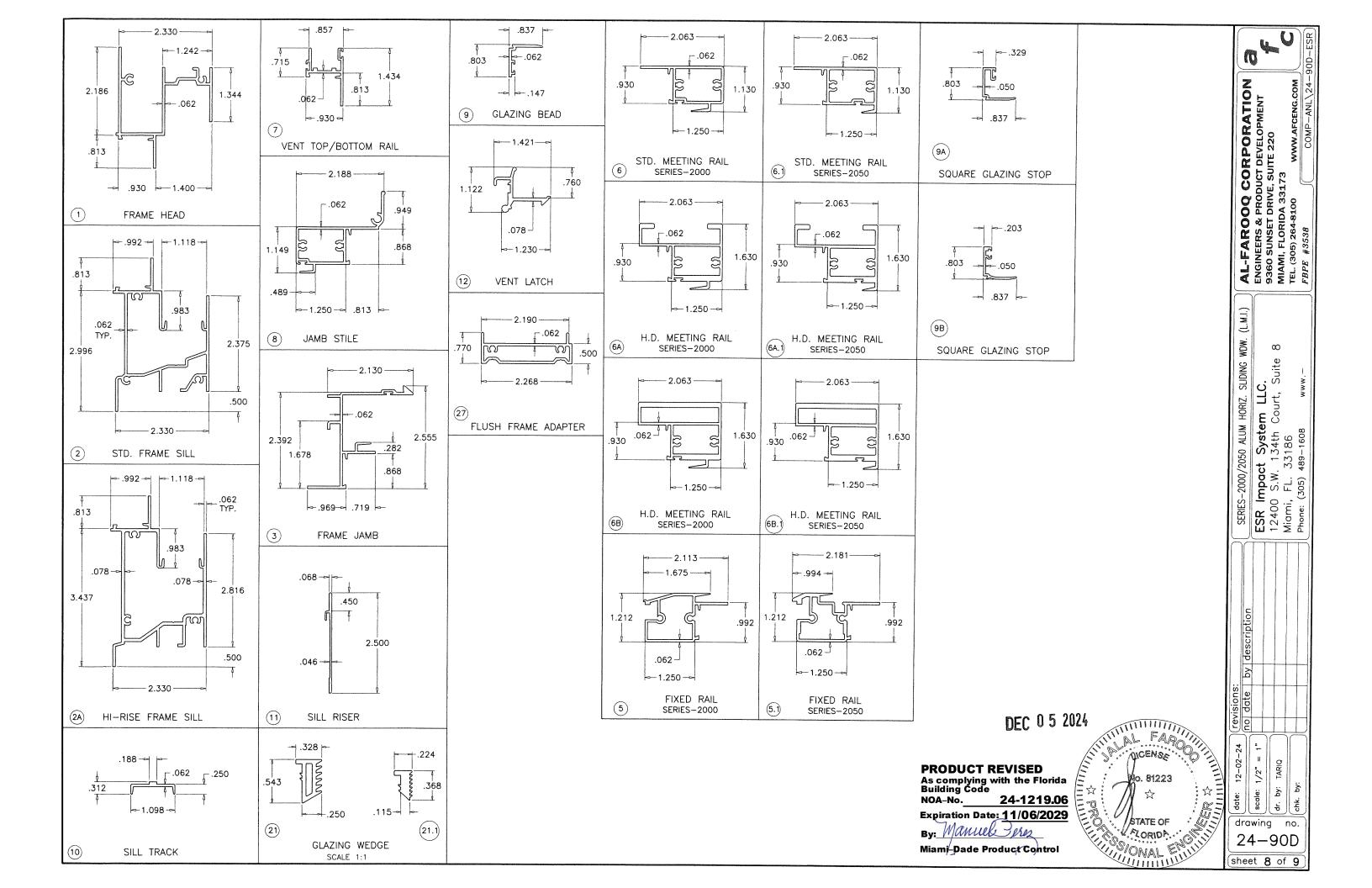
유 유 상 drawing no. 24-90D

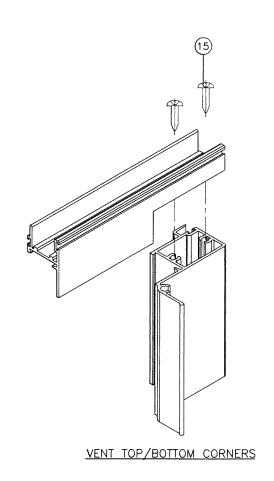
ا هُمُ

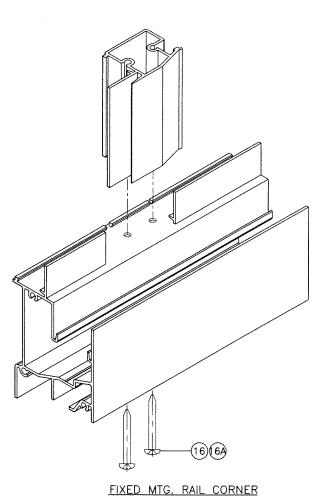
sheet **5** of **9** 

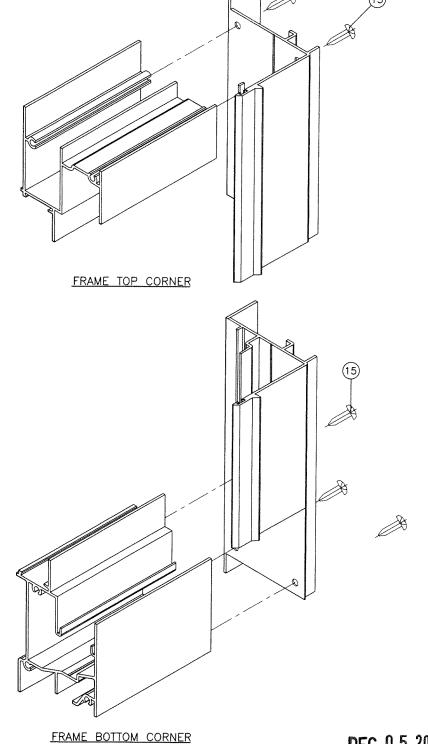










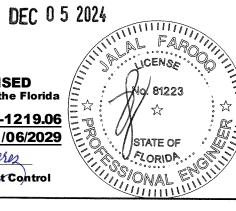


PRODUCT REVISED
As complying with the Florida
Building Code
NOA-No. 24-1219.06

Expiration Date: 11/06/2029

By: Manuel Pres

Miami-Dade Product Control



CEDIFC 2000 /20050 ALIM HORIZ CITCHIN MOM	SCINES—ZOUG/ ZOOU ALUM HURIZ. SLIDING WUW. (L.M.I.)	ESR Impact System LLC.	12400 S.W. 134th Court Suite 8	Miami, FL. 33186	Phone: (305) 489–1608 www.–
	no date   by description				
revisions:	no date				
12-02-24		/2" = 1"		IAKIQ	

drawing no. 24-90D

sheet 9 of 9