

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

Eco Window Systems, LLC 8502 NW 80th 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 "Eco-Guard 200" Aluminum Horizontal Rolling Window – S.M.I.

APPROVAL DOCUMENT: Drawing No. **W14-15**, titled "Eco-Guard Series-200 Alum Horiz. Rolling Wdw. (S.M.I.)", sheets 1 through 6 of 6, dated 04/02/14, with revision C dated 09/29/20, 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: 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. 19-0219.09 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.

MIAMI-DADE COUNTY APPROVED

12/9/20

NOA No. 20-1007.05 Expiration Date: June 19, 2024 Approval Date: December 17, 2020 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. 14-0415.05)
- Drawing No. W14-15, titled "Eco-Guard Series-200 Alum Horiz. Rolling Wdw. 2. (S.M.I.)", sheets 1 through 6 of 6, dated 04/02/14, revision **B** dated 10/24/17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E. (Submitted under NOA No. 19-0219.09)

B. TESTS

- Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94 1.
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Small 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 Eco-Guard series 200 aluminum horizontal rolling window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-7748, dated 03/10/14, signed and sealed by Marlin D. Brinson, P.E.

(Submitted under NOA No. 14-0415.05)

C. **CALCULATIONS**

- Anchor verification calculations and structural analysis, complying with FBC 5th 1. Edition (2014), dated 04/01/14, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E. (Submitted under NOA No. 14-0415.05)
- Glazing complies with ASTM E1300-09 2.

D. **QUALITY ASSURANCE**

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

E. MATERIAL CERTIFICATIONS

Notice of Acceptance No. 16-1117.01 issued to Kuraray America, Inc. for their 1. "Trosifol® Ultraclear, Clear and Color PVB Interlayers" dated 01/19/17, expiring on 07/08/19.

Manu Manuel Perez, P

Product Control Examiner NOA No. 20-1007.05 Expiration Date: June 19, 2024 Approval Date: December 17, 2020

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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

F. STATEMENTS

- Statement letter of conformance, complying with FBC 6th Edition (2017), dated February 07, 2019, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E. (Submitted under NOA No. 19-0219.09)
- Statement letter of conformance, complying with FBC 5th Edition (2014), with FBC 6th Edition (2017), and of no financial interest, dated October 12, 2017, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E. (Submitted under NOA No. 17-1102.24)
- Proposal issued by the Product Control Section, dated 01/29/14, signed by Jaime Gascon, P.E., Supervisor, Product Control Section. (Submitted under NOA No. 14-0415.05)

G. OTHERS

1. Notice of Acceptance No. 17-1102.24, issued to Eco Window Systems, LLC for their Series "Eco-Guard 200" Aluminum Horizontal Rolling Window – S.M.I., approved on 06/19/14 and expiring on 06/19/19.

Manu Manuel Perez.

Manuel Perez, P.E. Product Control Examiner NOA No. 20-1007.05 Expiration Date: June 19,2024 Approval Date: December 17,2020

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. W14-15, titled "Eco-Guard Series-200 Alum Horiz. Rolling Wdw. (S.M.I.)", sheets 1 through 6 of 6, dated 04/02/14, revision C dated 09/29/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

B. TESTS

1. None.

C. CALCULATIONS

- Anchor verification calculations and structural analysis, complying with FBC 5th Edition (2014), dated 04/01/14 and updated on 09/21/20 to comply with FBC 7th Edition (2020), prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, 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. 19-0305.02 issued to Kuraray America, Inc. for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers" dated 05/09/19, expiring on 07/08/24.

F. STATEMENTS

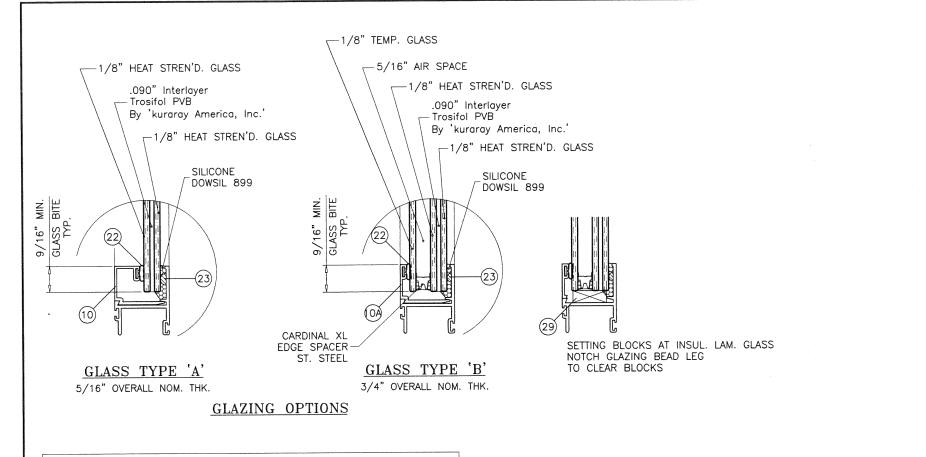
1. Statement letter of conformance, complying with **FBC 6th Edition (2017)**, with **FBC 7th Edition (2020)** and of no financial interest, dated September 21, 2020, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

G. OTHERS

1. Notice of Acceptance No. **19-0219.09**, issued to Eco Window Systems, LLC for their Series "Eco-Guard 200" Aluminum Horizontal Rolling Window – S.M.I., approved on 03/21/19 and expiring on 06/19/24.

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Manuel Perez, P.E. Product Control Examiner NOA No. 20-1007.05 Expiration Date: June 19, 2024 Approval Date: December 17, 2020



THESE WINDOWS ARE RATED FOR SMALL MISSILE IMPACT. MIAMI-DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS REQUIRED FOR INSTALLATIONS UP TO 30 FT. OF GRADE. SHUTTERS NOT REQD. FOR INSTALLATIONS ABOVE 30 FT. OF GRADE.

ECO-GUARD SERIES-200 ALUMINUM HORIZONTAL ROLLING WINDOW

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF H.R./H.R. OR HORIZONTAL ROLLING WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 (6TH EDITION)/2020 (7TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

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

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

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

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

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC.

CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'

4" MAX. HEAD/SILL CORNERS ____t C HEIGHT 55 3/4" VENT HEIGHT OPG 60" ===== WINDOW 52 D.L. \Rightarrow FALSE MUNTINS 26" (SURFACE APPLIED) D.L. OPG. MAY BE USED 30 1/8"

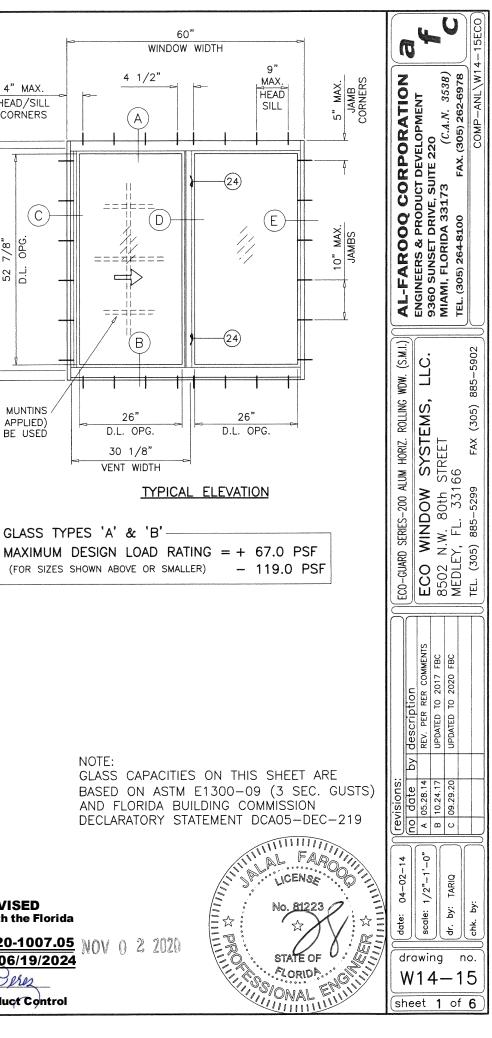
> GLASS TYPES 'A' & 'B' (FOR SIZES SHOWN ABOVE OR SMALLER)

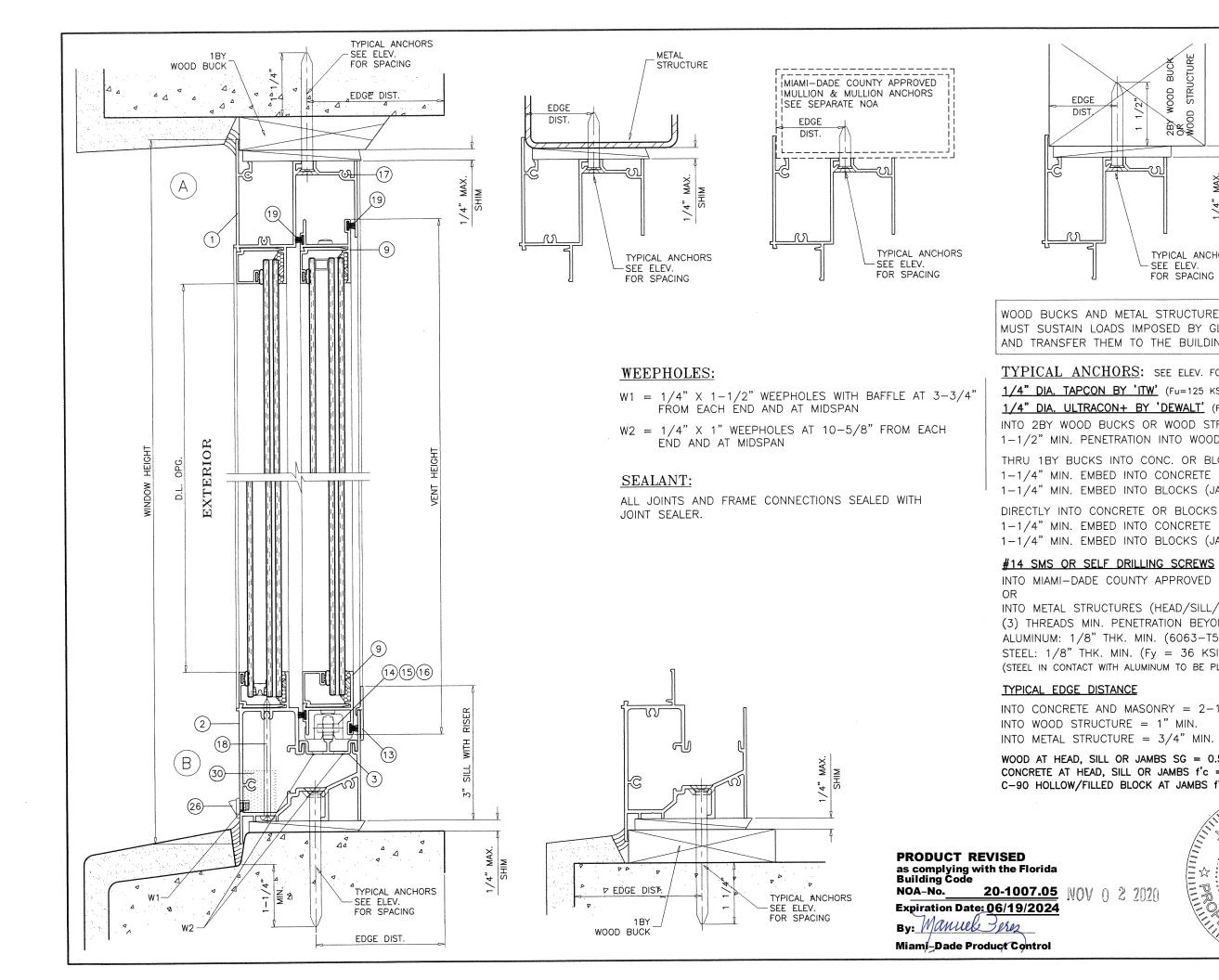
> > NOTE:

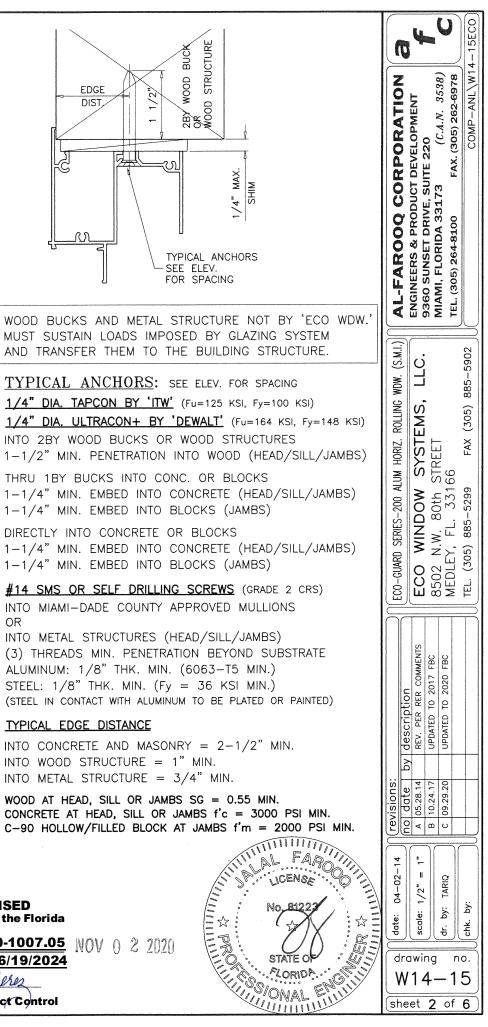
PRODUCT REVISED

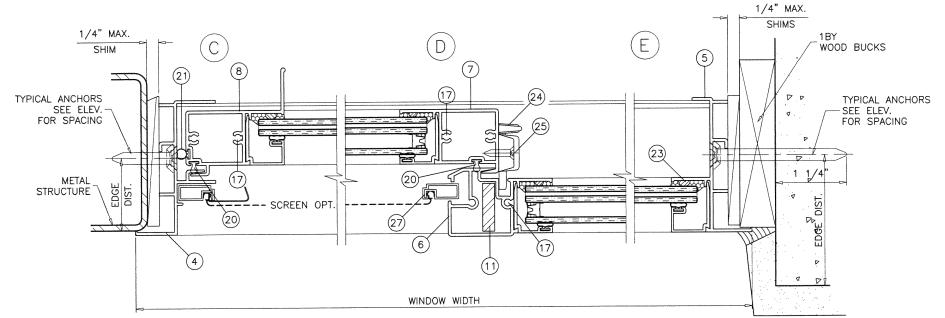
as complying with the Florida Building Code NOA-No. 20-1007.05 Expiration Date: 06/19/2024

By: Manuel Peres Miami-Dade Product Control

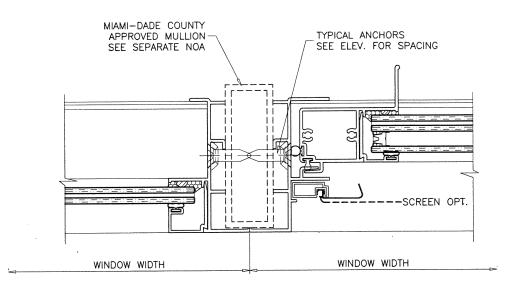




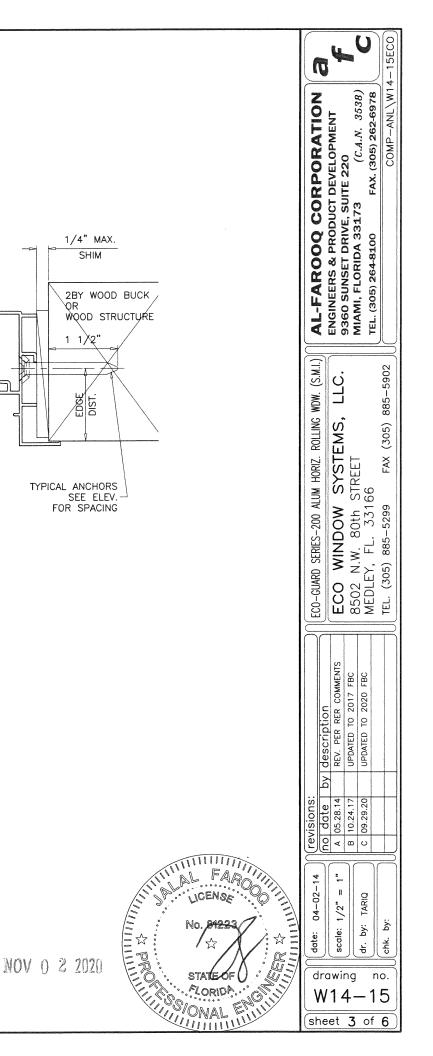


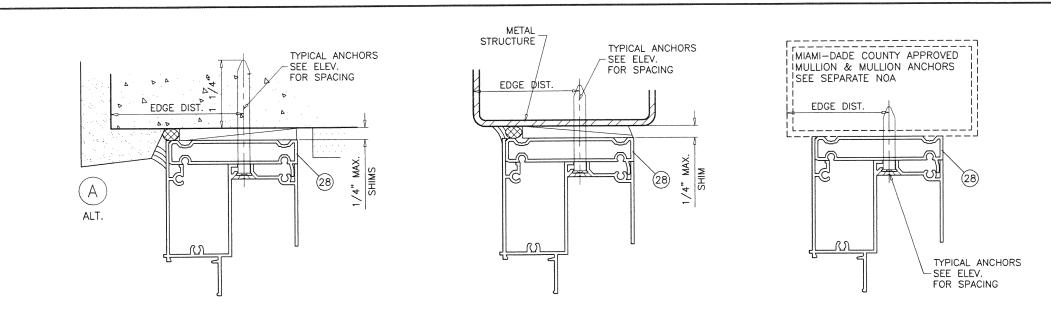


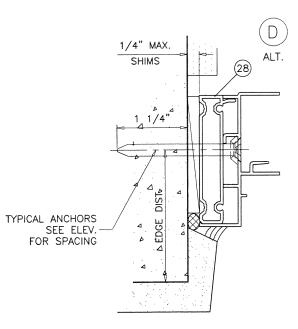
XO LAYOUT



PRODUCT REVISED as complying with the Florida Building Code NOA-No. 20-1007.05 Expiration Date: 06/19/2024 By: Manuel Manuel Miami-Dade Product Control

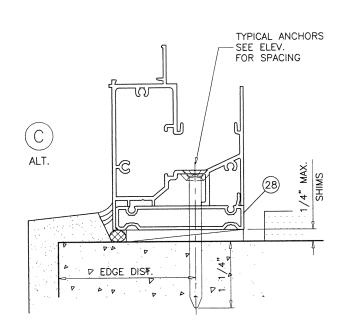




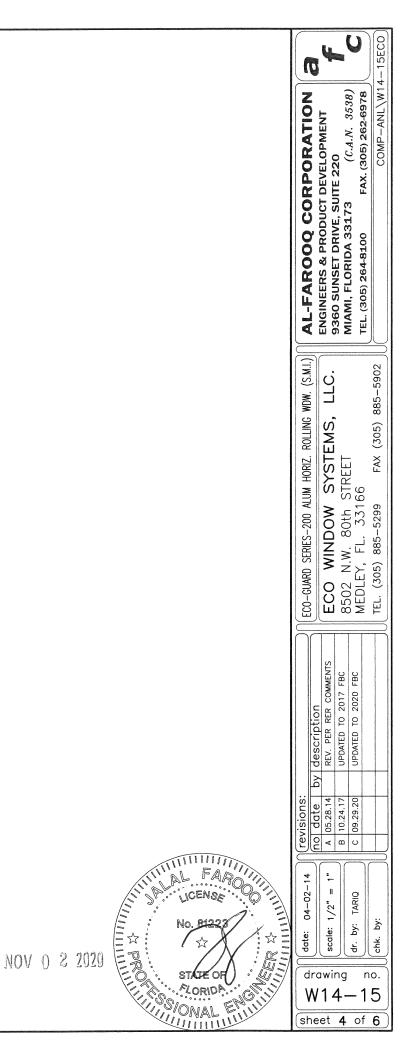


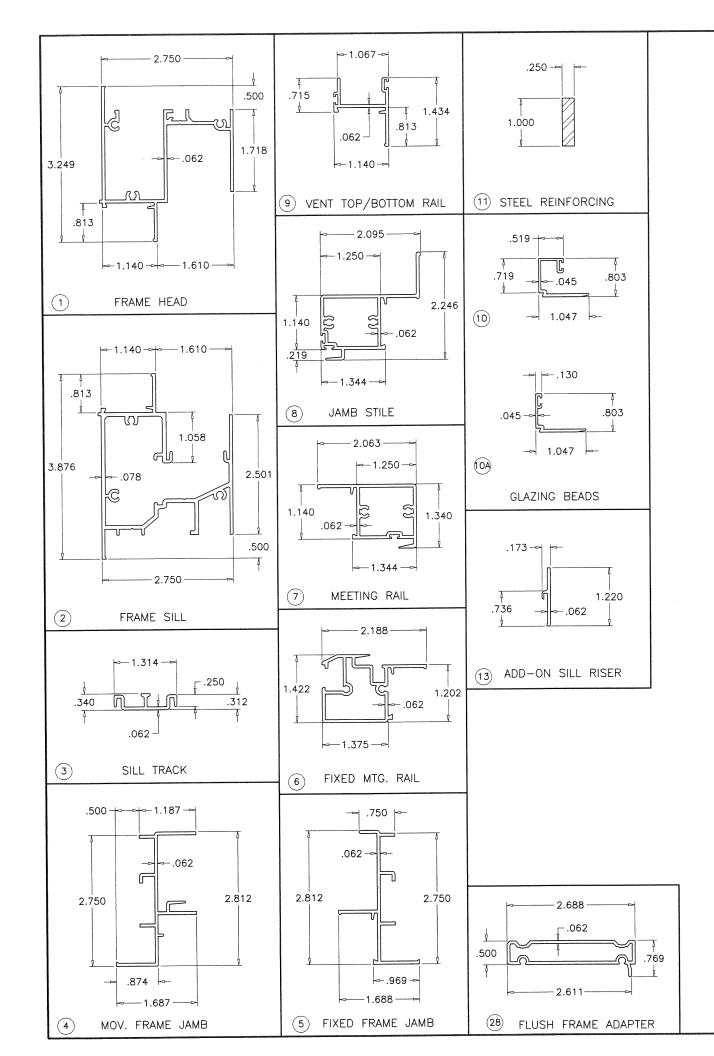
INSTALLATION DETAILS WITH FLUSH FRAME ADAPTER

PRODUCT REVISED as complying with the Florida Building Code NOA-No. 20-1007.05 Expiration Date: 06/19/2024 By: Manuel Peres Miami-Dade Product Control





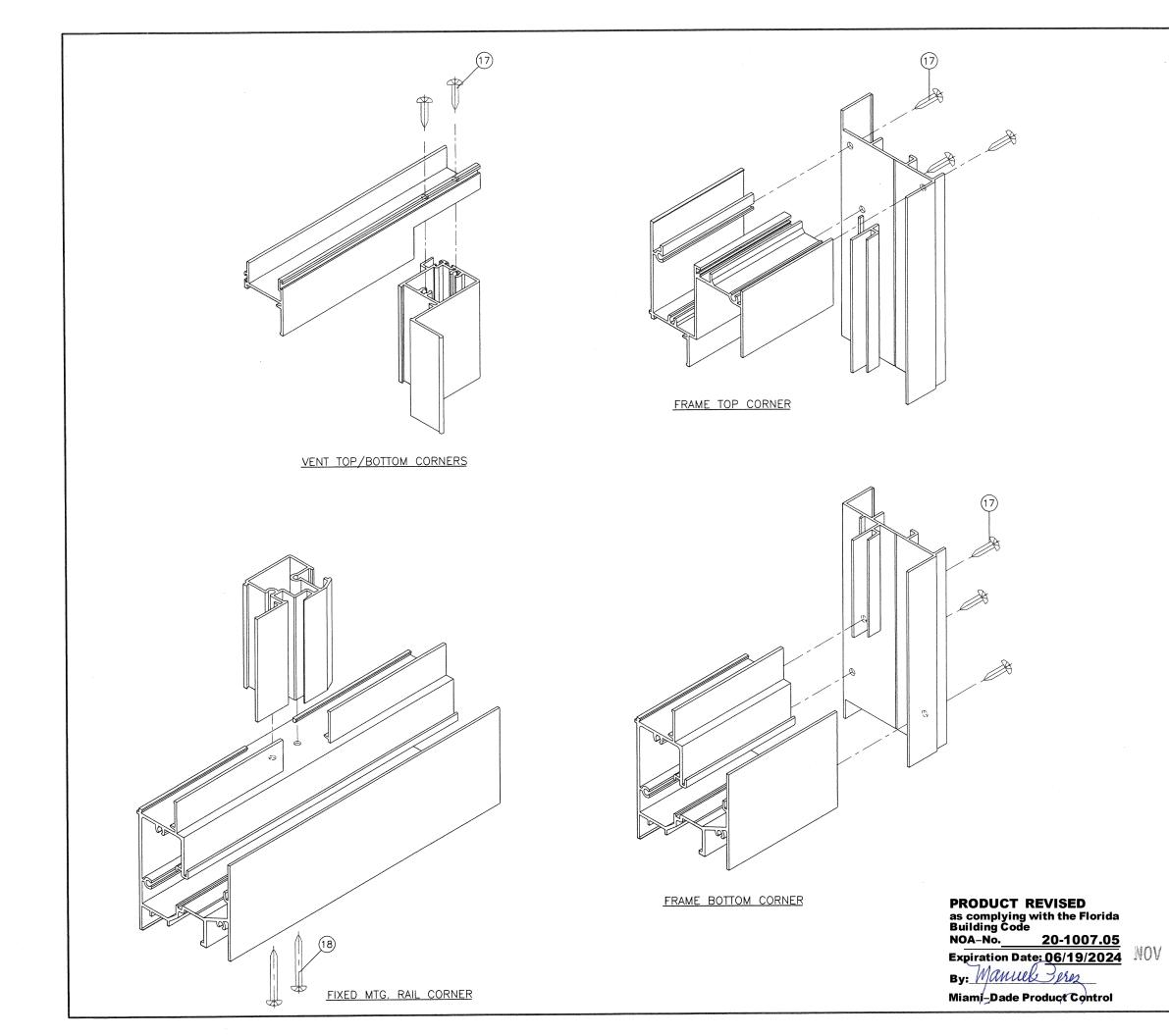


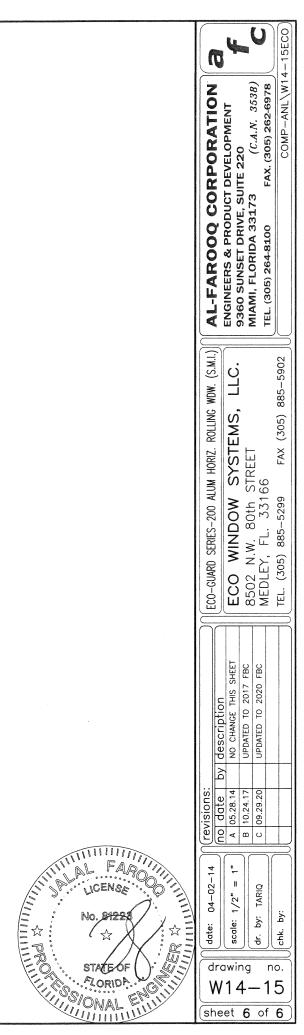


ITEM	PART #	QUANTITY	DESCRIPTION	MA'
1	FY201	1	FRAME HEAD	60
2	FY202	1	FRAME SILL	
3	FY203	1	SILL TRACK INSERT	
4	FY205	AS REQD.	MOV. FRAME JAMB	
5	FY101	AS REQD.	FIXED FRAME JAMB	
6	FY104	1/ VENT	FIXED MTG. RAIL	60
7	FY105	1/ VENT	VENT INTERLOCK	60
8	FY206	1/ VENT	JAMB STILE	60
9	FY107	2/ VENT	TOP AND BOTTOM RAIL	60
10	FY108	AS REQD.	GLAZING BEAD (LAM. GLASS)	60
10A	FY110	AS REQD.	GLAZING BEAD (INSUL. LAM. GLASS)	60
11		AS REQD.	REINFORCING BAR	
13	FY204	1	ADD-ON SILL RISER 6	
14	FY208	4/ VENT	ROLLER HOUSING & GUIDE	C
15	FY209	2/ VENT	ROLLER	
16	FY210	2/ VENT	ROLLER PIN	
17	#8 X 1"	AS REQD.	FRAME/VENT ASSEMBLY SCREWS	
18	#8 X 3"	2/ VENT	FIX. RAIL SILL SCREWS (SILL END)	
19	W23181	AS REQD.	FIN SEAL W'STRIPPING	
20	Q300T190	AS REQD.	BULB SEAL	
21	E207	AS REQD.	BULB SEAL	SAN
22	E203	AS REQD.	GLAZING BEAD BULB SA	
23	FLB-50	AS REQD.	GLASS SPACER	SI
24	SL203P	2/ VENT	SWEEP LATCH, AT 10" FROM TOP & BOTTOM	
25	#8 X 1/8"	2/ LATCH	LATCH INST. SCREW	ST.
26	WA2L	2/ WDW.	WEEP VALVE	
27		1/ VENT	5/16" BOX SCREEN	
28	FY120	-	FLUSH FRAME ADAPTER	60
29		2/ LITE	SETTING BLOCK	
30		1/ WEEP	OPEN CELL FOAM PAD	



IATERIAL	MANF./SUPPLIER/REMARKS	
6063-T6	-	DRATION A LOPMENT A LOPMENT A 20 (C.A.N. 3538) 305) 262-6978 C 305) 262-6978 C COMP-ANL\W14-15ECO C
5063-T6	_	
6063-T6		X (8) X (M1
5063-T6	_	RPORATION DEVELOPMENT TE 220 (C.A.N. 3538) FAX. (305) 262-6978 COMP-ANL\W1
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6063-T6	_	DPN DPN
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STEEL	-	
6063-T6	-	R C R C R C R C R C R C R C R C R C R C
CELCON	-	
BRASS	_	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/W
T. STEEL	_	
CRS	P.H. SMS	
CRS	P.H. SMS	
	ULTRAFAB	3 WDW. (S.M.I , LLC. 885-5902
Q-LON	SCHLEGEL	0W
NTOPRENE	ULTRAFAB, DUROMETER 65±5	ROLLING WDW. EMS, LL
NTOPRENE	ULTRAFAB, DUROMETER 65±5	AS 15
SILICONE	FRANK LOWE	JM HORIZ. ROLLING SYSTEMS STREET 56 FAX (305)
-	SULLIVAN & ASSOC.	RIZ. ST FAX
ST. STEEL	OH SMS	LUM HORIZ SYST STREET 66 FAX
-	PREFERRED ENG. PRODUCTS	ALUM STI 66
	OPTIONAL	00 / 00 / 01 / 01 / 0299
6063-T6	OPTIONAL	D SERIES-200 A WINDOW N.W. 80th Y, FL. 331 5) 885-5299
EPDM	DUROMETER 75±5 SHORE A	88 FL
	3/4" X 15/16" X 2-5/16" LONG	RD (3), , ∠ ND (3)
		EET EET BC BC BC BC CO-GUARD SERIES-200 ALUM HORIZ. ECO WINDOW SYSTI BC BSD2 N.W. BOTH STREET MEDLEY, FL. 33166 TEL. (305) 885-5299 FAX
		IS: P Dy description No chance THIS SHEE NO CHANCE THIS SHEE UPDATED TO 2017 FBC DUPDATED TO 2020 FBC
		A Cevisions no date a 05.28.14 b 10.24.17 c 09.29.20
0220	20 FARON No. 81223	$\begin{array}{c c} \text{date: } 04-02-14\\ \text{date: } 04-02-14\\ \text{scale: } 1/2^{n} = 1^{n}\\ \text{dr. by: } TARIQ\\ \text{dr. by: } TARIQ\\ \text{chk. by: } \end{array}$
	WAL MIL	sheet 5 of 6





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