

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

R)

PRODUCT CONTROL SECTION 11805 SW 26 Street, Room 208 Miami, Florida 33175-2474

Miami, Florida 331/5-24/4 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/building

MIAMI-DADE COUNTY

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 "350" Aluminum Fixed Window – S.M.I.

APPROVAL DOCUMENT: Drawing No. **W17-47**, titled "Series-350 Aluminum Fixed Window (S.M.I.)", sheets 1 through 5 of 5, dated 05/10/17, 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 Renewal 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 renews NOA No. 20-1203.03 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

1/25/22

NOA No. 22-0105.04 Expiration Date: October 26, 2027 Approval Date: February 03, 2022 Page 1

Eco Window Systems, LLC

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. 17-0615.02)
- 2. Drawing No. W17-47, titled "Series-350 Aluminum Fixed Window (S.M.I.)", sheets 1 through 5 of 5, dated 05/10/17, with revision **B** dated 11/05/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E. (Submitted under NOA No. 20-1203.03)

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) Small Missile Impact Test per FBC, TAS 201-94
 - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 7) Forced Entry Resistance Test per FBC, TAS 202-94
 - 8) Drop Load Test, per CPCS 16 CFR 1201 (Cat 11) and ANSI Z97.1 (Class and A)(400 foot-pound impact)

along with marked-up drawings and installation diagram of an aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-9404**, dated 03/01/17, signed and sealed by Idalmis Ortega, P.E. *(Submitted under NOA No. 17-0615.02)*

C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with FBC 5th Edition (2014), FBC 6th Edition (2017), dated 06/13/17 and further updated on 10/26/20 to comply with FBC 7th Edition (2020), prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E. (Submitted under NOA No. 20-1203.03)
- 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. 22-0105.04

Expiration Date: October 26, 2027 Approval Date: February 03, 2022

Eco Window Systems, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- 1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA'S (CONTINUED)
- 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 October 26, 2020, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
 - (Submitted under NOA No. 20-1203.03)
- Test Proposal issued by the Product Control Section, dated 12/16/16 and revised on 12/20/16, signed by Manuel Perez, P.E.
 (Submitted under NOA No. 17-0615.02)

G. OTHERS

1. Notice of Acceptance No. **17-0615.02**, issued to Eco Window Systems, LLC for their Series "350" Aluminum Fixed Window – S.M.I. approved on 10/26/17 and expiring on 10/26/22.

Manuel Perez, P.E.
Product Control Examiner
NOA No. 22-0105.04

Expiration Date: October 26, 2027 Approval Date: February 03, 2022

Eco Window Systems, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

- A. DRAWINGS
 - 1. None.
- 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" dated 11/19/20, expiring on 07/08/24.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC** 7th **Edition (2020)** and of no financial interest, dated November 30, 2021, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

G. OTHERS

1. Notice of Acceptance No. **20-1203.03**, issued to Eco Window Systems, LLC for their Series "350" Aluminum Fixed Window – S.M.I. approved on 02/04/21 and expiring on 10/26/22.

Manuel Perez, P.E. Product Control Examiner NOA No. 22-0105.04

Expiration Date: October 26, 2027 Approval Date: February 03, 2022

SERIES 350 ALUMINUM FIXED WINDOW (S.M.I.)

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF FIXED/FIXED OR FIXED WITH OTHER WINDOW (UNDER SEPARATE APPROVAL) 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. AHJ TO REVIEW SUCH APPLICATION AND VERIFY TRIBUTARY LOAD AND END LOAD ANCHORS.

DESIGN LOAD RATING FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 2.

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.

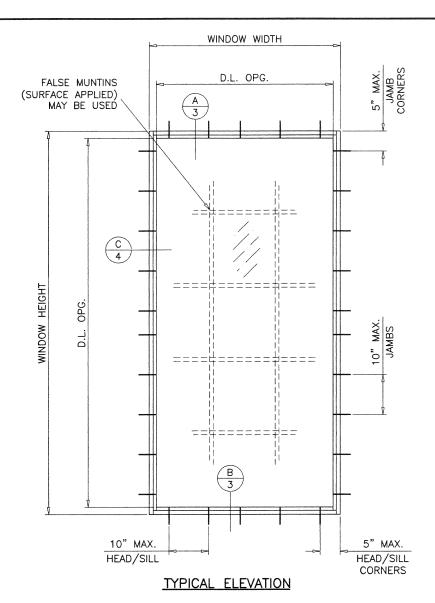
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

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)'



GLASS D.L.O. DIMS.

D.L.O. HEIGHT = WINDOW HEIGHT - 3.625" D.L.O. WIDTH = WINDOW WIDTH -3.625"

PRODUCT COMPLIES WITH REQUIREMENTS OF ANSI Z97.1.

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 GRADI

NOV 1 0 2020

PRODUCT RENEWED as complying with the Florida Building Code 22-0105.04 NOA-No.

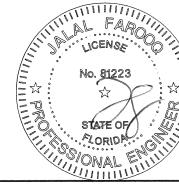
Expiration Date: 10/26/2027

By: Manuel Peres Miami-Dade Product Control

PRODUCT REVISED as complying with the Florida Building Code NOA-No. 20-1203.03

Expiration Date: 10/26/2022

By: Manuel Peres Miami-Dade Product Control



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(C.A.N. 3538) FAX. (305) 262-6978

 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

(S.M.I.)

WINDOW

350 ALUMINUM FIXED

WINDOW SYSTEMS, I N.W. 80th STREET EY, FL. 33166 805) 885-5299 FAX (305) 88

ECO WIND 8502 N.W. 8' MEDLEY, FL. TEL. (305) 885-

no. V17—47

eet 1 of 5

| | DESIGN LOAD CAPACITY - PSF | | | | DESIGN LOAD CAPACITY - PSF | | | | |
|---|----------------------------|------------|-----------------------------|---------|---|--------------|------------|-----------------------------|--------|
| | WINDOV | V DIMS. | GLASS TYPES 'G2' & 'G2i' | | O CONTRACTOR OF THE PERSON OF | WINDOW DIMS. | | GLASS TYPES 'G2' & 'G2i' | |
| | WIDTH (W) | LENGTH (L) | EXT.(+) | 1NT.(-) | 1 | WIDTH (W) | LENGTH (L) | EXT.(+) | 1NT.(- |
| | 24" | | 80.0 | 140.0 | | 24" | | 80.0 | 140.0 |
| | 30" | | 80.0 | 140.0 | | 30" | | 80.0 | 140.0 |
| | 36" | | 80.0 | 140.0 | ١ | 36" | 78" | 80.0 | 140.0 |
| | 42" | | 80.0 | 140.0 | ١ | 42" | | 80.0 | 140.0 |
| ı | 48" | " | 80.0 | 140.0 | | 48" | | 80.0 | 130.0 |
| | 54" | 42" | 80.0 | 140.0 | | 24" | | 80.0 | 140.0 |
| | 60" | | 80.0 | 140.0 | | 30" | | 80.0 | 140.0 |
| | 66" | | 80.0 | 140.0 | | 36" | 84" | 80.0 | 140.0 |
| | 72" | | 80.0 | 140.0 | | 42" | | 80.0 | 140.0 |
| | 24" | | 80.0 | 140.0 | | 48" | | 80.0 | 130.0 |
| | 30" | | 80.0 | 140.0 | | | | | |

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66"

72'

24"

30"

36'

42'

48

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60'

66'

72'

24"

30"

42'

48'

54'

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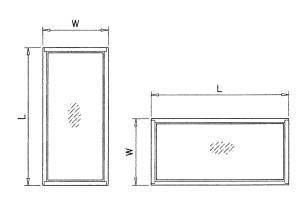
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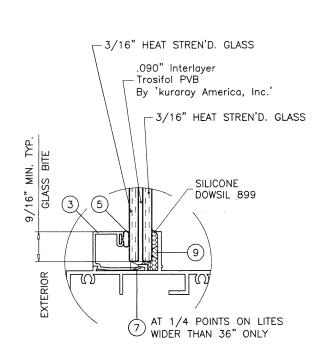
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| DESIGN LOAD CAPACITY - PSF | | | | | | |
|----------------------------|------------|-----------------------------|---------|--|--|--|
| WINDOV | W DIMS. | GLASS TYPES 'G2' & 'G2i' | | | | |
| WIDTH (W) | LENGTH (L) | EXT.(+) | 1NT.(-) | | | |
| 19-1/8" | | 80.0 | 140.0 | | | |
| 26-1/2" | | 80.0 | 140.0 | | | |
| 32" | 38-3/8" | 80.0 | 140.0 | | | |
| 37" | 36-3/6 | 80.0 | 140.0 | | | |
| 53-1/8" | | 80.0 | 140.0 | | | |
| 63" | | 80.0 | 140.0 | | | |
| 19-1/8" | | 80.0 | 140.0 | | | |
| 26-1/2" | | 80.0 | 140.0 | | | |
| 32" | 50-5/8" | 80.0 | 140.0 | | | |
| 37" | | 80.0 | 140.0 | | | |
| 53-1/8" | | 75.9 | 123.3 | | | |
| 63" | | 75.9 | 123.3 | | | |
| 19-1/8" | | 80.0 | 140.0 | | | |
| 26-1/2" | | 80.0 | 140.0 | | | |
| 32" | 63" | 80.0 | 140.0 | | | |
| 37" | 63 | 80.0 | 140.0 | | | |
| 53-1/8" | | 72.3 | 117.5 | | | |
| 63" | | 61.0 | 99.0 | | | |
| 19-1/8" | | 80.0 | 140.0 | | | |
| 26-1/2" | 74-1/4" | 80.0 | 140.0 | | | |
| 32" | | 80.0 | 140.0 | | | |
| 37" | | 80.0 | 140.0 | | | |
| 53-1/8" | | 72.3 | 117.5 | | | |

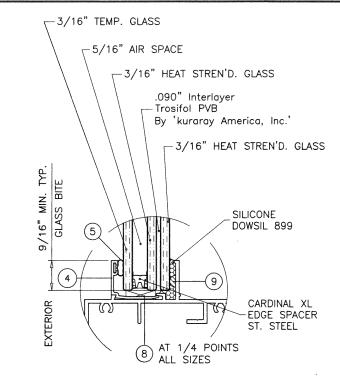


WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.



GLASS TYPE 'G2' 7/16" OVERALL LAM. GLASS

GLASS TYPE 'G2i' 15/16" OVERALL INSUL. LAM. GLASS



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

NOV 1 0 2020

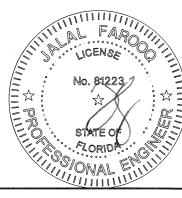
NOA-No.

By: Manuel Peres Miami-Dade Product Control **PRODUCT REVISED** as complying with the Florida Building Code NOA-No. 20-1203.03

GLAZING OPTIONS

Expiration Date: 10/26/2022

Miami-Dade Product Control



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REV. PER RER COMMENTS
UDDATED TO 2020 FBC

(C.A.N. 3538) FAX. (305) 262-6978

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

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ECO WINDOW SYSTEMS, L 8502 N.W. 80th STREET MEDLEY, FL. 33166 TEL. (305) 885–5299 FAX (305) 88

SERIES-350 ALUMINUM FIXED WINDOW (S.M.I.)

W17 - 47sheet 2 of 5

PRODUCT RENEWED as complying with the Florida Building Code 22-0105.04

Expiration Date: 10/26/2027

36" 80.0 140.0 42' 80.0 140.0 48' 80.0 130.0 60" 54' 71.1 115.6 64.0 60' 104.0 64.0 104.0 66' 80.0 140.0 24' 80.0 140.0 30" 36' 80.0 140.0 66" 80.0 140.0 42' 48' 80.0 130.0 54" 71.1 115.6 64.0 104.0 60' 24' 80.0 140.0 80.0 30" 140.0 36' 80.0 140.0

72"

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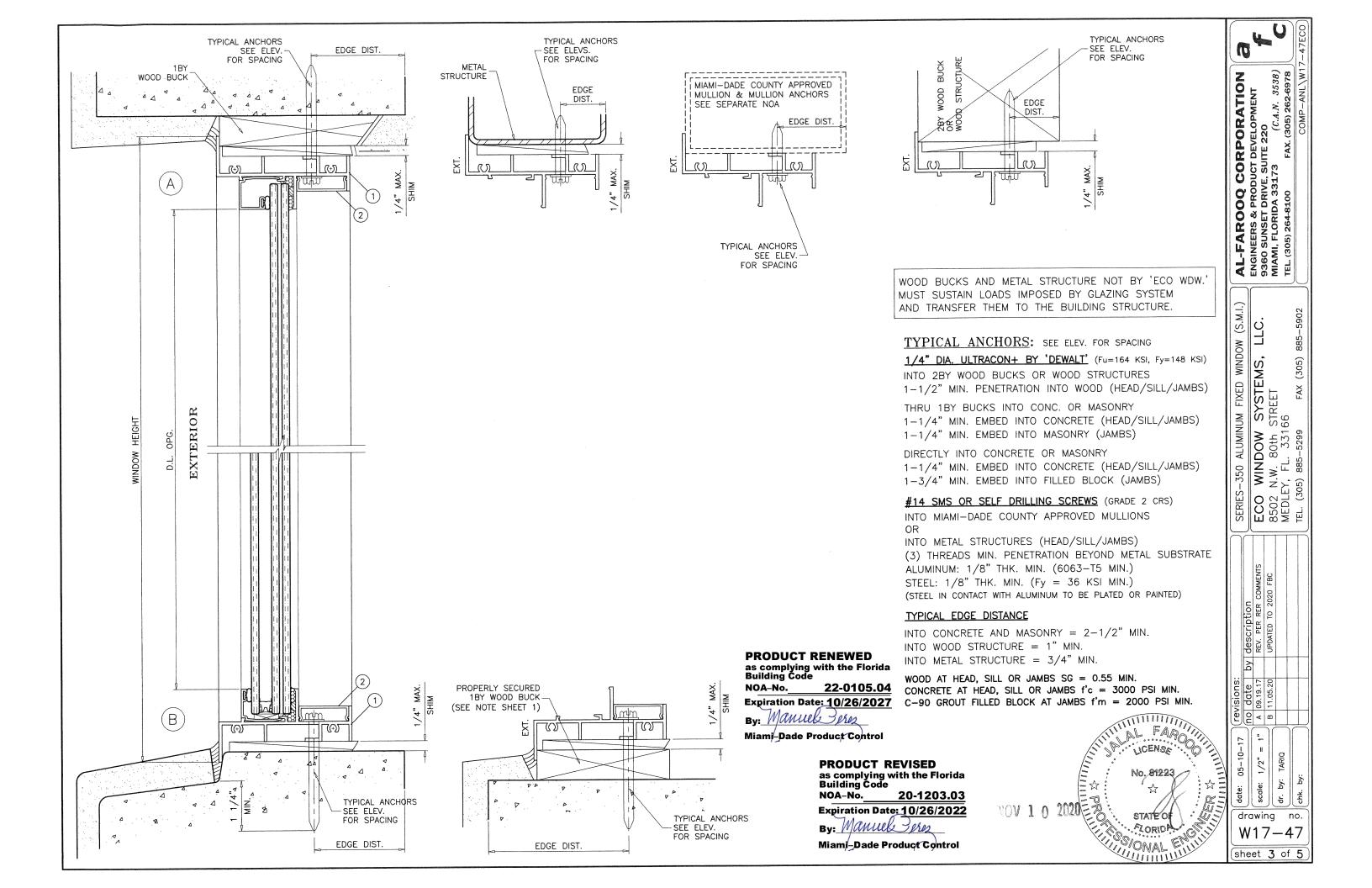
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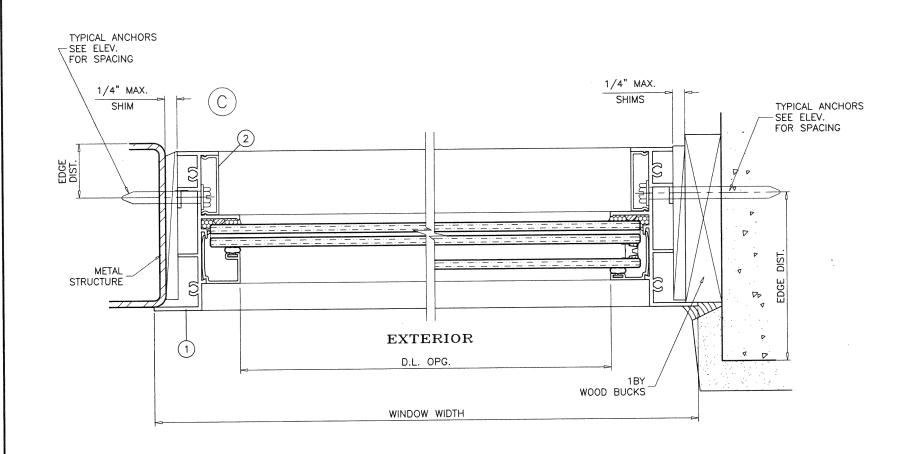
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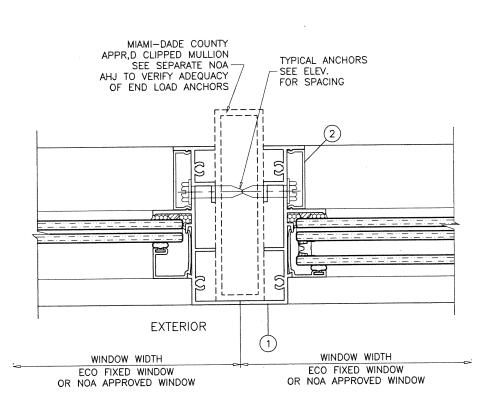
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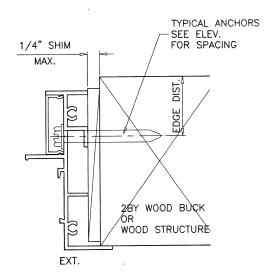
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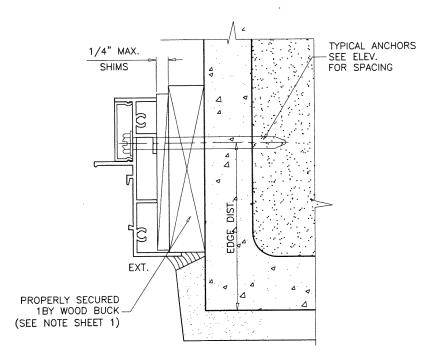
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PRODUCT REVISED as complying with the Florida Building Code NOA-No. 20-1203.03

Expiration Date: 10/26/2022

Miami-Dade Product Control

No. 84223

No. 84223

STATE OF

STORIDA

CONDAL

CONTROL

| | | | COMMENTS | 20 FBC | | | |
|-------|----------------|----------------|-----------------------|---------------------|---------------|----|----------|
| | | by description | REV. PER RER COMMENTS | UPDATED TO 2020 FBC | | | |
| | | þ | | | | | |
| | revisions: | no date | A 09.19.17 | B 11.05.20 | | | |
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sheet 4 of 5

(C.A.N. 3538) FAX. (305) 262-6978

 AL-FAROOQ CORPORATION

 ENGINEERS & PRODUCT DEVELOPMENT

 9360 SUNSET DRIVE, SUITE 220

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 TEL. (305) 264-8100
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SERIES-350 ALUMINUM FIXED WINDOW (S.M.I.)

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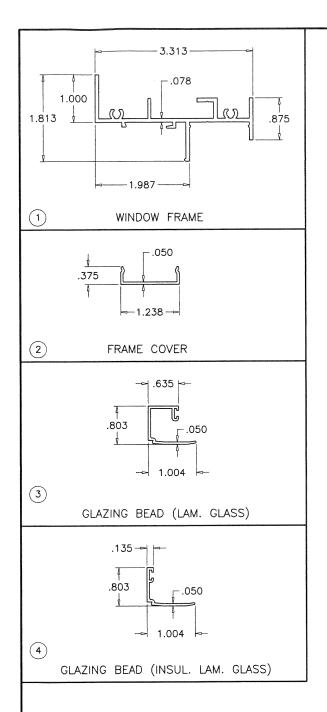
ECO WINDOW SYSTEMS, I 8502 N.W. 80th STREET MEDLEY, FL. 33166 TEL. (305) 885–5299 FAX (305) 88

22-0105.04 Expiration Date: 10/26/2027 By: Manuel Peres Miami-Dade Product Control

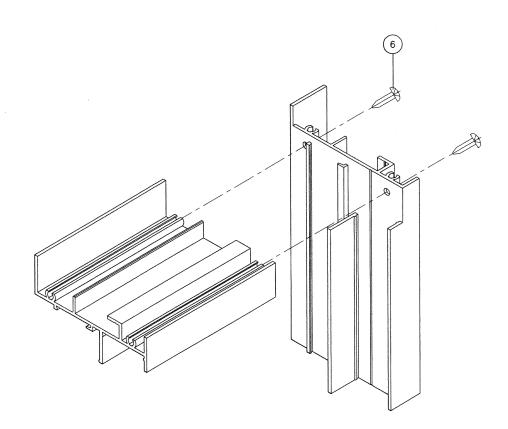
PRODUCT RENEWED

NOA-No.

as complying with the Florida Building Code



| ITEM | PART # | QUANTITY | DESCRIPTION | MATERIAL | MANF./SUPPLIER/REMARKS |
|------|--------------|-----------|---|-----------|------------------------|
| 1 | E351 | 4 | WINDOW FRAME | 6063-T6 | |
| 2 | E352 | 4 | FRAME COVER | RIGID PVC | _ |
| 3 | E353 | 4/ LITE | GLAZING BEAD (LAM. GLASS) | 6063-T6 | _ |
| 4 | E354 | 4/ LITE | GLAZING BEAD (INSUL. LAM. GLASS) | 6063-T6 | _ |
| 5 | | AS REQD. | EXTERIOR GLAZING GASKET | VINYL | DUROMETER 70±5 SHORE A |
| 6 | #10 X 1-1/4" | 2/ CORNER | ASSEMBLY FASTENERS | ST. STEEL | HWH SMS |
| 7 | _ | 2/ LITE | SETTING BLOCK AT 1/4 POINTS (LAM. GLASS) | EPDM | DUROMETER 80±5 SHORE A |
| 8 | | 2/ LITE | SETTING BLOCK AT 1/4 POINTS (INSUL. LAM. GLASS) | EPDM | DUROMETER 80±5 SHORE A |
| 9 | FLB-50 | AS REQD. | GLASS SPACER - 1/8" HIGH | SILICONE | FRANK LOWE |



WINDOW CORNER

PRODUCT RENEWED as complying with the Florida Building Code
NOA-No. 22-0105.04

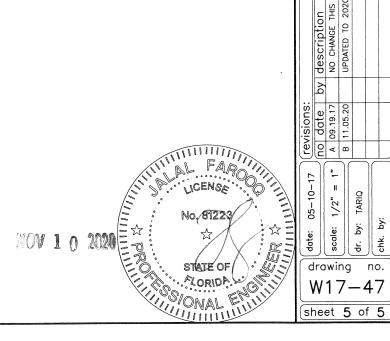
Expiration Date: 10/26/2027

By: Manuel Programmer By: Miami-Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-1203.03

Expiration Date: 10/26/2022

Miami-Dade Product Control



| 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\W1 |
|---|--|------------------------------------|---|--|
| SERIES-350 ALUMINUM FIXED WINDOW (S.M.I.) | ECO WINDOW SYSTEMS, LLC. | 8502 N.W. 80th STREET | MEULEY, FL. 33166 | TEL. (305) 885-5299 FAX (305) 885-5902 |