

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/building

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

# NOTICE OF ACCEPTANCE (NOA)

ECO Windows, LLC 8502 N. W. 80<sup>TH</sup> 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 "1050" Aluminum Window Wall System w/wo Reinforcement-S.M.I.

**APPROVAL DOCUMENT:** Drawing No. **20-16D Rev A**, titled "Series 1050 Alum. Window Wall System (L.M.I.)", sheets 1 through 9 of 9, dated 20-18-20 and last revised on May 12, 2021, prepared by Al-Farooq Corporation, signed and sealed by Javad Farooq, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

# MISSILE IMPACT RATING: Small Missile Impact Resistant

#### Limitations:

1. See design capacity in sheet 2, see Jamb and Mullions capacity in sheets 3 & 4 and anchor capacity in sheet 5. The lower capacity controls from the charts.

**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 consists of this page 1 and evidence pages E-1 as well as approval document mentioned above. The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.** 



NOA No. 20-0224.04 Expiration Date: May 27, 2026 Approval Date: May 27, 2021

Page 1

# NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTE

#### A. DRAWINGS

- 1. Manufacturer's die drawings and sections.
- 2. Drawing No. **20-16D rev A**, titled "Series 1050 Alum. Window Wall System (S.M.I.)", sheets 1 through 9 of 9 dated 02-18-2020 and last revised on May 12, 2021, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, 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) Small Missile Impact Test per FBC, TAS 201-94
  - 5) Large Missile Impact Test per FBC, TAS 201-94
  - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 7) Drop Load Test, per ANSI Z97.1 (400 foot-pound impact)

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

FTL-10936, dated 02/10/2020, signed and sealed by Idalmis Ortega, P.E.

**Note:** This test report was revised and re-issued by FTL lab dated 04-06-2020, signed and sealed by Idalmis Ortega, P.E.

### C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with **FBC** 7<sup>th</sup> **Edition (2020)**, dated 04/02/21, 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. 17-0808.02 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** 7<sup>th</sup> **Edition (2020)**, and of no financial interest, dated 04/02/2021, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

#### G. OTHERS

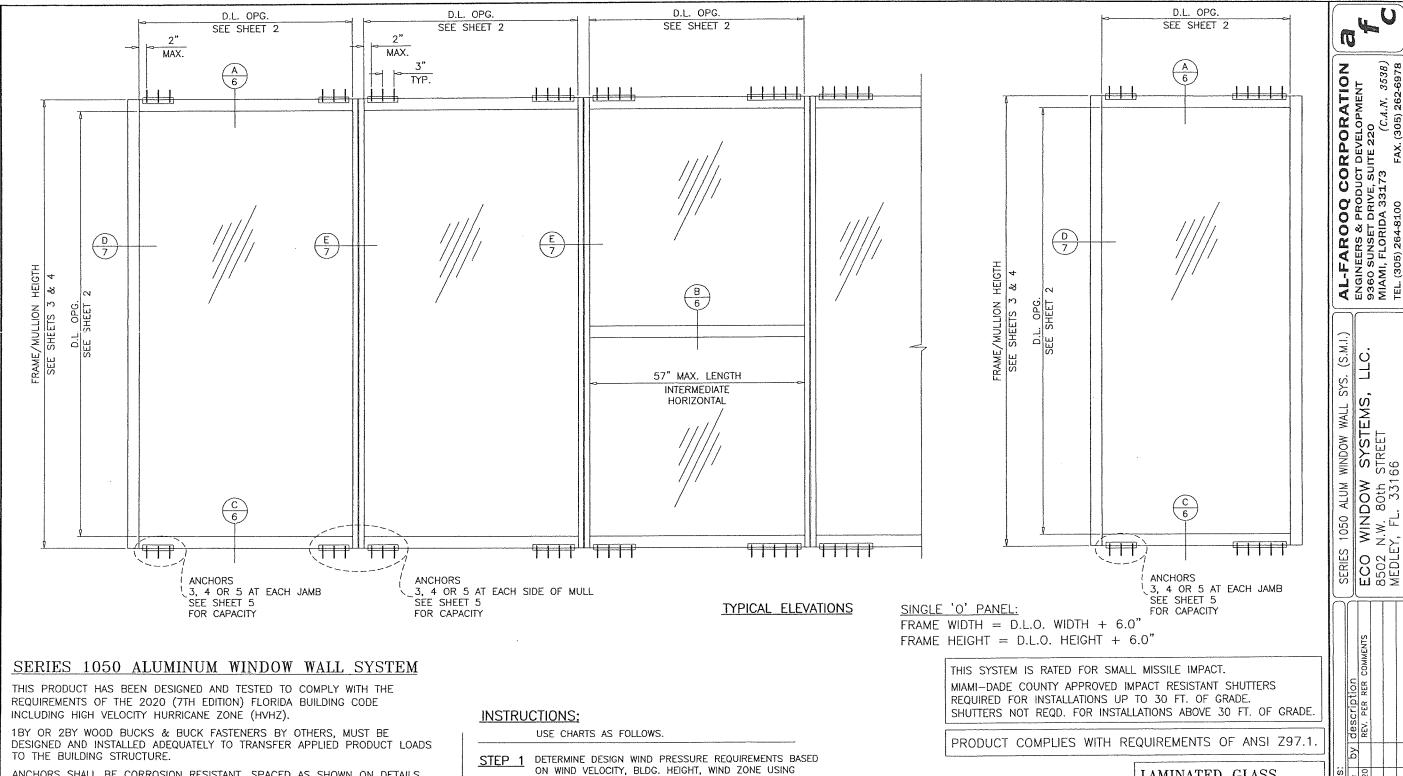
1. Testing Proposal #19-0537 issued by the Product Control Section, dated 06/05/19, signed by Manny Perez, P.E.

Ishaq I. Chanda, P.E.

**Product Control Unit Supervisor** 

NOA No. 20-0220.04

Expiration Date: May 27, 2026 Approval Date: May 27, 2021



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 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.

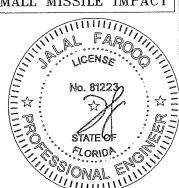
DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

- APPLICABLE ASCE 7 STANDARD.
- STEP 2 SEE CHARTS ON SHEET 2 FOR GLASS DESIGN LOAD CAPACITY.
- STEP 3 CHECK MULLION DESIGN LOAD CAPACITY FOR A GIVEN SPACING AND HEIGHT USING CHARTS ON SHEETS 3 & 4 THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.
- STEP 4 USING CHARTS ON SHEET 5 SELECT ANCHOR OPTION WITH DESIGN LOAD CAPACITY MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
- STEP 5 FOR JAMBS, USING SHEET 7, DETERMINE THE MIN. & MAX. GAP DIMENSIONS.
- STEP 6 THE LOWEST VALUE RESULTING FROM STEPS 2, 3, 4 AND 5 THAT EXCEED THE DESIGN WIND PRESSURES DETERMINED THRU STEP 1 SHALL APPLY TO ENTIRE SYSTEM.

Approved as complying with the Florida Building Code Date MAY 27, 202 NOA# 20-0224.04 Miami Dade Product Control By Khay 1. Clarel

MAY 12 2021

LAMINATED GLASS SMALL MISSILE IMPACT



drawing 20-16D

sheet 1 of 9

GLASS I	ESIGN LOAI	CAPACITY	7 - PSF			
NOMINA	AL DIMS.	9/16" LAM. GLASS				
D.L.O. WIDTH	D.L.O. HEIGHT	EXT. (+)	INT. (-)			
36"		100.0	140.0			
42"		100.0	140.0			
48"		100.0	140.0			
54"		100.0	137.2			
60"	78"	95.0	123.5			
66"		86.4	112.3			
72"		79.2	102.9			
78"		73.1	95.0			
81"		73.1	95.0			
36"		100.0	140.0			
42"		100.0	140.0			
48"		100.0	140.0			
54"	90"	100.0	137.2			
60"		95.0	123.5			
66"		86.4	112.3			
72"		79.2	102.9			
36"		100.0	140.0			
42"		100.0	140.0			
48"	102"	100.0	140.0			
54"		100.0	137.2			
60"		95.0	123.5			
63"		90.5	117.6			
36"		100.0	140.0			
42"		100.0	140.0			
48"	114"	100.0	140.0			
54"		100.0	134.9			
57"		100.0	130.0			
36"		100.0	140.0			
42"	126"	100.0	140.0			
48"		100.0	140.0			
36"		100.0	140.0			
42"	138"	100.0	140.0			
45"		100.0	140.0			

D.L.O. WIDTH D.L.O. WIDTH D.L.0. 1/1/2 D.L.O. HEIGHT

> -1/4" HEAT STREN'D GLASS .035" Interlayer — SentryGlas SILICONE\_ DOWSIL 995 By 'Kuraray America, Inc.' -1/4" HEAT STREN'D GLASS SILICONE DOWSIL 995 3/4" GLASS BITE

> > GLAZING DETAIL

9/16" OVERALL LAM. GLASS

MAY 12 2021

No. 81222

STATE OF

CORIDA

CONDAL

CONTROL

CO

by description no change This drawing no.

20-16D

sheet 2 of 9

GLASS CAPACITIES ON THIS SHEET ARE

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.

BASED ON ASTM E1300-09 (3 SEC. GUSTS).

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 SERIES 1050 ALUM WINDOW WALL SYS. (S.M.I.)

ECO WINDOW SYSTEMS, LLC.

8502 N.W. 80th STREET

MEDLEY, FL. 33166

TEL. (305) 885-5999 FAX (305) 885-5902

JAMB & MULLION LOAD CAPACITY - PSF JAMBS & MULLIONS WITHOUT INTERMEDIATE HORIZONTALS											
NOMINAL DIMS. JAMB 'J'		JAMB 'J1'		MULL 'M'		MULL 'M1'		MULL 'M2'			
WIDTH (W)	FRAME HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
42"		100.0	140.0	100.0	140.0	100.0	130.0	100.0	140.0	100.0	140.0
48"		100.0	140.0	100.0	140.0	100.0	130.0	100.0	140.0	100.0	140.0
54"		100.0	140.0	100.0	140.0	100.0	130.0	100.0	140.0	100.0	140.0
60"	84"	100.0	140.0	100.0	140.0	100.0	130.0	100.0	140.0	100.0	140.0
66"	84	100.0	140.0	100.0	140.0	100.0	130.0	100.0	140.0	100.0	140.0
72"		100.0	140.0	100.0	140.0			100.0	140.0	100.0	140.0
78"		100.0	140.0	100.0	140.0	_	_	100.0	140.0	100.0	140.0
84"		100.0	140.0	100.0	140.0	-	_	100.0	140.0	100.0	140.0
42"		100.0	140.0	100.0	140.0	100.0	130.0	100.0	140.0	100.0	140.0
48"		100.0	140.0	100.0	140.0	100.0	130.0	100.0	140.0	100.0	140.0
54"	96"	100.0	140.0	100.0	140.0	100.0	130.0	100.0	140.0	100.0	140.0
60"	96	100.0	140.0	100.0	140.0	100.0	130.0	100.0	140.0	100.0	140.0
66"		100.0	140.0	100.0	140.0	_	_	100.0	140.0	100.0	140.0
72 <b>"</b>		100.0	140.0	100.0	140.0		_	100.0	140.0	100.0	140.0
42"		100.0	140.0	100.0	140.0	100.0	130.0	100.0	140.0	100.0	140.0
48"		100.0	140.0	100.0	140.0	100.0	130.0	100.0	140.0	100.0	140.0
54"	108"	100.0	140.0	100.0	140.0		-	100.0	140.0	100.0	140.0
60"		100.0	140.0	100.0	140.0	_	-	100.0	140.0	100.0	140.0
66"		100.0	140.0	100.0	140.0	_	-	100.0	140.0	100.0	140.0
42"		100.0	140.0	100.0	140.0	100.0	129.1	100.0	140.0	100.0	140.0
48"	120"	100.0	140.0	100.0	140.0	100.0	114.4	100.0	140.0	100.0	140.0
54"	120"	100.0	140.0	100.0	140.0		-	100.0	139.5	100.0	140.0
60"		100.0	140.0	100.0	140.0	_		100.0	127.7	100.0	140.0
42"	170"	100.0	140.0	100.0	140.0	_	-	-	-	100.0	140.0
48"	132"	100.0	139.5	100.0	140.0	-	_	-	-	100.0	140.0
42"	144"	100.0	120.5	100.0	140.0	-	-		_	100.0	140.0
48"	144"	100.0	106.5	100.0	140.0		_		-	100.0	135.0

11111 W1 11111 11/11 11/f/ W3 WIDTH (W) = W1AT FRAME JAMB W2 + W3

Ix IN^4 Sx IN^3 15.7335 5.2354 5.3334 2.6667

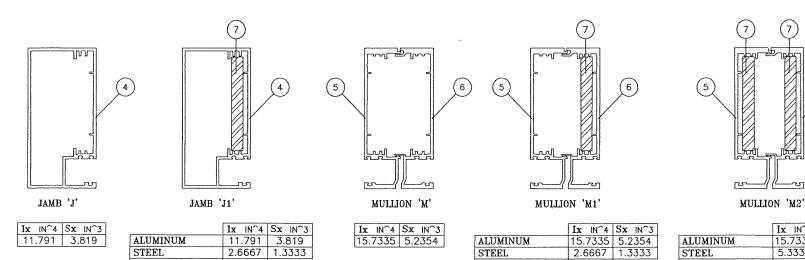
WIDTH (W) =AT FRAME MULLION

ALUMINUM

TOTAL ix ALUM + Ix STL X 2.9 31.0472

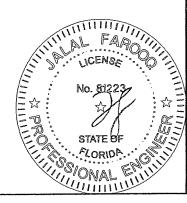
STEEL

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



ALUMINUM STEEL TOTAL
ix ALUM + ix STL X 2.9 23.3904 Approved as complying with the Florida Building Code
Date 5 27 2 1
NOA# 20-022 4.0 4
Miami Dade Product Control

MAY 12 2021



Control   Cont
date: 02-18-20
date: 02-18-20
111111111111111111111111111111111111
date: 02-18-20 scale: - dr. by: TARIQ chk. by:

sheet 3 of 9

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33.173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978

ALUMINUM

ix ALUM + ix STL X 2.9 19.4479

STEEL

LOWER CAPACITY OF JAMBS 'J' OR 'J1' AND MULLION 'M', 'M1' OR 'M2' SHALL CONTROL WHEN USED IN COMBINATION.

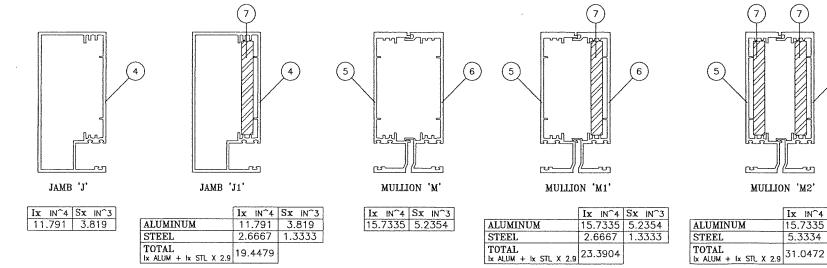
JAMB & MULLION LOAD CAPACITY - PSF  JAMBS & MULLIONS WITH INTERMEDIATE HORIZONTALS											
NOMIN	AL DIMS.	JAMI	3 'J'	JAMB 'J1'		MULL 'M'		MULL 'M1'		MULL 'M2'	
WIDTH (W)	FRAME HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
42"		100.0	140.0	100.0	140.0	100.0	130.0	100.0	140.0	100.0	140.0
48"		100.0	140.0	100.0	140.0	100.0	130.0	100.0	140.0	100.0	140.0
54 <b>"</b>		100.0	140.0	100.0	140.0	100.0	130.0	100.0	140.0	100.0	140.0
60"	84"	100.0	140.0	100.0	140.0	100.0	130.0	100.0	140.0	100.0	140.0
66"	84	100.0	140.0	100.0	140.0	100.0	130.0	100.0	140.0	100.0	140.0
72"	:	100.0	140.0	100.0	140.0	_	-	100.0	140.0	100.0	140.0
78"		100.0	140.0	100.0	140.0	_	-	100.0	140.0	100.0	140.0
84"		100.0	140.0	100.0	140.0	_	-	100.0	140.0	100.0	140.0
42"		100.0	140.0	100.0	140.0	100.0	130.0	100.0	140.0	100.0	140.0
48"		100.0	140.0	100.0	140.0	100.0	130.0	100.0	140.0	100.0	140.0
54"	0.07	100.0	140.0	100.0	140.0	100.0	130.0	100.0	140.0	100.0	140.0
60"	96"	100.0	140.0	100.0	140.0	100.0	130.0	100.0	140.0	100.0	140.0
66"		100.0	140.0	100.0	140.0			100.0	140.0	100.0	140.0
72"		100.0	140.0	100.0	140.0	-	-	100.0	140.0	100.0	140.0
42"		100.0	140.0	100.0	140.0	100.0	130.0	100.0	140.0	100.0	140.0
48"		100.0	140.0	100.0	140.0	100.0	130.0	100.0	140.0	100.0	140.0
54"	108"	100.0	140.0	100.0	140.0	-	-	100.0	140.0	100.0	140.0
60"		100.0	140.0	100.0	140.0	_	-	100.0	140.0	100.0	140.0
66"		100.0	140.0	100.0	140.0	_		100.0	131.7	100.0	140.0
42"		100.0	140.0	100.0	140.0	100.0	124.0	100.0	140.0	100.0	140.0
48"	100"	100.0	140.0	100.0	140.0	100.0	108.5	100.0	140.0	100.0	140.0
54"	120"	100.0	140.0	100.0	140.0	_	-	100.0	130.3	100.0	140.0
60"		100.0	138.8	100.0	140.0	_	-	100.0	117.3	100.0	140.0
42"	170"	100.0	140.0	100.0	140.0	-	-	-	-	100.0	140.0
48"	132"	100.0	132.6	100.0	140.0	-	_	_	_	100.0	140.0
42"	144"	100.0	116.7	100.0	140.0		_	_	-	100.0	140.0
48"	144"	100.0	102.1	100.0	140.0	-	-	-		100.0	131.2

\_\_INTERMEDIATE \ HORIZONTALS 11111 W1 INTERMEDIATE HORIZONTALS HEIGHT 11111 11111 111111 W1 W2 W3 WIDTH (W) = W1

AT FRAME JAMB

W2 + W3WIDTH(W) =AT FRAME MULLION

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



SHALL CONTROL WHEN USED IN COMBINATION.

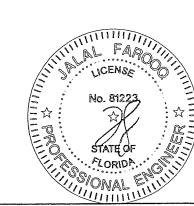
LOWER CAPACITY OF JAMBS 'J' OR 'J1' AND MULLION 'M', 'M1' OR 'M2'

NOTE:

Approved as complying with the Florida Building Code
Date 5/27/2/
NOA# 20-0224.04
Miami Dade Product Control MULLION 'M2'

Ix IN<sup>4</sup> Sx IN<sup>3</sup> 15.7335 5.2354 5.3334 2.6667

MAY 12 2021



Control   Cont
date: 02-18-20 from the color of the color o
date: 02-18-20 from the color of the color o
drawing no.
$\begin{array}{c c} \hline \text{drawing} & \text{no.} \\ \hline 20-16D \\ \hline \end{array}$
20-16D

(sheet 4 of 9

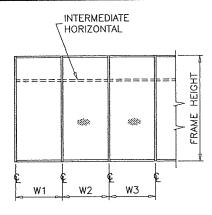
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 331.73 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978

(S.M.I.) LLC.

SERIES 1050 ALUM WINDOW WALL SYS.

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

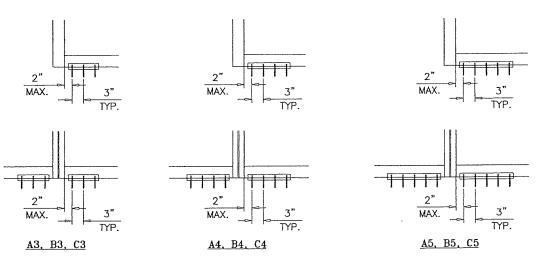
	HEAD/SI		R DESIGN EXT.(+) & I	LOAD CAI NT.(-)	PACITY -	PSF	
NOMIN	AL DIMS.	ANCHO	ANCHOR TYPES 'B' & 'C'				
WIDTH (W)	FRAME HEIGHT	A3	A4	A5	B3/C3	B4/C4	B5/C5
42"		132.2	140.0	140.0	140.0	140.0	140.0
48"		115.7	140.0	140.0	140.0	140.0	140.0
54"		102.9	137.1	140.0	140.0	140.0	140.0
60"	0.42	92.6	123.4	140.0	133.7	140.0	140.0
66"	84"	84.2	112.2	140.0	121.6	140.0	140.0
72"		77.1	102.9	128.6	111.4	140.0	140.0
78 <b>"</b>		71.2	94.9	118.7	102.9	137.1	140.0
84"		66.1	88.2	110.2	95.5	127.3	140.0
42"		115.7	140.0	140.0	140.0	140.0	140.0
48"		101.3	135.0	140.0	140.0	140.0	140.0
54"	0.07	90.0	120.0	140.0	130.0	140.0	140.0
60"	96"	81.0	108.0	135.0	117.0	140.0	140.0
66"		73.6	98.2	122.7	106.4	140.0	140.0
72"		67.5	90.0	112.5	97 <i>.</i> 5	130.0	140.0
42"		102.9	137.1	140.0	140.0	140.0	140.0
48"		90.0	120.0	140.0	130.0	140.0	140.0
54"	108"	80.0	106.7	133.3	115.6	140.0	140.0
60"		72.0	96.0	120.0	104.0	138.7	140.0
66"		65.5	87.3	109.1	94.5	126.1	140.0
42"		92.6	123.4	140.0	133.7	140.0	140.0
48"	120"	81.0	108.0	135.0	117.0	140.0	140.0
54"	120	72.0	96.0	120.0	104.0	138.7	140.0
60"		64.8	86.4	108.0	93.6	124.8	140.0
42"	132"	84.2	112.2	140.0	121.6	140.0	140.0
48"	132	73.6	98.2	122.7	106.4	140.0	140.0
42"	144"	77.1	102.9	128.6	111.4	140.0	140.0
48"	177	67.5	90.0	112.5	97.5	130.0	140.0



WIDTH (W) = W1AT FRAME JAMB

WIDTH (W) = 
$$\frac{\text{W2 + W3}}{2}$$

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



Approved as complying with the Florida Building Code
Date 5/27/2/
NOA# 20-0224.04 Miami Dade Product Control

MAY 12 2021

885-5902

SERIES 1050 ALUM WINDOW WALL SYS.

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

revisions:
no date by description
a 06.19.20 NO CHANCE THIS

drawing

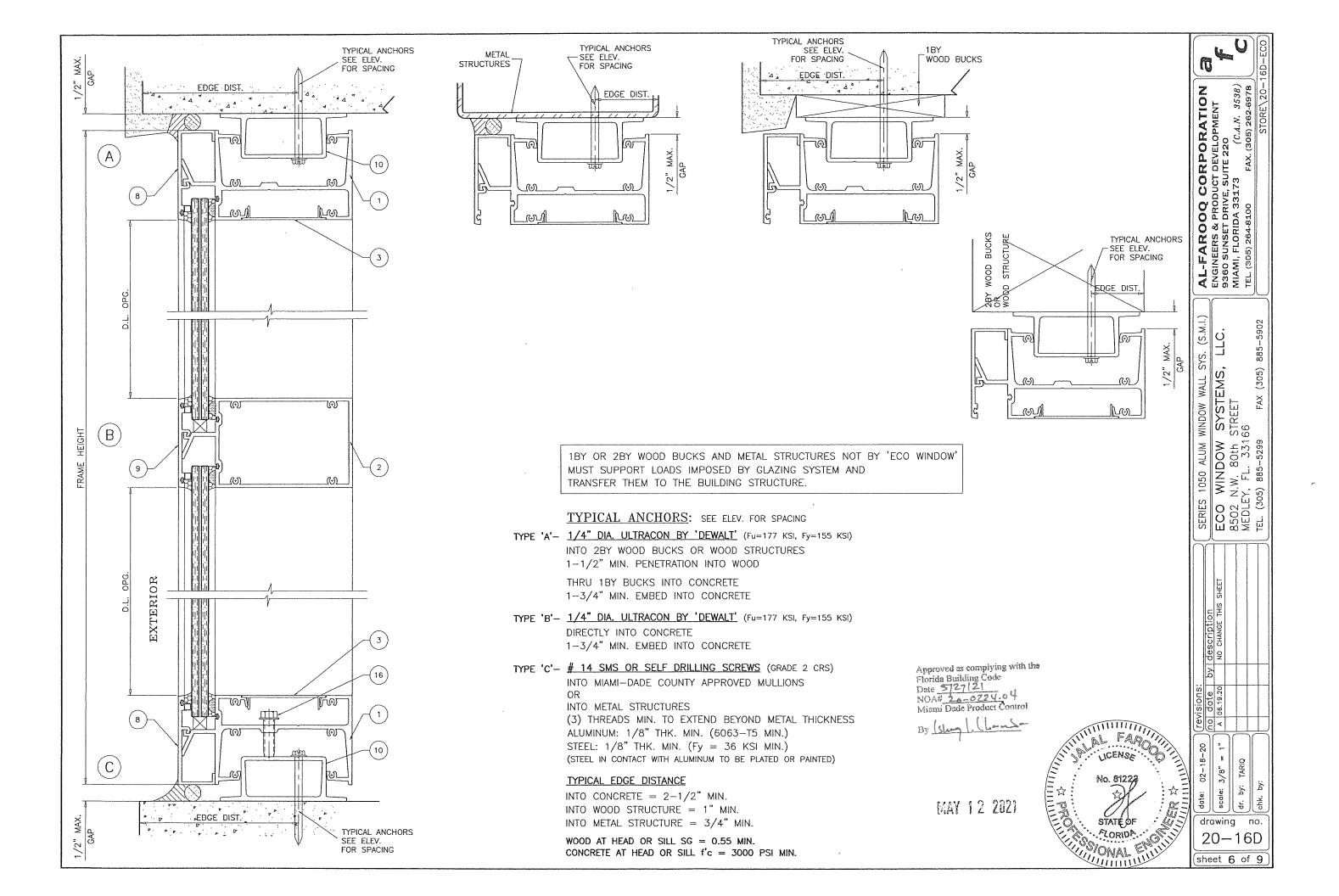
20-16D

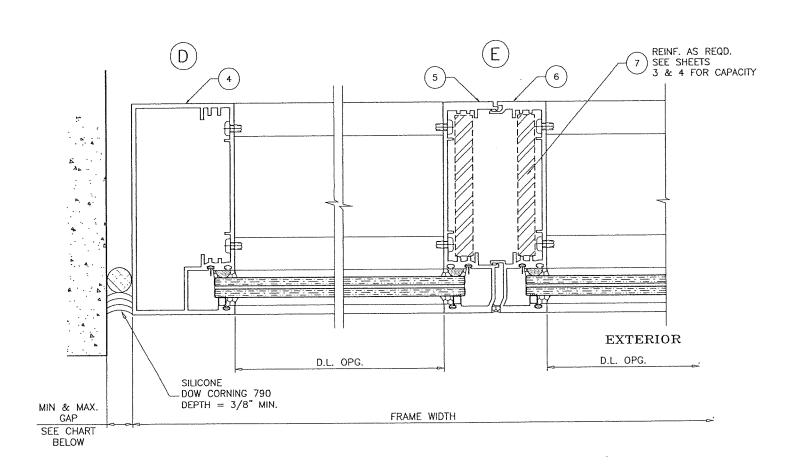
sheet 5 of 9

no.

ANCHORS TYPES: SEE SHEET 6 FOR DESCRIPTION

A3=(3) ANCHORS TYPE 'A' AT EACH SIDE OF JAMB AND MULLION B3=(3) ANCHORS TYPE 'B' AT EACH SIDE OF JAMB AND MULLION C3=(3) ANCHORS TYPE 'C' AT EACH SIDE OF JAMB AND MULLION A4=(4) ANCHORS TYPE 'A' AT EACH SIDE OF JAMB AND MULLION B4=(4) ANCHORS TYPE 'B' AT EACH SIDE OF JAMB AND MULLION C4=(4) ANCHORS TYPE 'C' AT EACH SIDE OF JAMB AND MULLION A5=(5) ANCHORS TYPE 'A' AT EACH SIDE OF JAMB AND MULLION B5=(5) ANCHORS TYPE 'B' AT EACH SIDE OF JAMB AND MULLION C5=(5) ANCHORS TYPE 'C' AT EACH SIDE OF JAMB AND MULLION





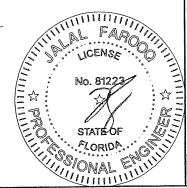
MAX. FRAME	GAP				
HEIGHT	MIN.	MAX.			
78"	1/4"	3/4"			
96"	5/16"	3/4"			
120"	3/8"	3/4"			
144"	1/2"	3/4"			

MAX. MOVEMENT CONSIDERED=100% STRETCH. PLEASE REFER TO SEALANT MANUFACTURER'S DATA AND APPLICATION MANUAL FOR COMPATABILITY OF SEALANT TO SUBSTRATE & WINDOWALL MATERIAL/FINISH AND COMPLIANCE FOR WARRANTY. REFER TO ACI-117-10 FOR CONSTRUCTION TOLERANCES.

ALTERNATE SEALANTS AT JAMB GAPS CAN BE DESIGNED BY ENGINEER OF RECORD BASED ON MANUFACTURER GUIDE LINES.

GAPS LESS THAN 1/4" MAY BE DESIGNED BY ENGINEER OF RECORD BY THE USE OF BOND BREAKER TAPE OR 15% OF GAP ALLOWED MOVEMENT. Approved as complying with the Florida Building Code
Date 5|27|2|
NOA# 20-0224.04
Miami Dade Product Control

MAY 12 2021



NATIONAL PROPERTY OF THE PERSONS AND ADDRESS AND ADDRESS OF THE PERSONS AND ADDRESS AND AD		on	NO CHANGE THIS SHEET					
***************************************		by description	NO CHANGE					
		à						
	revisions:	no date	A 06.19.20					
	(je	00	4					
/	date: 02-18-20		scale: 3/8" = 1"		dr. by: TARIQ	1	×	
	date:		scale:		dr. by:		chk. by:	
/	d	Irc	wing			n		٠
		20	ე-	_	1 (	36	)	

sheet 7 of 9

U

 AL-FAROOQ CORPORATION

 ENGINEERS & PRODUCT DEVELOPMENT

 9360 SUNSET DRIVE, SUITE 220

 MIAMI, FLORIDA 331.73
 (C.A.N. 3538)

 TEL. (305) 264-8100
 FAX. (305) 262-6978

ECO WINDOW SYSTEMS, LLC.
8502 N.W. 80th STREET
MEDLEY, FL. 33166
TEL. (305) 885-5299 FAX (305) 885-5902

