

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208 Miami, FL 33175 T (786) 315–2590 F (786) 315–2599

www.miamidade.gov/economy

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

NOTICE OF ACCEPTANCE (NOA)

Curv-A-Tech Corporation 930 W. 23rd Street Hialeah, FL 33010

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 "300 STD" Aluminum Single Hung Window – N.I.

APPROVAL DOCUMENT: Drawing No. **W98-25**, titled "S-300 (STD) Alum. Single Hung Wdw. (N.I.)", sheets 1 through 5 of 5, dated 03/25/98, with revision **K** dated 09/10/20, 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: None.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, 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 and renews NOA No. 17-1025.08 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Sifang Zhao, P.E.

MIAMI-DADE COUNTY

5,2. 12/31/2020

NOA No. 20-0915.14 Expiration Date: November 12, 2026 Approval Date: December 31, 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 previous NOA's No. 11-0816.07 and 98-0513.06)
- 2. Drawing No. **W98-25**, titled "S-300 (STD) Alum. Single Hung Wdw. (N.I.)", sheets 1 through 5 of 5, dated 03/25/98, with revision **J** dated 10/09/17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, 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 PA 202-94
 - 3) Water Resistance Test, per PA 202-94
 - 4) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94

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

FTL-6515, dated March 18, 2011, signed and sealed by Marlin D. Brinson, P.E. (*Submitted under previous NOA No. 11-0816.07*)

- **2.** Test reports on: 1) Air Infiltration Test, per PA 202-94
 - 2) Uniform Static Air Pressure Test, Loading per PA 202-94 along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No.

FTL-1957 dated February 25, 1998, and Test Report No. **FTL-1962** dated March 16, 1998signed and sealed by Gilbert Diamond, P.E.

(Submitted under previous NOA #06-1204.02)

- 3. Test reports on: 1) Air Infiltration Test, per PA 202-94
 - 2) Uniform Static Air Pressure Test, Loading per PA 202-94
 - 3) Water Resistance Test, per PA 202-94
 - 4) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94

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

FTL-1942 dated March 3, 1998 and Test Report No. FTL-1958 dated March 13, 1998, signed and sealed by Gilbert Diamond, P.E. (Submitted under previous NOA #06-1204.02)

C. CALCULATIONS

- 1. Anchor verification calculations, structural analysis and complying with **FBC** 6th **Edition** (2017), dated 10/06/17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
- 2. Glazing complies with **ASTM E1300–09**

D. QUALITY ASSURANCE

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

00

Sifang Zhao, P.E. Product Control Examiner NOA No. 20-0915.14 Expiration Date: November 12, 2026

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC** 5th **Edition** (2014) and **FBC** 6th **Edition** (2017) and of no financial interest, dated 10/06/17, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

G. OTHERS

1. Notice of Acceptance No. **16-0627.07**, issued to Curv–A–Tech Corporation for their Series "300 STD" Aluminum Single Hung Window – NI, approved on 09/15/16 and expiring on 11/12/21.

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **W98-25**, titled "S-300 (STD) Alum. Single Hung Wdw. (N.I.)", sheets 1 through 5 of 5, dated 03/25/98, with revision **K** dated 09/10/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

B. TESTS

1. None

C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with **FBC** 6th **Edition** (2017) and **FBC** 7th **Edition** (2020) dated 09/08/20, 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. None.

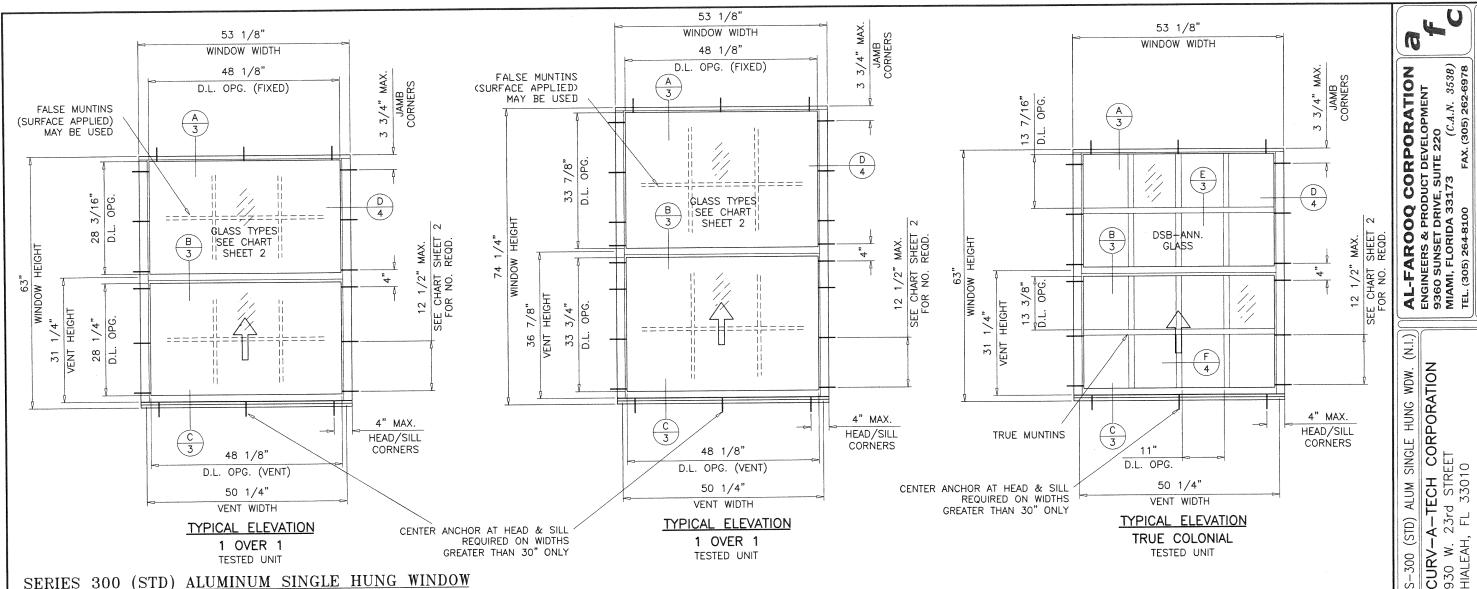
F. STATEMENTS

1. Statement letter of conformance to **FBC 6th Edition** (2017) and **FBC 7th Edition** (2020) dated 09/08/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

G. OTHERS

1. Notice of Acceptance No. **17-1025.08**, issued to Curv–A–Tech Corporation for their Series "300 STD" Aluminum Single Hung Window – NI, approved on 01/04/18 and expiring on 11/12/21.

Sifang Zhao, P.E.
Product Control Examiner
NOA No. 20-0915.14
Expiration Date: November 12, 2026
Approval Date: December 31, 2020



SERIES 300 (STD) ALUMINUM SINGLE HUNG WINDOW

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF S.H./S.H. OR SINGLE HUNG 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 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)'

DAY LIGHT OPG. DIM	ENSIONS 1/1 WDW.		
WINDOW WIDTHS	D. L. OPENINGS		
19-1/8"	14-1/8"		
26-1/2"	21-1/2"		
37"	32"		
53-1/8	48-1/8		

DAY LIGHT OPG. DIMI	ENSIONS 1/1 WDW.				
WINDOW HEIGHTS	D. L. OPENINGS				
26"	9-3/4"				
38-3/8"	15-15/16"				
50-5/8"	22-1/16"				
56"	24-3/4"				
63"	28-1/4"				
74-1/4"	33-7/8"				

DAY LIGHT OPG. DIMENSIONS TRUE COLONIAL WDW

D.L. OPENING MAX. WIDTH = 11"

D.L. OPENING MAX. HEIGHT = 13-7/16"

WINDOWS NOT RATED FOR IMPACT.

INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA REQUIRES THE USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES COMPLYING WITH HVHZ REQUIREMENTS.

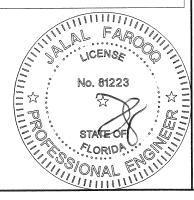
INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA SHALL MEET THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

> THIS NOA IS NOT VALID WITHOUT CORPORATE SEAL OF CURV-A-TECH CORPORATION AND A LABEL AFFIXED.

PRODUCT REVISED as complying with the Florida Building Code 20-0915.14 NOA-No.

Expiration Date 11/12/2026

Miami-Dade Product Control



	03-25-98	1/2"=1-0"	TARIQ	
-	date:	scale:	dr. by:	-

by description
EDITORIAL CHANGES
NO CHANGE THIS SHE
UPDATED TO 2017 FE

date 06.10.16 08.26.16 10.09.17 09.10.20

O

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

CURV-A-TECH CORPORATION 930 W. 23rd STREET HIALEAH, FL 33010

drawing no. W98

sheet 1 of 5

DEC 0 2 2020

DESIGN LOAD CAPACITY - PSF										
			1 OVER 1					TRUE COLONIAL		
WINDOW DIMS.		NUMBER OF	DSB-ANNEALED GLASS		3/16"-ANNEALED GLASS		1/4"-ANNEALED GLASS		DSB-ANNEALED GLASS	
WIDTH	HEIGHT	ANCHORS/JAMB	EXT. (+)	1NT. (-)	EXT. (+)	1NT. (-)	EXT. (+)	1NT. (-)	EXT. (+)	1NT. (-)
19-1/8"	26"	4	55.3	78.0	55.3	90.0	55.3	90.0	53.3	78.0
26-1/2"		4	55.3	78.0	55.3	90.0	55.3	90.0	53.3	78.0
37"		4	55.3	78.0	55.3	90.0	55.3	90.0	53.3	78.0
53-1/8		4	55.3	77.7	55.3	90.0	55.3	90.0	53.3	78.0
19-1/8"		6	55.3	78.0	55.3	90.0	55.3	90.0	53.3	78.0
26-1/2"		6	55.3	78.0	55.3	90.0	55.3	90.0	53.3	78.0
37"	38-3/8"	6	55.3	77.7	55.3	90.0	55.3	90.0	53.3	78.0
53-1/8		6	55.2	55.2	55.3	76.7	55.3	76.7	53.3	64.8
19-1/8"		6	55.3	78.0	55.3	90.0	55.3	90.0	53.3	78.0
26-1/2"	- (- 1)	6	55.3	78.0	55.3	90.0	55.3	90.0	53.3	78.0
37"	50-5/8"	6	55.3	68.2	55.3	90.0	55.3	90.0	53.3	78.0
53-1/8		6	40.1	40.1	55.3	62.6	55.3	62.6	52.9	52.9
19-1/8"		6	55.3	78.0	55.3	90.0	55.3	90.0	53.3	78.0
26-1/2"		6	55.3	78.0	55.3	90.0	55.3	90.0	53.3	78.0
37"	58"	6	55.3	63.2	55.3	90.0	55.3	90.0	53.3	78.0
53-1/8		6	39.2	39.2	55.3	57.3	55.3	57.3	48.3	48.3
19-1/8"		6	55.3	78.0	55.3	90.0	55.3	90.0	53.3	78.0
26-1/2"		6	55.3	78.0	55.3	90.0	55.3	90.0	53.3	78.0
37"	63"	6	55.3	59.1	55.3	90.0	55.3	90.0	53.3	78.0
53-1/8		6	38.8	38.8	54.5	54.5	54.5	54.5	46.0	46.0
19-1/8"		8	55.3	78.0	55.3	90.0	55.3	90.0	53.3	78.0
26-1/2"		8	55.3	64.3	55.3	90.0	55.3	90.0	53.3	78.0
37"	74-1/4"	8	51.3	51.3	55.3	85.1	55.3	90.0	53.3	78.0
53-1/8		8	_		50.0	50.0	50.0	50.0		

DSB ANNEALED GLASS OR MIN. GLASS BITE FOR 3/16" & 1/4" GLASS 5/16" FOR DSB GLASS -3/16" ANNEALED GLASS OR 1/4" ANNEALED GLASS SILICONE OSI HM-270 OR OCI ORGASIL 2000 3/8" AT 1/4 POINTS ON LITES WIDER THAN 36" ONLY GLAZING DETAIL

NOTE: GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

> PRODUCT REVISED
> as complying with the Florida
> Building Code NOA-No. 20-0915.14

Expiration Date <u>11/12/2026</u>

Miami-Dade Product Control



DEC 0 2 2020

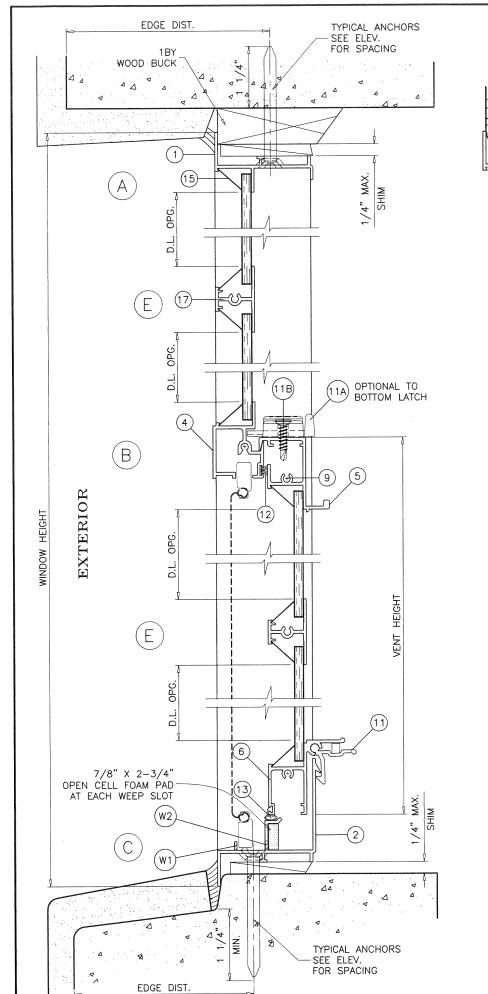
No. 81223 STATE OF STATE	

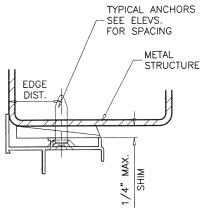
	by description	EDITORIAL CHANGES	NO CHANGE THIS SHEET	NO CHANGE THIS SHEET	UPDATED TO 2020 FBC	
	by d	8	N ON	S	an B	
revisions:	date	Н 06.10.16	08.26.16	10.09.17	K 09.10.20	
rev	u O L	I		٦	¥	Ų
date: 03-25-98		scale: 1/2"=1-0"		dr. by: TARIQ		chk. by:
] ra	wi		Þ	no	\equiv
W98-25						
st		_+	2	0	£	5)

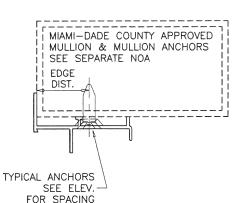
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33.173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978

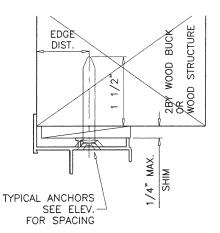
S-300 (STD) ALUM SINGLE HUNG WDW. (N.I.)

CURV—A—TECH CORPORATION
930 W. 23rd STREET
HIALEAH, FL 33010
TEL. (305) 888–9631 FAX. (305) 888–9969









WOOD BUCKS AND METAL STRUCTURE NOT BY 'CURV-A-TECH' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

SEALANTS:

FRAME CORNERS, FRAME SILL INSTALLATION SCREWS, VENT CORNER SEAMS AND FIXED MEETING RAIL AT END SEALED WITH 'SCHNEE MOREHEAD SM 5504' SEALANT. OR EQUIVALENT

WEEP HOLES:

MAX

TYPICAL ANCHORS

SEE ELEV.

FOR SPACING

1BY

D

EDGE DIST.

WOOD BUCK

W1 = 1-1/2" LONG WEEP NOTCH AT 2-3/4" FROM EACH END

W2 = 1-3/4" X 3/16" WEEP HOLE AT 3-1/2" FROM EACH END

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI) INTO 2BY WOOD BUCKS OR WOOD STRUCTURES 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)

THRU 1BY BUCKS INTO CONC. OR BLOCKS 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS) 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

DIRECTLY INTO CONCRETE OR BLOCKS 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS) 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS) INTO METAL STRUCTURES (HEAD/SILL/JAMBS)

(3) THREADS MIN. PENETRATION BEYOND SUBSTRATE ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.) STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.) (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

#12 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (NO SHIM SPACE)

(3) THREADS MIN. PENETRATION BEYOND SUBSTRATE ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.) STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.) (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2-1/2" MIN. INTO WOOD STRUCTURE = 1" MIN. INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN. CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN. C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

PRODUCT REVISED as complying with the Florida Building Code **NOA-No.** 20-0915.14

Miami-Dade Product Control



STATE OF STA

description
EDITORIAL CHANG
NO CHANGE THIS
UPDATED TO 201
UPDATED TO 202 | New York 03-25-98 1/2" | 뉴 || 충 drawing no. W98-25 sheet 3 of 5

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

(: Z)

WDW.

HUNG

SINGLE

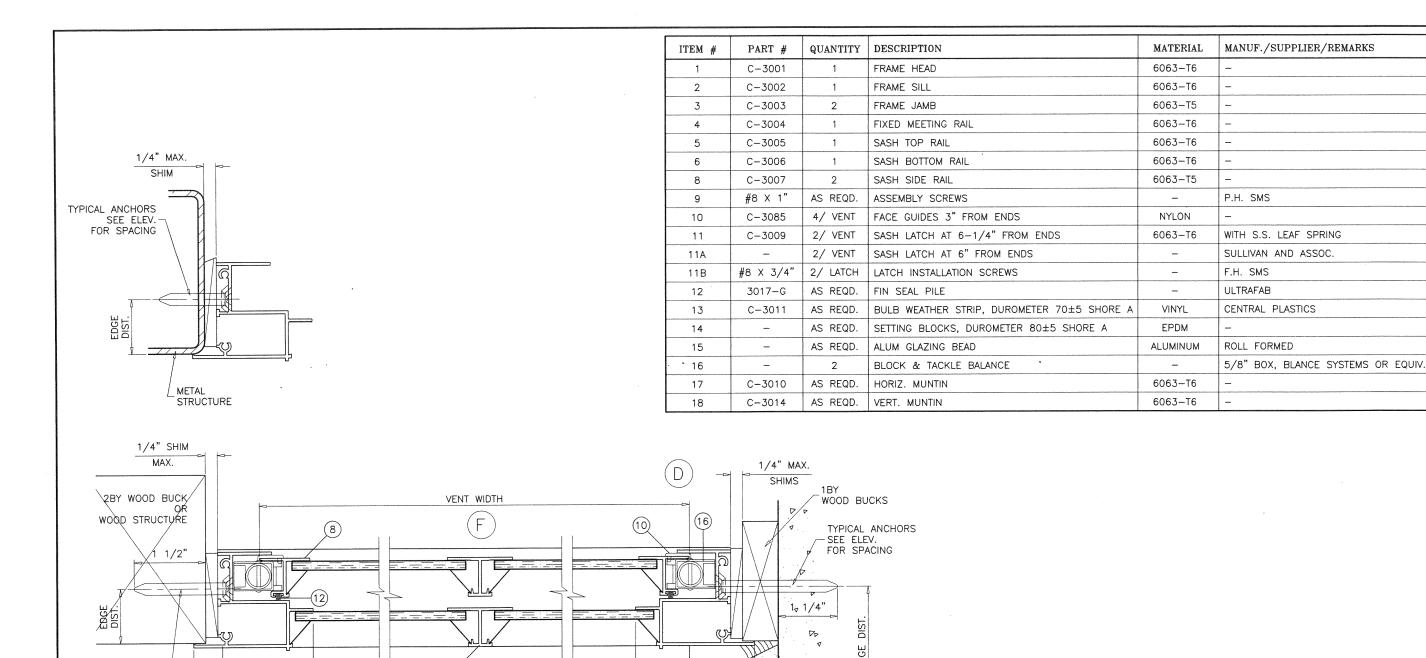
S-300 (STD) ALUM

-TECH CORPORATION
3rd STREET
FL 33010

/_A_. W. 23rd

CURV-A 930 W. 2 HIALEAH,

HEC 0 2 2020 **Expiration Date** 11/12/2026



(3)

PRODUCT REVISED as complying with the Florida Building Code **NOA-No.** 20-0915.14

Expiration Date 11/12/2026

Miami-Dade Product Control

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 (E.K.) CURV—A—TECH CORPORATION 930 W. 23rd STREET HIALEAH, FL 33010 TEL. (305) 888–9631 FAX. (305) 888–99 S-300 (STD) ALUM SINGLE HUNG WDW.

by description

EDITORIAL CHANGES

REV. PER RER COMMENTS

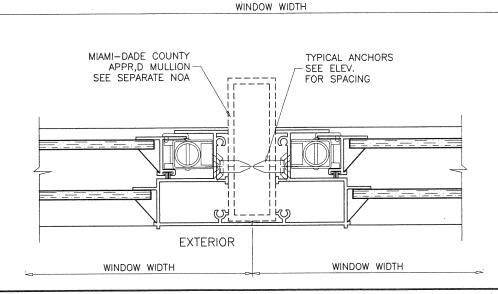
NO CHANGE THIS SHEET

UPDATED TO 2020 FBC revisions:
no date
h 06.10.16
i 08.26.16
J 10.09.17
k 09.10.20

03-25-98 by: å. drawing

no.

W98-25 sheet 4 of 5



D.L. OPG.

EXTERIOR

TYPICAL ANCHORS SEE ELEV. FOR SPACING

(1)

