



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

NOTICE OF ACCEPTANCE (NOA)

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

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 "940" Aluminum Horizontal Rolling Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. **W07-59**, titled "Series-940 Alum. Horizontal Rolling Wdw. (L.M.I.)", sheets 1 through 6 of 6, dated 08/06/07, with revision **F** dated 09/10/20, 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: Large and Small Missile Impact Resistant

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.

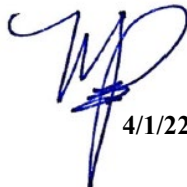
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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 **renews NOA No. 20-0915.15** and consists of this page 1 and evidence pages E-1, E-23 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**




4/1/22

NOA No. 22-0317.03
Expiration Date: September 27, 2027
Approval Date: April 14, 2022
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. 07-0813.08)
2. Drawing No. **W07-59**, titled "Series-940 Alum. Horizontal Rolling Wdw. (LMI.)", sheets 1 through 6 of 6, dated 08/06/07, with revision **F** dated 09/10/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
(Submitted under NOA No. 20-0915.15)

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
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of a horizontal rolling window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-8918**, dated 05/18/16, signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 16-0831.03)
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, TAS 202-94
along with marked-up drawings and installation diagram of a horizontal rolling window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5262**, dated 07/14/07, signed and sealed by Carlos S. Rionda, P.E.
(Submitted under NOA No. 07-0813.08)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 6th Edition (2017)** and **FBC 7th Edition (2020)** dated 08/24/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
(Submitted under NOA No. 20-0915.15)


Manuel Perez, P.E.
Product Control Examiner
NOA No. 22-0317.03
Expiration Date: September 27, 2027
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Curv-A-Tech Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

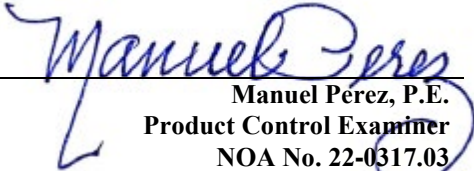
1. Notice of Acceptance No. **20-0622.03** issued to **Eastman Chemical Company (MA)** for their "**Saflex Storm - Saflex and Saflex HP Composite Glass Interlayers with PET Core**" dated 08/06/20, expiring on 12/11/23
2. Notice of Acceptance No. **18-0619.01** issued to **Polymer Extrusion Technology, Inc.** dba Glasslam for their "**Glasslam Safety-Plus II Glass Interlayer**" dated 07/26/18, expiring on 08/07/23.
3. Notice of Acceptance No. **20-0915.19** issued to **Kuraray America, Inc.** for their "**SentryGlas® (Clear and White) Glass Interlayers**" dated 11/19/20, expiring on 07/04/23.
4. Notice of Acceptance No. **20-0622.01** issued to **Eastman Chemical Company (MA)** for their "**Saflex Clear and Color Glass Interlayers**" dated 08/06/20, expiring on 05/21/21.

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.
(Submitted under NOA No. 20-0915.15)

G. OTHERS

1. Notice of Acceptance No. **17-1025.09**, issued to Curv-A-Tech Corporation for their Series "940" Aluminum Horizontal Rolling Window - L.M.I., approved on 01/04/18 and expiring on 09/27/22.


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 22-0317.03
Expiration Date: September 27, 2027
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Curv-A-Tech Corporation

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

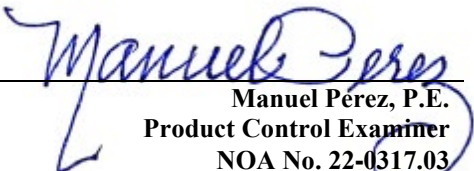
1. Notice of Acceptance No. **20-0622.02** issued to **Eastman Chemical Company (MA)** for their “**Saflex HP Clear or Color Glass Interlayers**” dated 08/06/20, expiring on 04/14/23.
2. Notice of Acceptance No. **18-0619.01** issued to **Polymer Extrusion Technology, Inc.** dba Glasslam for their “**Glasslam Safety-Plus II Glass Interlayer**” dated 07/26/18, expiring on 08/07/23.
3. Notice of Acceptance No. **20-0915.19** issued to **Kuraray America, Inc.** for their “**SentryGlas® (Clear and White) Glass Interlayers**” dated 11/19/20, expiring on 07/04/23.
4. Notice of Acceptance No. **21-0216.01** issued to **Eastman Chemical Company (MA)** for their “**Saflex PVB Interlayers - Clear and Colored for Glass**” dated 04/29/21, expiring on 05/21/26.

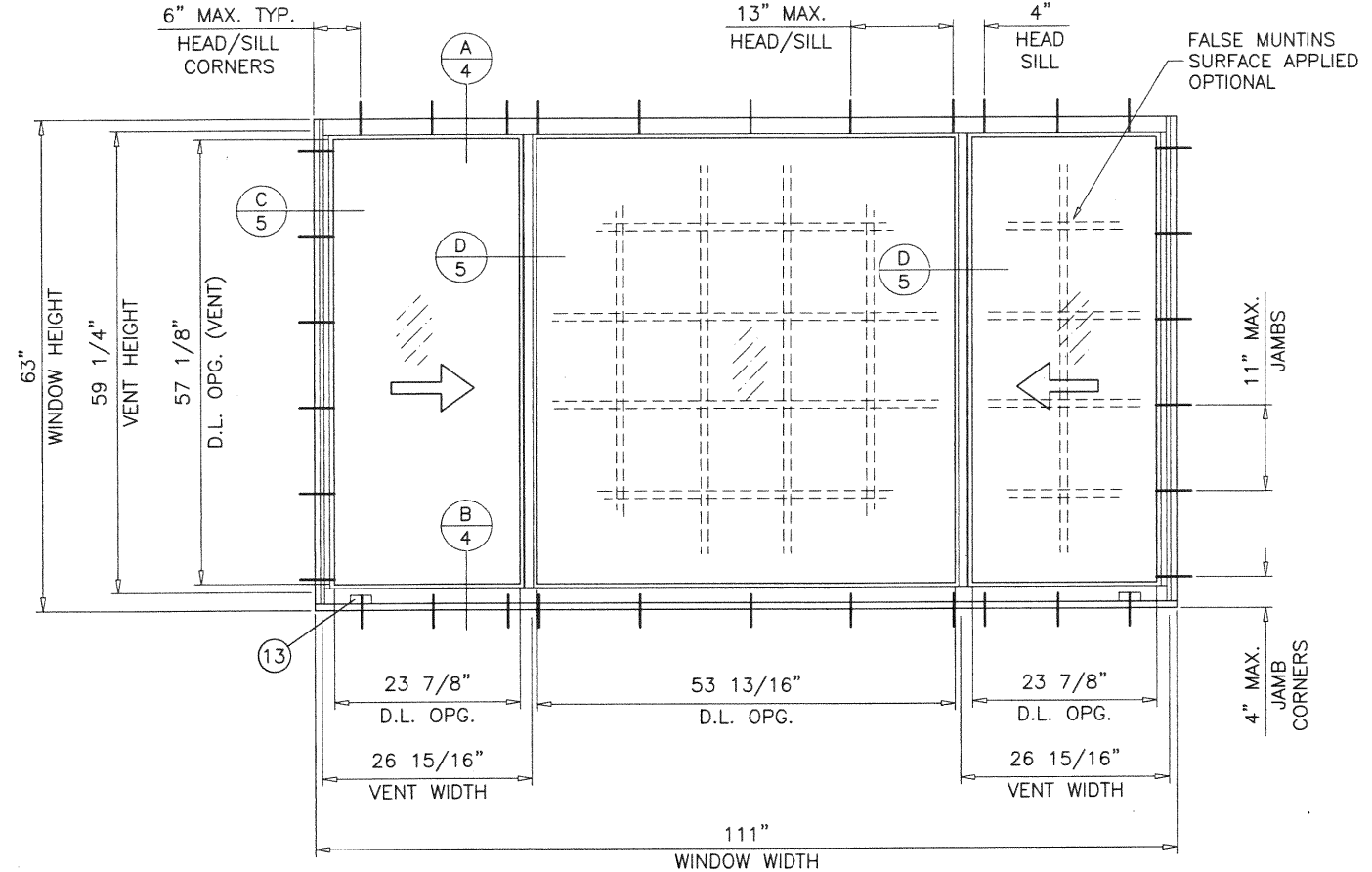
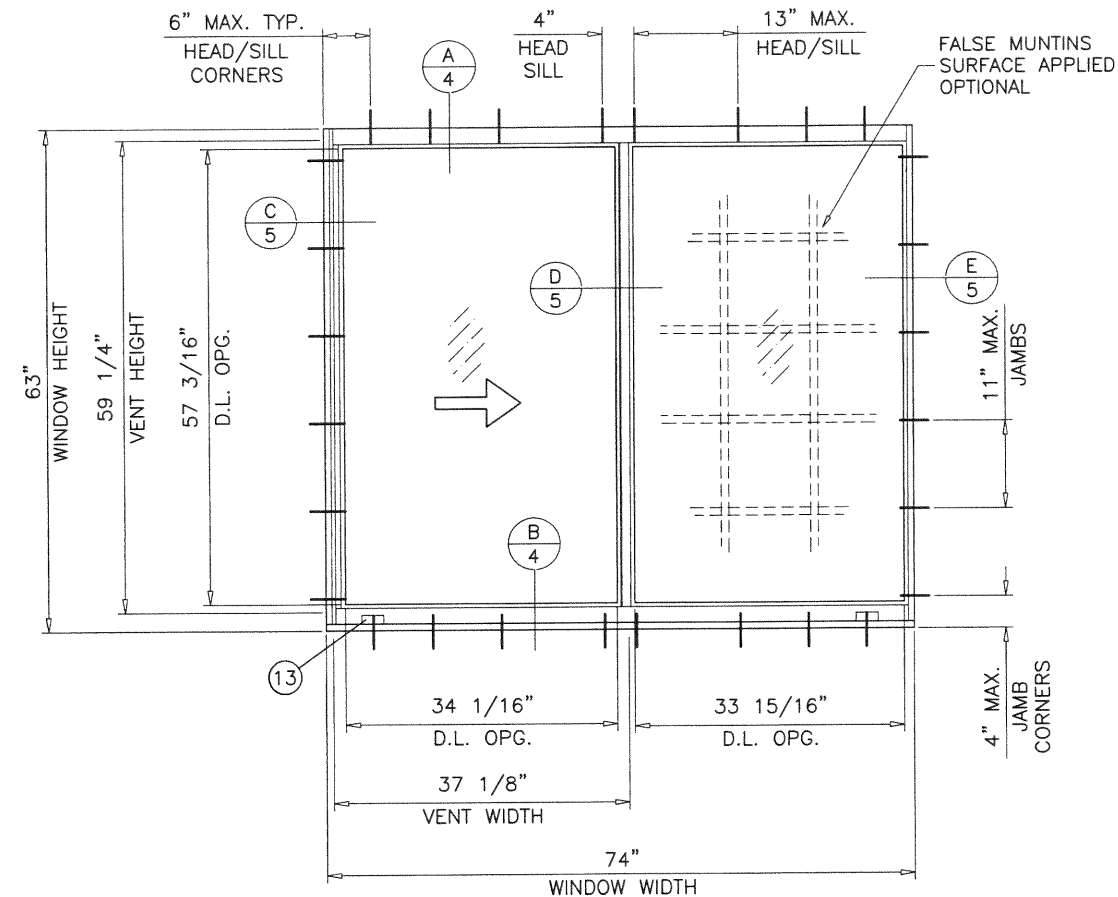
F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 7th Edition (2020)** and of no financial interest, dated March 04, 2022, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

G. OTHERS

1. Notice of Acceptance No. **20-0915.15**, issued to Curv-A-Tech Corporation for their Series “940” Aluminum Horizontal Rolling Window – L.M.I., approved on 12/31/20 and expiring on 09/27/22.


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 22-0317.03
Expiration Date: September 27, 2027
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TYPICAL ELEVATIONS
TESTED UNITS

SERIES-940
ALUMINUM HORIZONTAL SLIDING WINDOW

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

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF H.R./H.R. OR HORIZ. 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)'.

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

PRODUCT RENEWED
as complying with the Florida
Building Code

NOA-No. **22-0317.03**

Expiration Date: **09/27/2027**

By: *Manuel Perez*

Miami-Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code

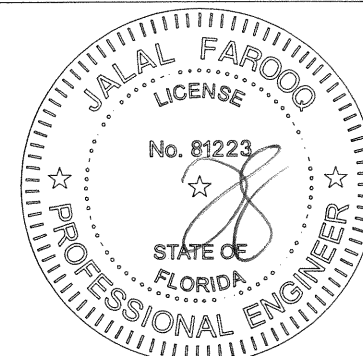
NOA-No. **20-0915.15**

Expiration Date **09/27/2022**

By: *CS*

Miami-Dade Product Control

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



DEC 02 2020

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3558)
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W07-59CC

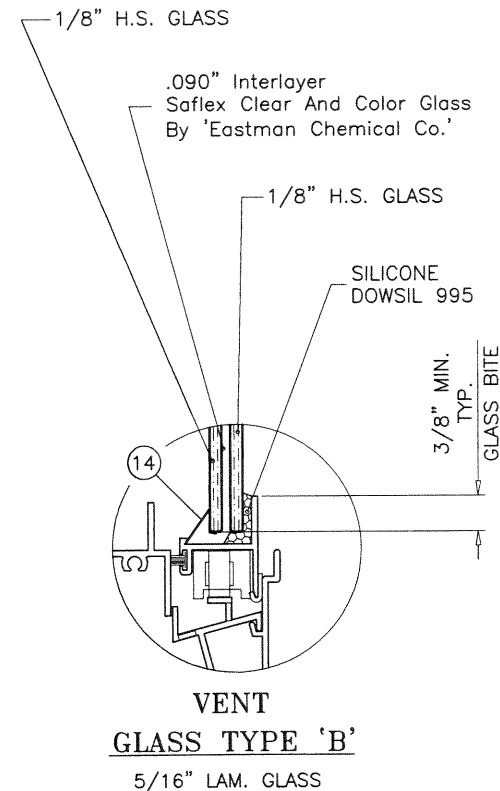
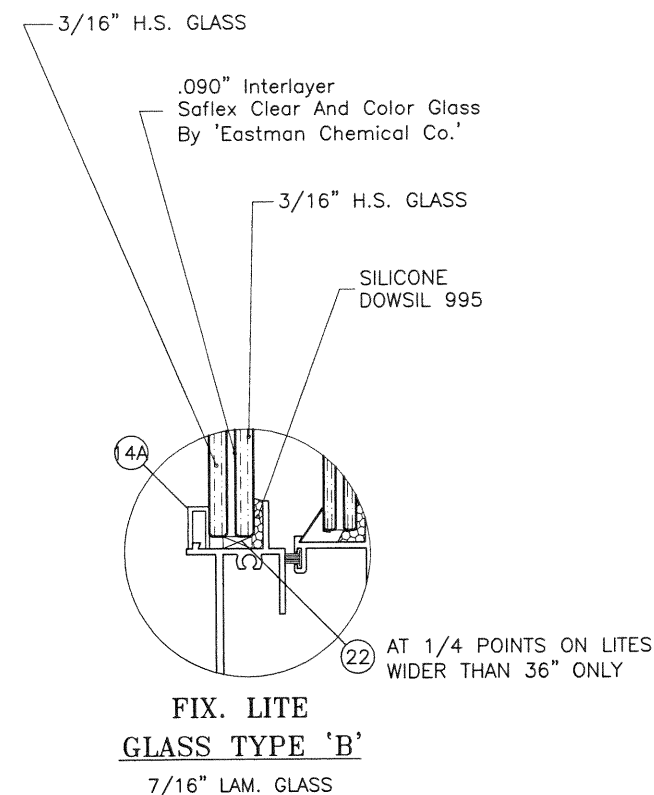
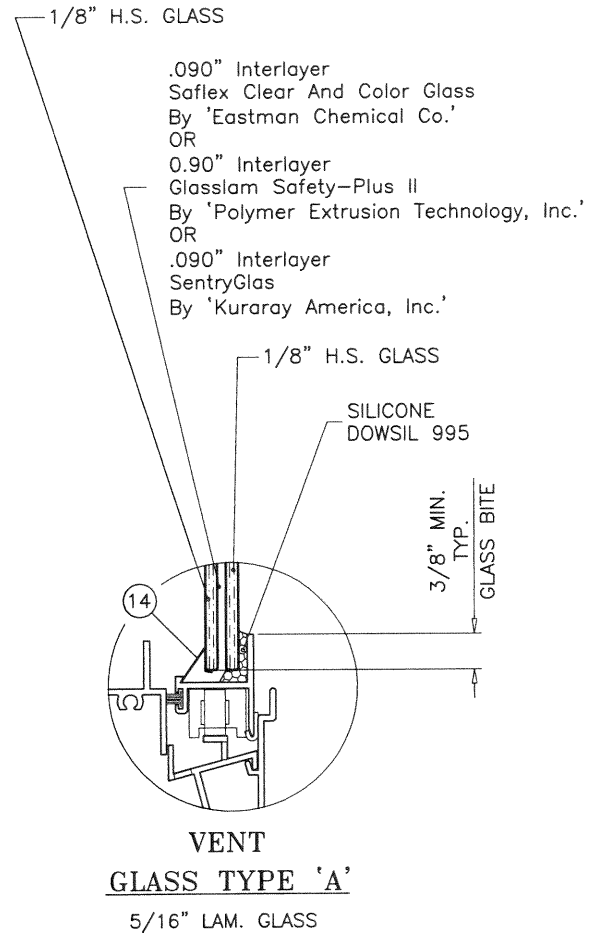
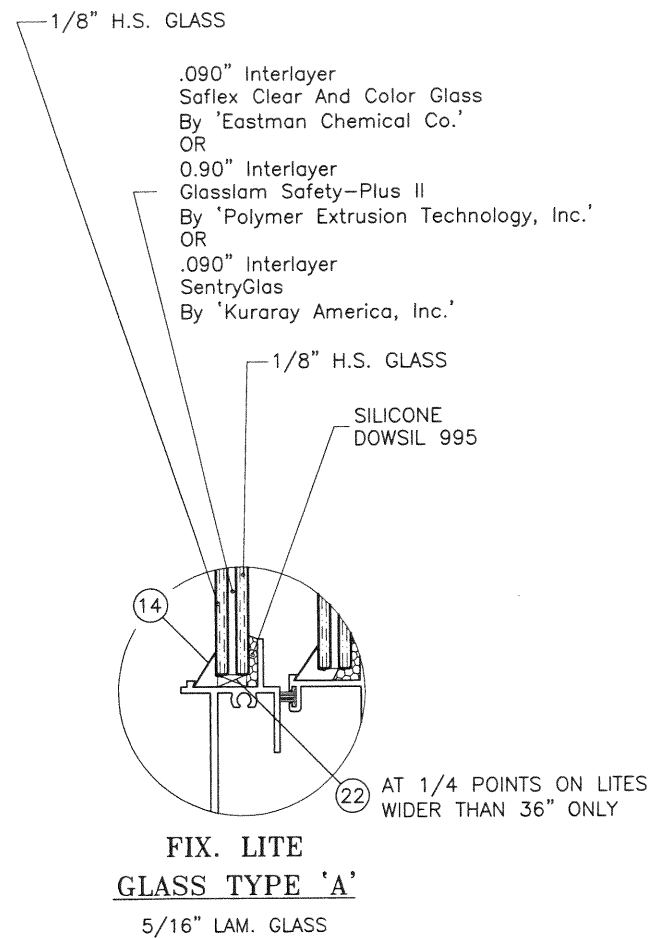
SERIES-940 ALUM HORIZONTAL ROLLING WDW. (L.M.I.)
CURV-A-TECH CORPORATION
930 W. 23rd STREET
HIALEAH, FL 33010
TEL. (305) 888-9631 FAX. (305) 888-9969

no	date	by	description
C	07.13.15		REV. PER COMMENTS
D	08.11.16		GENERAL REVISION
E	10.02.17		UPDATED TO 2017 FBC
F	09.10.20		UPDATED TO 2020 FBC

date: 08-06-07
scale: 1/2" = 1'-0"
dr. by: TARIQ
chk. by:

drawing no.
W07-59

sheet 1 of 6



GLAZING OPTIONS

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	10248	1	FRAME HEAD	6063-T6	-
2	10845	1	FRAME SILL	6063-T6	-
3	10847	2	FRAME JAMBS	6063-T6	-
4	11822	1/ VENT	H.D. FIXED MEETING RAIL	6063-T6	-
5	10846	1	SILL TRACK	6063-T6	-
6	10250	2/ VENT	VENT TOP/BOTTOM RAIL	6063-T6	-
7	-	1/ VENT	5/16" BOX SCREEN	-	-
8	10257	2/ VENT	VENT SIDE RAIL	6063-T6	-
9	11823	1/ VENT	H.D. VENT INTERLOCK RAIL	6063-T6	-
10	C-3055	4/ VENT	WHEEL HOUSING & GUIDE	NYLON	-
11	C-3056	2/ VENT	ROLLER PIN	ST. STEEL	-
12	C-3085	4/ VENT	VENT FACE GUIDE	NYLON	-
13	-	2/ WINDOW	WEEPHOLE HOUSING & FLAP	NYLON OR CELCON	-
14	-	AS REQD.	ROLL FORMED GLAZING BEAD FOR 5/16" GLASS	ALUMINUM	AT VENT & FIX. LITE
14A	-	AS REQD.	CHANNEL GLAZING BEAD FOR 7/16" GLASS	ALUMINUM	AT FIX. LITE ONLY
15	995	AS REQD.	GLAZING COMPOUND	SILICONE	DOWSIL
16	7916-187	AS REQD.	FINSEAL WEATHER STRIP		
17	#8 X 1"	AS REQD.	ASSEMBLY SCREWS	-	PHP SMS
18	-	2/ VENT	SWEEP LATCH	ZAMAK	AT 7-1/4" FROM EACH END
18A	10255	2/ VENT	ALUMINUM VENT LATCH	6063-T6	AT 7-1/4" FROM EACH END
19	C-3081	4	LATCH SPRING CLIP	ST. STEEL	-
20	C-3057	2/ VENT	BRASS ROLLER		
21	#8 X 3"	1/ VENT	FIX. RAIL BOTTOM SCREW	-	-
22	-	AS REQD.	SETTING BLOCKS AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A

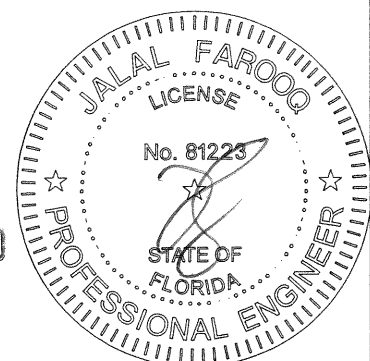
SEALANTS:

ALL FRAME CORNERS, FIXED MEETING RAIL AT EACH END,
INSTALLATION SCREWS IN SILL AND JAMBS SEALED WITH
ALUMINUM COLORED SEALANT.

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. **22-0317.03**
Expiration Date: **09/27/2027**
By: *Manuel Perez*
Miami-Dade Product Control

PRODUCT REVISED
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NOA-No. **20-0915.15**
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Miami-Dade Product Control

DEC 02 2020



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978

SERIES-940 ALUM HORIZONTAL ROLLING WDW. (L.M.I.)

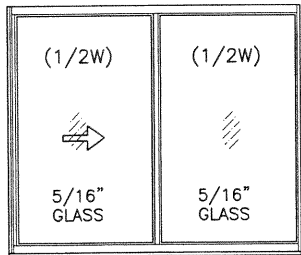
CURV-A-TECH CORPORATION
930 W. 23rd STREET
HIALEAH, FL 33010
TEL. (305) 888-9631 FAX. (305) 888-9969

revisions:	no	date	by	description
	D	08.11.16		GENERAL REVISION
	E	10.02.17		NO CHANGE THIS SHEET
	F	09.10.20		UPDATED TO 2020 FBC

date: 08-06-07
scale: 1/2" = 1"
dr. by: TARIQ
chk. by:

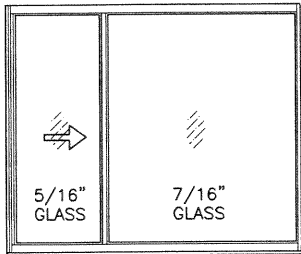
drawing no.
W07-59
sheet 2 of 6

DESIGN LOAD CAPACITY - PSF (XO OR OX SIZES)			
WINDOW DIMS.		GLASS TYPE 'A'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
26-1/2"	26"	70.0	70.0
37"		70.0	70.0
53-1/8"		70.0	70.0
74"		70.0	70.0
26-1/2"	38-3/8"	70.0	70.0
37"		70.0	70.0
53-1/8"		70.0	70.0
74"		70.0	70.0
26-1/2"	50-5/8"	70.0	70.0
37"		70.0	70.0
53-1/8"		70.0	70.0
74"		70.0	70.0
26-1/2"	63"	70.0	70.0
37"		70.0	70.0
53-1/8"		70.0	70.0
74"		70.0	70.0
24"	24"	70.0	70.0
36"		70.0	70.0
48"		70.0	70.0
60"		70.0	70.0
72"		70.0	70.0
24"	36"	70.0	70.0
36"		70.0	70.0
48"		70.0	70.0
60"		70.0	70.0
72"		70.0	70.0
24"	48"	70.0	70.0
36"		70.0	70.0
48"		70.0	70.0
60"		70.0	70.0
72"		70.0	70.0
24"	60"	70.0	70.0
36"		70.0	70.0
48"		70.0	70.0
60"		70.0	70.0
72"		70.0	70.0



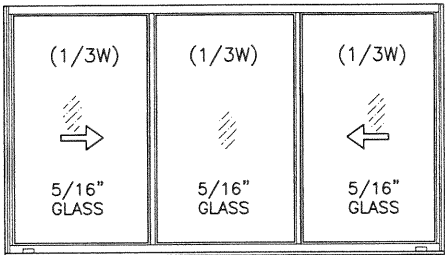
OPERATING VENTS TO BE 1/2 OF THE WDW. WIDTH
'XO OR OX'

DESIGN LOAD CAPACITY - PSF (XO OR OX SIZES)			
WINDOW DIMS.		GLASS TYPE 'B'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
83-1/4"	26"	70.0	70.0
79-11/16"		70.0	70.0
55-1/2"		70.0	70.0
83-1/4"	38-3/8"	70.0	70.0
79-11/16"		70.0	70.0
55-1/2"		70.0	70.0
83-1/4"	50-5/8"	70.0	70.0
79-11/16"		70.0	70.0
55-1/2"		70.0	70.0
83-1/4"	63"	70.0	70.0
79-11/16"		70.0	70.0
55-1/2"		70.0	70.0
54"	24"	70.0	70.0
63"		70.0	70.0
72"		70.0	70.0
81"		70.0	70.0
54"		70.0	70.0
63"	36"	70.0	70.0
72"		70.0	70.0
81"		70.0	70.0
54"		70.0	70.0
63"		70.0	70.0
72"	48"	70.0	70.0
81"		70.0	70.0
54"		70.0	70.0
63"		70.0	70.0
72"		70.0	70.0
81"	60"	70.0	70.0
54"		70.0	70.0
63"		70.0	70.0
72"		70.0	70.0
81"		70.0	70.0



OPERATING VENTS TO BE 1/4 TO 1/3 OF THE WDW. WIDTH
'XO OR OX'

DESIGN LOAD CAPACITY - PSF (XOX SIZES)			
WINDOW DIMS.		GLASS TYPE 'A'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
74"	26"	70.0	70.0
106-1/4"		70.0	70.0
111"		70.0	70.0
74"	38-3/8"	70.0	70.0
106-1/4"		70.0	70.0
111"		70.0	70.0
74"	50-5/8"	70.0	70.0
106-1/4"		70.0	70.0
111"		70.0	70.0
74"	63"	70.0	70.0
106-1/4"		70.0	70.0
111"		70.0	70.0
72"		70.0	70.0
84"	24"	70.0	70.0
96"		70.0	70.0
108"		70.0	70.0
72"		70.0	70.0
84"	36"	70.0	70.0
96"		70.0	70.0
108"		70.0	70.0
72"		70.0	70.0
84"	48"	70.0	70.0
96"		70.0	70.0
108"		70.0	70.0
72"		70.0	70.0
84"	60"	70.0	70.0
96"		70.0	70.0
108"		70.0	70.0
72"		70.0	70.0

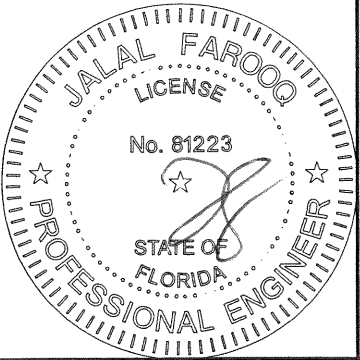


OPERATING VENTS TO BE 1/3 OF THE WDW. WIDTH
'XOX'

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. **22-0317.03**
Expiration Date: **09/27/2027**
By: *Manuel Perez*
Miami-Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0915.15
Expiration Date 09/27/2022
By: *[Signature]*
Miami-Dade Product Control

DEC 02 2020



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

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\W07-59CC

SERIES-940 ALUM HORIZONTAL ROLLING WDW. (L.M.I.)

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

revisions:

no	date	by	description
D	08.11.16		GENERAL REVISION
E	10.02.17		NO CHANGE THIS SHEET
F	09.10.20		UPDATED TO 2020 FBC

date: 08-06-07

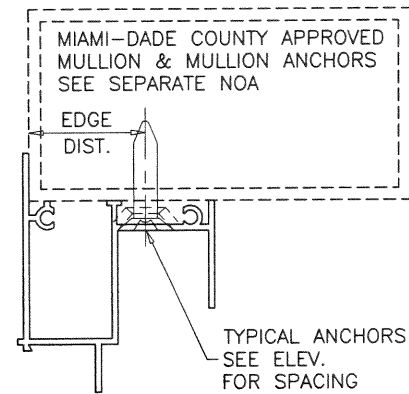
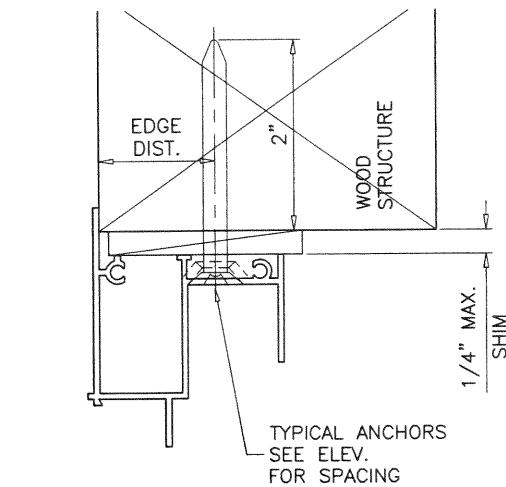
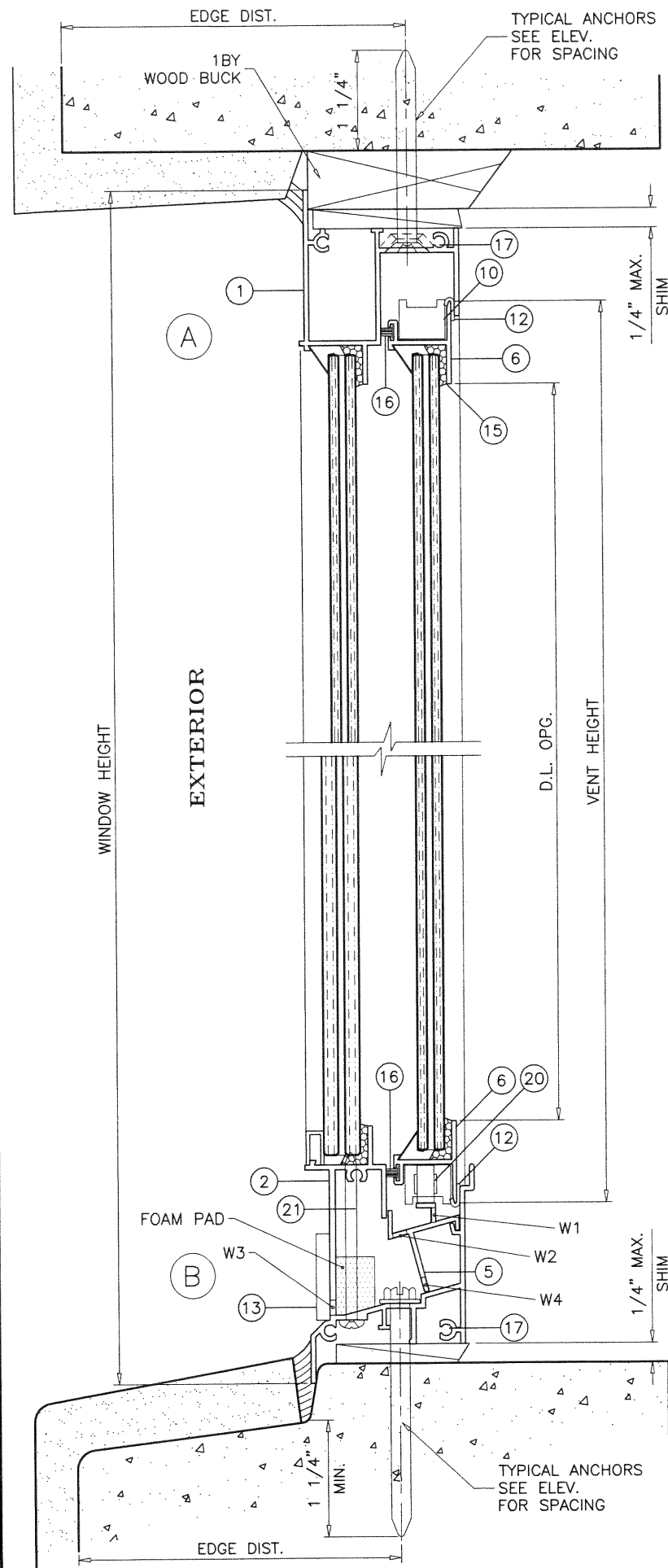
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dr. by: TARIQ

chk. by:

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1BY OR 2BY WOOD BUCKS AND METAL STRUCTURE NOT BY 'CURV-A-TECH' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

WEEPHOLES:

- W1 - 3/8" X 1" NOTCH IN LEG AT EACH END
- W2 - 1/4" X 2" NOTCH AT 2" FROM EACH END
- W3 - 1/4" X 2-1/4" NOTCH WITH NYLON BAFFLE AT 4" FROM EACH END
OPEN CELL FOAM PAD (1/2" X 3/4" X 3-1/4")
- W4 - 1/2" X 1/8" NOTCH AT SILL TRACK
1-1/4" FROM EACH END

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)

INTO WOOD STRUCTURES

2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)

THRU 1BY OR 2BY 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

2" 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 MIAMI-DADE COUNTY APPROVED MULLIONS
OR

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)

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2-1/2" MIN.

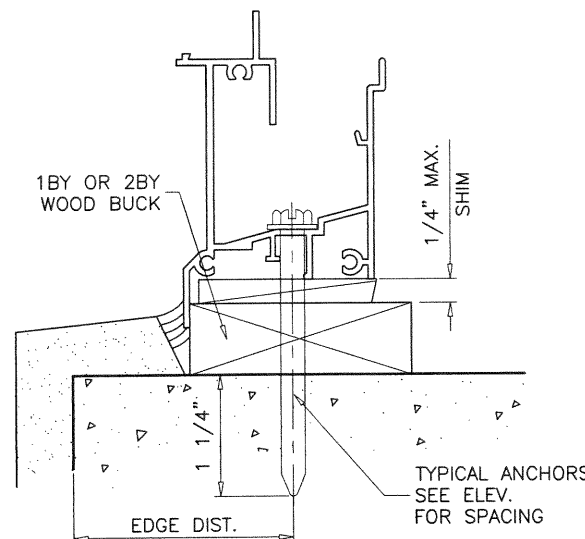
INTO WOOD STRUCTURE = 1" MIN.

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.



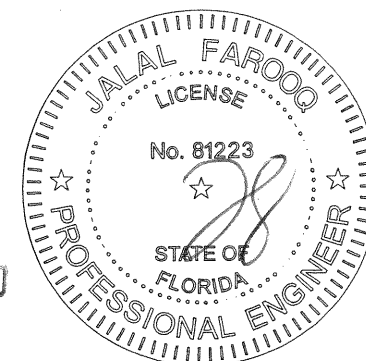
PRODUCT RENEWED as complying with the Florida Building Code
PRODUCT REVISED as complying with the Florida Building Code

NOA-No. **22-0317.03** NOA-No. 20-0915.15

Expiration Date: **09/27/2027** Expiration Date 09/27/2022

By: *Manuel Bern* By: *CS*
Miami-Dade Product Control Miami-Dade Product Control

DEC 02 2020



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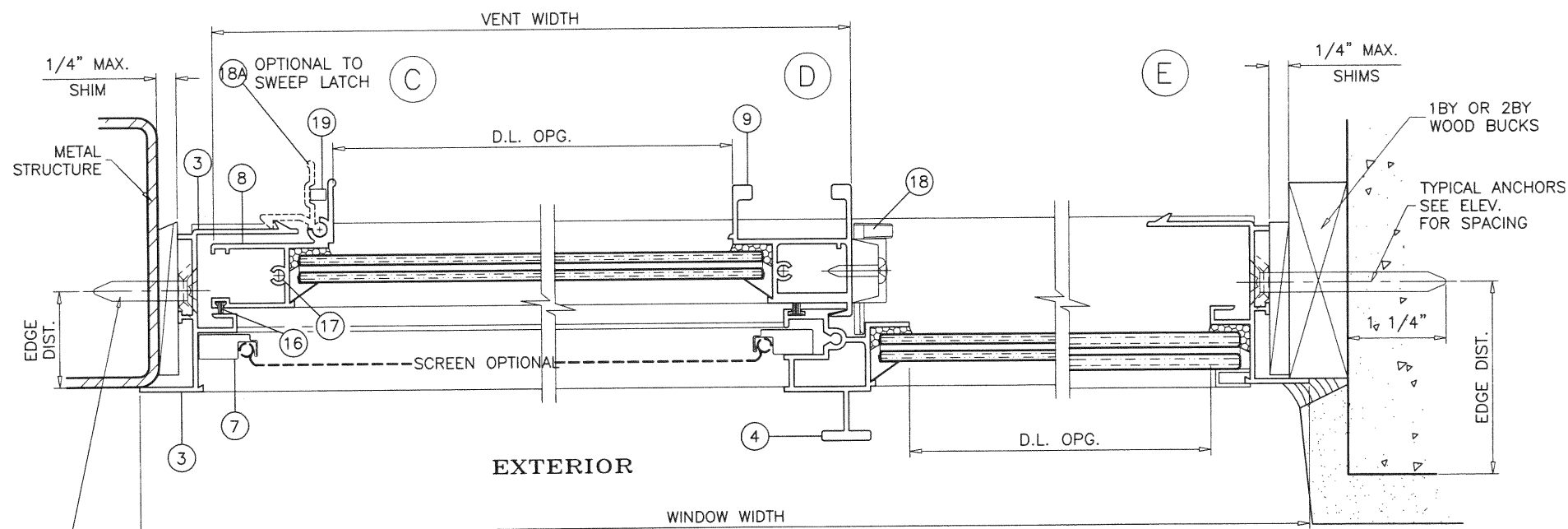
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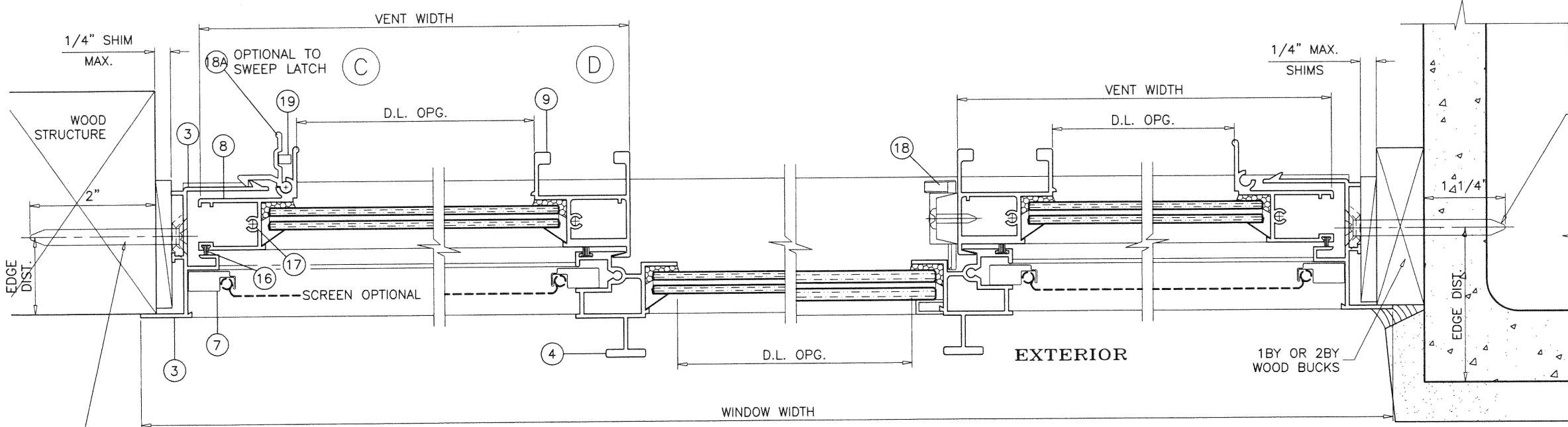
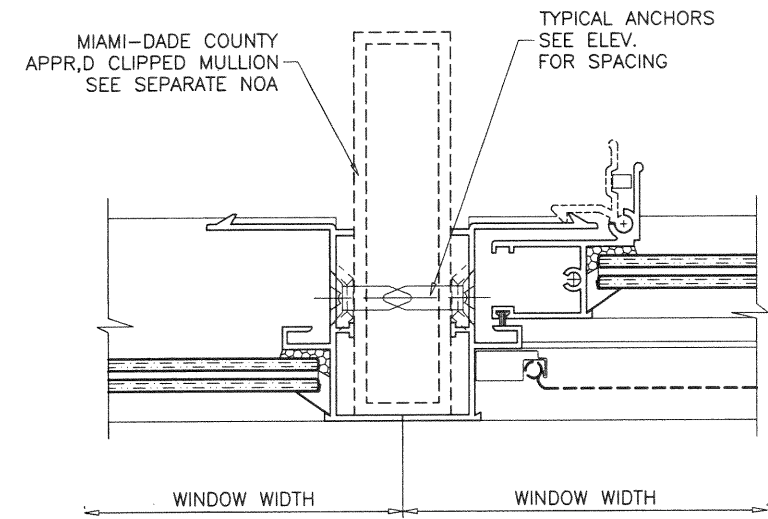
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XO LAYOUT
OX OPPOSITE



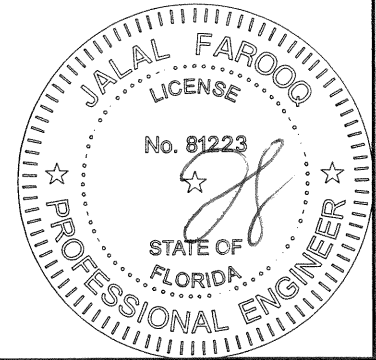
XOX LAYOUT

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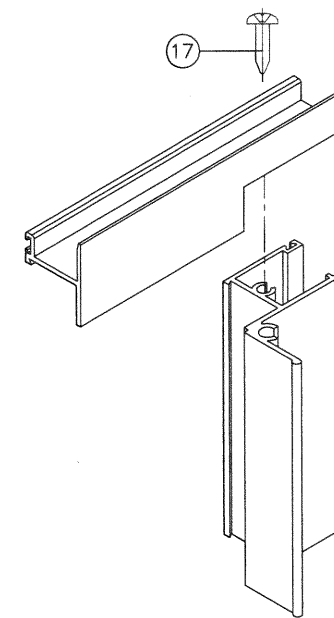
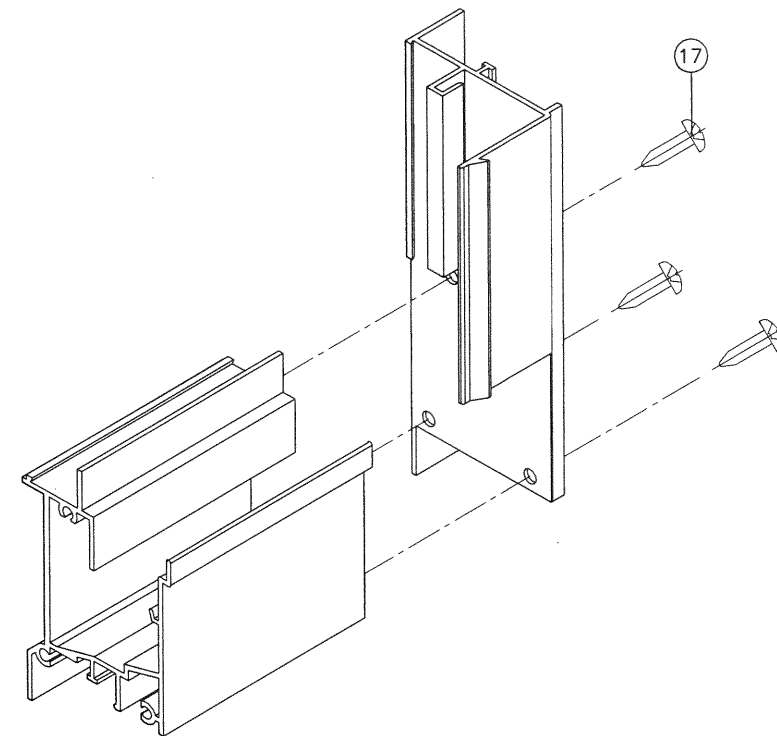
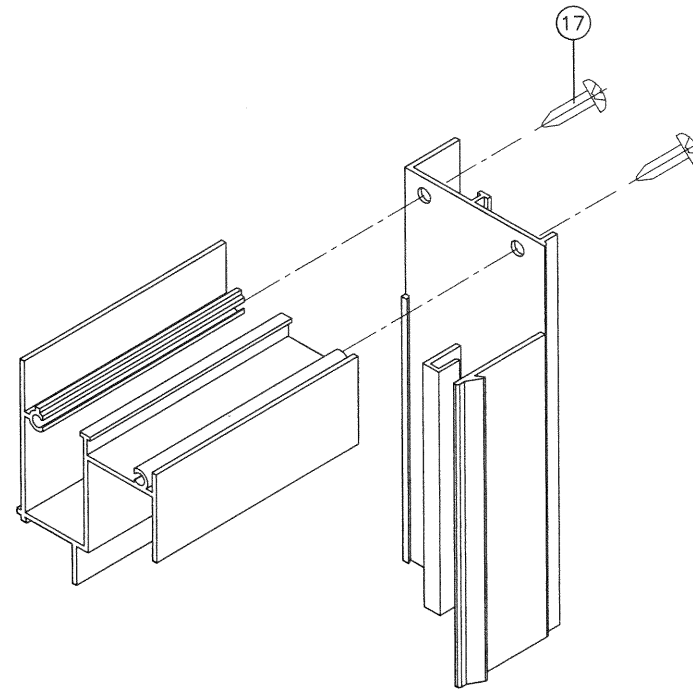
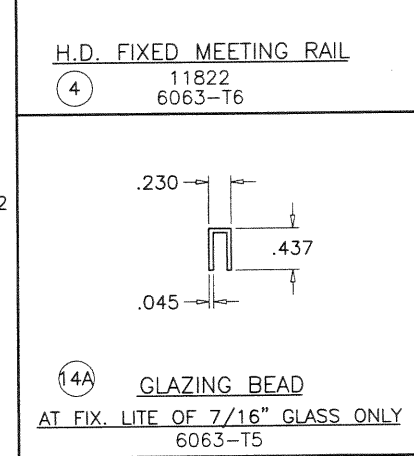
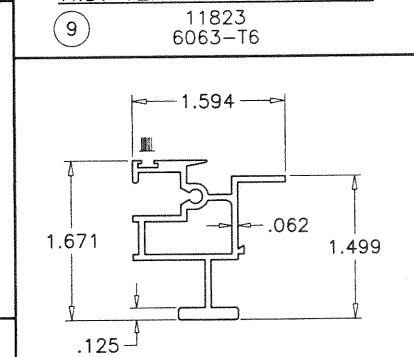
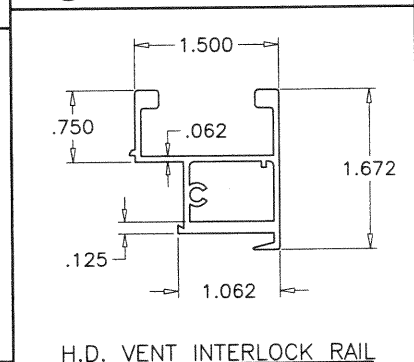
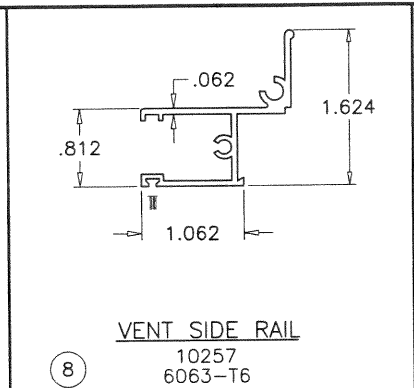
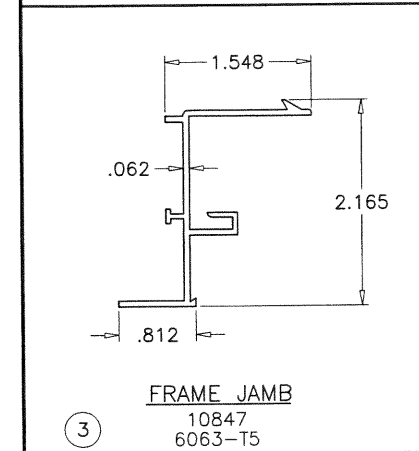
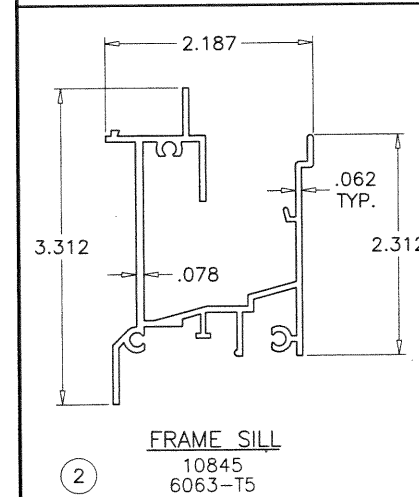
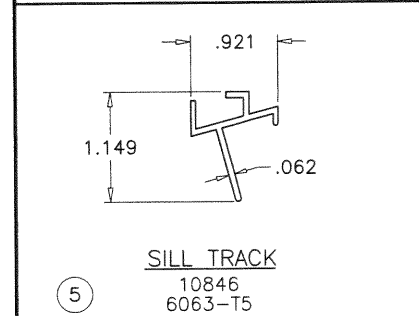
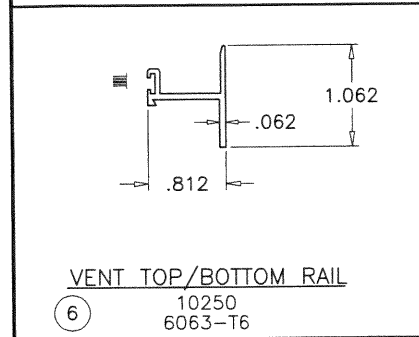
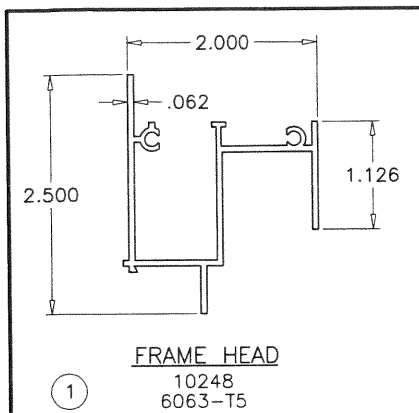
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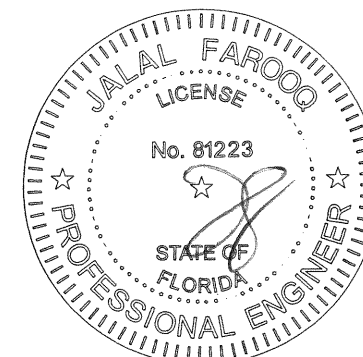
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DEC 02 2023



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