



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, FL 33175  
T (786) 315-2590 F (786) 315-2599

[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**Eurotech Industries, Inc.**  
**4201 NE 12<sup>th</sup> Terrace**  
**Ft. Lauderdale, FL 33334**

### 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: Aluminum Horizontal Sliding Window – L.M.I.

**APPROVAL DOCUMENT:** Drawing No. **W03-71**, titled “Alum Horizontal Rolling Window (L.M.I.)”, sheets 1 through 7 of 7, dated 08/21/03, with revision **I** dated 11/05/20, 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: Large and 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# 19-0708.02** 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.**



*S.Z.*

02/25/2021

NOA No. 20-1203.06  
Expiration Date: December 18, 2024  
Approval Date: February 25, 2021  
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. 03-1017.03)*
2. Drawing No **W03-71**, Sheets 1 through 7 of 7, titled "Alum Horizontal Rolling Window (L.M.I.)", dated 08/21/03, with revision **H** dated 01/26/18, 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 FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94  
along with installation diagram of an aluminum horizontal sliding window, prepared by Hurricane Engineering & Testing, Inc., Test Reports **No. HETI-04-1376**, dated 08/02/04, signed and sealed by Rafael E. Droz-Seda, P.E.  
*(Submitted under NOA No. 06-1019.04)*
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 20294  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94  
along with installation diagram of an aluminum horizontal sliding window, prepared by Hurricane Engineering & Testing, Inc., Test Report **No. HETI-03-1323**, dated 06/06/03, signed and sealed by Rafael E. Droz-Seda, P.E.  
*(Submitted under NOA No. 03-1017.03)*
3. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94  
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with installation diagram of an aluminum horizontal sliding window, prepared by Hurricane Engineering & Testing, Inc., Test Report **No. HETI-03-1821**, dated 06/06/03, signed and sealed by Rafael E. Droz-Seda, P.E.  
*(Submitted under NOA No. 03-1017.03)*

**C. CALCULATIONS**

1. Anchor verification calculations complying with **FBC 6<sup>th</sup> Edition (2017)**, dated 01/12/18, 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).



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Sifang Zhao, P.E.  
Product Control Examiner  
NOA No. 20-1203.06  
Expiration Date: December 18, 2024  
Approval Date: February 25, 2021

**Eurotech Industries, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**E. MATERIAL CERTIFICATIONS**

1. NOA No. **17-0712.05** issued to **Eastman Chemical Corp.** for their “**Saflex PVB Clear and Color Glass Interlayers**”, expiring on 05/21/21.
2. NOA 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. Letter of conformance complying with **FBC 6<sup>th</sup> Edition (2017)**, and of no financial interest, dated 01/12/2018, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

**G. OTHER**

1. NOA No. **18-0503.07**, issued to Eurotech Industries, Inc. for their Aluminum Horizontal Sliding Window - L.M.I., expiring on 12/18/19.

**2. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **W03-71**, titled “Alum Horizontal Rolling Window (L.M.I.)”, sheets 1 through 7 of 7, dated 08/21/03, with revision **I** dated 11/05/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

**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. NOA No. **20-0622.01** issued to **Eastman Chemical Corp.** for their “**Saflex PVB Clear and Color Glass Interlayers**”, expiring on 05/21/21.
2. NOA No. **20-0915.19** issued to **Kuraray America, Inc.** for their “**SentryGlas® (Clear and White) Glass Interlayers**”, expiring on 07/04/23.

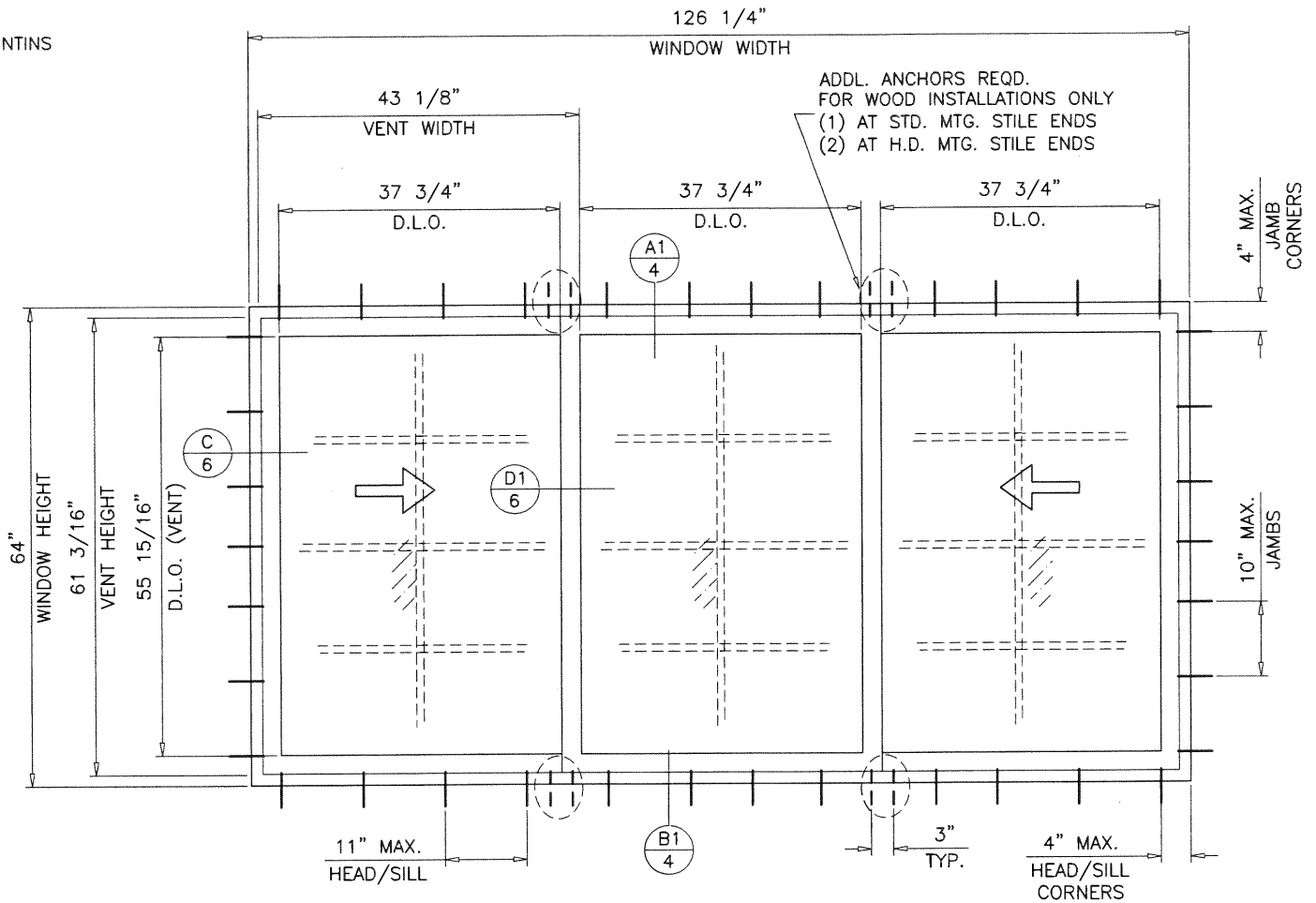
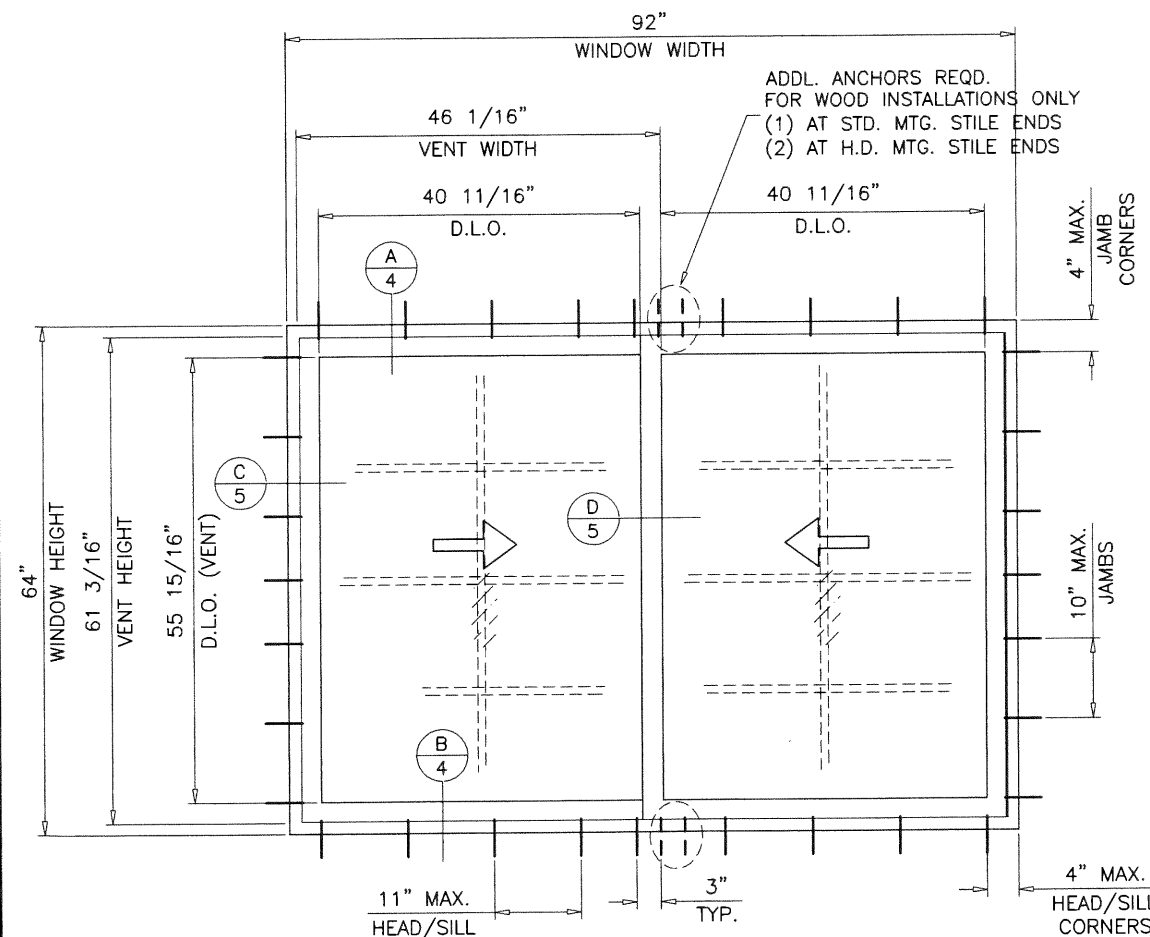
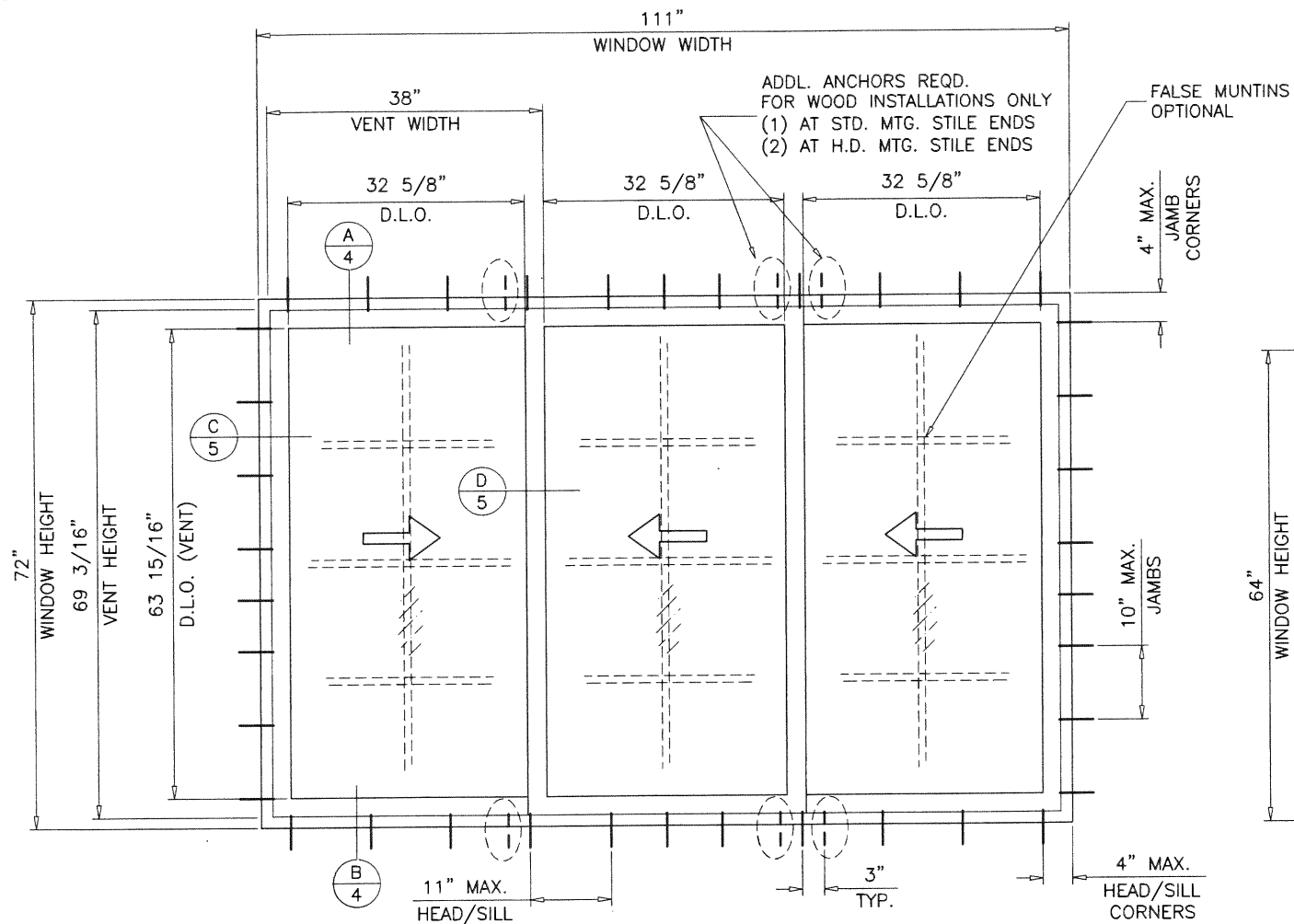
**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC 6<sup>th</sup> Edition (2017)**, with **FBC 7<sup>th</sup> Edition (2020)**, and of no financial interest, dated 10/26/2020, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

**G. OTHERS**

1. NOA No. **19-0708.02**, issued to Eurotech Industries, Inc. for their Aluminum Horizontal Sliding Window - L.M.I., expiring on 12/18/24.

  
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Sifang Zhao, P.E.  
Product Control Examiner  
NOA No. 20-1203.06  
Expiration Date: December 18, 2024  
Approval Date: February 25, 2021



**TYPICAL ELEVATION**  
TESTED UNITS

### ALUMINUM HORIZONTAL ROLLING WINDOW

DESIGN LOAD RATING FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEETS 2 AND 3.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF H.R./H.R. OR HORIZONTAL ROLLING 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.

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.

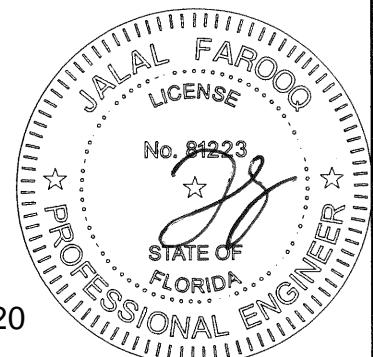
DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

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

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1203.06

Expiration Date 12/18/2024

By *[Signature]*  
Miami-Dade Product Control



Sealed: 11/23/2020

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
(C.A.N. 3538)

ALUM HORIZONTAL ROLLING WINDOW (L.M.I.)

**Eurotech Industries Inc.**  
4201 N.E. 12th Terrace  
Oakland Park, Florida 33334  
Tel. (954) 630-9967 Fax. (954) 630-0217

no	date	by	description
E	11.17.08		NO CHANGE THIS SHEET
F	11.04.11		UPDATED TO 2010 FBC
G	08.12.15		UPDATED TO 2014 FBC
H	01.26.18		UPDATED TO 2017 FBC
I	11.05.20		UPDATED TO 2020 FBC

date: 08-21-03	scale: 1/2"=1'-0"
dr. by: TARIQ	chk. by:

drawing no.

**W03-71**

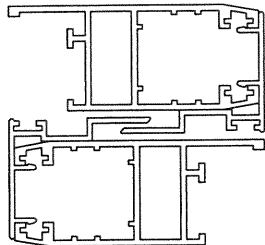
sheet 1 of 7

COMP-ANL\W03-71EWD

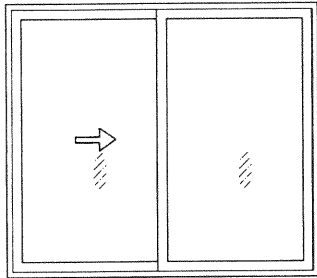
DESIGN LOAD CAPACITY - PSF				
STANDARD MEETING STILES XO, OX OR XX SIZES				
WINDOW DIMS.		A	GLASS TYPE 'A'	
WIDTH	HEIGHT		EXT.(+)	INT.(-)
26-1/2"	26" (3)	3	75.0	75.0
37"		4	75.0	75.0
53-1/8"		6	75.0	75.0
74"		7	75.0	75.0
25-1/2"	38-3/8" (5)	3	75.0	75.0
36"		4	75.0	75.0
53-1/8"		6	75.0	75.0
74"		7	75.0	75.0
25-1/2"	50-5/8" (6)	3	75.0	75.0
36"		4	75.0	75.0
53-1/8"		6	75.0	75.0
74"		7	75.0	75.0
25-1/2"	63" (7)	3	75.0	75.0
36"		4	75.0	75.0
53-1/8"		6	75.0	75.0
74"		7	75.0	75.0
24"	24" (3)	3	75.0	75.0
36"		4	75.0	75.0
48"		5	75.0	75.0
54"		6	75.0	75.0
60"		6	75.0	75.0
72"		7	75.0	75.0
24"	36" (4)	3	75.0	75.0
36"		4	75.0	75.0
48"		5	75.0	75.0
54"		6	75.0	75.0
60"		6	75.0	75.0
72"		7	75.0	75.0
24"	48" (5)	3	75.0	75.0
36"		4	75.0	75.0
48"		5	75.0	75.0
54"		6	75.0	75.0
60"		6	75.0	75.0
72"		7	75.0	75.0
24"	60" (7)	3	75.0	75.0
36"		4	75.0	75.0
48"		5	75.0	75.0
54"		6	75.0	75.0
60"		6	75.0	75.0
72"		7	75.0	75.0
24"	72" (8)	3	75.0	75.0
36"		4	75.0	75.0
48"		5	75.0	75.0
54"		6	75.0	75.0
60"		6	75.0	75.0
72"		7	75.0	75.0
74"		7	75.0	75.0

A = NO. OF ANCHORS PER HEAD & SILL.  
FOR WOOD INSTALLATIONS ADD  
(1) ADDITIONAL ANCHOR AT MTG. STILE ENDS.  
( ) = NO. OF ANCHORS PER JAMB

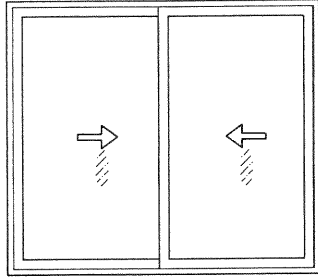
DESIGN LOAD CAPACITY - PSF				
STANDARD MEETING STILES XOX OR XXX SIZES				
WINDOW DIMS.		A	GLASS TYPE 'A'	
WIDTH	HEIGHT		EXT.(+)	INT.(-)
74"	26" (3)	7	75.0	75.0
106-1/4"	(5)	10	75.0	75.0
74"	38-3/8" (5)	7	75.0	75.0
106-1/4"	(6)	10	75.0	75.0
74"	50-5/8" (6)	7	75.0	75.0
106-1/4"	(7)	10	75.0	75.0
72"	24" (3)	7	75.0	75.0
84"		8	75.0	75.0
96"		9	75.0	75.0
108"		11	75.0	75.0
120"		12	75.0	75.0
128"		12	75.0	75.0
72"	36" (4)	7	75.0	75.0
84"		8	75.0	75.0
96"		9	75.0	75.0
108"		11	75.0	75.0
120"		12	75.0	75.0
128"		12	75.0	75.0
72"	48" (5)	7	75.0	75.0
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120"		12	75.0	75.0
128"		12	75.0	75.0
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96"		9	75.0	75.0
108"		11	75.0	75.0
120"		12	75.0	75.0
128"		12	75.0	75.0
72"	72" (8)	7	75.0	75.0
84"		8	75.0	75.0
96"		9	75.0	75.0
108"		11	75.0	75.0
111"		11	75.0	75.0



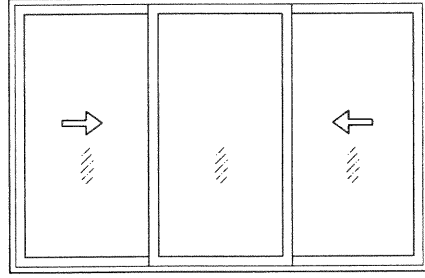
STANDARD MEETING STILES



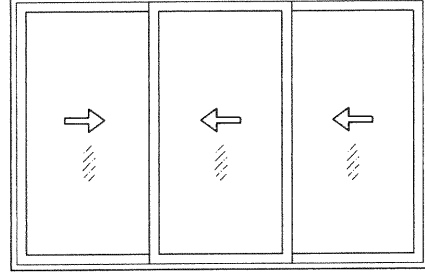
XO  
OX



XX

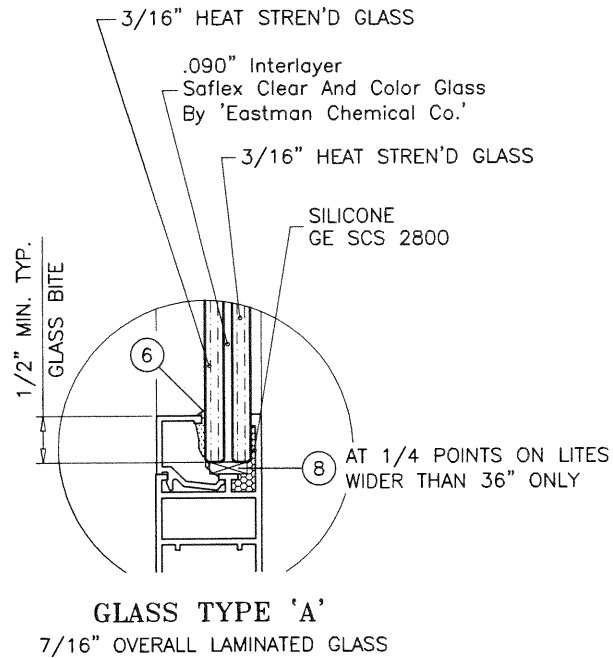


XOX



XXX

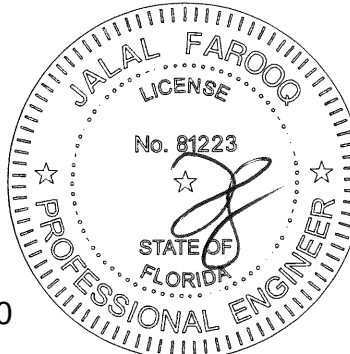
APPROVED CONFIGURATIONS STD. MTG. STILES  
GLASS WIDTHS TO BE EQUAL ON MOVING AND FIXED LITES



GLASS TYPE 'A'  
7/16" OVERALL LAMINATED GLASS

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. 20-1203.06  
Expiration Date 12/18/2024  
By *[Signature]*  
Miami-Dade Product Control



**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
(C.A.N. 3538)

ALUM HORIZONTAL ROLLING WINDOW (L.M.I.)  
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revisions:	no	date	by	description
	E	11.17.08		NO CHANGE THIS SHEET
	F	11.04.11		UPDATED TO 2010 FBC
	G	08.12.15		UPDATED TO 2014 FBC
	H	01.26.18		UPDATED TO 2017 FBC
	I	11.05.20		UPDATED TO 2020 FBC

date: 08-21-03  
scale: 1/2" = 1'-0"  
dr. by: TARIQ  
chk. by:

drawing no.  
**W03-71**  
sheet 2 of 7

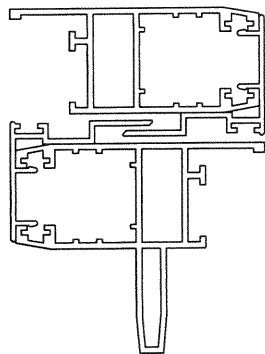
COMP-ANL\W03-71EWD

Sealed: 11/23/2020

DESIGN LOAD CAPACITY - PSF				
HEAVY DUTY MEETING STILES XO OR OX SIZES				
WINDOW DIMS.		A	GLASS TYPE 'B'	
WIDTH	HEIGHT		EXT.(+)	INT.(-)
26-1/2"	26" (3)	3	75.0	110.0
37"		4	75.0	110.0
53-1/8"		6	75.0	110.0
74"		7	75.0	110.0
25-1/2"	38-3/8" (5)	3	75.0	110.0
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72"		7	75.0	110.0
84"		8	75.0	110.0
90"		9	75.0	110.0
92"		9	75.0	110.0
24"	36" (4)	3	75.0	110.0
36"		4	75.0	110.0
48"		5	75.0	110.0
54"		6	75.0	110.0
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54"		6	75.0	110.0
60"		6	75.0	110.0
72"		7	75.0	110.0
84"		8	75.0	110.0
90"		9	75.0	110.0

DESIGN LOAD CAPACITY - PSF				
HEAVY DUTY MEETING STILES XO OR OX SIZES				
WINDOW DIMS.		A	GLASS TYPE 'B'	
WIDTH	HEIGHT		EXT.(+)	INT.(-)
24"	64" (7)	3	75.0	110.0
36"		4	75.0	110.0
48"		5	75.0	110.0
54"		6	75.0	110.0
60"		6	75.0	110.0
72"		7	75.0	110.0
84"		8	75.0	110.0

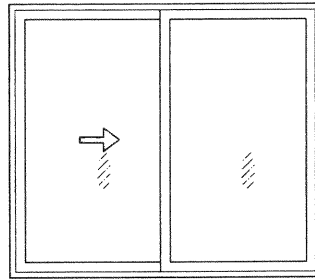
A = NO. OF ANCHORS PER HEAD & SILL.  
FOR WOOD INSTALLATIONS ADD  
(2) ADDITIONAL ANCHORS AT MTG. STILE ENDS.  
( ) = NO. OF ANCHORS PER JAMB



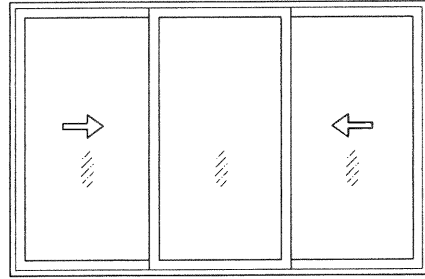
HEAVY DUTY MEETING STILES

DESIGN LOAD CAPACITY - PSF				
HEAVY DUTY MEETING STILES XOX SIZES				
WINDOW DIMS.		A	GLASS TYPE 'B'	
WIDTH	HEIGHT		EXT.(+)	INT.(-)
74"	26" (3)	7	75.0	110.0
106-1/4"	(3)	10	75.0	110.0
74"	38-3/8" (5)	7	75.0	110.0
106-1/4"	(5)	10	75.0	110.0
74"	50-5/8" (6)	7	75.0	110.0
106-1/4"	(6)	10	75.0	110.0
74"	63" (7)	7	75.0	110.0
106-1/4"	(7)	10	75.0	110.0
72"	24" (3)	7	75.0	110.0
84"		8	75.0	110.0
96"		9	75.0	110.0
108"		11	75.0	110.0
120"		12	75.0	110.0
126"		12	75.0	110.0
128"		12	75.0	110.0
72"	36" (4)	7	75.0	110.0
84"		8	75.0	110.0
96"		9	75.0	110.0
108"		11	75.0	110.0
120"		12	75.0	110.0
126"		12	75.0	110.0
128"		12	75.0	110.0
72"	48" (5)	7	75.0	110.0
84"		8	75.0	110.0
96"		9	75.0	110.0
108"		11	75.0	110.0
120"		12	75.0	110.0
126"		12	75.0	110.0
128"		12	75.0	110.0
72"	60" (7)	7	75.0	110.0
84"		8	75.0	110.0
96"		9	75.0	110.0
108"		11	75.0	110.0
120"		12	75.0	110.0
126"		12	75.0	110.0
128"		12	75.0	110.0
72"	64" (7)	7	75.0	110.0
84"		8	75.0	110.0
96"		9	75.0	110.0
108"		11	75.0	110.0
120"		12	75.0	110.0
126"		12	75.0	110.0

ALL EXTERIOR(+) LOADS SHOWN ON THIS SHEET ARE FOR WINDOWS WITH APPLIED RISER AT FRAME SILL.  
FOR STD. SILL (NO RISER) LIMIT EXTERIOR(+) LOADS TO 45.0 PSF  
SEE DETAIL ON SHEET 4.

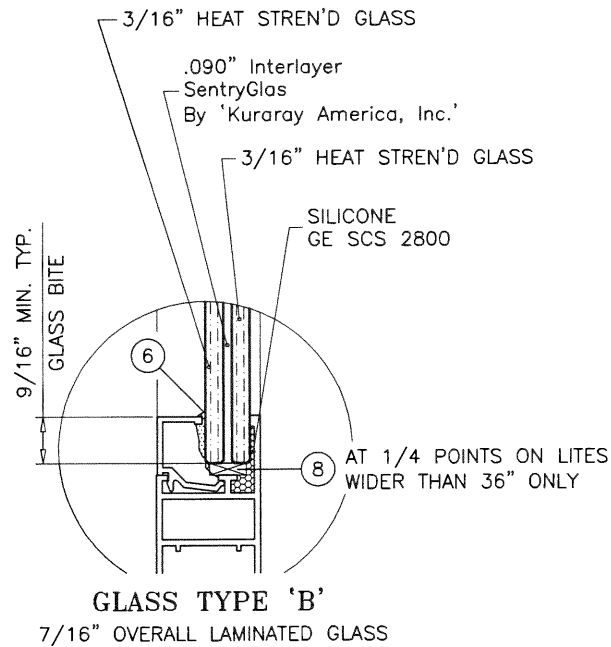


XO  
OX




XOX

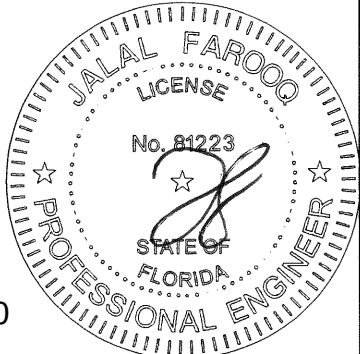
APPROVED CONFIGURATIONS HEAVY DUTY MTG. STILES  
GLASS WIDTHS TO BE EQUAL ON MOVING AND FIXED LITES




GLASS TYPE 'B'  
7/16" OVERALL LAMINATED GLASS

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  
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NOA-No. 20-1203.06  
Expiration Date 12/18/2024  
By   
Miami-Dade Product Control



Sealed: 11/23/2020



**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173 (C.A.N. 3538)  
TEL. (305) 262-6978 FAX. (305) 264-8100  
COMP-ANL\W03-71EWD

ALUM HORIZONTAL ROLLING WINDOW (L.M.I.)

**Eurotech Industries Inc.**  
4201 N.E. 12th Terrace  
Oakland Park, Florida 33334  
Tel. (954) 630-9967 Fax. (954) 630-0217

revisions:	no	date	by	description
	E	11.17.08		NO CHANGE THIS SHEET
	F	11.04.11		UPDATED TO 2010 FBC
	G	08.12.15		UPDATED TO 2014 FBC
	H	01.26.18		UPDATED TO 2017 FBC
	I	11.05.20		UPDATED TO 2020 FBC

date: 08-21-03

scale: 1/2" = 1'-0"

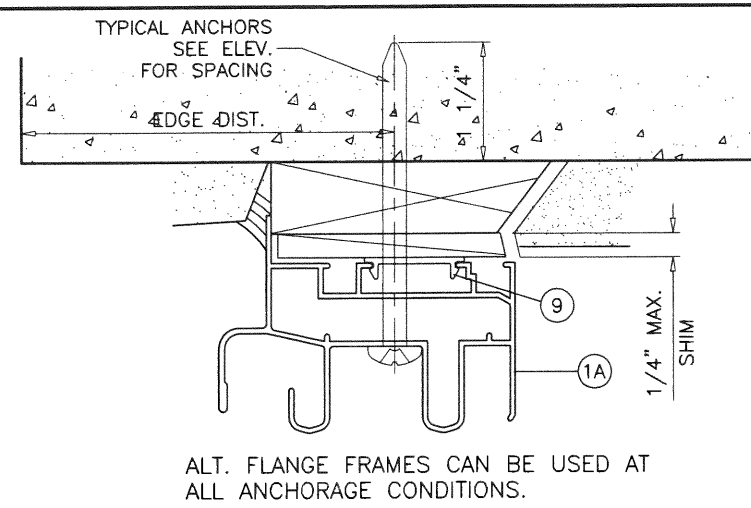
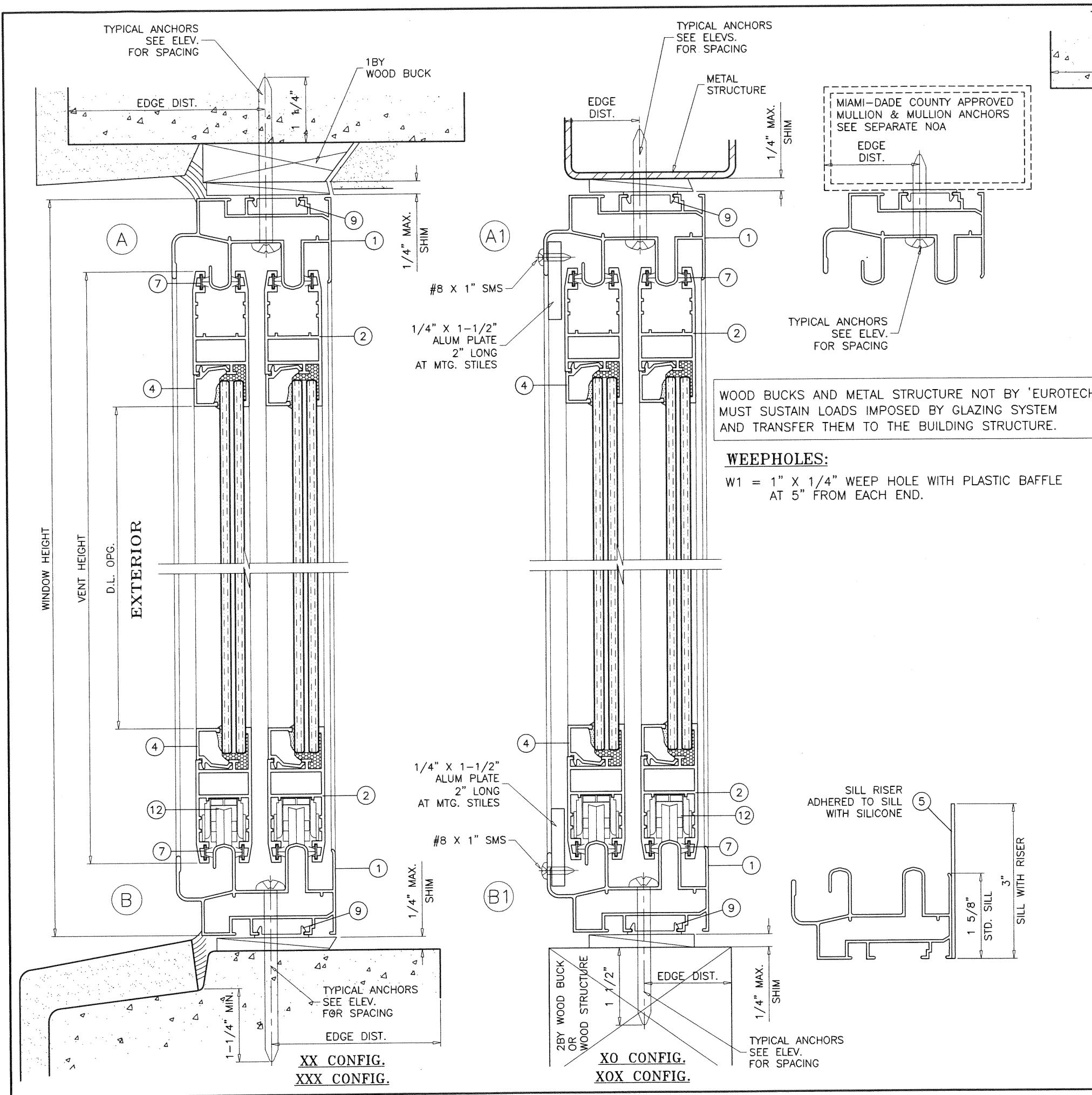
dr. by: TARIQ

chk. by:

drawing no. **W03-71**

sheet 3 of 7





**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. TO EXTEND BEYOND METAL THICKNESS  
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)

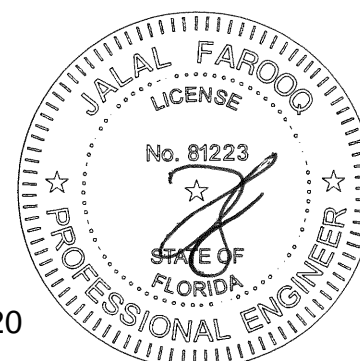
INTO MIAMI-DADE COUNTY APPROVED MULLIONS (NO SHIM)  
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS  
ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.) (NO SHIMS)  
STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.) (NO SHIMS)  
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**CRITICAL EDGE DISTANCE**

INTO CONCRETE AND BLOCKS = 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  
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Miami-Dade Product Control



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ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL. (305) 264-8100  
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COMP-ANL\W03-71EWD

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revisions:		description	by
no	date	REV. PER BCCO COMMENTS	
E	11.17.08	NO CHANGE THIS SHEET	
F	11.04.11	UPDATED TO 2014 FBC	
G	08.12.15	UPDATED TO 2017 FBC	
H	01.26.18	UPDATED TO 2020 FBC	
I	11.05.20		

date: 08-21-03

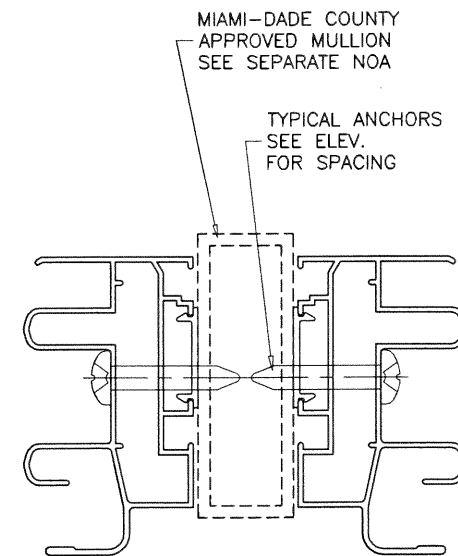
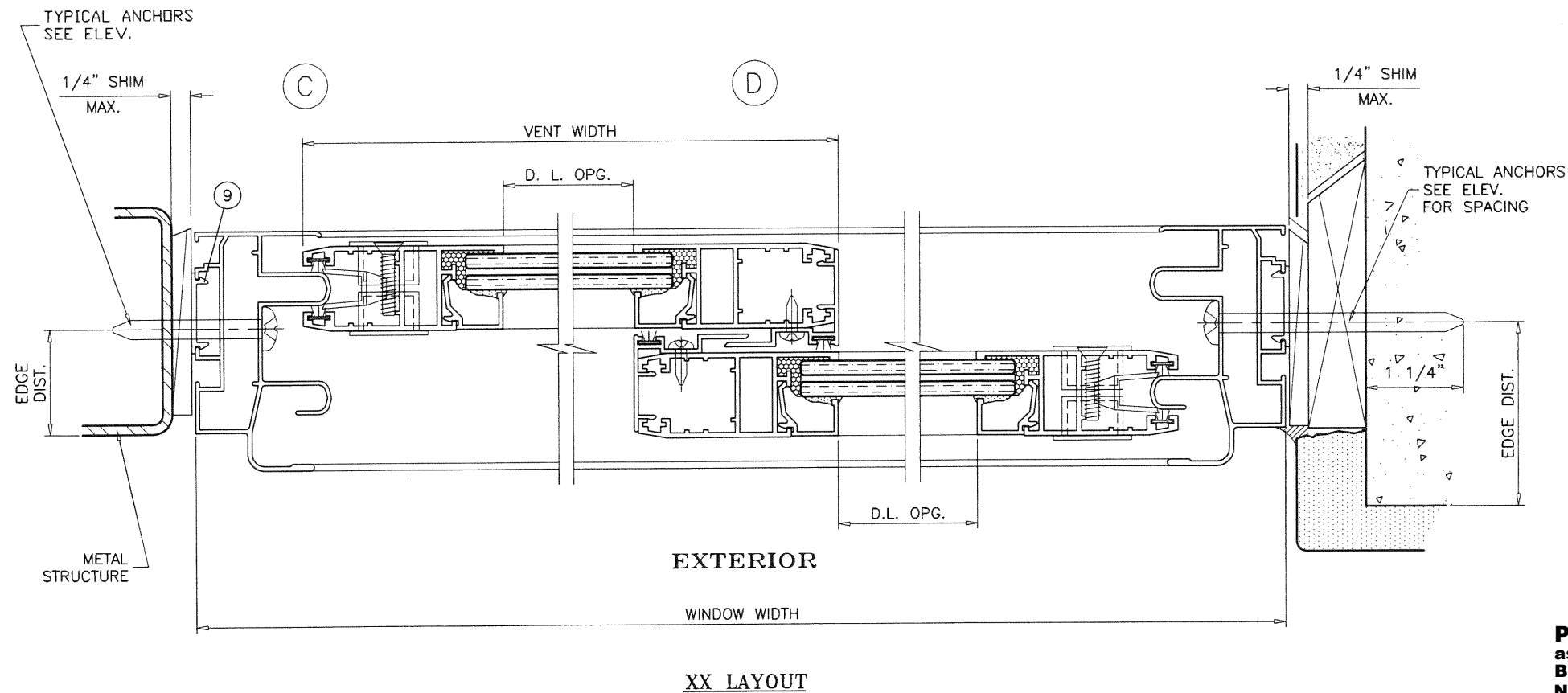
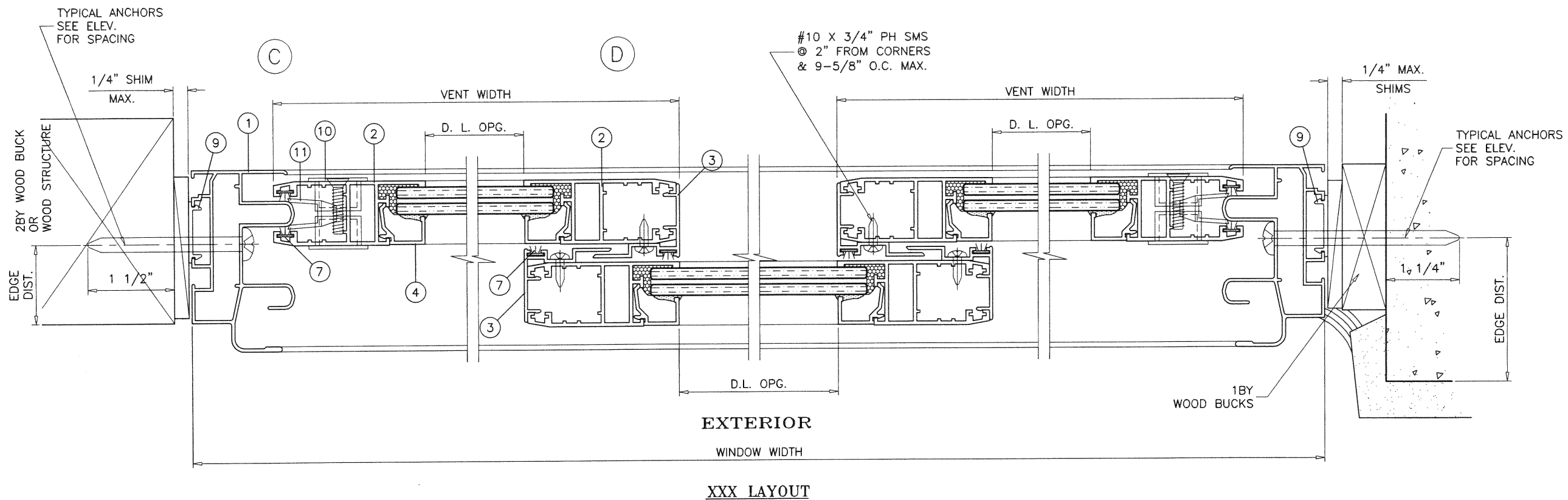
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dr. by: TARIQ

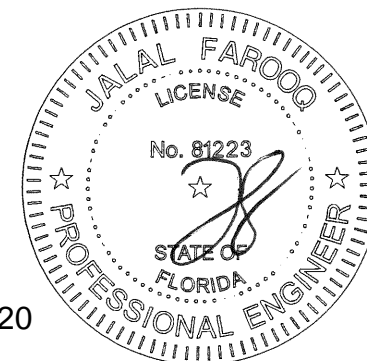
chk. by:

drawing no.  
**W03-71**

sheet 4 of 7



**PRODUCT REVISED**  
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NOA-No. 20-1203.06  
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Sealed: 11/23/2020

**af c**  
**AL-FAROOQ CORPORATION**  
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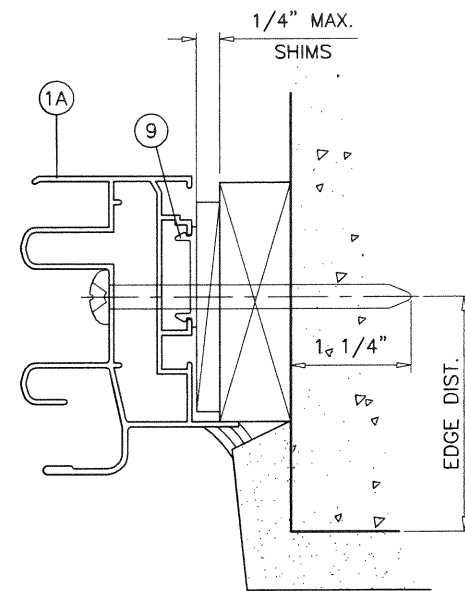
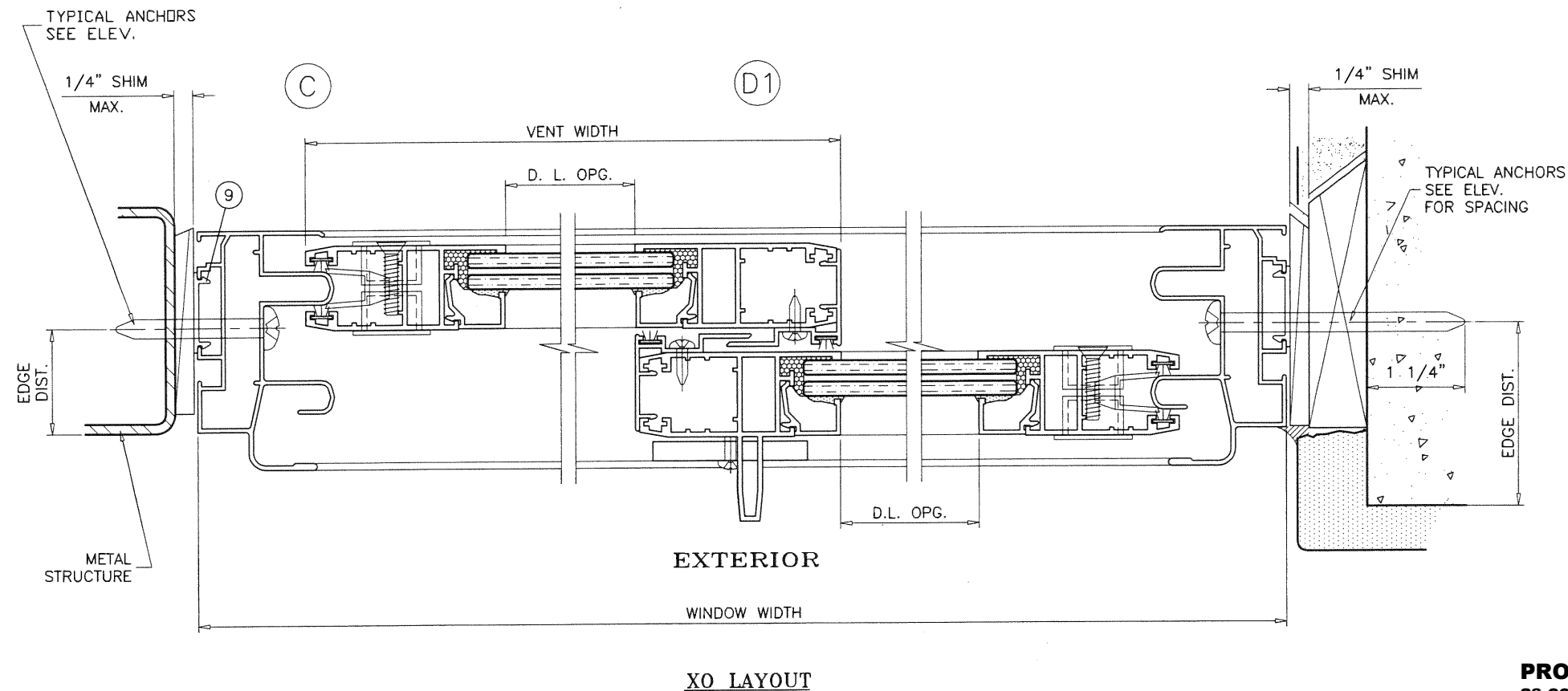
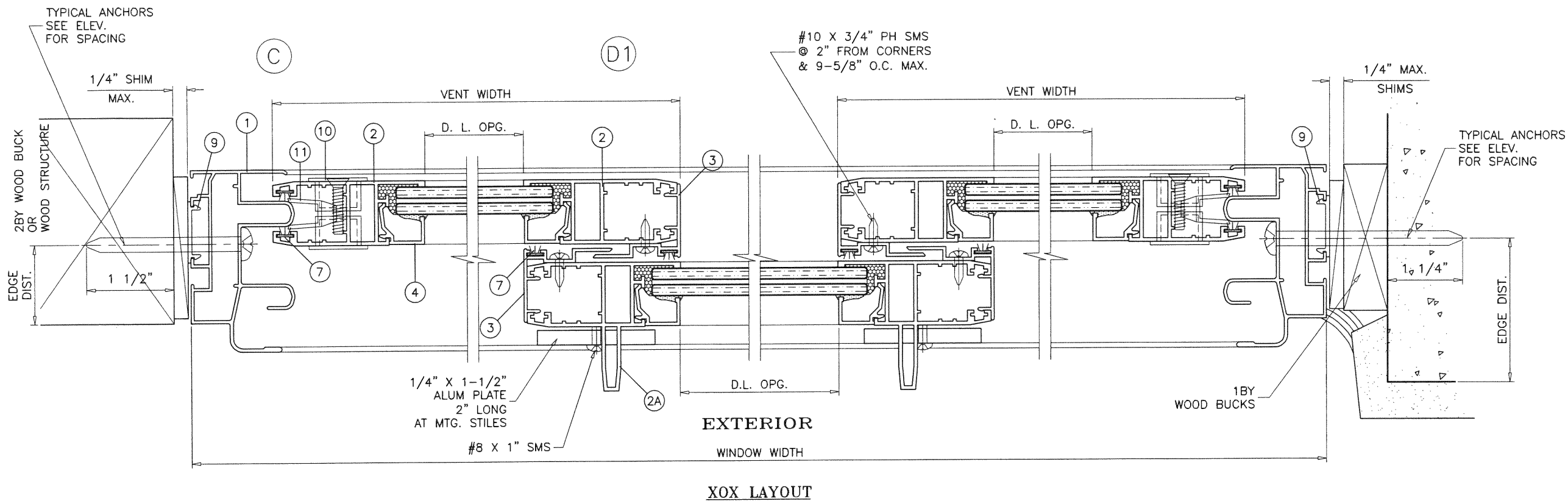
ALUM HORIZONTAL ROLLING WINDOW (L.M.I.)  
**Eurotech Industries Inc.**  
4201 N.E. 12th Terrace  
Oakland Park, Florida 33334  
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no	date	by	description
E	11.17.08		NO CHANGE THIS SHEET
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G	08.12.15		UPDATED TO 2014 FBC
H	01.26.18		UPDATED TO 2017 FBC
I	11.05.20		UPDATED TO 2020 FBC

date:	08-21-03
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dr. by:	TARIQ
chk. by:	

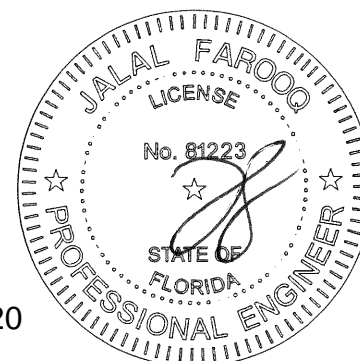
drawing no.  
**W03-71**  
sheet 5 of 7





ALT. FLANGE FRAMES CAN BE USED AT ALL ANCHORAGE CONDITIONS.

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date: 08-21-03

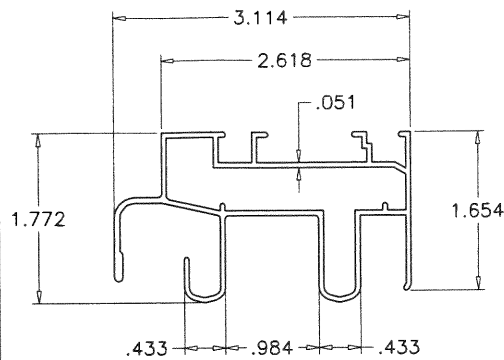
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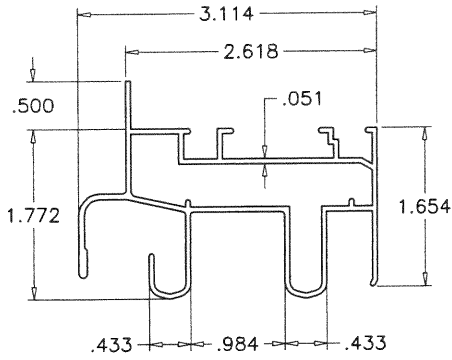
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**W03-71**

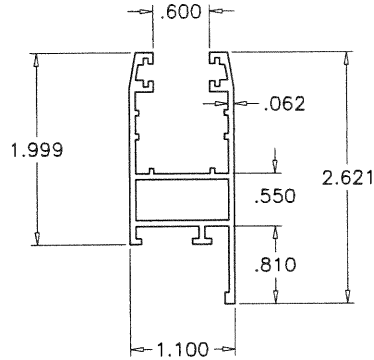
sheet 6 of 7



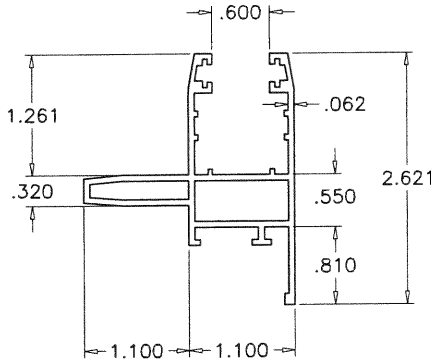
WINDOW FRAME



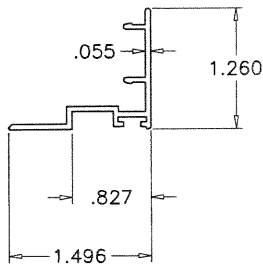
ALT. FLANGE FRAME



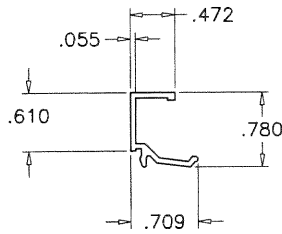
VENT TOP/BOTTOM RAIL, JAMB STILE  
STD. MTG. STILE



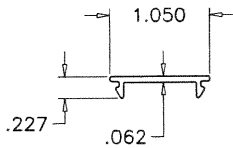
HEAVY DUTY MTG. STILE



INTERLOCK ADAPTER

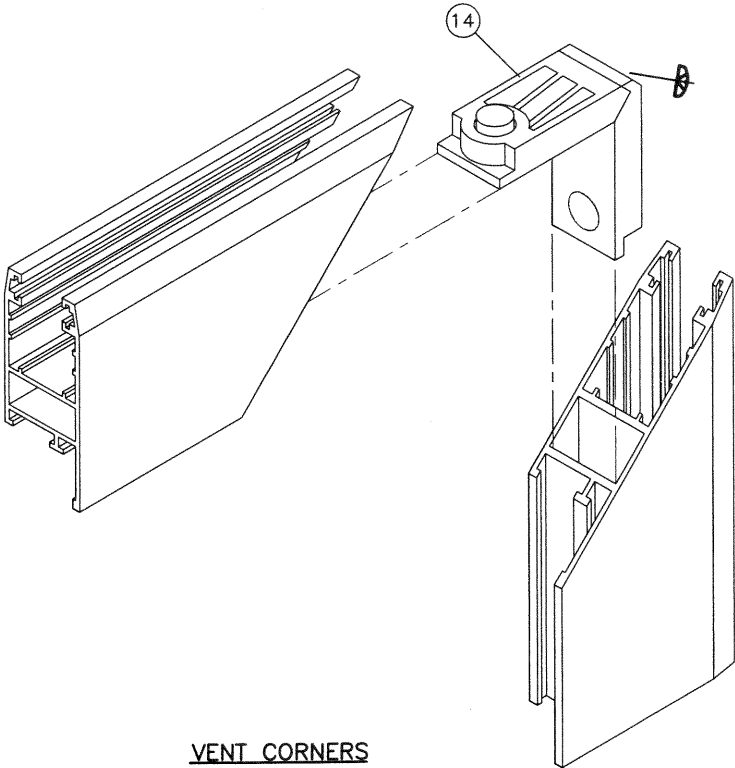


GLAZING BEAD

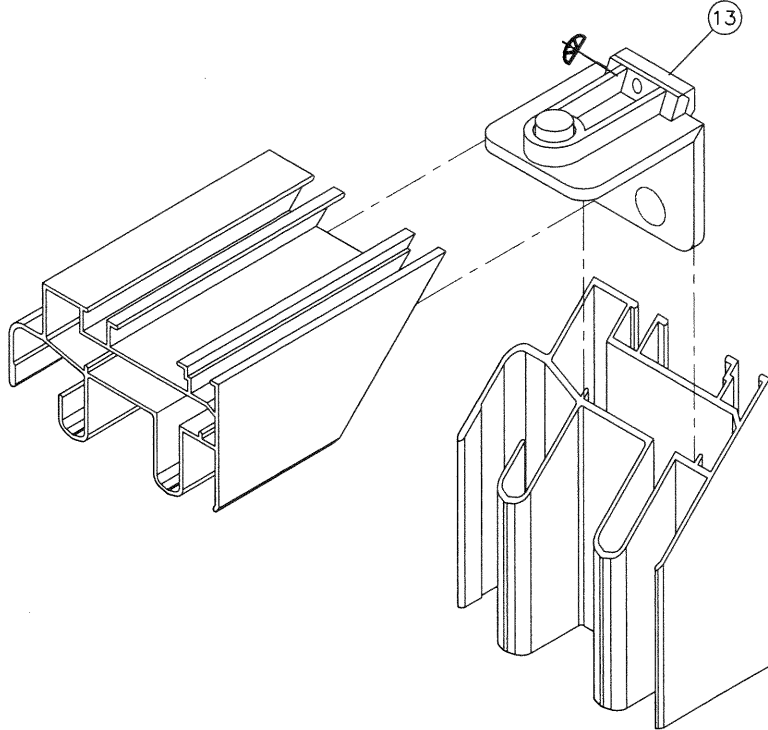


FILLER PLATE

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	VZ-1978	4	WINDOW FRAME	6063-T6	-
1A	-	4	ALT. FLANGE FRAME	6063-T6	-
2	VZ-1930	4	VENT TOP/BOTTOM RAIL, JAMB STILE, STD. MTG. STILE	6063-T6	-
2A	GAH-48178	AS REQD.	HEAVY DUTY MTG. STILE	6063-T6	-
3	VZ-1906	AS REQD.	INTERLOCK ADAPTER	6063-T6	-
4	VZ-1933	AS REQD.	GLAZING BEAD	6063-T6	-
5	-	AS REQD.	SILL RISER	ALUMINUM	-
6	2801	AS REQD.	WEDGE GASKET	EPDM	DUROMETER 75±5 SHORE A
7	PB-69-550-HFB-C	AS REQD.	PILE WITH PLASTIC FIN W'STRIPPING	-	FINSEAL
8	-	AS REQD.	SETTING BLOCKS	EPDM	DUROMETER 80±5 SHORE A
9	-	AS REQD.	FILLER PLATE, 2-1/2" LONG AT ANCHOR LOCATIONS	6063-T6	-
10	2963	1/ VENT	LEVER TYPE FACE MOUNT LOCK	STEEL	GIESSE
11	4896	1/ VENT	LOCK KEEPERS	STEEL	GIESSE
12	3125	2/ VENT	ROLLER ASSEMBLY	-	GIESSE
13	1103	1/ CORNER	CLIP-ON CORNER JOINT	ALUMINUM	GIESSE
14	1160	1/ CORNER	VENT CORNER KEY	ALUMINUM	GIESSE

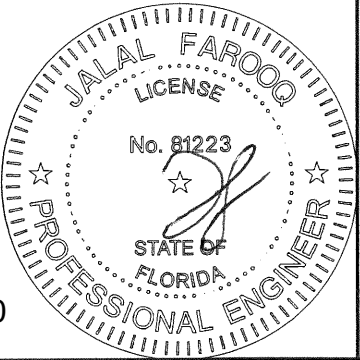


VENT CORNERS



FRAME CORNERS

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**af c**

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E	11.17.08		NO CHANGE THIS SHEET
F	11.04.11		DURO ADDED
G	08.12.15		UPDATED TO 2014 FBC
H	01.26.18		UPDATED TO 2017 FBC
I	11.05.20		UPDATED TO 2020 FBC

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date: 08-21-03  
scale: 1/2" = 1"  
dr. by: TARIQ  
chk. by:

drawing no.  
**W03-71**  
sheet 7 of 7