



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

Universal Impact Windows & Doors, Inc.
1675 West 31st Place
Hialeah, FL 33012

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 "Rebecca" Aluminum Single Hung Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W98-98** titled "Series Rebecca Alum. Single Hung Wdw. (L.M.I.)", sheets 1 through 5 of 5, dated 11/16/98, with revision **J** dated 11/02/23, 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.

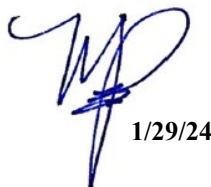
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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 and renews** NOA No. **20-1216.23** and consists of this page 1 and evidence pages E-1, E-2, E-3 and E-4, as well as approval document mentioned above.

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




1/29/24

NOA No. 23-1122.09
Expiration Date: November 13, 2028
Approval Date: February 08, 2024
Page 1

Universal Impact Windows & Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

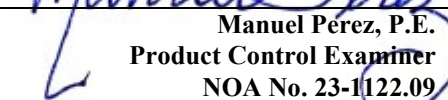
1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 02-1115.04)
2. Drawing No **W98-98**, titled "Series Rebecca Alum. Single Hung Wdw. (L.M.I.)", sheets 1 through 5 of 5, dated 11/16/98, with revision **I** dated 12/02/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
(Submitted under NOA No. 20-1216.23)

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 series "Rebecca" aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5369**, dated 04/12/08, signed and sealed by Carlos S. Rionda, P.E. *(Submitted under NOA No. 08-0926.10)*
2. Test reports on: 1) Air Infiltration Test, per TAS 202-94
2) Uniform Static Air Pressure Test, Loading per TAS 202-94
3) Water Resistance Test, per TAS 202-94
4) Large Missile Impact Test, per TAS 201-94
5) Cyclic Wind Pressure Loading, per TAS 203-94
6) Forced Entry Test, per TAS 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-2198**, dated 01/28/99, signed and sealed by Gilbert Diamond, P.E.
(Submitted under NOA No. 02-1115.04)
3. Test reports on: 1) Air Infiltration Test, per TAS 202-94
2) Uniform Static Air Pressure Test, Loading per TAS 202-94
3) Water Resistance Test, per TAS 202-94
4) Large Missile Impact Test, per TAS 201-94
5) Cyclic Wind Pressure Loading, per TAS 203-94
6) Forced Entry Test, per TAS 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-2282**, dated 01/28/99, signed and sealed by Gilbert Diamond, P.E.
(Submitted under NOA No. 02-1115.04)


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 23-1122.09
Expiration Date: November 13, 2028
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Universal Impact Windows & Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC 6th Edition (2017), dated 02/28/18, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
(Submitted under NOA No. 18-0319.11)
2. Glazing complies with **ASTM E1300-09**

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

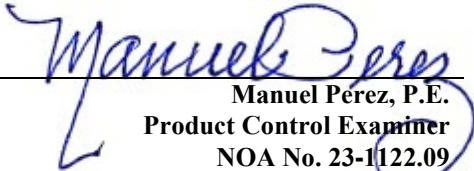
1. Notice of Acceptance No. **20-0915.19** issued to **Kuraray America, Inc.** for their "**SentryGlas® (Clear and White) Glass Interlayers**" dated 11/19/20, expiring on 07/04/23.
2. Notice of Acceptance No. **20-0915.22** issued to **Kuraray America, Inc.** for their "**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**" dated 11/19/20, expiring on 07/08/24.
3. 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.
4. 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.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 6th Edition (2017)**, with **FBC 7th Edition (2020)** and of no financial interest, dated November 26, 2020, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
(Submitted under NOA No. 20-1216.23)

G. OTHERS

1. Notice of Acceptance No. **18-0517.09**, issued to Universal Impact Windows & Doors, Inc. for their Series "Rebecca" Aluminum Single Hung Window – L.M.I., approved on 05/24/18 and expiring on 11/13/23.


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 23-1122.09
Expiration Date: November 13, 2028
Approval Date: February 08, 2024

Universal Impact Windows & Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No **W98-98**, titled “Series Rebecca Alum. Single Hung Wdw. (L.M.I.)”, sheets 1 through 5 of 5, dated 11/16/98, with revision **J** dated 12/02/20, 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) 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 series S-Rebecca single hung window, prepared by QAI Laboratories, Test Report No. **QAI-13366**, dated 10/31/23, signed and sealed by Idalmis Ortega, P.E.

C. CALCULATIONS

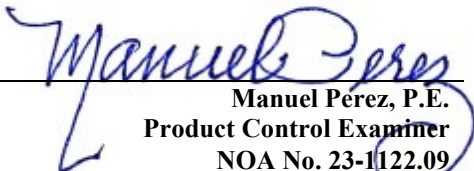
1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **23-0717.30** issued to **Kuraray America, Inc.** for their “**SentryGlas® (Clear and White) Glass Interlayers**” dated 08/31/23, expiring on 07/04/28.
2. Notice of Acceptance No. **23-0717.28** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**” dated 08/24/23, expiring on 07/08/24.
3. 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.
4. Notice of Acceptance No. **23-0523.01** issued to **Polymer Extrusion Technology, Inc.** dba Glasslam for their “**Glasslam Safety-Plus II Glass Interlayer**” dated 06/15/23, expiring on 08/07/28.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 23-1122.09
Expiration Date: November 13, 2028
Approval Date: February 08, 2024

Universal Impact Windows & Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

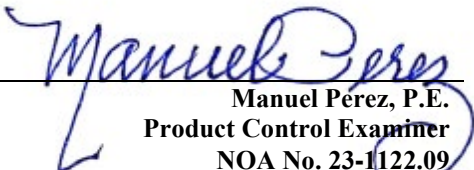
2. NEW EVIDENCE SUBMITTED (CONTINUED)

F. STATEMENTS

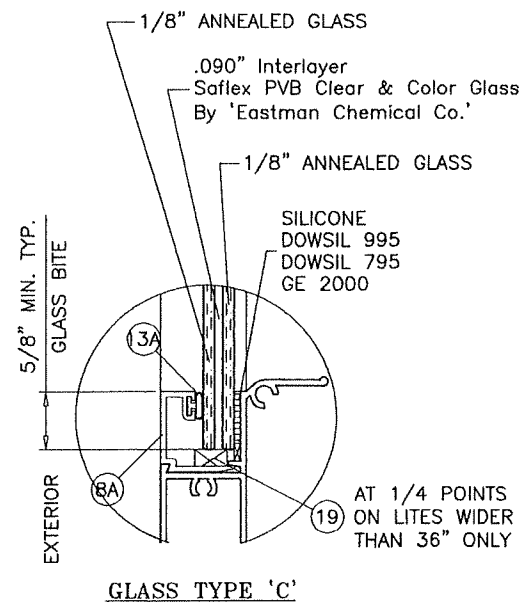
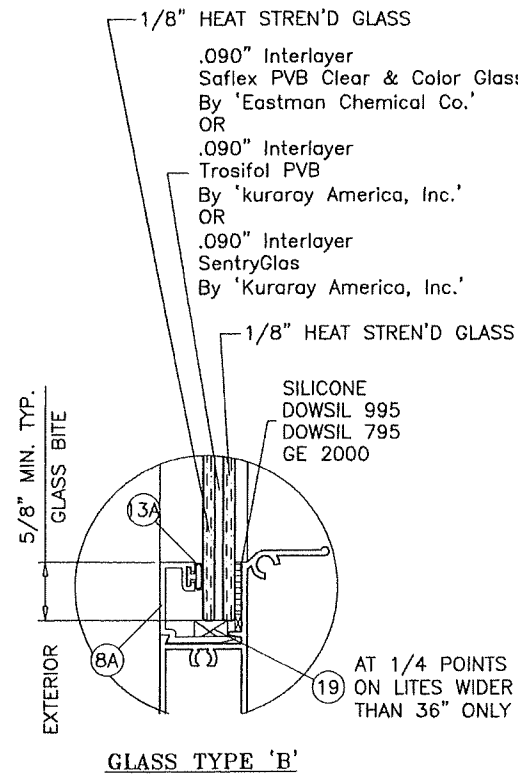
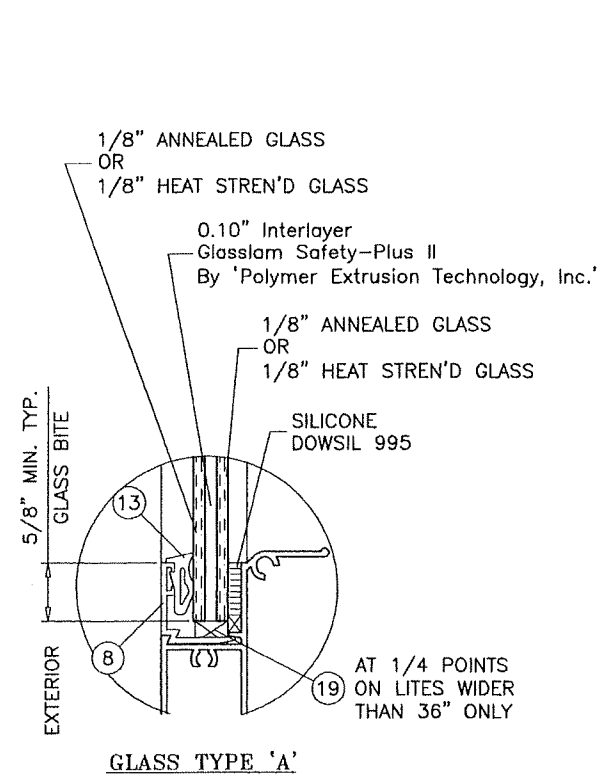
1. Statement letter of conformance, complying with **FBC 7th Edition (2020)**, with **FBC 8th Edition (2023)** and of no financial interest, dated November 21, 2023, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
2. Proposal No. **23-0248** issued by the Product Control Section, dated April 6, 2023, signed by Manuel Perez, P.E.

G. OTHERS

1. Notice of Acceptance No. **20-1216.23**, issued to Universal Impact Windows & Doors, Inc. for their Series “Rebecca” Aluminum Single Hung Window – L.M.I., approved on 03/25/21 and expiring on 11/13/23.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 23-1122.09

Expiration Date: November 13, 2028
Approval Date: February 08, 2024



GLAZING OPTIONS

SERIES REBECCA ALUMINUM SINGLE HUNG 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 S.H./S.H. OR SINGLE HUNG 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 2020 (7TH EDITION)/2023 (8TH 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.

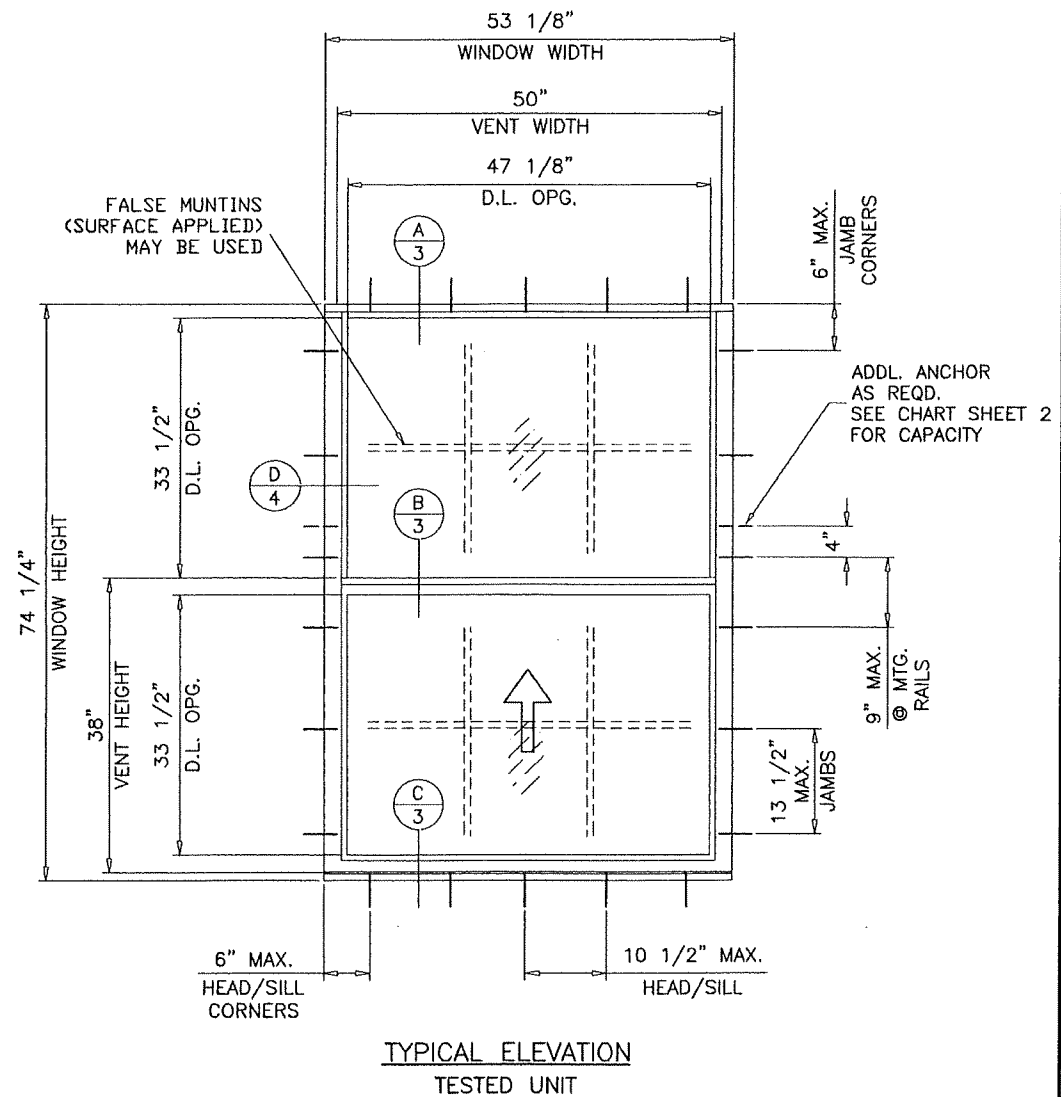
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

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 2020/2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

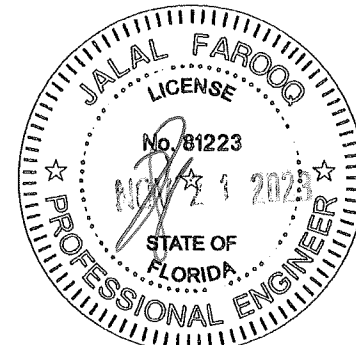
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, 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. **23-1122.09**
Expiration Date: **11/13/2028**
By: *Manuel Perez*
Miami-Dade Product Control



af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W98-98UW

SERIES REBECCA ALUM. SINGLE HUNG WDW. (L.M.I.)
Universal Impact Windows & Doors, Inc.
1675 West 31st Place
Hialeah, Florida 33012
Tel. (305) 825-7900 Fax (305) 825-5805

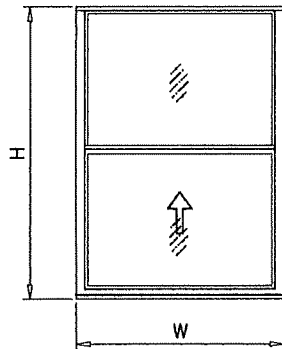
no.	date	by	description
F	01.19.15		UPDATED TO 2014 FBC
G	07.22.16		REV. PER PER COMMENTS
H	11.08.17		UPDATED TO 2017 FBC
I	12.02.20		UPDATED TO 2020 FBC
J	11.02.23		UPDATED TO 2023 FBC

date: 11-16-98
scale: 1/2"=1'-0"
dr. by: TARIQ
chk. by:
drawing no.
W98-98
sheet 1 of 5

EQUAL LITES WINDOWS DESIGN LOAD CAPACITY - PSF							
WINDOW DIMS.		GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'C'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
19-1/8"	26" (3) *	80.0	90.0	90.0	143.0	70.0	70.0
26-1/2"		80.0	90.0	90.0	143.0	70.0	70.0
37"		80.0	90.0	90.0	143.0	70.0	70.0
48"		80.0	90.0	90.0	143.0	70.0	70.0
53-1/8"		80.0	90.0	90.0	143.0	70.0	70.0
19-1/8"	38-3/8" (4)	80.0	90.0	90.0	143.0	70.0	70.0
26-1/2"		80.0	90.0	90.0	143.0	70.0	70.0
37"		80.0	90.0	90.0	143.0	70.0	70.0
48"		80.0	90.0	90.0	143.0	70.0	70.0
53-1/8"		80.0	90.0	90.0	143.0	70.0	70.0
19-1/8"	50-5/8" (4)	80.0	90.0	90.0	143.0	70.0	70.0
26-1/2"		80.0	90.0	90.0	143.0	70.0	70.0
37"		80.0	90.0	90.0	143.0	70.0	70.0
48"		80.0	90.0	90.0	138.1	70.0	70.0
53-1/8"		80.0	90.0	90.0	118.5	70.0	70.0
19-1/8"	57" (5)	80.0	90.0	90.0	143.0	70.0	70.0
26-1/2"		80.0	90.0	90.0	143.0	70.0	70.0
37"		80.0	90.0	90.0	143.0	70.0	70.0
48"		80.0	90.0	90.0	129.3	70.0	70.0
53-1/8"		80.0	90.0	90.0	110.1	70.0	70.0
19-1/8"	63" (5)	80.0	90.0	90.0	143.0	70.0	70.0
26-1/2"		80.0	90.0	90.0	143.0	70.0	70.0
37"		80.0	90.0	90.0	143.0	70.0	70.0
48"		80.0	90.0	90.0	123.3	70.0	70.0
53-1/8"		80.0	90.0	90.0	104.2	70.0	70.0
19-1/8"	74-1/4" (6)	80.0	90.0	90.0	143.0	70.0	70.0
26-1/2"		80.0	90.0	90.0	143.0	70.0	70.0
37"		80.0	90.0	90.0	143.0	70.0	70.0
48"		-	-	90.0	116.4	70.0	70.0
53-1/8"		-	-	90.0	96.6	70.0	70.0
19-1/8"	76" (6)	-	-	90.0	143.0	70.0	70.0
26-1/2"		-	-	90.0	143.0	70.0	70.0
37"		-	-	90.0	143.0	70.0	70.0
48"		-	-	90.0	115.7	70.0	70.0
53-1/8"		-	-	90.0	96.6	70.0	70.0
19-1/8"	84" (7)	-	-	90.0	143.0	70.0	70.0
26-1/2"		-	-	90.0	143.0	70.0	70.0
37"		-	-	90.0	143.0	70.0	70.0
48"		-	-	90.0	143.0	70.0	70.0
53-1/8"		-	-	90.0	143.0	70.0	70.0
19-1/8"	96" (8)	-	-	90.0	143.0	70.0	70.0
26-1/2"		-	-	90.0	143.0	70.0	70.0
37"		-	-	90.0	143.0	70.0	70.0
48"		-	-	90.0	143.0	70.0	70.0
53-1/8"		-	-	90.0	143.0	70.0	70.0
48"	50-5/8" (5)	-	-	90.0	143.0	-	-
53-1/8"		-	-	90.0	137.8	-	-
48"	57" (6)	-	-	90.0	143.0	-	-
53-1/8"		-	-	90.0	127.4	-	-
48"	63" (6)	-	-	90.0	138.9	-	-
53-1/8"		-	-	90.0	119.9	-	-
48"	74-1/4" (7)	-	-	90.0	129.2	-	-
53-1/8"		-	-	90.0	110.0	-	-
48"	76" (7)	-	-	90.0	128.1	-	-

* NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.

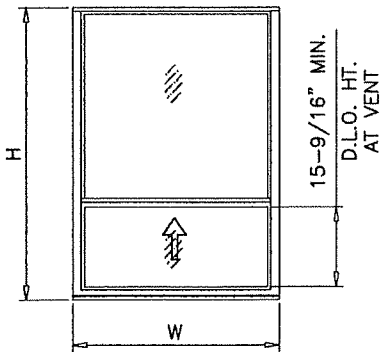
ADDL. ANCHOR AT MTC. RAIL



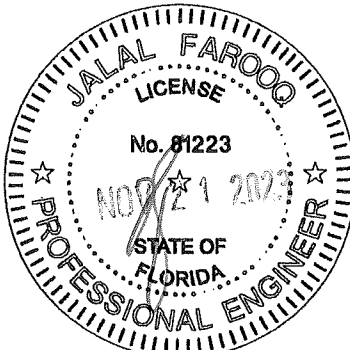
NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

UNEQUAL LITES (ORIEL TYPES) WINDOWS DESIGN LOAD CAPACITY - PSF					
WINDOW DIMS.		GLASS TYPE 'B'		GLASS TYPE 'C'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
19-1/8"	50-5/8" (4)	90.0	143.0	70.0	70.0
26-1/2"		90.0	143.0	70.0	70.0
37"		90.0	143.0	70.0	70.0
48"		90.0	139.4	70.0	70.0
53-1/8"		90.0	121.0	70.0	70.0
19-1/8"	57" (5)	90.0	143.0	70.0	70.0
26-1/2"		90.0	143.0	70.0	70.0
37"		90.0	143.0	70.0	70.0
48"		90.0	136.4	70.0	70.0
53-1/8"		90.0	121.0	70.0	70.0
19-1/8"	63" (5)	90.0	143.0	70.0	70.0
26-1/2"		90.0	143.0	70.0	70.0
37"		90.0	143.0	70.0	70.0
48"		90.0	143.0	70.0	70.0
53-1/8"		90.0	143.0	70.0	70.0
19-1/8"	74-1/4" (6)	90.0	143.0	70.0	70.0
26-1/2"		90.0	143.0	70.0	70.0
37"		90.0	143.0	70.0	70.0
48"		90.0	143.0	70.0	70.0
53-1/8"		90.0	143.0	70.0	70.0
19-1/8"	76" (6)	90.0	143.0	70.0	70.0
26-1/2"		90.0	143.0	70.0	70.0
37"		90.0	143.0	70.0	70.0
48"		90.0	143.0	70.0	70.0
53-1/8"		90.0	143.0	70.0	70.0
19-1/8"	84" (7)	90.0	143.0	70.0	70.0
26-1/2"		90.0	143.0	70.0	70.0
37"		90.0	143.0	70.0	70.0
48"		90.0	143.0	70.0	70.0
53-1/8"		90.0	143.0	70.0	70.0
48"	50-5/8" (5)	90.0	143.0	-	-
53-1/8"		90.0	140.4	-	-
48"	57" (6)	90.0	143.0	-	-

* NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.



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As complying with the Florida
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By: *Manuel Fern*
Miami-Dade Product Control



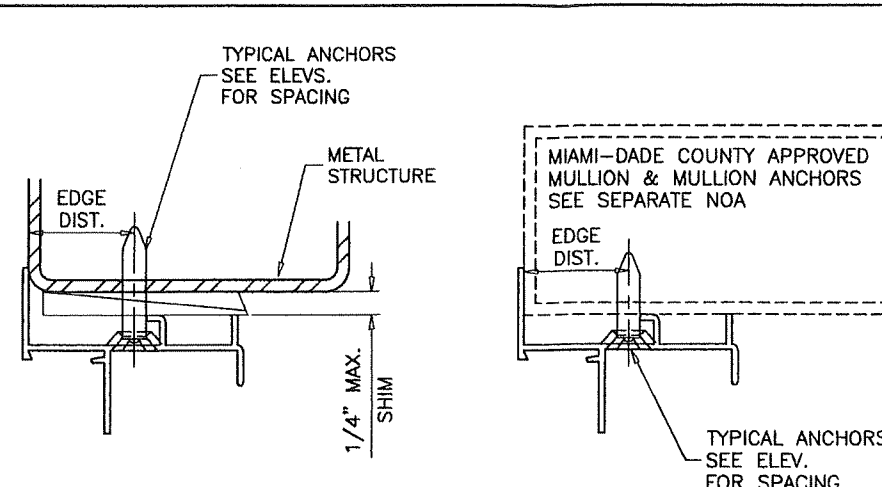
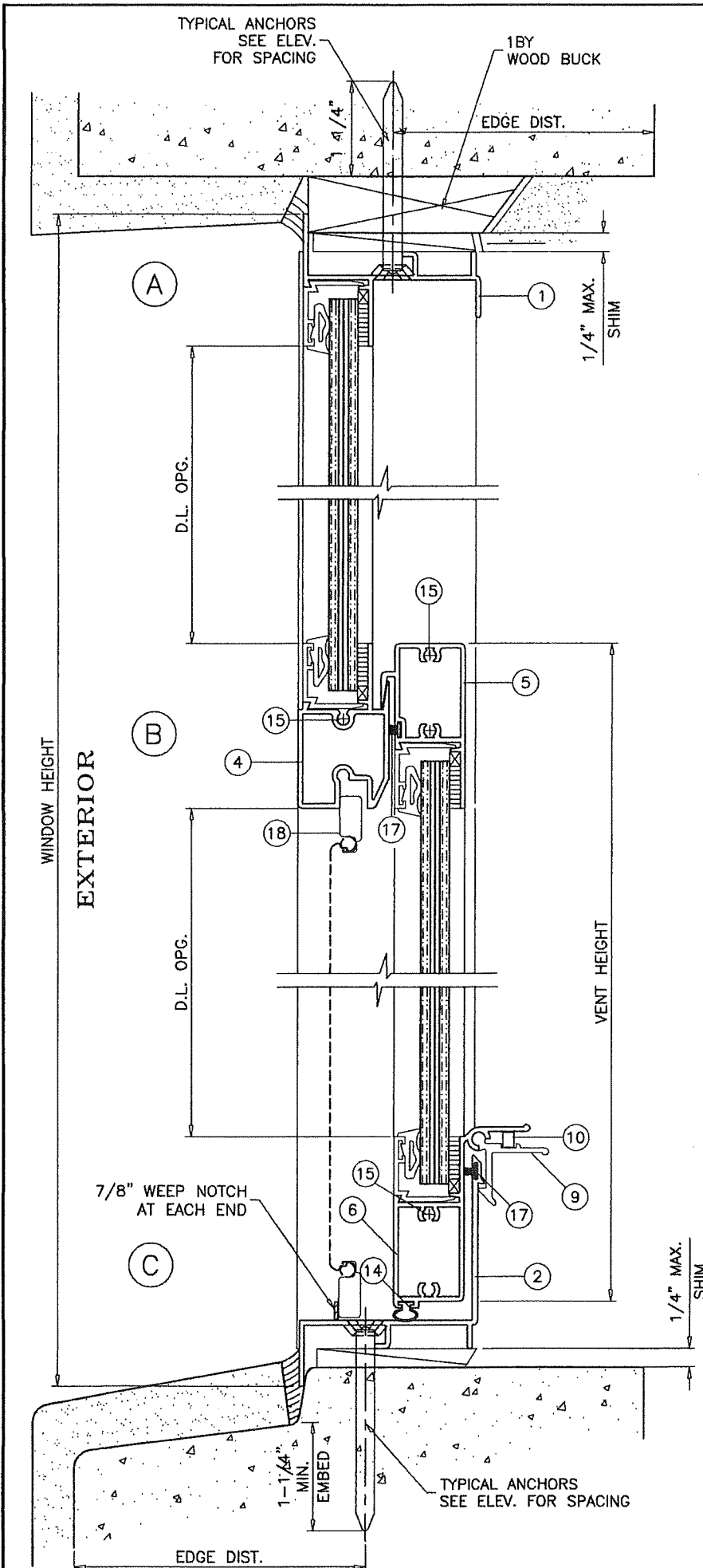
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL (305) 264-8100 FAX (305) 262-6978
(C.A.N. 3538)

SERIES REBECCA ALUM. SINGLE HUNG WDW. (L.M.I.)
Universal Impact Windows & Doors, Inc.
1675 West 31st Place
Hialeah, Florida 33012
Tel. (305) 825-7900 Fax (305) 825-5805

revisions:		by	description
no	date		
F	01.19.15		NO CHANGE THIS SHEET
G	07.22.16		NO CHANGE THIS SHEET
H	11.08.17		UPDATED TO 2017 FBC
I	12.02.20		UPDATED TO 2020 FBC
J	11.02.23		UPDATED TO 2023 FBC

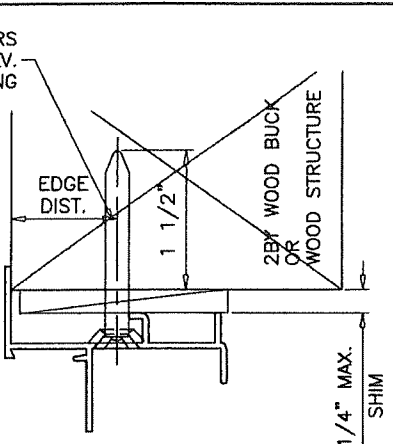
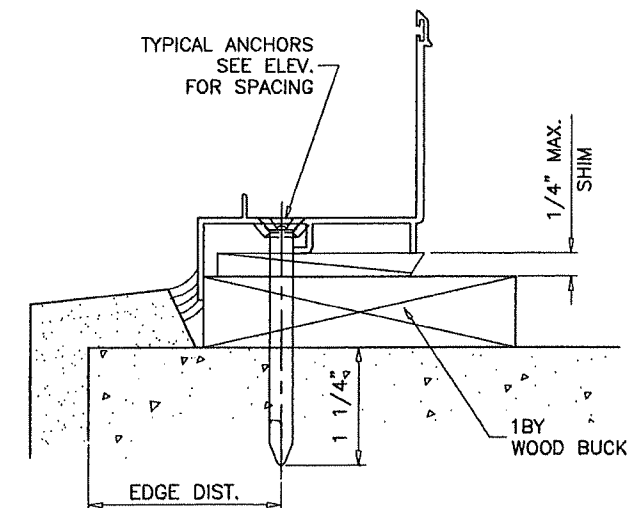
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drawing no.	W98-98		
sheet 2 of 5			

COMP-ANL\W98-98UW



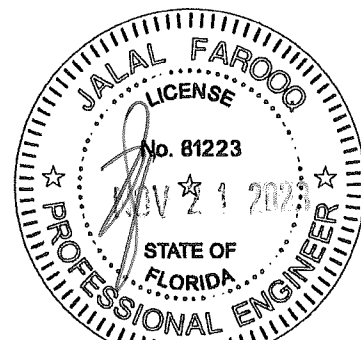
WOOD BUCKS AND METAL STRUCTURE NOT BY 'UNIVERSAL' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

SEALANT:
 FRAME CORNERS, FRAME SILL INSTALLATION SCREWS, VENT CORNER SEAMS AND FIXED MEETING RAIL AT END SEALED WITH CLEAR/ALUMINUM COLORED SEALANT.



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
 (3) THREADS MIN. PENETRATION BEYOND SUBSTRATE
 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)
TYPICAL 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.

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 By: *Manuel Ferrer*
 Miami-Dade Product Control



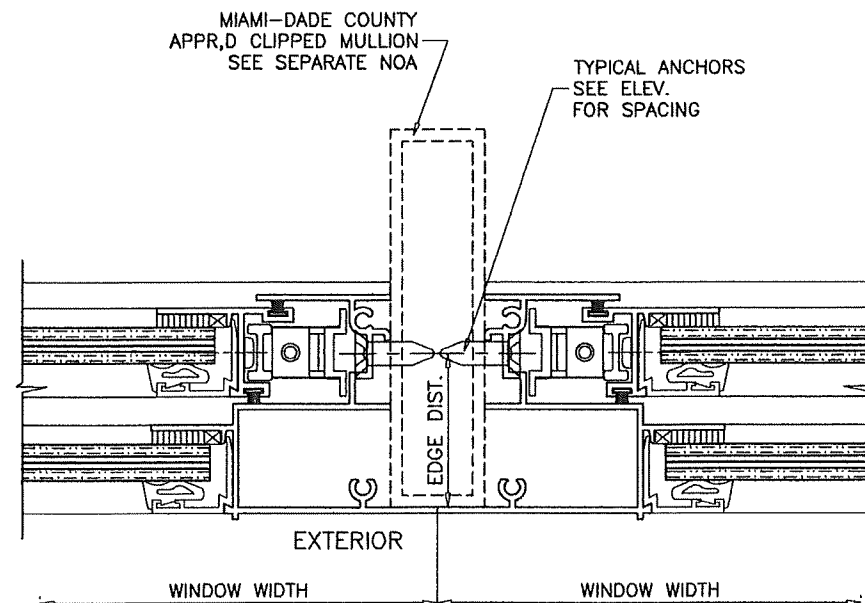
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
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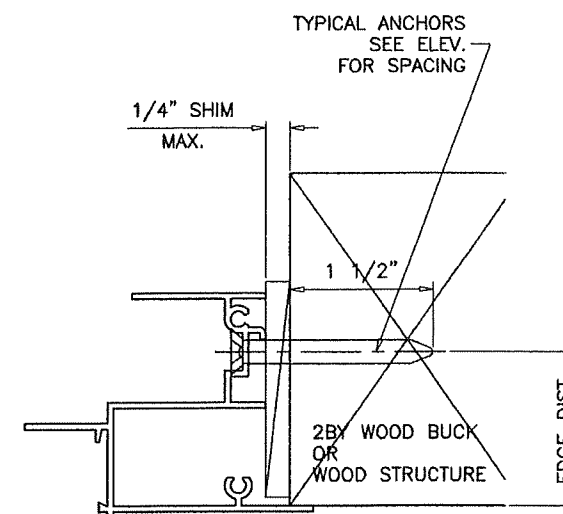
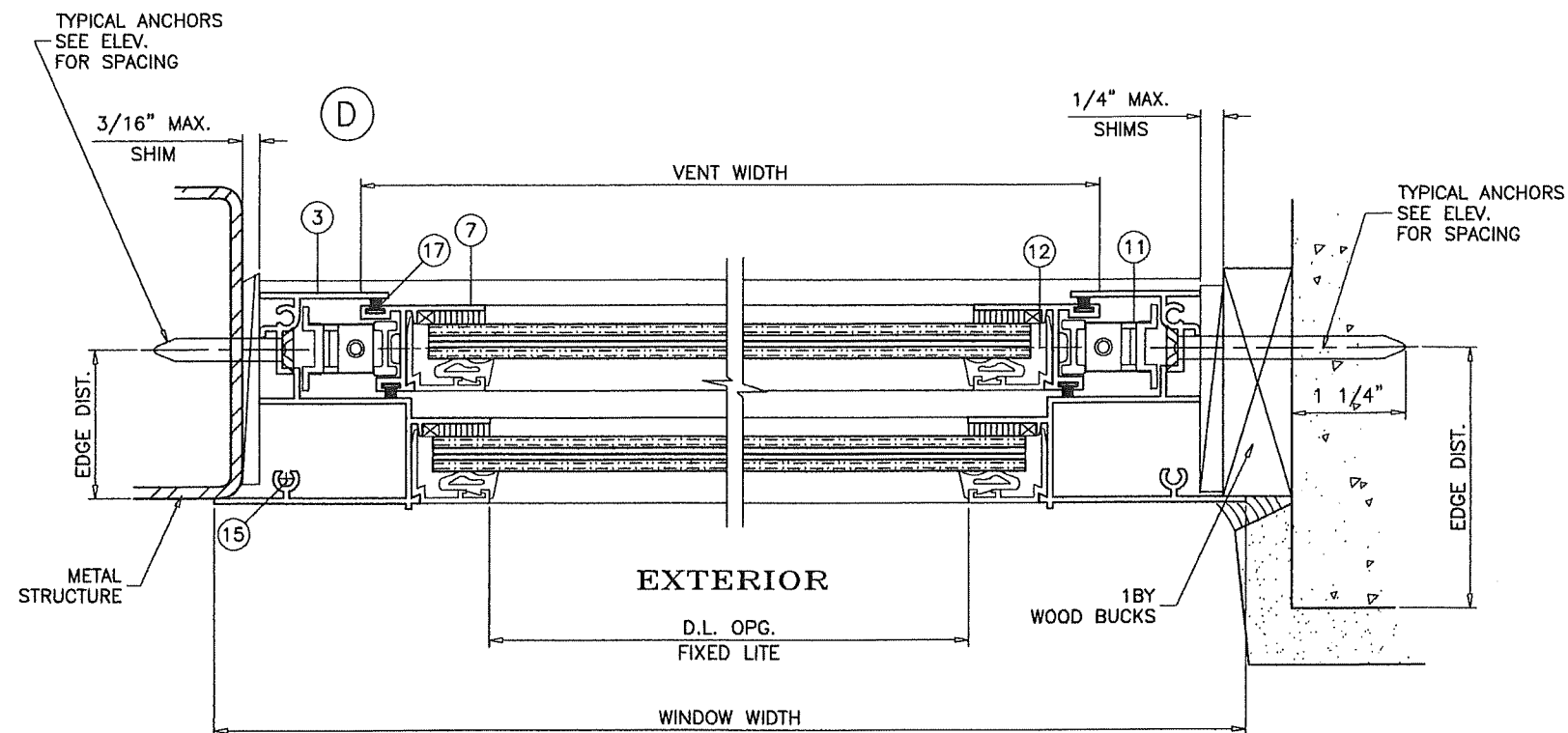
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no	date	by	description
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 scale: 1/2" = 1"
 dr. by: TARIQ
 chg. by:

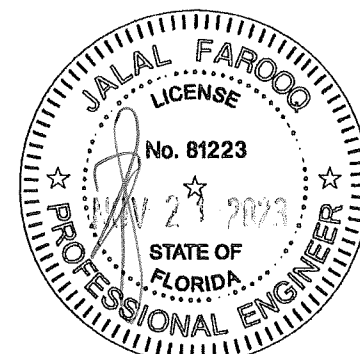
drawing no.
W98-98
 sheet 3 of 5



ITEM #	PART #	REQD.	DESCRIPTION	REMARKS
1	U-5001	1	FRAME HEAD	6063-T6
2	U-5002	1	FRAME SILL	6063-T6
3	U-5003	2	FRAME JAMB	6063-T6
4	U-5004	1	FIXED MTG. RAIL	6063-T6
5	U-5005	1	VENT TOP RAIL	6063-T6
6	U-5006	1	VENT BOTTOM RAIL	6063-T6
7	U-5007	2	VENT JAMB	6063-T6
8	UA-5008	AS REQD.	GLAZING BEAD	6063-T5
8A	UA-47512	AS REQD.	GLAZING BEAD	6063-T5
9	UA-5009	2/VENT	VENT LATCH @ 6" FROM ENDS	6063-T5
10	UA-5010	1/LATCH	LEAF SPRING	STAINLESS STEEL
11	UA-5011	2/ VENT	BALANCE STOP	6063-T5
12	-	2/VENT	BALANCE STOP SCREW	#6 x 1/2" SMS
13	PS-1127 E	AS REQD.	GLAZING WEDGE GASKET	VINYL, TREMCO OR EQUIV., DUROMETER 70±5 SHORE A
13A	-	AS REQD.	BULB VINYL	SOFT PVC
14	UA-5013	AS REQD.	BOTTOM RAIL VINYL	BULB VINYL BY TEAM PLASTICS
15	-	AS REQD.	ASSEMBLY SCREWS	#10 x 1" P.H. CRS
16	-	2	BLOCK & TACKLE BALANCE	5/8" BOX, BALANCE SYSTEMS INC. OR EQ.
17	-	AS REQD.	PILE WEATHERSTRIP	SCHLEGEL FIN SEAL OR EQUIV.
18	-	1	5/16" BOX SCREEN	OPTIONAL
19	-	AS REQD.	SETTING BLOCKS	EPDM, DUROMETER 80±5 SHORE A



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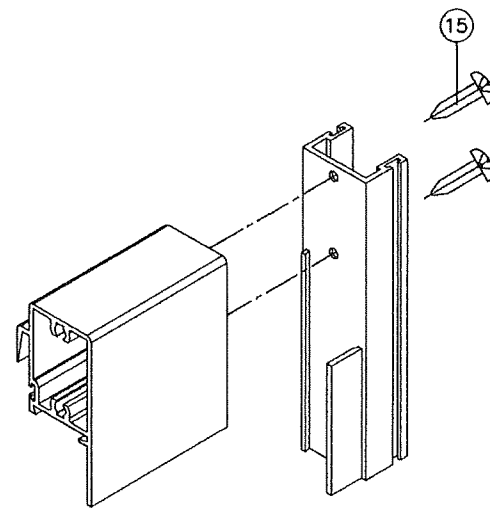
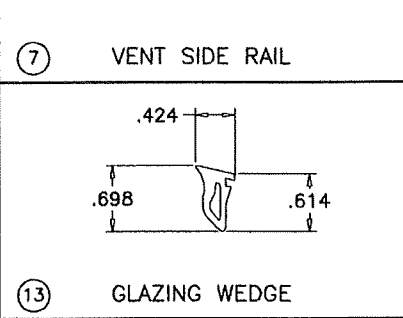
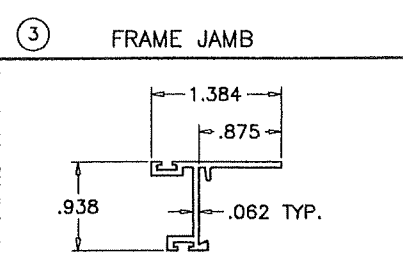
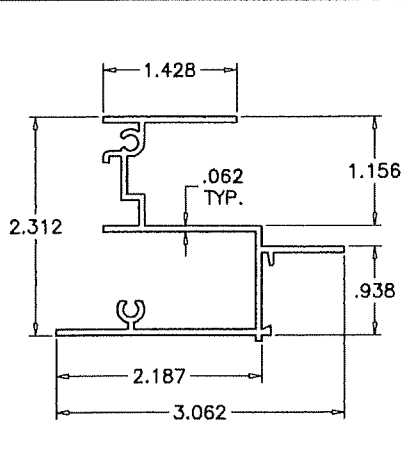
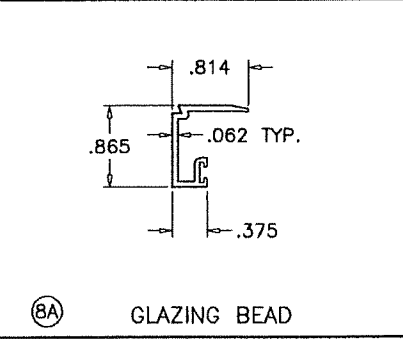
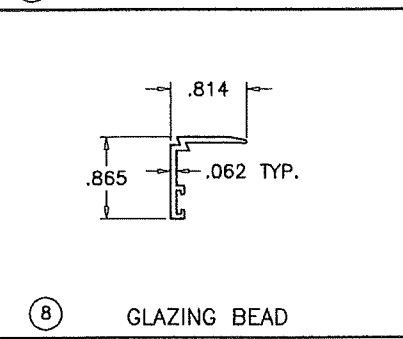
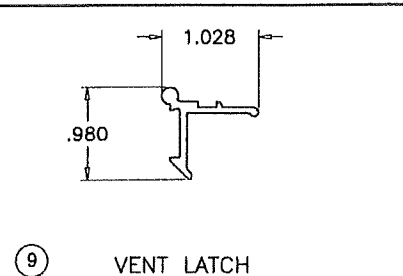
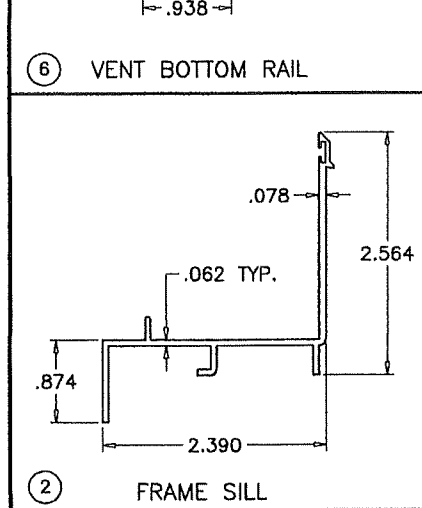
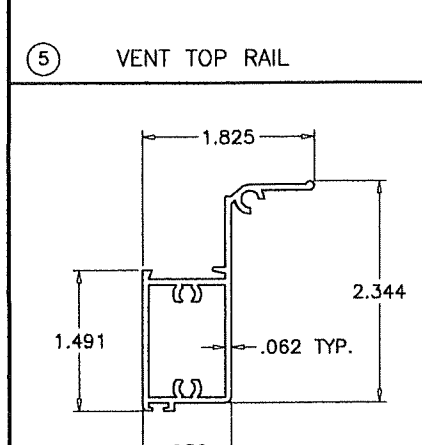
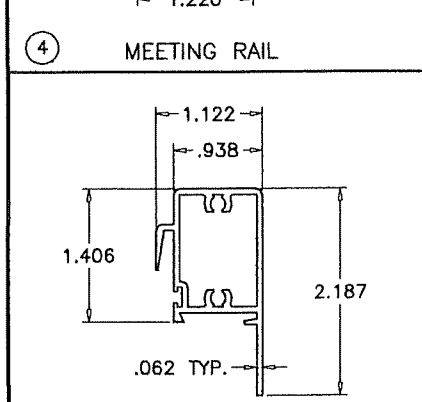
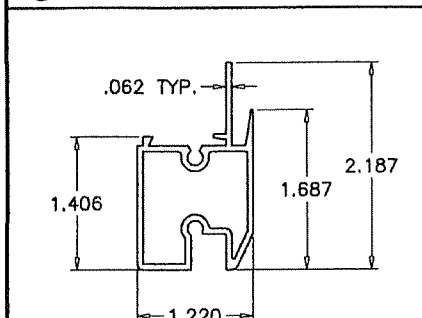
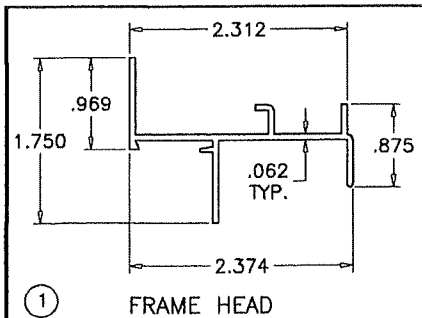


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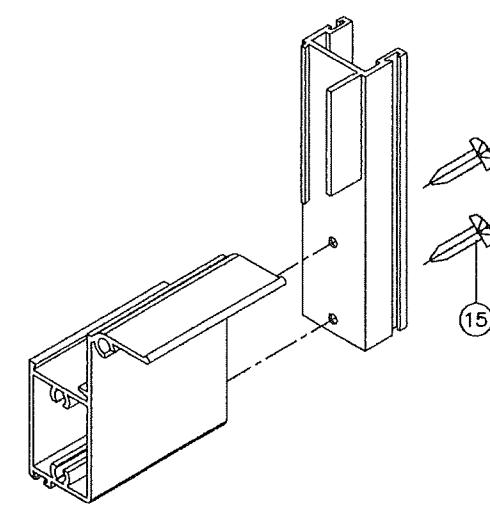
SERIES REBECCA ALUM. SINGLE HUNG WDW. (L.M.I.)
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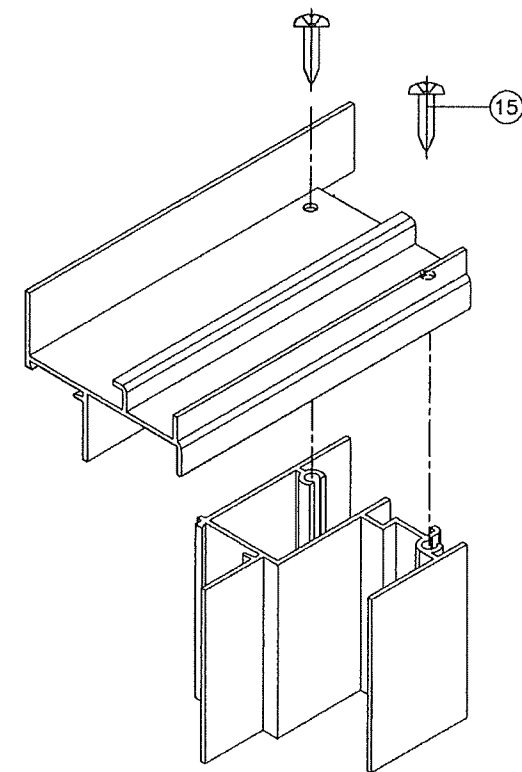
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drawing no. W98-98		sheet 4 of 5	



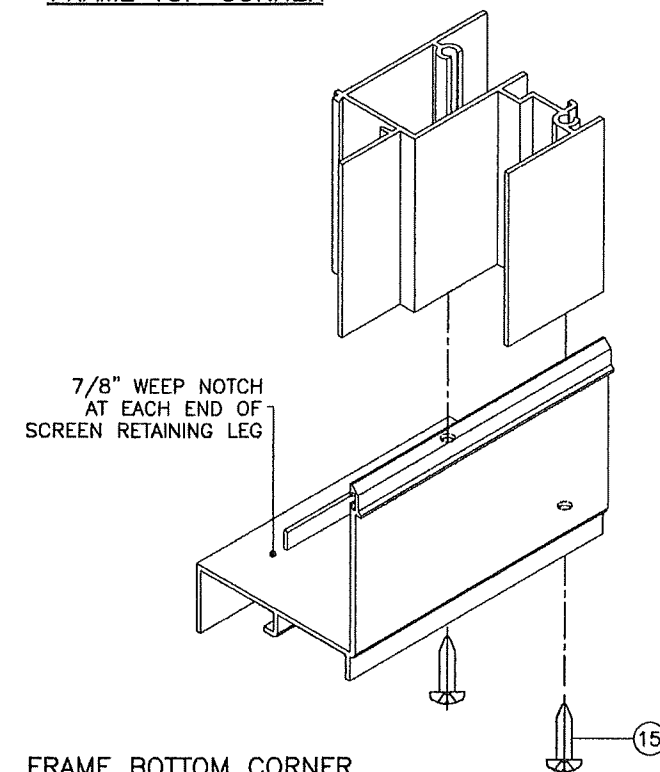
VENT TOP CORNER



VENT BOTTOM CORNER

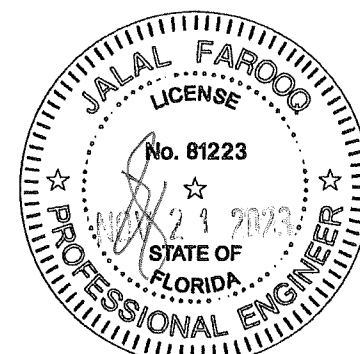


FRAME TOP CORNER



FRAME BOTTOM CORNER

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