



**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)

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

**NOTICE OF ACCEPTANCE (NOA)**

**Impact Window Company Acquisition, LLC  
4201 N.E. 12<sup>th</sup> Terrace  
Oakland Park, 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 Single Hung Window – L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **W03-53**, titled "Aluminum Single Hung Window (L.M.I.)", sheets 1 through 8 of 8, dated 07/14/03, with revision "**K**" 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# 20-0129.11** and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

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



*S.Z.*

03/11/2021

**NOA No. 20-1216.22  
Expiration Date: March 05, 2025  
Approval Date: March 11, 2021  
Page 1**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **W03-53**, titled "Aluminum Single Hung Window (L.M.I.)", sheets 1 through 8 of 8, dated 07/14/03, with revision J dated 01/23/20, 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) Large Missile Impact Test, per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading, per FBC, TAS 203-94  
6) Force Entry Test, per FBC 2411 3.2.1 and TAS 202-94  
along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by American Test Lab of South Florida, Test Report No. **ATLSF-0527.01-03**, dated 06/12/03, signed and sealed by Henry Hattem, P.E.  
*(Submitted under NOA# 03-1201.02)*
2. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
2) Large Missile Impact Test, per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading, per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by American Test Lab of South Florida, Test Report No. **ATLSF-1109.01-04**, dated 01/25/05, signed and sealed by William R. Mehner, P.E. *(Submitted under NOA# 05-0215.04)*

**C. CALCULATIONS**

1. Revised Anchor verification calculations and structural analysis, complying with **FBC 6<sup>th</sup> Edition (2017)**, dated 03/06/18, 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)

**E. MATERIAL CERTIFICATIONS**

1. NOA No. **11-0624.02** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont SentryGlas® Interlayer**" dated 08/25/11, expiring on 01/14/17.
2. NOA No. **13-0129.27** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont Butacite® PVB Interlayer**" dated 04/11/13, expiring on 12/11/16.



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Sifang Zhao, P.E.  
Product Control Examiner  
NOA No. 20-1216.22  
Expiration Date: March 05, 2025  
Approval Date: March 11, 2021

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**F. MATERIAL CERTIFICATIONS (CONTINUED)**

3. NOA No. **14-0423.17** issued to **Eastman Chemical Company (MA)** for their “**Saflex Clear and Color Glass Interlayers**” dated 06/19/14, expiring on 05/21/16.

**G. STATEMENTS**

1. Statement letter of conformance, complying with **FBC-5<sup>th</sup> Edition (2014)**, and of no financial interest, dated August 4, 2014, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Laboratory compliance letter for Test Report No. **ATLSF-1109.01-04**, issued by American Test Lab of South Florida, dated 01/25/05, signed and sealed by William R. Mehner, P.E. and Henry Hattem, P.E. *(Submitted under NOA#05-0215.04)*
3. Proposal No. **14-0732** issued by the Product Control Section, dated July 1, 2014, signed by Manuel Perez, P.E.

**G. OTHER**

1. NOA No. **14-0903.05** issued to Innovative Window Concepts, LLC for their Aluminum Single Hung Window - L.M.I. approved on 10/30/14 and expiring on 02/19/19.

**2. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **W03-53**, titled “Aluminum Single Hung Window (L.M.I.)”, sheets 1 through 8 of 8, dated 07/14/03, with revision “**K**” dated 11/05/20, 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 6<sup>th</sup> Edition (2017)** and **7<sup>th</sup> Edition (2020)**, dated 12/09/2020, 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. 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. **20-0915.22** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**”, expiring on 07/08/24.

Sifang Zhao, P.E.  
Product Control Examiner  
NOA No. 20-1216.22  
Expiration Date: March 05, 2025  
Approval Date: March 11, 2021

**Impact Window Company Acquisition, LLC**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**E. MATERIAL CERTIFICATIONS (CONTINUED)**

3. 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 6th Edition (2017)**, with **FBC 7th Edition (2020)**, and of no financial interest, dated 12/09/2020, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

**G. OTHERS**

1. NOA No. **20-0129.11** issued to Impact Window Company Acquisition, LLC for their Aluminum Single Hung Window - L.M.I. approved on 03/05/2020 and expiring on 03/05/25.



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Sifang Zhao, P.E.  
Product Control Examiner  
NOA No. 20-1216.22  
Expiration Date: March 05, 2025  
Approval Date: March 11, 2021

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

LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL  
WILL APPLY TO ENTIRE SYSTEM.

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

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.

HEAD/SILL ANCHORS NOT REQD.  
FOR WINDOWS THAT REQUIRE  
62 PSF OR LESS  
DESIGN PRESSURES



TESTED UNITS

By                       
Miami-Dade Product Control

A circular professional engineer seal for the State of Florida. The outer ring contains the text "JALAL FAROOQ" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside this ring is a dotted circle. Within the dotted circle, the word "LICENSE" is at the top, "No. 81223" is in the center, and "STATE OF FLORIDA" is at the bottom. A large, stylized signature is written across the center of the seal, overlapping the license number and the state name.

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

**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)

ALUMINUM SINGLE HUNG WINDOW (L.M.I.)

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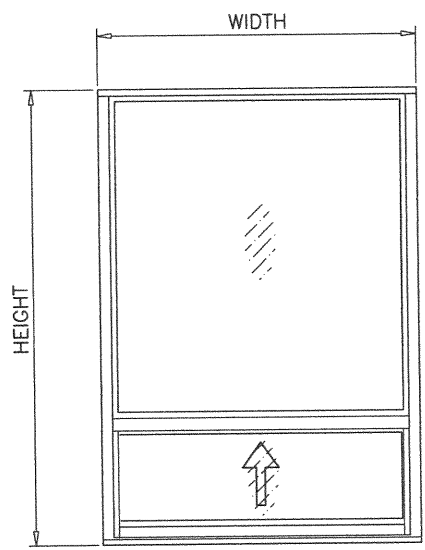
**Impact Window Company Acquisition, LLC**  
4201 N.E. 12th Terrace  
Oakland Park, FL 33334  
Tel. (954) 769-1201 Fax. (-)

date: 07-14-03		drawing no.	
scale: 1/2" = 1'-0"		W03-53	
dr. by: TARIQ		sheet 1 of 8	
chk. by:			

revisions:		
no	date	by description
H	03.13.18	UPDATED TO 2017 FBC
i	07.23.18	MANUF. NAME REV.
J	01.23.20	MANUF. NAME REV.
K	11.05.20	UPDATED TO 2020 FBC

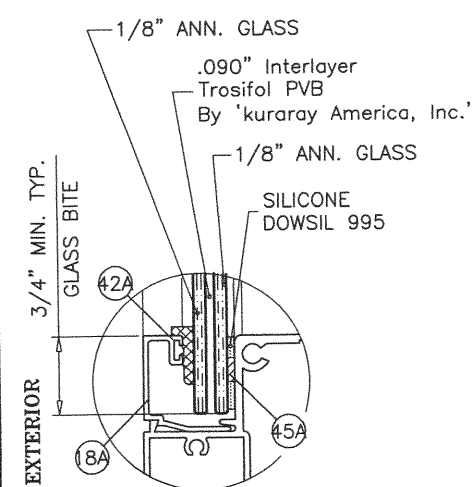
UNEQUAL LITES WINDOWS									
DESIGN LOAD CAPACITY - PSF									
FLANGE DIMS.		SERIES 1030		SERIES 1040		SERIES 1041		SERIES 1062	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
19-1/8"	50-5/8" (4)	65.0	72.5	62.0	62.0	62.0	75.0	90.0	130.0
24"		65.0	72.5	62.0	62.0	62.0	75.0	90.0	130.0
26-1/2"		65.0	72.5	62.0	62.0	62.0	75.0	90.0	130.0
32"		65.0	72.5	62.0	62.0	62.0	75.0	90.0	130.0
37"		65.0	72.5	62.0	62.0	62.0	75.0	90.0	130.0
40"		65.0	72.5	62.0	62.0	62.0	75.0	90.0	130.0
48"		65.0	72.5	62.0	62.0	62.0	75.0	90.0	130.0
53-1/8"		65.0	65.2	62.0	62.0	62.0	75.0	90.0	130.0
19-1/8"	63" (5)	65.0	72.5	62.0	62.0	62.0	75.0	90.0	130.0
24"		65.0	72.5	62.0	62.0	62.0	75.0	90.0	130.0
26-1/2"		65.0	72.5	62.0	62.0	62.0	75.0	90.0	130.0
32"		65.0	72.5	62.0	62.0	62.0	75.0	90.0	130.0
37"		65.0	72.5	62.0	62.0	62.0	75.0	90.0	130.0
40"		-	-	62.0	62.0	62.0	75.0	90.0	130.0
48"		-	-	62.0	62.0	62.0	75.0	90.0	130.0
53-1/8"		-	-	62.0	62.0	62.0	75.0	90.0	129.6
19-1/8"	76" (6)	65.0	72.5	62.0	62.0	62.0	75.0	90.0	130.0
24"		65.0	72.5	62.0	62.0	62.0	75.0	90.0	130.0
26-1/2"		65.0	72.5	62.0	62.0	62.0	75.0	90.0	130.0
32"		-	-	62.0	62.0	62.0	75.0	90.0	130.0
37"		-	-	62.0	62.0	62.0	75.0	90.0	130.0
40"		-	-	62.0	62.0	62.0	75.0	90.0	130.0
48"		-	-	62.0	62.0	62.0	75.0	90.0	130.0
53-1/8"		-	-	62.0	62.0	62.0	75.0	90.0	128.1
19-1/8"	84" (7)	65.0	72.5	62.0	62.0	62.0	75.0	90.0	130.0
24"		65.0	72.5	62.0	62.0	62.0	75.0	90.0	130.0
26-1/2"		-	-	62.0	62.0	62.0	75.0	90.0	130.0
32"		-	-	62.0	62.0	62.0	75.0	90.0	130.0
37"		-	-	62.0	62.0	62.0	75.0	90.0	130.0
40"		-	-	62.0	62.0	62.0	75.0	90.0	130.0
19-1/8"	96" (8)	65.0	72.5	62.0	62.0	62.0	75.0	90.0	130.0
24"		-	-	62.0	62.0	62.0	75.0	90.0	130.0
26-1/2"		-	-	62.0	62.0	62.0	75.0	90.0	130.0
32"		-	-	62.0	62.0	62.0	75.0	90.0	130.0
37"		-	-	62.0	62.0	62.0	75.0	90.0	130.0

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

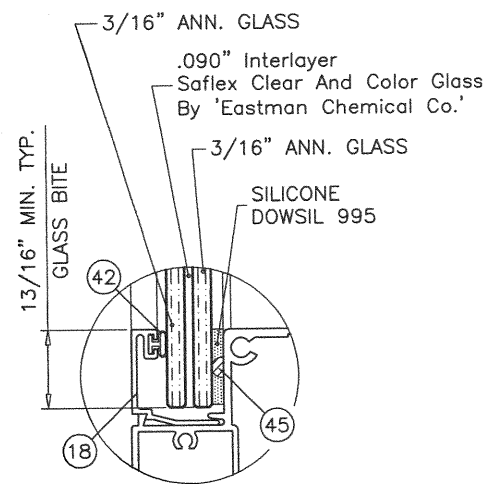


UNEQUAL LITES (ORIEL TYPE)

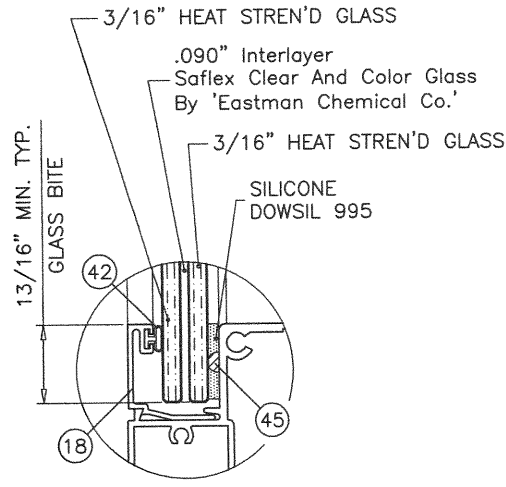
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GLASS CAPACITIES ON THIS SHEET ARE  
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AND FLORIDA BUILDING COMMISSION  
DECLARATORY STATEMENT DCA05-DEC-219



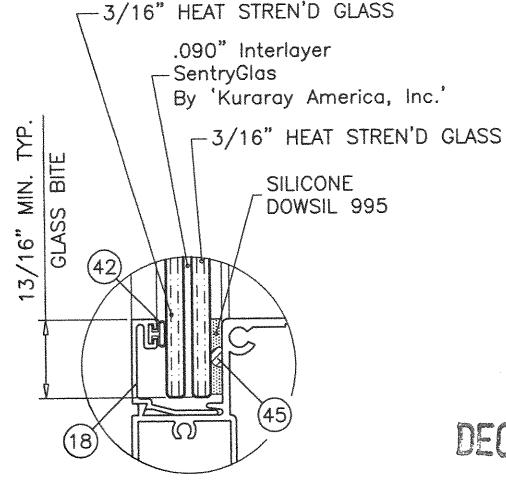
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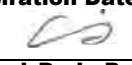
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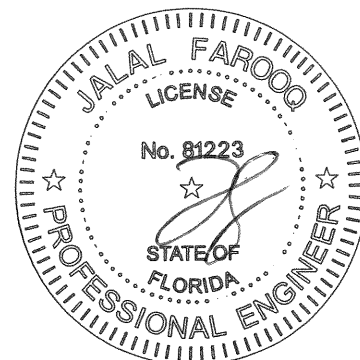


SERIES 1041




SERIES 1062

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1216.22  
Expiration Date 03/05/2025  
By   
Miami-Dade Product Control



DEC 11 2020

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W03-53IWC

ALUMINUM SINGLE HUNG WINDOW (L.M.I.)  
Impact Window Company Acquisition, LLC  
4201 N.E. 12th Terrace  
Oakland Park, FL 33334  
Tel. (954) 769-1201 Fax. (-)

revisions:

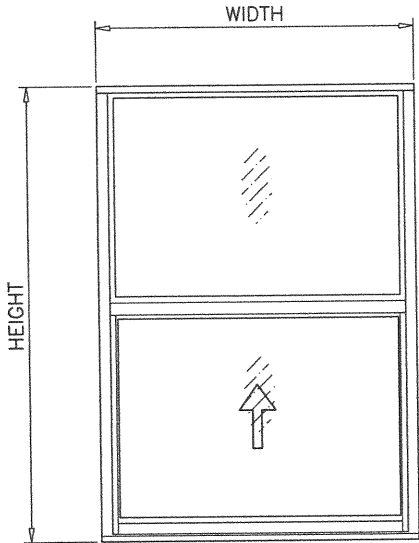
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H	03.13.18		UPDATED TO 2017 FBC
I	07.23.18		MANUF. NAME REV.
J	01.23.20		MANUF. NAME REV.
K	11.05.20		UPDATED TO 2020 FBC

date:	07-14-03
scale:	1/2"=1'-0"
dr. by:	TARIQ
chk. by:	

drawing no.	W03-53
sheet	2 of 8

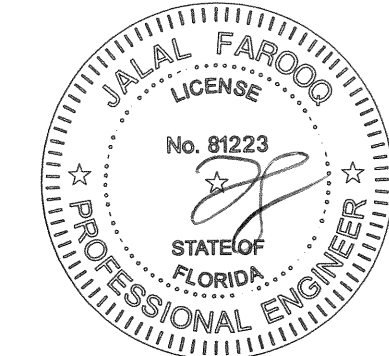
EQUAL LITES WINDOWS									
DESIGN LOAD CAPACITY - PSF									
FLANGE DIMS.		SERIES 1030		SERIES 1040		SERIES 1041		SERIES 1062	
WIDTH	HEIGHT	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)
19-1/8"	26" (2)	65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
24"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
26-1/2"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
32"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
37"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
40"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
48"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
53-1/8"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
19-1/8"	38-3/8" (3)	65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
24"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
26-1/2"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
32"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
37"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
40"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
48"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
53-1/8"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
19-1/8"	50-5/8" (4)	65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
24"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
26-1/2"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
32"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
37"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
40"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
48"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
53-1/8"		64.4	64.4	62.0	62.0	65.0	75.0	90.0	130.0
19-1/8"	63" (5)	65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
24"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
26-1/2"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
32"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
37"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
40"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
48"		64.9	64.9	62.0	62.0	65.0	75.0	90.0	130.0
53-1/8"		56.0	56.0	62.0	62.0	65.0	75.0	90.0	121.8
19-1/8"	76" (6)	65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
24"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
26-1/2"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
32"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
37"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
40"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
48"		-	-	62.0	62.0	65.0	75.0	90.0	130.0
53-1/8"		-	-	62.0	62.0	65.0	75.0	90.0	111.7
19-1/8"	84" (7)	65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
24"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
26-1/2"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
32"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
37"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
40"		-	-	62.0	62.0	65.0	75.0	90.0	130.0
48"		-	-	62.0	62.0	65.0	75.0	90.0	130.0
19-1/8"	96" (8)	65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
24"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
26-1/2"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
32"		65.0	72.5	62.0	62.0	65.0	75.0	90.0	130.0
37"		-	-	62.0	62.0	65.0	75.0	90.0	130.0
40"		-	-	62.0	62.0	65.0	75.0	90.0	130.0
48"		-	-	62.0	62.0	65.0	75.0	90.0	130.0

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

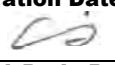



EQUAL LITES

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



DEC 11 2020

**PRODUCT REVISED**  
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NOA-No. 20-1216.22  
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By   
Miami-Dade Product Control

**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\W03-53IWC

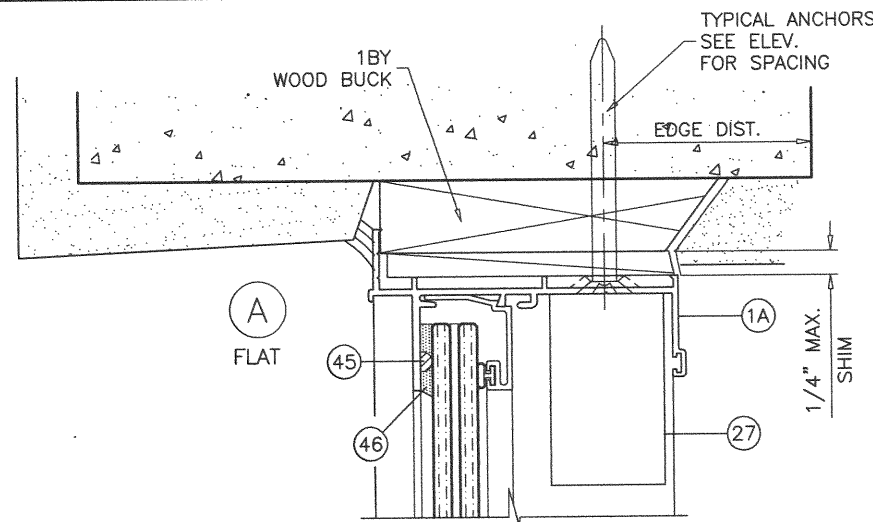
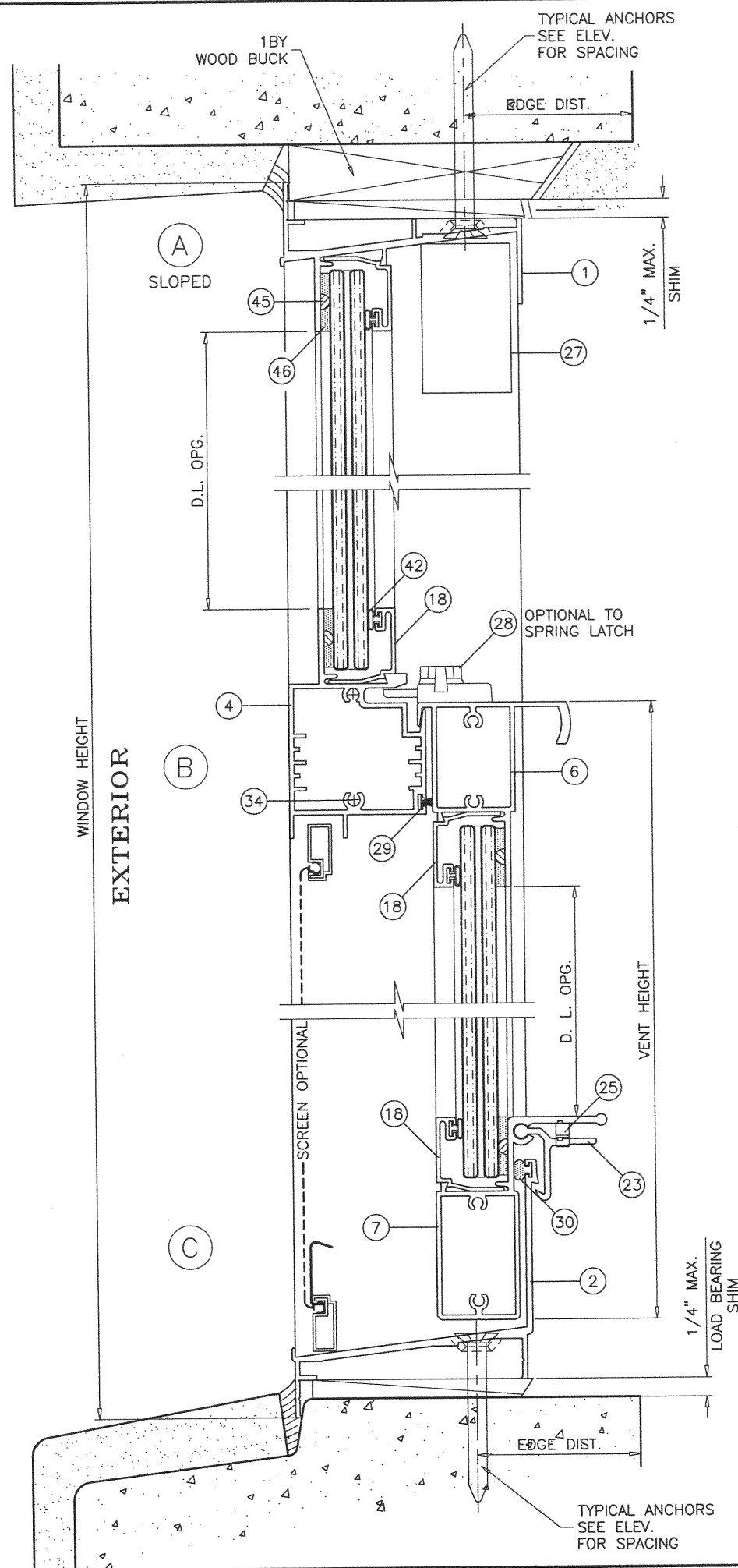
ALUMINUM SINGLE HUNG WINDOW (L.M.I.)  
Impact Window Company Acquisition, LLC  
4201 N.E. 12th Terrace  
Oakland Park, FL 33334  
Tel. (954) 769-1201 Fax. (-)

revisions:	no.	date	by	description
	H	03.13.18		UPDATED TO 2017 FBC
	I	07.23.18		MANUF. NAME REV.
	J	01.23.20		MANUF. NAME REV.
	K	11.05.20		UPDATED TO 2020 FBC

date:	07-14-03
scale:	1/2" = 1"
dr. by:	TARIQ
chk. by:	

drawing no.	W03-53
sheet	3 of 8



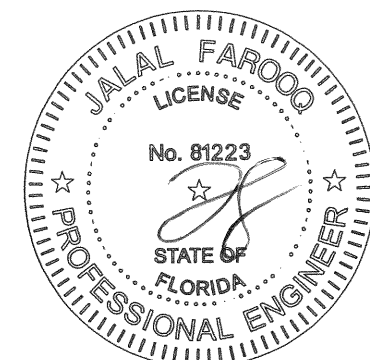


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Miami-Dade Product Control

#### SEALANT:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH  
SCHNEE MOREHEAD SEAM SEALER SM5504.

DEC 11 2020



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**af c**  
COMP-ANL\W03-53IWC

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revisions:

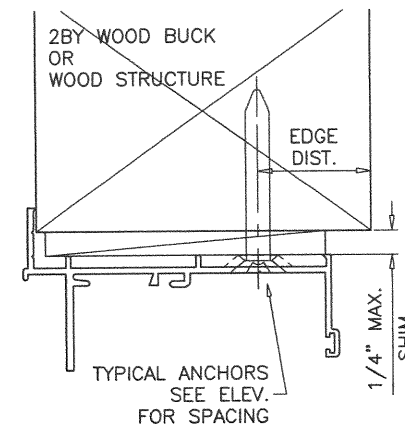
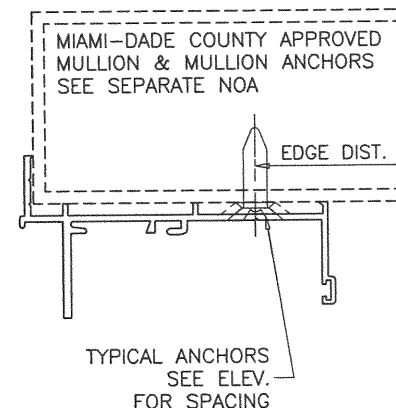
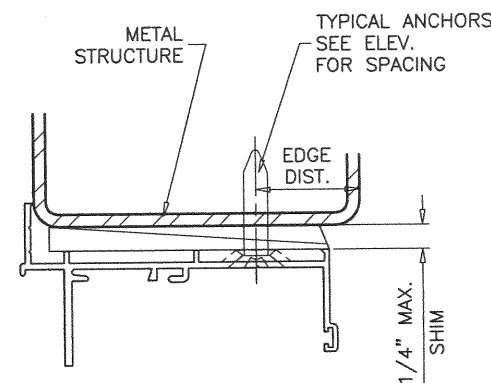
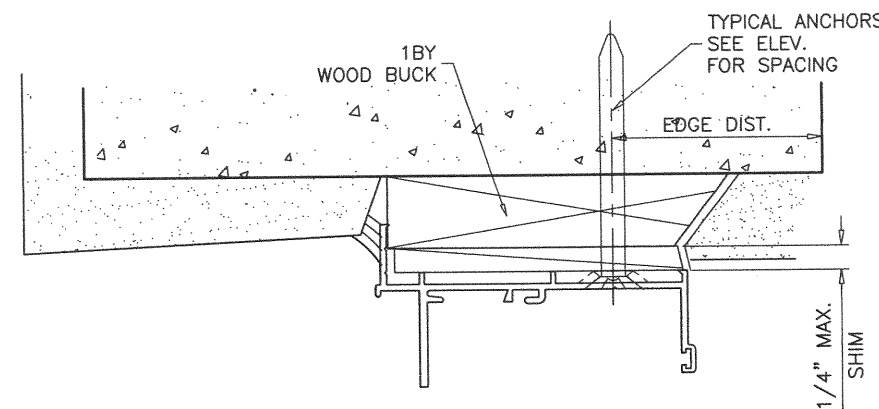
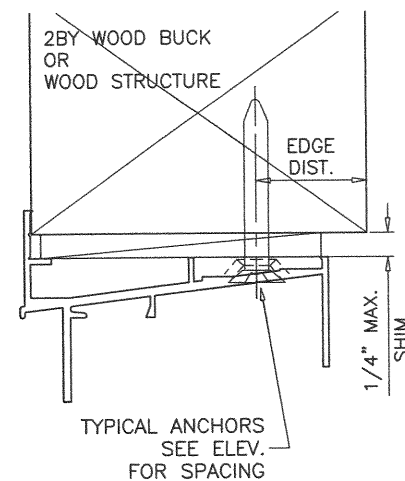
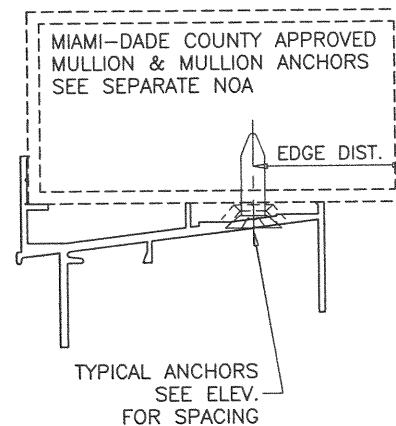
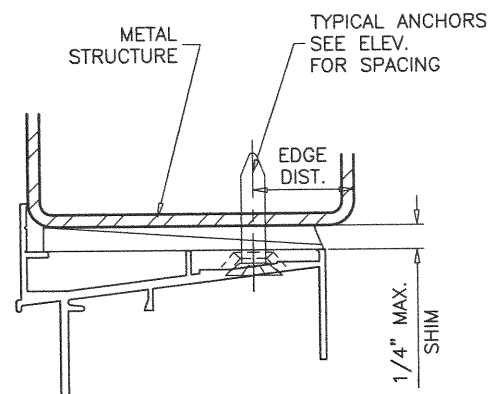
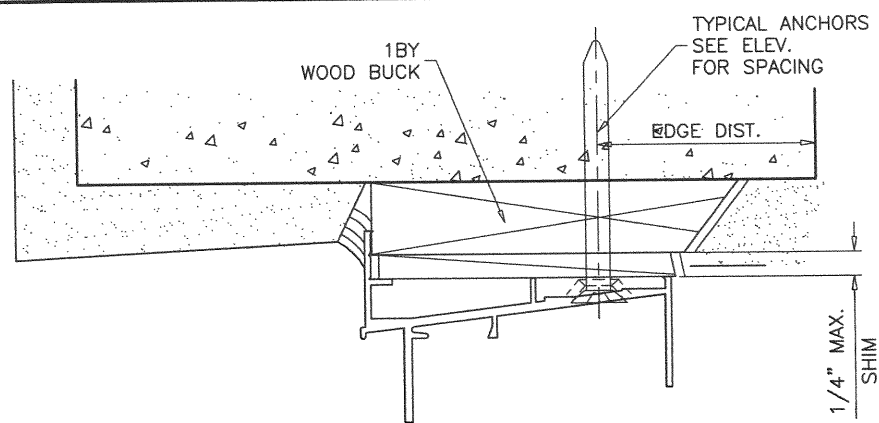
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dr. by: TARIQ  
chk. by:

drawing no.  
**W03-53**  
sheet 4 of 8





**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

**1/4" DIA. ULTRACON+ BY 'DEWALT'** ( $F_u=164$  KSI,  $F_y=148$  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. ( $F_y = 36$  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. TO EXTEND BEYOND METAL THICKNESS  
 ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.) (NO SHIMS)  
 STEEL: 1/8" THK. MIN. ( $F_y = 36$  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.

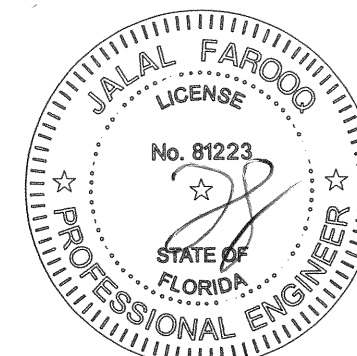
WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.  
 CONCRETE AT HEAD, SILL OR JAMBS  $f'_c = 3000$  PSI MIN.  
 C-90 HOLLOW/FILLED BLOCK AT JAMBS  $f'_m = 2000$  PSI MIN.

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

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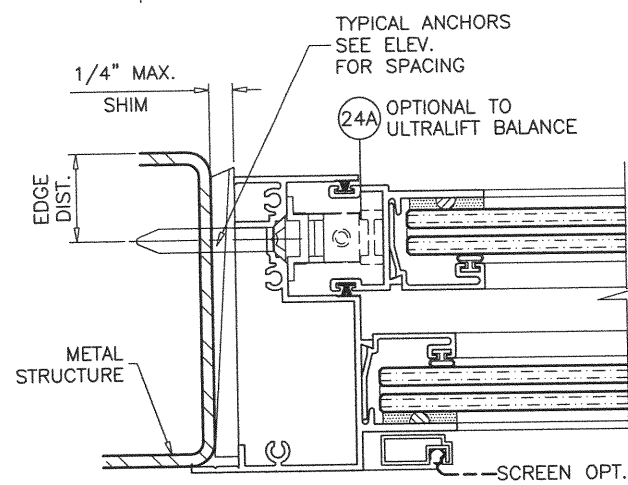
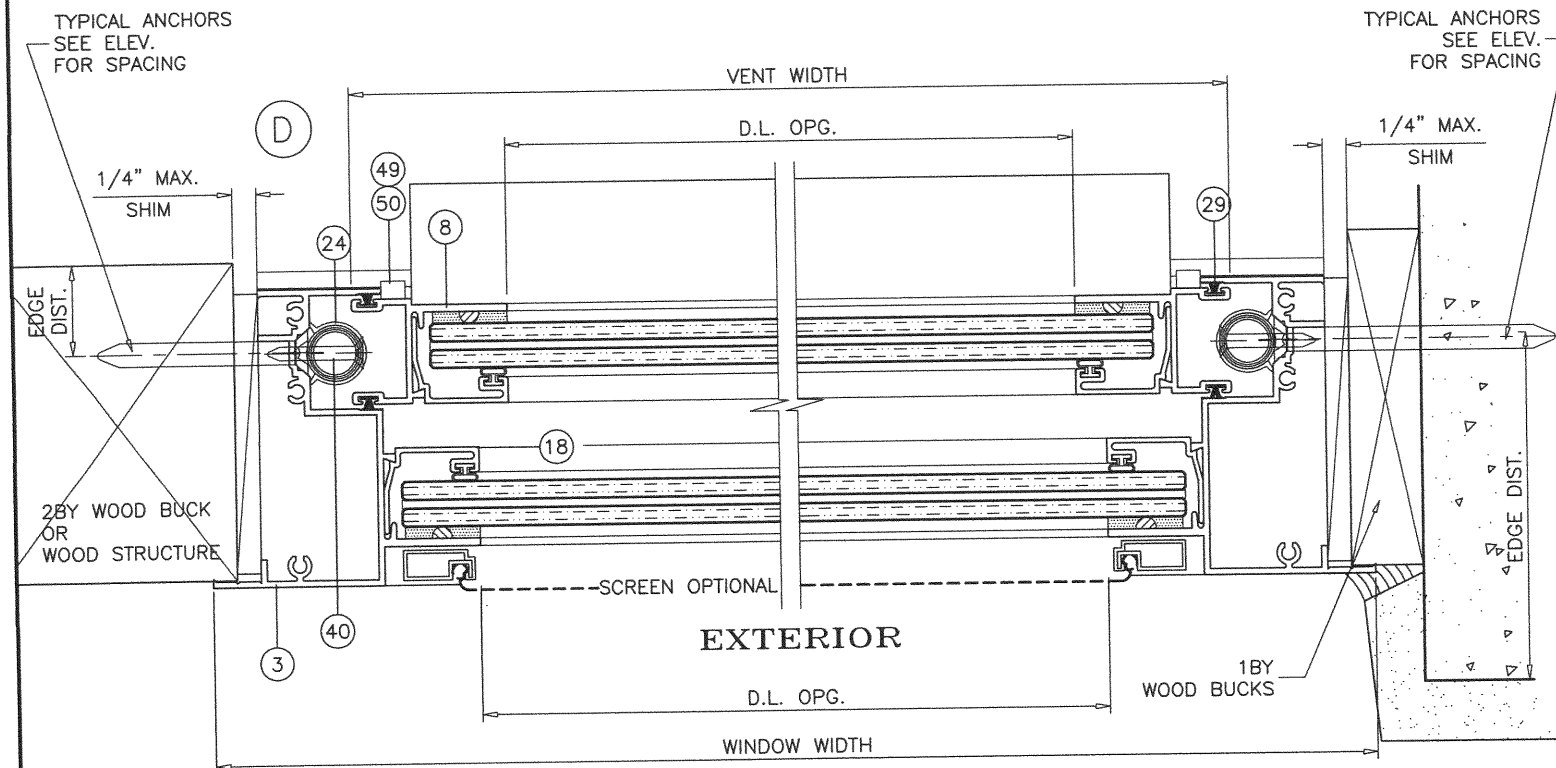
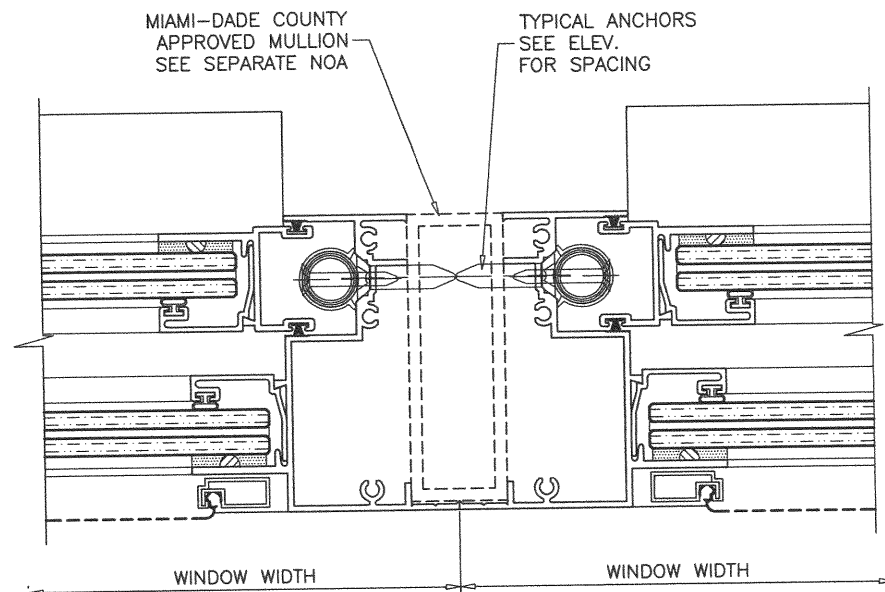
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173 (C.A.N. 3538)  
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 COMP-ANL W03-53IWC

ALUMINUM SINGLE HUNG WINDOW (L.M.I.)  
**Impact Window Company Acquisition, LLC**  
 4201 N.E. 12th Terrace  
 Oakland Park, FL 33334  
 Tel. (954) 769-1201 Fax. (-)

revisions:	no	date	by	description
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	I	07.23.18		MANUF. NAME REV.
	J	01.23.20		MANUF. NAME REV.
	K	11.05.20		UPDATED TO 2020 FBC

date: 07-14-03  
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 dr. by: TARIQ  
 chk. by:

drawing no.  
**W03-53**  
 sheet 5 of 8

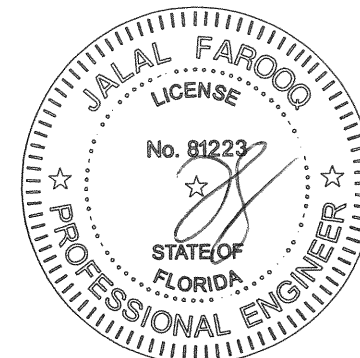


ITEM NO.	PART NO.	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	021-029	1	FRAME HEAD (SLOPED)	6063-T6	ARCH ALUM.
1A	021-006	1	FRAME HEAD (FLAT)	6063-T6	ARCH ALUM.
2	021-002	1	FRAME SILL	6063-T6	ARCH ALUM.
3	021-005	2	FRAME JAMB	6063-T6	ARCH ALUM.
4	022-007	1	MTG. RAIL	6063-T5	ARCH ALUM.
6	022-004	1	VENT TOP RAIL	6063-T5	ARCH ALUM.
7	022-001	1	VENT BOTTTOM RAIL	6063-T5	ARCH ALUM.
8	021-003	2	VENT SIDE RAIL	6063-T5	ARCH ALUM.
18	021-011	4/ LITE	GLAZING BEAD	6063-T5	ARCH ALUM.
18A	021-012	4/ LITE	GLAZING BEAD	6063-T5	ARCH ALUM.
23	021-008	2/ VENT	SNAP LATCH (2 @ 3" LG)	6063-T5	ARCH ALUM.
24	025-000	2	ULTRA LIFT BALANCE		CALDWELL MFG
24A	024-000	2	BLOCK & TACKLE BALANCE		BSI
25	006-001	2	SPRING	ST/ST	IND. SPRING
26	004-005	-	UEK BRACKET	STEEL	CALDWELL MFG
27	010-001	-	SASH STOP	RIGID VINYL	MASTER TOOL
28	004-002	-	SWEEP LOCK @ 7" FROM ENDS	METAL	SULLIVAN & ASSOC.
29	016-001	AS REQD.	FIN SEAL	WOOL PILE	ULTRA FAB
30	023-001	-	FILLED BULB VINYL		AMESBURY
31	015-009	-	CHIMNEY PLUG	CLOSED CELL	FRANK LOWE RUBBR
33	008-014	AS REQD.	#8X1 PHPH SMS	ST/ST	
34	008-031	2/ END	#10X1 PHPH SMS	ST/ST	
37	012-001	-	SEAM SEALER SM5504	ACRYLIC	SCHNEE MOREHEAD
39	008-010	-	#8X1/2 UCFHPH SMS	ST/ST	
40	008-017	-	#8X1 1/4 FHPH SMS	ST/ST	
42	015-001	AS REQD.	BULB VINYL	VINYL	MASTER TOOL
42A	015-007	AS REQD.	WEDGE GASKET	VINYL	-
45	015-006	-	0.150 SPACER	VINYL	FRANK LOWE RUBBR
45A	015-004	-	1/16 X .400 SPACER	VINYL	FRANK LOWE RUBBR
46	012-004	-	DOW 995	SILICONE	DOWSIL
49	010-010	-	SASH GUIDE TOP	RIGID PVB	M & M PLASTICS
50	010-011	-	SASH GUIDE BOT	RIGID PVB	M & M PLASTICS
51	008-002	-	#6X1/2 FHPH SMS	ST/ST	
55	003-001	AS REQD.	ROLL FORM SCREEN FRAME	ALUMINUM	FLORIDA SCREEN

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ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP - ANL W03-53IWC

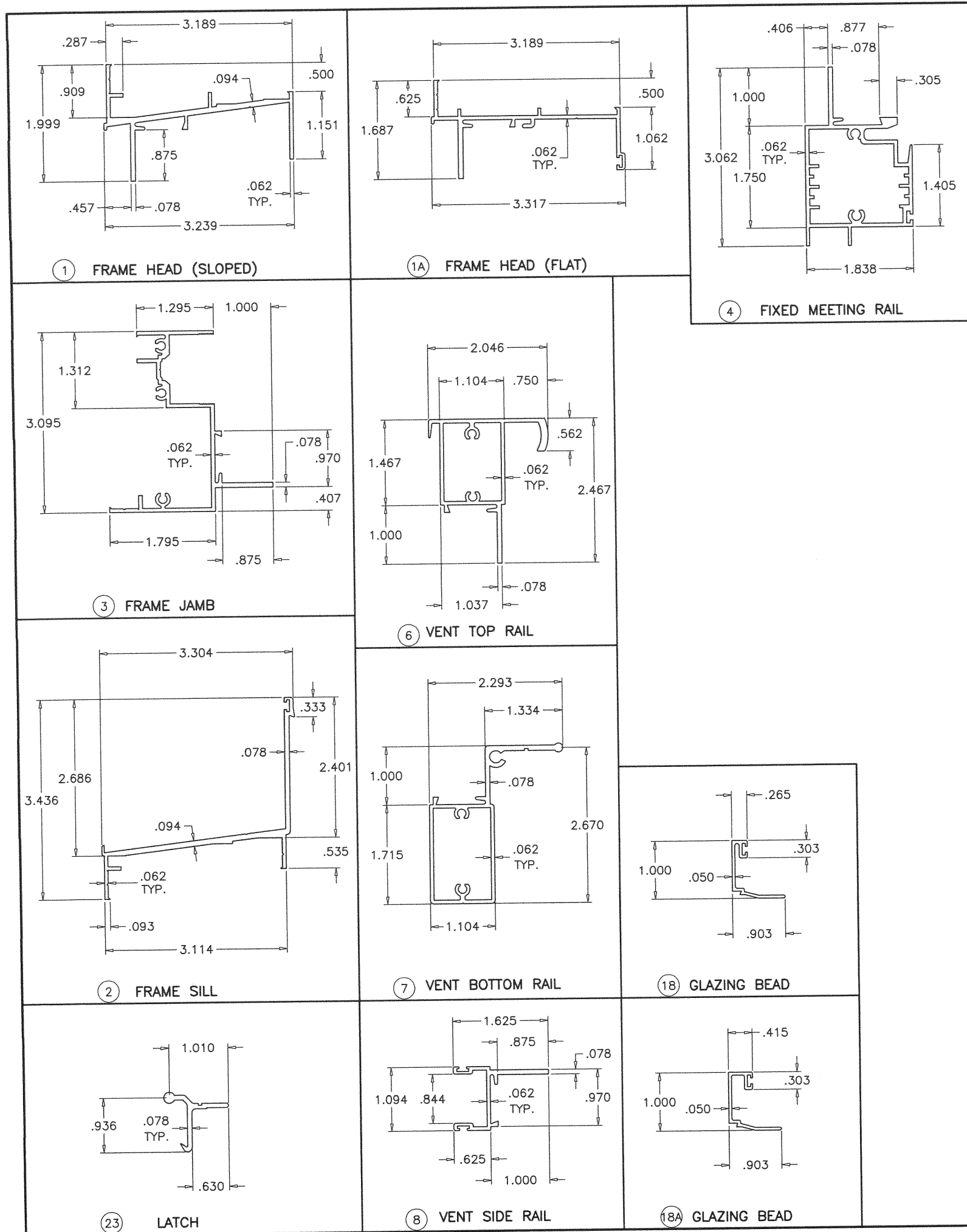
**Impact Window Company Acquisition, LLC**  
4201 N.E. 12th Terrace  
Oakland Park, FL 33334  
Tel. (954) 769-1201 Fax. (-)

revisions: no. date description  
H 03.13.18 UPDATED TO 2017 FBC  
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chk. by:

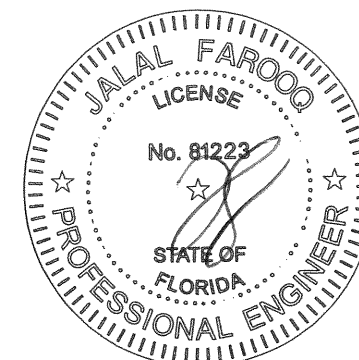
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**W03-53**  
sheet 6 of 8

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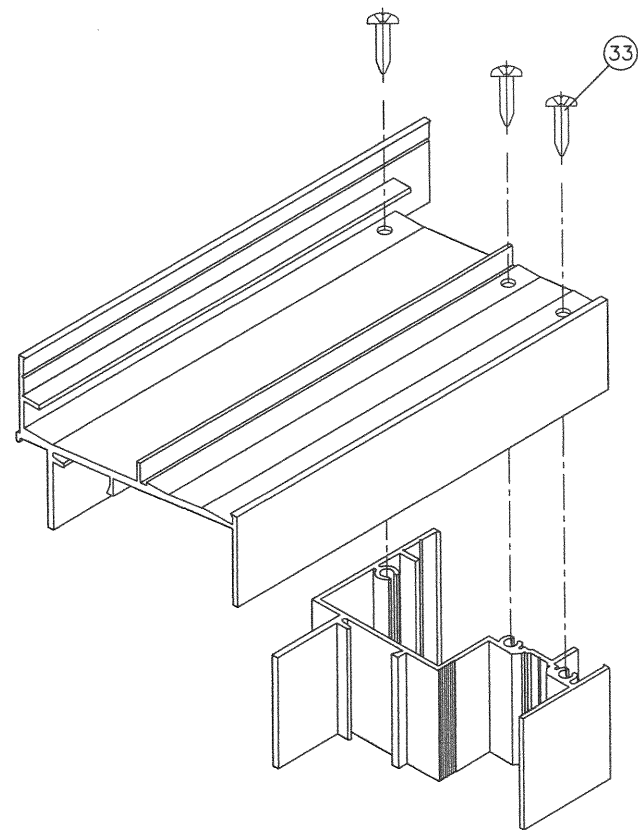
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ALUMINUM SINGLE HUNG WINDOW (L.M.I.)

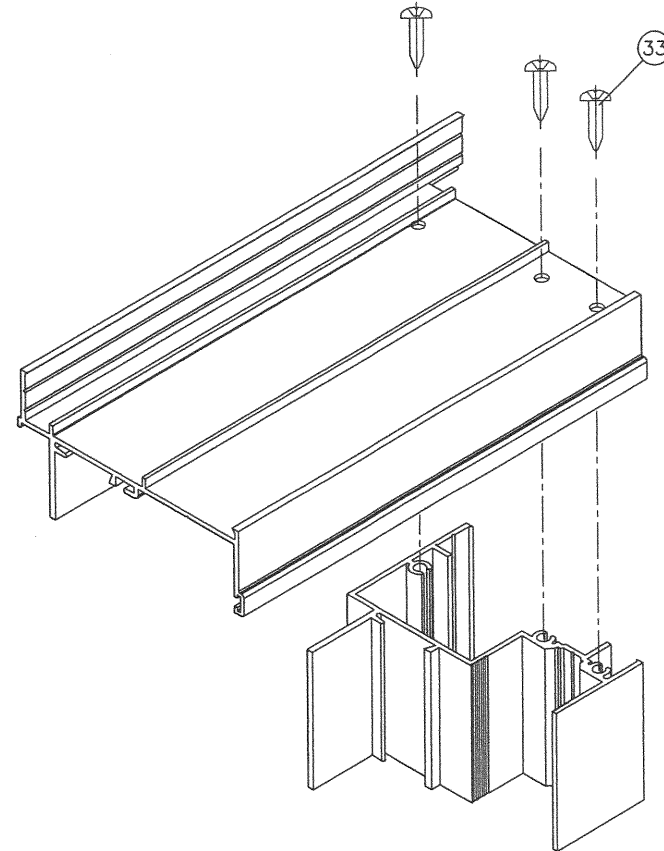
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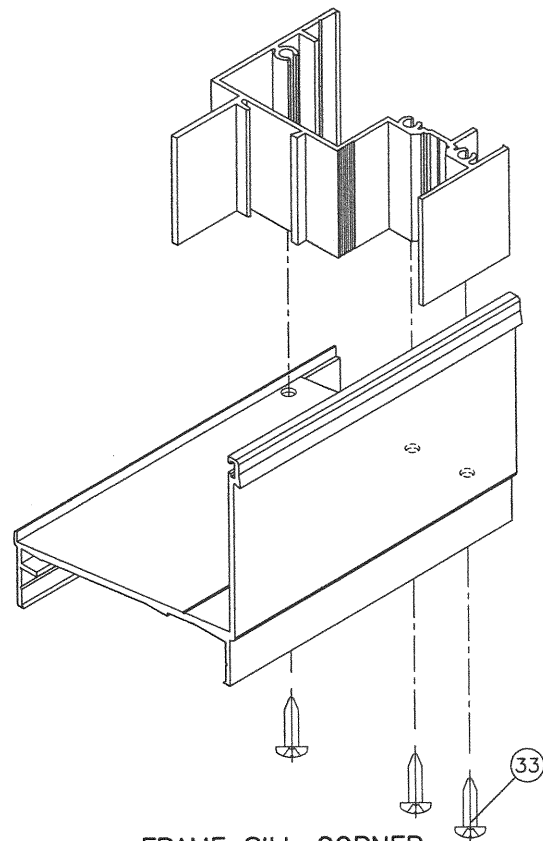
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drawing no. W03-53		sheet 7 of 8	



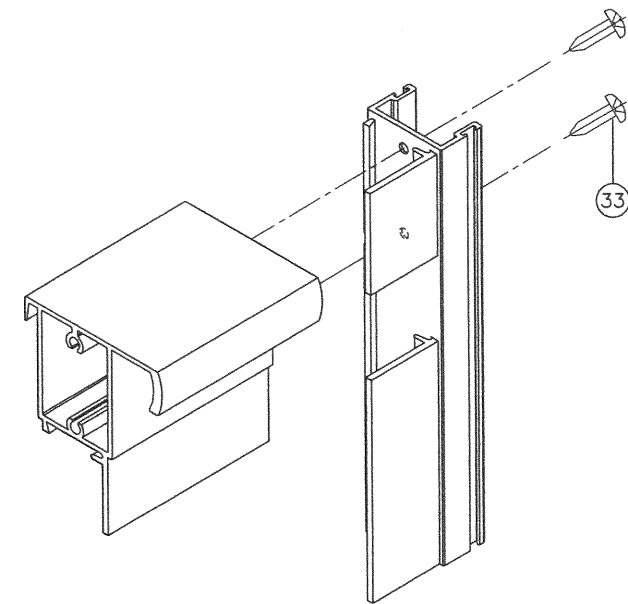
FRAME HEAD (SLOPED) CORNER



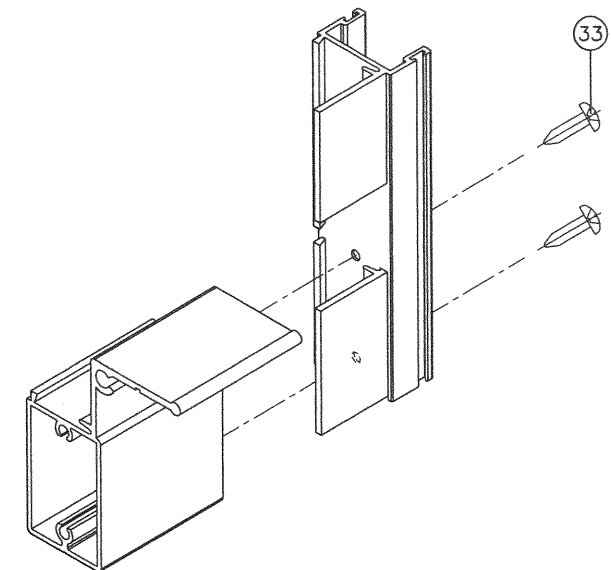
FRAME HEAD (FLAT) CORNER




FRAME SILL CORNER



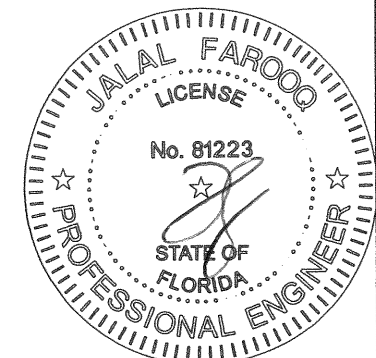
VENT TOP CORNER



VENT BOTTOM CORNER

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