



**MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION**

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

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/building

Euro Windows, Inc.

Calle 16 Lote #21

Urbanizacion Industrial Villa Prades - PO Box 9023867

San Juan, PR 00924 -

San Juan, PR 00902

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: White PVC Fixed Window - S.M.I.

APPROVAL DOCUMENT: Drawing No. W17-77, titled "White PVC Fixed Window (S.M.I.)", sheets 1 through 5 of 5, dated 08/28/17, with revision A dated 07/25/18, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: 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 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 **Manuel Perez, P.E.**



MP
8/28/19

NOA No. 18-0611.04

Expiration Date: September 05, 2024

Approval Date: September 05, 2019

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **W17-77**, titled "White PVC Fixed Window (S.M.I.)", sheets 1 through 5 of 5, dated 08/28/17, with revision A dated 07/25/18, 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) Small Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of a white PVC mulled fixed window, Fenestration Testing Laboratory, Inc., Test Report No. **FTL-9396**, dated 04/03/17, signed and sealed by Idalmis Ortega, P.E.
2. Test reports on: 1) Small Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of a white PVC fixed window, Fenestration Testing Laboratory, Inc., Test Report No. **FTL-9580**, dated 03/09/17, signed and sealed by Idalmis Ortega, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 6th Edition (2017)**, dated 03/08/18, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with **ASTM E1300-09/12**

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **19-0305.02** issued to **Kuraray America, Inc.** for their "**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**" dated 05/09/19, expiring on 07/08/24.
2. Notice of Acceptance No. **19-0715.01** issued to **Profine GmbH**, for their "**White Rigid PVC Exterior Extrusions for Windows and Doors**" dated 08/22/19, expiring on 08/22/24.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 18-0611.04

Expiration Date: September 05, 2024
Approval Date: September 05, 2019

Euro Windows, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 6th Edition (2017)**, and of no financial interest, dated March 8, 2018, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Proposal No. **16-0813**, issued to Euro Windows, Inc. for their Testing program for PVC Tilt Turn and Fixed Window - L.M.I. and S.M.I., issued by the Product Control Section, dated August 5, 2016, signed by Manuel Perez, P.E.

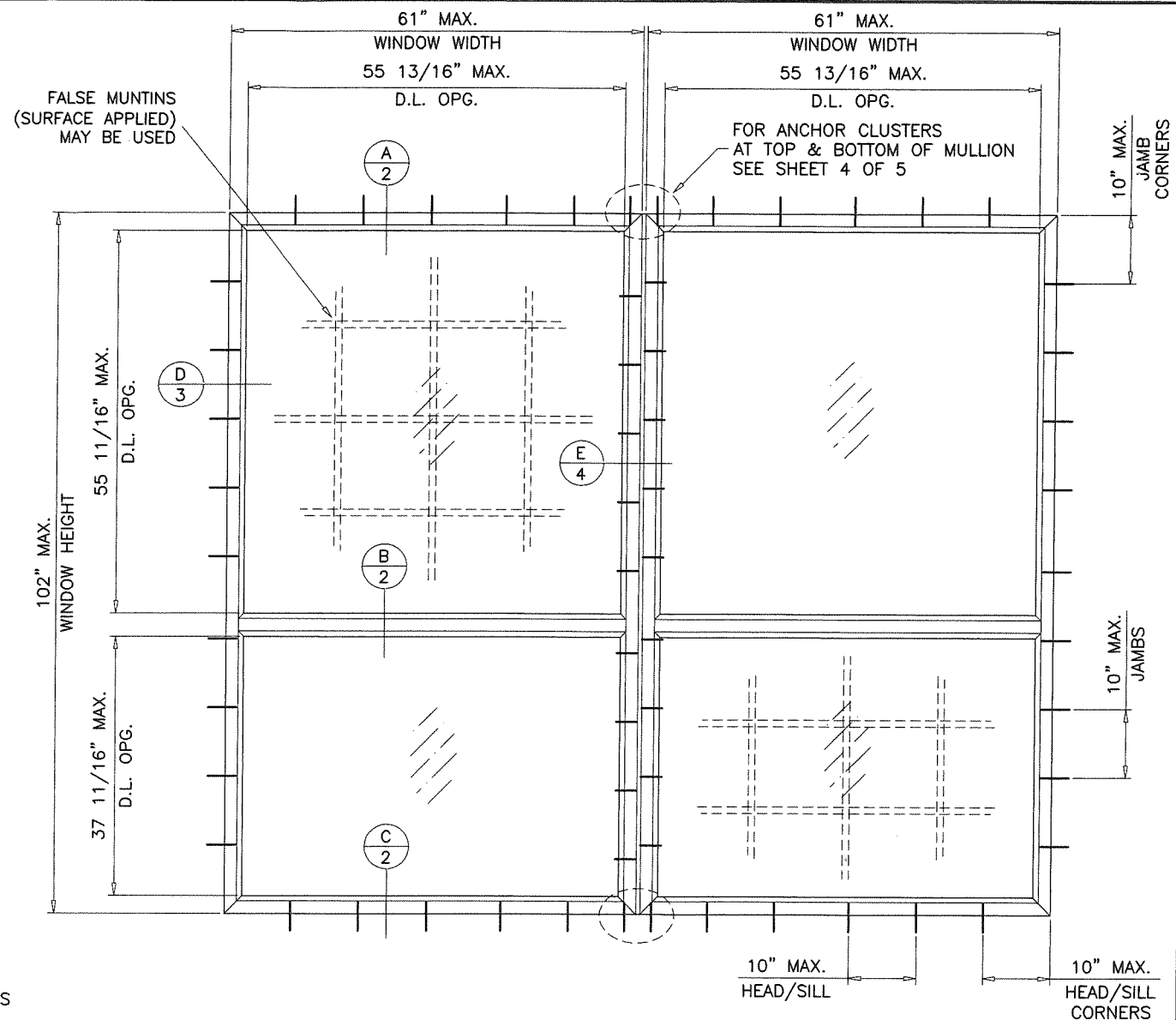
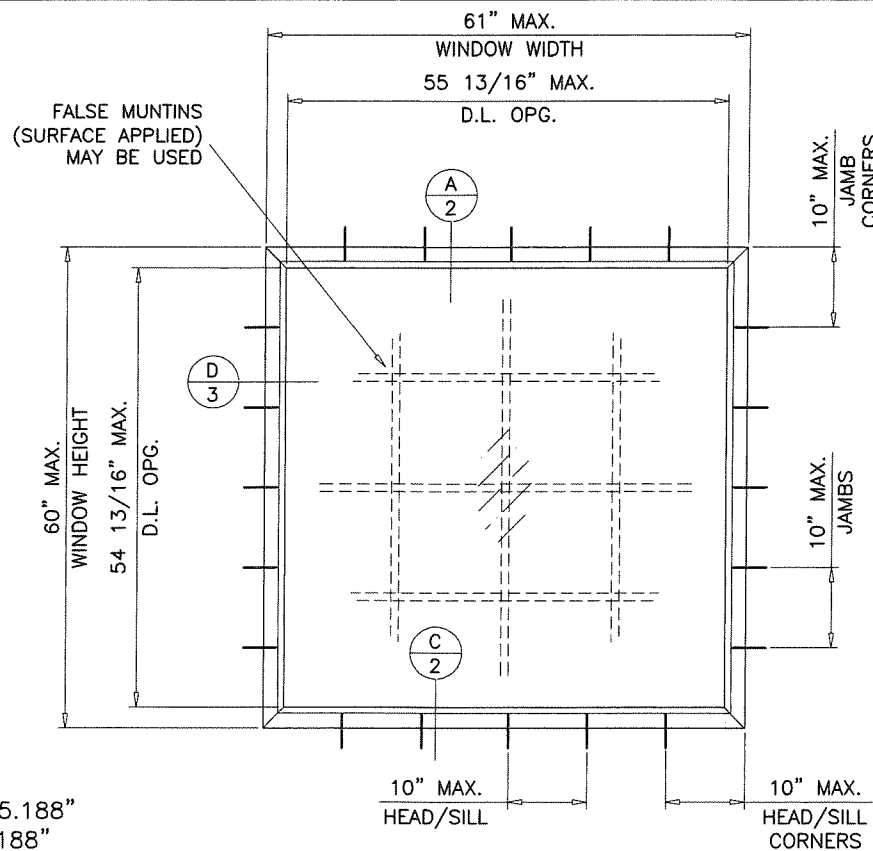
G. OTHERS

1. None.



Manuel Perez, P.E.
Product Control Examiner
NOA No. 18-0611.04

Expiration Date: September 05, 2024
Approval Date: September 05, 2019



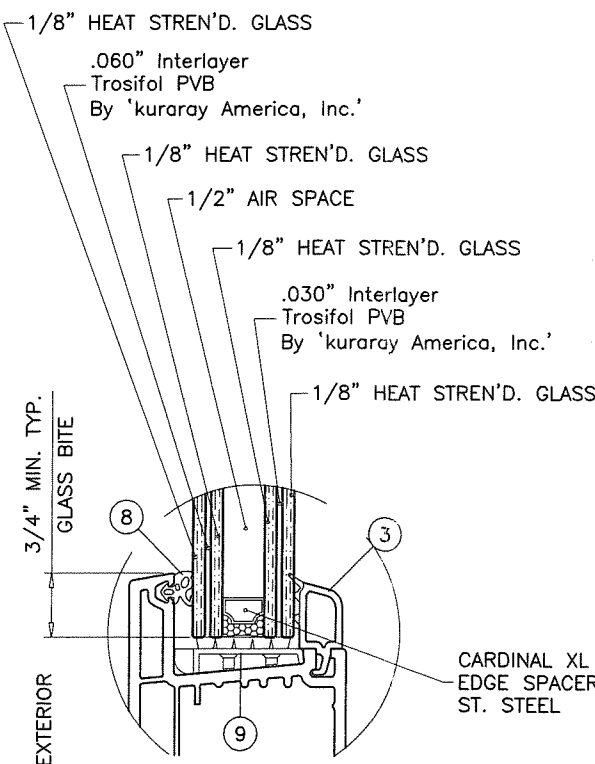
DAYLITE OPENINGS:
D.L.O. HEIGHT = WINDOW HEIGHT - 5.188"
D.L.O. WIDTH = WINDOW WIDTH - 5.188"

MAXIMUM DESIGN LOAD RATING = + 67.0 PSF
(FOR SINGLE WINDOW SIZE SHOWN ABOVE - 100.0 PSF
OR SMALLER)
SEE SHEET 4 FOR MULLION AND MULLION ANCHOR CAPACITIES.

FOR MULLED UNITS SHOWN ABOVE,
SEE MULLION LOAD CAPACITY AND MULLION ANCHOR CAPACITY CHARTS
ON SHEET 4 OF 5.
FOR WINDOWS WITH HORIZONTAL MULLION (IMPOST)
SEE MAXIMUM DESIGN LOADS FOR WINDOWS WITH IMPOST ON 2 OF 5.

THESE WINDOWS ARE RATED FOR SMALL MISSILE IMPACT.
MIAMI-DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS REQUIRED
FOR INSTALLATIONS UP TO 30 FT. OF GRADE.
SHUTTERS NOT REQD. FOR INSTALLATIONS ABOVE 30 FT. OF GRADE.

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS).



GLAZING DETAIL

1-1/16" OVERALL INSUL. LAM. GLASS

WHITE PVC FIXED WINDOW (S.M.I.)

APPROVAL APPLIES TO SINGLE FIXED WINDOWS OR SIDE BY SIDE
COMBINATIONS OF FIXED/FIXED IN MODULES OF TWO OR MORE
WINDOWS USING MULLIONS IN BETWEEN.
FOR FIXED WINDOW CAPACITY SEE THIS SHEET.
FOR MULLION AND MULLION ANCHOR CAPACITY SEE SHEET 4.
LOWER DESIGN PRESSURE FROM FIXED WINDOW OR MULLION
CAPACITY CHARTS WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE 2017 (6TH 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.

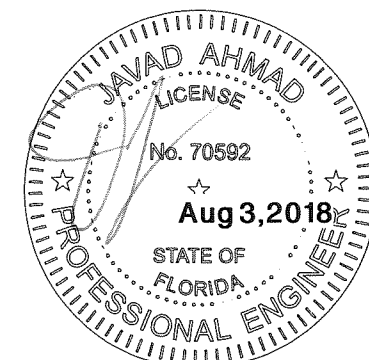
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE
REQUIREMENTS OF THE 2017 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.

Approved as complying with the
Florida Building Code
Date: Sept. 5, 2019
NOAH 18-0611.04
Miami Dade Permit Control
Manuel Perez



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL W17-77EW

a f c

WHITE PVC FIXED WINDOW (S.M.I.)

Euro Windows, Inc.
Calle 16, Lote No. 21
Urb. Industrial Villa Prades
San Juan, PR 00924
Tel. (787) 722-2531 Fax. (787) 724-4093

revisions:

no	date	by	description
A	07.25.18		REV. PER RER COMMENTS

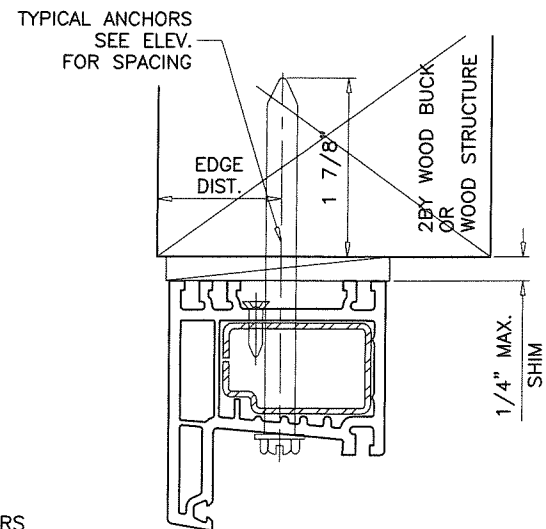
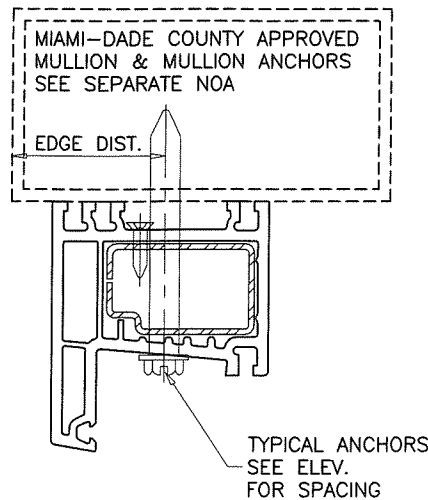
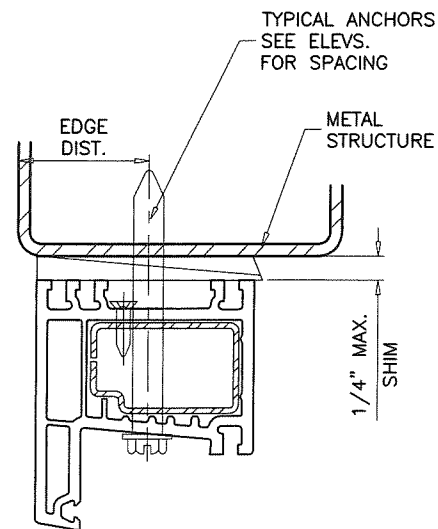
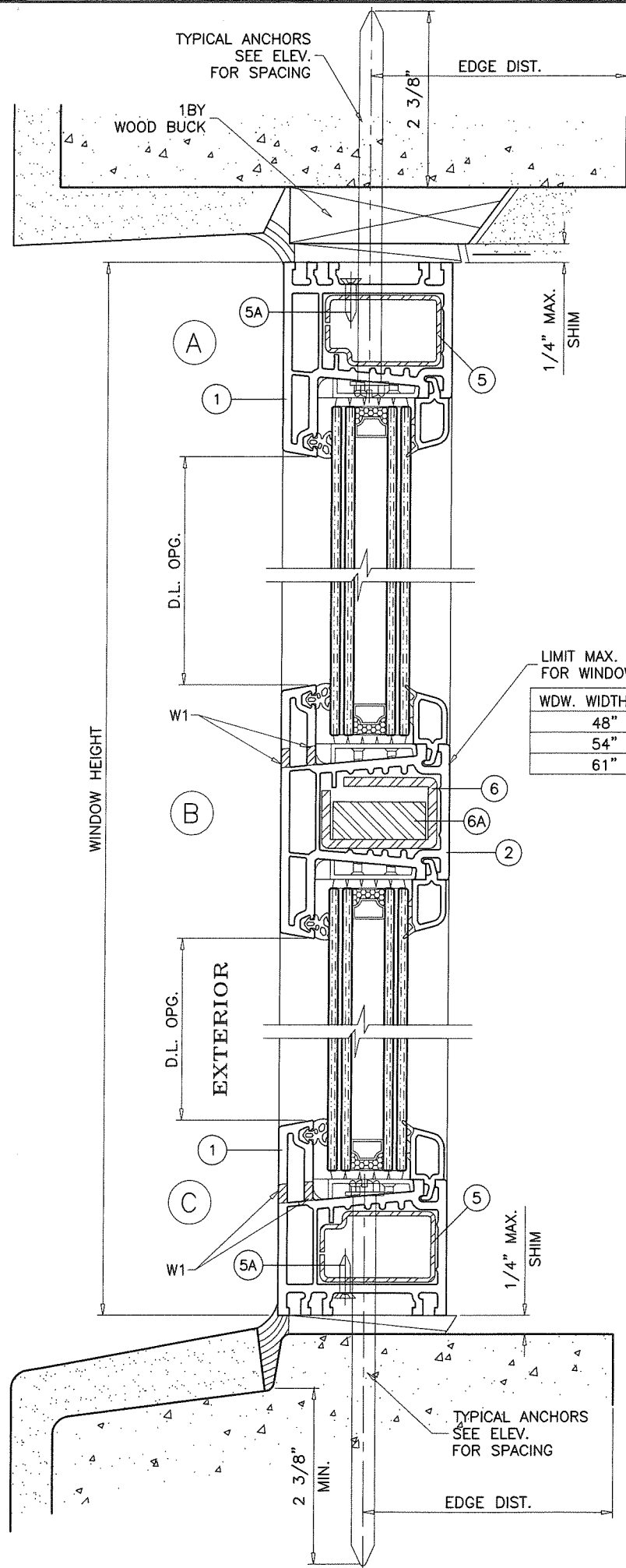
date: 08-28-17
scale: 1/2"=1'-0"
dr. by: TARIQ
chk. by:

drawing no.
W17-77

sheet 1 of 5

drawing no.
W17-77

sheet 1 of 5



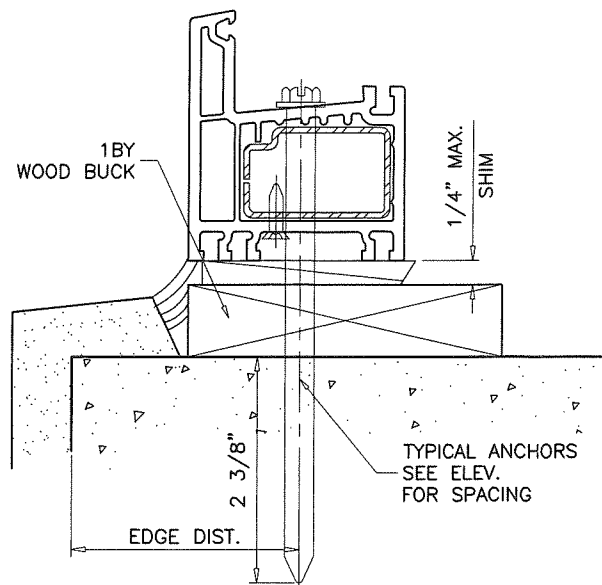
WOOD BUCKS AND METAL STRUCTURE NOT BY EUROWINDOWS
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

LIMIT MAX. DESIGN LOADS
FOR WINDOWS WITH IMPOST AS FOLLOWS

WDW. WIDTH MAX.	LOAD CAPACITY - PSF
48"	100.0
54"	78.7
61"	56.7

WEEPHOLES:

W1 = 1/4" X 1-1/4" WEEP SLOT AT 7-1/2" FROM EACH END.



TYPICAL ANCHORS: SEE ELEV. FOR SPACING

3/8" DIA. LAG SCREWS'

INTO WOOD STRUCTURES

1-7/8" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)

3/8" DIA. HUS-CR BY 'HILTI'

THRU 1BY OR 2BY BUCKS INTO CONC. OR BLOCKS

2-3/8" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)

2-3/8" MIN. EMBED INTO GROUT FILLED BLOCKS (JAMBS)

DIRECTLY INTO CONCRETE OR BLOCKS

2-3/8" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)

2-3/8" MIN. EMBED INTO GROUT FILLED BLOCKS (JAMBS)

3/8" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 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 = 1-1/2" 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 GROUT FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

Approved as complying with the
Florida Building Code
Date Sept. 3, 2019
NOA# 181-0611-04
Miami Dade Product Control

Manuel Perez



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W17-77EW

WHITE PVC FIXED WINDOW (S.M.I.)

Euro Windows, Inc.

Calle 16, Lote No. 21
Urb. Industrial Villa Prades
San Juan, PR 00924
Tel. (787) 722-2531 Fax. (787) 724-4093

revisions:	no	date	by	description
	A	07.25.18		REV. PER RER COMMENTS
date:	08-28-17	scale:	1/2" = 1"	
dr. by:	TARIQ	chk. by:		
drawing no.	W17-77	sheet	2 of 5	

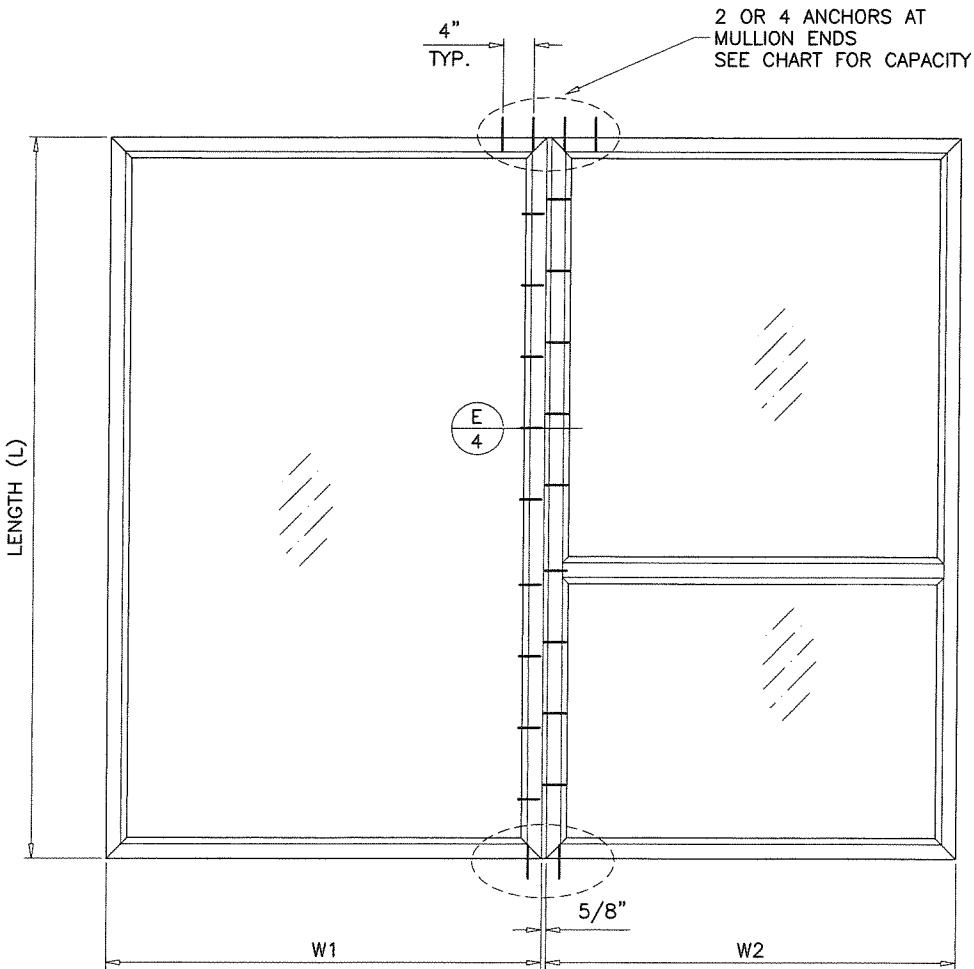
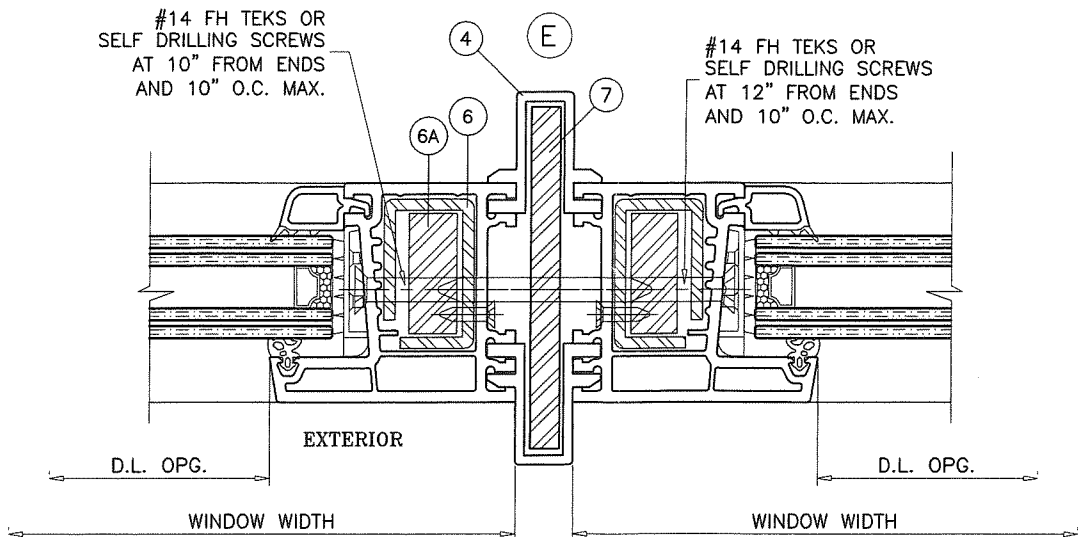
MULLION LOAD CAPACITY - PSF			
WINDOW DIMS.		STEEL MULLION	
WIDTH (W)	LENGTH (L)	EXT.(+)	INT.(-)
37"	72"	67.0	100.0
43"		67.0	100.0
49"		67.0	99.5
55"		67.0	88.6
61"		67.0	79.9
37"	78"	67.0	100.0
43"		67.0	96.6
49"		67.0	84.8
55"		67.0	75.5
61"		67.0	68.1
37"	84"	67.0	96.8
43"		67.0	83.3
49"		67.0	73.1
55"		65.1	65.1
61"		58.7	58.7
37"	90"	67.0	84.3
43"		67.0	72.5
49"		63.7	63.7
55"		56.7	56.7
61"		51.1	51.1
37"	96"	67.0	74.1
43"		63.8	63.8
49"		56.0	56.0
55"		49.8	49.8
61"		44.9	44.9
37"	102"	65.6	65.6
43"		56.5	56.5
49"		49.6	49.6
55"		44.2	44.2
61"		39.8	39.8

MULLION ANCHOR LOAD CAPACITY - PSF					
WINDOW DIMS.		2 ANCHORS		4 ANCHORS	
WIDTH (W)	LENGTH (L)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
37"	72"	66.6	66.6	67.0	100.0
43"		60.7	60.7	67.0	100.0
49"		56.7	56.7	67.0	100.0
55"		53.9	53.9	67.0	100.0
61"		52.1	52.1	67.0	100.0
37"	78"	59.9	59.9	67.0	100.0
43"		54.3	54.3	67.0	100.0
49"		50.3	50.3	67.0	100.0
55"		47.5	47.5	67.0	94.9
61"		45.5	45.5	67.0	91.0
37"	84"	54.4	54.4	67.0	100.0
43"		49.1	49.1	67.0	98.1
49"		45.2	45.2	67.0	90.5
55"		42.4	42.4	67.0	84.9
61"		40.4	40.4	67.0	80.8
37"	90"	49.8	49.8	67.0	99.7
43"		44.8	44.8	67.0	89.5
49"		41.1	41.1	67.0	82.2
55"		38.4	38.4	67.0	76.7
61"		36.3	36.3	67.0	72.7
37"	96"	46.0	46.0	67.0	92.0
43"		41.2	41.2	67.0	82.3
49"		37.6	37.6	67.0	75.3
55"		35.0	35.0	67.0	70.0
61"		33.0	33.0	66.0	66.0
37"	102"	42.7	42.7	67.0	85.4
43"		38.1	38.1	67.0	76.2
49"		34.7	34.7	67.0	69.4
55"		32.2	32.2	64.4	64.4
61"		30.2	30.2	60.5	60.5

INSTRUCTIONS:

USE CHARTS AS FOLLOWS.

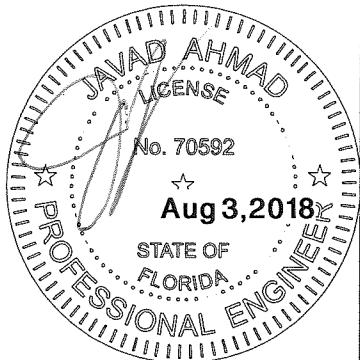
- STEP 1** DETERMINE DESIGN WIND PRESSURE REQUIREMENTS BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.
- STEP 2** FOR FIXED WINDOW CAPACITY SEE SHEET 1.
- STEP 3** CHECK MULLION DESIGN LOAD CAPACITY FOR GIVEN WIDTH AND HEIGHT USING CHART ABOVE. THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.
- STEP 4** USING CHART ABOVE SELECT ANCHOR OPTION WITH DESIGN LOAD CAPACITY MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
- STEP 5** THE LOWEST VALUE RESULTING FROM STEPS 2, 3 AND 4 THAT EXCEED THE DESIGN WIND PRESSURES DETERMINED THRU STEP 1 SHALL APPLY TO ENTIRE SYSTEM.



TYPICAL ELEVATIONS
SIDE BY SIDE WINDOWS
SIDE BY SIDE APPLIES TO TWO OR MORE WINDOWS

$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$

Approved as complying with the
Florida Building Code
Date: Sept. 5, 2019
By: 181-0611-04
Without Date Product Control



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

WHITE PVC FIXED WINDOW (S.M.I.)

Euro Windows, Inc.
Calle 16, Lote No. 21
Urb. Industrial Villa Prades
San Juan, PR 00924
Tel. (787) 722-2531 Fax. (787) 724-4093

revisions:

no.	date	by	description
A	07.25.18		REV. PER RER COMMENTS

date: 08-28-17

scale: 1/2" = 1"

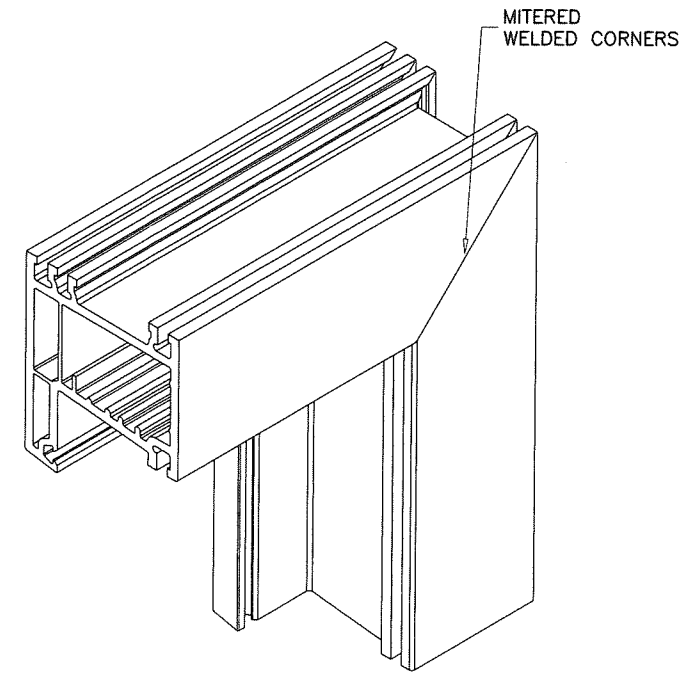
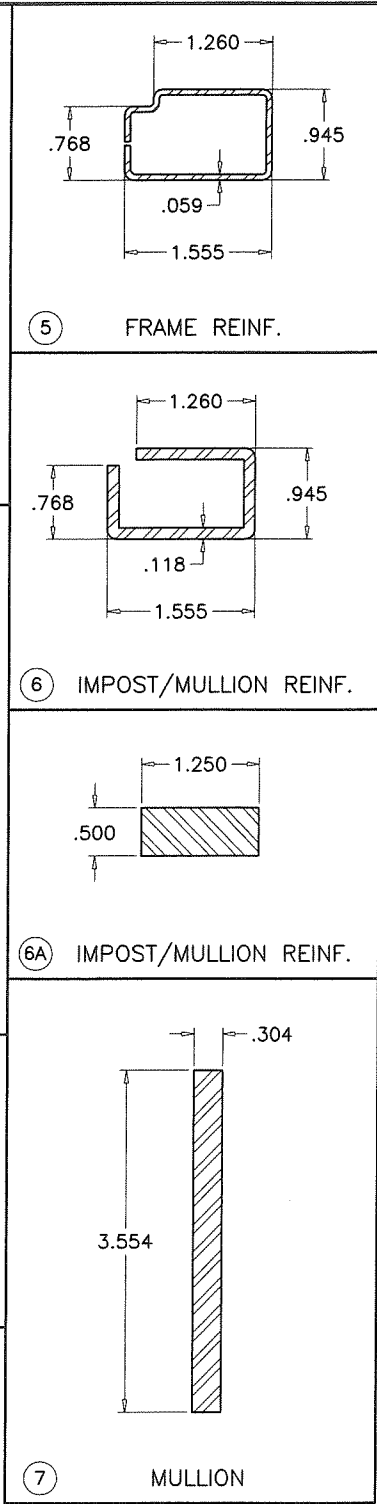
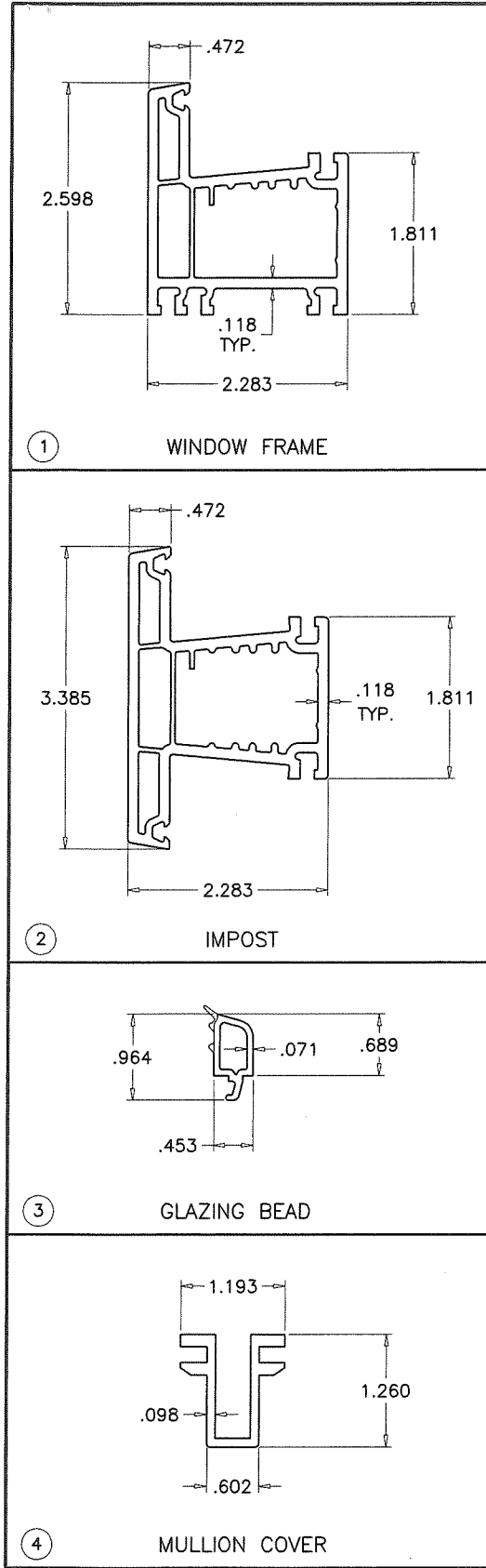
dr. by: TARIQ

chk. by:

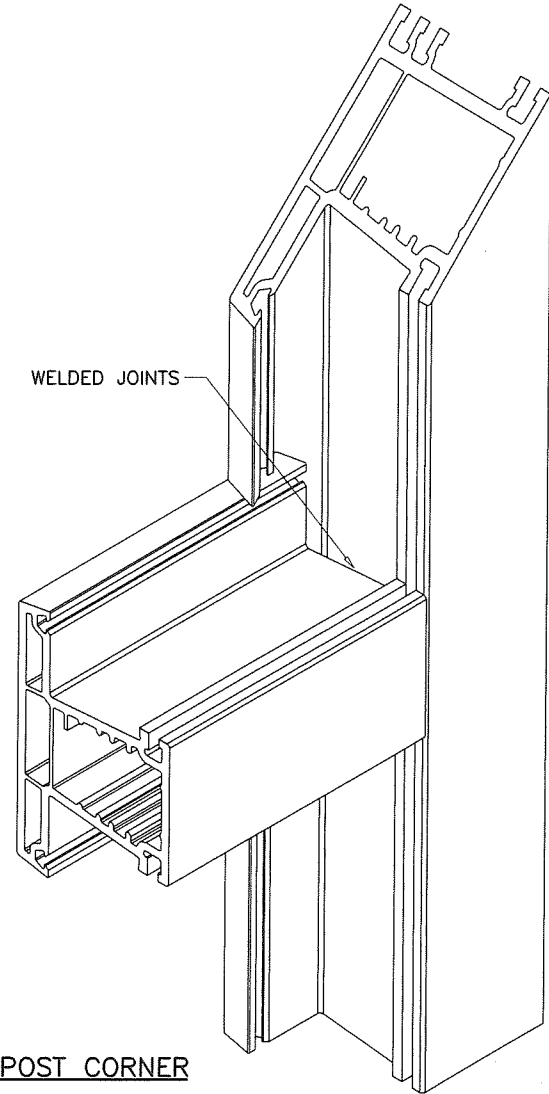
drawing no.
W17-77

sheet 4 of 5

COMP-ANL\W17-77EW



WINDOW CORNER



IMPOST CORNER

Approved as complying with the
Florida Building Code
Date Sept. 5, 2019
By 18-0611-04
Product Control

Signature



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

af c
COMP-ANL W17-77EW

WHITE PVC FIXED WINDOW (S.M.I.)

Euro Windows, Inc.
Calle 16, Lote No. 21
Urb. Industrial Villa Prades
San Juan, PR 00924
Tel. (787) 722-2531 Fax. (787) 724-4093

revisions:

no	date	by	description
A	07.25.18		REV. PER RER COMMENTS

date: 08-28-17
scale: 1/2" = 1"
dr. by: TARIQ
chk. by:

drawing no.
W17-77
sheet 5 of 5