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Product Approval

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[Product Approval Menu](#) > **Application Detail**

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FL #

Application Type

Code Version

Application Status

Comments

Archived

Product Manufacturer

Address/Phone/Email

Authorized Signature

Technical Representative

Address/Phone/Email

Quality Assurance Representative

Address/Phone/Email

Category

Subcategory

Compliance Method

Florida Engineer or Architect Name who developed the Evaluation Report

Florida License

Quality Assurance Entity

Quality Assurance Contract Expiration Date

Validated By

Certificate of Independence

Referenced Standard and Year (of Standard)

Equivalence of Product Standards

Certified By

Sections from the Code

FL46730

New

2023

Approved

☐

Pay and Go windows and doors llc

Carretera A Chamelecon

Fte A

San Pedro Sula, NON-US

(305) 833-6184

eng@payandgowd.com

Jalal Farooq

veronica@afceng.com

Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer

☐

Evaluation Report - Hardcopy Received

Jalal Farooq

PE-81223

Keystone Certifications, Inc.

04/23/2034

Abel Carrasco, PE

☒

Validation Checklist - Hardcopy Received

[FL46730\\_R0\\_COI\\_SS - Certificate of Independence 2023.pdf](#)

| Standard | Year |
|----------|------|
| TAS 201  | 1994 |
| TAS 202  | 1994 |
| TAS 203  | 1994 |

Product Approval Method

Method 1 Option D

Date Submitted05/01/2024

Date Validated05/09/2024

Date Pending FBC Approval05/12/2024

Date Approved06/18/2024

Summary of Products

| FL #                                                                                                                                                                                                                                                                             | Model, Number or Name               | Description                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 46730.1                                                                                                                                                                                                                                                                          | Series 1000FW Aluminum Fixed Window | Large missile impact resistant aluminum fixed window.                                                                                                                                                                                                                                                                                                |
| <b>Limits of Use</b><br><b>Approved for use in HVHZ:</b> Yes<br><b>Approved for use outside HVHZ:</b> Yes<br><b>Impact Resistant:</b> Yes<br><b>Design Pressure:</b> +80/-95<br><b>Other:</b> See attached drawing 24-18F for span vs load combination and installation details. |                                     | <b>Installation Instructions</b><br><a href="#">FL46730_R0_II_SS - 1000 Fixed WDW (LMI)-DWG 24-18F 2023.1.pdf</a><br>Verified By: Jalal Farooq PE 81223<br>Created by Independent Third Party: Yes<br><b>Evaluation Reports</b><br><a href="#">FL46730_R0_AE_SS - 1000 Fixed WDW (LMI)-PAE 2023.1.pdf</a><br>Created by Independent Third Party: Yes |
| 46730.2                                                                                                                                                                                                                                                                          | Series 1000FW Aluminum Fixed Window | Small missile impact resistant aluminum fixed window                                                                                                                                                                                                                                                                                                 |
| <b>Limits of Use</b><br><b>Approved for use in HVHZ:</b> Yes<br><b>Approved for use outside HVHZ:</b> Yes<br><b>Impact Resistant:</b> Yes<br><b>Design Pressure:</b> +80/-95<br><b>Other:</b> See drawing 24-19F for span vs load combinations and installation details.         |                                     | <b>Installation Instructions</b><br><a href="#">FL46730_R0_II_SS - 1000 Fixed WDW (SMI)-DWG 24-19F 2023.1.pdf</a><br>Verified By: Jalal Farooq PE 81223<br>Created by Independent Third Party: Yes<br><b>Evaluation Reports</b><br><a href="#">FL46730_R0_AE_SS - 1000 Fixed WDW (SMI)-PAE 2023.1.pdf</a><br>Created by Independent Third Party: Yes |

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Next

[Contact Us](#) :: [2601 Blair Stone Road, Tallahassee FL 32399](#) Phone: 850-487-1824

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Product Approval Accepts:



**SERIES-1000FW**  
**ALUMINUM FIXED WINDOW**

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

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF FIX./FIX. OR FIXED WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING F.B.C. 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 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.

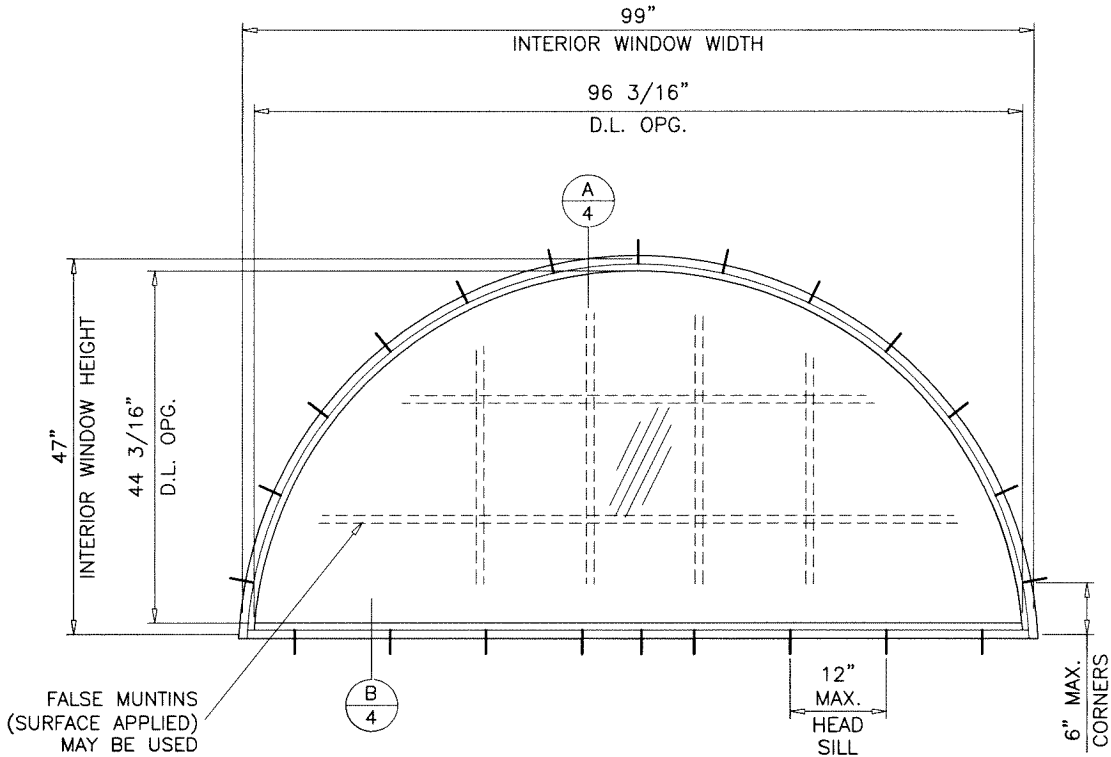
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY. ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

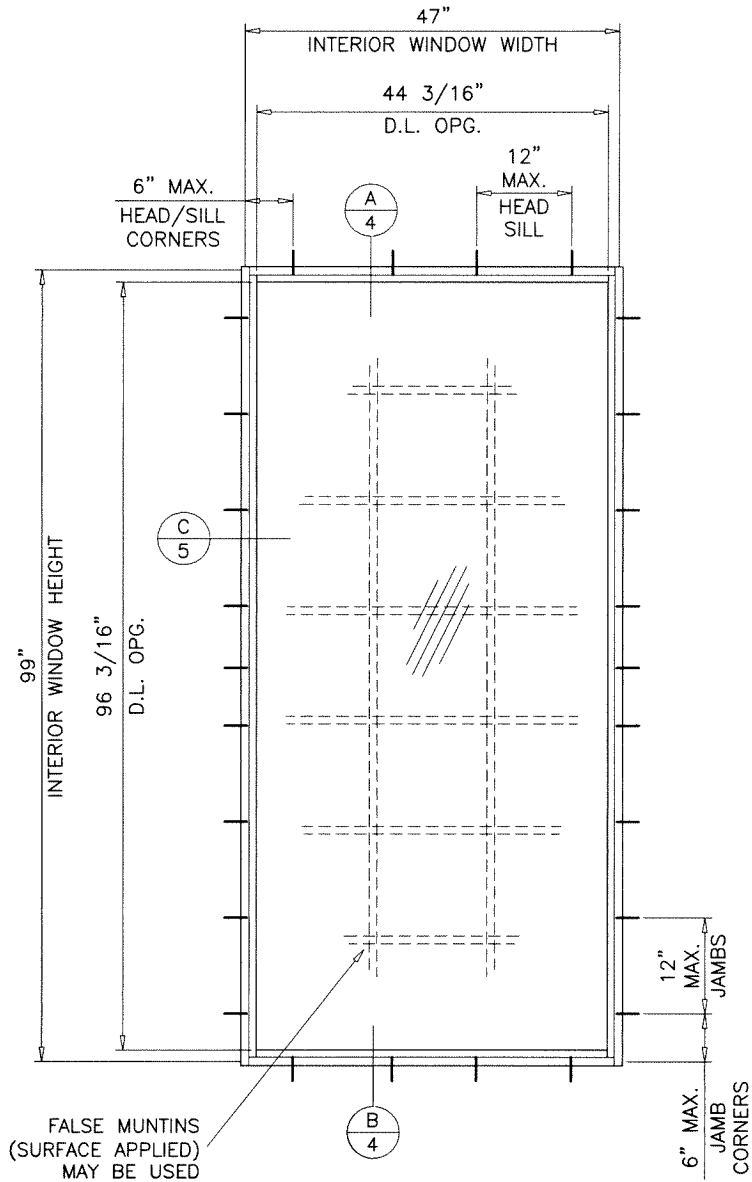
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

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

MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE. LABELING TO COMPLY WITH SECTION 1709.9.2.



**TYPICAL ELEVATIONS**  
TESTED UNITS



DAYLITE OPENINGS:  
D.L.O. HEIGHT = INT. WINDOW HEIGHT - 2.860"  
D.L.O. WIDTH = INT. WINDOW WIDTH - 2.860"

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

- A- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT.
- B- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.
- C- SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.E.D. ENGINEER OF RECORD, ACTING AS A DELEGATED ENGINEER TO THE P.E.D. ENGINEER SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW.
- D- THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.



Sealed: 5/3/2024  
FL #46730

**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\24-18F-PGW

SERIES-1000FW ALUMINUM FIXED WDW. (L.M.I.)  
**Pay And Go Windows And Doors, LLC.**  
Carretera A Chamelecon, Fte A  
San Pedro Sula, Cortes Honduras 211002318  
Tel. 954-612-6252

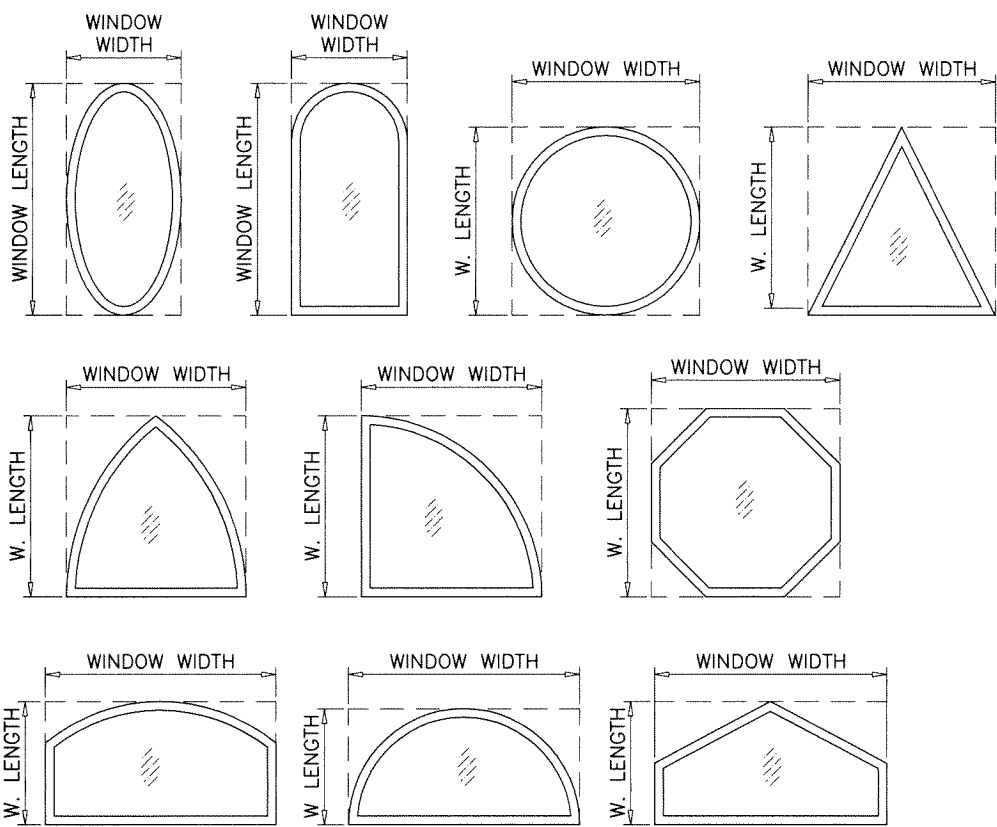
| revisions: |                     |
|------------|---------------------|
| no         | date by description |
|            |                     |
|            |                     |
|            |                     |

date: 04-29-24  
scale: 1/2"=1'-0"  
dr. by: TARIQ  
chk. by:

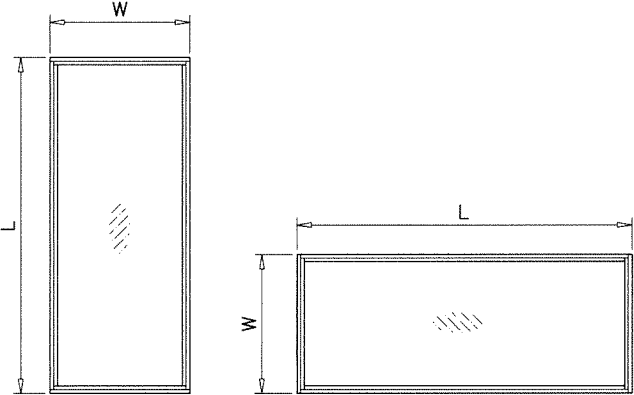
drawing no.  
**24-18F**  
sheet 1 of 6

| DESIGN LOAD CAPACITY - PSF |         |                        |         |
|----------------------------|---------|------------------------|---------|
| INTERIOR FRAME DIMS.       |         | GLASS TYPES 'A' & 'Ai' |         |
| WIDTH                      | HEIGHT  | EXT.(+)                | INT.(-) |
| 18-1/8"                    | 25"     | 70.0                   | 70.0    |
| 25-1/2"                    |         | 70.0                   | 70.0    |
| 36"                        |         | 70.0                   | 70.0    |
| 52-1/8"                    |         | 70.0                   | 70.0    |
| 18-1/8"                    | 37-3/8" | 70.0                   | 70.0    |
| 25-1/2"                    |         | 70.0                   | 70.0    |
| 36"                        |         | 68.5                   | 68.5    |
| 52-1/8"                    |         | 66.0                   | 66.0    |
| 18-1/8"                    | 49-5/8" | 70.0                   | 70.0    |
| 25-1/2"                    |         | 70.0                   | 70.0    |
| 36"                        |         | 68.5                   | 68.5    |
| 18-1/8"                    | 55"     | 70.0                   | 70.0    |
| 25-1/2"                    |         | 70.0                   | 70.0    |
| 36"                        |         | 68.5                   | 68.5    |
| 18-1/8"                    | 62"     | 70.0                   | 70.0    |
| 25-1/2"                    |         | 70.0                   | 70.0    |
| 18-1/8"                    | 71"     | 70.0                   | 70.0    |
| 25-1/2"                    |         | 70.0                   | 70.0    |
| 18-1/8"                    | 75"     | 70.0                   | 70.0    |
| 25-1/2"                    |         | 70.0                   | 70.0    |

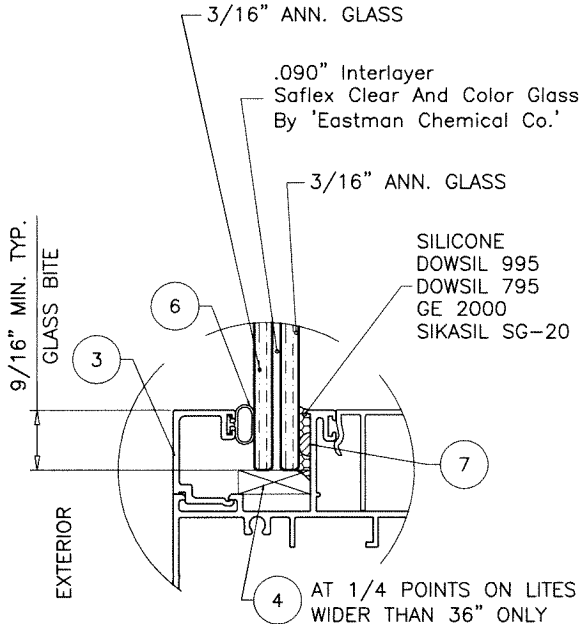
| DESIGN LOAD CAPACITY - PSF |        |                        |         |
|----------------------------|--------|------------------------|---------|
| INTERIOR FRAME DIMS.       |        | GLASS TYPES 'A' & 'Ai' |         |
| WIDTH                      | HEIGHT | EXT.(+)                | INT.(-) |
| 23"                        | 47"    | 70.0                   | 70.0    |
| 29"                        |        | 70.0                   | 70.0    |
| 35-1/4"                    |        | 70.0                   | 70.0    |
| 41"                        |        | 60.2                   | 60.2    |
| 23"                        | 59"    | 70.0                   | 70.0    |
| 29"                        |        | 70.0                   | 70.0    |
| 23"                        | 62"    | 70.0                   | 70.0    |
| 29"                        |        | 70.0                   | 70.0    |
| 23"                        | 71"    | 70.0                   | 70.0    |
| 23"                        |        | 70.0                   | 70.0    |
| 23"                        | 83"    | 70.0                   | 70.0    |
| 23"                        |        | 70.0                   | 70.0    |



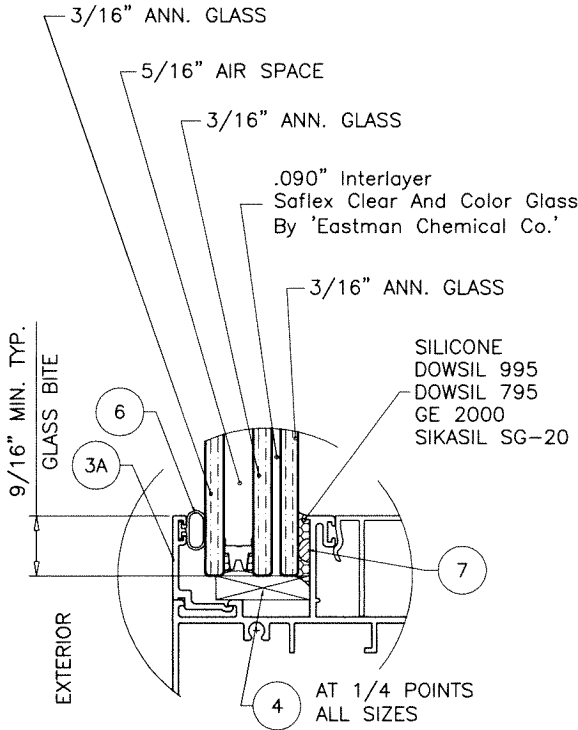
ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE VERIFIED BY INSCRIBING PICTURE WINDOW SHAPE WITHIN SQUARE OR RECTANGLE AS SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES.



NOTE:  
WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.

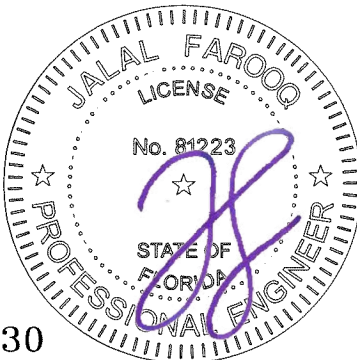


GLASS TYPE 'A'  
7/16" OVERALL LAM. GLASS



GLASS TYPE 'Ai'  
15/16" OVERALL INSUL. LAM. GLASS

NOTE:  
EXTERIOR LITE OF GLASS TYPE 'Ai' TO BE TEMPERED FOR INSTALLATIONS ABOVE 30 FT. OF GRADE.



Sealed: 5/3/2024

FL #46730

**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\24-18F-PGW

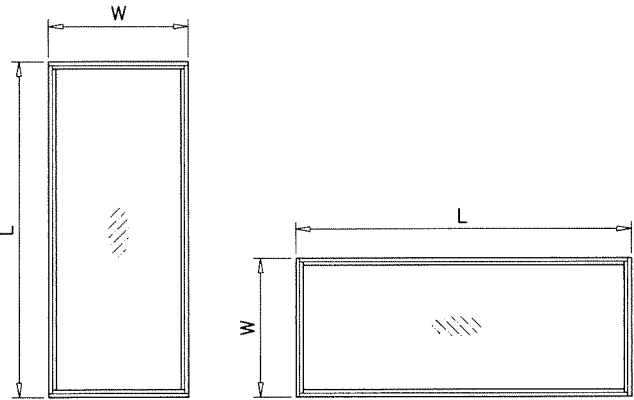
SERIES-100FW ALUMINUM FIXED WDW. (L.M.I.)  
**Pay And Go Windows And Doors, LLC.**  
Carretera A Chamelecon, Fte A  
San Pedro Sula, Cortes Honduras 211002318  
Tel. 954-612-6252

revisions:  
no date by description  
date: 04-29-24  
scale: 1/2" = 1"  
dr. by: TARIQ  
chk. by:  
drawing no.  
**24-18F**  
sheet 2 of 6

| DESIGN LOAD CAPACITY - PSF |         |                        |         |
|----------------------------|---------|------------------------|---------|
| INTERIOR FRAME DIMS.       |         | GLASS TYPES 'B' & 'Bi' |         |
| WIDTH                      | HEIGHT  | EXT.(+)                | INT.(-) |
| 18-1/8"                    | 25"     | 80.0                   | 95.0    |
| 25-1/2"                    |         | 80.0                   | 95.0    |
| 36"                        |         | 80.0                   | 95.0    |
| 52-1/8"                    |         | 80.0                   | 95.0    |
| 18-1/8"                    | 37-3/8" | 80.0                   | 95.0    |
| 25-1/2"                    |         | 80.0                   | 95.0    |
| 36"                        |         | 80.0                   | 95.0    |
| 52-1/8"                    |         | 80.0                   | 95.0    |
| 18-1/8"                    | 49-5/8" | 80.0                   | 95.0    |
| 25-1/2"                    |         | 80.0                   | 95.0    |
| 36"                        |         | 80.0                   | 95.0    |
| 52-1/8"                    |         | 75.8                   | 90.0    |
| 18-1/8"                    | 55"     | 80.0                   | 95.0    |
| 25-1/2"                    |         | 80.0                   | 95.0    |
| 36"                        |         | 80.0                   | 95.0    |
| 52-1/8"                    |         | 72.1                   | 85.7    |
| 18-1/8"                    | 62"     | 80.0                   | 95.0    |
| 25-1/2"                    |         | 80.0                   | 95.0    |
| 36"                        |         | 80.0                   | 95.0    |
| 52-1/8"                    |         | 72.1                   | 85.7    |
| 18-1/8"                    | 71"     | 80.0                   | 95.0    |
| 25-1/2"                    |         | 80.0                   | 95.0    |
| 36"                        |         | 80.0                   | 95.0    |
| 52-1/8"                    |         | 72.1                   | 85.7    |
| 18-1/8"                    | 75"     | 80.0                   | 95.0    |
| 25-1/2"                    |         | 80.0                   | 95.0    |
| 36"                        |         | 80.0                   | 95.0    |
| 52-1/8"                    |         | 72.1                   | 85.7    |

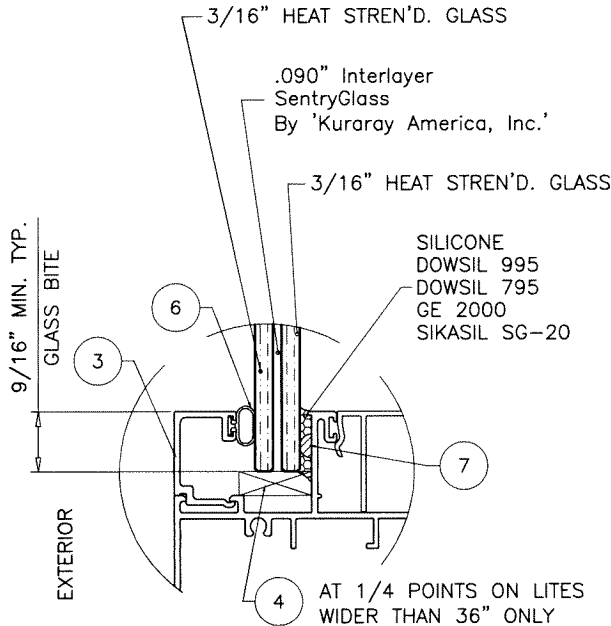
| DESIGN LOAD CAPACITY - PSF |        |                        |         |
|----------------------------|--------|------------------------|---------|
| INTERIOR FRAME DIMS.       |        | GLASS TYPES 'B' & 'Bi' |         |
| WIDTH                      | HEIGHT | EXT.(+)                | INT.(-) |
| 23"                        | 47"    | 80.0                   | 95.0    |
| 29"                        |        | 80.0                   | 95.0    |
| 31"                        |        | 80.0                   | 95.0    |
| 35"                        |        | 80.0                   | 95.0    |
| 41"                        |        | 80.0                   | 95.0    |
| 47"                        |        | 80.0                   | 95.0    |
| 53"                        |        | 80.0                   | 95.0    |
| 59"                        |        | 80.0                   | 95.0    |
| 65"                        |        | 80.0                   | 95.0    |
| 71"                        |        | 80.0                   | 95.0    |
| 77"                        |        | 80.0                   | 95.0    |
| 23"                        | 59"    | 80.0                   | 95.0    |
| 29"                        |        | 80.0                   | 95.0    |
| 31"                        |        | 80.0                   | 95.0    |
| 35"                        |        | 80.0                   | 95.0    |
| 41"                        |        | 80.0                   | 95.0    |
| 47"                        |        | 80.0                   | 95.0    |
| 53"                        |        | 70.9                   | 84.2    |
| 59"                        |        | 63.7                   | 75.7    |
| 65"                        |        | 63.7                   | 75.7    |
| 71"                        |        | 63.7                   | 75.7    |
| 77"                        |        | 63.7                   | 75.7    |
| 23"                        | 62"    | 80.0                   | 95.0    |
| 29"                        |        | 80.0                   | 95.0    |
| 31"                        |        | 80.0                   | 95.0    |
| 35"                        |        | 80.0                   | 95.0    |
| 41"                        |        | 80.0                   | 95.0    |
| 47"                        |        | 80.0                   | 95.0    |
| 53"                        |        | 70.9                   | 84.2    |
| 59"                        |        | 63.7                   | 75.7    |
| 65"                        |        | 60.6                   | 72.0    |
| 71"                        |        | 60.6                   | 72.0    |

| DESIGN LOAD CAPACITY - PSF |        |                        |         |
|----------------------------|--------|------------------------|---------|
| INTERIOR FRAME DIMS.       |        | GLASS TYPES 'B' & 'Bi' |         |
| WIDTH                      | HEIGHT | EXT.(+)                | INT.(-) |
| 23"                        | 71"    | 80.0                   | 95.0    |
| 29"                        |        | 80.0                   | 95.0    |
| 31"                        |        | 80.0                   | 95.0    |
| 35"                        |        | 80.0                   | 95.0    |
| 41"                        |        | 80.0                   | 95.0    |
| 47"                        |        | 80.0                   | 95.0    |
| 53"                        |        | 70.9                   | 84.2    |
| 59"                        |        | 63.7                   | 75.7    |
| 65"                        |        | 57.8                   | 68.7    |
| 71"                        |        | 57.8                   | 68.7    |
| 23"                        | 83"    | 80.0                   | 95.0    |
| 29"                        |        | 80.0                   | 95.0    |
| 31"                        |        | 80.0                   | 95.0    |
| 35"                        |        | 80.0                   | 95.0    |
| 41"                        |        | 80.0                   | 95.0    |
| 47"                        |        | 80.0                   | 95.0    |
| 53"                        | 99"    | 70.9                   | 84.2    |
| 23"                        |        | 80.0                   | 95.0    |
| 29"                        |        | 80.0                   | 95.0    |
| 31"                        |        | 80.0                   | 95.0    |
| 35"                        |        | 80.0                   | 95.0    |
| 41"                        |        | 80.0                   | 95.0    |
| 47"                        | 107"   | 80.0                   | 95.0    |
| 23"                        |        | 80.0                   | 95.0    |
| 29"                        |        | 80.0                   | 95.0    |
| 31"                        |        | 80.0                   | 95.0    |
| 35"                        |        | 80.0                   | 95.0    |
| 41"                        | 119"   | 80.0                   | 95.0    |
| 23"                        |        | 80.0                   | 95.0    |
| 29"                        |        | 80.0                   | 95.0    |
| 31"                        |        | 80.0                   | 95.0    |
| 35-1/4"                    |        | 80.0                   | 95.0    |

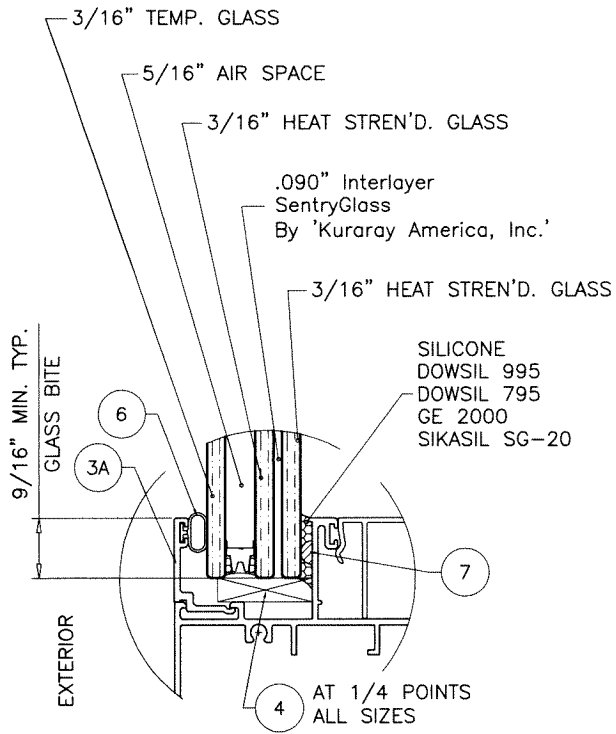


NOTE:  
WIDTH AND LENGTH DIMENSIONS CAN BE  
ORIENTED VERTICALLY OR HORIZONTALLY  
AS SHOWN ABOVE.

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



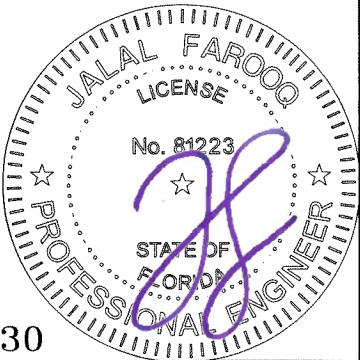
GLASS TYPE 'B'  
7/16" OVERALL LAM. GLASS



GLASS TYPE 'Bi'  
15/16" OVERALL INSUL. LAM. GLASS

Sealed: 5/3/2024

FL #46730



SERIES-100FW ALUMINUM FIXED WDW. (L.M.I.)

Pay And Go Windows And Doors, LLC.

Carretera A Chamelecon, Fte A

San Pedro Sula, Cortes Honduras 211002318

Tel. 954-612-6252

revisions:

no date by description

date: 04-29-24

scale: 1/2" = 1"

dr. by: TARIQ

chk. by:

drawing no.

24-18F

sheet 3 of 6

AL-FAROOQ CORPORATION

ENGINEERS & PRODUCT DEVELOPMENT

9360 SUNSET DRIVE, SUITE 220

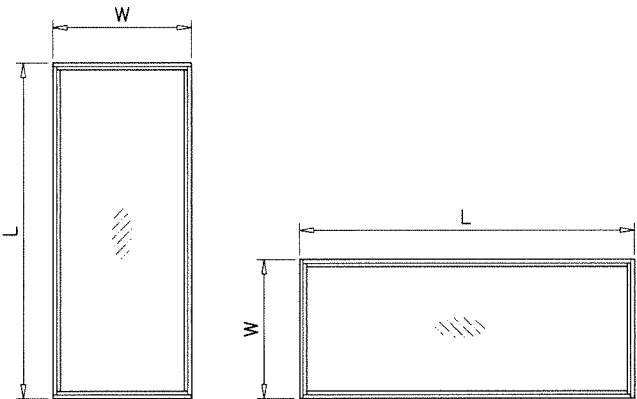
MIAMI, FLORIDA 33173

TEL. (305) 264-8100 FAX. (305) 262-6978

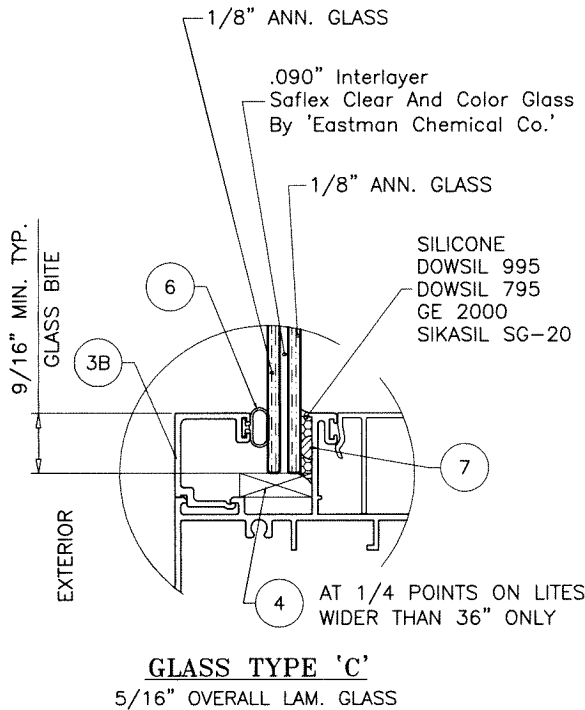
COMP-ANL\24-18F-PGW

| DESIGN LOAD CAPACITY - PSF |         |                |         |
|----------------------------|---------|----------------|---------|
| INTERIOR FRAME DIMS.       |         | GLASS TYPE 'C' |         |
| WIDTH                      | HEIGHT  | EXT.(+)        | INT.(-) |
| 18-1/8"                    | 25"     | 55.0           | 55.0    |
| 25-1/2"                    |         | 55.0           | 55.0    |
| 36"                        |         | 55.0           | 55.0    |
| 52-1/8"                    |         | 55.0           | 55.0    |
| 18-1/8"                    | 37-3/8" | 55.0           | 55.0    |
| 25-1/2"                    |         | 55.0           | 55.0    |
| 36"                        |         | 55.0           | 55.0    |
| 52-1/8"                    |         | 55.0           | 55.0    |
| 18-1/8"                    | 49-5/8" | 55.0           | 55.0    |
| 25-1/2"                    |         | 55.0           | 55.0    |
| 36"                        |         | 55.0           | 55.0    |
| 52-1/8"                    |         | 55.0           | 55.0    |
| 18-1/8"                    | 55"     | 55.0           | 55.0    |
| 25-1/2"                    |         | 55.0           | 55.0    |
| 36"                        |         | 55.0           | 55.0    |
| 52-1/8"                    |         | 55.0           | 55.0    |
| 18-1/8"                    | 62"     | 55.0           | 55.0    |
| 25-1/2"                    |         | 55.0           | 55.0    |
| 36"                        |         | 55.0           | 55.0    |
| 52-1/8"                    |         | 55.0           | 55.0    |
| 18-1/8"                    | 71"     | 55.0           | 55.0    |
| 25-1/2"                    |         | 55.0           | 55.0    |
| 36"                        |         | 55.0           | 55.0    |
| 52-1/8"                    |         | 55.0           | 55.0    |
| 18-1/8"                    | 75"     | 55.0           | 55.0    |
| 25-1/2"                    |         | 55.0           | 55.0    |
| 36"                        |         | 55.0           | 55.0    |
| 52-1/8"                    |         | 55.0           | 55.0    |

| DESIGN LOAD CAPACITY - PSF |        |                |         |
|----------------------------|--------|----------------|---------|
| INTERIOR FRAME DIMS.       |        | GLASS TYPE 'C' |         |
| WIDTH                      | HEIGHT | EXT.(+)        | INT.(-) |
| 23"                        | 47"    | 55.0           | 55.0    |
| 29"                        |        | 55.0           | 55.0    |
| 31"                        |        | 55.0           | 55.0    |
| 35"                        |        | 55.0           | 55.0    |
| 41"                        |        | 55.0           | 55.0    |
| 23"                        | 59"    | 55.0           | 55.0    |
| 29"                        |        | 55.0           | 55.0    |
| 23"                        | 62"    | 55.0           | 55.0    |
| 29"                        |        | 55.0           | 55.0    |
| 23"                        | 71"    | 55.0           | 55.0    |
| 23"                        | 83"    | 55.0           | 55.0    |



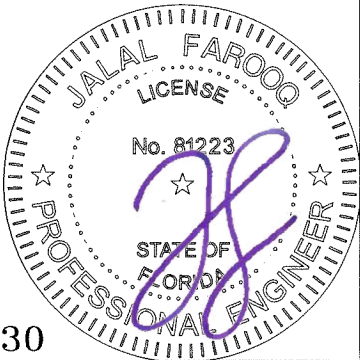
NOTE:  
WIDTH AND LENGTH DIMENSIONS CAN BE  
ORIENTED VERTICALLY OR HORIZONTALLY  
AS SHOWN ABOVE.



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

Sealed: 5/3/2024

FL #46730



**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\24-18F-PGW

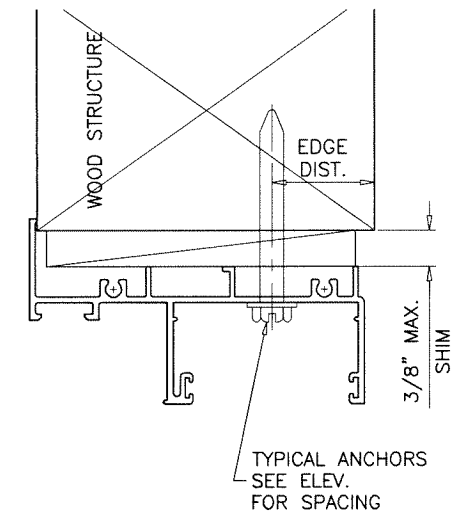
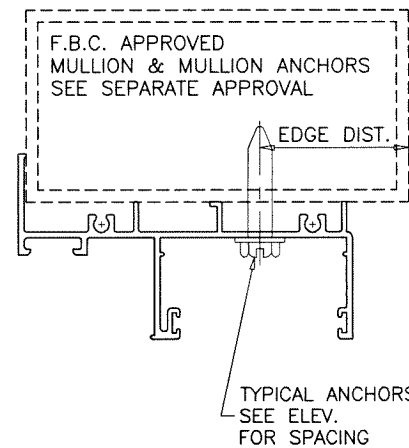
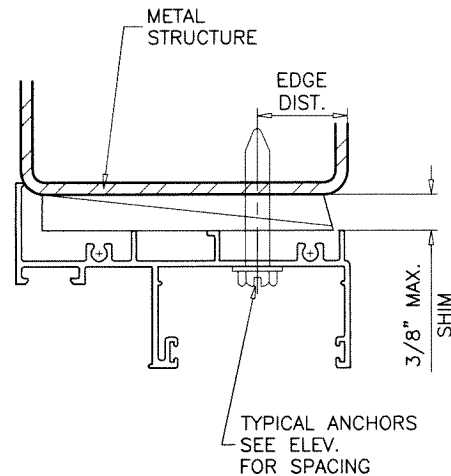
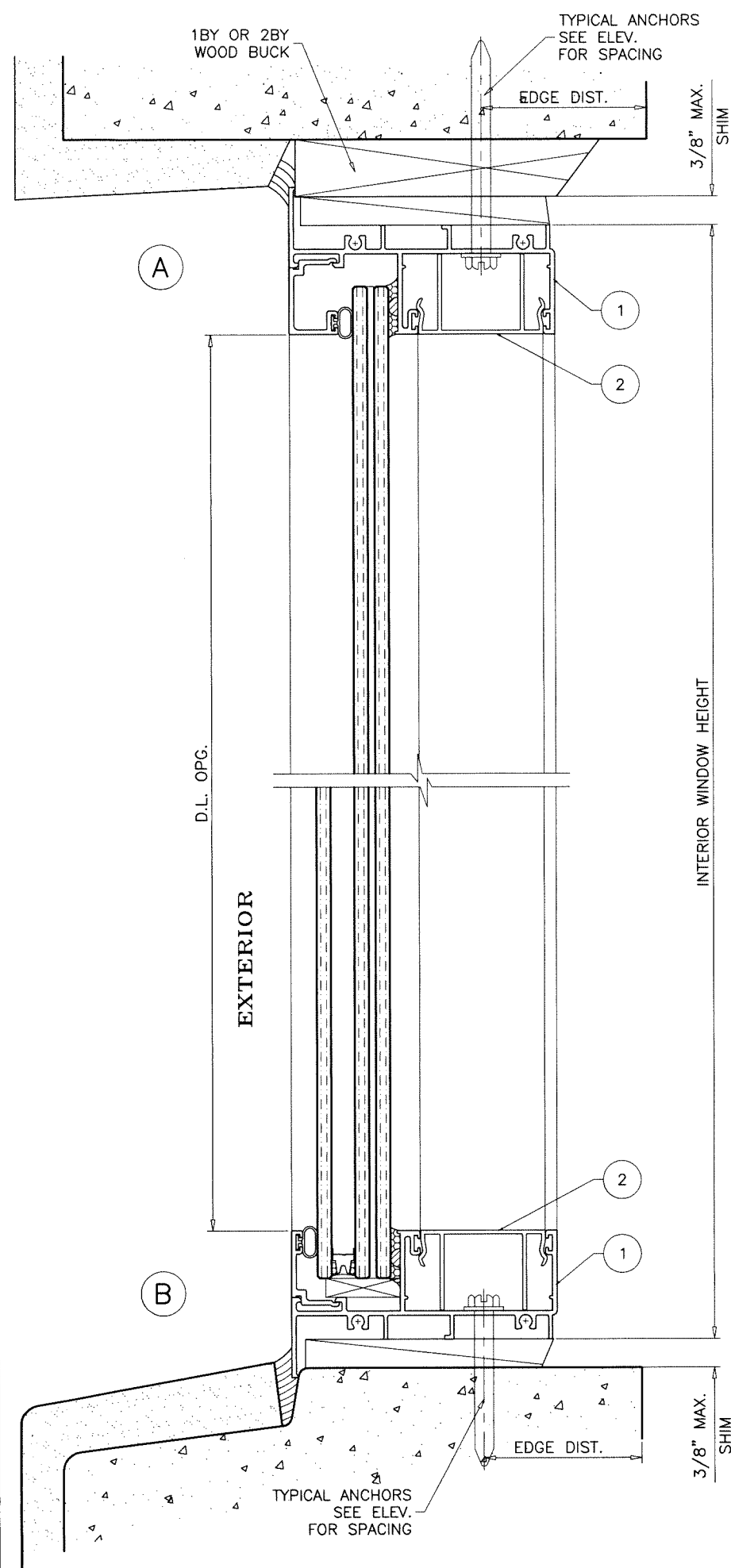
SERIES-100FW ALUMINUM FIXED WDW. (L.M.I.)

**Pay And Go Windows And Doors, LLC.**  
Carretera A Chamelecon, Fte A  
San Pedro Sula, Cortes Honduras 211002318  
Tel. 954-612-6252

revisions:  
no date by description

date: 04-29-24  
scale: 1/2" = 1"  
dr. by: TARIQ  
chk. by:

drawing no.  
**24-18F**  
sheet 3.1 of 6



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

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

**1/4" DIA. ULTRACON+ BY 'DEWALT'** ( $F_u=164$  KSI,  $F_y=148$  KSI)

INTO WOOD STRUCTURES

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

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

1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)

1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

DIRECTLY INTO CONCRETE OR BLOCKS

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

2" MIN. EMBED INTO GROUT FILLED BLOCKS (JAMBS)

**1/4" DIA. TEKS OR SELF-DRILLING SCREWS** (GRADE 5 CRS)

INTO F.B.C. APPROVED MULLIONS

OR

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)

**TYPICAL EDGE DISTANCE**

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

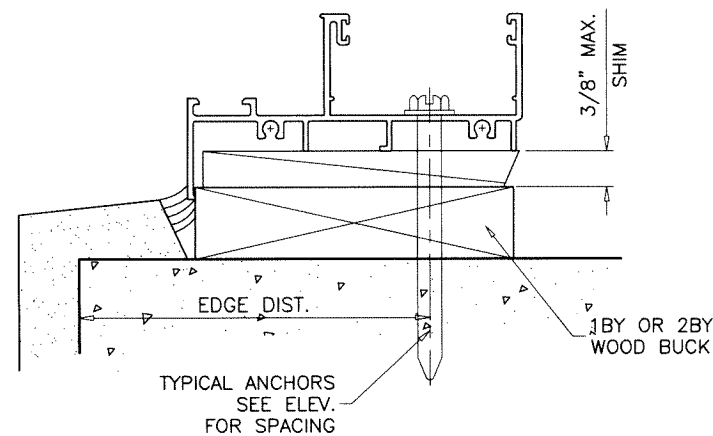
INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.

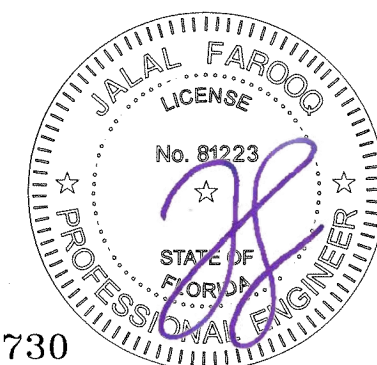
CONCRETE AT HEAD, SILL OR JAMBS  $f'_c = 3000$  PSI MIN.

C-90 HOLLOW/FILLED BLOCK AT JAMBS  $f'_m = 2000$  PSI MIN.



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FL #46730



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TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL 24-18F-PGW

**a f c**

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SERIES-1000FW ALUMINUM FIXED WDW. (L.M.I.)

**Pay And Go Windows And Doors, LLC.**  
Carretera A Chamelecon, Fte A  
San Pedro Sula, Cortes Honduras 211002318  
Tel. 954-612-6252

revisions:

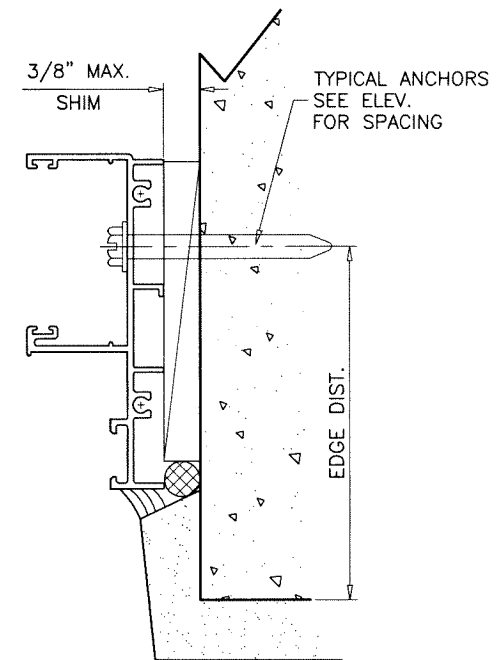
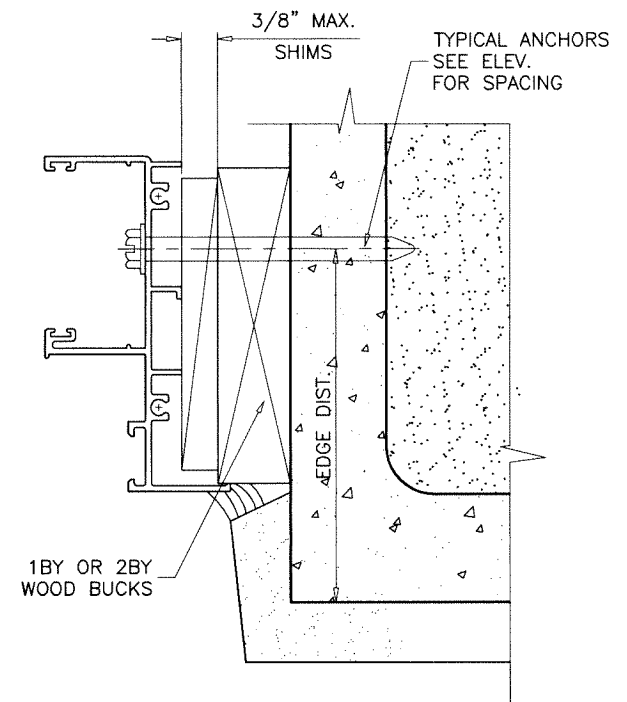
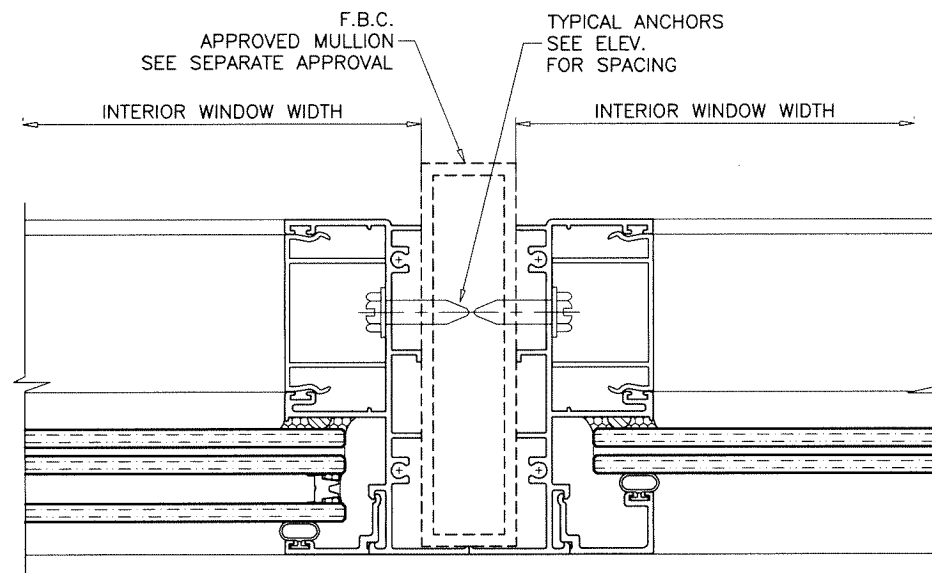
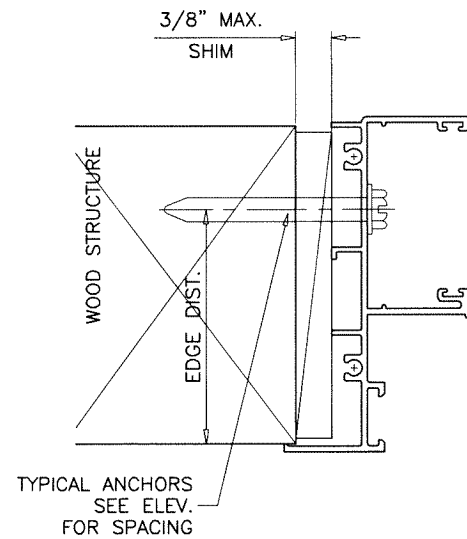
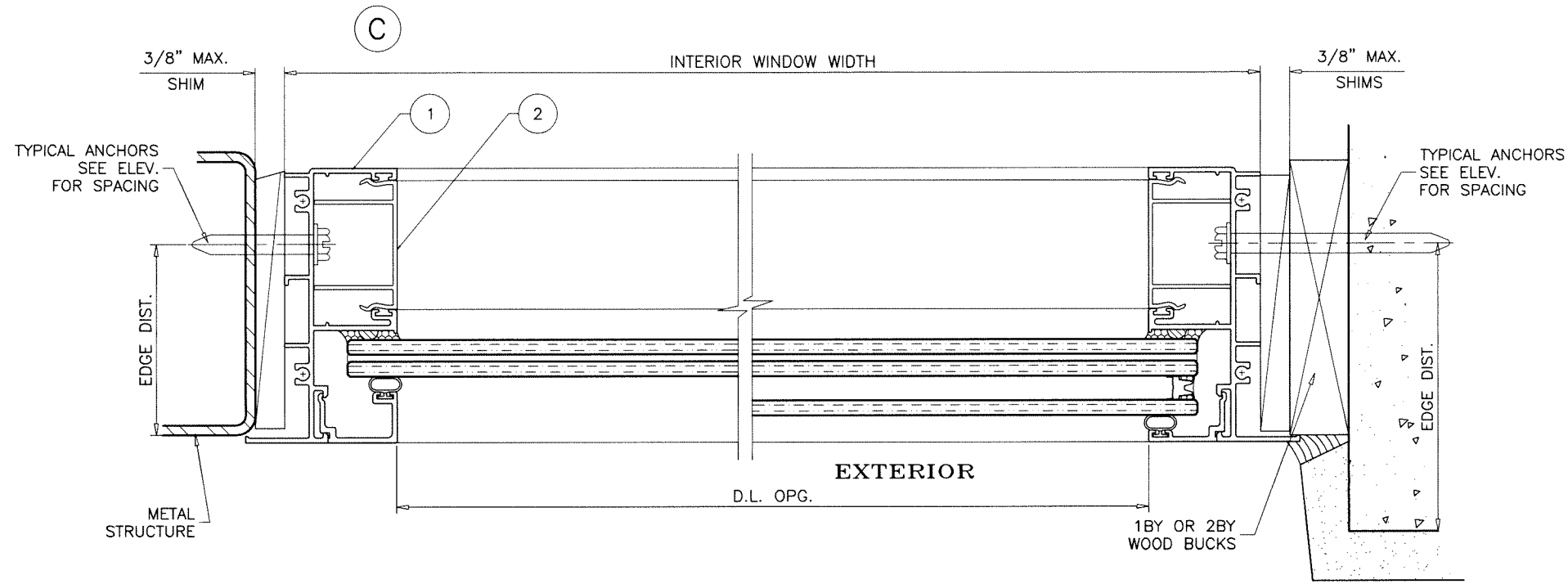
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dr. by: TARIQ  
chk. by:

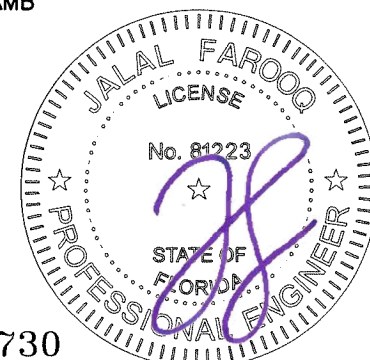
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drawing no.  
**24-18F**

sheet 4 of 6



FLUSH FRAME WITH  
TRIMMED EXTERIOR FLANGE  
HEAD/SILL/JAMB



Sealed: 5/3/2024

FL #46730

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TEL. (305) 264-8100 FAX. (305) 262-6978

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SERIES-100FW ALUMINUM FIXED WDW. (L.M.I.)

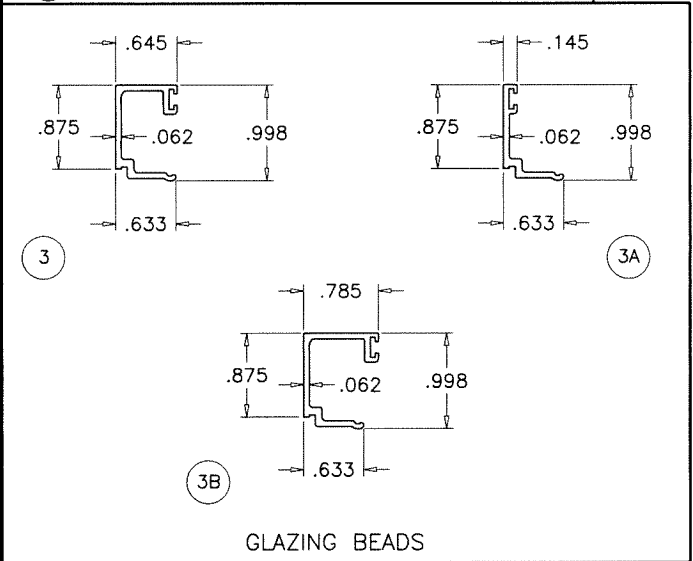
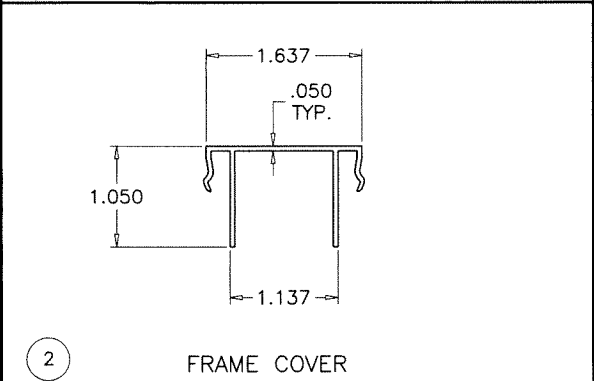
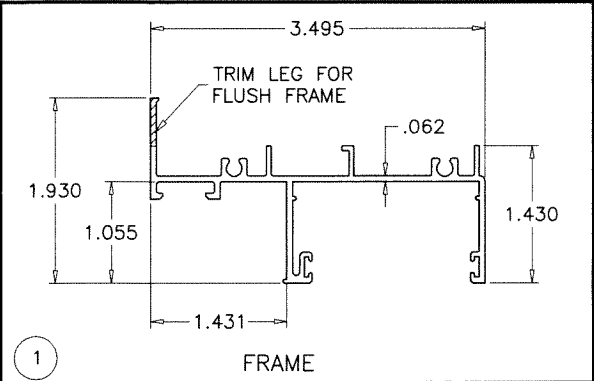
**Pay And Go Windows And Doors, LLC.**  
Carretera A Chamelecon, Fte A  
San Pedro Sula, Cortes Honduras 211002318  
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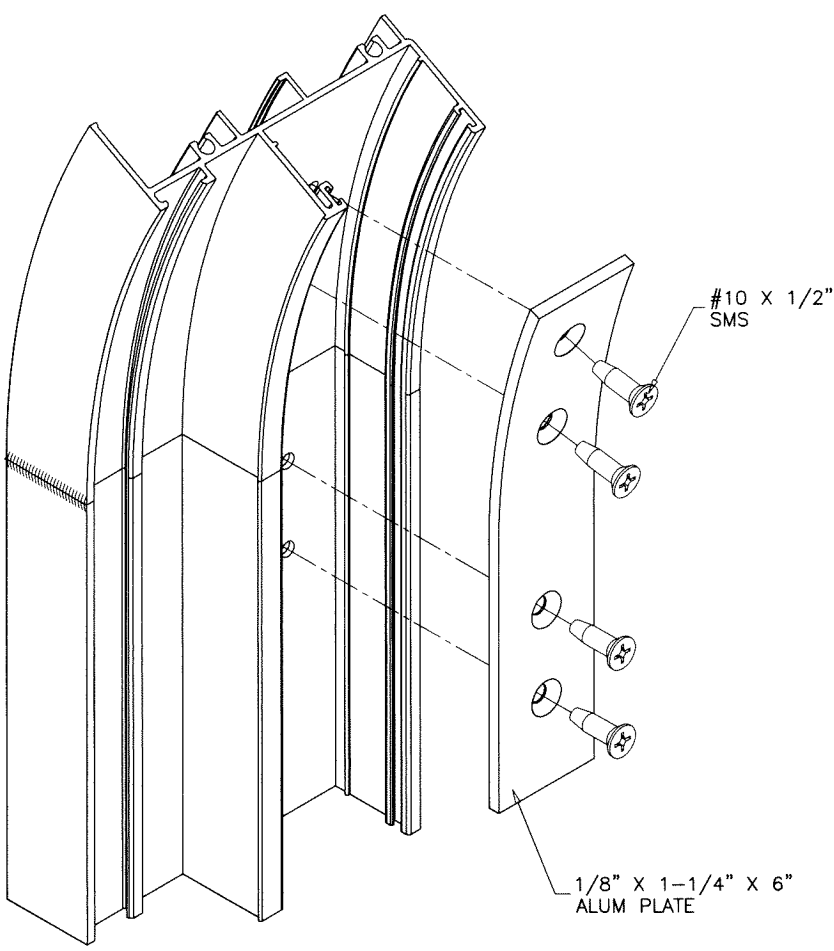
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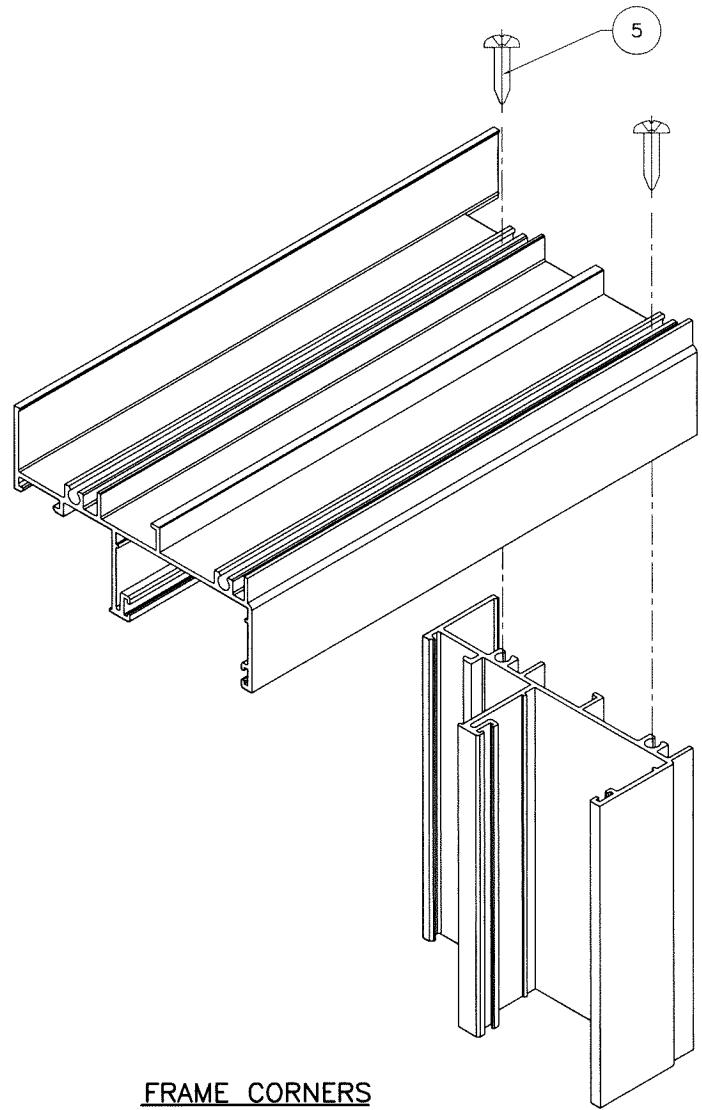


| ITEM # | PART #       | REQD.    | DESCRIPTION                                       | MATERIAL      | MANF./SUPPLIER/REMARKS |
|--------|--------------|----------|---------------------------------------------------|---------------|------------------------|
| 1      | 116          | 4        | FRAME                                             | 6063-T6       | PROFILE                |
| 2      | 117          | 4        | FRAME COVER                                       | 6063-T6       | PROFILE                |
| 3      | 115          | 4        | GLAZING BEAD (7/16" LAM. GLASS)                   | 6063-T6       | PROFILE                |
| 3A     | 103          | 4        | GLAZING BEAD (INSUL. LAM. GLASS)                  | 6063-T6       | PROFILE                |
| 3B     | 119          | 4        | GLAZING BEAD (5/16" LAM. GLASS)                   | 6063-T6       | PROFILE                |
| 4      | -            | 2/ LITE  | SETTING BLOCK AT 1/4 POINTS (1/4" X 1" X 2" LONG) | EPDM          | DUROMETER 80±5 SHORE A |
| 5      | #10 X 1-1/2" | 8/ VENT  | FRAME ASSEMBLY SCREW                              | ST. STEEL     | FH SMS TYPE B          |
| 6      | E-206        | AS RQD.  | GLAZING BEAD BULB                                 | TPE/POLYPROP. | SULLIVAN & ASSOC.      |
| 7      | -            | AS REQD. | GLASS SPACER                                      | SILICONE      | FRANK LOWE             |

**SEALANT:**  
ALL JOINTS AND FRAME CONNECTIONS SEALED WITH WHITE/ALUMINUM COLORED GENERAL PURPOSE SILICONE.



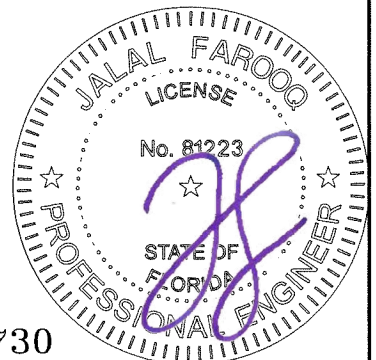
**FRAME CORNERS**  
CIRCULAR WINDOWS



**FRAME CORNERS**  
RECT. OR SQUARE WINDOWS

Sealed: 5/3/2024

FL #46730



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(C.A.N. 3538)

SERIES-1000FW ALUMINUM FIXED WDW. (L.M.I.)

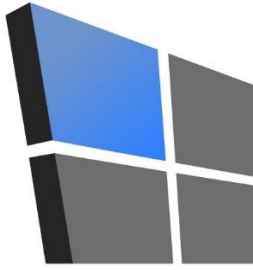
**Pay And Go Windows And Doors, LLC.**  
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date: 04-29-24  
scale: 1/2" = 1"  
dr. by: TARIQ  
chk. by:

drawing no.  
**24-18F**  
sheet 6 of 6



# **AL-FAROOQ CORPORATION**

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

January 23, 2023

Product Approval Administrator  
Building Codes & Standards Section  
Department of Business & Professional Regulations  
1940 North Monroe Street, Suite 90  
Tallahassee, FL 32399-2100

To whom it may concern,

As the design engineer retained to prepare the product approval(s) associated with this letter as shown below on this same web page, I do hereby declare that I do not have and will not have any financial interest in any company manufacturing or distributing the referenced product(s), nor do I have or will have any financial interest with any other entity involved in the approval process of the referenced product(s).

Sincerely,



Jalal Farooq, P.E.  
CFO

Sealed: 1/23/2023