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Business & Professional Regulation

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Department of Business & Professional Regulation



Product Approval

USER: Public User

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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

FL46729

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

Windows

Single Hung

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

[FL46729_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 Submitted	05/01/2024
Date Validated	05/09/2024
Date Pending FBC Approval	05/14/2024
Date Approved	06/18/2024

Summary of Products

FL #	Model, Number or Name	Description
46729.1	Series 1000SH Aluminum Single Hung Window	Large missile impact resistant single hung window.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +80/-80 Other: See attached drawings 24-20F for span vs load combination and installation details.		Installation Instructions FL46729_R0_II_SS - 1000SH (LMI) -DWG 24-20F 2023.1.pdf Verified By: Jalal Farooq PE 81223 Created by Independent Third Party: Yes Evaluation Reports FL46729_R0_AE_SS - 1000SH (LMI) -PAE 2023.1.pdf Created by Independent Third Party: Yes
46729.2	Series 1000SH Aluminum Single Hung Window	Small missile impact resistant aluminum single hung window.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +80/-95 Other: See attached drawing 24-21F for span vs. load combination and installation details.		Installation Instructions FL46729_R0_II_SS - 1000SH (SMI) -DWG 24-21F 2023.1.pdf Verified By: Jalal Farooq PE 81223 Created by Independent Third Party: Yes Evaluation Reports FL46729_R0_AE_SS - 1000SH (SMI) -PAE 2023.1.pdf Created by Independent Third Party: Yes

[Back](#) [Next](#)

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

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Product Approval Accepts:



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

SERIES-1000SH
ALUMINUM SINGLE HUNG 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 S.H./S.H. OR SINGLE HUNG 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.

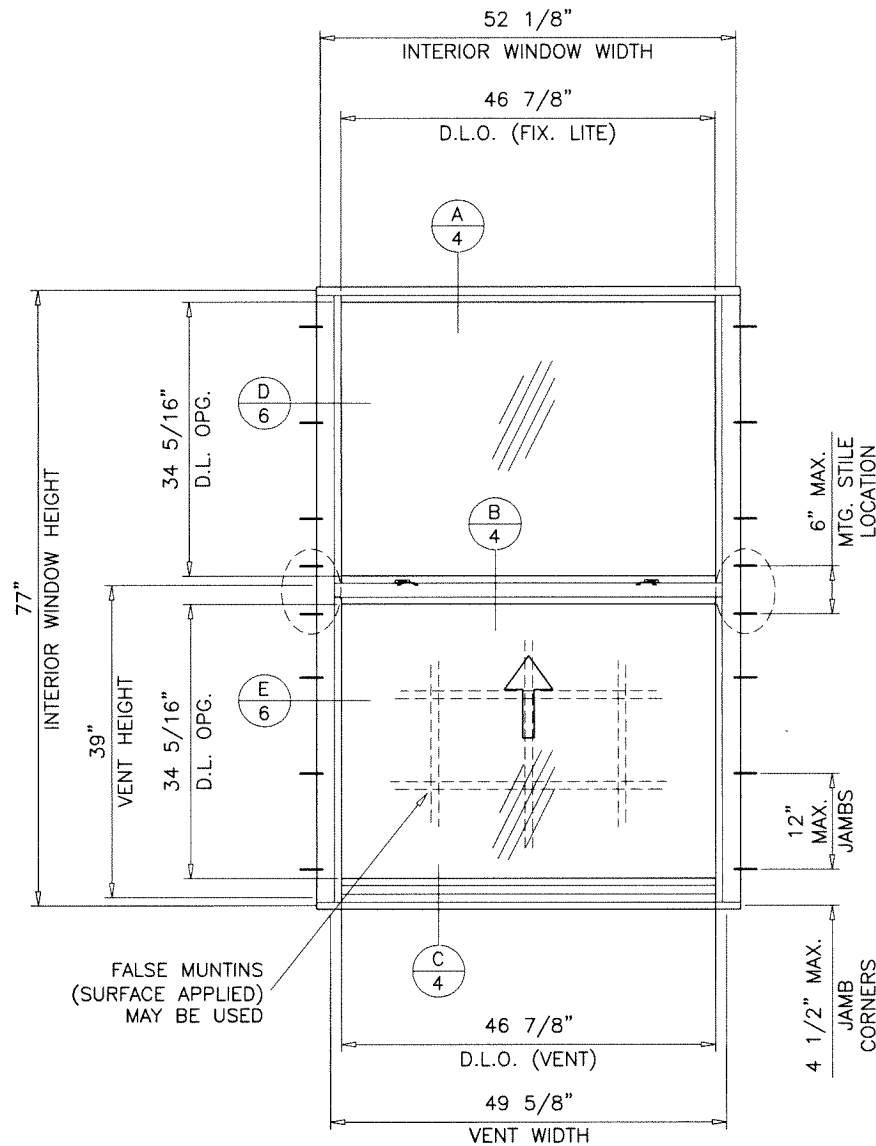
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

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.

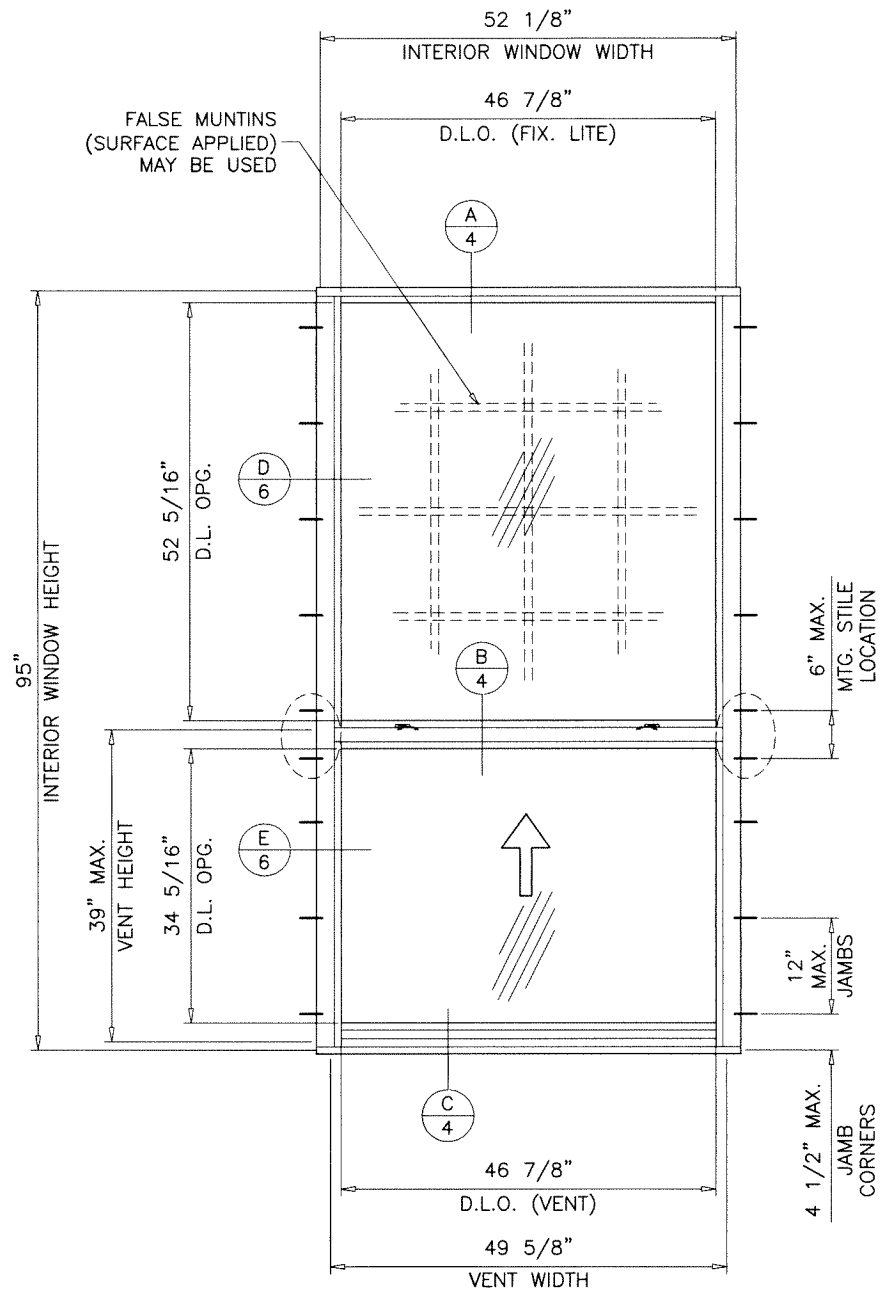
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION
FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY
OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR
WATER INFILTRATION RESISTANCE ETC.
CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,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

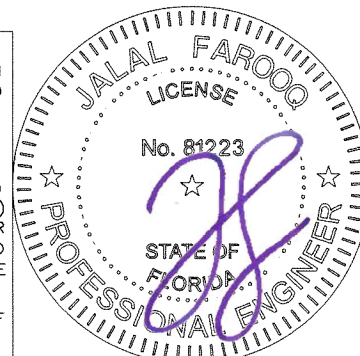


TYPICAL ELEVATION
UNEQUAL LITES (ORIEL TYPE)
TESTED UNIT

Sealed: 5/3/2024

FL #46729

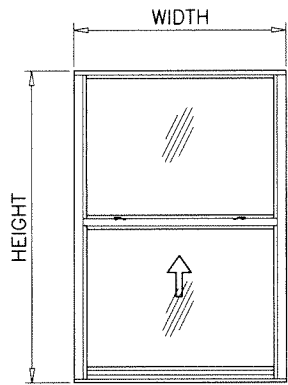
- A- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND
INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION
PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED
ON THIS DOCUMENT.
- B- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF
ALTERED BY ANY MEANS.
- C- 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.



af c			
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)			
COMP-ANL\24-20F-PGW			
SERIES-1000SH ALUM SINGLE HUNG 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.	24-20F		
sheet	1 of 8		

EQUAL LITES WINDOWS DESIGN LOAD CAPACITY - PSF			
INTERIOR FRAME DIMS.		GLASS TYPES 'A' & 'Ai'	
WIDTH	HEIGHT	EXT.(+)	1NT.(-)
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"		70.0	70.0
52-1/8"		70.0	70.0
18-1/8"	49-5/8"	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"	55"	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"	62"	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"	71"	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"	77"	70.0	70.0
25-1/2"		70.0	70.0
36"		70.0	70.0
52-1/8"		70.0	70.0

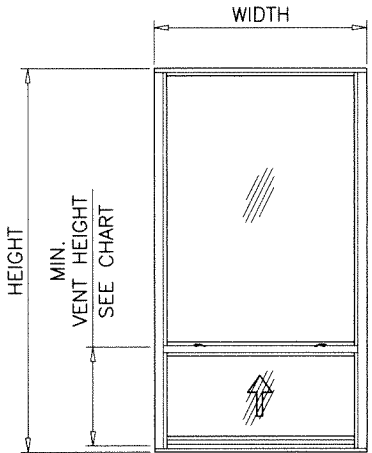
EQUAL LITES WINDOWS DESIGN LOAD CAPACITY - PSF			
INTERIOR FRAME DIMS.		GLASS TYPES 'A' & 'Ai'	
WIDTH	HEIGHT	EXT.(+)	1NT.(-)
23"	47"	70.0	70.0
29"		70.0	70.0
31"		70.0	70.0
35"		70.0	70.0
41"	59"	70.0	70.0
47"		70.0	70.0
23"		70.0	70.0
29"		70.0	70.0
31"	71"	70.0	70.0
35"		70.0	70.0
41"		70.0	70.0
47"		70.0	70.0
23"	83"	70.0	70.0
29"		70.0	70.0
31"		70.0	70.0
35"		70.0	70.0
41"	93"	70.0	70.0
47"		70.0	70.0
23"		70.0	70.0
29"		70.0	70.0
31"	93"	70.0	70.0
35"		70.0	70.0
41"		70.0	70.0



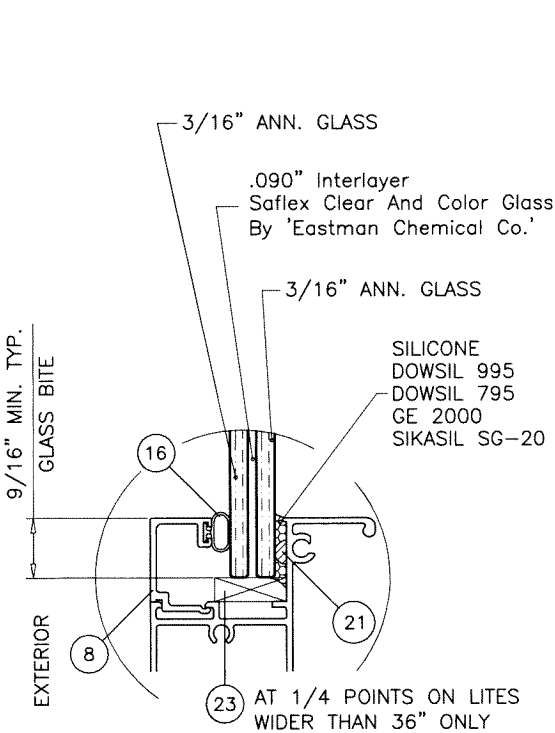
EQUAL LITES

UNEQUAL LITES WINDOWS DESIGN LOAD CAPACITY - PSF				
INTERIOR FRAME DIMS.		MIN. VENT HEIGHT	GLASS TYPES 'A' & 'Ai'	
WIDTH	HEIGHT		EXT.(+)	1NT.(-)
18-1/8"	37-3/8"	16"	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"	49-5/8"	16"	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"	55"	16"	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"	62"	22"	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"	71"	31"	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"	75"	35"	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"	95"	39"	70.0	70.0
25-1/2"			70.0	70.0
36"			70.0	70.0

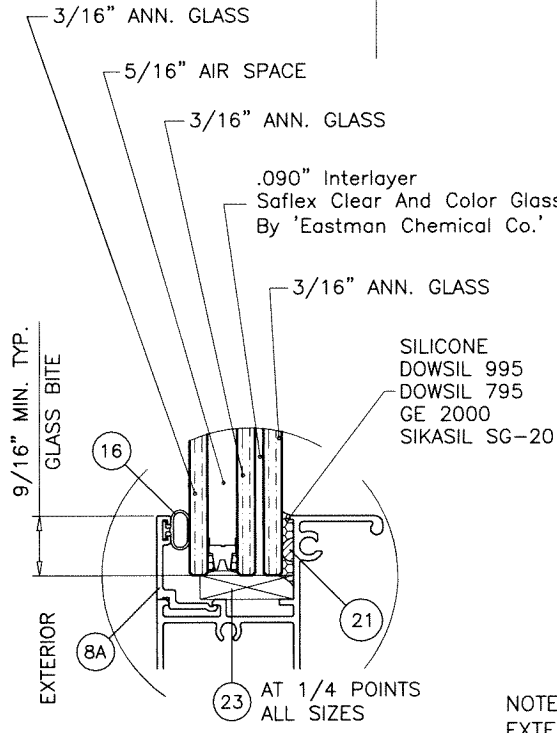
UNEQUAL LITES WINDOWS DESIGN LOAD CAPACITY – PSF				
INTERIOR FRAME DIMS.		MIN. VENT HEIGHT	GLASS TYPES 'A' & 'Ai'	
WIDTH	HEIGHT		EXT.(+)	1NT.(–)
23"	47"	16"	70.0	70.0
29"			70.0	70.0
31"			70.0	70.0
35"			70.0	70.0
41"			70.0	70.0
47"			70.0	70.0
23"	59"	16"	70.0	70.0
29"			70.0	70.0
31"			70.0	70.0
35"			70.0	70.0
41"			70.0	70.0
47"			70.0	70.0
23"	71"	25"	70.0	70.0
29"			70.0	70.0
31"			70.0	70.0
35"			70.0	70.0
41"			70.0	70.0
47"			70.0	70.0
23"	83"	37"	70.0	70.0
29"			70.0	70.0
31"			70.0	70.0
35"			70.0	70.0
41"			70.0	70.0
47"			70.0	70.0
23"	93"	37"	70.0	70.0
29"			70.0	70.0
31"			70.0	70.0
35"			70.0	70.0
23"	95"	39"	70.0	70.0
29"			70.0	70.0
31"			70.0	70.0
35"			70.0	70.0



UNEQUAL LITES (ORIEL TYPE)



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



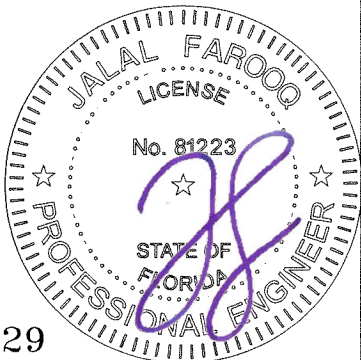
GLASS TYPE 'Ai'
15/16" OVERALL INSUL. LAM. GLASS

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

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

Sealed: 5/3/2024

FL #46729



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-1000SH ALUM SINGLE HUNG 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

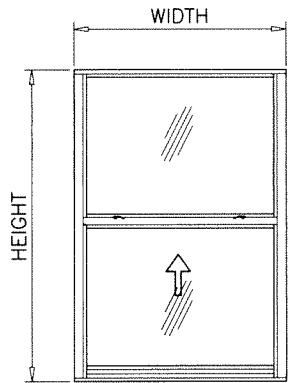
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scale: -
dr. by: TARIQ
chk. by:

drawing no.
24-20F
sheet 2 of 8

COMP-ANL 24-20F-PGW

EQUAL LITES WINDOWS DESIGN LOAD CAPACITY - PSF			
INTERIOR FRAME DIMS.		GLASS TYPES 'B' & 'Bi'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
18-1/8"	25"	80.0	80.0
25-1/2"		80.0	80.0
36"		80.0	80.0
52-1/8"		80.0	80.0
18-1/8"	37-3/8"	80.0	80.0
25-1/2"		80.0	80.0
36"		80.0	80.0
52-1/8"		80.0	80.0
18-1/8"	49-5/8"	80.0	80.0
25-1/2"		80.0	80.0
36"		80.0	80.0
52-1/8"		80.0	80.0
18-1/8"	55"	80.0	80.0
25-1/2"		80.0	80.0
36"		80.0	80.0
52-1/8"		80.0	80.0
18-1/8"	62"	80.0	80.0
25-1/2"		80.0	80.0
36"		80.0	80.0
52-1/8"		80.0	80.0
18-1/8"	71"	80.0	80.0
25-1/2"		80.0	80.0
36"		80.0	80.0
52-1/8"		80.0	80.0
18-1/8"	77"	80.0	80.0
25-1/2"		80.0	80.0
36"		80.0	80.0
52-1/8"		80.0	80.0

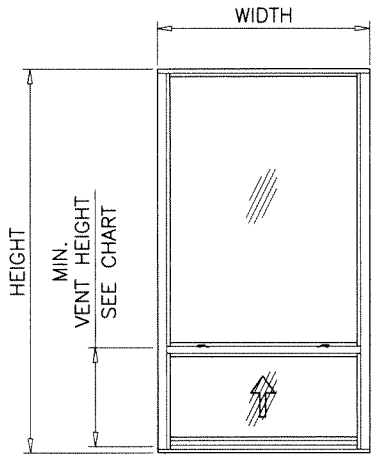
EQUAL LITES WINDOWS DESIGN LOAD CAPACITY - PSF			
INTERIOR FRAME DIMS.		GLASS TYPES 'B' & 'Bi'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
23"	47"	80.0	80.0
29"		80.0	80.0
31"		80.0	80.0
35"		80.0	80.0
41"	59"	80.0	80.0
47"		80.0	80.0
23"	71"	80.0	80.0
29"		80.0	80.0
31"		80.0	80.0
35"		80.0	80.0
41"	83"	80.0	80.0
47"		80.0	80.0
23"	93"	80.0	80.0
29"		80.0	80.0
31"		80.0	80.0
35"		80.0	80.0
41"		80.0	80.0
		80.0	80.0
		80.0	80.0
		80.0	80.0



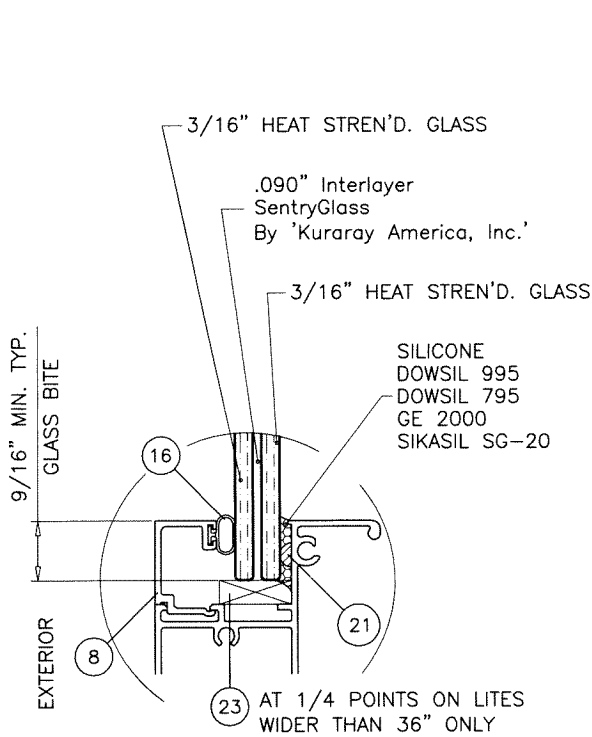
EQUAL LITES

UNEQUAL LITES WINDOWS DESIGN LOAD CAPACITY - PSF				
INTERIOR FRAME DIMS.		MIN. VENT HEIGHT	GLASS TYPES 'B' & 'Bi'	
WIDTH	HEIGHT		EXT.(+)	INT.(-)
18-1/8"	37-3/8"	16"	80.0	80.0
25-1/2"			80.0	80.0
36"			80.0	80.0
52-1/8"			80.0	80.0
18-1/8"	49-5/8"	16"	80.0	80.0
25-1/2"			80.0	80.0
36"			80.0	80.0
52-1/8"			80.0	80.0
18-1/8"	55"	16"	80.0	80.0
25-1/2"			80.0	80.0
36"			80.0	80.0
52-1/8"			80.0	80.0
18-1/8"	62"	16"	80.0	80.0
25-1/2"			80.0	80.0
36"			80.0	80.0
52-1/8"			80.0	80.0
18-1/8"	71"	16"	80.0	80.0
25-1/2"			80.0	80.0
36"			80.0	80.0
52-1/8"			80.0	80.0
18-1/8"	75"	20"	80.0	80.0
25-1/2"			80.0	80.0
36"			80.0	80.0
52-1/8"			80.0	80.0
18-1/8"	95"	39"	80.0	80.0
25-1/2"			80.0	80.0
36"			80.0	80.0
52-1/8"			80.0	80.0

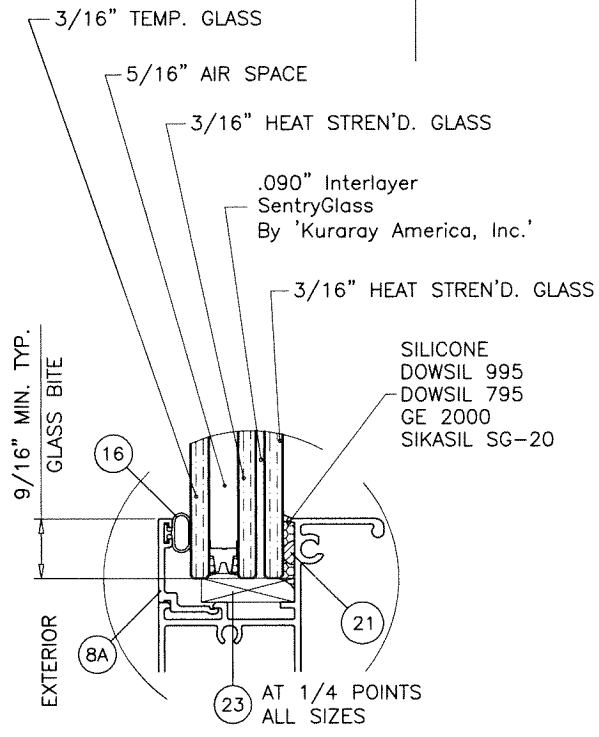
UNEQUAL LITES WINDOWS DESIGN LOAD CAPACITY - PSF				
INTERIOR FRAME DIMS.		MIN. VENT HEIGHT	GLASS TYPES 'B' & 'Bi'	
WIDTH	HEIGHT		EXT.(+)	INT.(-)
23"	47"	16"	80.0	80.0
29"			80.0	80.0
31"			80.0	80.0
35"			80.0	80.0
41"	59"	16"	80.0	80.0
47"			80.0	80.0
23"	71"	16"	80.0	80.0
29"			80.0	80.0
31"			80.0	80.0
35"			80.0	80.0
41"	83"	22"	80.0	80.0
47"			80.0	80.0
23"	93"	32"	80.0	80.0
29"			80.0	80.0
31"			80.0	80.0
35"			80.0	80.0
41"	95"	39"	80.0	80.0
47"			80.0	80.0
23"			80.0	80.0
29"			80.0	80.0
31"			80.0	80.0
35"			80.0	80.0
41"			80.0	80.0
47"			80.0	80.0
			80.0	80.0
			80.0	80.0



UNEQUAL LITES (ORIEL TYPE)



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

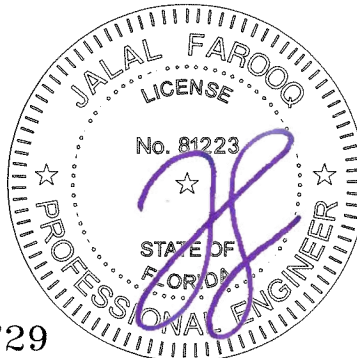


GLASS TYPE 'Bi'
15/16" OVERALL INSUL. LAM. GLASS

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

Sealed: 5/3/2024

FL #46729



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-1000SH ALUM SINGLE HUNG 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

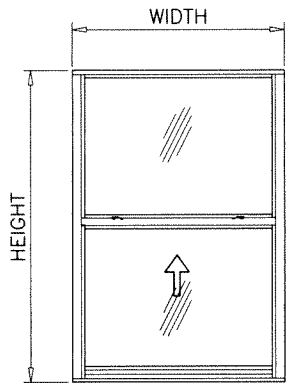
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drawing no.
24-20F
sheet 3 of 8

EQUAL LITES WINDOWS DESIGN LOAD CAPACITY - PSF			
INTERIOR FRAME DIMS.		GLASS TYPE 'C'	
WIDTH	HEIGHT	EXT.(+)	1NT.(-)
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"	77"	55.0	55.0
25-1/2"		55.0	55.0
36"		55.0	55.0
52-1/8"		55.0	55.0

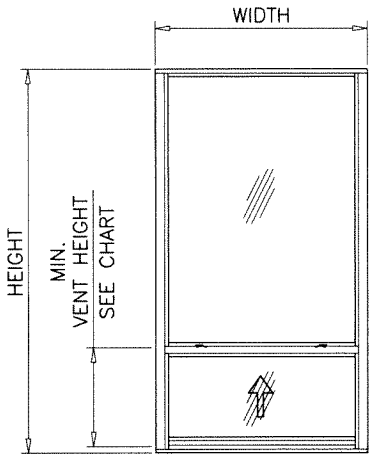
EQUAL LITES WINDOWS DESIGN LOAD CAPACITY - PSF			
INTERIOR FRAME DIMS.		GLASS TYPE 'C'	
WIDTH	HEIGHT	EXT.(+)	1NT.(-)
23"	47"	55.0	55.0
29"		55.0	55.0
31"		55.0	55.0
35"		55.0	55.0
41"		55.0	55.0
47"		55.0	55.0
23"	59"	55.0	55.0
29"		55.0	55.0
31"		55.0	55.0
35"		55.0	55.0
41"		55.0	55.0
47"		55.0	55.0
23"	71"	55.0	55.0
29"		55.0	55.0
31"		55.0	55.0
35"		55.0	55.0
41"		55.0	55.0
47"		55.0	55.0
23"	83"	55.0	55.0
29"		55.0	55.0
31"		55.0	55.0
35"		55.0	55.0
41"		55.0	55.0
47"		55.0	55.0
23"	93"	55.0	55.0
29"		55.0	55.0
31"		55.0	55.0
35"		55.0	55.0
41"		55.0	55.0



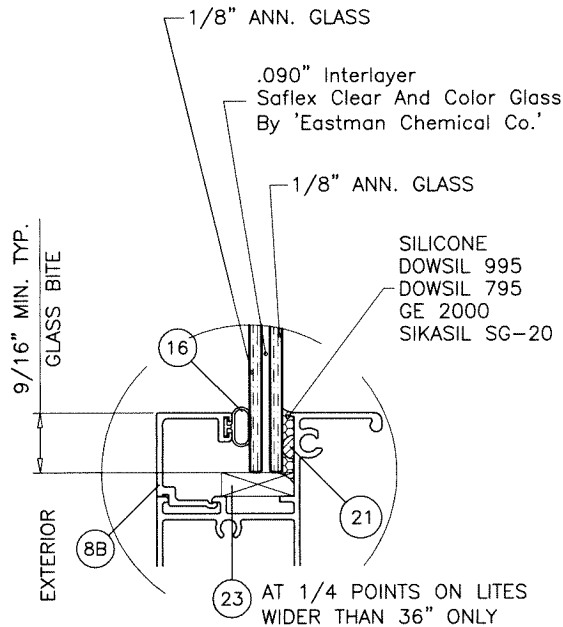
EQUAL LITES

UNEQUAL LITES WINDOWS DESIGN LOAD CAPACITY - PSF				
INTERIOR FRAME DIMS.		MIN. VENT HEIGHT	GLASS TYPE 'C'	
WIDTH	HEIGHT		EXT.(+)	1NT.(-)
18-1/8"	37-3/8"	16"	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"			55.0	55.0
25-1/2"	49-5/8"	16"	55.0	55.0
36"			55.0	55.0
52-1/8"			55.0	55.0
18-1/8"			55.0	55.0
25-1/2"			55.0	55.0
36"	55"	16"	55.0	55.0
52-1/8"			55.0	55.0
18-1/8"			55.0	55.0
25-1/2"			55.0	55.0
36"			55.0	55.0
52-1/8"	62"	22"	55.0	55.0
18-1/8"			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"	71"	31"	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"			55.0	55.0
25-1/2"	75"	35"	55.0	55.0
36"			55.0	55.0
52-1/8"			55.0	55.0
18-1/8"			55.0	55.0
25-1/2"			55.0	55.0
36"	95"	39"	55.0	55.0
52-1/8"			55.0	55.0
18-1/8"			55.0	55.0
25-1/2"			55.0	55.0
36"			55.0	55.0

UNEQUAL LITES WINDOWS DESIGN LOAD CAPACITY - PSF				
INTERIOR FRAME DIMS.		MIN. VENT HEIGHT	GLASS TYPE 'C'	
WIDTH	HEIGHT		EXT.(+)	1NT.(-)
23"	47"	16"	55.0	55.0
29"			55.0	55.0
31"			55.0	55.0
35"			55.0	55.0
41"			55.0	55.0
47"			55.0	55.0
23"	59"	16"	55.0	55.0
29"			55.0	55.0
31"			55.0	55.0
35"			55.0	55.0
41"			55.0	55.0
47"			55.0	55.0
23"	71"	25"	55.0	55.0
29"			55.0	55.0
31"			55.0	55.0
35"			55.0	55.0
41"			55.0	55.0
47"			55.0	55.0
23"	83"	37"	55.0	55.0
29"			55.0	55.0
31"			55.0	55.0
35"			55.0	55.0
41"			55.0	55.0
47"			55.0	55.0
23"	93"	37"	55.0	55.0
29"			55.0	55.0
31"			55.0	55.0
35"			55.0	55.0
41"			55.0	55.0
47"			55.0	55.0
23"	95"	39"	55.0	55.0
29"			55.0	55.0
31"			55.0	55.0
35"			55.0	55.0
41"			55.0	55.0



UNEQUAL LITES (ORIEL TYPE)



GLASS TYPE 'C'
5/16" OVERALL LAM. GLASS

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

Sealed: 5/3/2024

FL #46729



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

SERIES-1000SH ALUM SINGLE HUNG 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

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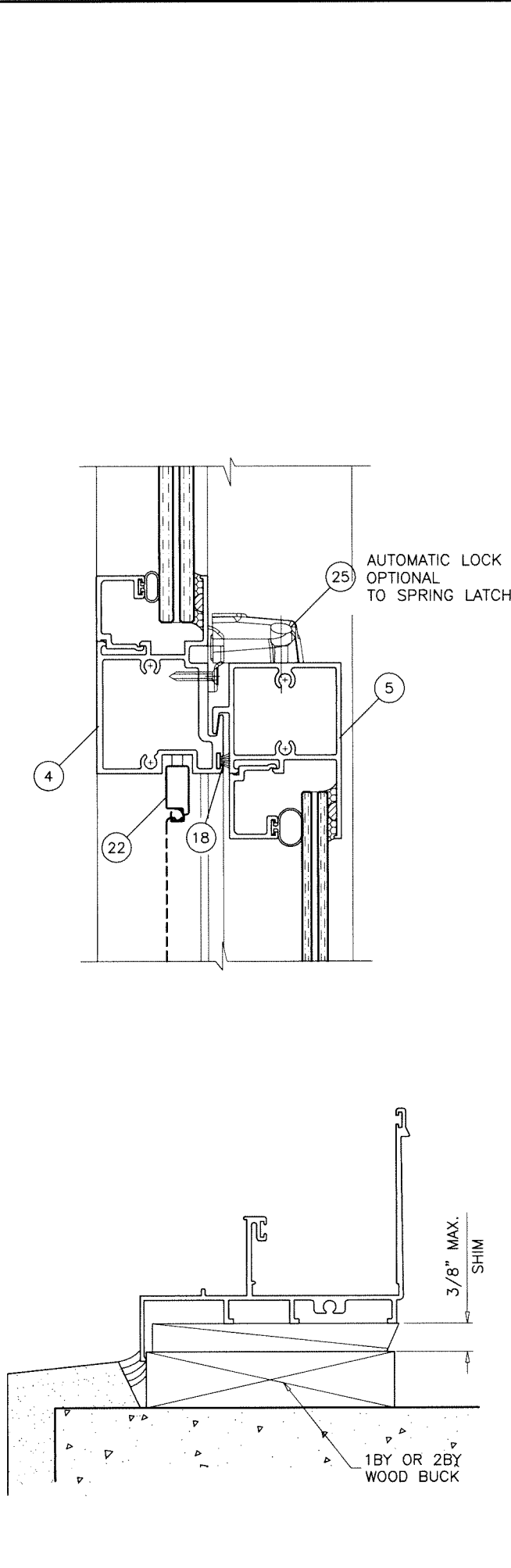
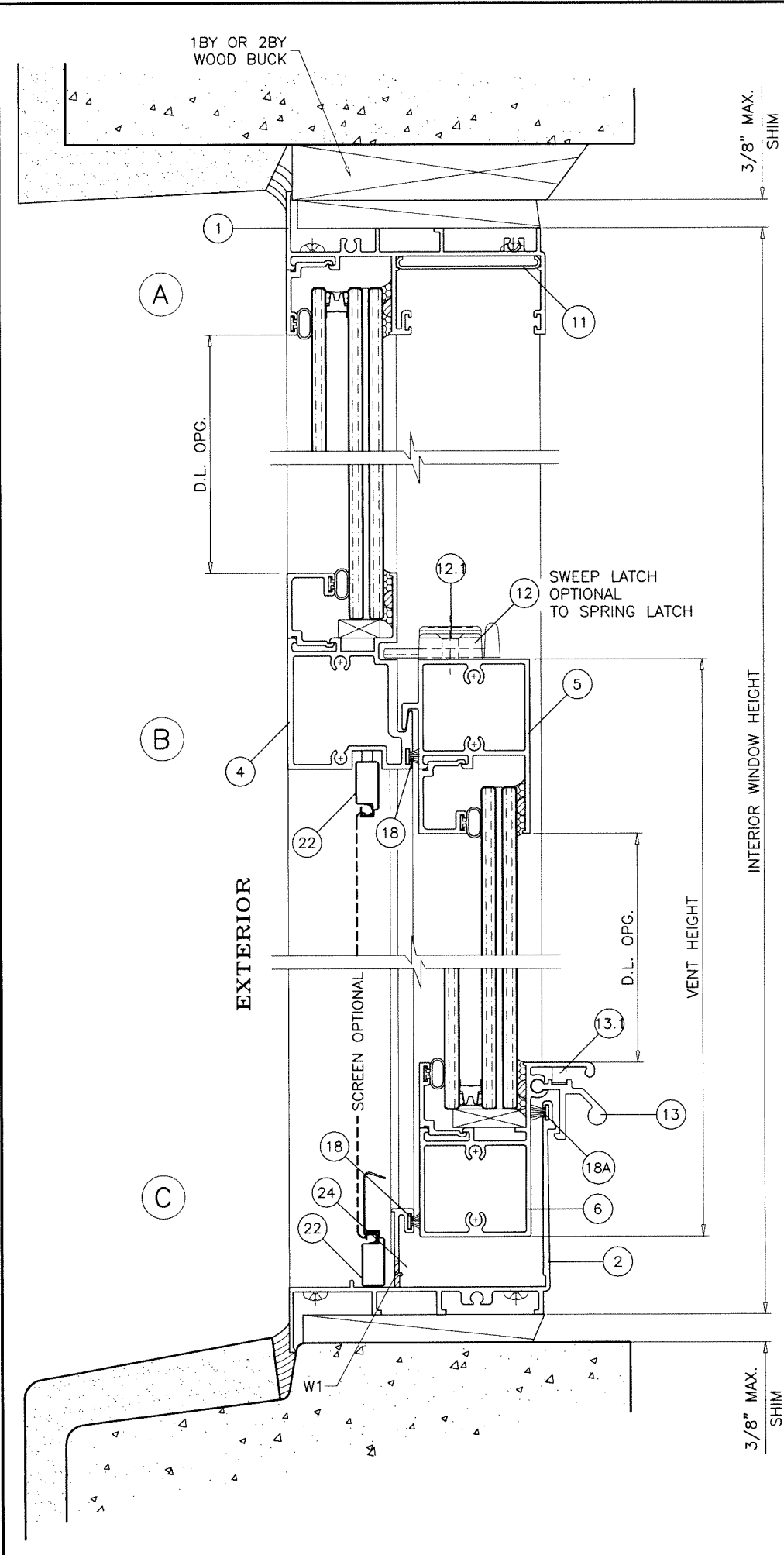
dr. by: TARIQ

chk. by:

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24-20F

sheet 3.1 of 8



WEEPHOLES:
W1 = 1/4" X 2" WEEP NOTCHES AT EACH END.

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a f c

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no	date by description

date: 04-29-24

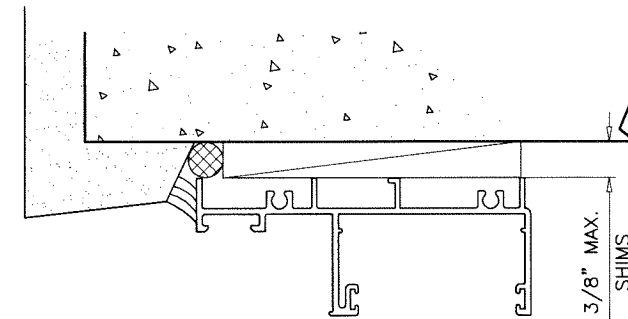
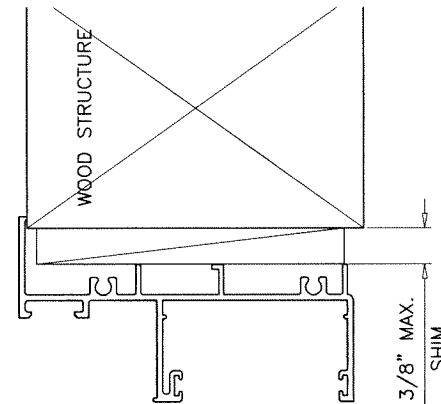
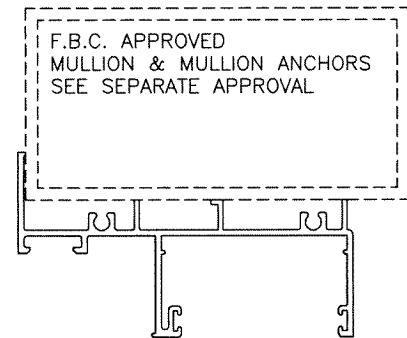
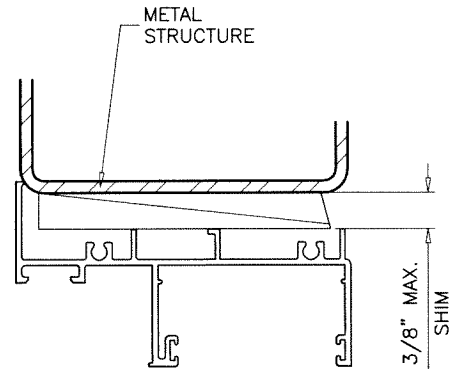
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dr. by: TARIQ

chk. by:

drawing no.
24-20F

sheet **4** of **8**



FLUSH FRAME WITH
TRIMMED EXTERIOR FLANGE
APPLICABLE TO HEAD AND SILL FOR
ANY SUBSTRATE SHOWN FOR FLANGE FRAMES

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' (Fu=164 KSI, Fy=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. (Fy = 36 KSI MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE

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

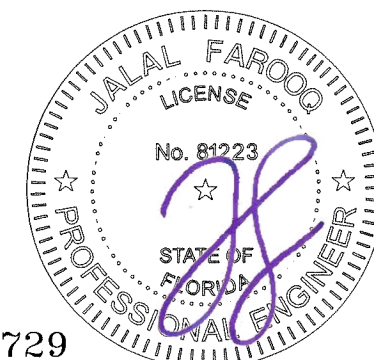
INTO WOOD STRUCTURE = 1" MIN.

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.



Sealed: 5/3/2024

FL #46729

a f c

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9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL 24-20F-PGW

SERIES-1000SH ALUM SINGLE HUNG WDW. (L.M.I.)

Pay And Go Windows And Doors, LLC.

Carretera A Chamelecon, Fte A

San Pedro Sula, Cortes Honduras 211002318

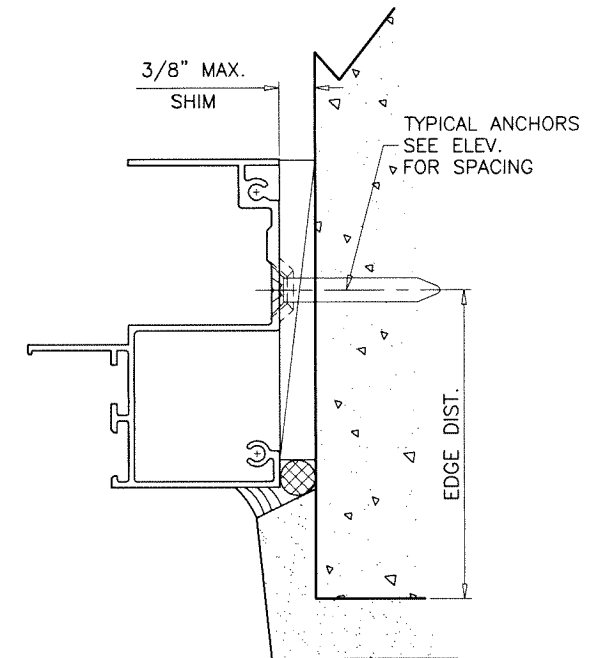
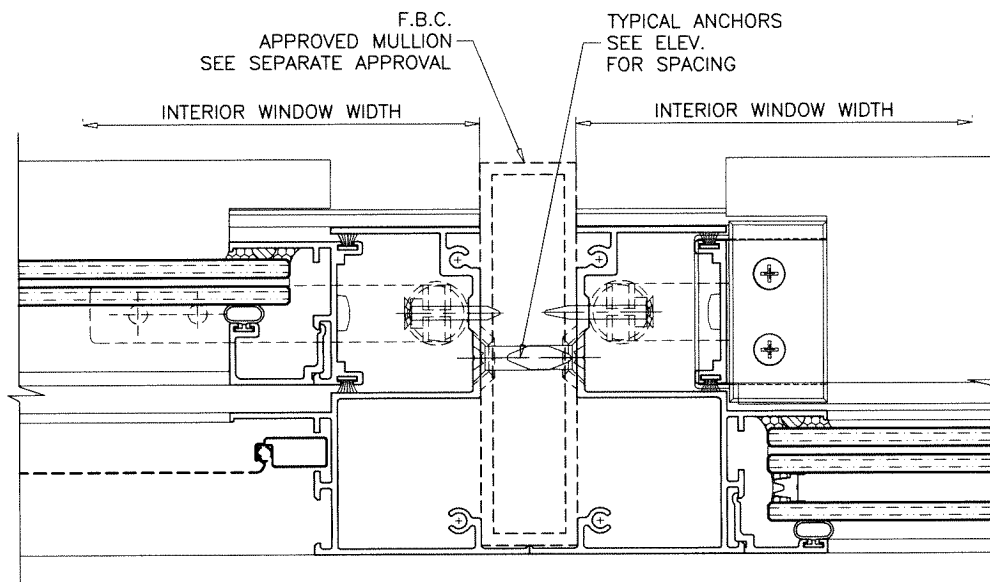
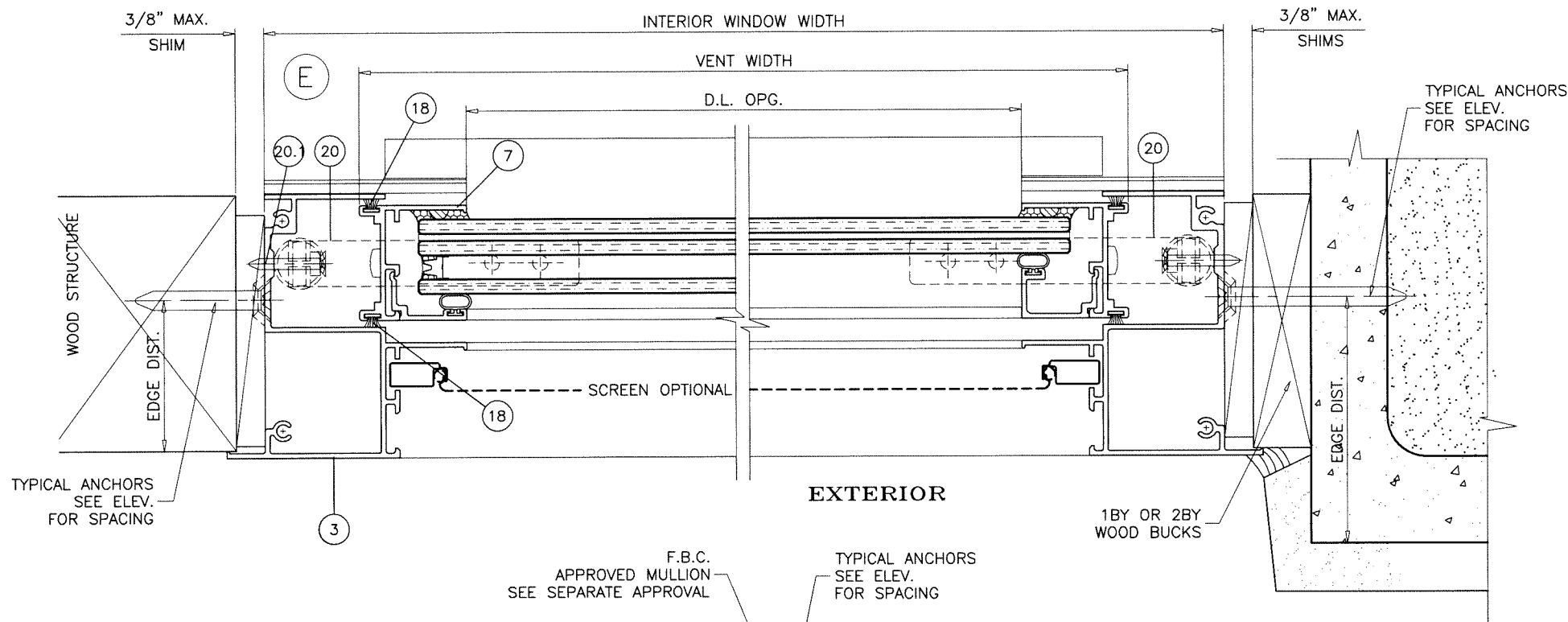
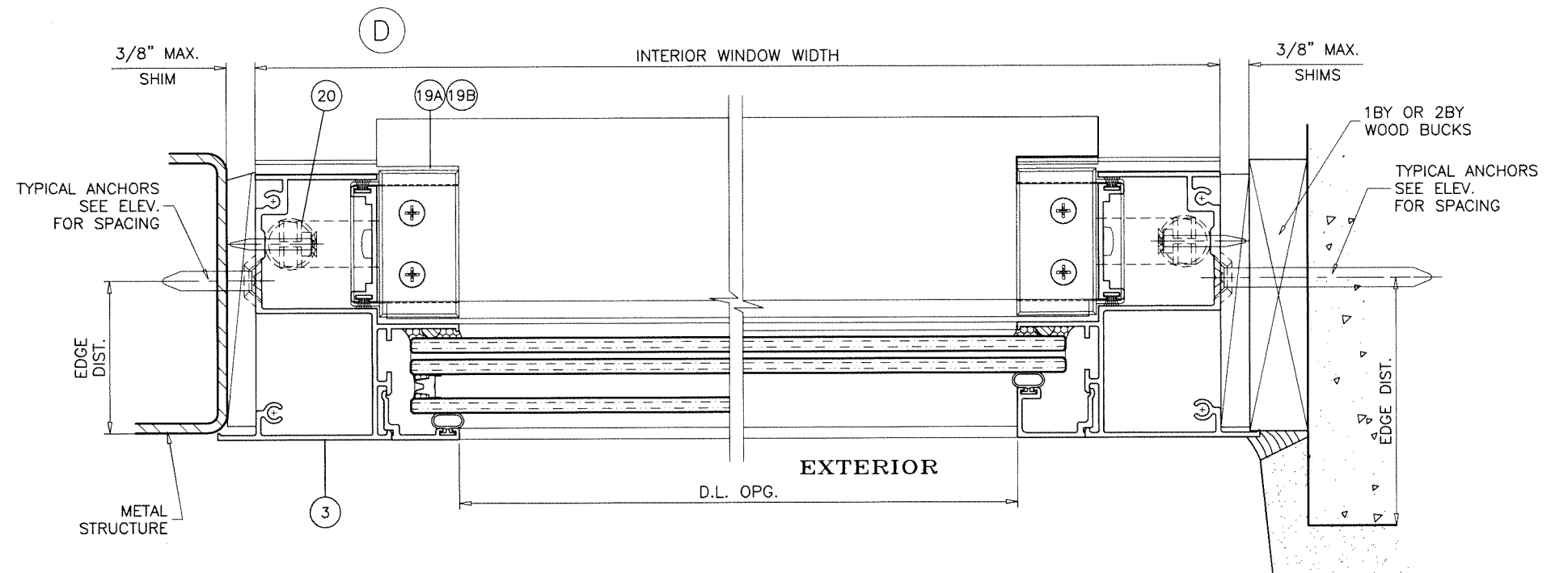
Tel. 954-612-6252

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drawing no.

24-20F

sheet 5 of 8

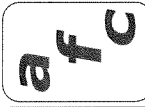


FLUSH FRAME WITH
TRIMMED EXTERIOR FLANGE



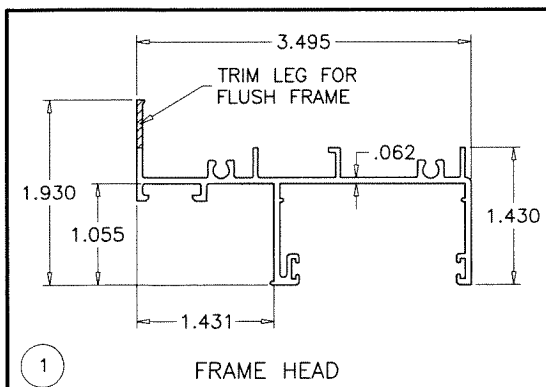
Sealed: 5/3/2024

FL #46729

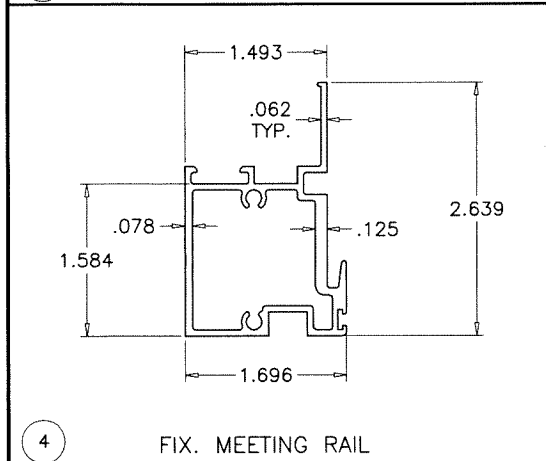


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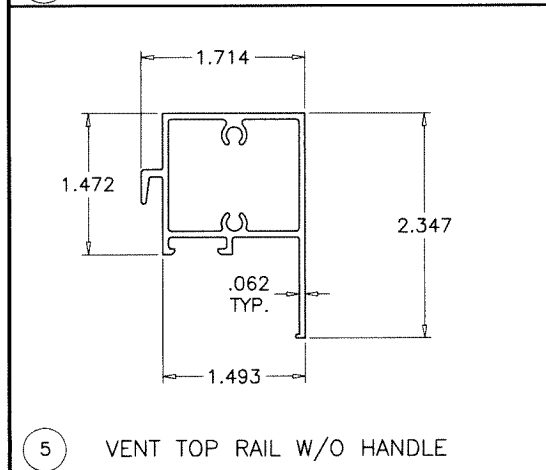
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Pay And Go Windows And Doors, LLC.	
Carretera A Chamelecon, Fte A San Pedro Sula, Cortes Honduras 211002318 Tel. 954-612-6252	
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drawing no. 24-20F	
sheet 6 of 8	



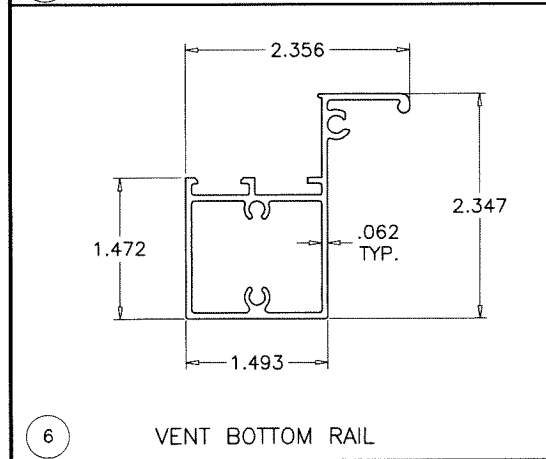
1 FRAME HEAD



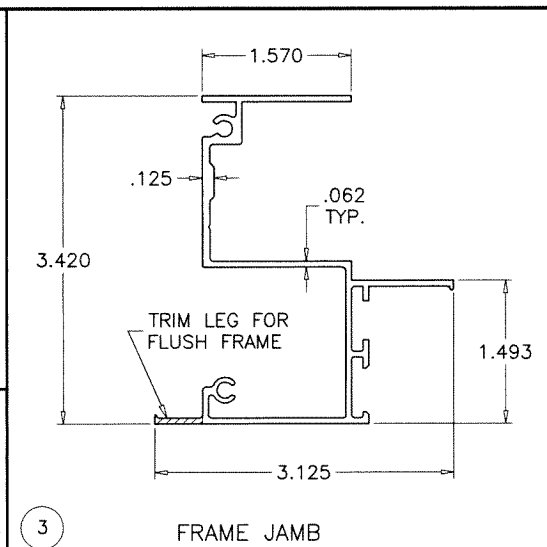
4 FIX. MEETING RAIL



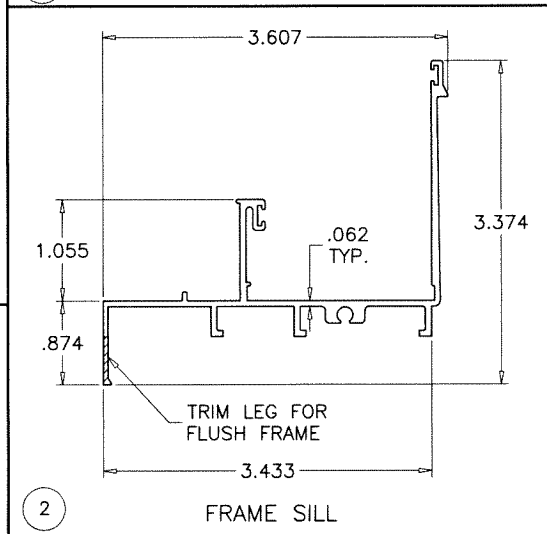
5 VENT TOP RAIL W/O HANDLE



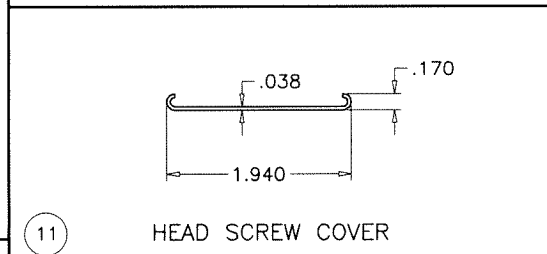
6 VENT BOTTOM RAIL



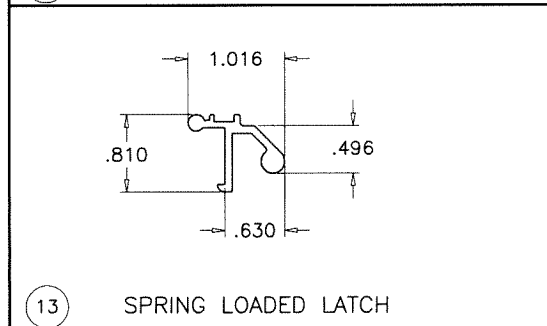
3 FRAME JAMB



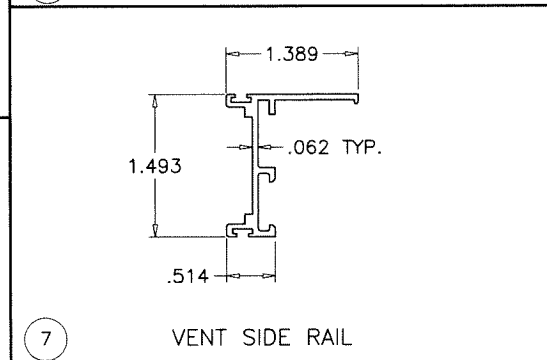
2 FRAME SILL



11 HEAD SCREW COVER

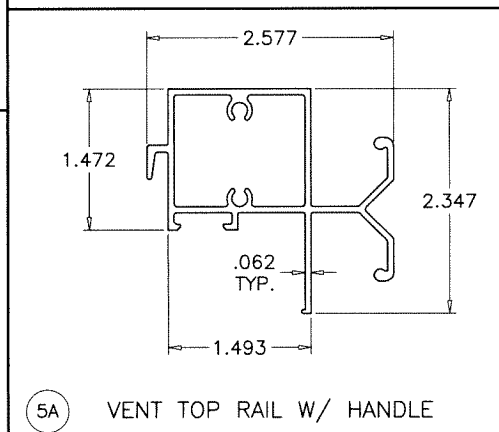


13 SPRING LOADED LATCH

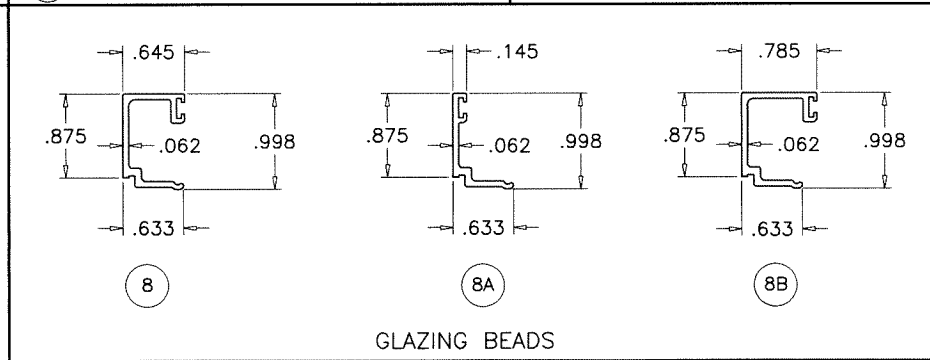


7 VENT SIDE RAIL

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	105	1	FRAME HEAD	6063-T6	-
2	104	1	FRAME SILL	6063-T6	-
3	113	2	FRAME JAMB	6063-T6	-
4	108	1	FIXED MTG. RAIL	6063-T6	-
5	107	1	VENT TOP RAIL W/O HANDLE	6063-T6	-
5A	107	1	VENT TOP RAIL W/ HANDLE	6063-T6	-
6	106	1	VENT BOTTOM RAIL	6063-T6	-
7	102	2	VENT SIDE RAIL	6063-T6	-
8	115	AS REQD.	GLAZING BEAD (7/16" LAM. GLASS)	6063-T6	-
8A	103	AS REQD.	GLAZING BEAD (INSUL. LAM. GLASS)	6063-T6	-
8B	119	AS REQD.	GLAZING BEAD (5/16" LAM. GLASS)	6063-T6	-
9	-	2/VENT	SASH STOP	6063-T6	-
11	-	-	HEAD SCREW COVER	-	-
12	SL203P	2/ VENT	SWEEP LATCH	ZAMAK	SULLIVAN & ASSOC.
12.1	#8 X 1/2"	2/ LATCH	LATCH INST. SCREWS	ST. STEEL	OH SMS
13	-	2/ VENT	SPRING LOADED LATCH	6063-T6	ALTERNATE TO SWEEP LATCH
13.1	-	2/ LATCH	LATCH SPRING	ST. STEEL	SULLIVAN & ASSOC.
14	#10 X 1-3/4"	AS REQD.	FRAME & VENT ASSEMBLY SCREWS	CRS	PH SMS
16	E202	AS REQD.	GLAZING BEAD BULB	NEOPRENE	ULTRAFAB
18	W71221NK	AS REQD.	FIN SEAL W'STRIPPING	-	ULTRAFAB
18A	W71321NK	AS REQD.	FIN SEAL W'STRIPPING	-	ULTRAFAB
19A	-	4/ VENT	VENT GUIDE	CELCON	M&M PLASTICS
19B	-	2/ VENT	VENT TOP CAP	CELCON	M&M PLASTICS
19.1	#6 X 3/8"	1/ GUIDE	SASH GUIDE INST. SCREW	CRS	OH SMS TYPE B
20	-	2/VENT	SPIRAL BALANCE	-	-
20.1	#10 X 1-1/4"	1/ BALANCE	BALANCE INST. SCREW	-	OH SMS TYPE B
21	-	AS REQD.	GLASS SPACER	SILICONE	FRANK LOWE
22	-	1	5/16" BOX SCREEN	-	OPTIONAL
23	-	2/ LITE	SETTING BLOCK AT 1/4 POINTS (1/4" X 1" X 2" LONG)	EPDM	DUROMETER 80±5 SHORE A
24	-	2	RETICULATED FOAM BAFFLE 30 PPI	-	-
25	WLO2	AS REQD.	AUTOMATIC LOCK	-	ROTO HARDWARE



5A VENT TOP RAIL W/ HANDLE



8

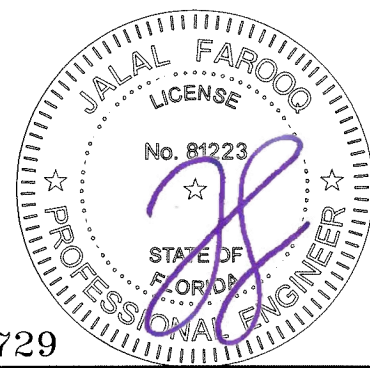
8A

8B

GLAZING BEADS

SEALANT:

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



Sealed: 5/3/2024

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COMP-ANL 24-20F-PGW

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San Pedro Sula, Cortes Honduras 211002318
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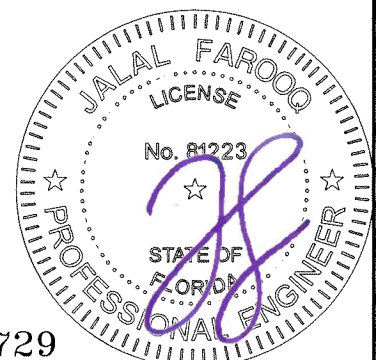
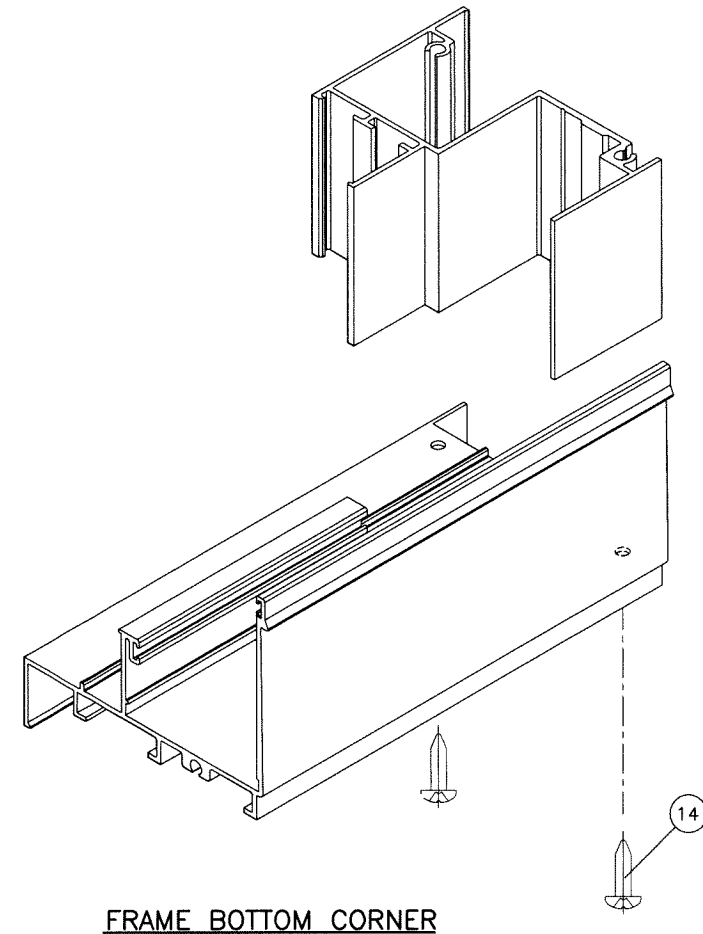
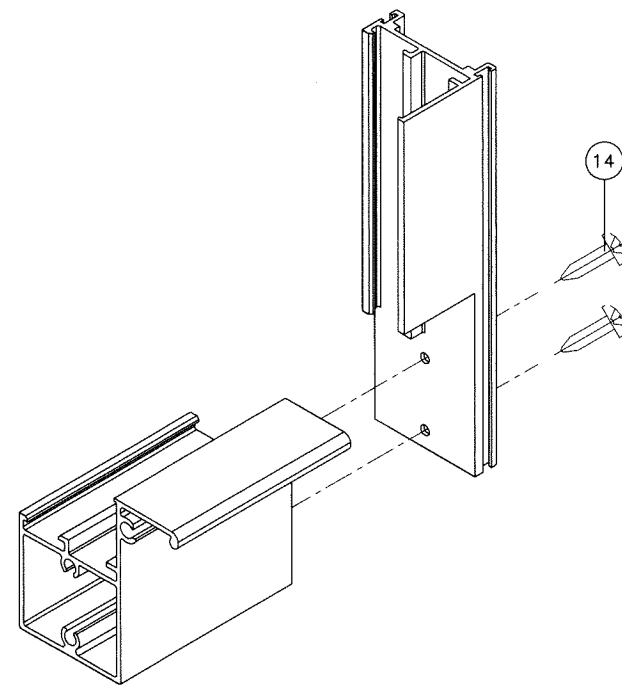
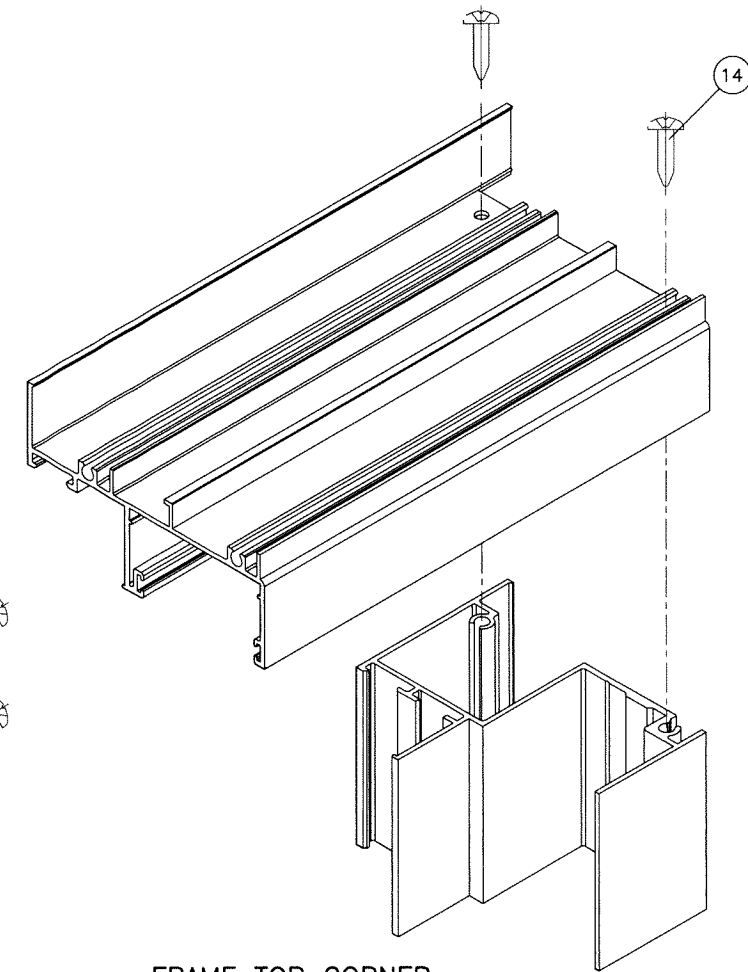
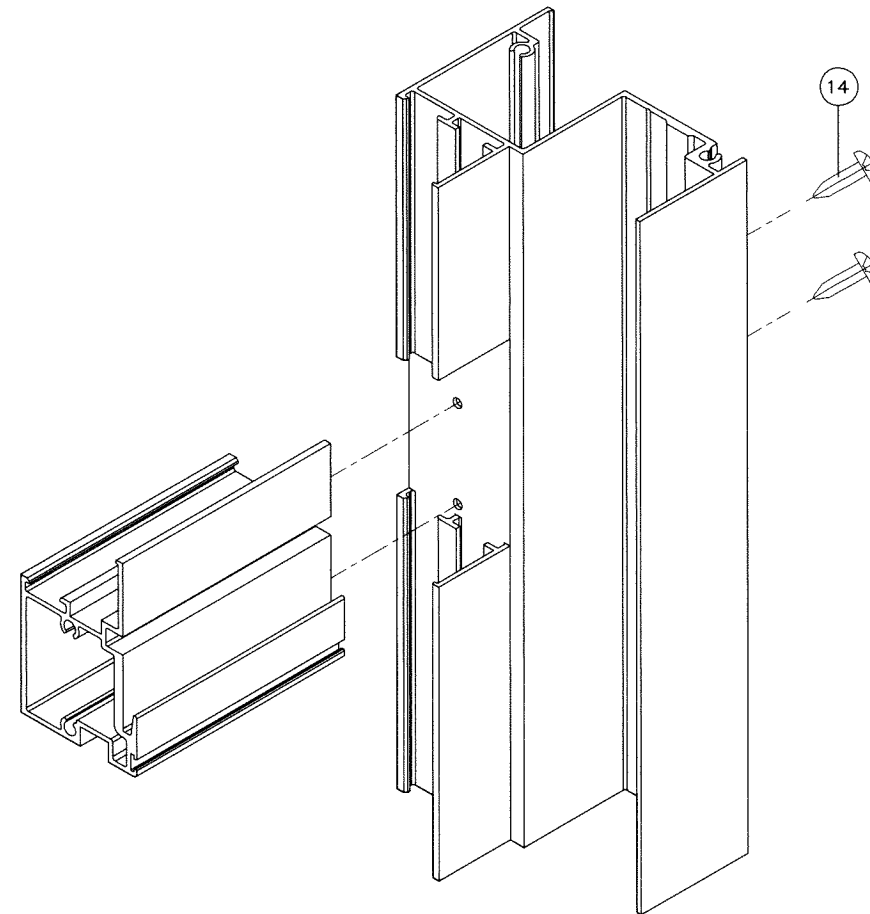
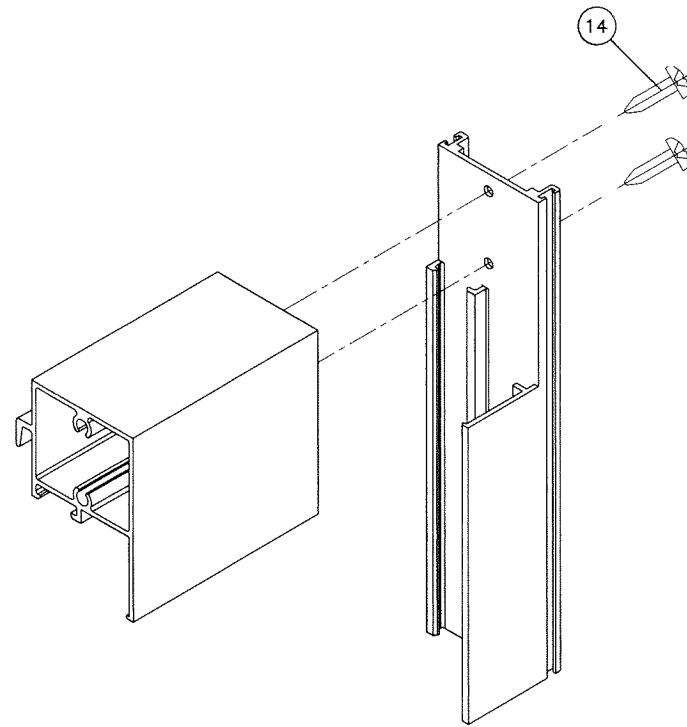
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sheet 7 of 8

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FL #46729

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

7670 710 400 101

revisions:
no date by description

date: 04-29-24

scale: $1/2'' = 1''$

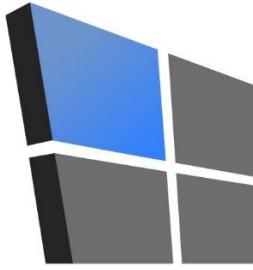
dr. by: TARIQ

chk. by:

drawing no.

24-20F

sheet 8 of 8



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