



Product Approval
USER: Public User

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

OFFICE OF THE
SECRETARY

FL #
Application Type
Code Version
Application Status

FL26942-R6
Revision
2023
Approved

DOOR MARK 13

Comments
Archived

☐

Product Manufacturer
Address/Phone/Email

Mr-Glass Doors & Windows Manufacturing, LLC
8051 NW 79th Place
Medley, FL 33166
(305) 470-8284
ulises@mrglasswindows.com

Authorized Signature

Ulises Senaris
ulises@mrglasswindows.com

Technical Representative
Address/Phone/Email

Augusto Arias
8120 NW 84th St
Medley, FL 33166
(305) 470-8284
aarias@mrglasswindows.com

Quality Assurance Representative
Address/Phone/Email

Category
Subcategory

Exterior Doors
Swinging Exterior Door Assemblies

Compliance Method

Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer
☐ Evaluation Report - Hardcopy Received

Florida Engineer or Architect Name who developed the Evaluation Report
Florida License
Quality Assurance Entity
Quality Assurance Contract Expiration Date
Validated By

Jalal Farooq
PE-81223
Keystone Certifications, Inc.
04/14/2035
Abel Carrasco, PE
☒ Validation Checklist - Hardcopy Received

Certificate of Independence

[FL26942_R6_COI_SS - Certificate of Independence 2023.pdf](#)

Referenced Standard and Year (of Standard)

Standard	Year
ASTM E1886	2013
ASTM E1996	2014
TAS-201	1994
TAS-202	1994
TAS-203	1994

Sections from the Code

Product Approval Method

Method 1 Option D

Date Submitted

06/11/2025

Date Validated

06/16/2025

Date Pending FBC Approval

06/17/2025

Date Approved

08/12/2025

Summary of Products

FL #	Model, Number or Name	Description
26942.1	Series 3000 Aluminum Outswing Entrance Door	Large missile impact resistant aluminum outswing entrance door.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +80/-80 Other: See drawing 18-36F for span vs load combinations and installation details.		Installation Instructions FL26942_R6_II_SS - MG 3000 Alum OS Door (LMI) - DWG 18-36F 2023 R1.pdf Verified By: Jalal Farooq PE # 81223 Created by Independent Third Party: Yes Evaluation Reports FL26942_R6_AE_SS - MG 3000 Alum OS Door (LMI) - PAE 2023 R1.pdf Created by Independent Third Party: Yes
26942.2	Series MG3500 Residential Outswing Entry Door	Large missile impact resistant aluminum outswing entrance door
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +80/-80 Other: See drawing 23-29F for span vs load combinations and installation details		Installation Instructions FL26942_R6_II_SS - MG 3500 Resd Entry Door (LMI) - DWG 23-29F 2023 R1.pdf Verified By: Jalal Farooq PE # 81223 Created by Independent Third Party: Yes Evaluation Reports FL26942_R6_AE_SS - MG 3500 Resd Entry Door (LMI) - PAE 2023 R1.pdf Created by Independent Third Party: Yes

[Back](#)

[Next](#)

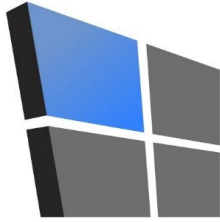
Contact Us :: 2601 Blair Stone Road, Tallahassee FL 32399 Phone: 850-487-1824

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Product Approval Accepts:





AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

PRODUCT APPROVAL EVALUATION RULE CHAPTER #61G20-3 • METHOD 1 OPTION D

FL 26942

Date: 6/2/2025

Detailed Product Description:

Manufacturer: MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC.

Manufacturer Address: 8051 NW 79th PLACE, MEDLEY, FL 33166

Model Name: SERIES 3000 ALUMINUM OUTSWING ENTRANCE DOOR

Maximum Load: +80 PSF, -80 PSF (Large Missile Impact)

Installation Drawings # 18-36F

This product complies with the High Velocity Hurricane Zone (HVHZ) testing requirements.					
For maximum sizes, combination of span vs loads and anchor type refer to installation drawings.					
Comparative analysis used ☒ Yes ☐ No					
Mandatory Tests (Tested in accordance with AAMA 101/I.S.2/NAFS/TAS-202)					
Test	Description	Test Location	Test Report Date	Test Report #	Test Sealed By
ASTM E283	Air Infiltration Leakage	Hurricane Engineering & Testing, Inc	2/13/2018	HETI-18-6004	Rafael E. Droz-Seda, P.E.
			2/13/2018	HETI-18-6011	
			10/29/2021	HETI-21-7089	Ram N. Tewari, P.E.
			3/13/2023	HETI-23-8014	
			3/13/2023	HETI-23-8016	
			5/26/2023	HETI-23-8024	
			10/23/2024	HETI-24-8202	
			11/20/2024	HETI-24-8243	
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Hurricane Engineering & Testing, Inc	2/13/2018	HETI-18-6002	Rafael E. Droz-Seda, P.E.
			2/13/2018	HETI-18-6004	
			2/13/2018	HETI-18-6011	
			10/29/2021	HETI-21-7089	Ram N. Tewari, P.E.
			3/13/2023	HETI-23-8014	
			3/13/2023	HETI-23-8016	
			5/26/2023	HETI-23-8024	
			10/23/2024	HETI-24-8202	
			11/20/2024	HETI-24-8243	
ASTM E330 & TAS 202	Uniform Static Air Press.	Hurricane Engineering & Testing, Inc	2/13/2018	HETI-18-6001	Rafael E. Droz-Seda, P.E.
			2/13/2018	HETI-18-6002	
			2/13/2018	HETI-18-6004	
			2/13/2018	HETI-18-6011	
			10/29/2021	HETI-21-7089	Ram N. Tewari, P.E.
			10/19/2021	HETI-21-7086	
			3/13/2023	HETI-23-8014	
			3/13/2023	HETI-23-8016	Ram N. Tewari, P.E.
			5/26/2023	HETI-23-8024	
			10/23/2024	HETI-24-8202	
			11/20/2024	HETI-24-8243	

AAMA 1304	Forced Entry Test	Hurricane Engineering & Testing, Inc	2/13/2018	HETI-18-6001	Rafael E. Droz-Seda, P.E.
			2/13/2018	HETI-18-6002	
			2/13/2018	HETI-18-6004	
			2/13/2018	HETI-18-6011	
			10/29/2021	HETI-21-7089	Ram N. Tewari, P.E.
			10/19/2021	HETI-21-7086	
			3/13/2023	HETI-23-8014	
			3/13/2023	HETI-23-8016	
			5/26/2023	HETI-23-8024	
			10/23/2024	HETI-24-8202	
11/20/2024	HETI-24-8243				
Supplemental Tests (Tested in accordance with TAS-201 and TAS-203)					
Test	Description	Test Location	Test Report Date	Test Report#	Test Sealed By
FBC 1626.2 (TAS 201 & 203) ASTM E1886 & E1996	Large Missile Impact & Cyclic	Hurricane Engineering & Testing, Inc	2/13/2018	HETI-18-6003	Rafael E. Droz-Seda, P.E.
			2/13/2018	HETI-18-6005	
			2/13/2018	HETI-18-6012	
			10/19/2021	HETI-21-7086	Ram N. Tewari, P.E.
			10/29/2021	HETI-21-7089	
			3/13/2023	HETI-23-8014	
			3/13/2023	HETI-23-8016	
			5/26/2023	HETI-23-8024	
			10/23/2024	HETI-24-8202	
			11/20/2024	HETI-24-8243	
Under the limitations of the attached installation drawings, to the best of my knowledge and ability, the above product conforms to the requirements of the 2023 Florida Building Code.					
Evaluation Report Engineer:					
Jalal Farooq					
Al-Farooq Corporation					
PE # 81223 EB # 3538			Sealed: 6/4/2025		

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

SERIES 3000

ALUMINUM OUTSWING ENTRANCE DOOR

SINGLE (X) AND DOUBLE (XX) LEAF DOORS SEE SHEET 2.

STAND ALONE SINGLE SIDELITE SEE SHEET 3.

SINGLE AND DOUBLE LEAF DOORS WITH SIDELITES COMBINATIONS
SEE SHEET 4.

LOWER VALUES FROM DOOR CAPACITY, SIDELITE CAPACITY OR
MULLION CAPACITY WILL APPLY TO ENTIRE SYSTEM.

DOORS APPROVED FOR INSTALLATION WHERE WATER INFILTRATION
RESISTANCE IS REQUIRED.

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.

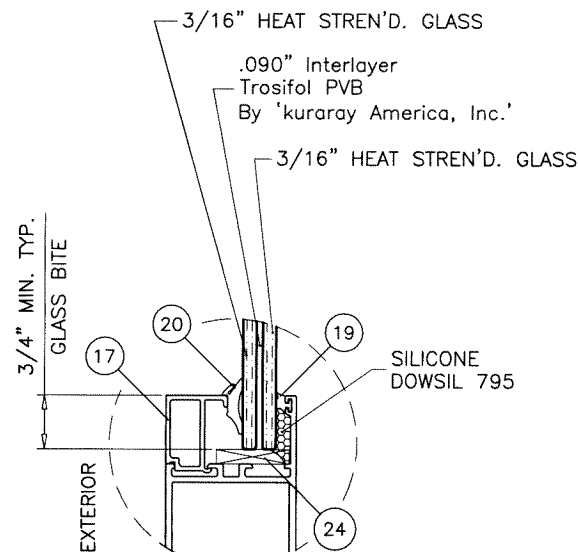
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE
REQUIREMENTS OF THE 2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

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.

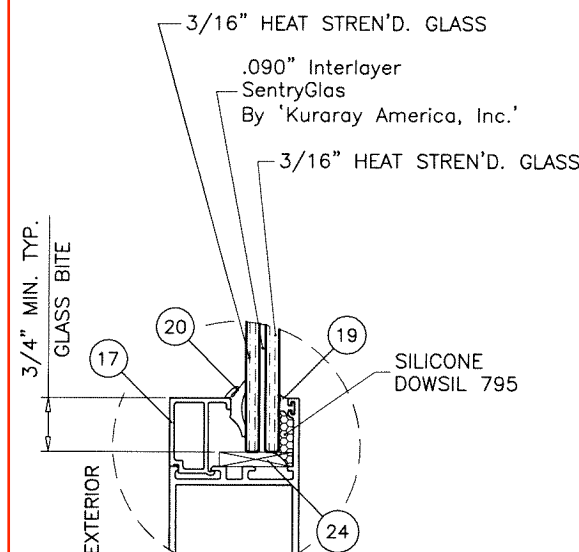
CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,
AND TO BE REVIEWED BY BUILDING OFFICIAL.

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

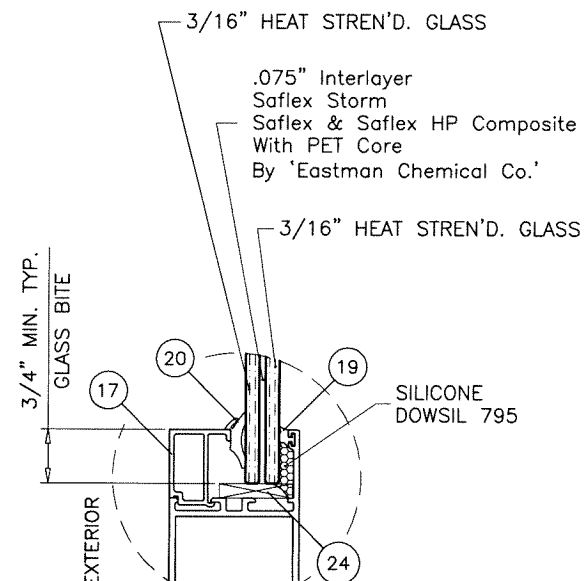
MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION
IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE.
LABELING TO COMPLY WITH SECTION 1709.9.2.



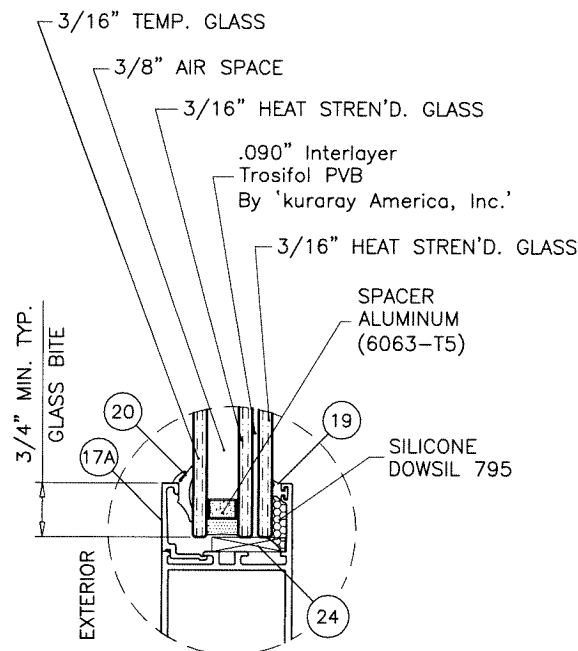
GLASS TYPE 'A'



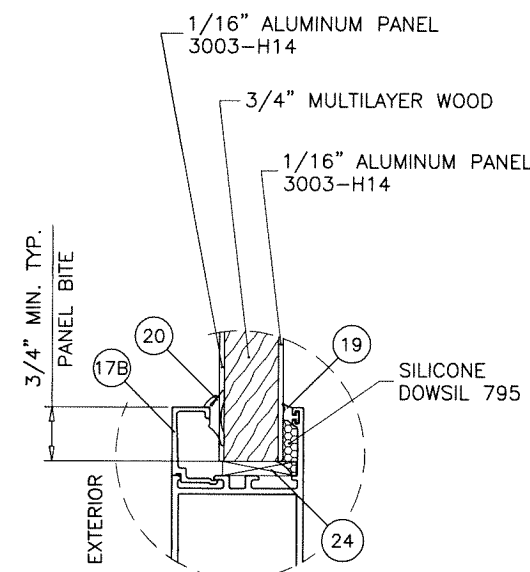
GLASS TYPE 'B'



GLASS TYPE 'C'



GLASS TYPE 'Ai'



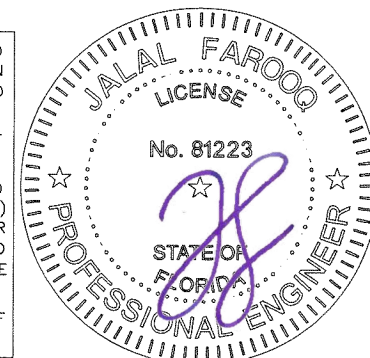
7/8" OVERALL GLUED CLADDED PANEL

EXTERIOR AND INTERIOR ALUMINUM CLADDING GLUED TO
CENTER CORE WITH MRG-A-30-013

Sealed: 6/10/2025

FL #26942

- 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.



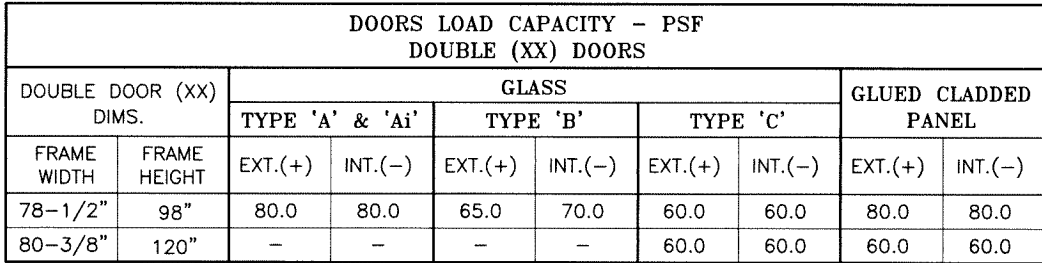
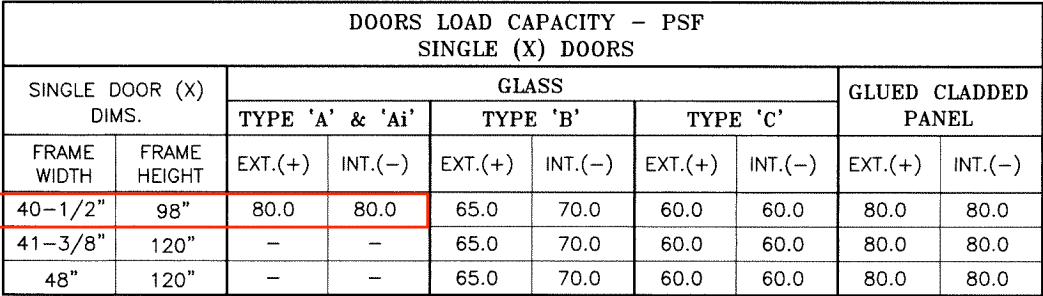
NOTE:
GLASS CAPACITIES ARE BASED ON
ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

afC
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\18-36F-MG

SERIES 3000 ALUMINUM OUTSWING DOOR (L.M.I.)
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL. 33166
Tel. (305) 764-3963 Fax. (305) 470-8285

revisions:	no	date	by	description
	A	07.22.20		UPDATED TO 2020 FBC
	B	11.24.21		NEW TESTS ADDED
	C	06.15.23		GENERAL REVISION
	D	07.21.23		UPDATED TO 2023 FBC
	E	05.30.25		GLASS INSERT OPTION ADDED

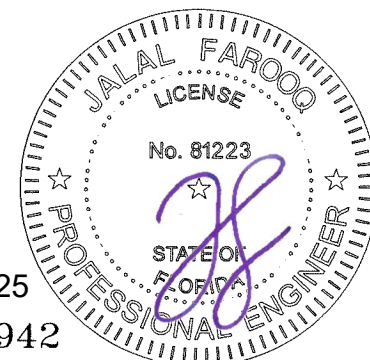
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scale:	3/8" = 1"
dr. by:	TARIQ
chk. by:	
drawing no.	18-36F
sheet	1 of 10



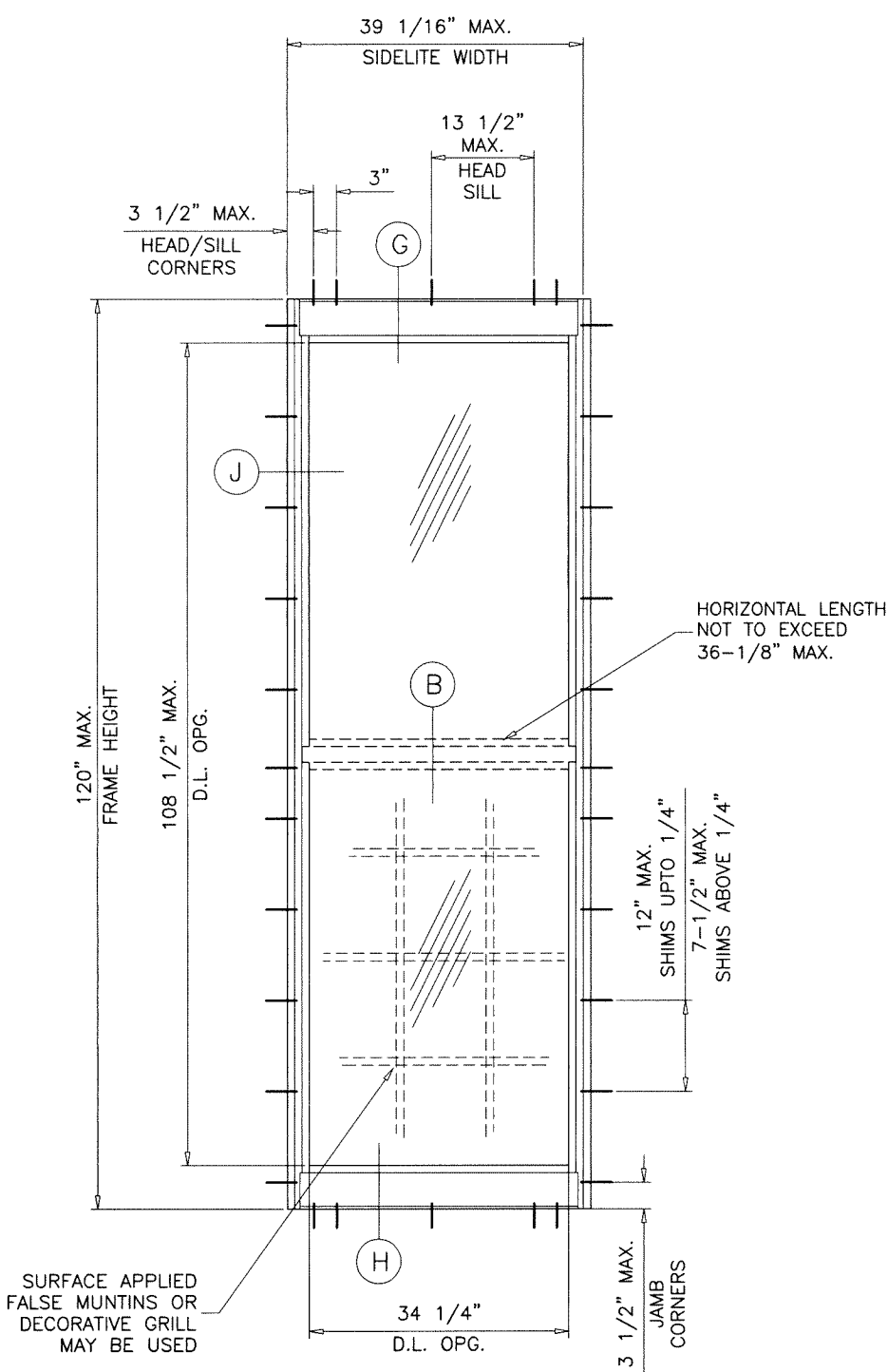
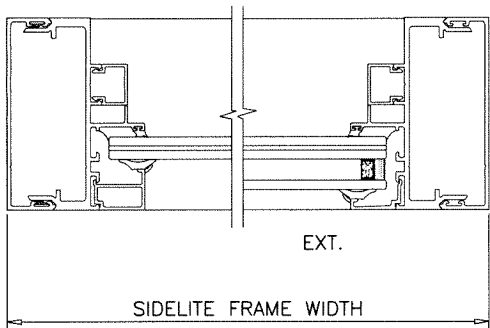
NOTE:
EGRESS REQUIREMENTS TO BE REVIEWED
BY BUILDING OFFICIAL.

GLASS D.L.O. FORMULAE:
D.L.O. WIDTH = FRAME WIDTH - 12.438" (X DOORS)
= (FRAME WIDTH - 22.0")/2 (XX DOORS)
D.L.O. HEIGHT = FRAME HEIGHT - 11.50"

Sealed: 6/10/2025
FL #26942



DESIGN LOAD CAPACITY - PSF STAND ALONE SINGLE SIDELITES									
SIDELITE FRAME WIDTH INCHES	SIDELITE FRAME HEIGHT INCHES	GLASS TYPES 'A' & 'Ai'		GLASS TYPE 'B'		GLASS TYPE 'C'		GLUED CLADDLED PANEL	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24	84	80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
30		80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
36		80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
39-1/16		80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
42		74.3	74.3	74.3	74.3	55.8	55.8	80.0	80.0
24	90	80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
30		80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
36		80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
39-1/16		80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
42		74.3	74.3	74.3	74.3	55.8	55.8	80.0	80.0
24	96	80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
30		80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
36		80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
39-1/16		80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
42		-	-	-	-	55.8	55.8	80.0	80.0
24	98	80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
30		80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
36		80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
39-1/16		80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
42		-	-	-	-	55.8	55.8	80.0	80.0
24	102	-	-	-	-	60.0	60.0	80.0	80.0
30		-	-	-	-	60.0	60.0	80.0	80.0
36		-	-	-	-	60.0	60.0	80.0	80.0
39-1/16		-	-	-	-	60.0	60.0	80.0	80.0
42		-	-	-	-	55.8	55.8	80.0	80.0
24	108	-	-	-	-	60.0	60.0	80.0	80.0
30		-	-	-	-	60.0	60.0	80.0	80.0
36		-	-	-	-	60.0	60.0	80.0	80.0
39-1/16		-	-	-	-	60.0	60.0	80.0	80.0
42		-	-	-	-	55.8	55.8	80.0	80.0
24	114	-	-	-	-	60.0	60.0	80.0	80.0
30		-	-	-	-	60.0	60.0	80.0	80.0
36		-	-	-	-	60.0	60.0	80.0	80.0
39-1/16		-	-	-	-	60.0	60.0	80.0	80.0
42		-	-	-	-	60.0	60.0	80.0	80.0
24	120	-	-	-	-	60.0	60.0	80.0	80.0
30		-	-	-	-	60.0	60.0	80.0	80.0
36		-	-	-	-	60.0	60.0	80.0	80.0
39-1/16		-	-	-	-	60.0	60.0	80.0	80.0
42		-	-	-	-	60.0	60.0	80.0	80.0



TYPICAL ELEVATION
(O)
STAND ALONE SIDELITE

GLASS D.L.O. DIMS.
D.L.O. HEIGHT (SIDELITE) = FRAME HEIGHT - 11.50"
D.L.O. WIDTH (SIDELITE) = FRAME WIDTH - 4.813"

Sealed: 6/10/2025

FL #26942



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
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COMP-ANL 18-36F-MG

SERIES 3000 ALUMINUM OUTSWING DOOR (L.M.I.)

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8051 N.W. 79th Place
Medley, FL. 33166
Tel. (305) 764-3963 Fax. (305) 470-8285

revisions:

no	date	by	description

date: 03-20-18

scale: 1/2"=1'-0"

dr. by: TARIQ

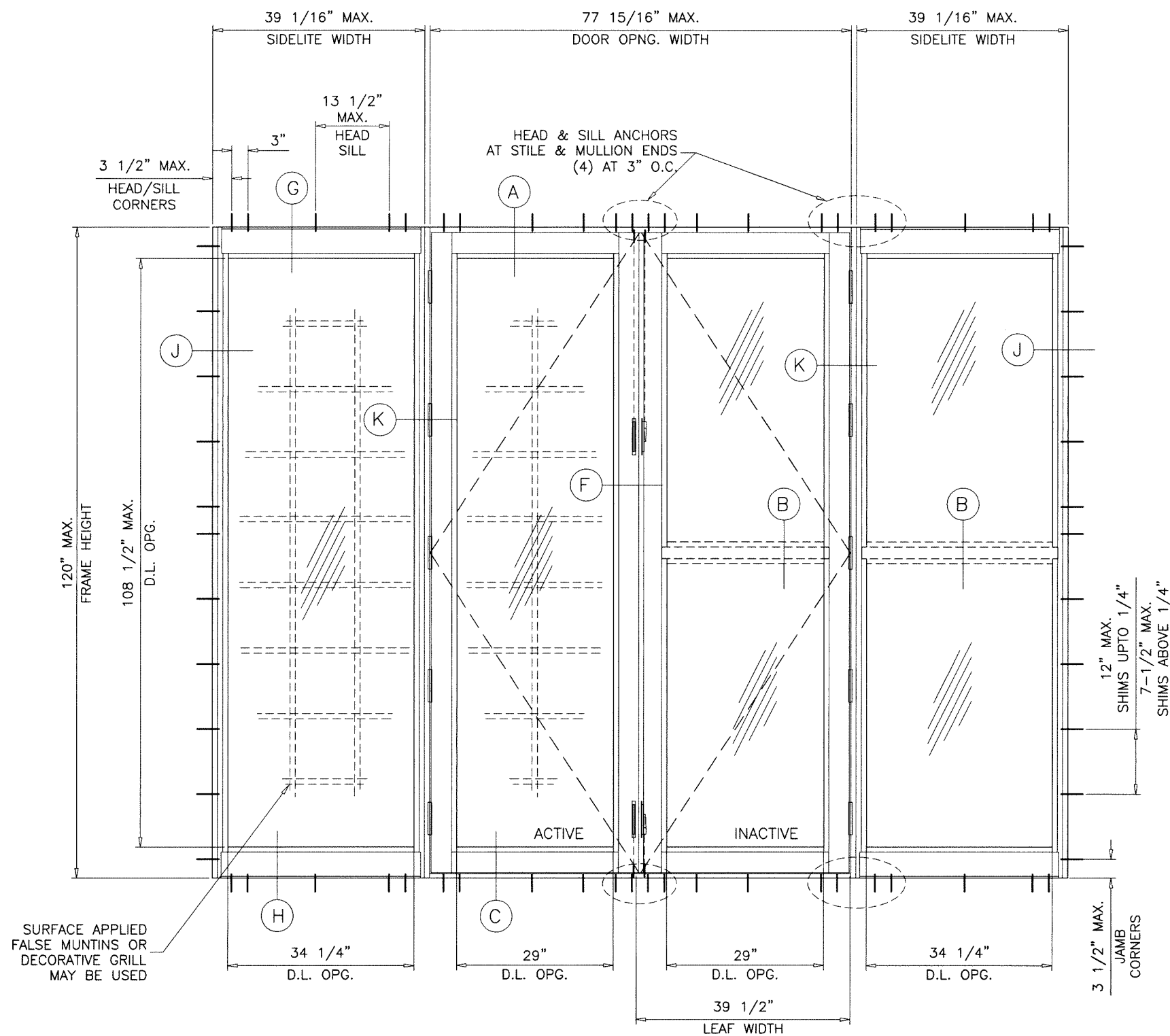
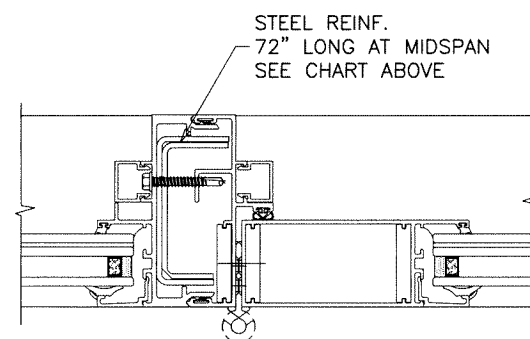
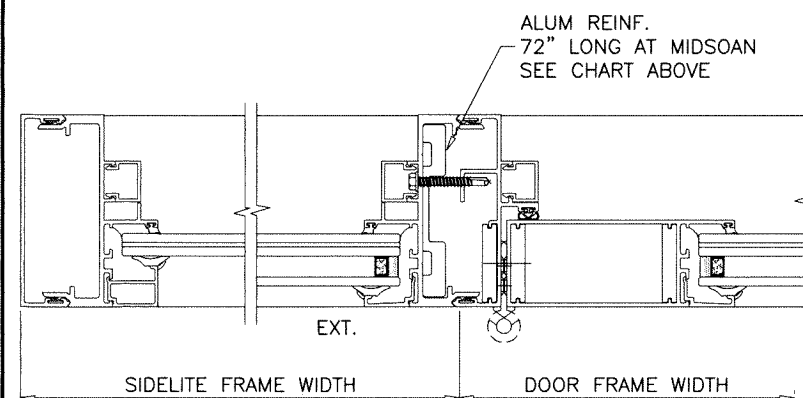
chk. by:

drawing no.

18-36F

sheet 3 of 10

DESIGN LOAD CAPACITY - PSF SIDELITES WITH SINGLE OR DOUBLE LEAF DOORS (SEE NOTE BELOW)							
SIDELITE FRAME WIDTH INCHES	SIDELITE FRAME HEIGHT INCHES	DOOR MULLION WITHOUT REINF.		DOOR MULLION ALUM REINF.		DOOR MULLION STEEL REINF.	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24	84	80.0	80.0	80.0	80.0	80.0	80.0
30		80.0	80.0	80.0	80.0	80.0	80.0
36		80.0	80.0	80.0	80.0	80.0	80.0
39-1/16		80.0	80.0	80.0	80.0	80.0	80.0
42		80.0	80.0	80.0	80.0	80.0	80.0
24	90	80.0	80.0	80.0	80.0	80.0	80.0
30		80.0	80.0	80.0	80.0	80.0	80.0
36		80.0	80.0	80.0	80.0	80.0	80.0
39-1/16		80.0	80.0	80.0	80.0	80.0	80.0
42		78.2	78.2	80.0	80.0	80.0	80.0
24	96	80.0	80.0	80.0	80.0	80.0	80.0
30		77.9	77.9	80.0	80.0	80.0	80.0
36		71.7	71.7	80.0	80.0	80.0	80.0
39-1/16		69.0	69.0	80.0	80.0	80.0	80.0
42		-	-	60.0	60.0	60.0	60.0
24	98	80.0	80.0	80.0	80.0	80.0	80.0
30		73.2	73.2	80.0	80.0	80.0	80.0
36		67.4	67.4	80.0	80.0	80.0	80.0
39-1/16		64.8	64.8	80.0	80.0	80.0	80.0
42		-	-	60.0	60.0	60.0	60.0
24	102	-	-	60.0	60.0	60.0	60.0
30		-	-	60.0	60.0	60.0	60.0
36		-	-	60.0	60.0	60.0	60.0
39-1/16		-	-	60.0	60.0	60.0	60.0
42		-	-	60.0	60.0	60.0	60.0
24	108	-	-	60.0	60.0	60.0	60.0
30		-	-	60.0	60.0	60.0	60.0
36		-	-	60.0	60.0	60.0	60.0
39-1/16		-	-	60.0	60.0	60.0	60.0
42		-	-	60.0	60.0	60.0	60.0
24	114	-	-	60.0	60.0	60.0	60.0
30		-	-	60.0	60.0	60.0	60.0
36		-	-	58.0	58.0	60.0	60.0
39-1/16		-	-	55.7	55.7	60.0	60.0
42		-	-	55.7	55.7	60.0	60.0
24	120	-	-	58.9	58.9	60.0	60.0
30		-	-	53.8	53.8	60.0	60.0
36		-	-	49.6	49.6	60.0	60.0
39-1/16		-	-	47.7	47.7	60.0	60.0
42		-	-	47.7	47.7	60.0	60.0

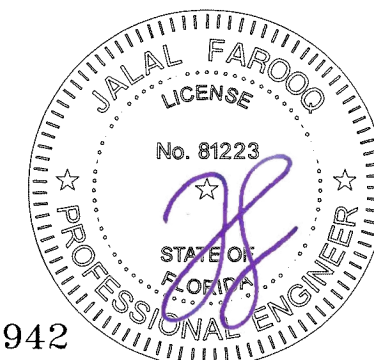


TYPICAL ELEVATION
(O-XX-O)

NOTE:
FOR DOORS CAPACITIES SEE SHEET 2.
FOR SIDELITE CAPACITY SEE SHEET 3.
FOR SIDELITE MULLION CAPACITIES SEE CHART ABOVE.
LOWER VALUES FROM DOOR, SIDELITE OR MULLION CHART
WILL APPLY TO ENTIRE SYSTEM.

Sealed: 6/10/2025

FL #26942



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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL 18-36F-MG

SERIES 3000 ALUMINUM OUTSWING DOOR (L.M.I.)

MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL. 33166
Tel. (305) 764-3963 Fax. (305) 470-8285

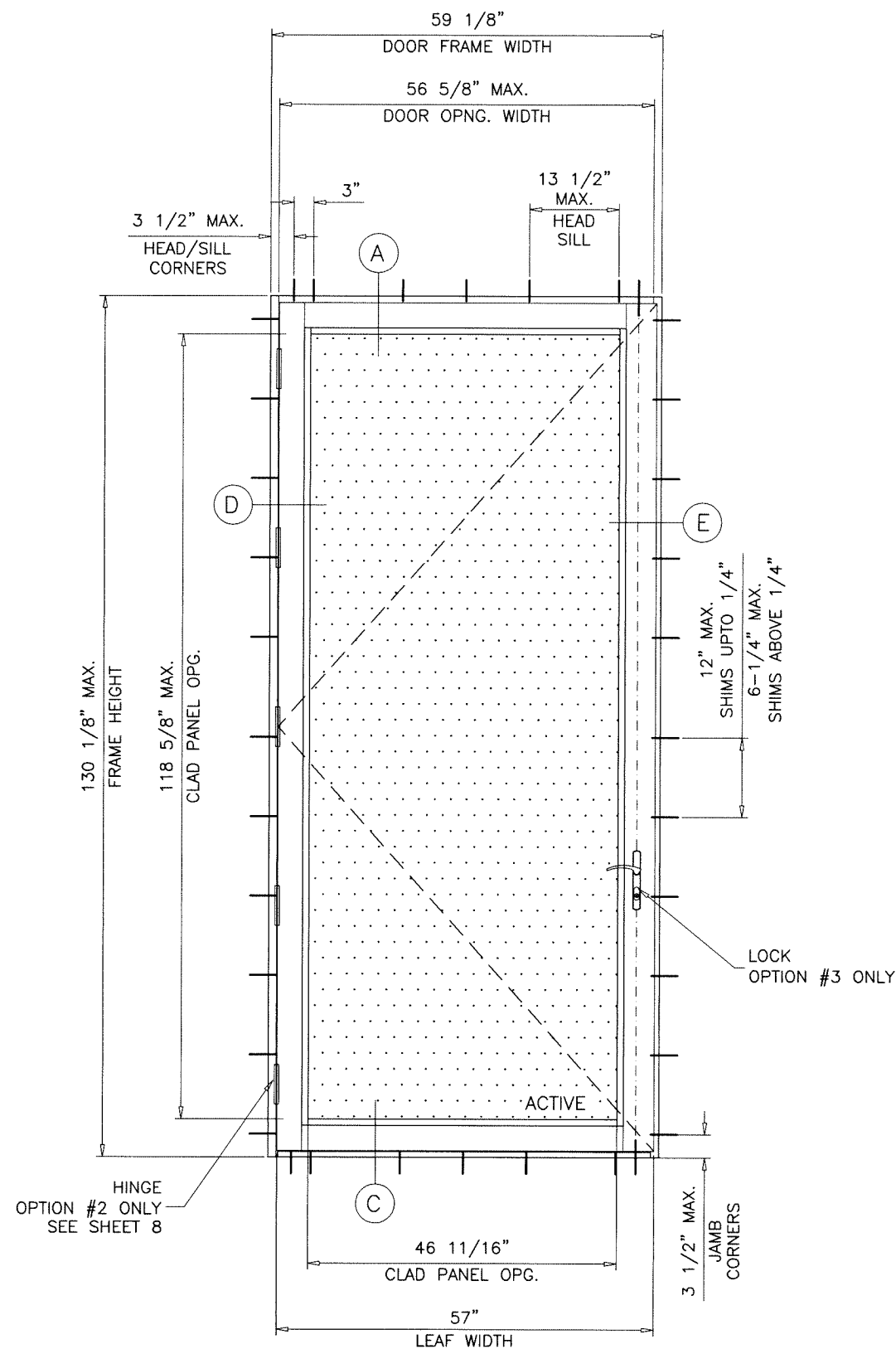
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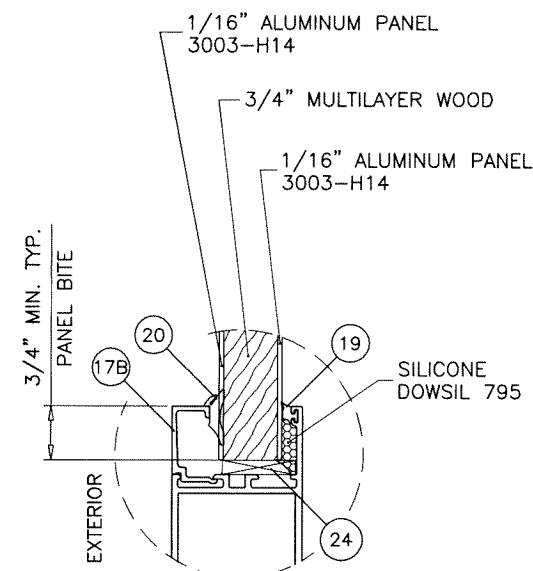
drawing no.
18-36F

sheet 4 of 10



TYPICAL ELEVATION
(X)

CLADDED PANEL DOOR
MAXIMUM DESIGN LOAD RATING = + 80.0 PSF
- 80.0 PSF
 (FOR SIZE SHOWN ON THIS SHEET ONLY OR SMALLER)



7/8" OVERALL GLUED CLADDED PANEL
 EXTERIOR AND INTERIOR ALUMINUM CLADDING GLUED TO
 CENTER CORE WITH MRG-A-30-013

Sealed: 6/10/2025



FL #26942

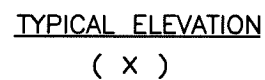
af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)
 MIAMI, FLORIDA 33173
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 COMP-ANL \ 18-36F-MG

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no	date	no	date	no	date

date: 03-20-18
 scale: -
 dr. by: TARIQ
 chk. by:

drawing no.
18-36F
 sheet 4.1 of 10



9/16" MIN. TYP.
GLASS BITE

1/8" HEAT STREN'D. GLASS

.090" Interlayer
Trosifol PVB
By 'kuraray America, Inc.'

1/8" HEAT STREN'D. GLASS

SILICONE
GE 2000

30

32

33

34

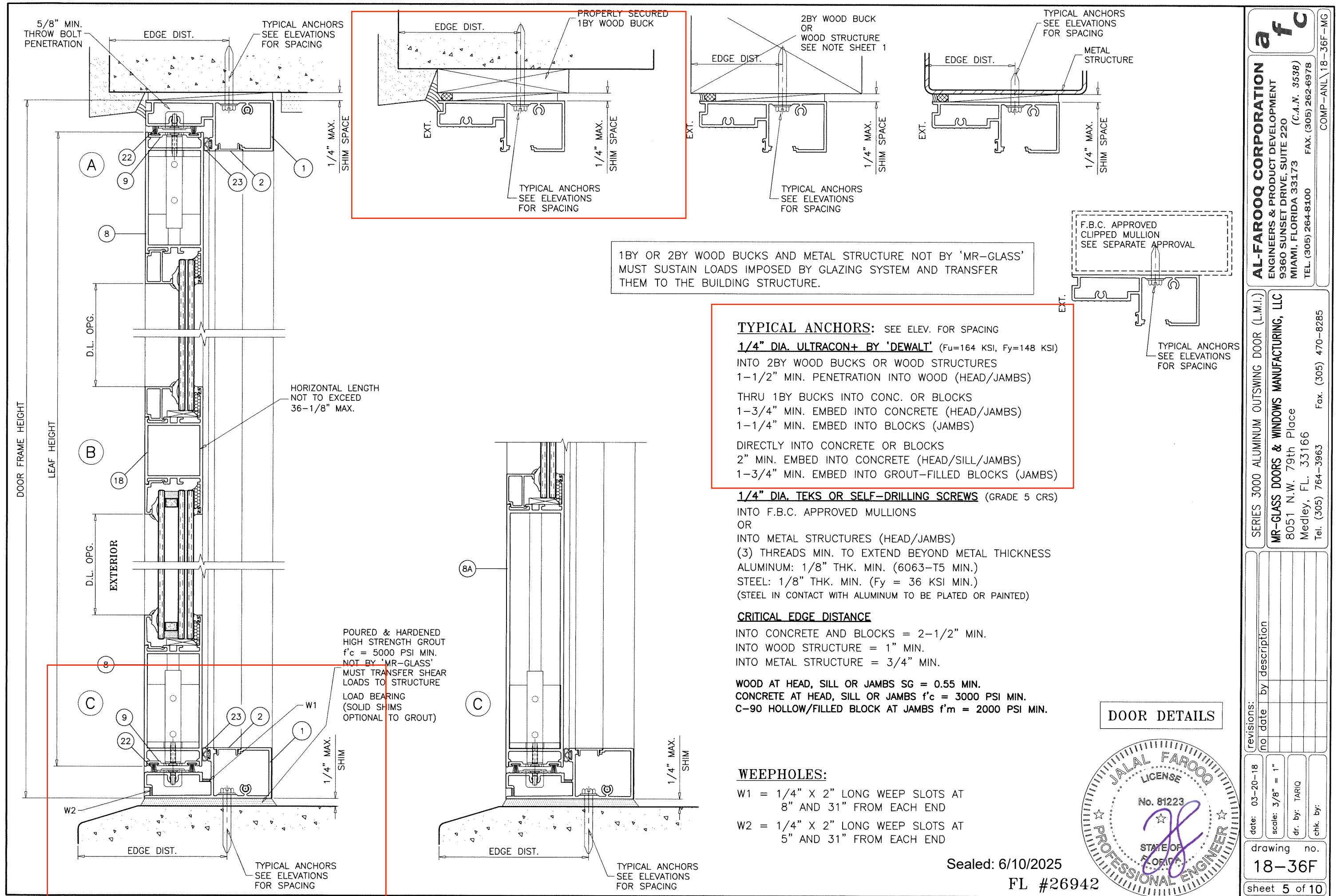
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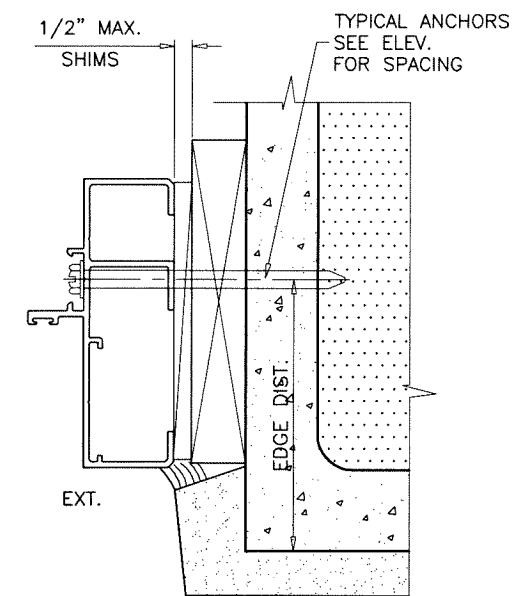
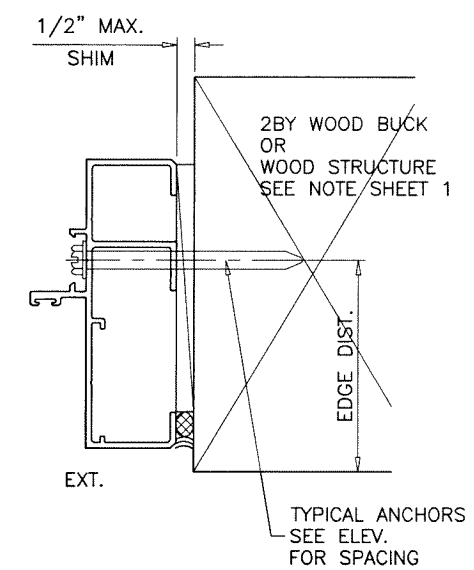
EXTERIOR

A circular professional engineer seal for Jalal Farooq. The outer ring contains the text "JALAL FAROOQ" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside the ring, the word "LICENSE" is at the top, "No. 81223" is in the center, and "STATE OF FLORIDA" is at the bottom. A large, stylized purple signature is written over the seal. The number "942" is printed in the bottom left corner.

FL #26942

[illegible]





FL #26942

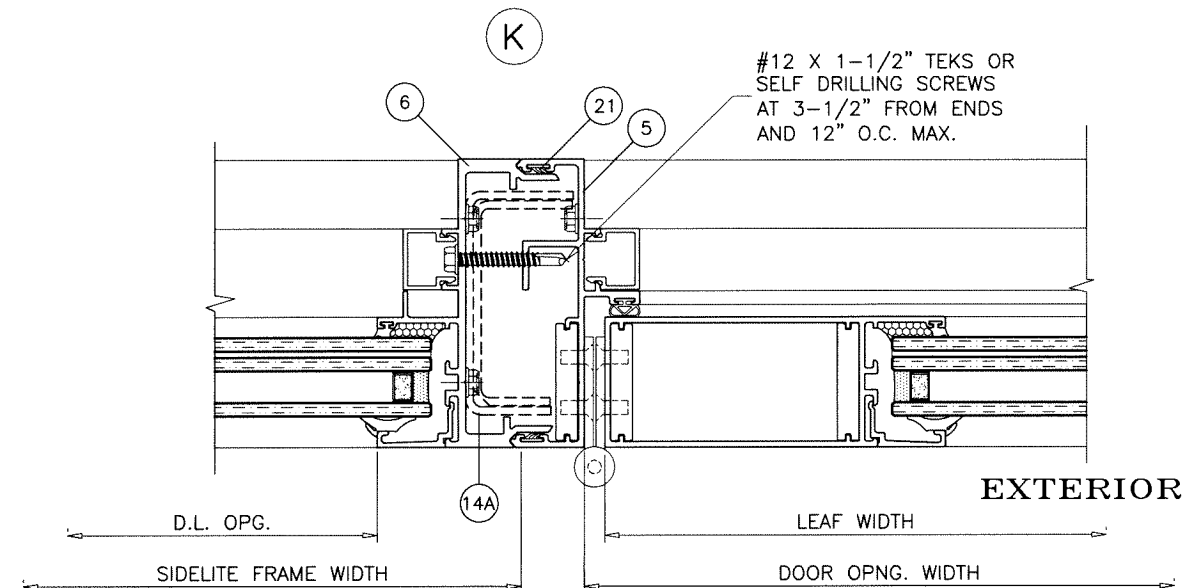
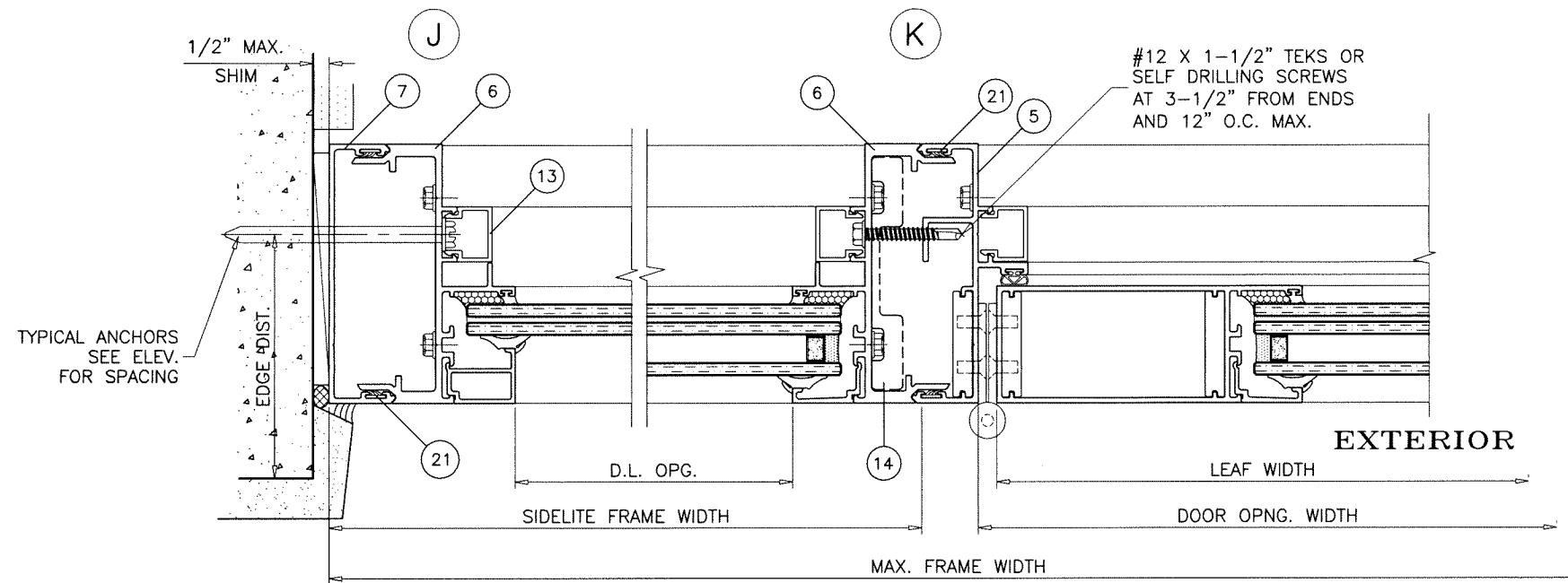
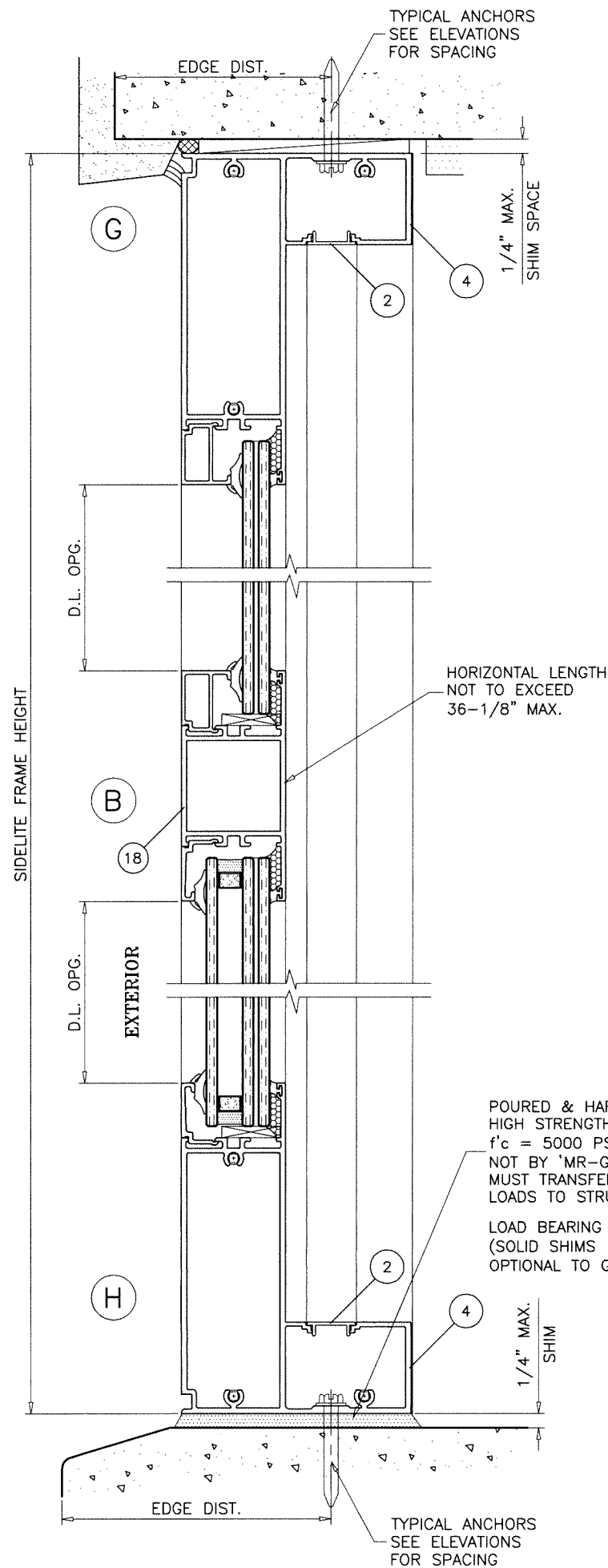
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
(C.A.N. 3538)

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date: 03-20-18		revisions:	
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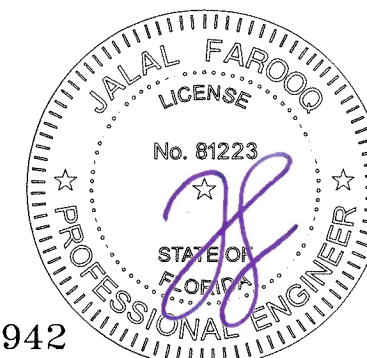
drawing no.
18-36F

sheet 6 of 10



SIDELITE DETAILS

Sealed: 6/10/2025



FL #26942

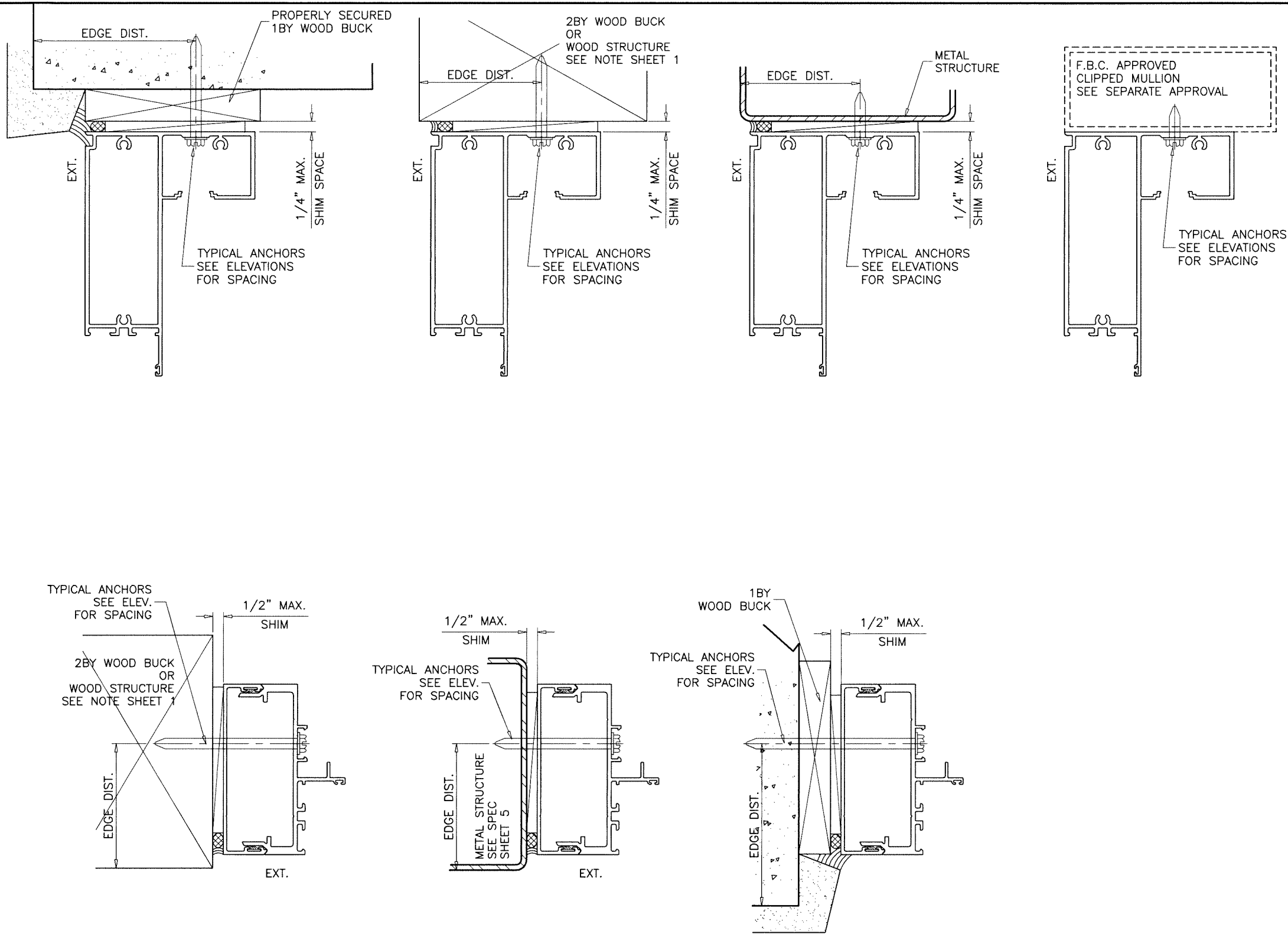
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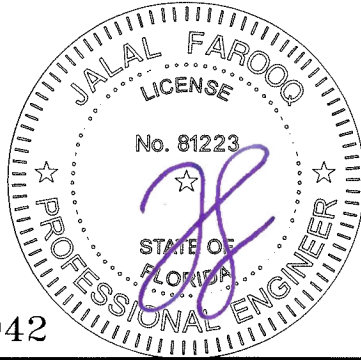
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		dr. by:	TARIQ				
		chk. by:					
drawing no.		18-36F		sheet		7 of 10	

COMP-ANL\18-36F-MG



SIDELITE DETAILS



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FL #26942

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COMP-ANL 18-36F-MG

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				sheet 7.1 of 10

HINGES:

OPTION #1:

7-1/2" LONG ALUMINUM BUTT HINGES F107 BY 'SULLIVAN & ASSOC.'
(3) FOR DOORS UPTO 98" HEIGHTS
(5) FOR DOORS ABOVE 98" HEIGHTS
TOP AND BOTTOM HINGES AT 8" FROM ENDS
INTERMEDIATE HINGES EQUALLY SPACED
FASTENED TO FRAME WITH
(6) #10 X 3/4" FH SELF DRILLING SCREWS
FASTENED TO LEAF WITH
(5) #10 X 3/4" PH SELF DRILLING SCREWS

OPTION #2:

4" X 4-1/2" ST. STEEL BALL BEARING HINGES BY 'REGENT/IDH'
(3) FOR DOORS UPTO 98" HEIGHTS
(4) FOR DOORS UPTO 120" HEIGHTS
(5) FOR DOORS ABOVE 120" HEIGHTS
TOP AND BOTTOM HINGES AT 6-5/8" FROM ENDS
INTERMEDIATE HINGES EQUALLY SPACED
FASTENED TO FRAME WITH
(4) #12 X 1/2" FH SELF DRILLING SCREWS
FASTENED TO LEAF WITH
(4) #12 X 1/2" FH SELF DRILLING SCREWS

OPTION #3:

CONTINUOUS ALUMINUM GEARED HINGE FM-SLF BY 'PEMKO'
FASTENED TO FRAME AND LEAF WITH
(22) #12 X 1/2" FH SELF DRILLING SCREWS

SEALANTS:

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

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	E3008	AS REQD.	DOOR FRAME HEAD/SILL	6063-T6	-
2	E1018	AS REQD.	FRAME COVER	6063-T6	-
3	E3006	AS REQD.	DOOR FRAME JAMB	6063-T6	-
4	E3011	AS REQD.	SIDELITE TOP & BOTTOM FRAME	6063-T6	-
5	E3007	AS REQD.	SIDELITE JAMB FEMALE	6063-T6	-
6	E3009	AS REQD.	SIDELITE JAMB MALE	6063-T6	-
7	E3010	AS REQD.	SIDELITE SLIP ON JAMB	6063-T6	-
8	E3001	AS REQD.	LEAF TOP & BOTTOM RAIL	6063-T6	-
8A	E3020	AS REQD.	HIGH BOTTOM RAIL	6063-T6	-
9	E3005	AS REQD.	LEAF W'STRIP ADAPTER	6063-T6	-
10	E3002	AS REQD.	HINGE STILE	6063-T6	-
11	E3003	AS REQD.	LOCK STILE	6063-T6	FOR LOCK OPTIONS #1 & #2
11A	E3024	AS REQD.	ALT. LOCK STILE	6063-T6	FOR LOCK OPTION #3
12	E3004	AS REQD.	ASTRAGAL STILE	6063-T6	FOR LOCK OPTIONS #1 & #2
12A	E3023	AS REQD.	ALT. ASTRAGAL STILE	6063-T6	FOR LOCK OPTION #3
13	E3014	AS REQD.	SNAP COVER	6063-T5	-
14	E3013	AS REQD.	SIDELITE ALUM REINF, 72" LONG, CENTERED IN SPAN	6063-T6	-
14A	-	AS REQD.	SIDELITE STEEL REINF, 72" LONG, CENTERED IN SPAN	STEEL	A36, Fu MIN. = 58 KSI
15	E3015	AS REQD.	SHEAR BLOCK	6063-T6	3" LONG
15A	E3019	AS REQD.	SHEAR BLOCK	6063-T6	3" LONG
16	E3016	AS REQD.	SHEAR BLOCK NUT	6063-T6	3" LONG
16A	E3016	2/ HINGE	HINGE BACK-UP PLATE	6063-T6	8-1/2" LONG @ FRAME, 4-3/4" LONG @ LEAF
17	E9001	AS REQD.	GLAZING BEAD (LAM. GLASS)	6063-T6	-
17A	E9002	AS REQD.	GLAZING BEAD (INSUL. LAM. GLASS)	6063-T6	-
17B	E9003	AS REQD.	GLAZING BEAD (CLADDED PANEL)	6063-T6	-
18	E3012	AS REQD.	INTERMEDIATE HORIZONTAL	6063-T6	-
19	G30-01	AS REQD.	INTERIOR GLAZING SPACER	SANTOPRENE	DUROMETER 70±5 SHORE A
20	G10-04	AS REQD.	EXTERIOR GLAZING GASKET	SANTOPRENE	DUROMETER 70±5 SHORE A
21	G30-02	AS REQD.	DOUBLE FIN AIR SEAL W'STRIPPING	SANTOPRENE	DUROMETER 70±5 SHORE A
22	W71325NK	AS REQD.	PILE W'STRIPPING	WOOL	ULTRAFAB
23	G10-05	AS REQD.	BULB W'STRIPPING	SANTOPRENE	EPDM
24	-	2/ LITE	SETTING BLOCK, 1/8" X 1" X 4" LONG	EPDM	AT 6" FROM EACH END, DUROMETER 80±5
26	#12 X 1-1/2"	AS REQD.	FRAME ASSEMBLY SCREWS	ST. STEEL	HWH SMS
27	3/8 X 1"	AS REQD.	SHEAR BLOCK FASTENERS	ST. STEEL	HEX SOCKET HEAD SCREWS
28	#12 X 1-1/2"	AS REQD.	SHEAR BLOCK FASTENERS	ST. STEEL	HWH SMS
29	E3026	AS REQD.	WINDOW FRAME	6063-T6	-
30	E3027	AS REQD.	WINDOW FRAME COVER	6063-T6	-
31	A60-04	1/ CORNER	FRAME ALIGNMENT KEY	ST. STEEL	-
32	G25-01	AS REQD.	WINDOW GLAZING SPACER	SANTOPRENE	DUROMETER 70±5 SHORE A
33	-	2/LITE	SETTING BLOCK	-	AT 6" FROM EACH END
34	#8 X 1/2"	AS REQD.	WINDOW INSTALLATION SCREWS, AT 3" FROM ENDS & 12" O.C. MAX.	-	PH PH SMS



Sealed: 6/10/2025

FL #26942

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AL-FAROOQ CORPORATION
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9360 SUNSET DRIVE, SUITE 220
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COMP-ANL\18-36F-MG

SERIES 3000 ALUMINUM OUTSWING DOOR (L.M.I.)

MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL 33166
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revisions:
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dr. by: TARIQ
chk. by:

drawing no.
18-36F
sheet **8** of 10

LOCKS:

OPTION #1:

ACTIVE LEAF:

3 POINT LOCK ASSEMBLY DL01-6065 BY 'INTERLOCK USA INC.'
(1) LOCKING POINTS ENGAGING AT INACTIVE LEAF AT STRIKE PLATE
1/2" DIA. BOLTS WITH 5/8" THROW (1) AT TOP ENGAGING FRAME
HEAD AND (1) AT BOTTOM ENGAGING FRAME SILL
THROW BOLTS ATTACHED TO LOCK BY 3/8" CONNECTING RODS
LOCK HANDLE LOCATED AT 42-1/2" FROM BOTTOM

INACTIVE LEAF:

2 POINT LOCK ASSEMBLY BY 'INTERLOCK USA INC.'
1/2" DIA. BOLTS WITH 5/8" THROW AT TOP AND BOTTOM ENGAGING
FRAME HEAD AND FRAME SILL
THROW BOLTS ATTACHED TO LOCK BY 3/8" CONNECTING RODS
LOCK LOCATED AT 42-1/2" FROM BOTTOM

OPTION #2:

ACTIVE LEAF:

SURFACE BOLTS BY 'SULLIVAN & ASSOC.'
MANUALLY OPERATED LEVERS MOUNTED ON STILE FACE,
LOCATED AT 12" AND 68" FROM BOTTOM
FASTENED TO LOCK STILE WITH
#8 X 3/4" FH SMS (2) SCREWS PER BOLT

INACTIVE LEAF:

CONCEALED FLUSH BOLTS BY 'SULLIVAN & ASSOC.'
MANUALLY OPERATED LEVERS MOUNTED ON
INSIDE FACE OF LEAF STILE LOCATED AT
28" FROM TOP AND 12" FROM BOTTOM
FASTENED TO LOCK STILE WITH
#8 X 3/4" FH SMS (2) PER BOLT

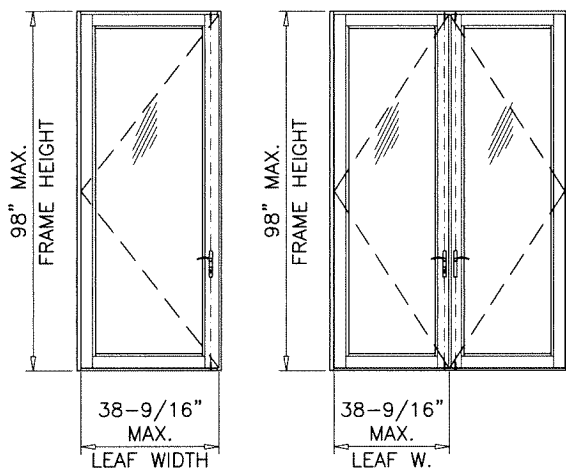
OPTION #3:

ACTIVE LEAF:

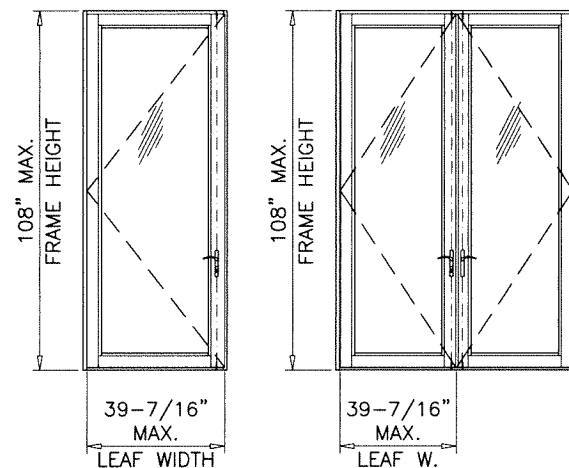
MULTI POINT LOCK ASSEMBLY DL01-6065 BY 'INTERLOCK USA INC.'
(3) LOCKING POINTS ENGAGING AT JAMB STRIKE PLATE
LOCATED AT 22", 39" AND 54-1/2" FROM BOTTOM
1/2" DIA. BOLTS WITH 5/8" THROW
(1) AT TOP ENGAGING FRAME HEAD AND
(1) AT BOTTOM ENGAGING FRAME SILL
THROW BOLTS ATTACHED TO LOCK BY 3/8" CONNECTING RODS
LOCK HANDLE LOCATED AT 42-1/2" FROM BOTTOM

INACTIVE LEAF:

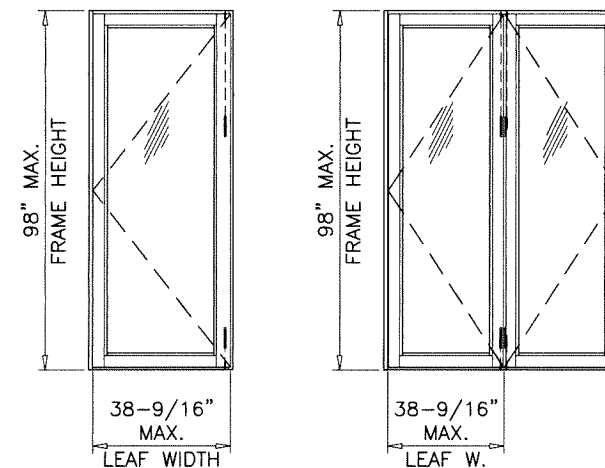
2 POINT LOCK ASSEMBLY BY 'INTERLOCK USA INC.'
1/2" DIA. BOLTS WITH 5/8" THROW AT TOP AND BOTTOM ENGAGING
FRAME HEAD AND FRAME SILL
THROW BOLTS ATTACHED TO LOCK BY 3/8" CONNECTING RODS
LOCK LOCATED AT 42-1/2" FROM BOTTOM



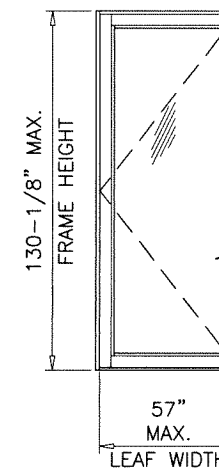
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-80 PSF



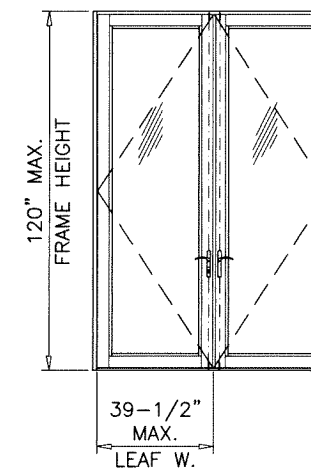
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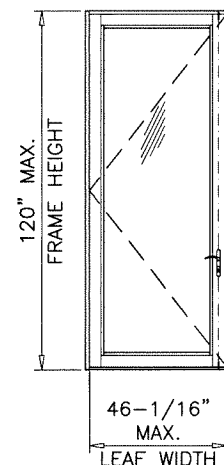
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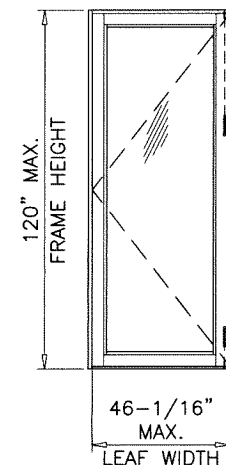
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MAX. DESIGN LOAD = +60 PSF
-60 PSF



MAX. DESIGN LOAD = +65 PSF
-70 PSF

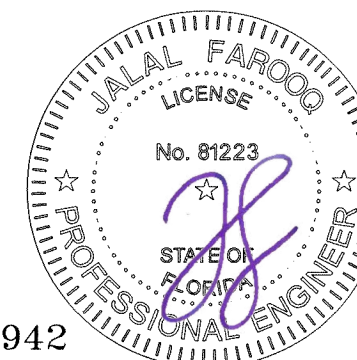


MAX. DESIGN LOAD = +65 PSF
-70 PSF

DOOR HANDLES:

SURFACE MOUNT METALLIC HANDLES AT 42-1/2" FROM BOTTOM
FASTENED TO ACTIVE AND INACTIVE LEAF LOCK STILES WITH
(2) 1/4-20 X 1-13/16" CONE HEAD MS
(4) 1/4-20 X 5/16" SET SCREWS

Sealed: 6/10/2025



FL #26942

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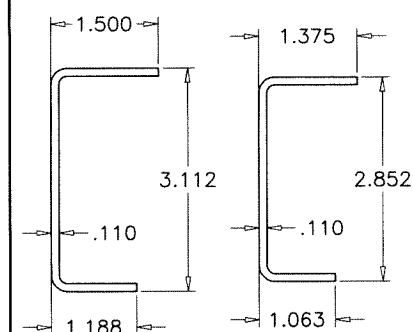
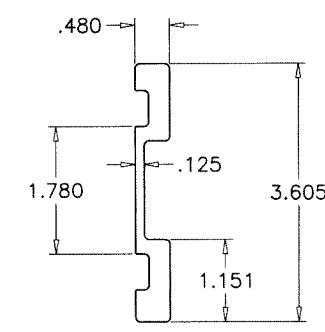
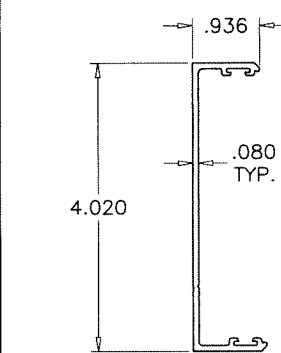
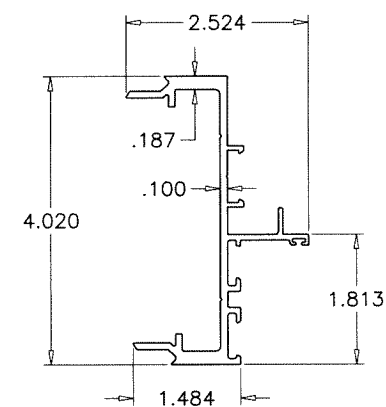
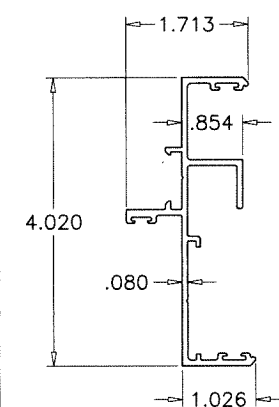
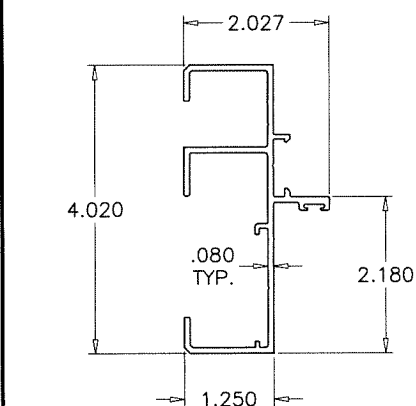
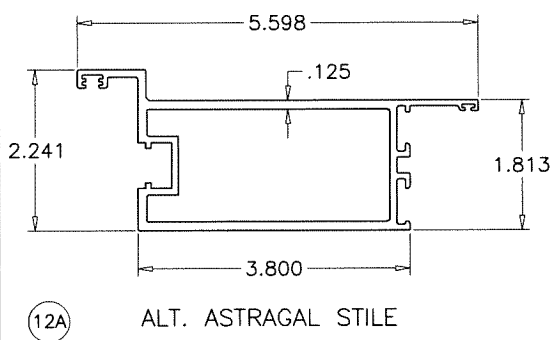
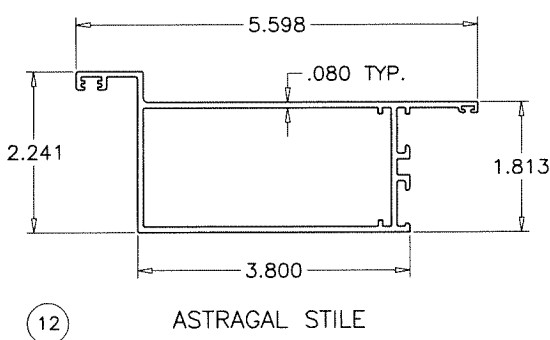
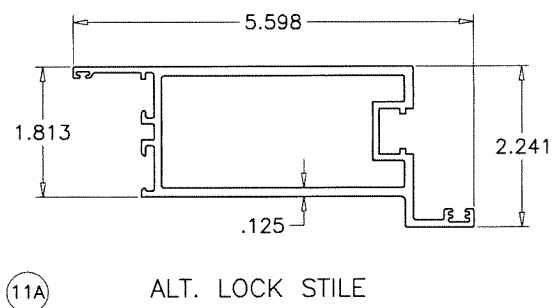
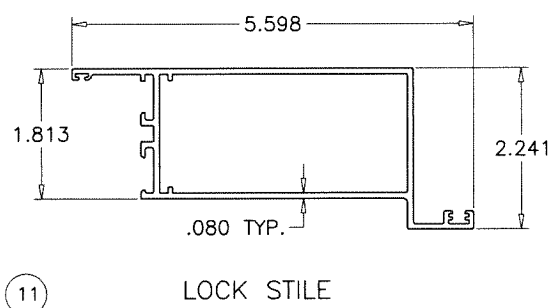
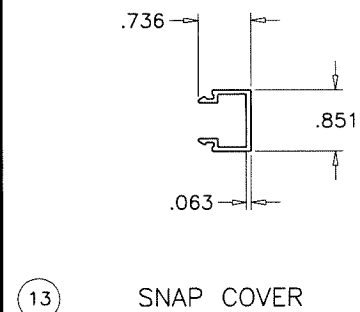
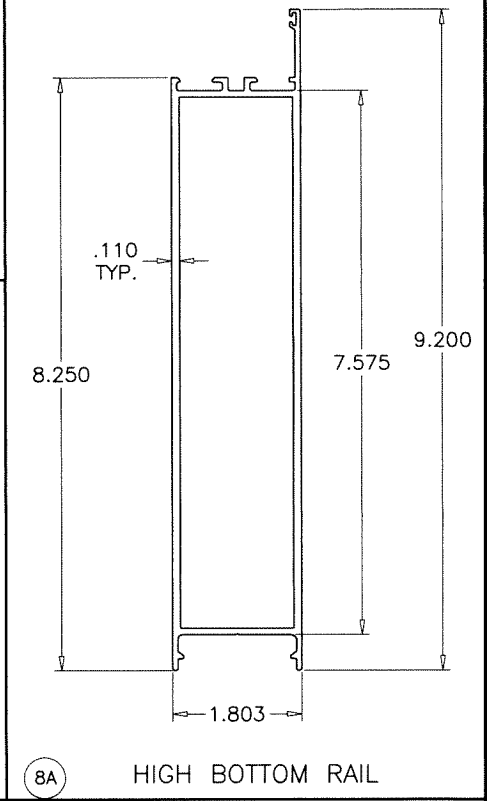
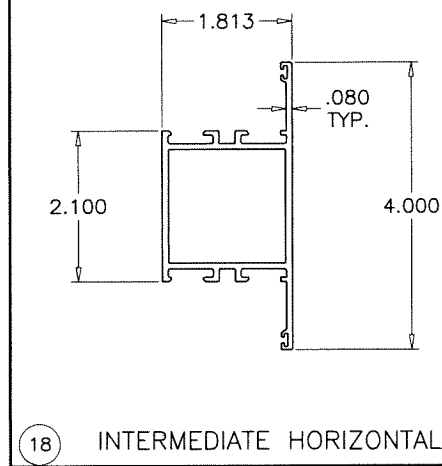
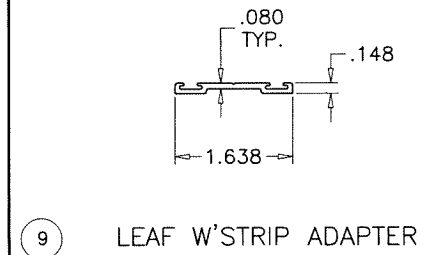
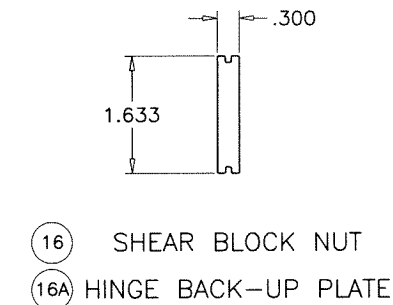
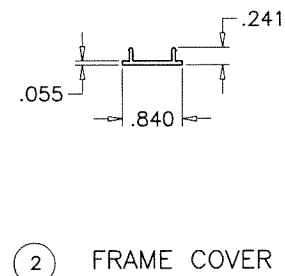
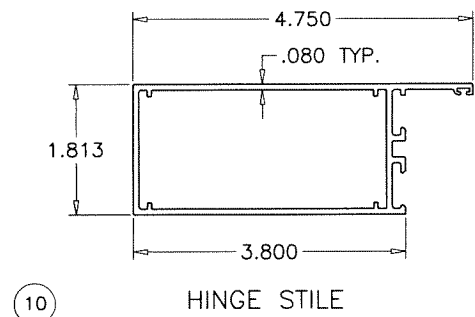
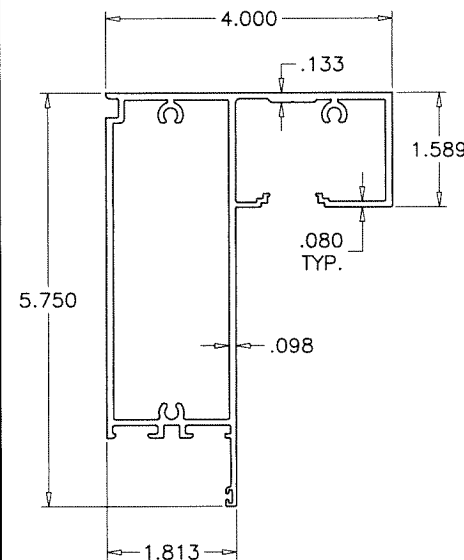
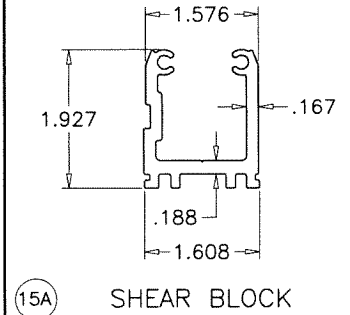
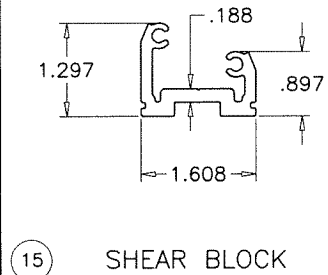
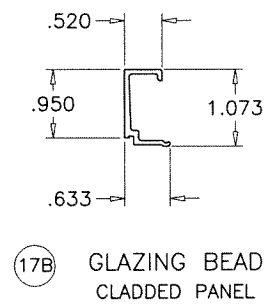
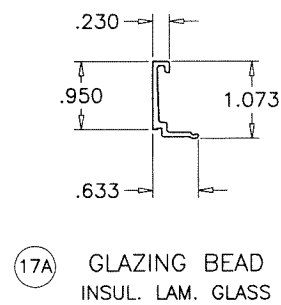
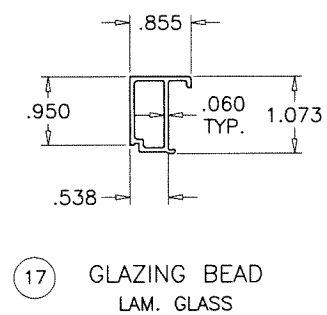
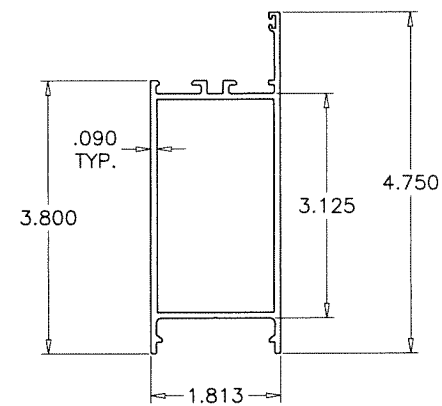
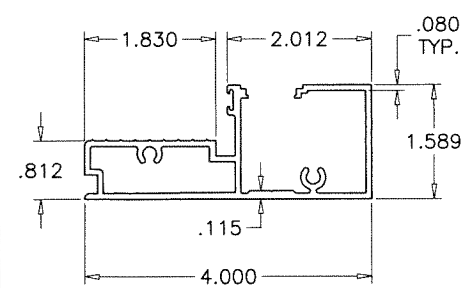
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drawing no.

18-36F

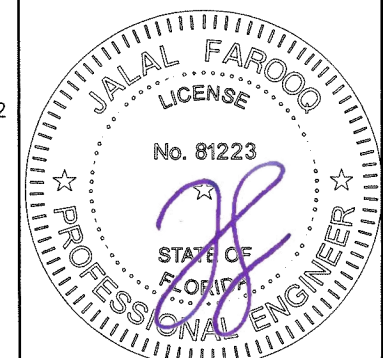
sheet 8.1 of 10

COMP-ANL 18-36F-MG



Sealed: 6/10/2025

FL #26942



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

SERIES 3000 ALUMINUM OUTSWING DOOR (L.M.I.)
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL. 33166
Tel. (305) 764-3963 Fax. (305) 470-8285

date: 03-20-18		revisions:	
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chk. by:			
sheet 9 of 10			

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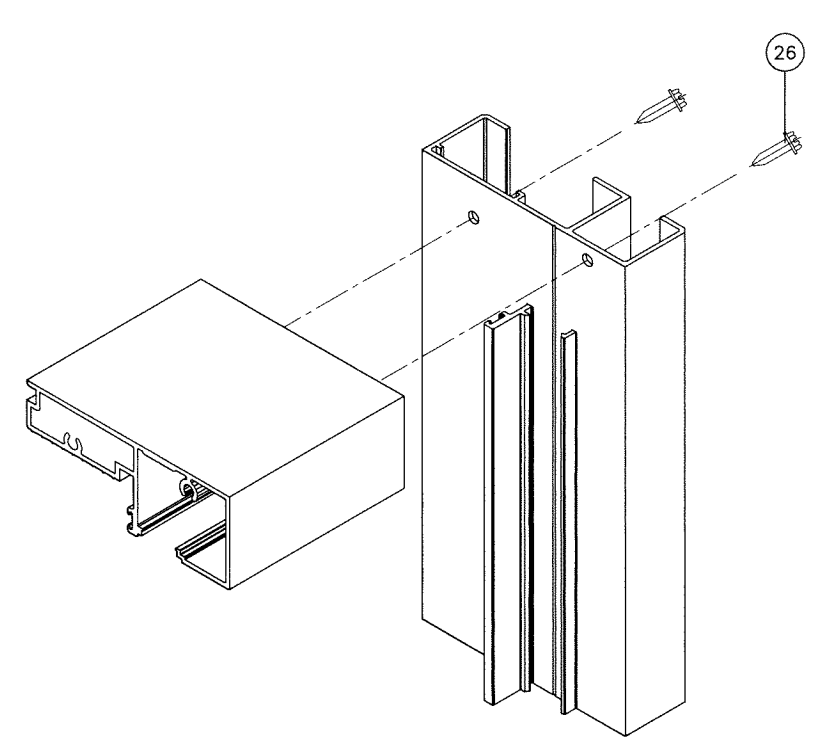
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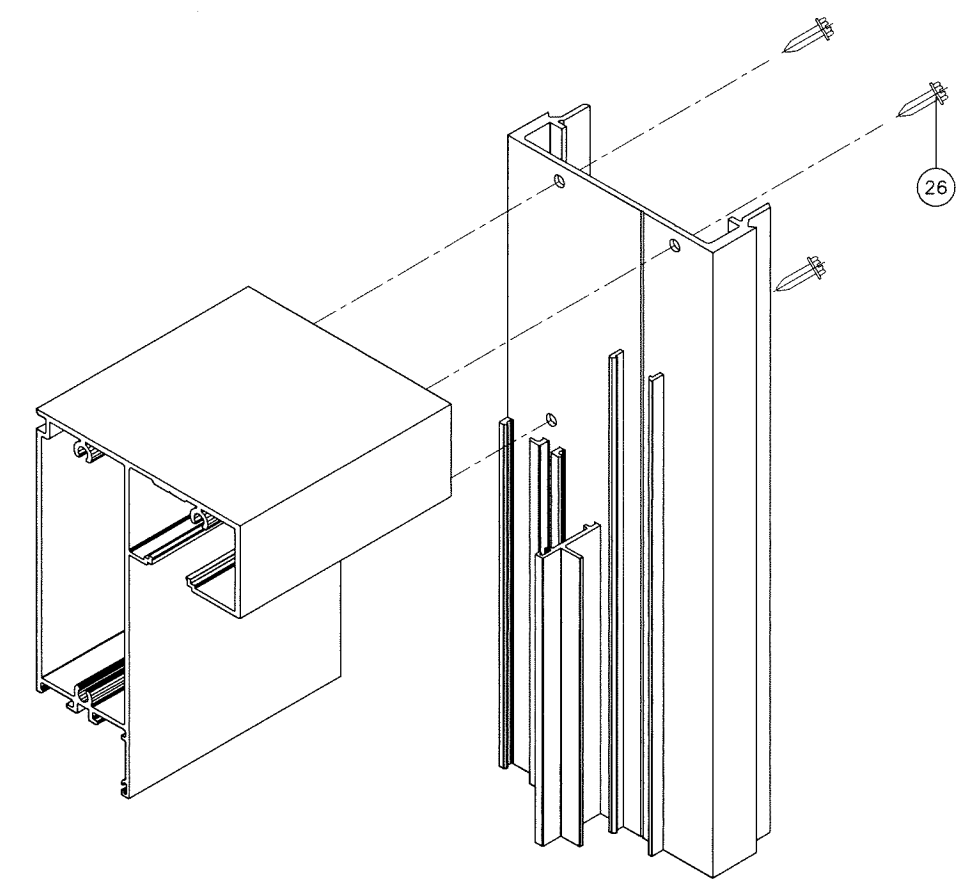
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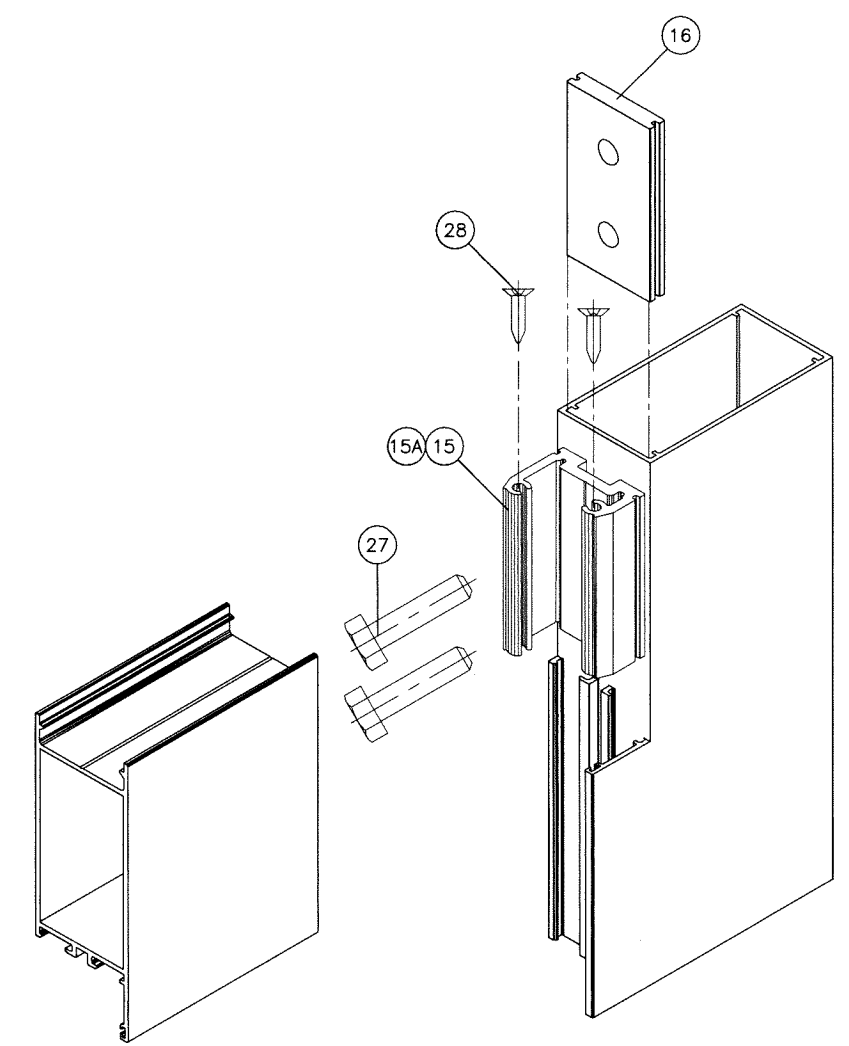
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DOOR FRAME CORNER

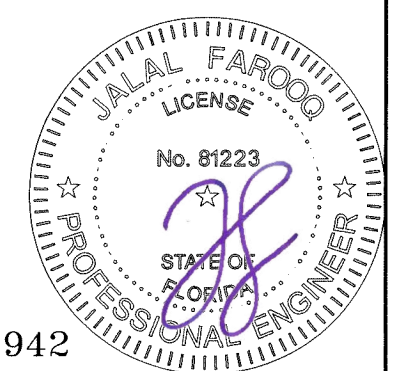


SIDELITE FRAME CORNER



LEAF CORNER

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revisions:	
no	date by description

date: 03-20-18
 scale: 3/8" = 1"
 dr. by: TARIQ
 chk. by:

drawing no.
18-36F
 sheet 10 of 10