



Product Approval
USER: Public User

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OFFICE OF THE
SECRETARY

FL # FL26942-R6
Application Type Revision
Code Version 2023
Application Status Approved

Comments
Archived ☐

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

Authorized Signature Ulises Senaris
ulises@mrglasswindows.com

Technical Representative Augusto Arias
Address/Phone/Email 8120 NW 84th St
Medley, FL 33166
(305) 470-8284
aarias@mrglasswindows.com

Quality Assurance Representative
Address/Phone/Email

Category Exterior Doors
Subcategory 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 Jalal Farooq
Florida License PE-81223
Quality Assurance Entity Keystone Certifications, Inc.
Quality Assurance Contract Expiration Date 04/14/2035
Validated By 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

Equivalence of Product Standards
Certified By

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:



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 SIDELITE 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 2020 (7TH EDITION)/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.

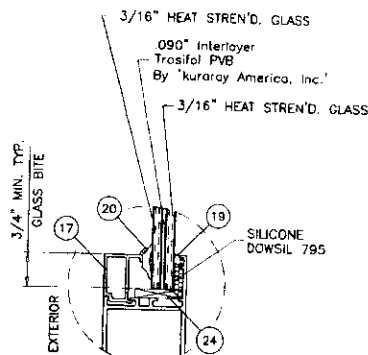
ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

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

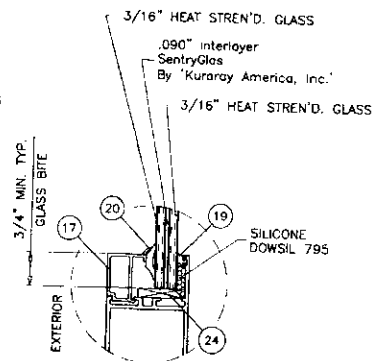
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2020/2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

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.

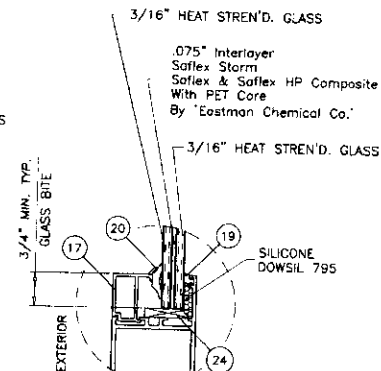
DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.
MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE.
LABELING TO COMPLY WITH SECTION 1709.9.2.



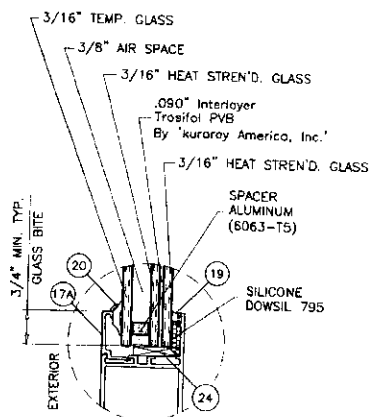
GLASS TYPE 'A'



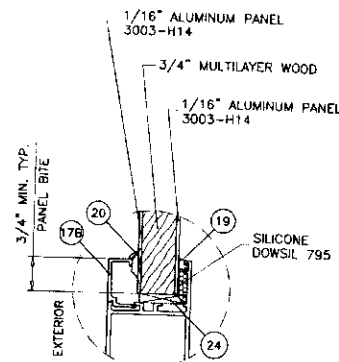
GLASS TYPE 'B'



GLASS TYPE 'C'



GLASS TYPE 'Ai'

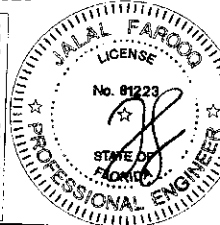


7/8" OVERALL GLUED CLADDED PANEL
EXTERIOR AND INTERIOR ALUMINUM CLADDING GLUED TO CENTER CORE WITH MRG-A-30-013

Sealed: 7/27/2023

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.

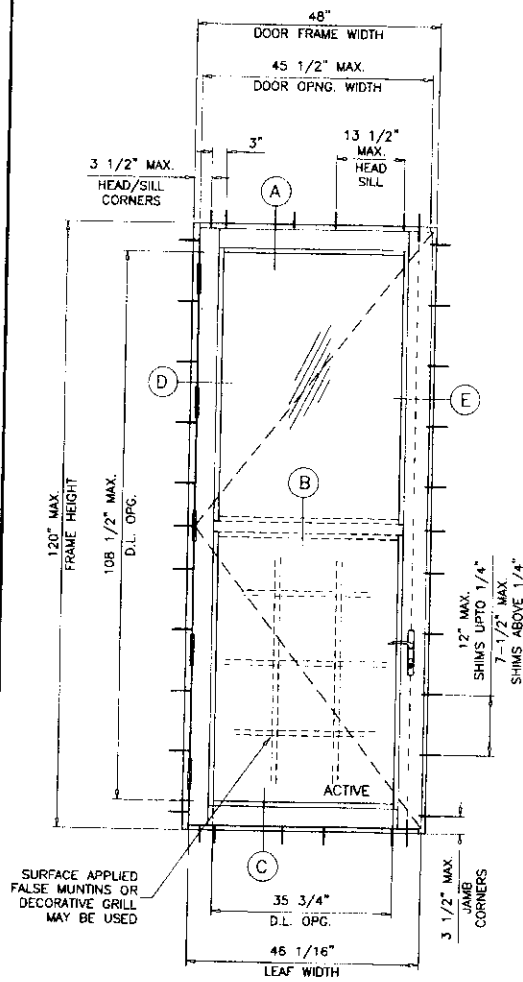


AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9380 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL (305) 264-8100 FAX (305) 264-8978
C.A.N. 3538

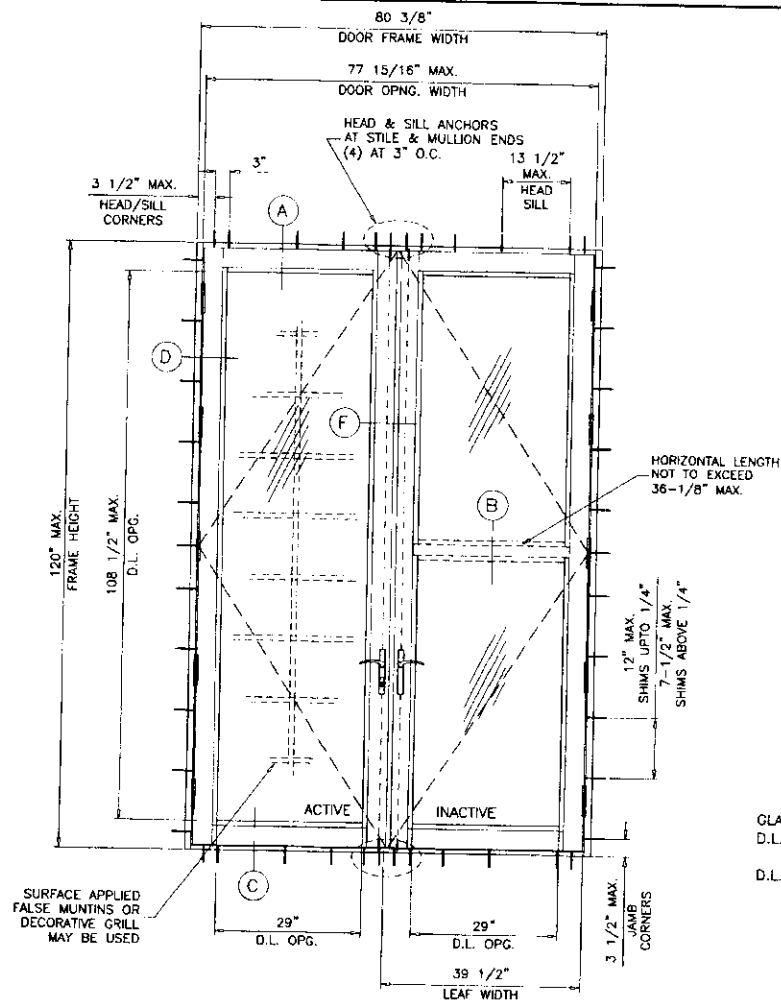
SERIES 3000 ALUMINUM OUTSWING DOOR (U.M.I.)
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL 33166
Tel. (305) 764-3963 Fax. (305) 470-8285

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

date: 03-20-18
scale: 3/8" = 1"
dr. by: TARIQ
ch. by:
drawing no. 18-36F
sheet 1 of 10



TYPICAL ELEVATION
(X)



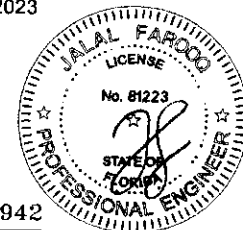
TYPICAL ELEVATION
(XX)

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"

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: 7/27/2023



FL #26942

DOORS LOAD CAPACITY - PSF
SINGLE (X) DOORS

SINGLE DOOR (X) DIMS.		GLASS				GLUED CLADDED PANEL			
FRAME WIDTH	FRAME HEIGHT	TYPE 'A' & 'A1'	TYPE 'B'	TYPE 'C'		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
40-1/2"	98"	80.0	80.0	65.0	70.0	60.0	60.0	80.0	80.0
41-3/8"	120"	-	-	65.0	70.0	60.0	60.0	80.0	80.0
48"	120"	-	-	65.0	70.0	60.0	60.0	80.0	80.0

DOORS LOAD CAPACITY - PSF
DOUBLE (XX) DOORS

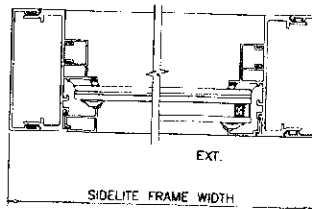
DOUBLE DOOR (XX) DIMS.		GLASS				GLUED CLADDED PANEL			
FRAME WIDTH	FRAME HEIGHT	TYPE 'A' & 'A1'	TYPE 'B'	TYPE 'C'		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
78-1/2"	98"	80.0	80.0	65.0	70.0	60.0	60.0	80.0	80.0
80-3/8"	120"	-	-	-	-	60.0	60.0	60.0	60.0

AL-FAROOQ CORPORATION
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COMP-ANL 18-36F-MC

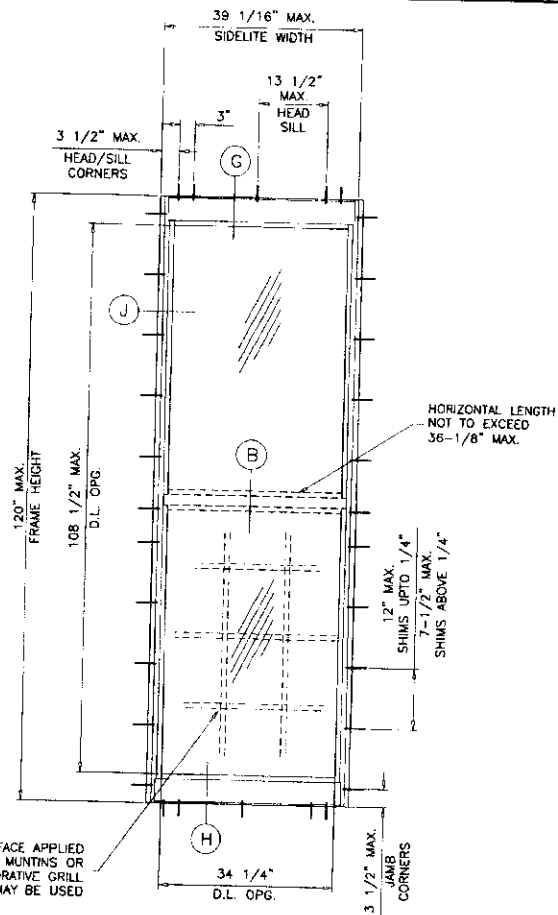
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8051 N.W. 79th Place
Medley, FL 33166
Tel: (305) 764-3963 Fax: (305) 470-6285

Revisions:
No. 01-20-18
Date: 01-20-18
By: description
Scale: 1/2"=1'-0"
Gr. By: JAFD
CHK. By:
drawing no.
18-36F
sheet 2 of 10

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 CLADDED 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



SURFACE APPLIED
FALSE MUNTINS OR
DECORATIVE GRILL
MAY BE USED

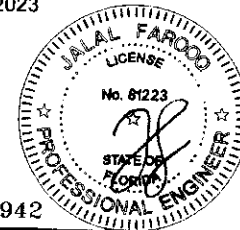


TYPICAL ELEVATION
(O)
STAND ALONE SIDELITE

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

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: 7/27/2023



FL #26942

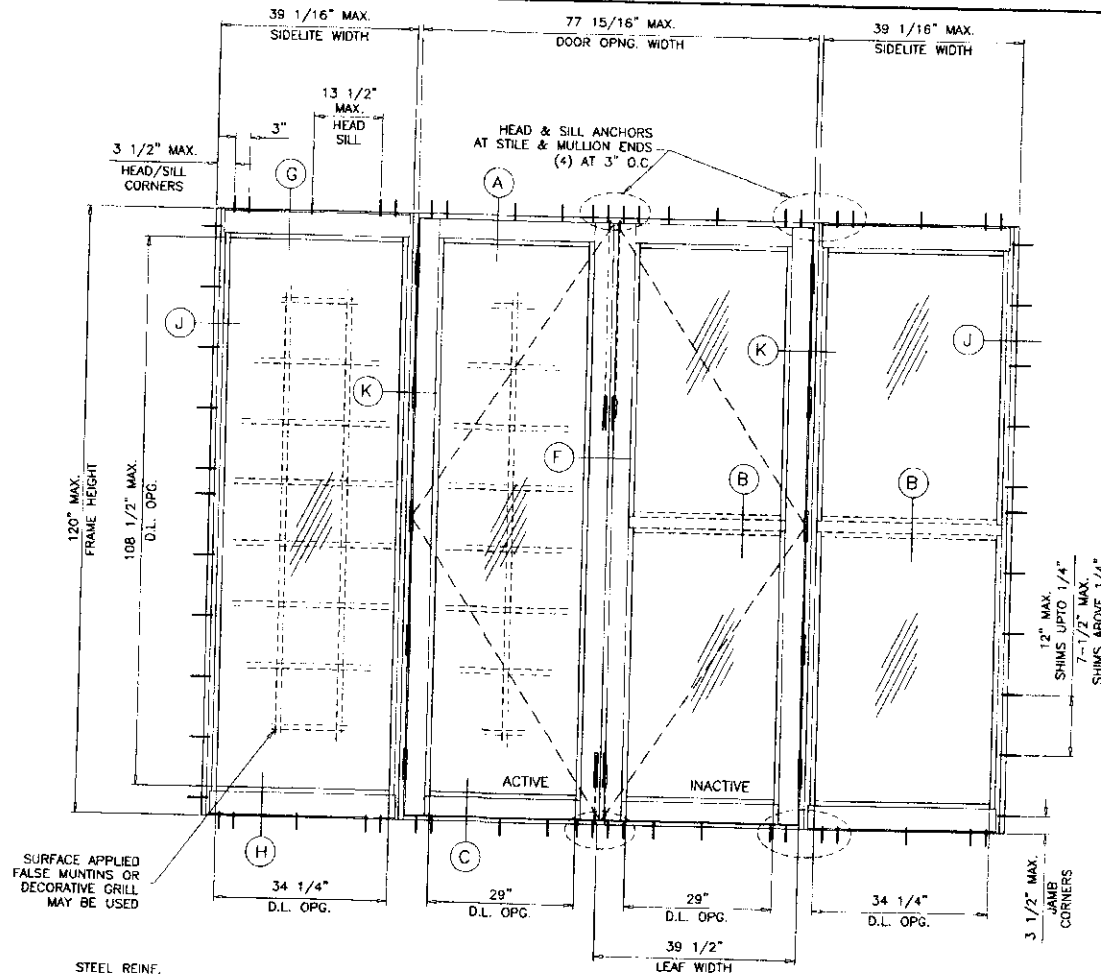
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9380 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33179
TEL. (305) 264-8100 FAX (305) 262-8978
COMP-ANL 18-36F-MC

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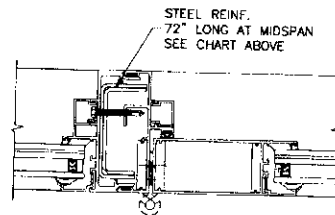
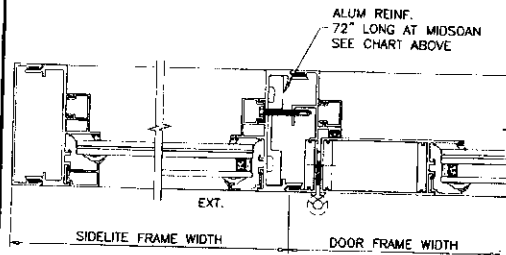
revisions:	date:	by:	description:
03-20-18	03-20-18	03-20-18	03-20-18
scale: 1/2"=1'-0"	dr. by: TARG	chk. by:	
drawing no. 18-36F			
sheet 3 of 10			

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		-	-	58.0	58.0	60.0	60.0
36		-	-	55.7	55.7	60.0	60.0
39-1/16		-	-	58.9	58.9	60.0	60.0
42		-	-	53.8	53.8	60.0	60.0
24	120	-	-	49.6	49.6	60.0	60.0
30		-	-	47.7	47.7	60.0	60.0
36		-	-	-	-	-	-
39-1/16	-	-	-	-	-	-	-



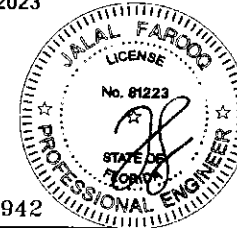
SURFACE APPLIED
FALSE MUNTINS OR
DECORATIVE GRILL
MAY BE USED



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: 7/27/2023

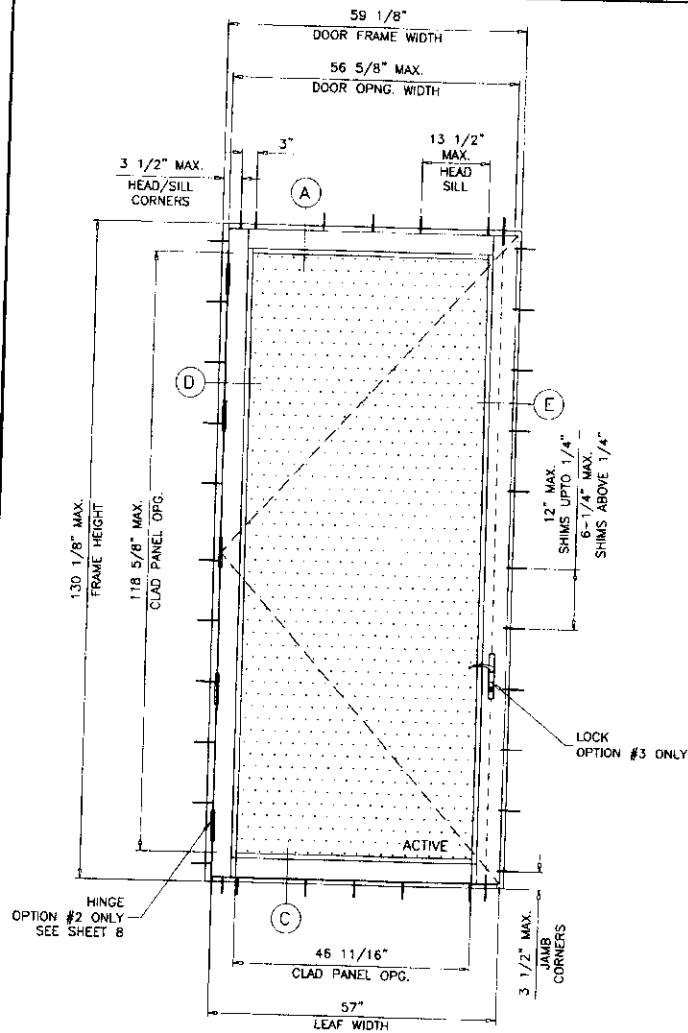


FL #26942

af c
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9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL (305) 284-8100 FAX (305) 282-8978
COMP-ANL 18-36F-NG

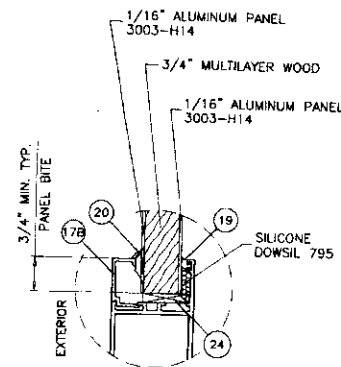
SERIES 3000 ALUMINUM OUTSWING DOOR (L.M.I.)
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL 33166
Tel. (305) 764-3963 Fax. (305) 470-8285

Revisions:
no. date by description
date: 03-20-18
scale: -
dr. by: JAF
chk. by: -
drawing no.
18-36F
sheet 4 of 10



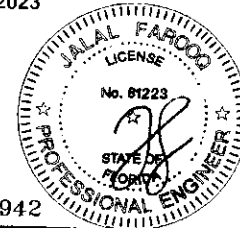
TYPICAL ELEVATION
(X)

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



7/8\"/>

Sealed: 7/27/2023



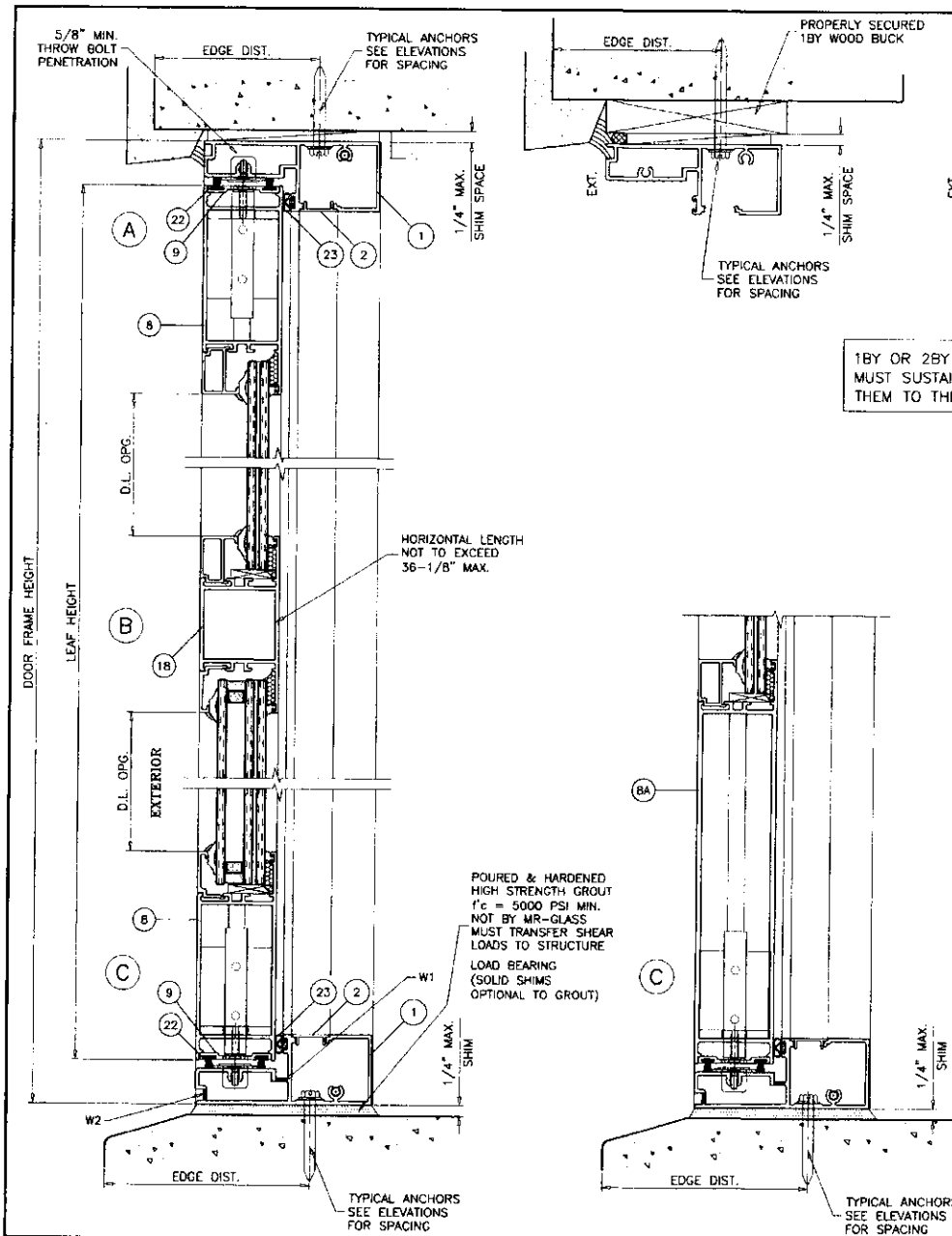
FL #26942

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL (305) 284-8100 FAX (305) 282-6978
COMP-ANL 18-36F-MC

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
1	03-20-18
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drawing no.
18-36F
sheet 4 of 10



1BY OR 2BY WOOD BUCKS AND METAL STRUCTURE NOT BY 'MR-GLASS' 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 2BY WOOD BUCKS OR WOOD STRUCTURES

1-1/2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)

THRU 1BY BUCKS INTO CONC. OR BLOCKS

1-3/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)

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

DIRECTLY INTO CONCRETE OR BLOCKS

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

1-3/4" MIN. EMBED INTO GROUT-FILLED BLOCKS (JAMBS)

1/4" DIA. TEK'S OR SELF-DRILLING SCREWS (GRADE 5 CRS)

INTO F.B.C. APPROVED MULLIONS

OR

INTO METAL STRUCTURES (HEAD/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)

CRITICAL EDGE DISTANCE

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

INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 3/4" MIN.

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

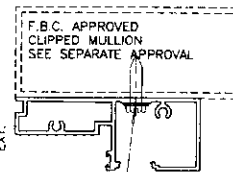
CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.

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

WEEPHOLES:

W1 = 1/4" X 2" LONG WEEP SLOTS AT 8" AND 31" FROM EACH END

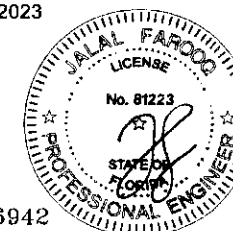
W2 = 1/4" X 2" LONG WEEP SLOTS AT 5" AND 31" FROM EACH END



TYPICAL ANCHORS
SEE ELEVATIONS
FOR SPACING

DOOR DETAILS

Sealed: 7/27/2023



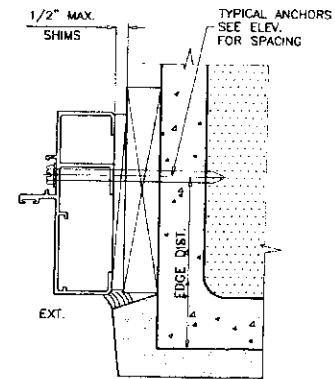
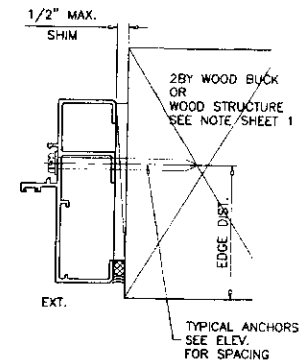
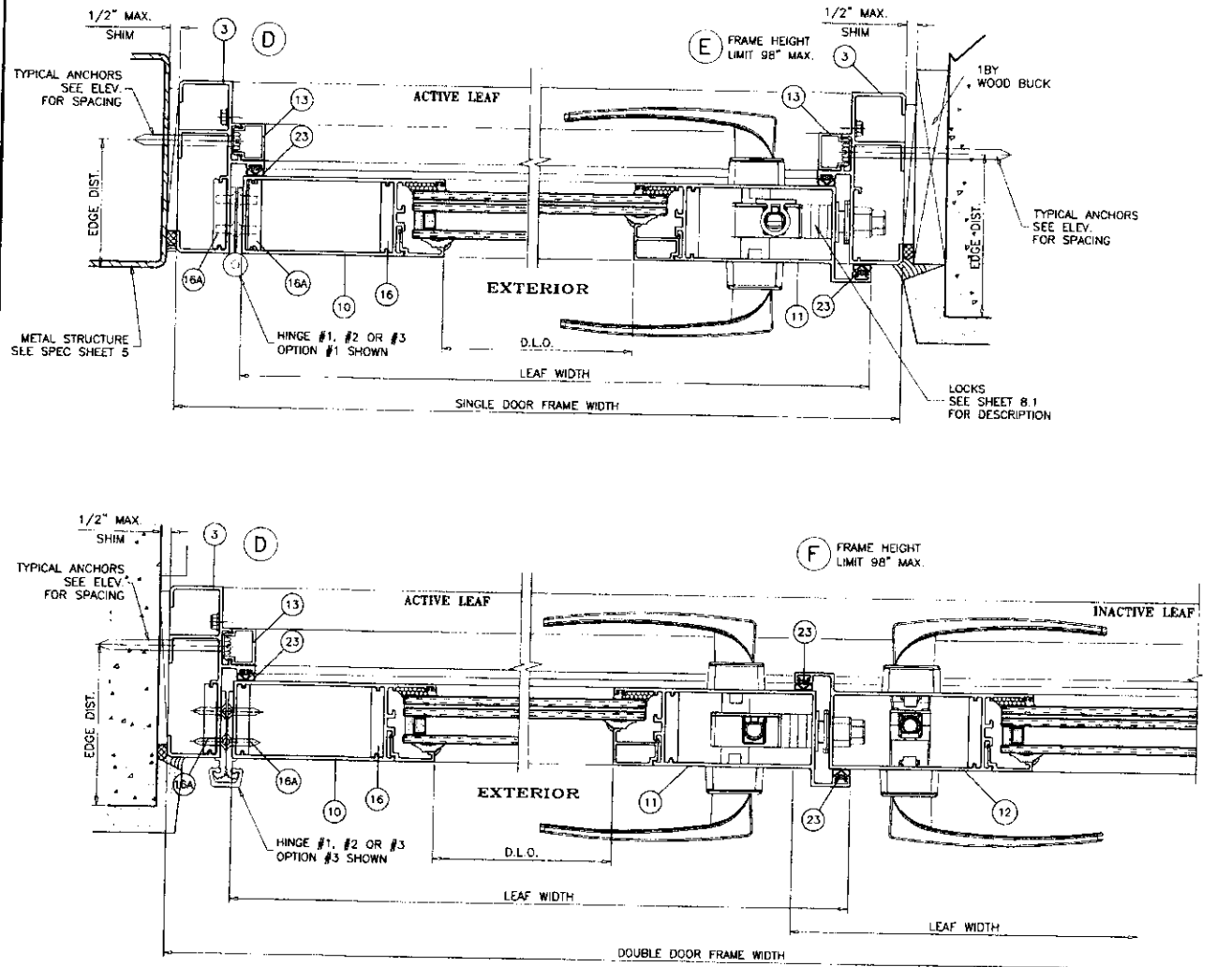
FL #26942

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL (305) 262-8300 FAX (305) 262-8378
C.A.N. 3558

SERIES 3000 ALUMINUM OUTSWING DOOR (L.M.I.)
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL 33106
Tel. (305) 764-3963 Fax (305) 470-8285

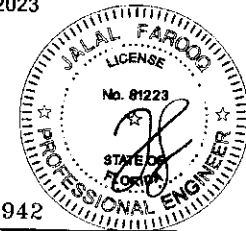
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drawing no.
18-36F
sheet 5 of 10



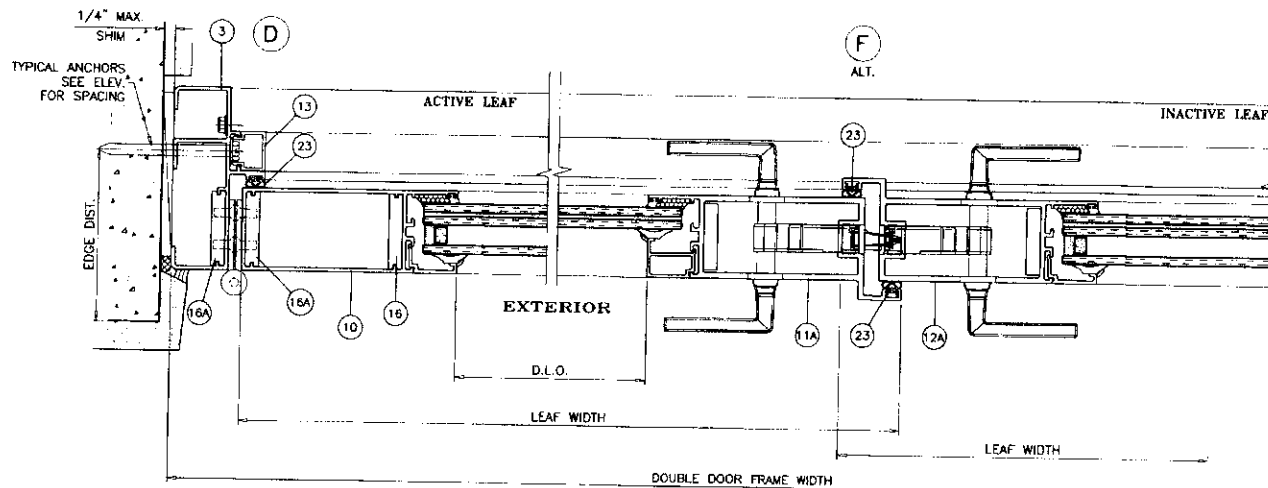
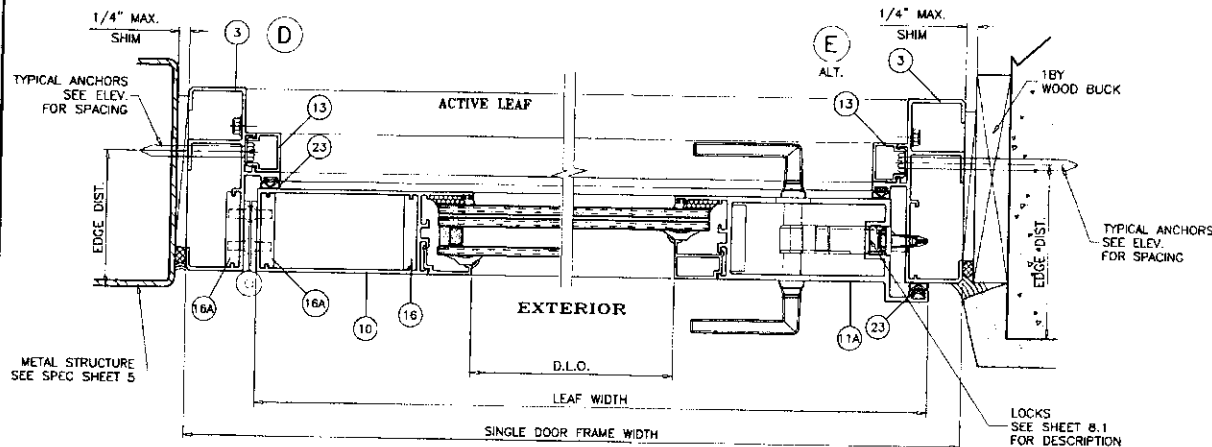
DOOR DETAILS

Sealed: 7/27/2023



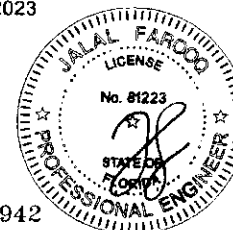
FL #26942

AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 TEL (305) 264-8100 FAX (305) 262-8978 COMP-ANL 18-36F-MG	
MR. GLASS DOORS & WINDOWS MANUFACTURING, LLC 8051 N.W. 79th Place Medley, FL 33166 Tel. (305) 764-3963 Fax. (305) 470-8285	
SERIES 3000 ALUMINUM OUTSWING DOOR (L.M.I.)	
REVISIONS no. date by description	drawing no. 18-36F sheet 6 of 10



DOOR DETAILS

Sealed: 7/27/2023

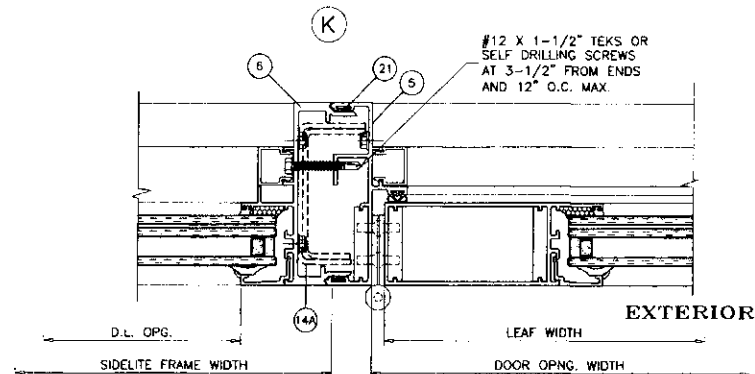
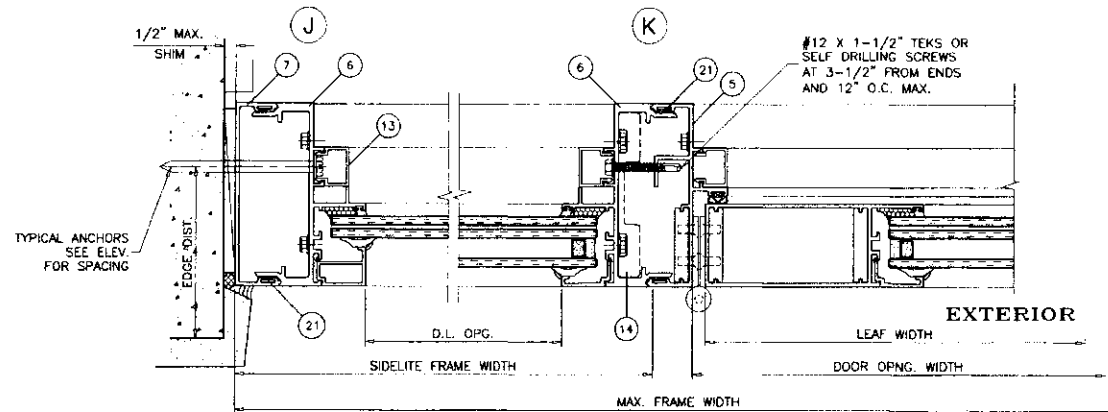
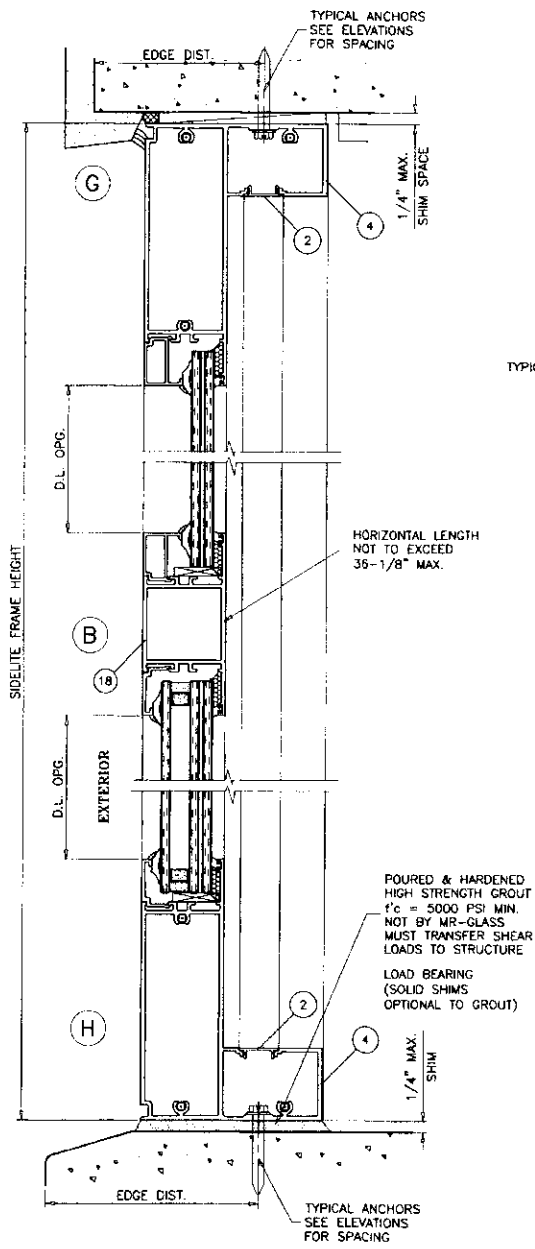


FL #26942

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL (305) 264-6100 FAX (305) 262-6978
COMP.-ANL 18-36F-MC

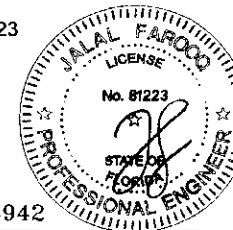
SERIES 3000 ALUMINUM OUTSWING DOOR (L.M.I.)
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL 33166
Tel. (305) 764-3963 Fax. (305) 470-8285

Revisions:	
no.	description
01-20-18	date
3/8" = 1"	scale
dr. by: FARQ	dr. by
chk. by:	chk. by
drawing no.	18-36F
sheet 6.1 of 10	



SIDELITE DETAILS

Sealed: 7/27/2023

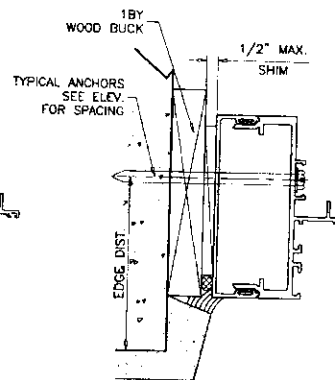
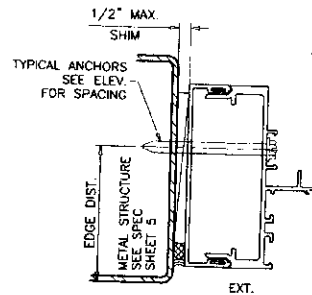
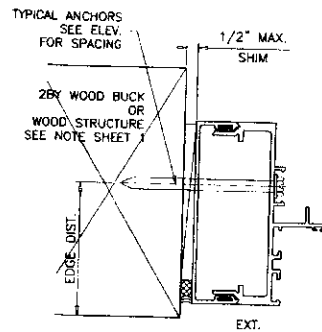
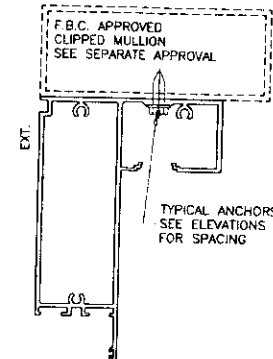
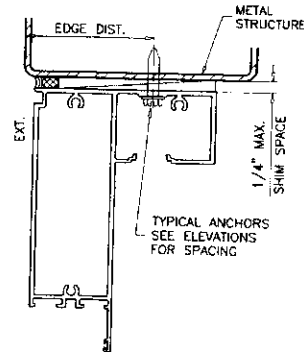
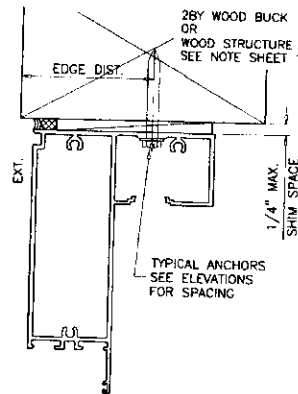
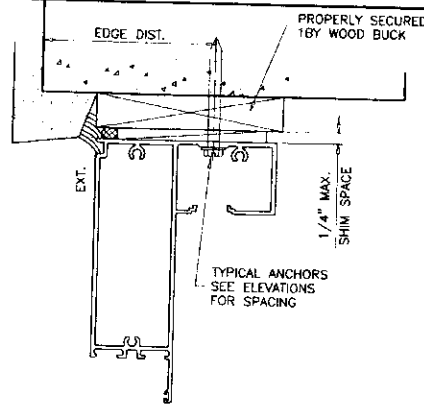


FL #26942

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9380 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-8978
C.A.N. #5387
COMP-ANL 18-36F-WG

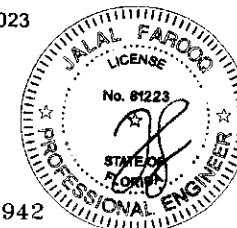
SERIES 3000 ALUMINUM OUTSLING DOOR (L.M.I.)
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL 33166
Tel. (305) 764-3963 Fax. (305) 470-8285

REVISIONS:	date	no	description
03-20-18	1	1	by description
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03-20-18	3/8" = 1"	by: TARG	
drawing no.	18-36F		
sheet	7 of 10		



SIDE/LITE DETAILS

Sealed: 7/27/2023



FL #26942

AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 TEL: (305) 284-8100 FAX: (305) 284-8978 C.A.N. 3538 COMP-ANL 18-36F-MG	
SERIES 3000 ALUMINUM OUTSWING DOOR (L.M.I.) MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC 8051 N.W. 79th Place Madley, FL 33166 Tel: (305) 784-3963 Fax: (305) 470-8285	
date: 03-20-18 scale: 3/8" = 1" dr. by: JARO chn. by:	revisions: no. date by description 1 03-20-18 JARO
drawing no. 18-36F 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:

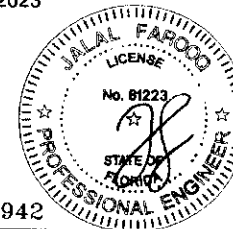
CONTINUOUS ALUMINUM GEARED HINGE FM-SLF BY 'PEMCO'
FASTENED TO FRAME AND LEAF WITH
(22) #12 X 1/2" FH SELF DRILLING SCREWS

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
25	#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

Sealed:7/27/2023



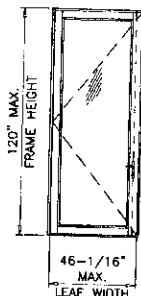
FL #26942

AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 TEL (305) 264-8100 FAX (305) 262-8978 COMP-ANL 18-361-WC	
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC 8051 N.W. 79th Place Medley, FL 33166 Tel: (305) 784-3963 Fax: (305) 470-8285	
SERIES 3000 ALUMINUM OUTSWING DOOR (L.M.I.)	
Revis: (1)	By: description
No	Date
date	05-20-18
scale	3/8" = 1"
dr. by	TARQ
chk. by	
drawing no.	18-36F
sheet	8 of 10

ACTIVE LEAF:

INACTIVE LEAF:

MAX. DESIGN LOAD = +80 PSF
-80 PSF

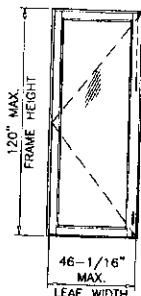


MAX. DESIGN LOAD = +65 PSF
-70 PSF

ACTIVE LEAF:

INACTIVE LEAF

MAX. DESIGN LOAD = +80 PSF
-80 PSF



MAX. DESIGN LOAD = +65 PSF
-70 PSF

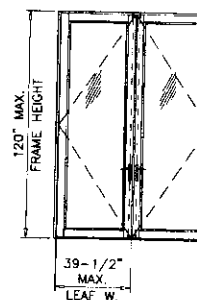
SURFACE MOUNT METALLIC HANDLES AT 42-1/2" FROM BOTTOM
FASTENED TO ACTIVE AND INACTIVE LEAF LOCK STILES WITH
(2) 1/4-20 X 1-13/16" CONE HEAD MS
(4) 1/4-20 X 5/16" SET SCREWS

ACTIVE LEAF:

INACTIVE LEAF:

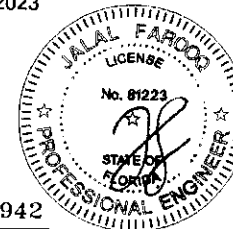
Diagram of a rectangular frame with dimensions and a diagonal brace. The vertical dimension is labeled "130-1/8\" MAX." and "FRAME HEIGHT". The horizontal dimension is labeled "57\" MAX." and "FRAME WIDTH". A dashed diagonal line runs from the top-left corner to the bottom-right corner, with a hatched area indicating the brace location.

MAX. DESIGN LOAD = +80 PSF
-80 PSF



MAX. DESIGN LOAD = +60 PSF
-60 PSF

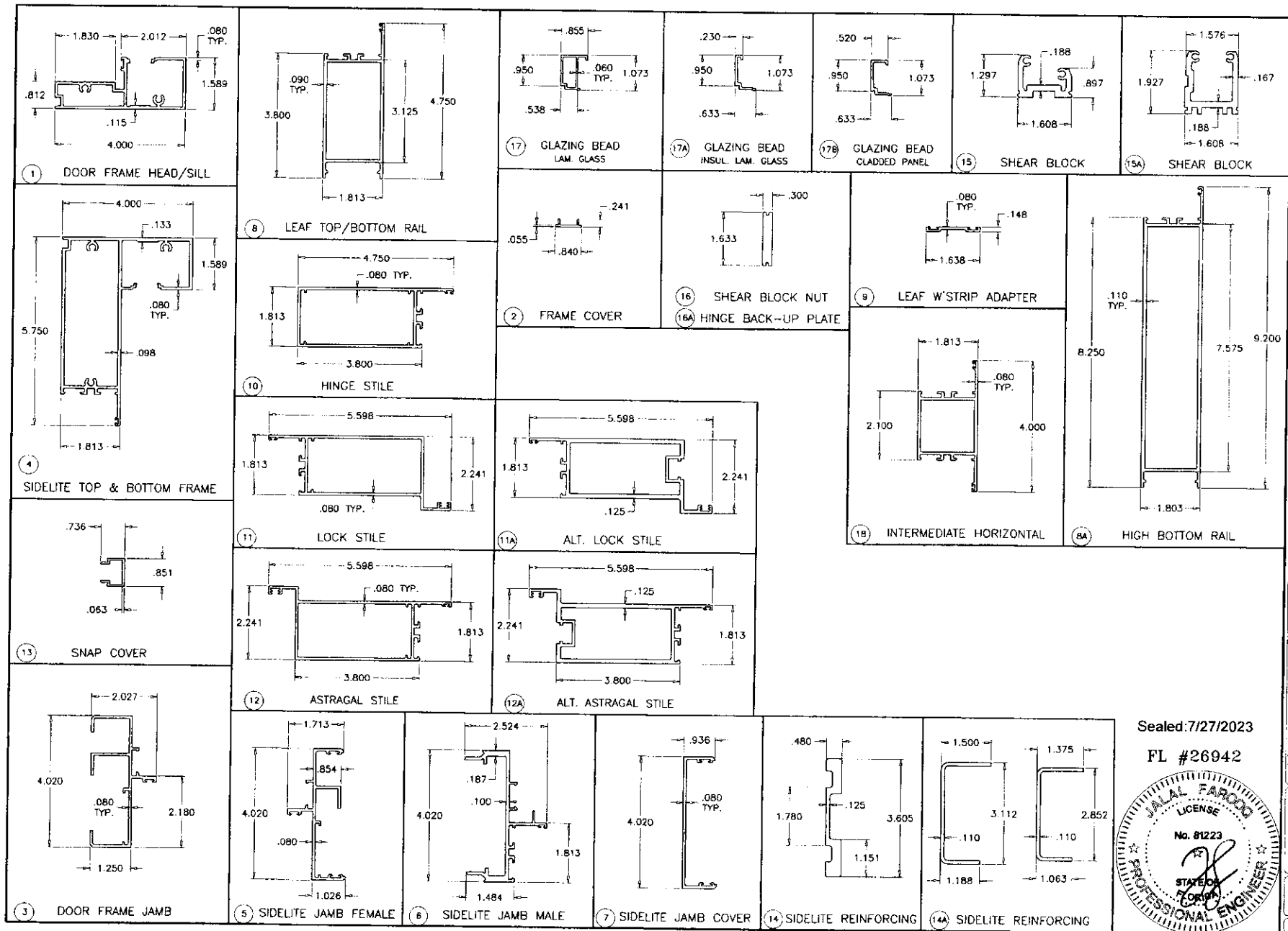
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FL #26942

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9380 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3558)
TEL (305) 284-8100 FAX (305) 282-9978

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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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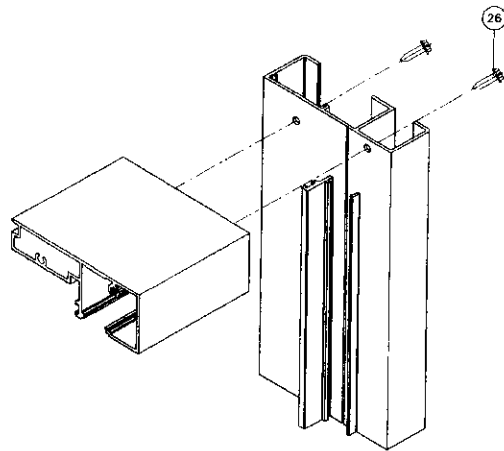
Revisions:

date	by	description
03-20-18	by	description

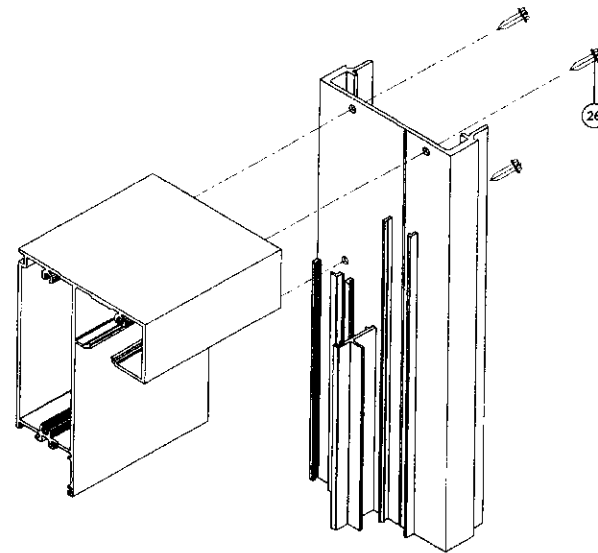
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 dr. by: JAF
 chg. by:

drawing no. 18-36F
 sheet 9 of 10

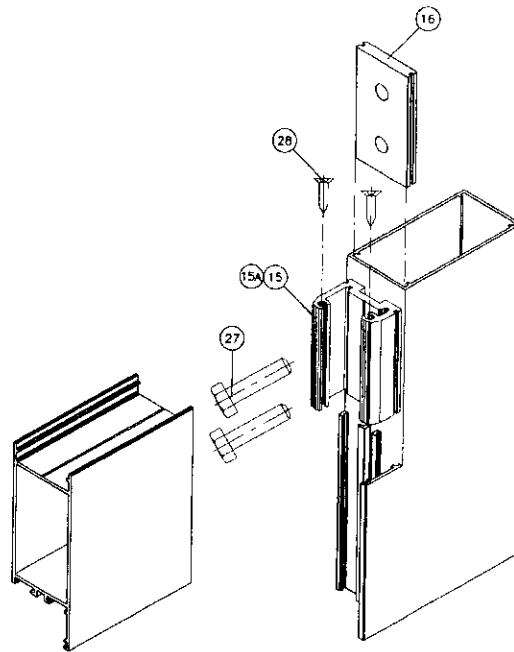
JALAL FAROOQ
 LICENSE
 No. 81223
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER



DOOR FRAME CORNER

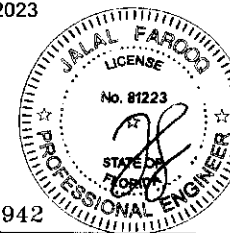


SIDELITE FRAME CORNER



LEAF CORNER

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FL #26942

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 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 8538)
 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:		
date	no.	description
03-20-18	1	1"
scale	3/8"	1"
drawn by	TAKO	
checked by		
drawing no.		
18-36F		
sheet 10 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:

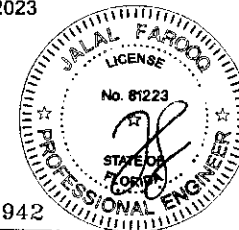
CONTINUOUS ALUMINUM GEARED HINGE FM-SLF BY 'PEMKO'
FASTENED TO FRAME AND LEAF WITH
(22) #12 X 1/2" FH SELF DRILLING SCREWS

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	-
11A	E3024	AS REQD.	ALT. LOCK STILE	6063-T6	-
12	E3004	AS REQD.	ASTRAGAL STILE	6063-T6	-
12A	E3023	AS REQD.	ALT. ASTRAGAL STILE	6063-T6	-
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	HHW 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	HHW SMS

Sealed:7/27/2023



FL #26942

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COMP-ANL 118-36F-MC

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chk. by:			
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sheet	8 of 10		