



Product Approval
USER: Public User

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

OFFICE OF THE
SECRETARY

FL # FL19092-R6
Application Type Revision
Code Version 2023
Application Status Approved

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
Sliding 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.
04/30/2035
Abel Carrasco, PE
☒ Validation Checklist - Hardcopy Received

Certificate of Independence

[FL19092_R6_COI_SS - Certificate of Independence 2023.pdf](#)

Referenced Standard and Year (of Standard)

Standard	Year
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

07/25/2023

Date Validated

07/26/2023

Date Pending FBC Approval

07/27/2023

Date Approved

10/17/2023

Summary of Products

FL #	Model, Number or Name	Description
19092.1	MG-1000 Aluminum Sliding Glass Door	Large missile impact resistant aluminum sliding glass door.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +120/-140 Other: See installation drawing W15-83 for span vs load combinations and installation details.		Installation Instructions FL19092_R6_II_SS - MG-1000 Alum SGD (LMI)-DWG W15-83 (2023).pdf Verified By: Jalal Farooq PE #81223 Created by Independent Third Party: Yes Evaluation Reports FL19092_R6_AE_SS - MG-1000 Alum SGD (LMI)-PAE 2023.pdf Created by Independent Third Party: Yes
19092.2	MG-1000 Aluminum Sliding Glass Door	Small missile impact resistant aluminum sliding glass door.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +120/-140 Other: See installation drawing W15-103 for span vs load combinations and installation details.		Installation Instructions FL19092_R6_II_SS - MG-1000 Alum SGD (SMI)-DWG W15-103 (2023).pdf Verified By: Jalal Farooq PE 81223 Created by Independent Third Party: Yes Evaluation Reports FL19092_R6_AE_SS - MG-1000 Alum SGD (SMI)-PAE 2023.pdf Created by Independent Third Party: Yes

[Back](#)

[Next](#)

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

The State of Florida is an AA/EEO employer. [Copyright 2007-2013 State of Florida](#). :: [Privacy Statement](#) :: [Accessibility Statement](#) :: [Refund Statement](#)

Under Florida law, email addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395. *Pursuant to Section 455.275(1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The emails provided may be used for official communication with the licensee. However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public. To determine if you are a licensee under Chapter 455, F.S., please click [here](#).

Product Approval Accepts:



SERIES MG-1000 (L.M.I.)

ALUMINUM SLIDING GLASS DOOR

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.

INSTRUCTIONS:

USE CHARTS AS FOLLOWS.

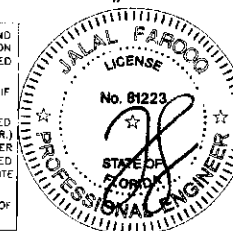
- STEP 1** DETERMINE DESIGN WIND LOAD REQUIREMENT BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.
- STEP 2** DETERMINE DOOR CAPACITY FROM TABLE ON SHEETS 5 & 6 FOR THE GLASS TYPE USED.
- STEP 3** USING CHARTS ON SHEET 7 SELECT HEAD ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
- STEP 4** THE LOWEST VALUE RESULTING FROM STEPS 2 AND 3 SHALL APPLY TO ENTIRE SYSTEM.
- STEP 5** FOR DOORS WITH UNANCHORED JAMBS, USING SHEET 12 DETERMINE MIN. AND MAX. GAP DIMENSIONS.

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

Sealed: 7/24/2023

FL #19092

- 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.

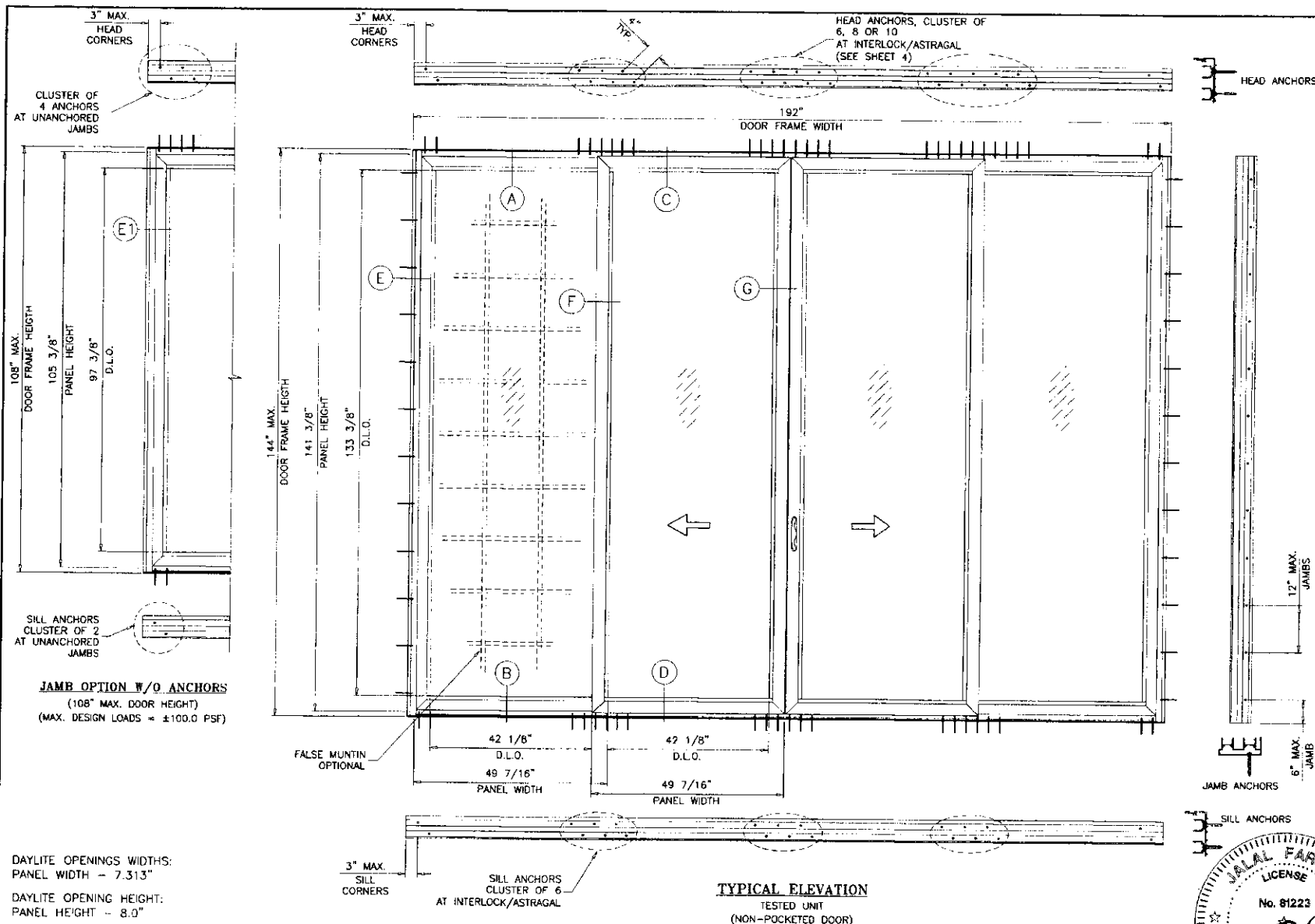


af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL (305) 264-8100 FAX (305) 262-8978
COMP-ANL W15-B3MG

MG-1000 ALUM SLIDING GLASS 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
	C	01/19/18		UPDATED TO 2017 FBC
	D	01/21/21		GENERAL REVISION
	E	01/13/23		NEW TEST ADDED
	F	07/21/23		UPDATED TO 2023 FBC

date: 10-28-15
scale: 3/8" = 1"
dr. by: TARIQ
c.n. by:
drawing no.
W15-83
sheet 1 of 17



DAYLITE OPENINGS WIDTHS:
 PANEL WIDTH - 7.313"

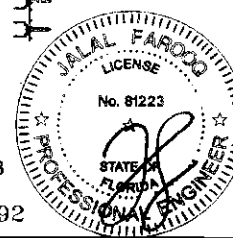
DAYLITE OPENING HEIGHT:
 PANEL HEIGHT - 8.0"

PANEL HEIGHT = DOOR FRAME HEIGHT - 2.625"

MAX. FRAME AREA OF S.G.D. SHALL NOT EXCEED FRAME AND PANEL AREA OF TESTED UNIT PER FBC REQUIREMENTS.

Sealed: 7/24/2023

FL #19092



af c

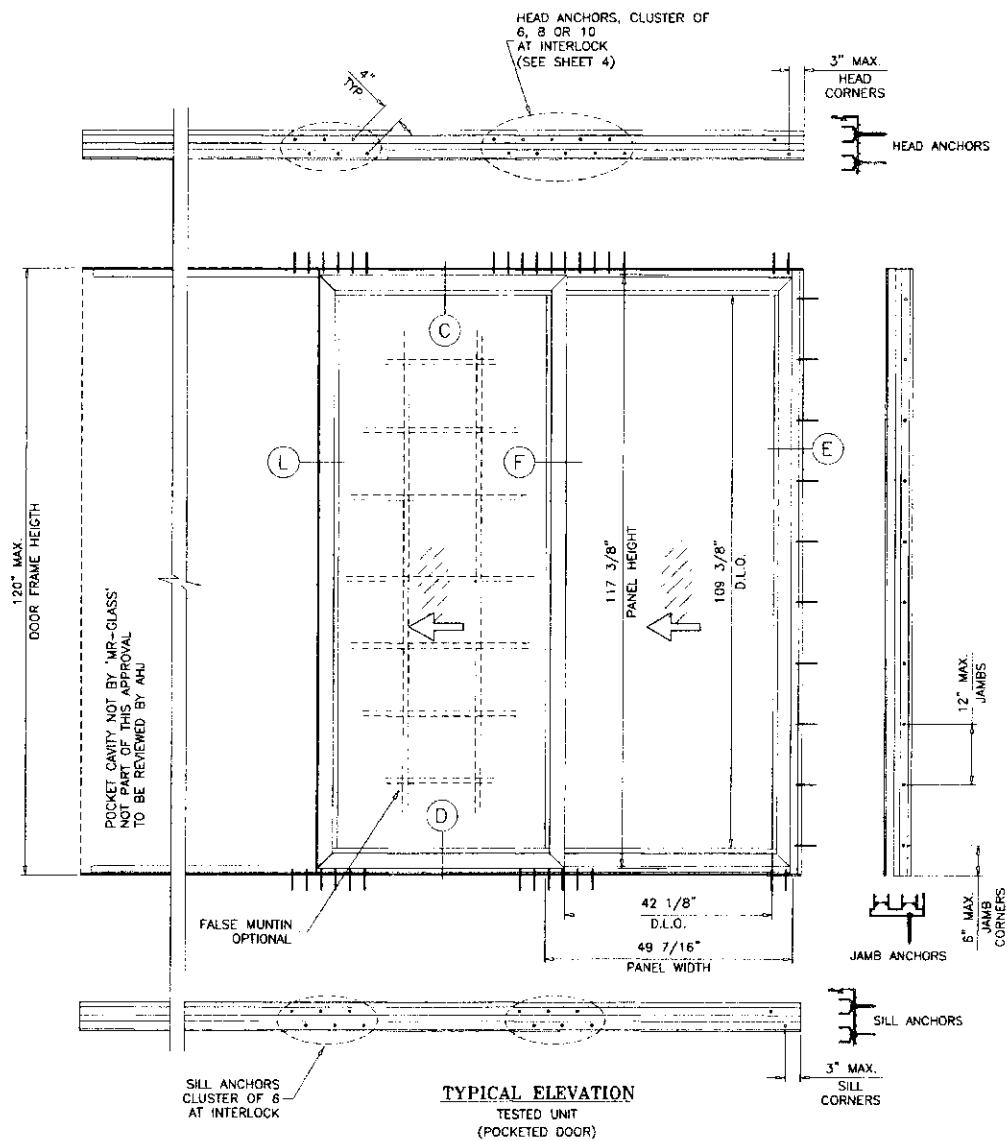
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3538)
 TEL: (305) 264-8100 FAX: (305) 262-9978
 COMP-ANL W15-B3MG

MG-1000 ALUM SLIDING GLASS 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
10-28-15	1	10-28-15	TARIQ	1/2" = 1'-0"

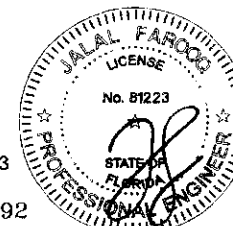
date: 10-28-15
 scale: 1/2" = 1'-0"
 dr. by: TARIQ
 ckr. by:

drawing no. **W15-83**
 sheet 2 of 17

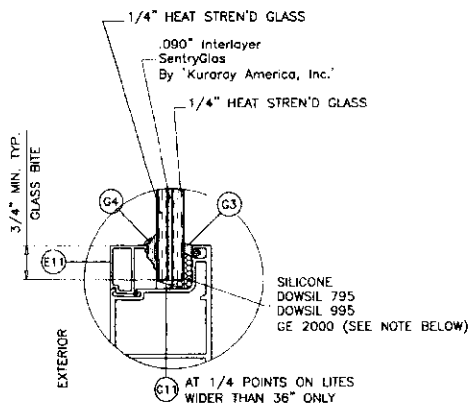


Sealed: 7/24/2023

FL #19092

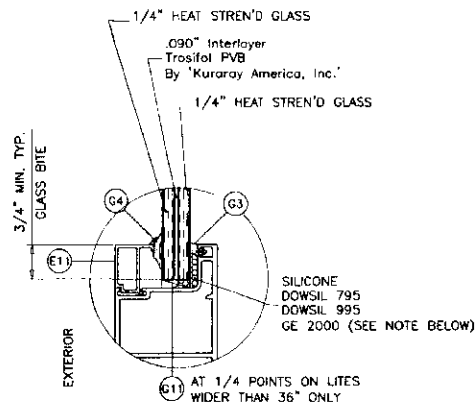


AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33179 TEL. (305) 264-8100 FAX. (305) 262-6978 COMP-ANI\W15-83MG	
MG-1000 ALUM SLIDING GLASS DOOR (L.M.I.) WP-GLASS DOORS & WINDOWS MANUFACTURING, LLC 8051 N.W. 79th Place Medley, FL 33166 Tel. (305) 784-3963 Fax. (305) 470-8285	
REVISIONS no. date by description	date: 10-28-15 scale: 1/2"=1'-0" dr. by: TARIO ch. by:
drawing no. W15-83	
sheet 3 of 17	



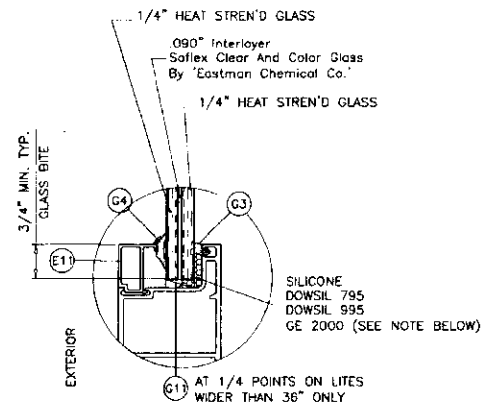
GLASS TYPE 'A'

9/16" OVERALL LAMINATED GLASS



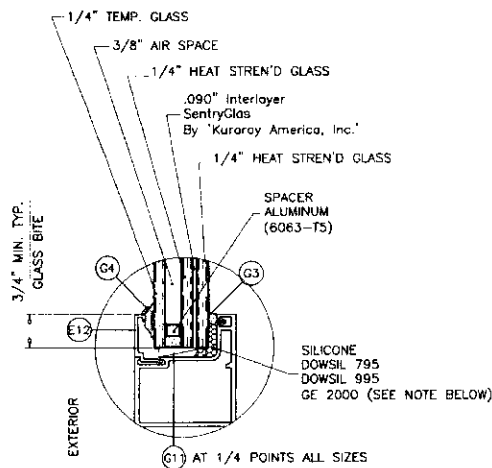
GLASS TYPE 'B'

9/16" OVERALL LAMINATED GLASS



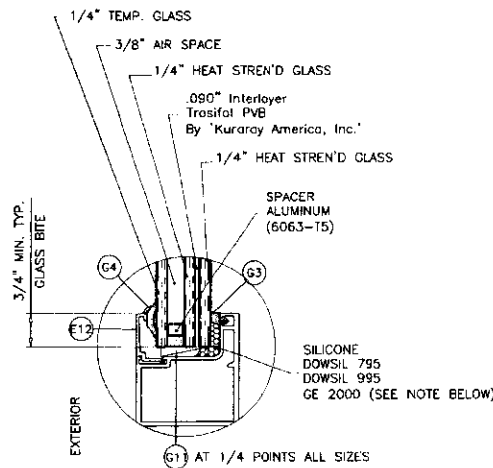
GLASS TYPE 'C'

9/16" OVERALL LAMINATED GLASS



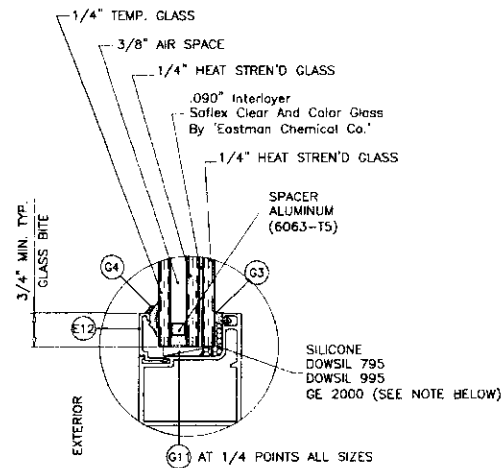
GLASS TYPE 'AI'

1-3/16" OVERALL INSUL. LAM. GLASS



GLASS TYPE 'BI'

1-3/16" OVERALL INSUL. LAM. GLASS



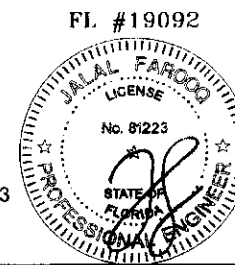
GLASS TYPE 'CI'

1-3/16" OVERALL INSUL. LAM. GLASS

GLAZING OPTIONS

NOTE:
FOR GE 2000 SILICONE
LIMIT MAX. DESIGN LOADS TO ± 60 PSF

Sealed: 7/24/2023

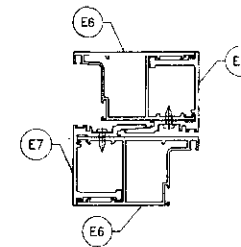


AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 (C.A.N. 3338) TEL (305) 264-8100 FAX (305) 262-8978 COMP-ANL W15-83MG			
MG-1000 ALUM SLIDING GLASS DOOR (L.M.I.) MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC 8031 N.W. 79th Place Medley, FL 33166 Tel (305) 764-3963 Fax (305) 470-8285			
REVISIONS: NO. DATE BY DESCRIPTION	10-28-15 SCALE: 3/8" = 1" DR. BY: TARIQ CHK. BY:		
drawing no. W15-83 sheet 4 of 17			

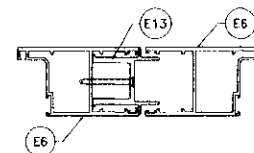
DESIGN LOAD CAPACITY - PSF															
AVERAGE PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	JAMBS W/O ANCHORS						JAMBS WITH ANCHORS							
		STD. INTERLOCK STD. ASTRAGAL						STD. INTERLOCK STD. ASTRAGAL						STD. INTERLOCK REINF. ASTRAGAL	
		GLASS TYPES 'A' & 'A1'		GLASS TYPES 'B' & 'B1'		GLASS TYPES 'C' & 'C1'		GLASS TYPES 'A' & 'A1'		GLASS TYPES 'B' & 'B1'		GLASS TYPES 'C' & 'C1'			
		EXT.(+)	INT.(−)	EXT.(+)	INT.(−)	EXT.(+)	INT.(−)	EXT.(+)	INT.(−)	EXT.(+)	INT.(−)	EXT.(+)	INT.(−)	EXT.(+)	INT.(−)
30	62-7/8	100.0	100.0	80.0	80.0	80.0	80.0	100.0	100.0	80.0	80.0	80.0	80.0	120.0	140.0
36		100.0	100.0	80.0	80.0	80.0	80.0	100.0	100.0	80.0	80.0	80.0	80.0	120.0	140.0
42		100.0	100.0	80.0	80.0	80.0	80.0	100.0	100.0	80.0	80.0	80.0	80.0	120.0	140.0
48		100.0	100.0	80.0	80.0	80.0	80.0	100.0	100.0	80.0	80.0	80.0	80.0	120.0	140.0
54		88.9	88.9	71.1	71.1	71.1	71.1	88.9	88.9	80.0	80.0	80.0	80.0	106.7	124.4
60		80.0	80.0	60.0	60.0	—	—	80.0	80.0	60.0	60.0	—	—	96.0	112.0
30	84	100.0	100.0	80.0	80.0	80.0	80.0	100.0	100.0	80.0	80.0	80.0	80.0	120.0	140.0
36		100.0	100.0	80.0	80.0	80.0	80.0	100.0	100.0	80.0	80.0	80.0	80.0	120.0	140.0
42		100.0	100.0	80.0	80.0	80.0	80.0	100.0	100.0	80.0	80.0	80.0	80.0	120.0	140.0
48		100.0	100.0	80.0	80.0	80.0	80.0	100.0	100.0	80.0	80.0	80.0	80.0	120.0	140.0
54		88.9	88.9	71.1	71.1	71.1	71.1	88.9	88.9	80.0	80.0	80.0	80.0	106.7	124.4
60		80.0	80.0	60.0	60.0	—	—	80.0	80.0	60.0	60.0	—	—	96.0	112.0
30	90	100.0	100.0	80.0	80.0	80.0	80.0	100.0	100.0	80.0	80.0	80.0	80.0	120.0	140.0
36		100.0	100.0	80.0	80.0	80.0	80.0	100.0	100.0	80.0	80.0	80.0	80.0	120.0	140.0
42		100.0	100.0	80.0	80.0	80.0	80.0	100.0	100.0	80.0	80.0	80.0	80.0	120.0	140.0
48		100.0	100.0	80.0	80.0	80.0	80.0	100.0	100.0	80.0	80.0	80.0	80.0	120.0	140.0
54		88.9	88.9	60.0	60.0	—	—	88.9	88.9	60.0	60.0	—	—	106.7	124.4
60		—	—	60.0	60.0	—	—	—	—	60.0	60.0	—	—	96.0	112.0
30	96	100.0	100.0	80.0	80.0	80.0	80.0	100.0	100.0	80.0	80.0	80.0	80.0	120.0	140.0
36		100.0	100.0	80.0	80.0	80.0	80.0	100.0	100.0	80.0	80.0	80.0	80.0	120.0	140.0
42		100.0	100.0	80.0	80.0	80.0	80.0	100.0	100.0	80.0	80.0	80.0	80.0	120.0	140.0
48		100.0	100.0	80.0	80.0	80.0	80.0	100.0	100.0	80.0	80.0	80.0	80.0	120.0	140.0
54		88.9	88.9	60.0	60.0	—	—	88.9	88.9	60.0	60.0	—	—	106.7	124.4
60		—	—	60.0	60.0	—	—	—	—	60.0	60.0	—	—	96.0	112.0
30	102	100.0	100.0	60.0	60.0	—	—	100.0	100.0	60.0	60.0	—	—	120.0	140.0
36		100.0	100.0	60.0	60.0	—	—	100.0	100.0	60.0	60.0	—	—	120.0	140.0
42		100.0	100.0	60.0	60.0	—	—	100.0	100.0	60.0	60.0	—	—	120.0	140.0
48		100.0	100.0	60.0	60.0	—	—	100.0	100.0	60.0	60.0	—	—	120.0	140.0
50		—	—	60.0	60.0	—	—	—	—	60.0	60.0	—	—	115.2	134.4
52		—	—	60.0	60.0	—	—	—	—	60.0	60.0	—	—	110.8	129.2
54	108	—	—	60.0	60.0	—	—	—	—	60.0	60.0	—	—	106.7	124.4
56		—	—	60.0	60.0	—	—	—	—	60.0	60.0	—	—	102.9	120.0
30	108	100.0	100.0	60.0	60.0	—	—	100.0	100.0	60.0	60.0	—	—	120.0	140.0
36		100.0	100.0	60.0	60.0	—	—	100.0	100.0	60.0	60.0	—	—	120.0	140.0
42		100.0	100.0	60.0	60.0	—	—	100.0	100.0	60.0	60.0	—	—	120.0	140.0
48		100.0	100.0	60.0	60.0	—	—	100.0	100.0	60.0	60.0	—	—	120.0	140.0
50		—	—	60.0	60.0	—	—	—	—	60.0	60.0	—	—	115.2	134.4
52		—	—	60.0	60.0	—	—	—	—	60.0	60.0	—	—	110.8	129.2
30	114	—	—	60.0	60.0	—	—	—	—	60.0	60.0	—	—	120.0	140.0
36		—	—	60.0	60.0	—	—	—	—	60.0	60.0	—	—	120.0	140.0
42		—	—	60.0	60.0	—	—	—	—	60.0	60.0	—	—	120.0	140.0
48		—	—	60.0	60.0	—	—	—	—	60.0	60.0	—	—	120.0	140.0
50		—	—	60.0	60.0	—	—	—	—	60.0	60.0	—	—	115.2	134.4
52		—	—	60.0	60.0	—	—	—	—	60.0	60.0	—	—	110.8	129.2
30	120	—	—	60.0	60.0	—	—	—	—	60.0	60.0	—	—	120.0	140.0
36		—	—	60.0	60.0	—	—	—	—	60.0	60.0	—	—	120.0	140.0
42		—	—	60.0	60.0	—	—	—	—	60.0	60.0	—	—	120.0	140.0
48		—	—	60.0	60.0	—	—	—	—	60.0	60.0	—	—	120.0	140.0
50		—	—	60.0	60.0	—	—	—	—	60.0	60.0	—	—	115.2	134.4
52		—	—	60.0	60.0	—	—	—	—	60.0	60.0	—	—	110.8	129.2

EXTERIOR(+) LOADS SHOWN IN CHART ABOVE ARE FOR ALL DOOR CONFIGURATIONS EXCEPT TWO PANEL (XX) DOORS. SEE SHEET 10 FOR TWO PANEL (XX) DOOR LIMITATIONS.

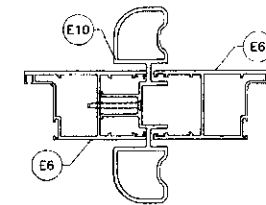
AVERAGE PANEL WIDTH = DOOR FRAME WIDTH
NUMBER OF PANELS



STD. INTERLOCK



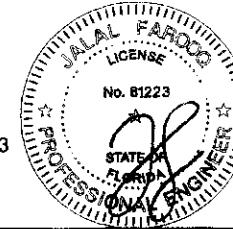
STD. ASTRAGAL



REINF. ASTRAGAL

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

FL #19092



Sealed: 7/24/2023

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL: (305) 264-8100 FAX: (305) 262-8978
COMP. AND W/15-BJMG

MC-1000 ALUM. SLIDING GLASS DOOR (L.M.I.)

MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL 33166
Tel: (305) 764-3963 Fax: (305) 470-9285

Revisions:
no. date by description

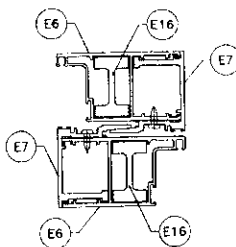
code: 10-28-15
scale: 3/8" = 1"
dr. by: TARC
chk. by:

drawing no.
W15-83

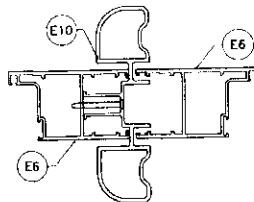
sheet 5 of 17

DESIGN LOAD CAPACITY - PSF			
AVERAGE PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	JAMBS WITH ANCHORS	
		REINF. INTERLOCK REINF. ASTRAGAL	
		GLASS TYPES 'A' & 'A1'	
		EXT. (+)	INT. (-)
72	96	65.0	75.0
67	102	65.0	75.0
70		65.0	70.0
64	108	65.0	75.0
66		65.0	70.0
54	114	65.0	75.0
60		65.0	75.0
54	120	65.0	75.0
60		65.0	75.0
30		65.0	75.0
36	132	65.0	75.0
42		65.0	75.0
48		65.0	75.0
30	144	65.0	75.0
36		65.0	75.0
42		65.0	75.0
48		65.0	75.0

AVERAGE PANEL WIDTH = DOOR FRAME WIDTH
NUMBER OF PANELS



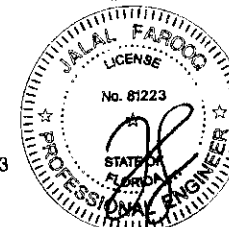
REINF. INTERLOCK



REINF. ASTRAGAL

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

FL #19092

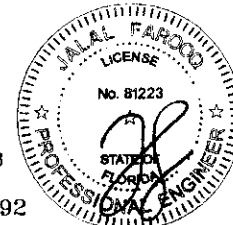


Sealed: 7/24/2023

AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 TEL (305) 264-8100 FAX (305) 262-6978 COMP-ANI W15-83MG	
MC-1000 ALUM SLIDING GLASS 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: 10-28-15 scale: 3/8" = 1" dr. by: TARIQ chg. by:
drawing no. W15-83 sheet 6 of 17	

HEAD ANCHOR LOAD CAPACITY - PSP													
SHIM SPACE		1/2" MAX. SHIM				3/8" MAX. SHIM				1/4" MAX. SHIM			
ANCHOR TYPE		ANCHOR TYPES 'A', 'B' & 'C'				ANCHOR TYPE 'A'				ANCHORS 'B' & 'C'			
PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	6 ANCHORS AT MTG. STILE ENDS		8 ANCHORS AT MTG. STILE ENDS		10 ANCHORS AT MTG. STILE ENDS		8 ANCHORS AT MTG. STILE ENDS		8 ANCHORS AT MTG. STILE ENDS		8 ANCHORS AT MTG. STILE ENDS	
		EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
30	82-7/8	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
36		140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
42		140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
48		128.6	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
54		114.3	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4
60		102.9	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0
30	84	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
36		140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
42		140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
48		126.9	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
54		112.8	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4
60		101.5	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0
30	90	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
36		140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
42		135.3	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
48		118.4	140.0	140.0	136.8	140.0	140.0	140.0	136.8	140.0	140.0	140.0	140.0
54		105.2	124.4	124.4	121.5	124.4	124.4	124.4	121.5	124.4	124.4	124.4	124.4
60		94.7	112.0	112.0	109.4	112.0	112.0	112.0	109.4	112.0	112.0	112.0	112.0
30	96	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
36		140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
42		126.9	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
48		111.0	140.0	140.0	128.3	140.0	139.4	140.0	128.3	140.0	140.0	140.0	140.0
54		98.7	124.4	124.4	114.0	124.4	123.9	124.4	114.0	124.4	124.4	124.4	124.4
60		88.8	112.0	112.0	102.6	112.0	111.5	112.0	102.6	112.0	112.0	112.0	112.0
72	102	74.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
30		140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
36		139.3	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
42		119.4	140.0	140.0	137.9	140.0	140.0	140.0	137.9	140.0	140.0	140.0	140.0
48		104.5	139.3	140.0	120.7	140.0	131.2	140.0	120.7	140.0	140.0	140.0	140.0
50		100.3	133.7	134.4	115.9	134.4	125.9	134.4	115.9	134.4	134.4	134.4	134.4
52	108	96.4	128.6	129.2	111.4	129.2	121.1	129.2	111.4	129.2	129.2	129.2	129.2
54		92.9	123.8	124.4	107.3	124.4	116.6	124.4	107.3	124.4	124.4	124.4	124.4
56		89.5	119.4	120.0	103.5	120.0	112.4	120.0	103.5	120.0	120.0	120.0	120.0
60		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
66		71.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
70		71.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
30	108	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
36		131.6	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
42		112.8	140.0	140.0	130.3	140.0	140.0	140.0	130.3	140.0	140.0	140.0	140.0
48		98.7	131.6	140.0	114.0	140.0	123.9	140.0	114.0	140.0	140.0	140.0	140.0
50		94.7	126.3	134.4	109.4	134.4	118.9	134.4	109.4	134.4	134.4	134.4	134.4
52		91.1	121.4	129.2	105.2	129.2	114.3	129.2	105.2	129.2	129.2	129.2	129.2
54	114	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
56		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
60		71.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
66		140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
70		124.6	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
72		106.8	140.0	140.0	123.4	140.0	134.1	140.0	123.4	140.0	140.0	140.0	140.0
74	114	93.5	124.6	140.0	108.0	140.0	117.3	140.0	108.0	140.0	140.0	140.0	140.0
76		89.7	119.8	134.4	103.7	134.4	112.7	134.4	103.7	134.4	134.4	134.4	134.4
78		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
80		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
82		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
84		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0

HEAD ANCHOR LOAD CAPACITY - PSP													
SHIM SPACE		1/2" MAX. SHIM				3/8" MAX. SHIM				1/4" MAX. SHIM			
ANCHOR TYPE		ANCHOR TYPES 'A', 'B' & 'C'				ANCHOR TYPE 'A'				ANCHORS 'B' & 'C'			
PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	6 ANCHORS AT MTG. STILE ENDS		8 ANCHORS AT MTG. STILE ENDS		10 ANCHORS AT MTG. STILE ENDS		8 ANCHORS AT MTG. STILE ENDS		8 ANCHORS AT MTG. STILE ENDS		8 ANCHORS AT MTG. STILE ENDS	
		EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
30	120	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
36		118.4	140.0	140.0	136.8	140.0	140.0	140.0	140.0	136.8	140.0	140.0	140.0
42		101.5	135.3	140.0	117.3	140.0	140.0	127.4	140.0	117.3	140.0	140.0	140.0
48		88.8	118.4	140.0	102.6	136.8	140.0	111.5	140.0	102.6	136.8	140.0	140.0
54		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
60		71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
30	132	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
36		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
42		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
48		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
54		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
60		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
30	144	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
36		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
42		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
48		74.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
54		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
60		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0



Sealed: 7/24/2023

FL #19092

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

MC-1000 ALUM SLIDING GLASS DOOR (L.M.I.)

MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC

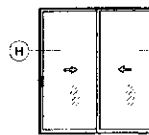
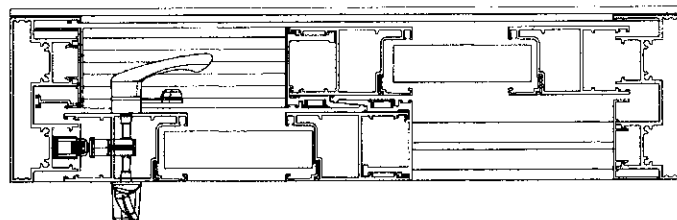
8051 N.W. 79th Place

Medley, FL 33166

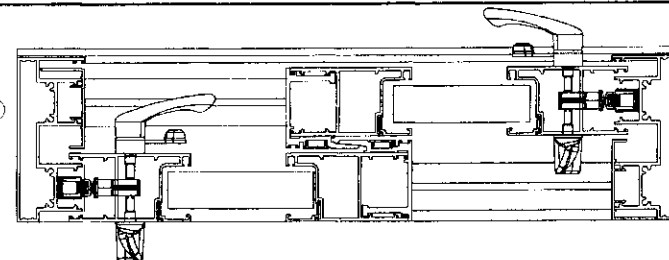
Tel



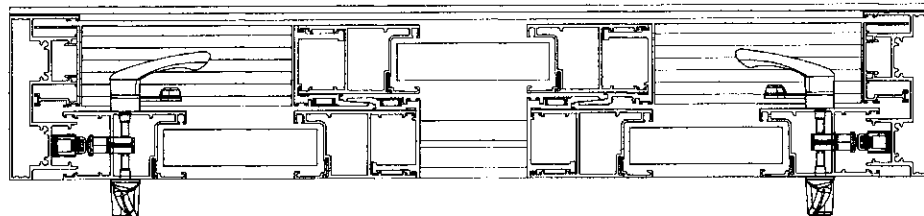
XO (SHOWN)
OX



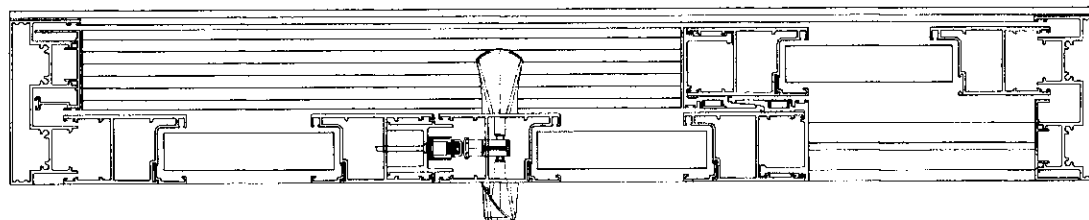
XX (SHOWN)



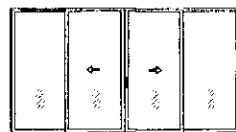
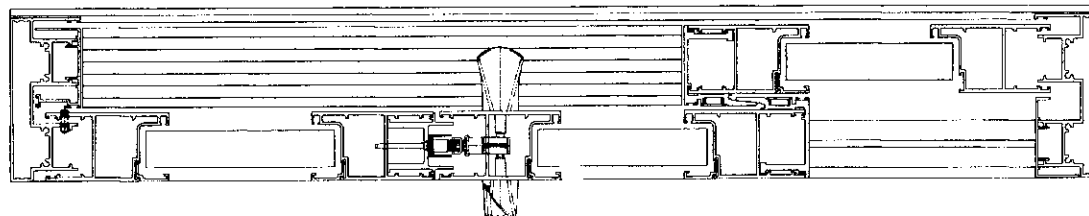
XOX (SHOWN)



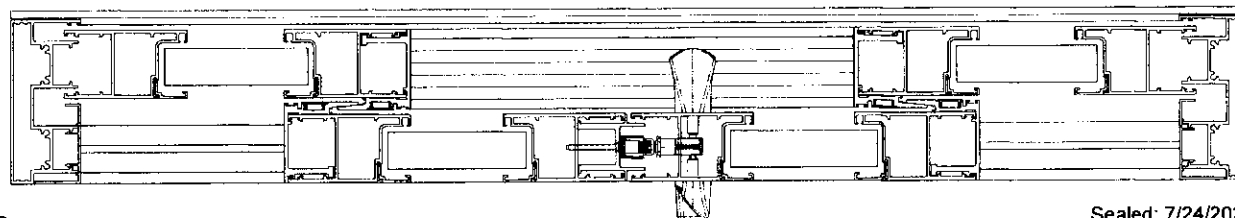
XXO (SHOWN)



OXO (SHOWN)



OXXO (SHOWN)

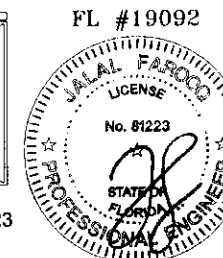


APPROVED CONFIGURATIONS
NON-POCKETED DOORS

NOTE:

1. CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSES ONLY.
2. FOR APPLICABLE DESIGN PRESSURES SEE INSTRUCTIONS IN SHEET 1.
3. FOR ANCHOR DETAILS SEE SHEETS 10 THRU 14.

Sealed: 7/24/2023



a f c

AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL (305) 264-8100 FAX (305) 262-9978
 (C.A.N. 3538)

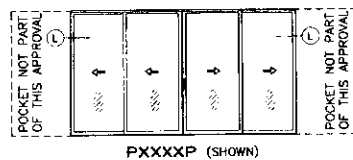
MC-1000 ALUM. SLIDING GLASS DOOR (L.M.I.)
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
 8051 N.W. 79th Place
 Medley, FL 33166
 Tel. (305) 764-3963 Fax (305) 470-8285

revisions:	no.	date	by	description

date	10-28-15
scale	-
dr. by	TABO
chk. by	

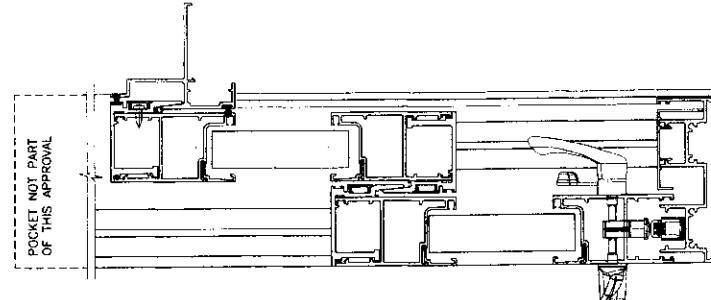
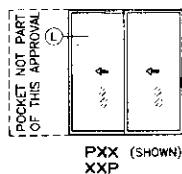
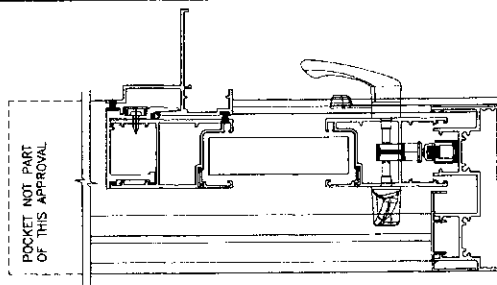
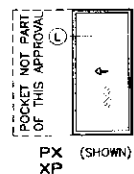
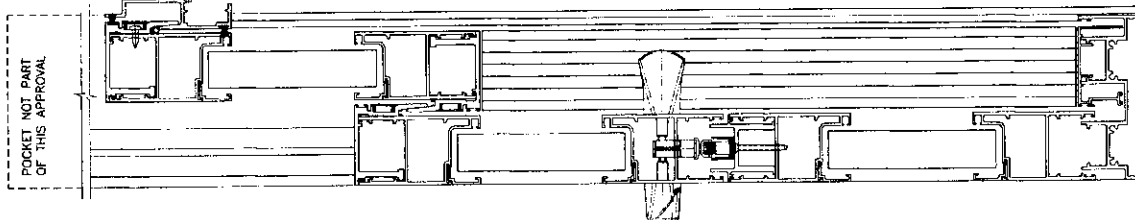
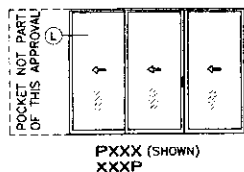
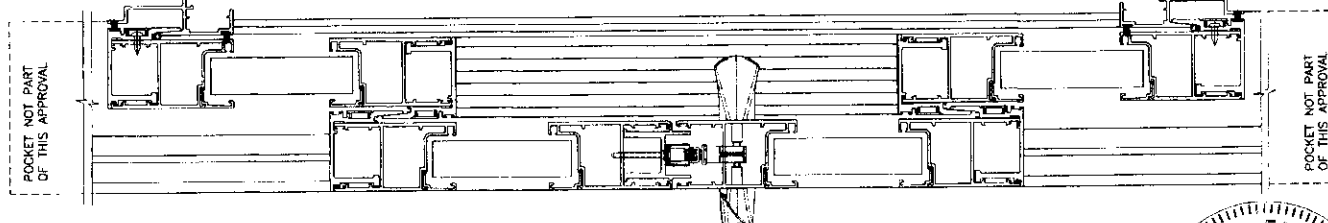
drawing no.
W15-83
 sheet 8 of 17

COMP-ANL W15-83MC

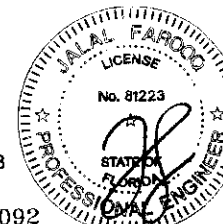


APPROVED CONFIGURATIONS
POCKETED DOORS

LIMIT MAX. DOOR HEIGHT TO 120" FOR DOORS WITH POCKETS



- NOTE:
1. CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSES ONLY.
 2. FOR APPLICABLE DESIGN PRESSURES SEE INSTRUCTIONS IN SHEET 1.
 3. FOR ANCHOR DETAILS SEE SHEETS 10 THRU 14.



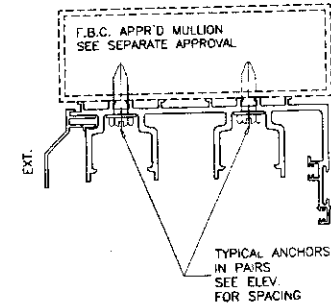
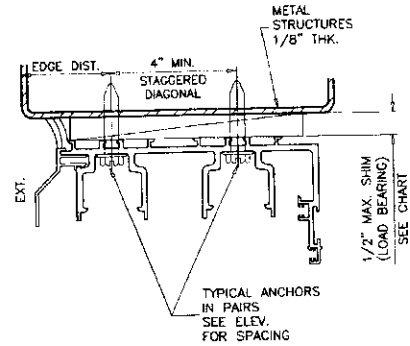
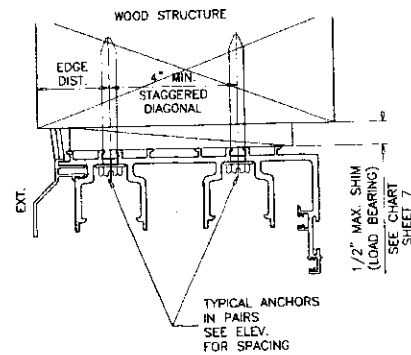
Sealed: 7/24/2023

FL #19092

drawing no.
W15-83
sheet 9 of 17

MG-1000 ALUM SLIDING GLASS 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

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL (305) 264-8100 FAX (305) 262-8978
C.A.N. 3538
COMP-ANL W15-83MG



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

- TYPE 'A'— 5/16" DIA. ULTRACON BY 'DEWALT' ($F_u=177$ KSI, $F_y=155$ KSI)
INTO WOOD STRUCTURES
2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)
THRU 1BY OR 2BY BUCKS INTO CONC. OR BLOCKS
1-1/4" MIN. EMBED INTO CONCRETE (HEAD)
1-1/4" MIN. EMBED INTO CONC. OR BLOCKS (JAMBS)
DIRECTLY INTO CONC. OR BLOCKS
2" MIN. EMBED INTO CONCRETE (JAMBS)
2" MIN. EMBED INTO GROUT-FILLED BLOCKS (JAMBS)
- TYPE 'B'— 5/16" DIA. ULTRACON BY 'DEWALT' ($F_u=177$ KSI, $F_y=155$ KSI)
DIRECTLY INTO CONCRETE
2" MIN. EMBED (HEAD/SILL)
- TYPE 'C'— 5/16" DIA. TEKS 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. ($F_y = 36$ KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

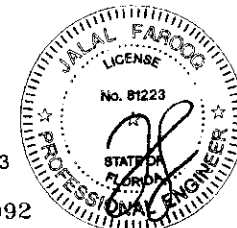
TYPICAL EDGE DISTANCE

INTO CONCRETE AT HEAD/SILL = 2-3/16" MIN.
INTO CONCRETE AND BLOCKS AT JAMBS = 2-1/2" MIN.
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD 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: 7/24/2023

FL #19092



af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL (305) 264-8100 FAX (305) 262-8978
COMP-ANI\W15-83MG

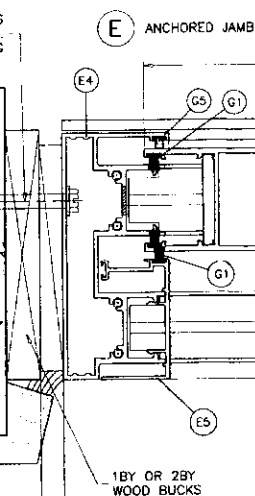
MG-1000 ALUM SLIDING GLASS DOOR (L.M.I.)
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL 33166
Tel. (305) 784-3953 Fax. (305) 470-8285

Revisions:	no.	date	by	description

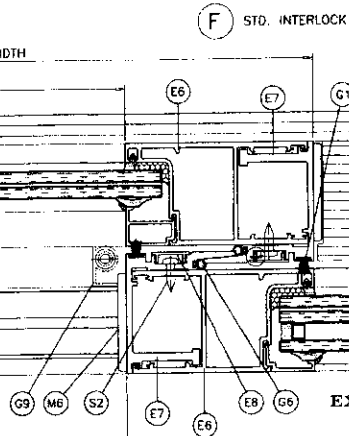
date:	10-28-15
scale:	3/8" = 1"
dr. by:	TARO
chk. by:	

drawing no.
W15-83
sheet 11 of 17

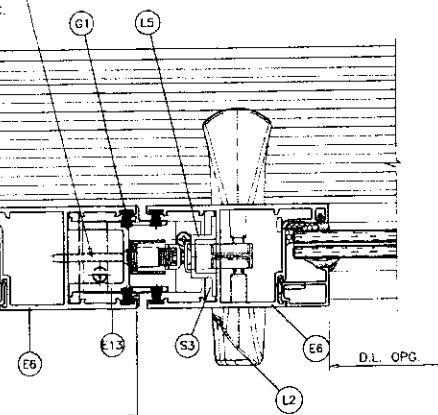
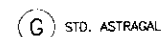
Diagram illustrating the edge distance and load bearing shims for a concrete or masonry wall. The diagram shows a cross-section of the wall with a vertical line indicating the edge distance. The text "EDGE DIST." is written vertically along this line. Below the wall section, the text "CONCRETE OR MASONRY" is written. At the bottom, the text "1/2\" MAX. LOAD BEARING SHIMS" is written.



FIX. PANEL WIDTH

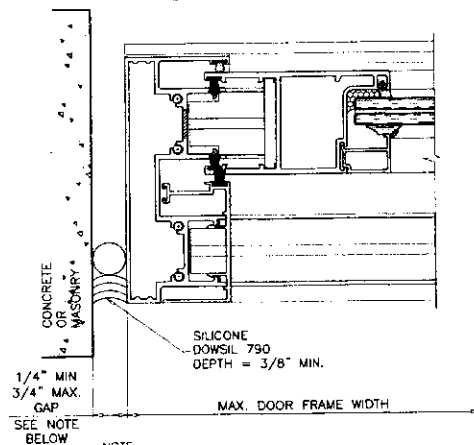


#14 X 2-7/8" FH SDS
AT 5" FROM ENDS
AND 11" O.C.



PANEL WIDTH

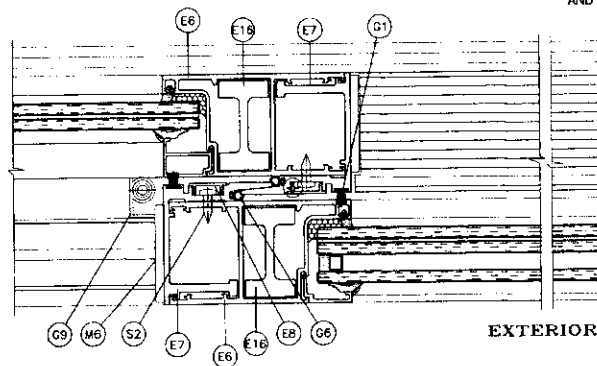
MAX. DOOR FRAME WIDTH



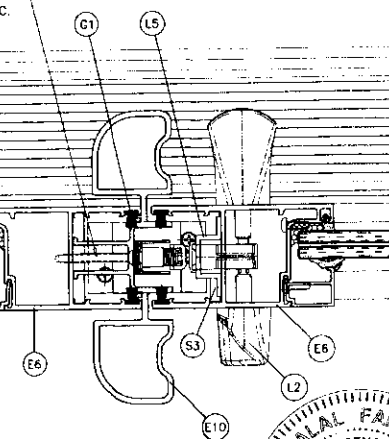
NOTE:
MAX. MOVEMENT CONSIDERED=100% STRETCH.
PLEASE REFER TO SEALANT MANUFACTURER'S DATA AND APPLICATION
MANUAL FOR COMPATABILITY OF SEALANT TO SUBSTRATE & WINDOWALL
MATERIAL/FINISH AND COMPLIANCE FOR WARRANTY.
REFER TO ACI-117-10 FOR CONSTRUCTION TOLERANCES.

ALTERNATE SEALANTS AT JAMB CAPS CAN BE DESIGNED BY
ENGINEER OF RECORD BASED ON MANUFACTURER GUIDE LINES.

GAPS LESS THAN 1/4" MAY BE DESIGNED BY ENGINEER OF RECORD BY
THE USE OF BOND BREAKER TAPE OR 15% OF GAP ALLOWED MOVEMENT.



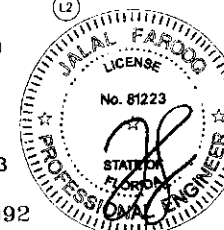
#14 X 2-7/8" FH SDS
AT 5" FROM ENDS
AND 1" O.C.



EXTERIOR

Sealed: 7/24/2023

FL #19092



MG-1000 ALUM. SLIDING GLASS DOOR (L.M.I.)
 ALUM.-GLASS DOORS & WINDOWS MANUFACTURING, LLC
 8051 N.W. 79th Place
 Medley, FL 33166
 Tel. (305) 764-3963 Fax. (305) 470-8285

MC-1000 ALUM SLIDING GLASS DOOR (1 MI)

MG-1000 ALUM SLIDING GLASS DOOR (L.M.C.)
MIR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
 8051 N.W. 79th Place

8001 R.W. 7th Place
Medley, FL. 33166

Medley, FL 32108
Tel. (305) 764-3963
Fax. (305) 470-8285

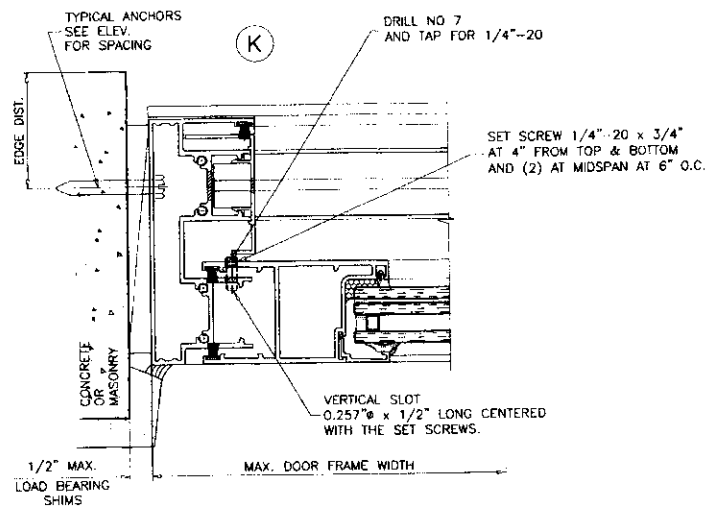
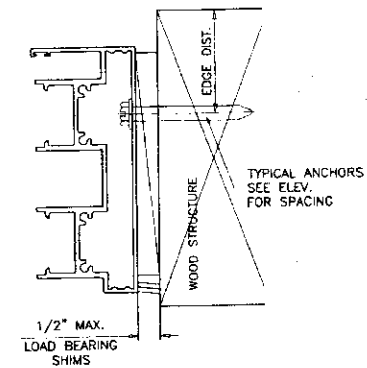
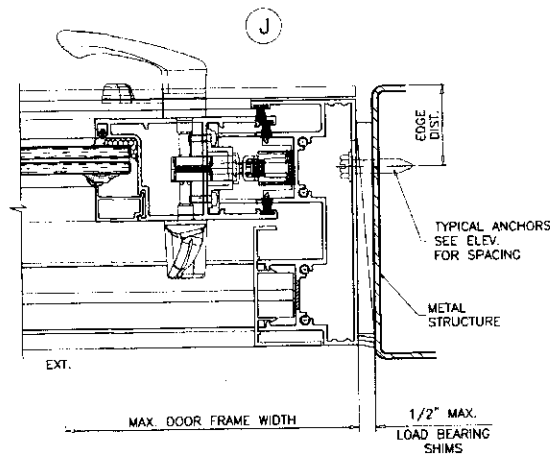
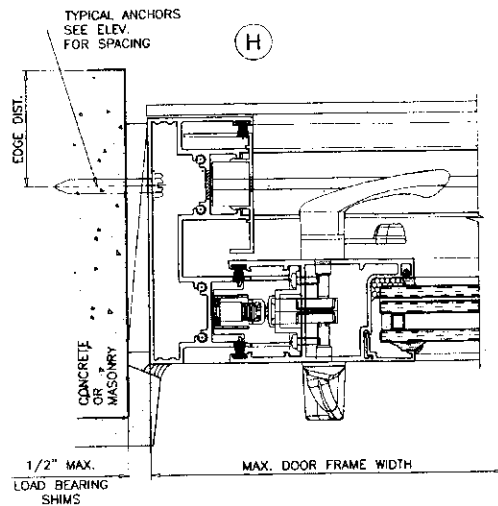
revisions:

date: 10-28-15

drawing no.
W15-83
sheet 12 of 17

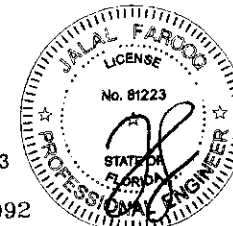
W15-83
sheet 12 of 17

sheet 12 of 17

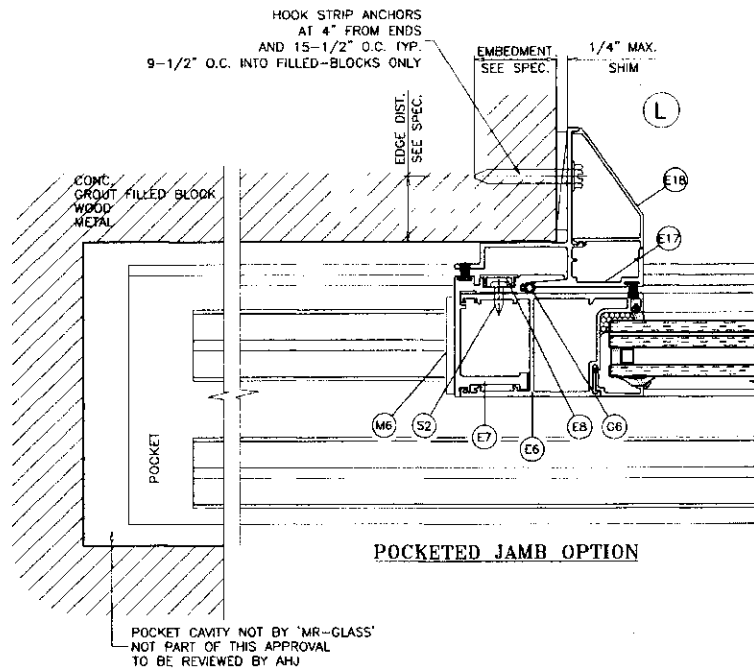


Sealed: 7/24/2023

FL #19092



AL FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 (C.A.N. 3638) TEL (305) 264-8100 FAX (305) 262-6978 COMP-ANL W15-B3MG	
MG-1000 ALUM SLIDING GLASS 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: 10-28-15 scale: 3/8" = 1" dr. BY: JAFD ch. by:
drawing no. W15-83 sheet 13 of 17	



HOOK STRIP ANCHORS:

5/16" DIA. ULTRAICON BY 'DEWALT' ($F_u=177$ KSI, $F_y=155$ KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD

5/16" DIA. ULTRAICON BY 'DEWALT' ($F_u=177$ KSI, $F_y=155$ KSI)
 THRU 1BY BUCKS INTO CONC. OR FILLED BLOCKS
 1-3/4" MIN. EMBED INTO CONC. OR FILLED BLOCKS
 DIRECTLY INTO CONC. OR FILLED BLOCKS
 1-3/4" MIN. EMBED INTO CONC. OR FILLED BLOCKS

5/16" DIA. TEKS OR SELF DRILLING SCREWS(GRADE 5 CRS)
 INTO METAL STRUCTURES
 (3) THREADS MIN. PENETRATION BEYOND SUBSTRATE
 ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
 STEEL: 1/8" THK. MIN. ($F_y = 36$ KSI MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

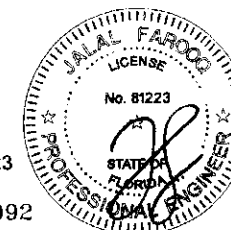
ANCHOR EDGE DISTANCES

INTO CONCRETE OR BLOCKS = 1-1/4" MIN.
 INTO WOOD STRUCTURE = 1" MIN.
 INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT JAMBS SG = 0.55 MIN.
 CONCRETE AT JAMBS $f'_c = 3000$ PSI MIN.
 C-90 GROUT FILLED BLOCK AT JAMBS $f'_m = 2000$ PSI MIN.

Sealed: 7/24/2023

FL #19092



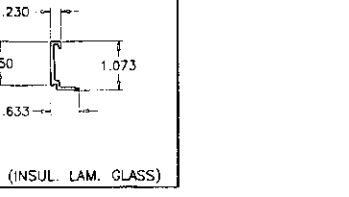
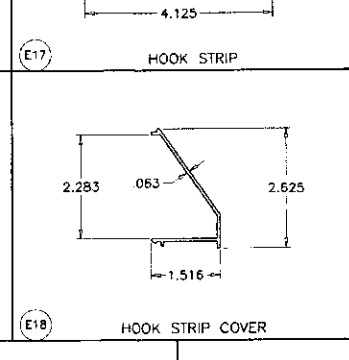
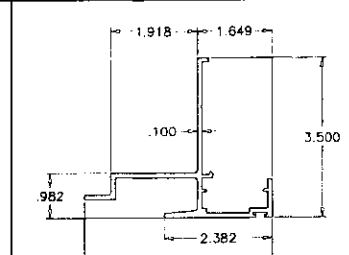
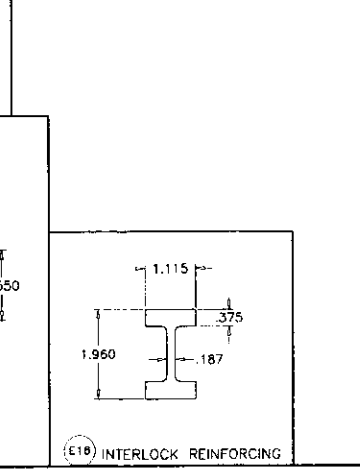
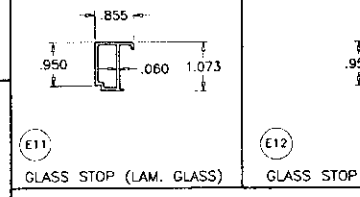
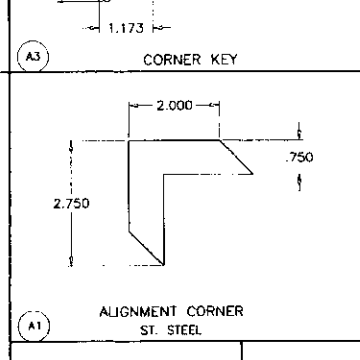
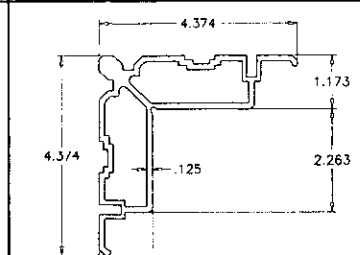
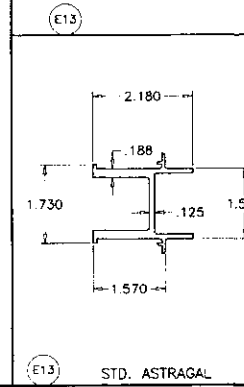
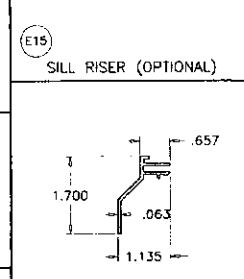
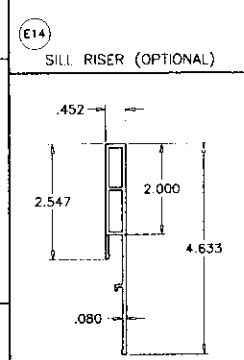
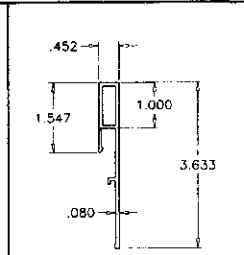
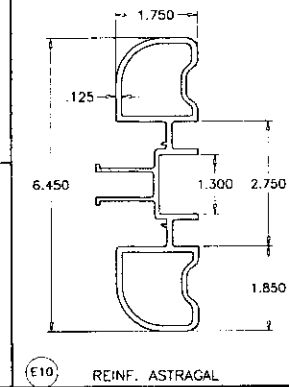
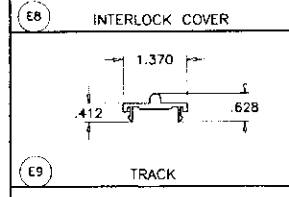
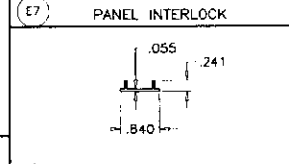
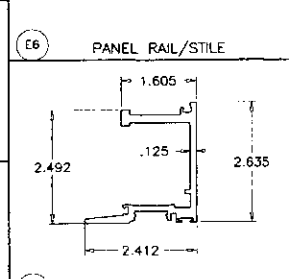
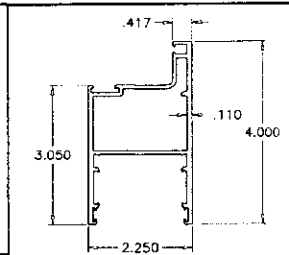
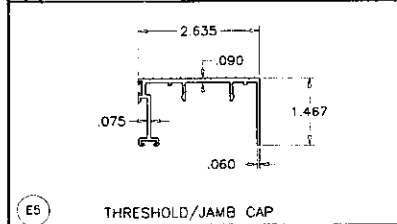
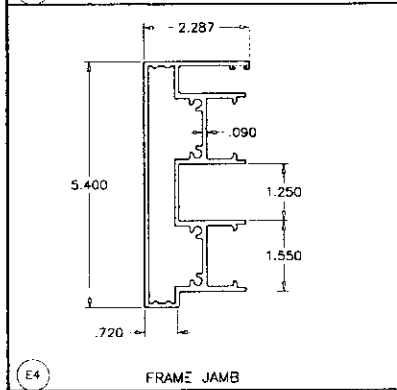
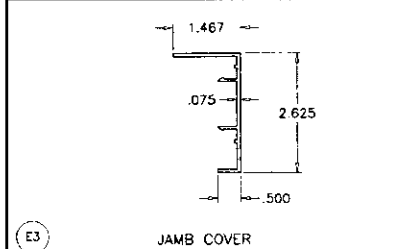
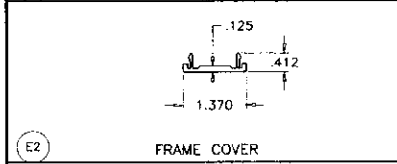
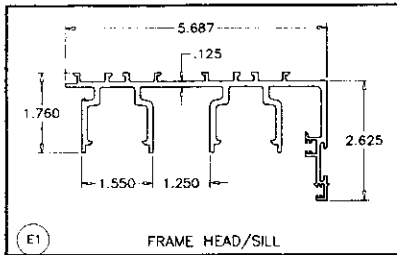
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL (305) 264-8100 FAX (305) 262-6978
 C.O.P. - ANL W15-83MG

MG-1000 ALUM SLIDING GLASS 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

NO.	DATE	BY	DESCRIPTION

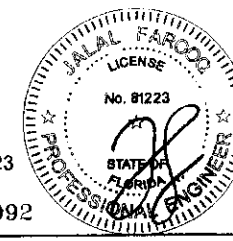
date	10-28-15
scale	3/8" = 1"
dr. by	JARO
chk. by	

drawing no.
W15-83
 (Sheet 14 of 17)



Sealed: 7/24/2023

FL #19092



af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3538)
 TEL (305) 264-8100 FAX (305) 262-8978
 COMP-ANL W15-83.MC

MC-1000 ALUM SLIDING GLASS 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:	by	date	description

date	10-28-15	scale	3/8" = 1"	dr. by	TARQ	chk. by	
drawing no.	W15-83						
sheet	15 of 17						

ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
E1	E1001	2	FRAME HEAD/SILL	6005-T5	-
E2	E108	AS REQD.	FRAME COVER	6063-T5	-
E3	-	AS REQD.	JAMB COVER	6063-T5	-
E4	E1002	2	FRAME JAMB	6063-T6	-
E5	E1005	AS REQD.	THRESHOLD/JAMB CAP	6063-T5	-
E6	E1010	AS REQD.	PANEL RAIL/STILE	6005-T5	-
E7	E1011	AS REQD.	PANEL INTERLOCK	6005-T5	-
E8	E1018	AS REQD.	INTERLOCK COVER	6063-T5	-
E9	E1007	1/ MOV. PANEL	TRACK	6005-T5	-
E10	E1013	AS REQD.	REINF. ASTRAGAL	6005-T5	-
E11	E9001	4/ PANEL	GLASS STOP (LAM. GLASS)	6063-T6	-
E12	F9002	4/ PANEL	GLASS STOP (INSUL. LAM. GLASS)	6063-T6	-
E13	E1012	AS REQD.	STD. ASTRAGAL	6005-T5	-
E14	MGR-1014	AS REQD.	3-5/8" SILL RISER	6063-T6	OPTIONAL
E15	MGR-1019	AS REQD.	4-5/8" SILL RISER	6063-T6	OPTIONAL
E16	E9006	AS REQD.	INTERLOCK REINFORCING	6063-T6	-
E17	E1022	AS REQD.	HOOK STRIP	6063-T6	-
E18	E1023	AS REQD.	HOOK STRIP COVER	6063-T6	-
G1	W71325NK	AS REQD.	TRI FIN PILE W/STRIPPING	-	ULTRAFAB
G2	-	AS REQD.	COMPRESSION GASKET	EPDM	DUROMETER 70±5 SHORE A
G3	-	AS REQD.	OFFSET GLAZING GASKET	SANTOPRENE	DUROMETER 70±5 SHORE A
G4	-	AS REQD.	WEDGE GASKET	EPDM	DUROMETER 70±5 SHORE A
G5	E516	AS REQD.	AIR SEAL GASKET	SANTOPRENE	ULTRAFAB
G6	E238	AS REQD.	INTERLOCK GASKET	POLYPROPYLENE	ULTRAFAB
G8	-	-	1/4" THK. FOAM PAD	POLYETHYLENE	-
G9	-	-	AIR SEAL BRIDGE AT INTERLOCK	POLYAMIDE	-
G10	-	-	AIR SEAL BRIDGE AT MTG. STILE	POLYAMIDE	-
G11	-	AS REQD.	SETTING BLOCKS	EPDM	DUROMETER 80±5 SHORE A
A1	-	-	ALIGNMENT CORNER	ST. STEEL	-
A3	-	-	CORNER KEY	6063-T6	-
L1	PS01-7002	-	2 POINT MORTISE LOCK & HANDLE	-	INTERLOCK
L2	PS01-7102	-	2 POINT MORTISE LOCK & HANDLE	-	INTERLOCK
L3	PS01-1005	-	ADJUSTABLE STRIKER	-	INTERLOCK
L5	-	-	LOCK RECEIVER	6063-T5	-
M1	-	2 PANEL	ROLLER ASSEMBLY AT 9" FROM ENDS	ST. STEEL/ACETAL	FASTENED WITH (2) 12-24 X 3/4" PH MS
M6	-	AS REQD.	PANEL GUIDES	NYLON	-
M7	-	AS REQD.	PANEL GUIDES	NYLON	-
S1	#12 X 1 1/2"	4/ CORNER	FRAME ASSEMBLY FASTENERS	ST. STEEL	HHW SDS
S2	10-24 X 1/2"	AS REQD.	INTERLOCK FASTENERS, AT 6" FROM ENDS AND 12" O.C.	ST. STEEL	PH TC MS
S3	#8-18 X 1/2"	AS REQD.	LOCK RECEIVER FASTENERS	AISI 304	PHILIP PH SMS
S4	1/4-20 X 1/2"	AS REQD.	PANEL ASSEMBLY FASTENERS	ST. STEEL	FH SMS

SEALANT:

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

LOCKS:

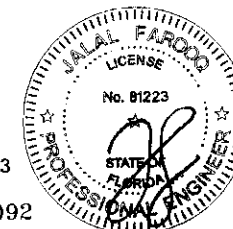
SURFACE MOUNT METALLIC THREE PLY DUAL HOOK LOCK AT 38-1/2" FROM BOTTOM FASTENED TO LOCK STILE WITH (2) 10-24 X 1/2" FH TC MS

SURFACE MOUNT METALLIC HANDLE AT 38-1/2" FROM BOTTOM FASTENED TO LOCK STILE WITH (2) 8-32 X 2-5/8" FH MS

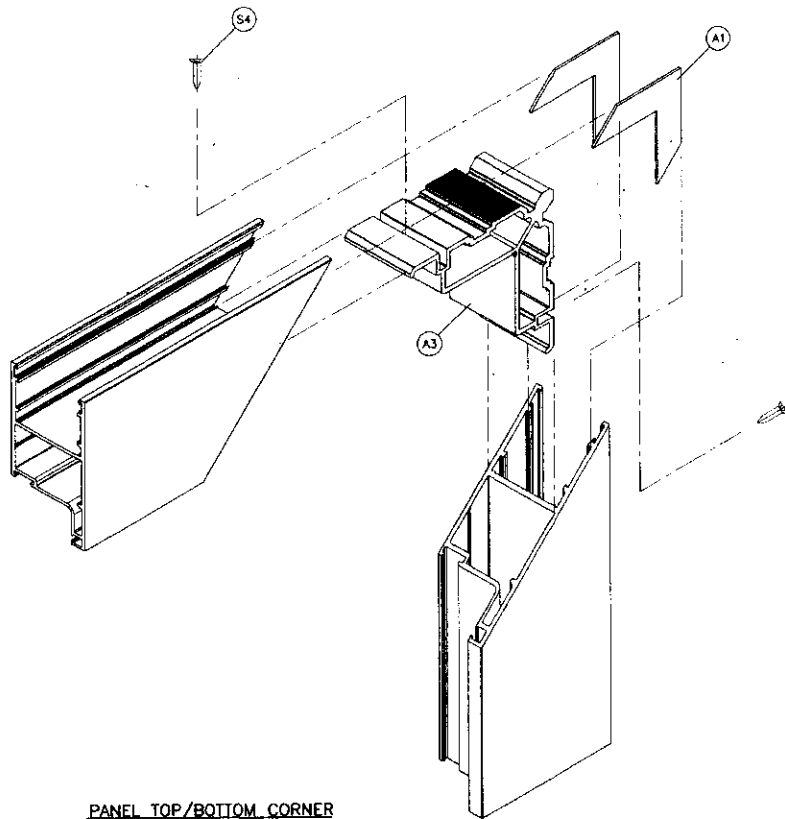
SURFACE MOUNT METALLIC KEEPER FACING LOCK AT 38 1/2" FROM BOTTOM FASTENED WITH (1) #14 X 2-7/8" FH SDS AND (1) 12-24 X 1/2" PH MS

Sealed: 7/24/2023

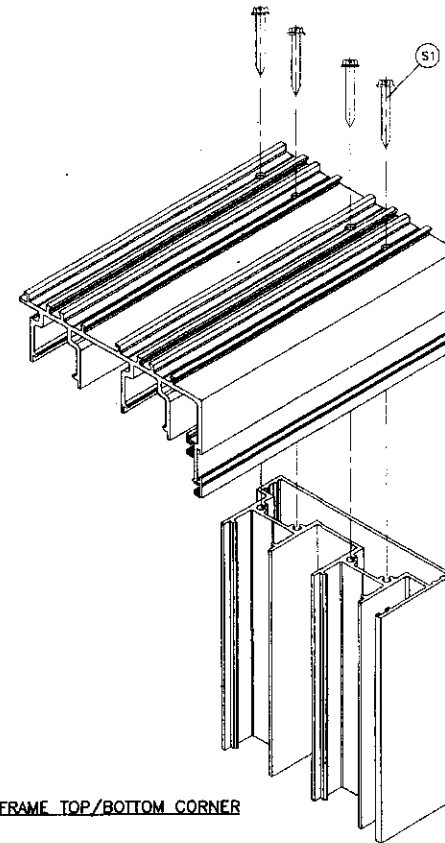
FL #19092



AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 TEL: (305) 264-8100 FAX: (305) 262-8978 (C.A.N. 3636) COMP-ANL W15-83MG	
MG-1000 ALUM SLIDING GLASS 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: 10-28-15 scale: 3/8" = 1" dr. by: TARC chg. by:
drawing no. W15-83 sheet 16 of 17	



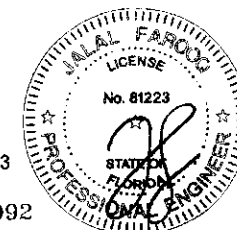
PANEL TOP/BOTTOM CORNER



FRAME TOP/BOTTOM CORNER

Sealed: 7/24/2023

FL #19092



revisions	no.	date	description

drawing no.
W15-83

sheet 17 of 17

MG-1000 ALUM SLIDING GLASS 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

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

af c
COMP-ANL W15-83MG