



Product Approval

USER: Public User

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OFFICE OF THE
SECRETARY

FL # FL25959-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 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 Jalal Farooq
Florida License PE-81223
Quality Assurance Entity Keystone Certifications, Inc.
Quality Assurance Contract Expiration Date 04/30/2035
Validated By Abel Carrasco, PE
☒ Validation Checklist - Hardcopy Received

Certificate of Independence [FL25959-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

04/17/2025

Date Validated

04/25/2025

Date Pending FBC Approval

04/29/2025

Date Approved

06/10/2025

Summary of Products

FL #	Model, Number or Name	Description
25959.1	Series MG-1100 Aluminum Sliding Glass Door	Large missile impact resistant 3-track aluminum sliding glass door
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +80/-100 Other: See drawing 18-06F for span vs load combinations and installation details		Installation Instructions FL25959_R6_II_SS - MG 1100 SGD (LMI) -DWG 18-06F 2023 R1.pdf Verified By: Jalal Farooq PE 81223 Created by Independent Third Party: Yes Evaluation Reports FL25959_R6_AE_SS - MG 1100 SGD (LMI) -PAE 2023.pdf Created by Independent Third Party: Yes
25959.2	Series MG-1100 Aluminum Sliding Glass Door	Small missile impact resistant 3-track aluminum sliding glass door
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +80/-100 Other: See drawing 18-16F for span vs load combinations and installation details		Installation Instructions FL25959_R6_II_SS - MG 1100 SGD (SMI) -DWG 18-16F 2023.pdf Verified By: Jalal Farooq PE 81223 Created by Independent Third Party: Yes Evaluation Reports FL25959_R6_AE_SS - MG 1100 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

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Product Approval Accepts:



ANCHOR LOAD CAPACITY - PSF					
ANCHOR TYPE		ANCHORS 'A', 'B', 'C' & 'D'			
SHIM SPACE		3/8" SHIM	1/2" MAX. SHIM		
PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	6 ANCHORS AT MTC. STYLE ENDS	6 ANCHORS AT MTC. STYLE ENDS	8 ANCHORS AT MTC. STYLE ENDS	
		EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	
42	82-7/8	100.0	100.0	100.0	
48		100.0	100.0	100.0	
54		100.0	100.0	100.0	
60		100.0	100.0	100.0	
66		75.0	75.0	75.0	
72		75.0	75.0	75.0	
78		75.0	75.0	75.0	
84		75.0	73.5	75.0	
42	84	100.0	100.0	100.0	
48		100.0	100.0	100.0	
54		100.0	100.0	100.0	
60		100.0	100.0	100.0	
66		75.0	75.0	75.0	
72		75.0	75.0	75.0	
78		75.0	75.0	75.0	
84		75.0	72.5	75.0	
42	90	100.0	100.0	100.0	
48		100.0	100.0	100.0	
54		100.0	100.0	100.0	
60		100.0	100.0	100.0	
66		75.0	75.0	75.0	
72		75.0	75.0	75.0	
78		75.0	75.0	75.0	
80		75.0	71.0	75.0	
42	96	100.0	100.0	100.0	
48		100.0	100.0	100.0	
54		100.0	98.7	100.0	
60		100.0	88.8	100.0	
66		75.0	75.0	75.0	
72		75.0	75.0	75.0	
74		75.0	74.0	75.0	
76		75.0	72.0	75.0	
42	102	100.0	100.0	100.0	
48		100.0	100.0	100.0	
50		100.0	100.0	100.0	
52		100.0	96.4	100.0	
54		100.0	92.9	100.0	
56		100.0	89.5	100.0	
60	108	75.0	75.0	75.0	
62		75.0	75.0	75.0	
66		75.0	75.0	75.0	
70		75.0	71.6	75.0	
42	114	100.0	100.0	100.0	
48		100.0	98.7	100.0	
50		100.0	94.7	100.0	
60		75.0	75.0	75.0	
62		75.0	75.0	75.0	
66		75.0	71.6	75.0	

ANCHOR LOAD CAPACITY - PSF					
ANCHOR TYPE		ANCHORS 'A', 'B', 'C' & 'D'			
SHIM SPACE		3/8" SHIM	1/2" MAX. SHIM		
PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	6 ANCHORS AT MTC. STYLE ENDS	6 ANCHORS AT MTC. STYLE ENDS	8 ANCHORS AT MTC. STYLE ENDS	
		EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	
42	114	100.0	100.0	100.0	
48		100.0	93.5	100.0	
50		100.0	89.7	100.0	
60		75.0	74.8	75.0	
62		75.0	72.4	75.0	
42	120	100.0	100.0	100.0	
48		100.0	88.8	100.0	
50		75.0	75.0	75.0	
60		75.0	71.0	75.0	

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 SHEET 1.1 FOR THE GLASS TYPE USED.
- STEP 3** USING CHARTS ABOVE SELECT 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** SEE SHEET B TO DETERMINE MIN. AND MAX. GAP DIMENSIONS FOR UNANCHORED JAMBS.

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

SERIES 1100 (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.

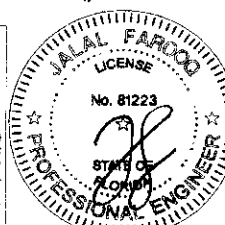
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, I.E. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,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

Sealed: 7/24/2023
FL #25959.1

- 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
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL (305) 264-8100 FAX (305) 262-8978
C.A.N. 3538
COMP-ANL 18-06F-MG

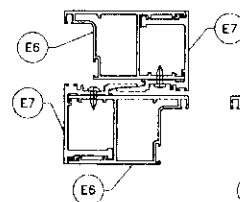
SERIES 1100 ALUM SLIDING GLASS DOOR (L.M.I.)
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL 33166
Tel. (305) 764-3963 Fax. (305) 470-8285

revisions:	no	date	by	description
	A	10/05/20		UPDATED TO 2020 FBC
	B	04/06/21		POCKETS OPTION ADDED
	C	12/07/21		REFINE INTERLOCK OPTION ADDED
	D	01/16/23		NEW TEST ADDED
	E	07/21/23		UPDATED TO 2023 FBC

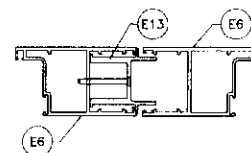
date: 12-28-17
scale: -
dr. by: TARIQ
chk. by:
drawing no.
18-06F
sheet 1 of 11

DOOR DESIGN LOAD CAPACITY - PSF											
AVERAGE PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	STD. INTERLOCK WITHOUT ASTRAGAL		STD. INTERLOCK WITH OR WITHOUT STD. ASTRAGAL						STD. INTERLOCK WITH OR WITHOUT REINF. ASTRAGAL	
		GLASS TYPES 'A' & 'A1'		GLASS TYPES 'A' & 'A1'		GLASS TYPES 'B' & 'B1'		GLASS TYPES 'C' & 'C1'		GLASS TYPES 'A' & 'A1'	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
42	82-7/8	65.0	75.0	80.0	100.0	80.0	80.0	80.0	80.0	80.0	100.0
48		65.0	75.0	80.0	100.0	80.0	80.0	80.0	80.0	80.0	100.0
54		65.0	75.0	71.1	88.9	71.1	80.0	71.1	80.0	80.0	88.9
60		65.0	75.0	64.0	80.0	60.0	60.0	-	-	64.0	80.0
66		65.0	75.0	-	-	60.0	60.0	-	-	-	-
72		65.0	75.0	-	-	-	-	-	-	-	-
78		65.0	75.0	-	-	-	-	-	-	-	-
84		65.0	75.0	-	-	-	-	-	-	-	-
42	84	65.0	75.0	80.0	100.0	80.0	80.0	80.0	80.0	80.0	100.0
48		65.0	75.0	80.0	100.0	80.0	80.0	80.0	80.0	80.0	100.0
54		65.0	75.0	71.1	88.9	71.1	80.0	71.1	80.0	71.1	88.9
60		65.0	75.0	64.0	80.0	60.0	60.0	-	-	64.0	80.0
62		65.0	75.0	-	-	60.0	60.0	-	-	-	-
66		65.0	75.0	-	-	60.0	60.0	-	-	-	-
72		65.0	75.0	-	-	-	-	-	-	-	-
78		65.0	75.0	-	-	-	-	-	-	-	-
84		65.0	75.0	-	-	-	-	-	-	-	-
42	90	65.0	75.0	80.0	100.0	80.0	80.0	80.0	80.0	80.0	100.0
48		65.0	75.0	80.0	100.0	80.0	80.0	80.0	80.0	80.0	100.0
54		65.0	75.0	71.1	88.9	60.0	60.0	-	-	71.1	88.9
60		65.0	75.0	-	-	60.0	60.0	-	-	64.0	80.0
62		65.0	75.0	-	-	60.0	60.0	-	-	-	-
66		65.0	75.0	-	-	-	-	-	-	-	-
72		65.0	75.0	-	-	-	-	-	-	-	-
78		65.0	75.0	-	-	-	-	-	-	-	-
80		65.0	75.0	-	-	-	-	-	-	-	-
42	96	65.0	75.0	80.0	100.0	80.0	80.0	80.0	80.0	80.0	100.0
48		65.0	75.0	80.0	100.0	80.0	80.0	80.0	80.0	80.0	100.0
54		65.0	75.0	71.1	88.9	60.0	60.0	-	-	71.1	88.9
60		65.0	75.0	-	-	60.0	60.0	-	-	64.0	80.0
62		65.0	75.0	-	-	-	-	-	-	-	-
66		65.0	75.0	-	-	-	-	-	-	-	-
72		65.0	75.0	-	-	-	-	-	-	-	-
74		65.0	75.0	-	-	-	-	-	-	-	-
42	102	65.0	75.0	80.0	100.0	60.0	60.0	-	-	80.0	100.0
48		65.0	75.0	80.0	100.0	60.0	60.0	-	-	80.0	100.0
50		65.0	75.0	-	-	60.0	60.0	-	-	76.8	96.0
52		65.0	75.0	-	-	60.0	60.0	-	-	73.8	92.3
54		65.0	75.0	-	-	60.0	60.0	-	-	71.1	88.9
56		65.0	75.0	-	-	60.0	60.0	-	-	68.6	85.7
60		65.0	75.0	-	-	-	-	-	-	-	-
62		65.0	75.0	-	-	-	-	-	-	-	-
66		65.0	75.0	-	-	-	-	-	-	-	-
70		65.0	75.0	-	-	-	-	-	-	-	-
42	108	65.0	75.0	80.0	100.0	60.0	60.0	-	-	80.0	100.0
48		65.0	75.0	80.0	100.0	60.0	60.0	-	-	80.0	100.0
50		65.0	75.0	-	-	60.0	60.0	-	-	76.8	96.0
60		65.0	75.0	-	-	-	-	-	-	73.8	92.3
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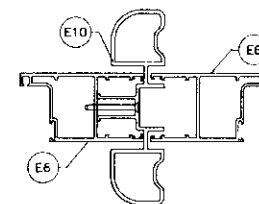
DOOR DESIGN LOAD CAPACITY - PSF											
AVERAGE PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	STD. INTERLOCK WITHOUT ASTRAGAL		STD. INTERLOCK WITH OR WITHOUT STD. ASTRAGAL				STD. INTERLOCK WITH OR WITHOUT REINF. ASTRAGAL			
		GLASS TYPES 'A' & 'A1'		GLASS TYPES 'A' & 'A1'		GLASS TYPES 'B' & 'B1'		GLASS TYPES 'C' & 'C1'		GLASS TYPES 'A' & 'A1'	
		EXT.(+)	INT.(−)	EXT.(+)	INT.(−)	EXT.(+)	INT.(−)	EXT.(+)	INT.(−)	EXT.(+)	INT.(−)
42	114	65.0	75.0	—	—	60.0	60.0	—	—	80.0	100.0
48		65.0	75.0	—	—	60.0	60.0	—	—	80.0	100.0
50		65.0	75.0	—	—	60.0	60.0	—	—	76.8	96.0
60		65.0	75.0	—	—	—	—	—	—	—	—
62	120	65.0	75.0	—	—	—	—	—	—	—	—
42		65.0	75.0	—	—	60.0	60.0	—	—	80.0	100.0
48		65.0	75.0	—	—	60.0	60.0	—	—	80.0	100.0
50		65.0	75.0	—	—	—	—	—	—	—	—
60		65.0	75.0	—	—	—	—	—	—	—	—



STD. INTERLOCK



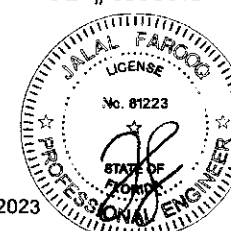
STD. ASTRAGAL



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 #25959.1



FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED
LIMIT ALL EXTERIOR(+) LOADS TO +76.7 PSF FOR 2'-13/16" SILL HEIGHTS
SEE SHEET 5 FOR DETAILS

REINF. ASTRAGAL ONLY IN CONFIGURATIONS THAT REQUIRE ASTRAGAL

AVERAGE PANEL WIDTH = DOOR FRAME WIDTH
NUMBER OF PANELS

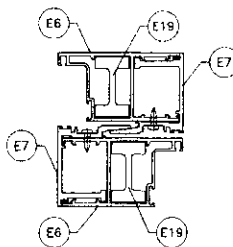
Sealed: 7/24/2023

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

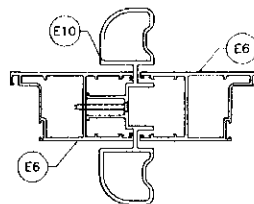
SERIES 1100 ALUM SLIDING GLASS DOOR (L.M.I.)
MP-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL 33186
Tel. (305) 764-3983 Fax. (305) 470-8285

revisions:
date: 12-28-17
no. 1
description: 18-06F
scale: 1/8" = 1'-0"
dr. by: JARQ
chk. by:
drawing no. 18-06F
sheet 1 of 11

DESIGN LOAD CAPACITY - PSF			
AVERAGE PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	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		65.0	75.0
66	108	65.0	70.0
54		65.0	75.0
60		65.0	75.0
54	120	65.0	75.0
60		65.0	70.0



REINF. INTERLOCK

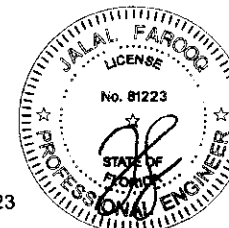


REINF. ASTRAGAL

AVERAGE PANEL WIDTH = DOOR FRAME WIDTH
NUMBER OF PANELS

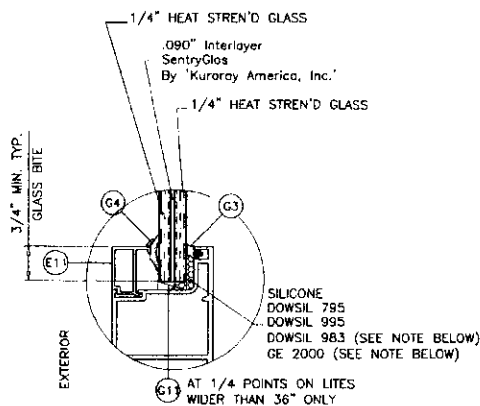
NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

FL #25959.1



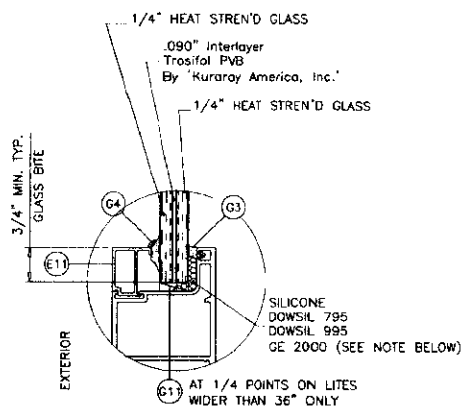
Sealed: 7/24/2023

AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 (C.A.N. 3538) TEL. (305) 284-8300 FAX. (305) 282-8978 COMP-ANL 18-06F-MC		REVISIONS: no. date by description	
		date: 12-28-17 scale: _____ dr. by: TADG chg. by: _____	
SERIES 1100 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) 470-4285		drawing no. 18-06F sheet 1.2 of 11	



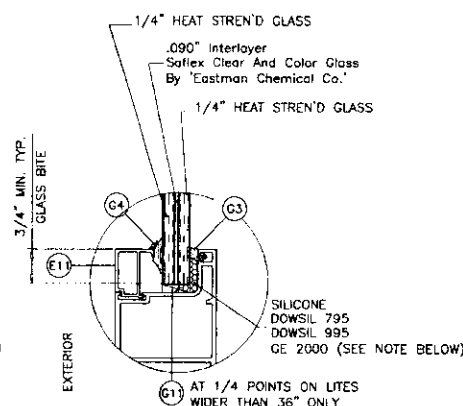
GLASS TYPE 'A'

9/16" OVERALL LAMINATED GLASS



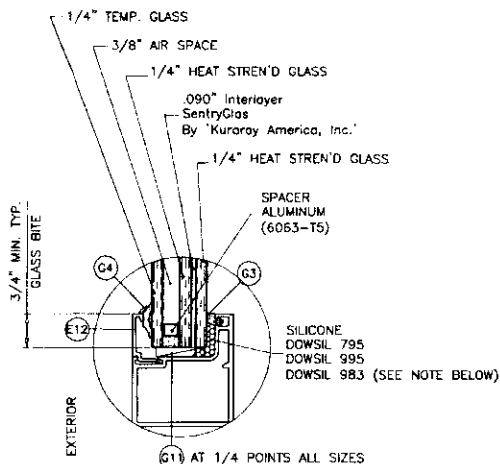
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9/16" OVERALL LAMINATED GLASS



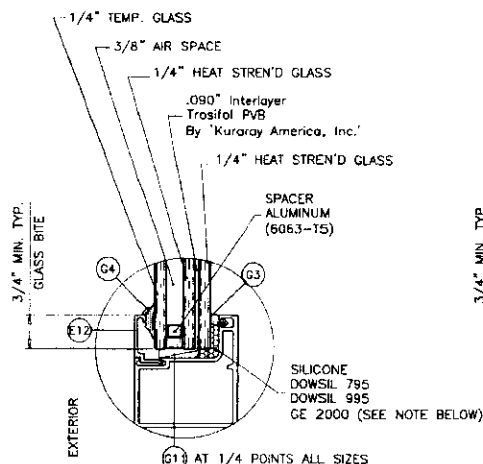
GLASS TYPE 'C'

9/16" OVERALL LAMINATED GLASS



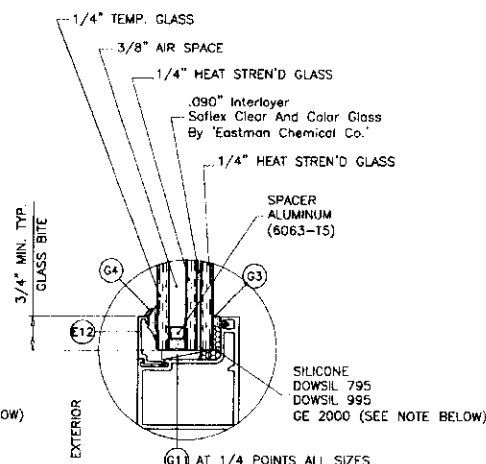
GLASS TYPE 'AI'

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



GLASS TYPE 'BI'

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



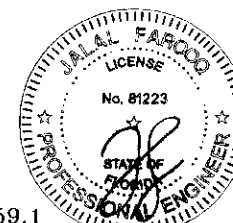
GLASS TYPE 'CI'

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

GLAZING OPTIONS

NOTE:
FOR DOWSIL 983 SILICONE
LIMIT MAX. DESIGN LOADS TO +65, -75.0 PSF
FOR GE 2000 SILICONE
LIMIT MAX. DESIGN LOADS TO ±60 PSF
LIMIT MAX. PANEL AREA TO 40.0 SQ. FT.

Sealed: 7/24/2023



FL #25959.1

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL (305) 284-8100 FAX (305) 282-8978
COMP-ANL\18-06F-MG

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

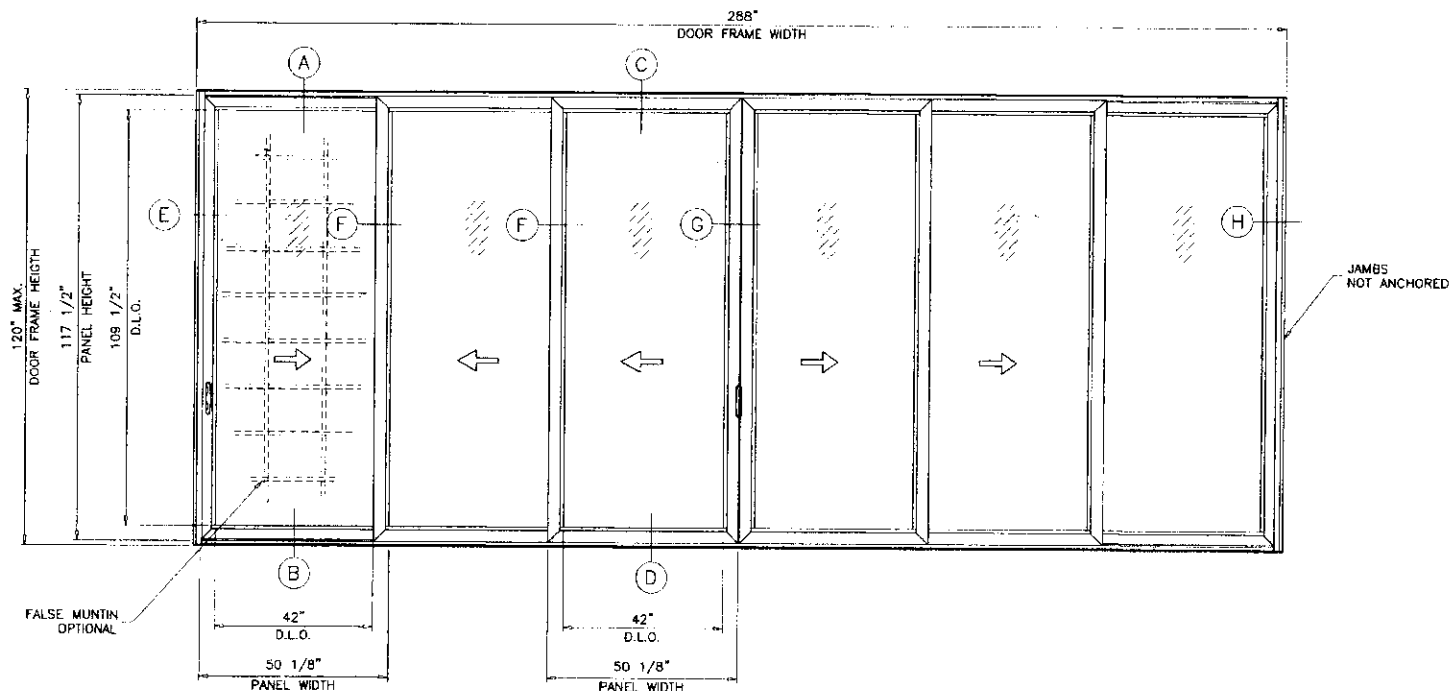
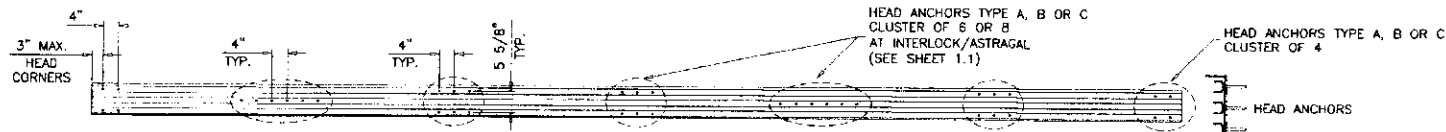
SERIES 1100 ALUM SLIDING GLASS DOOR (L.M.I.)

Revisions:	no.	date	by	description
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date: 12-28-17
scale: 3/8" = 1"
dr. by: TARQ
chk. by:

drawing no.
18-06F

sheet 2 of 11



TYPICAL ELEVATION
TESTED UNIT
(NON-POCKETED DOOR)

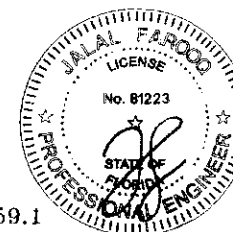
DAYLITE OPENINGS WIDTHS:
PANEL WIDTH - 7.313"

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

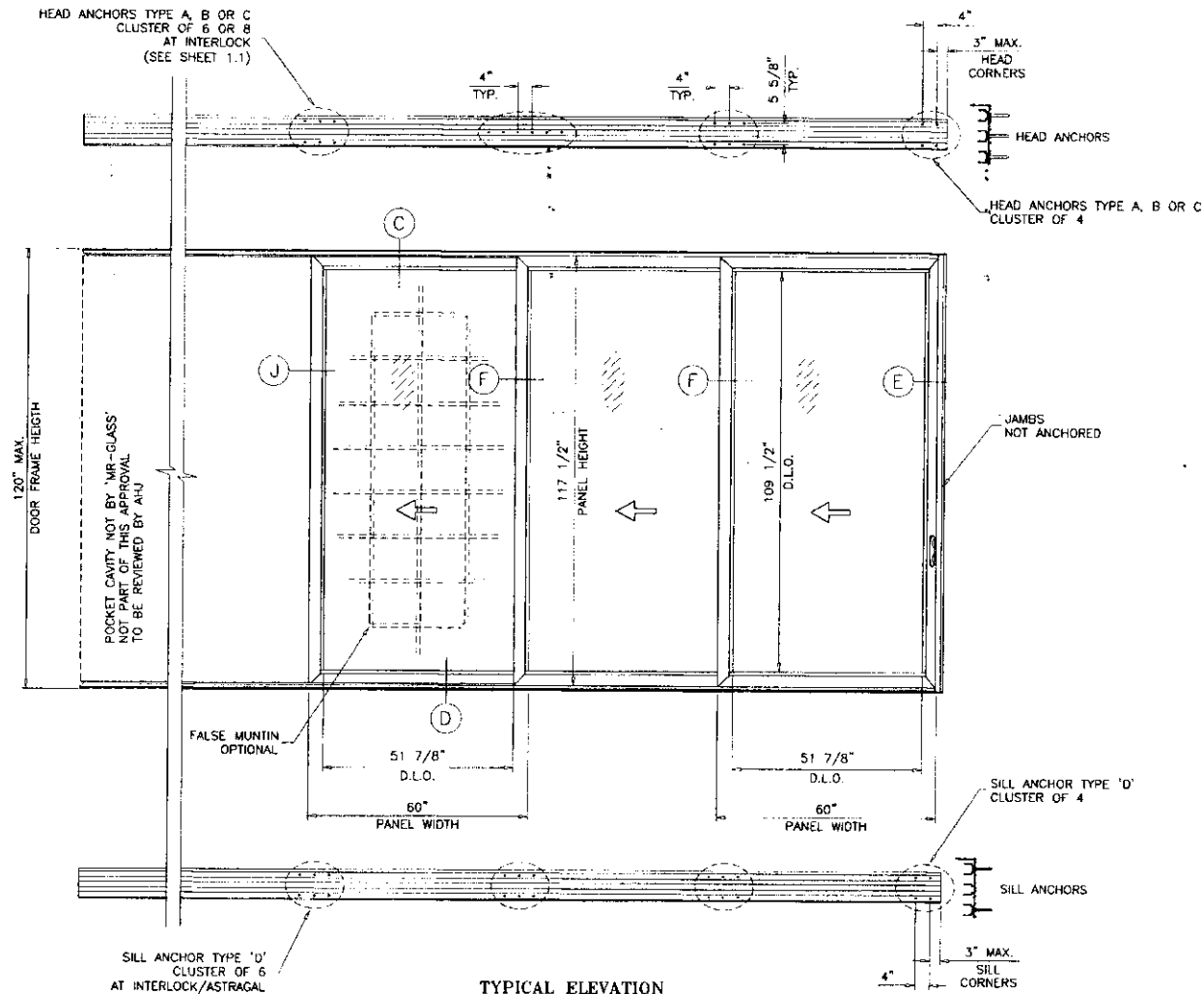


FL #25959.1

AL-FAROOQ CORPORATION
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9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX (305) 264-8100
COMP - ANL 18-06F - MC

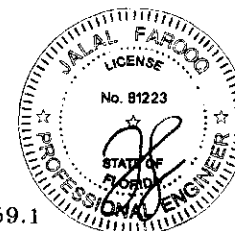
SERIES 1100 ALUM SLIDING GLASS DOOR (L.M.I.)
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL 33166
Tel. (305) 784-3963 Fax. (305) 470-8285

Revisions:	no.	date	by	description
date:	12-28-17			
scale:	3/8"=1'-0"			
dr. by:	TARQ			
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drawing no.	18-06F			
sheet	3 of 11			



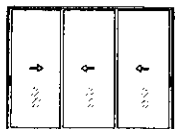
TYPICAL ELEVATION
TESTED UNIT
(POCKETED DOOR)

FL #25959.1



Sealed: 7/24/2023

AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 (C.A.N. 3538) TEL (305) 284-8100 FAX (305) 282-6978 COMP-ANL 18-06F-MC	
SERIES 1100 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: 12-28-17 scale: 3/8"=1'-0" dr. by: TARO chg. by:
drawing no. 18-06F sheet 3 of 11	



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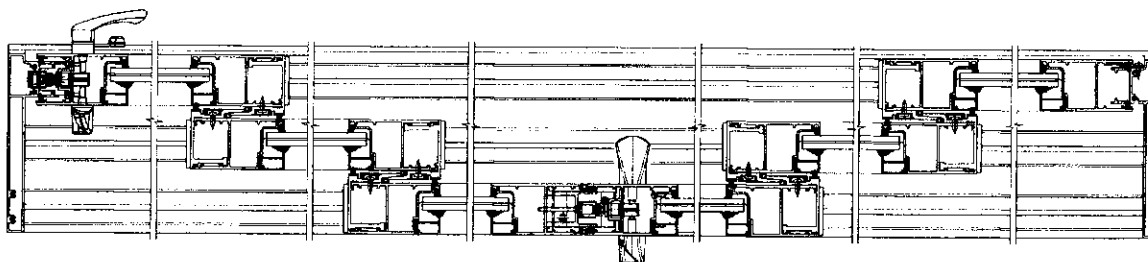
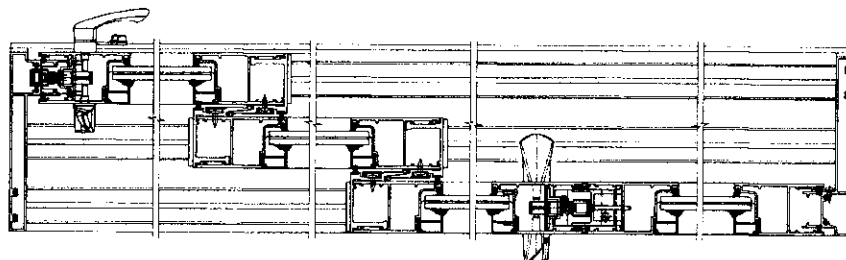
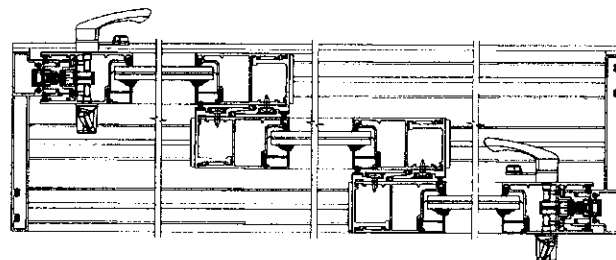


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O-XXX



XXX-XXO (SHOWN & REVERSE)
OXX-XXX
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OXX-XXO

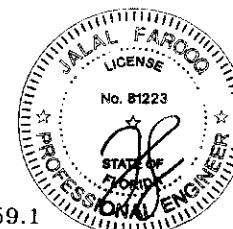
APPROVED CONFIGURATIONS
NON-POCKETED DOORS



NOTE:

1. CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSES ONLY.
2. FOR APPLICABLE DESIGN PRESSURES SEE INSTRUCTIONS IN SHEET 1.
3. FOR ANCHOR DETAILS SEE SHEETS 5 AND 6.
4. DOOR CONFIGURATIONS SHOWN WITH STD. ASTRAGAL ONLY. USE REINF. ASTRAGAL AS REQUIRED. SEE SHEET 1 FOR CAPACITY AND SHEET 7 FOR DETAIL.

Sealed: 7/24/2023



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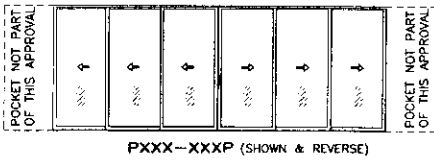
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL: (305) 284-8100 FAX: (305) 284-8978

SERIES 1100 ALUM SLIDING GLASS DOOR (L.M.I.)
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL 33166
Tel: (305) 784-3963 Fax: (305) 470-8285

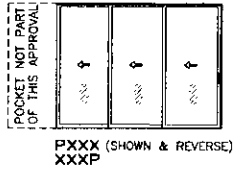
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sheet	4 of 11			

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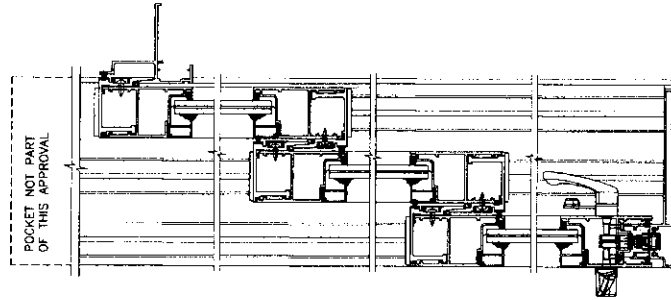
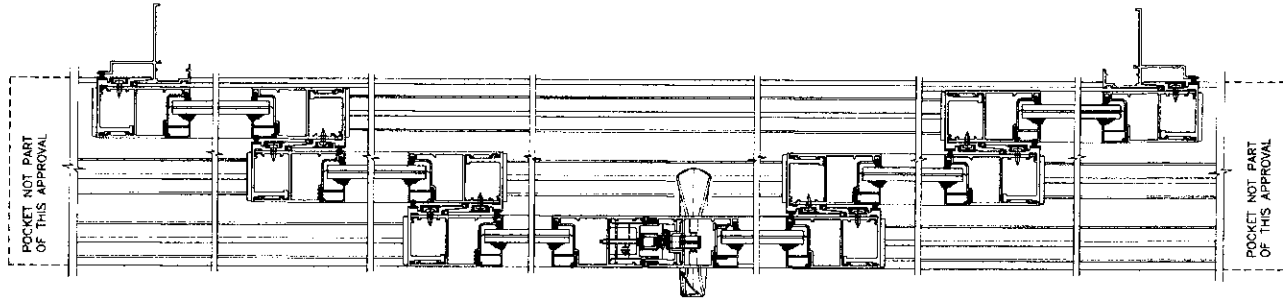


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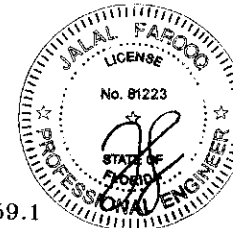
**APPROVED CONFIGURATIONS
POCKETED DOORS**



PXXX (SHOWN & REVERSE)
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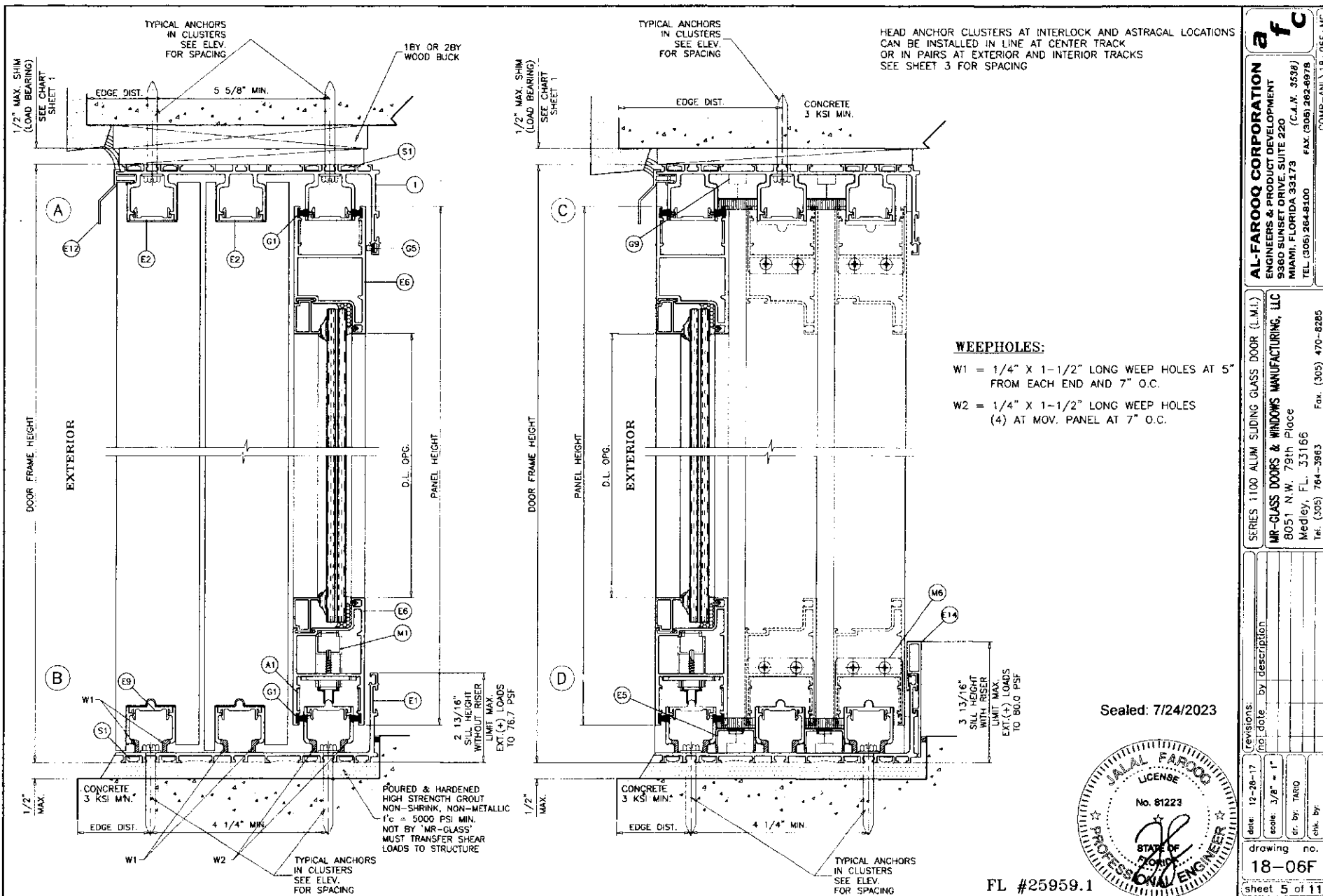
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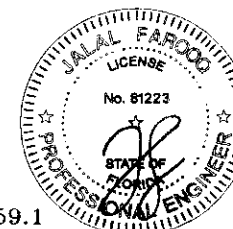
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REVISIONS: no. date by description		AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 (C.A.N. 3538) TEL. (305) 284-8100 FAX. (305) 282-4978	
date: 12-28-17 scale: - dr. by: JAF chk. by:		SERIES: 1100 ALUM SLIDING GLASS DOOR (L.M.I.) MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC 8051 N.W. 79th Place Medley, FL 33166 Tel. (305) 784-3983 Fax. (305) 470-8285	
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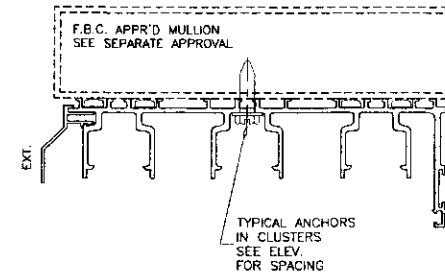
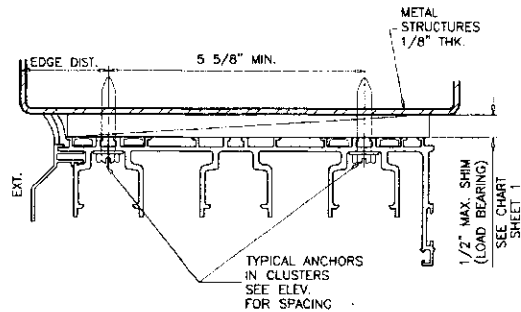
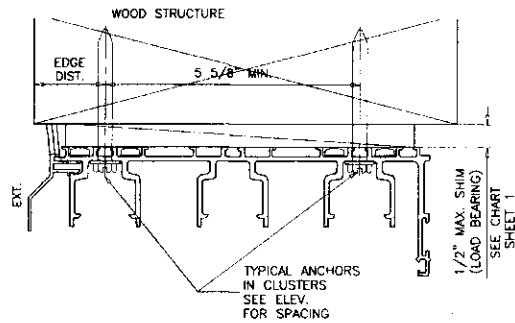
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX (305) 262-6978
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Medley, FL 33166
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Revisions:
no. date by description

date: 12-28-17
scale: 3/8" = 1"
dr. by: TAO
chk. by:

drawing no.
18-06F
sheet 5 of 11



HEAD ANCHOR CLUSTERS AT INTERLOCK AND ASTRAGAL LOCATIONS CAN BE INSTALLED IN LINE AT CENTER TRACK OR IN PAIRS AT EXTERIOR AND INTERIOR TRACKS SEE SHEET 3 FOR SPACING

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

AT HEAD

- TYPE 'A'- **5/16" X 2-3/4" ULTRACON BY 'DEWALT'** (Fu=177 KSI, Fy=155 KSI)
 INTO WOOD STRUCTURES
 1-7/8" MIN. PENETRATION INTO WOOD
 THRU 1BY OR 2BY BUCKS INTO CONCRETE
 1-1/2" MIN. EMBED INTO CONCRETE
- TYPE 'B'- **5/16" X 2-3/4" ULTRACON BY 'DEWALT'** (Fu=177 KSI, Fy=155 KSI)
 DIRECTLY INTO CONCRETE
 1-3/4" MIN. EMBED
- TYPE 'C'- **5/16" DIA. TEKS SELF DRILLING SCREWS** (GRADE 5 CRS)
 INTO F.B.C. APPROVED MULLIONS
 OR
 INTO METAL STRUCTURES
 (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)

AT SILL

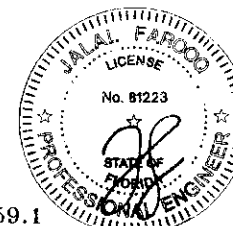
- TYPE 'D'- **5/16" DIA. ULTRACON BY 'DEWALT'** (Fu=177 KSI, Fy=155 KSI)
 DIRECTLY INTO CONCRETE
 1-3/4" MIN. EMBED

ANCHOR EDGE DISTANCES

INTO CONCRETE AT HEAD/SILL = 1-3/4" MIN.
 INTO WOOD STRUCTURE = 1-1/4" MIN.
 INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD SG = 0.55 MIN.
 CONCRETE AT HEAD, SILL f'c = 3000 PSI MIN.

Sealed: 7/24/2023



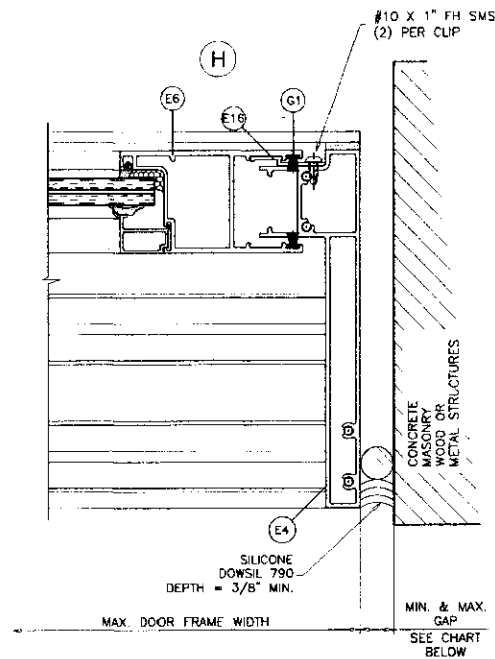
FL #25959.1

AL-FAROOQ CORPORATION
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 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3538)
 TEL (305) 284-6100 FAX (305) 282-6978
 COMP-ANI 18-06F-MC

SERIES 1100 ALUM. SLIDING GLASS DOOR (L.M.I.)
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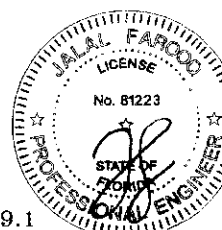
drawing no.
18-06F
 sheet 6 of 11



MAX. FRAME HEIGHT	GAP	
	MIN.	MAX.
96"	5/16"	3/4"
108"	3/8"	3/4"
120"	7/16"	3/4"

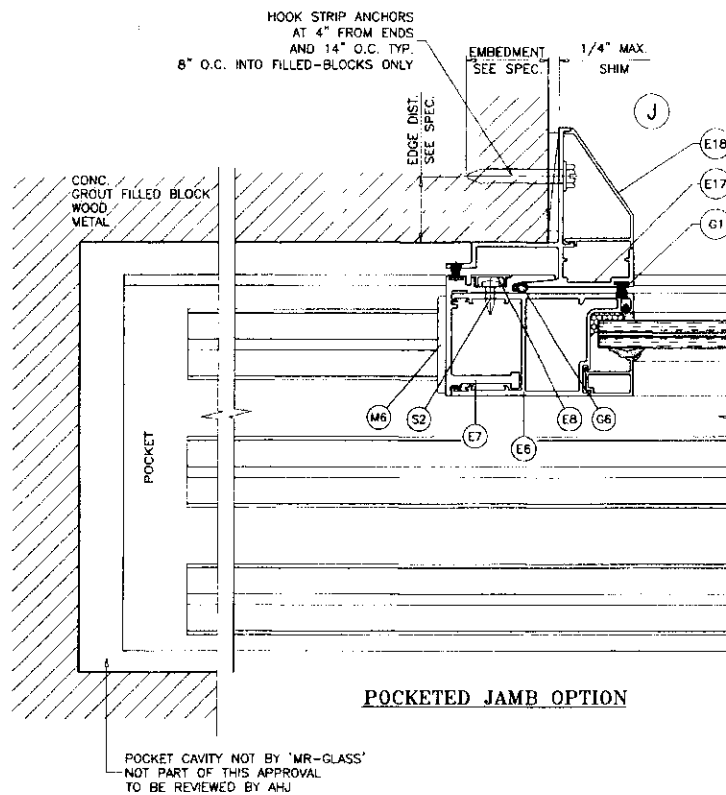
NOTE:
 MAX. MOVEMENT CONSIDERED=100% STRETCH.
 PLEASE REFER TO SEALANT MANUFACTURER'S DATA AND APPLICATION MANUAL FOR COMPATIBILITY OF SEALANT TO SUBSTRATE & WINDOW WALL MATERIAL/FINISH AND COMPLIANCE FOR WARRANTY.
 REFER TO ACI-117-10 FOR CONSTRUCTION TOLERANCES.
 ALTERNATE SEALANTS AT JAMB GAPS CAN 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.

FL #25959.1



Sealed: 7/24/2023

AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 TEL (305) 264-8100 FAX (305) 264-8100 COMP-ANI\18-06F-MG		SERIES 1100 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) 470-8295	
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no.	date	description	by
1	12-28-17	scale: 3/8" = 1"	dr. by: TARIQ
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18-06F			
sheet 8 of 11			



HOOK STRIP ANCHORS:

5/16" DIA. ULTRACON BY 'DEWALT' (Fu=177 KSI, Fy=155 KSI)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD

5/16" DIA. ULTRACON BY 'DEWALT' (Fu=177 KSI, Fy=155 KSI)
THRU 1BY BUCKS INTO CONC. OR FILLED BLOCKS
1-3/4" MIN. EMBD INTO CONC. OR FILLED BLOCKS
DIRECTLY INTO CONC. OR FILLED BLOCKS
1-3/4" MIN. EMBD INTO CONC. OR FILLED BLOCKS

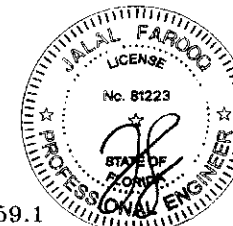
5/16" DIA. TEKS OR SELF DRILLING SCREWS(GRADE 5 CRS)
INTO METAL STRUCTURES
(3) THREADS MIN. PENETRATION BEYOND SUBSTRATE
ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

ANCHOR EDGE DISTANCES

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

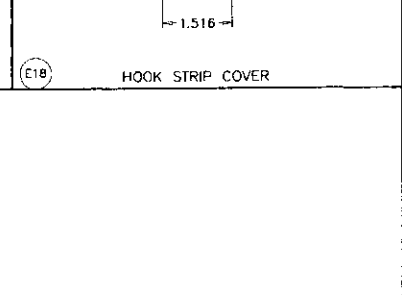
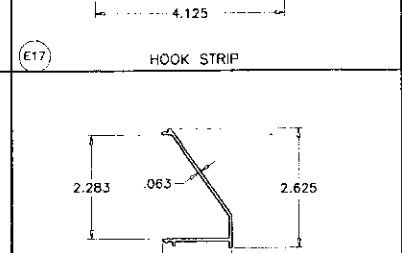
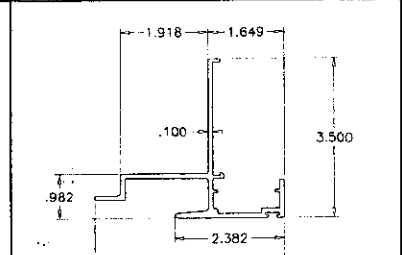
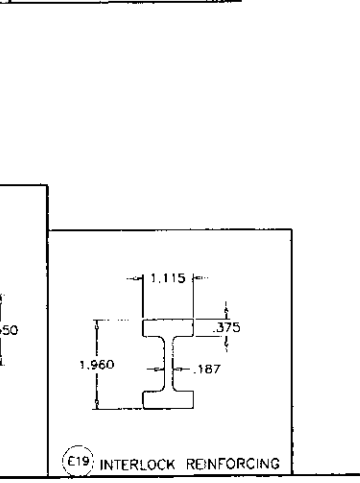
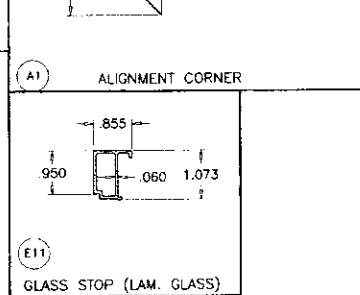
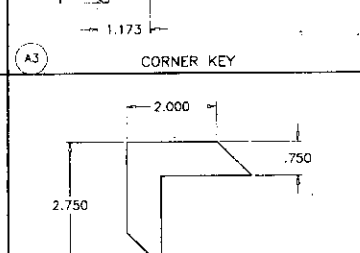
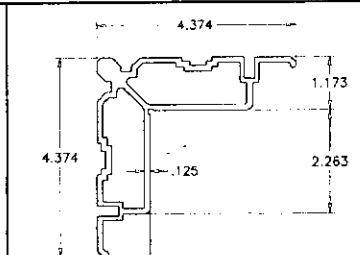
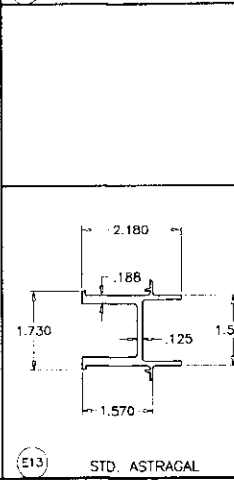
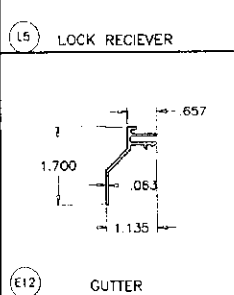
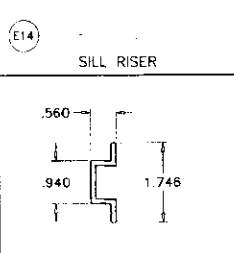
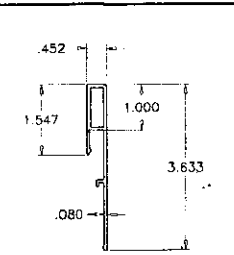
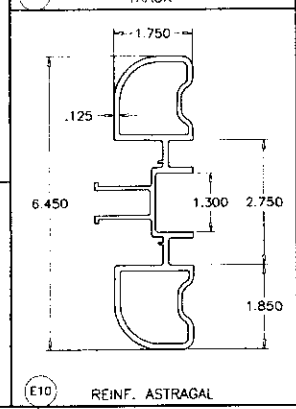
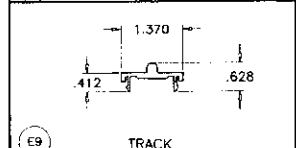
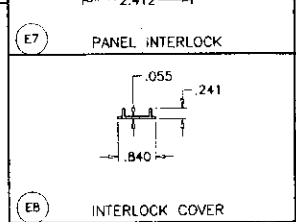
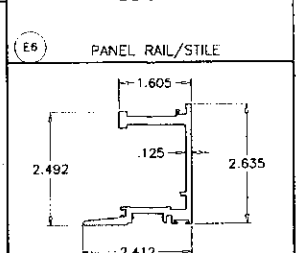
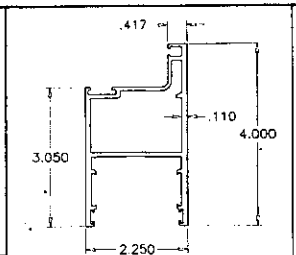
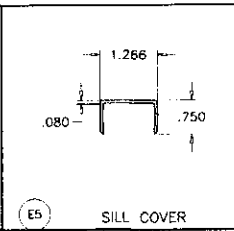
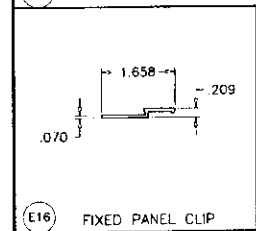
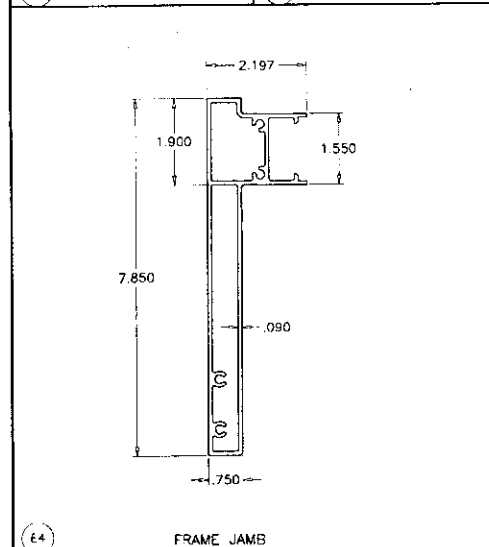
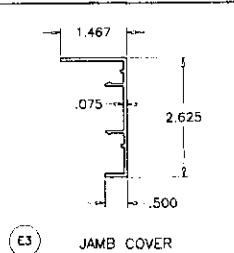
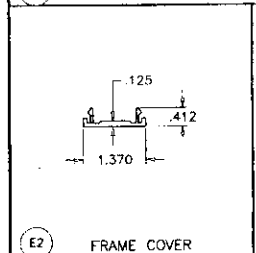
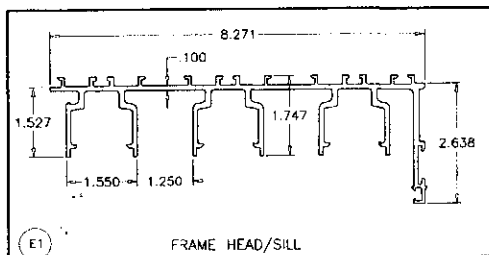
WOOD AT JAMBS SG = 0.55 MIN.
CONCRETE AT JAMBS f'c = 3000 PSI MIN.
C-90 GROUT FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

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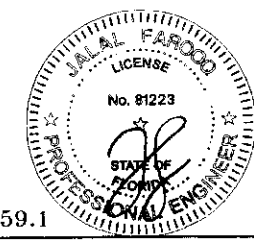


FL #25959.1

AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 TEL (305) 264-8100 FAX (305) 262-6978 COMP-ANL 18-06F-MG		SERIES 1100 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	date: 12-28-17 scale: 3/8" = 1" dr. by: TAPQ ckr. by:	drawing no. 18-06F sheet 8. of 11	



Sealed: 7/24/2023



FL #25959.1

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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 18-06F-MG

SERIES 1100 ALUM SLIDING GLASS DOOR (L.M.I.)
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Medley, FL. 33166
Tel. (305) 764-3963 Fax. (305) 470-8285

REV.	DATE	DESCRIPTION

des: 12-28-17

scale: 3/8" = 1"

dr. by: JAF

chk. by: JAF

drawing no.

18-06F

sheet 9 of 11

ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
E1	E-1101	2	FRAME HEAD/SILL	6063-T6	-
E2	E-1008	AS REQD.	FRAME COVER	6063-T5	-
E3	-	AS REQD.	JAMB COVER	6063-T5	-
E4	E-1102	2	FRAME JAMB	6063-T6	-
E5	E-9006	AS REQD.	SILL COVER	6063-T5	-
E6	E-1010	AS REQD.	PANEL RAIL/STILE	6005-T5	-
E7	E-1011	AS REQD.	PANEL INTERLOCK	6005-T5	-
E8	E-1018	AS REQD.	INTERLOCK COVER	6063-T5	-
E9	E-1007	1/ MOV. PANEL	TRACK	6063-T5	-
E10	E-1013	AS REQD.	REINF. ASTRAGAL	6005-T5	-
E11	E-9001	4/ PANEL	GLASS STOP (LAM. GLASS)	6063-T6	-
E12	E-1016	AS REQD.	GUTTER	6063-T5	-
E13	E-1012	AS REQD.	STD. ASTRAGAL	6005-T5	-
E14	E-1014	AS REQD.	3-5/8" SILL RISER	6063-T6	-
E16	E-1021	3/ PANEL	FIXED PANEL CLIP, AT 17" FROM ENDS & 40" O.C.	6063-T5	EACH FASTENED WITH (2) #10 X 1" FH SMS
E17	E-1022	AS REQD.	HOOK STRIP	6063-T6	-
E18	E-1023	AS REQD.	HOOK STRIP COVER	6063-T6	-
E19	E-9008	AS REQD.	INTERLOCK REINFORCING	6063-T6	-
G1	W71325NK	AS REQD.	TRI FIN PILE W/STRIPPING	-	ULTRAFAB
G2	-	AS REQD.	COMPRESSION GASKET	EPDM	DUROMETER 70±5 SHORE A
G3	G10-03	AS REQD.	OFFSET GLAZING GASKET	SANTOPRENE	DUROMETER 70±5 SHORE A
G4	G10-04	AS REQD.	WEDGE GASKET	EPDM	DUROMETER 70±5 SHORE A
G5	G10-06	AS REQD.	AIR SEAL GASKET	SANTOPRENE	ULTRAFAB
G6	G10-06	AS REQD.	INTERLOCK GASKET	POLYPROPYLENE	ULTRAFAB
G8	-	-	1/4" THK. FOAM PAD	POLYETHYLENE	-
G9	G10-09	-	AIR SEAL BRIDGE AT INTERLOCK	POLYAMIDE	-
G10	-	-	AIR SEAL BRIDGE AT MTC. STILE	POLYAMIDE	-
G11	-	AS REQD.	SETTING BLOCKS	EPDM	DUROMETER 60±5 SHORE A
A1	A10-01	-	ALIGNMENT CORNER	6063-T5	-
A3	E-9005	-	CORNER KEY	6063-T6	-
L1	L10-01	-	2 POINT MORTISE LOCK & HANDLE	-	INTERLOCK
L2	PS01-7102	-	2 POINT MORTISE LOCK & HANDLE	-	INTERLOCK
L3	PS01-1005	-	ADJUSTABLE STRIKER	-	INTERLOCK
L5	E-1017	-	LOCK RECIEVER	6063-T5	-
M1	M10-10A	2 PANEL	ROLLER ASSEMBLY AT 9" FROM ENDS	ST. STEEL/ACETAL	FASTENED WITH (2) 12-24 X 3/4" PH MS
M6	M10-06	AS REQD.	PANEL GUIDES	NYLON	-
M7	M10-07	AS REQD.	PANEL GUIDES	NYLON	-
S1	#12 X 1 1/2"	4/ CORNER	FRAME ASSEMBLY FASTENERS	ST. STEEL	HWM 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 RECIEVER FASTENERS	AISI 304	PHILIP PH SMS
S4	#10 X 1/2"	AS REQD.	PANEL ASSEMBLY FASTENERS	ST. STEEL	FH SMS

SEALANT:

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

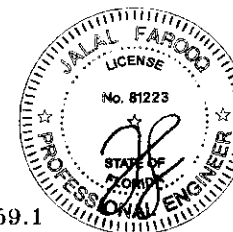
LOCKS:

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

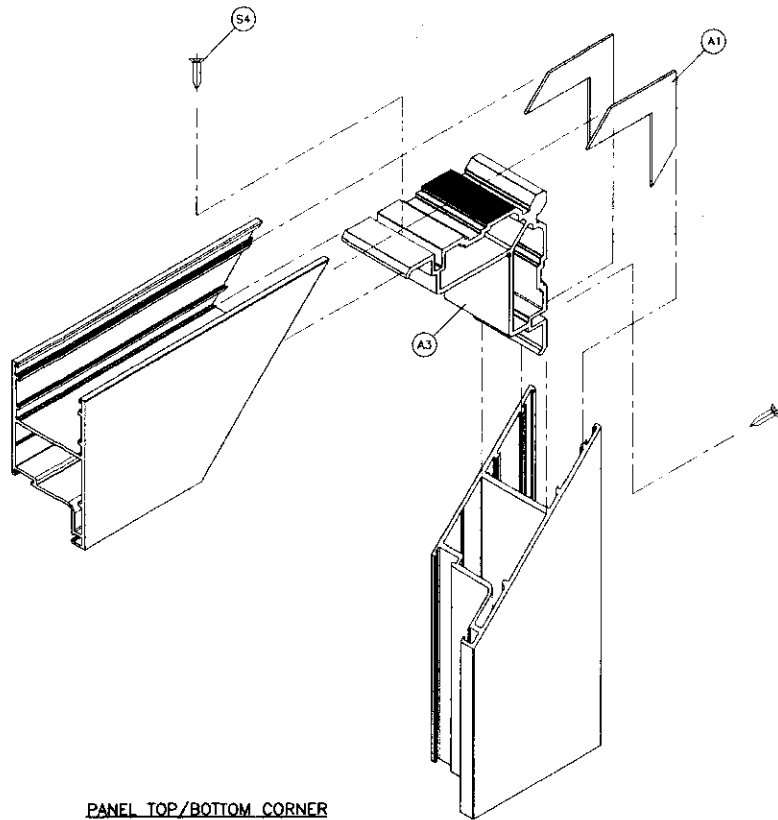
SURFACE MOUNT METALLIC KEEPER FACING LOCK AT 38 1/2" FROM BOTTOM FASTENED WITH
(1) #14 X 2-7/8" FH SDS AND
(1) 12-24 X 1/2" PH MS

Sealed: 7/24/2023

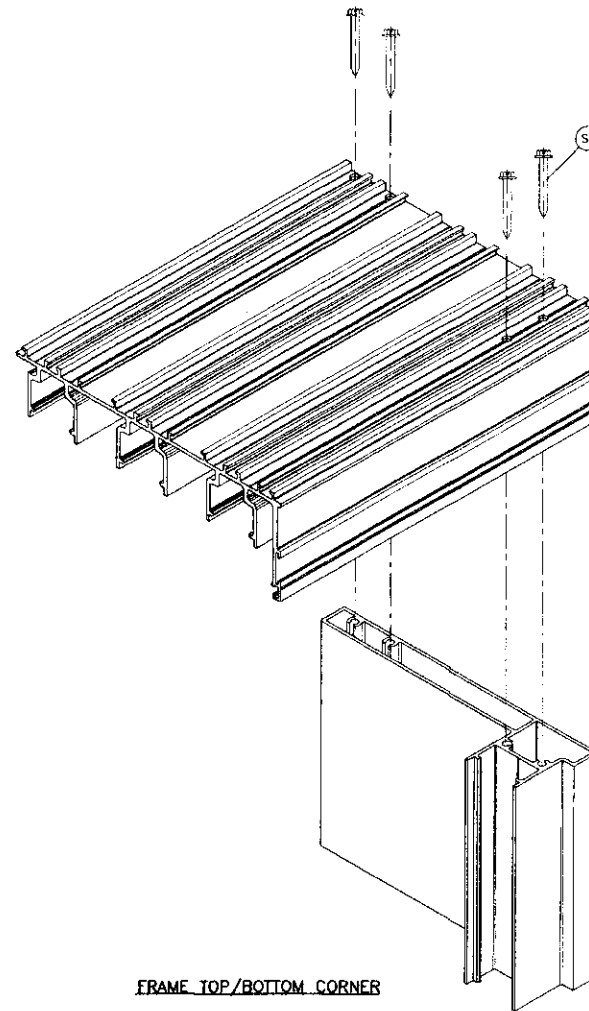


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SERIES 1100 ALUM SLIDING GLASS DOOR (L.M.I.) MP-GLASS DOORS & WINDOWS MANUFACTURING, LLC 8051 N.W. 79th Place Medley, FL. 33166 Tel. (305) 764-3963 Fax. (305) 470-8285		Revisions: no. date by description 1 12-28-17 2 3/8" = 1" dr. by: JAF chg. by:	
drawing no. 18-06F		sheet 10 of 11	



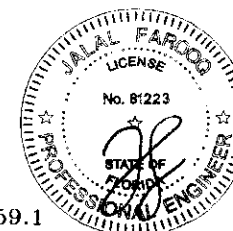
PANEL TOP/BOTTOM CORNER



FRAME TOP/BOTTOM CORNER

Sealed: 7/24/2023

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sheet 11 of 11	