



Product Approval
USER: Public User

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

OFFICE OF THE
SECRETARY

FL #
Application Type
Code Version
Application Status

FL19092-R6
Revision
2023
Approved

DOOR MARK:
3, 4, 6, 11

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

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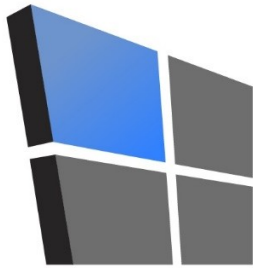
Contact Us :: [2601 Blair Stone Road, Tallahassee FL 32399](#) Phone: 850-487-1824

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Product Approval Accepts:





AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 19092

Date: 07/24/2023

Detailed Product Description:

Manufacturer: MR-GLASS DOORS & WINDOWS MANUFACTURING LLC.

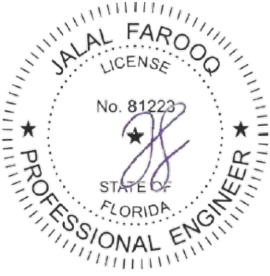
Manufacturer Address: 8051 NW 79th PLACE, MEDLEY, FL 33166

Model Name: MG-1000 ALUMINUM SLIDING GLASS DOOR

Maximum Load: +120 PSF, -140 PSF (Large Missile Impact)

Installation Drawings # W15-83

This product complies with the High Velocity Hurricane Zone (HVHZ) testing requirements.					
For maximum sizes, combination of span vs loads and anchor type refer to installation drawings.					
Comparative analysis used ☒ Yes ☐ No					
Mandatory Tests (Tested in accordance with AAMA 101/I.S.2/NAFS/TAS-202)					
TEST	DESCRIPTION	TEST LOCATION	TEST REPORT DATE	TEST REPORT #	Test Sealed by
ASTM E283	Air Infiltration Leakage	Fenestration Testing Laboratory Hurricane Engineering & Testing Inc.	10/23/2015 10/23/2015 10/25/2015 05/21/2020 05/21/2020 01/12/2021 12/20/2022	FTL-8590 FTL-8591 FTL-8594 HETI-20-8058 HETI-20-8068 HETI-20-8102 HETI-22-7283	Idalmis Ortega, P.E. Idalmis Ortega, P.E. Idalmis Ortega, P.E. Rafael E. Droz-Seda, P.E. Rafael E. Droz-Seda, P.E. Rafael E. Droz-Seda, P.E. Dr. Ram Tewari, P.E.
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Fenestration Testing Laboratory Hurricane Engineering & Testing Inc.	10/23/2015 10/23/2015 10/25/2015 05/21/2020 05/21/2020 01/12/2021 12/20/2022	FTL-8590 FTL-8591 FTL-8594 HETI-20-8058 HETI-20-8068 HETI-20-8102 HETI-22-7283	Idalmis Ortega, P.E. Idalmis Ortega, P.E. Idalmis Ortega, P.E. Rafael E. Droz-Seda, P.E. Rafael E. Droz-Seda, P.E. Rafael E. Droz-Seda, P.E. Dr. Ram Tewari, P.E.
ASTM E330 & TAS 202	Uniform Static Air Press.	Fenestration Testing Laboratory Hurricane Engineering & Testing Inc.	10/23/2015 10/23/2015 10/25/2015 05/21/2020 05/21/2020 01/12/2021 12/20/2022	FTL-8590 FTL-8591 FTL-8594 HETI-20-8058 HETI-20-8068 HETI-20-8102 HETI-22-7283	Idalmis Ortega, P.E. Idalmis Ortega, P.E. Idalmis Ortega, P.E. Rafael E. Droz-Seda, P.E. Rafael E. Droz-Seda, P.E. Rafael E. Droz-Seda, P.E. Dr. Ram Tewari, P.E.
ASTM F842	Forced Entry	Fenestration Testing Laboratory Hurricane Engineering & Testing Inc.	10/23/2015 10/23/2015 10/25/2015 05/21/2020 05/21/2020 01/12/2021 12/20/2022	FTL-8590 FTL-8591 FTL-8594 HETI-20-8058 HETI-20-8068 HETI-20-8102 HETI-22-7283	Idalmis Ortega, P.E. Idalmis Ortega, P.E. Idalmis Ortega, P.E. Rafael E. Droz-Seda, P.E. Rafael E. Droz-Seda, P.E. Rafael E. Droz-Seda, P.E. Dr. Ram Tewari, P.E.

Supplemental Tests (Tested in accordance with TAS-201 and TAS-203)					
TEST	DESCRIPTION	TEST LOCATION	TEST REPORT DATE	TEST REPORT #	Test Sealed by
FBC 1626.2 TAS 201 & 203 ASTM E1886/1996 ANSI Z97.1	Large Missile Impact & Cyclic	Fenestration Testing Laboratory	10/23/2015 10/23/2015 10/23/2015 10/23/2015 10/23/2015	FTL-8590 FTL-8592 FTL-8596 FTL-8593 FTL-8591	Idalmis Ortega, P.E. Idalmis Ortega, P.E. Idalmis Ortega, P.E. Idalmis Ortega, P.E. Idalmis Ortega, P.E.
		Hurricane Engineering & Testing Inc.	05/21/2020 05/21/2020 01/12/2021 12/20/2022	HETI-20-8058 HETI-20-8068 HETI-20-8102 HETI-22-7283	Rafael E. Droz-Seda, P.E. Rafael E. Droz-Seda, P.E. Rafael E. Droz-Seda, P.E. Dr. Ram Tewari, P.E.
Under the limitations of the attached installation drawings, to the best of my knowledge and ability, the above product conforms to the requirements of the 2023 Florida Building Code.					
Evaluation Report Engineer: Jalal Farooq Al-Farooq Corporation			 PE # 81223 EB # 3538 Sealed: 7/24/2023		

**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.



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

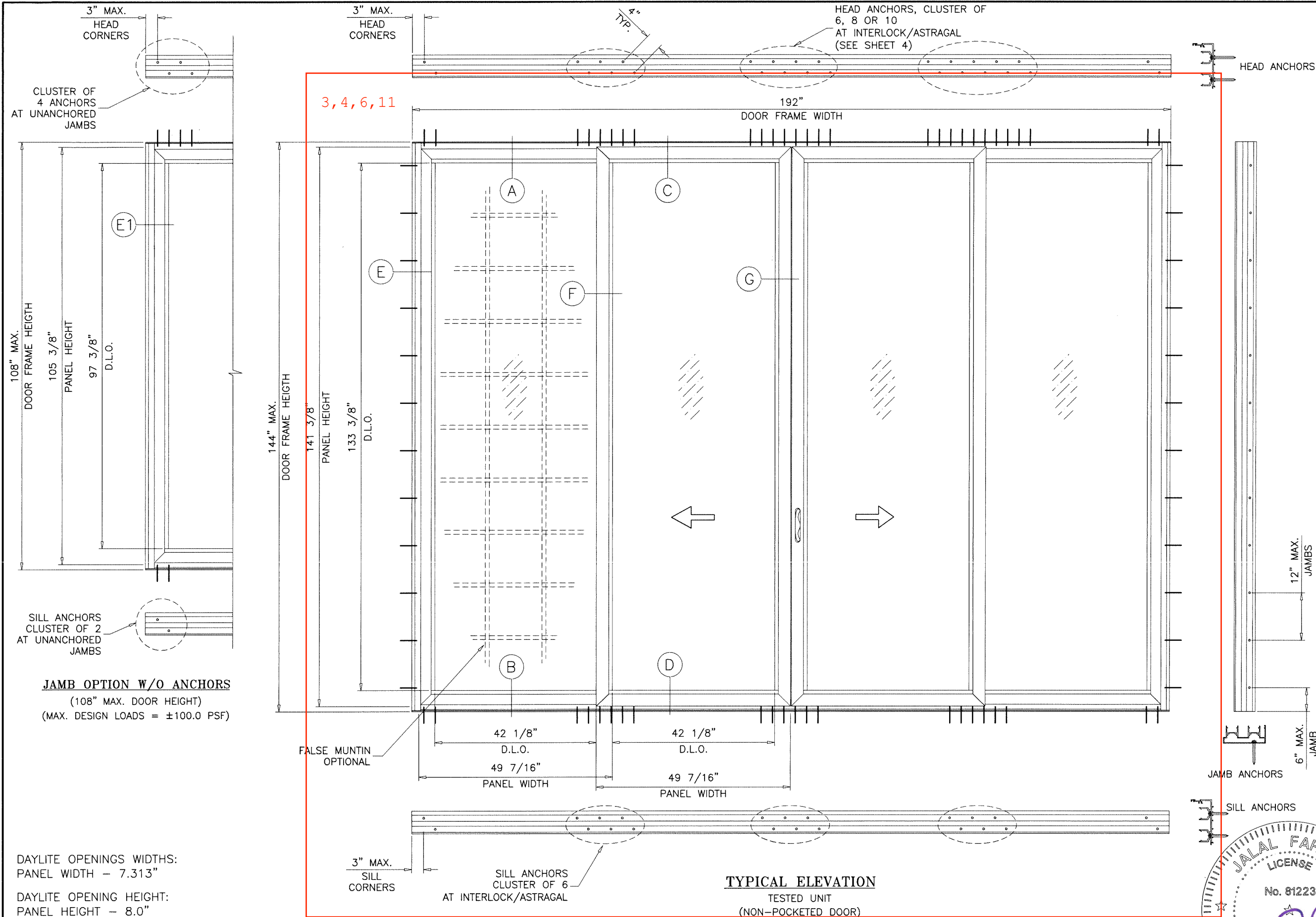
MG-1000 ALUM SLIDING GLASS DOOR (L.M.I.)
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL. 33166
Tel. (305) 764-3963 Fax. (305) 470-8285

revisions:		no	date	by	description
C	01.19.18	D	01.21.21		UPDATED TO 2017 FBC GENERAL REVISION
E	01.13.23	F	07.21.23		NEW TEST ADDED UPDATED TO 2023 FBC

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

drawing no.
W15-83
sheet 1 of 17

COMP-ANL\W15-83MG



af c

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9360 SUNSET DRIVE, SUITE 220
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COMP-ANL W15-83MG

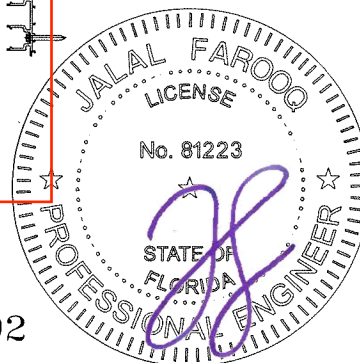
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revisions:	
no	date by description

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

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



Sealed: 7/24/2023
FL #19092

120" MAX.
DOOR FRAME HEIGHT

POCKET CAVITY NOT BY 'MR-GLASS'
NOT PART OF THIS APPROVAL
TO BE REVIEWED BY AHJ

FALSE MUNTIN
OPTIONAL

SILL ANCHORS
CLUSTER OF 6
AT INTERLOCK

TYPICAL ELEVATION
TESTED UNIT
(POCKETED DOOR)

HEAD ANCHORS, CLUSTER OF
6, 8 OR 10
AT INTERLOCK
(SEE SHEET 4)

3" MAX.
HEAD
CORNERS

HEAD ANCHORS

117 3/8"
PANEL HEIGHT

109 3/8"
D.L.O.

42 1/8"
D.L.O.

49 7/16"
PANEL WIDTH

12" MAX.
JAMBS

6" MAX.
JAMB
CORNERS

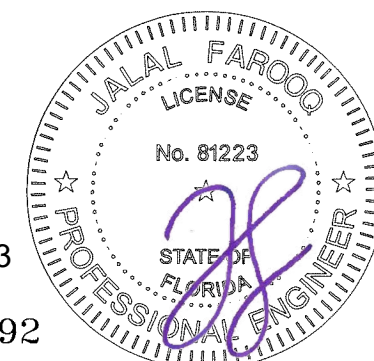
JAMB ANCHORS

SILL ANCHORS

3" MAX.
SILL
CORNERS

Sealed: 7/24/2023

FL #19092



AL-FAROOQ CORPORATION
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9360 SUNSET DRIVE, SUITE 220
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COMP-ANL\W15-83MG

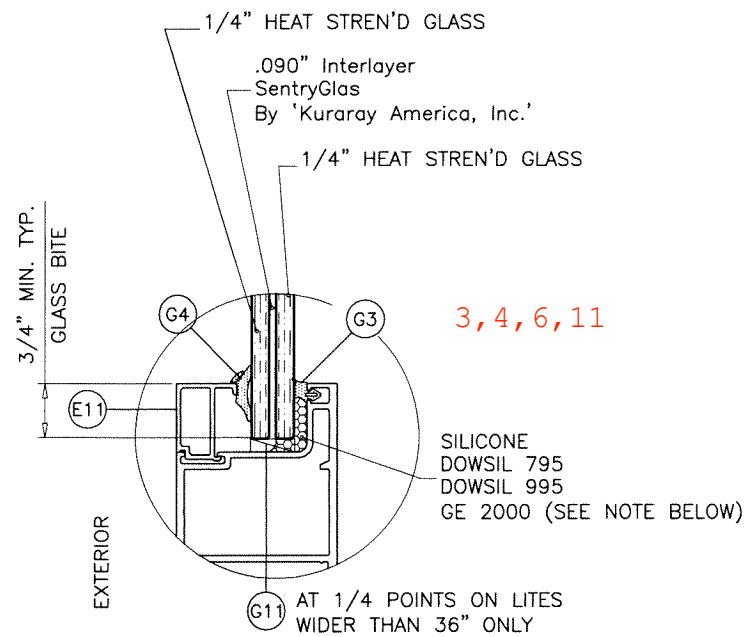
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revisions:
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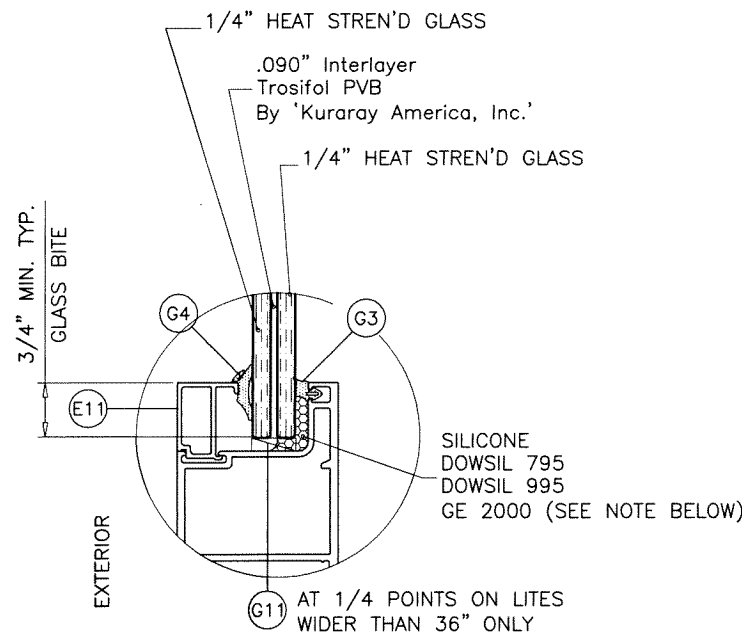
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dr. by: TARIQ
chk. by:

drawing no.
W15-83
sheet 3 of 17



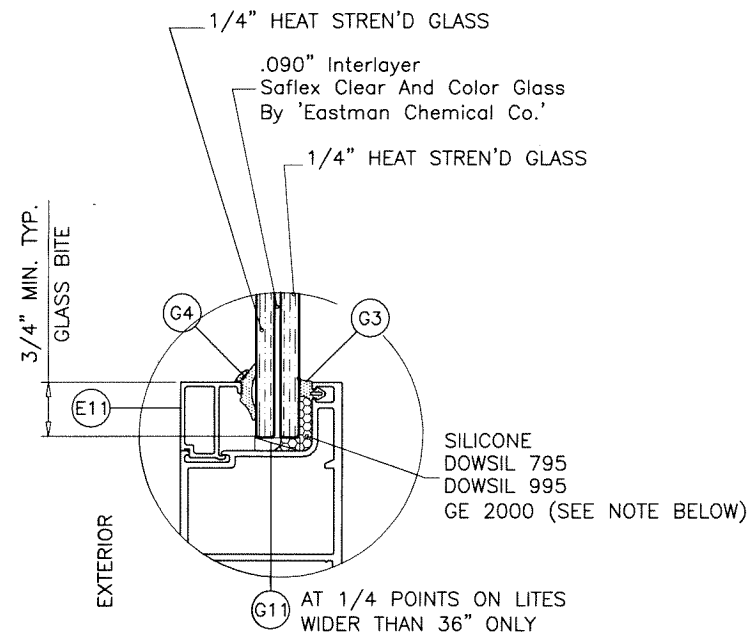
GLASS TYPE 'A'

9/16" OVERALL LAMINATED GLASS



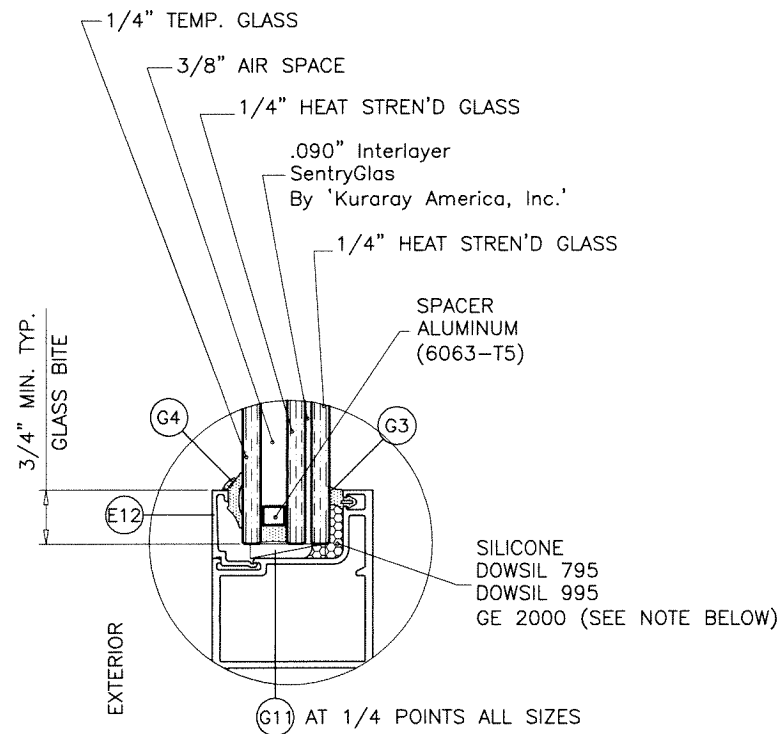
GLASS TYPE 'B'

9/16" OVERALL LAMINATED GLASS



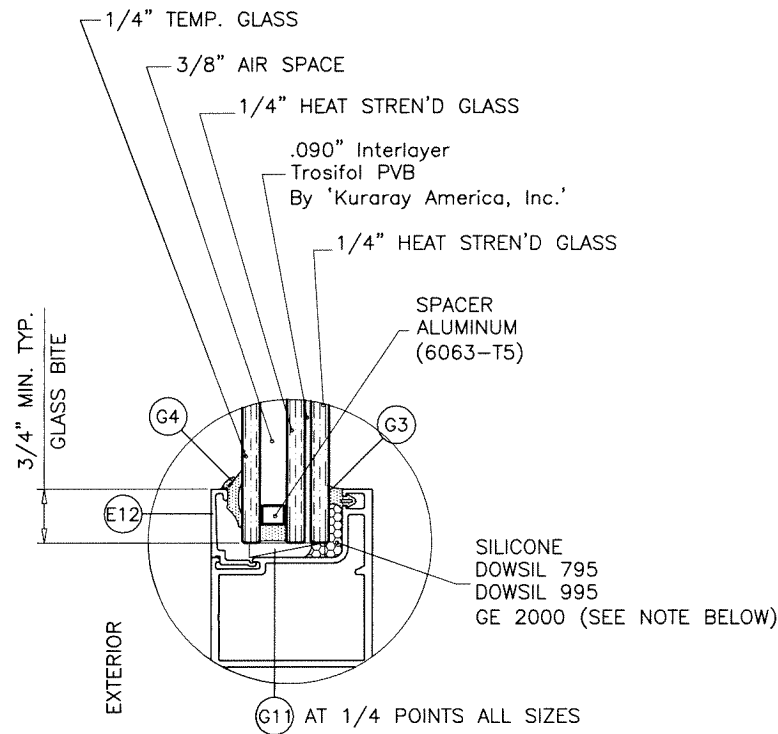
GLASS TYPE 'C'

9/16" OVERALL LAMINATED GLASS



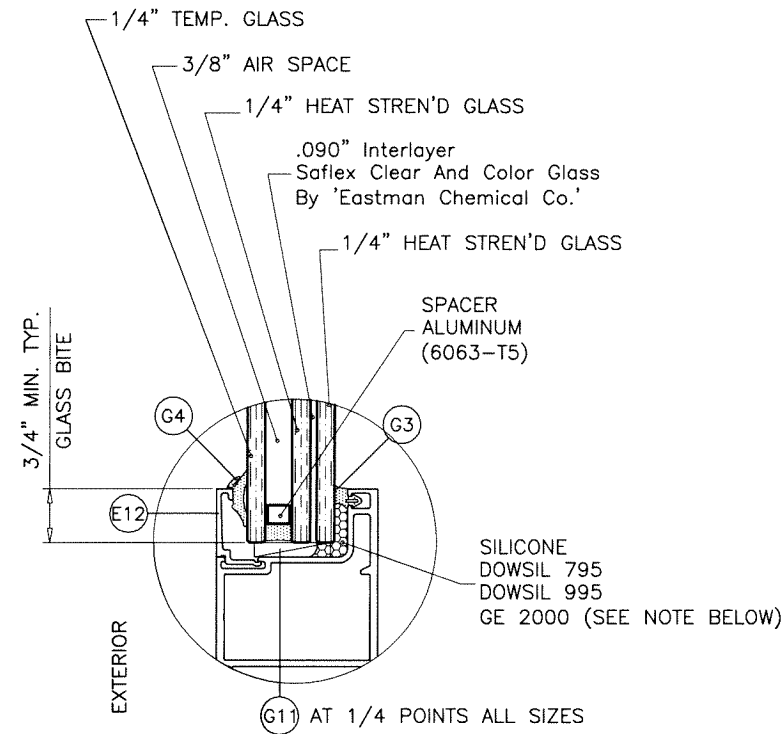
GLASS TYPE 'AI'

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



GLASS TYPE 'BI'

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



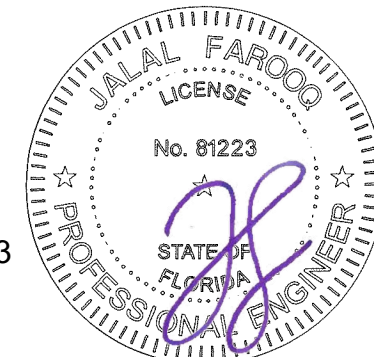
GLASS TYPE 'CI'

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



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revisions:	no	date	by	description

date: 10-28-15	scale: 3/8" = 1"	dr. by: TARIQ	chk. by:
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drawing no.

W15-83

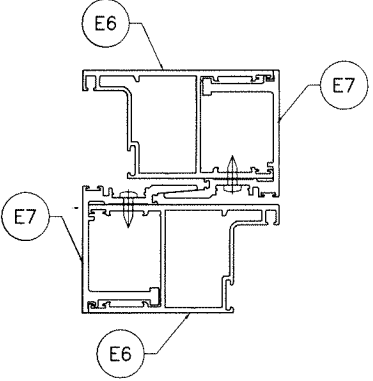
sheet 4 of 17

COMP-ANL W15-83MG

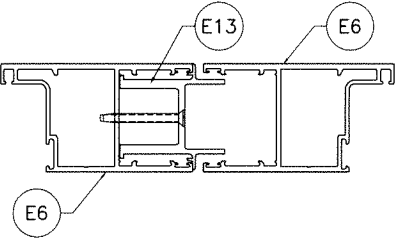
DESIGN LOAD CAPACITY – PSF															
AVERAGE PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	JAMBS W/O ANCHORS						JAMBS WITH ANCHORS							
		STD. INTERLOCK STD. ASTRAGAL						STD. INTERLOCK STD. ASTRAGAL						STD. INTERLOCK REINF. ASTRAGAL	
		GLASS TYPES 'A' & 'A1'		GLASS TYPES 'B' & 'B1'		GLASS TYPES 'C' & 'C1'		GLASS TYPES 'A' & 'A1'		GLASS TYPES 'B' & 'B1'		GLASS TYPES 'C' & 'C1'		GLASS TYPES 'A' & 'A1'	
		EXT.(+)	INT.(–)	EXT.(+)	INT.(–)	EXT.(+)	INT.(–)	EXT.(+)	INT.(–)	EXT.(+)	INT.(–)	EXT.(+)	INT.(–)	EXT.(+)	INT.(–)
30	82–7/8	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		–	–	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
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

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.

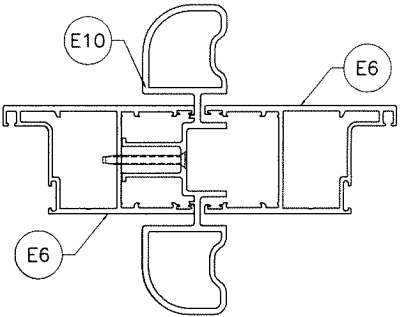
AVERAGE PANEL WIDTH = $\frac{\text{DOOR FRAME WIDTH}}{\text{NUMBER OF PANELS}}$



STD. INTERLOCK



STD. ASTRAGAL



REINF. ASTRAGAL

3, 4

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
(C.A.N. 3538)

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: TARIQ

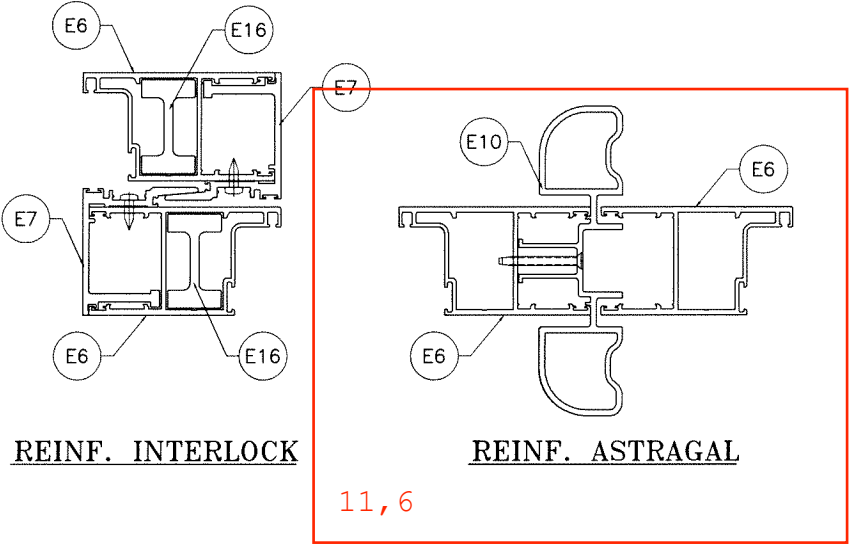
chk. by:

drawing no.

W15–83

sheet 5 of 17

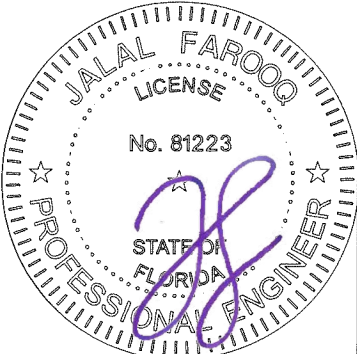
DESIGN LOAD CAPACITY – PSF			
AVERAGE PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	JAMBS WITH ANCHORS	
		REINF. INTERLOCK REINF. ASTRAGAL	
		GLASS TYPES 'A' & 'A1'	
		EXT.(+)	INT.(–)
72	96	65.0	75.0
67	102	65.0	75.0
70		65.0	70.0
64		65.0	75.0
66	108	65.0	70.0
54		65.0	75.0
60		65.0	75.0
54	120	65.0	75.0
60		65.0	75.0
30	132	65.0	75.0
36		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 = $\frac{\text{DOOR FRAME WIDTH}}{\text{NUMBER OF PANELS}}$

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 #19092



Sealed: 7/24/2023

AL-FAROOQ CORPORATION
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COMP-ANL\W15-83MG

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

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revisions:

no	date	by	description

date: 10-28-15

scale: 3/8" = 1"

dr. by: TARIQ

chk. by:

drawing no.

W15-83

sheet 6 of 17

HEAD ANCHOR LOAD CAPACITY – PSF											
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'		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	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	6 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. (–)
30	82–7/8	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
42		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
54		114.3	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
30	84	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
42		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
54		112.8	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
30	90	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
42		135.3	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
54		105.2	124.4	124.4	121.6	124.4	124.4	124.4	121.6	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
30	96	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
42		126.9	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
54		98.7	124.4	124.4	114.0	124.4	123.9	124.4	114.0	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
72		74.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
30	102	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
42		119.4	140.0	140.0	137.9	140.0	140.0	140.0	137.9	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
50		100.3	133.7	134.4	115.9	134.4	125.9	134.4	115.9	134.4	134.4
52		96.4	128.6	129.2	111.4	129.2	121.1	129.2	111.4	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
56		89.5	119.4	120.0	103.5	120.0	112.4	120.0	103.5	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
70		71.6	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
36		131.6	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
48		98.7	131.6	140.0	114.0	140.0	123.9	140.0	114.0	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
52		91.1	121.4	129.2	105.2	129.2	114.3	129.2	105.2	129.2	129.2
54		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
66		71.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
30	114	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
36		124.6	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
42		106.8	140.0	140.0	123.4	140.0	134.1	140.0	123.4	140.0	140.0
48		93.5	124.6	140.0	108.0	140.0	117.3	140.0	108.0	140.0	140.0
50		89.7	119.6	134.4	103.7	134.4	112.7	134.4	103.7	134.4	134.4
54		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

HEAD ANCHOR LOAD CAPACITY – PSF											
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'		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	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	6 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. (–)
30	120	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	136.8	140.0	140.0
42		101.5	135.3	140.0	117.3	140.0	127.4	140.0	117.3	140.0	140.0
48		88.8	118.4	140.0	102.6	136.8	111.5	140.0	102.6	136.8	140.0
54		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
30	132	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
42		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
30	144	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
42		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

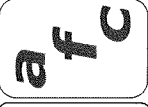
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6, 11

Sealed: 7/24/2023

FL #19092



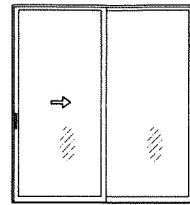
**AL-FAROOQ CORPORATION**
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 264-8100
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MC-1000 ALUM SLIDING GLASS DOOR (L.M.I.)
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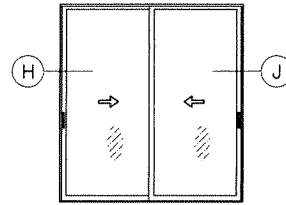
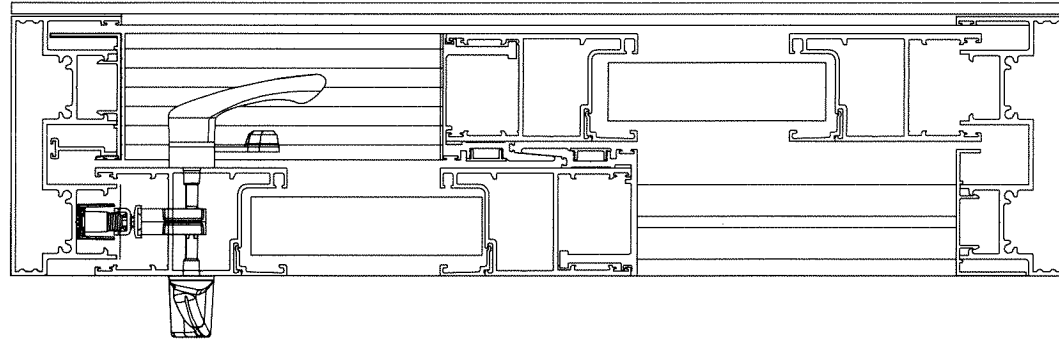
revisions:
no date by description

date: 10-28-15
scale: –
dr. by: TARIQ
chk. by:

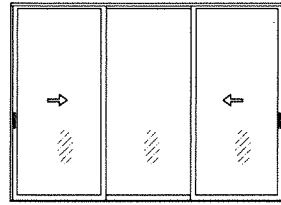
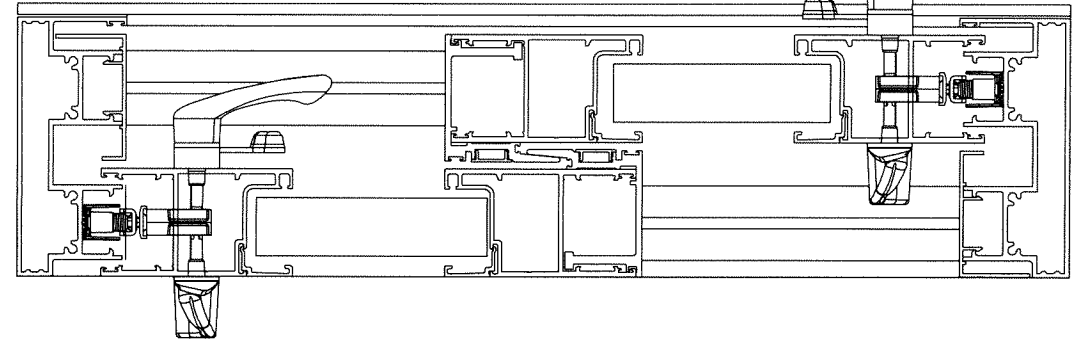
drawing no.
W15-83
sheet 7 of 17



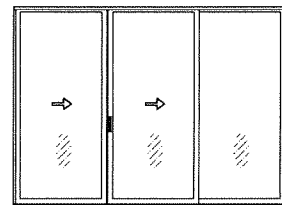
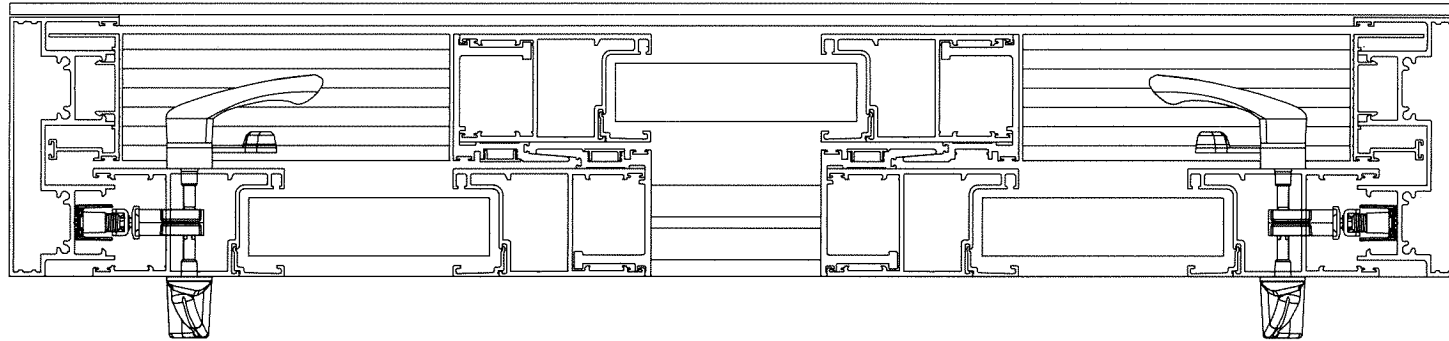
XO (SHOWN)
OX



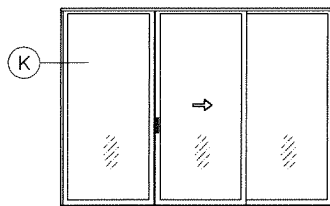
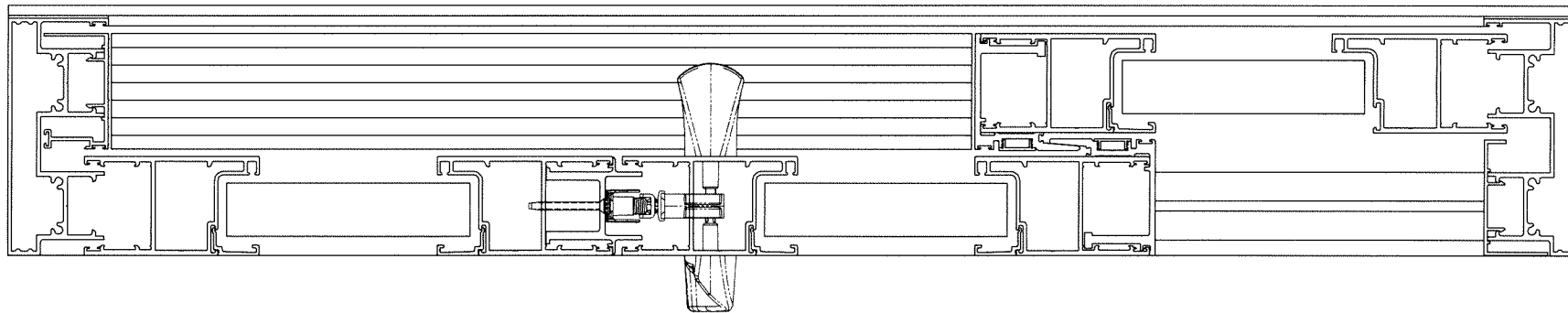
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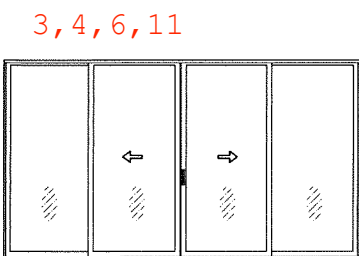
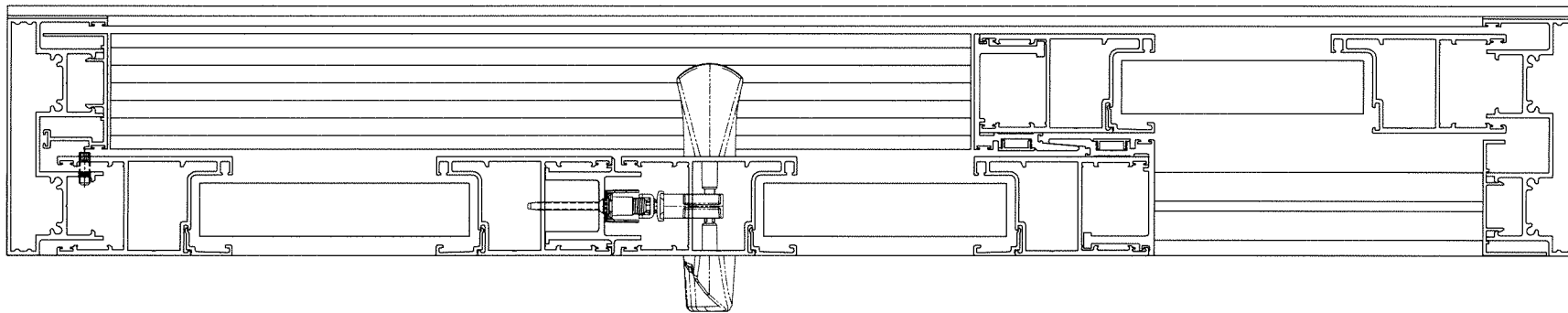
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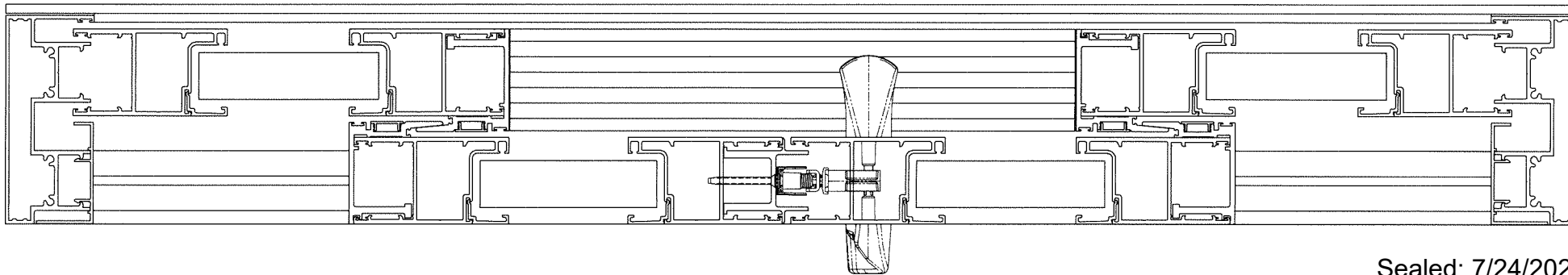
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OXO (SHOWN)



OXXO (SHOWN)



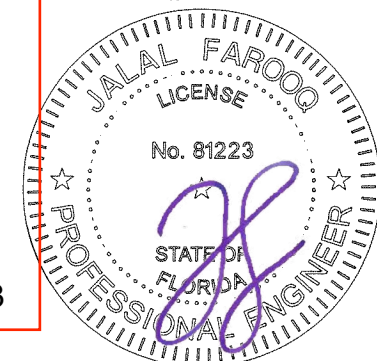
NOTE:

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.

3, 4, 6, 11

APPROVED CONFIGURATIONS
NON-POCKETED DOORS

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
C.A.N. 3538

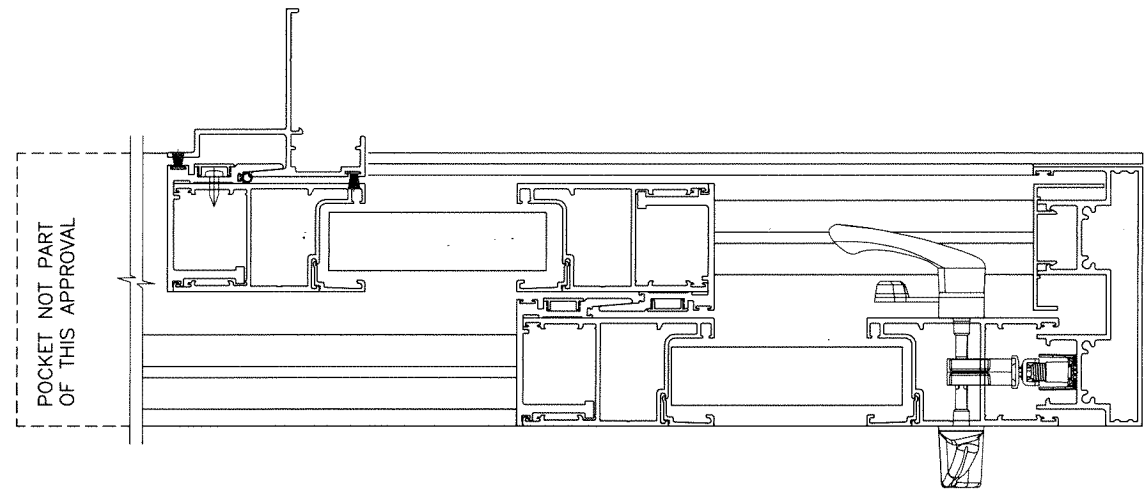
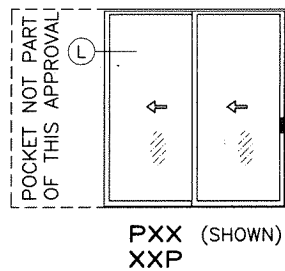
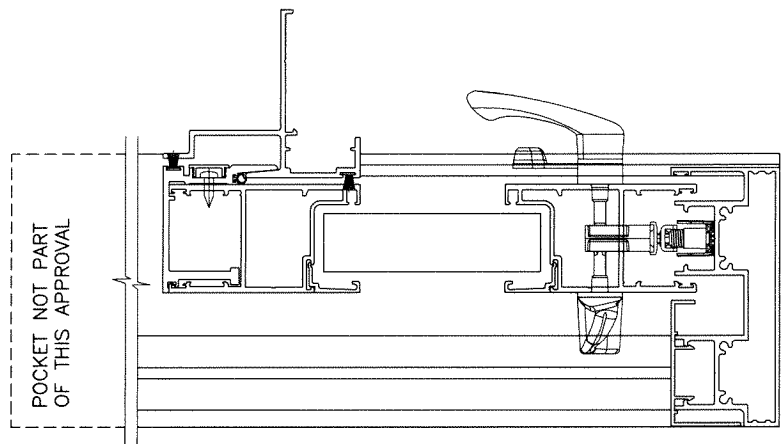
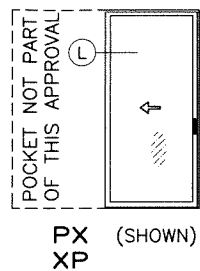
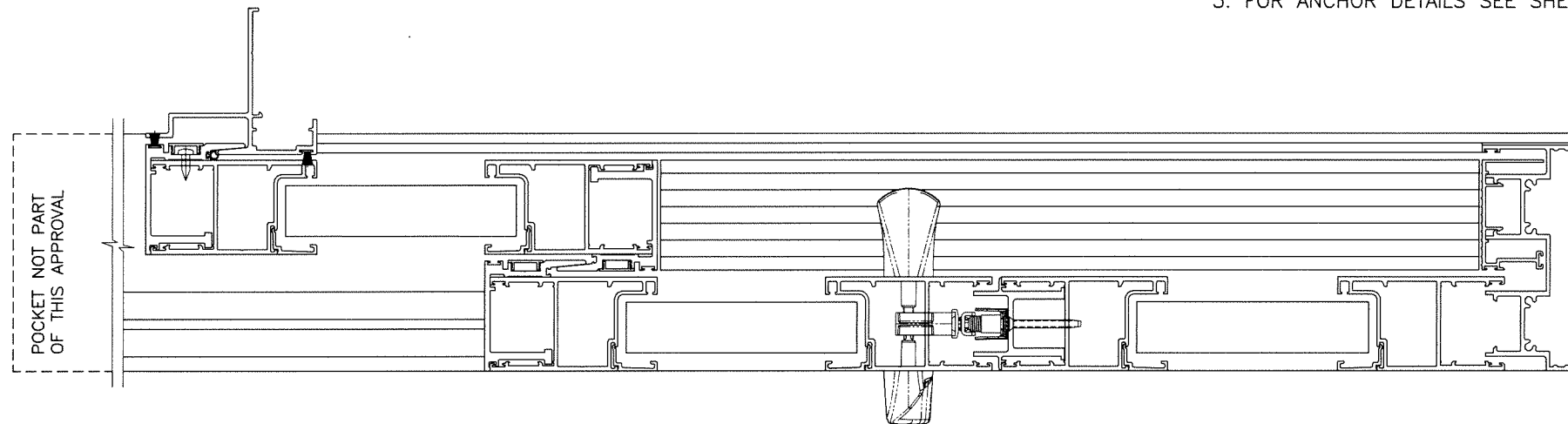
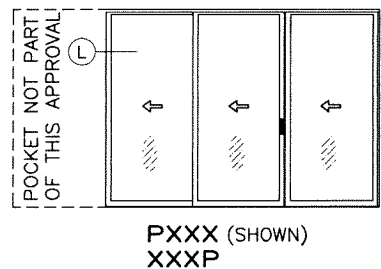
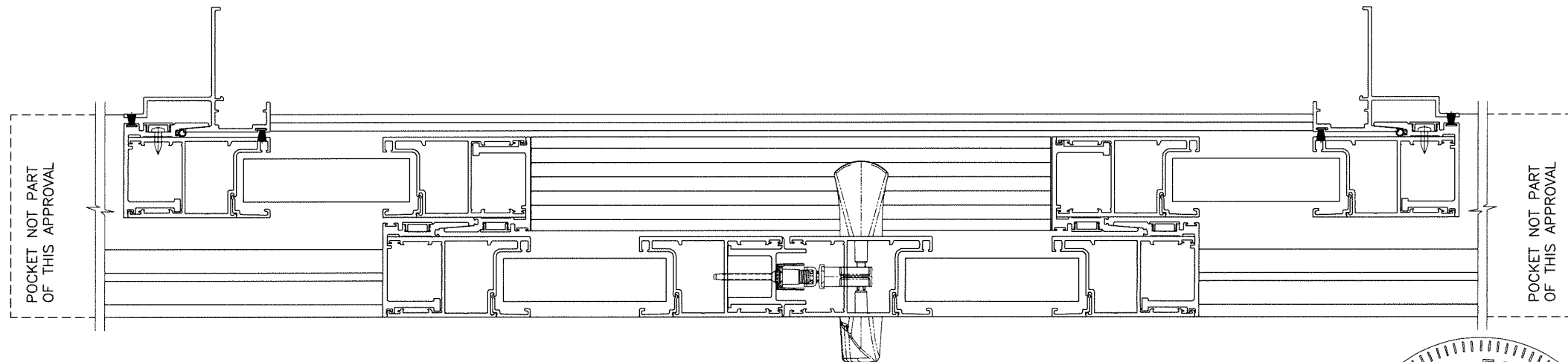
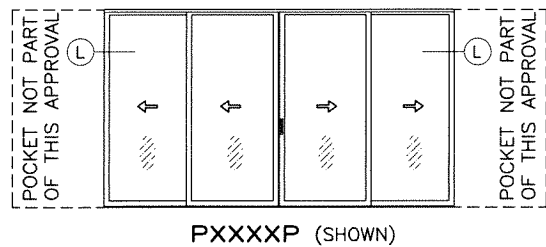
MG-1000 ALUM SLIDING GLASS DOOR (L.M.I.)
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL. 33166
Tel. (305) 764-3963 Fax. (305) 470-8285

revisions:	no	date	by	description

date:	10-28-15
scale:	-
dr. by:	TARIQ
chk. by:	

drawing no.
W15-83
sheet 8 of 17

COMP-ANL\W15-83MG



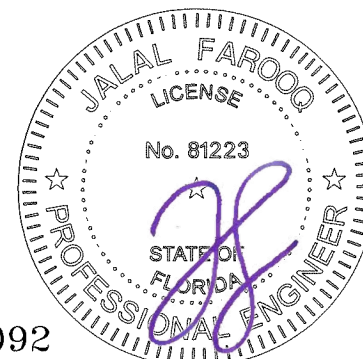
- NOTE:
1. CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSES ONLY.
 2. FOR APPLICABLE DESIGN PRESSURES SEE INSTRUCTIONS IN SHEET 1.
 3. FOR ANCHOR DETAILS SEE SHEETS 10 THRU 14.

**APPROVED CONFIGURATIONS
POCKETED DOORS**

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

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FL #19092



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

af c

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revisions:

no	date	by description

date: 10-28-15

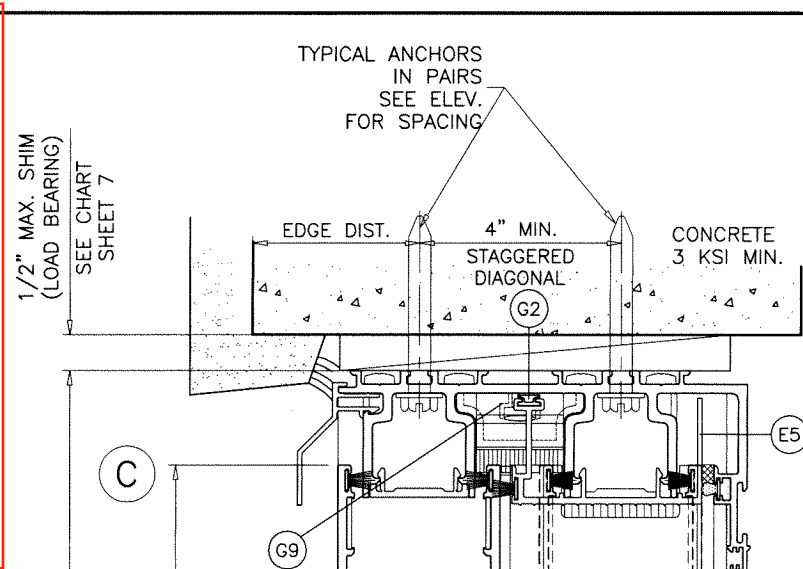
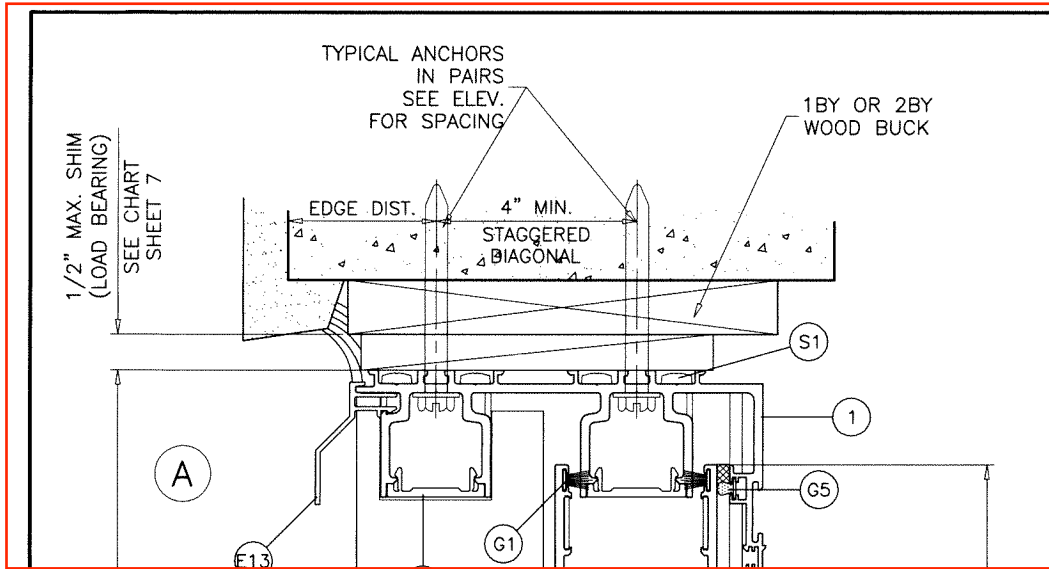
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dr. by: TARIQ

chk. by: -

drawing no.
W15-83

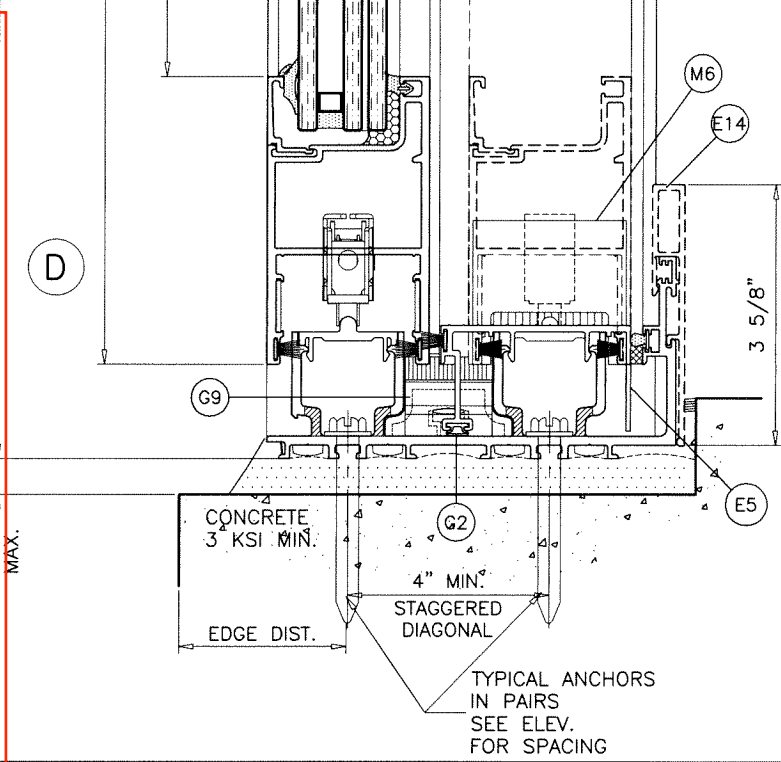
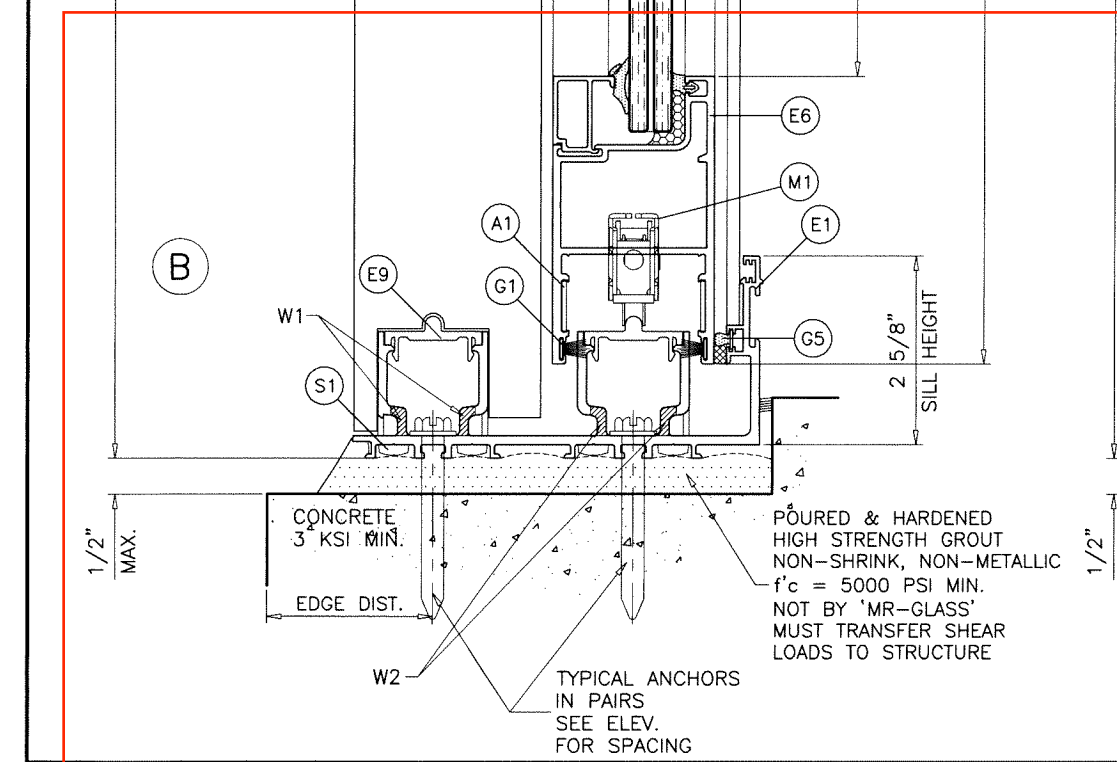
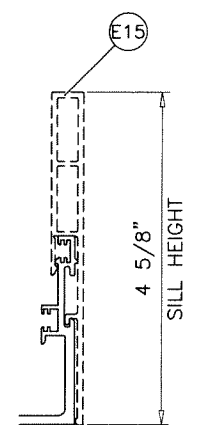
sheet 9 of 17



WEEPHOLES:

- W1 = 1/4" X 1-1/2" LONG WEEP HOLES AT 5 1/2" FROM EACH END AND 16" O.C.
- W2 = 1/4" X 1-1/2" LONG WEEP HOLES
(1) AT FIX. PANEL
(3) AT MOV. PANEL

FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED AT TWO PANEL (XX) DOORS ONLY
WITHOUT SILL RISER LIMIT MAX. EXT.(+) LOADS TO 70.0 PSF
FOR 3-5/8" SILL RISER LIMIT MAX. EXT.(+) LOADS TO 80.0 PSF
FOR 4-5/8" SILL RISER MAX. EXT.(+) LOADS = 120.0 PSF



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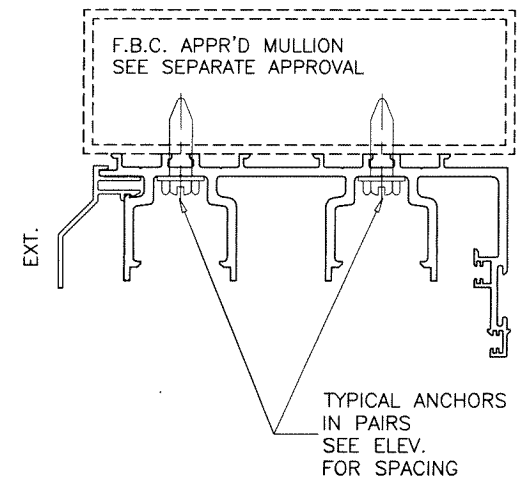
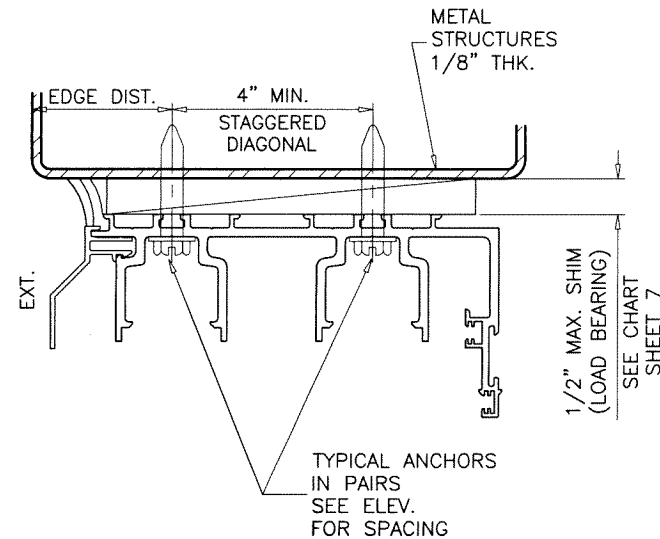
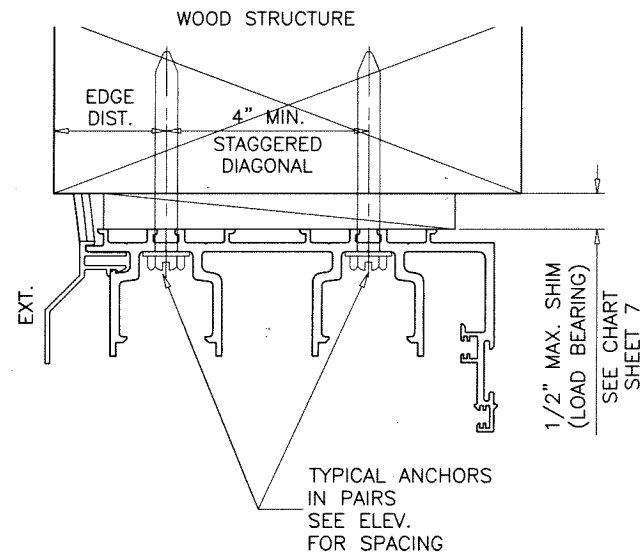
scale: 3/8" = 1"

dr. by: TARIQ

chk. by:

drawing no.
W15-83

sheet 10 of 17



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)

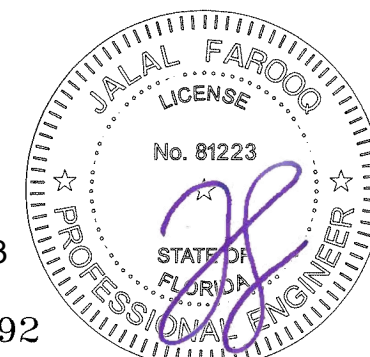
TYPICAL EDGE DISTANCE

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.

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FL #19092



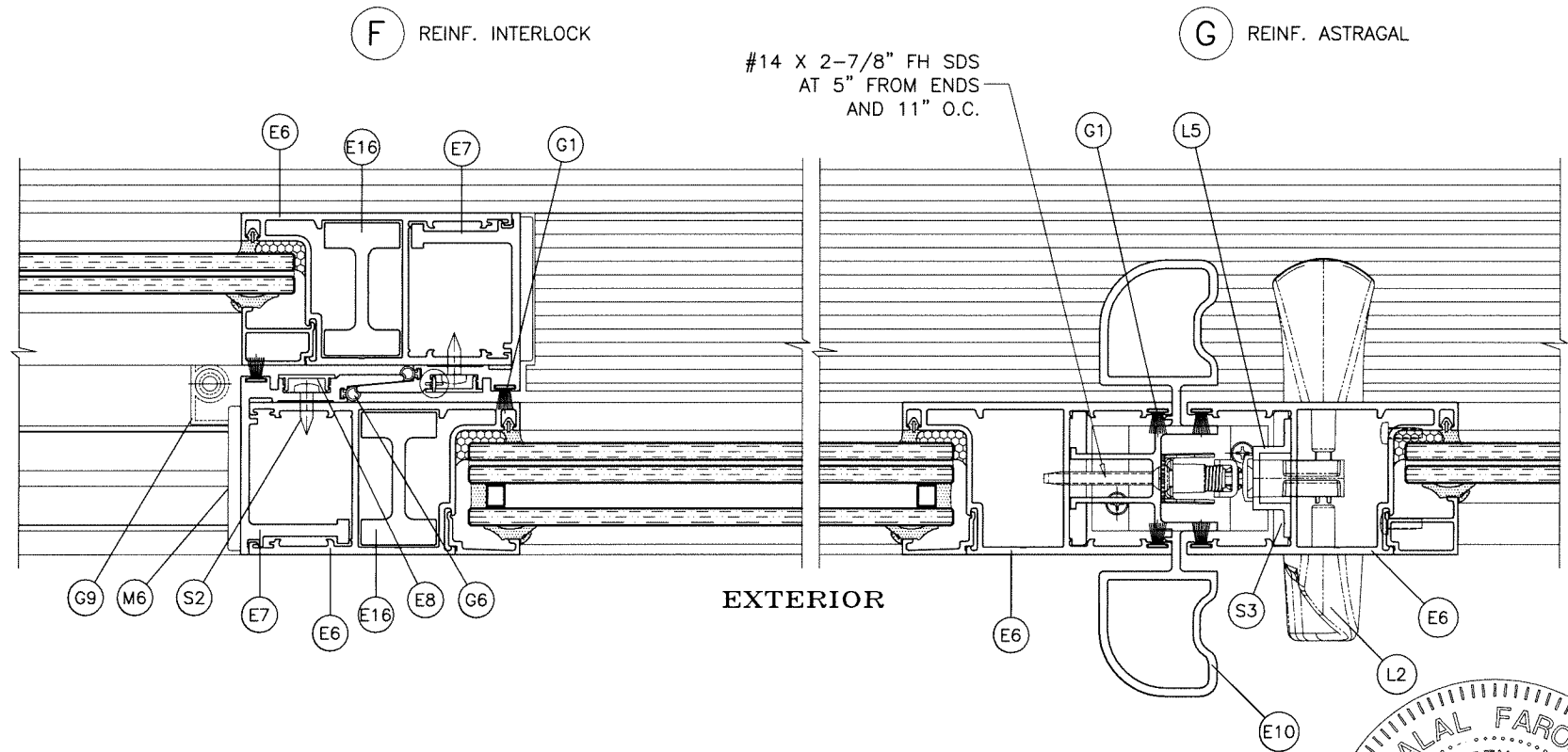
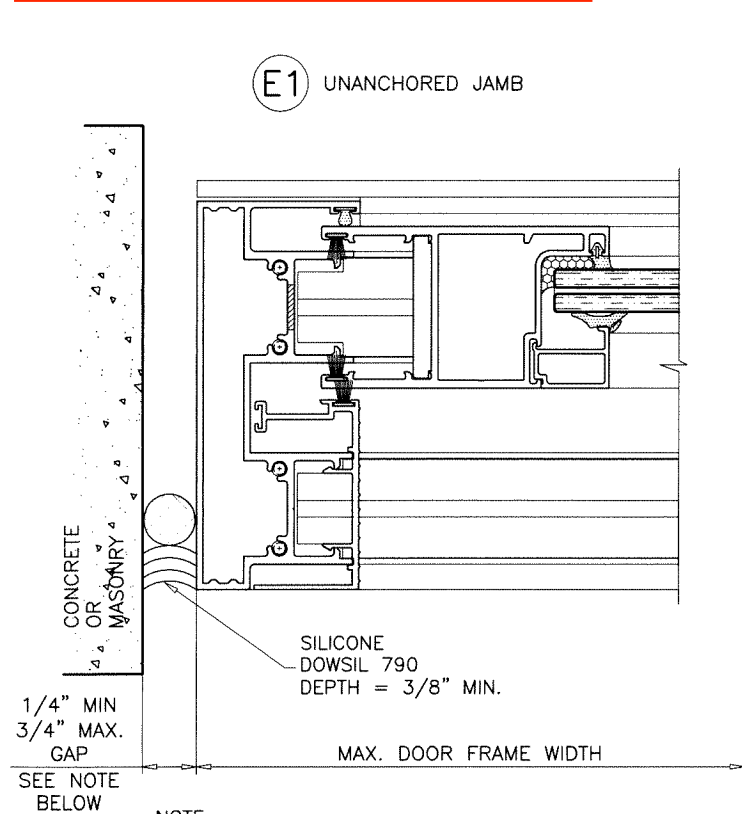
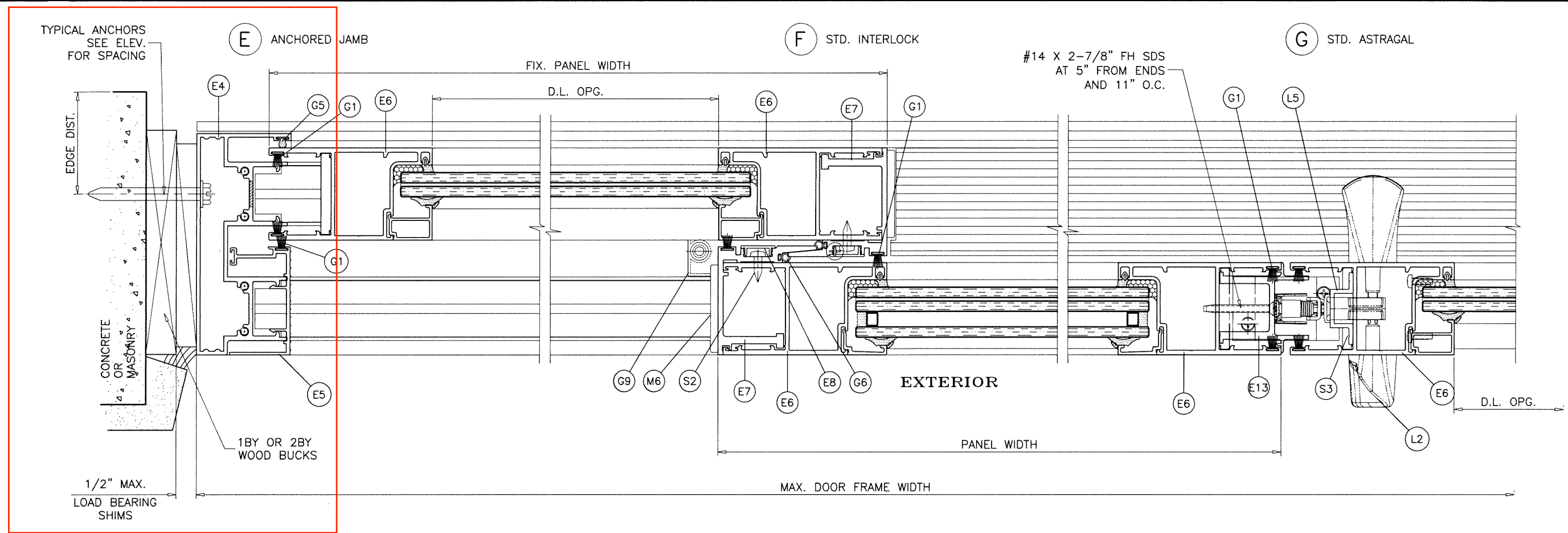
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP -ANL W15-83MG

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

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 dr. by: TARIQ
 chk. by:

drawing no.
W15-83
 sheet 11 of 17



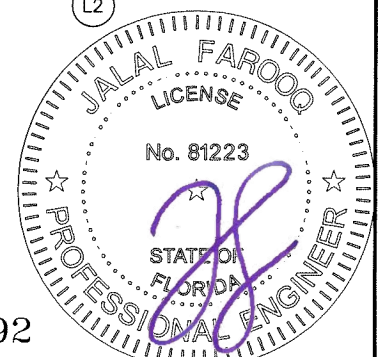
NOTE:
 MAX. MOVEMENT CONSIDERED=100% STRETCH.
 PLEASE REFER TO SEALANT MANUFACTURER'S DATA AND APPLICATION
 MANUAL FOR COMPATABILITY OF SEALANT TO SUBSTRATE & WINDOWALL
 MATERIAL/FINISH AND COMPLIANCE FOR WARRANTY.
 REFER TO ACI-117-10 FOR CONSTRUCTION TOLERANCES.

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

GAPS LESS THAN 1/4\"

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FL #19092



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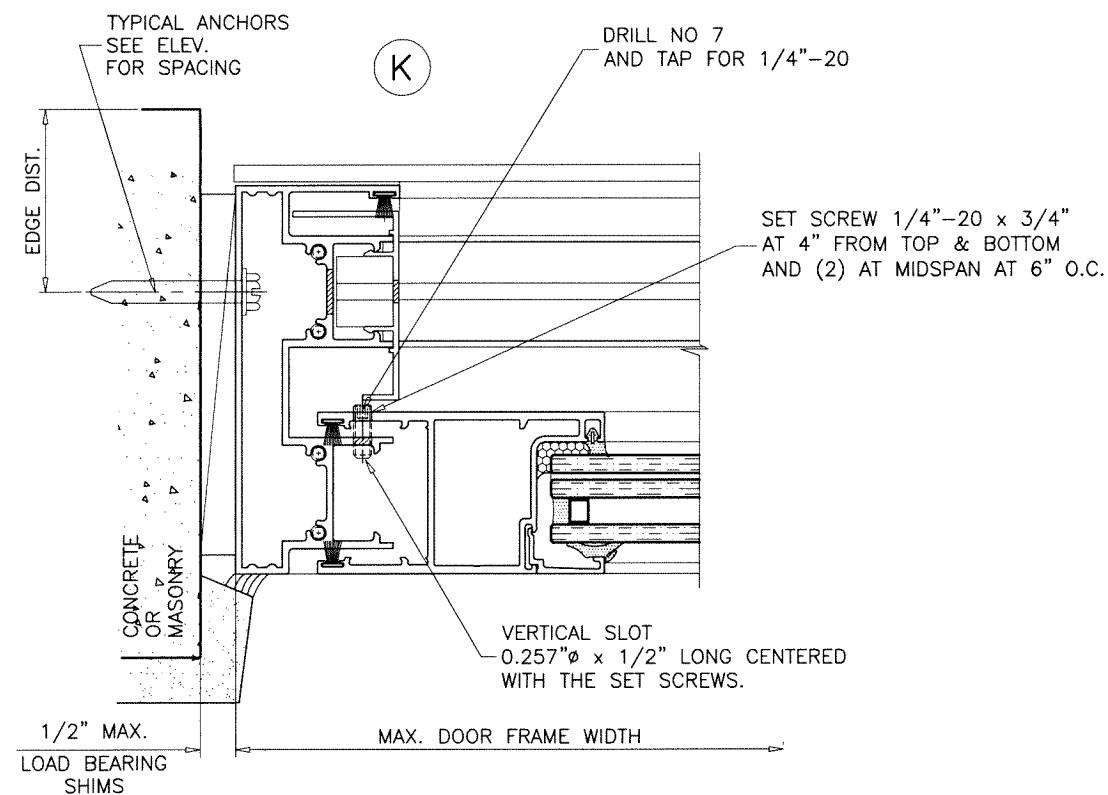
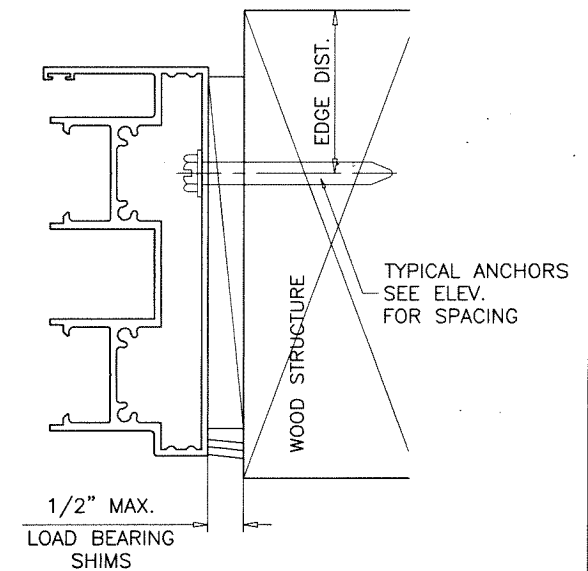
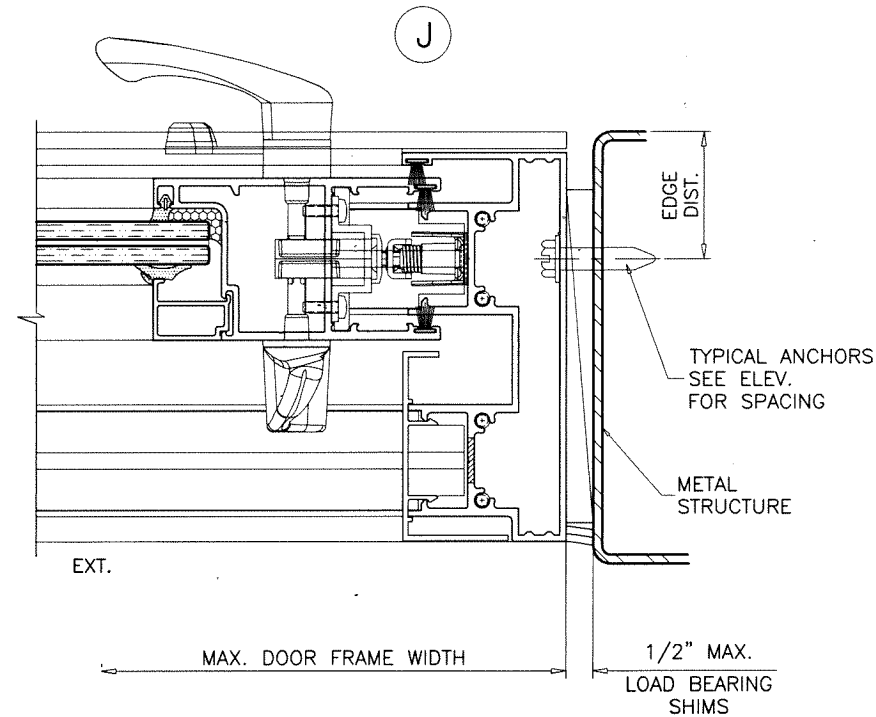
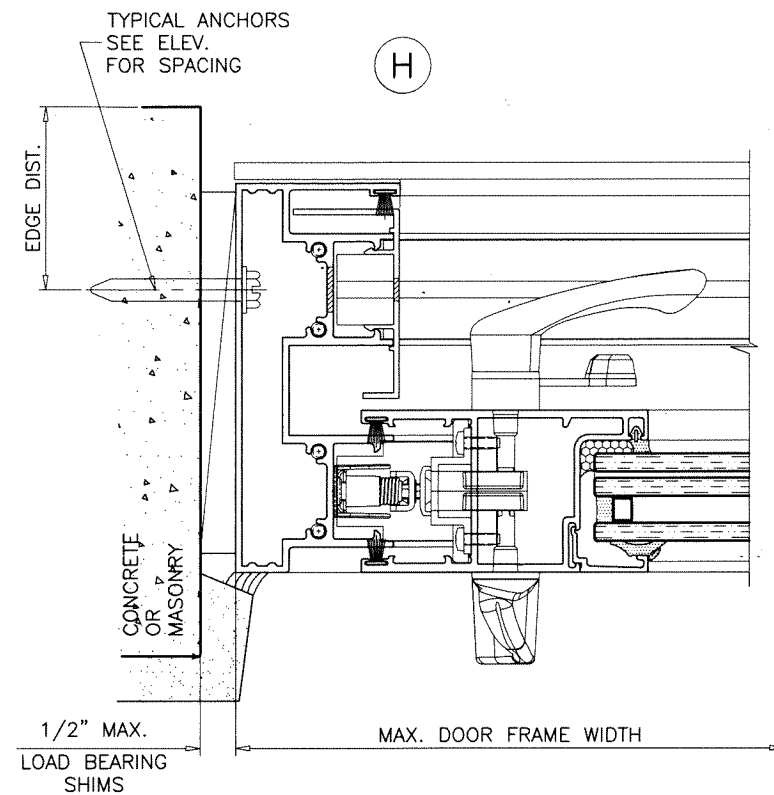
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chk. by:

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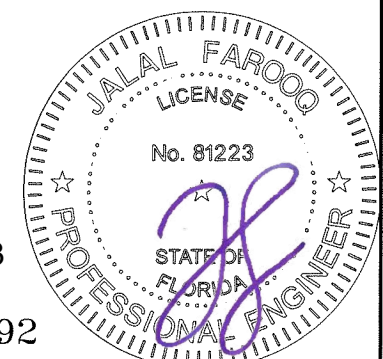
W15-83

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FL #19092



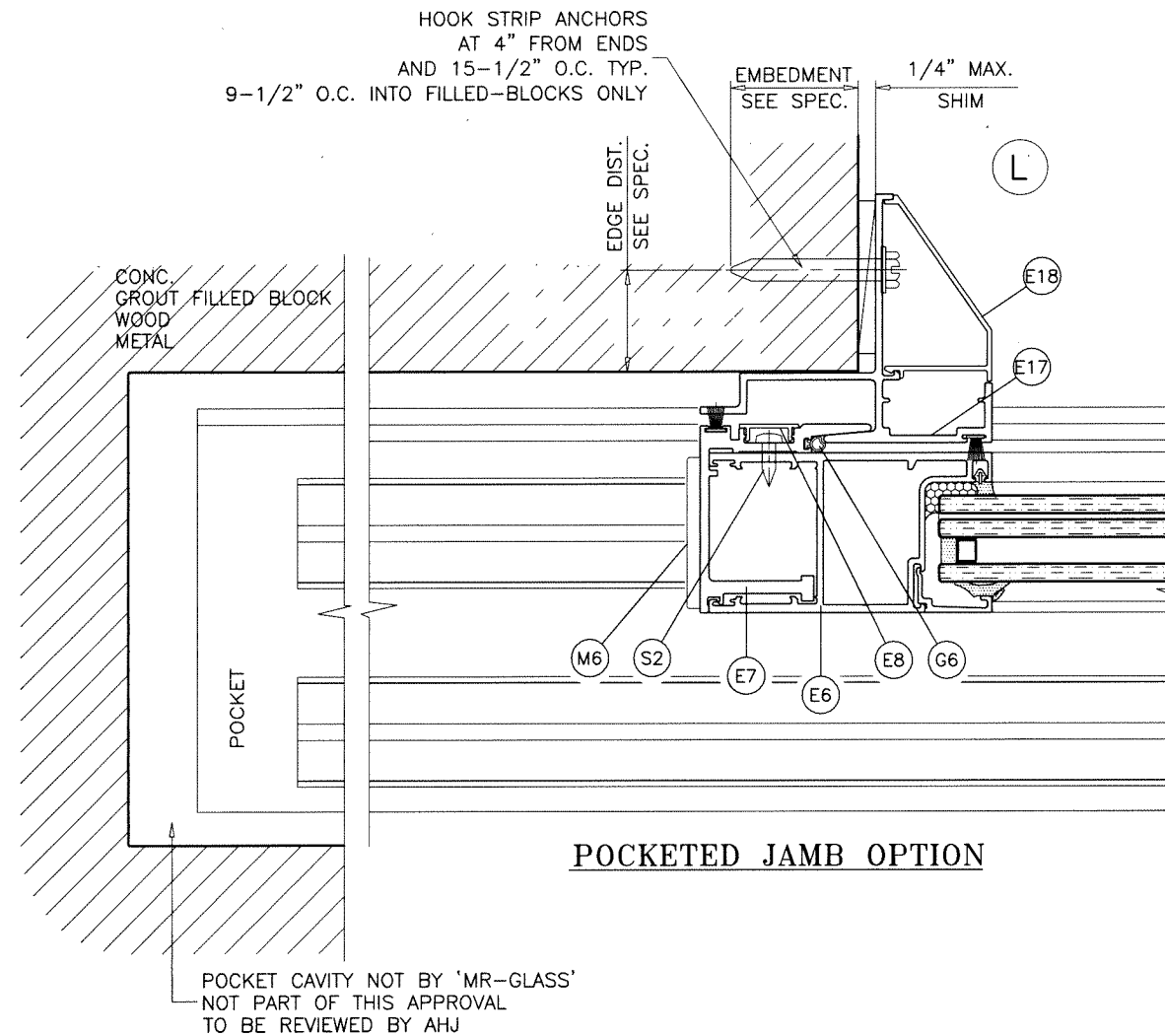
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W15-83MG

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Medley, FL. 33166
Tel. (305) 764-3963 Fax. (305) 470-8285

revisions:	
no	description

date: 10-28-15	scale: 3/8" = 1"	dr. by: TARIQ	chk. by:
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drawing no.
W15-83
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POCKETED JAMB OPTION

HOOK STRIP ANCHORS:

5/16" DIA. ULTRACON 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. ULTRACON 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)

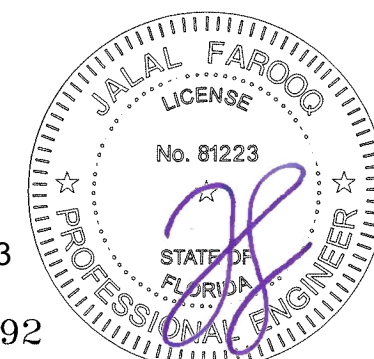
ANCHOR EDGE DISTANCES

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

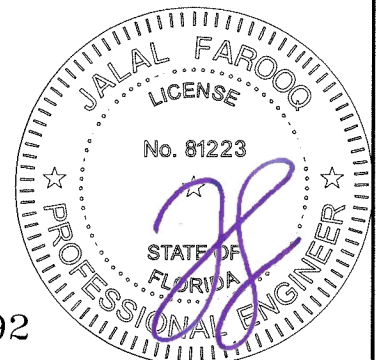
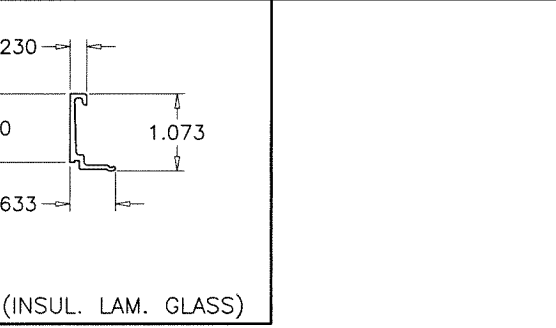
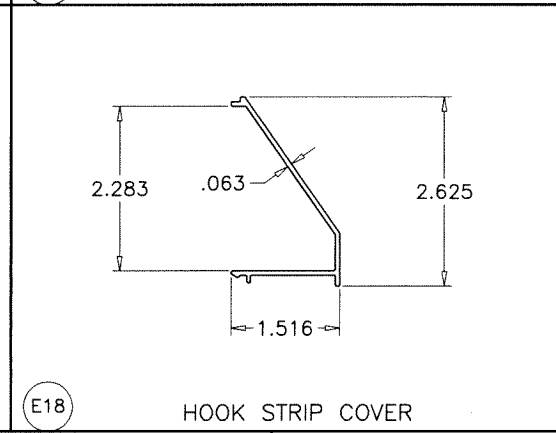
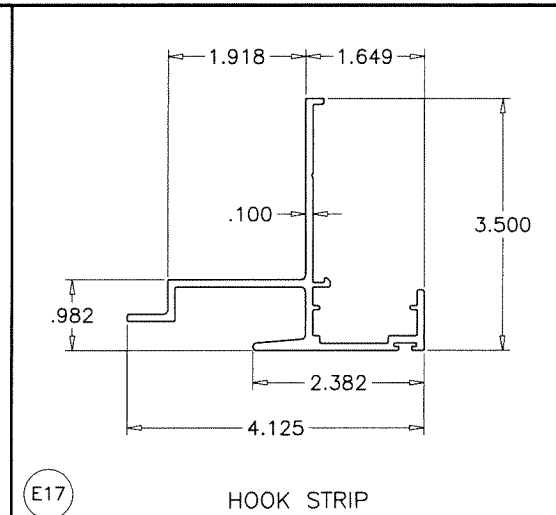
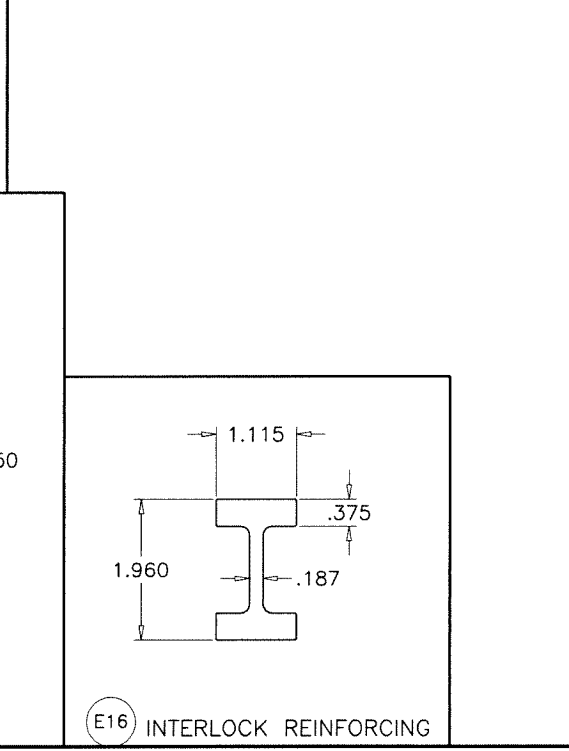
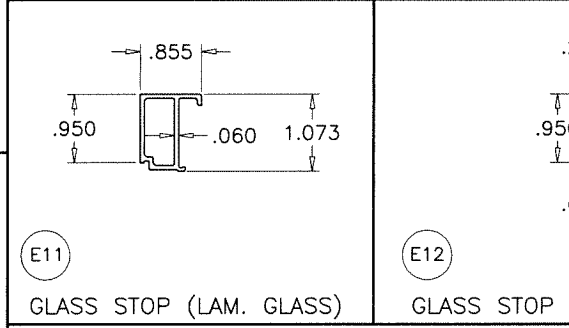
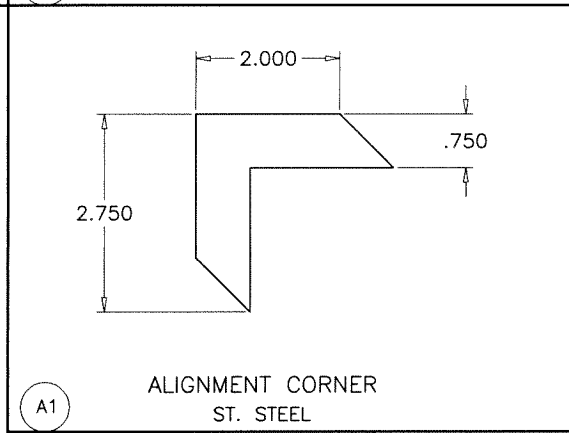
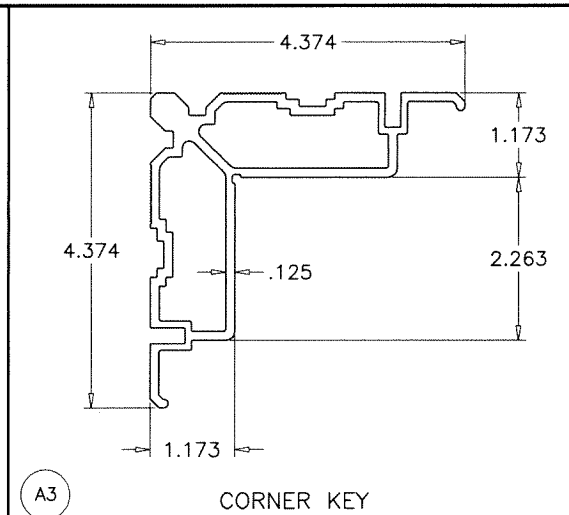
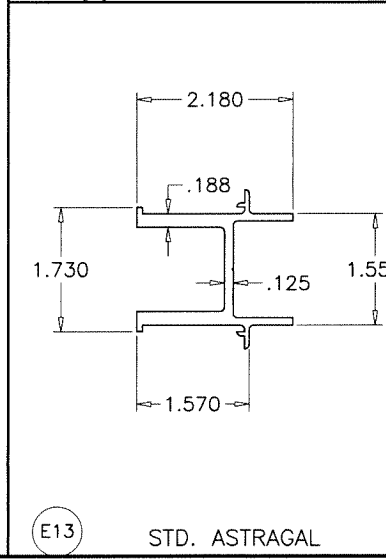
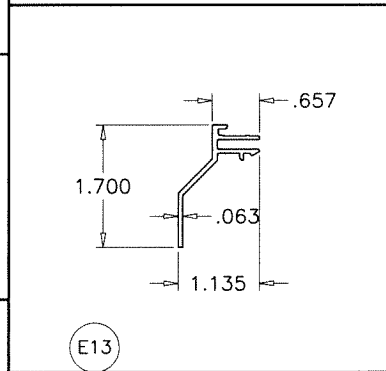
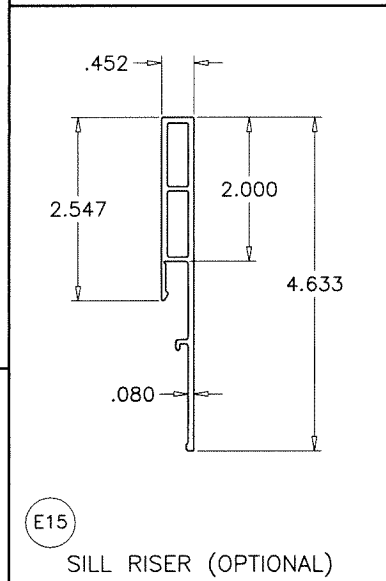
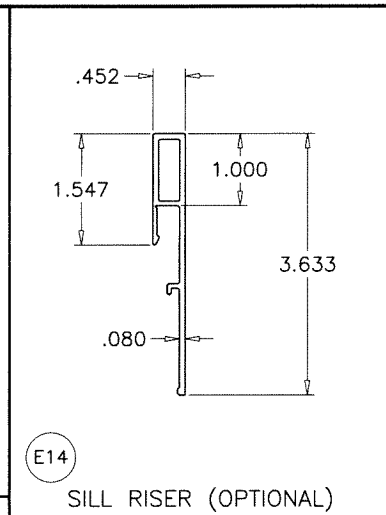
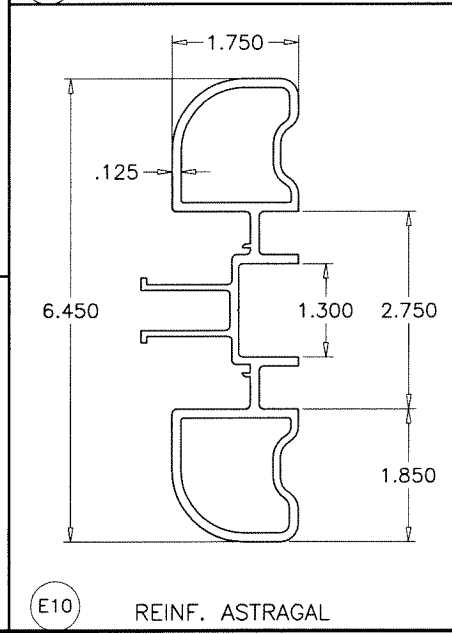
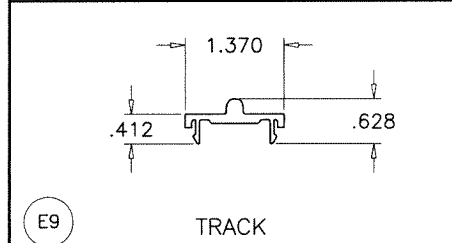
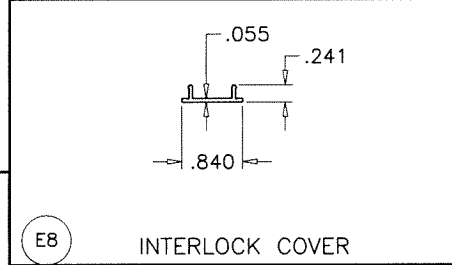
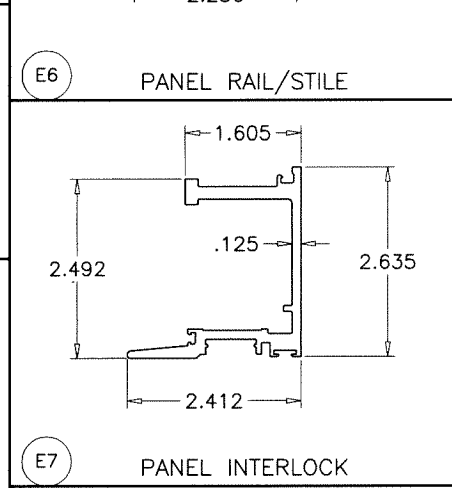
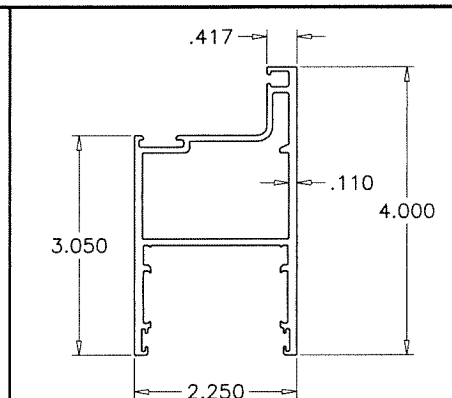
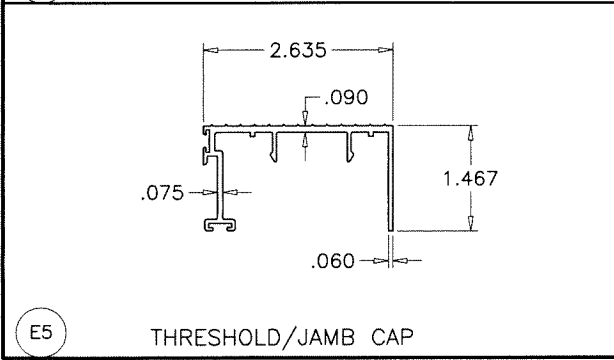
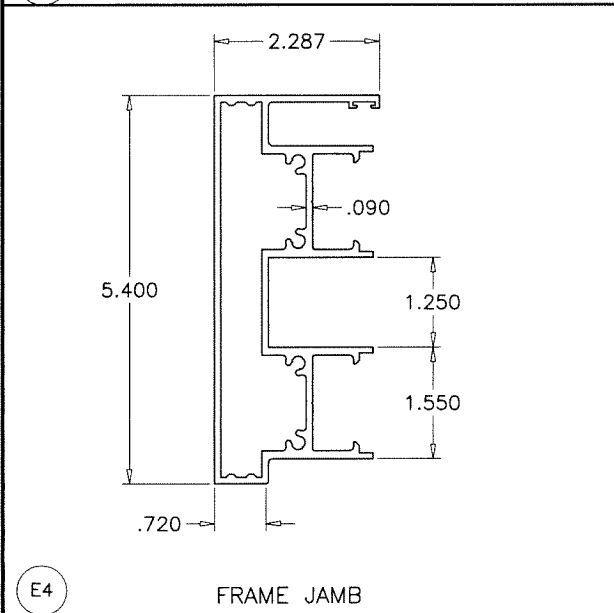
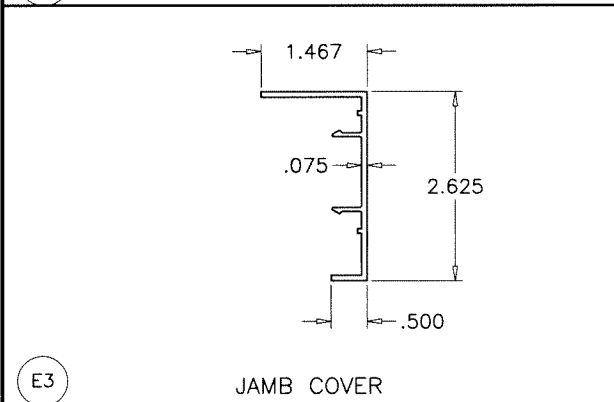
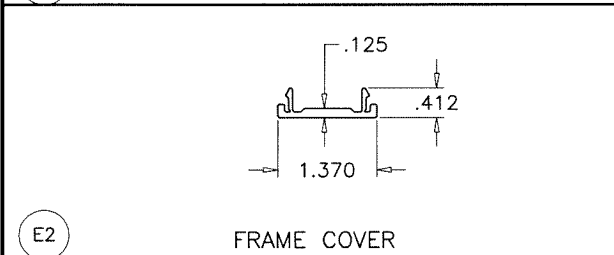
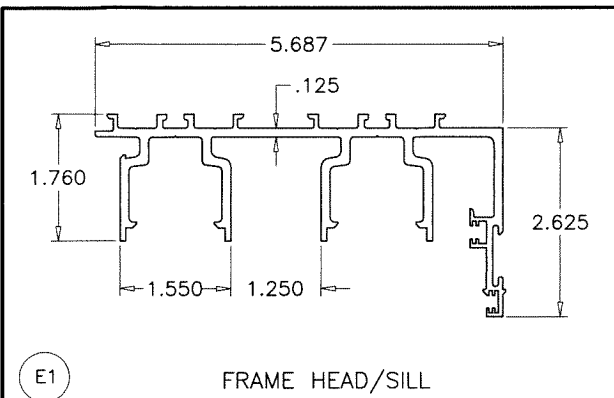
WOOD AT JAMBS SG = 0.55 MIN.
 CONCRETE AT JAMBS $f'_c = 3000$ PSI MIN.
 C-90 GROUT FILLED BLOCK AT JAMBS $f'_m = 2000$ PSI MIN.

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FL #19092



AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 TEL. (305) 264-8100 FAX. (305) 262-6978 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	date: 10-28-15 scale: 3/8" = 1" dr. by: TARIQ chk. by:																				
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no	date	by	description																		



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COMP-ANL\W15-83MG

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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	E9002	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	E9008	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 RECIEVER	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	HWH 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	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 (C.A.N. 3538)
TEL. (305) 262-6978 FAX. (305) 262-6978
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"

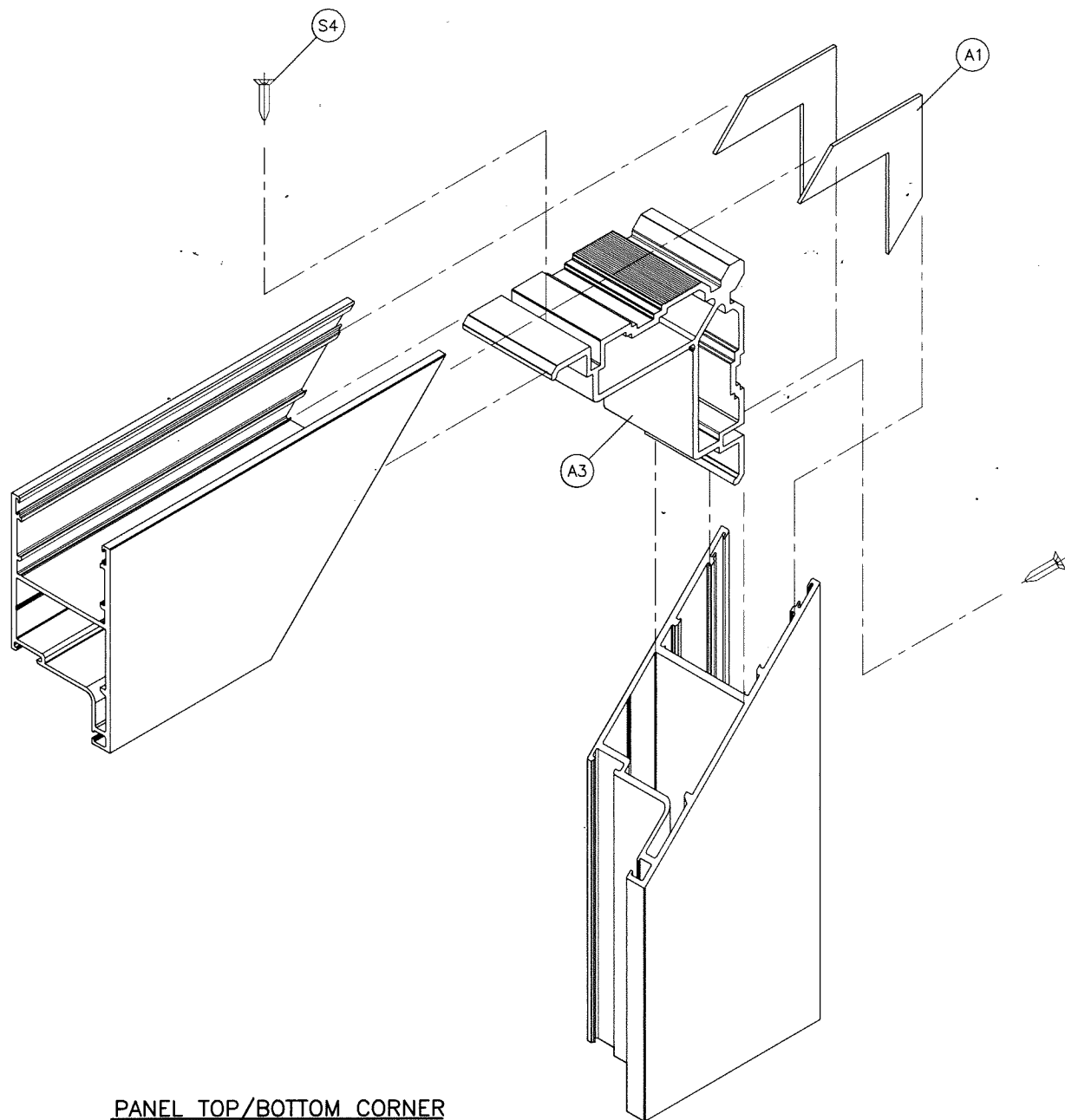
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chk. by:

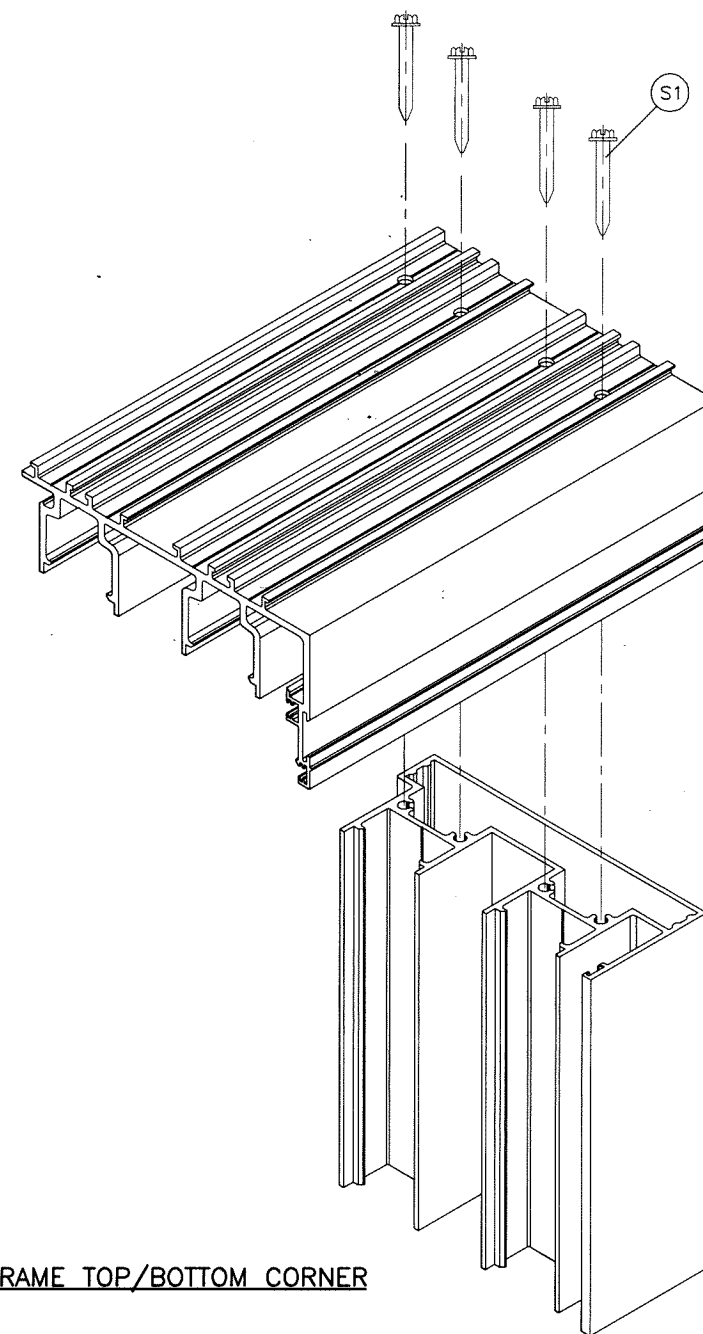
drawing no.

W15-83

sheet 16 of 17



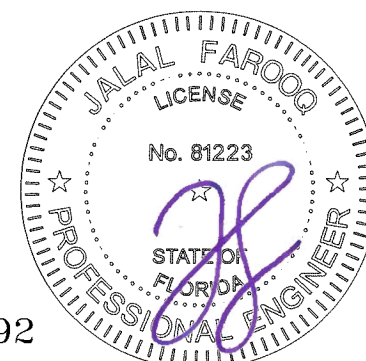
PANEL TOP/BOTTOM CORNER



FRAME TOP/BOTTOM CORNER

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.A.N. 3538)		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: TARIQ chk. by:		
drawing no. W15-83		sheet 17 of 17	