



Product Approval
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 Application Detail

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FL #	FL19092-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	FL19092_R6_COI_SS - Certificate of Independence 2023.pdf								
Referenced Standard and Year (of Standard)	<table> <thead> <tr> <th><u>Standard</u></th><th><u>Year</u></th></tr> </thead> <tbody> <tr> <td>TAS 201</td><td>1994</td></tr> <tr> <td>TAS 202</td><td>1994</td></tr> <tr> <td>TAS 203</td><td>1994</td></tr> </tbody> </table>	<u>Standard</u>	<u>Year</u>	TAS 201	1994	TAS 202	1994	TAS 203	1994
<u>Standard</u>	<u>Year</u>								
TAS 201	1994								
TAS 202	1994								
TAS 203	1994								
Equivalence of Product Standards Certified By									

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

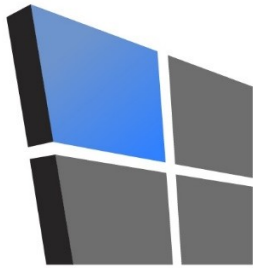
Summary of Products

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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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.

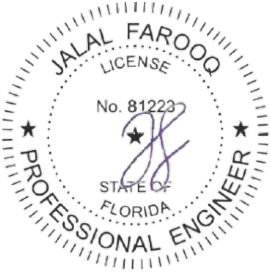
Manufacturer Address: 8051 NW 79th PLACE, MEDLEY, FL 33166

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)

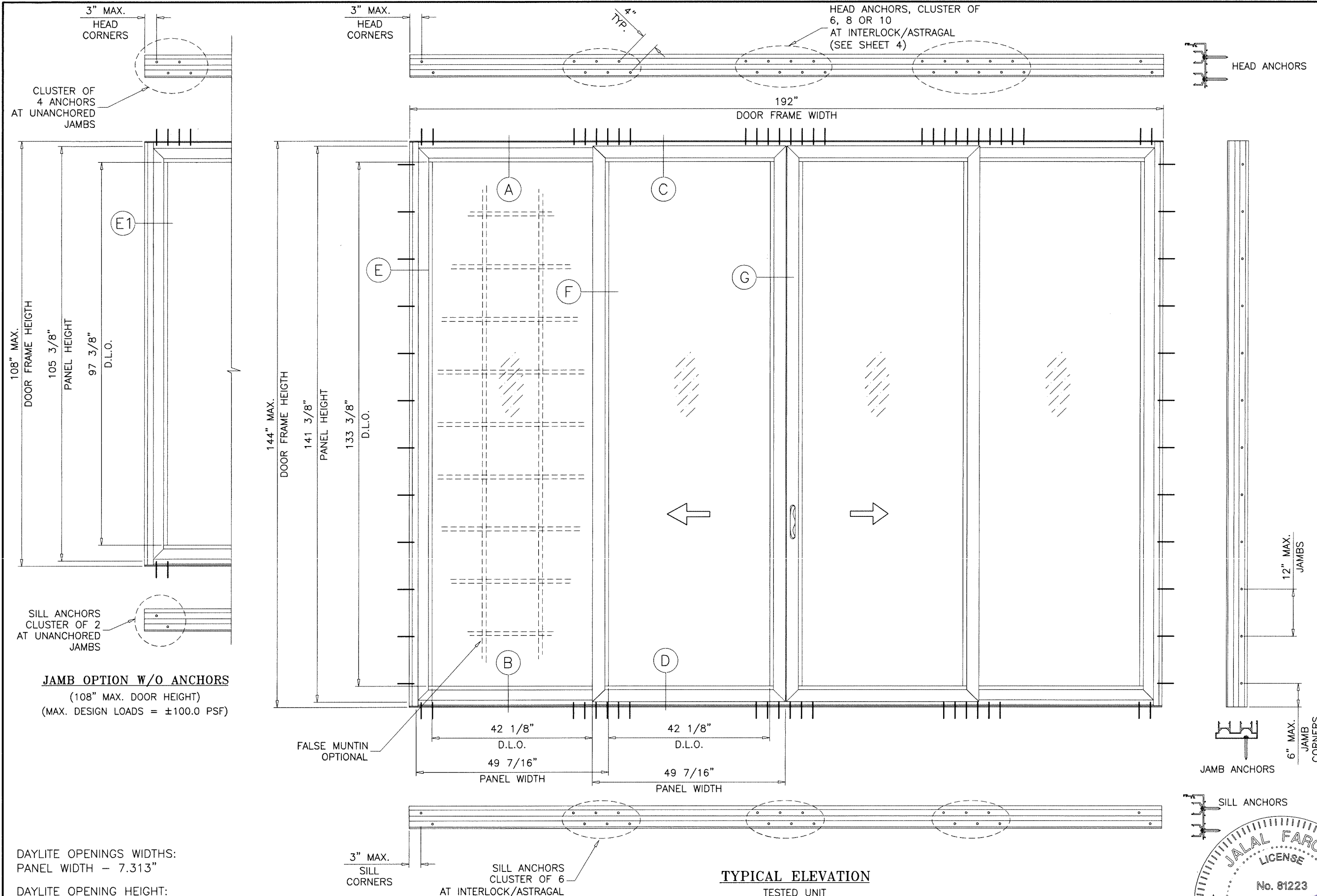
MG-1000 ALUM SLIDING GLASS DOOR (L.M.I.)
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL. 33166
Tel. (305) 764-3963 Fax. (305) 470-8285

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



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.

TYPICAL ELEVATION
 TESTED UNIT
 (NON-POCKETED DOOR)

Sealed: 7/24/2023

FL #19092



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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

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

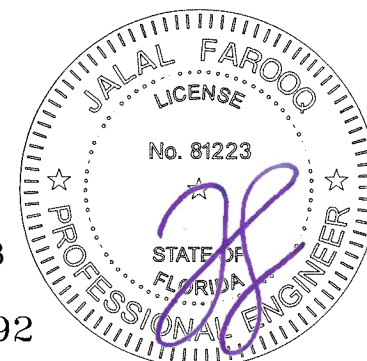
JAMB ANCHORS

SILL ANCHORS

3" MAX.
SILL
CORNERS

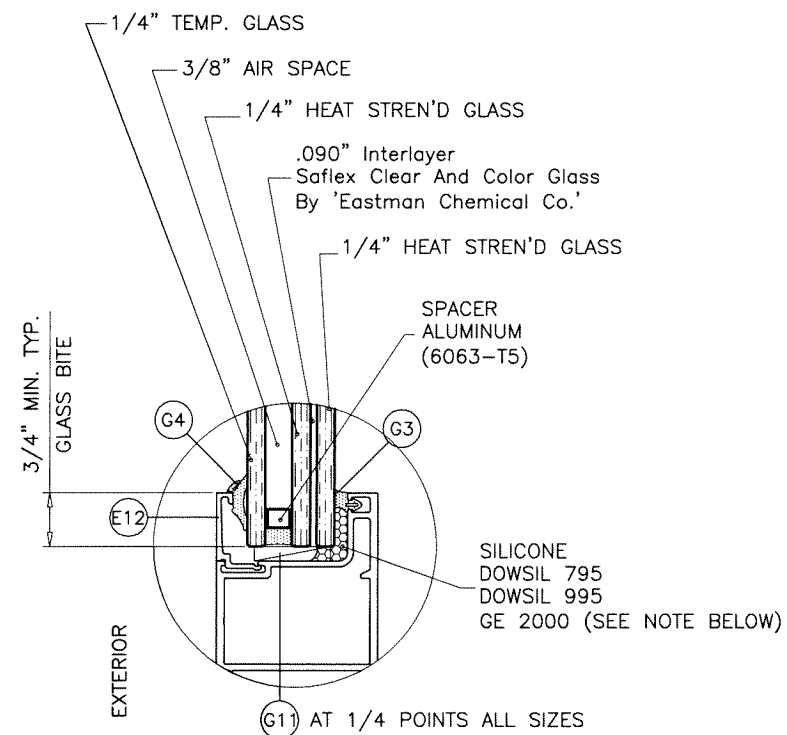
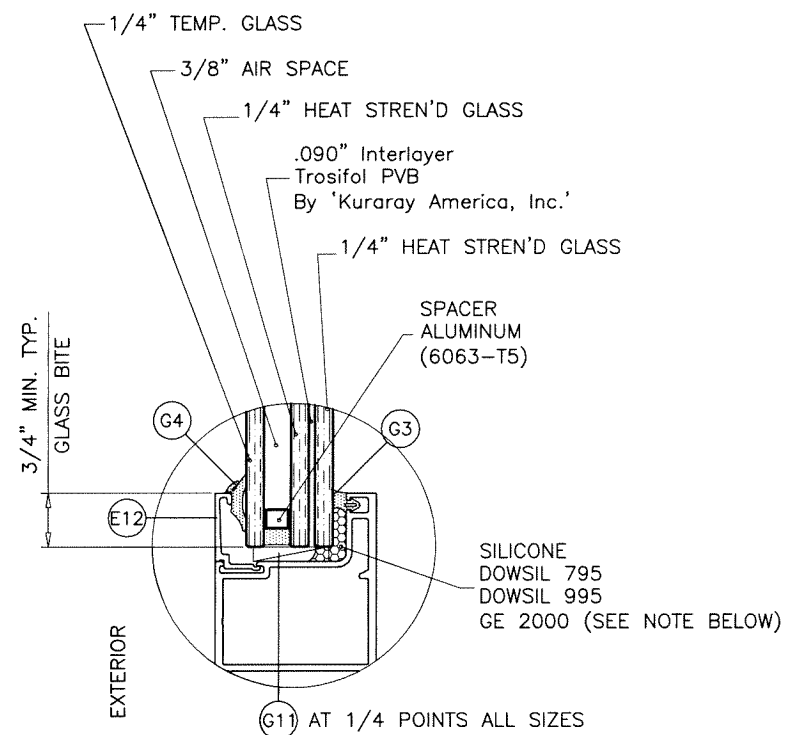
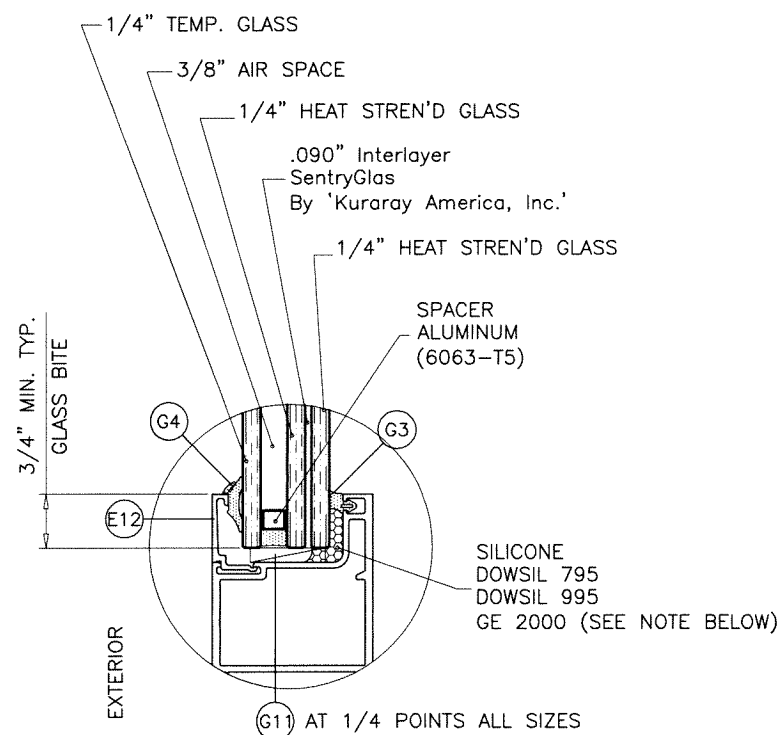
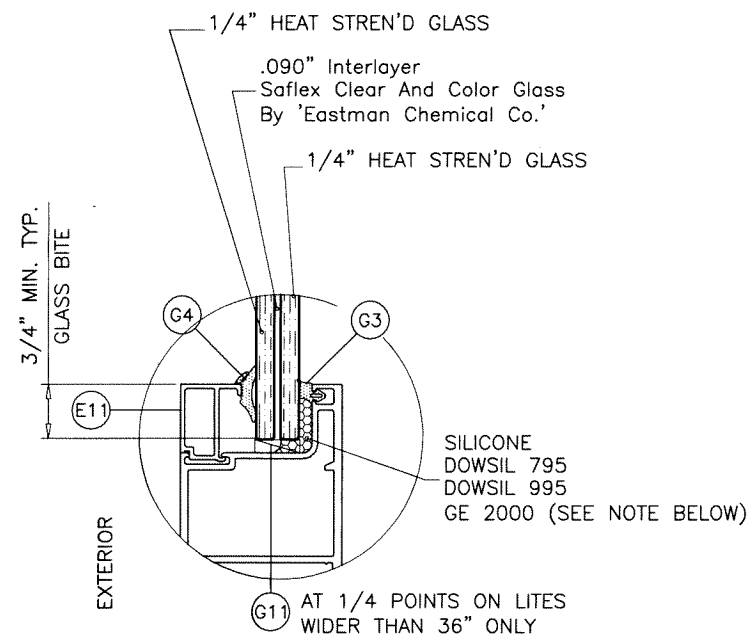
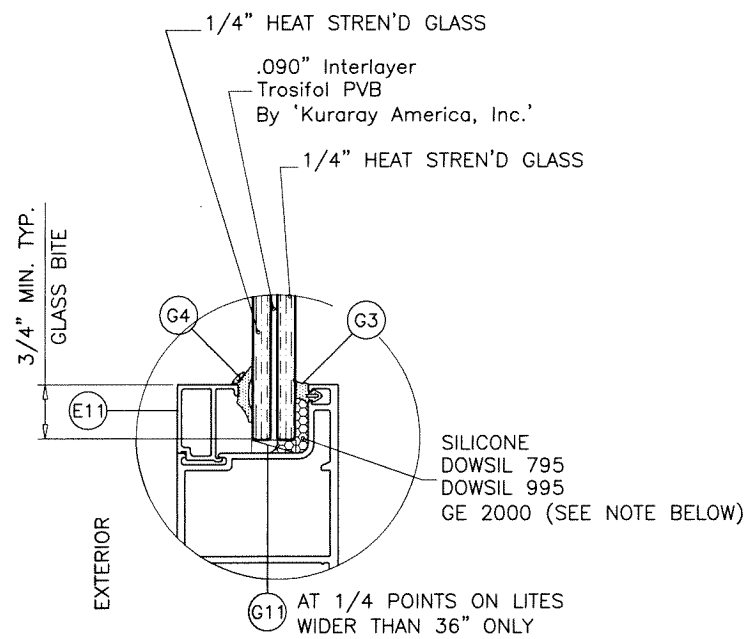
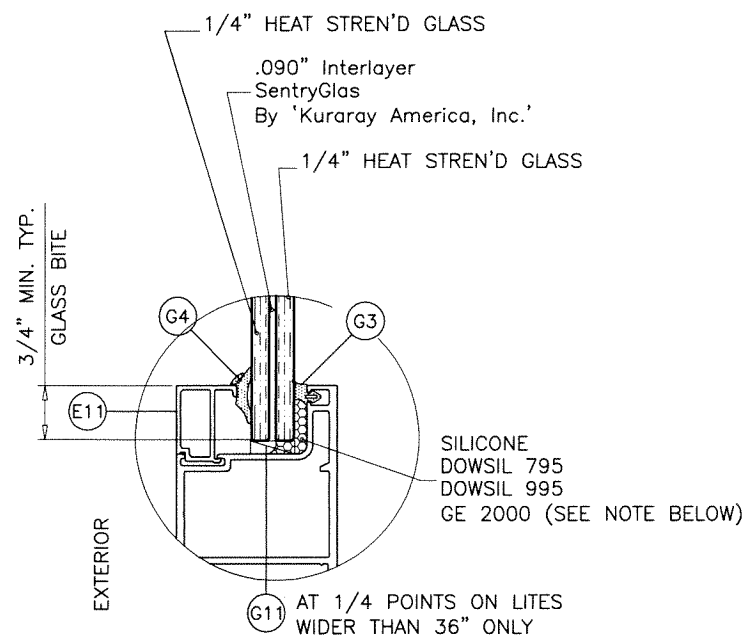
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AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 TEL. (305) 264-8100 FAX. (305) 262-6978 (C.A.N. 3538)		MG-1000 ALUM SLIDING GLASS DOOR (L.M.I.)		MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC 8051 N.W. 79th Place Medley, FL. 33166 Tel. (305) 764-3963 Fax. (305) 470-8285	
revisions:		no	date	by	description
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dr. by: TARIQ					
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drawing no.		W15-83			
sheet 3 of 17					

COMP-ANL\W15-83MG



revisions:

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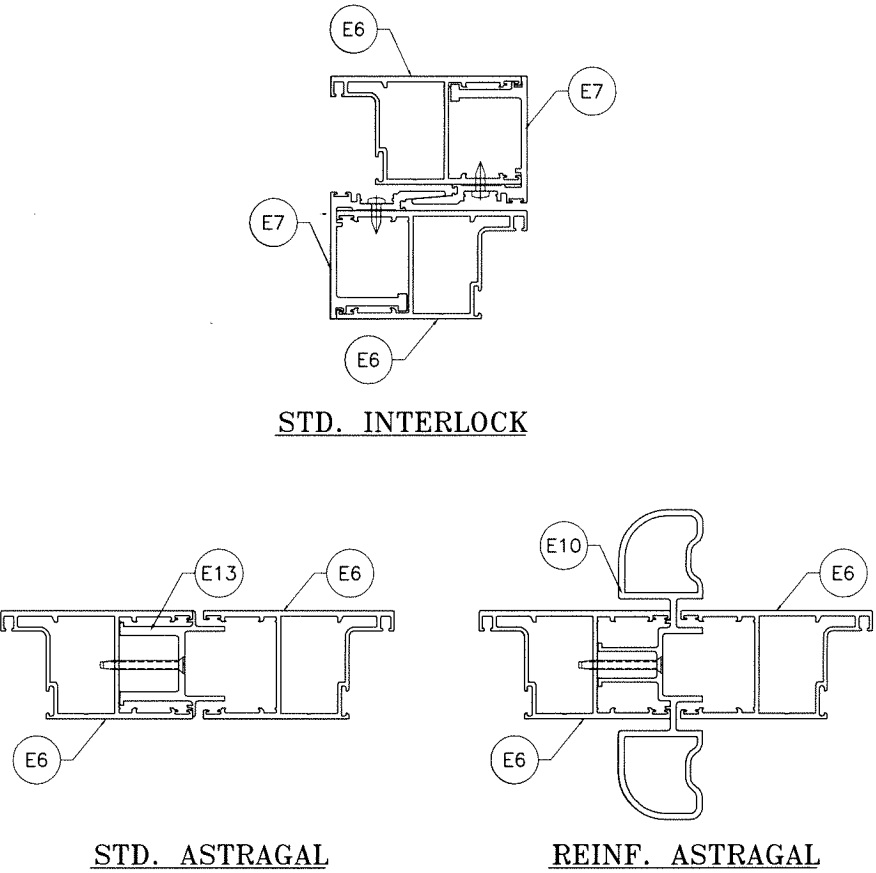
chk. by:

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'		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.



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



Sealed: 7/24/2023

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

AL-FAROOQ CORPORATION
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(C.A.N. 3538)

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 5 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
48		74.0	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) 264-8100
COMP-ANL\W15-83MG

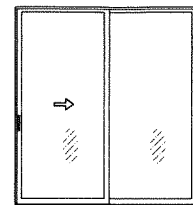
MG-1000 ALUM SLIDING GLASS DOOR (L.M.I.)

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

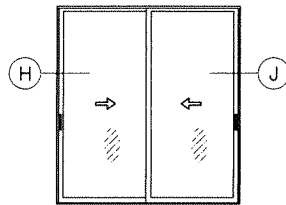
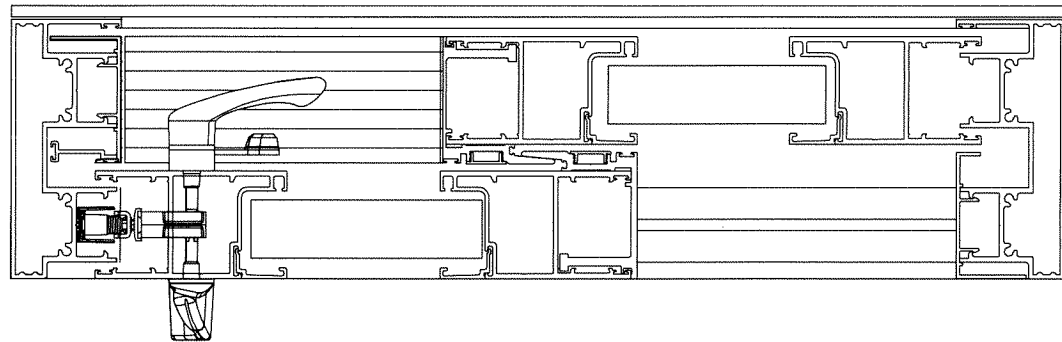
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no date by description

date: 10-28-15
scale: –
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chk. by:

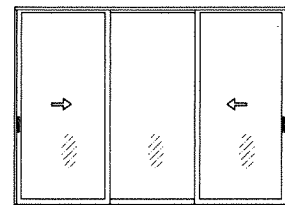
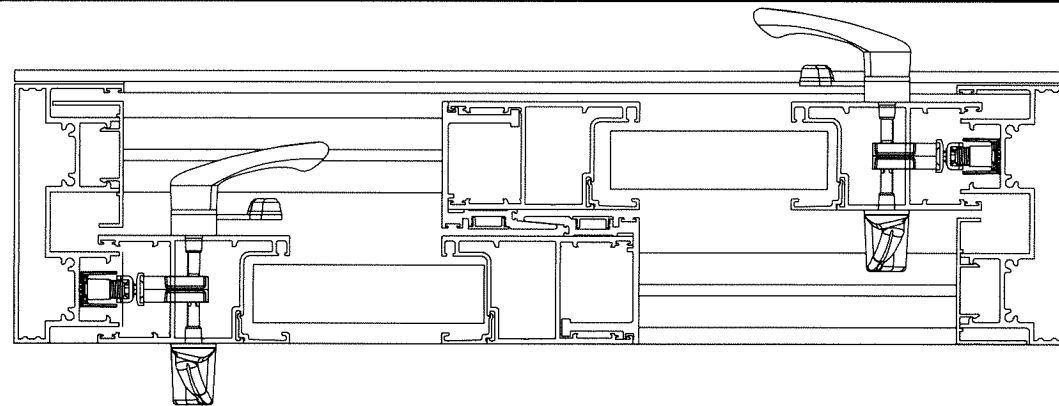
drawing no.
W15-83
sheet 7 of 17



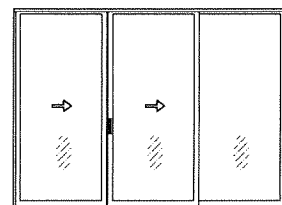
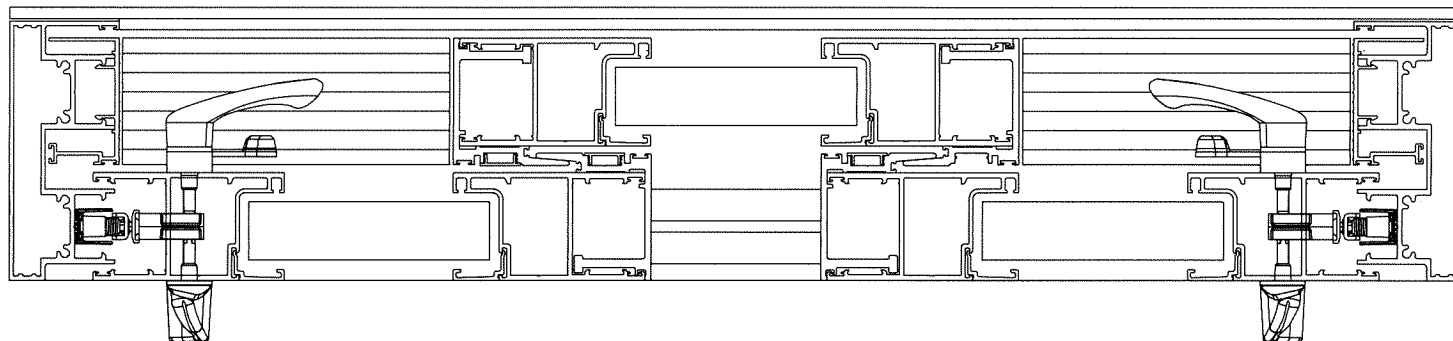
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OX



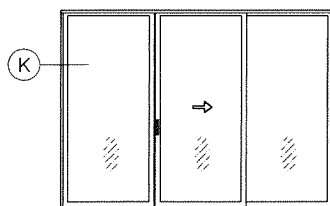
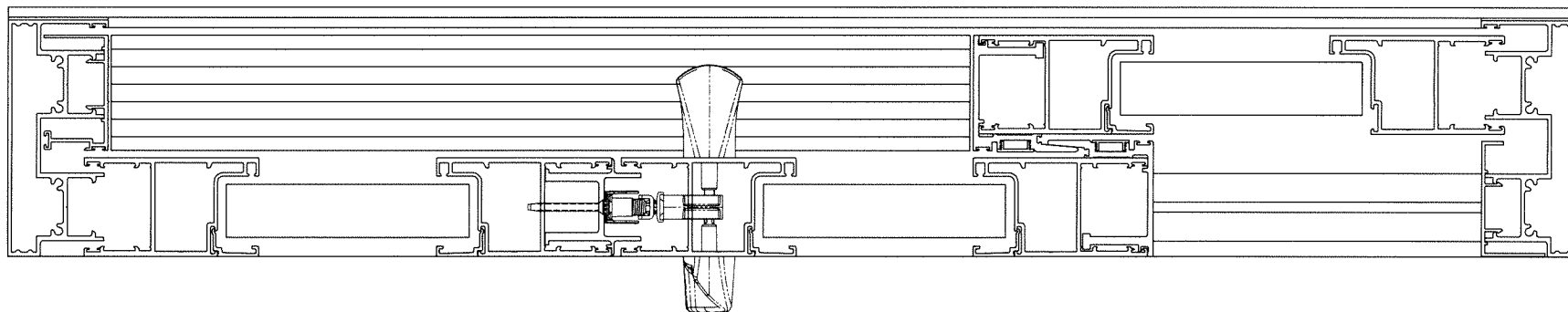
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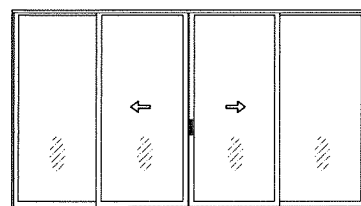
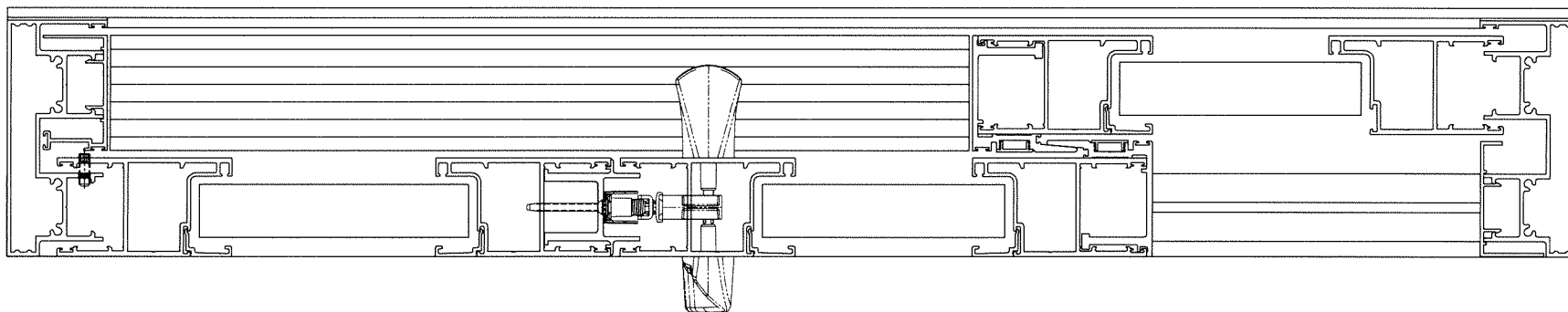
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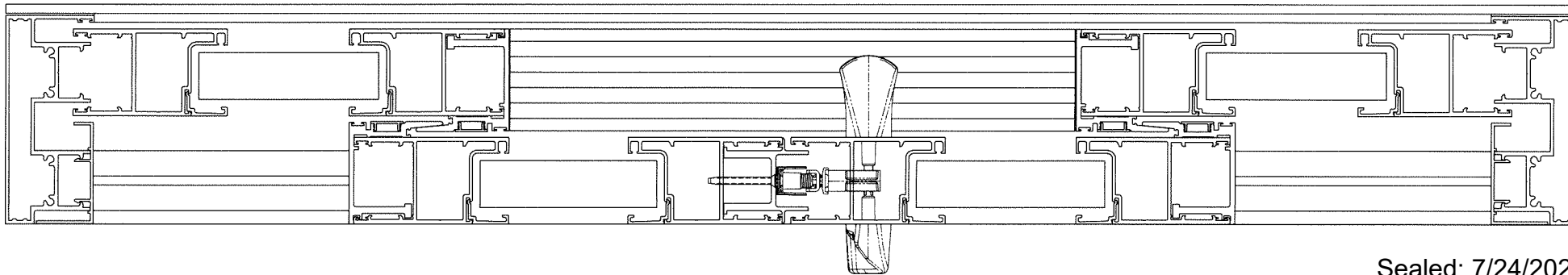
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OXO (SHOWN)



OXXO (SHOWN)

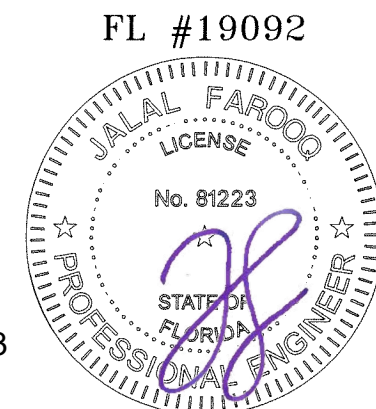


NOTE:

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.

APPROVED CONFIGURATIONS
NON-POCKETED DOORS

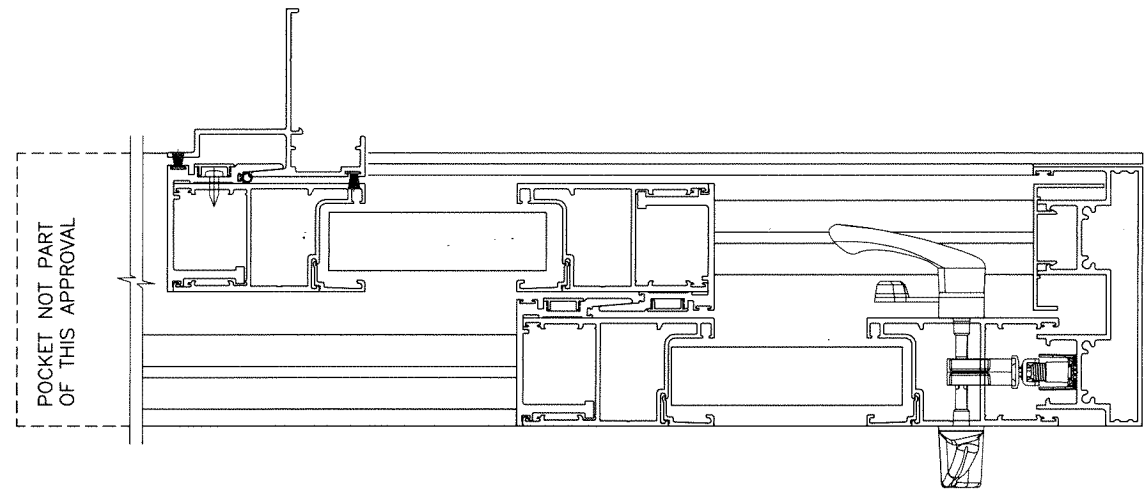
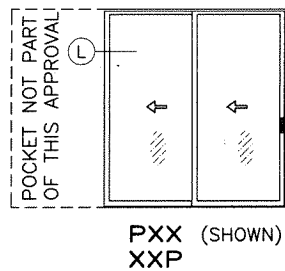
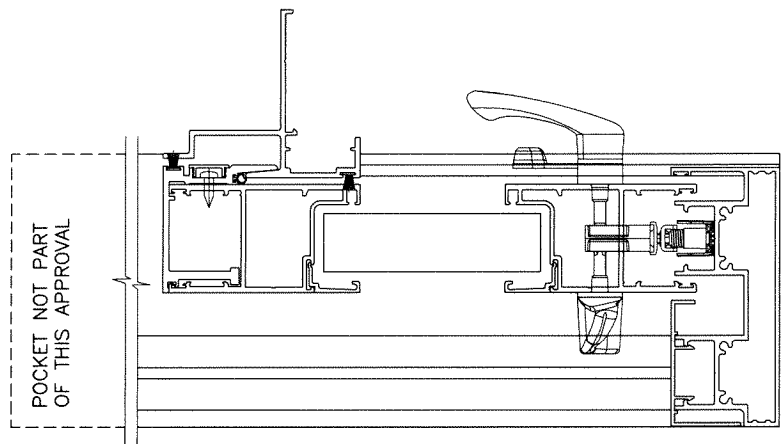
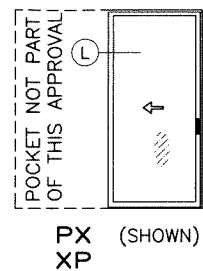
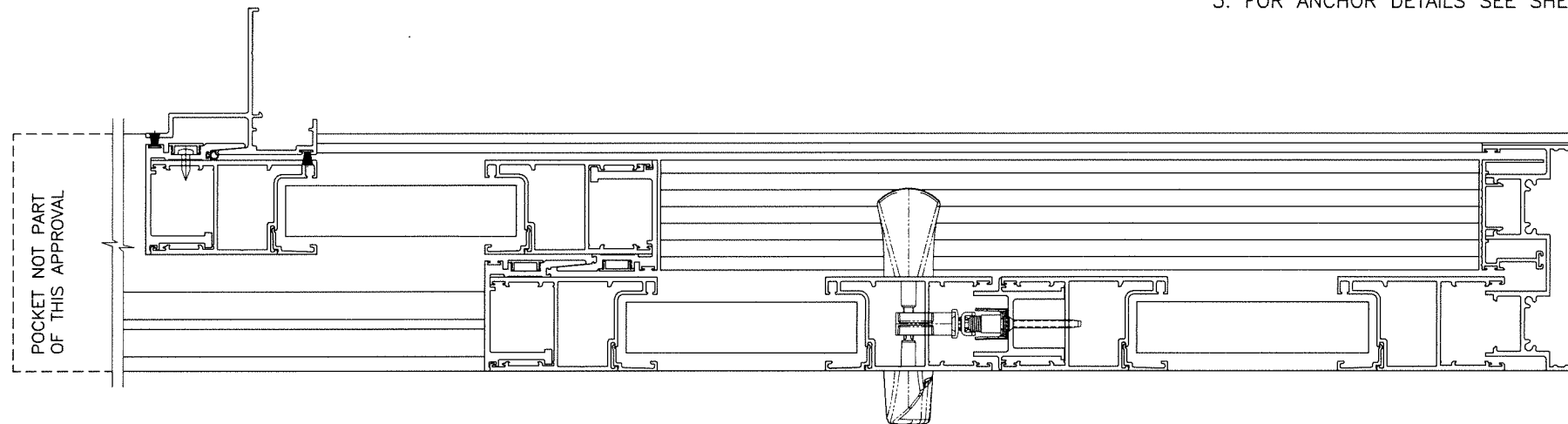
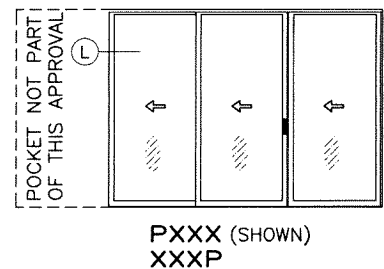
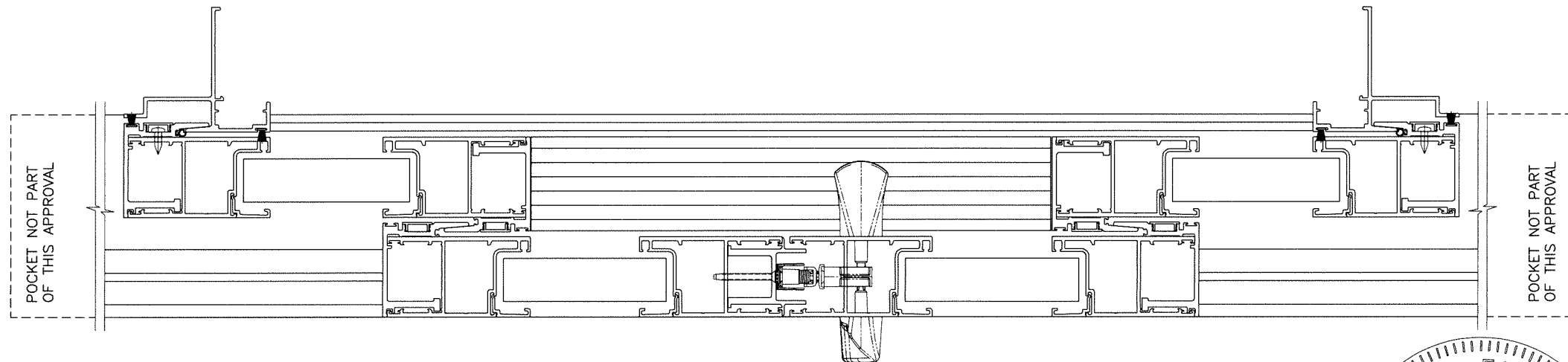
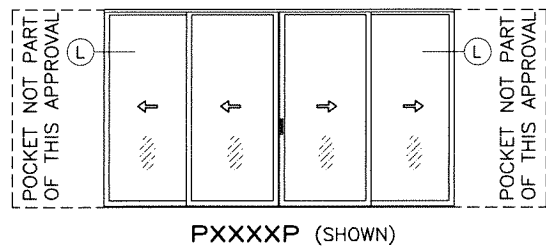
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AL-FAROOQ CORPORATION
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9360 SUNSET DRIVE, SUITE 220
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TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W15-83MG

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revisions:		no date		by description	
date:	10-28-15	scale:	-	dr. by:	TARIQ
chk. by:					
drawing no.		W15-83		sheet 8 of 17	



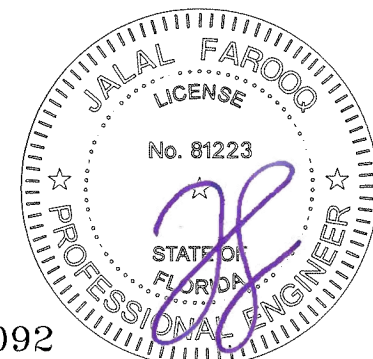
- NOTE:
1. CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSES ONLY.
 2. FOR APPLICABLE DESIGN PRESSURES SEE INSTRUCTIONS IN SHEET 1.
 3. FOR ANCHOR DETAILS SEE SHEETS 10 THRU 14.

**APPROVED CONFIGURATIONS
POCKETED DOORS**

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

Sealed: 7/24/2023

FL #19092



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COMP-ANL\W15-83MG

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revisions:

no	date	by description

date: 10-28-15

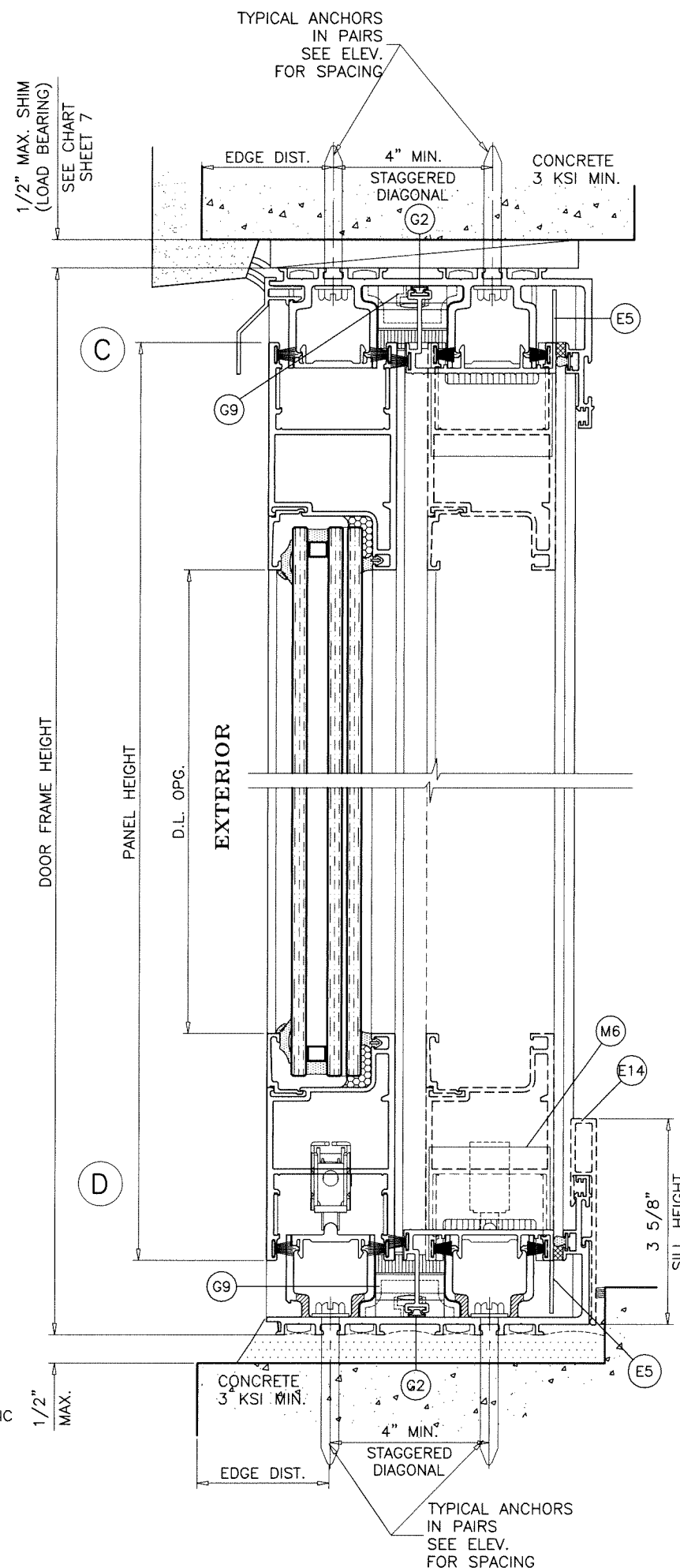
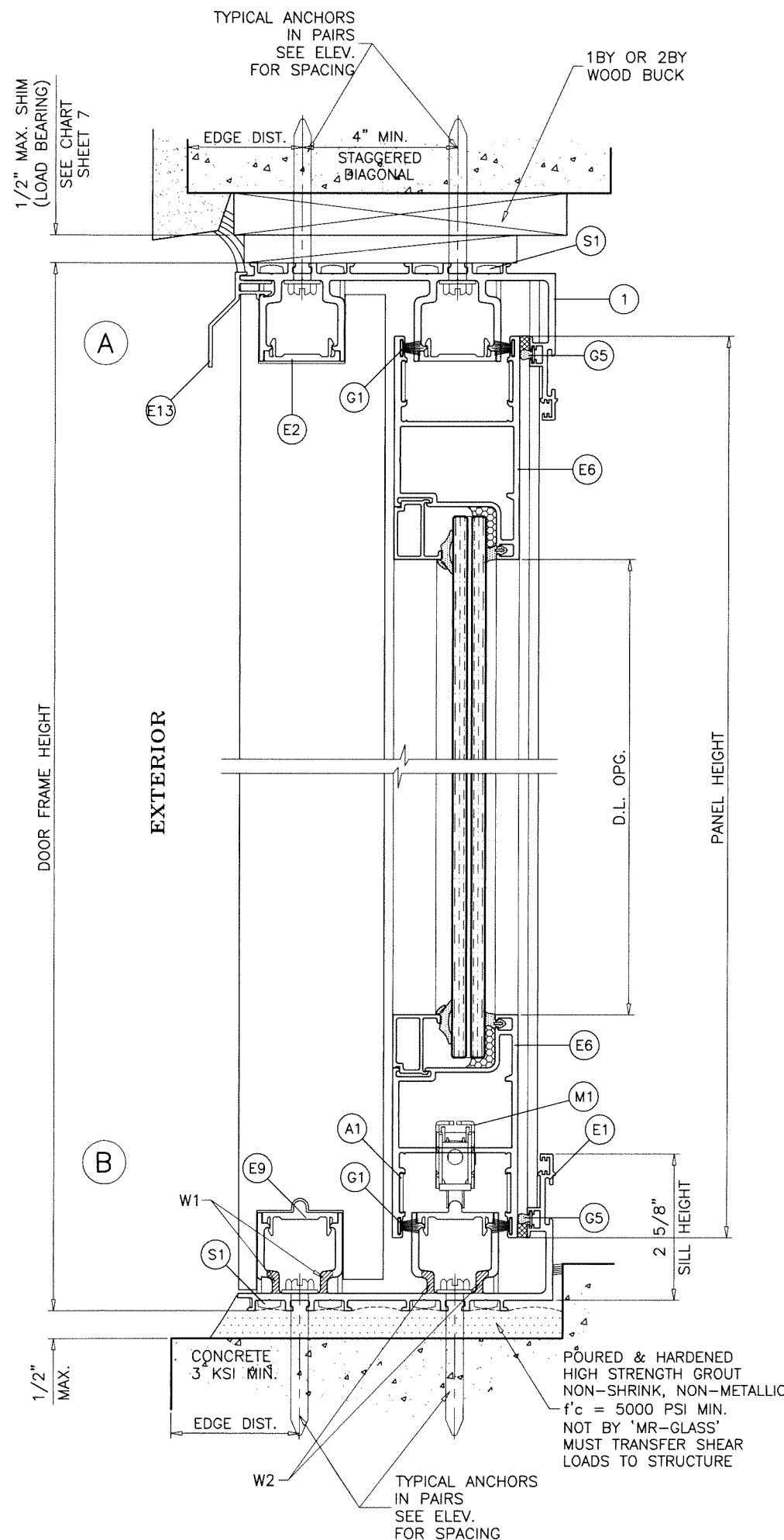
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chk. by: -

drawing no.
W15-83

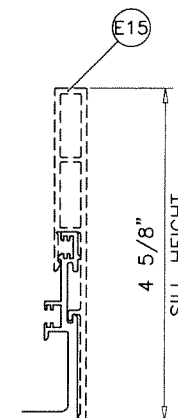
sheet 9 of 17



WEEPHOLES:

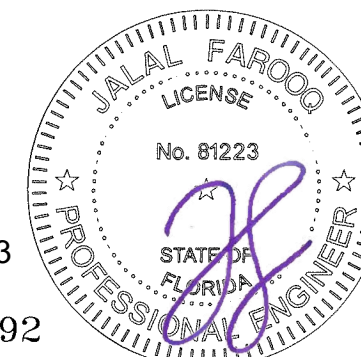
- W1 = 1/4" X 1-1/2" LONG WEEP HOLES AT 5 1/2" FROM EACH END AND 16" O.C.
- W2 = 1/4" X 1-1/2" LONG WEEP HOLES
(1) AT FIX. PANEL
(3) AT MOV. PANEL

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



Sealed: 7/24/2023

FL #19092



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COMP-ANL\W15-83MG

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

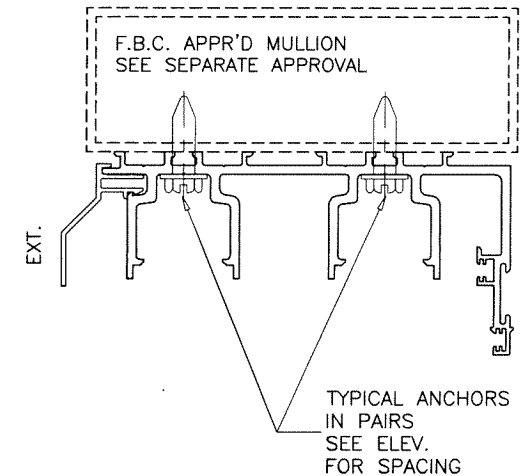
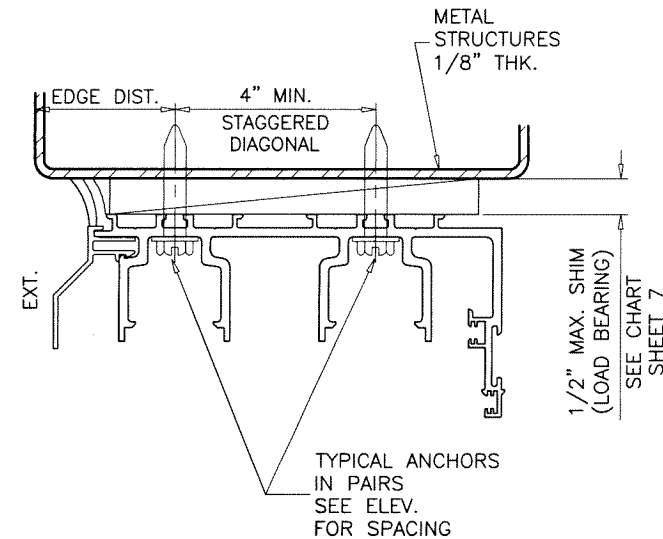
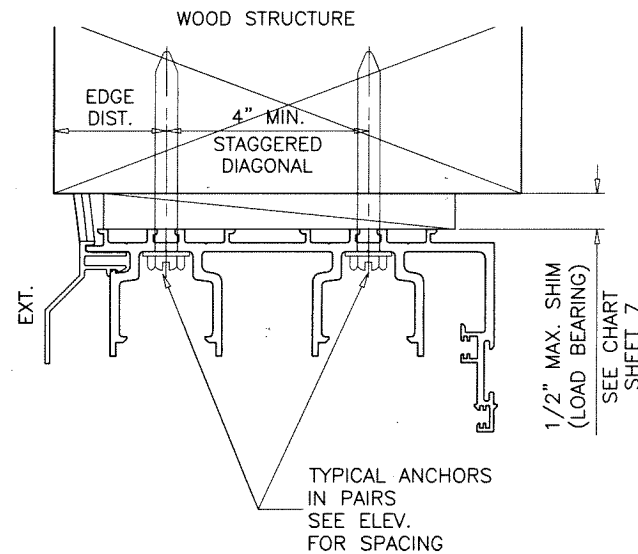
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL. 33166
Tel. (305) 764-3963 Fax. (305) 470-8285

revisions:

no	date by description

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

drawing no.
W15-83
sheet 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)

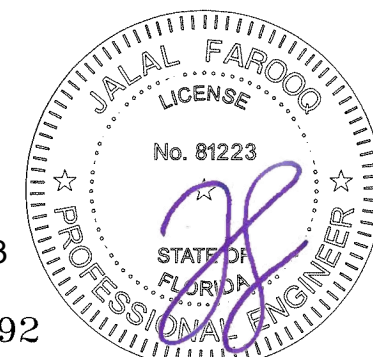
TYPICAL EDGE DISTANCE

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.

Sealed: 7/24/2023

FL #19092



af c
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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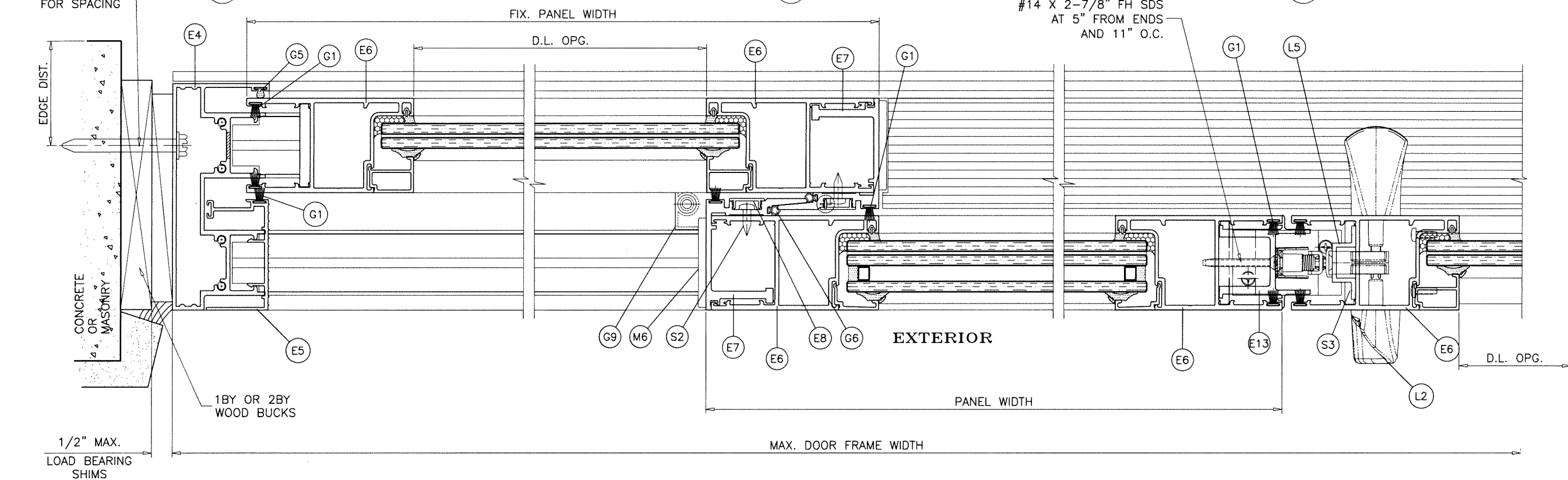
drawing no.
W15-83
 sheet 11 of 17

TYPICAL ANCHORS
SEE ELEV.
FOR SPACING

E ANCHORED JAMB

F STD. INTERLOCK

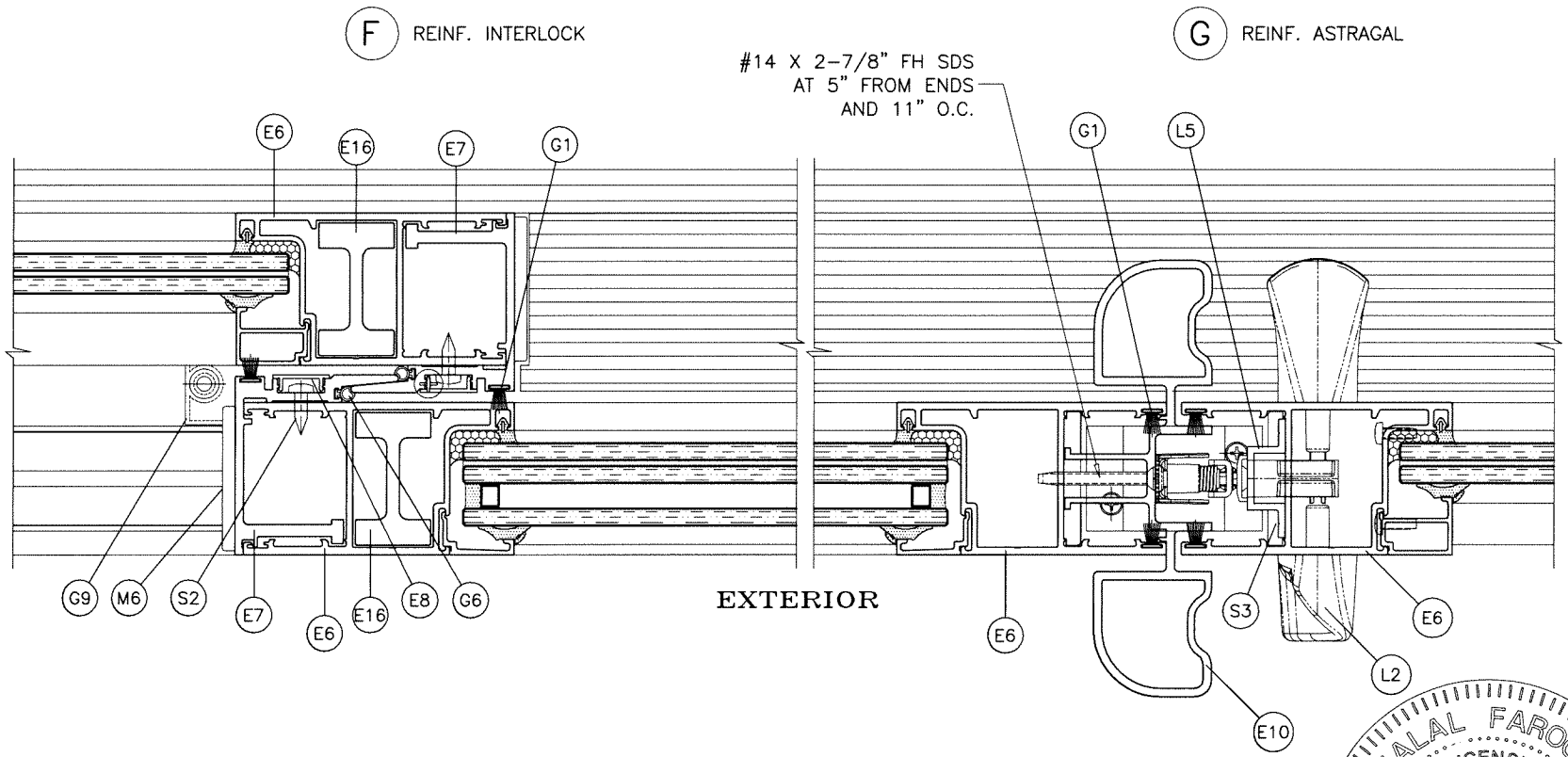
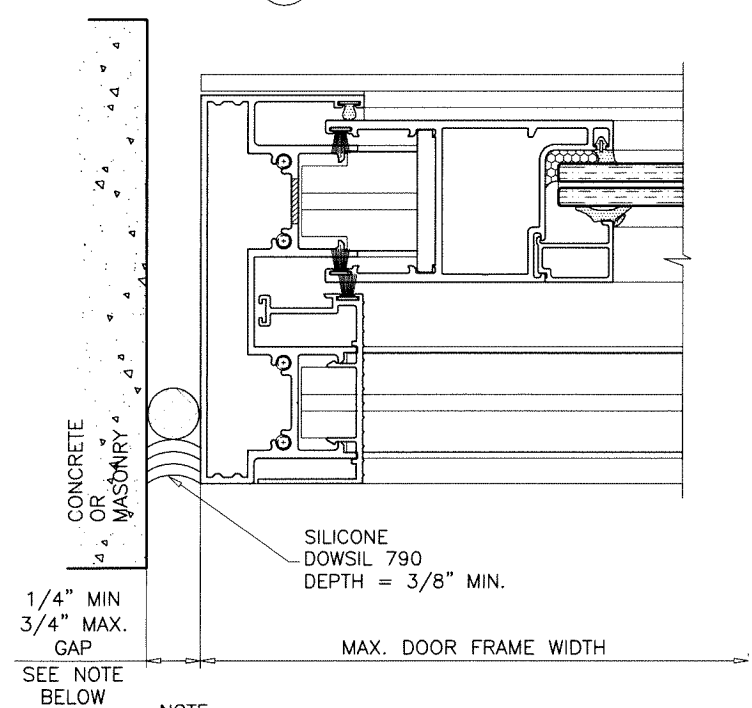
G STD. ASTRAGAL



E1 UNANCHORED JAMB

F REINF. INTERLOCK

G REINF. ASTRAGAL



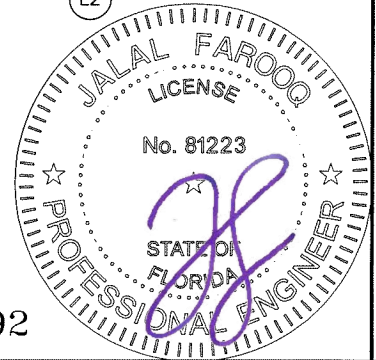
NOTE:
MAX. MOVEMENT CONSIDERED=100% STRETCH.
PLEASE REFER TO SEALANT MANUFACTURER'S DATA AND APPLICATION
MANUAL FOR COMPATABILITY OF SEALANT TO SUBSTRATE & WINDOWALL
MATERIAL/FINISH AND COMPLIANCE FOR WARRANTY.
REFER TO ACI-117-10 FOR CONSTRUCTION TOLERANCES.

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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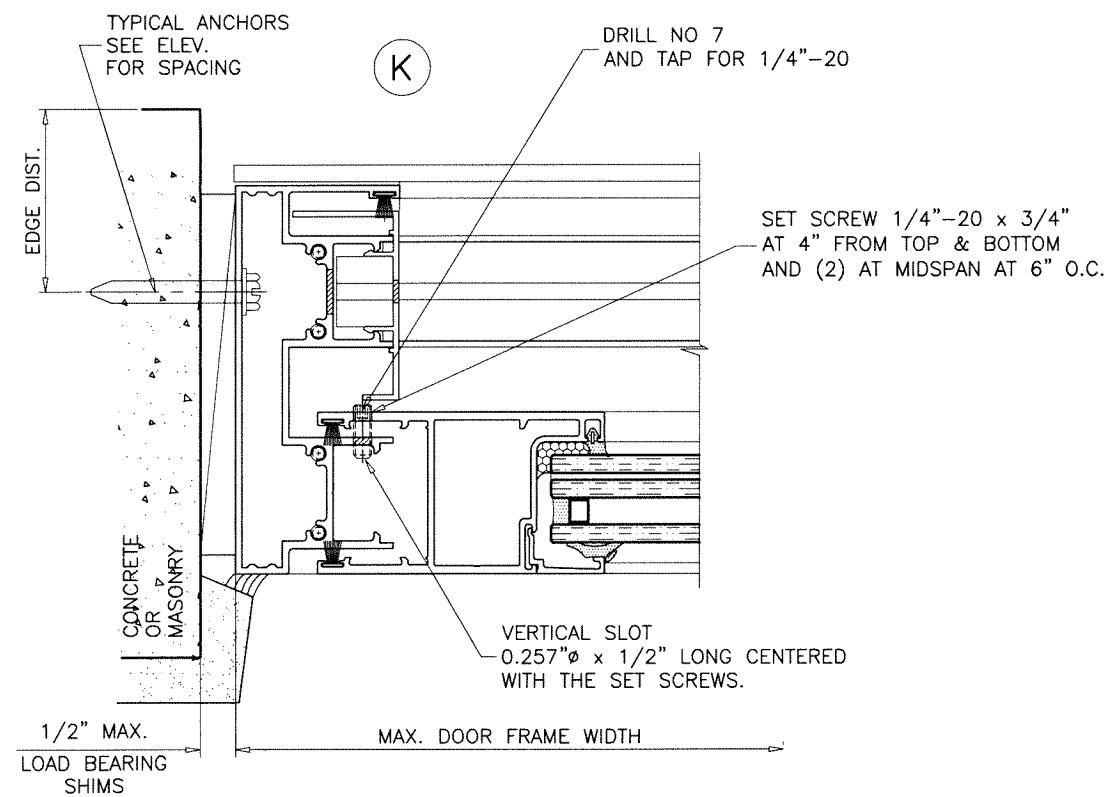
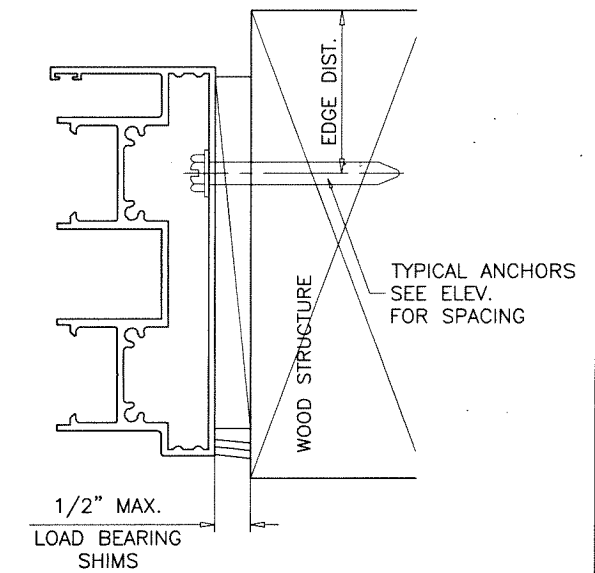
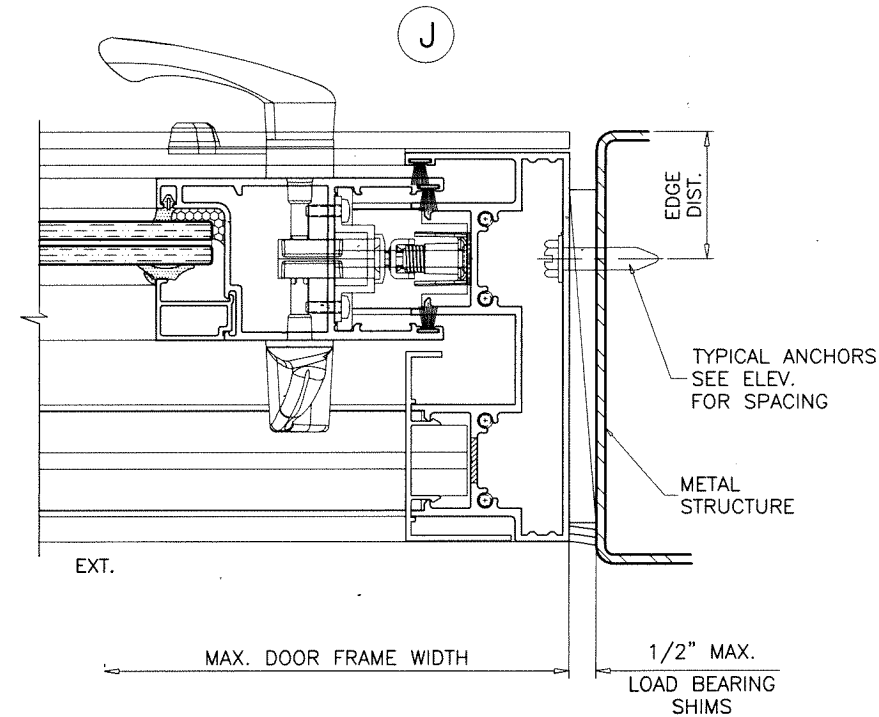
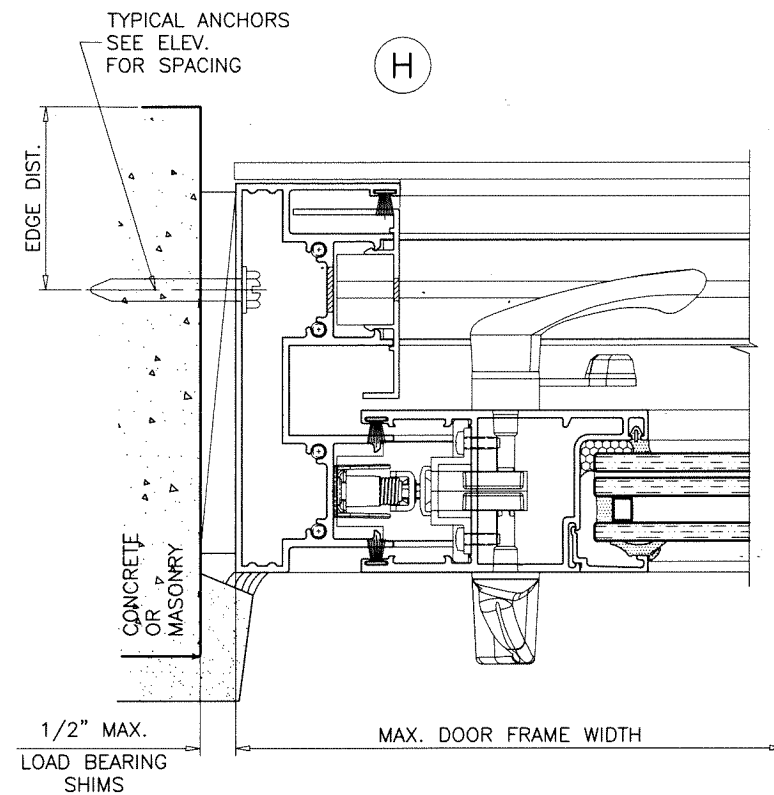
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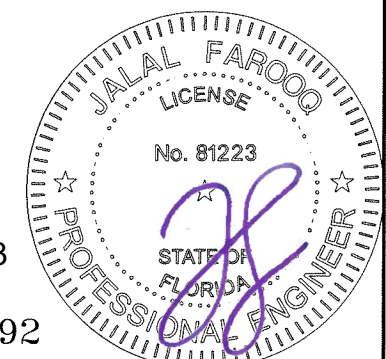
W15-83

sheet 12 of 17



Sealed: 7/24/2023

FL #19092



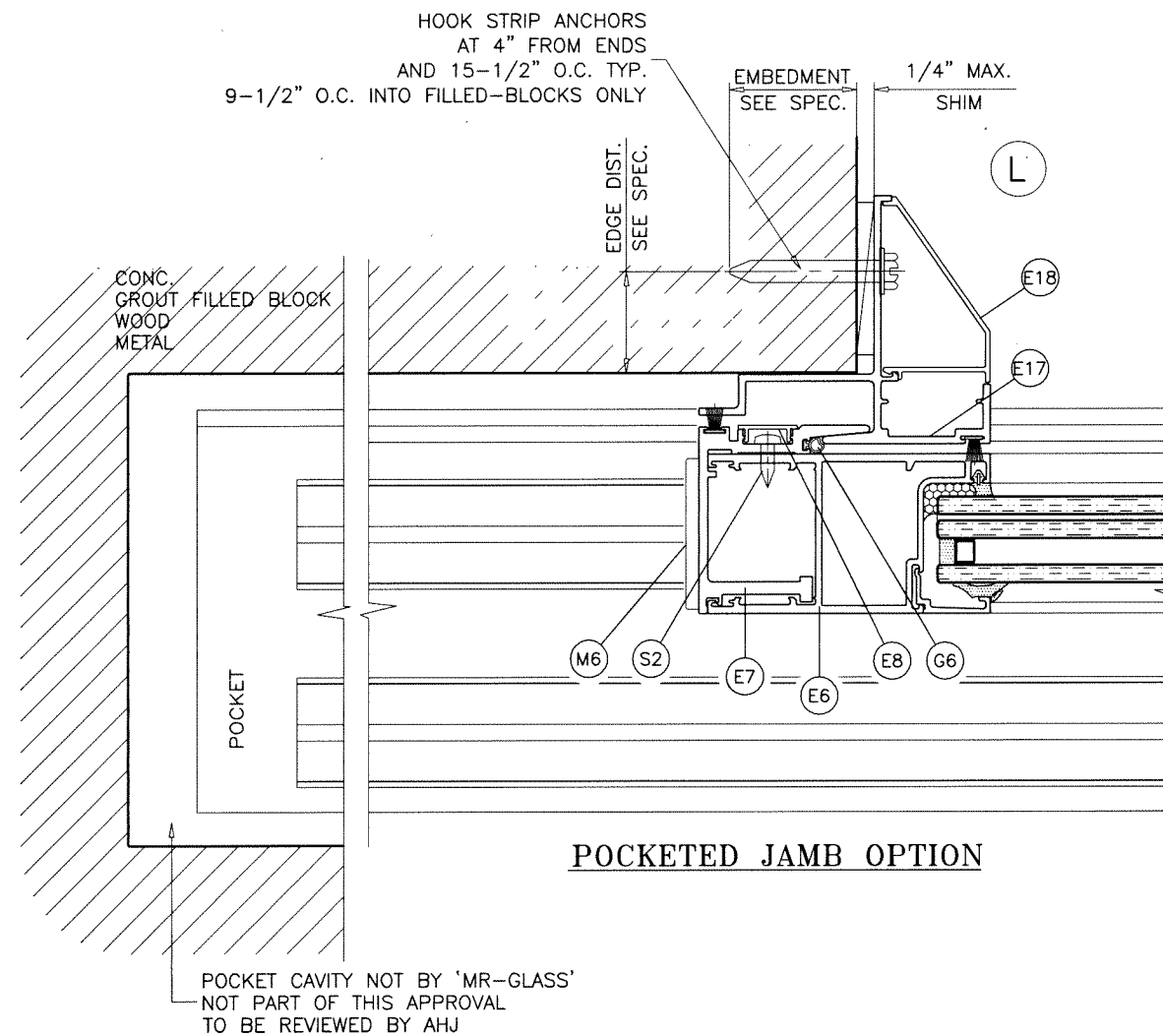
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AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3538)
 TEL. (305) 264-8100 FAX. (305) 262-6978
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no	description

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drawing no.
W15-83
 sheet 13 of 17



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

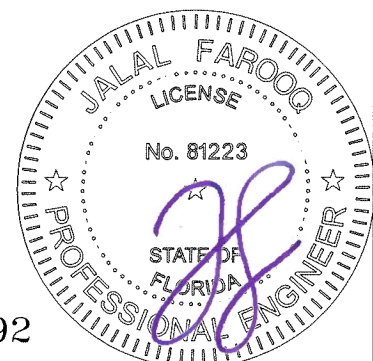
5/16" DIA. ULTRACON BY 'DEWALT' ($F_u=177$ KSI, $F_y=155$ KSI)
 THRU 1BY BUCKS INTO CONC. OR FILLED BLOCKS
 1-3/4" MIN. EMBED INTO CONC. OR FILLED BLOCKS
 DIRECTLY INTO CONC. OR FILLED BLOCKS
 1-3/4" MIN. EMBED INTO CONC. OR FILLED BLOCKS

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

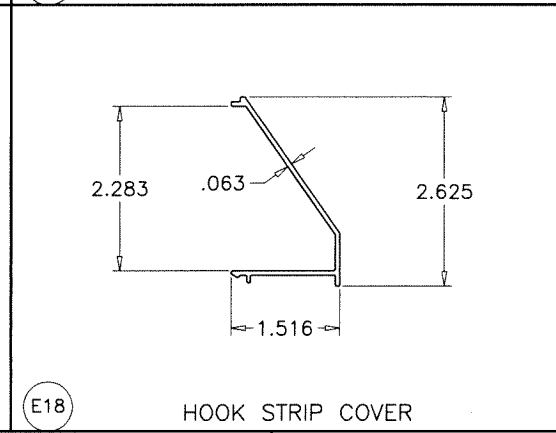
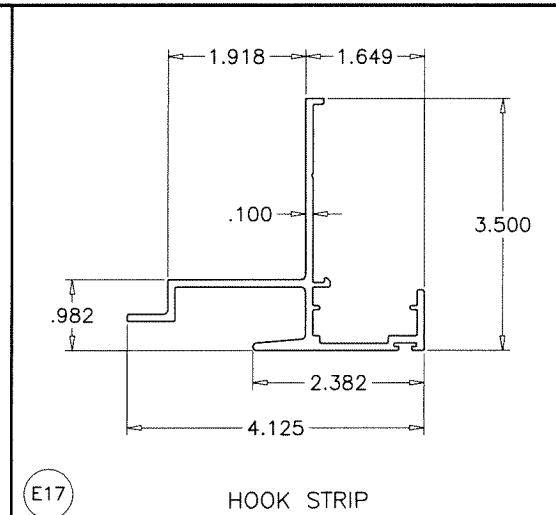
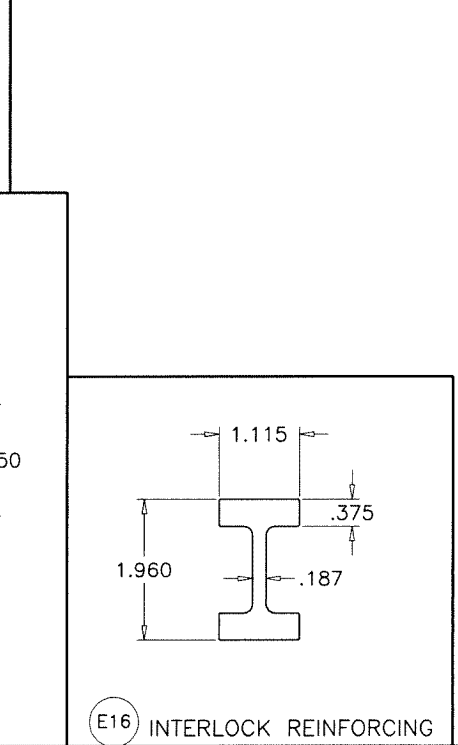
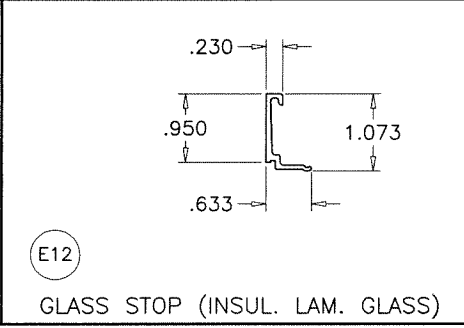
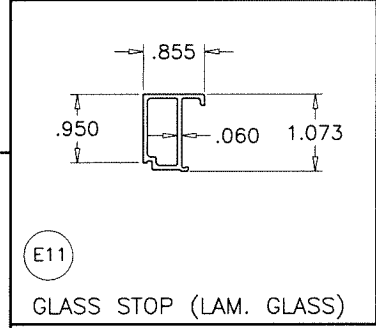
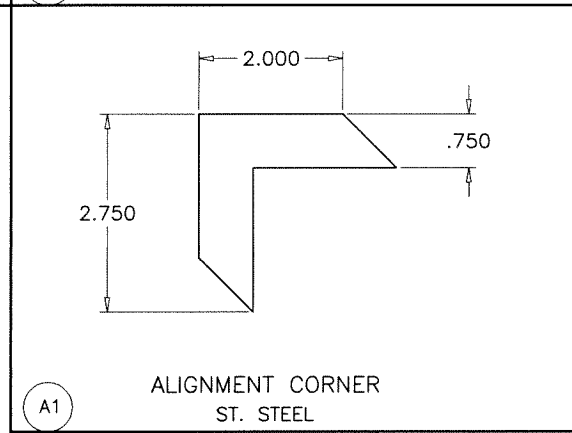
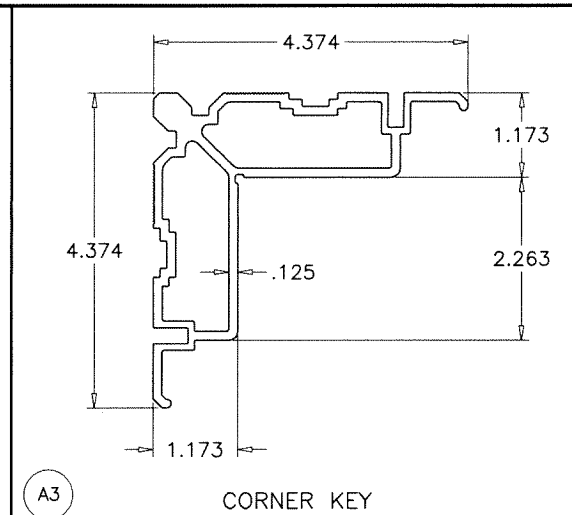
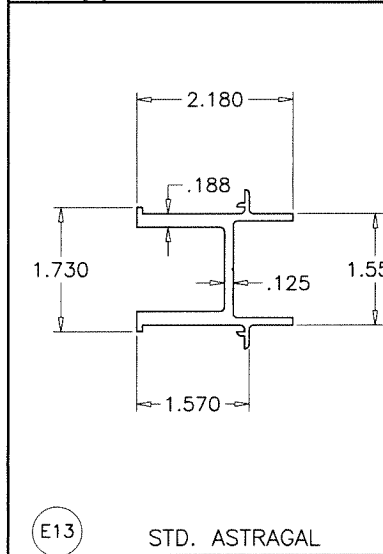
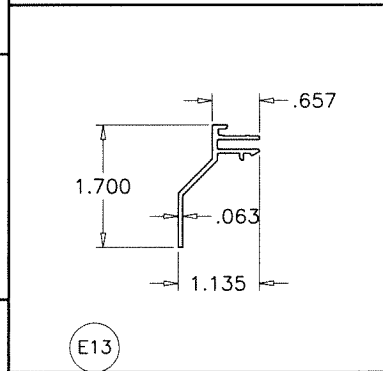
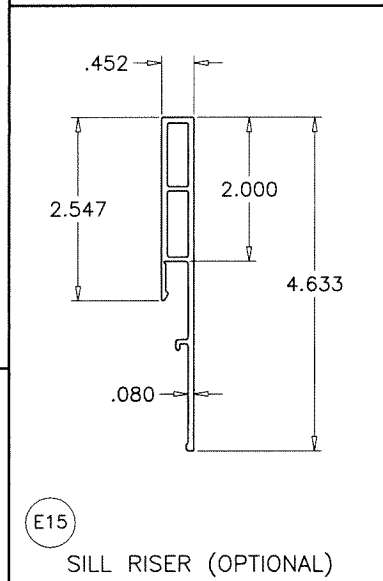
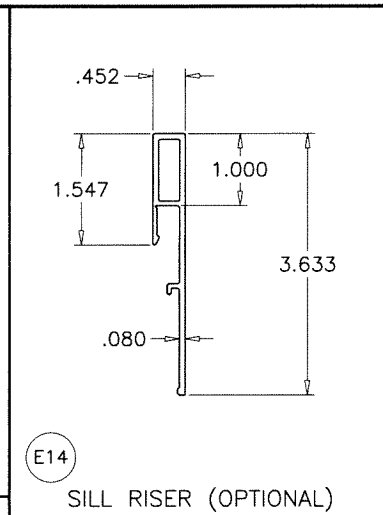
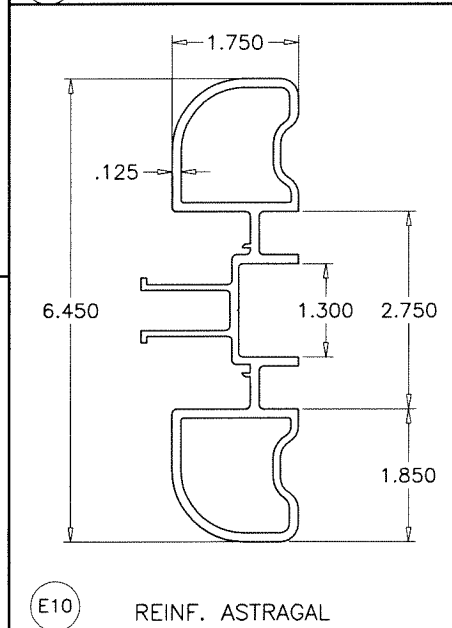
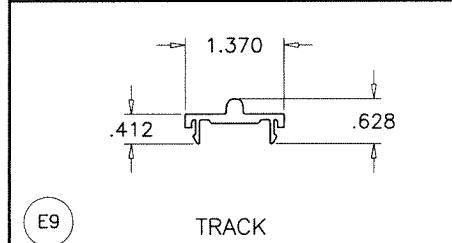
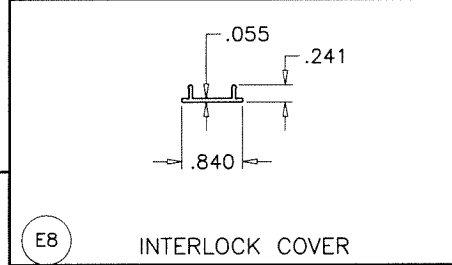
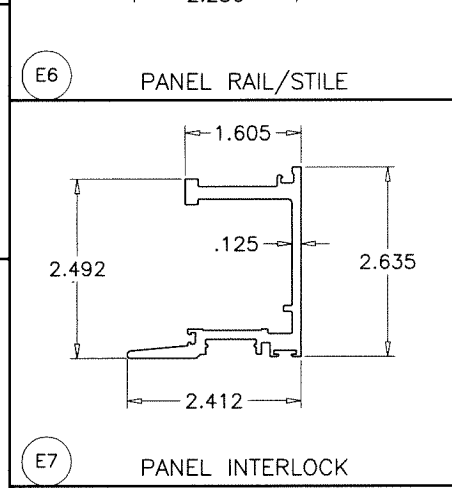
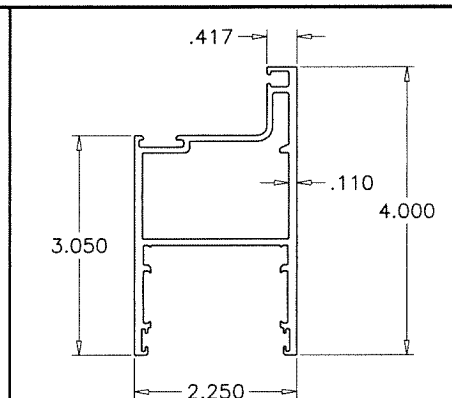
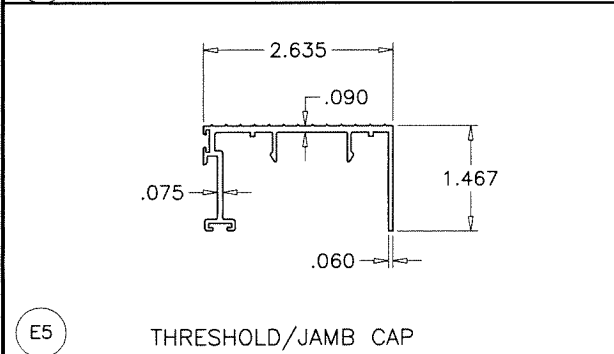
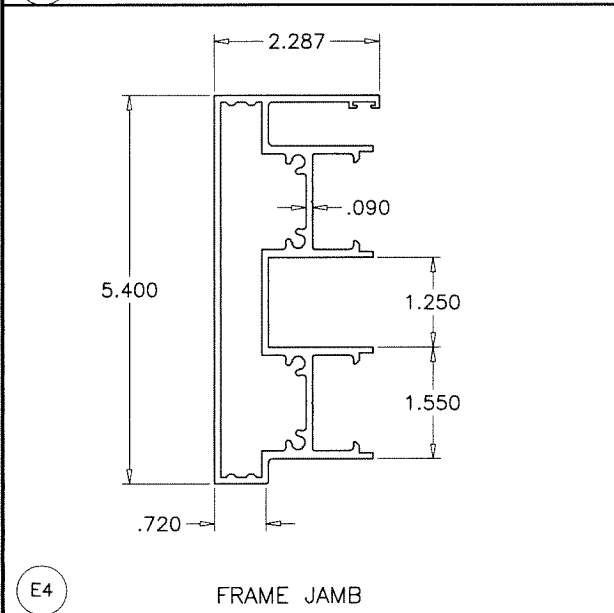
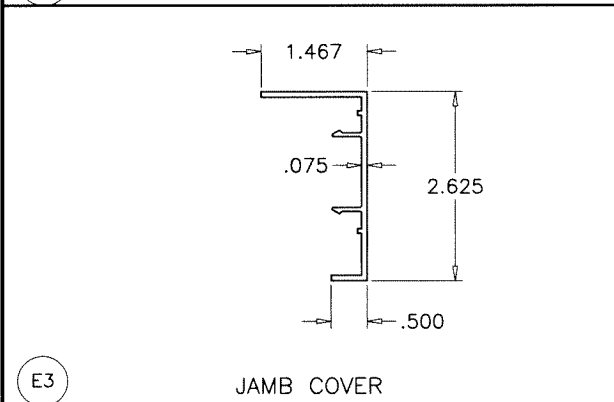
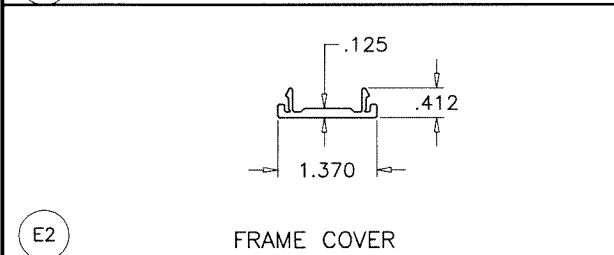
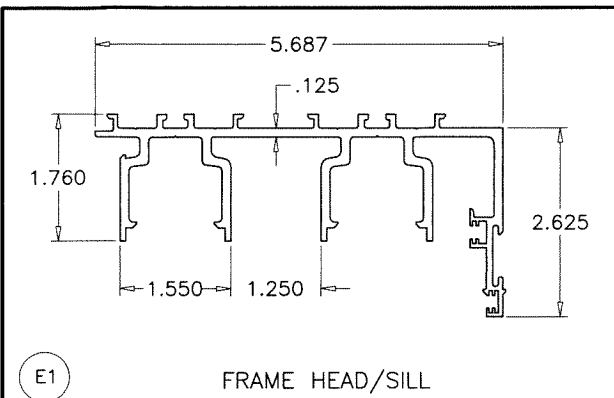
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 (C.A.N. 3538)

MG-1000 ALUM SLIDING GLASS DOOR (L.M.I.)
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
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drawing no.
W15-83
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FL #19092

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ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
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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



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FL #19092

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9360 SUNSET DRIVE, SUITE 220
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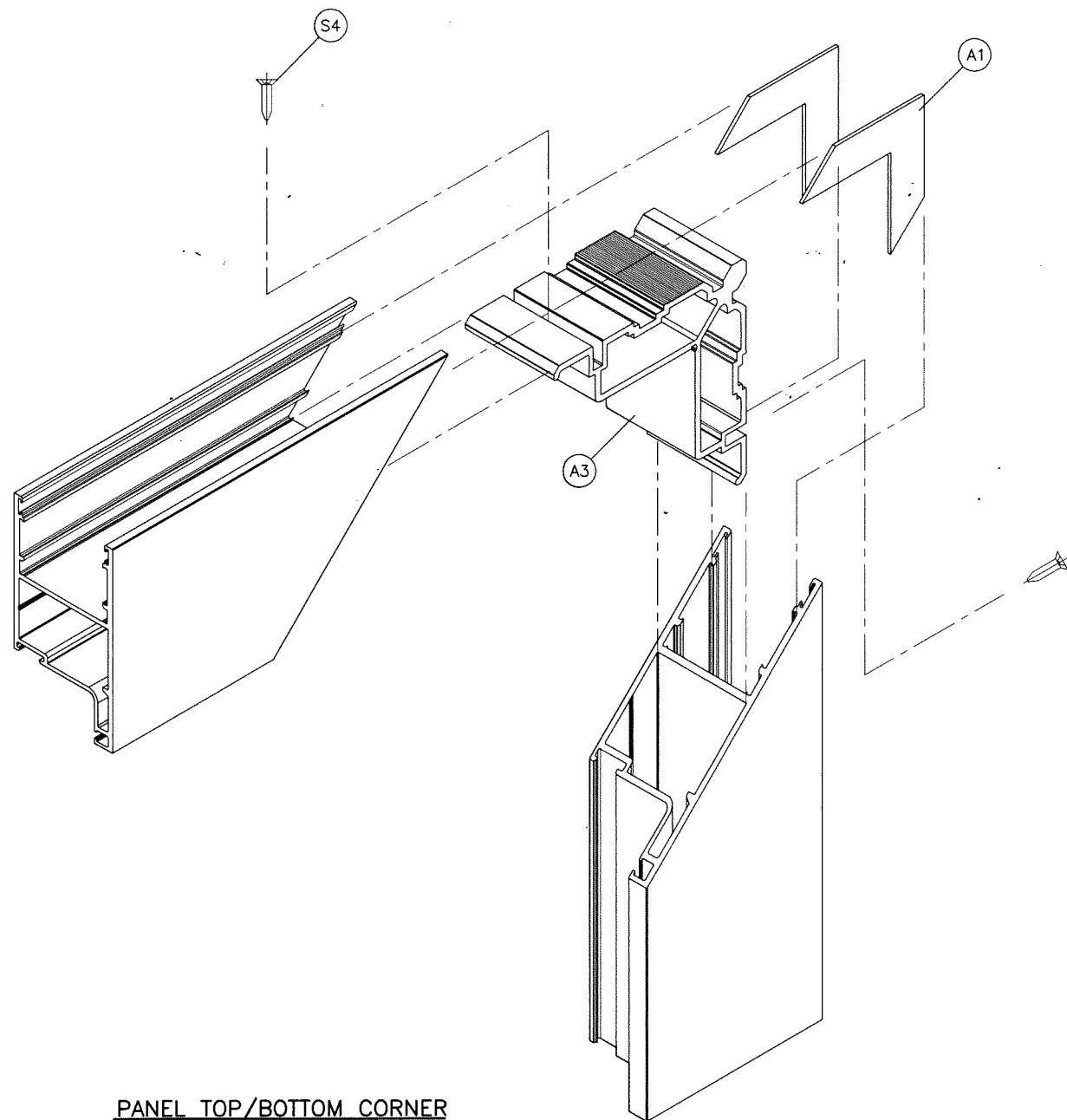
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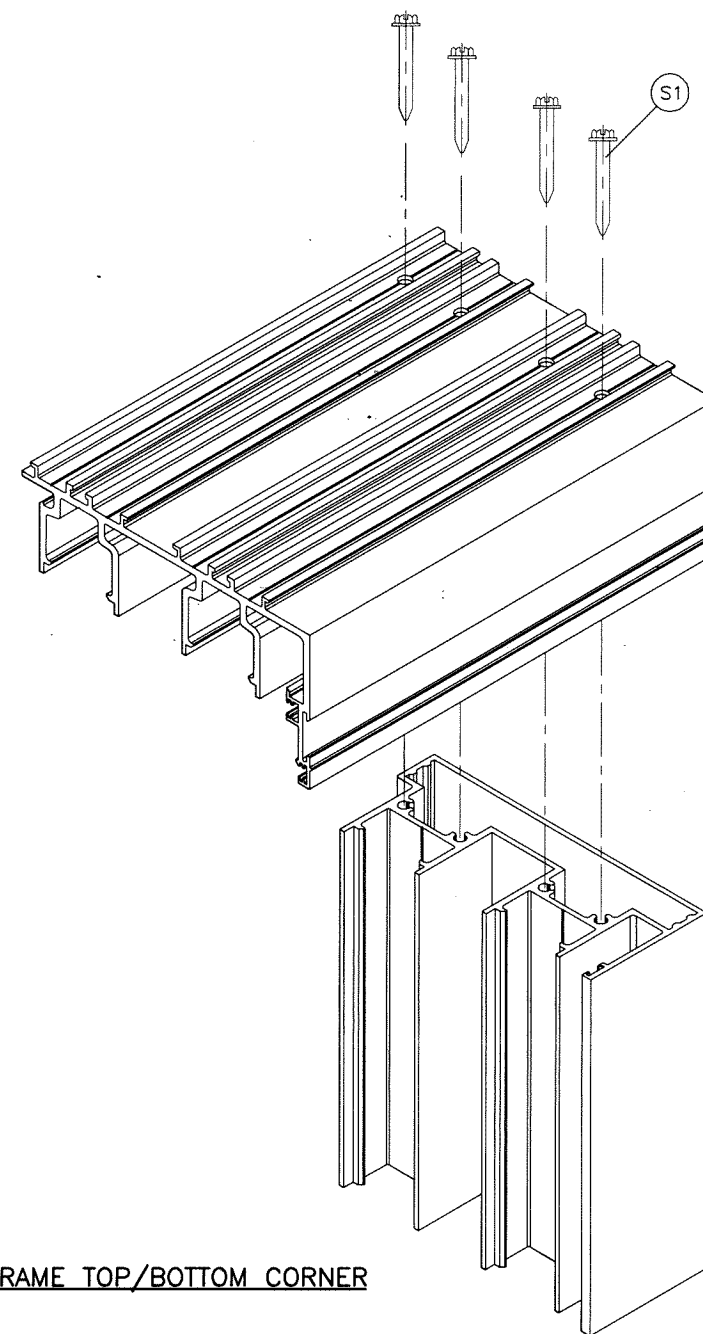
W15-83

sheet 16 of 17

COMP-ANL\W15-83MG



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	
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drawing no. W15-83		sheet 17 of 17	