

DESIGN LOAD CAPACITY - PSF					
AVERAGE PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	GLASS TYPES 'C', 'C1', 'D' & 'D1'			
		STD. ASTRAGAL		REINF. ASTRAGAL	
		JAMBS WITH OR W/O ANCHORS		JAMBS WITH ANCHORS	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
30	82-7/8	100.0	100.0	120.0	140.0
36		100.0	100.0	120.0	140.0
42		100.0	100.0	120.0	140.0
48		100.0	100.0	120.0	140.0
54		88.9	88.9	106.7	124.4
60		80.0	80.0	96.0	112.0
30	84	100.0	100.0	120.0	140.0
36		100.0	100.0	120.0	140.0
42		100.0	100.0	120.0	140.0
48		100.0	100.0	120.0	140.0
54		88.9	88.9	106.7	124.4
60		80.0	80.0	96.0	112.0
30	90	100.0	100.0	120.0	140.0
36		100.0	100.0	120.0	140.0
42		100.0	100.0	120.0	140.0
48		100.0	100.0	120.0	140.0
54		88.9	88.9	106.7	124.4
60		-	-	96.0	112.0
30	96	100.0	100.0	120.0	140.0
36		100.0	100.0	120.0	140.0
42		100.0	100.0	120.0	140.0
48		100.0	100.0	120.0	140.0
54		88.9	88.9	106.7	124.4
60		-	-	96.0	112.0
30	102	100.0	100.0	120.0	140.0
36		100.0	100.0	120.0	140.0
42		100.0	100.0	120.0	140.0
48		100.0	100.0	120.0	140.0
50		-	-	115.2	134.4
52		-	-	110.8	129.2
54		-	-	106.7	124.4
56		-	-	102.9	120.0
30	108	100.0	100.0	120.0	140.0
36		100.0	100.0	120.0	140.0
42		100.0	100.0	120.0	140.0
48		100.0	100.0	120.0	140.0
50		-	-	115.2	134.4
52		-	-	110.8	129.2
30	114	-	-	120.0	140.0
36		-	-	120.0	140.0
42		-	-	120.0	140.0
48		-	-	120.0	140.0
50		-	-	115.2	134.4
30	120	-	-	120.0	140.0
36		-	-	120.0	140.0
42		-	-	120.0	140.0
48		-	-	120.0	140.0

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

INSTRUCTIONS:

USE CHARTS AS FOLLOWS.

- STEP 1** DETERMINE DESIGN WIND LOAD REQUIREMENT BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.
- STEP 2** DETERMINE DOOR CAPACITY FROM TABLE ON SHEET 1 FOR THE GLASS TYPE USED.
- STEP 3** USING CHARTS ON SHEET 4 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 8 DETERMINE MIN. AND MAX. GAP DIMENSIONS.

THESE DOORS ARE RATED FOR SMALL MISSILE IMPACT.
F.B.C. APPROVED IMPACT RESISTANT SHUTTERS REQUIRED FOR INSTALLATIONS UP TO 30 FT. OF GRADE.
SHUTTERS NOT REQD. FOR INSTALLATIONS ABOVE 30 FT. OF GRADE.

**SERIES MG-1000 (S.M.I.)
ALUMINUM SLIDING GLASS DOOR**

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 (6TH EDITION)/2020 (7TH 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 2017/2020 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

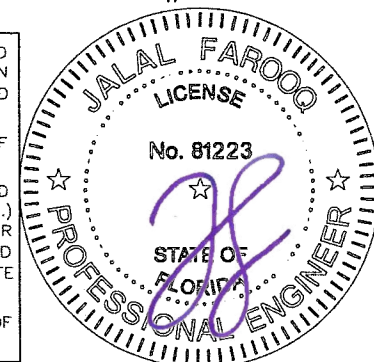
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,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

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

Sealed: 8/6/2020

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.



EXTERIOR(+) LOADS SHOWN IN CHART ABOVE ARE FOR ALL DOOR CONFIGURATIONS EXCEPT TWO PANEL (XX) DOORS
SEE SHEET 6 FOR TWO PANEL (XX) DOOR LIMITATIONS.

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

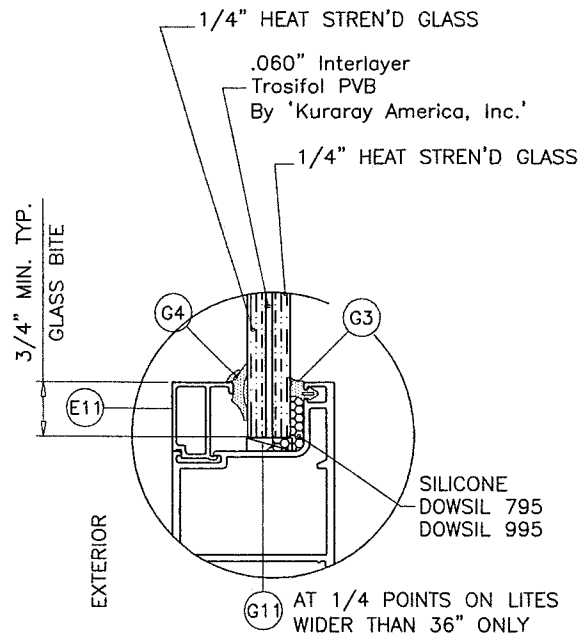
af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W15-103MG

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

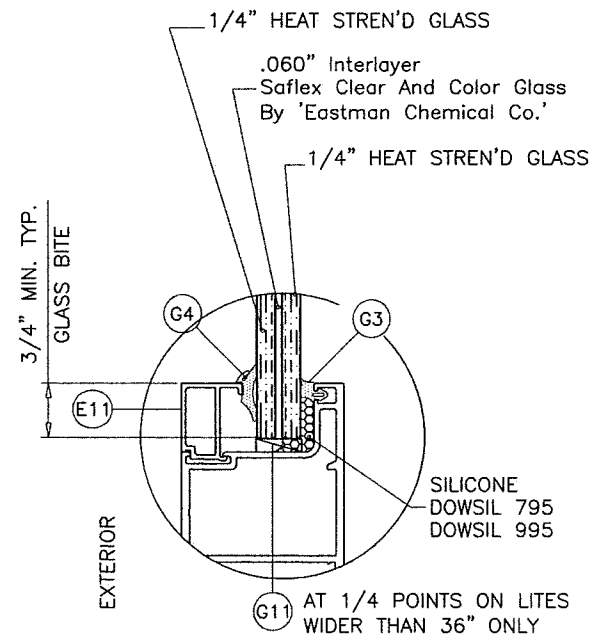
no	date	by	description
A	03.01.16		ANCHOR CHART REV.
B	01.19.18		UPDATED TO 2017 FBC
C	07.23.20		UPDATED TO 2020 FBC

date:	11-30-15
scale:	3/8" = 1"
dr. by:	TARIQ
chk. by:	

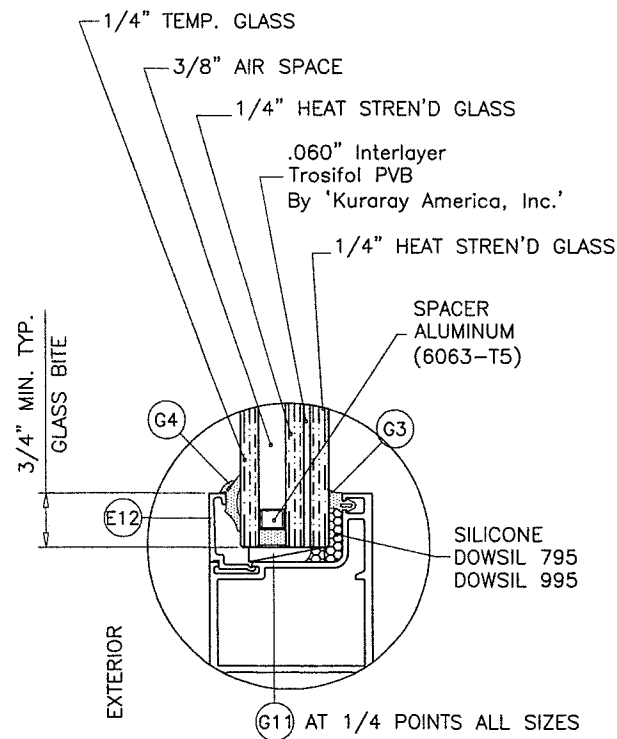
drawing no.
W15-103
sheet 1 of 12



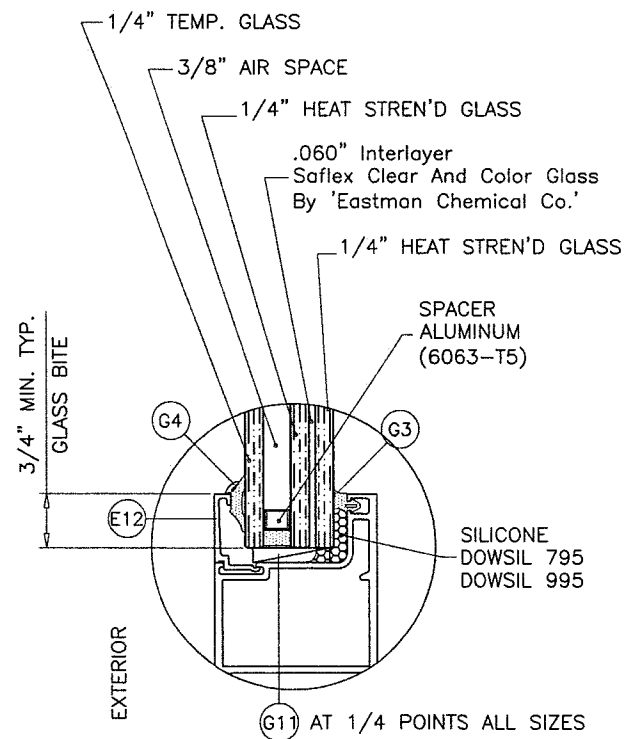
GLASS TYPE 'C'
9/16" OVERALL LAMINATED GLASS



GLASS TYPE 'D'
9/16" OVERALL LAMINATED GLASS



GLASS TYPE 'CI'
1-3/16" OVERALL INSUL. LAM. GLASS



GLASS TYPE 'DI'
1-3/16" OVERALL INSUL. LAM. GLASS

GLAZING OPTIONS

Sealed: 8/6/2020

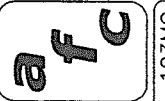


afC
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W15-103MG

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

no.	date	by	description

date: 11-30-15
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:
drawing no. W15-103
sheet 2 of 12



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

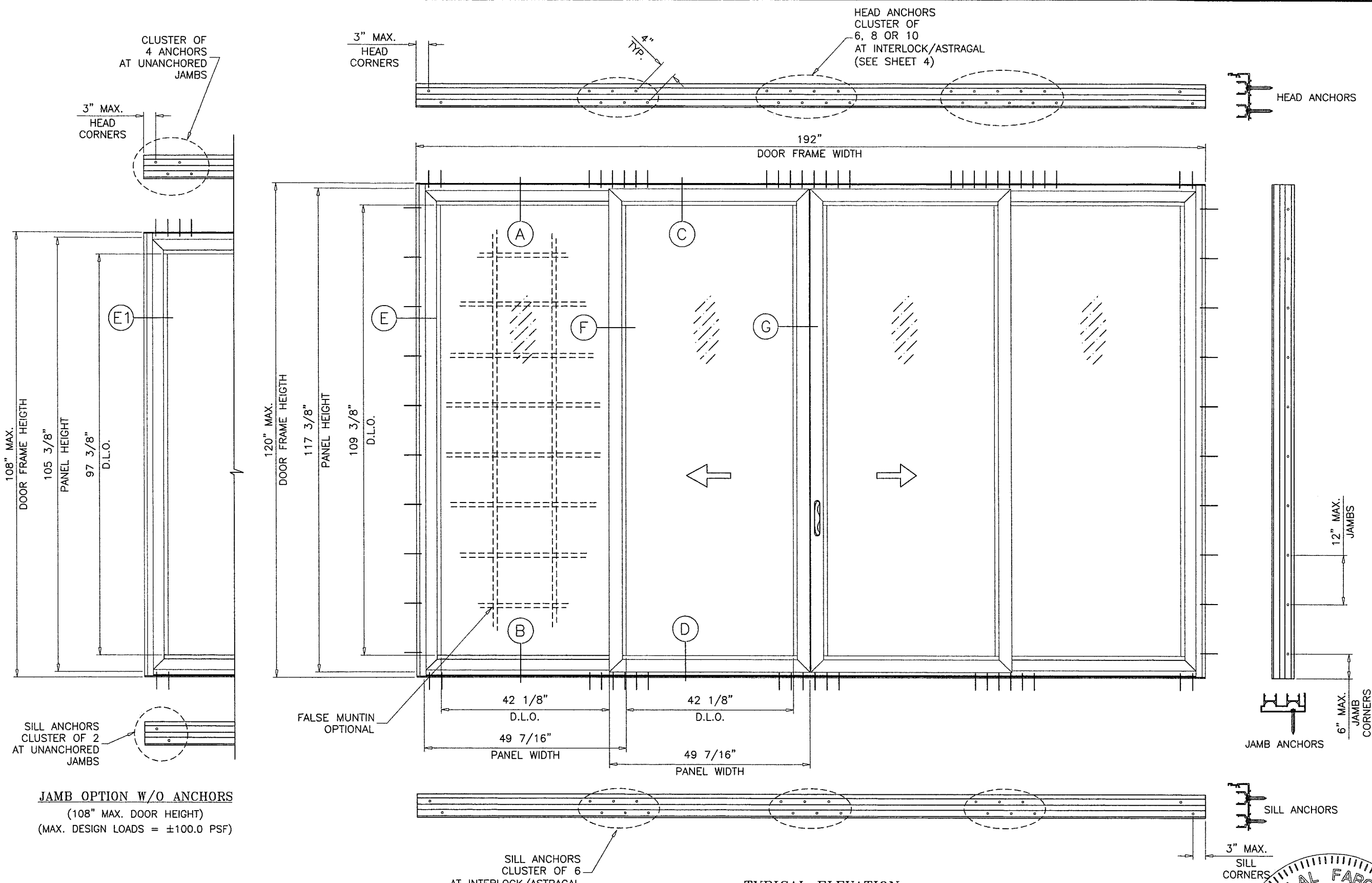
COMP-ANL\W15-103MG

MG-1000 ALUM SLIDING GLASS DOOR (S.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:	11-30-15
scale:	1/2"=1'-0"
dr. by:	TARIQ
chk. by:	

drawing no.
W15-103
 sheet 3 of 12



TYPICAL ELEVATION
 TESTED UNIT

JAMB OPTION W/O ANCHORS
 (108" MAX. DOOR HEIGHT)
 (MAX. DESIGN LOADS = ±100.0 PSF)

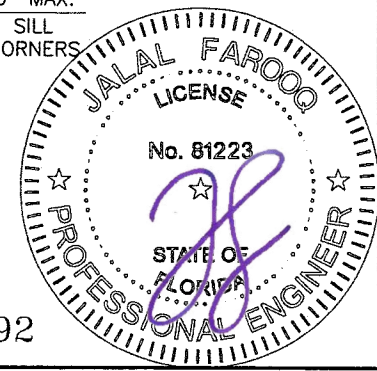
DAYLITE OPENINGS WIDTHS:
 PANEL WIDTH - 7.313"

DAYLITE OPENING HEIGHT:
 PANEL HEIGHT - 8.0"

PANEL HEIGHT = DOOR FRAME HEIGHT - 2.625"

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

Sealed: 8/6/2020

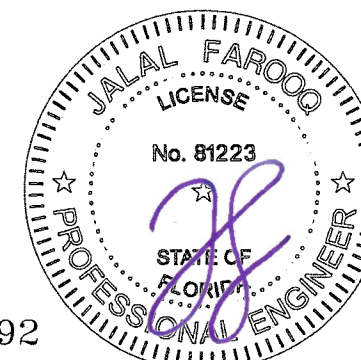



FL #19092

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. (-)	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	
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		88.8	112.0	112.0	102.6	112.0	111.5	112.0	102.6	112.0	112.0	
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	
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	
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	

Sealed: 8/6/2020

FL #19092





AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)
 MIAMI, FLORIDA 33173 FAX: (305) 262-6978
 TEL: (305) 264-9100 COMP-ANL\W15-103MG

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

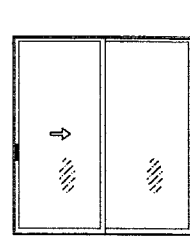
revisions:

no	date	by	description

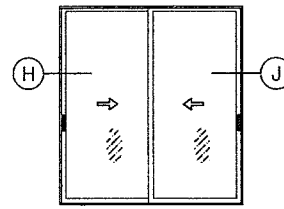
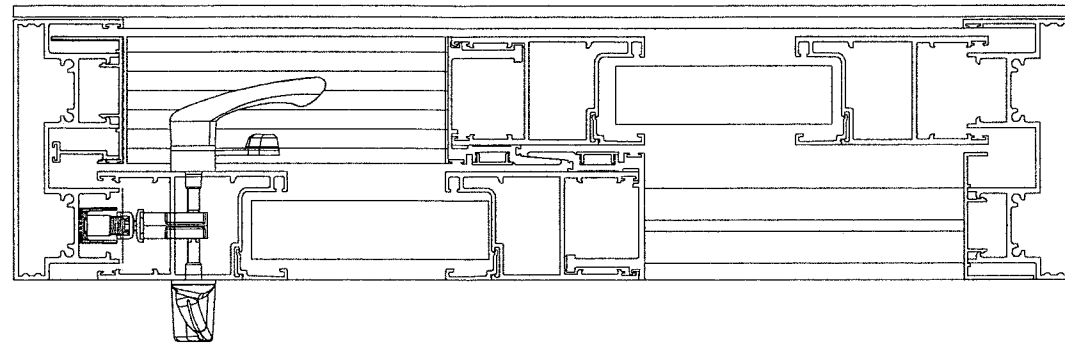
date: 11-30-15
 scale: -
 dr. by: TARIQ
 chk. by:

drawing no.
W15-103

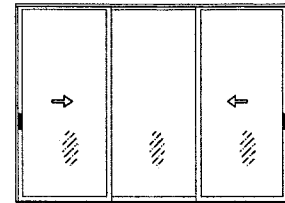
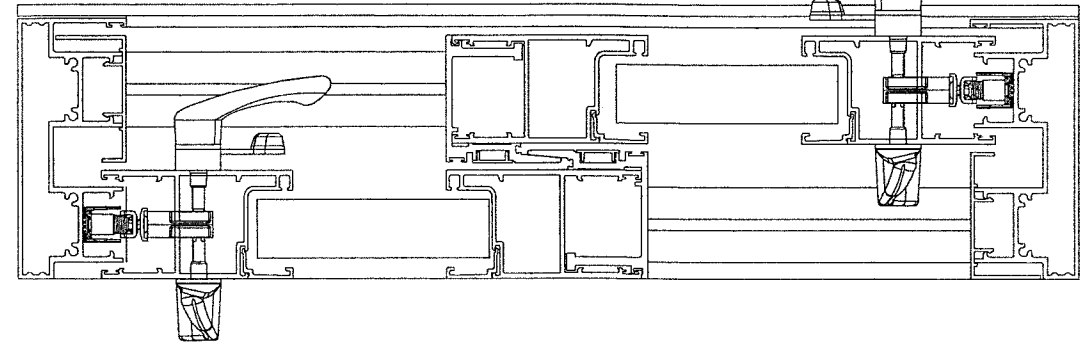
sheet 4 of 12



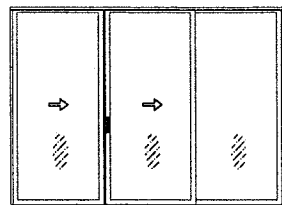
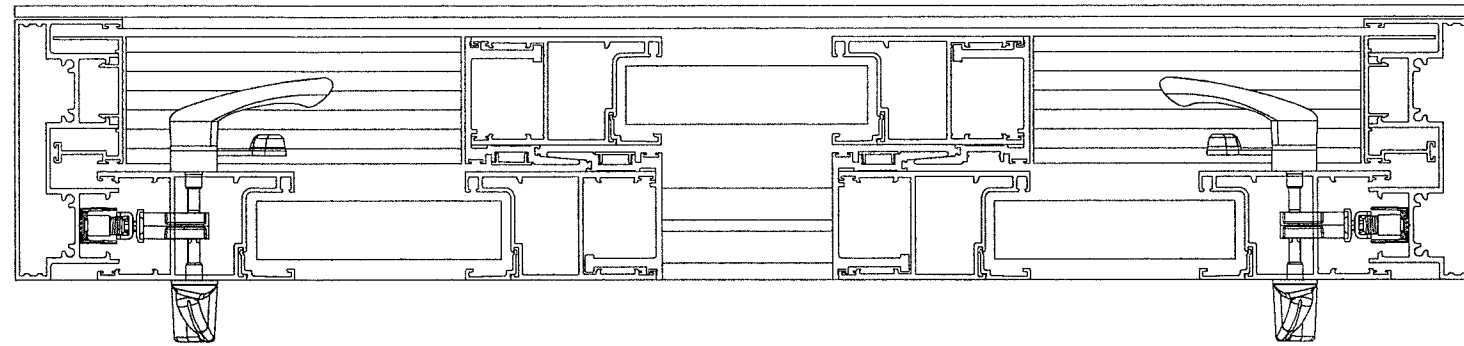
XO (SHOWN)
OX



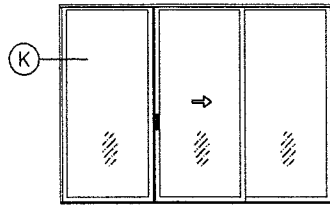
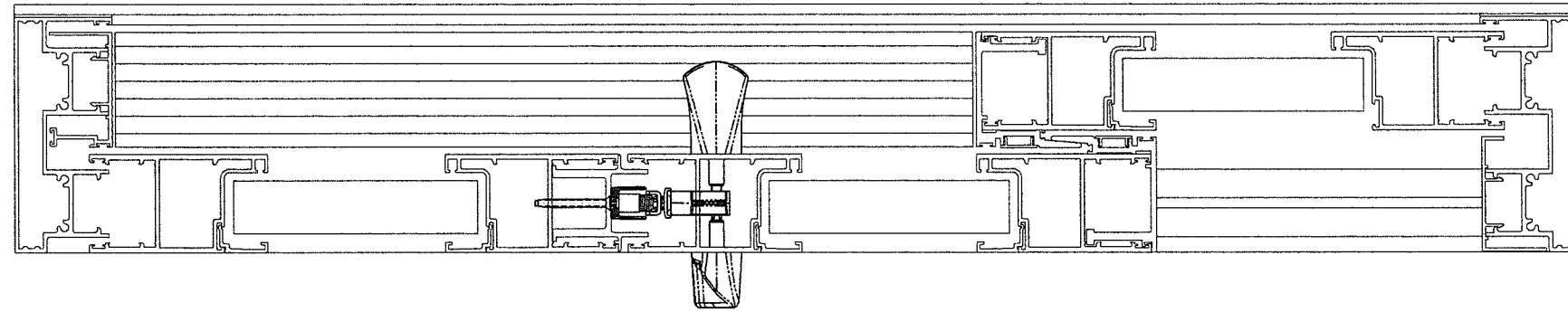
XX (SHOWN)



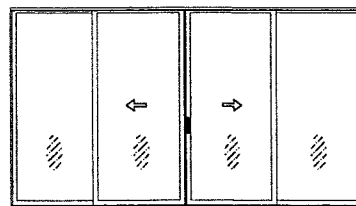
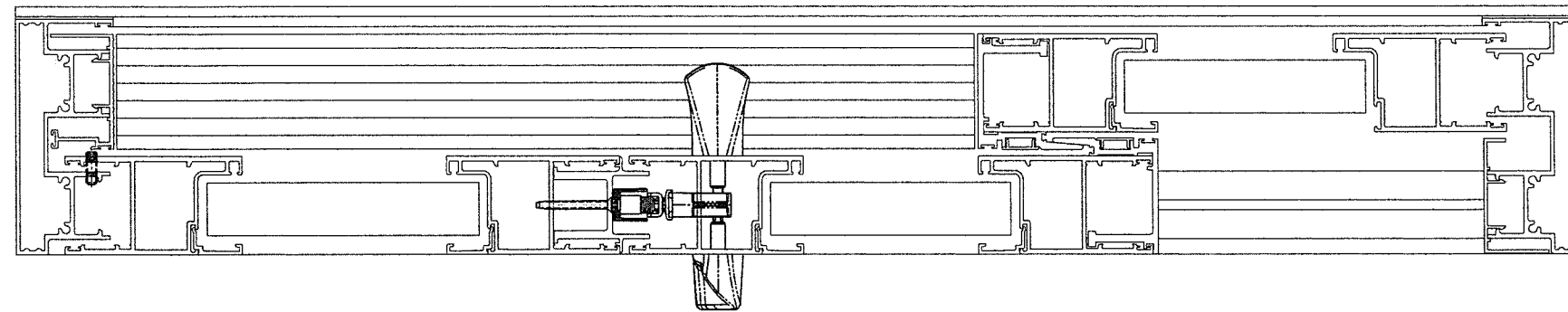
XOX (SHOWN)



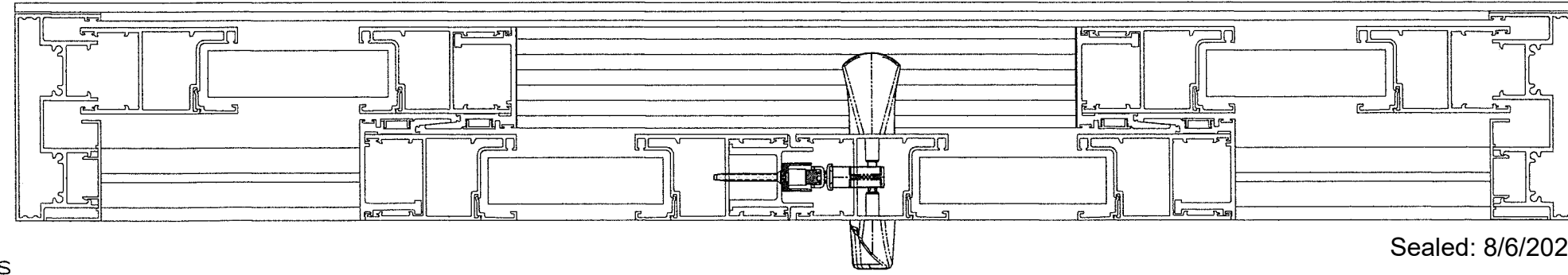
XXO (SHOWN)



OXO (SHOWN)



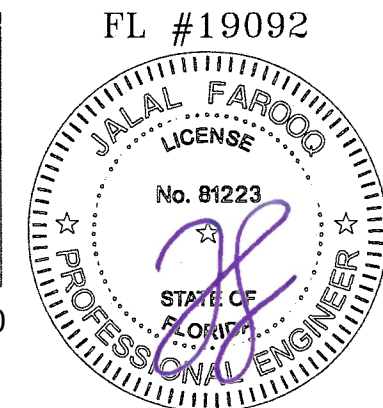
OXXO (SHOWN)



NOTE:
 1. CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSES ONLY.
 2. FOR APPLICABLE DESIGN PRESSURES SEE INSTRUCTIONS IN SHEET 1.
 3. FOR ANCHOR DETAILS SEE SHEETS 6 THRU 9.

APPROVED CONFIGURATIONS

Sealed: 8/6/2020



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\W15-103MG

MG-1000 ALUM SLIDING GLASS DOOR (S.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

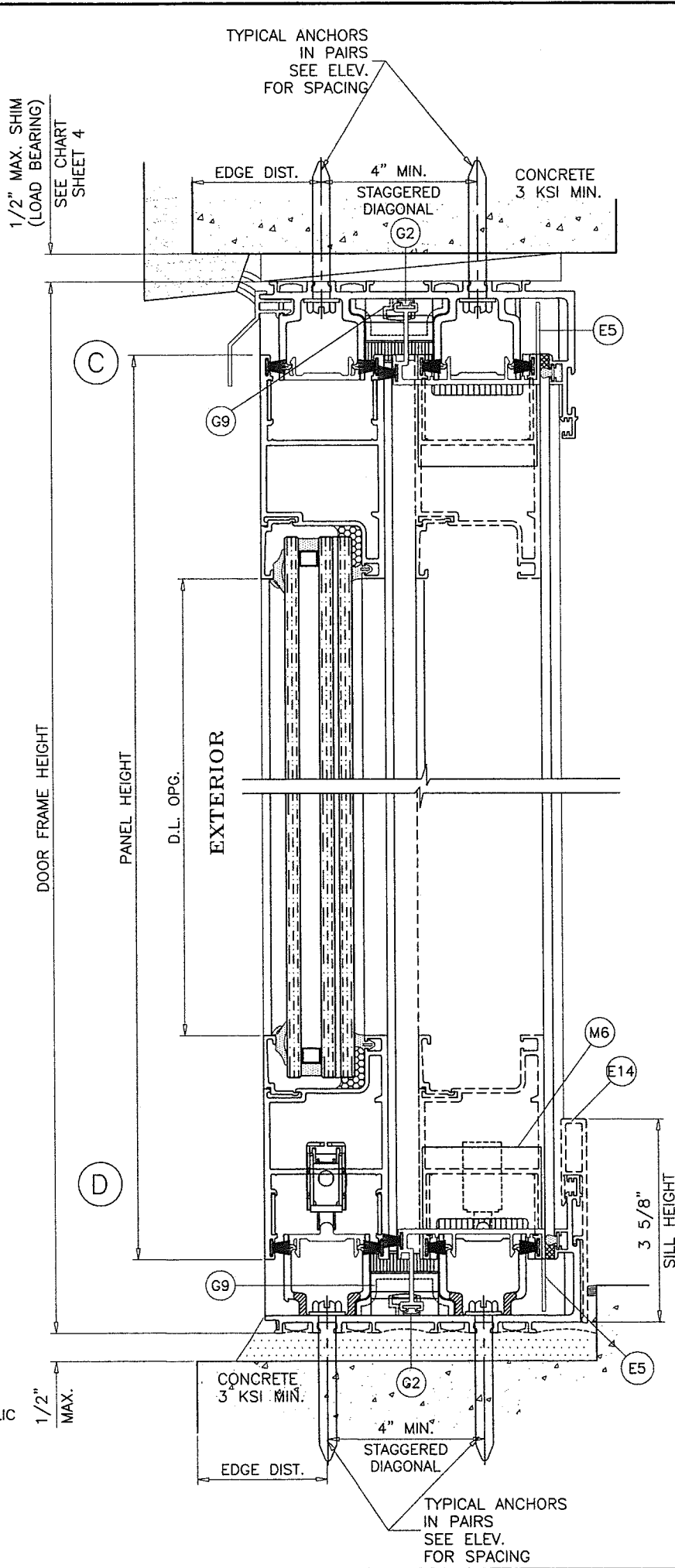
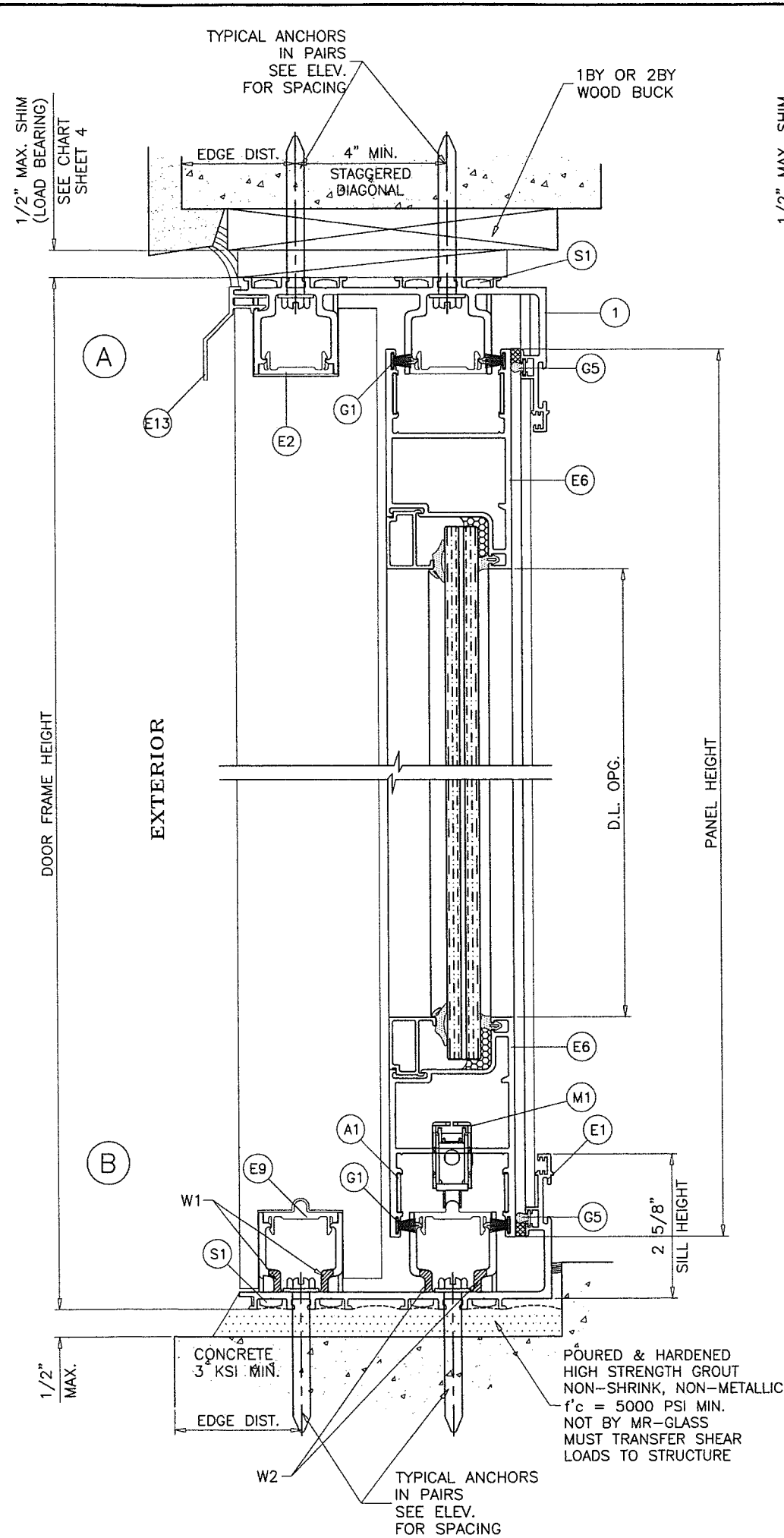
date: 11-30-15

scale: -

dr. by: TARIQ

drawing no.
W15-103

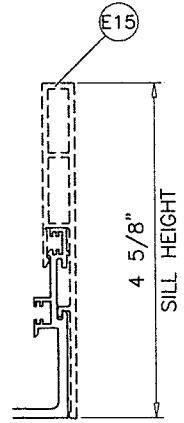
sheet 5 of 12



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: 8/6/2020

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\W15-103MG

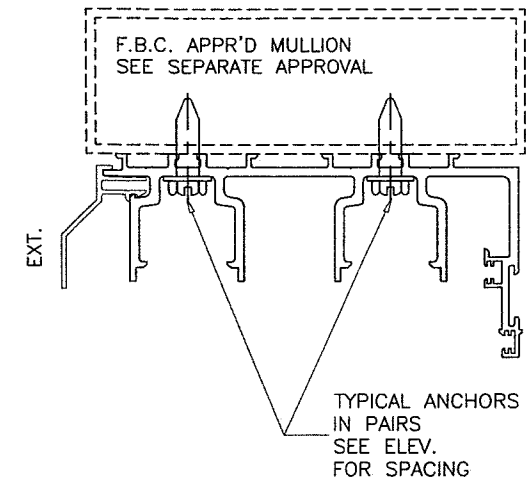
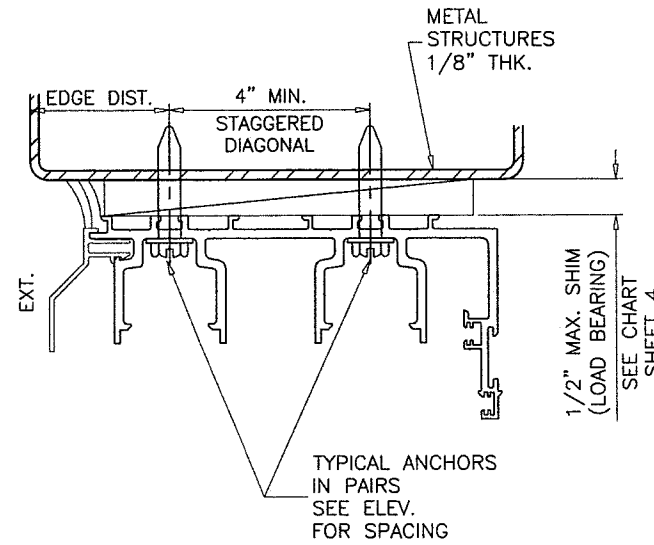
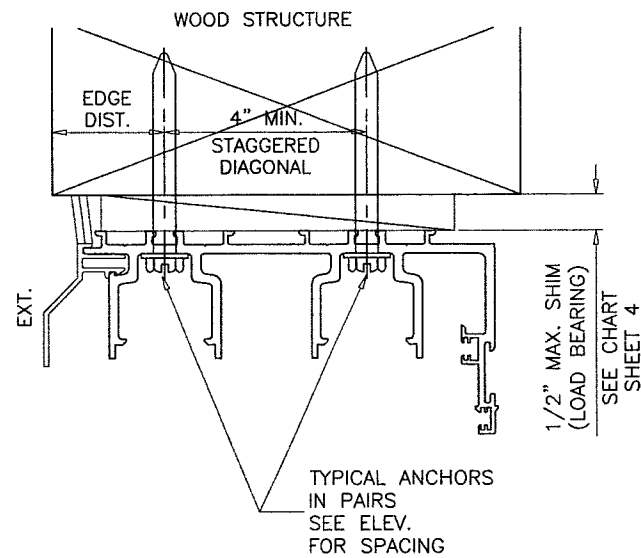
MG-1000 ALUM SLIDING GLASS DOOR (S.M.I.)

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: 11-30-15
 scale: 3/8" = 1"
 dr. by: TARIQ
 chk. by:

drawing no.
W15-103
 sheet 6 of 12



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' (Fu=177 KSI, Fy=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' (Fu=177 KSI, Fy=155 KSI)

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

TYPE 'C' - 5/16" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)

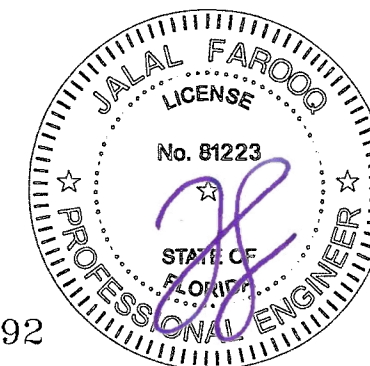
- INTO F.B.C. APPROVED MULLIONS
- OR
- INTO METAL STRUCTURES (HEAD/JAMBS)
- (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
- ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
- STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
- (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

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: 8/6/2020



FL #19092

afc
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\W15-103MG

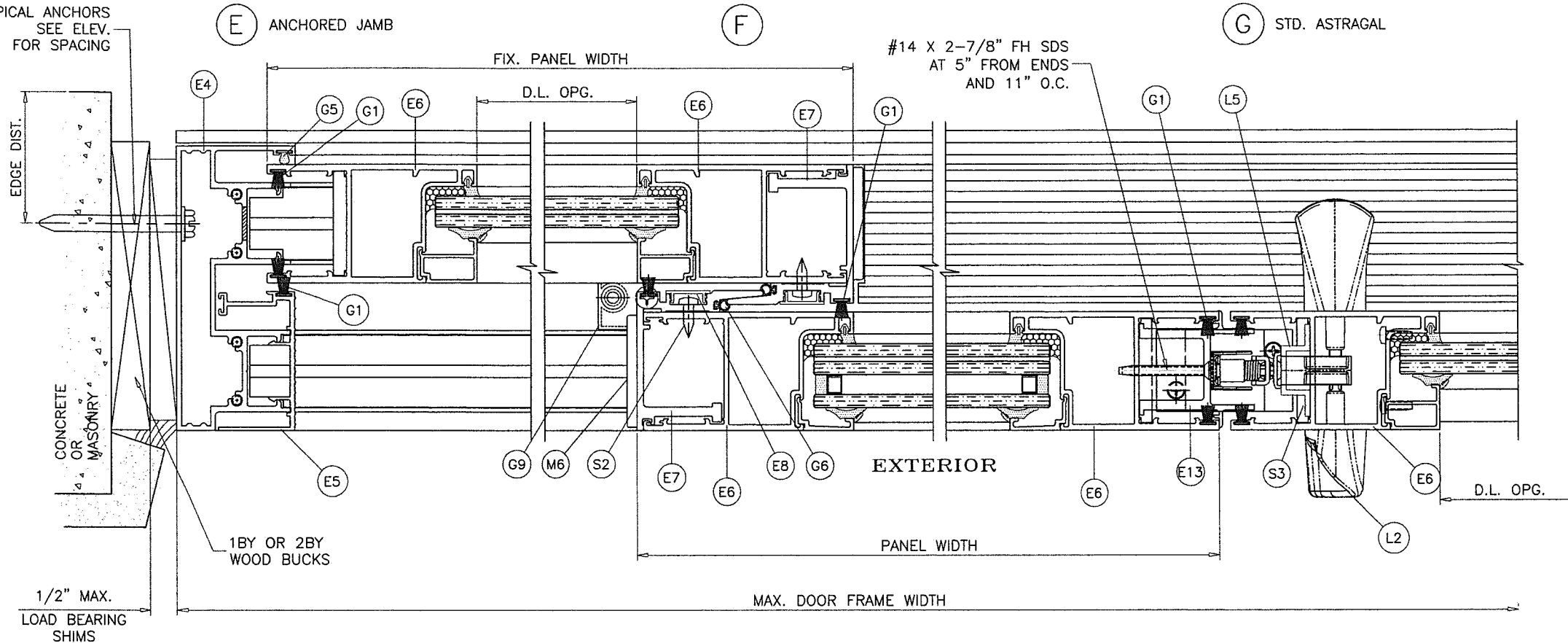
MG-1000 ALUM SLIDING GLASS DOOR (S.M.I.)
 MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
 8051 N.W. 79th Place
 Medley, FL. 33166
 Tel. (305) 764-3963 Fax. (305) 470-8285

no	date	by	description

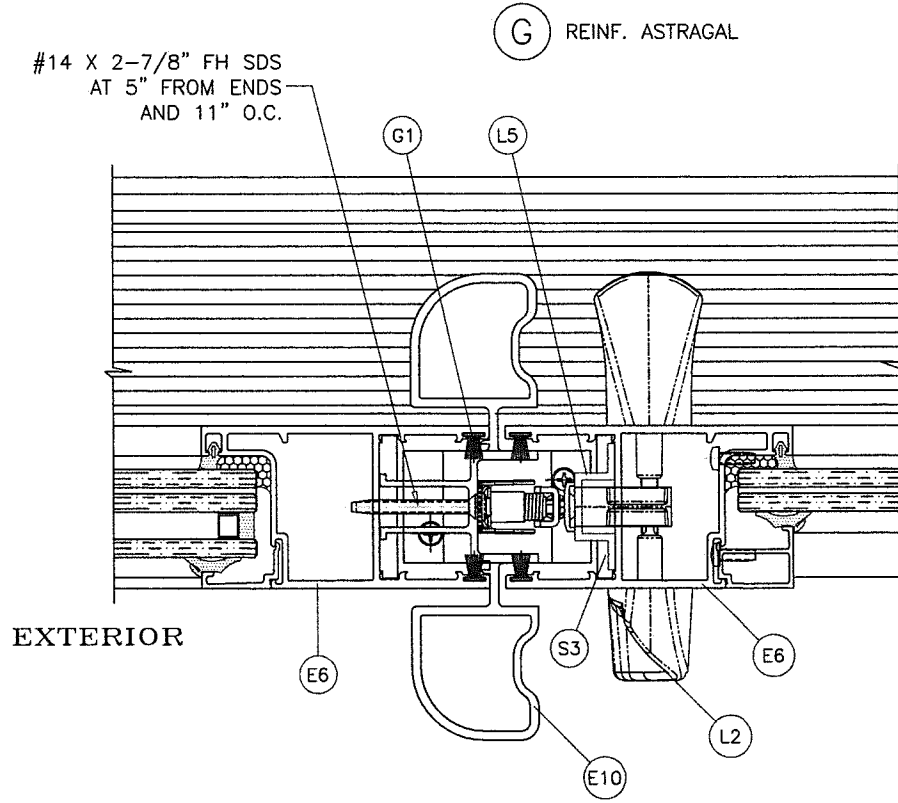
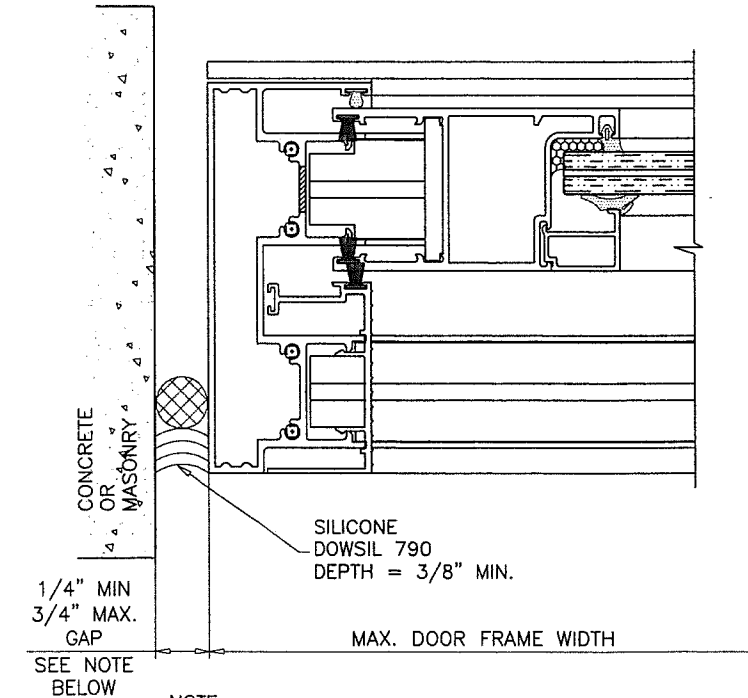
date: 11-30-15
 scale: 3/8" = 1"
 dr. by: TARIQ
 chk. by:

drawing no.
W15-103
 sheet 7 of 12

TYPICAL ANCHORS
SEE ELEV.
FOR SPACING



(E1) UNANCHORED JAMB



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\"/>

Sealed: 8/6/2020

FL #19092



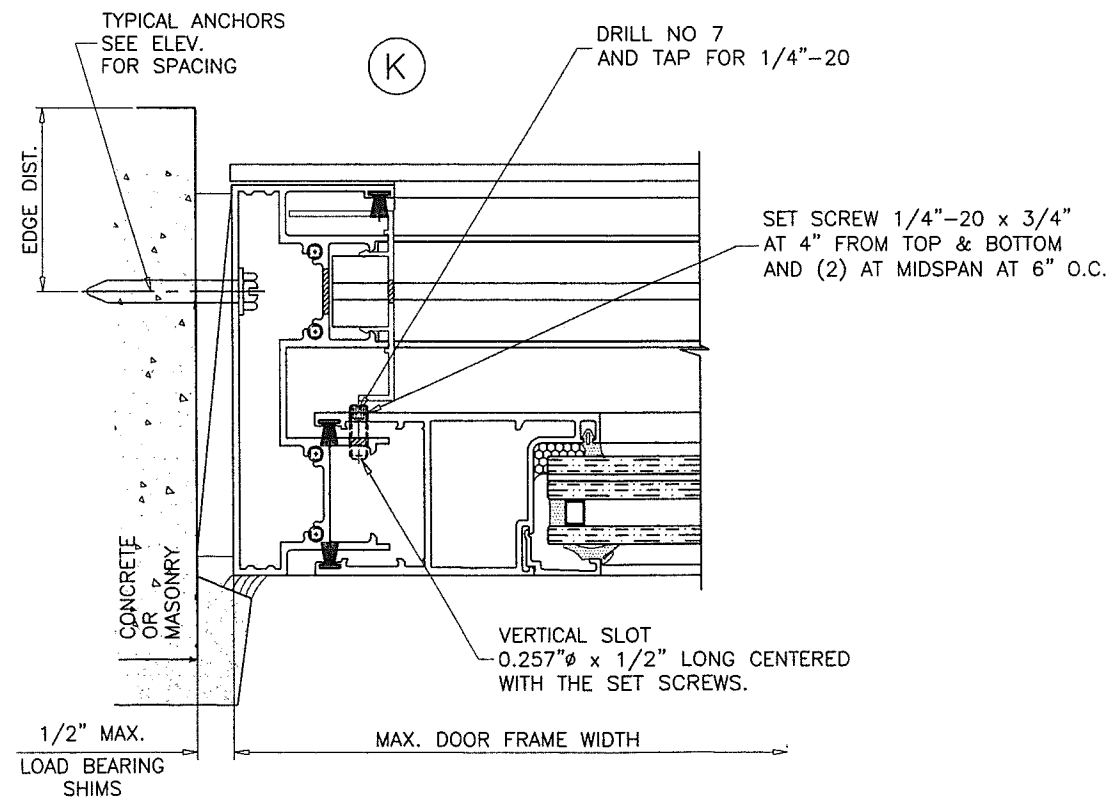
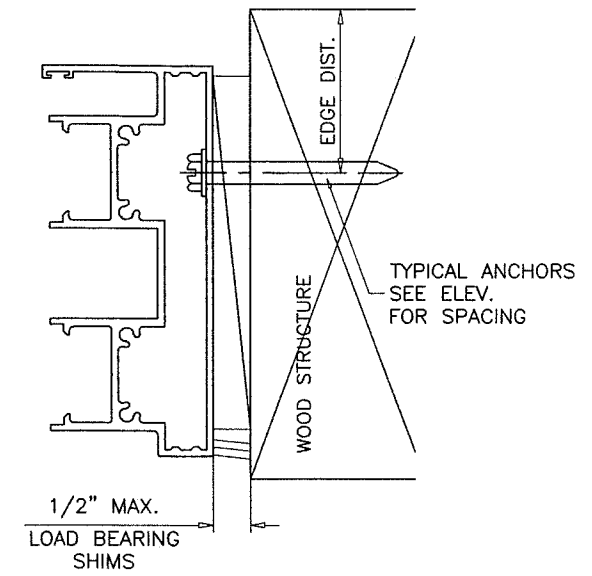
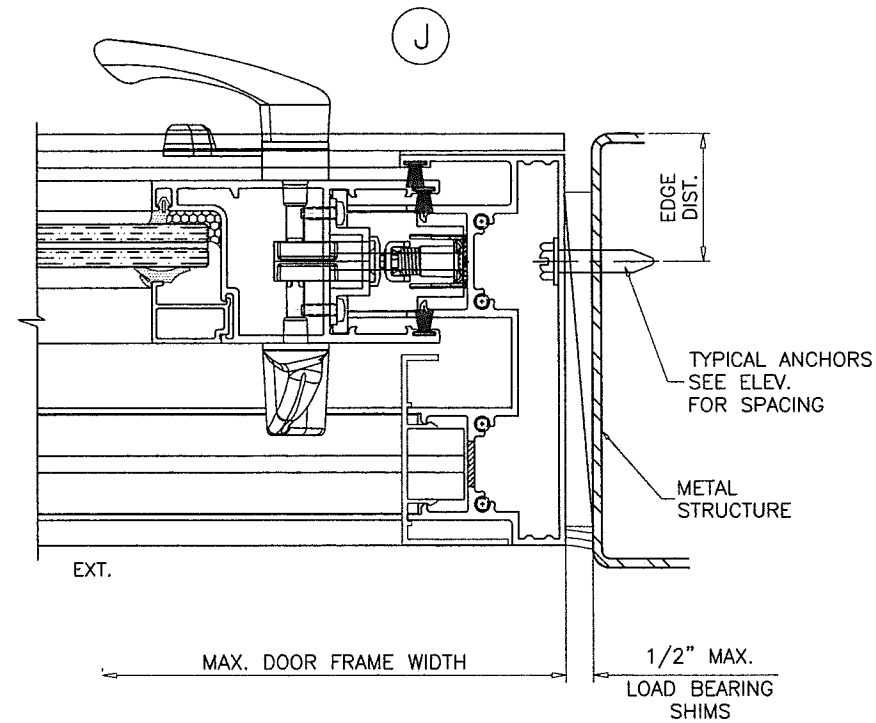
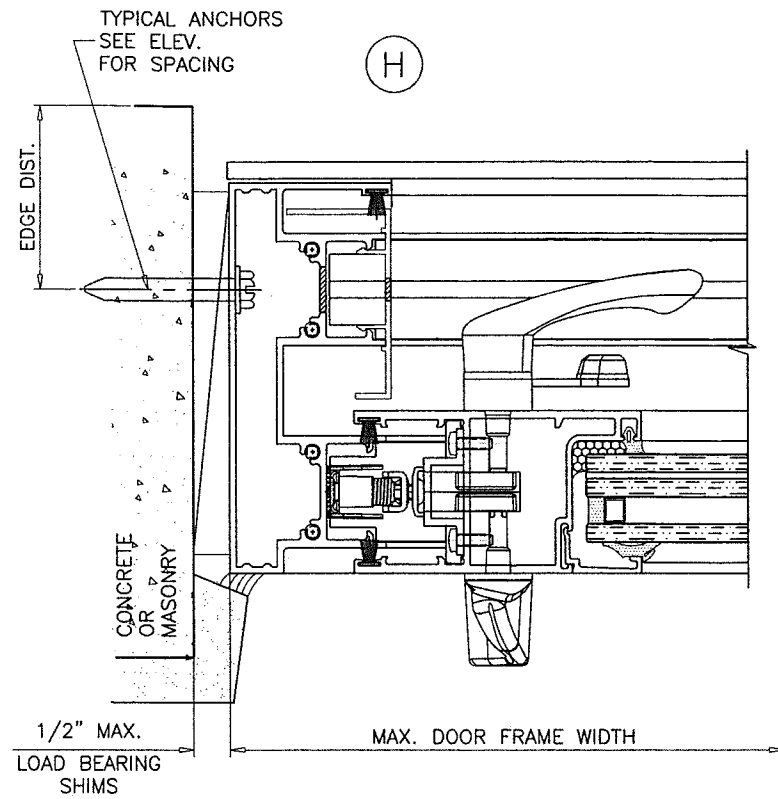
af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3588)
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W15-103MG

MG-1000 ALUM SLIDING GLASS DOOR (S.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: 11-30-15	scale: 3/8" = 1"
dr. by: TARIQ	chk. by:

drawing no.
W15-103
sheet 8 of 12



Sealed: 8/6/2020

FL #19092



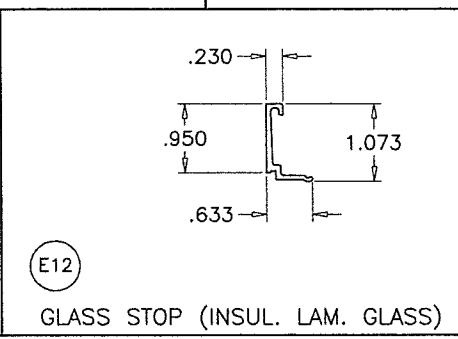
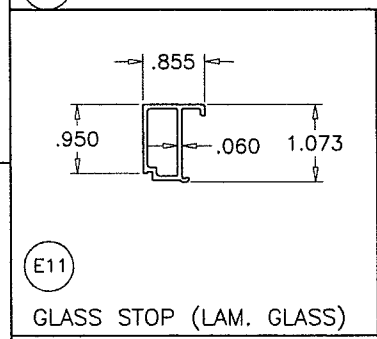
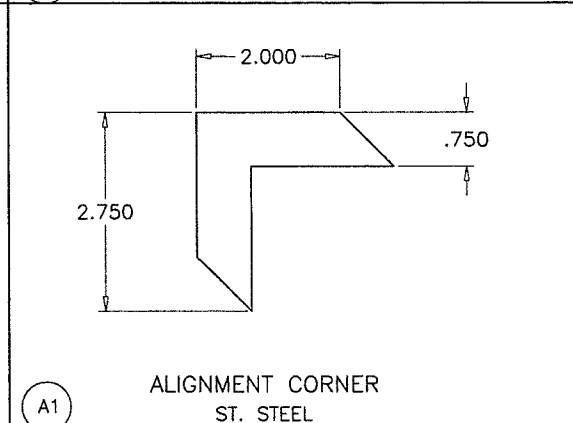
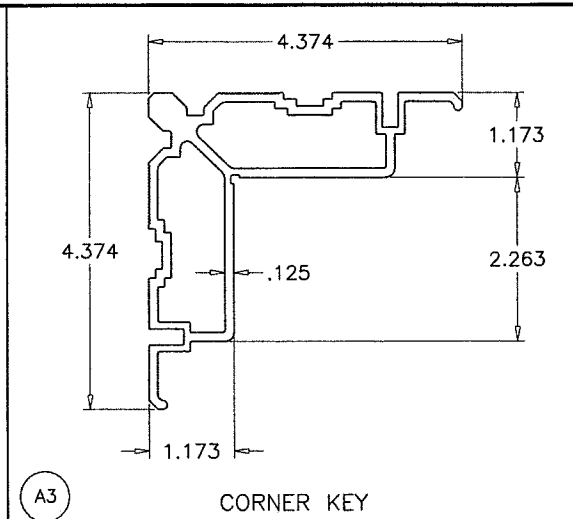
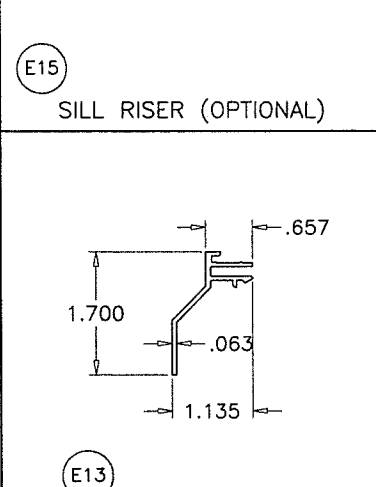
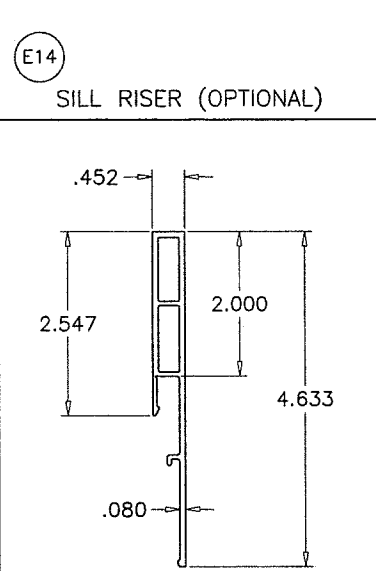
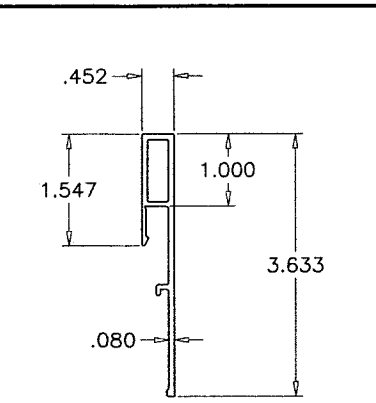
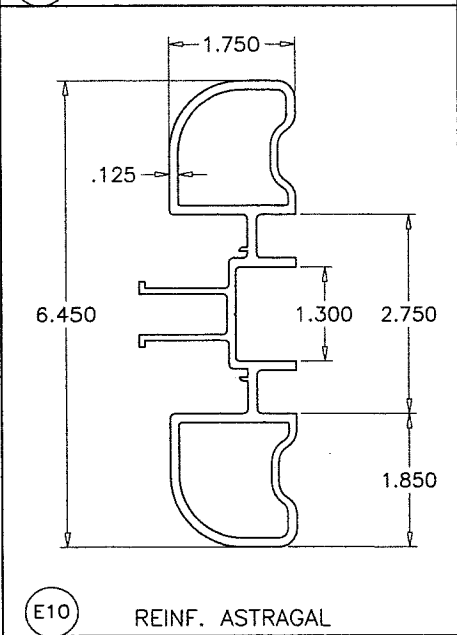
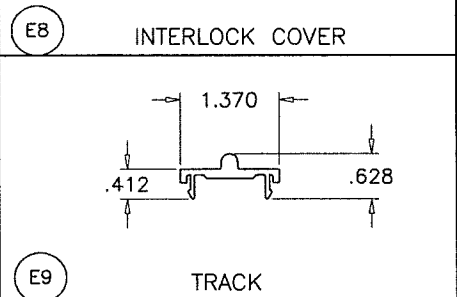
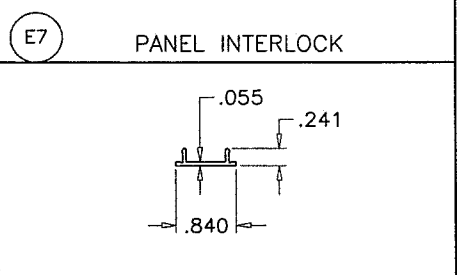
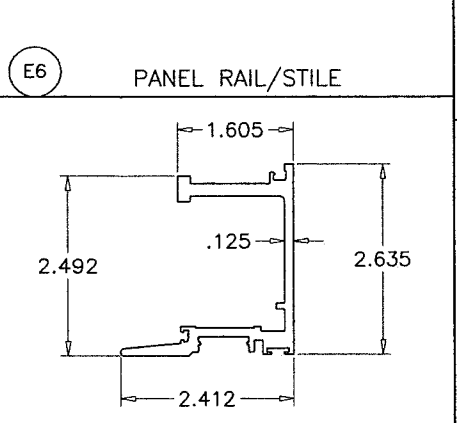
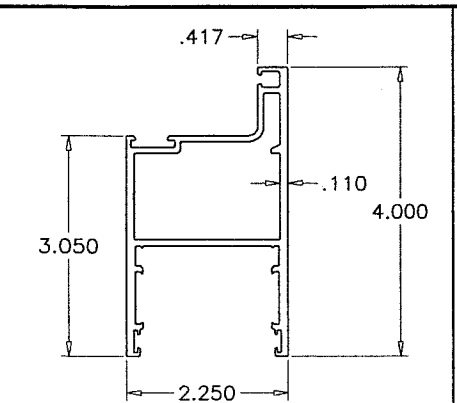
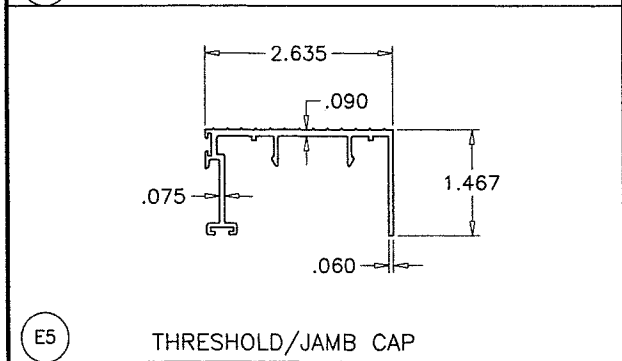
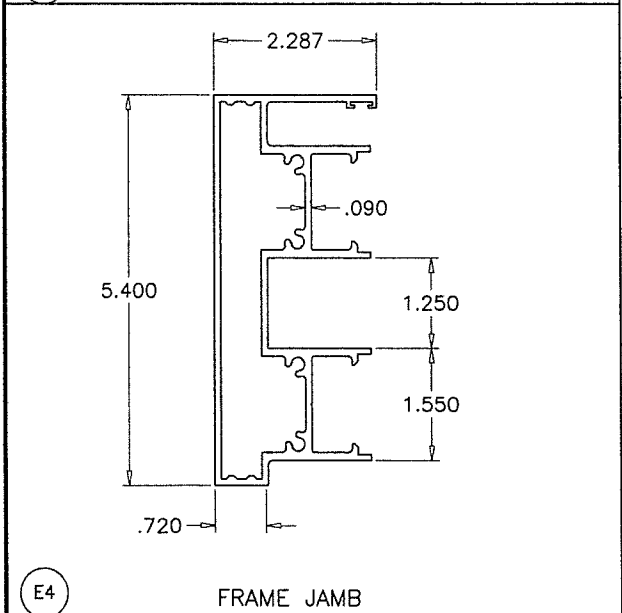
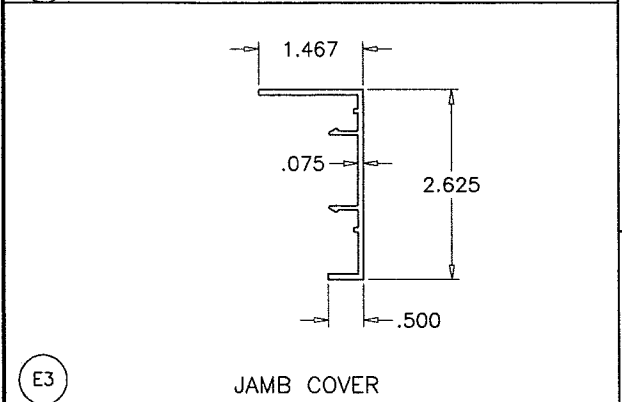
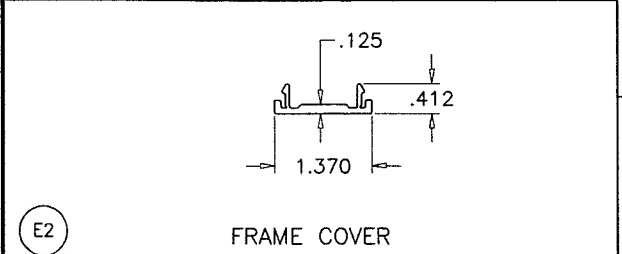
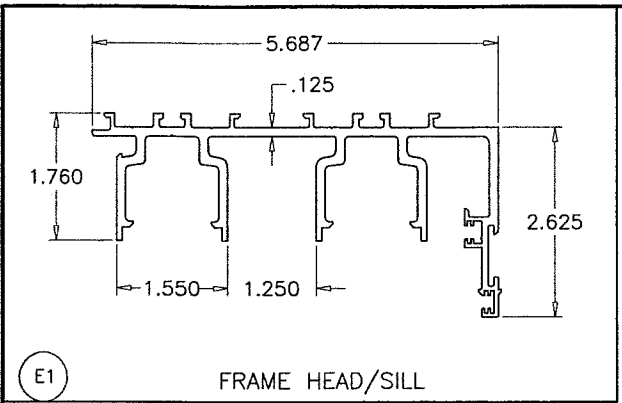
af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3588)
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W15-103MG

MG-1000 ALUM SLIDING GLASS DOOR (S.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:	11-30-15
scale:	3/8" = 1"
dr. by:	TARIQ
chk. by:	

drawing no.
W15-103
 sheet 9 of 12



af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W15-103MG

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

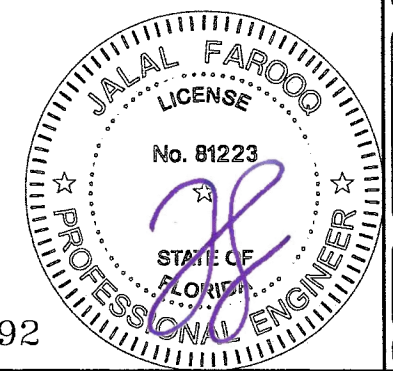
no.	date	description

date: 11-30-15
 scale: 3/8" = 1"
 dr. by: TARIQ
 chk. by:

drawing no.
W15-103
 sheet 10 of 12

Sealed: 8/6/2020

FL #19092



ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
E1	1000-E-1001	2	FRAME HEAD/SILL	6005-T5	--
E2	--	AS REQD.	FRAME COVER	6063-T5	--
E3	--	AS REQD.	JAMB COVER	6063-T5	--
E4	1000-E-1002	2	FRAME JAMB	6063-T6	--
E5	1000-E-1005	AS REQD.	THRESHOLD/JAMB CAP	6063-T5	--
E6	1000-E-1010	AS REQD.	PANEL RAIL/STILE	6005-T5	--
E7	1000-E-1011	AS REQD.	PANEL INTERLOCK	6005-T5	--
E8	1000-E-1018	AS REQD.	INTERLOCK COVER	6063-T5	--
E9	1000-E-1007	1/ MOV. PANEL	TRACK	6005-T5	--
E10	1000-E-1013	AS REQD.	REINF. ASTRAGAL	6005-T5	--
E11	1000-E-9001	4/ PANEL	GLASS STOP (LAM. GLASS)	6063-T6	--
E12	1000-E-9002	4/ PANEL	GLASS STOP (INSUL. LAM. GLASS)	6063-T6	--
E13	1000-E-1012	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
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



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\W15-103MG

MG-1000 ALUM SLIDING GLASS DOOR (S.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

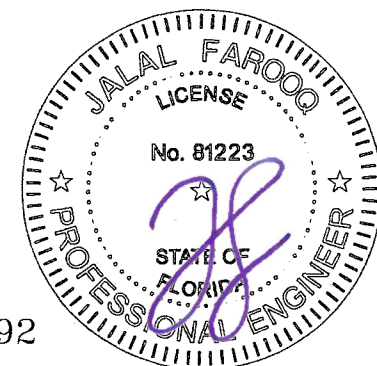
date: 11-30-15

scale: 3/8" = 1"

dr. by: TARIQ

chk. by:

Sealed: 8/6/2020

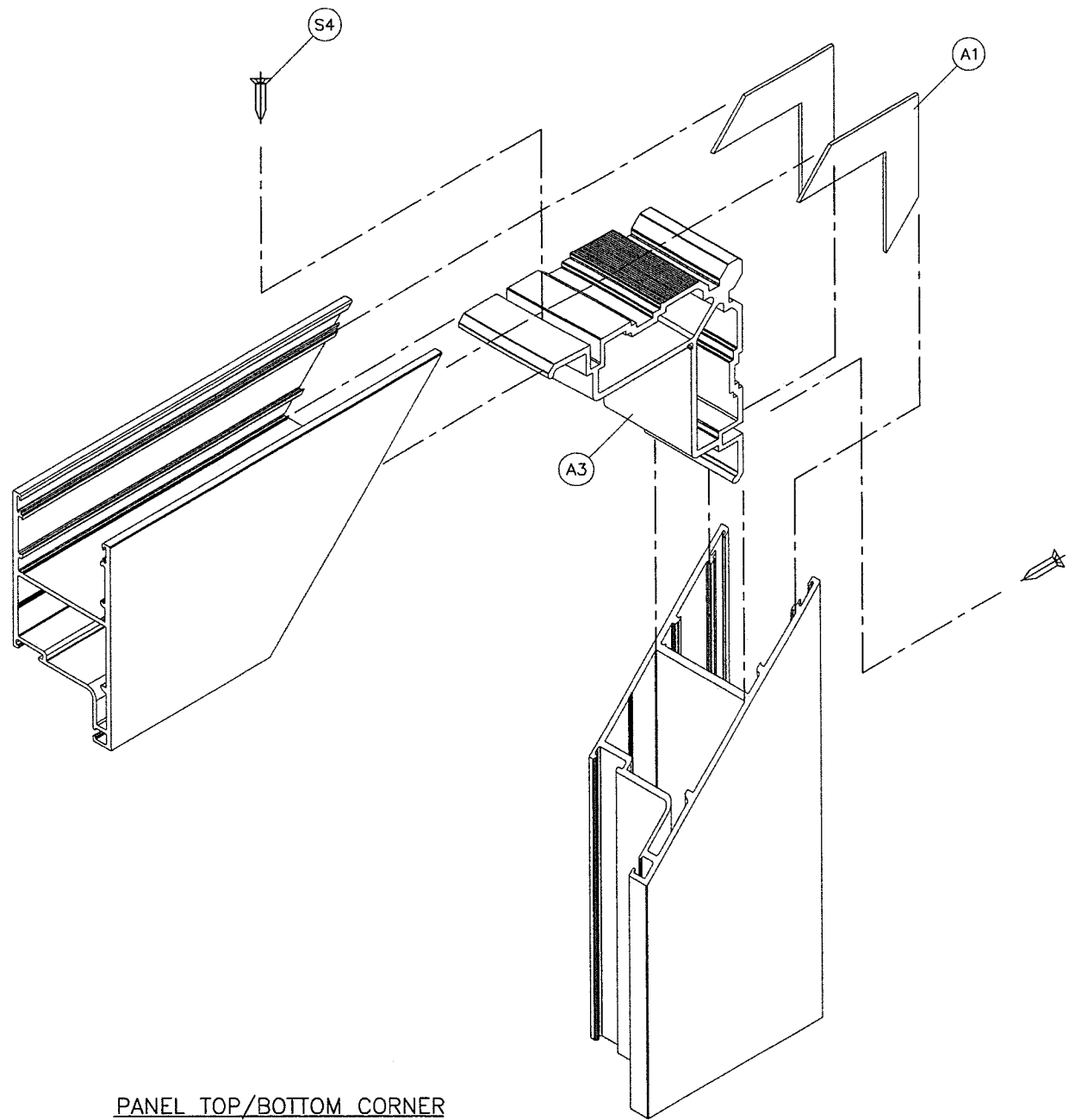


FL #19092

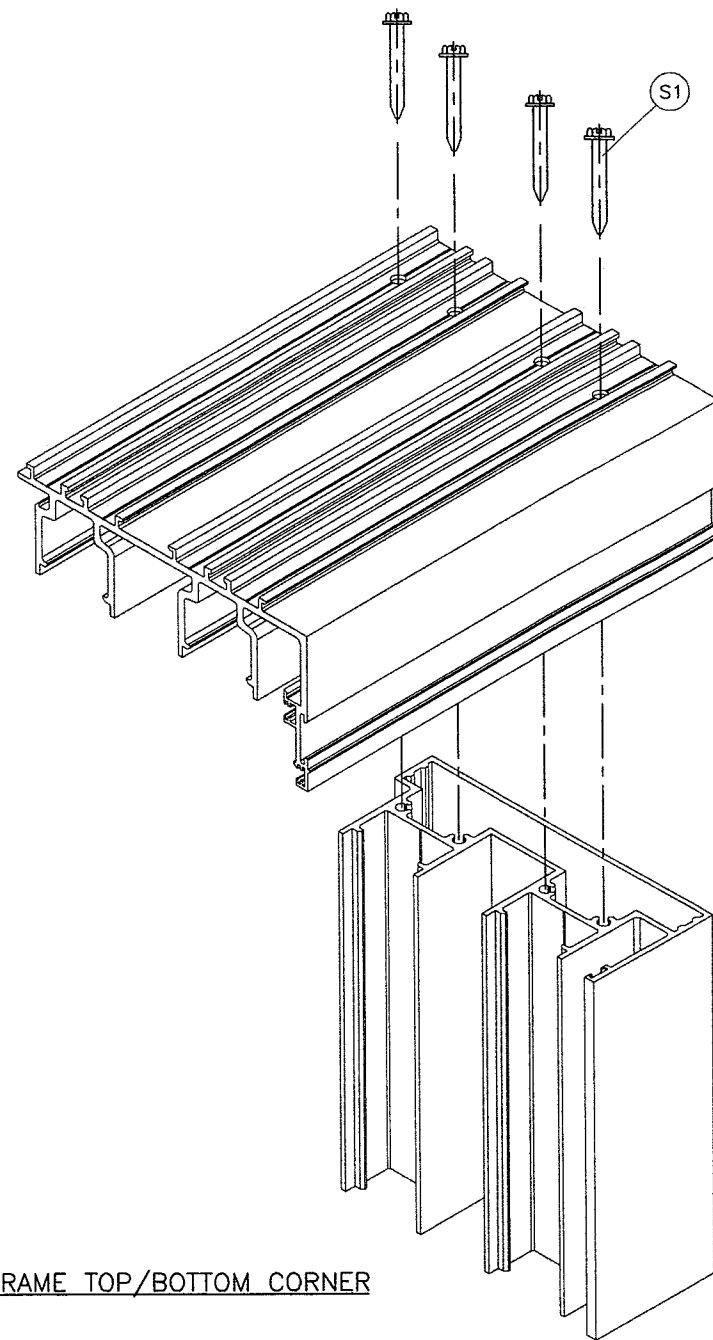
drawing no.

W15-103

sheet 11 of 12



PANEL TOP/BOTTOM CORNER



FRAME TOP/BOTTOM CORNER

Sealed: 8/6/2020

FL #19092



afc

AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W15-103MG

MG-1000 ALUM SLIDING GLASS DOOR (S.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: 11-30-15
 scale: 3/8" = 1"
 dr. by: TARIQ
 chk. by:

drawing no.
W15-103

sheet 12 of 12