

FLORIDA DEPARTMENT OF
Business & Professional Regulation



[DBPR HOME](#) | [ABOUT DBPR](#) | [DBPR DIVISIONS](#) | [CONTACT DBPR](#)

[BCIS Home](#) | [Log In](#) | [User Registration](#) | [Hot Topics](#) | [Submit Surcharge](#) | [Stats & Facts](#) | [Publications](#) | [Contact Us](#) | [BCIS Site Map](#) | [Links](#) | [Search](#)



Product Approval
USER: Public User

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

► OFFICE OF THE
SECRETARY

FL #	FL46976-R1								
Application Type	Revision								
Code Version	2023								
Application Status	Approved								
Comments									
Archived	☐								
Product Manufacturer	Custom Window Systems Inc.								
Address/Phone/Email	1900 SW 44th Avenue Ocala, FL 34474 (352) 368-6922 certifications@cws.cc								
Authorized Signature	Jalal Farooq veronica@afceng.com								
Technical Representative	Mary Rukashaza-Mukome								
Address/Phone/Email	1900 SW 44th Avenue Ocala, FL 34474 (641) 621-3317 rukashazamc@pella.com								
Quality Assurance Representative	Steven Bailey								
Address/Phone/Email	8501 NW 90th St. Medley, FL 33166 (305) 696-8660 sbailey@cws.cc								
Category	Exterior Doors								
Subcategory	Swinging 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	National Accreditation and Management Institute								
Quality Assurance Contract Expiration Date	12/31/2026								
Validated By	Abel Carrasco, PE ☒ Validation Checklist - Hardcopy Received								
Certificate of Independence	FL46976_R1_COI_SS - Certificate of Independence 2023.pdf								
Referenced Standard and Year (of Standard)	<table> <thead> <tr> <th>Standard</th><th>Year</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>	Standard	Year	TAS 201	1994	TAS 202	1994	TAS 203	1994
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 Submitted10/22/2024

Date Validated10/24/2024

Date Pending FBC Approval10/26/2024

Date Approved12/10/2024

Summary of Products		
FL #	Model, Number or Name	Description
46976.1	Series 360 Aluminum Outswing Entrance Door	Non-impact resistant aluminum outswing entrance door.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +100/-100 Other: See attached drawing 21-32F for installation instructions and applicable design pressures for various configurations.		Installation Instructions FL46976_R1_II_SS - 360 FD (NI) - DWG 21-32F 2023 R1.pdf Verified By: Jalal Farooq PE # 81223 Created by Independent Third Party: Yes Evaluation Reports FL46976_R1_AE_SS -360 FD (NI)-PAE 2023.pdf Created by Independent Third Party: Yes
46976.2	Series 7600 Aluminum Outswing Entrance Door	Large missile impact resistant aluminum outswing entrance door.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +75/-80 Other: See attached drawing 21-14F for installation instructions and applicable design pressures for various configurations.		Installation Instructions FL46976_R1_II_SS - 7600 FD (LMI) - DWG 21-14F 2023 R1.pdf Verified By: Jalal Farooq PE # 81223 Created by Independent Third Party: Yes Evaluation Reports FL46976_R1_AE_SS - 7600 FD (LMI)-PAE 2023.pdf Created by Independent Third Party: Yes

Back

Next

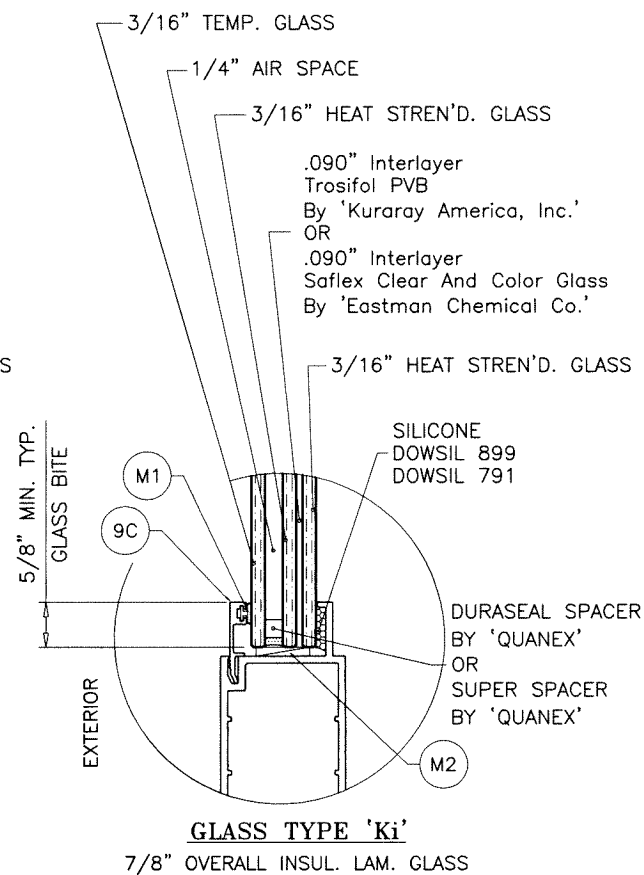
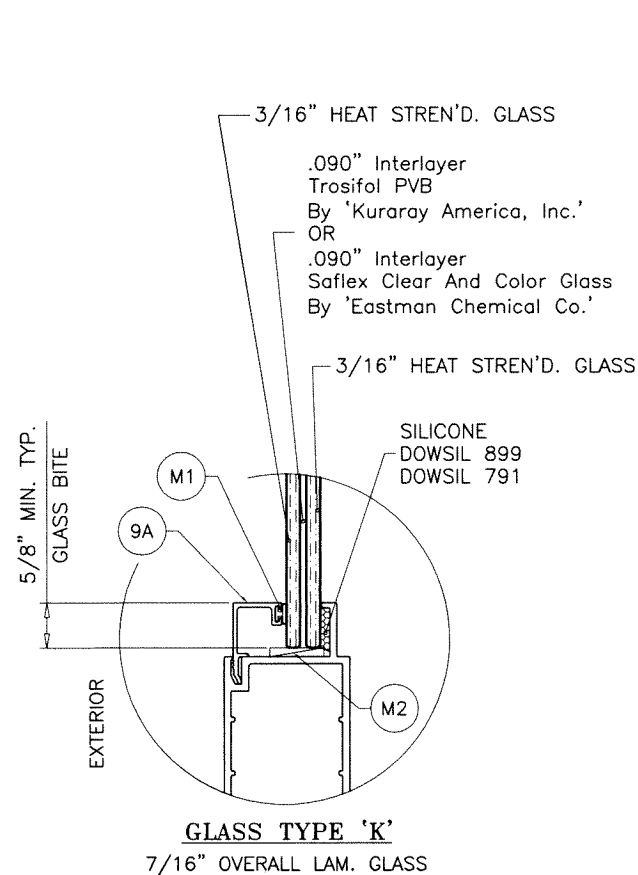
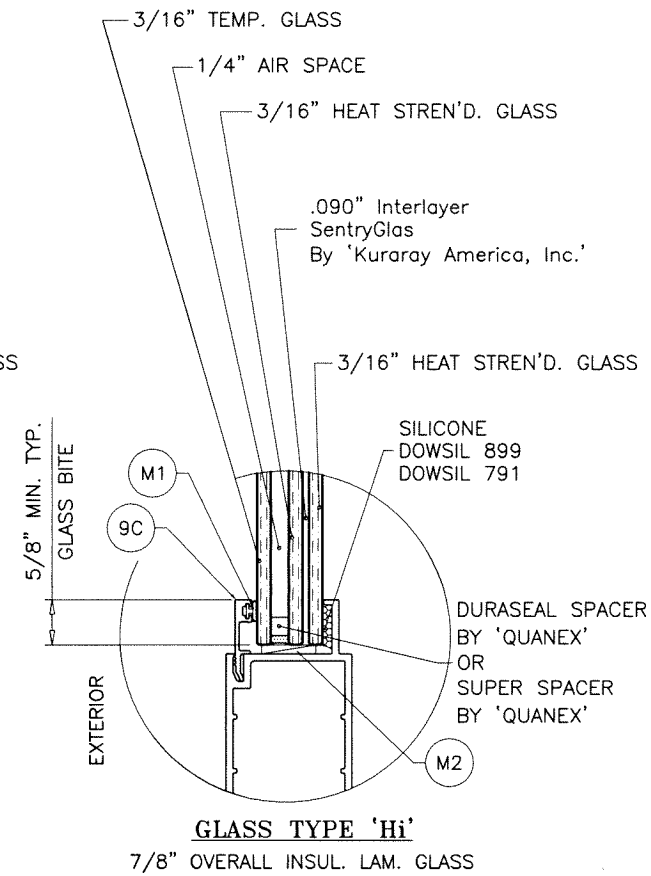
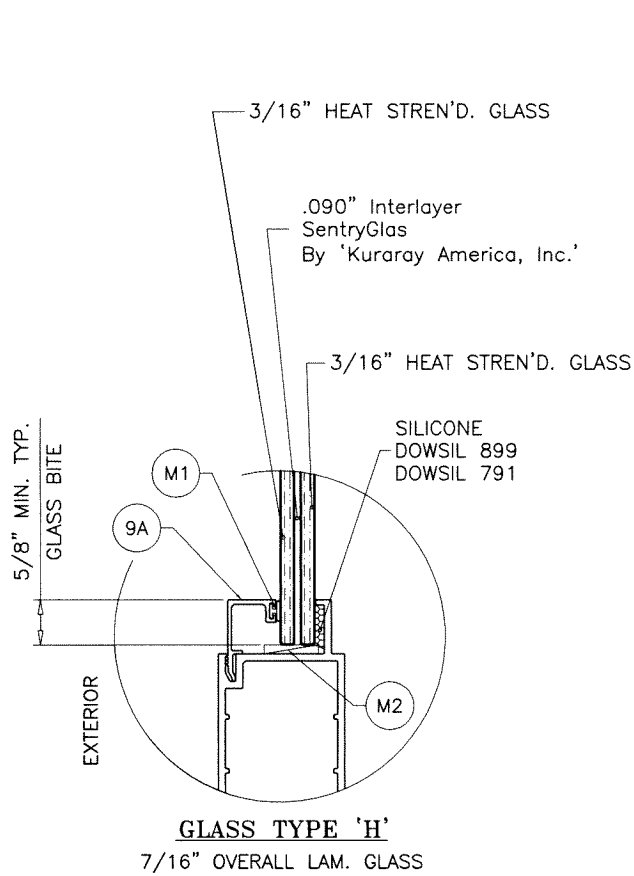
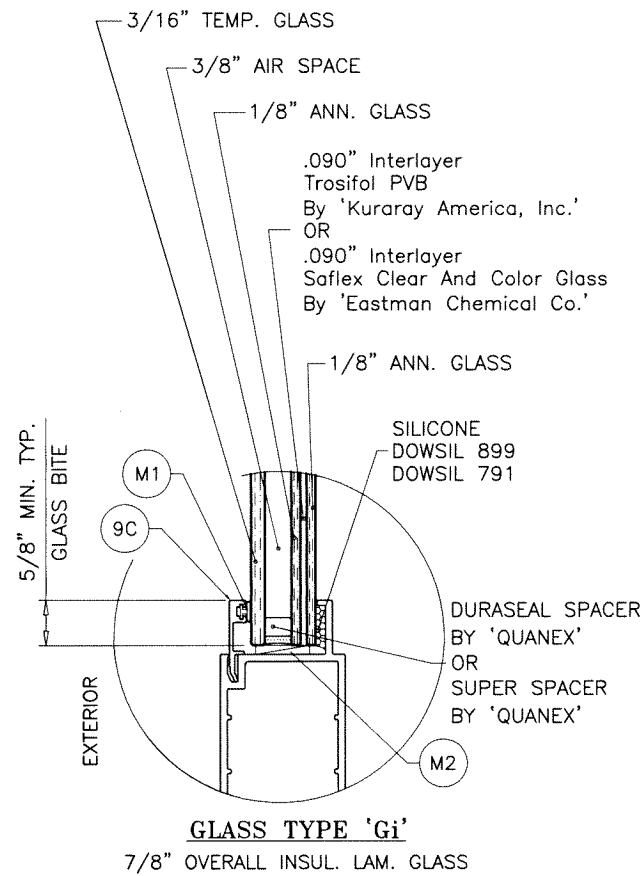
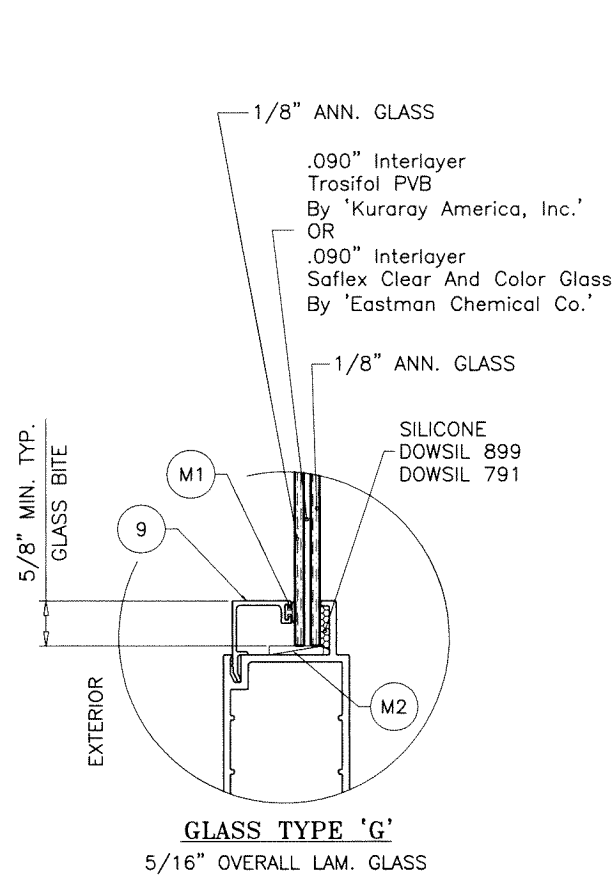
Contact Us :: [2601 Blair Stone Road, Tallahassee FL 32399](#) Phone: 850-487-1824

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

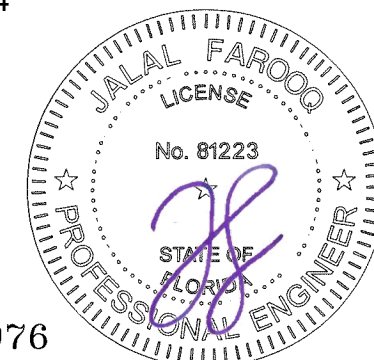
Under Florida law, email addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395.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

Product Approval Accepts:





Sealed: 10/22/2024



FL #46976

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\21-14F-LI

Custom Window Systems Inc.
1900 S.W. 44th Avenue
Ocala, FL 34474
Tel. (352) 368-6922
WWW.CWS.CO

revisions:	
no	date by description

date: 02-22-21

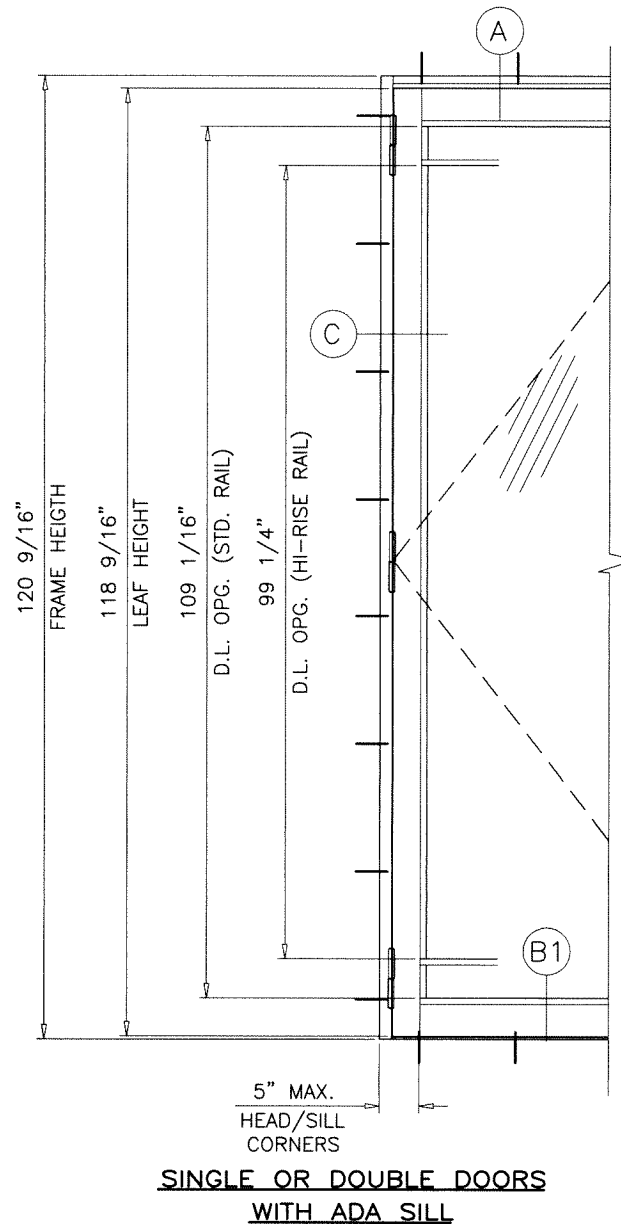
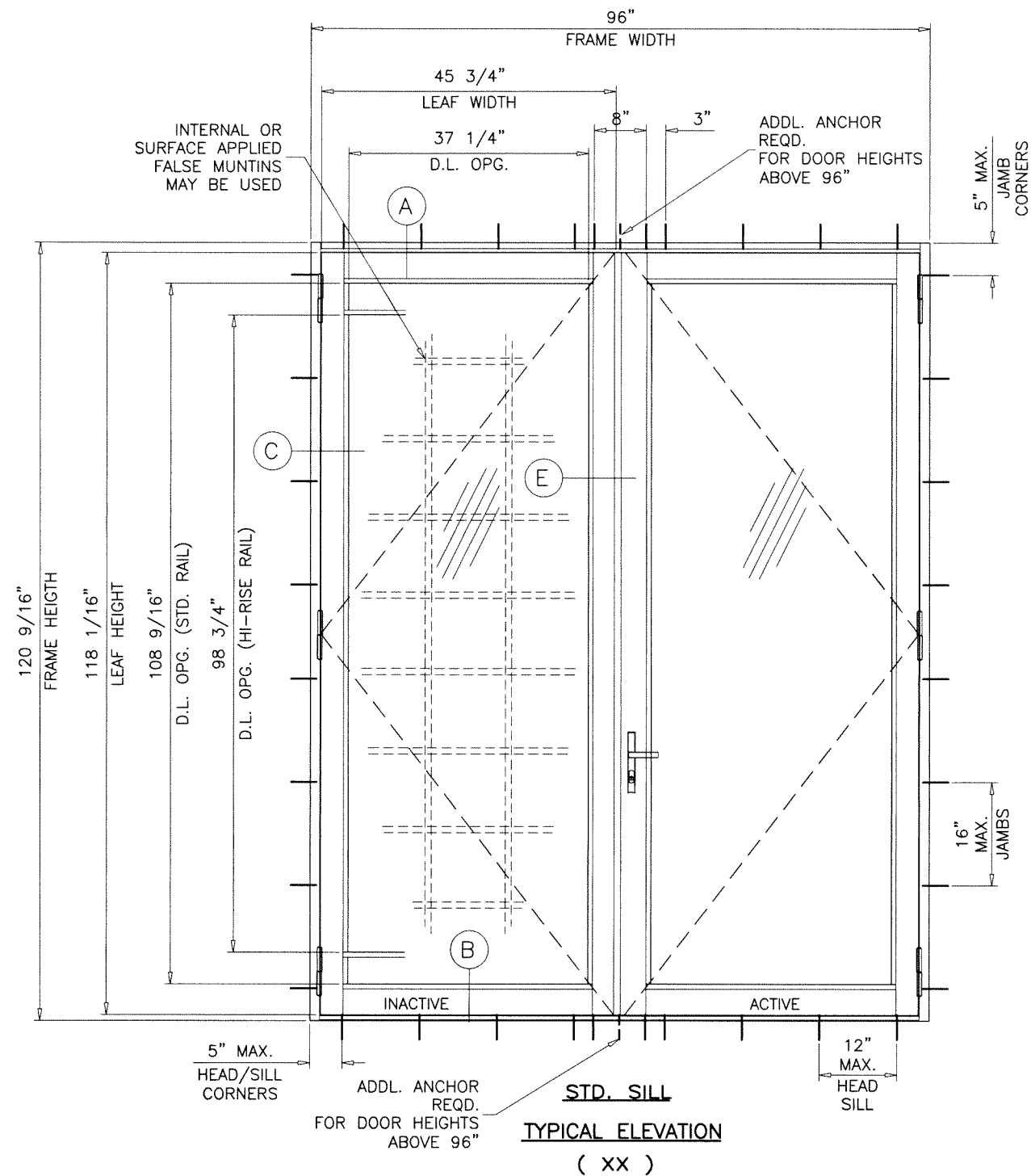
scale: 3/8" = 1"

dr. by: TARIQ

chk. by:

drawing no.
21-14F

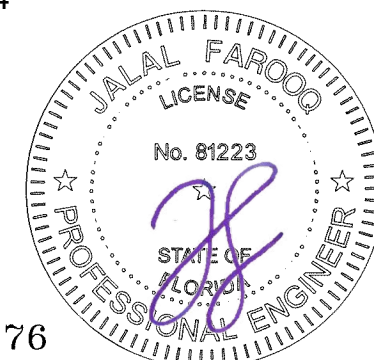
sheet 2.1 of 15



DOUBLE DOORS LOAD CAPACITY - PSF												
FRAME		LEAF		THRESHOLD TYPES	GLASS TYPES 'A','Ai','H','Hi'		GLASS TYPES 'D','Di','E','Ei' 'F','Fi','K','Ki'		GLASS TYPES 'G'		GLASS TYPES 'Gi'	
					EXT.(+)	INT.(−)	EXT.(+)	INT.(−)	EXT.(+)	INT.(−)	EXT.(+)	INT.(−)
WIDTH	HEIGHT	WIDTH	HEIGHT									
76"	80–9/16"	35–3/4"	78–1/16"	STD.	55.0	55.0	75.0	80.0	60.0	60.0	70.0	70.0
			78–9/16"	ADA								
76"	96"	35–3/4"	93–1/2"	STD.	55.0	55.0	75.0	80.0	—	—	—	—
			94"	ADA								
96"	120–9/16"	45–3/4"	118–1/16"	STD.	55.0	55.0	—	—	—	—	—	—
			118–9/16"	ADA								

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: 10/22/2024



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

COMP-ANL\21-14F-LI

SERIES 7600 ALUMINUM OUTSWING DOOR (L.M.I.)

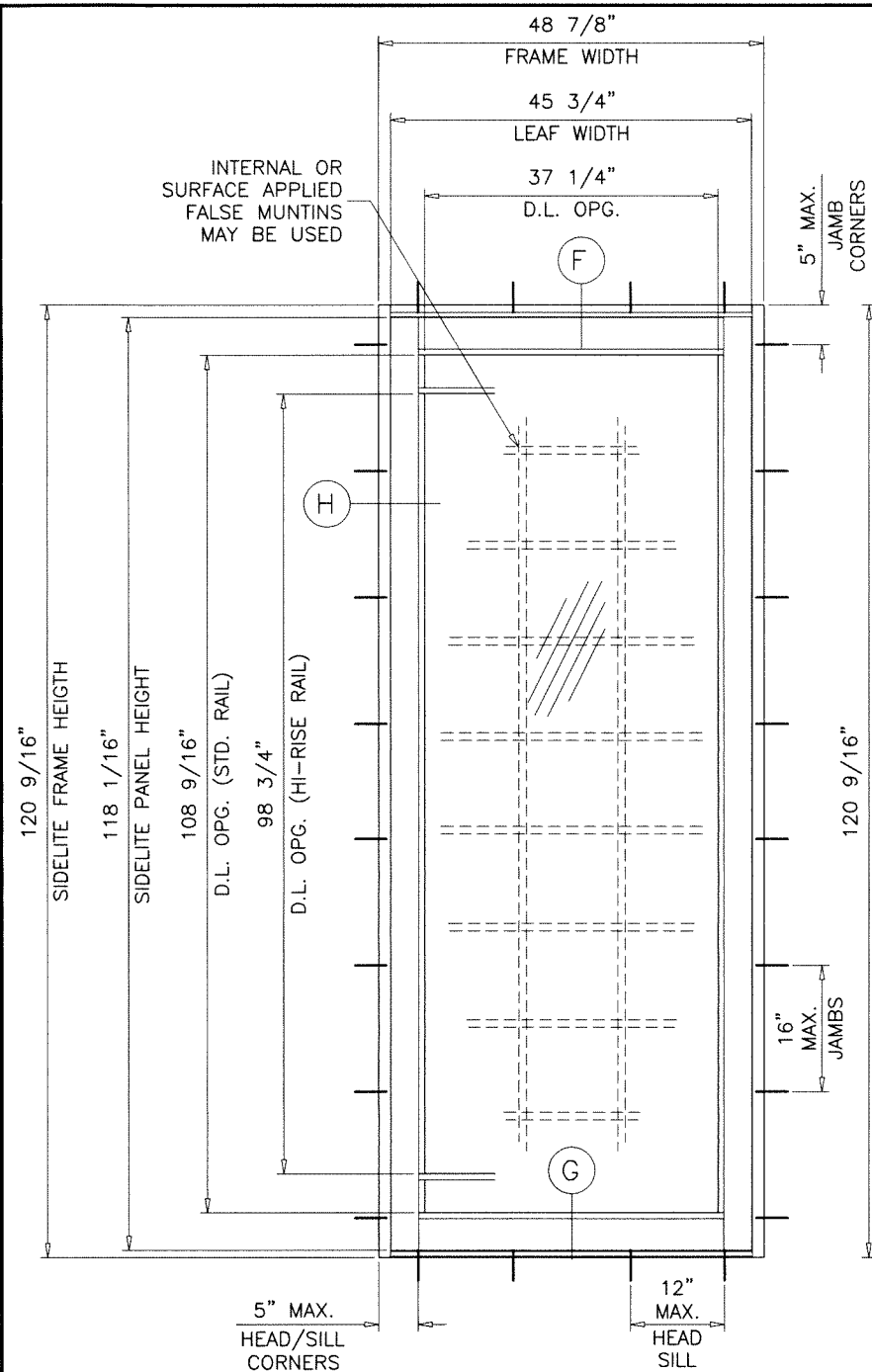
Custom Window Systems Inc.
1900 S.W. 44th Avenue
Ocala, FL. 34474
Tel. (352) 368-6922

CWS

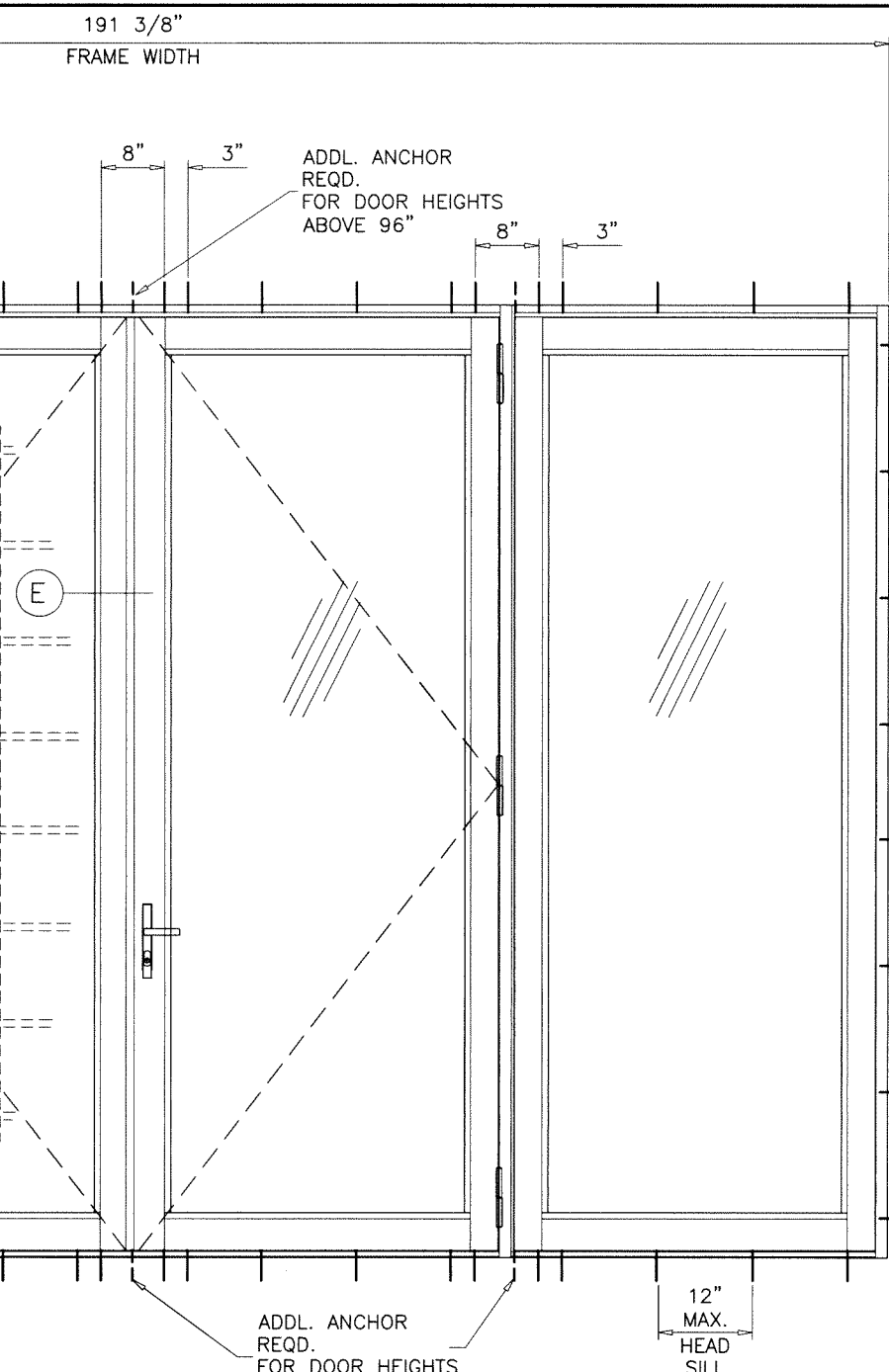
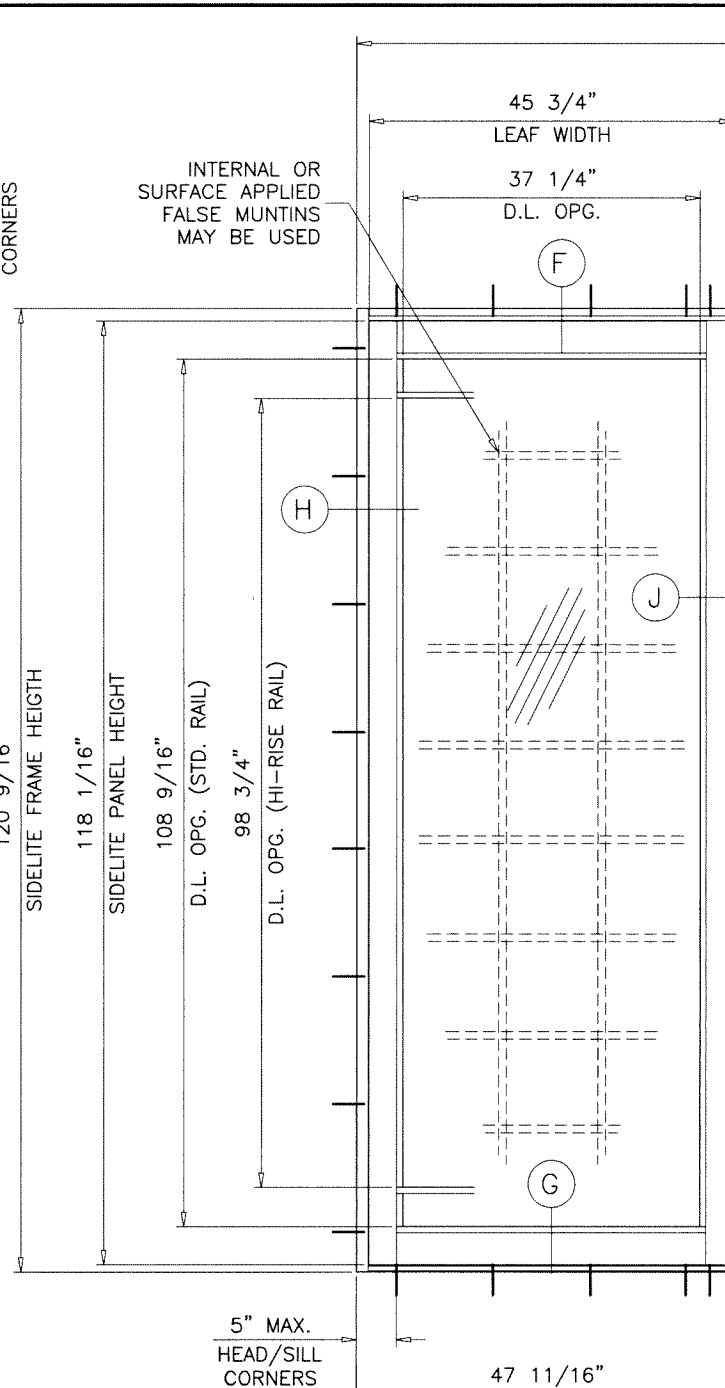
WWW.CWS.CC

revisions:		no	date	by	description

date: 02-22-21	scale: 1/2"=1'-0"	dr. by: TARIQ	chk. by:	drawing no.	no.
				21-14F	
				sheet 3.1 of 15	



TYPICAL ELEVATION
(O)



TYPICAL ELEVATION
(O-XX-O)

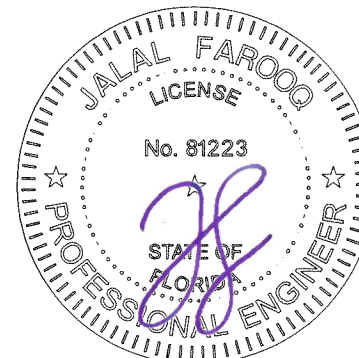
NOTE:
THE FRAME AREA OF ALTERNATE SIZE MUST NOT
EXCEED TESTED FRAME AREA = 160.2 SQ. FT.

SIDELITE LOAD CAPACITY – PSF OR STAND ALONE STATIONARY PANEL (O)												
FRAME		PANEL		THRESHOLD TYPES	GLASS TYPES 'A', 'Ai', 'H', 'Hi'		GLASS TYPES 'D', 'Di', 'E', 'Ei' 'F', 'Fi', 'K', 'Ki'		GLASS TYPES 'G'		GLASS TYPES 'Gi'	
					EXT.(+)	INT.(–)	EXT.(+)	INT.(–)	EXT.(+)	INT.(–)	EXT.(+)	INT.(–)
38–7/8"	80–9/16"	35–3/4"	78–1/16"	STD.	55.0	55.0	75.0	80.0	60.0	60.0	70.0	70.0
			78–9/16"	ADA								
38–7/8"	96"	35–3/4"	93–1/2"	STD.	55.0	55.0	75.0	80.0	–	–	–	–
			94"	ADA								
48–7/8"	120–9/16"	45–3/4"	118–1/16"	STD.	55.0	55.0	–	–	–	–	–	–
			118–9/16"	ADA								

SIDELITE D.L.O. FORMULAE:
D.L.O. WIDTH = FRAME WIDTH - 11.625"
D.L.O. HEIGHT = FRAME HEIGHT - 12.0" (STD. BOT. RAIL) (STD. SILL)
= FRAME HEIGHT - 16.875" (HI-RISE BOT. RAIL) (STD. SILL)
D.L.O. HEIGHT = FRAME HEIGHT - 11.5" (STD. BOT. RAIL) (ADA. SILL)
= FRAME HEIGHT - 16.375" (HI-RISE BOT. RAIL) (ADA. SILL)

Sealed: 10/22/2024

FL #46976



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

SERIES 7600 ALUMINUM OUTSWING DOOR (L.M.I.)

Custom Window Systems Inc.
1900 S.W. 44th Avenue
Ocala, FL. 34474
Tel. (352) 368-6922

CWS

www.cws.cc

revisions:

no	date	by	description

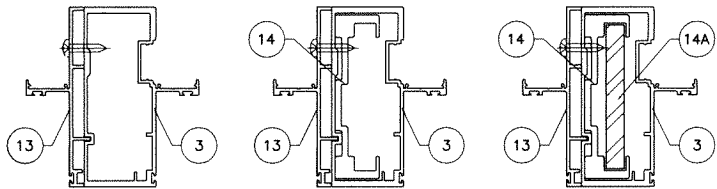
date: 02-22-21 scale: 1/2"=1'-0" dr. by: TARIQ chk. by:

drawing no. **21-14F**

sheet **4** of **15**

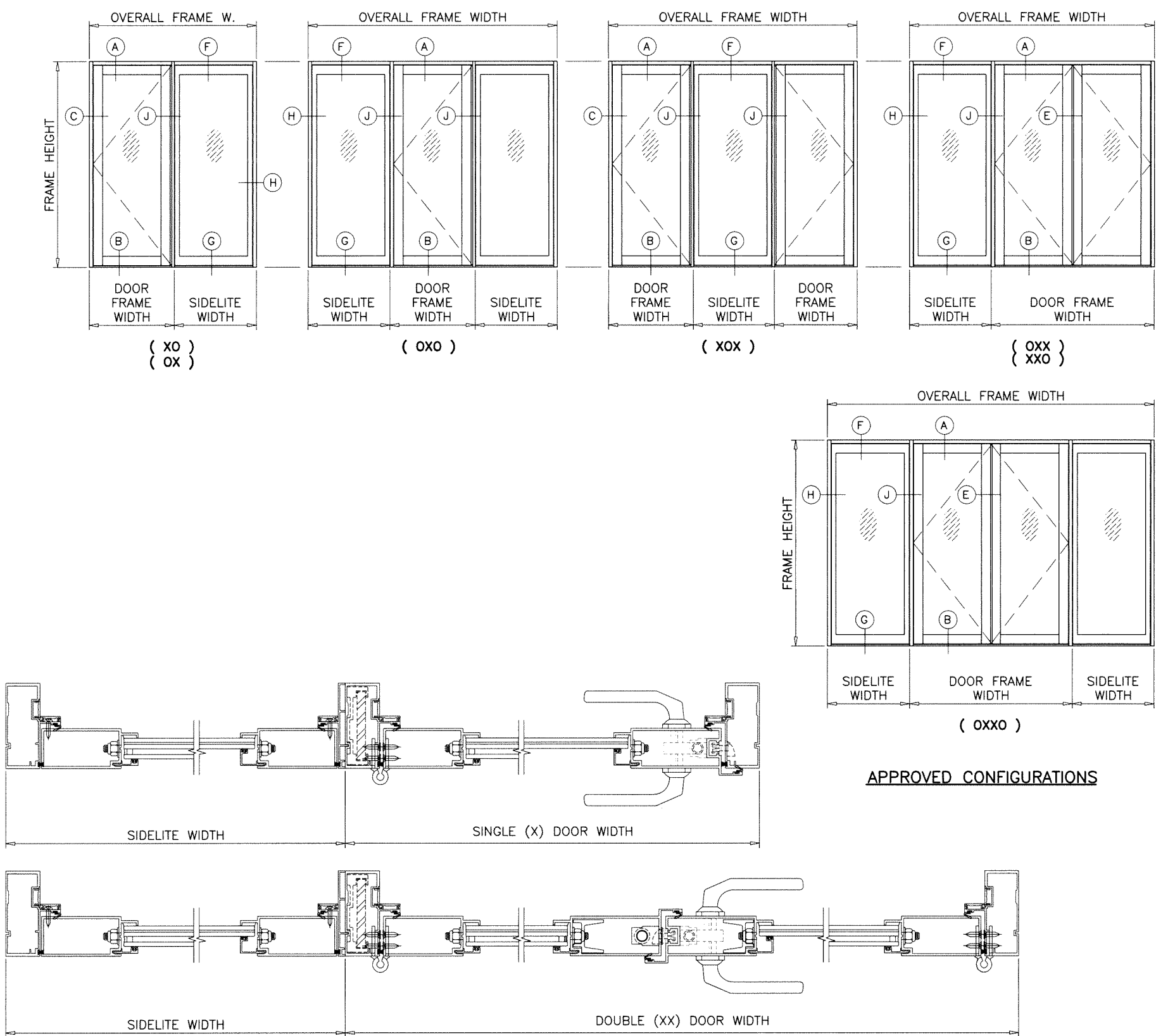
COMP-ANL\21-14F-LJ

DESIGN LOAD CAPACITY - PSF							
DOOR TO SIDELITE MULLION							
SIDELITE WIDTH INCHES	FRAME HEIGHT INCHES	MULL 'M1'		MULL 'M2'		MULL 'M3'	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24	80-9/16	75.0	80.0	75.0	80.0	75.0	80.0
30		75.0	80.0	75.0	80.0	75.0	80.0
36		75.0	77.2	75.0	80.0	75.0	80.0
42		71.4	71.4	75.0	80.0	75.0	80.0
47-11/16		66.6	66.6	75.0	80.0	75.0	80.0
24	84	75.0	80.0	75.0	80.0	75.0	80.0
30		74.1	74.1	75.0	80.0	75.0	80.0
36		68.1	68.1	75.0	80.0	75.0	80.0
42		63.0	63.0	75.0	80.0	75.0	80.0
47-11/16		58.8	58.8	75.0	80.0	75.0	80.0
24	90	66.1	66.1	75.0	80.0	75.0	80.0
30		60.2	60.2	75.0	80.0	75.0	80.0
36		55.3	55.3	75.0	78.2	75.0	80.0
42		51.2	51.2	73.0	73.0	75.0	80.0
47-11/16		-	-	68.8	68.8	75.0	80.0
24	96	48.8	48.8	74.9	74.9	75.0	80.0
30		44.8	44.8	69.3	69.3	75.0	80.0
36		43.8	43.8	64.4	64.4	75.0	80.0
42		-	-	60.2	60.2	75.0	80.0
47-11/16		-	-	56.7	56.7	75.0	80.0
24	102	-	-	55.0	55.0	55.0	55.0
30		-	-	55.0	55.0	55.0	55.0
36		-	-	53.7	53.7	55.0	55.0
42		-	-	50.2	50.2	55.0	55.0
47-11/16		-	-	47.2	47.2	55.0	55.0
24	108	-	-	52.6	52.6	55.0	55.0
30		-	-	48.6	48.6	55.0	55.0
36		-	-	45.2	45.2	55.0	55.0
42		-	-	42.3	42.3	55.0	55.0
47-11/16		-	-	39.8	39.8	55.0	55.0
24	114	-	-	44.7	44.7	55.0	55.0
30		-	-	41.4	41.4	55.0	55.0
36		-	-	38.5	38.5	55.0	55.0
42		-	-	35.9	35.9	55.0	55.0
47-11/16		-	-	33.8	33.8	54.7	54.7
24	120	-	-	37.8	37.8	55.0	55.0
30		-	-	35.0	35.0	55.0	55.0
36		-	-	32.5	32.5	52.6	52.6
42		-	-	30.4	30.4	49.1	49.1
47-11/16		-	-	28.6	28.6	47.0	47.0



MULLION 'M1' MULLION 'M2' MULLION 'M3'

DOOR TO SIDELITE MULLION



APPROVED CONFIGURATIONS

Sealed: 10/22/2024



NOTE:
FOR DOORS CAPACITY SEE SHEETS 3 & 3.1.
FOR SIDELITE CAPACITIES SEE SHEET 4.
FOR SIDELITE MULLION CAPACITY SEE CHART ABOVE
LOWER VALUES FROM DOORS, SIDELITE, DOOR/SIDELITE
OR DOOR/DOOR MULLION CHART WILL APPLY TO ENTIRE SYSTEM.

FL #46976

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 21-14F-LI

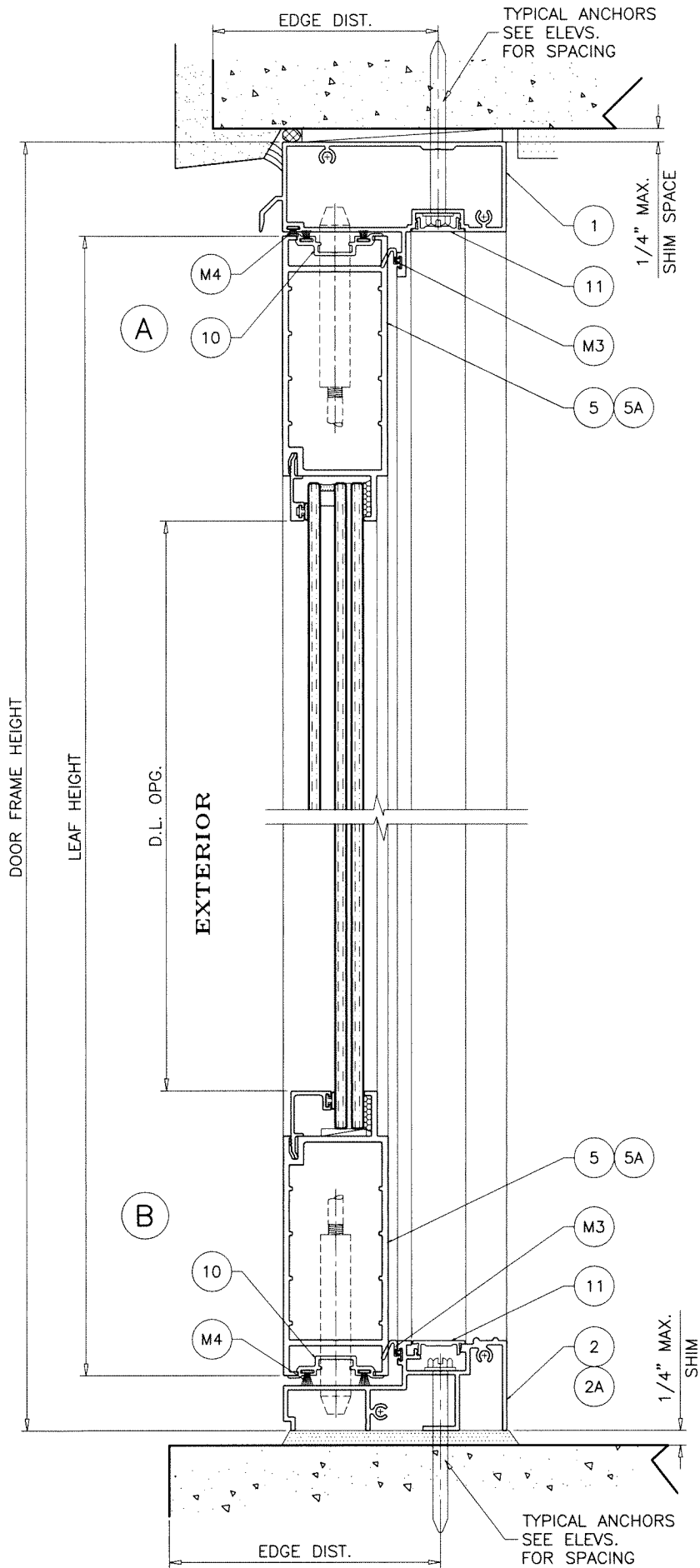
SERIES 7600 ALUMINUM OUTSWING DOOR (L.M.I.)

Custom Window Systems Inc.
1900 S.W. 44th Avenue
Ocala, FL. 34474
Tel. (352) 368-6922
www.cws.cc

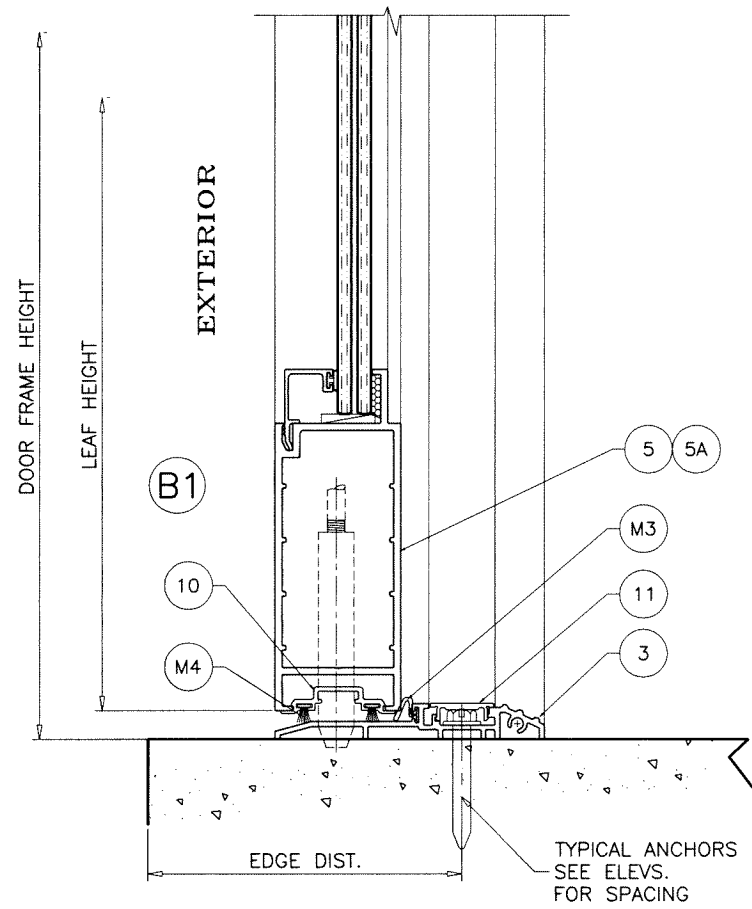
revisions:
no. date by description

date: 02-22-21
scale: -
dr. by: TARIQ
chk. by:

drawing no.
21-14F
sheet 5 of 15

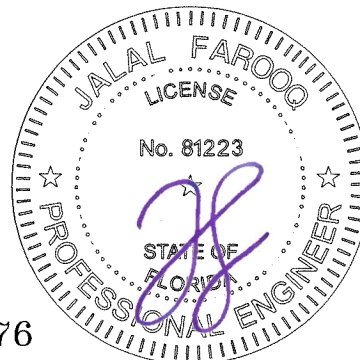


STD. THRESHOLD
APPROVED FOR WATER INFILTRATION RESISTANCE



ADA THRESHOLD
NOT APPROVED FOR WATER INFILTRATION RESISTANCE

Sealed: 10/22/2024



FL #46976

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

COMP-ANL\21-14F-LI

SERIES 7600 ALUMINUM OUTSWING DOOR (L.M.I.)

Custom Window Systems Inc.
1900 S.W. 44th Avenue
Ocala, FL. 34474
Tel. (352) 368-6922

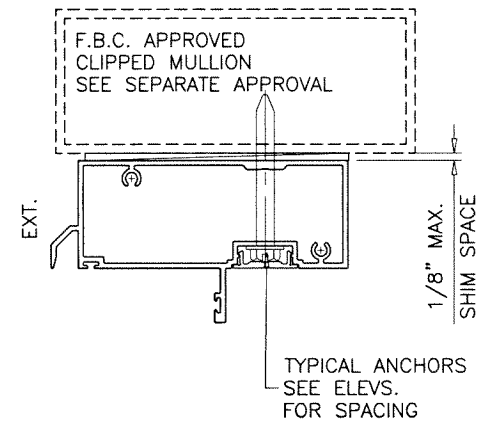
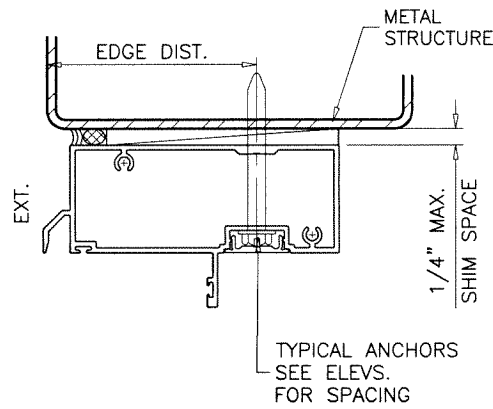
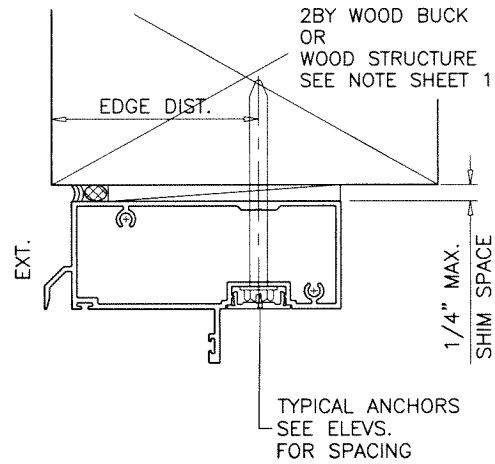
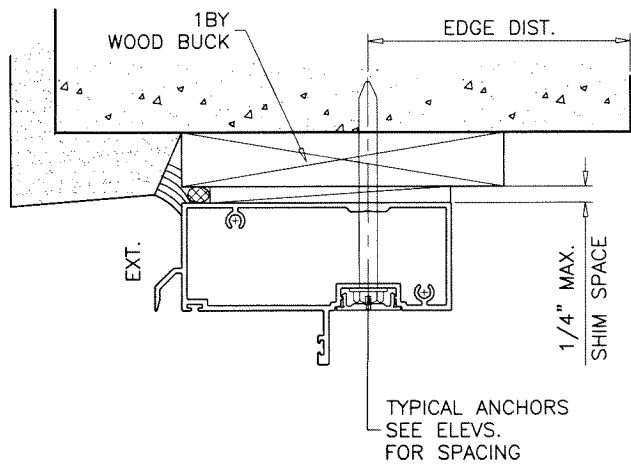
revisions:

no	date	by	description

date: 02-22-21
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:

drawing no.
21-14F

sheet **6** of 15



WOOD BUCKS AND METAL STRUCTURE NOT BY 'CUSTOM WINDOW SYS.' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)

THRU 1BY BUCKS INTO CONC. OR BLOCKS
1-3/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

DIRECTLY INTO CONCRETE OR GROUT FILLED BLOCKS
1-3/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
1-3/4" MIN. EMBED INTO GROUT-FILLED BLOCKS (JAMBS)

1/4" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)

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

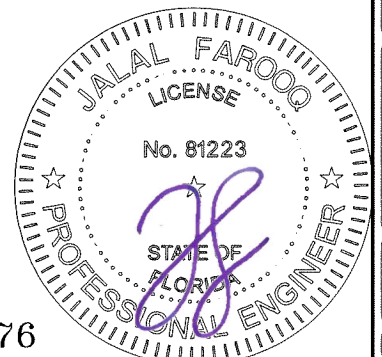
TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 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 GROUT FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

Sealed: 10/22/2024

DOOR DETAILS



FL #46976

SERIES 7600 ALUMINUM OUTSWING DOOR (L.M.I.)

Custom Window Systems Inc.

1900 S.W. 44th Avenue
Ocala, FL. 34474

Tel. (352) 368-6922

www.cws.cc



revisions:

no. date by description

date: 02-22-21

scale: 3/8" = 1"

dr. by: TARIQ

chk. by:

drawing no.

21-14F

sheet 7 of 15

afc

AL-FAROOQ CORPORATION

ENGINEERS & PRODUCT DEVELOPMENT

9360 SUNSET DRIVE, SUITE 220

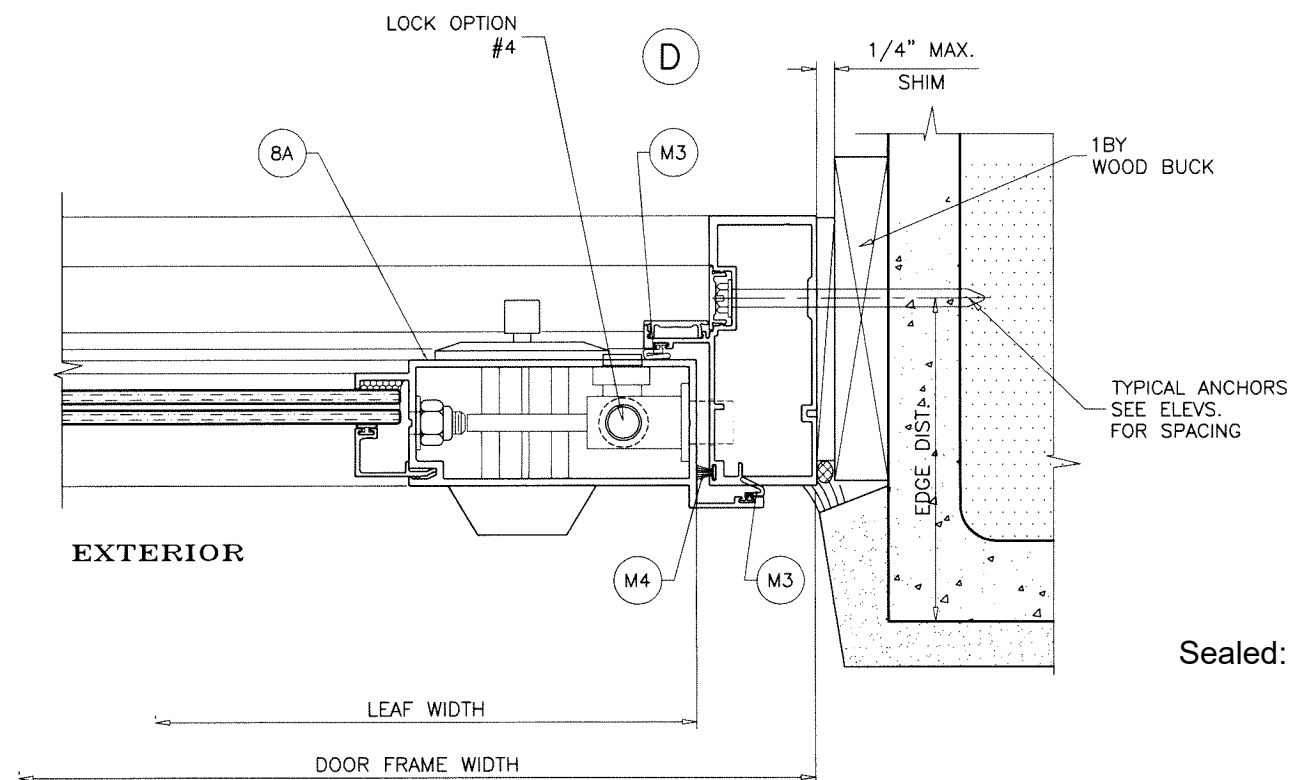
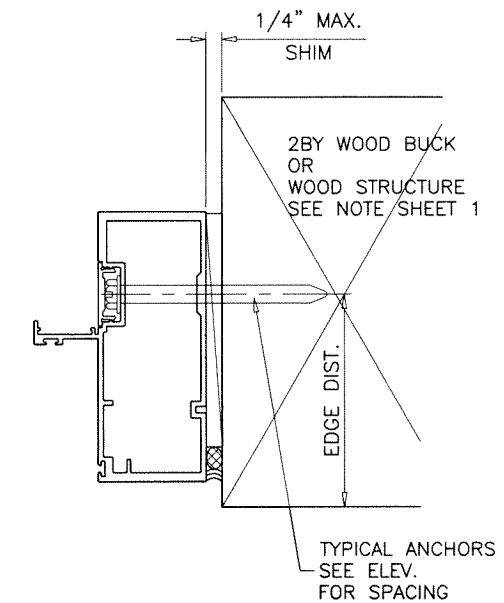
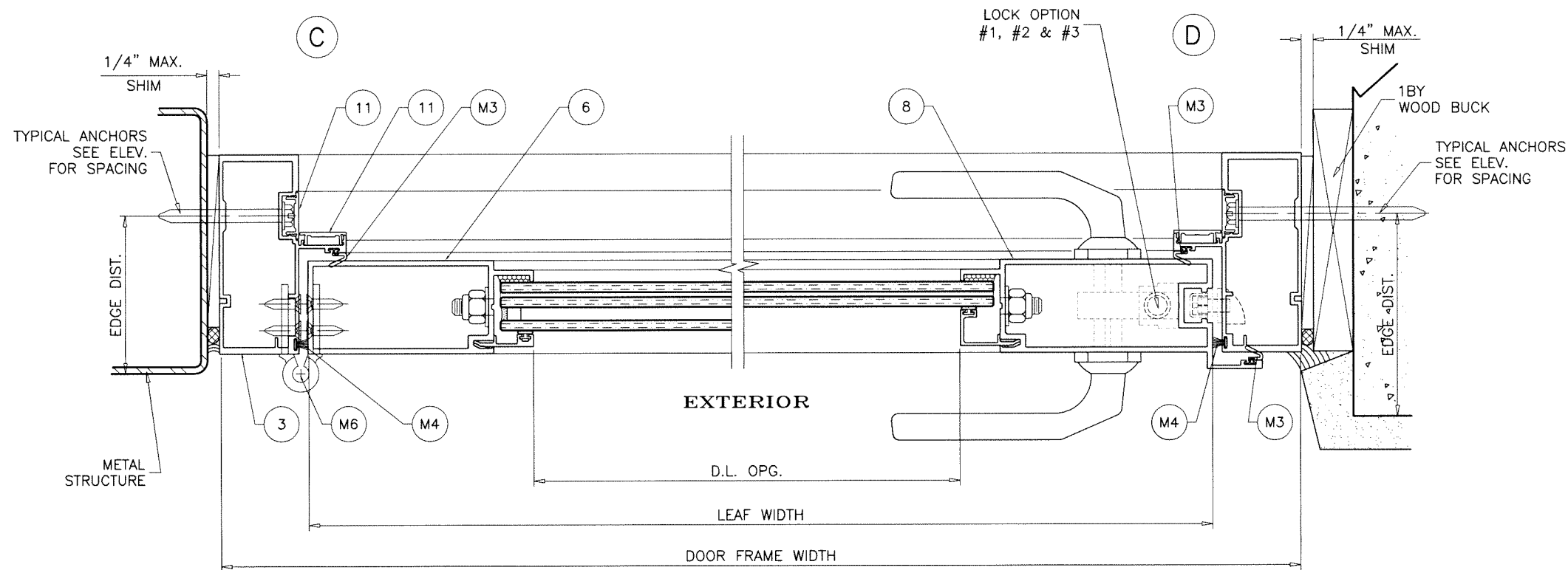
MIAMI, FLORIDA 33173

TEL. (305) 264-8100

FAX. (305) 262-6978

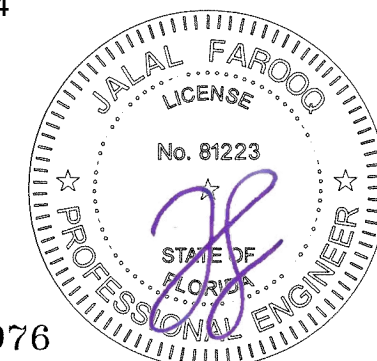
(C.A.N. 3538)

COMP-ANL 21-14F-LI



Sealed: 10/22/2024

DOOR DETAILS



FL #46976

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\21-14F-LI

SERIES 7600 ALUMINUM OUTSWING DOOR (L.M.I.)

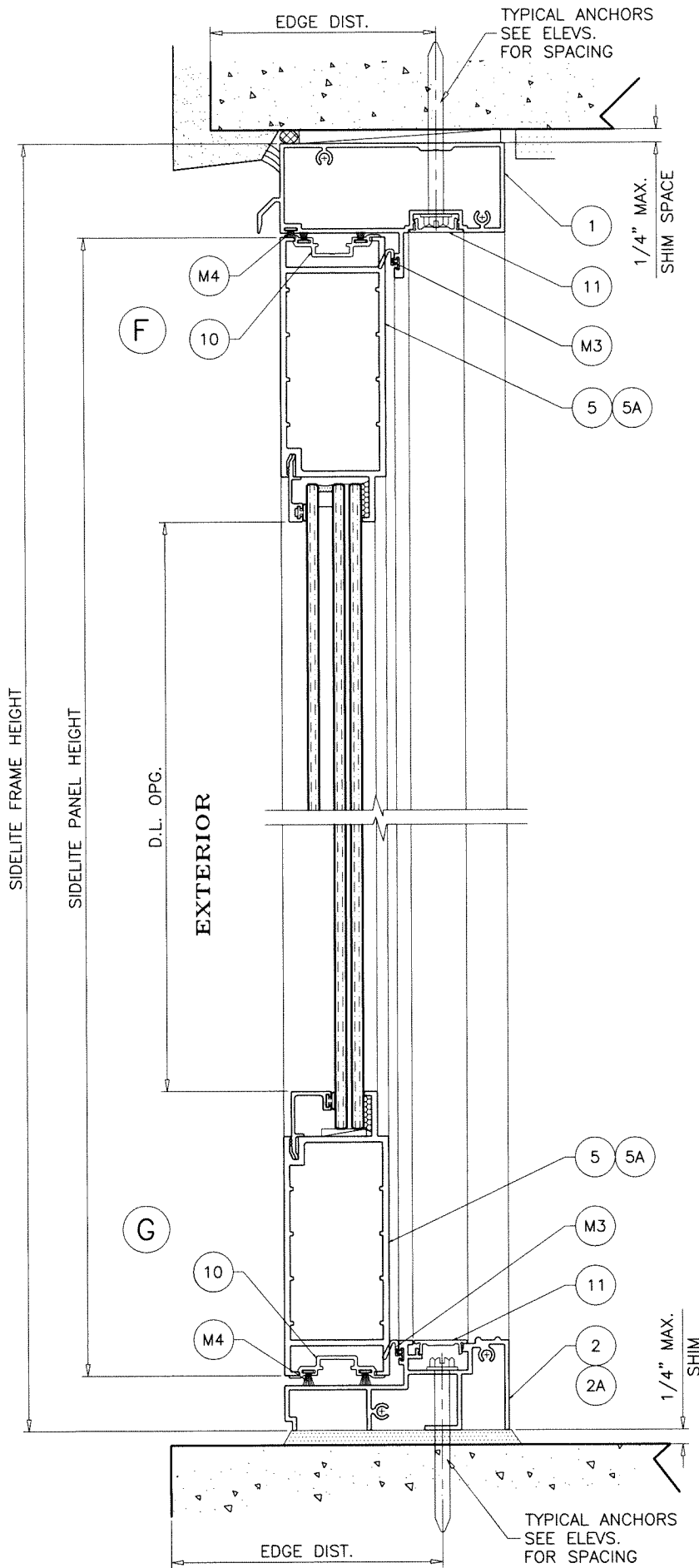
Custom Window Systems Inc.
1900 S.W. 44th Avenue
Ocala, FL. 34474
Tel. (352) 368-6922

CWS

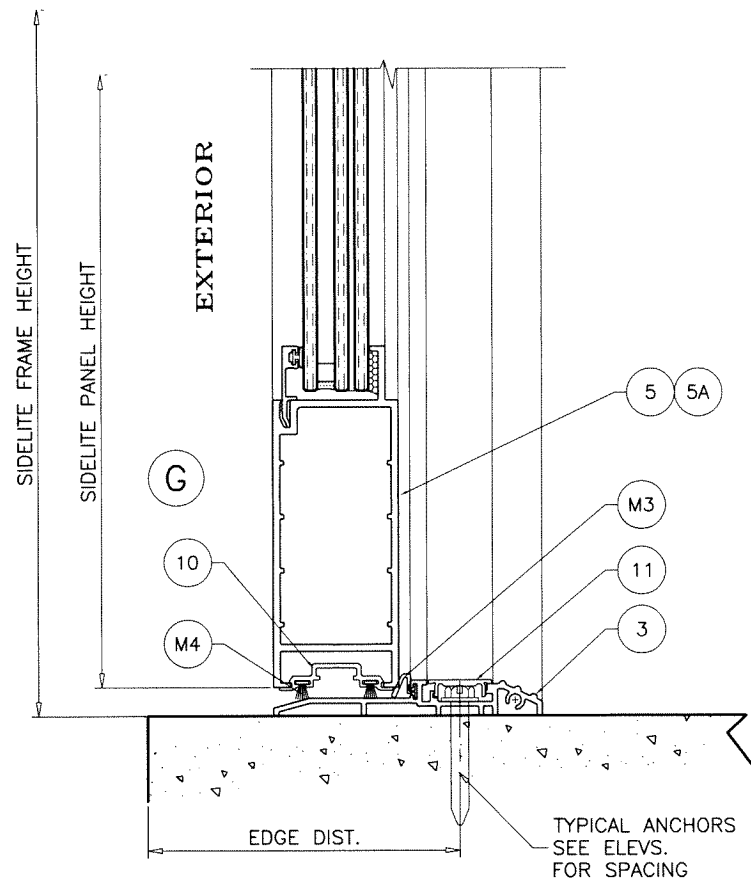
www.cws.cc

revisions:	
no	date by description

date: 02-22-21	scale: 3/8" = 1"	dr. by: TARIQ	chk. by:
drawing no. 21-14F			
sheet 8 of 15			



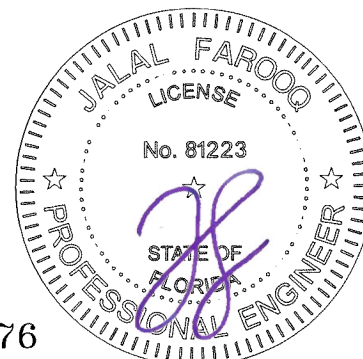
STD. THRESHOLD
APPROVED FOR WATER INFILTRATION RESISTANCE



ADA THRESHOLD
NOT APPROVED FOR WATER INFILTRATION RESISTANCE

Sealed: 10/22/2024

SIDELITE DETAILS



FL #46976

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

a f c
COMP-ANL\21-14F-LI

SERIES 7600 ALUMINUM OUTSWING DOOR (L.M.I.)

Custom Window Systems Inc.
1900 S.W. 44th Avenue
Ocala, FL. 34474
Tel. (352) 368-6922

CWS www.cws.cc

revisions:

no	date	by	description

date: 02-22-21

scale: 3/8" = 1"

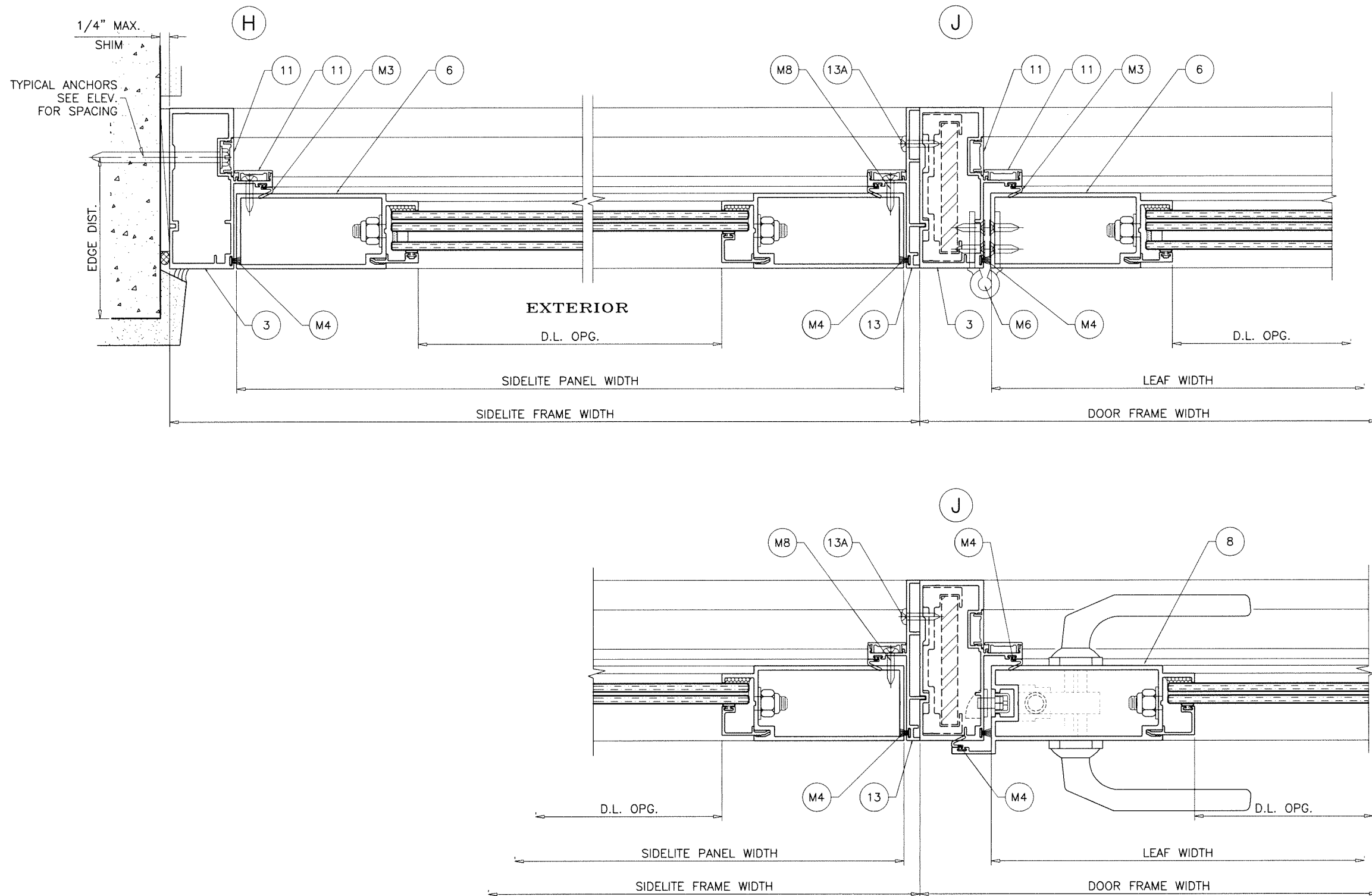
dr. by: TARIQ

chk. by:

drawing no.

21-14F

sheet 10 of 15



SIDELITE DETAILS

Sealed: 10/22/2024



FL #46976

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

af c
COMP-ANL\21-14F-LI

SERIES 7600 ALUMINUM OUTSWING DOOR (L.M.I.)

Custom Window Systems Inc.
1900 S.W. 44th Avenue
Ocala, FL 34474
Tel. (352) 368-6922
www.cws.cc

revisions:

no	date	by	description

date: 02-22-21
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:

drawing no.

21-14F

sheet 11 of 15

FL #46976

LOCKS:

OPTION #1:

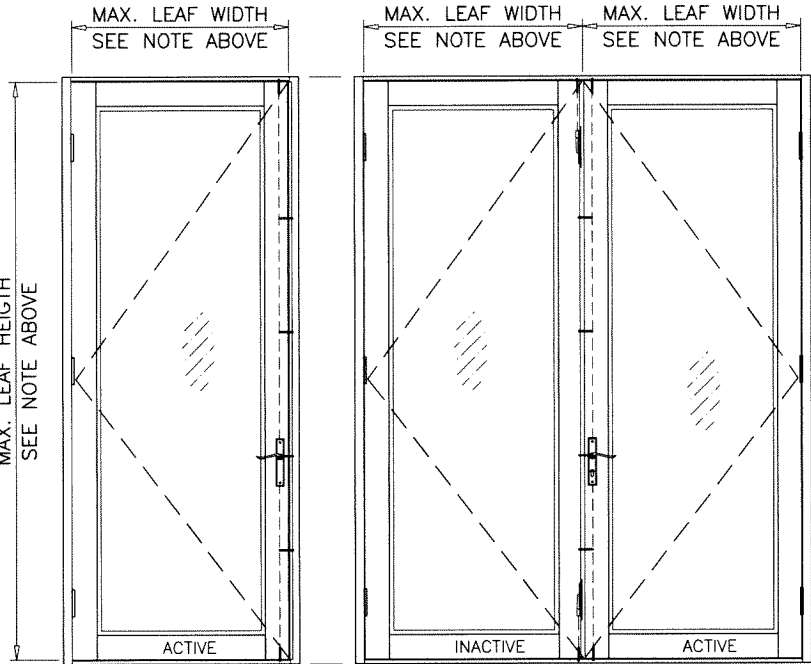
MAX. LEAF HEIGHT = 118-1/16 IN.
MAX. LEAF WIDTH = 45-3/4 IN.
MAX. DESIGN LOAD = + 55.0
- 55.0 PSF

ACTIVE LEAF:

6 POINT LOCK ASSEMBLY BY 'YALE' OR 'RADISSON INDUSTRIES'
(4) LOCKING POINTS ENGAGING AT INACTIVE LEAF AT STRIKE PLATE
1/2" DIA. THROW BOLT (1) AT TOP ENGAGING FRAME HEAD
AND (1) AT BOTTOM ENGAGING FRAME SILL
THROW BOLTS ATTACHED TO LOCK BY 3/8" CONNECTING RODS
LOCK HANDLE LOCATED AT 42-1/2" FROM BOTTOM

INACTIVE LEAF:

CONCEALED FLUSH BOLTS
1/2" X 2" THROW BOLTS ENGAGING FRAME AT HEAD AND SILL
MANUALLY OPERATED LEVERS MOUNTED ON INSIDE FACE
OF LEAF STILE LOCATED AT 10-5/8" FROM TOP AND BOTTOM
LOCK FASTENED TO STILE WITH (2) #8-32 X 1/2" FH MS



OPTION #2:

MAX. LEAF HEIGHT = 107-1/2 IN.
MAX. LEAF WIDTH = 45-3/4 IN.
MAX. DESIGN LOAD = + 55.0
- 55.0 PSF

MAX. LEAF HEIGHT = 94-1/16 IN.
MAX. LEAF WIDTH = 37-1/8 IN.
MAX. DESIGN LOAD = + 75.0
- 80.0 PSF

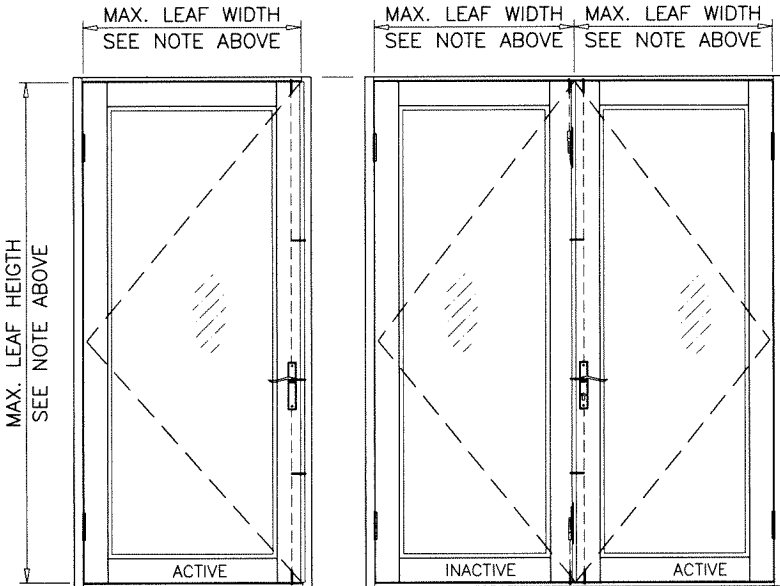
MAX. LEAF HEIGHT = 81-1/2 IN.
MAX. LEAF WIDTH = 45-3/4 IN.
MAX. DESIGN LOAD = + 67.0
- 72.0 PSF

ACTIVE LEAF:

5 POINT LOCK ASSEMBLY 'BY' 'YALE' OR 'RADISSON INDUSTRIES'
(3) LOCKING POINTS ENGAGING AT INACTIVE LEAF AT STRIKE PLATE
1/2" DIA. THROW BOLT (1) AT TOP ENGAGING FRAME HEAD
AND (1) AT BOTTOM ENGAGING FRAME SILL
THROW BOLTS ATTACHED TO LOCK BY 3/8" CONNECTING RODS
LOCK HANDLE LOCATED AT 42-1/2" FROM BOTTOM

INACTIVE LEAF:

CONCEALED FLUSH BOLTS
1/2" X 2" THROW BOLTS ENGAGING FRAME AT HEAD AND SILL
MANUALLY OPERATED LEVERS MOUNTED ON INSIDE FACE
OF LEAF STILE LOCATED AT 10-5/8" FROM TOP AND BOTTOM
LOCK FASTENED TO STILE WITH (2) #8-32 X 1/2" FH MS



OPTION #3:

MAX. LEAF HEIGHT = 107-1/2 IN.
MAX. LEAF WIDTH = 45-3/4 IN.
MAX. DESIGN LOAD = + 55.0
- 55.0 PSF

MAX. LEAF HEIGHT = 93-1/2 IN.
MAX. LEAF WIDTH = 37-1/8 IN.
MAX. DESIGN LOAD = + 75.0
- 80.0 PSF

MAX. LEAF HEIGHT = 81-1/2 IN.
MAX. LEAF WIDTH = 45-3/4 IN.
MAX. DESIGN LOAD = + 67.0
- 72.0 PSF

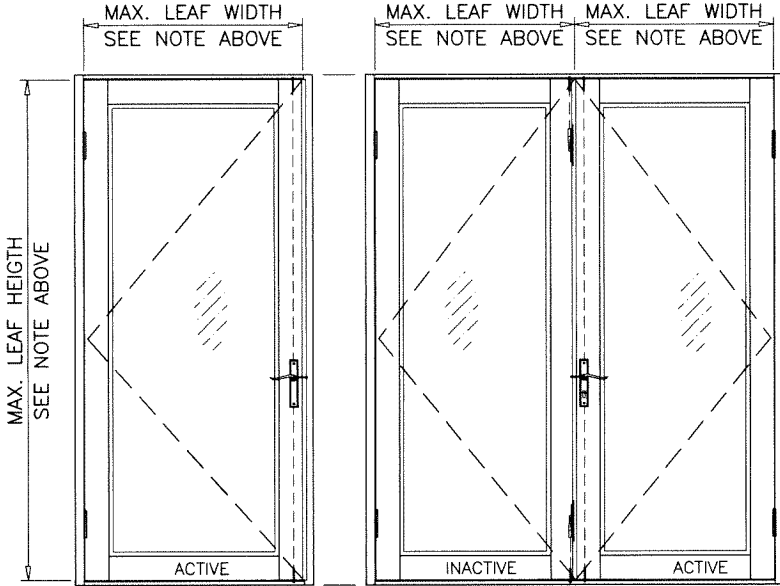
ACTIVE LEAF:

3 POINT LOCK ASSEMBLY 'BY' 'YALE' OR 'RADISSON INDUSTRIES'
(1) LOCKING POINT ENGAGING AT INACTIVE LEAF AT STRIKE PLATE
1/2" DIA. THROW BOLT (1) AT TOP ENGAGING FRAME HEAD
AND (1) AT BOTTOM ENGAGING FRAME SILL
THROW BOLTS ATTACHED TO LOCK BY 3/8" CONNECTING RODS
LOCK HANDLE LOCATED AT 42-1/2" FROM BOTTOM

INACTIVE LEAF:

CONCEALED FLUSH BOLTS
1/2" X 2" THROW BOLTS ENGAGING FRAME AT HEAD AND SILL
MANUALLY OPERATED LEVERS MOUNTED ON INSIDE FACE
OF LEAF STILE LOCATED AT 10-5/8" FROM TOP AND BOTTOM
LOCK FASTENED TO STILE WITH (2) #8-32 X 1/2" FH MS

2 POINT EURO LOCK



Sealed: 10/22/2024



FL #46976

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)

SERIES 7600 ALUMINUM OUTSWING DOOR (L.M.I.)
Custom Window Systems Inc.
1900 S.W. 44th Avenue
Ocala, FL. 34474
Tel. (352) 368-6922
www.cws.cc

revisions:		no date by description	
date:	02-22-21	scale:	3/8" = 1"
dr. by:	TARIQ	chk. by:	
drawing no.		21-14F	
sheet 12 of 15			

COMP-ANL\21-14F-LI

OPTION #4:

MAX. LEAF HEIGHT = 107-1/2 IN.
MAX. LEAF WIDTH = 45-3/4 IN.
MAX. DESIGN LOAD = + 55.0
- 55.0 PSF

MAX. LEAF HEIGHT = 93-1/2 IN.
MAX. LEAF WIDTH = 35-3/4 IN.
MAX. DESIGN LOAD = + 75.0
- 80.0 PSF

MAX. LEAF HEIGHT = 81-1/2 IN.
MAX. LEAF WIDTH = 45-3/4 IN.
MAX. DESIGN LOAD = + 67.0
- 72.0 PSF

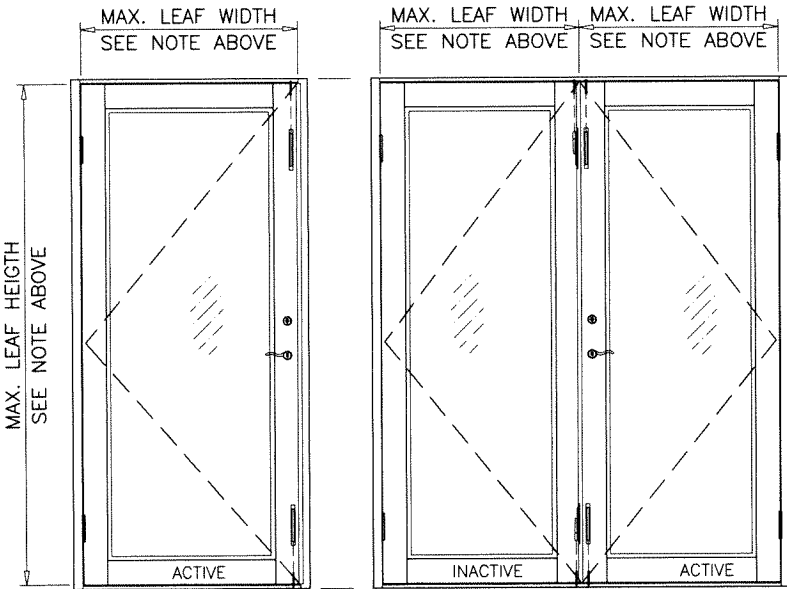
ACTIVE LEAF:

CONVENTIONAL DOOR LOCKSET WITH HANDLE BY 'SCHLAGE/KWIKSET'
LOCATED AT 39-1/4" FROM BOTTOM
KEY OPERATED ON EXTERIOR AND THUMB TURN ON
INTERIOR THROW BOLT LOCATED AT 37-3/4" FROM BOTTOM

CONCEALED FLUSH BOLTS
1/2" X 2" THROW BOLTS ENGAGING FRAME AT HEAD AND SILL
MANUALLY OPERATED LEVERS MOUNTED ON STILE FACE
LOCATED AT 10-5/8" FROM TOP AND BOTTOM
LOCK FASTENED TO STILE WITH (2) #8-32 X 1/2" FH MS

INACTIVE LEAF:

CONCEALED FLUSH BOLTS
1/2" X 2" THROW BOLTS ENGAGING FRAME AT HEAD AND SILL
MANUALLY OPERATED LEVERS MOUNTED ON INSIDE FACE
OF LEAF STILE LOCATED AT 10-5/8" FROM TOP AND BOTTOM
LOCK FASTENED TO STILE WITH (2) #8-32 X 1/2" FH MS



HINGES:

.122" THK. EXTRUDED ALUM HINGE BY 'LAPORTE'
2 HINGES PER LEAF FOR DOORS UPTO 96" HEIGHTS
3 HINGES PER LEAF FOR DOORS ABOVE 96" HEIGHTS
BOTTOM HINGE AT 7-1/2" FROM BOTTOM
TOP HINGE AT 8-1/2" FROM TOP
CENTER HINGE AT MIDSPAN (FOR DOORS ABOVE 96" HEIGHT)
HINGES FASTENED WITH #10 X 3/4" FH SMS
(4) SCREWS AT HINGE STILE
(4) SCREWS AT FRAME JAMB

Sealed: 10/22/2024

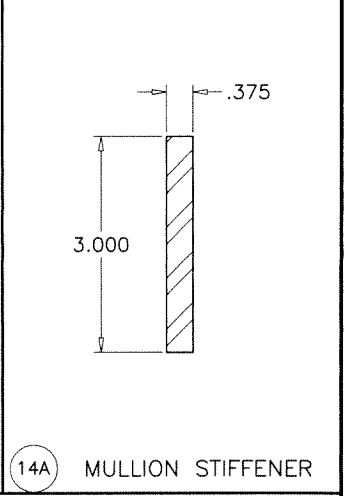
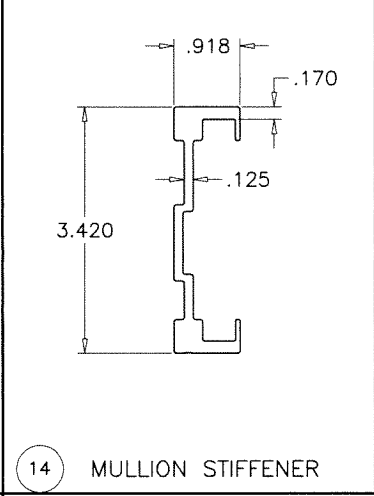
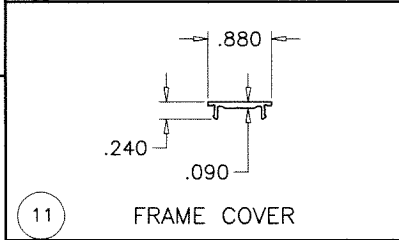
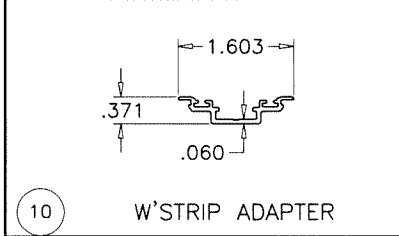
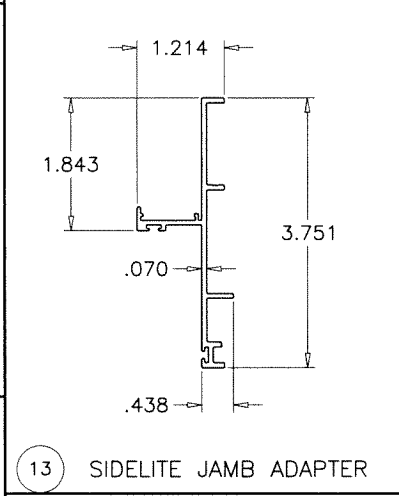
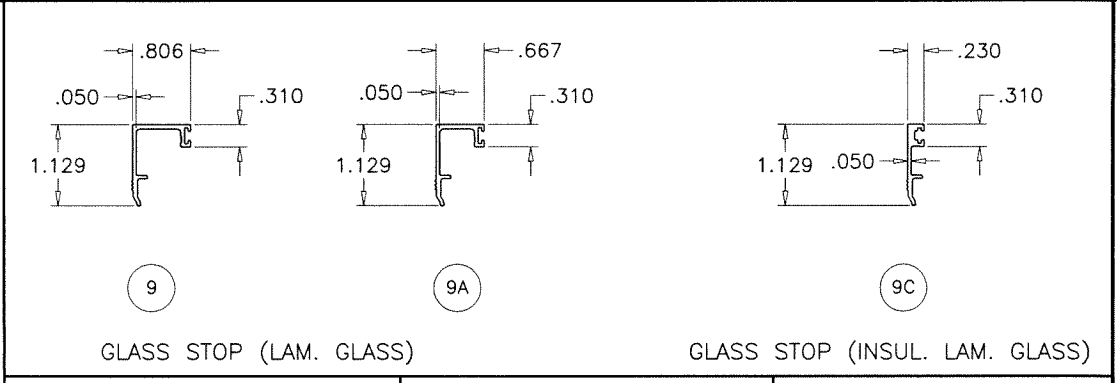
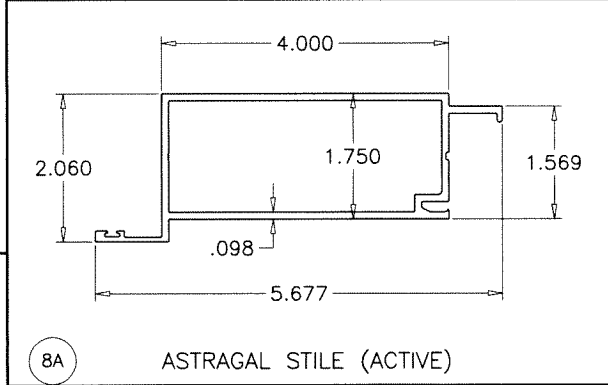
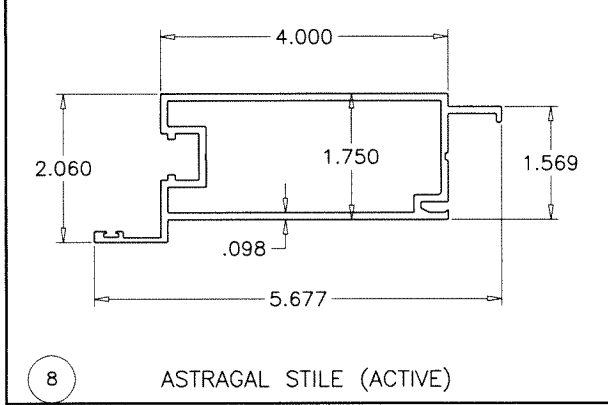
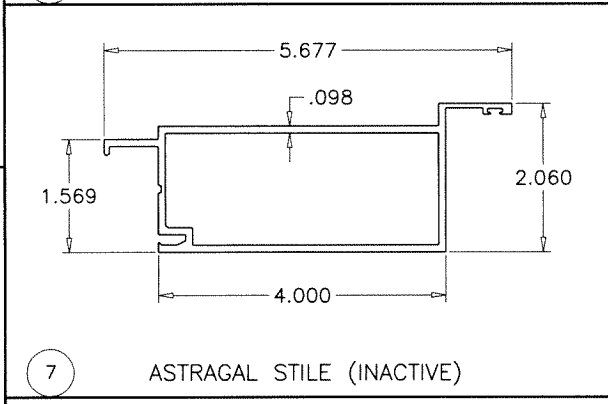
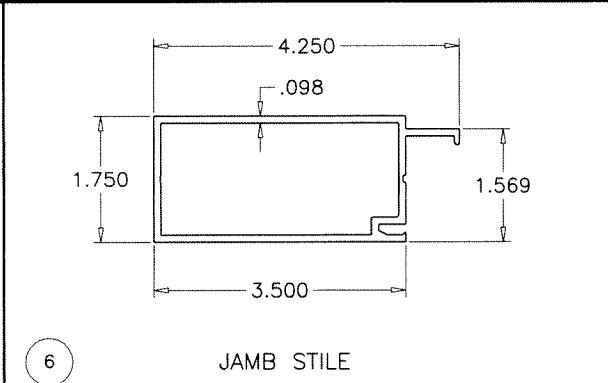
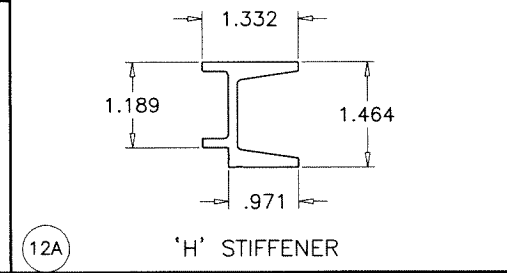
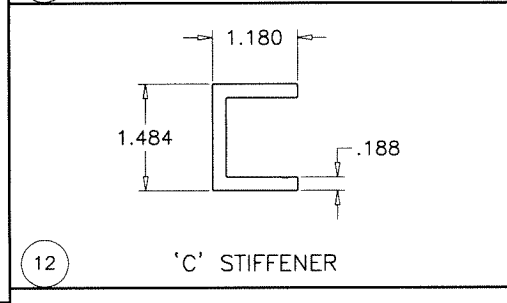
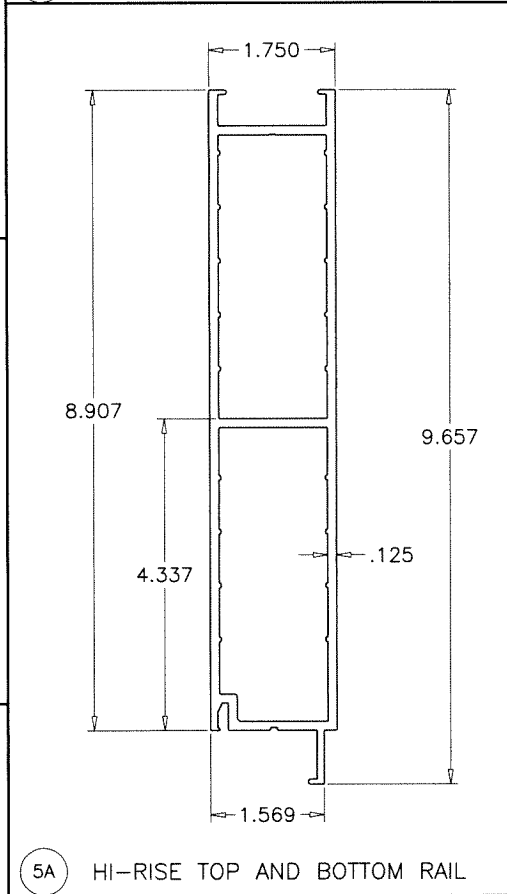
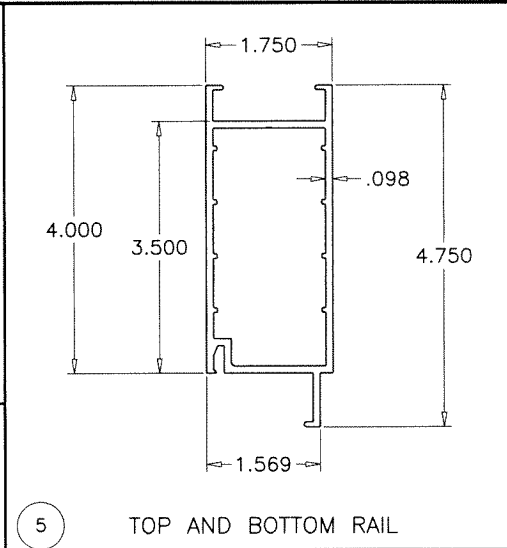
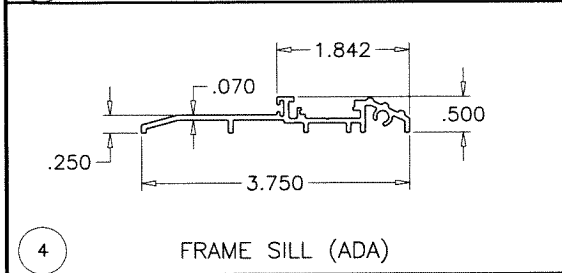
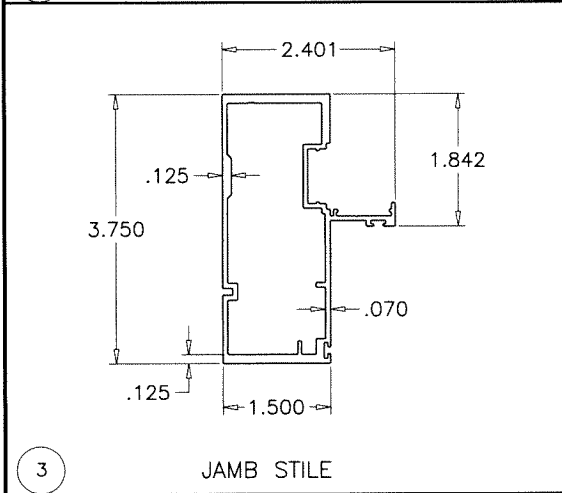
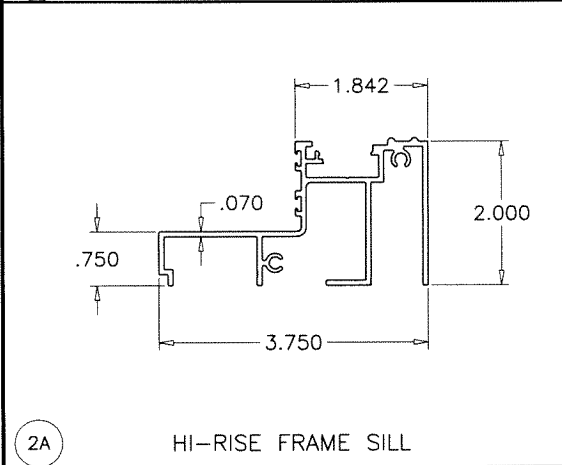
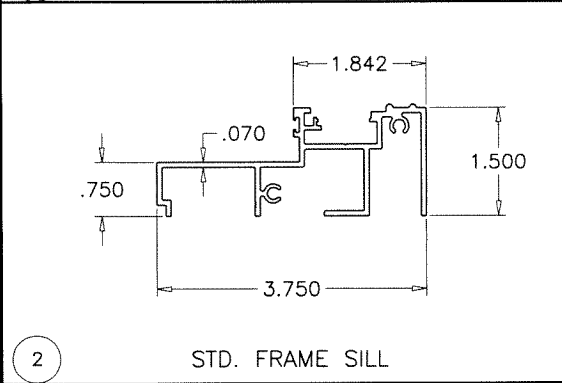
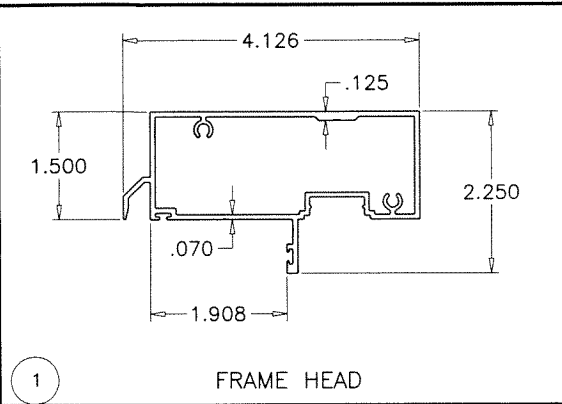


FL #46976

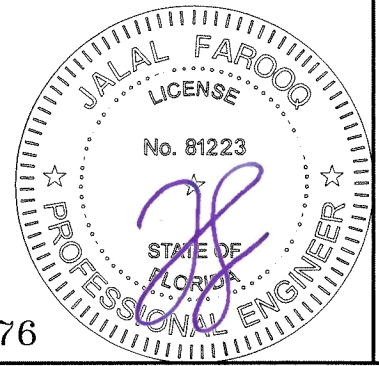
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\21-14F-LI

SERIES 7600 ALUMINUM OUTSWING DOOR (L.M.I.)
Custom Window Systems Inc.
1900 S.W. 44th Avenue
Ocala, FL. 34474
Tel. (352) 368-6922
www.cws.cc
CWS

revisions:		no date by description	
date:	02-22-21	scale:	3/8" = 1"
dr. by:	TARIQ	chk. by:	
drawing no.		21-14F	
sheet 12.1 of 15			



Sealed: 10/22/2024



FL #46976

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\21-14F-LI

SERIES 7600 ALUMINUM OUTSWING DOOR (L.M.I.)

Custom Window Systems Inc.
1900 S.W. 44th Avenue
Ocala, FL 34474
Tel. (352) 368-6922
www.cws.cc

revisions:	
no.	description

date: 02-22-21
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:

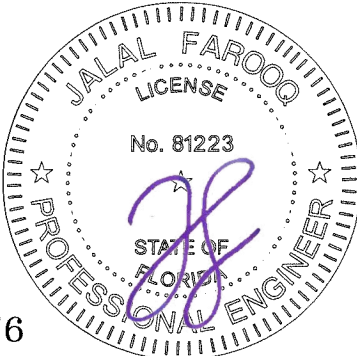
drawing no.
21-14F
sheet 13 of 15

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	LAW-2401	1	FRAME HEAD	6063-T6	-
2	LAW-2402	1	STD. FRAME SILL (1-1/2" HT.)	6063-T6	-
2A	LAW-2403	1	HI-RISE FRAME SILL (2" HT.)	6063-T6	-
3	LAW-2421	1	FRAME SILL (ADA)	6063-T6	-
4	LAW-2404	2	FRAME JAMB	6063-T6	-
5	LAW-2406	2/ LEAF	TOP AND BOTTOM RAIL	6063-T6	-
5A	LAW-2407	2/ LEAF	HI-RISE TOP AND BOTTOM RAIL	6063-T6	-
6	LAW-2408	1/ LEAF	JAMB STILE	6063-T6	-
7	LAW-2410	1	ASTRAGAL STILE (INACTIVE)	6063-T6	-
8	LAW-2411	1	ASTRAGAL STILE (ACTIVE) (EURO LOCK)	6063-T6	-
8A	LAW-2409	1	ASTRAGAL STILE (ACTIVE)	6063-T6	-
9	LAW-2412	4/ LEAF	GLASS STOP (5/16" LAM. GLASS)	6063-T6	-
9A	LAW-2413	4/ LEAF	GLASS STOP (7/16" LAM. GLASS)	6063-T6	-
9C	LAW-2415	4/ LEAF	GLASS STOP (7/8" INSUL. LAM. GLASS)	6063-T6	-
10	LAW-2425	2/ LEAF	W'STRIP ADAPTER	6063-T5	-
11	LAW-2418	AS REQD.	FRAME COVER	6063-T6	-
12	LAW-2424	AS REQD.	'C' STIFFENER, 29" LONG	6063-T6	-
12A	LAW-2425	AS REQD.	'H' STIFFENER, 60" LONG	6063-T6	-
13	LAW-2405	AS REQD.	SIDELITE JAMB ADAPTER	6063-T6	-
13A	#10 X 1"	AS REQD.	ADAPTER FASTENERS, AT 6" FROM ENDS & 12" O.C.	ST/ST	PH SMS
14	LAW-2423	AS REQD.	MULLION STIFFENER	6063-T6	-
14A	-	AS REQD.	MULLION STIFFENER	STEEL	A36, Fu MIN. = 56 KSI
M1	-	AS REQD.	GLAZING GASKET	SILICONE	DUROMETER 65±5 SHORE A
M2	-	2/ LITE	SETTING BLOCKS AT 1/4 POINTS	SILICONE	DUROMETER 80±5 SHORE A
M3	-	AS REQD.	Q-LON FLAP W'STRIPPING	-	-
M4	150	AS REQD.	FRAME PERIMETER PILE W'STRIPPING	POLYPROPYLENE	-
M5	210	AS REQD.	PILE W'STRIPPING	WOOL	-
M6	-	AS REQD.	HINGE ASSEMBLY	-	HAGER
M6A	#10 X 3/4"	8/ HINGE	HINGE FASTENERS	ST/ST	FH SMS
M7	#12 X 3/4"	AS REQD.	FRAME ASSEMBLY FASTENERS	ST/ST	PH SMS
M8	#10 X 1"	AS REQD.	FIX. PANEL FASTENERS, AT 6" FROM ENDS & 12" O.C.	ST/ST	PH SMS
M9	-	2/ LEAF	3/8" DIA. THREADED ROD	STEEL	-
-	-	-	-	-	-

SEALANTS:

ALL FRAME AND LEAF JOINTS AND SEAMS SEALED
WITH SM 5504 SEALANT.

Sealed: 10/22/2024



FL #46976



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

SERIES 7600 ALUMINUM OUTSWING DOOR (L.M.I.)

Custom Window Systems Inc.
1900 S.W. 44th Avenue
Ocala, FL. 34474
Tel. (352) 368-6922
www.cws.cc



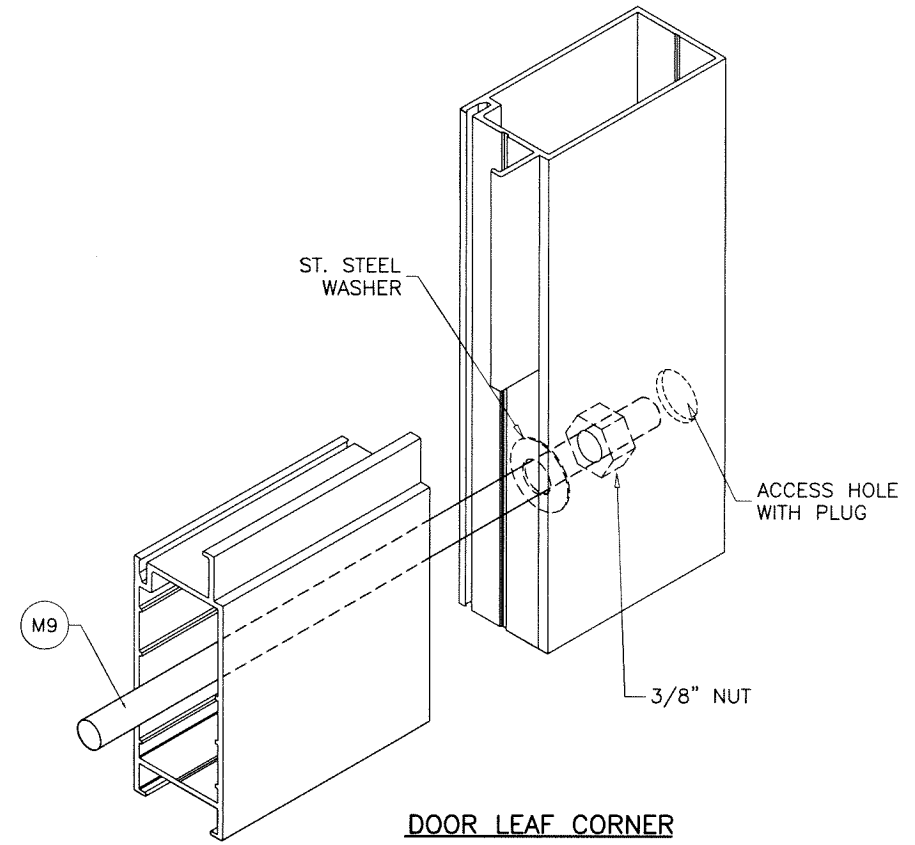
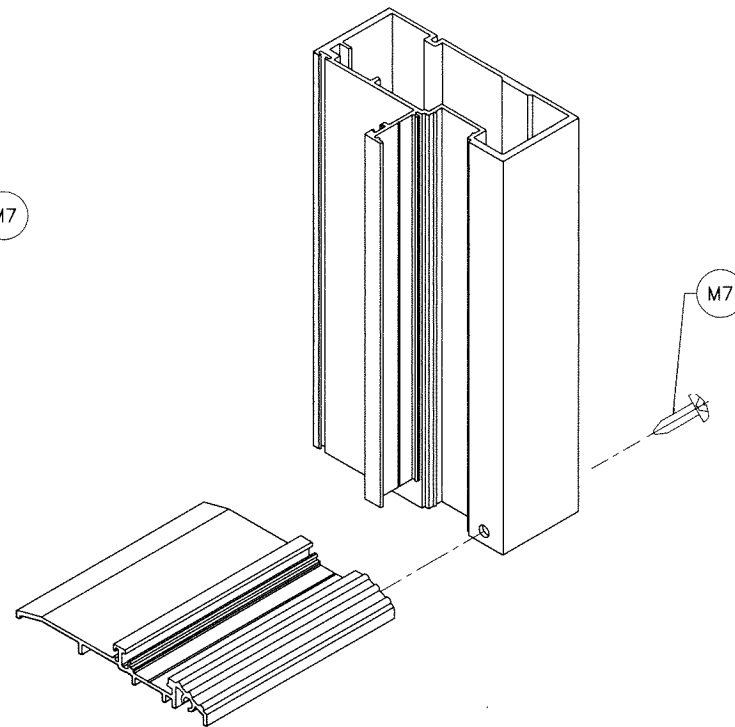
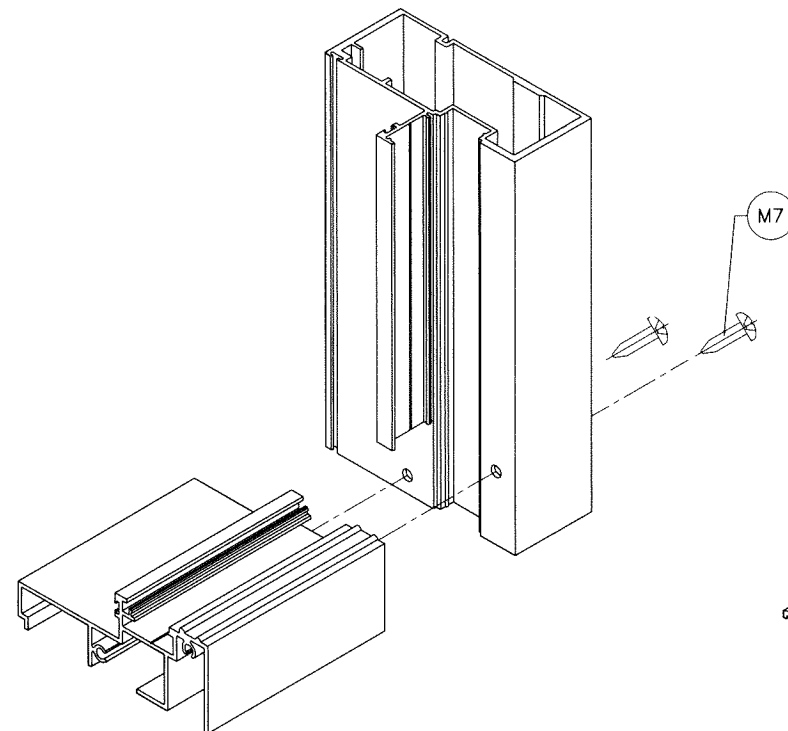
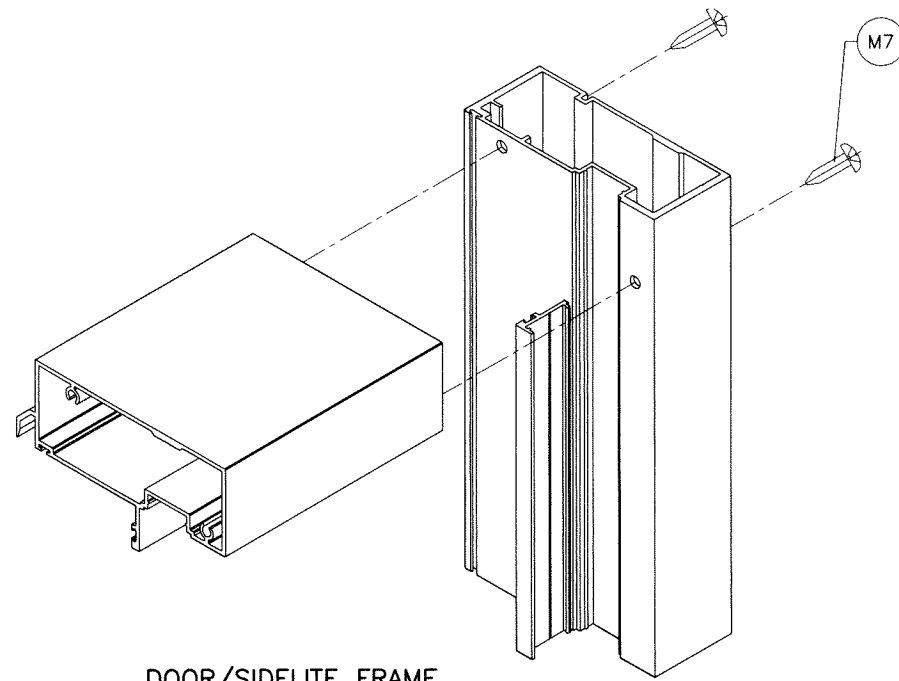
revisions:

no	date	by	description

date: 02-22-21
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:

drawing no.
21-14F

sheet 14 of 15



Sealed: 10/22/2024

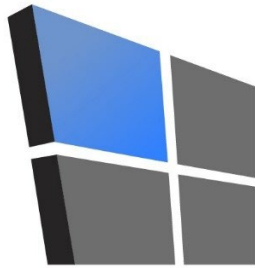
FL #46976

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

SERIES 7600 ALUMINUM OUTSWING DOOR (L.M.I.)

 **Custom Window Systems Inc.**
1900 S.W. 44th Avenue
Ocala, FL 34474
Tel. (352) 368-6922 www.cws.cc

date: 02-22-21		revisions:	
scale: 3/8" = 1"	no	date	by
dr. by: TARIQ			
chk. by:			
drawing no. 21-14F			
sheet 15 of 15			



AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 46976

Date: 08/23/2024

Detailed Product Description:

Manufacturer: CUSTOM WINDOW SYSTEMS INC.

Manufacturer Address: 1900 SW 44th AVENUE OCALA, FL 34474

Model Name: SERIES 7600 ALUMINUM OUTSWING ENTRANCE DOOR

Maximum Load: +75 PSF, -80 PSF (Large Missile Impact)

Installation Drawings # 21-14F

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	National Certified Testing Laboratories	10/22/2020	NCTL-210-4179-01	Douglas J. McDougall, PE
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	National Certified Testing Laboratories	10/22/2020	NCTL-210-4179-01	Douglas J. McDougall, PE
ASTM E330 & TAS 202	Uniform Static Air Press.	National Certified Testing Laboratories	10/22/2020	NCTL-210-4179-01	Douglas J. McDougall, PE
AAMA 1304	Forced Entry Test	National Certified Testing Laboratories	10/22/2020	NCTL-210-4179-01	Douglas J. McDougall, PE

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)	Large Missile Impact & Cyclic	National Certified Testing Laboratories	10/22/2020	NCTL-210-4179-01	Douglas J. McDougall, PE

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: 08/23/2024