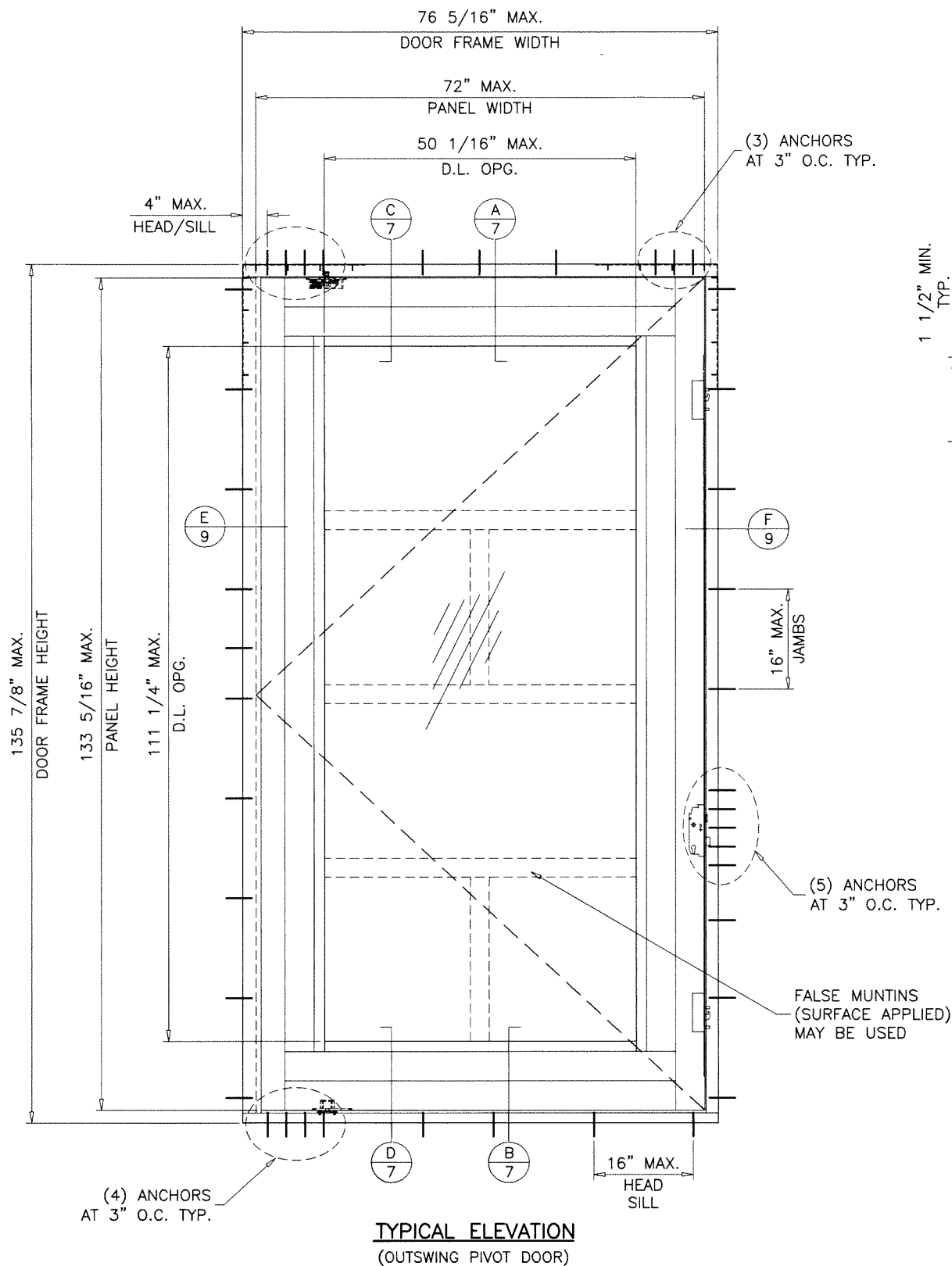




TYPICAL ELEVATION
(OUTSWING PIVOT DOOR)

MAXIMUM DESIGN LOAD RATING = + 60.0 PSF
(FOR MAX. SIZE SHOWN ABOVE OR SMALLER) - 60.0 PSF
AS PERMITTED BY FBC REQUIREMENTS

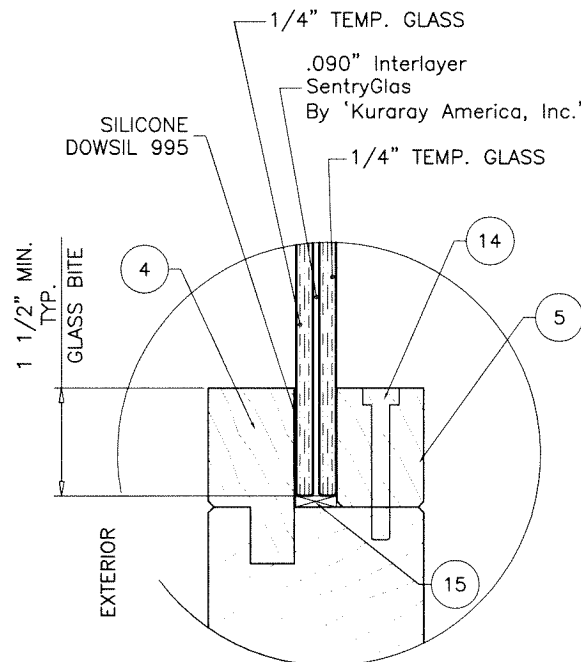
NOTE:
APPLICABLE EGRESS REQUIREMENTS TO BE REVIEWED BY AHJ.

PANEL SIZE:

NOM. PANEL WIDTH = DOOR FRAME WIDTH - 4.313"
PANEL HEIGHT = DOOR FRAME HEIGHT - 4.187"

DAYLITE OPENINGS:

DLO WIDTH = NOM. PANEL WIDTH - 22.062"
DLO HEIGHT = PANEL HEIGHT - 21.937"



GLAZING DETAIL
9/16" OVERALL LAM. GLASS

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

OUTSWING GLASS WOOD PIVOT DOOR (L.M.I.)

DOORS APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION
RESISTANCE IS REQUIRED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE 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 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)'.

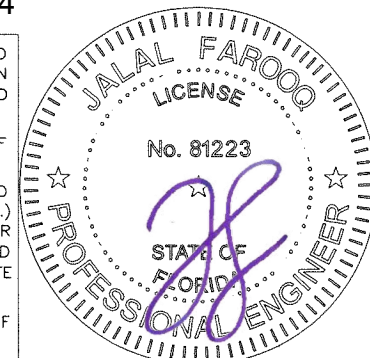
MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION
IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE.
LABELING TO COMPLY WITH SECTION 1709.9.2.

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:12/5/2024

FL #41847

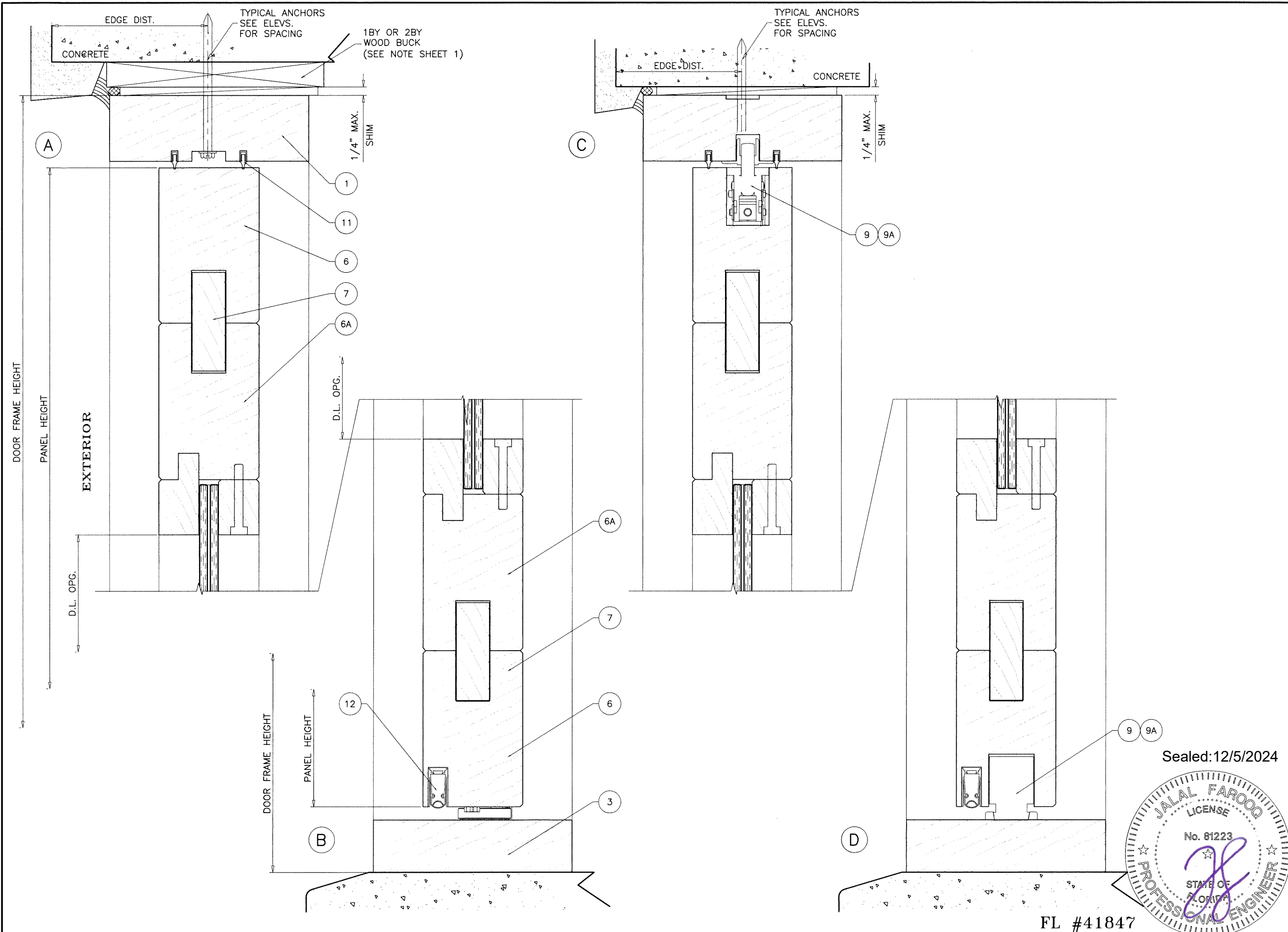
A- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND
INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION
PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED
ON THIS DOCUMENT.
B- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF
ALTERED BY ANY MEANS.
C- SITE 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
WWW.AFCENG.COM
FBPE #3538

OUTSWING GLASS WOOD PIVOT DOOR (L.M.I.)
THE DOOR DISTRICT
10471 N.W. 36th Street
Doral, FL. 33178
Phone: (786) 502-4752 www.thedoordistrict.com

revisions:		no	date	by	description
		A	08.07.23		UPDATED TO 2023 FBC
		B	12.05.24		WATER INFILTRATION REV.
date:	11-14-22	scale:	1/2"=1'-0"	dr. by:	TARIQ
		chk. by:			
drawing no.	22-44F				
sheet	1 of 7				



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100
WWW.AFCENG.COM
FBPE #3538

COMP-ANL\22-44F-TDD

OUTSWING GLASS WOOD PIVOT DOOR (L.M.I.)

THE DOOR DISTRICT
10471 N.W. 36th Street
Doral, FL. 33178
Phone: (786) 502-4752 www.thedoordistrict.com

Sealed: 12/5/2024

revisions:

no	date	by	description

date: 11-14-22

scale: 3/8" = 1"

dr. by: TARIQ

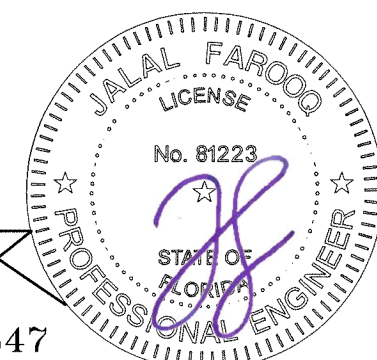
chk. by:

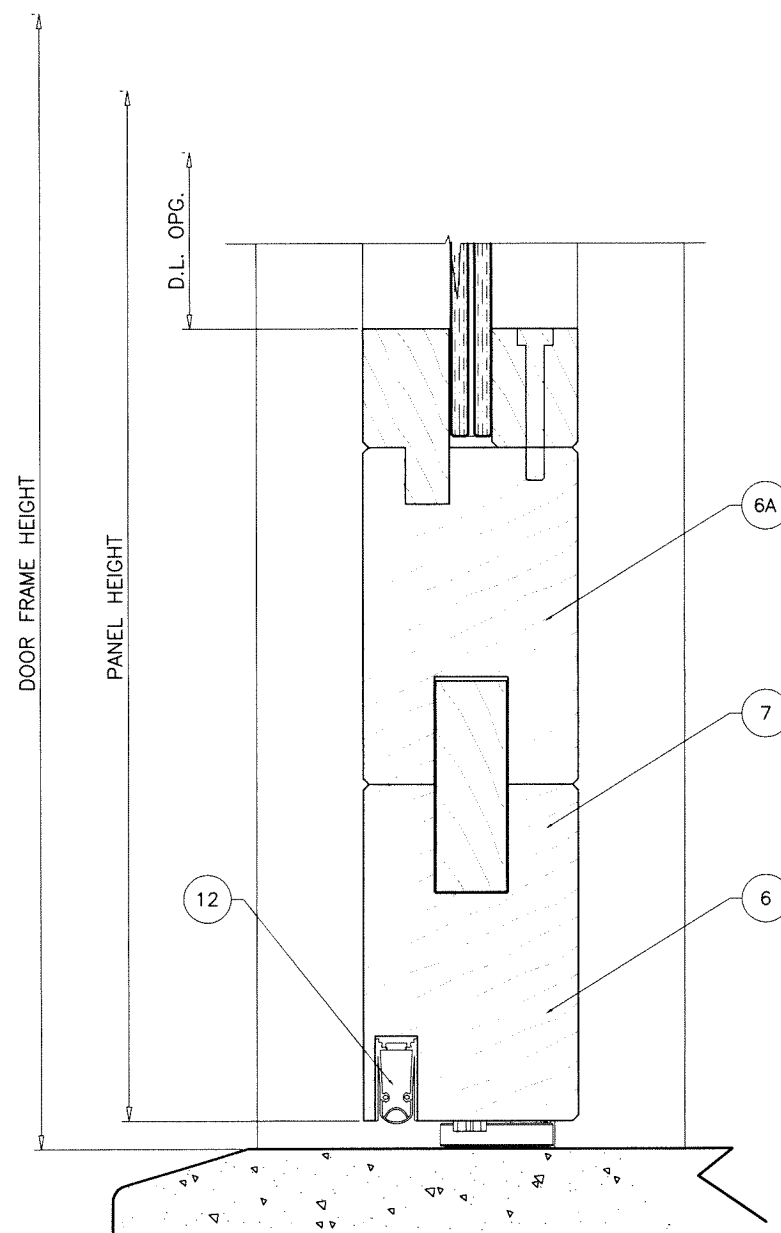
drawing no.

22-44F

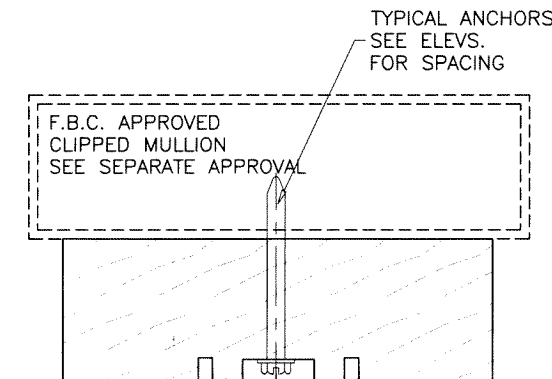
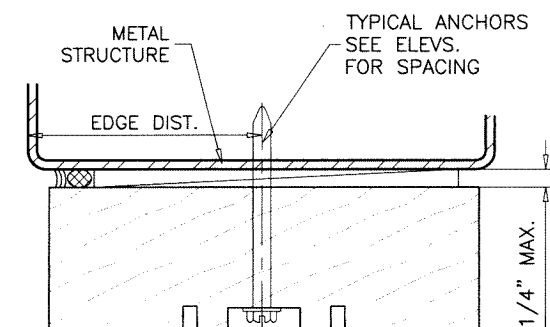
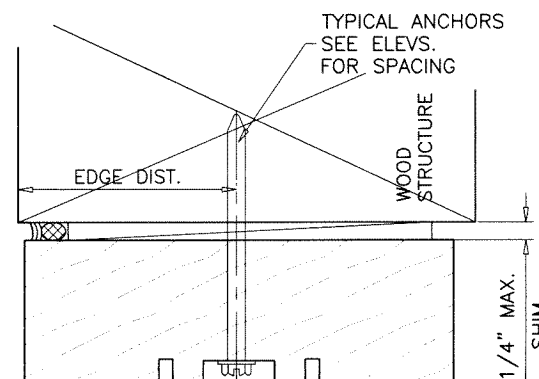
sheet 2 of 7

FL #41847





DOOR OPTION WITHOUT FRAME SILL



WOOD BUCKS AND METAL STRUCTURE NOT BY 'THE DOOR DISTRICT' 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' ($F_u=164$ KSI, $F_y=148$ KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES

1-1/2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)

THRU 1BY BUCKS INTO CONC. OR BLOCKS

1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)

1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

DIRECTLY INTO CONCRETE OR BLOCKS

1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)

1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

#14 SMS OR SELF-DRILLING SCREWS (GRADE 2 CRS)

INTO F.B.C. APPROVED MULLIONS

AND

INTO METAL STRUCTURES (HEAD/SILL/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)

CRITICAL EDGE DISTANCE

INTO CONCRETE AND BLOCKS = 2-1/2" MIN.

INTO WOOD STRUCTURE = 1" MIN.

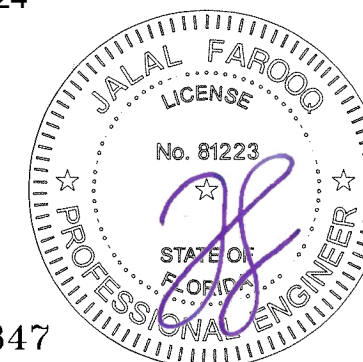
INTO METAL STRUCTURE = 1/2" MIN.

WOOD AT HEAD, SILL 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:12/5/2024



FL #41847

OUTSWING GLASS WOOD PIVOT DOOR (L.M.I.)

THE DOOR DISTRICT

10471 N.W. 36th Street

Doral, FL. 33178

Phone: (786) 502-4752

www.thedoordistrict.com

revisions:		by description	
no	date	no	date

date: 11-14-22	scale: 3/8" = 1"	dr. by: TARIQ	chk. by:
----------------	------------------	---------------	----------

drawing no.

22-44F

sheet 3 of 7

AL-FAROOQ CORPORATION

ENGINEERS & PRODUCT DEVELOPMENT

9360 SUNSET DRIVE, SUITE 220

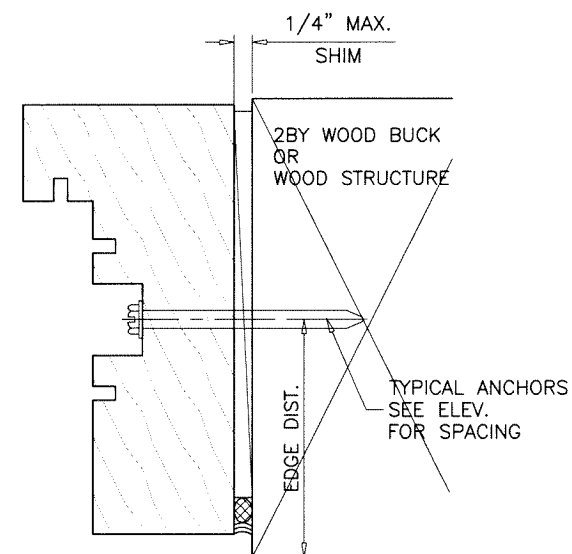
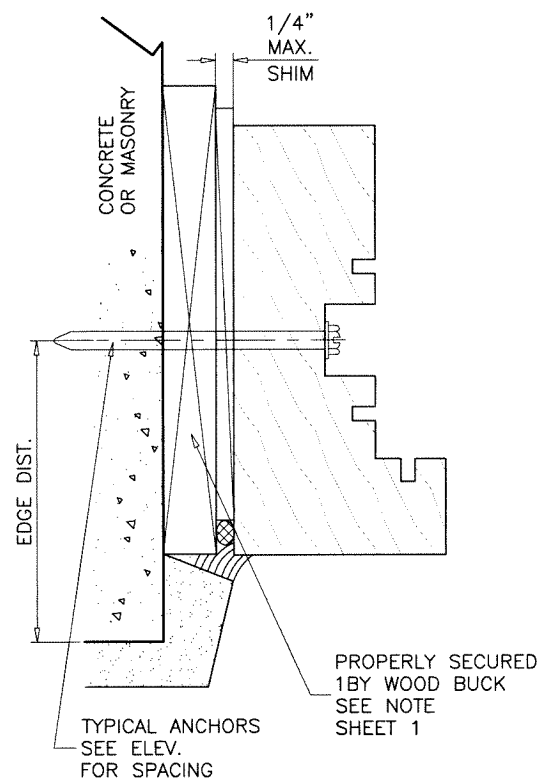
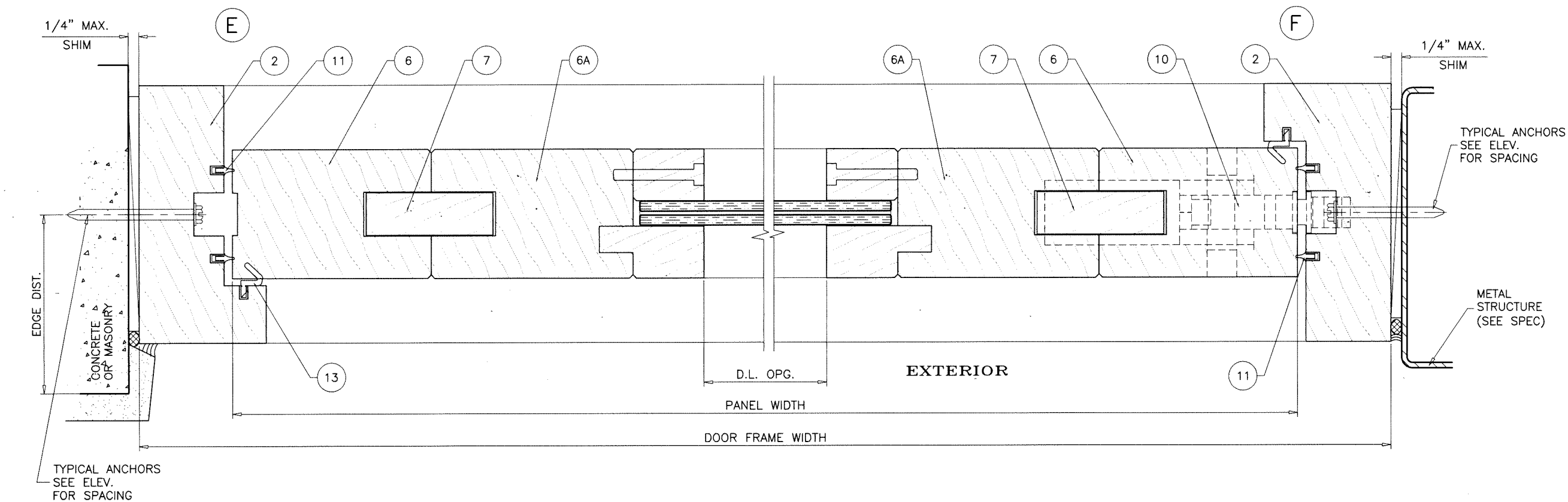
MIAMI, FLORIDA 33173

TEL. (305) 264-8100

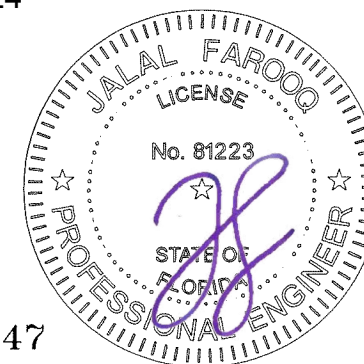
FBPE #3538

WWW.AFCENG.COM

COMP-ANL\22-44F-TDD



Sealed:12/5/2024



FL #41847

af c

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL: (305) 264-8100
WWW.AFCENG.COM
FBPE #3538

OUTSWING GLASS WOOD PIVOT DOOR (L.M.I.)

THE DOOR DISTRICT
10471 N.W. 36th Street
Doral, FL. 33178
Phone: (786) 502-4752 www.thedoordistrict.com

revisions:		date		by description	
no	date	no	date	no	date

date: 11-14-22

scale: 3/8" = 1"

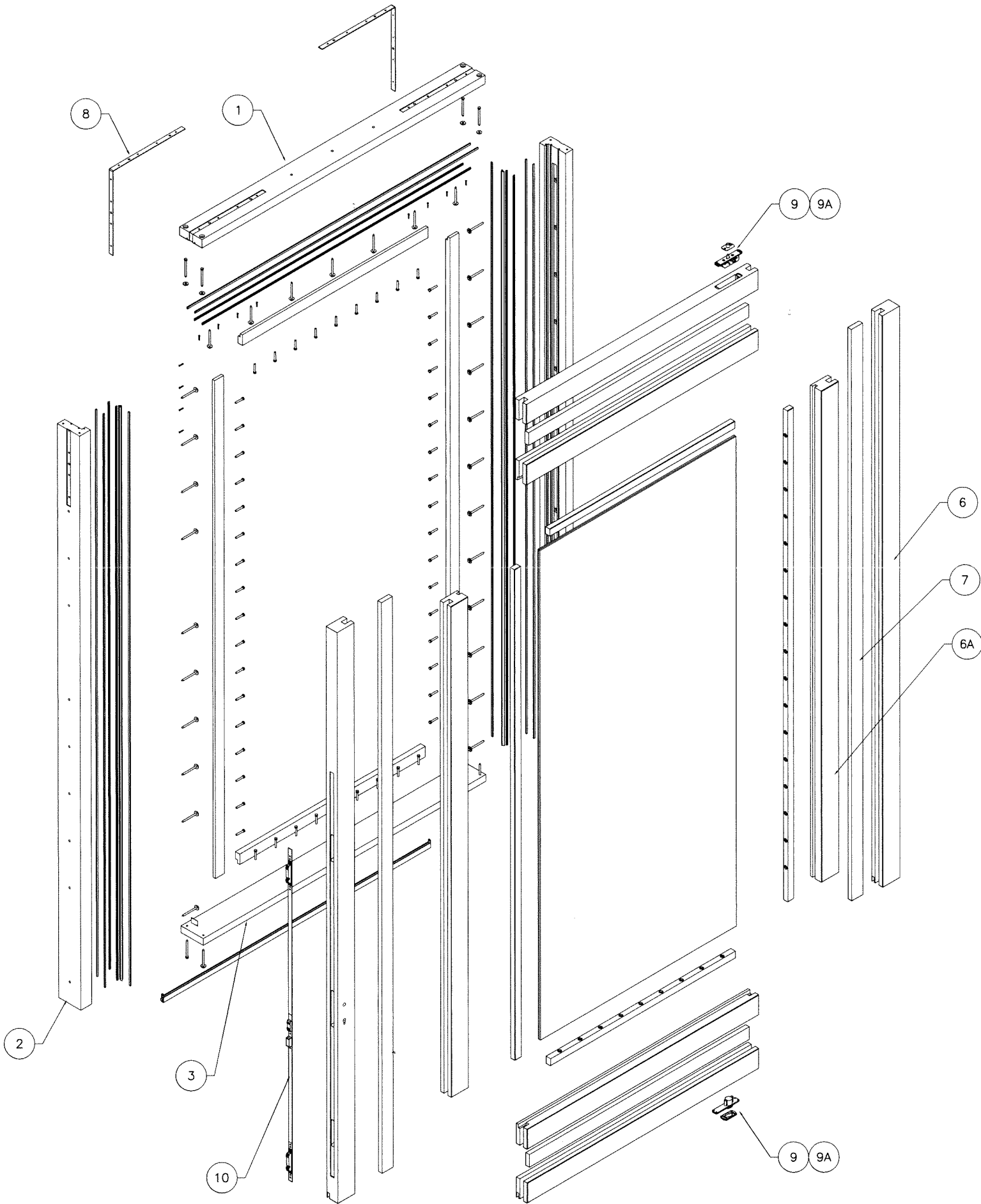
dr. by: TARIQ

chk. by:

drawing no.

22-44F

sheet 4 of 7



ITEM #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	1	FRAME HEAD	WOOD	-
2	2	FRAME JAMB	WOOD	-
3	1	FRAME SILL	WOOD	-
4	4	EXT. GLAZING BEAD	WOOD	-
5	4	INT. GLAZING BEAD	WOOD	-
6	4	STILE/RAIL	WOOD	-
6A	4	STILE/RAIL	WOOD	-
7	4	STILE/RAIL PLUG	WOOD	-
8	2	METAL STRAP	-	-
9	1	SYSTEM ONE PIVOT	-	FRITSJURGENS
9A	1	M-42 SYSTEM PIVOT	-	FRITSJURGENS
10	1	3 POINT LOCK SYSTEM	-	HOOPE
11	AS REQD.	FRAME W'STRIPPING	-	-
12	AS REQD.	SILL W'STRIPPING	-	-
13	AS REQD.	JAMB W'STRIPPING	-	-
14	AS REQD.	GLAZING BEAD FASTENERS	-	5/16" X 2" HEX HEAD
15	2	SETTING BLOCKS AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A

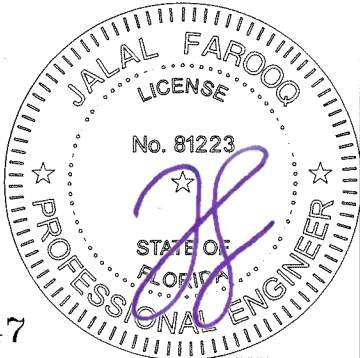
WOOD OPTIONS

- 1- MAHOGANY
- 2- OAK
- 3- AMARGO
- 4- SAPAN

SPECIFIC GRAVITY = 0.45 MIN.
GRADE = 2 MIN.
MOISTURE CONTENT = 19% MAX.

Sealed:12/5/2024

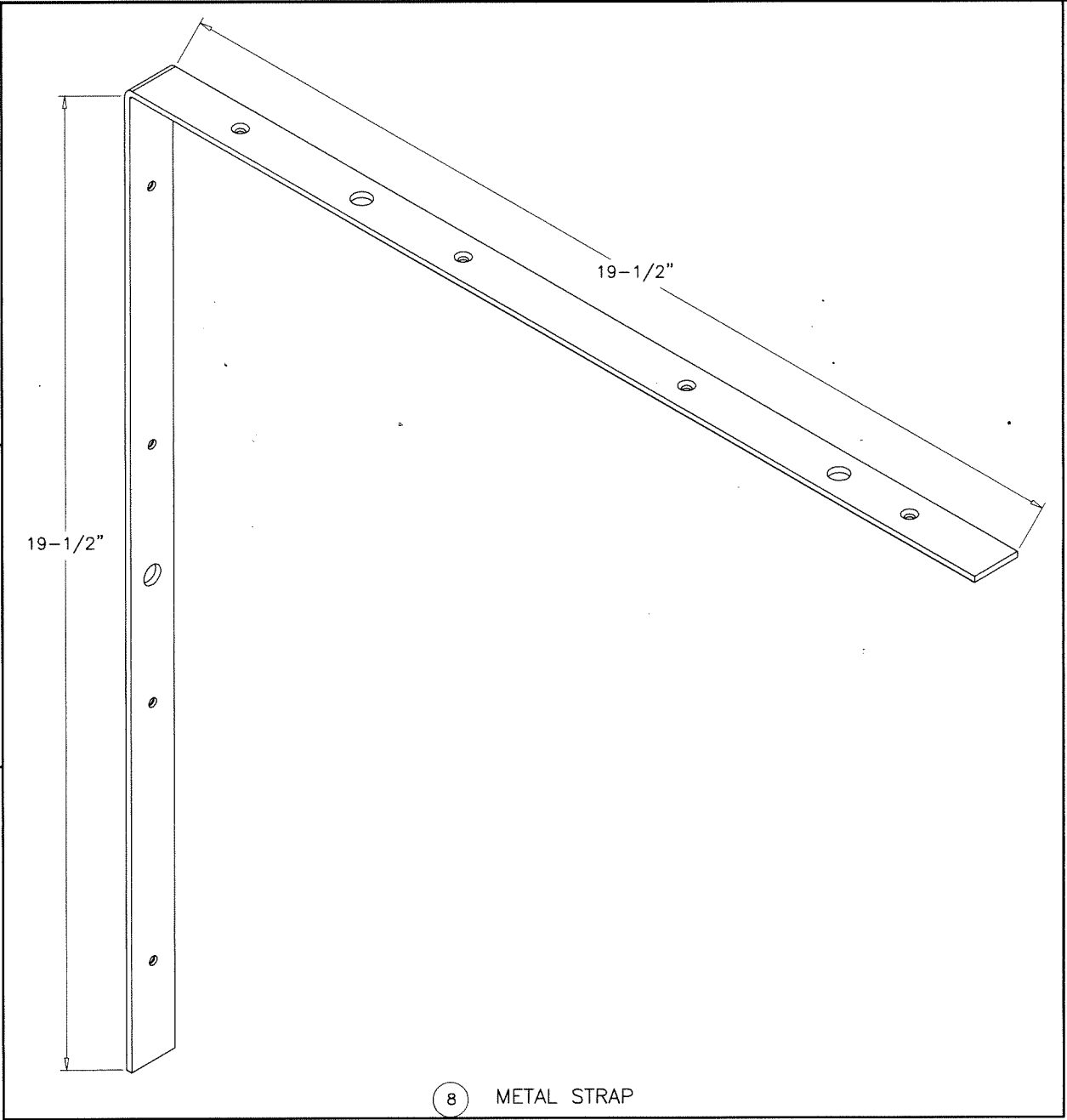
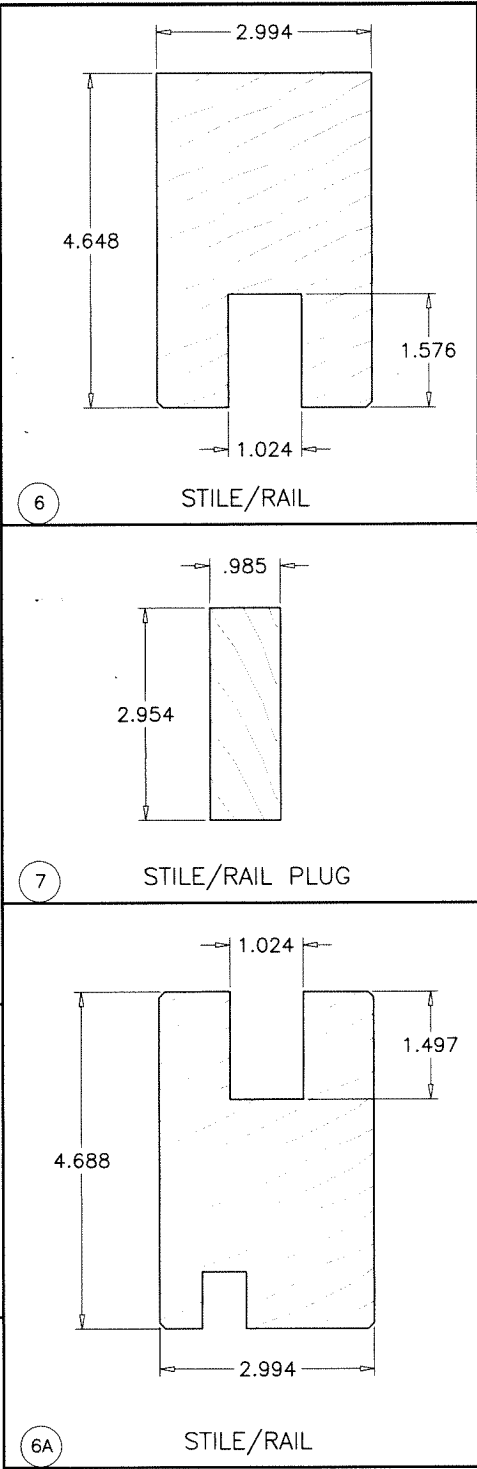
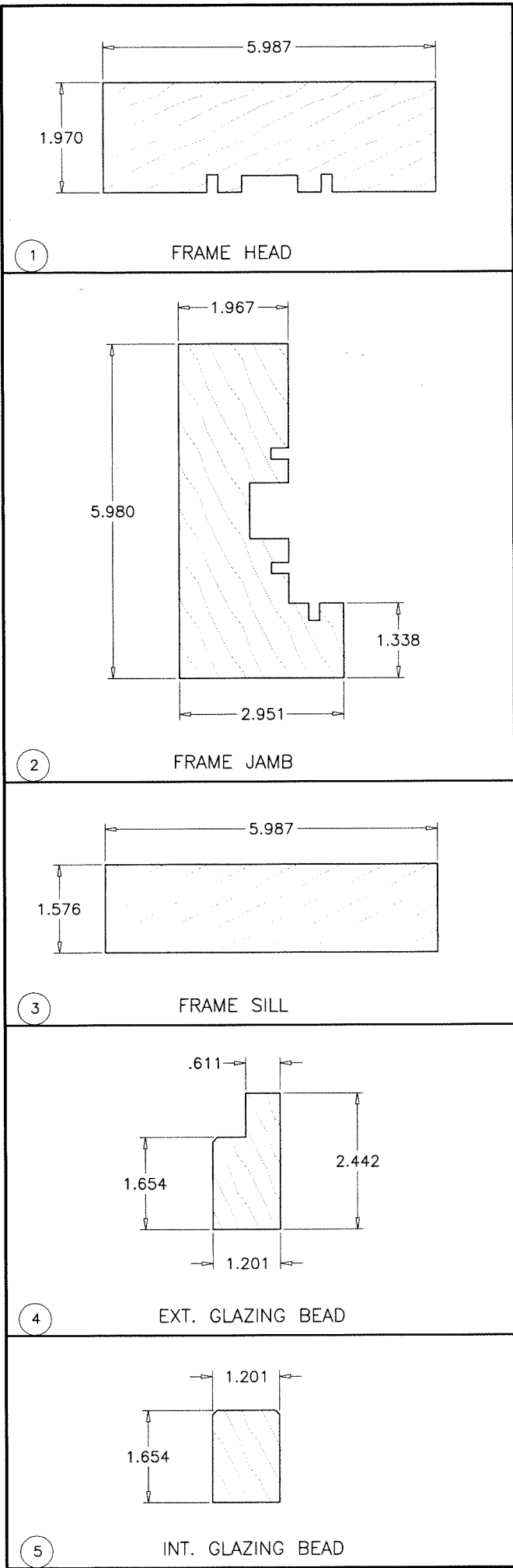
FL #41847



OUTSWING GLASS WOOD PIVOT DOOR (L.M.I.)
THE DOOR DISTRICT
10471 N.W. 36th Street
Doral, FL. 33178
Phone: (786) 502-4752 www.thedoordistrict.com

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100
FBPE #3538
WWW.AFCENG.COM
COMP-ANL\22-44F-TDD

revisions:	no	date	by	description
date:	11-14-22			
scale:	-			
dr. by:	TARIQ			
chk. by:				
drawing no.	22-44F			
sheet	5 of 7			



Sealed:12/5/2024



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100
WWW.AFCENG.COM
FBPE #3538

OUTSWING GLASS WOOD PIVOT DOOR (L.M.I.)

THE DOOR DISTRICT
10471 N.W. 36th Street
Doral, FL. 33178
Phone: (786) 502-4752 www.thedoordistrict.com

revisions:	
no	date by description

date: 11-14-22

scale: 3/8" = 1"

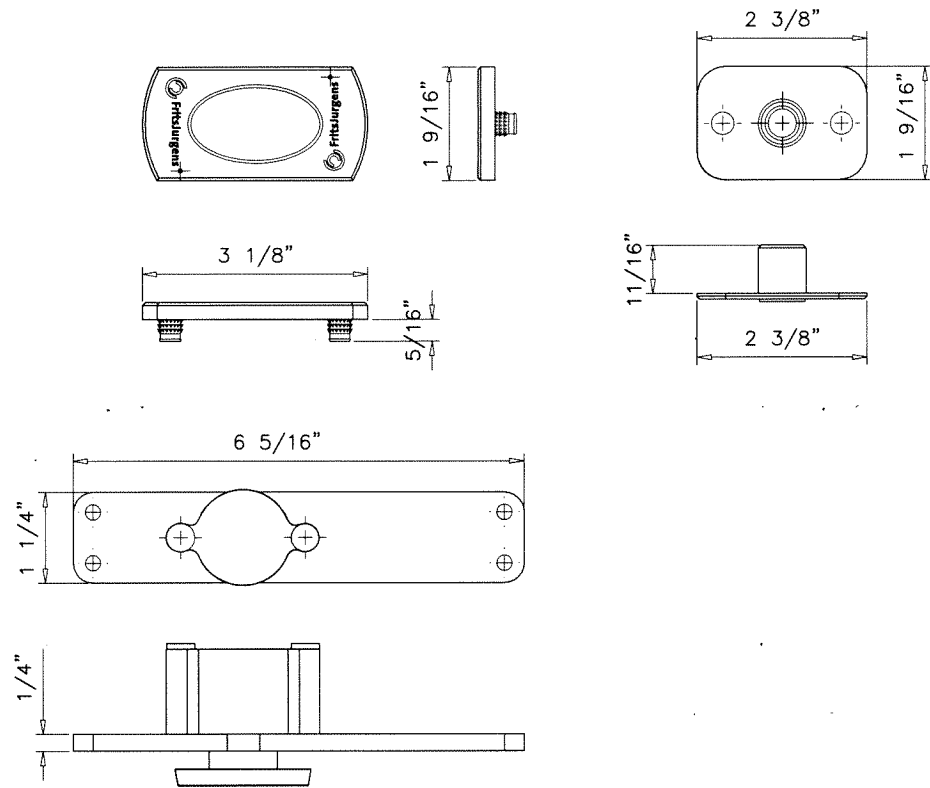
dr. by: TARIQ

chk. by:

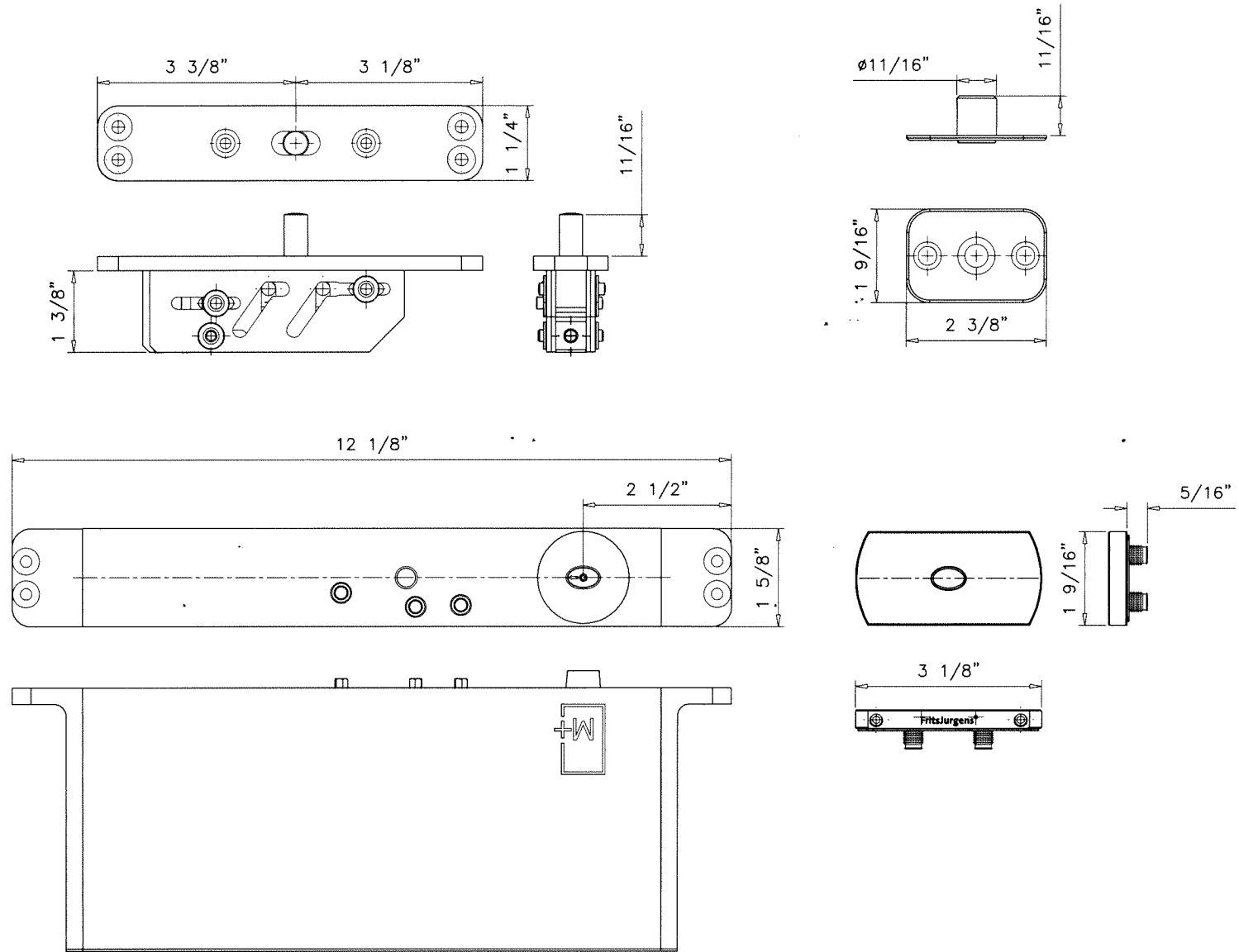
drawing no. 22-44F

sheet 6 of 7

FL #41847

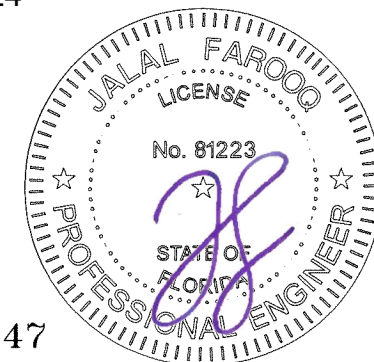


9 SYSTEM ONE PIVOT



9A M-42 SYSTEM PIVOT

Sealed:12/5/2024



FL #41847

af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100
 FBPE #3538
 WWW.AFCENG.COM
 COMP-ANL\22-44F-TDD

OUTSWING GLASS WOOD PIVOT DOOR (L.M.I.)
THE DOOR DISTRICT
 10471 N.W. 36th Street
 Doral, FL. 33178
 Phone: (786) 502-4752
 www.thedoordistrict.com

revisions:		date		no		by description	
date:	11-14-22	scale:	3/8" = 1"	dr. by:	TARIQ	chk. by:	
drawing no.	22-44F			sheet 7 of 7			