

NARROW STILE
ALUMINUM OUTSWING ENTRANCE DOOR

DOORS NOT 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)/2026 (9TH 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.

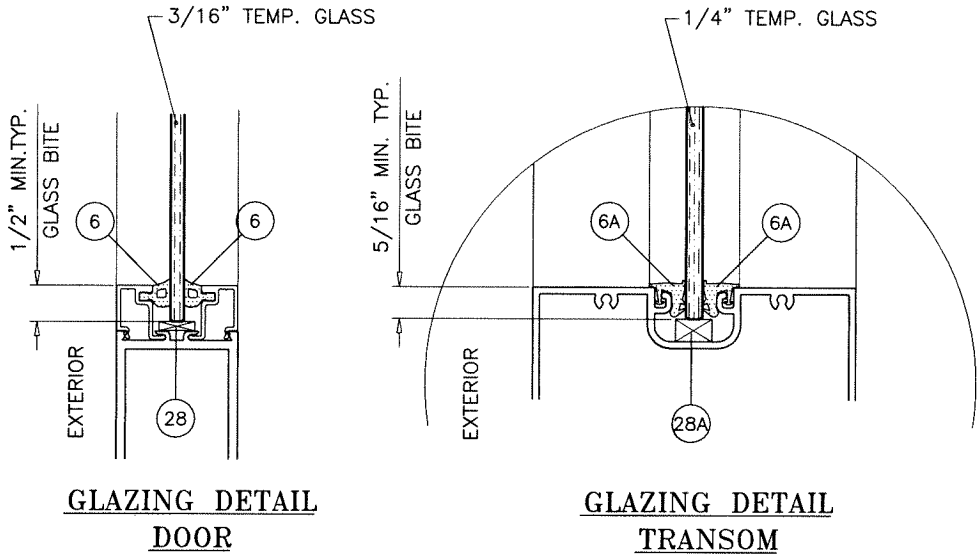
ALL SHIMS TO BE LOAD-BEARING, (HIGH DENSITY PLASTIC/COMPOSITE, METAL OR OTHER RIGID MATERIALS).

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2023/2026 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.



FASTENERS AND CONNECTORS (AS APPLICABLE) SHOWN IN THIS APPROVAL MAY NOT MEET CORROSION RESISTANCE REQUIREMENTS FOR COASTAL OR SALT WATER EXPOSURE ZONES. COMPLIANCE WITH THESE CONDITIONS TO BE CHECKED PER FBC 1711.

DOORS NOT RATED FOR IMPACT.
INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA REQUIRES THE USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES COMPLYING WITH HVHZ REQUIREMENTS.
INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA SHALL MEET THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

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** FOR SINGLE (X) AND DOUBLE (XX) DOOR WITHOUT TRANSOMS SEE SHEET 2.
USE LOWER VALUES FROM HINGE AND LOCK TYPES USED.
- STEP 3** FOR SINGLE (O/X) AND DOUBLE (O/XX) DOOR WITH TRANSOMS SEE HORIZONTAL MULLION CAPACITY CHART ON SHEET 3.
THE LOWEST VALUE FROM STEPS 2 AND 3 SHALL APPLY.

Sealed: 9/18/2026

FL #39839

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.

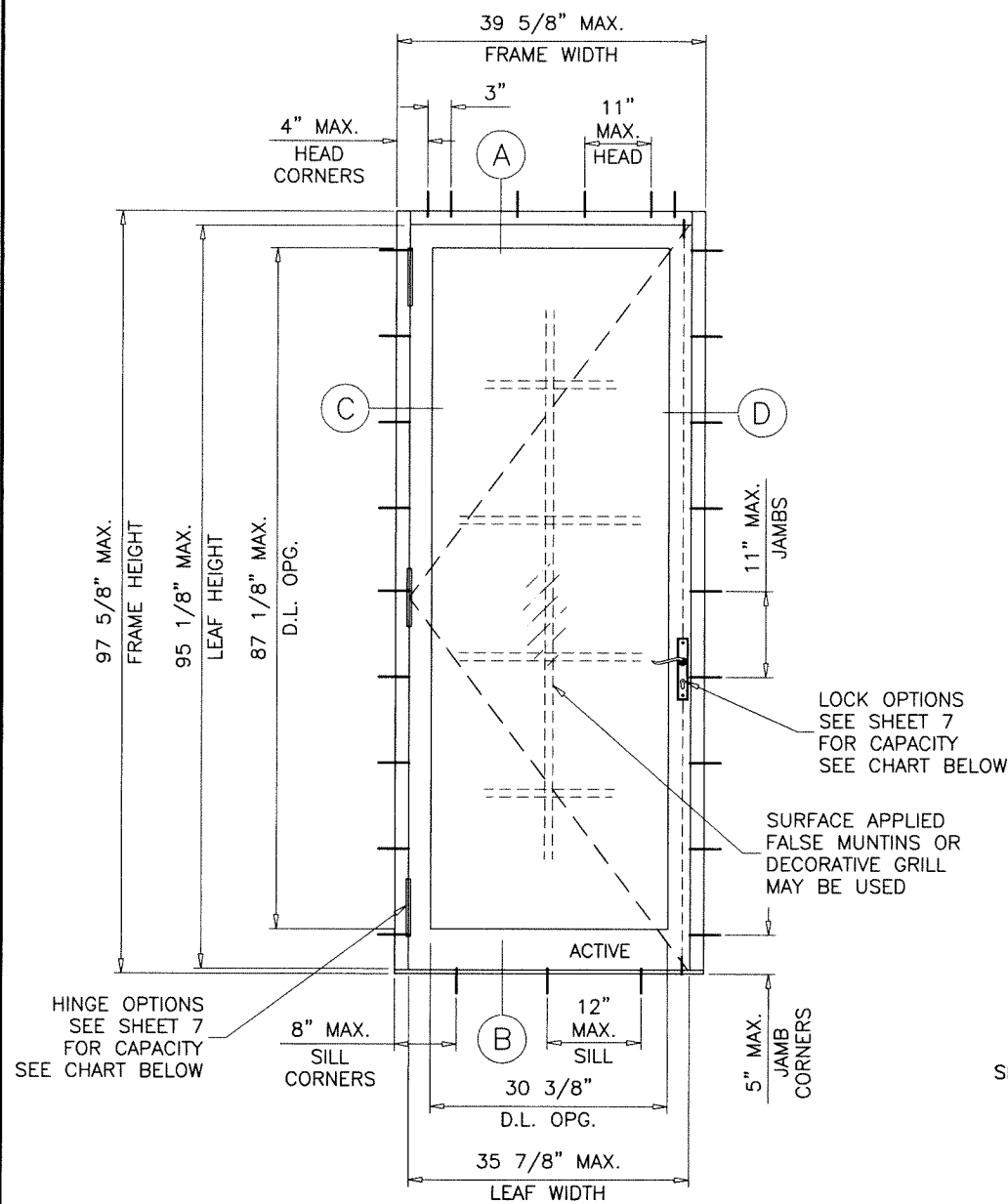


AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
(C.A.N. 3538)

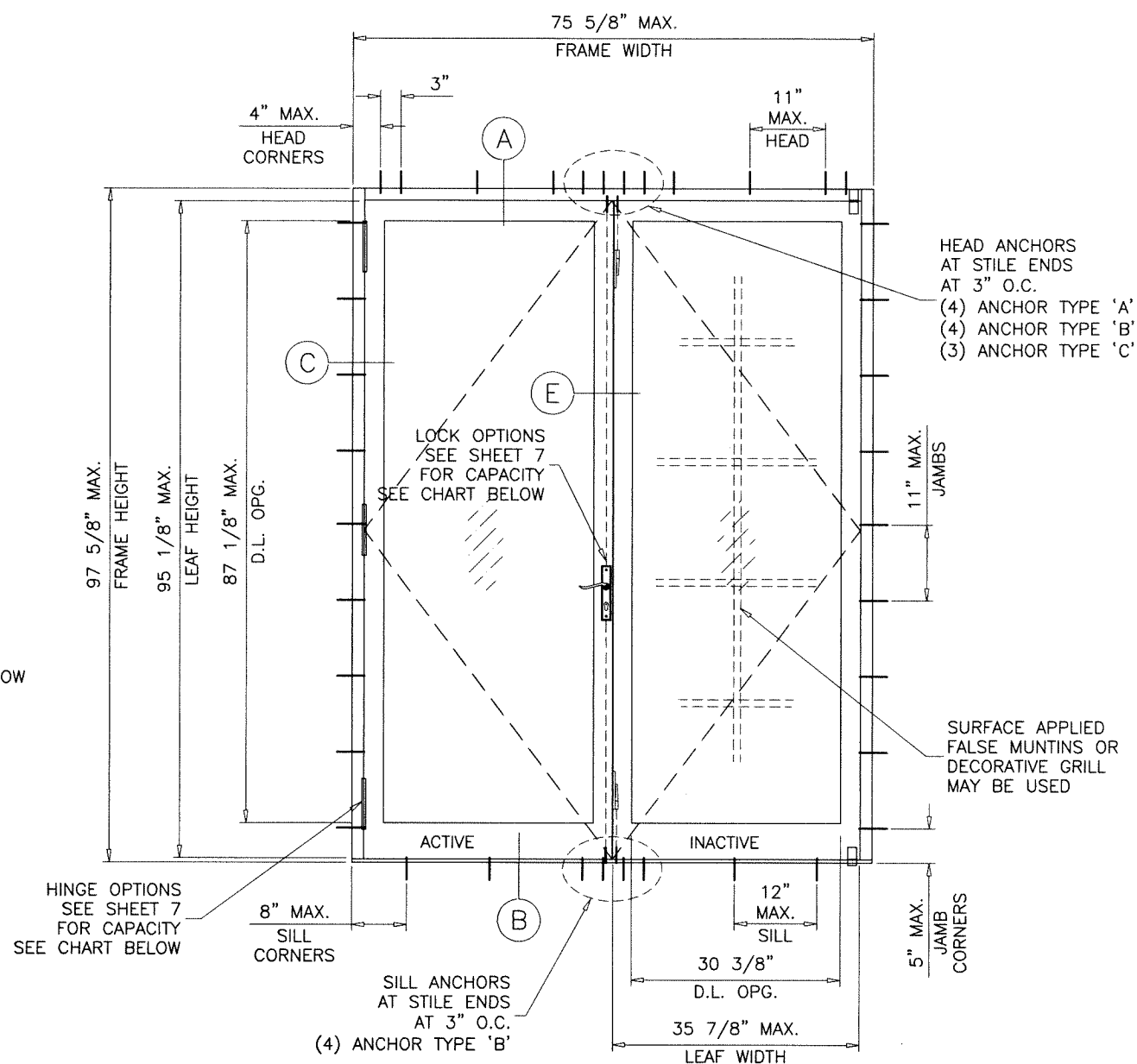
COMP-ANL\21-63F-MG

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

revisions:		date	by	description
no	date	by	description	
A	07.18.23			UPDATED TO 2023 FBC
B	09.16.26			UPDATED TO 2026 FBC
date: 08-25-21		scale: 3/8" = 1"	dr. by: TARIQ	chk. by:
drawing no.		21-63F		
sheet 1 of 10				



(X)



(XX)

DOOR DIMS.		FRAME HEIGHT	DOORS WITHOUT TRANSOM LOAD CAPACITY - PSF							
			HINGE TYPES				LOCKS			
			PIVOT		BUTT		PANIC OPTIONS 1&2		STANDARD OPTION 3	
SINGLE (X)	DOUBLE (XX)		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
39-5/8"	75-5/8"	85-3/4"	65.0	75.0	65.0	55.0	65.0	75.0	65.0	75.0
		97-5/8"	65.0	75.0	50.0	50.0	50.0	60.0	65.0	75.0

GLASS D.L.O. DIMS.

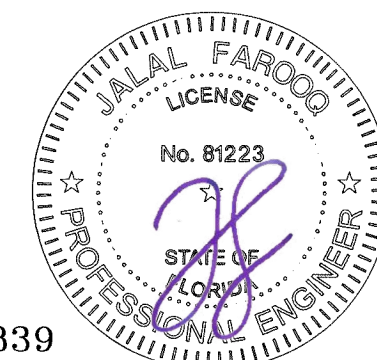
D.L.O. HEIGHT = DOOR FRAME HEIGHT - 10.50"

D.L.O. WIDTH (X DOORS) = FRAME WIDTH - 9.250"

D.L.O. WIDTH (XX DOORS) = (FRAME WIDTH - 14.875")/2

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-16 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

Sealed: 9/18/2026



FL #39839

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\21-63F-MG

NARROW STILE ALUMINUM OUT-SWING DOOR (N.I.)

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

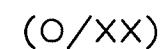
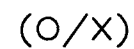
revisions:

no	date	by	description

date: 08-25-21
scale: 1/2" = 1'-0"
dr. by: TARIQ
chk. by:

drawing no.
21-63F

sheet 2 of 10



HORIZONTAL MULLION LOAD CAPACITY - PSF						
DOOR DIMS.			WITHOUT REINFORCING		WITH REINFORCING	
FRAME WIDTH	DOOR HEIGHT	TRANSOM HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
75-5/8"	79-3/4"	36-1/4"	65.0	72.4	65.0	75.0
	83-3/4"	36-1/4"	65.0	68.0	65.0	75.0
	89-3/4"	30-1/4"	50.0	60.0	65.0	75.0
	95-3/4"	24-1/4"	50.0	60.0	50.0	60.0

GLASS D.L.O. DIMS.

$$\text{D.L.O. HEIGHT} = \text{DOOR FRAME HEIGHT} - 10.50''$$
$$\text{D.L.O. WIDTH (X DOORS)} = \text{FRAME WIDTH} - 9.250"$$
$$\text{D.L.O. WIDTH (XX DOORS)} = (\text{FRAME WIDTH} - 14.875")/2$$

Sealed: 9/18/2026



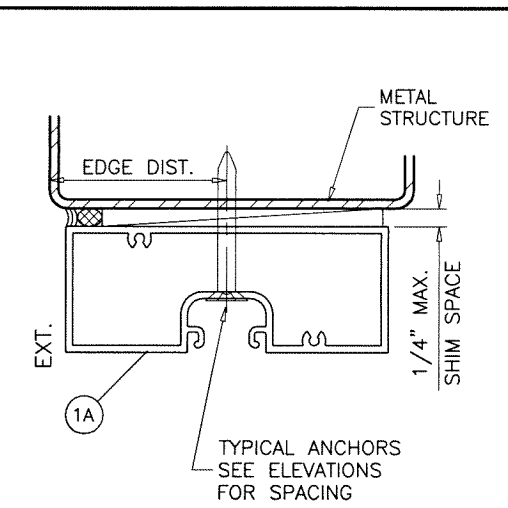
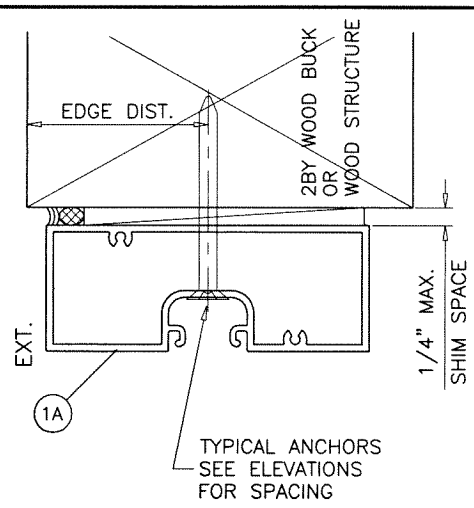
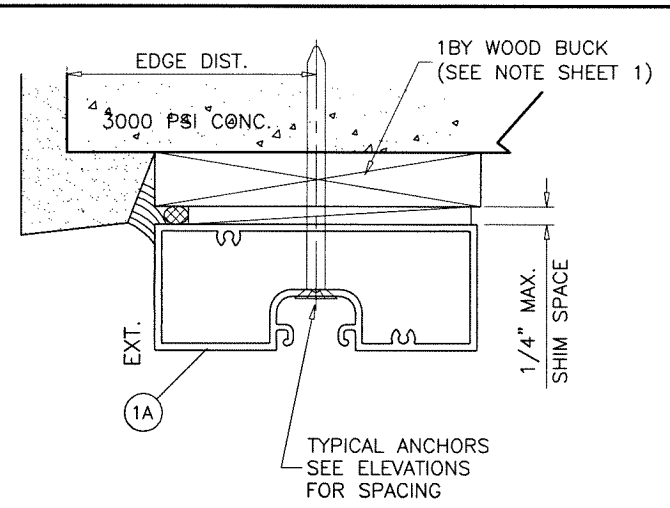
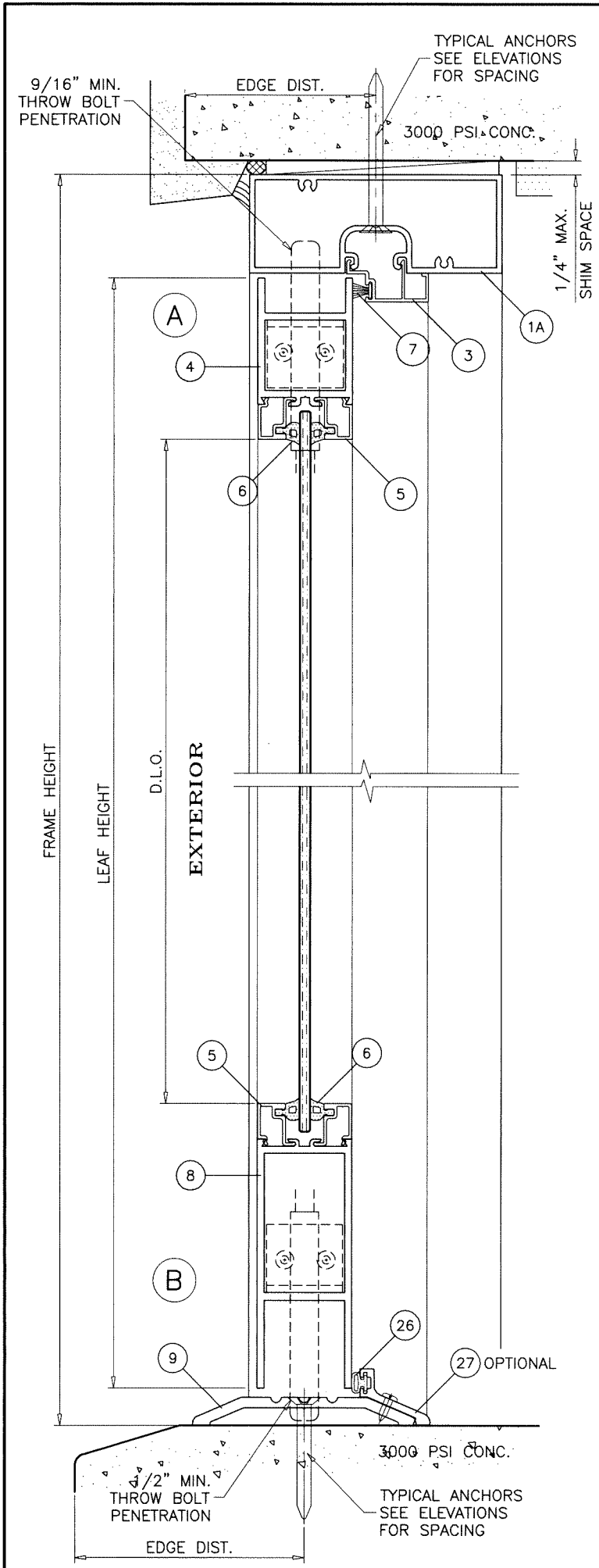
FL #39839

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

NARROW STILE ALUMINUM OUT-SWING DOOR (N.I.)

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

date: 08-25-21		scale: 1/2"=1'-0"		dr. by: TARIQ		chk. by:	
drawing no.		21-63F		sheet 3		of 10	



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' - 1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-3/8" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)
 THRU 1BY BUCKS INTO CONC. OR BLOCKS
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

ANCHOR EDGE DISTANCES
 INTO CONCRETE AND BLOCKS = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 1" MIN.

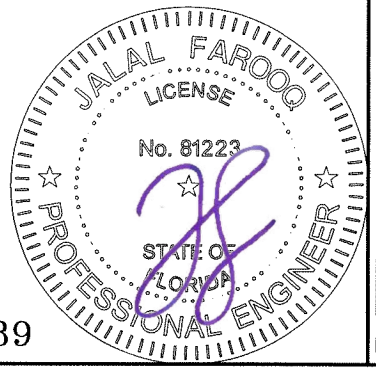
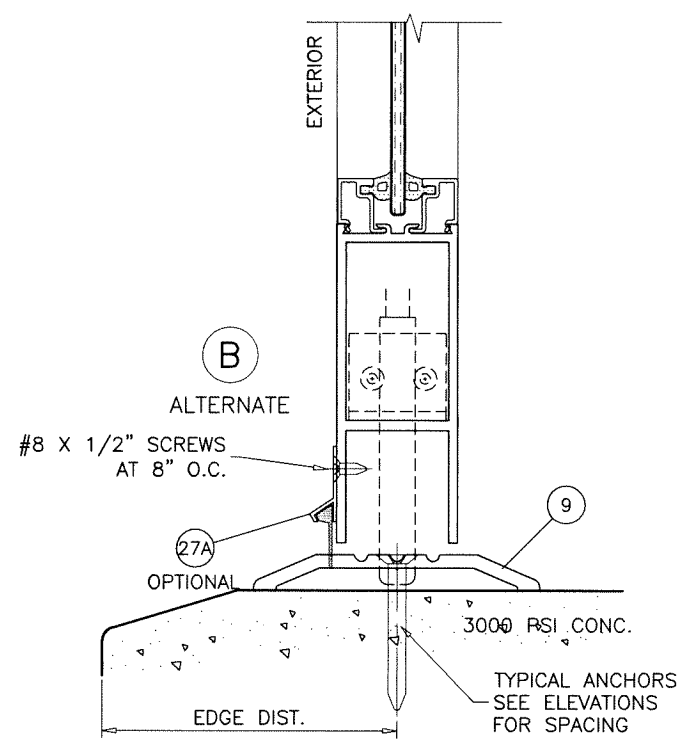
TYPE 'B' - 1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
 DIRECTLY INTO CONCRETE OR BLOCKS
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

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

TYPE 'C' - #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. (Fy = 36 KSI MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

ANCHOR EDGE DISTANCES
 INTO METAL STRUCTURE = 3/4" 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.



FL #39839

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

COMP-ANL\21-63F-MG

NARROW STILE ALUMINUM OUT-SWING DOOR (N.I.)

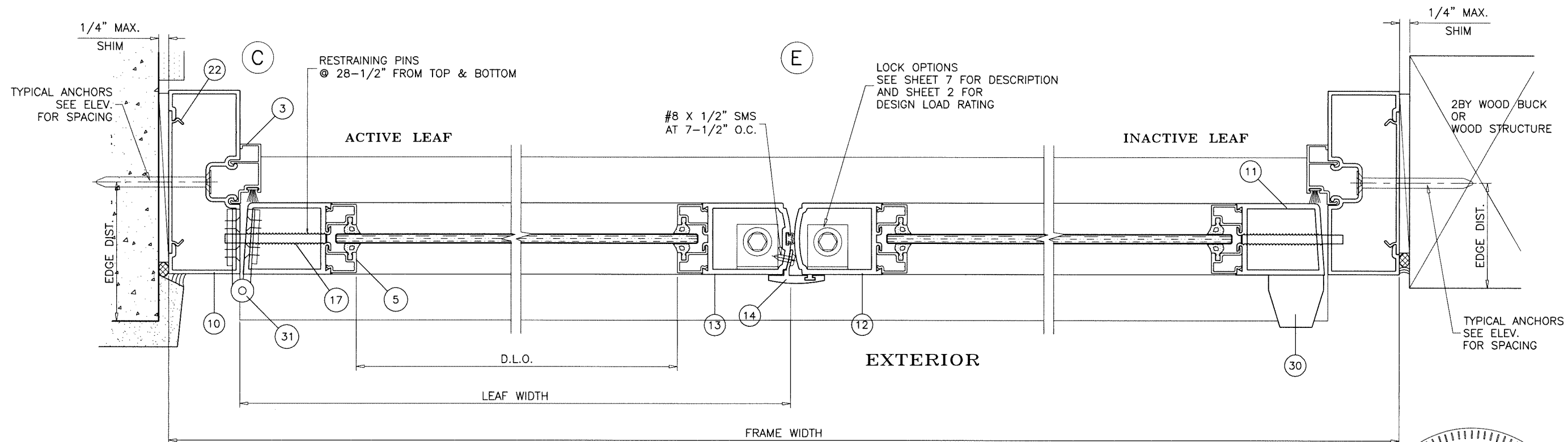
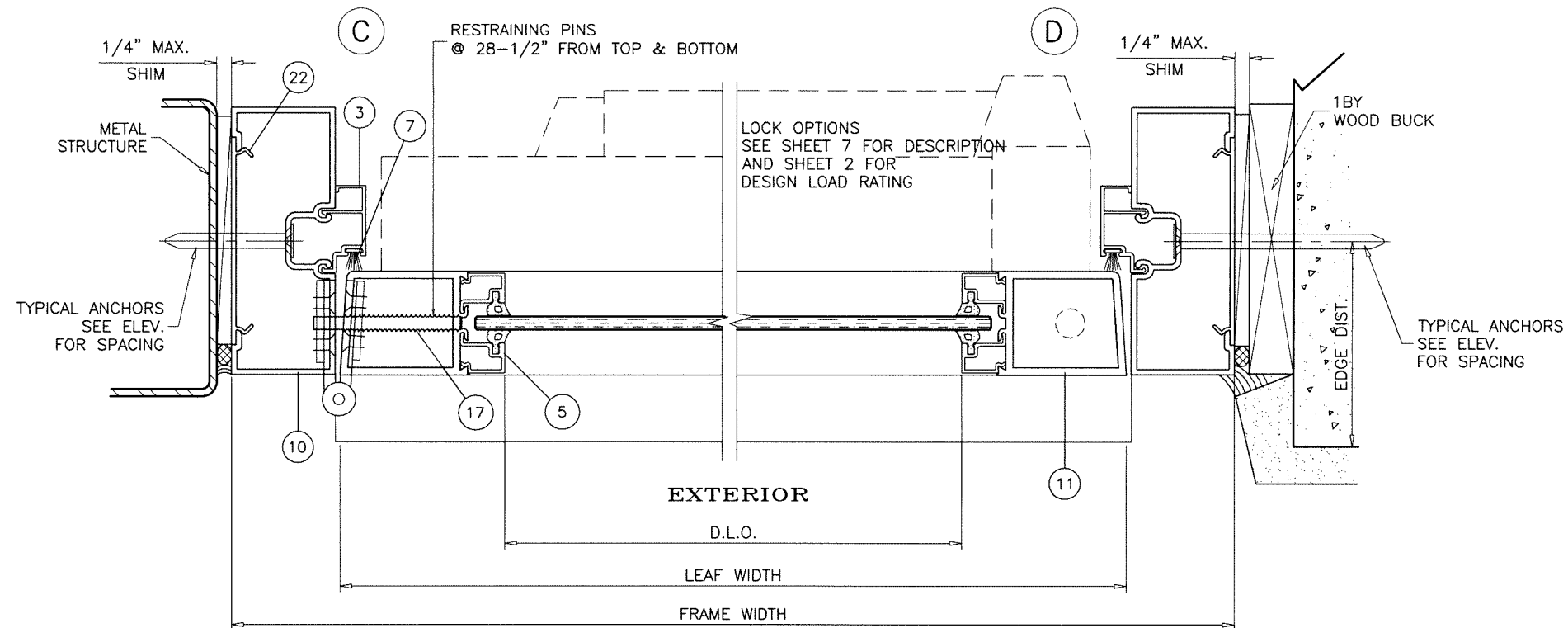
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
 8051 N.W. 79th Place
 Medley, FL. 33166
 Tel. (305) 764-3963 Fax. (305) 470-8285

date: 08-25-21
 scale: 3/8" = 1"
 dr. by: TARIQ
 chk. by:

revisions:

no	date by description

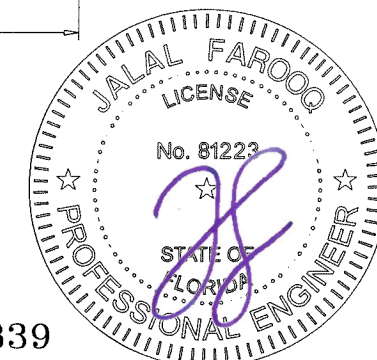
drawing no.
21-63F
 sheet 4 of 10



Sealed: 9/18/2026

DOOR DETAILS

FL #39839



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

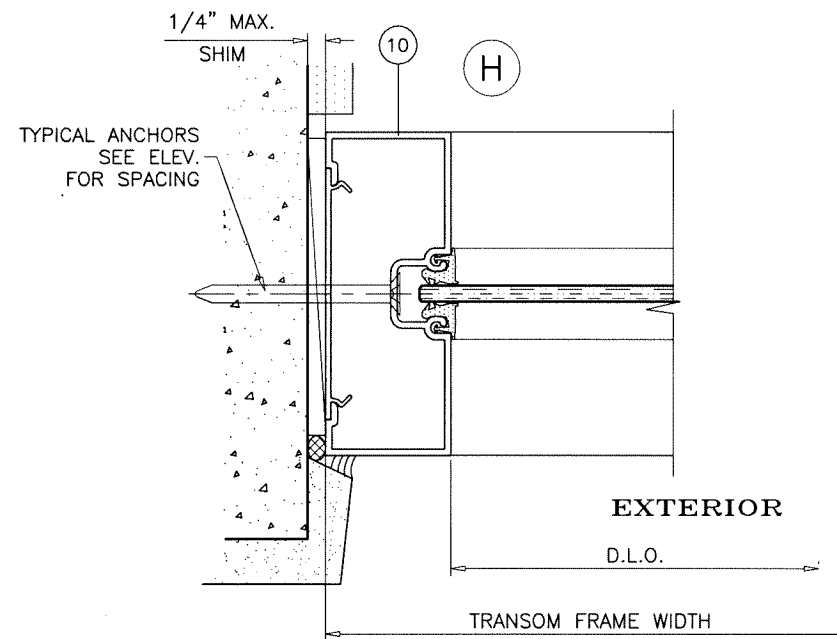
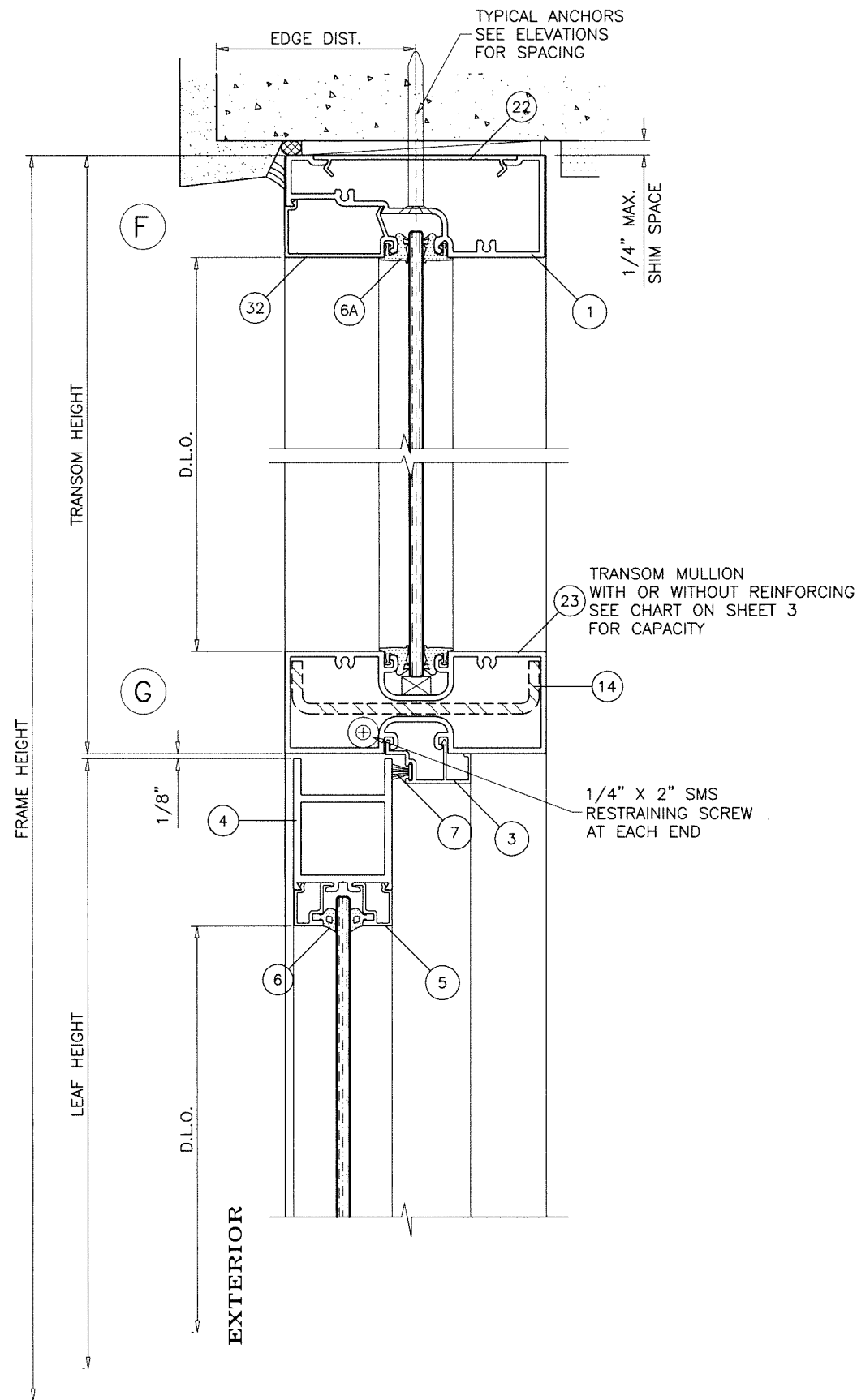
NARROW STILE ALUMINUM OUT-SWING DOOR (N.I.)
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL. 33166
Tel. (305) 764-3963 Fax. (305) 470-8285

revisions:	no	date	by	description

date: 08-25-21
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:

drawing no.
21-63F
sheet 5 of 10

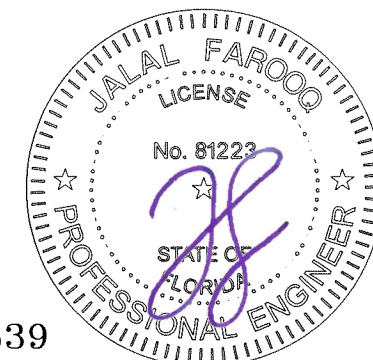
COMP-ANL\21-63F-MG



Sealed: 9/18/2026

TRANSOM DETAILS

FL #39839



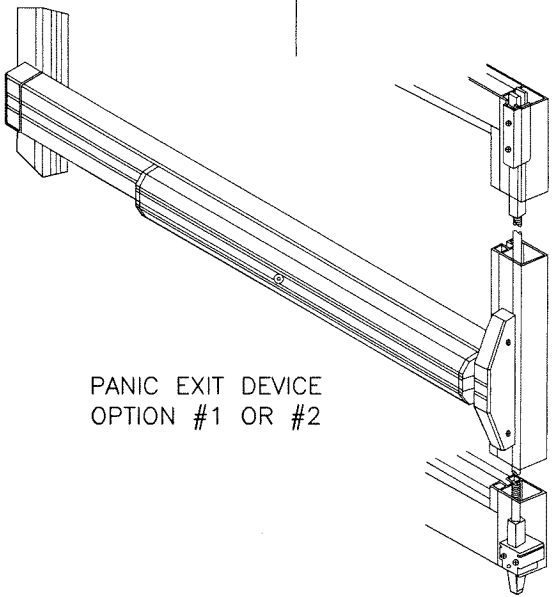
AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 TEL. (305) 264-8100 FAX. (305) 262-6978 (C.A.N. 3538)		COMP-ANL\21-63F-MG	
NARROW STILE ALUMINUM OUT-SWING DOOR (N.I.)			
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC 8051 N.W. 79th Place Medley, FL. 33166 Tel. (305) 764-3963 Fax. (305) 470-8285			
revisions:	no	date	by description
date: 08-25-21	scale: 3/8" = 1"	dr. by: TARIQ	chk. by:
drawing no.		sheet 6 of 10	
21-63F			

LOCKS:

PANIC

OPTION #1:

CONCEALED VERTICAL ROD PANIC EXIT DEVICE BY 'JACKSON PANIC SYSTEM' #1085 LOCATED AT 38" FROM SILL AT EACH LEAF.
FASTENED WITH
(1) #10 X 3/8" FH SELF DRILLING SCREW AT ONE END AND
(2) #10 X 1/2" FH SELF DRILLING SCREWS AT OTHER END



PANIC EXIT DEVICE
OPTION #1 OR #2

PANIC

OPTION #2:

CONCEALED VERTICAL ROD PANIC EXIT DEVICE BY 'REGENT HARDWARE' #5770 LOCATED AT 40" FROM SILL AT EACH LEAF.
FASTENED WITH
(1) #10 X 3/8" FH SELF DRILLING SCREW AT ONE END AND
(2) #10 X 1/2" FH SELF DRILLING SCREWS AT OTHER END

STANDARD

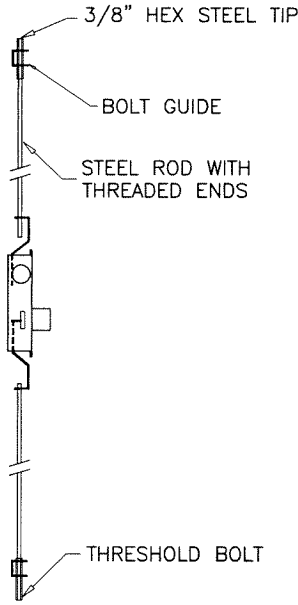
OPTION #3:

ACTIVE LEAF:

THREE POINT LOCK SYSTEM SERIES 2222 BY 'REGENT HARDWARE' KEY OPERATED FROM EXTERIOR AND THUMB TURN ON INTERIOR WITH CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF LOCK STILE LOCATED AT 34" FROM BOTTOM OF LEAF

INACTIVE LEAF:

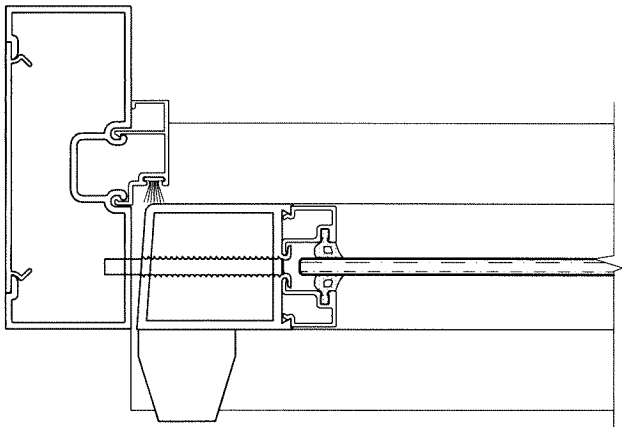
CONCEALED FLUSH BOLTS SERIES 2508 BY 'REGENT HARDWARE.' MANUALLY OPERATED LEVERS MOUNTED ON INSIDE FACE OF LEAF STILE LOCATED AT 10-3/4" FROM TOP AND BOTTOM
LOCK FASTENED TO STILE WITH (2) #10 X 3/8" FH SELF DRILLING SCREWS



HINGES:

OPTION #1:

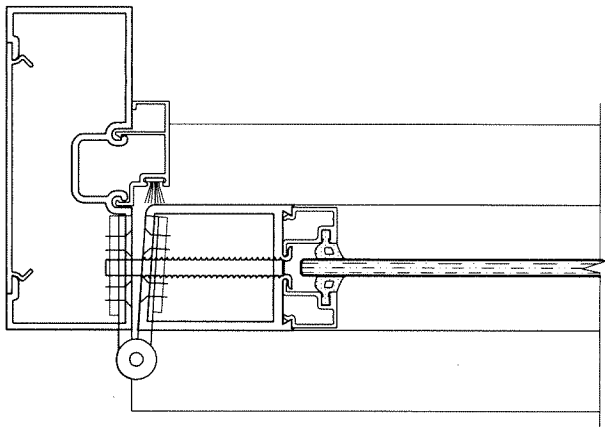
OFFSET PIVOT HINGES SERIES 4339 BY 'REGENT HARDWARE' AT TOP AND BOTTOM
FASTENED TO FRAME AND THRESHOLD WITH #12 X 3/4" FH THREAD CUTTING SCREWS,
(2) AT THRESHOLD, (2) AT JAMB BOTTOM
(3) AT FRAME HEAD



EXTERIOR

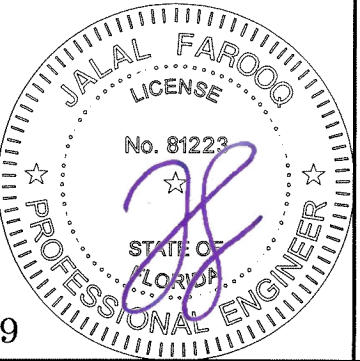
OPTION #2:

4" X 4-1/2" X .130" THK. ST. STEEL KNUCKLE HINGE SERIES 4001 BY 'REGENT HARDWARE' 3 PER LEAF
TOP/BOTTOM HINGES AT 11" FROM EACH END
CENTER HINGE AT MIDSPAN
HINGES FASTENED WITH #12 X 1/2" FH SCREWS



EXTERIOR

Sealed: 9/18/2026



FL #39839

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

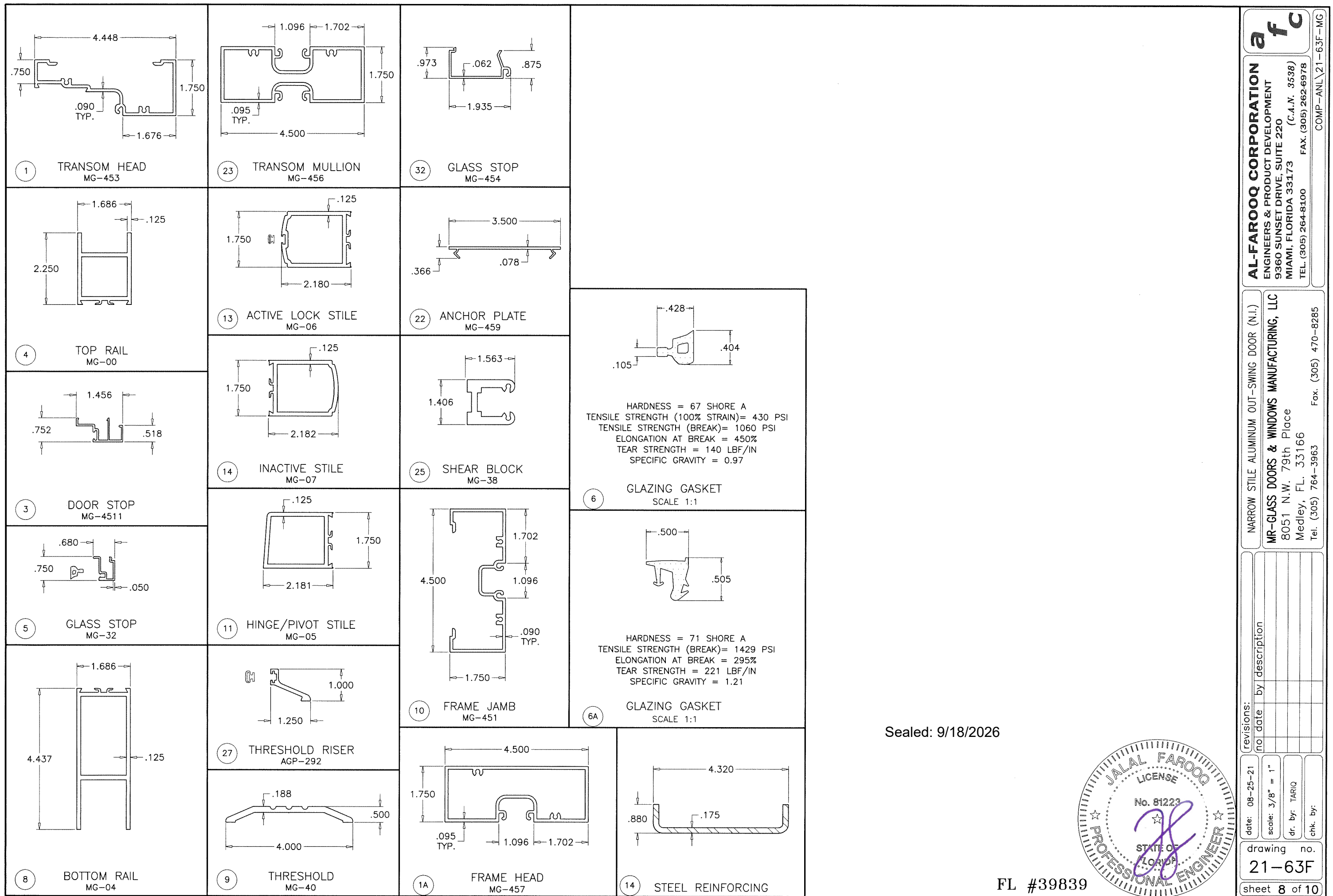
NARROW STILE ALUMINUM OUT-SWING DOOR (N.I.)
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL. 33166
Tel. (305) 764-3963 Fax. (305) 470-8285

revisions:	
no	description

date: 08-25-21	scale: 3/8" = 1"	dr. by: TARIQ	chk. by:
----------------	------------------	---------------	----------

drawing no.
21-63F
sheet 7 of 10

COMP-ANL\21-63F-MG



Sealed: 9/18/2026



FL #39839

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\21-63F-MG

NARROW STILE ALUMINUM OUT-SWING DOOR (N.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	description

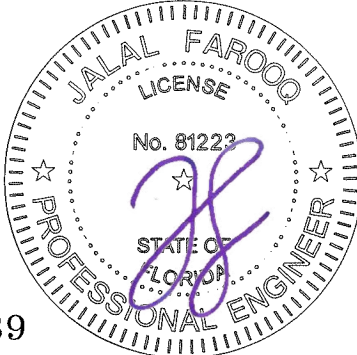
date: 08-25-21	scale: 3/8" = 1"	dr. by: TARIQ	chk. by:
drawing no. 21-63F			
sheet 8 of 10			

ITEM NO.	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPLIER/REMARKS
1	MG-453	1	TRANSOM HEAD	6063-T6	-
1A	MG-457	-	FRAME HEAD	6063-T6	-
2	5506	1	HORIZONTAL	6063-T6	-
3	MG-4511	AS REQD.	DOOR STOP	6063-T6	-
4	MG-00	1/ LEAF	TOP RAIL	6063-T6	-
5	MG-32	AS REQD.	GLASS STOP	6063-T6	-
6	WV3294	AS REQD.	GLAZING GASKET	SANTOPRENE	ULTRAFAB
6A	2028	AS REQD.	GLAZING GASKET	NEOPRENE	CAROLINA CUSTOM RUBBER
7	W31325MG	AS REQD.	ULTRAFIN PILE W'STRIPPING	WOOL	ULTRAFAB
8	MG-04	1/ LEAF	BOTTOM RAIL	6063-T6	-
9	MG-40	1	THRESHOLD	6063-T6	-
10	MG-451	2	OPEN BACK JAMB	6063-T6	-
11	MG-05	AS REQD.	HINGE OR PIVOT STILE	-	-
12	20240	1/ LEAF	FIX STILE (INACTIVE PANEL)	6063-T6	-
13	MG-06	1/ LEAF	LOCK STILE (ACTIVE PANEL)	6063-T6	-
14	-	1	REINFORCING CHANNEL	STEEL	ASTM A36, Fy 36 KSI
15	10741	-	PUSH BAR (OPTIONAL)	6063-T6	-
16	AGP-123	AS REQD.	HANDLE	6063-T6	-
17	14234	2/ LEAF	RESTRAINING PINS (2-1/2" X 1/4")	STEEL	-
18	30708	1/ LEAF	TOP FRAME OFFSET PIVOT	-	-
19	30709	1/ LEAF	TOP DOOR OFFSET PIVOT	-	-
20	30710	1/ LEAF	BOTTOM DOOR OFFSET PIVOT	-	-
21	30711	1/ LEAF	THRESHOLD OFFSET PIVOT	-	-
22	MG-459	AS REQD.	ANCHOR PLATE, 3" LONG AT ANCHORS	6063-T6	-
23	MG-456	1	TRANSOM MULLION	6063-T6	-
25	MG-38	-	SHEAR BLOCK	6063-T6	-
26	WV3294	AS REQD.	BULB W'STRIPPING	VINYL	DUROMETER 70±5
27	AGP-292	AS REQD.	OPTIONAL THRESHOLD RISER	6063-T6	-
27A	-	AS REQD.	OPTIONAL DOOR BOTTOM SWEEP	ALUM/VINYL	-
28	-	2/LITE	SETTING BLOCK, 1/8" X 1/2" X 1/2" LONG, AT 5" FROM EACH END	NEOPRENE	C.R. LAURENCE, DUROMETER 80±5
28A	-	2/LITE	SETTING BLOCK, 1/2" X 3/8" X 2" LONG, AT 9" FROM EACH END	NEOPRENE	C.R. LAURENCE, DUROMETER 80±5
29	#10 X 1-1/2"	2/ CORNER	ASSEMBLY SCREWS (PH SELF DRILLING)	-	GRADE 4 CRS, Fu=92 KSI, Fy=120 KSI
30	4339	2/ LEAF	PIVOT HINGES	-	REGENT HARDWARE
31	4001	3/ LEAF	BUTT HINGES	ST. STEEL	REGENT HARDWARE
32	MG-454	-	GLAZING STOP	6063-T6	-

SEALANTS:

ALL FRAME CORNERS, JOINTS, MULLION SEAMS AND PERIMETER OF GLAZING BEAD TO FRAME TO BE SEALED WITH DOW CORNING 795 SEALANT.

Sealed: 9/18/2026



FL #39839

af c

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)

NARROW STILE ALUMINUM OUT-SWING DOOR (N.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: 08-25-21
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:

drawing no.
21-63F
sheet 9 of 10

