

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 2020 (7TH EDITION)/2023 (8TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

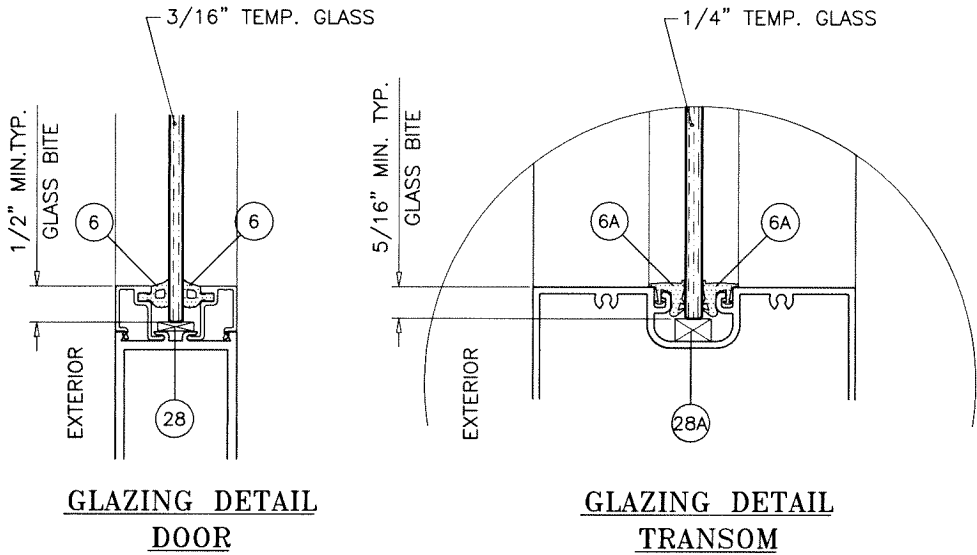
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2020/2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

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

DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

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



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.

Sealed: 7/21/2023

FL #39839

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.

- 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.



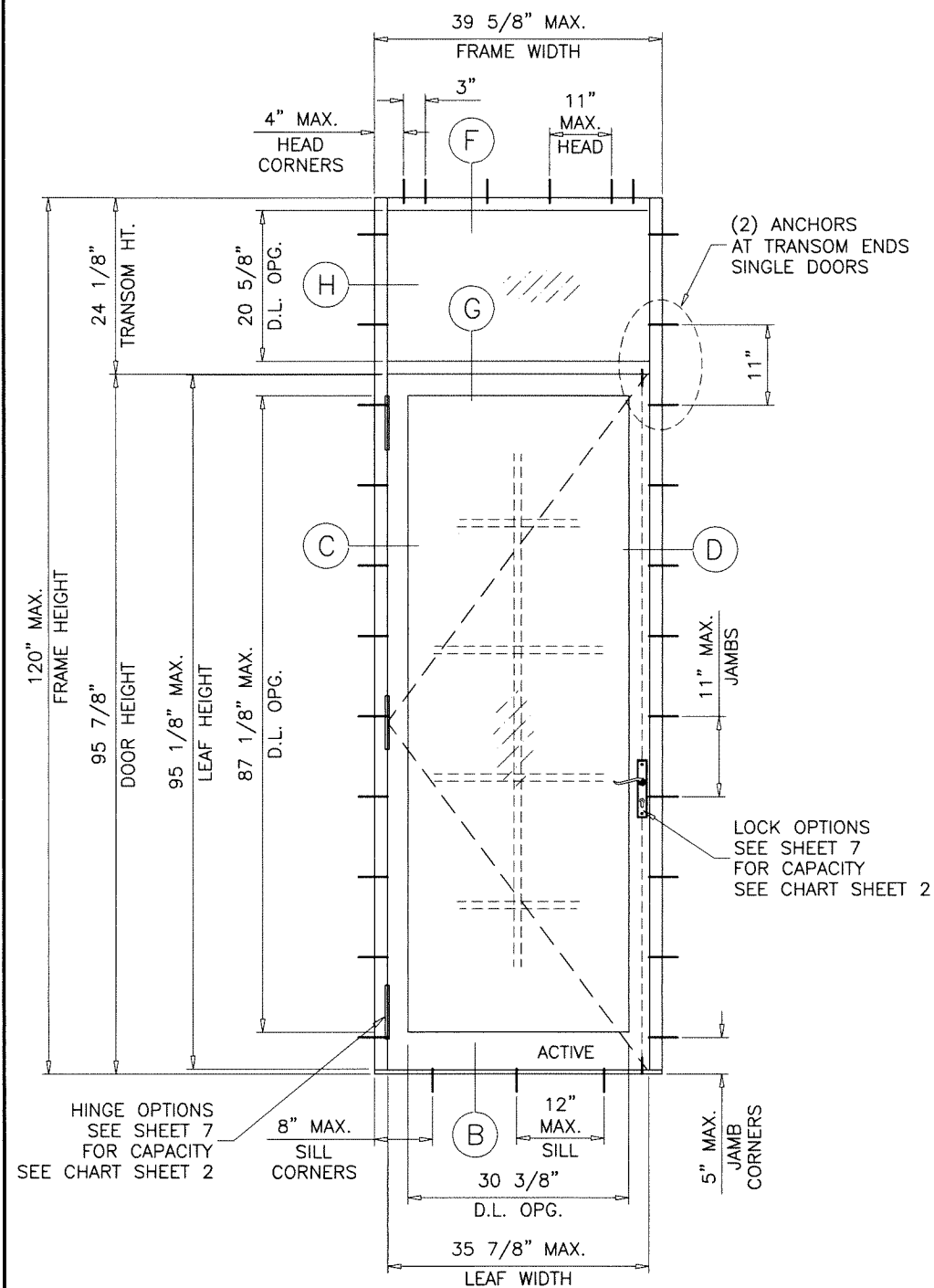
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\21-63F-MG

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

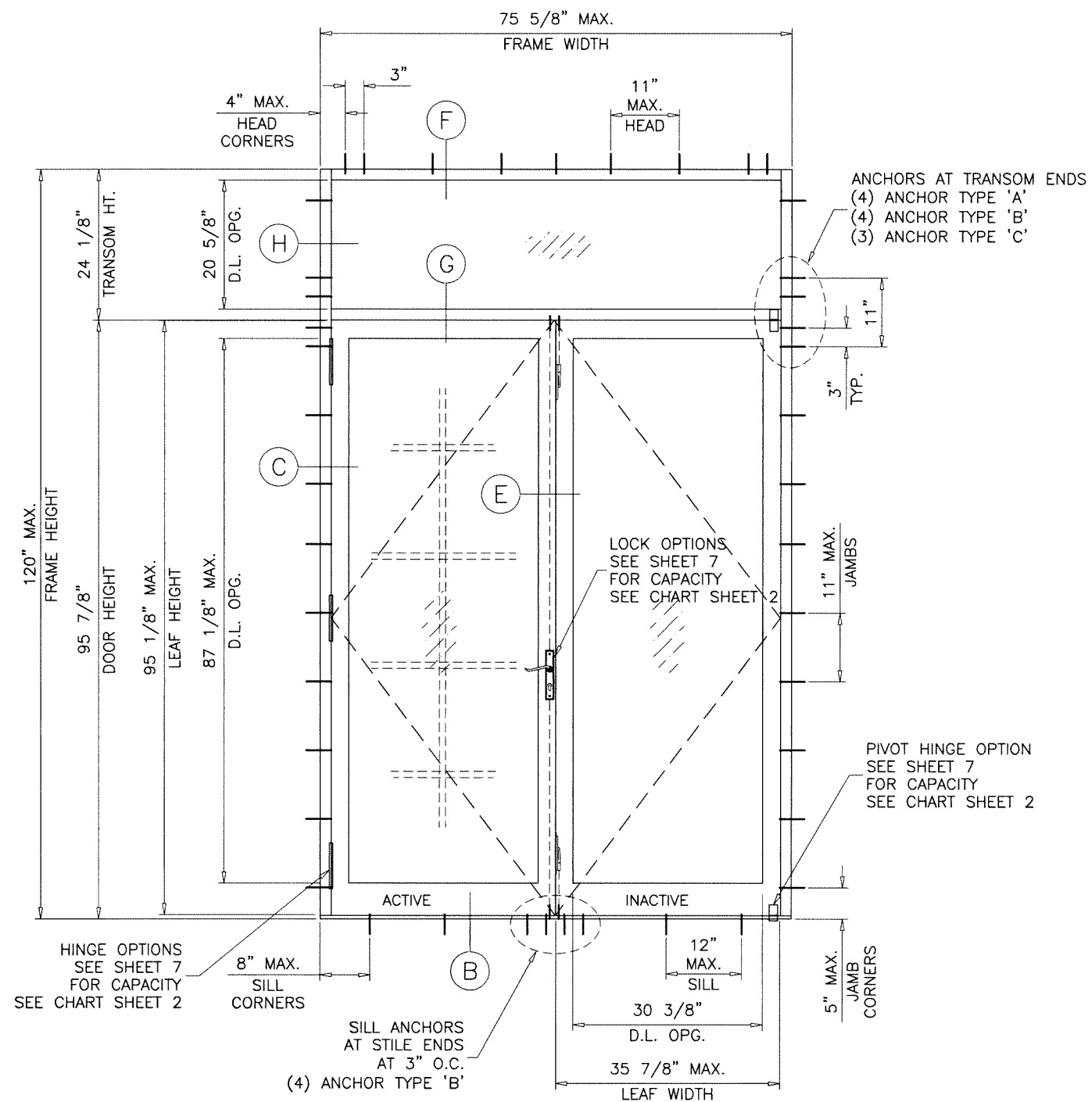
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	A	07.18.23		UPDATED TO 2023 FBC

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

drawing no.	21-63F
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(O/X)



(O/XX)

GLASS D.L.O. DIMS.

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

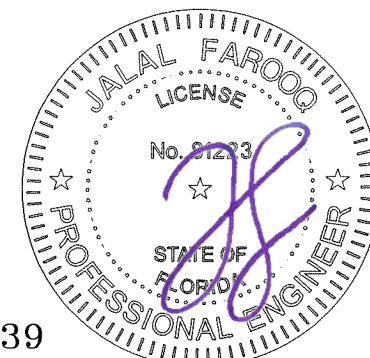
D.L.O. WIDTH (X DOORS) = FRAME WIDTH - 9.250"

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

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

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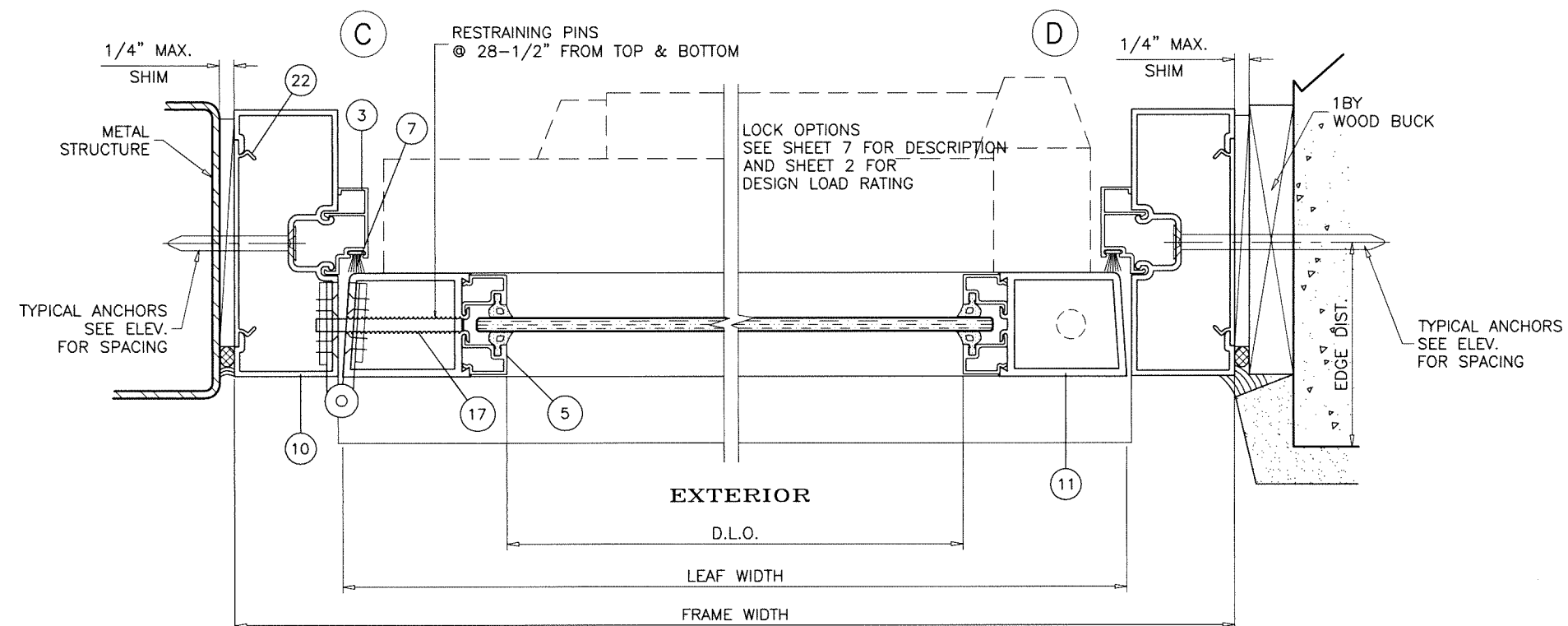
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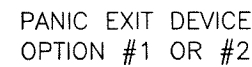
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OPTION #1:

(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



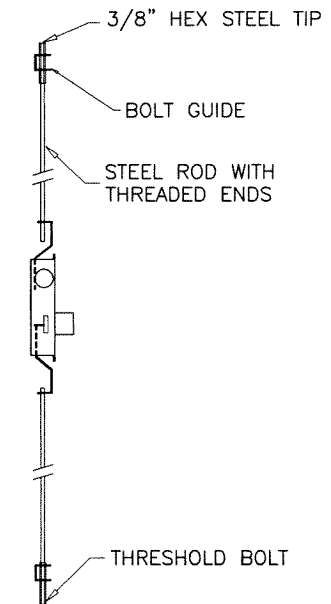
OPTION #2:

(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

ACTIVE LEAF:

INACTIVE LEAF:

LOCK FASTENED TO STILE WITH (2) #10 X 3/8" FH SELF DRILLING
SCREWS



OPTION #1:

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



OPTION #2:

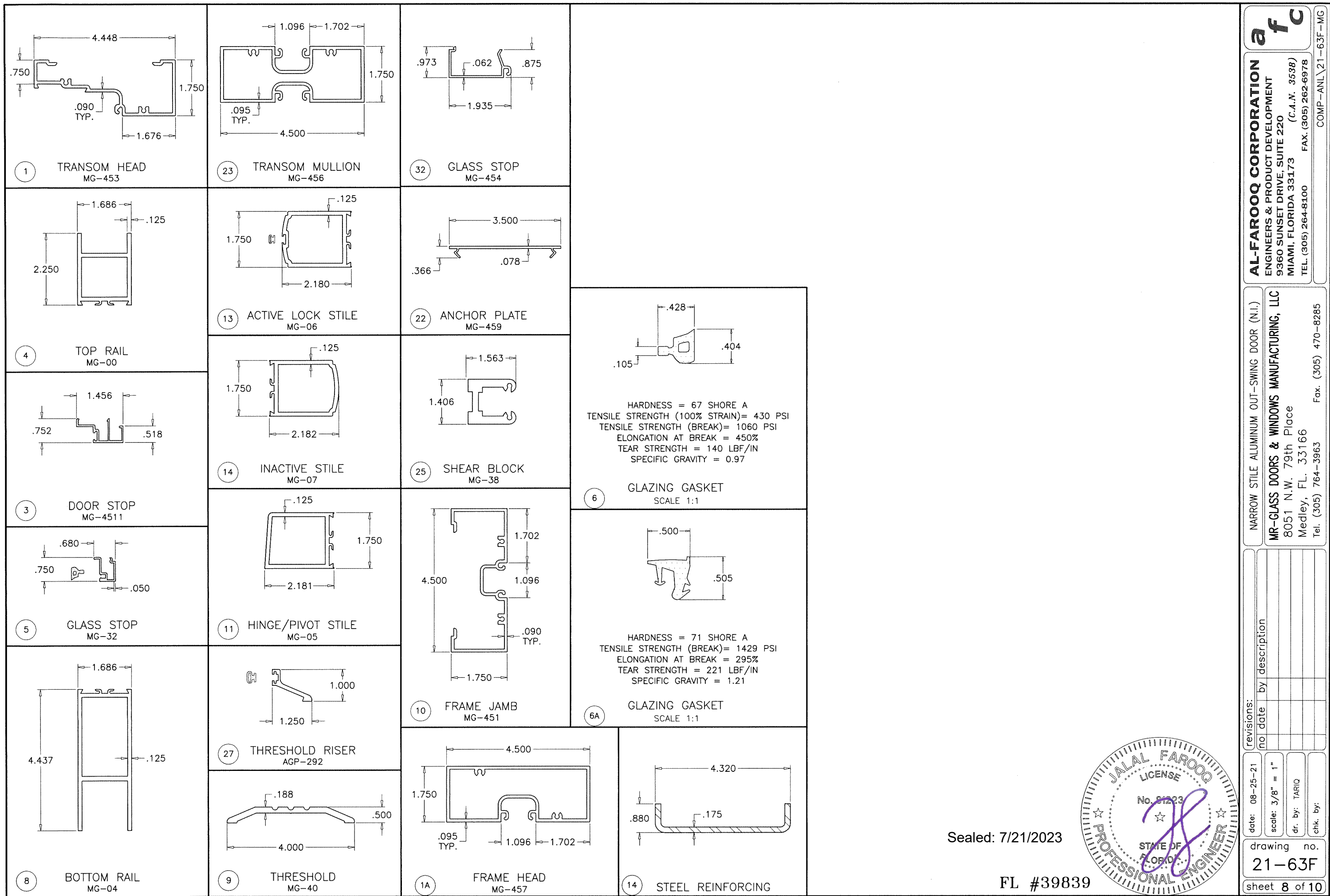
4" X 4-1/2" X .130" THK. ST. STEEL KNUCKLE HINGE
SERIES 4001 BY 'REGENT HARDWARE' 3 PER LEAF
TOP/BOTTOM HINGES AT 11" FROM EACH END
CENTER HINGE AT MIDSPAN
HINGES FASTENED WITH #12 X 1/2" FH SCREWS



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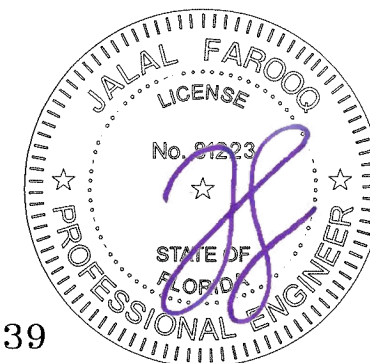


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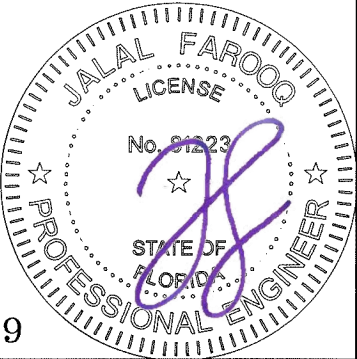
ITEM NO.	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPLIER/REMARKS
1	MG-453	1	TRANSOM HEAD	6063-T6	-
1A	MG-457	-	FRAME HEAD	6063-T6	-
2	5506	1	HORIZONTAL	6063-T6	-
3	MG-4511	AS REQD.	DOOR STOP	6063-T6	-
4	MG-00	1/ LEAF	TOP RAIL	6063-T6	-
5	MG-32	AS REQD.	GLASS STOP	6063-T6	-
6	WV3294	AS REQD.	GLAZING 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.

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