Product Approval
USER: Public User

FL #	FL39839-R1
Application Type	Revision
Code Version	2023
Application Status	Approved
Comments	
Archived	☐
Product Manufacturer	Mr-Glass Doors & Windows Manufacturing, LLC
Address/Phone/Email	8051 NW 79th Place Medley, FL 33166 (305) 470-8284 ulises@mrglasswindows.com
Authorized Signature	Ulises Senaris ulises@mrglasswindows.com
Technical Representative	Augusto Arias
Address/Phone/Email	8120 NW 84th St Medley, FL 33166 (305) 470-8284 aarias@mrglasswindows.com
Quality Assurance Representative	
Address/Phone/Email	
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	Keystone Certifications, Inc.
Quality Assurance Contract Expiration Date	04/30/2035
Validated By	Abel Carrasco, PE ☑ Validation Checklist - Hardcopy Received
Certificate of Independence	FL39839_R1_COI_SS - Certificate of Independence 2023.pdf

Referenced Standard and Year (of Standard)

Standard	Year
TAS 202	1994

Equivalence of Product Standards Certified By

Sections from the Code

Product Approval Method	Method 1 Option D
Date Submitted	07/21/2023
Date Validated	07/22/2023
Date Pending FBC Approval	07/28/2023
Date Approved	10/18/2023

Summary of Products

FL #	Model, Number or Name	Description
39839.1	MG-275 Narrow Outswing (NS) 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:** +65/-75 **Other:** See drawing 21-63F for span vs load combination and installation details.		**Installation Instructions** FL39839_R1_II_SS - MG-275 OS Narrow Dr (NI) DWG 21-63F 2023.pdf Verified By: Jalal Farooq PE # 81223 Created by Independent Third Party: Yes **Evaluation Reports** FL39839_R1_AE_SS - MG275 Narrow Dr (NI) - PAE 2023.pdf Created by Independent Third Party: Yes

Back Next

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Product Approval Accepts:

Credit Card Safe securityMETRICS

AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

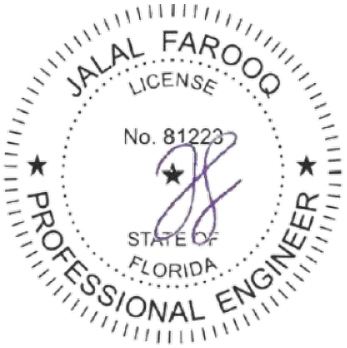
January 23, 2023

Product Approval Administrator
Building Codes & Standards Section
Department of Business & Professional Regulations
1940 North Monroe Street, Suite 90
Tallahassee, FL 32399-2100

To whom it may concern,

As the design engineer retained to prepare the product approval(s) associated with this letter as shown below on this same web page, I do hereby declare that I do not have and will not have any financial interest in any company manufacturing or distributing the referenced product(s), nor do I have or will have any financial interest with any other entity involved in the approval process of the referenced product(s).

Sincerely,



Jalal Farooq, P.E.
CFO

Sealed: 1/23/2023

9360 Sunset Drive, Suite 220 | Miami, FL 33173 | T: 305.264.8100 | F: 305.262.6978 | www.afceng.com | alfarooq@afceng.com

AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 39839
Date: 07/20/2023

Detailed Product Description:

Manufacturer: MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC.

Manufacturer Address: 8051 NW 79th PLACE, MEDLEY, FL 33166

Model Name: MG-275 NARROW OUTSWING (NS) ENTRANCE DOOR

Maximum Load: +65 PSF, -75 PSF (NON-IMPACT)

Installation Drawings # 21-63F

This product does not comply 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 __X__ No

Mandatory Tests (Tested in accordance with AAMA 101/I.S.2/NAFS/TAS-202)

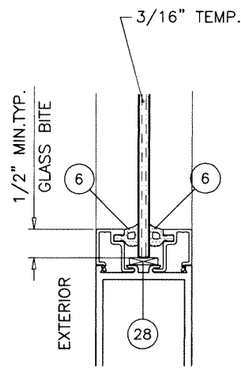
TEST	DESCRIPTION	TEST LOCATION	TEST REPORT DATE	TEST REPORT #	Test Sealed by
ASTM E283	Air Infiltration Leakage	Hurricane Engineering & Testing, Inc.	09/21/2011 05/06/2010 05/06/2010 05/06/2010	HETI-09-2547 HETI-09-2548 HETI-09-2549 HETI-09-2550	Rafael E. Droz-Seda, PE Candido F. Font, PE Candido F. Font, PE Candido F. Font, PE
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Hurricane Engineering & Testing, Inc.	09/21/2011 05/06/2010 05/06/2010 05/06/2010	HETI-09-2547 HETI-09-2548 HETI-09-2549 HETI-09-2550	Rafael E. Droz-Seda, PE Candido F. Font, PE Candido F. Font, PE Candido F. Font, PE
ASTM E330 & TAS 202	Uniform Static Air Press.	Hurricane Engineering & Testing, Inc.	09/21/2011 05/06/2010 05/06/2010 05/06/2010	HETI-09-2547 HETI-09-2548 HETI-09-2549 HETI-09-2550	Rafael E. Droz-Seda, PE Candido F. Font, PE Candido F. Font, PE Candido F. Font, PE
AAMA 1304	Forced Entry Test	Hurricane Engineering & Testing, Inc.	09/21/2011 05/06/2010 05/06/2010 05/06/2010	HETI-09-2547 HETI-09-2548 HETI-09-2549 HETI-09-2550	Rafael E. Droz-Seda, PE Candido F. Font, PE Candido F. Font, PE Candido F. Font, 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.

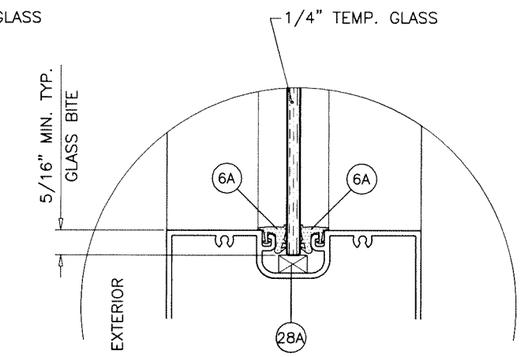
Evaluation Report Engineer:

Jalal Farooq PE # 81223
Al-Farooq Corporation EB # 3538

Sealed: 7/21/2023



GLAZING DETAIL
DOOR



GLAZING DETAIL
TRANSOM

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.

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.

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

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.

JALAL FAROOQ
LICENSE
No. 81223
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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	date	by	description
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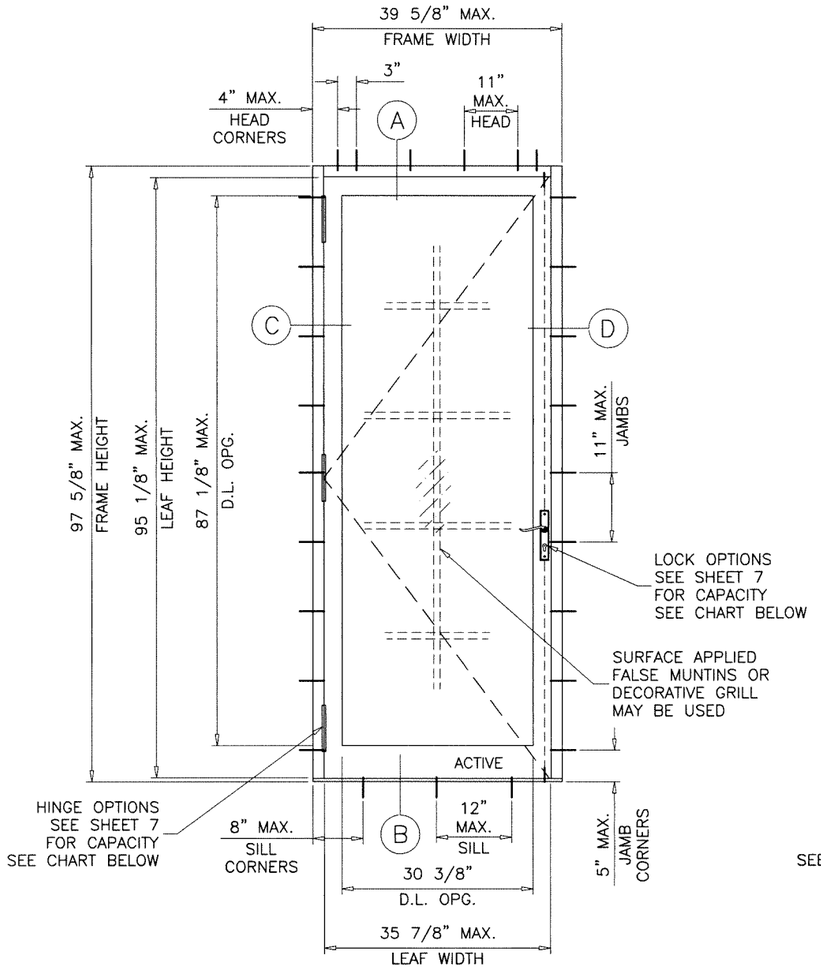
dr. by: TARIQ
chk. by:

drawing no. 21-63F

sheet 1 of 10



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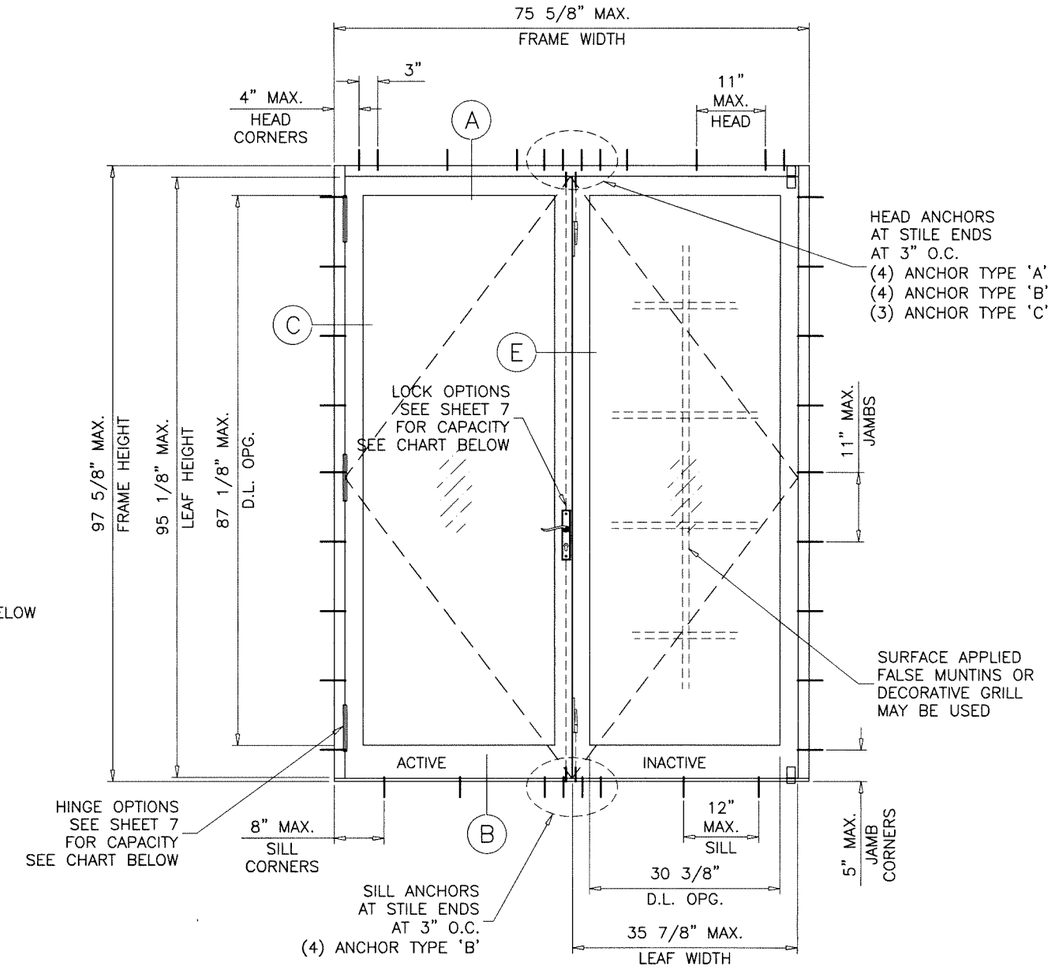

(XX)

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 E1300–09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05–DEC–219

Sealed: 7/21/2023

FL #39839

JALAL FAROOQ
LICENSE
No. 61223
STATE OF FLORIDA
PROFESSIONAL ENGINEER

AL-FAROOQ CORPORATION
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COMP–ANL\21–63F–MG

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revisions:			
no	date	by	description

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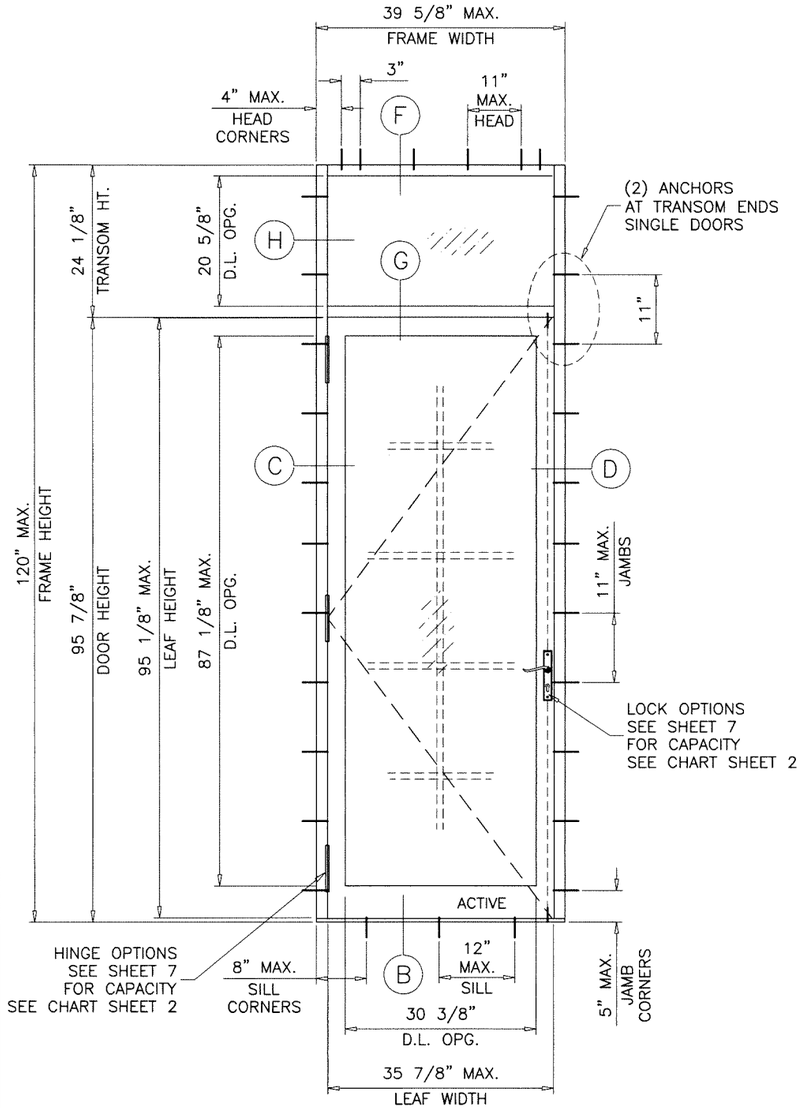
chk. by:

drawing no.
21–63F



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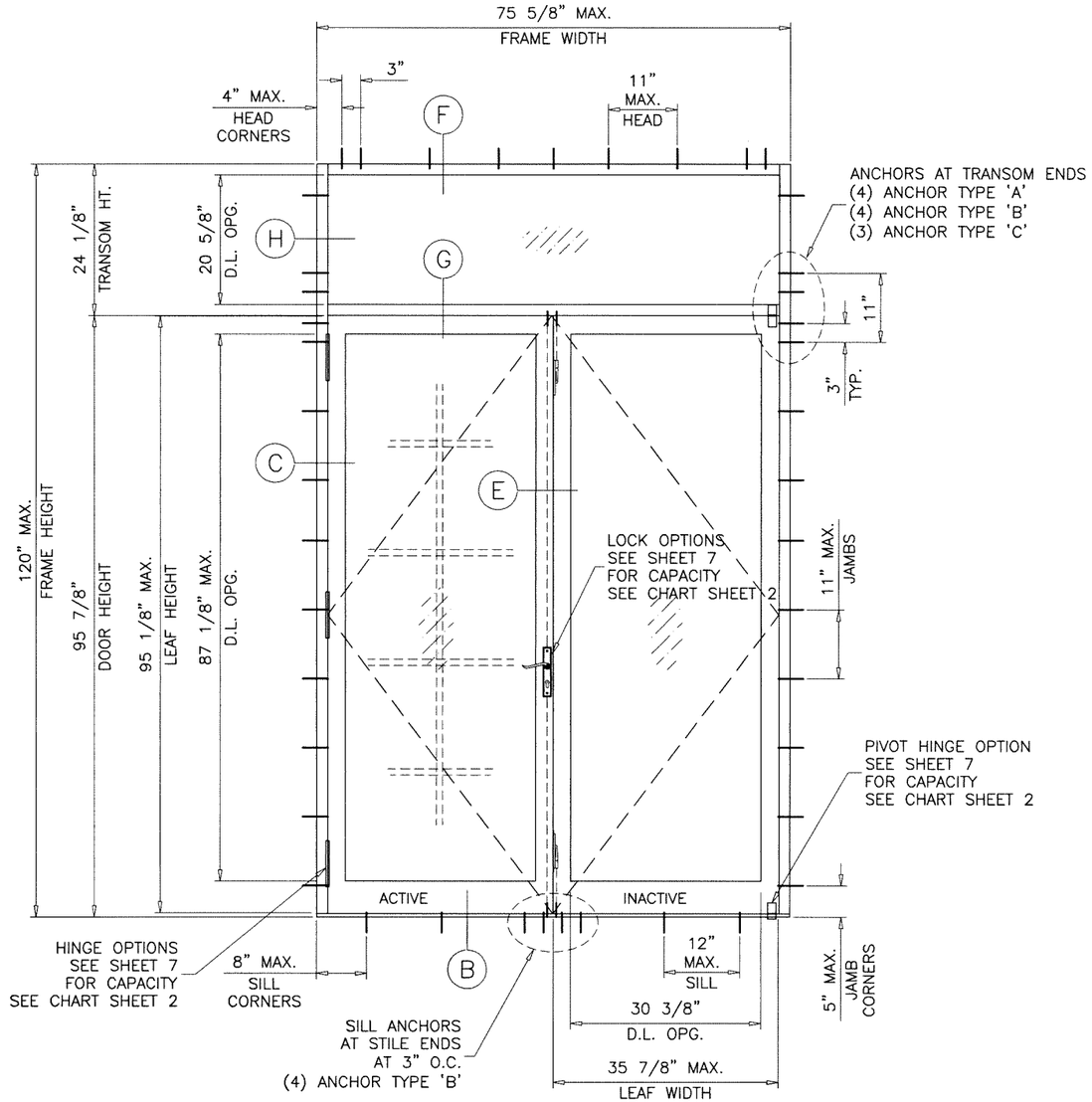

(O/XX)

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.

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

Sealed: 7/21/2023

FL #39839

JALAL FAROOQ LICENSE No. 81233 STATE OF FLORIDA PROFESSIONAL ENGINEER

afc
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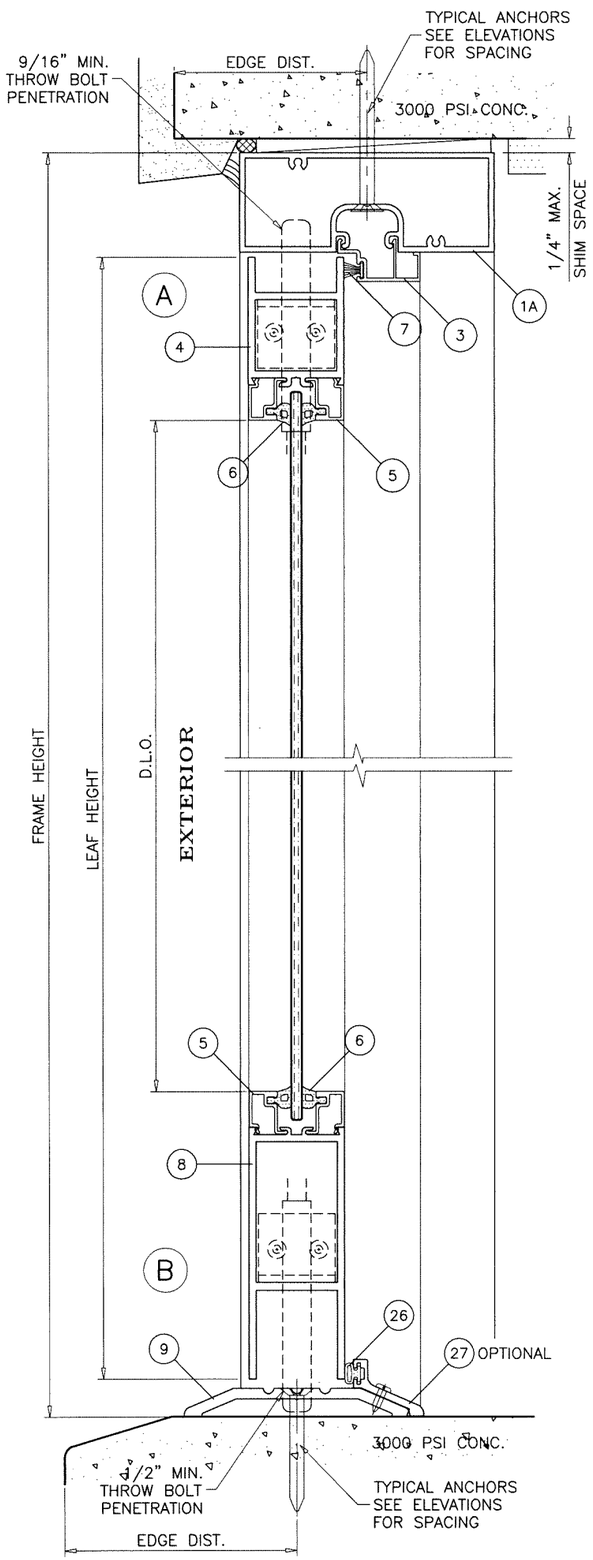
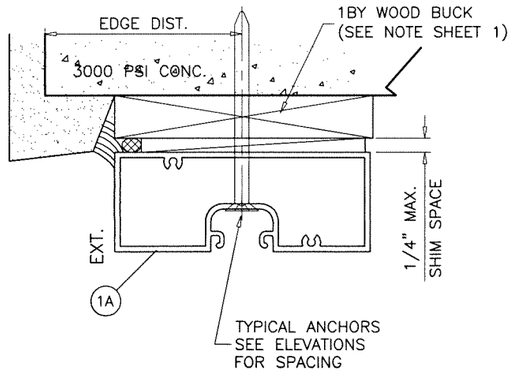
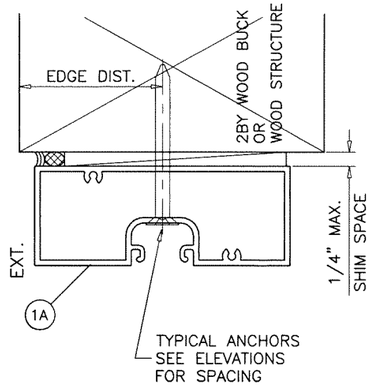
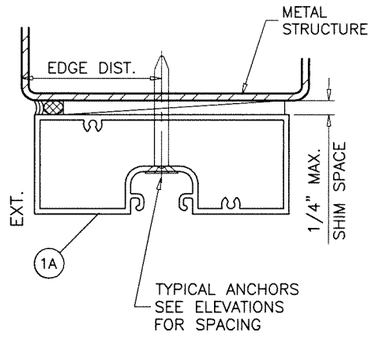








WOOD BUCKS AND METAL STRUCTURE NOT BY 'MR-GLASS' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

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.

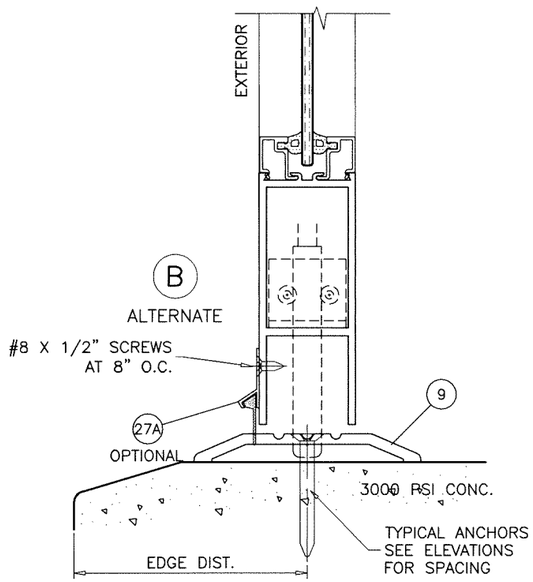
TYPE 'C'– #14 SMS OR SELF-DRILLING SCREWS (GRADE 2 CRS)
INTO F.B.C. APPROVED MULLIONS
AND
INTO METAL STRUCTURES (HEAD/SILL/JAMBS)
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED 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.

Sealed: 7/21/2023

FL #39839



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COMP-ANL\21-63F-MG

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revisions:

no	date	by	description

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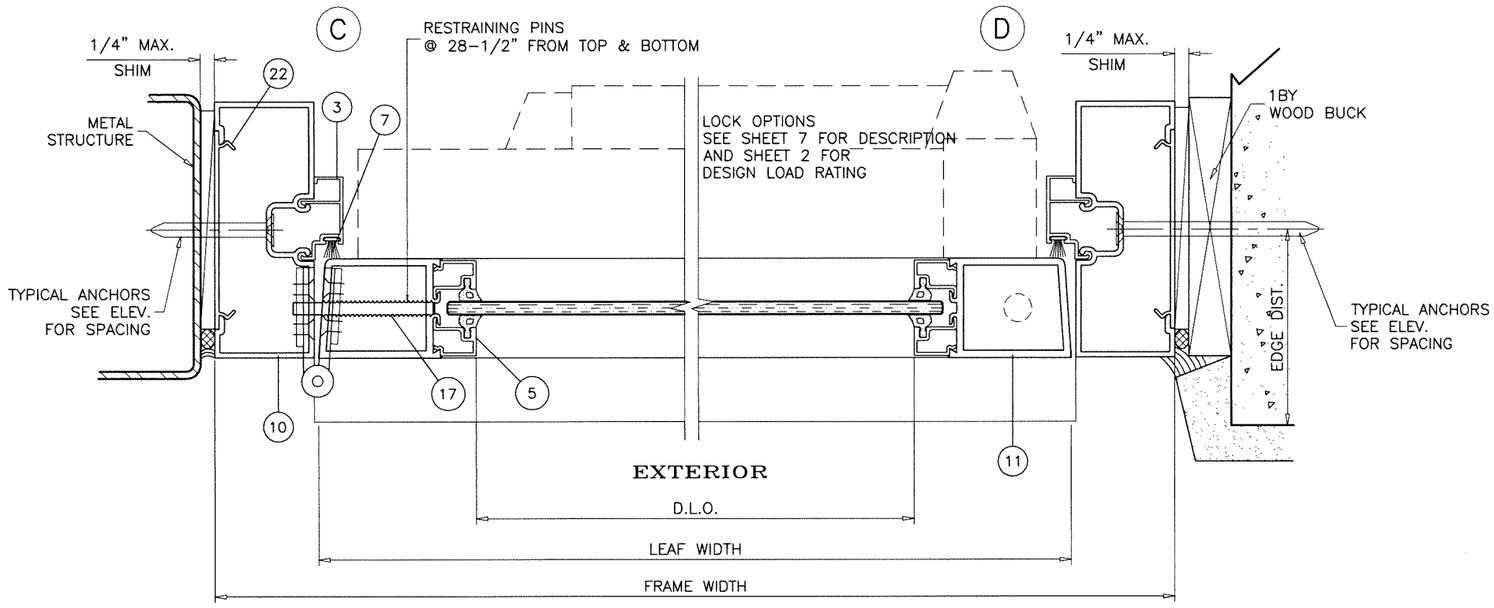
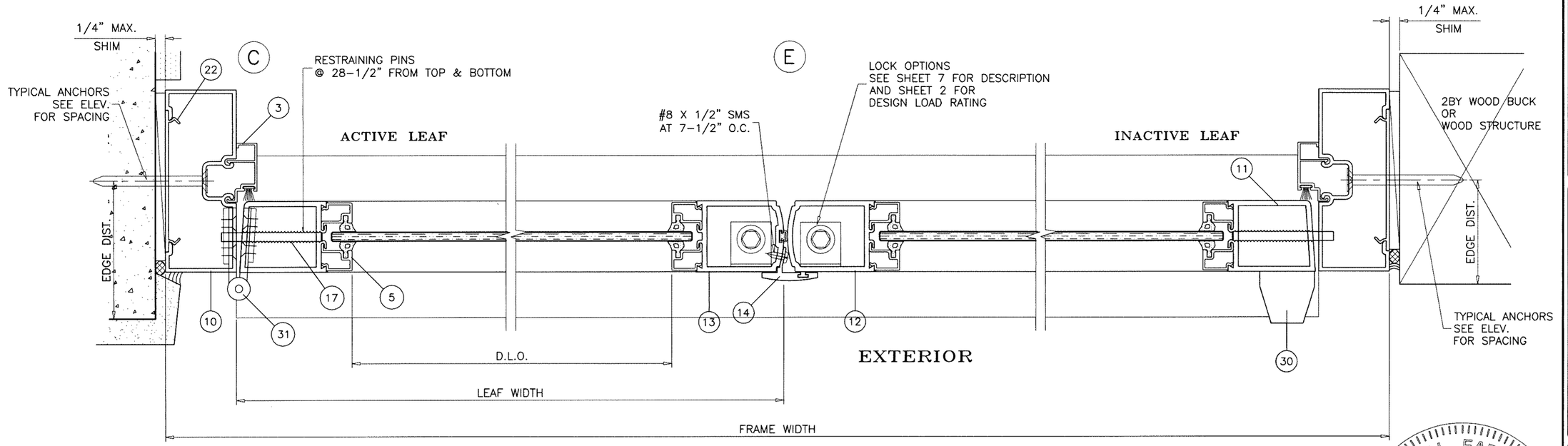
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:

drawing no. 21-63F

sheet 4 of 10





DOOR DETAILS

Sealed: 7/21/2023

FL #39839

JALAL FAROOQ LICENSE No. 61223 STATE OF FLORIDA PROFESSIONAL ENGINEER

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
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COMP-ANL\21-63F-MG

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revisions:

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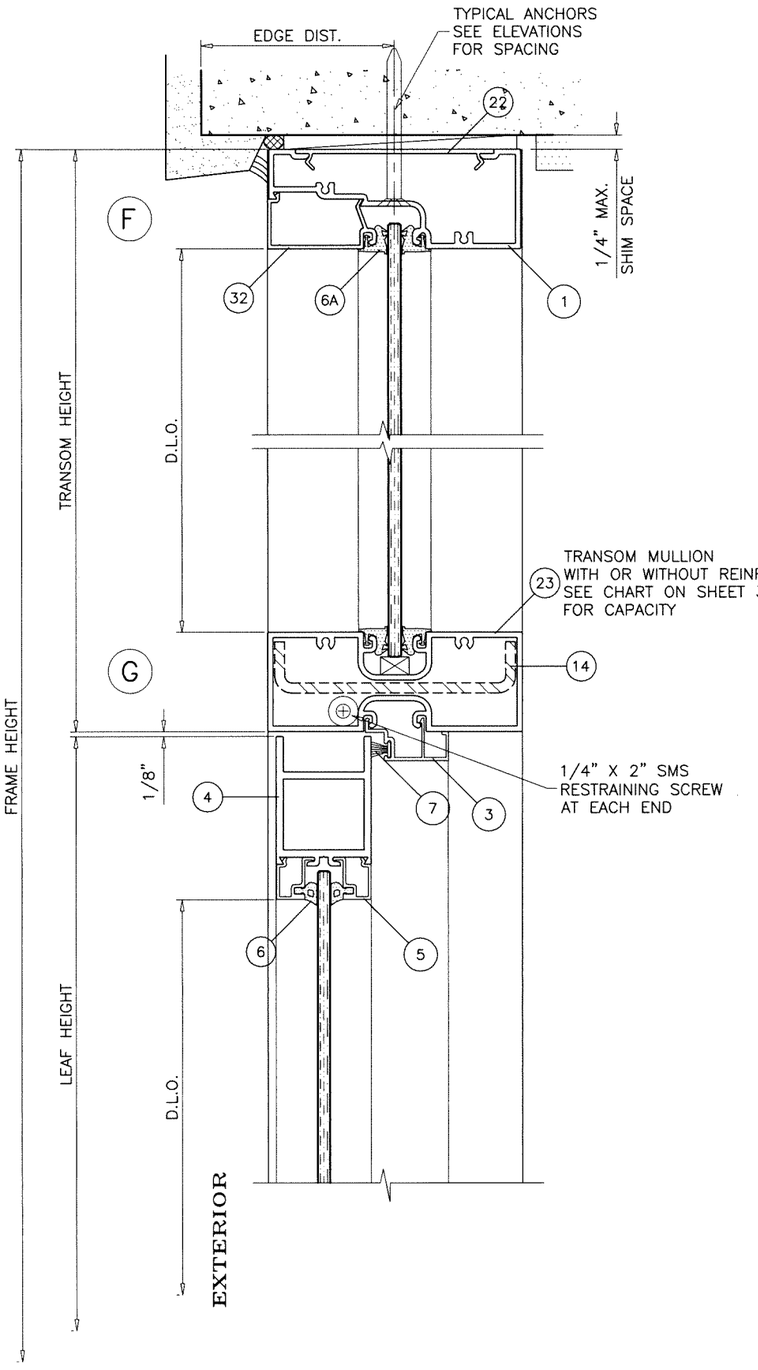
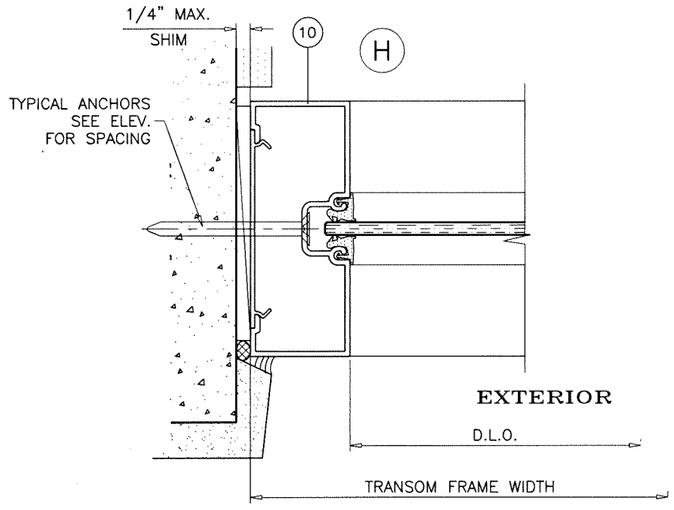
sheet 5 of 10





TRANSOM DETAILS

Sealed: 7/21/2023

FL #39839

JALAL FAROOQ LICENSE No. 61223 STATE OF FLORIDA PROFESSIONAL ENGINEER

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	date	by	description

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

drawing no. 21-63F

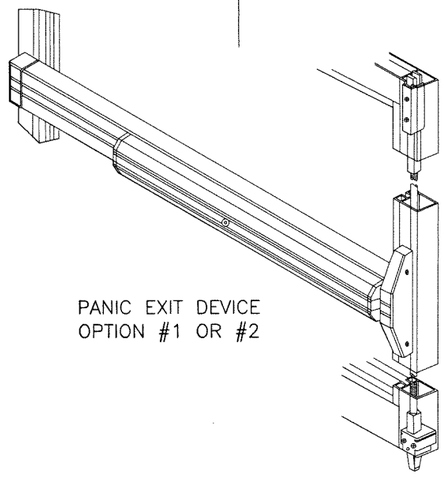
LOCKS:

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
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



PANIC EXIT DEVICE
OPTION #1 OR #2

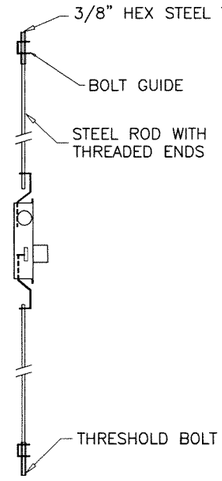
STANDARD
OPTION #3:

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:

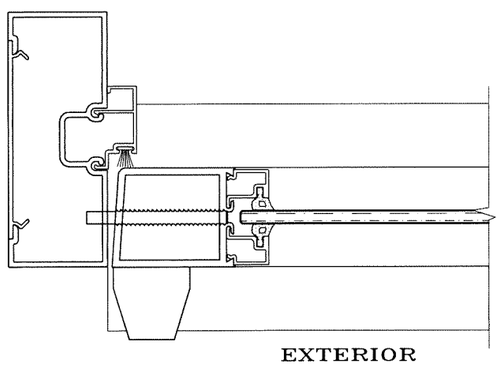
CONCEALED FLUSH BOLTS SERIES 2508 BY 'REGENT HARDWARE.'
MANUALLY OPERATED LEVERS MOUNTED ON
INSIDE FACE OF LEAF STILE LOCATED AT
10-3/4" FROM TOP AND BOTTOM
LOCK FASTENED TO STILE WITH (2) #10 X 3/8" FH SELF DRILLING
SCREWS



HINGES:

OPTION #1:

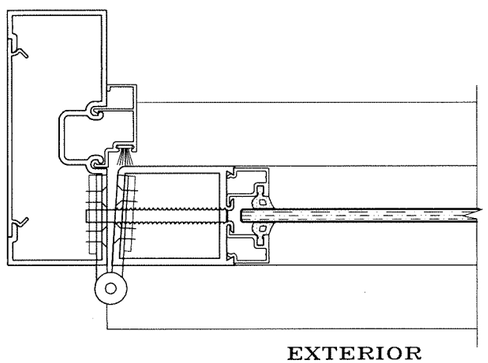
OFFSET PIVOT HINGES SERIES 4339 BY 'REGENT HARDWARE'
AT TOP AND BOTTOM
FASTENED TO FRAME AND THRESHOLD WITH
#12 X 3/4" FH THREAD CUTTING SCREWS,
(2) AT THRESHOLD, (2) AT JAMB BOTTOM
(3) AT FRAME HEAD



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

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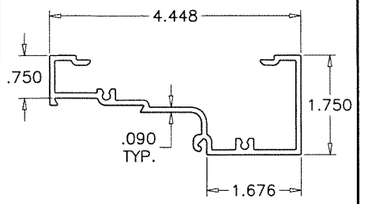
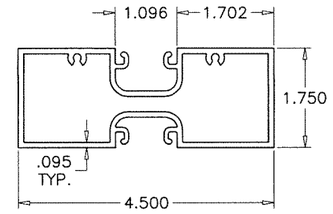
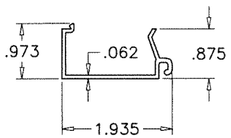


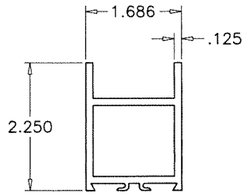
(1) TRANSOM HEAD
MG-453



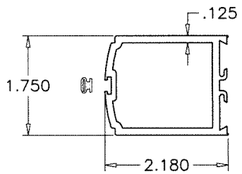
(23) TRANSOM MULLION
MG-456



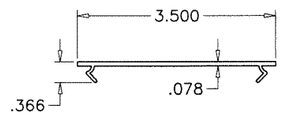
(32) GLASS STOP
MG-454



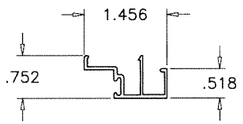
(4) TOP RAIL
MG-00



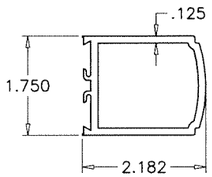
(13) ACTIVE LOCK STILE
MG-06



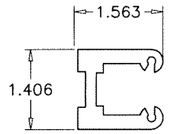
(22) ANCHOR PLATE
MG-459



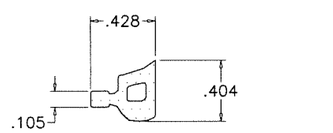
(3) DOOR STOP
MG-4511



(14) INACTIVE STILE
MG-07

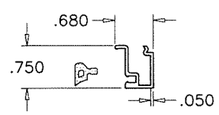


(25) SHEAR BLOCK
MG-38

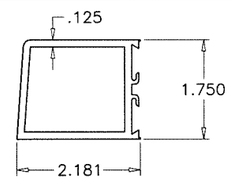


HARDNESS = 67 SHORE A
TENSILE STRENGTH (100% STRAIN)= 430 PSI
TENSILE STRENGTH (BREAK)= 1060 PSI
ELONGATION AT BREAK = 450%
TEAR STRENGTH = 140 LBF/IN
SPECIFIC GRAVITY = 0.97

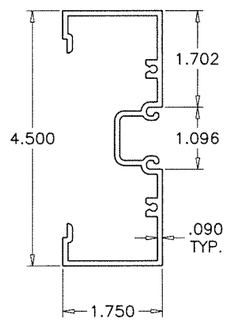
(6) GLAZING GASKET
SCALE 1:1



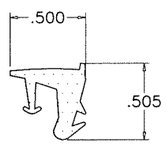
(5) GLASS STOP
MG-32



(11) HINGE/PIVOT STILE
MG-05

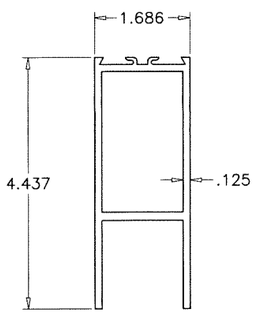


(10) FRAME JAMB
MG-451

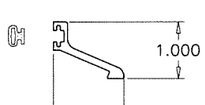


HARDNESS = 71 SHORE A
TENSILE STRENGTH (BREAK)= 1429 PSI
ELONGATION AT BREAK = 295%
TEAR STRENGTH = 221 LBF/IN
SPECIFIC GRAVITY = 1.21

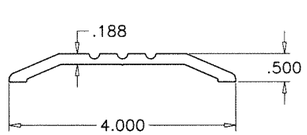
(6A) GLAZING GASKET
SCALE 1:1



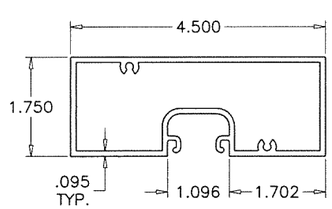
(8) BOTTOM RAIL
MG-04



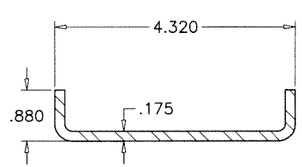
(27) THRESHOLD RISER
AGP-292



(9) THRESHOLD
MG-40



(1A) FRAME HEAD
MG-457



(14) STEEL REINFORCING

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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.

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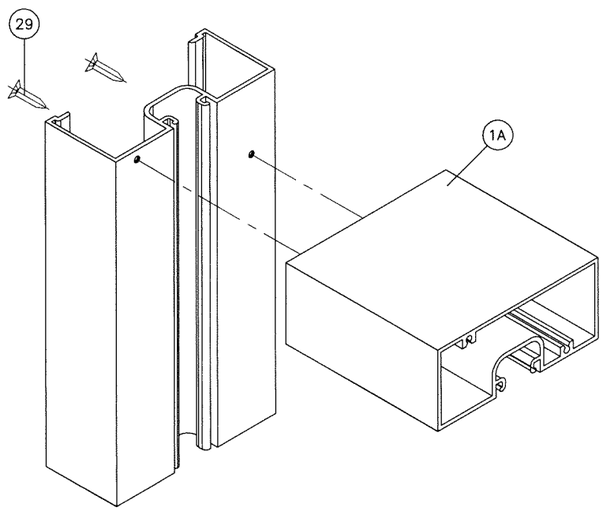
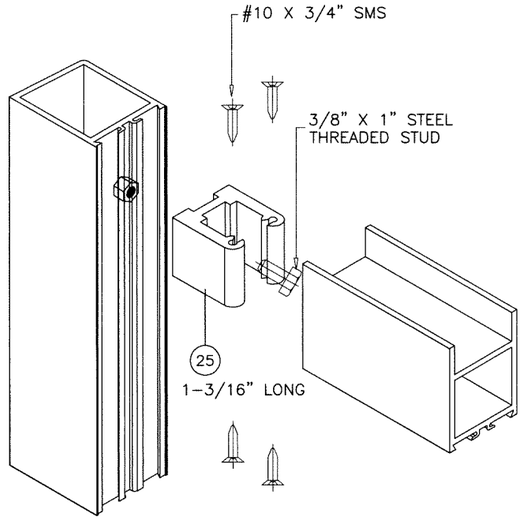
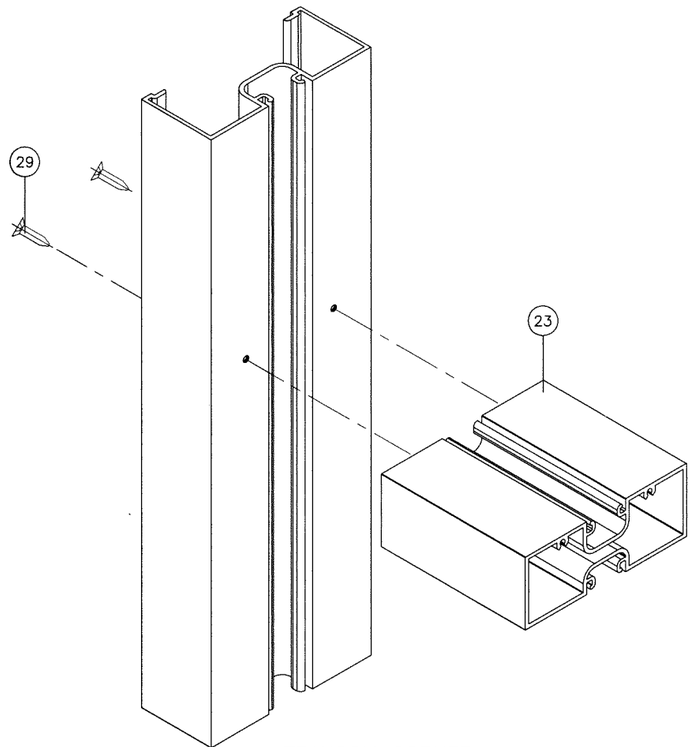


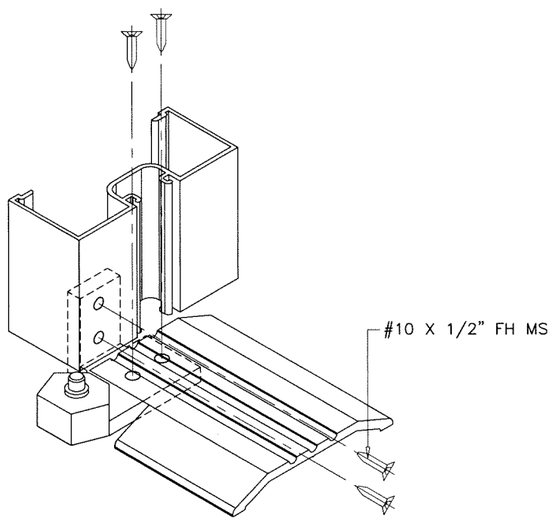
FRAME UPPER CORNER



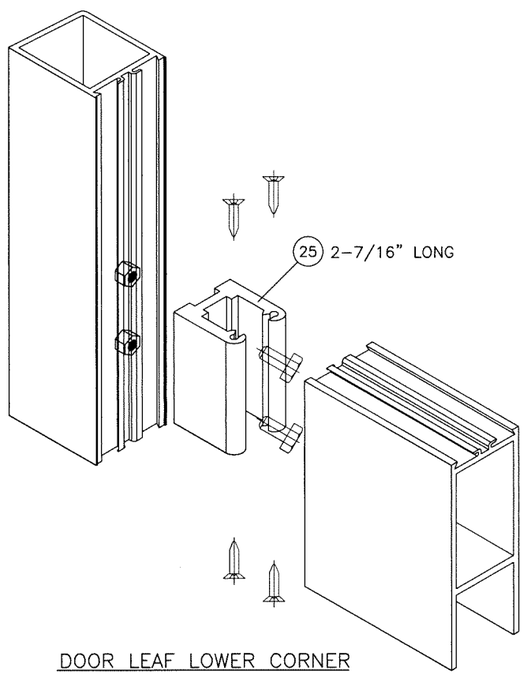
DOOR LEAF UPPER CORNER



TRANSOM CORNER



FRAME LOWER CORNER



DOOR LEAF LOWER CORNER

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