

# AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 26942  
Date: 04/17/2018

**Detailed Product Description:**

**Manufacturer:** MR. GLASS DOORS & WINDOWS, INC.  
**Manufacturer Address:** 8120 N.W. 84 STREET. MEDLEY, FL 33166  
**Model Name:** SERIES 3000 ALUMINUM OUTSWING ENTRANCE DOOR  
**Maximum Frame Width:** 40-1/2"(X), 78-1/2"(XX), 42"(O)  
**Maximum Frame Height:** 98"  
**Maximum Load:** +80 PSF, -80 PSF (Large Missile Impact)  
**Installation Drawings #** 18-36F

This product complies with the High Velocity Hurricane Zone (HVHZ) testing requirements.

The above maximum parameters do not occur simultaneously.  
See charts on installation drawings for combinations of span vs. load.

Comparative analysis used  X  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	Hurricane Engineering & Testing, Inc	2/13/2018 2/13/2018	HETI-18-6004 HETI-18-6011	Rafael E. Droz-Seda, P.E.
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Hurricane Engineering & Testing, Inc	2/13/2018 2/13/2018 2/13/2018	HETI-18-6002 HETI-18-6004 HETI-18-6011	Rafael E. Droz-Seda, P.E.
ASTM E330 & TAS 202	Uniform Static Air Press.	Hurricane Engineering & Testing, Inc	2/13/2018 2/13/2018 2/13/2018	HETI-18-6001 HETI-18-6002 HETI-18-6004 HETI-18-6011	Rafael E. Droz-Seda, P.E.
ASTM 1304	Forced Entry Test	Hurricane Engineering & Testing, Inc	2/13/2018 2/13/2018 2/13/2018	HETI-18-6001 HETI-18-6002 HETI-18-6004 HETI-18-6011	Rafael E. Droz-Seda, P.E.

**Supplemental Tests (Tested in accordance with TAS-201 and TAS-203)**

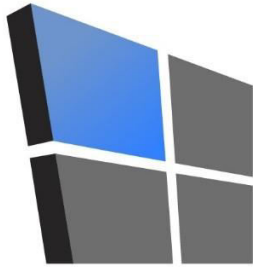
Test	Description	Test Location	Test Report Date	Test Report#	Test Sealed By
FBC 1626.2 (TAS 201 & 203) ASTM E1886 & E1996	Large Missile Impact & Cyclic	Hurricane Engineering & Testing, Inc	2/13/2018 2/13/2018 2/13/2018	HETI-18-6003 HETI-18-6005 HETI-18-6012	Rafael E. Droz-Seda, P.E.

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 2017 Florida Building Code.

**Evaluation Report Engineer:**  
  
Javad Ahmad  
Al-Farooq Corporation

PE # 70592  
EB # 3538

SEALED 4/18/18



# AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

April 18, 2018

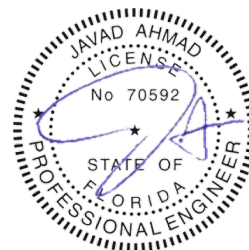
Product Approval Administrator  
Building Codes & Standards Section  
Department of Business & Professional Regulations  
1940 North Monroe Street, Suite 90  
Tallahassee, FL 32399-2100

Ref: Mr. Glass Doors & Windows, Inc.  
Series 3000 Aluminum Outswing Entrance Door – L.M.I.  
Certificate of Independence

Dear Sirs,

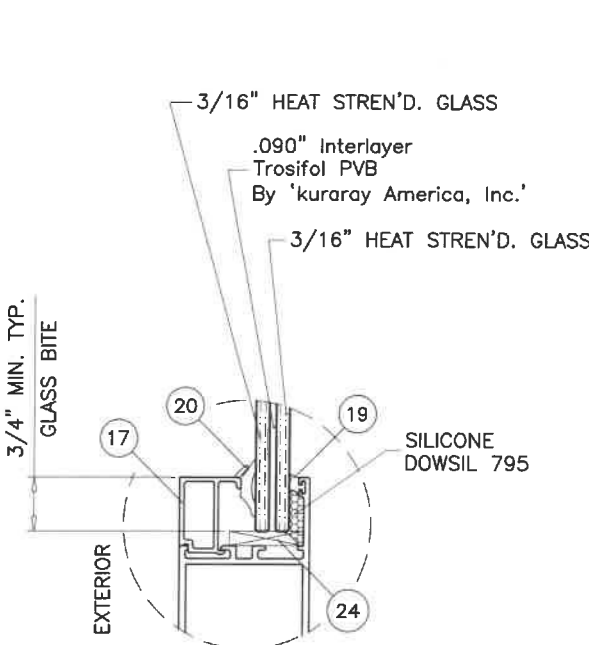
As the design engineer retained by Mr. Glass Doors & Windows, Inc. on the product referenced above, I do hereby declare that I do not have and will not have any financial interest in any company manufacturing or distributing the above referenced product, nor do I have or will have any financial interest with any other entity involved in the approval process of the product.

Sincerely,

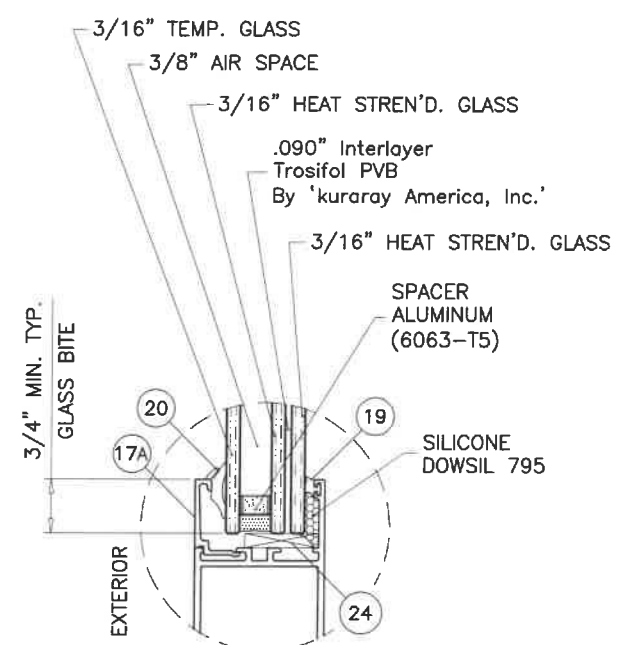


SEALED 4/18/18

Javad Ahmad, P.E.  
Director of Engineering



GLASS TYPE 'A'



GLASS TYPE 'A1'

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

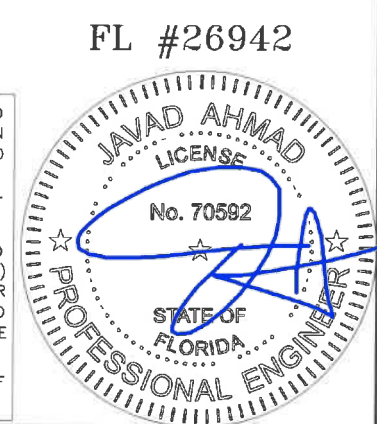
**SERIES 3000**  
**ALUMINUM OUTSWING ENTRANCE DOOR**

SINGLE (X) AND DOUBLE (XX) LEAF DOORS SEE SHEET 2.  
STAND ALONE SINGLE SIDELITE SEE SHEET 3.  
SINGLE AND DOUBLE LEAF DOORS WITH SIDELITES COMBINATIONS SEE SHEET 4.  
LOWER VALUES FROM DOOR CAPACITY, SIDELITE CAPACITY OR MULLION CAPACITY WILL APPLY TO ENTIRE SYSTEM.

DOORS APPROVED FOR INSTALLATION WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 (6TH 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 2017 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.  
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.

- 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.



**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 \ W17-118ECO

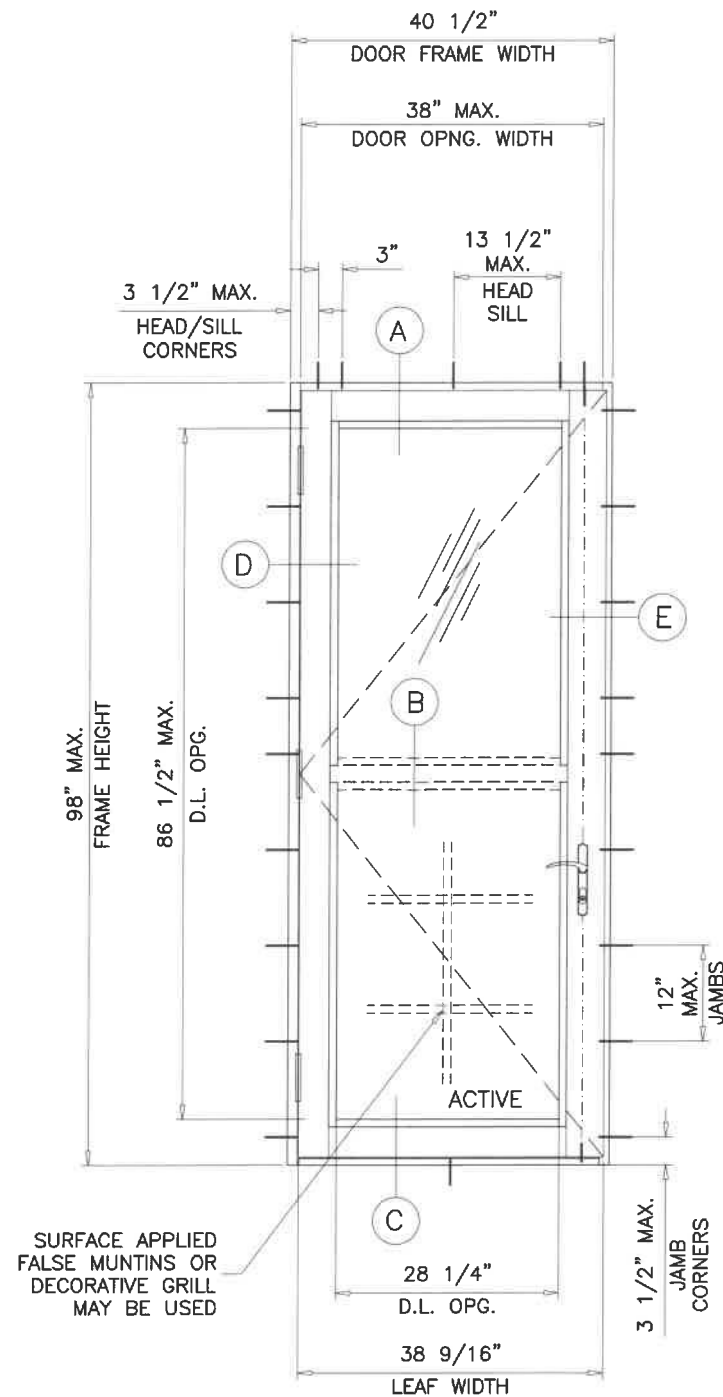
SERIES 3000 ALUMINUM OUTSWING DOOR (L.M.I.)  
**MR. GLASS DOORS & WINDOWS INC.**  
8120 N.W. 84 STREET  
MEDLEY, FL. 33166  
TEL. (305) 470-8284 FAX. (305) 470-8285

revisions:	no	date	by	description

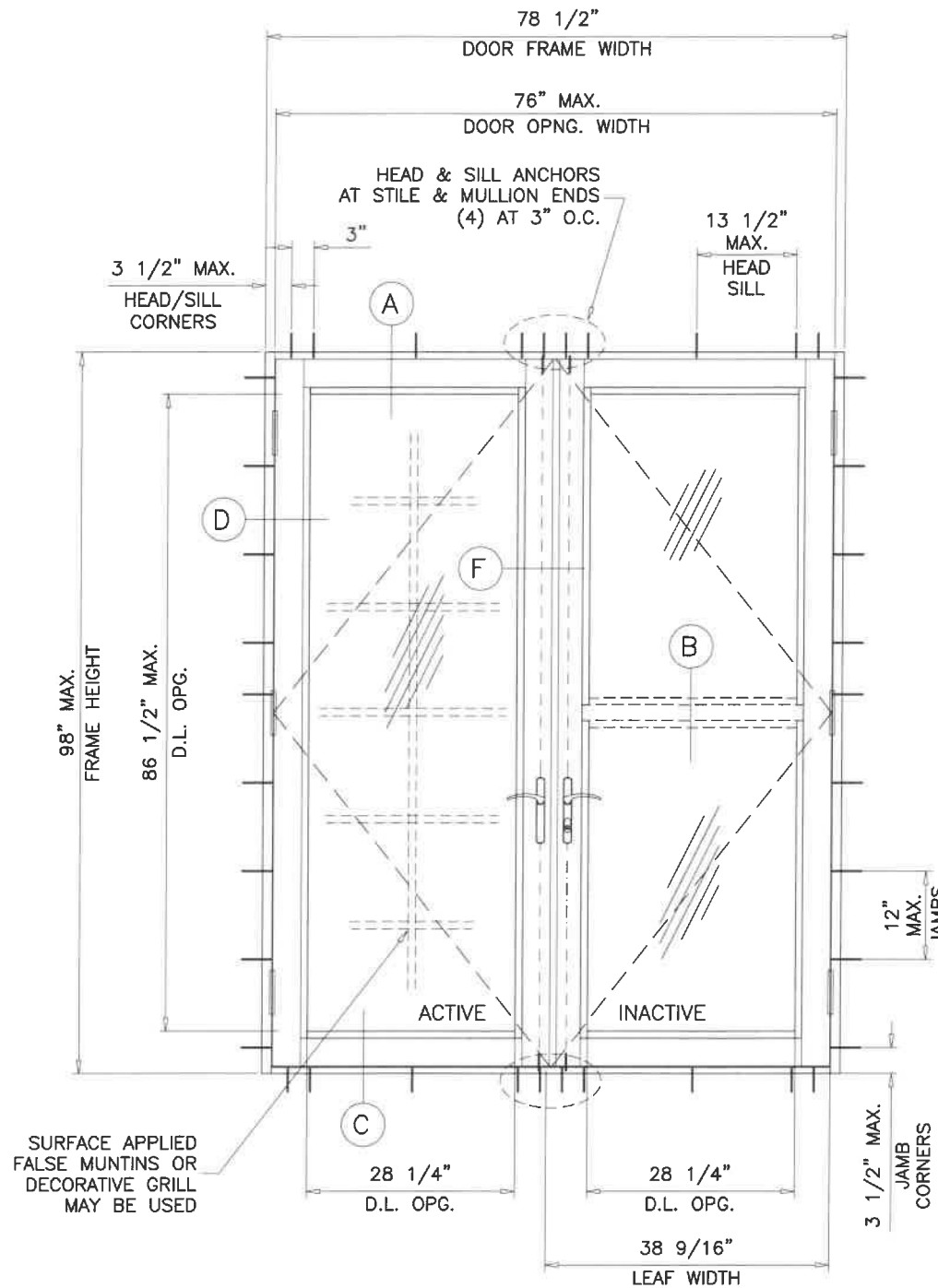
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scale: 3/8" = 1"  
dr. by: TARIQ  
chk. by:

drawing no.  
**18-36F**

sheet 1 of 10



TYPICAL ELEVATION  
( X )



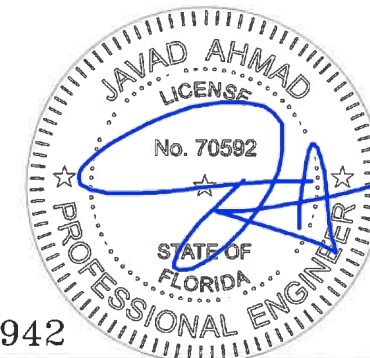
TYPICAL ELEVATION  
( XX )

MAXIMUM DESIGN LOAD RATING = + 80.0 PSF  
(FOR SIZES SHOWN ABOVE OR SMALLER) - 80.0 PSF

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-09 (3 SEC. GUSTS)  
AND FLORIDA BUILDING COMMISSION  
DECLARATORY STATEMENT DCA05-DEC-219

NOTE:  
EGRESS REQUIREMENTS TO BE REVIEWED  
BY BUILDING OFFICIAL.

GLASS D.L.O. FORMULAE:  
D.L.O. WIDTH = FRAME WIDTH - 12.438" (X DOORS)  
= (FRAME WIDTH - 22.0")/2 (XX DOORS)  
D.L.O. HEIGHT = FRAME HEIGHT - 11.50"



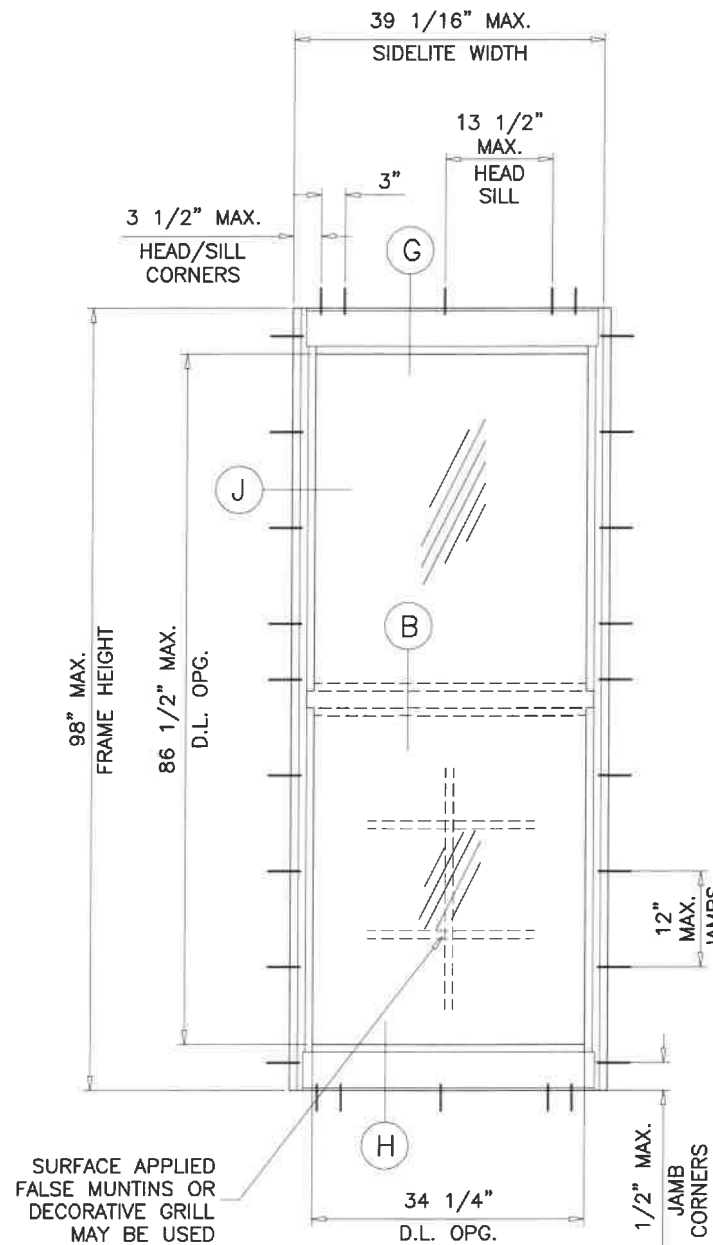
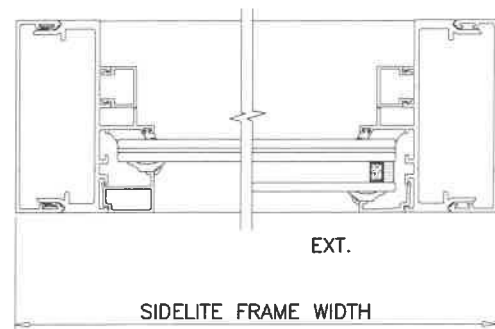
FL #26942

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9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)  
MIAMI, FLORIDA 33173 TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W17-118ECO

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revisions:	no	date	by	description
date:	03-20-18			
scale:	1/2"=1'-0"			
dr. by:	TARIQ			
chk. by:				
drawing no.	18-36F			
sheet	2 of 10			

DESIGN LOAD CAPACITY - PSF STAND ALONE SINGLE SIDELITES			
SIDELITE FRAME WIDTH INCHES	SIDELITE FRAME HEIGHT INCHES	WITHOUT REINFORCING	
		EXT.(+)	INT.(-)
24	82	80.0	80.0
30		80.0	80.0
36		80.0	80.0
39		80.0	80.0
42		74.3	74.3
24	84	80.0	80.0
30		80.0	80.0
36		80.0	80.0
39		80.0	80.0
42		74.3	74.3
24	90	80.0	80.0
30		80.0	80.0
36		80.0	80.0
39		80.0	80.0
42		74.3	74.3
24	96	80.0	80.0
30		80.0	80.0
36		80.0	80.0
39		80.0	80.0
42		74.3	74.3
24	98	80.0	80.0
30		80.0	80.0
36		80.0	80.0
39		80.0	80.0
42		74.3	74.3

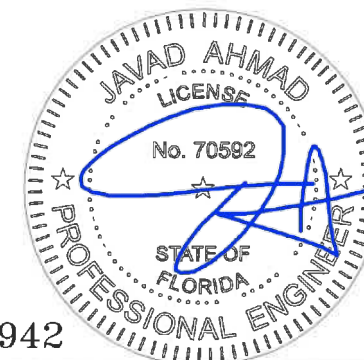


TYPICAL ELEVATION  
( O )  
STAND ALONE SIDELITE

GLASS D.L.O. DIMS.

D.L.O. HEIGHT (SIDELITE) = FRAME HEIGHT - 11.50"  
D.L.O. WIDTH (SIDELITE) = FRAME WIDTH - 4.813"

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-09 (3 SEC. GUSTS)  
AND FLORIDA BUILDING COMMISSION  
DECLARATORY STATEMENT DCA05-DEC-219



FL #26942

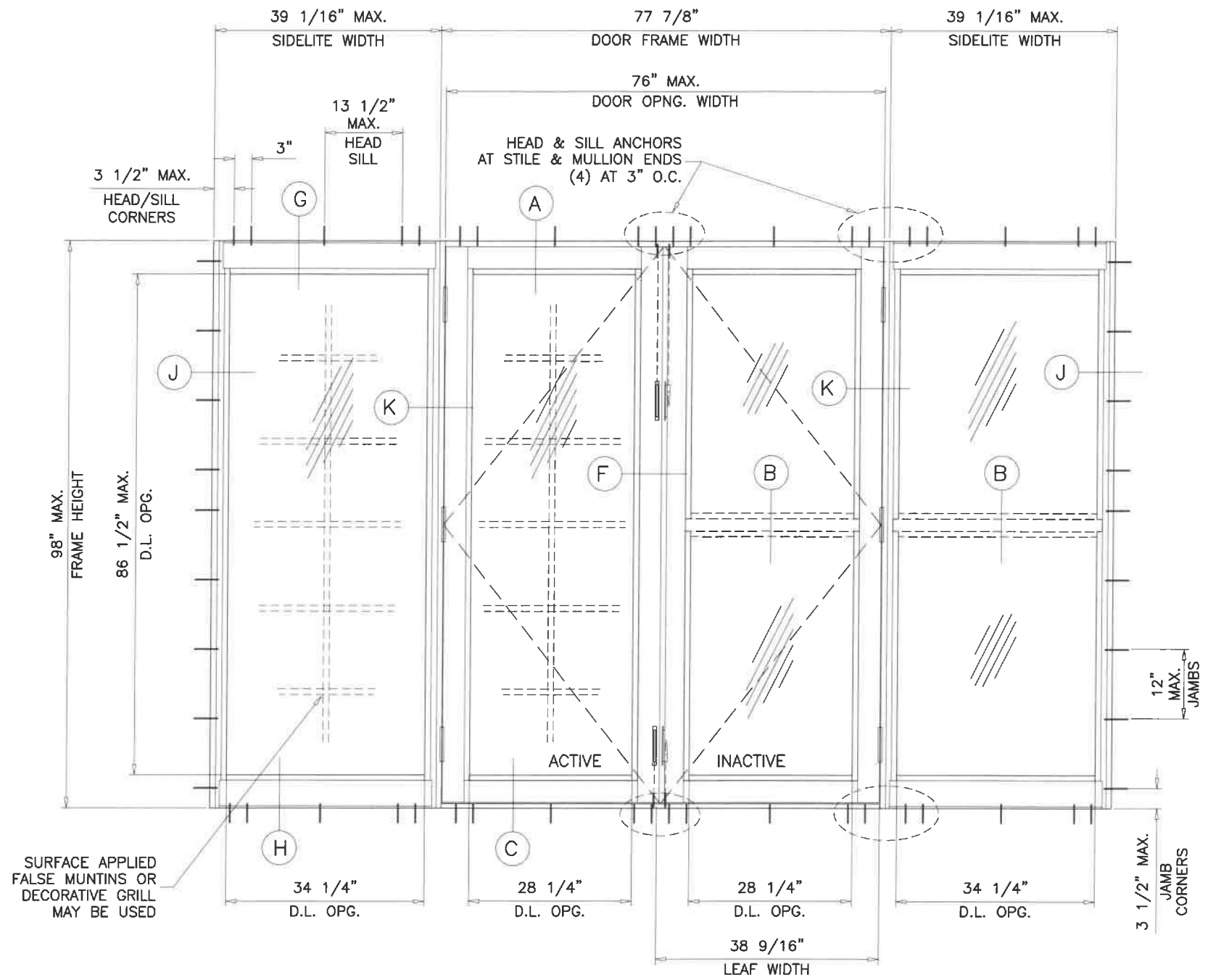
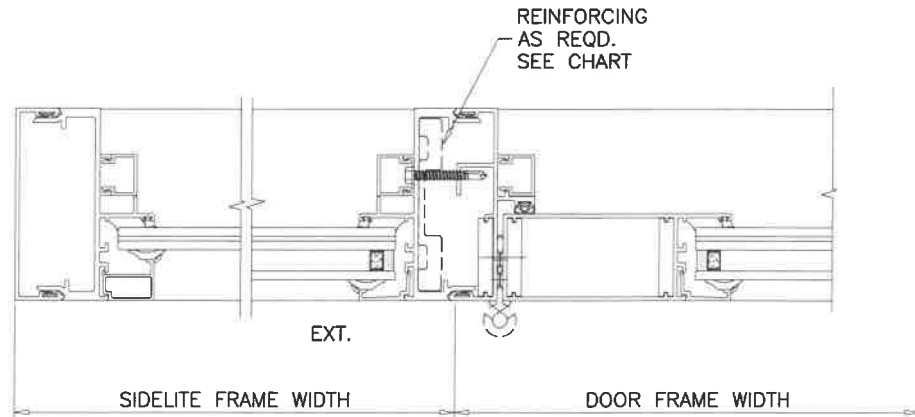
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sheet	3 of 10			

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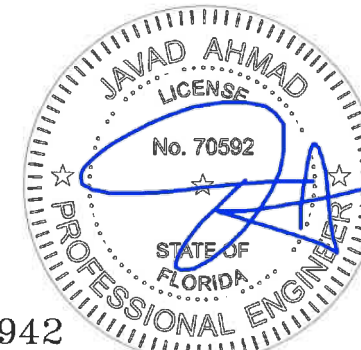
DESIGN LOAD CAPACITY - PSF SIDELITES WITH SINGLE OR DOUBLE LEAF DOORS (SEE NOTE BELOW)					
SIDELITE FRAME WIDTH INCHES	SIDELITE FRAME HEIGHT INCHES	WITHOUT REINFORCING		WITH REINFORCING	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24	82	80.0	80.0	80.0	80.0
30		80.0	80.0	80.0	80.0
36		80.0	80.0	80.0	80.0
39		80.0	80.0	80.0	80.0
42		80.0	80.0	80.0	80.0
24	84	80.0	80.0	80.0	80.0
30		80.0	80.0	80.0	80.0
36		80.0	80.0	80.0	80.0
39		80.0	80.0	80.0	80.0
42		80.0	80.0	80.0	80.0
24	90	80.0	80.0	80.0	80.0
30		80.0	80.0	80.0	80.0
36		80.0	80.0	80.0	80.0
39		80.0	80.0	80.0	80.0
42		77.9	77.9	80.0	80.0
24	96	80.0	80.0	80.0	80.0
30		80.0	80.0	80.0	80.0
36		75.5	75.5	80.0	80.0
39		69.7	69.7	80.0	80.0
24	98	80.0	80.0	80.0	80.0
30		80.0	80.0	80.0	80.0
36		71.0	71.0	80.0	80.0
39		65.5	65.5	80.0	80.0



TYPICAL ELEVATION  
( O-XX-O )

NOTE:  
 FOR DOORS CAPACITIES SEE SHEET 2.  
 FOR SIDELITE CAPACITY SEE SHEET 3.  
 FOR SIDELITE MULLION CAPACITIES SEE CHART ABOVE.  
 LOWER VALUES FROM DOOR, SIDELITE OR MULLION CHART  
 WILL APPLY TO ENTIRE SYSTEM.

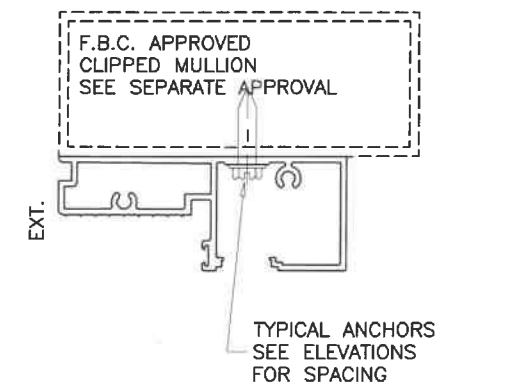
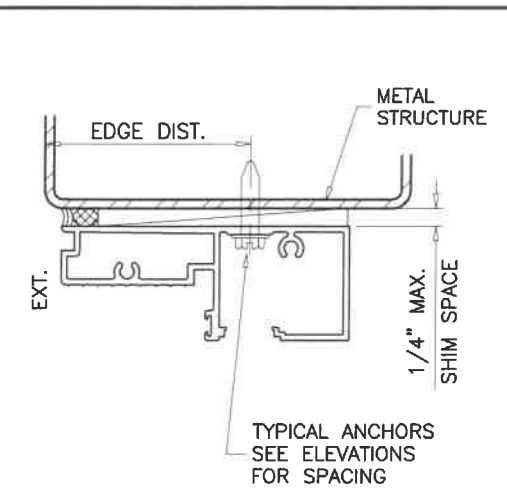
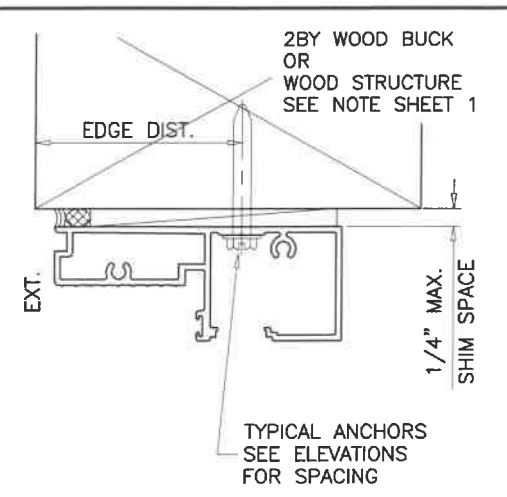
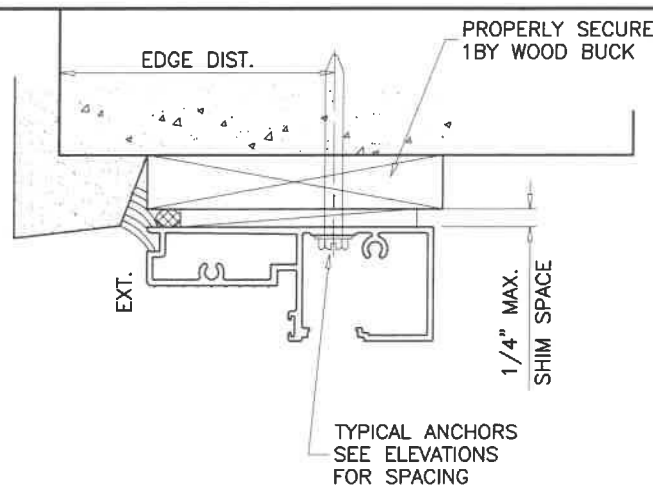
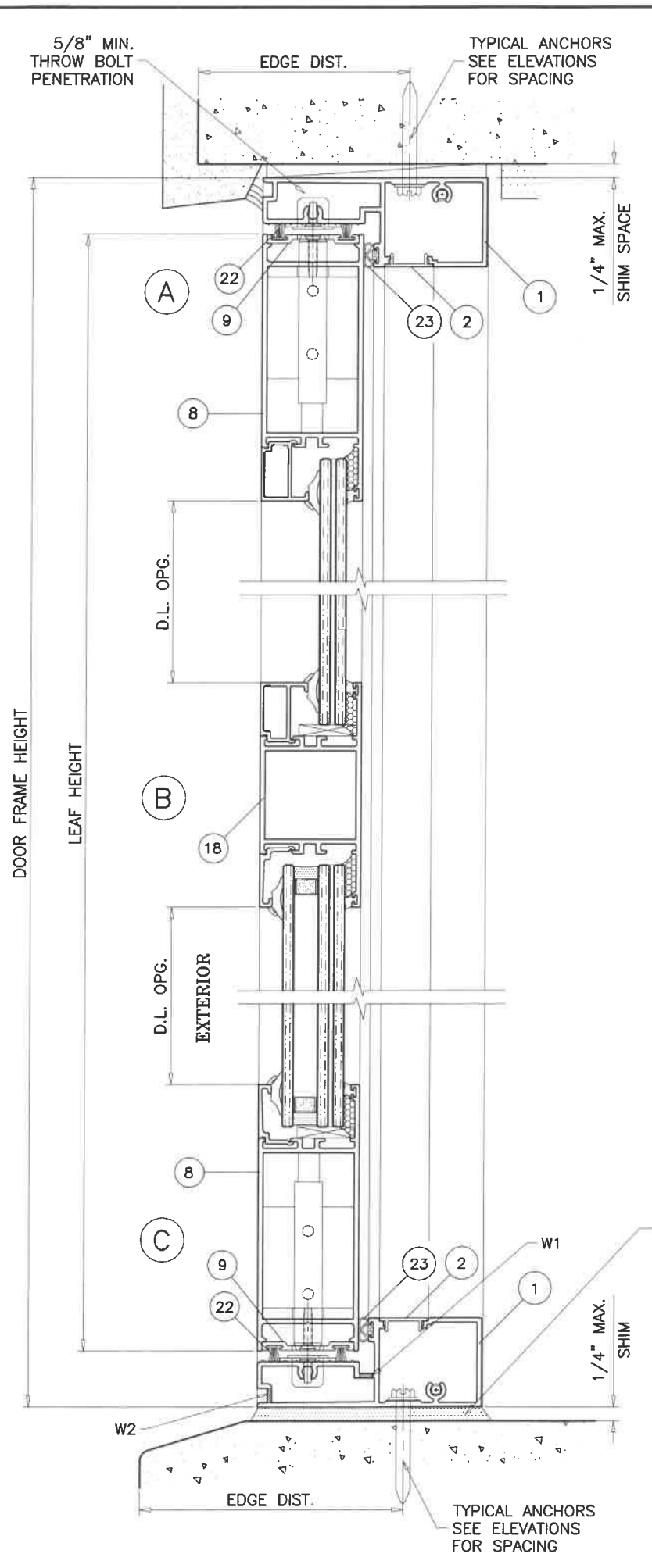
FL #26942



**af c**  
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date:	03-20-18	scale:	-	
dr. by:	TARIQ	chk. by:		
drawing no.	18-36F			
sheet	4 of 10			



1BY OR 2BY WOOD BUCKS AND METAL STRUCTURE NOT BY ECO WINDOWS MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

**WEEPHOLES:**

- W1 = 1/4" X 2" LONG WEEP SLOTS AT 8" AND 31" FROM EACH END
- W2 = 1/4" X 2" LONG WEEP SLOTS AT 5" AND 31" FROM EACH END

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

- 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 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 BLOCKS 2" 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. 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)

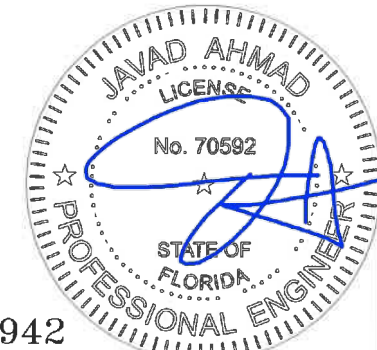
**CRITICAL EDGE DISTANCE**

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

POURED & HARDENED HIGH STRENGTH GROUT f'c = 5000 PSI MIN. NOT BY MR. GLASS MUST TRANSFER SHEAR LOADS TO STRUCTURE LOAD BEARING (SOLID SHIMS OPTIONAL TO GROUT)

**DOOR DETAILS**



FL #26942



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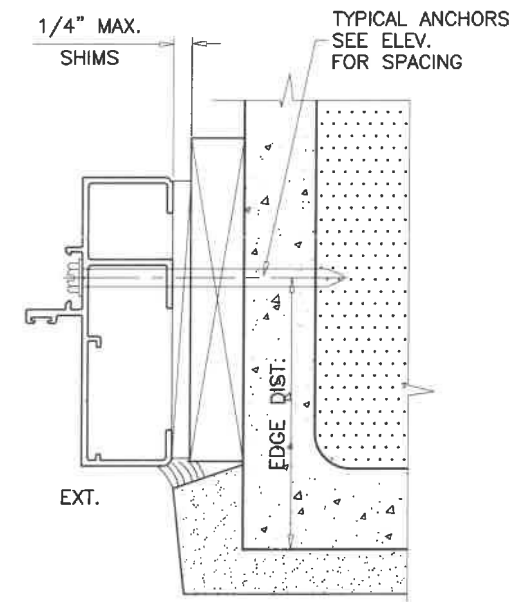
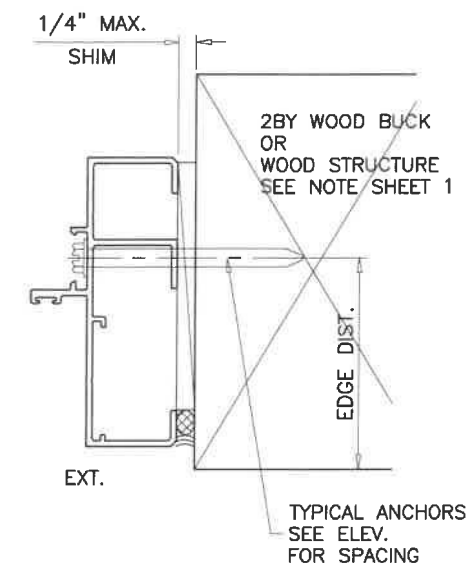
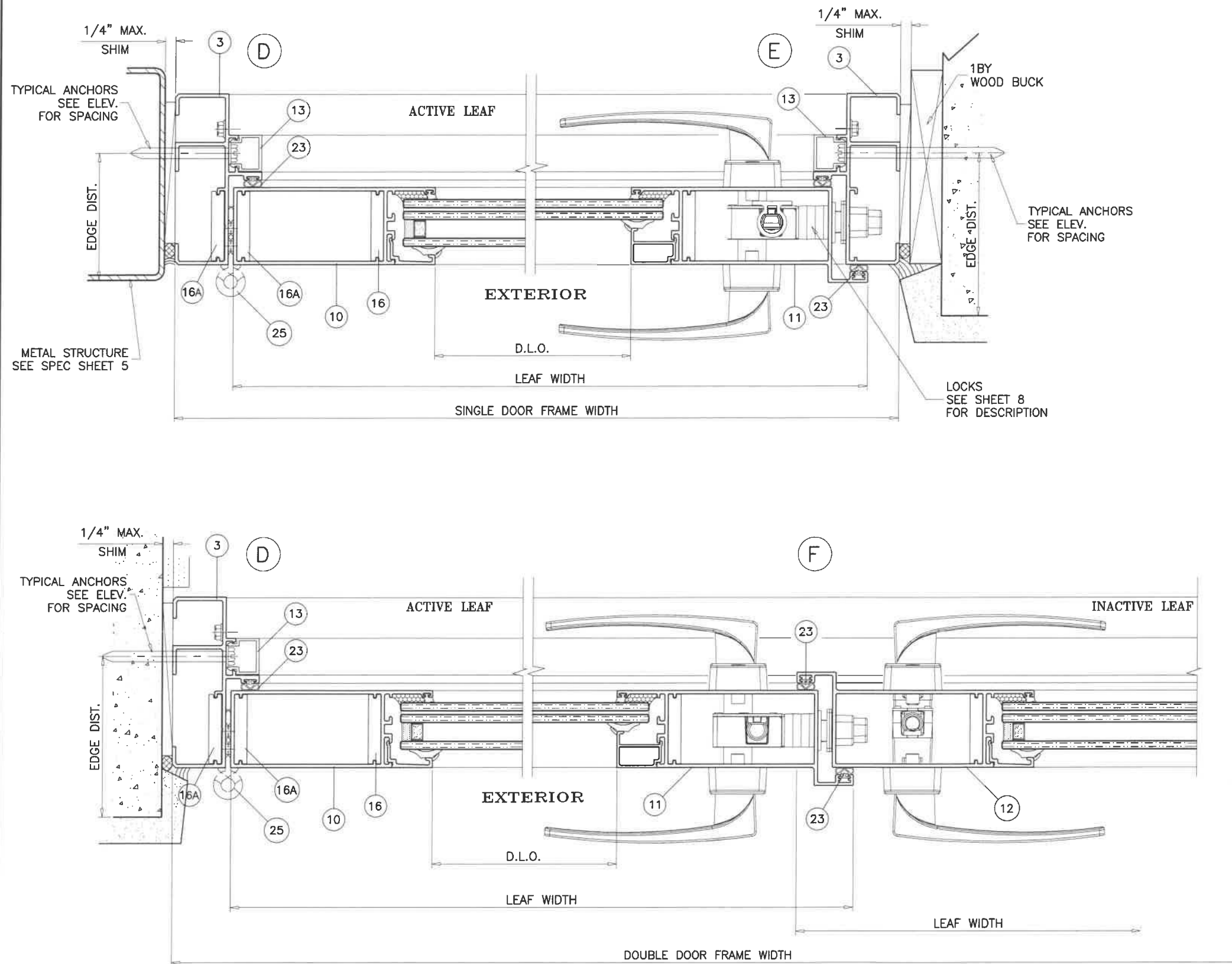
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SERIES 3000 ALUMINUM OUTSWING DOOR (L.M.I.)

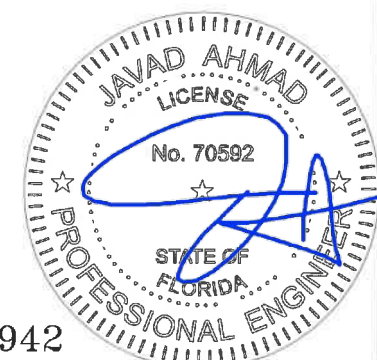
**MR. GLASS DOORS & WINDOWS INC.**  
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MEDLEY, FL. 33166  
TEL. (305) 470-8284 FAX. (305) 470-8285

revisions:	
no	description

date: 03-20-18 scale: 3/8" = 1" dr. by: TARIQ chk. by:   
drawing no. **18-36F**  
sheet 5 of 10



DOOR DETAILS



FL #26942

**afcc**

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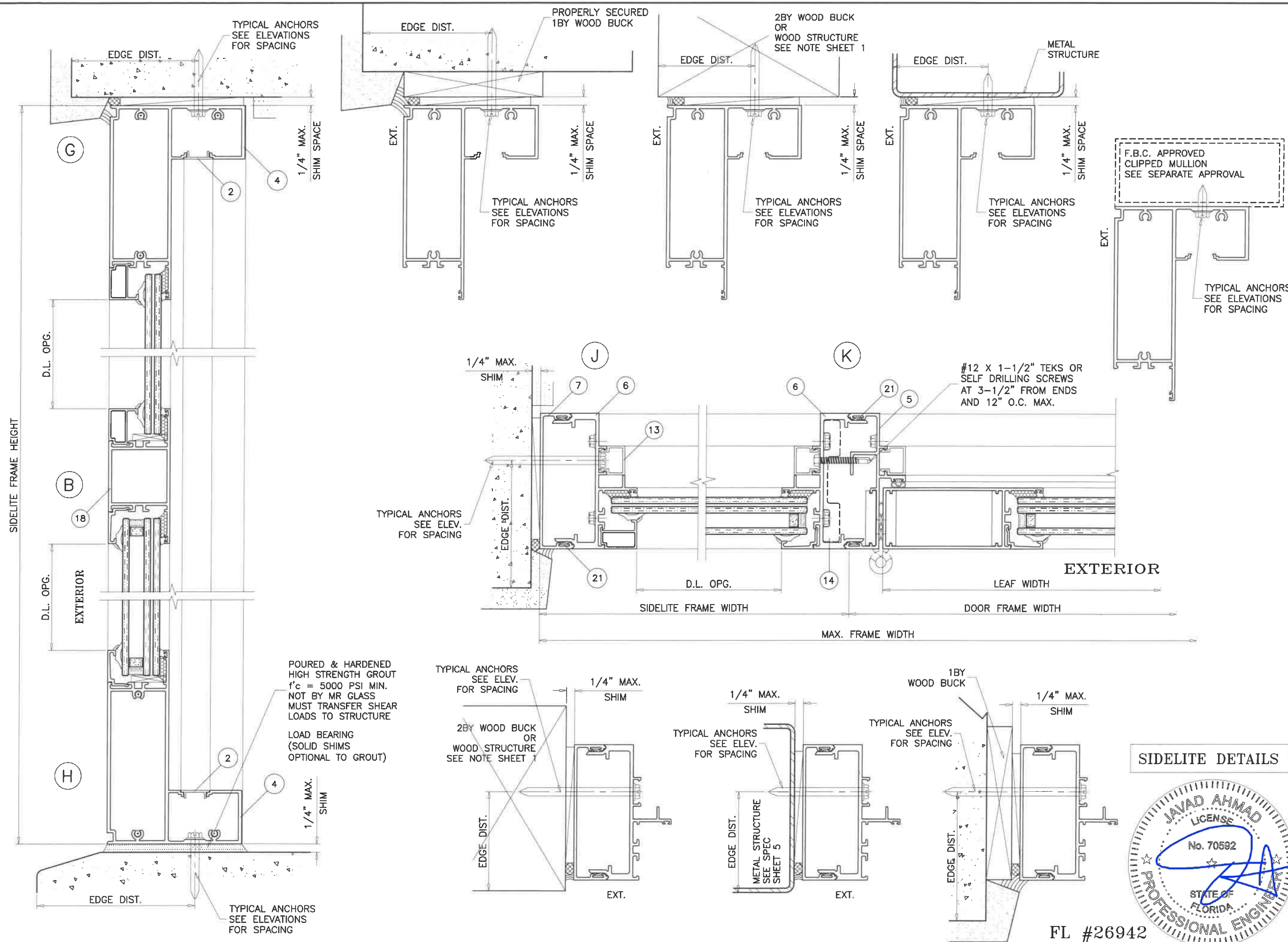
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no	date by description

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drawing no. 18-36F			
sheet 6 of 10			





**af c**  
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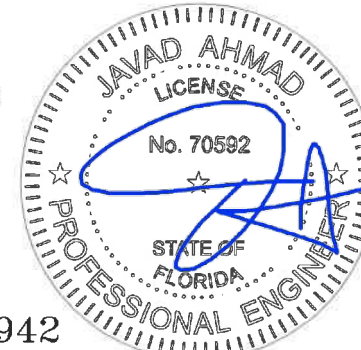
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date: 03-20-18  
 scale: 3/8" = 1"  
 dr. by: TARIQ  
 chk. by:  

drawing no.  
**18-36F**  
 sheet 7 of 10

**SIDELITE DETAILS**



FL #26942

**LOCKS:**

**OPTION #1:**

**ACTIVE LEAF:**

3 POINT LOCK ASSEMBLY DL01-6065 BY 'INTERLOCK USA INC.'  
 (1) LOCKING POINTS ENGAGING AT INACTIVE LEAF AT STRIKE PLATE  
 1/2" DIA. BOLTS WITH 5/8" THROW (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:**

2 POINT LOCK ASSEMBLY BY 'INTERLOCK USA INC.'  
 1/2" DIA. BOLTS WITH 5/8" THROW AT TOP AND BOTTOM ENGAGING  
 FRAME HEAD AND FRAME SILL  
 THROW BOLTS ATTACHED TO LOCK BY 3/8" CONNECTING RODS  
 LOCK LOCATED AT 42-1/2" FROM BOTTOM

**DOOR HANDLES:**

SURFACE MOUNT METALLIC HANDLES AT 42-1/2" FROM BOTTOM  
 FASTENED TO ACTIVE AND INACTIVE LEAF LOCK STILES WITH  
 (2) 1/4-20 X 1-13/16" CONE HEAD MS  
 (4) 1/4-20 X 5/16" SET SCREWS

**OPTION #2:**

**ACTIVE LEAF:**

SURFACE BOLTS BY 'SULLIVAN & ASSOC.'  
 MANUALLY OPERATED LEVERS MOUNTED ON STILE FACE,  
 LOCATED AT 12" AND 68" FROM BOTTOM  
 FASTENED TO LOCK STILE WITH  
 #8 X 3/4" FH SMS (2) SCREWS PER BOLT

**INACTIVE LEAF**

CONCEALED FLUSH BOLTS BY 'SULLIVAN & ASSOC.'  
 MANUALLY OPERATED LEVERS MOUNTED ON  
 INSIDE FACE OF LEAF STILE LOCATED AT  
 28" FROM TOP AND 12" FROM BOTTOM  
 FASTENED TO LOCK STILE WITH  
 #8 X 3/4" FH SMS (2) PER BOLT

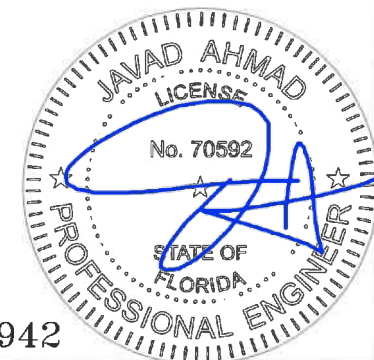
**HINGES:**

7-1/2" LONG ALUMINUM BUTT HINGES BY 'SULLIVAN & ASSOC.'  
 AT 8" FROM TOP AND BOTTOM AND ONE AT MIDSPAN OF LEAF  
 FASTENED TO FRAME WITH  
 (6) #10 X 3/4" FH SELF DRILLING SCREWS  
 FASTENED TO LEAF WITH  
 (5) #10 X 3/4" PH SELF DRILLING SCREWS

**SEALANTS:**

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH  
 WHITE/ALUMINUM COLORED SILICONE.

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	E3008	AS REQD.	DOOR FRAME HEAD/SILL	6063-T6	-
2	E1018	AS REQD.	FRAME COVER	6063-T6	-
3	E3006	AS REQD.	DOOR FRAME JAMB	6063-T6	-
4	E3011	AS REQD.	SIDELITE TOP & BOTTOM FRAME	6063-T6	-
5	E3007	AS REQD.	SIDELITE JAMB FEMALE	6063-T6	-
6	E3009	AS REQD.	SIDELITE JAMB MALE	6063-T6	-
7	E3010	AS REQD.	SIDELITE SLIP ON JAMB	6063-T6	-
8	E3001	AS REQD.	LEAF TOP & BOTTOM RAIL	6063-T6	-
9	E3005	AS REQD.	LEAF W'STRIP ADAPTER	6063-T6	-
10	E3002	AS REQD.	HINGE STILE	6063-T6	-
11	E3003	AS REQD.	LOCK STILE	6063-T6	-
12	E3004	AS REQD.	ASTRAGAL STILE	6063-T6	-
13	E3014	AS REQD.	SNAP COVER	6063-T5	-
14	E3013	1	SIDELITE MULLION REINFORCING	6063-T6	-
15	E3015	AS REQD.	SHEAR BLOCK	6063-T6	3" LONG
16	E3016	AS REQD.	SHEAR BLOCK NUT	6063-T6	3" LONG
16A	E3016	2/	HINGE BACK-UP PLATE	6063-T6	8-1/2" LONG @ FRAME, 4-3/4" LONG @ LEAF
17	E9001	AS REQD.	GLAZING BEAD (LAM. GLASS)	6063-T6	-
17A	E9002	AS REQD.	GLAZING BEAD (INSUL. LAM. GLASS)	6063-T6	-
18	E3012	AS REQD.	INTERMEDIATE HORIZONTAL	6063-T6	-
19	G30-01	AS REQD.	INTERIOR GLAZING SPACER	SANTOPRENE	DUROMETER 70±5 SHORE A
20	G10-04	AS REQD.	EXTERIOR GLAZING GASKET	SANTOPRENE	DUROMETER 70±5 SHORE A
21	G30-02	AS REQD.	DOUBLE FIN AIR SEAL W'STRIPPING	SANTOPRENE	DUROMETER 70±5 SHORE A
22	W71325NK	AS REQD.	PILE W'STRIPPING	WOOL	ULTRAFAB
23	G10-05	AS REQD.	BULB W'STRIPPING	SANTOPRENE	EPDM
24	-	2/	SETTING BLOCK, 1/8" X 1" X 4" LONG	EPDM	AT 6" FROM EACH END, DUROMETER 80±5
25	F107	3/	BUTT HINGES	ALUMINUM	SULLIVAN & ASSOC.
25A	#10 X 3/4"	-	HINGE INSTALLATION FASTENERS	ST. STEEL	FH SMS
26	#12 X 1-1/2"	AS REQD.	FRAME ASSEMBLY SCREWS	ST. STEEL	HWH SMS
27	3/8 X 1"	AS REQD.	SHEAR BLOCK FASTENERS	ST. STEEL	HEX SOCKET HEAD SCREWS
28	#12 X 1-1/2"	AS REQD.	SHEAR BLOCK FASTENERS	ST. STEEL	HWH SMS



FL #26942

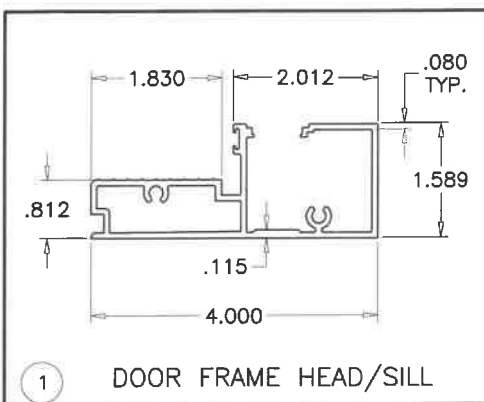
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**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)  
 MIAMI, FLORIDA 33173  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
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SERIES 3000 ALUMINUM OUTSWING DOOR (L.M.I.)  
**MR. GLASS DOORS & WINDOWS INC.**  
 8120 N.W. 84 STREET  
 MEDLEY, FL. 33166  
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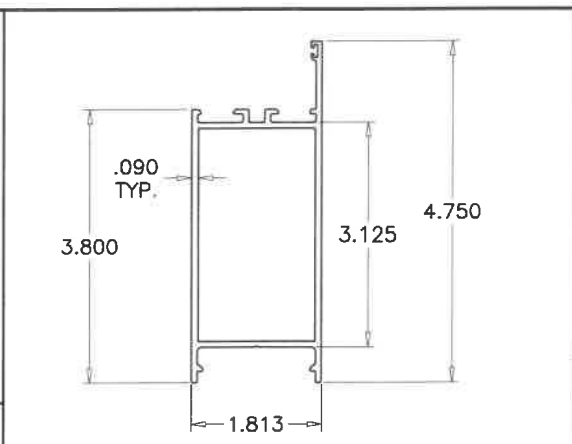
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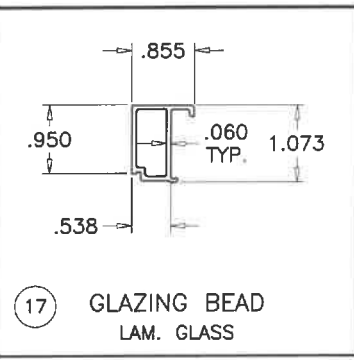
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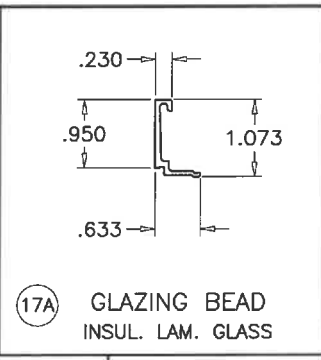
1 DOOR FRAME HEAD/SILL



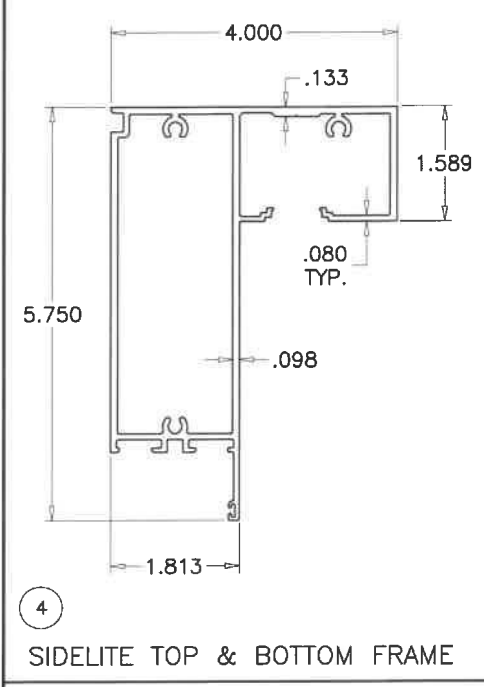
8 LEAF TOP/BOTTOM RAIL



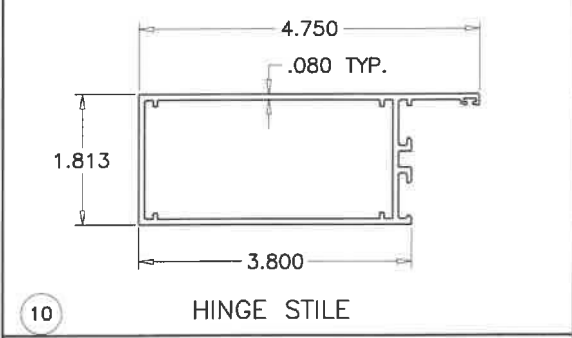
17 GLAZING BEAD LAM. GLASS



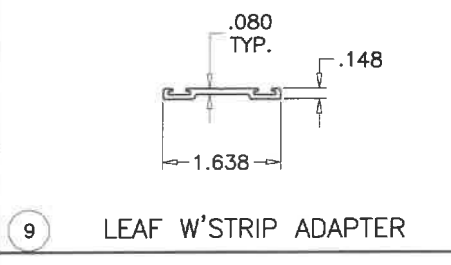
17A GLAZING BEAD INSUL. LAM. GLASS



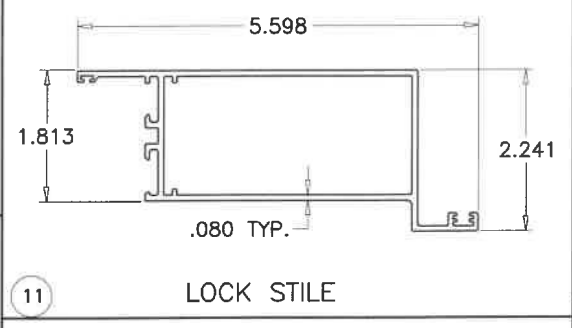
4 SIDELITE TOP & BOTTOM FRAME



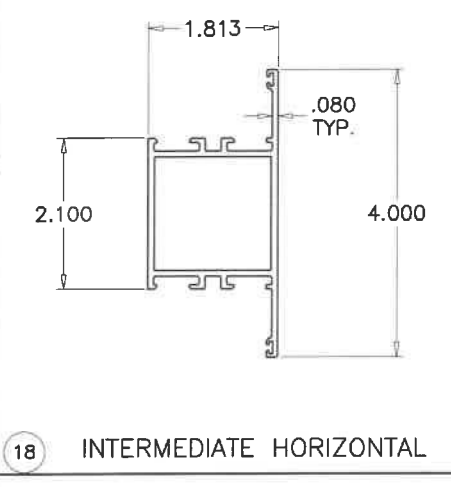
10 HINGE STILE



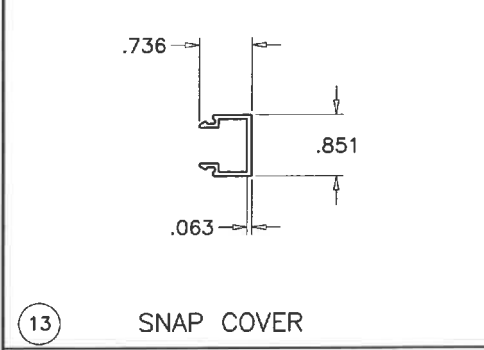
9 LEAF W'STRIP ADAPTER



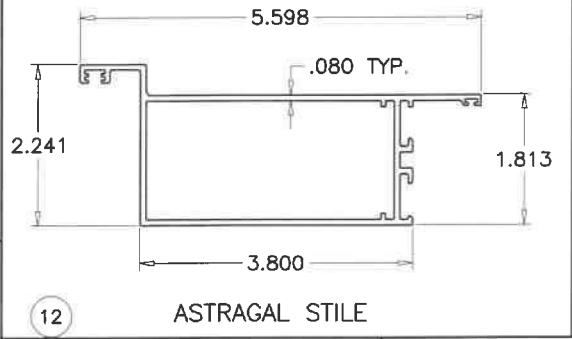
11 LOCK STILE



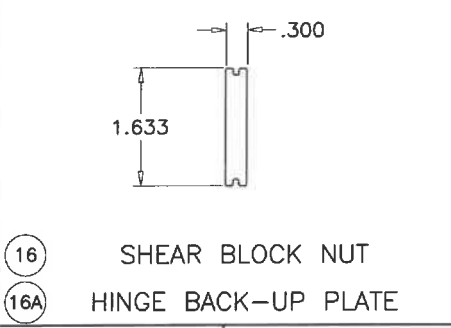
18 INTERMEDIATE HORIZONTAL



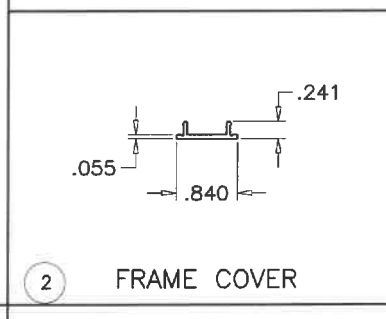
13 SNAP COVER



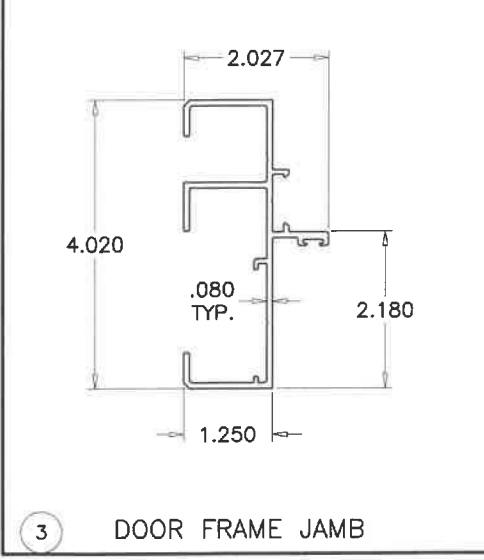
12 ASTRAGAL STILE



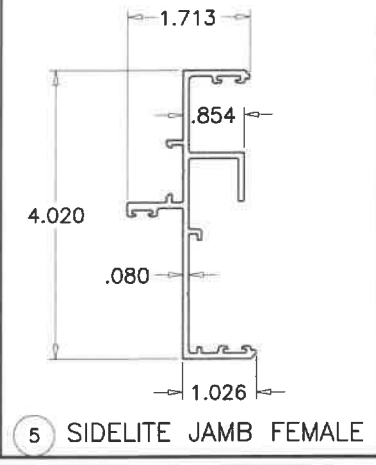
16 SHEAR BLOCK NUT HINGE BACK-UP PLATE



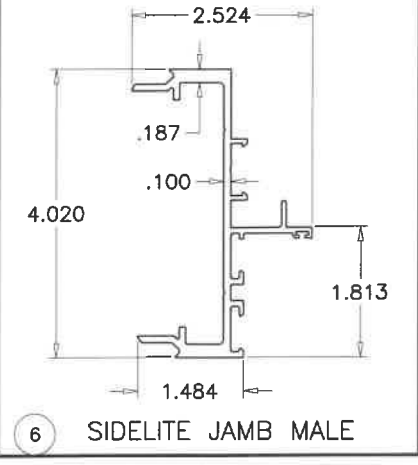
2 FRAME COVER



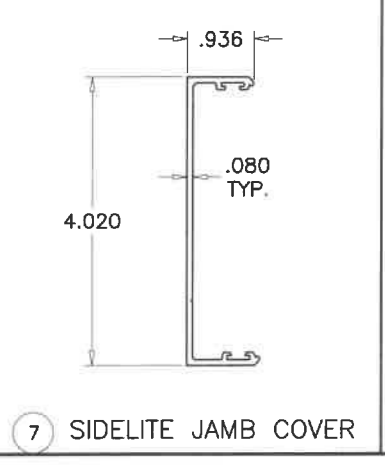
3 DOOR FRAME JAMB



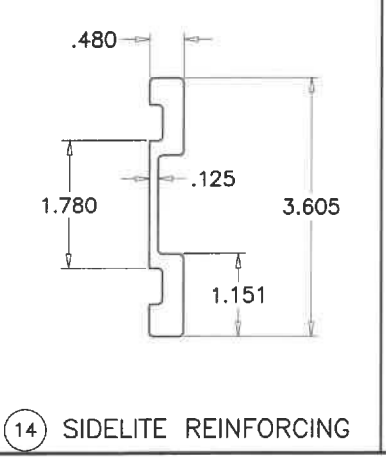
5 SIDELITE JAMB FEMALE



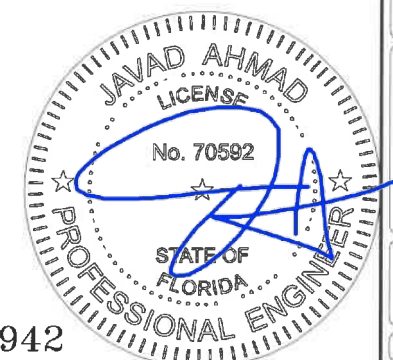
6 SIDELITE JAMB MALE



7 SIDELITE JAMB COVER



14 SIDELITE REINFORCING



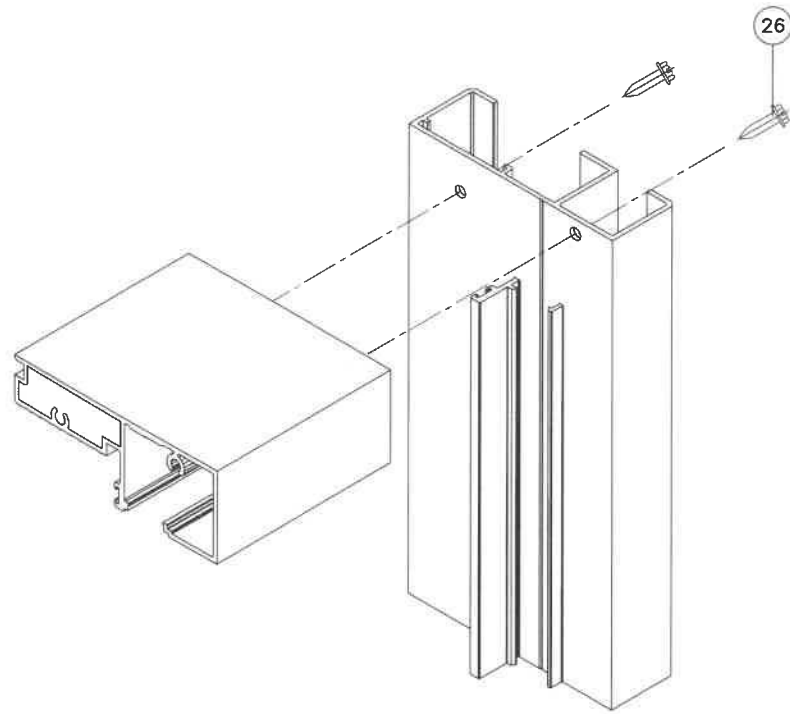
FL #26942

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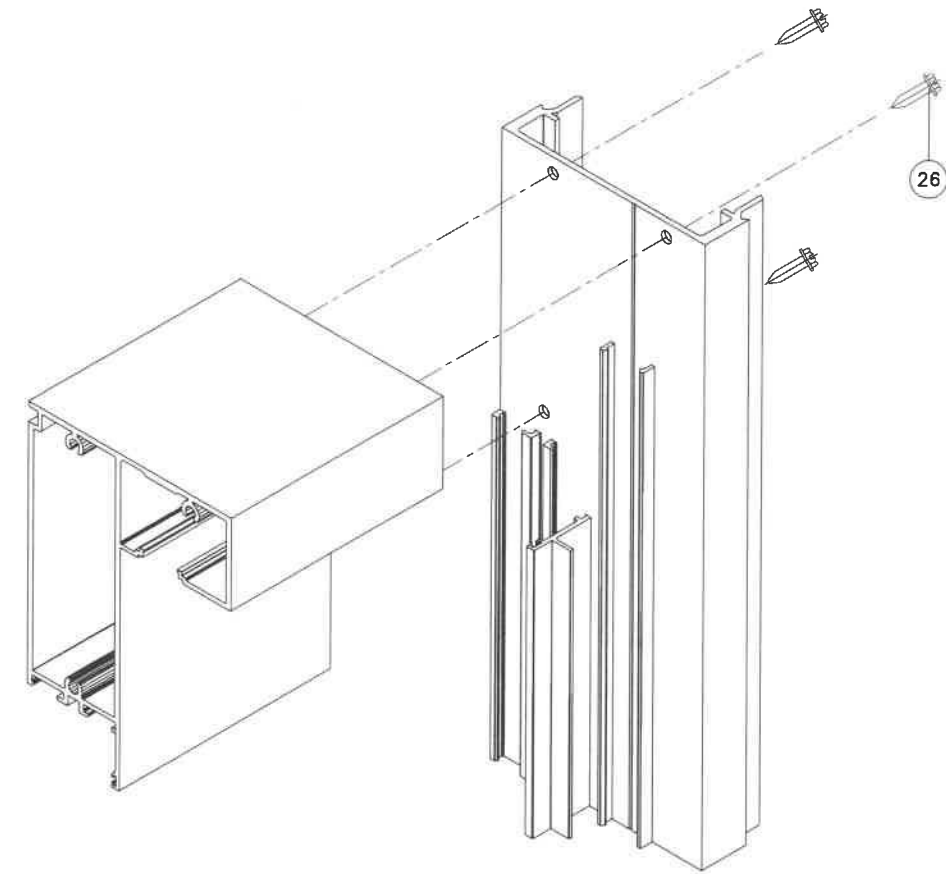
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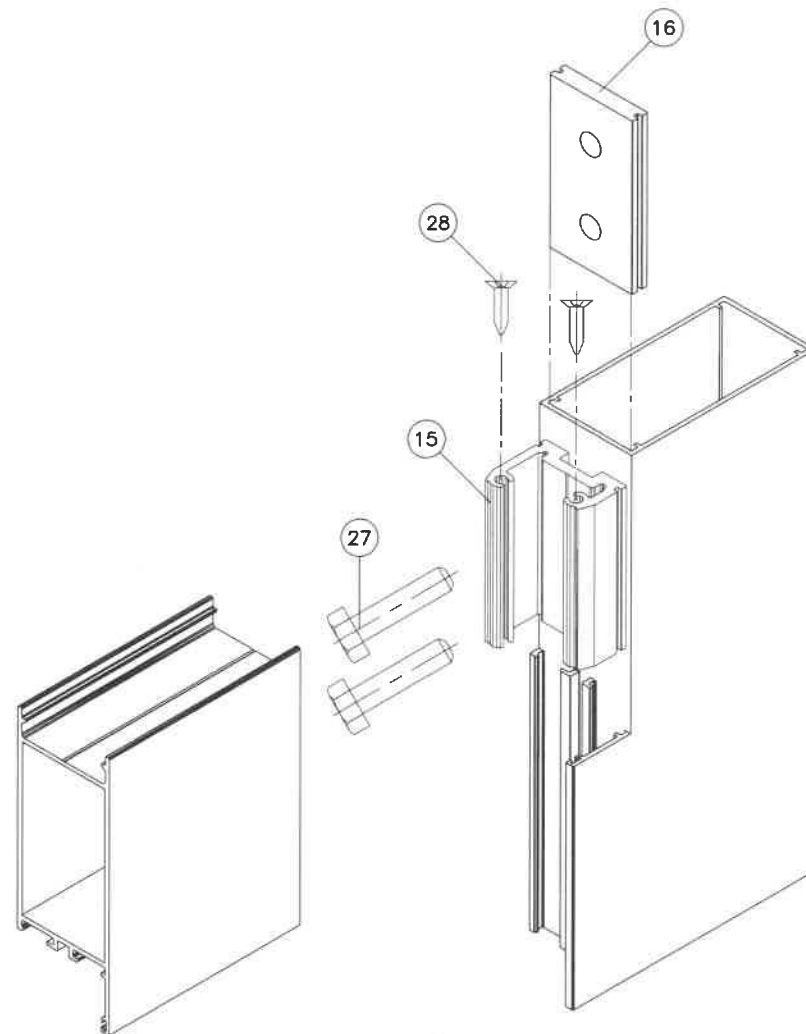
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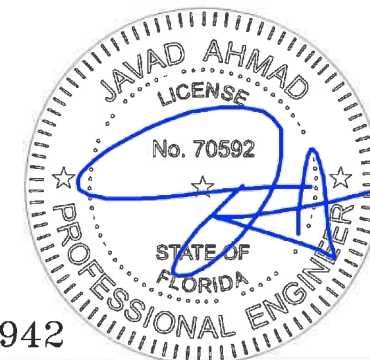
DOOR FRAME CORNER



SIDELITE FRAME CORNER



LEAF CORNER



FL #26942

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