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**Product Approval**  
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OFFICE OF THE SECRETARY

FL #	FL32381-R2								
Application Type	Revision								
Code Version	2023								
Application Status	Approved								
Comments									
Archived	<input type="checkbox"/>								
Product Manufacturer	Sunshine Windows Manufacturing Inc.								
Address/Phone/Email	1745 West 33rd Place Hialeah, FL 33012 (305) 364-9952 Ext 109 noel_m_2001@yahoo.com								
Authorized Signature	Jalal Farooq veronica@afceng.com								
Technical Representative									
Address/Phone/Email									
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 <input type="checkbox"/> 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	02/28/2029								
Validated By	Abel Carrasco, PE <input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received								
Certificate of Independence	<a href="#">FL32381_R2_COI_SS - Certificate of Independence 2023.pdf</a>								
Referenced Standard and Year (of Standard)	<table border="0"> <thead> <tr> <th><b>Standard</b></th> <th><b>Year</b></th> </tr> </thead> <tbody> <tr> <td>TAS 201</td> <td>1994</td> </tr> <tr> <td>TAS 202</td> <td>1994</td> </tr> <tr> <td>TAS 203</td> <td>1994</td> </tr> </tbody> </table>	<b>Standard</b>	<b>Year</b>	TAS 201	1994	TAS 202	1994	TAS 203	1994
<b>Standard</b>	<b>Year</b>								
TAS 201	1994								
TAS 202	1994								
TAS 203	1994								
Equivalence of Product Standards Certified By									
Sections from the Code									

Product Approval Method

Method 1 Option D

Date Submitted

07/28/2023

Date Validated

07/30/2023

Date Pending FBC Approval

08/02/2023

Date Approved

10/18/2023

**Summary of Products**

FL #	Model, Number or Name	Description
32381.1	Series 2001 Aluminum Outswing Entrance Door	Large missile impact resistant aluminum outswing entrance door.
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> Yes <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> Yes <b>Design Pressure:</b> +80/-90 <b>Other:</b> See drawings 20-45F for span vs load combination and installation details.		<b>Installation Instructions</b> <a href="#">FL32381_R2_II_SS - 2001 OS ED (LMI) - DWG 20-45F (2023).pdf</a> Verified By: Jalal Farooq PE # 81223 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL32381_R2_AE_SS - 2001 FD (LMI) - PAE 2023.pdf</a> Created by Independent Third Party: Yes
32381.2	Series 2001 Aluminum Outswing Entrance Door	Non-impact resistant aluminum outswing entrance door.
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> Yes <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> No <b>Design Pressure:</b> +80/-135 <b>Other:</b> See drawings 20-42F for span vs load combination and installation details.		<b>Installation Instructions</b> <a href="#">FL32381_R2_II_SS - 2001 OS ED (NI) - DWG 20-42F (2023).pdf</a> Verified By: Jalal Farooq PE # 81223 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL32381_R2_AE_SS - 2001 FD (NI) - PAE 2023.pdf</a> Created by Independent Third Party: Yes

[Back](#)

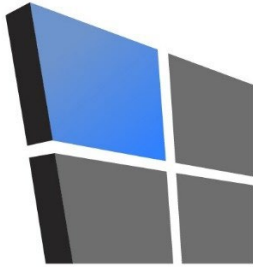
[Next](#)

Contact Us :: [2601 Blair Stone Road, Tallahassee FL 32399](#) Phone: 850-487-1824

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# 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

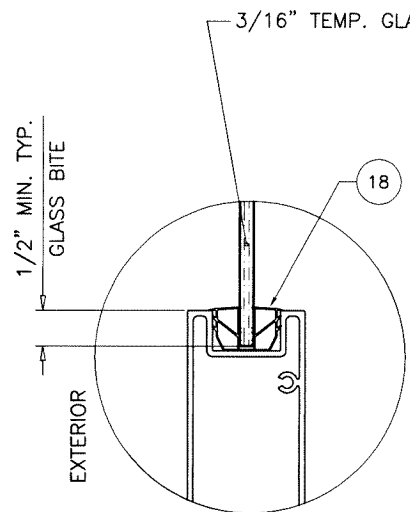


THESE DOORS ARE NOT RATED FOR IMPACT.  
 INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA REQUIRES THE USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES COMPLYING WITH HVHZ REQUIREMENTS.  
 INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA MUST MEET THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS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

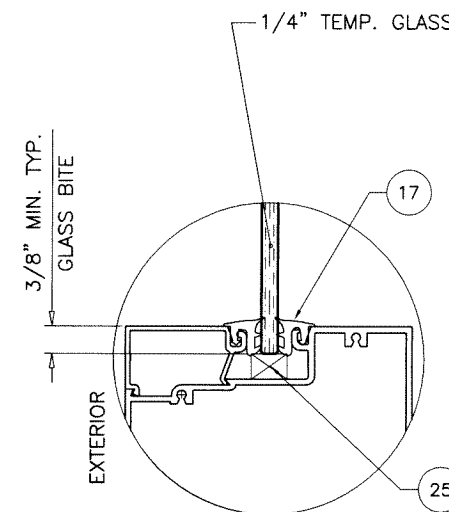
**SERIES-2001 (N.I.)  
 ALUMINUM OUTSWING ENTRANCE DOOR**

APPROVAL APPLIES TO SINGLE (X) AND DOUBLE (XX) LEAF DOORS WITH OR WITHOUT SIDELITES.  
 SIDE LITES CAN BE ON ONE OR BOTH SIDES OF DOOR.  
 DOORS WITH STD. THRESHOLD (#1202003) APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.  
 DOORS WITH ADA THRESHOLD (#1202004) NOT APPROVED FOR WATER INFILTRATION RESISTANCE.  
 SEE SHEETS 2 & 3 FOR LIMITATIONS AND SHEET 6 FOR DETAILS.

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.



**GLAZING DETAIL  
 DOOR PANEL  
 FIXED PANEL**



**GLAZING DETAIL  
 SIDELITE**

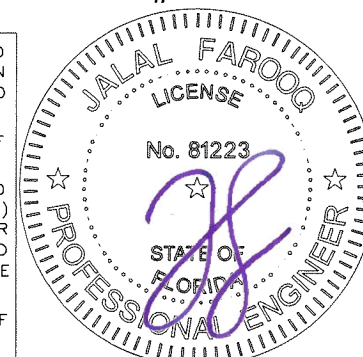
**INSTRUCTIONS:**  
 USE CHARTS AS FOLLOWS.

- 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 CAPACITIES SEE SHEET 2.
- STEP 3** FOR SIDELITE PANEL (O) CAPACITY SEE SHEET 3.
- STEP 4** FOR SIDELITE COMBINATION WITH DOOR SEE MULLION CAPACITY CHART ON SHEET 5.
- STEP 5** THE LOWEST VALUE RESULTING FROM STEPS 2, 3 AND 4 SHALL APPLY TO ENTIRE SYSTEM.

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.

Sealed: 7/26/2023

FL #32381

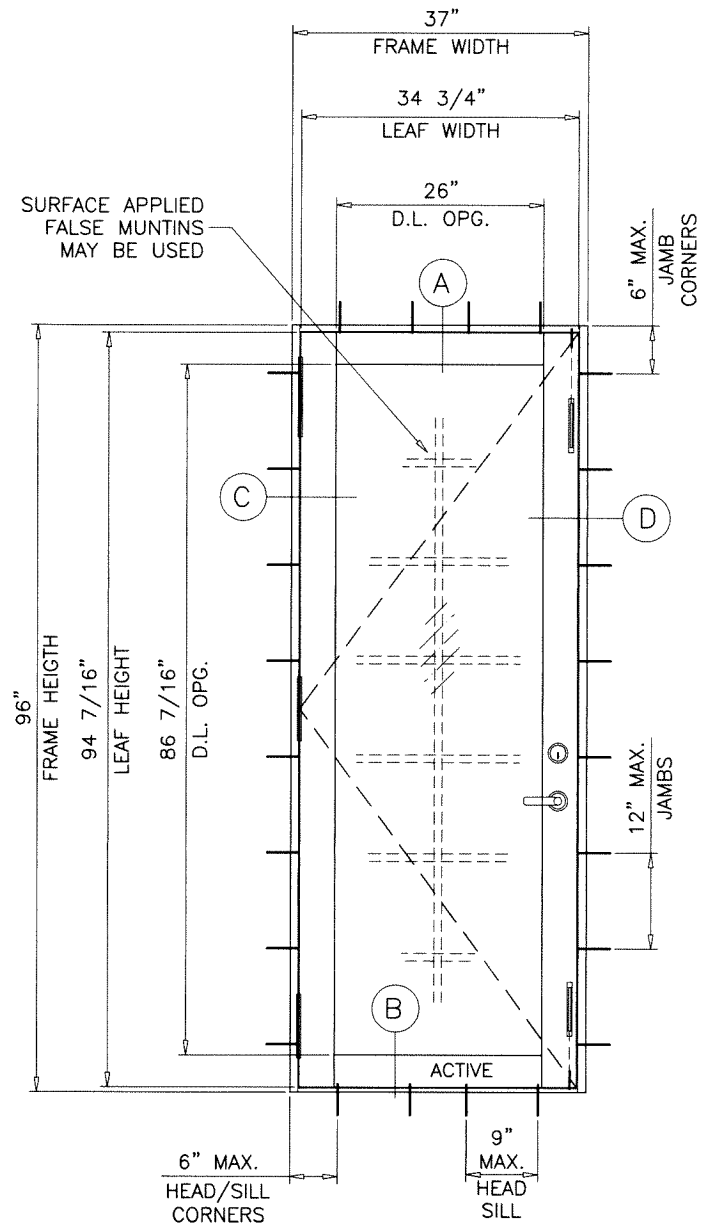


**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173 (C.A.N. 3538)  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\20-42F-SWM

SERIES-2001 ALUMINUM OUTSWING DOOR (N.I.)  
**Sunshine Windows Manufacturing, Inc.**  
 1785 West 33rd Place  
 Hialeah, FL. 33012  
 Tel. (305) 364-9952 Fax. (305) 828-5118

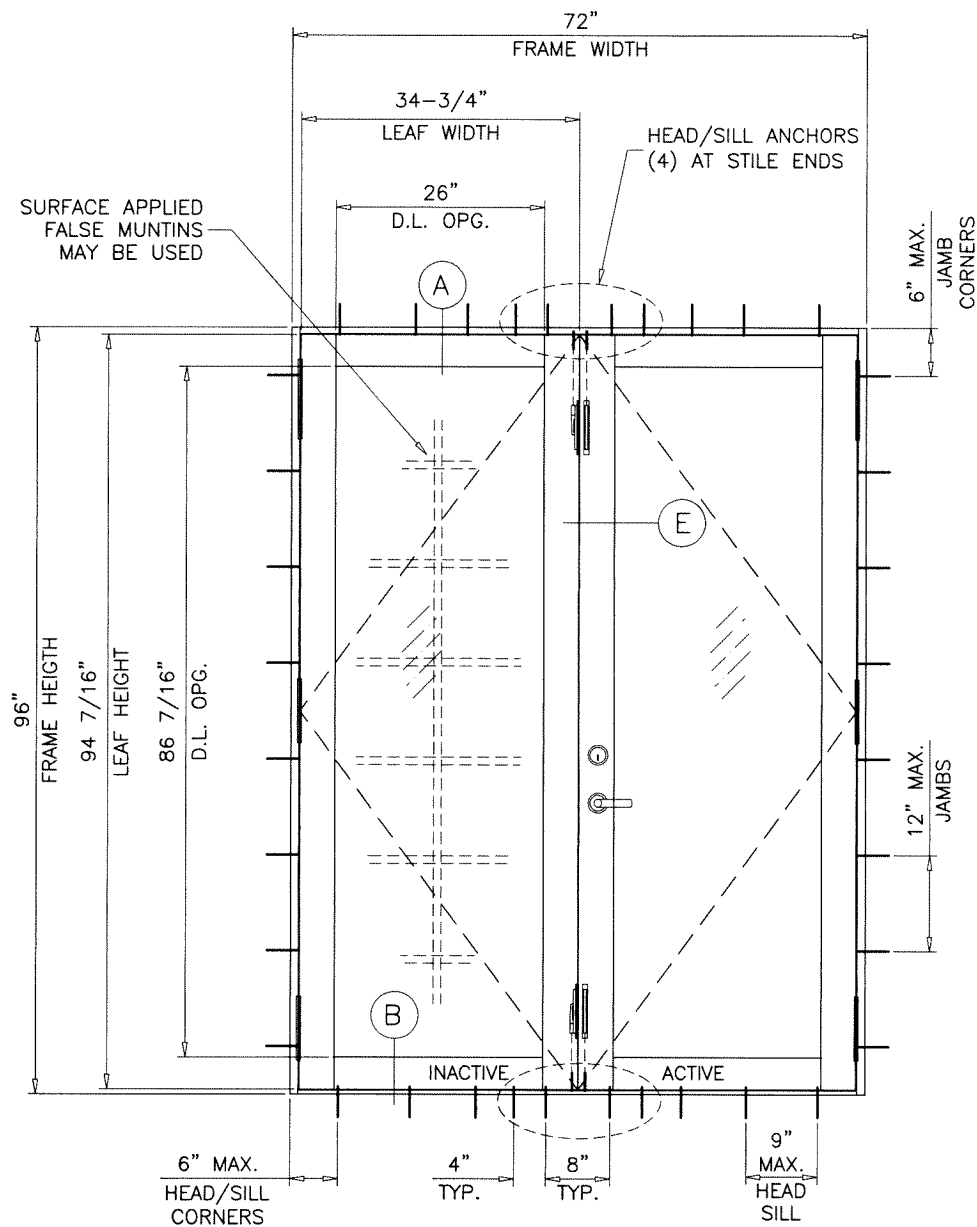
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B	07.24.23	UPDATED TO 2023 FBC

date: 04-29-20  
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 dr. by: TARIQ  
 chk. by:  
 drawing no. 20-42F  
 sheet 1 of 14



TYPICAL ELEVATION  
( X )

SINGLE DOORS LOAD CAPACITY - PSF 3/16" TEMP. GLASS					
FRAME		LEAF		EXT.(+)	INT.(-)
WIDTH	HEIGHT	WIDTH	HEIGHT		
37"	84"	34-3/4"	82-7/16"	80.0	102.8
	96"		94-7/16"	80.0	90.0



TYPICAL ELEVATION  
( XX )

DOUBLE DOORS LOAD CAPACITY - PSF 3/16" TEMP. GLASS					
FRAME		LEAF		EXT.(+)	INT.(-)
WIDTH	HEIGHT	WIDTH	HEIGHT		
72"	84"	34-3/4"	82-7/16"	80.0	102.8
	96"		94-7/16"	80.0	90.0

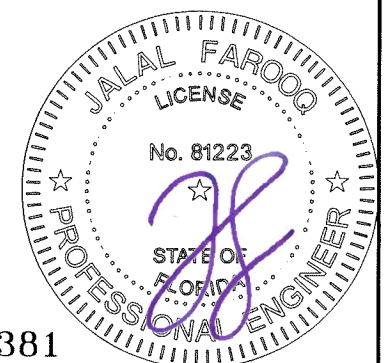
GLASS D.L.O. FORMULAE:  
 D.L.O. WIDTH = FRAME WIDTH - 11.0" (X DOORS)  
 = (FRAME WIDTH - 20.0")/2 (XX DOORS)  
 D.L.O. HEIGHT = FRAME HEIGHT - 9.5625"

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

EXTERIOR(+) LOADS SHOWN IN CHARTS ABOVE ARE FOR INSTALLATIONS  
 WHERE WATER INFILTRATION RESISTANCE IS NOT REQUIRED.  
 FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED  
 LIMIT MAX. EXTERIOR LOADS TO +75 PSF (WITH STD. THRESHOLD).  
 ADA THRESHOLD NOT APPROVED FOR WATER INFILTRATION RESISTANCE.

Sealed: 7/26/2023

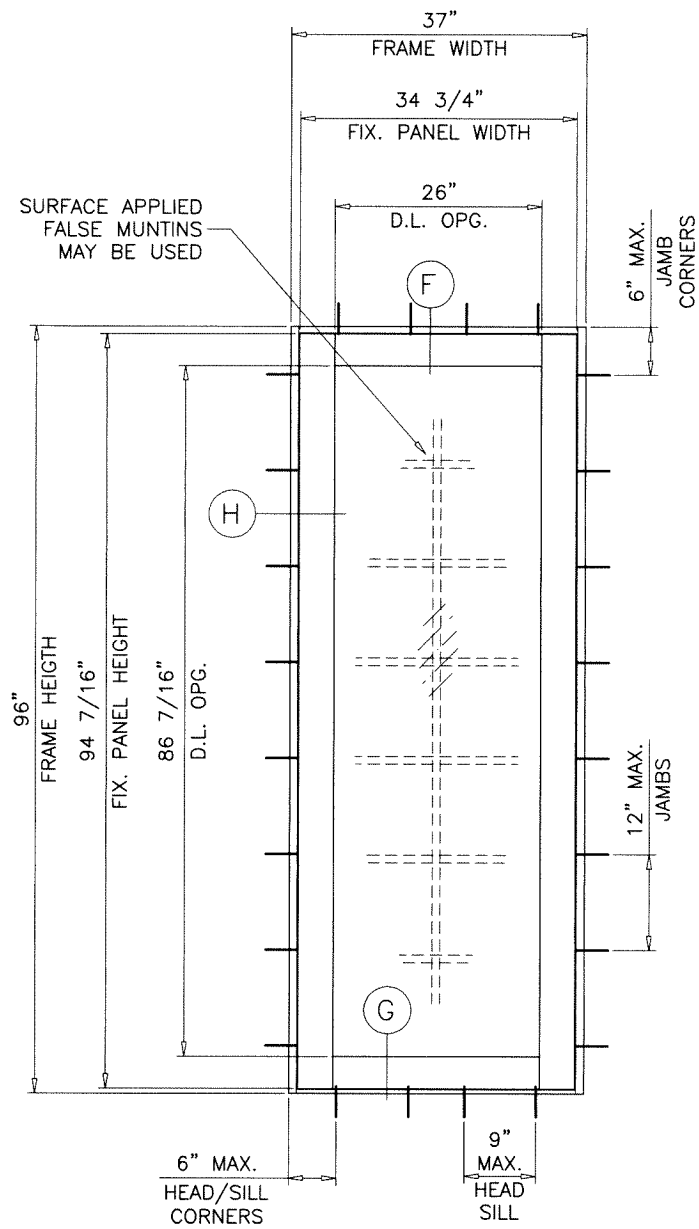
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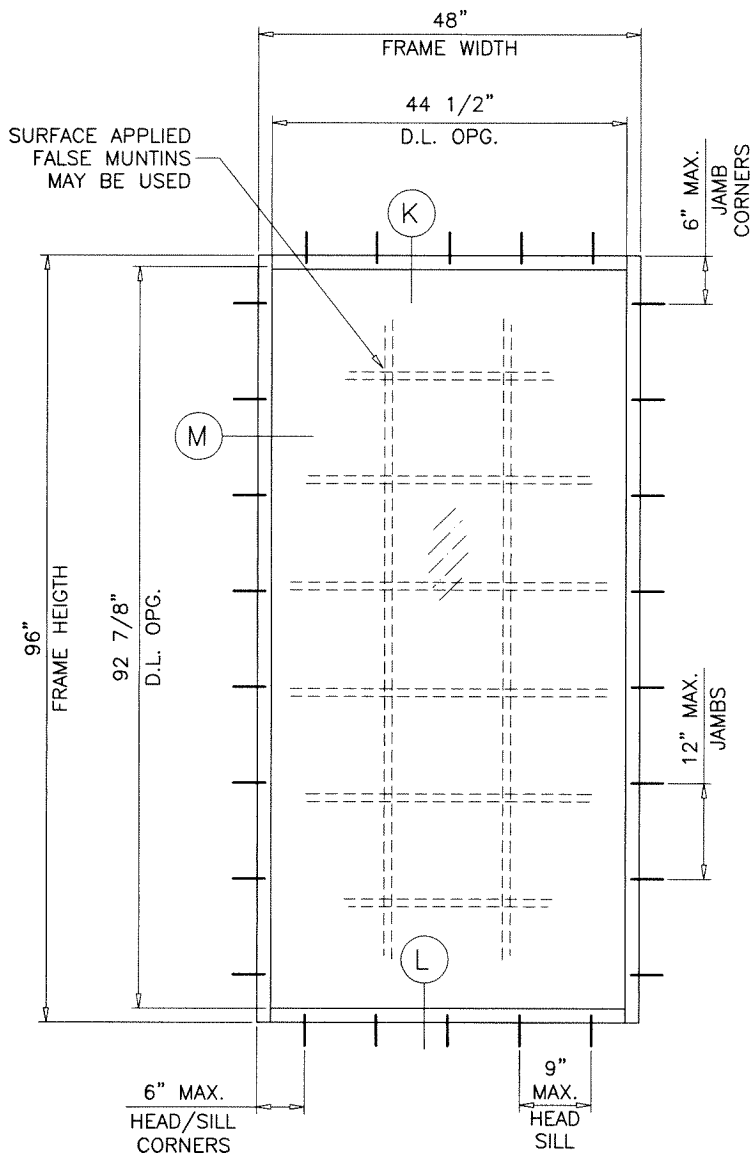
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drawing no.	20-42F			
sheet	2 of 14			



TYPICAL ELEVATION  
( O )

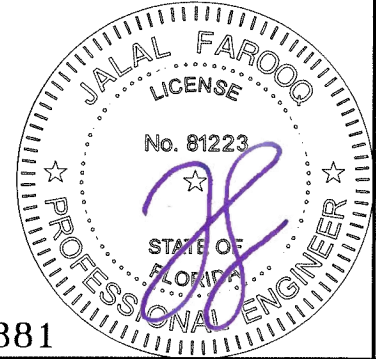


TYPICAL ELEVATION  
( O )

SIDELITE LOAD CAPACITY - PSF OR STAND ALONE STATIONARY PANEL (O) 3/16" TEMP. GLASS					
FRAME		PANEL		EXT.(+)	INT.(-)
WIDTH	HEIGHT	WIDTH	HEIGHT		
24"	84"	21-3/4"	82-7/16"	75.0	108.9
	96"		94-7/16"	75.0	106.7
30"	84"	27-3/4"	82-7/16"	75.0	90.9
	96"		94-7/16"	75.0	88.5
36"	84"	33-3/4"	82-7/16"	75.0	77.1
	96"		94-7/16"	75.0	76.6
37"	84"	34-3/4"	82-7/16"	75.0	75.0
	96"		94-7/16"	75.0	75.0

SIDELITE LOAD CAPACITY - PSF OR STAND ALONE STATIONARY PANEL (O) 1/4" TEMP. GLASS			
FRAME		EXT.(+)	INT.(-)
WIDTH	HEIGHT		
24"	84"	80.0	135.0
	96"	80.0	135.0
30"	84"	80.0	131.5
	96"	80.0	128.0
36"	84"	80.0	114.5
	96"	80.0	110.8
42"	84"	80.0	102.9
	96"	80.0	98.7
48"	84"	80.0	90.0
	96"	80.0	90.0

D.L.O. HEIGHT (SIDELITE) = FRAME HEIGHT - 3.5"  
D.L.O. WIDTH (SIDE LITE) = FRAME WIDTH - 3.125" Sealed: 7/26/2023



FL #32381

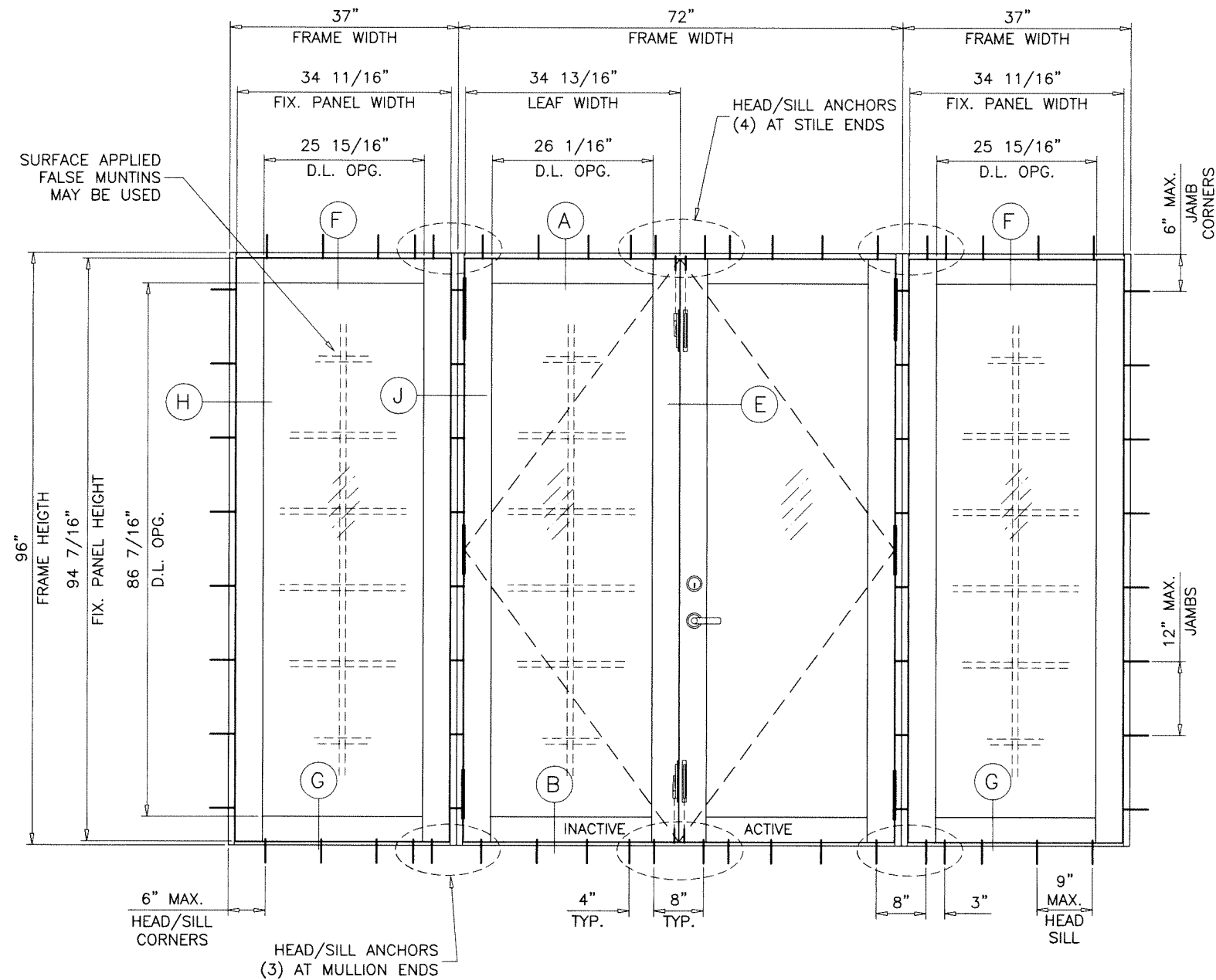
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 COMP-ANL\20-42F-SWM

SERIES-2001 ALUMINUM OUTSWING DOOR (N.I.)  
**Sunshine Windows Manufacturing, Inc.**  
 1785 West 33rd Place  
 Hialeah, FL. 33012  
 Tel. (305) 364-9952 Fax. (305) 828-5118

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 chk. by:

drawing no.  
**20-42F**  
 sheet 3 of 14



TYPICAL ELEVATION  
( O-XX-O )

DOOR WITH FIXED PANEL



Sealed: 7/26/2023

FL #32381

**afc**  
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 COMP-ANL\20-42F-SWM

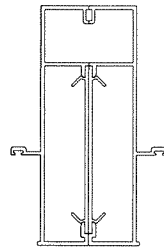
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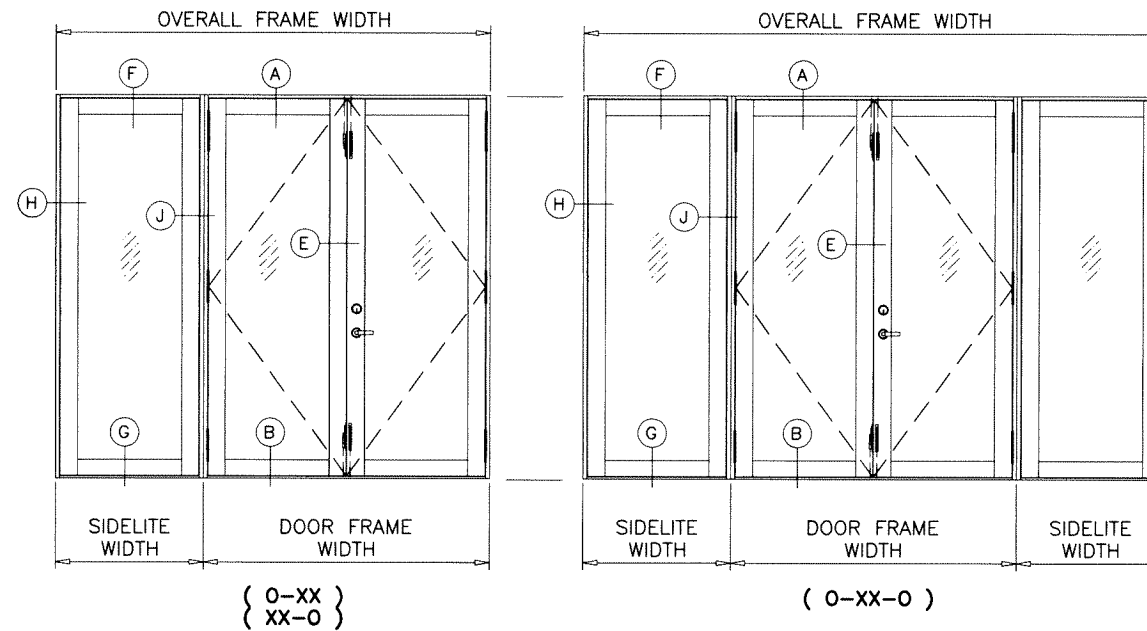
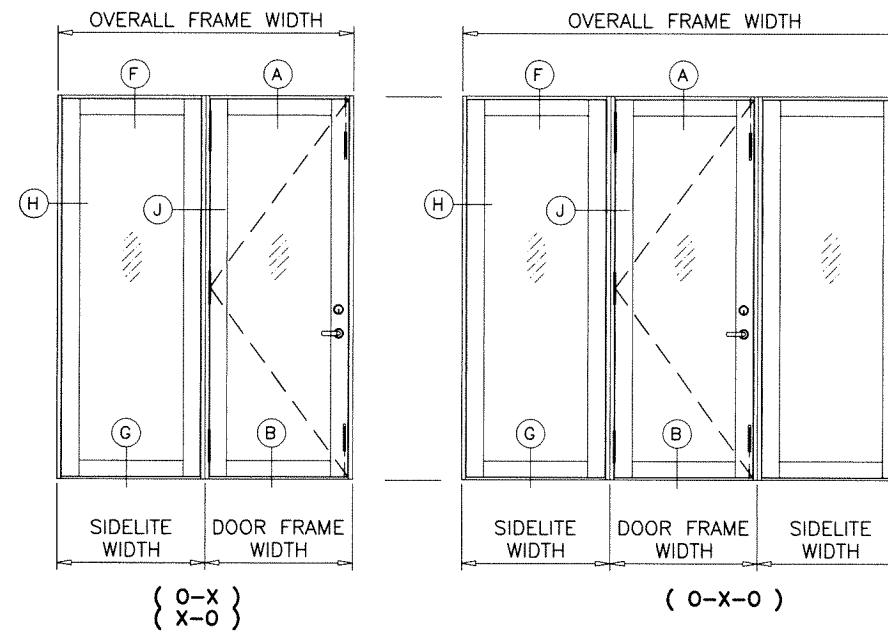
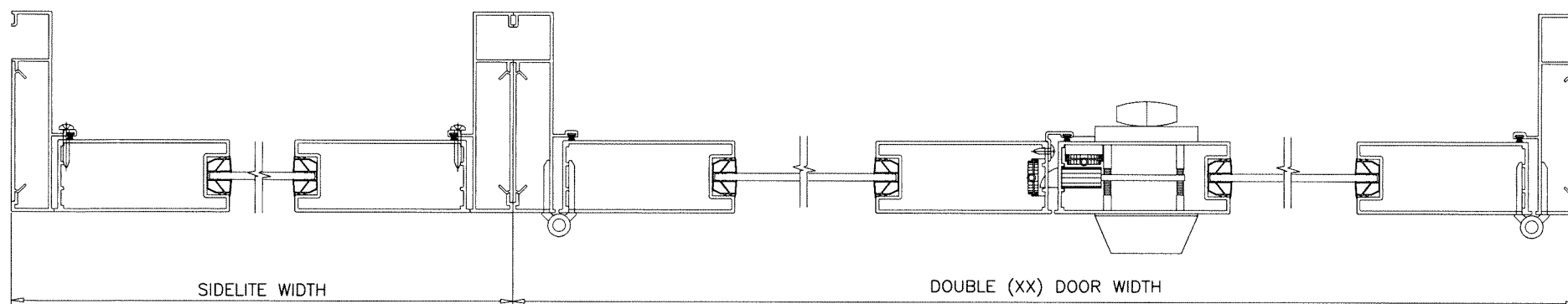
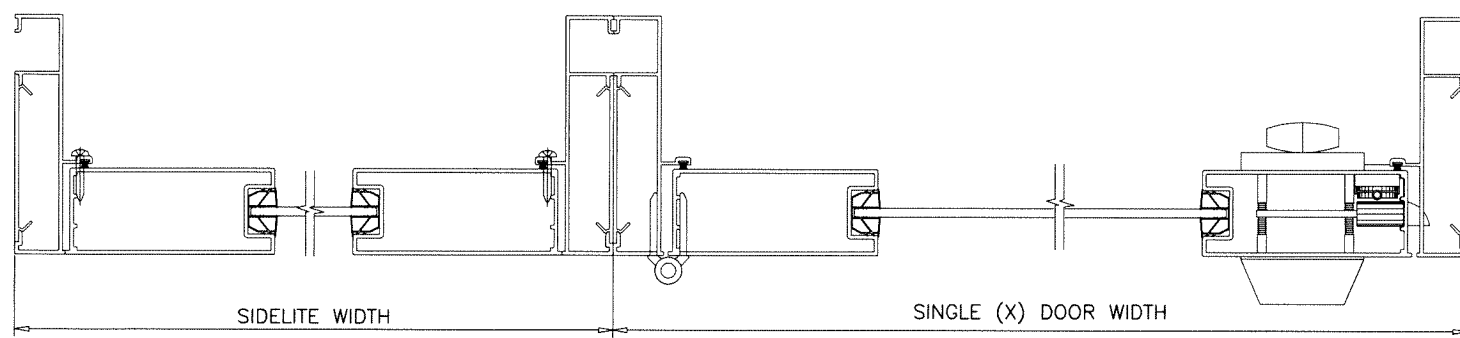
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 sheet 4 of 14

DESIGN LOAD CAPACITY - PSF DOOR TO FIXED PANEL MULLION		
SIDELITE WIDTH INCHES	FRAME HEIGHT INCHES	EXT. (+) INT. (-)
24	84	102.6
30		95.5
36		89.6
37		88.7
24	96	87.3
30		81.0
36		75.8
37		75.0



DOOR TO FIXED PANEL MULLION

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

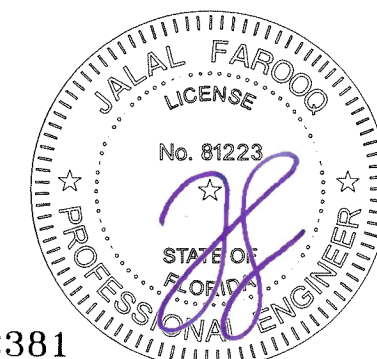


APPROVED CONFIGURATIONS

NOTE:  
THE FRAME AREA OF ALTERNATE SIZE MUST NOT EXCEED 97.3 SQ. FT.

DOOR WITH FIXED PANEL

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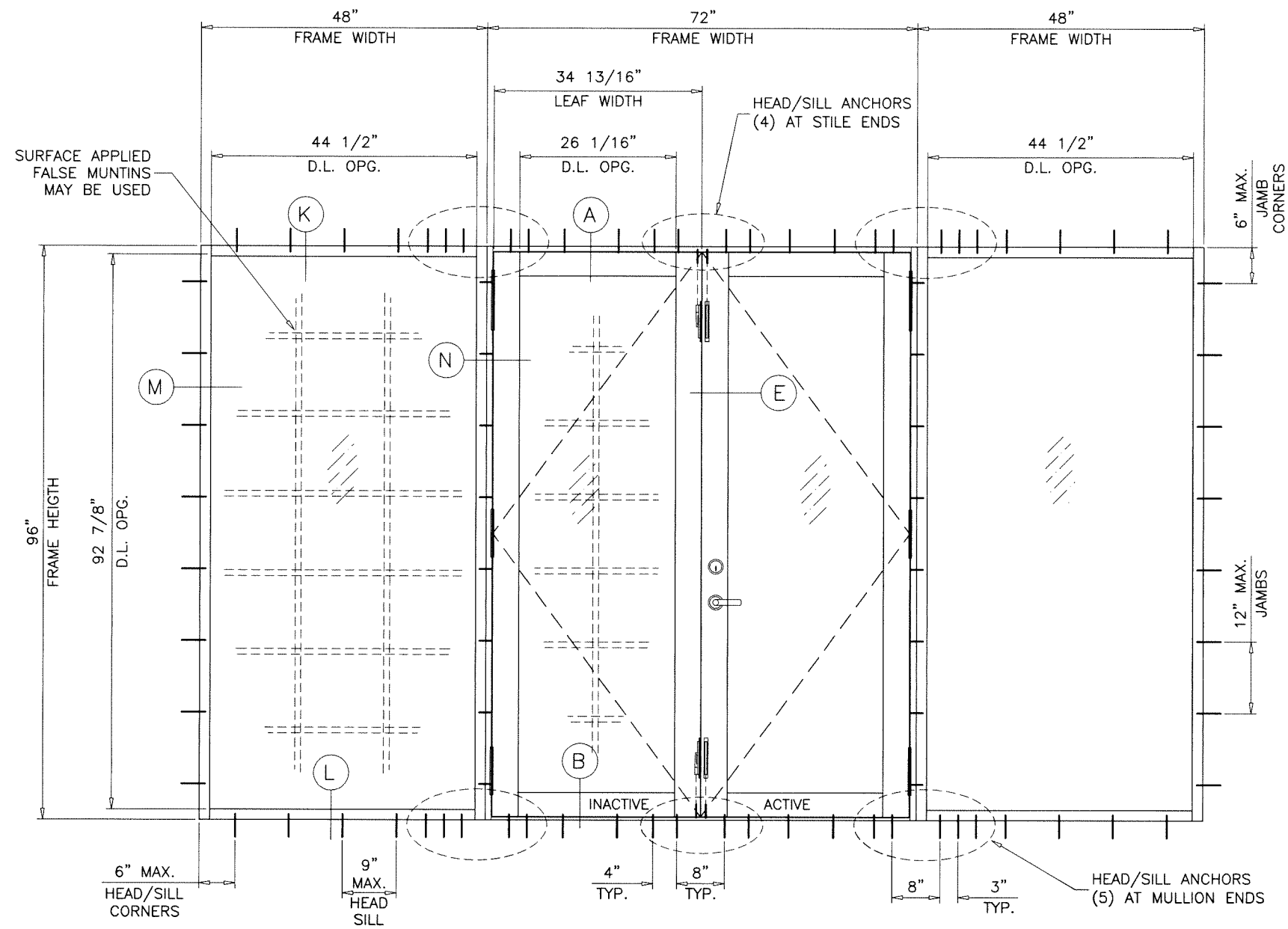


FL #32381

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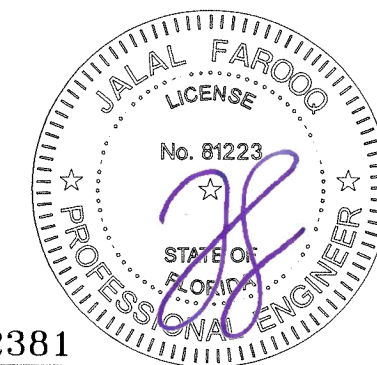


TYPICAL ELEVATION  
( O-XX-O )

DOOR WITH SIDELITE

Sealed: 7/26/2023

FL #32381



**af c**

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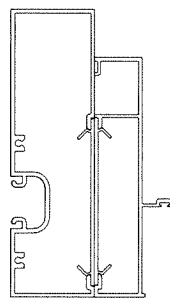
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 chk. by:

drawing no.  
**20-42F**

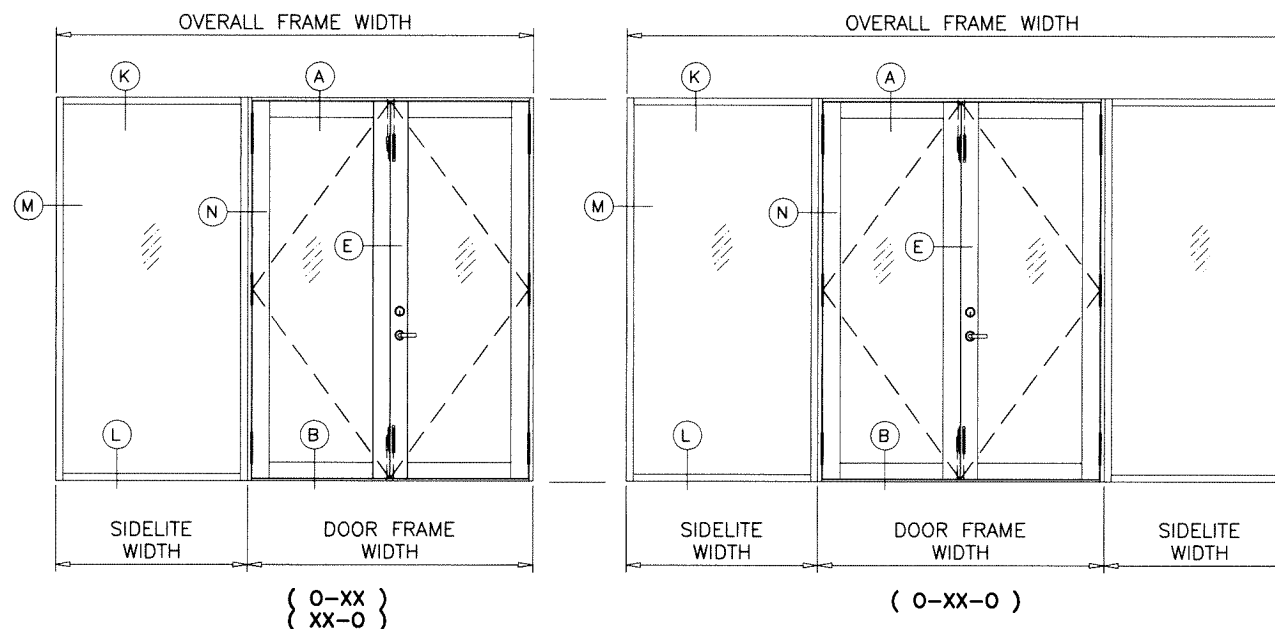
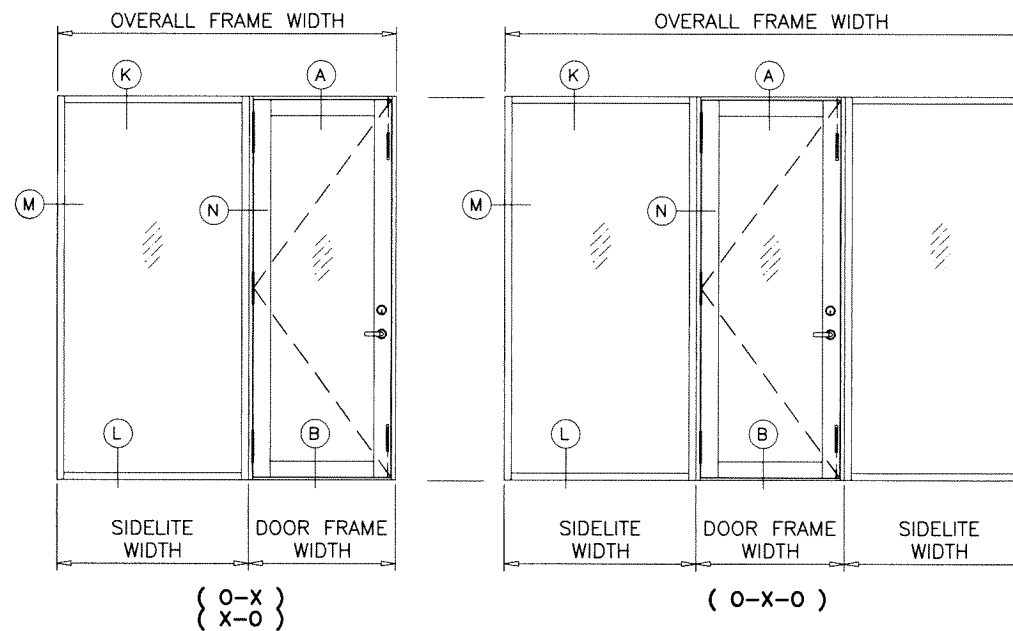
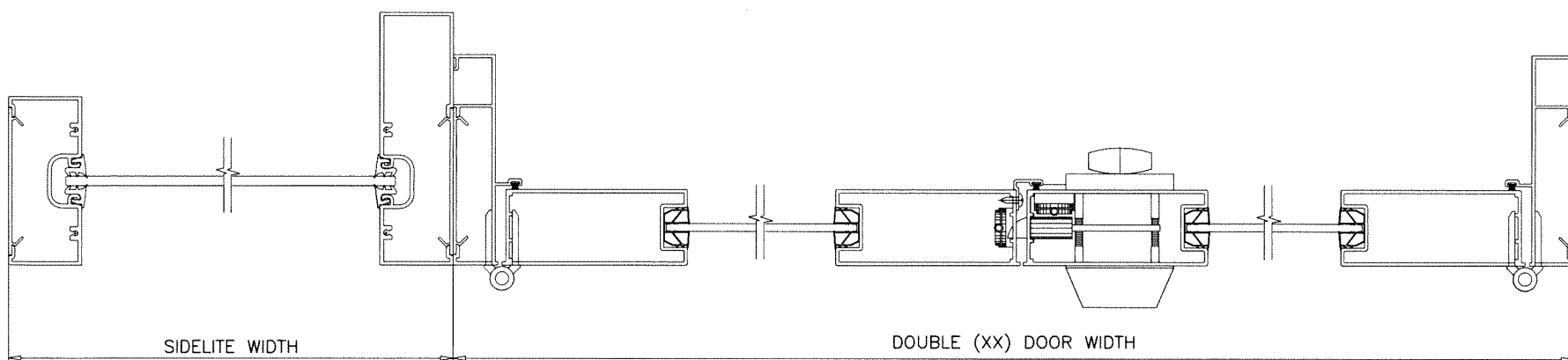
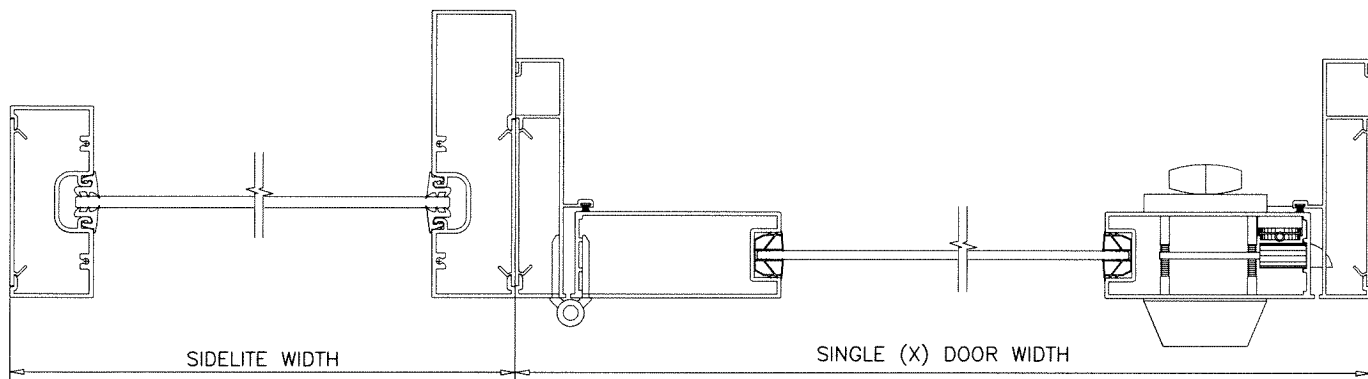
sheet 6 of 14

DESIGN LOAD CAPACITY - PSF DOOR TO SIDELITE MULLION		
SIDELITE WIDTH INCHES	FRAME HEIGHT INCHES	EXT. (+) INT. (-)
24	84	135.0
30		126.9
36		119.1
42		112.7
48		107.2
24	96	116.1
30		107.7
36		100.8
42		94.9
48		90.0



DOOR TO SIDELITE MULLION

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



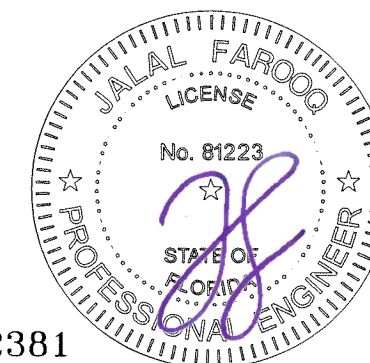
APPROVED CONFIGURATIONS

NOTE:  
THE FRAME AREA OF ALTERNATE SIZE MUST NOT EXCEED 112.0 SQ. FT.

DOOR WITH SIDELITE

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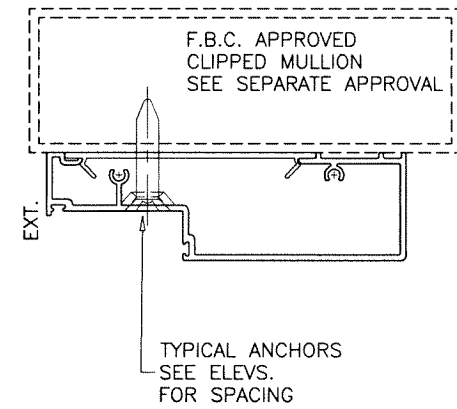
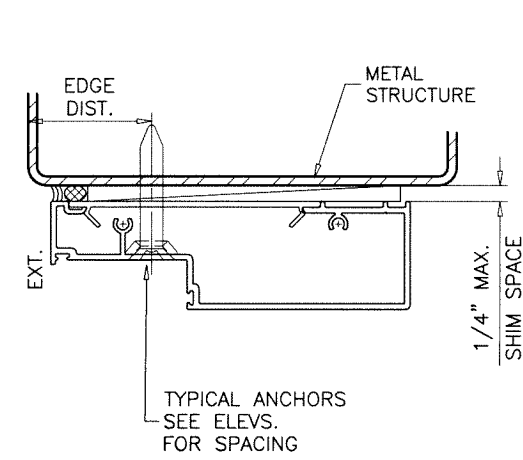
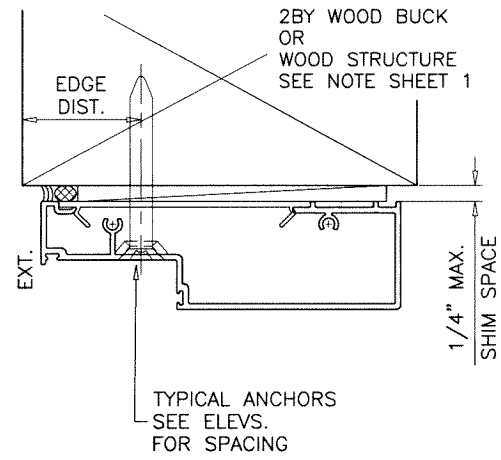
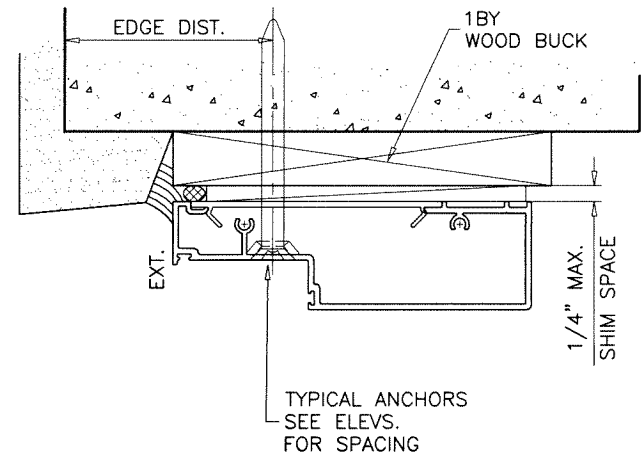
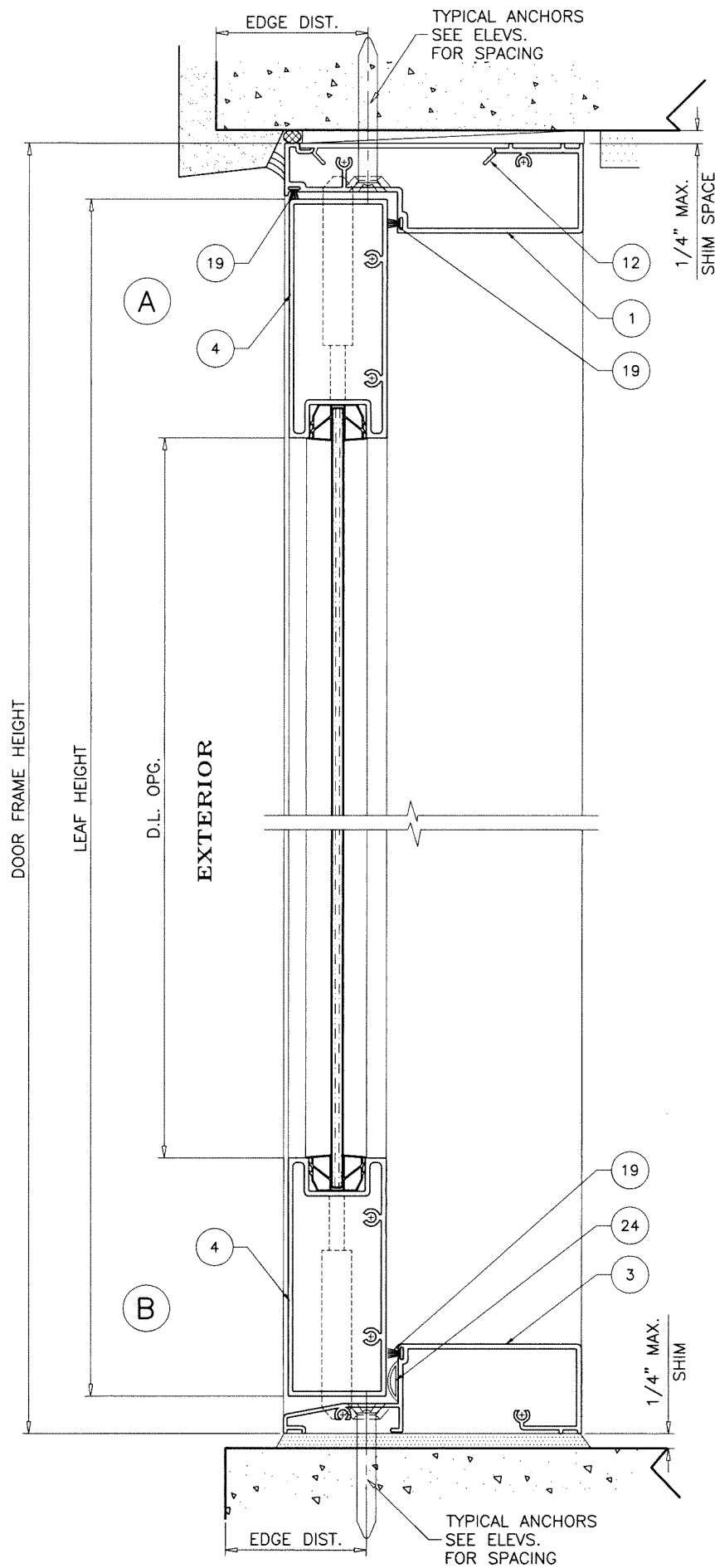
FL #32381



**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\20-42F-SWM

SERIES-2001 ALUMINUM OUTSWING DOOR (N.I.)  
**Sunshine Windows Manufacturing, Inc.**  
1785 West 33rd Place  
Hialeah, FL. 33012  
Tel. (305) 364-9952 Fax. (305) 828-5118

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date:	04-29-20	scale:	1/2"=1'-0"	
dr. by:	TARIQ	chk. by:		
drawing no.	20-42F			
sheet	7 of 14			



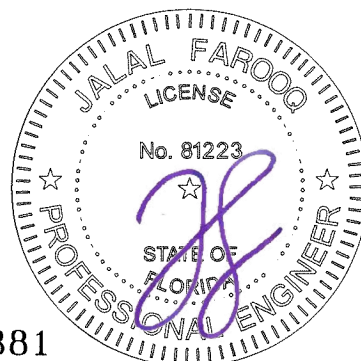
WOOD BUCKS AND METAL STRUCTURE NOT BY 'SUNSHINE WDW.' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING  
**1/4" DIA. ULTRACON+ BY 'DEWALT'** (Fu=164 KSI, Fy=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/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.

**DOOR DETAILS**



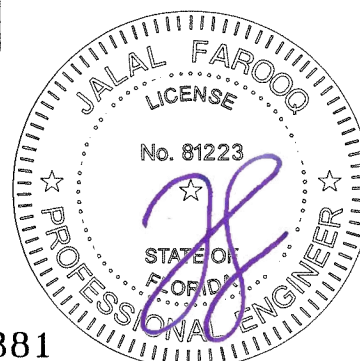
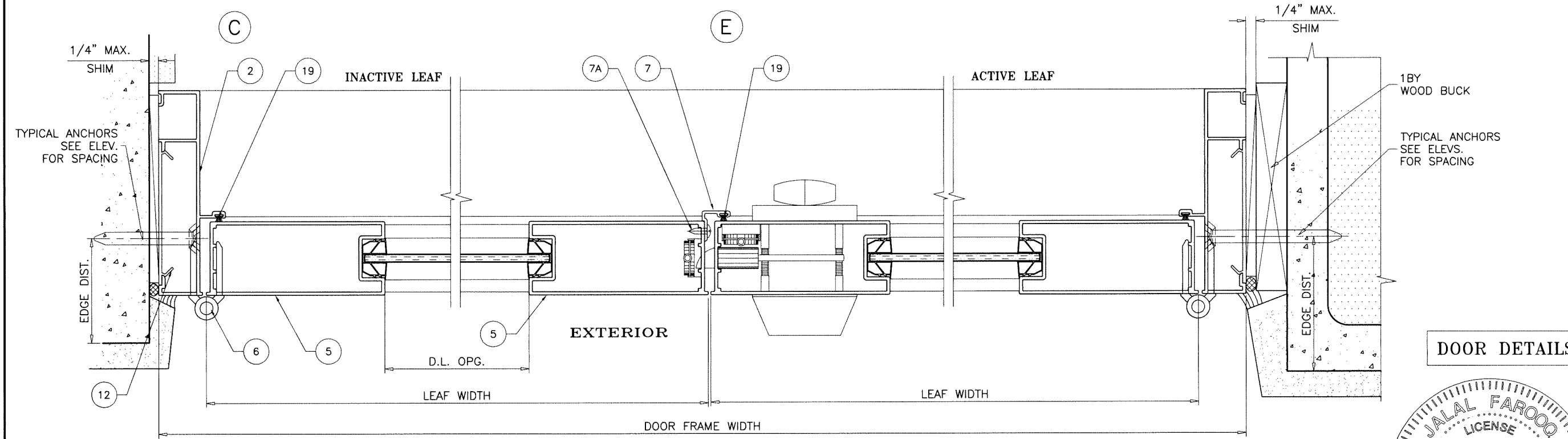
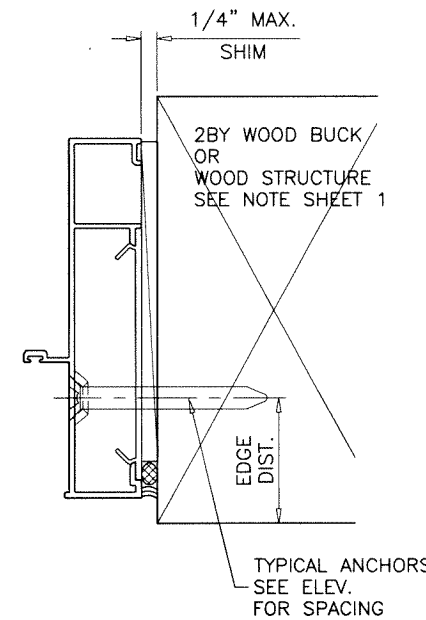
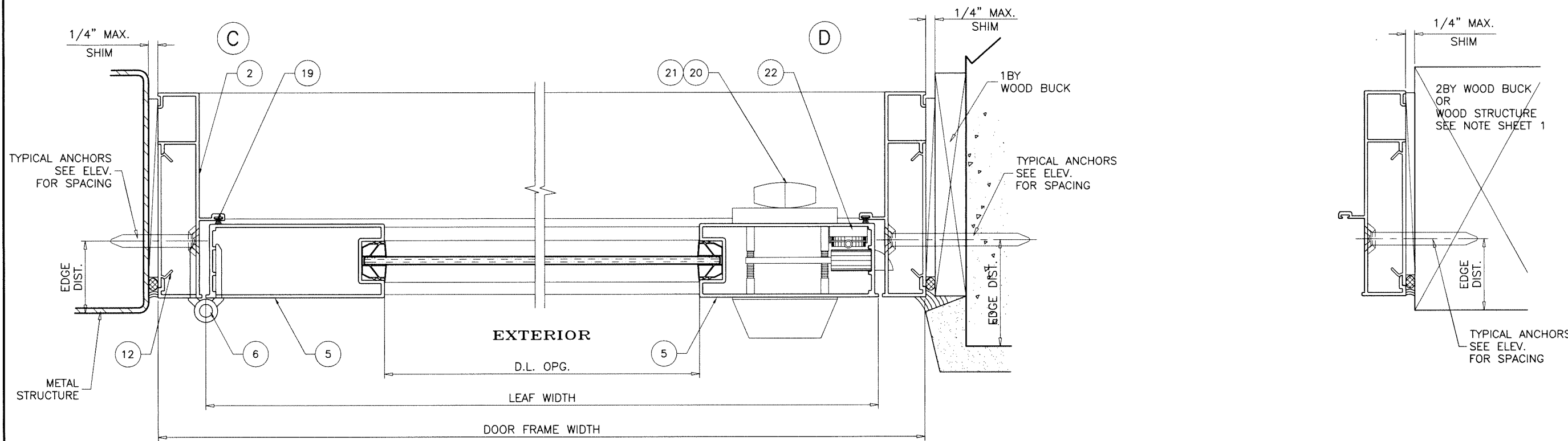
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FL #32381

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**AL-FAROOQ CORPORATION**  
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 MIAMI, FLORIDA 33173 (C.A.N. 3538)  
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sheet	8 of 14			



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FL #32381

**DOOR DETAILS**

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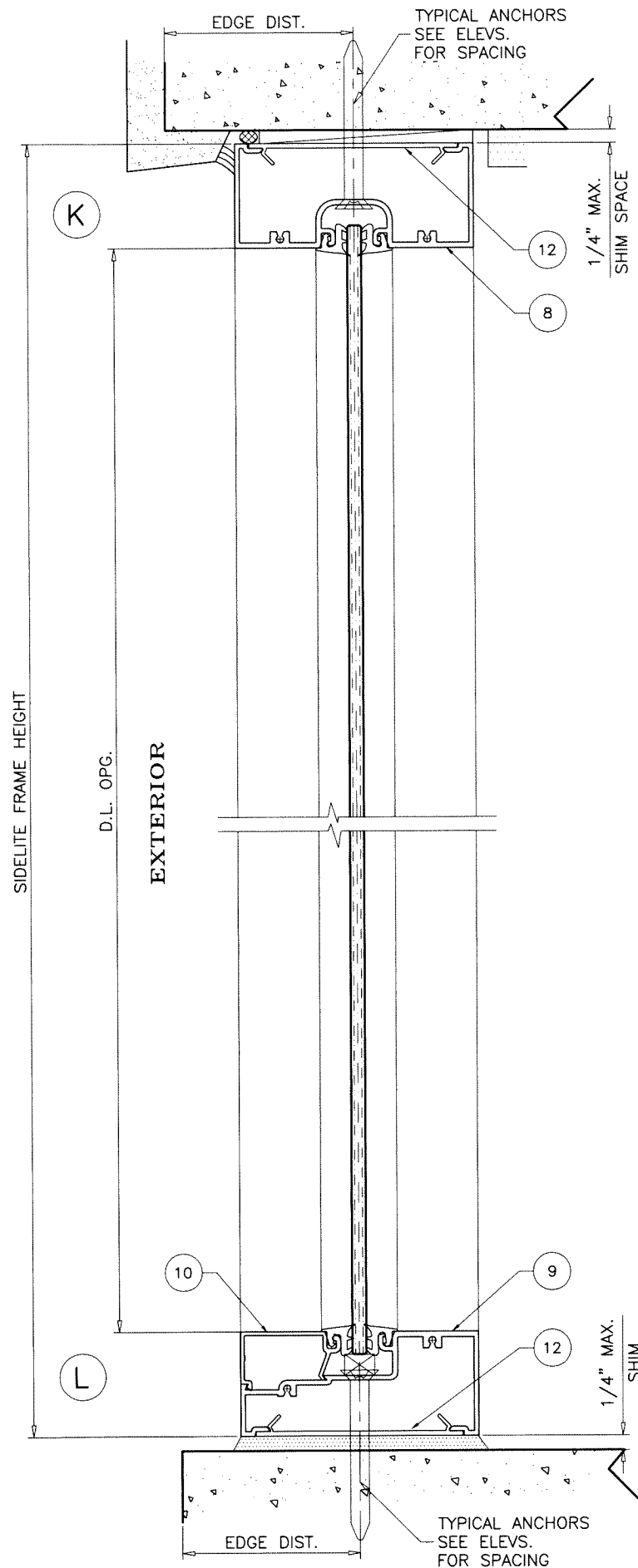
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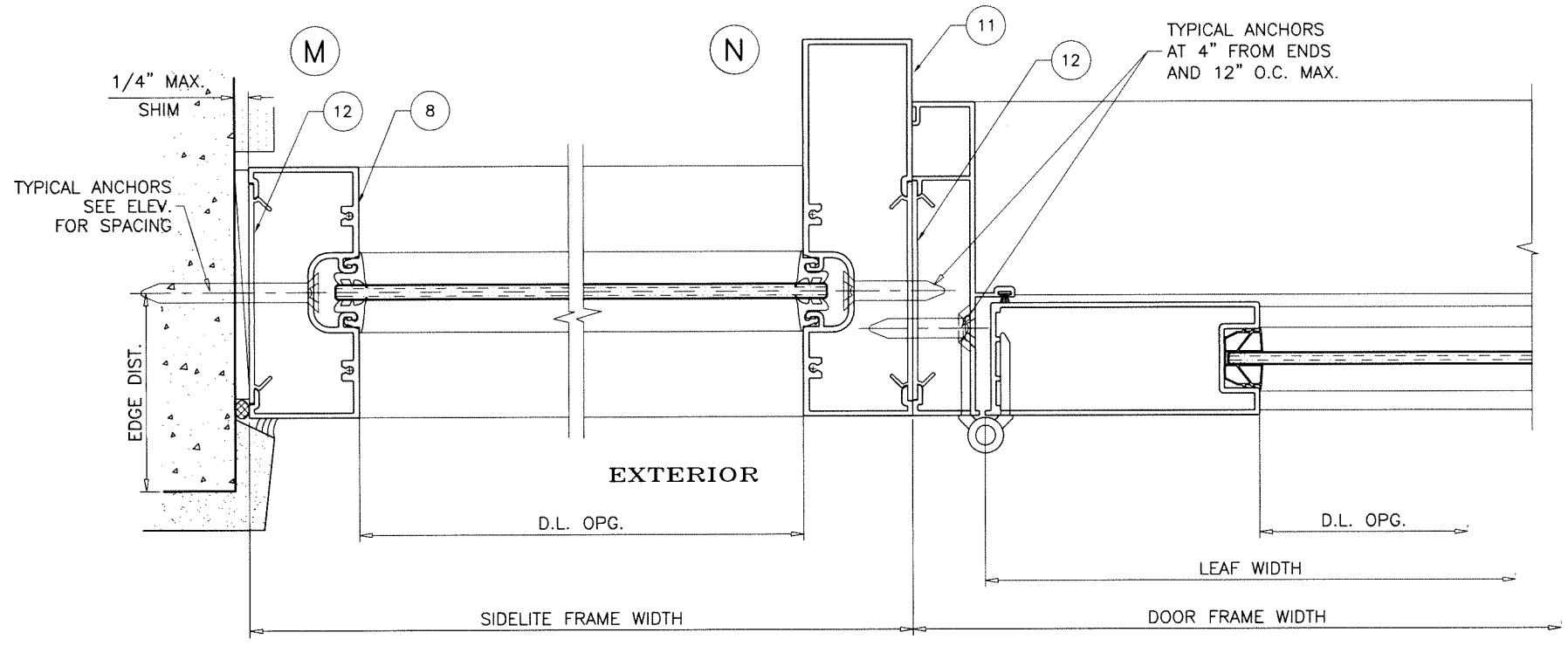
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 chk. by:

drawing no.  
**20-42F**  
 sheet 9 of 14





SIDELITES CAN BE INSTALLED IN ALL SUBSTRATES SHOWN ON SHEETS 8 & 9.



SIDELITE DETAILS



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**20-42F**

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ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	GAS-46913	1	DOOR FRAME HEAD	6063-T6	-
2	GAS-46912	2	DOOR FRAME JAMB	6063-T6	-
3	GAS-46915	1	DOOR FRAME SILL	6063-T6	-
4	GAH-46914	AS REQD.	DOOR PANEL TOP & BOTTOM RAIL	6063-T5	-
5	GAH-46910	AS REQD.	DOOR PANEL STILE	6063-T6	-
6	GAH-46917	3/ LEAF	DOOR HINGE	6063-T5	-
7	GAS-46916	AS REQD.	ASTRAGAL ADAPTER	6063-T5	-
7A	#8 X 5/8"	AS REQD.	ASTRAGAL FASTENERS, AT 2" FROM ENDS & 14" O.C. MAX.	STEEL	PH SMS
8	GAS-30655	AS REQD.	SIDELITE HEAD & JAMB	6063-T5	-
9	GAS-30656	AS REQD.	SIDELITE SILL	6063-T5	-
10	GAS-30657	AS REQD.	SIDELITE SILL STOP	6063-T5	-
11	GAS-43890	AS REQD.	SIDELITE MULLION	6063-T6	-
12	GAS-40926	AS REQD.	FLAT FILL COVER	6063-T6	-
13	#10 X 1"	AS REQD.	DOOR FRAME ASSEMBLY FASTENERS	STEEL	PH SMS
14	#10 X 1-1/2"	AS REQD.	PANEL ASSEMBLY FASTENERS	STEEL	PH SMS
15	#8 X 1"	AS REQD.	SIDELITE ASSEMBLY FASTENERS	STEEL	PH SMS
17	MPI 3046	AS REQD.	SIDELITE GLAZING GASKET	PVC	DUROMETER 70±5 SHORE A
18	MPI 5547	AS REQD.	PANEL GLAZING GASKET	PVC	DUROMETER 70±5 SHORE A
19	W33321NK0020	AS REQD.	ULTRA FIN WEATHERSEAL	POLYPROYLENE	ULTRAFAB
20	2090L3ZAB3BP	1	PASSAGE LEVER	ZINC	-
21	2900DZ1ABBP	1	DEAD BOLT	ZINC	-
22	SERIES 2508	2/ LEAF	FLUSH BOLTS	ZINC	-
24	X109HT100	AS REQD.	D SECTION RUBBER SEAL	EPDM	TRIMLOCK
25	-	2/ LITE	SIDELITE SETTING BLOCKS, AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A
26	#10 X 1"	AS REQD.	FIX. PANEL FASTENERS, AT 1" & 4" FROM EACH END AND 12" O.C. MAX.	STEEL	PH SMS
27	-	-	-	-	-

**LOCK OPTIONS:**

**ACTIVE LEAF:**

SURFACE MOUNT DEAD BOLT LOCK BY 'REGENT' AT 42-1/2" FROM BOTTOM, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR FASTENED TO ACTIVE LEAF LOCK STILE WITH (2) #8-32-28 X 2-1/4" OH MS LEVER TYPE METALLIC HANDLE AT 36-1/4" FROM BOTTOM, FASTENED TO ACTIVE LEAF LOCK STILE WITH (2) #8-32 X 1" PH MS. AND (2) #8 X 5/8" FH SMS

SERIES 2508 FLUSH BOLTS BY 'REGENT' MANUALLY OPERATED LEVERS MOUNTED ON INSIDE FACE OF LEAF STILE LOCATED AT 56" FROM TOP AND 12" FROM BOTTOM FASTENED TO LOCK STILE WITH #8-32 X 1/2" FH SMS (2) PER BOLT

(2) SURFACE MOUNT STRIKE PLATES FACING LOCKS AT 36-1/4" AND 42-1/4" FROM BOTTOM FASTENED TO JAMB/INACTIVE STILE WITH (2) #8 X 1/2" FH SMS

**INACTIVE LEAF:**

SERIES 2508 FLUSH BOLTS BY 'REGENT' MANUALLY OPERATED LEVERS MOUNTED ON INSIDE FACE OF LEAF STILE LOCATED AT 56" FROM TOP AND 12" FROM BOTTOM FASTENED TO LOCK STILE WITH #8-32 X 1/2" FH SMS (2) PER BOLT

**HINGES:**

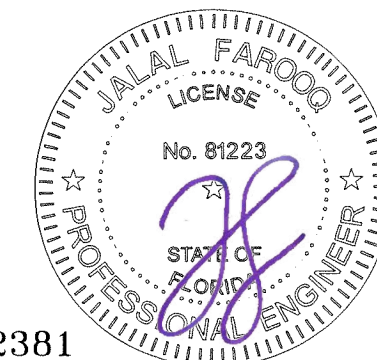
8" LONG SURFACE MOUNT ALUMINUM BUTT HINGES 3 PER LEAF TOP AND BOTTOM HINGES AT 10" FROM ENDS INTERMEDIATE HINGE AT MID SPAN FASTENED TO FRAME AND PANEL WITH #10 X 3/4" TRUSS HEAD SMS (3) PER HASP(LEAF)

**SEALANTS:**

ALL FRAME AND LEAF JOINTS AND SEAMS SEALED WITH DOWSIL 791 SILICONE.

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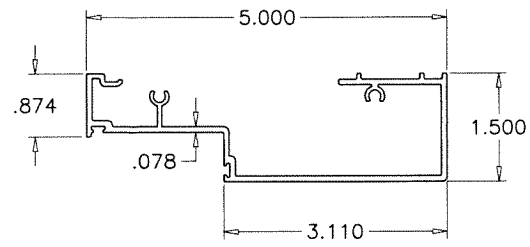
**AL-FAROOQ CORPORATION**  
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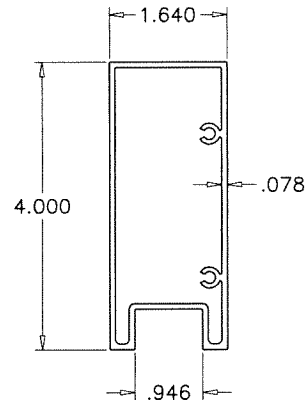
**Sunshine Windows Manufacturing, Inc.**  
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drawing no.	20-42F			
sheet	12 of 14			

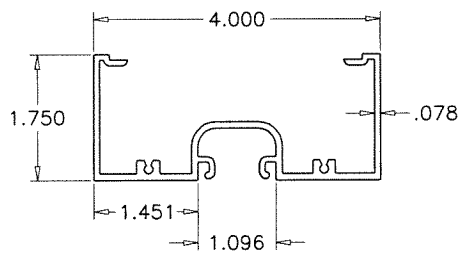
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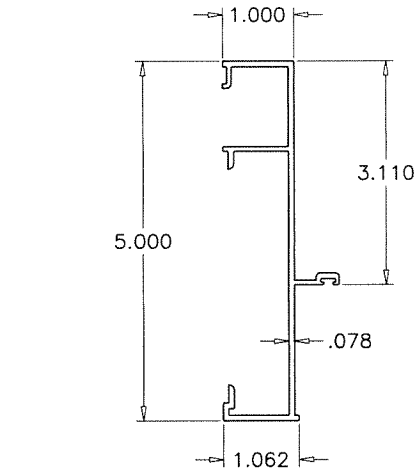
1 DOOR FRAME HEAD



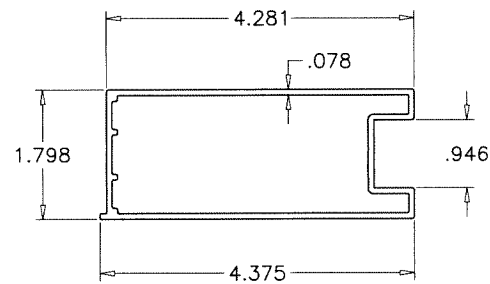
4 DOOR PANEL TOP & BOTTOM RAIL



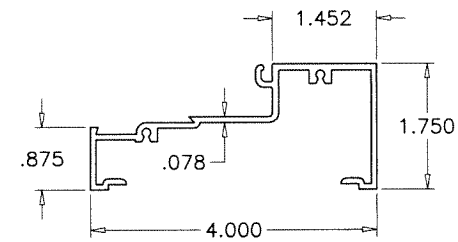
8 SIDELITE HEAD & JAMB



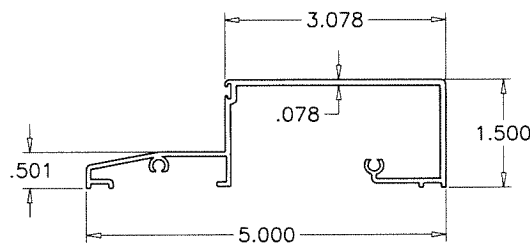
2 DOOR FRAME JAMB



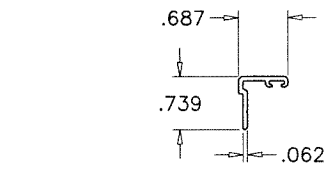
5 DOOR PANEL STILE



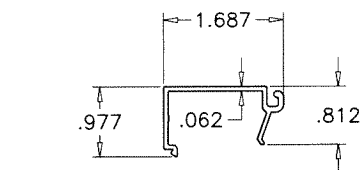
9 SIDELITE SILL



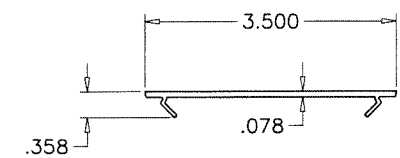
3 DOOR FRAME SILL



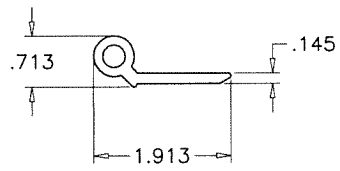
7 ASTRAGAL ADAPTER



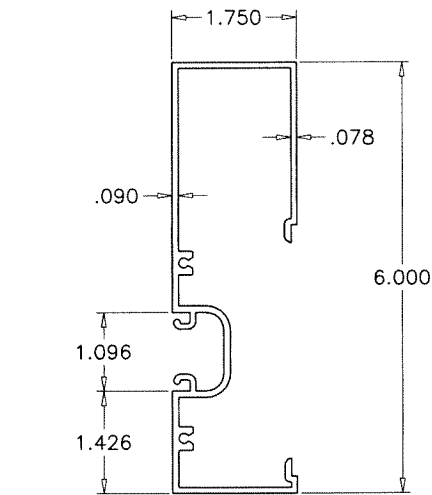
10 SIDELITE SILL STOP



12 FLAT FILL COVER



6 DOOR HINGE



11 SIDELITE MULLION

afc

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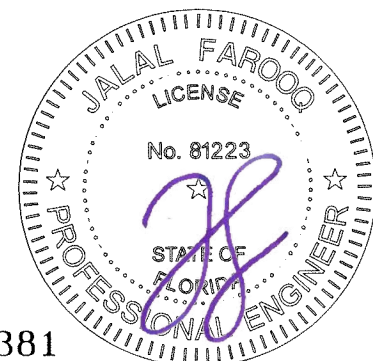
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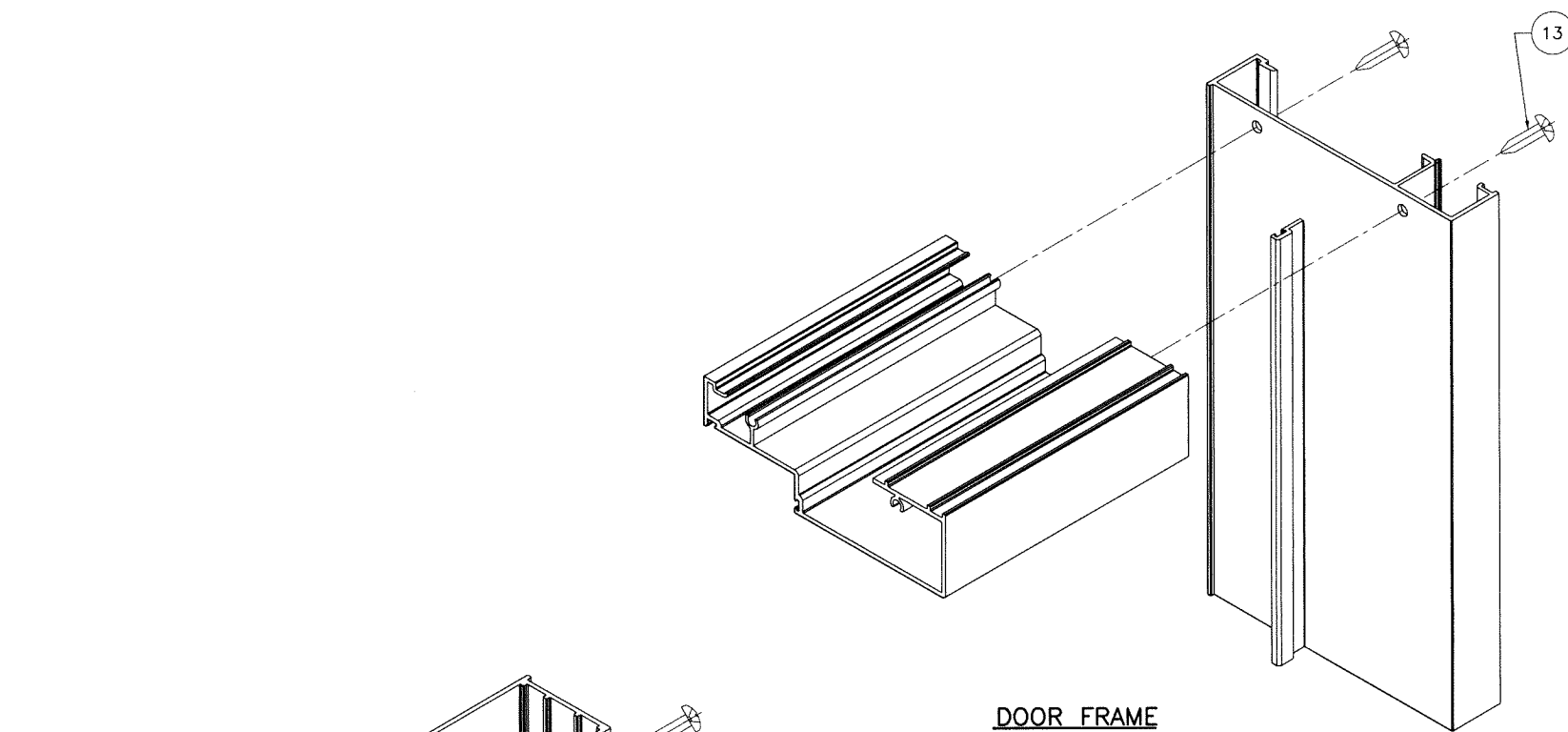
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**20-42F**

sheet 13 of 14

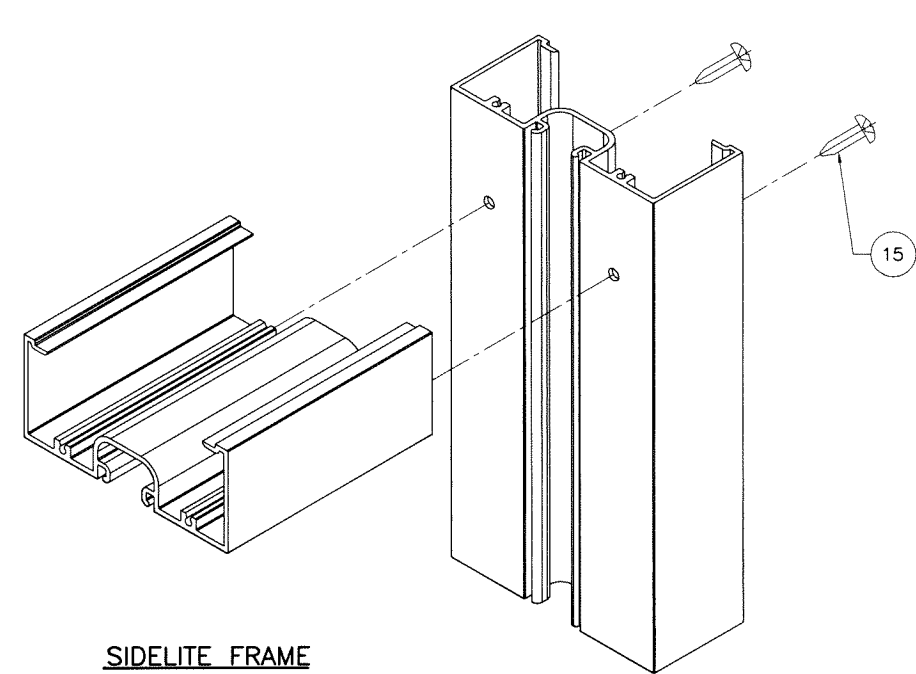
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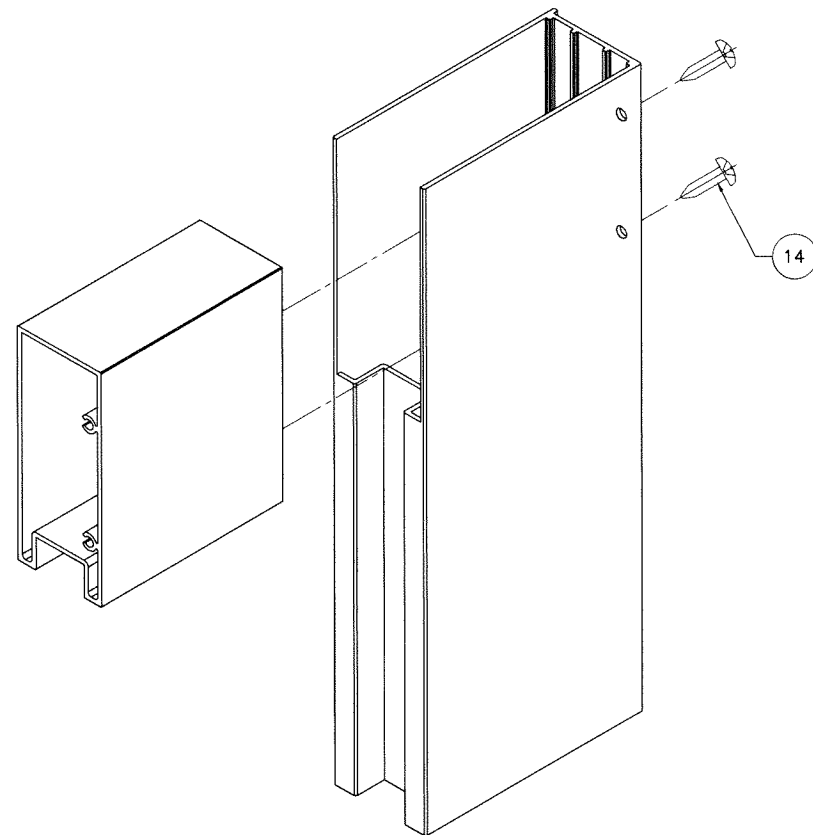
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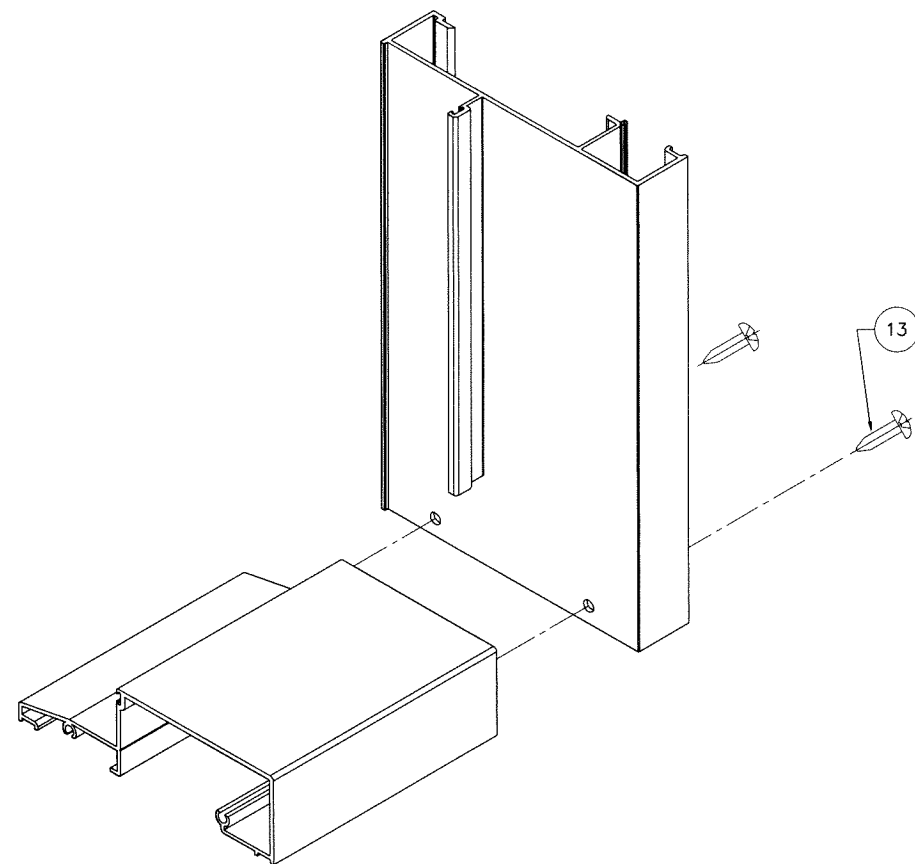
DOOR FRAME  
TOP CORNER



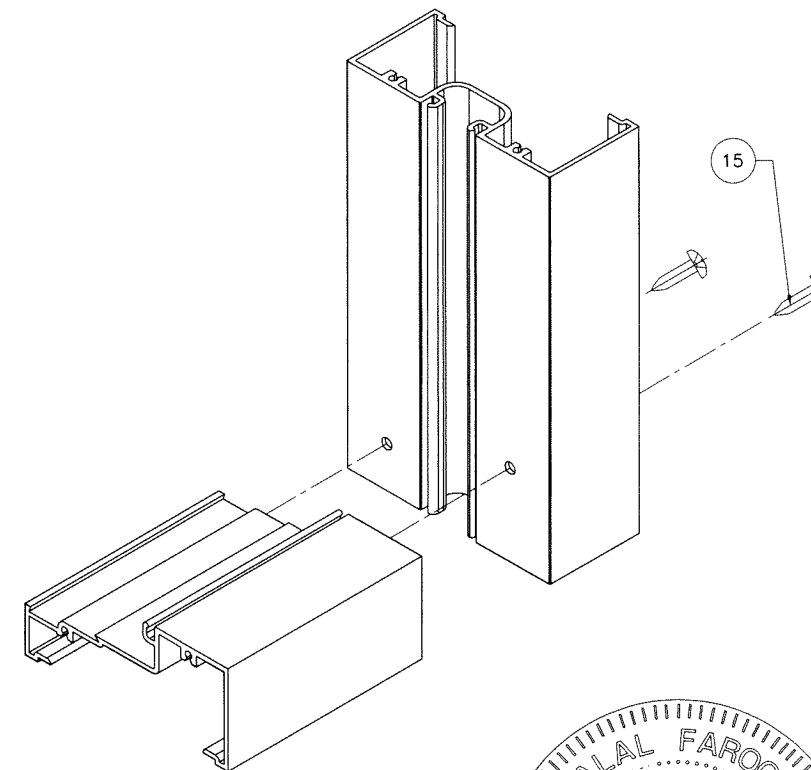
SIDELITE FRAME  
TOP CORNER



DOOR LEAF TOP/BOTTOM CORNER



DOOR FRAME  
BOTTOM CORNER



SIDELITE FRAME  
BOTTOM CORNER

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