



Product Approval
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OFFICE OF THE SECRETARY

FL #	FL31579-R4								
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	FL31579_R4_COI_SS - Certificate of Independence 2023.pdf								
Referenced Standard and Year (of Standard)	<table border="0"> <thead> <tr> <th>Standard</th> <th>Year</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>	Standard	Year	TAS 201	1994	TAS 202	1994	TAS 203	1994
Standard	Year								
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

04/25/2025

Date Validated

04/25/2025

Date Pending FBC Approval

04/29/2025

Date Approved

06/10/2025

Summary of Products

FL #	Model, Number or Name	Description
31579.1	Series 2011 Aluminum Outswing Entrance Door	Large missile impact resistant aluminum outswing entrance door.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +110/-110 Other: See drawings 20-04F for span vs load combination and installation details		Installation Instructions FL31579_R4_II_SS - 2011 FD (LMI) - DWG 20-0F 2023 R1.pdf Verified By: Jalal Farooq PE # 81223 Created by Independent Third Party: Yes Evaluation Reports FL31579_R4_AE_SS - 2011 FD (LMI) - PAE 2023 R1.pdf Created by Independent Third Party: Yes
31579.2	Series 2011 Aluminum Outswing 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: +100/-100 Other: See drawings 20-08F for span vs load combination and installation details.		Installation Instructions FL31579_R4_II_SS- 2011 OS ED (NI) - DWG 20-08F (2023).pdf Verified By: Jalal Farooq PE # 81223 Created by Independent Third Party: Yes Evaluation Reports FL31579_R4_AE_SS- 2011 FD (NI) - PAE 2023.pdf Created by Independent Third Party: Yes

[Back](#)

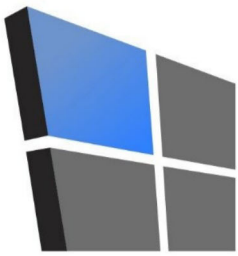
[Next](#)

Contact Us :: 2601 Blair Stone Road, Tallahassee FL 32399 Phone: 850-487-1824

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AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 31579

Date: 4/9/2025

Detailed Product Description:

Manufacturer: SUNSHINE WINDOWS MANUFACTURING, INC.

Manufacturer Address: 1785 W 33 PLACE, HIALEAH, FL 33012

Model Name: SERIES 2011 ALUMINUM OUTSWING FRENCH DOOR

Maximum Load: +110 PSF, -110 PSF (Large Missile Impact)

Installation Drawings # 20-04F

This product complies 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 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	Fenestration Testing Laboratory, Inc.	6/26/2015 7/22/2016	FTL-7832 FTL-8885	Idalmis Ortega, PE Idalmis Ortega, PE
		QAI Laboratories	1/21/2025	MED-1196a	Idalmis Ortega, PE
		Fenestration Testing Laboratory, Inc.	6/26/2015 7/22/2016	FTL-7832 FTL-8885	Idalmis Ortega, PE Idalmis Ortega, PE
ASTM E331 or ASTM 547 & TAS 202	Water Penetration	QAI Laboratories	1/21/2025	MED-1196a	Idalmis Ortega, PE
		Fenestration Testing Laboratory, Inc.	6/26/2015 7/22/2016 3/25/2020	FTL-7832 FTL-8885 FTL-11017	Idalmis Ortega, PE Idalmis Ortega, PE Idalmis Ortega, PE
ASTM E330 & TAS 202	Uniform Static Air Pressure	QAI Laboratories	1/21/2025	MED-1196a	Idalmis Ortega, PE
		Fenestration Testing Laboratory, Inc.	6/26/2015 7/22/2016 3/25/2020	FTL-7832 FTL-8885 FTL-11017	Idalmis Ortega, PE Idalmis Ortega, PE Idalmis Ortega, PE
AAMA 1304	Forced Entry	QAI Laboratories	1/21/2025	MED-1196a	Idalmis Ortega, PE
		Fenestration Testing Laboratory, Inc.	6/26/2015	FTL-7832	Idalmis Ortega, PE

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 ANSI Z97.1	Large Missile Impact & Cyclic	Fenestration Testing Laboratory, Inc.	6/26/2015 7/22/2016 3/25/2020	FTL-7832 FTL-8885 FTL-11017	Idalmis Ortega, PE Idalmis Ortega, PE Idalmis Ortega, PE
		QAI Laboratories	1/21/2025	MED-1196a	Idalmis Ortega, 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.

<p>Evaluation Report Engineer:</p> <p>Jalal Farooq Al-Farooq Corporation</p>	<div style="text-align: center;"> <p>JALAL FAROOQ LICENSE No. 81223 STATE OF FLORIDA PROFESSIONAL ENGINEER</p> </div> <p style="text-align: right;">Sealed: 4/14/2025</p>
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SERIES-2011

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 SHEET 6 FOR DETAILS.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 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 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 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.

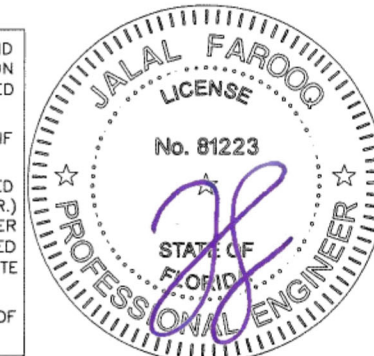
PRODUCT COMPLIES WITH REQUIREMENTS OF ANSI Z97.1 WITH GLASS TYPE 'C' ONLY.
SAFEGUARD REQUIREMENTS TO BE VERIFIED.

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

Sealed: 4/25/2025

FL #31579

- 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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COMP-ANL\20-04F-SWM

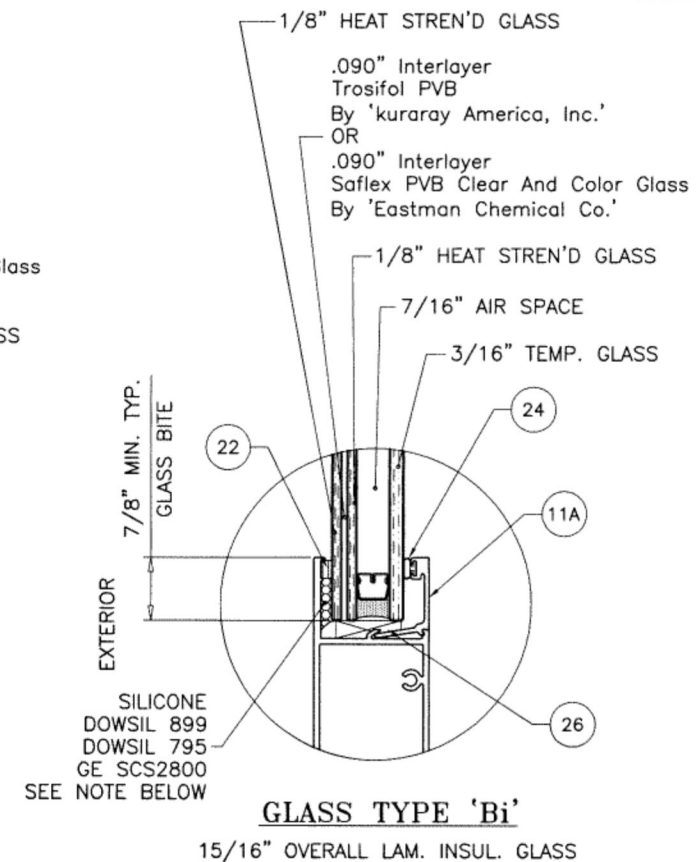
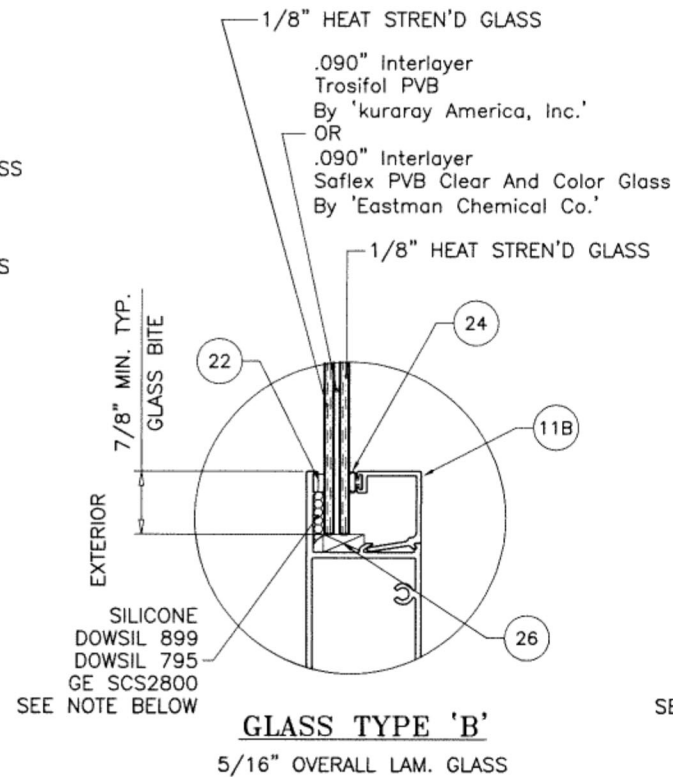
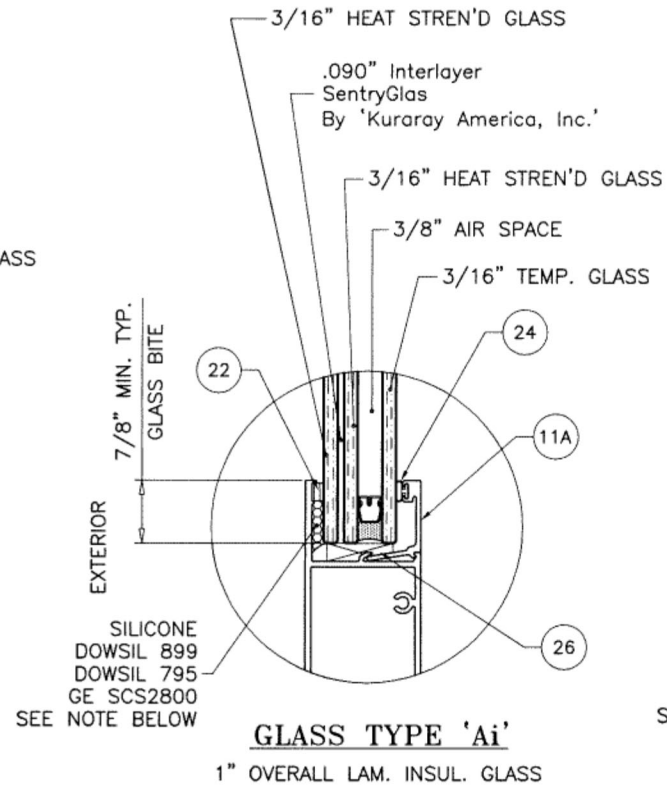
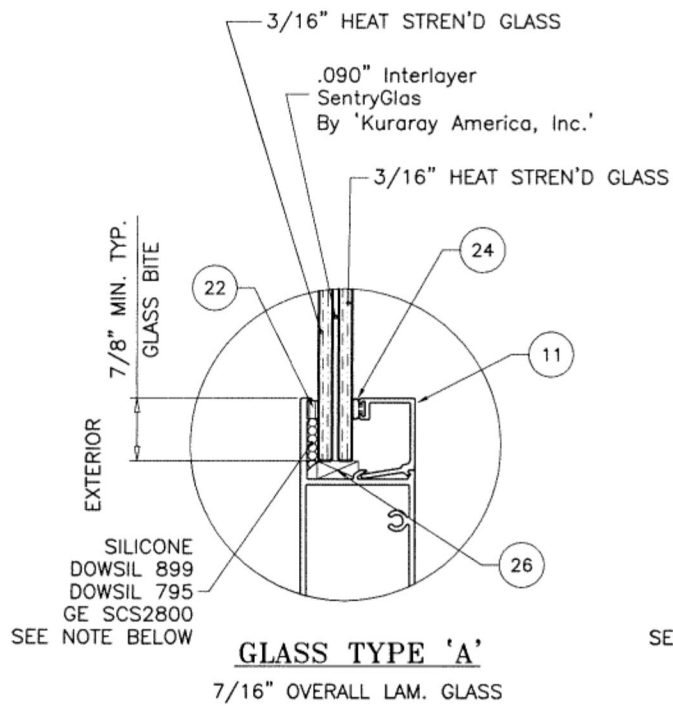
SERIES-2011 ALUMINUM OUTSWING DOOR (L.M.I.)
Sunshine Windows Manufacturing, Inc.
1785 West 33rd Place
Hialeah, FL. 33012
Tel. (305) 364-9952 Fax. (305) 828-5118

no	date	by	description
A	05.27.20		GLASS OPTIONS ADDED
B	08.27.20		UPDATED TO 2020 FBC
C	07.21.23		UPDATED TO 2023 FBC
D	03.24.25		DOOR HT. REV.

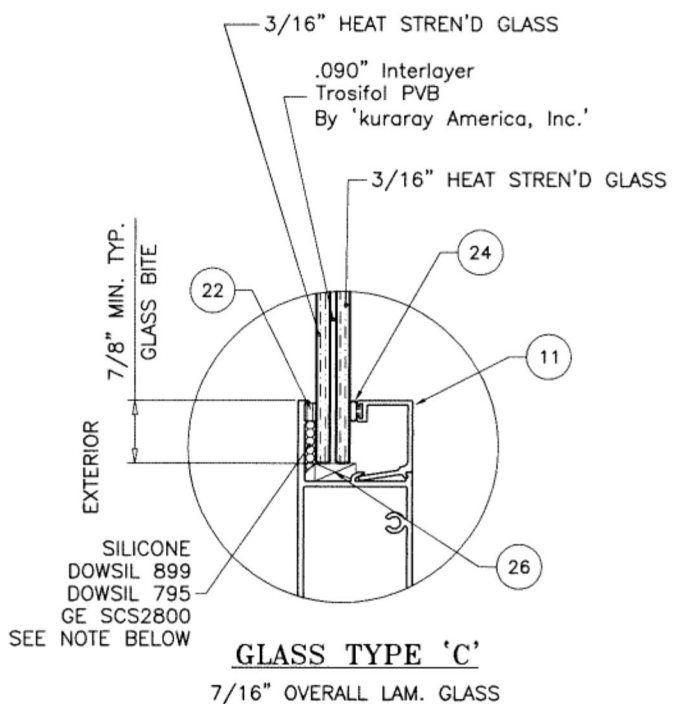
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date: 01-20-20
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:

drawing no. 20-04F
sheet 1 of 16



3/8" AIR SPACE CONSISTING OF:
SPACER:
'HELIMA' LOW PROFILE ALUMINUM SPACER
BY 'LINGERMANN GMBH'
AROUND THE PERIMETER OF THE GLASS.
PERIMETER SEALANT:
SILICONE
DOWSIL 791
GE 2000



Sealed: 4/25/2025



SILICONE:
DOWSIL 795 LIMIT MAX. LOADS TO ±80.0 PSF
GE SCS2800 LIMIT MAX. LOADS TO +50.0, -60.0 PSF AND
MAX. D.L.O. AREA OF 21.9 SQ. FT.

FL #31579

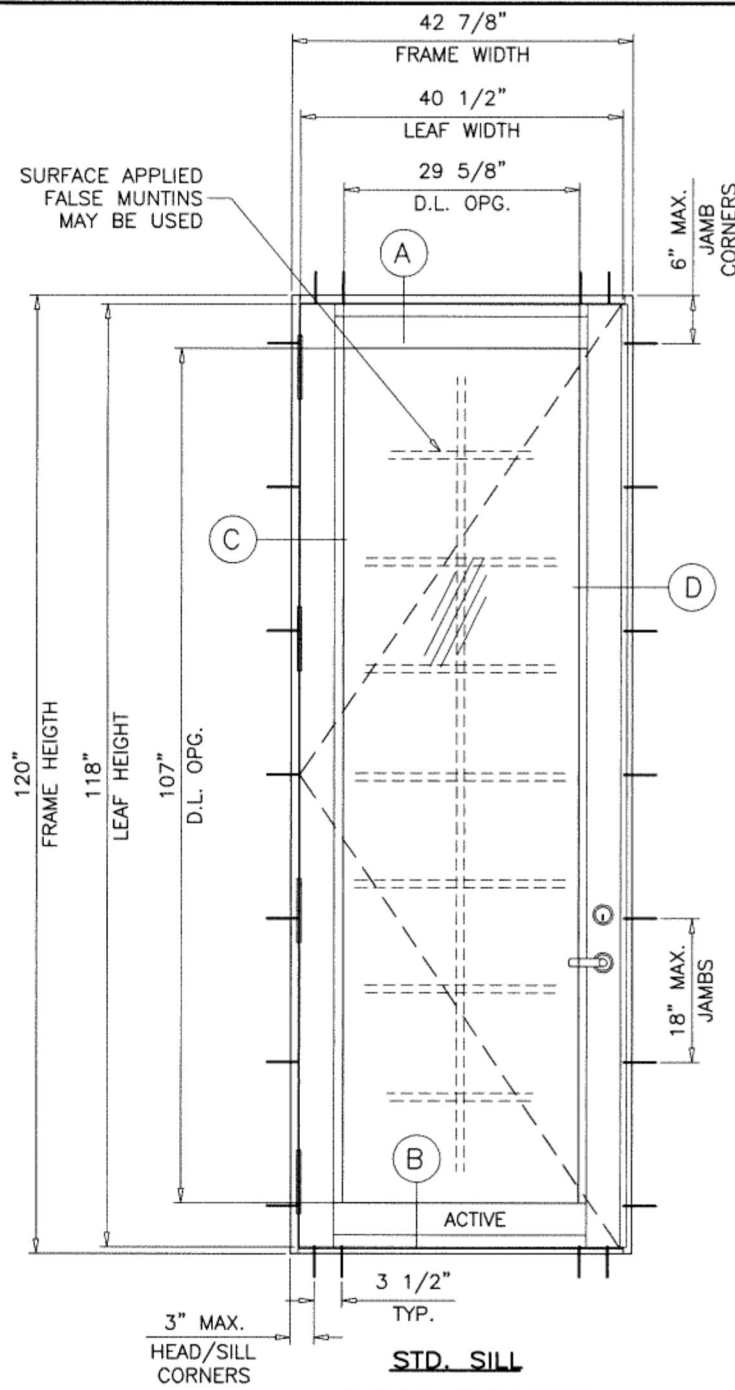
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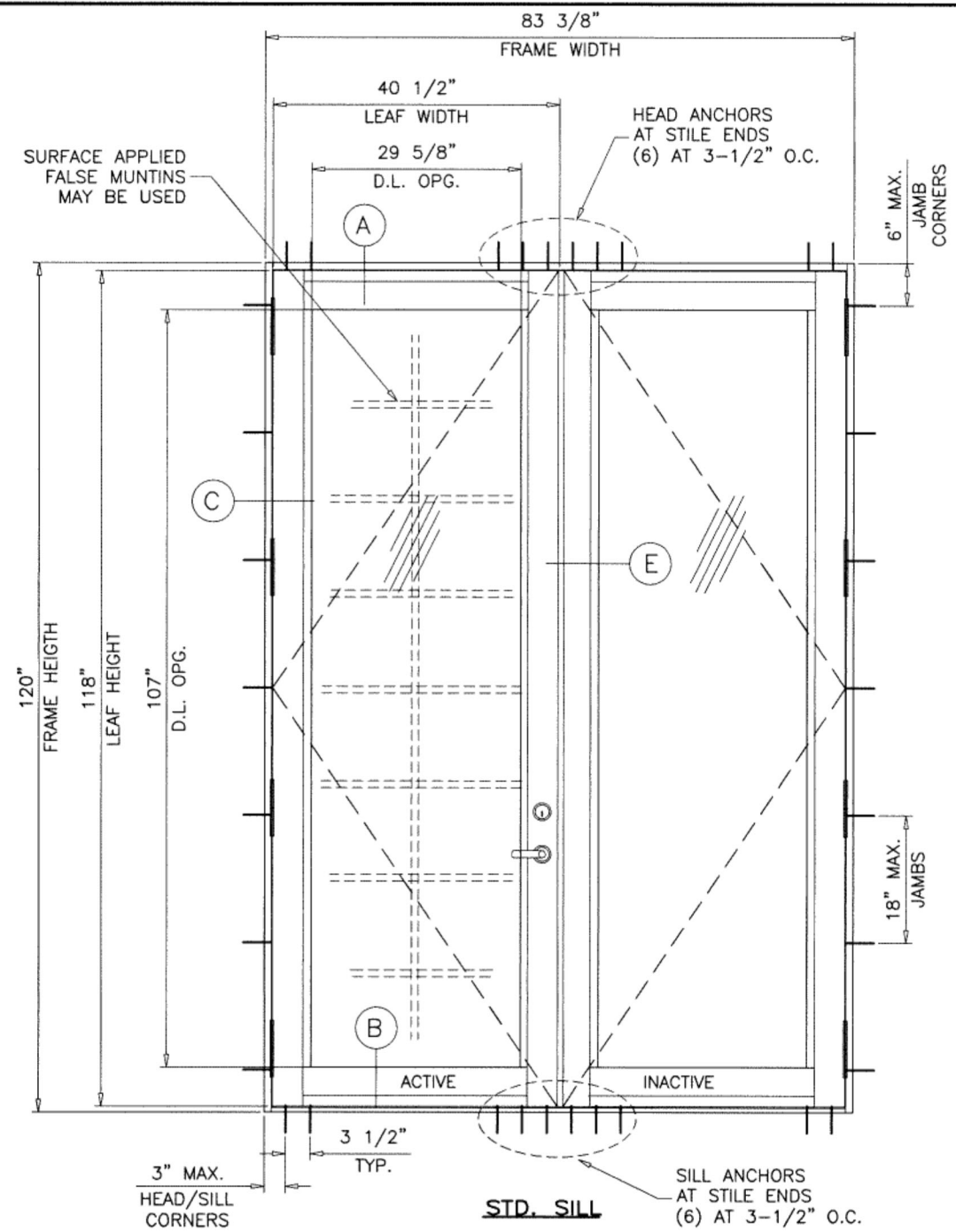
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chk. by:

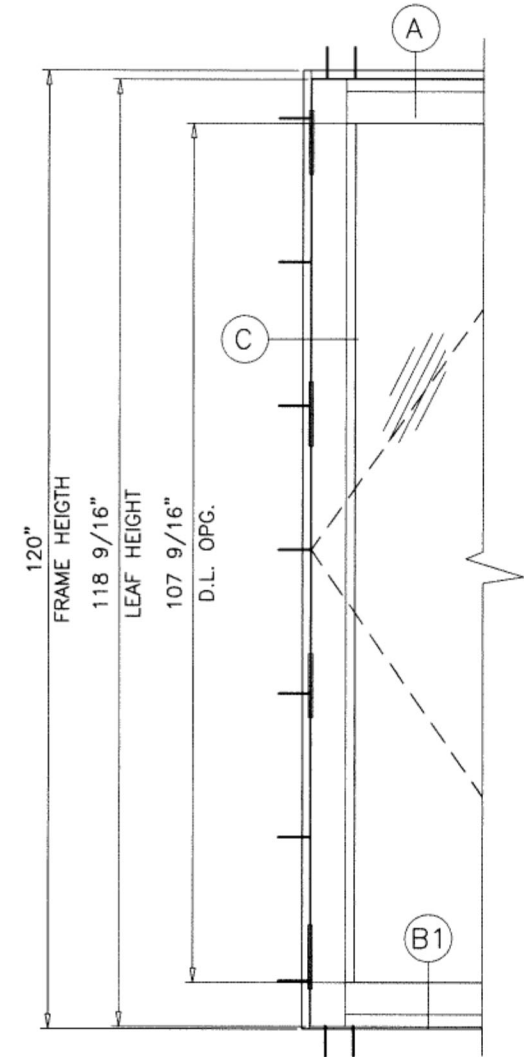
drawing no.
20-04F
sheet 1.1 of 16



3" MAX. HEAD/SILL CORNERS
STD. SILL
TYPICAL ELEVATION
 (X)



3" MAX. HEAD/SILL CORNERS
STD. SILL
TYPICAL ELEVATION
 (XX)



SINGLE OR DOUBLE DOORS
WITH ADA SILL

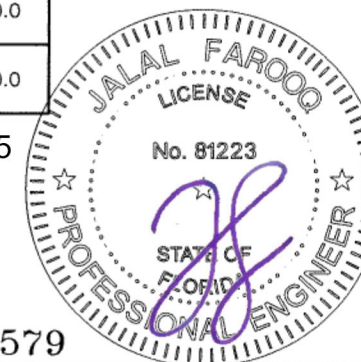
SINGLE DOORS LOAD CAPACITY - PSF													
FRAME		LEAF		THRESHOLD TYPES	GLASS 'A' & 'Ai'		GLASS 'B'		GLASS 'Bi'		GLASS 'C'		
WIDTH	HEIGHT	WIDTH	HEIGHT		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	
40"	96"	37-5/8"	94"	STD.	80.0	80.0	69.8	69.8	70.0	70.0	50.0	60.0	
			94-9/16"	ADA									
42"	108"	39-5/8"	106"	STD.	80.0	80.0	-	-	-	-	50.0	60.0	
			106-9/16"	ADA									
42-7/8"	120"	40-1/2"	118"	STD.	50.0	60.0	-	-	-	-	50.0	60.0	
			118-9/16"	ADA									

DOUBLE DOORS LOAD CAPACITY - PSF													
FRAME		LEAF		THRESHOLD TYPES	GLASS 'A' & 'Ai'		GLASS 'B'		GLASS 'Bi'		GLASS 'C'		
WIDTH	HEIGHT	WIDTH	HEIGHT		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	
76-1/8"	96"	35-7/8"	94"	STD.	80.0	80.0	69.8	69.8	70.0	70.0	50.0	60.0	
			94-9/16"	ADA									
78-1/8"	108"	37-7/8"	106"	STD.	80.0	80.0	-	-	-	-	50.0	60.0	
			106-9/16"	ADA									
83-3/8"	120"	40-1/2"	118"	STD.	50.0	60.0	-	-	-	-	50.0	60.0	
			118-9/16"	ADA									

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

GLASS D.L.O. FORMULAE:
 D.L.O. WIDTH = FRAME WIDTH - 13.25" (X DOORS)
 = (FRAME WIDTH - 24.125")/2 (XX DOORS)
 D.L.O. HEIGHT = FRAME HEIGHT - 13.0" (STD. SILL)
 = FRAME HEIGHT - 12.438 (ADA SILL)

Sealed: 4/25/2025

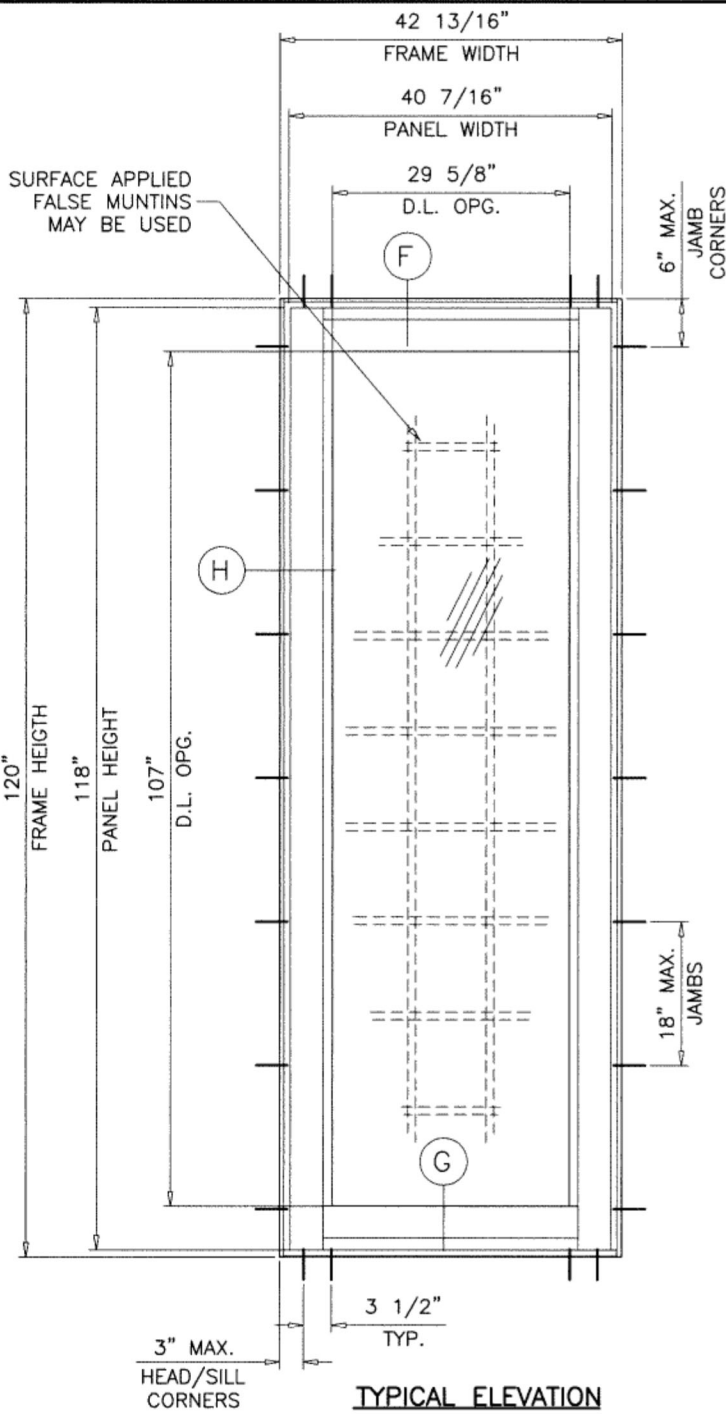


FL #31579

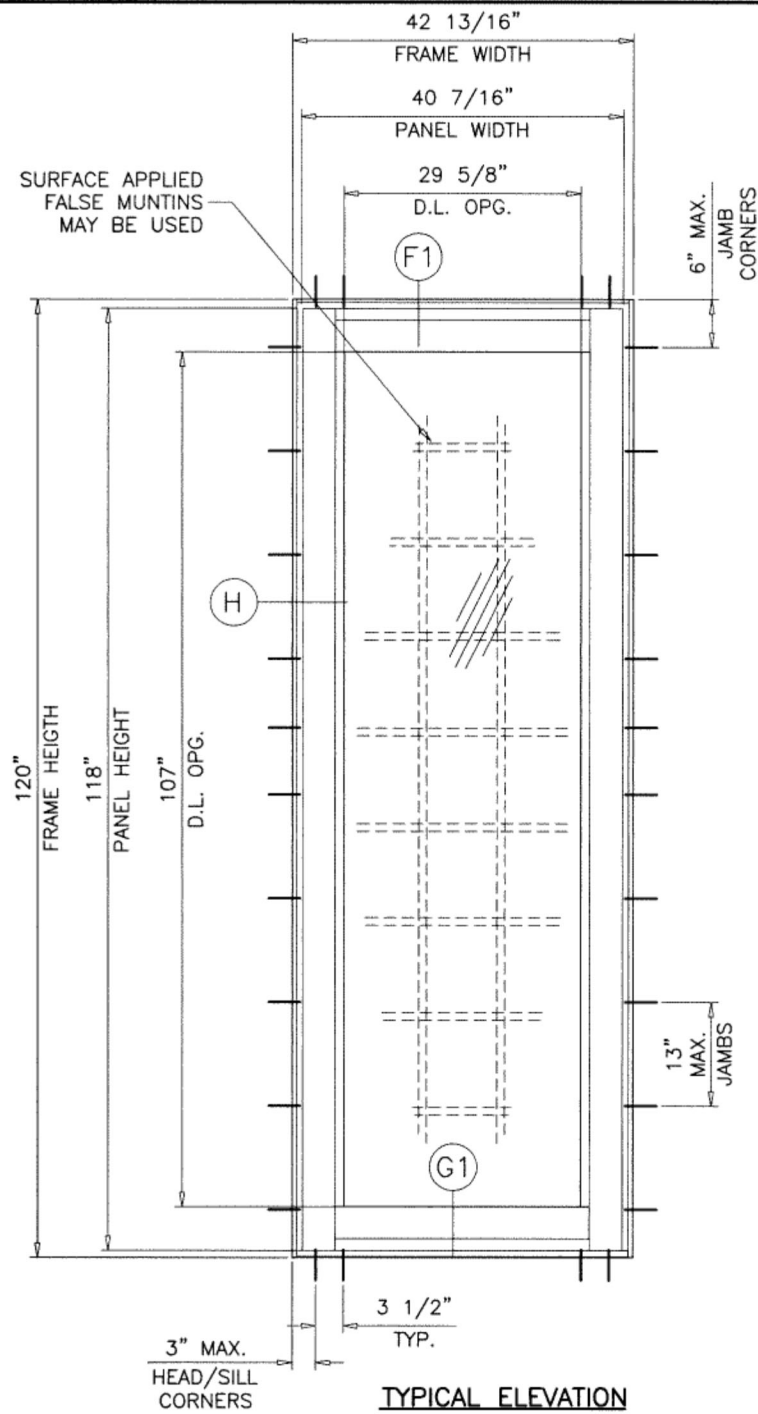
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 chk. by:
 drawing no.
20-04F
 sheet 2 of 16



TYPICAL ELEVATION
(O)



TYPICAL ELEVATION
(O)

SIDELITE LOAD CAPACITY - PSF
OR STAND ALONE STATIONARY PANEL (O)

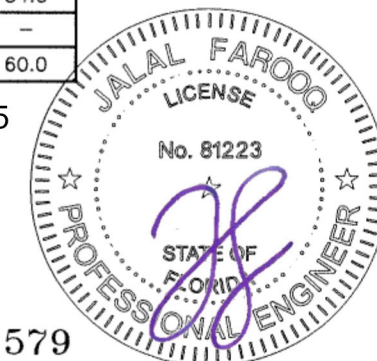
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48-1/16"	96"	45-11/16"	94"	STD.	80.0	80.0	57.1	57.1	70.0	70.0	44.5	53.4
47-9/16"	108"	45-3/16"	106"		80.0	80.0	-	-	-	-	45.0	54.0
48-1/16"	108"	45-11/16"	106"		80.0	80.0	-	-	-	-	-	-
42-13/16"	120"	40-7/16"	118"		80.0	80.0	-	-	-	-	50.0	60.0

LOAD CAPACITY - PSF
STAND ALONE STATIONARY PANEL (O)

FRAME		PANEL		THRESHOLD TYPES	GLASS 'A' & 'Ai'		GLASS 'B'		GLASS 'Bi'		GLASS 'C'	
WIDTH	HEIGHT	WIDTH	HEIGHT		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
48"	96"	45-5/8"	94"	STD. STD.	110.0	110.0	57.1	57.1	70.0	70.0	44.6	53.5
47-9/16"	108"	45-3/16"	106"		110.0	110.0	-	-	-	-	45.0	54.0
48"	108"	45-5/8"	106"		110.0	110.0	-	-	-	-	-	-
42-13/16"	120"	40-7/16"	118"		110.0	110.0	-	-	-	-	50.0	60.0

Sealed: 4/25/2025

D.L.O. HEIGHT (SIDELITE) = FRAME HEIGHT - 13.0"
D.L.O. WIDTH (SIDE LITE) = FRAME WIDTH - 13.188"

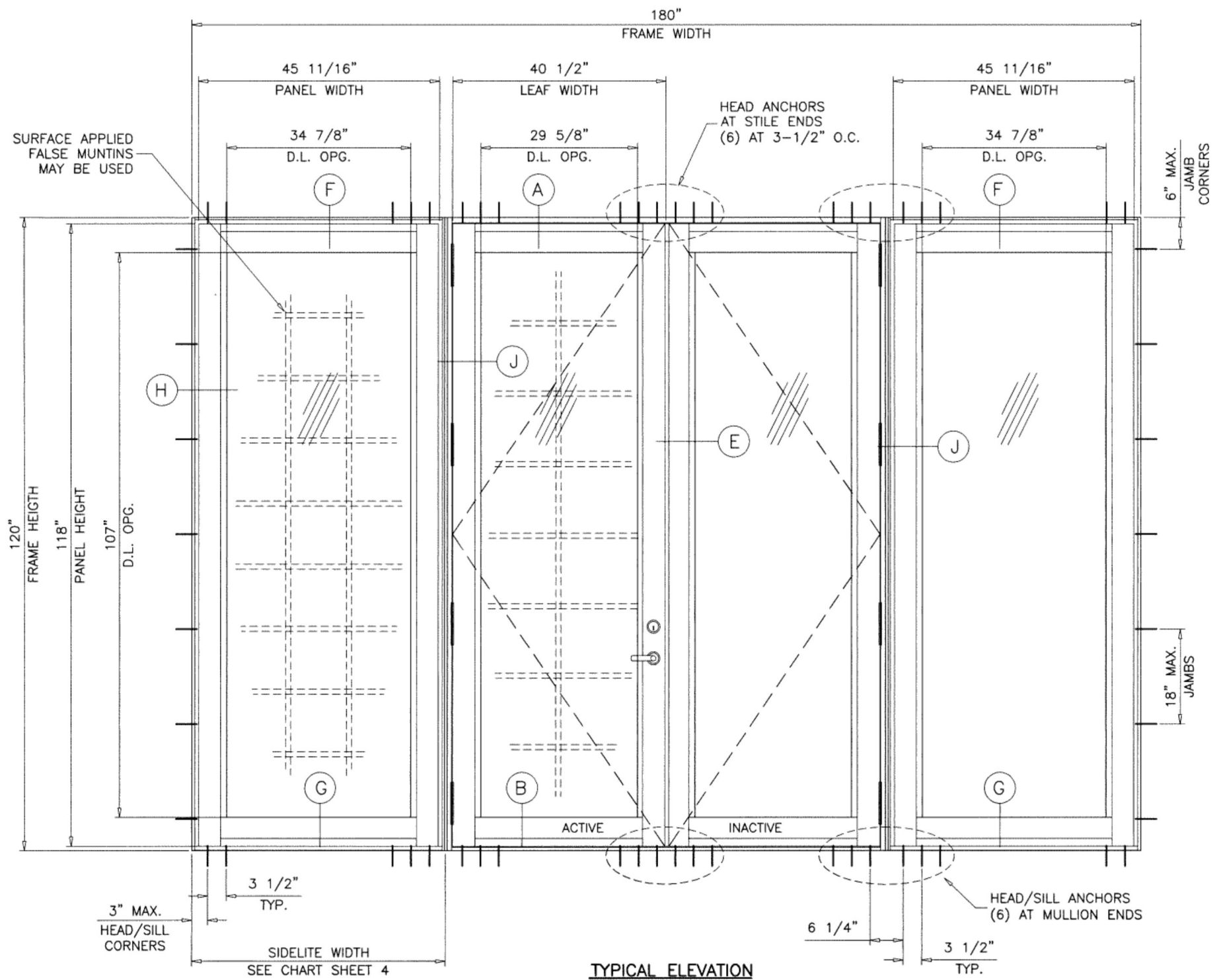


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dr. by:	TARIQ	chk. by:	
drawing no.	20-04F		
sheet	3 of 16		



TYPICAL ELEVATION
 (O-XX-O)
 TESTED UNIT

Sealed: 4/25/2025



FL #31579

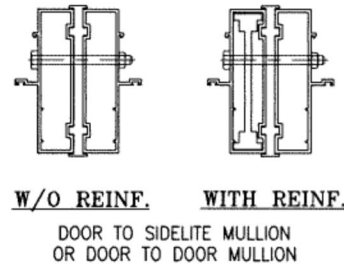
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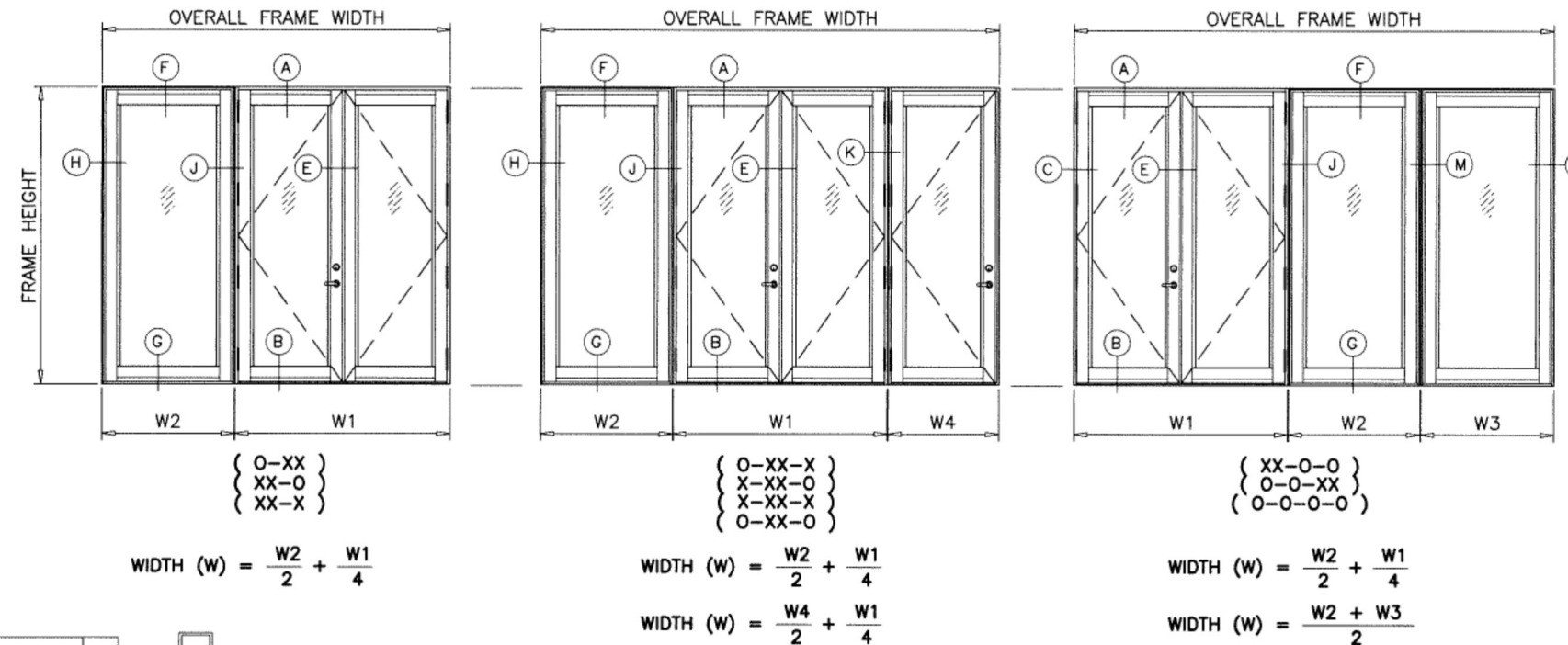
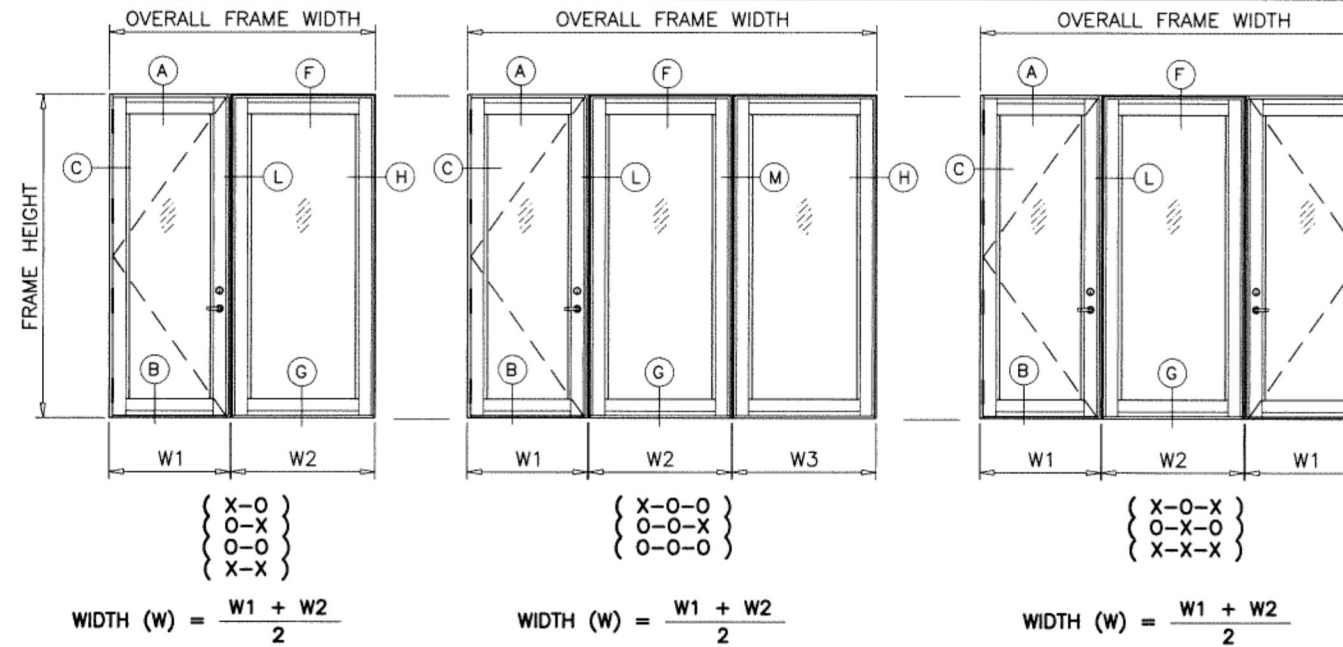
revisions:	
no	date by description

date: 01-20-20	scale: 1/2"=1'-0"	dr. by: TARIQ	chk. by:
drawing no. 20-04F			
sheet 4 of 16			

DESIGN LOAD CAPACITY - PSF DOOR TO SIDELITE OR DOOR TO DOOR MULLION					
WIDTH (W) INCHES	FRAME HEIGHT INCHES	W/O REINF.		WITH REINF.	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
36	96	70.0	70.0	80.0	80.0
40		70.0	70.0	80.0	80.0
42		70.0	70.0	80.0	80.0
43-1/2		70.0	70.0	80.0	80.0
45		-	-	80.0	80.0
36	108	-	-	80.0	80.0
40		-	-	80.0	80.0
42		-	-	80.0	80.0
43-1/2		-	-	80.0	80.0
45		-	-	50.0	60.0
36	120	-	-	50.0	60.0
40		-	-	50.0	60.0
42		-	-	50.0	60.0
42-3/8		-	-	50.0	60.0



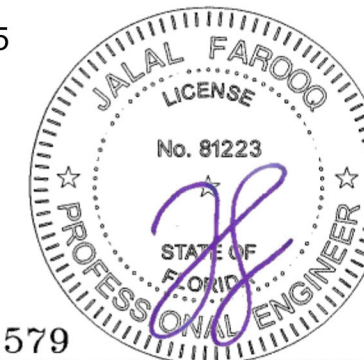
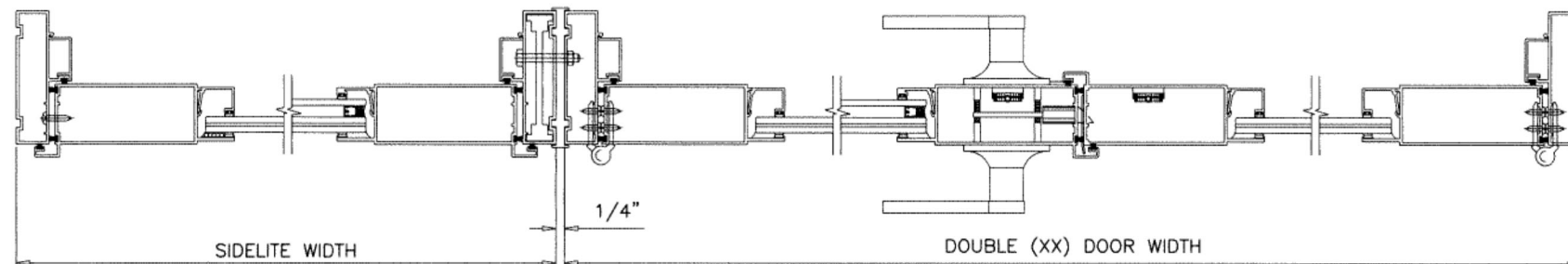
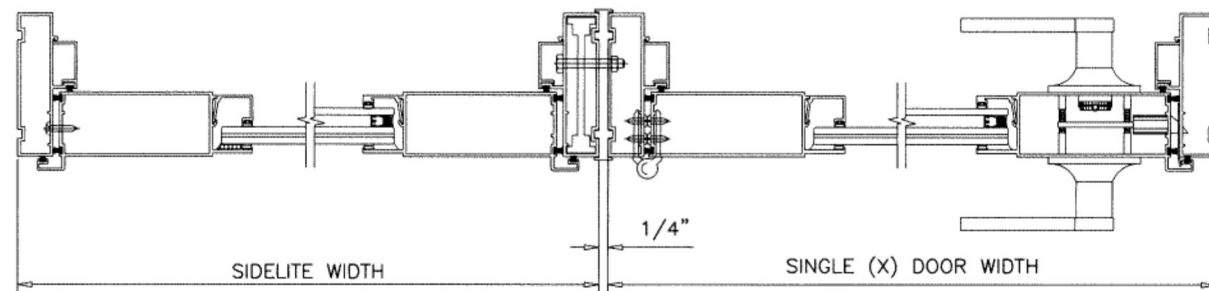
NOTE:
FOR DOORS CAPACITY SEE SHEET 2
FOR SIDELITE CAPACITIES SEE SHEET 3.
FOR SIDELITE MULLION CAPACITY SEE CHART ABOVE
LOWER VALUES FROM DOORS, SIDELITE, DOOR/SIDELITE
OR DOOR/DOOR MULLION CHART WILL APPLY TO ENTIRE SYSTEM.



APPROVED CONFIGURATIONS

NOTE:
THE FRAME AREA OF ALTERNATE SIZE MUST NOT
EXCEED TESTED FRAME AREA = 150.0 SQ. FT.

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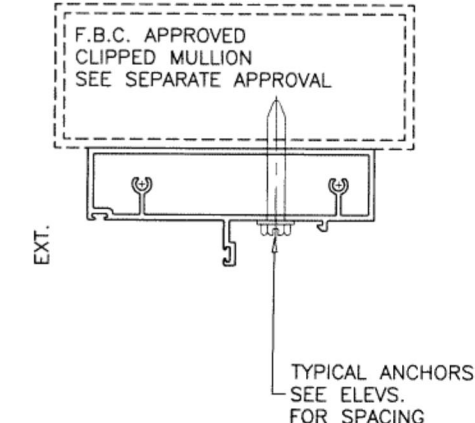
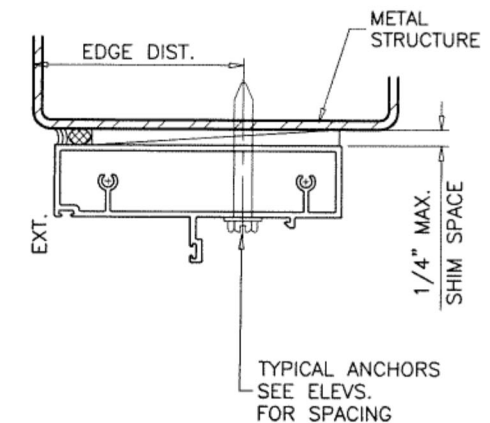
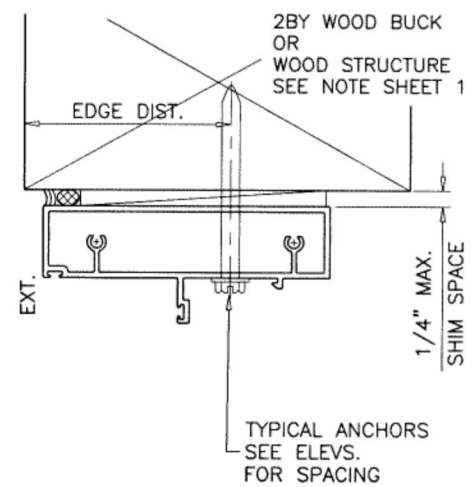
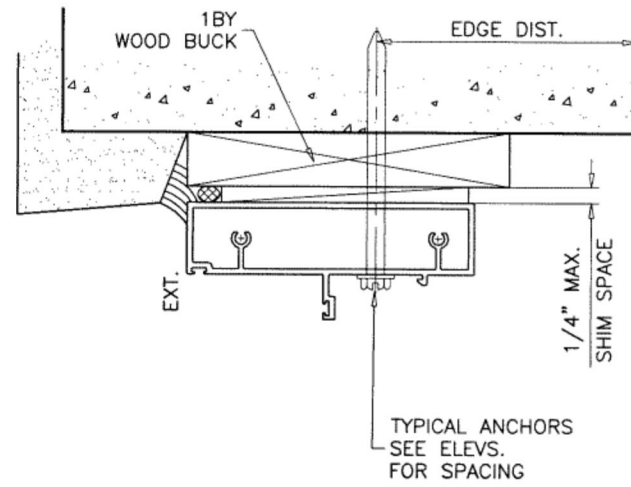


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AL-FAROOQ CORPORATION
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9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\20-04F-SWM

SERIES-2011 ALUMINUM OUTSWING DOOR (L.M.I.)
Sunshine Windows Manufacturing, Inc.
1785 West 33rd Place
Hialeah, FL. 33012
Tel. (305) 364-9952 Fax. (305) 828-5118

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dr. by:	TARIQ	chk. by:		
drawing no.	20-04F			
sheet	5 of 16			



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)
1/4" DIA. TEKS OR SELF-DRILLING SCREWS (GRADE 5 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.

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DOOR DETAILS



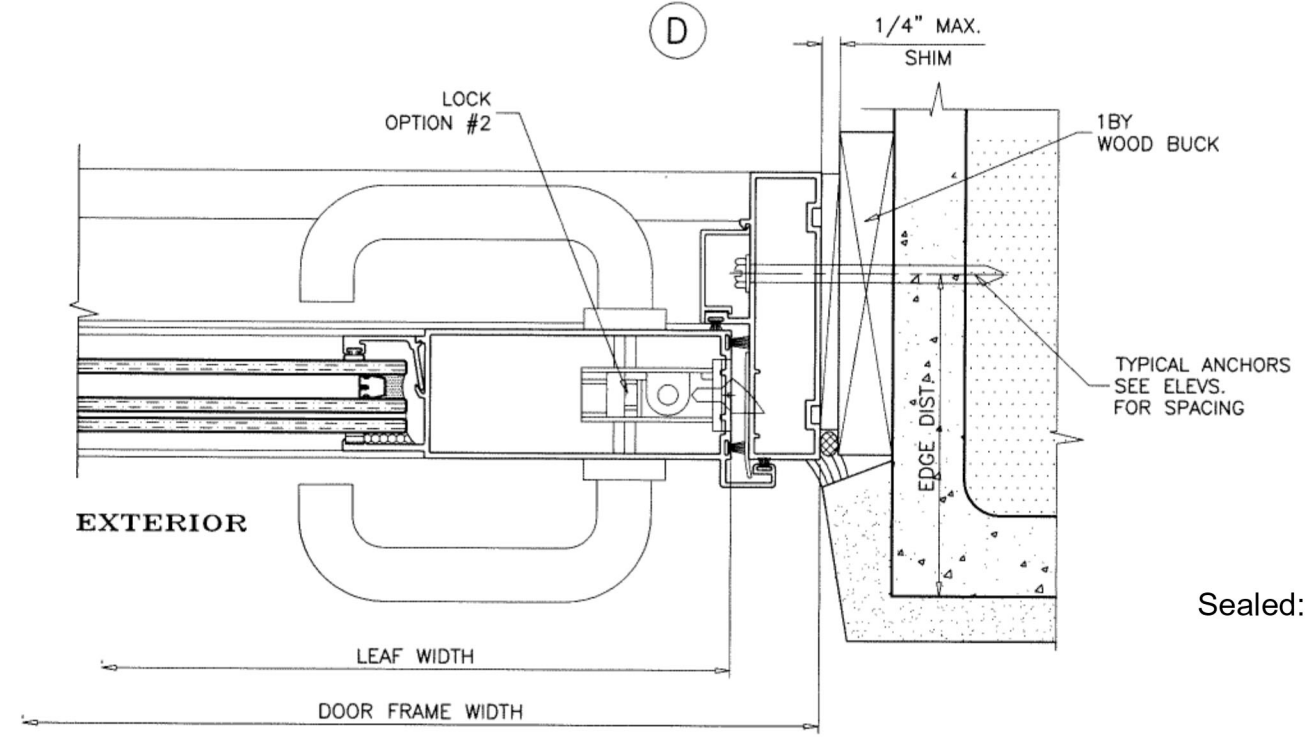
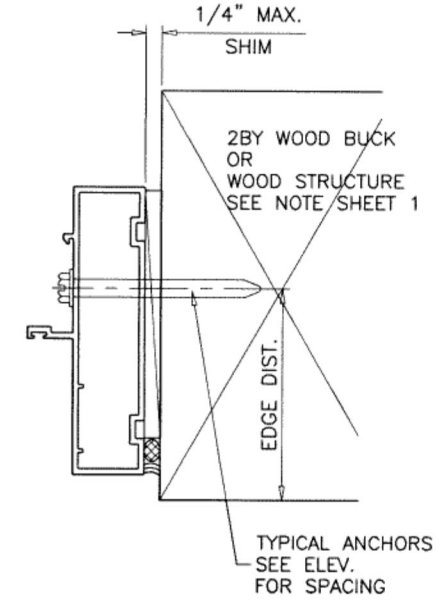
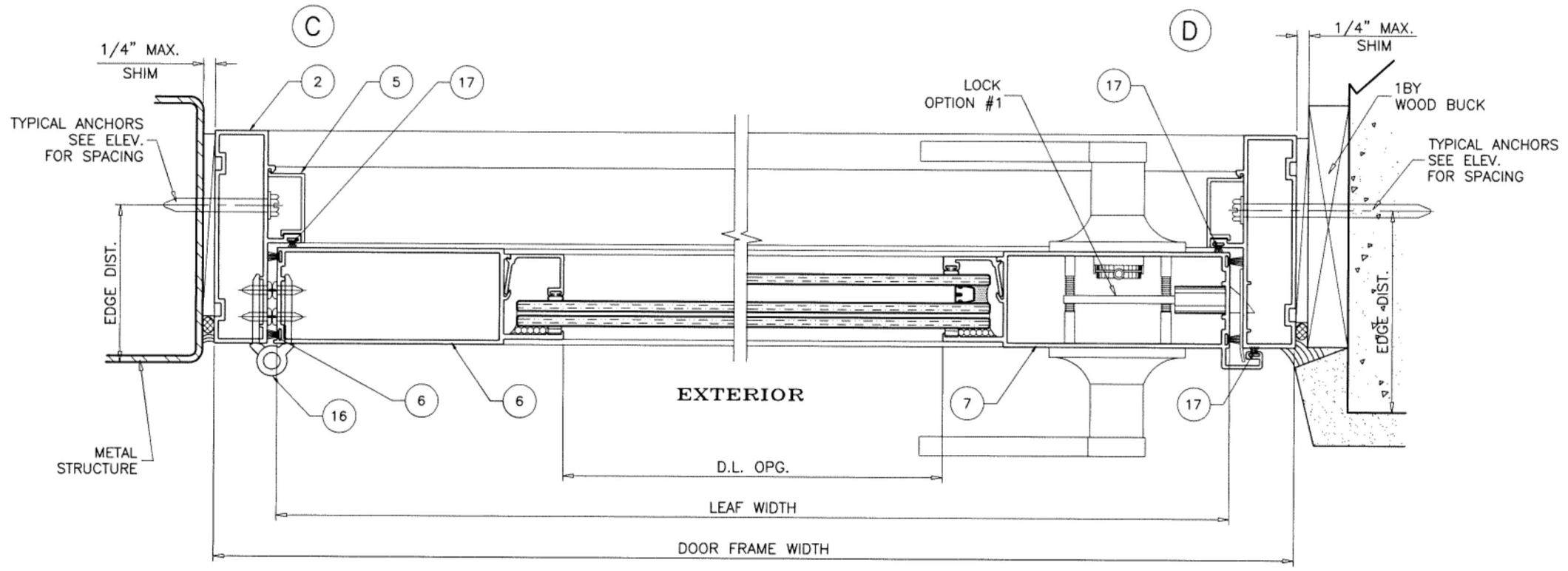
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20-04F
 sheet 7 of 16



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DOOR DETAILS



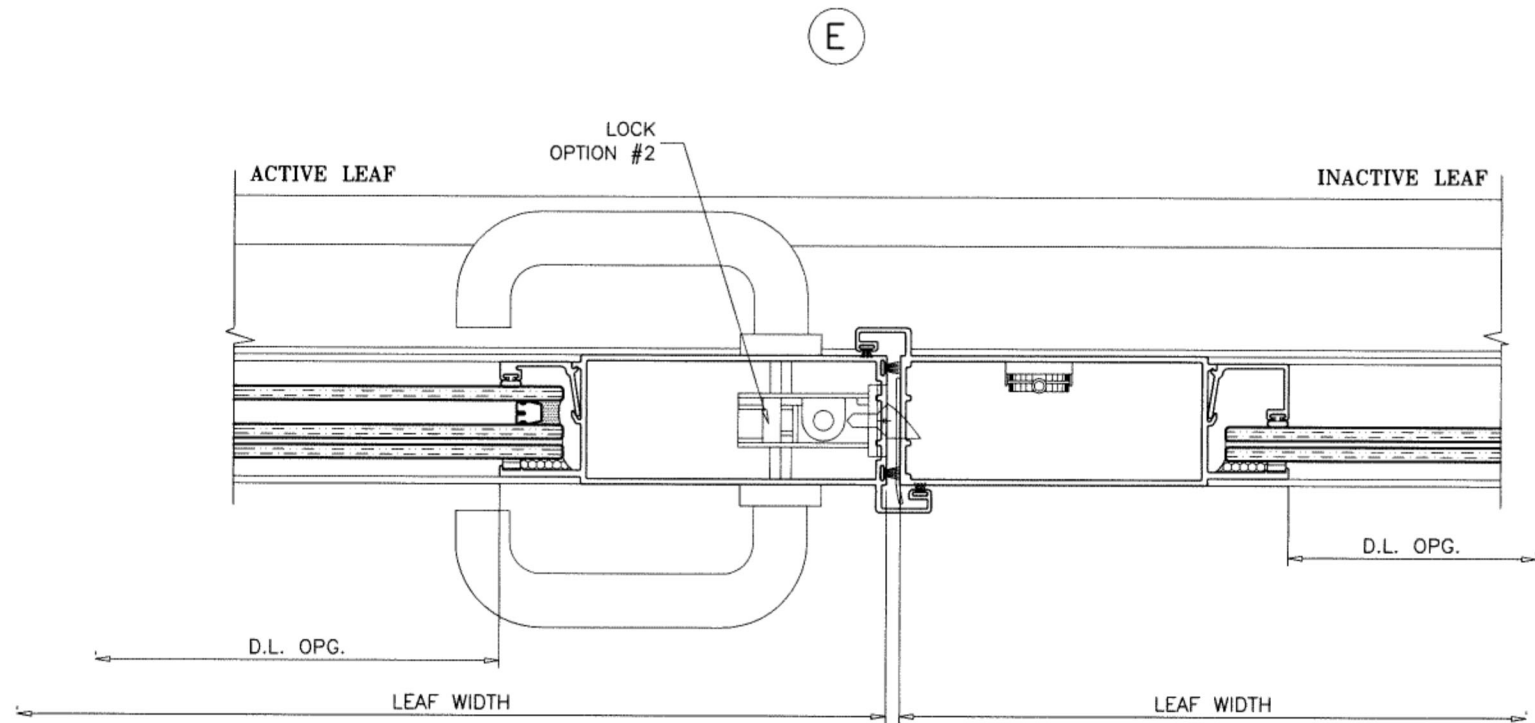
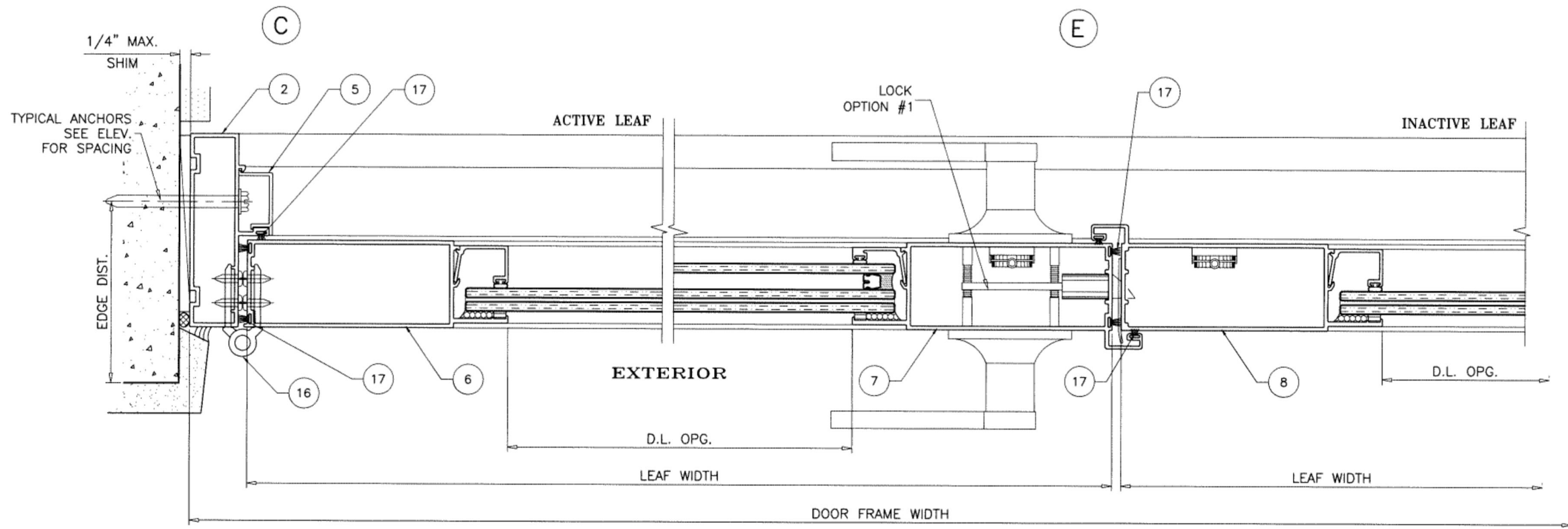
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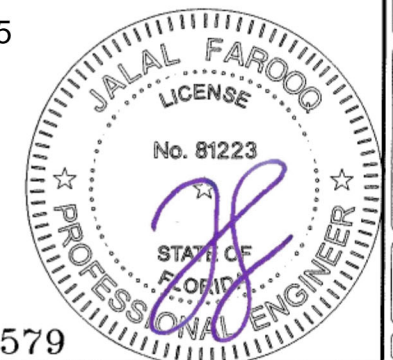
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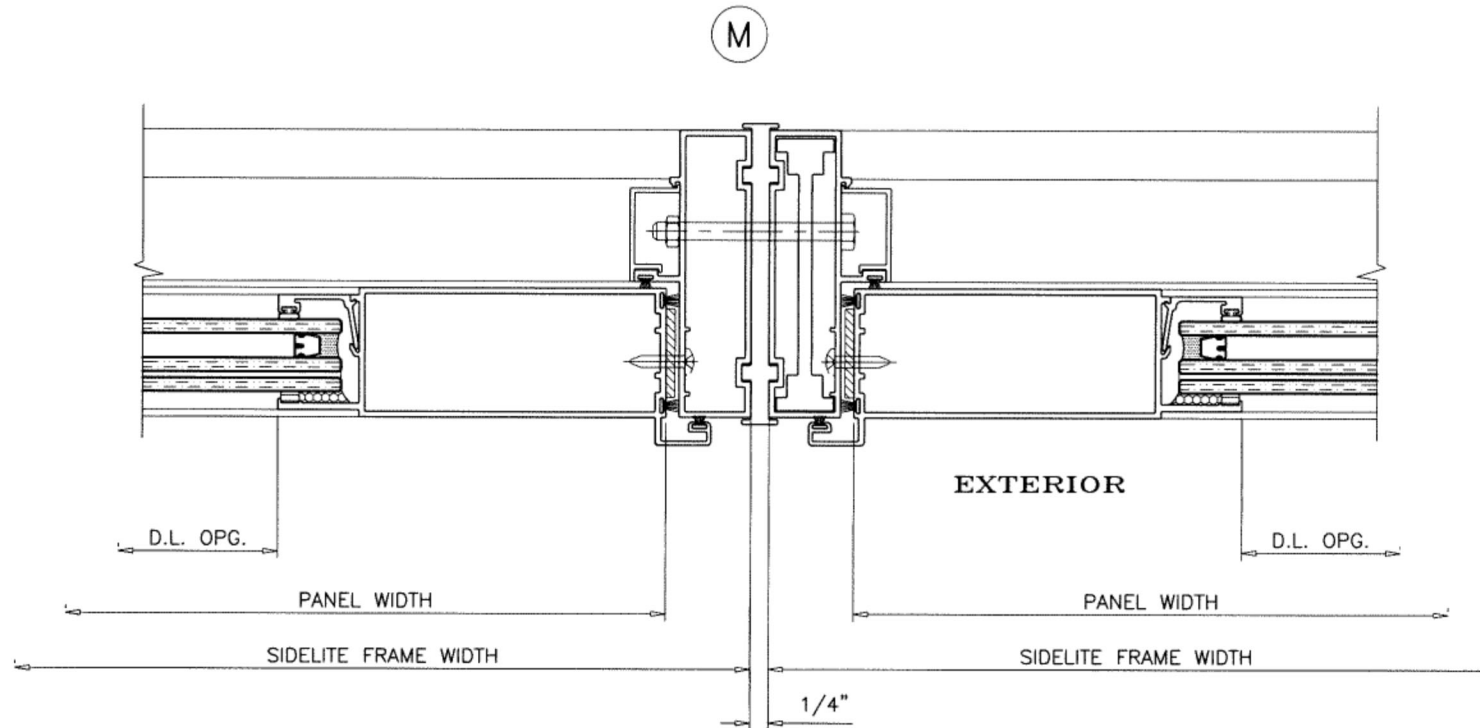
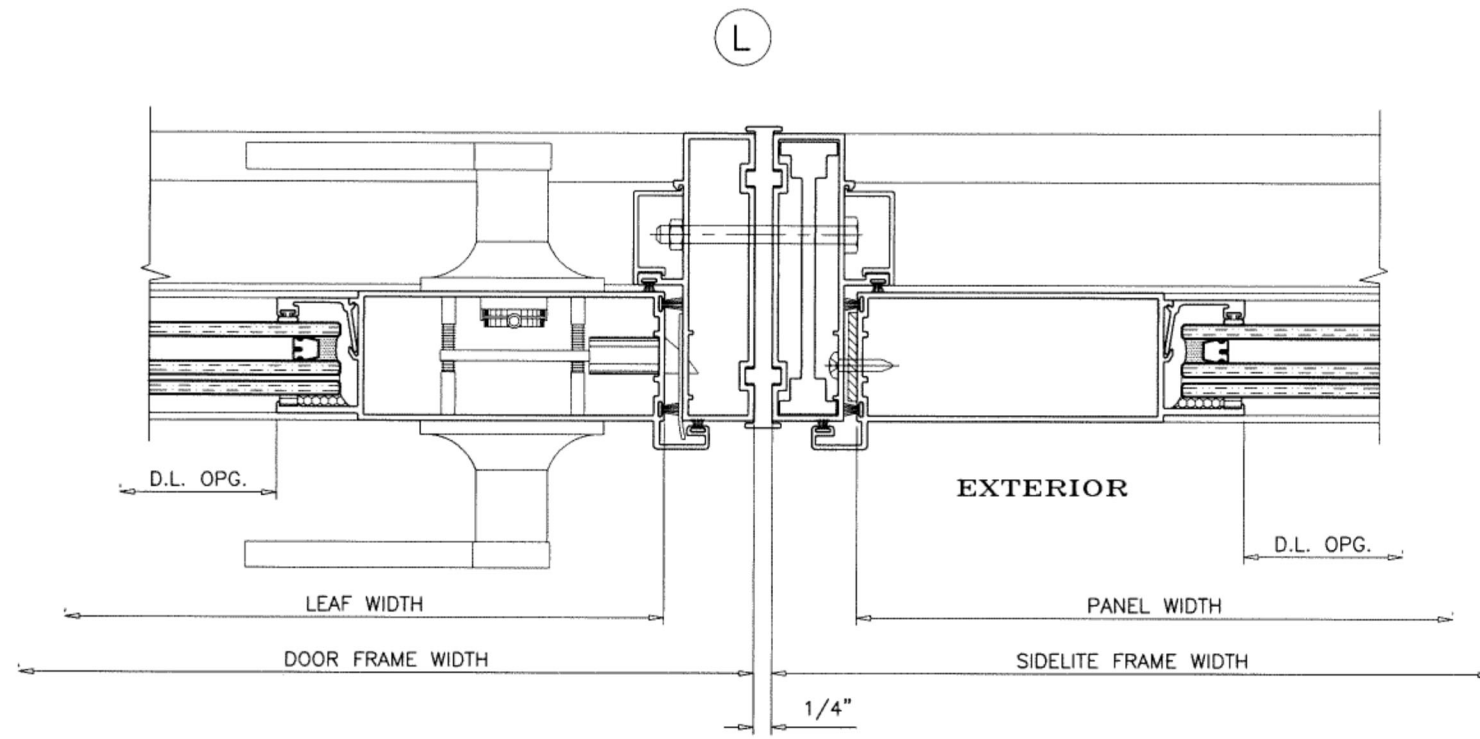
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SIDELITE DETAILS



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20-04F
 sheet 12 of 16

LOCK OPTIONS:

ACTIVE LEAF:

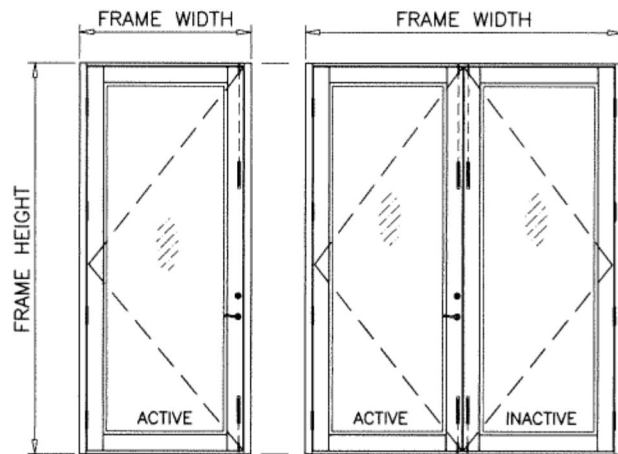
SURFACE MOUNT DEAD BOLT LOCK BY 'REGENT' AT 42-1/2" FROM BOTTOM, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR FASTENED TO ACTIVE LEAF LOCK STILE WITH (2) #10-32-28 X 2-3/8" OH MS LEVER TYPE METALLIC HANDLE AT 36-1/4" FROM BOTTOM, FASTENED TO ACTIVE LEAF LOCK STILE WITH (2) #8-32 X 1" PH MS.

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



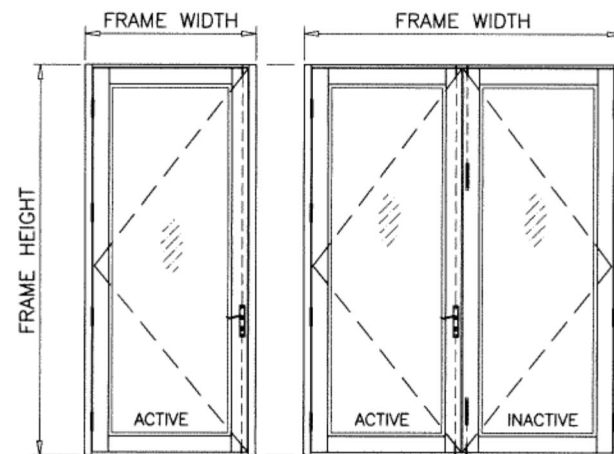
ACTIVE LEAF:

4 POINT LOCK SYSTEM BY 'REGENT' AT 38" FROM BOTTOM HANDLE ACTIVATES DEAD BOLT AND SHOOT BOLTS ENGAGING AT HEAD AND SILL KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR FASTENED TO ACTIVE LEAF LOCK STILE WITH (2) #10-32 X 1-1/2" OH MS WITH SEX BOLT (2) #8 X 1/2" FH SMS

SURFACE MOUNT STRIKE PLATE FACING LOCK AT 39" FROM BOTTOM FASTENED TO JAMB/INACTIVE STILE WITH (3) #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



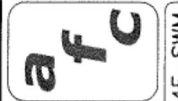
HINGES:

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

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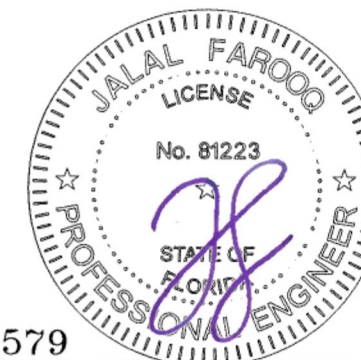
sheet 13 of 16

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	1202001	1	FRAME HEAD	6063-T6	SINOPEC TRADING
2	1202002	2	FRAME JAMB	6063-T6	SINOPEC TRADING
3	1202003	1	STANDARD THRESHOLD	6063-T6	SINOPEC TRADING
4	1202004	1	ADA THRESHOLD	6063-T6	SINOPEC TRADING
5	1202005	AS REQD.	FRAME COVER	6063-T6	SINOPEC TRADING
6	1202006	AS REQD.	HINGE STILE	6063-T6	SINOPEC TRADING
7	1202007	AS REQD.	ASTRAGAL STILE (ACTIVE)	6063-T6	SINOPEC TRADING
8	1202008	AS REQD.	ASTRAGAL STILE (INACTIVE)	6063-T6	SINOPEC TRADING
9	1202009	AS REQD.	TOP AND BOTTOM RAIL	6063-T6	SINOPEC TRADING
10	1202010	AS REQD.	WEATHERSTRIP ADAPTER	6063-T6	SINOPEC TRADING
11	12065	AS REQD.	GLASS STOP (7/16" GLASS)	6063-T6	MI METALS
11A	12180	AS REQD.	GLASS STOP (LAM. INSUL. GLASS)	6063-T6	MI METALS
11B	12114	AS REQD.	GLASS STOP (5/16" GLASS)	6063-T6	MI METALS
12	1202012	AS REQD.	SIDELITE TOP AND BOTTOM ADAPTER	6063-T6	SINOPEC TRADING
13	1202013	AS REQD.	MULLION	6063-T6	SINOPEC TRADING
14	12181	AS REQD.	STD. THRESHOLD COVER	6063-T6	MI METALS
15	31296	AS REQD.	ADA THRESHOLD COVER	6063-T6	SAPA EXTRUDERS
16	46917	AS REQD.	HINGES	6063-T6	SAPA EXTRUDERS
17	W33321NK0020	AS REQD.	ULTRA FIN WEATHERSEAL	POLYPROYLENE	ULTRAFAB
18	290DZ1ABBP	AS REQD.	DEAD BOLT	ZINC	REGENT HARDWARE
19	290L3ZAB3BP	AS REQD.	PASSAGE LEVER	ZINC	REGENT HARDWARE
20	2062-3P-SS	AS REQD.	3-POINT MORTISE LOCK	S.S.	REGENT HARDWARE
21	SERIES 2508	AS REQD.	FLUSH BOLTS	ZINC	REGENT HARDWARE
22	ZIALOC 750	AS REQD.	1/8" X 1/4" DOUBLE SIDED TAPE	PE FOAM	TBP CONVERTING
24	E20318WN3020	AS REQD.	T-SLOT EXTRUDED SEAL BULB	TPE PLASTIC	ULTRAFAB
26	-	2/ LITE	SETTING BLOCKS, AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A
27	#10 X 1"	AS REQD.	FRAME ASSEMBLY FASTENERS	STEEL	PH SMS
28	#10 X 1-1/2"	AS REQD.	PANEL ASSEMBLY FASTENERS	STEEL	FH SMS
29	5KGF9	AS REQD.	#10 X 1" METAL SCREW, AT 6" FROM EACH END AND 24" O.C. MAX.	STEEL	GRAINGER
31	PHS8	AS REQD.	2" X 1/8" SPACER	PLASTIC	CRL
32	SSW-131	AS REQD.	SIDELITE REINFORCEMENT	6063-T6	PROFILE
33	X109HT100	AS REQD.	D SECTION RUBBER SEAL	EPDM	TRIMLOCK

SEALANTS:

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

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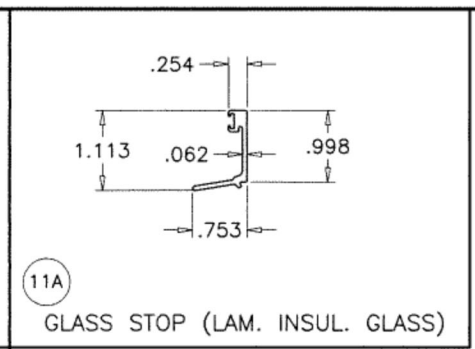
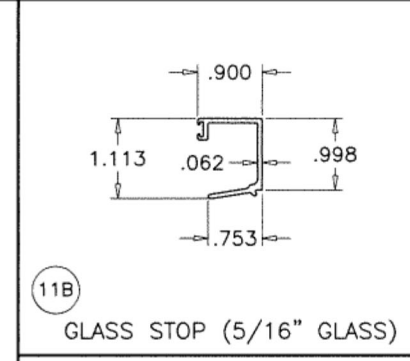
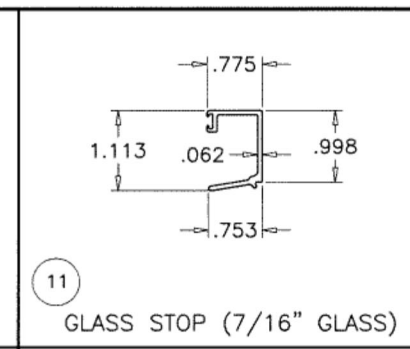
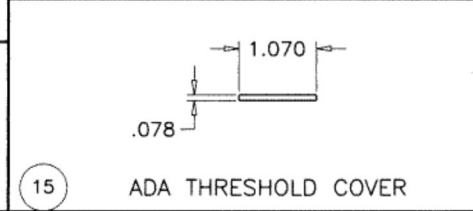
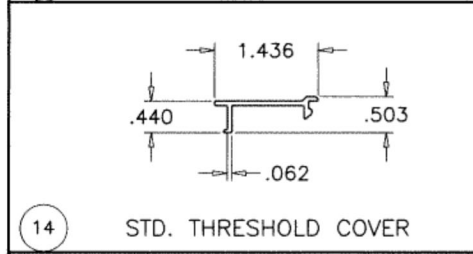
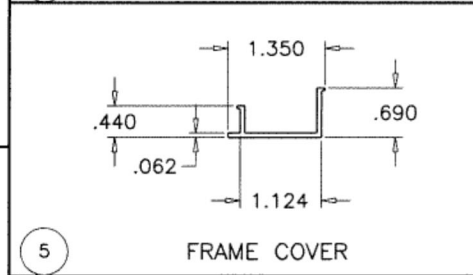
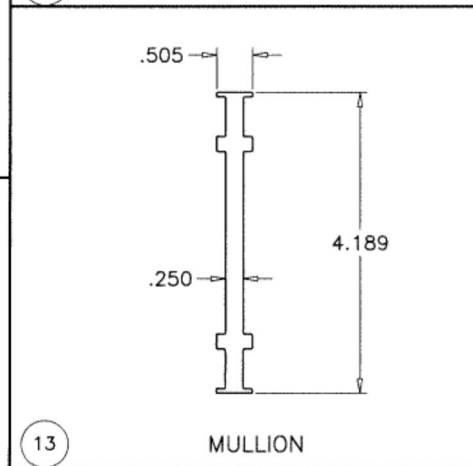
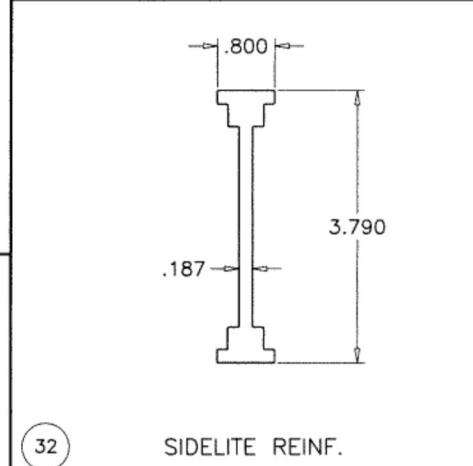
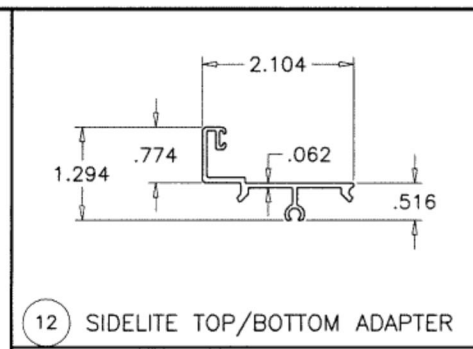
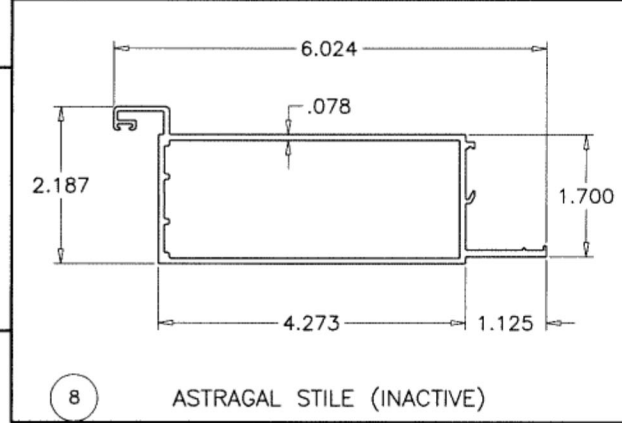
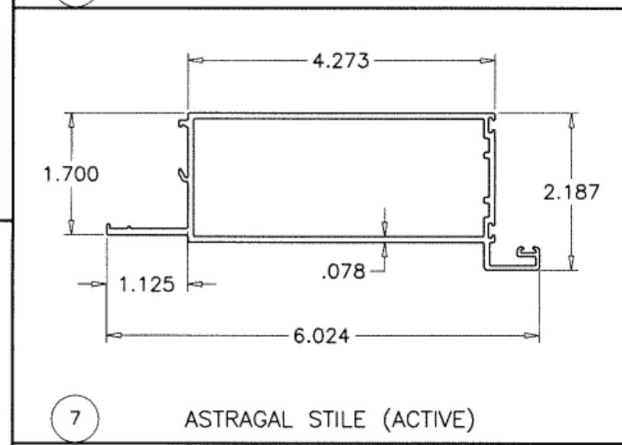
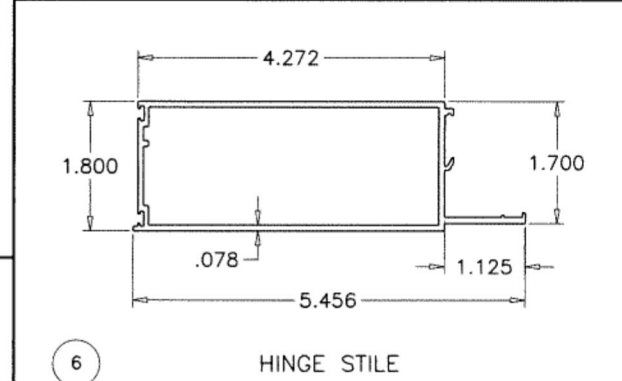
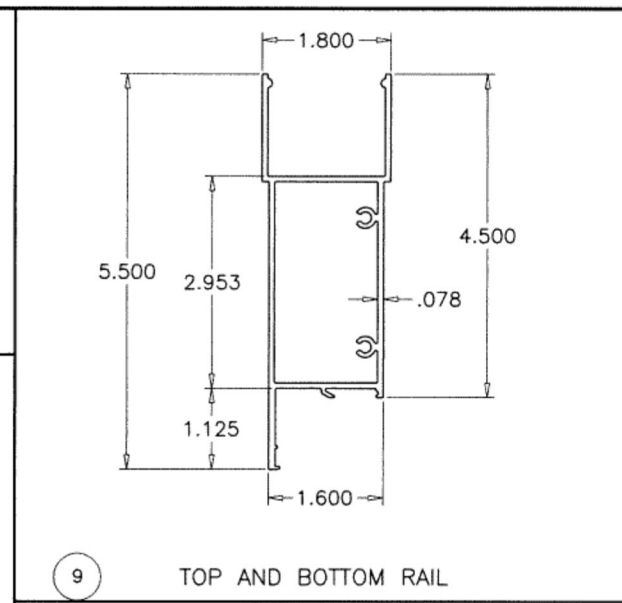
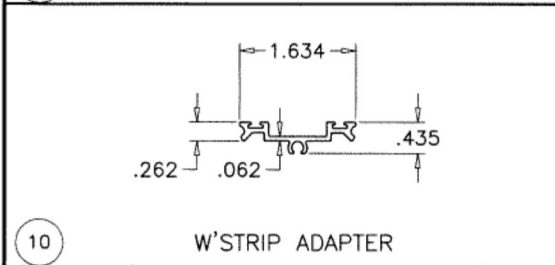
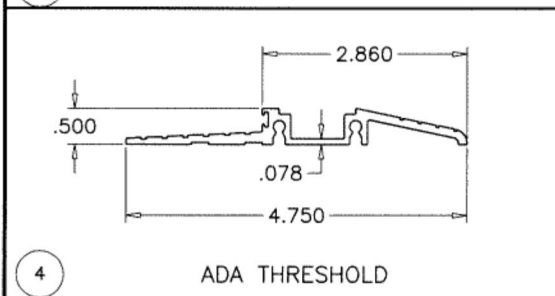
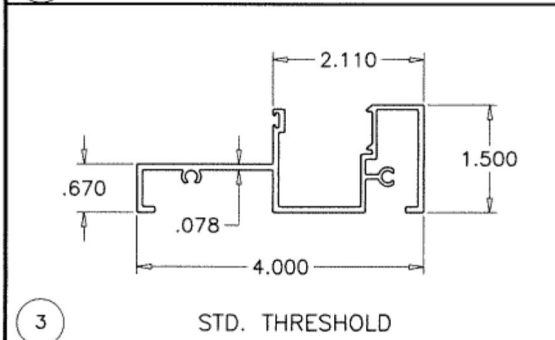
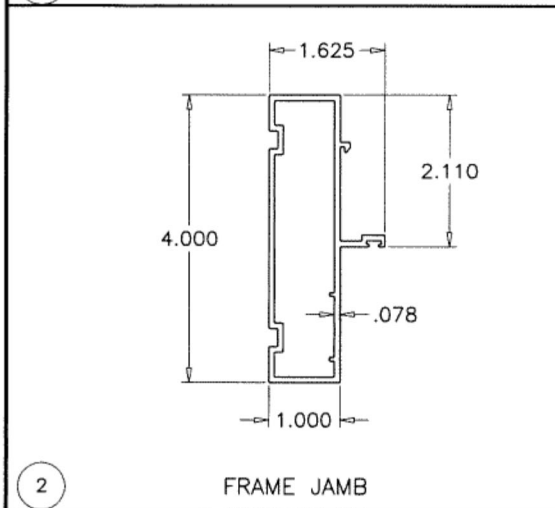
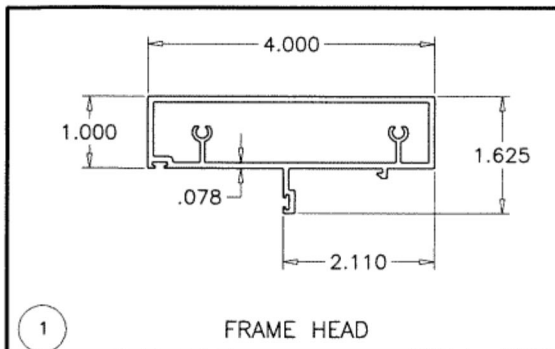


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