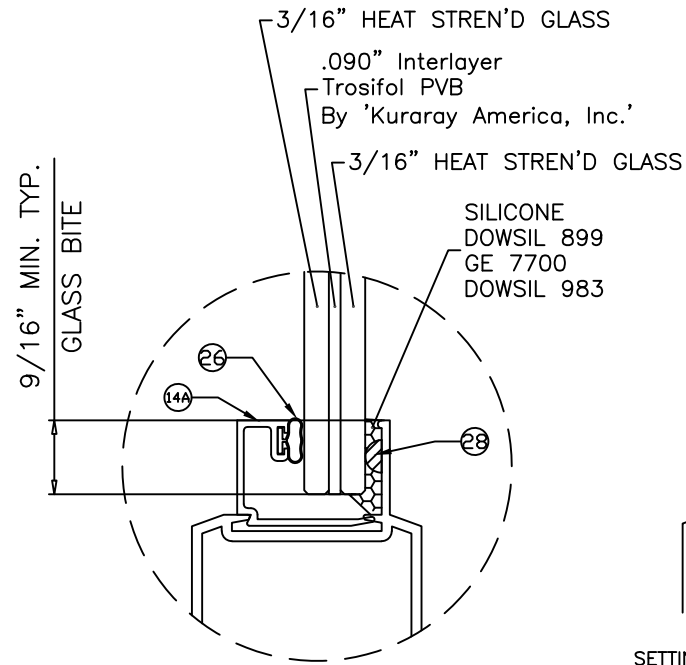
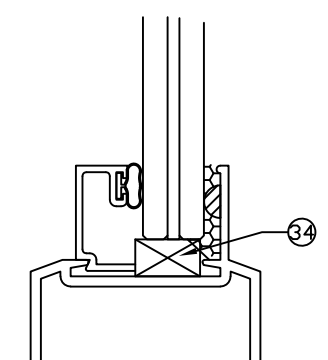


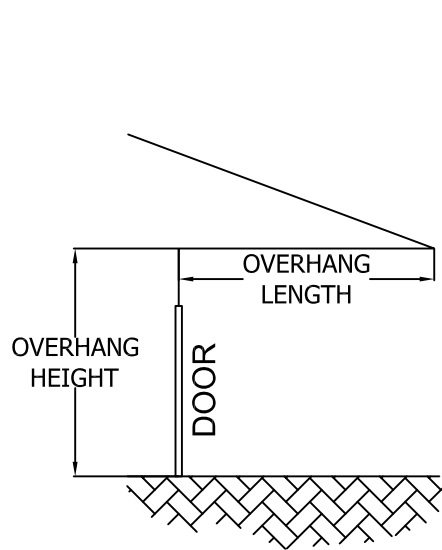
**GLASS TYPE 'G1'**  
5/16" NOM. LAMI. GLASS



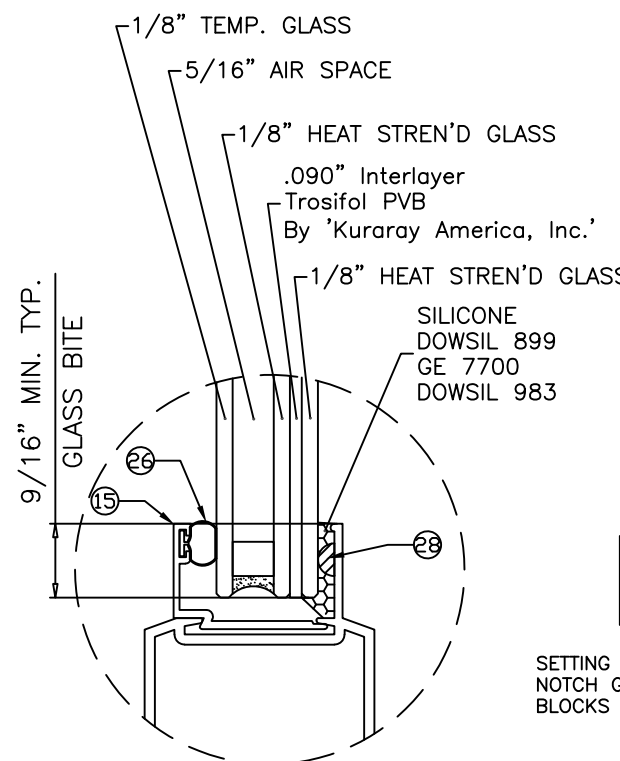
**GLASS TYPE 'G2'**  
7/16" NOM. LAMI. GLASS



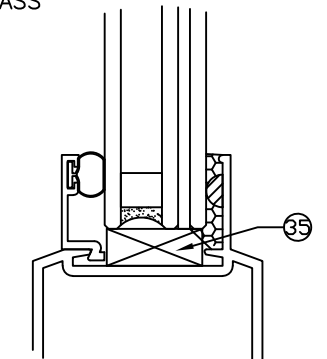
SETTING BLOCKS AT LAM. GLASS REQD. FOR WIDTHS EXCEEDING 36" ONLY. NOTCH GLAZING BEAD LEG TO CLEAR BLOCKS



**FIGURE A**



**GLASS TYPE 'G3'**  
3/4" NOM. INSUL. LAM. GLASS



SETTING BLOCKS AT INSUL. LAM. GLASS REQD. FOR WIDTHS EXCEEDING 36" ONLY. NOTCH GLAZING BEAD LEG TO CLEAR BLOCKS

**SERIES 600**  
**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 SEE SHEET 3.  
LOWER VALUES FROM SIDELITE CAPACITY CHART OR DOOR CAPACITY WILL APPLY TO ENTIRE SYSTEM.

DOOR WITH STANDARD THRESHOLD APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED. ADA THRESHOLD IS NOT APPROVED FOR WATER INFILTRATION RESISTANCE. DOORS WITH THE ADA THRESHOLD MAY BE INSTALLED IN LOCATIONS WHERE THE OVERHANG LENGTH IS GREATER THAN OR EQUAL TO THE OVERHANG HEIGHT (SEE FIGURE A).

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

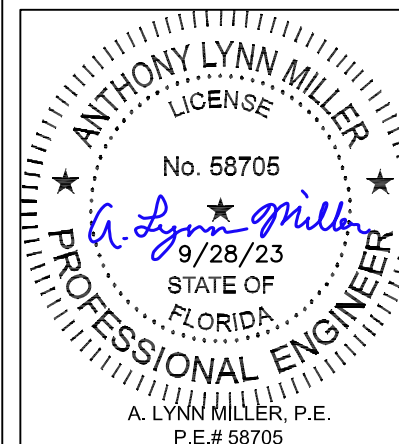
DESIGN LOAD SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'

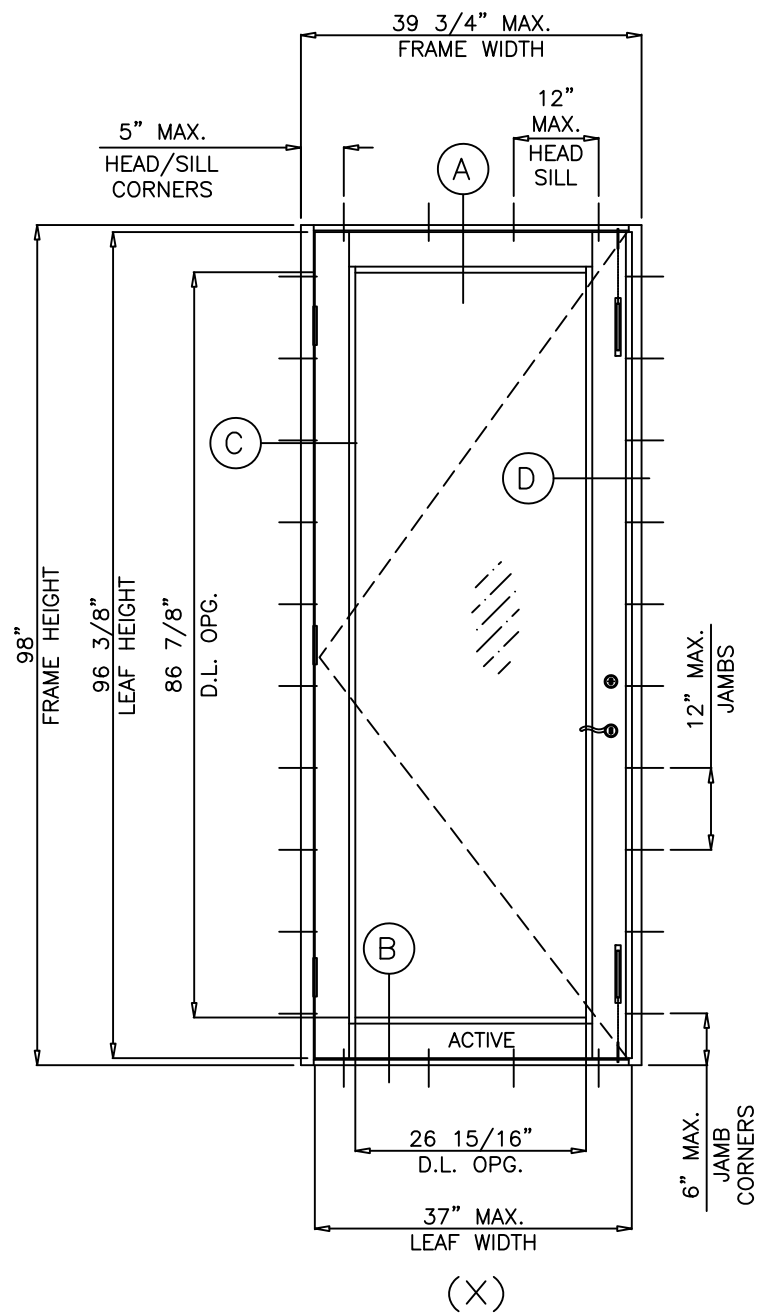
**GLAZING OPTIONS**

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

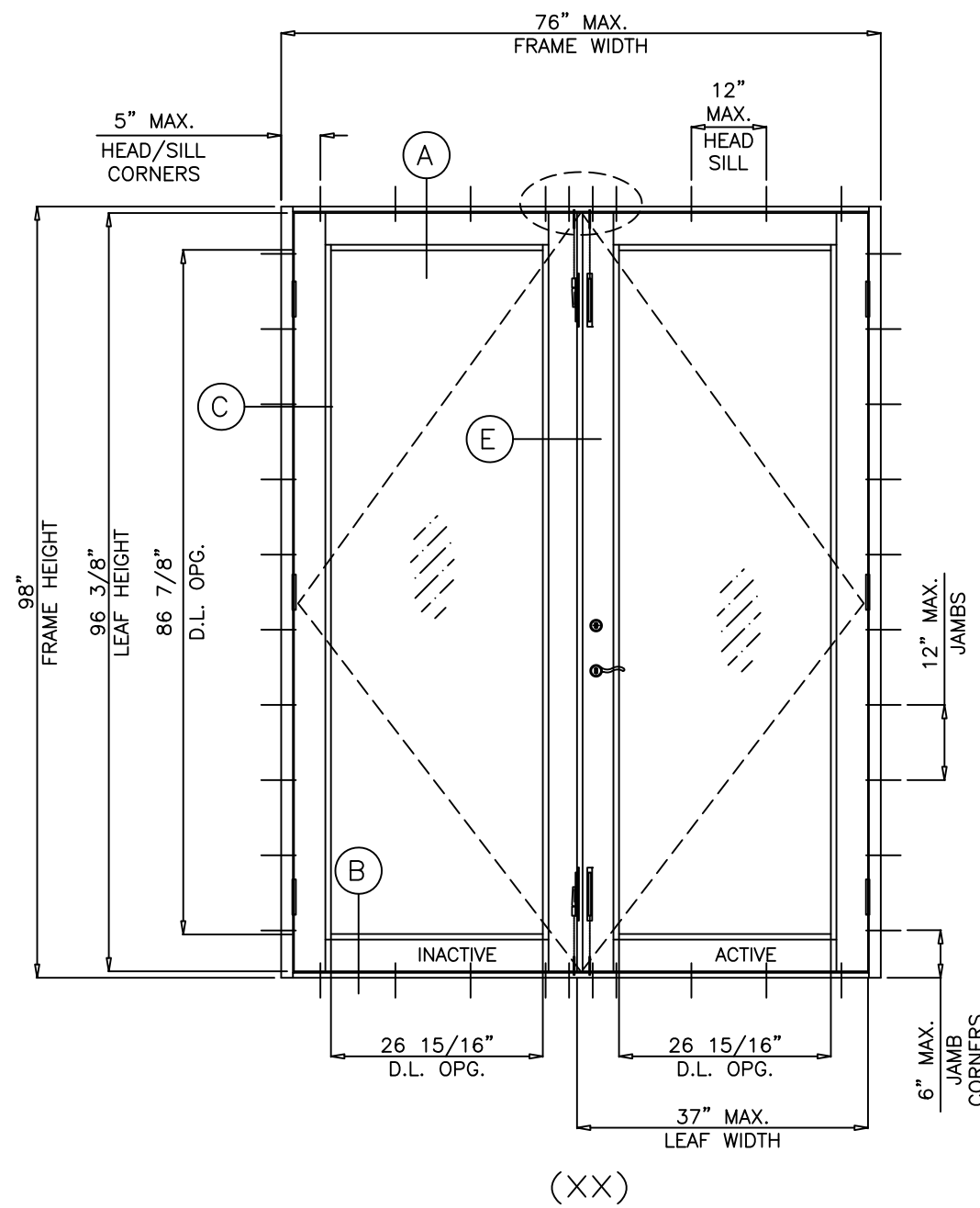
Revision:  
ADDED ADA THRESHOLD, REVISED TABLE FORMAT, ADDED DP TABLE ROUNDING AND ANCHOR HEAD TYPE NOTES, REMOVED SILICONE AND BACKSTOP ON INSTALL DETAIL

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	4/10/2022	A
	ECO WINDOW SYSTEMS, LLC. 8602 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902	HONG C. DRAWN BY	DATE
ECO WINDOW SYSTEMS, LLC. 8602 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902	SERIES 600 ALUM. OUTSWING ENTRANCE DOOR (L.M.I.)	GENERAL INFORMATION & GLASS	FD600FPA - LMI
SERIES 600	1 OF 12	SHEET	DWG No.

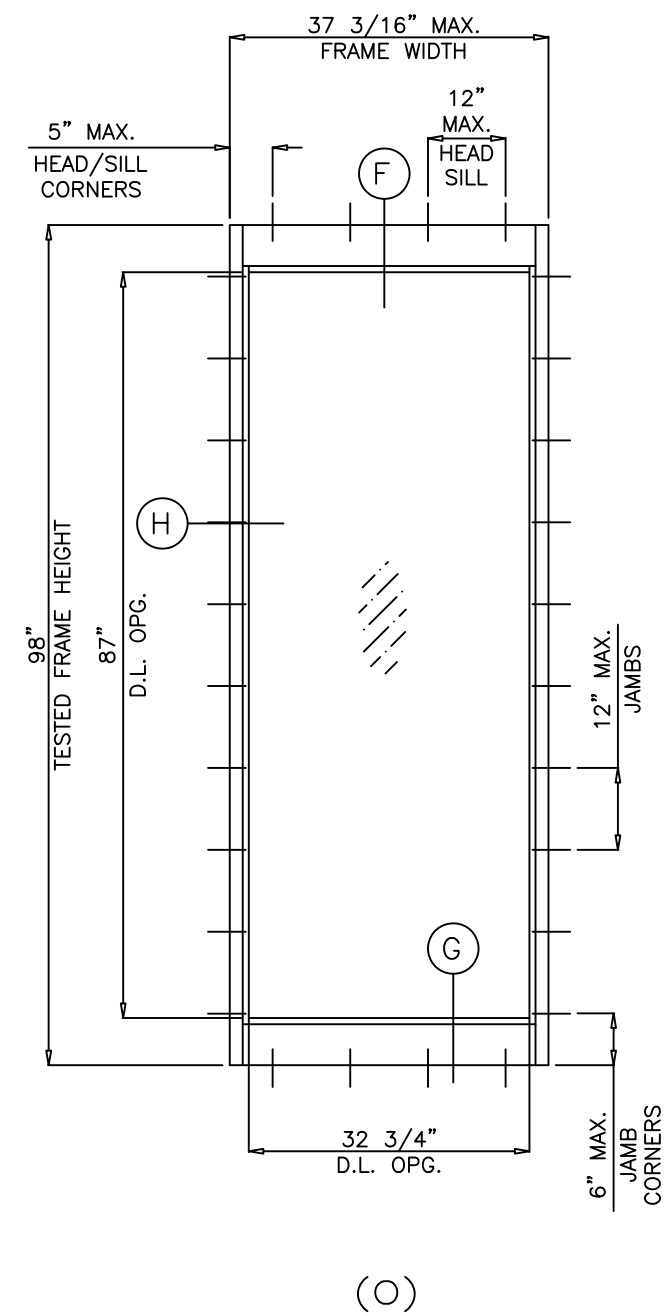




(X)



(XX)



(O)

STAND ALONE SINGLE SIDELITE  
SEE SHEET 3 FOR CAPACITY

DOORS LOAD CAPACITY - PSF SINGLE DOOR (X)				
DOOR DIMS.			LAMINATED GLASS	
FRAME WIDTH	LEAF WIDTH	FRAME HEIGHT	POS. (+)	NEG. (-)
39- 3/4"	37"	98"	70.0	75.0

DOORS LOAD CAPACITY - PSF DOUBLE DOOR (XX)				
DOOR DIMS.			LAMINATED GLASS	
FRAME WIDTH	LEAF WIDTH	FRAME HEIGHT	POS. (+)	NEG. (-)
76"	37"	98"	70.0	75.0

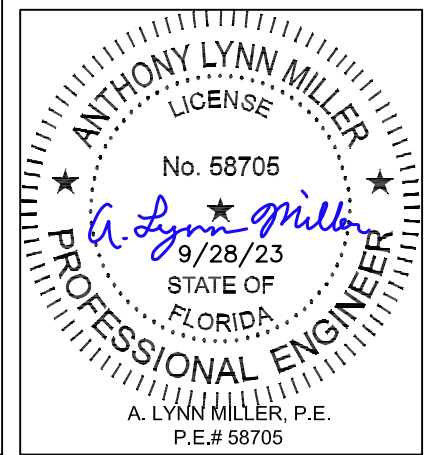
NOTE:  
EGRESS REQUIREMENTS TO BE REVIEWED  
BY BUILDING OFFICIAL

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-09 (3 SEC. GUSTS)

GLASS D.L.O. DIMS.  
D.L.O. HEIGHT = FRAME HEIGHT - 11.125"  
D.L.O. WIDTH (X DOORS) = FRAME WIDTH - 12.813"  
D.L.O. WIDTH (XX DOORS) = (FRAME WIDTH - 22.125")/2

Revision:  
ADDED ADA THRESHOLD, REVISED TABLE FORMAT, ADDED DP TABLE ROUNDING AND ANCHOR HEAD TYPE NOTES, REMOVED SILICONE AND BACKSTOP ON INSTALL DETAIL

<p>ECO WINDOW SYSTEMS, LLC. 8602 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902</p>	<p>PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600</p>	<p>REGISTRATION #29296</p>	<p>DATE: 4/10/2022</p>	<p>REVISION: A</p>
	<p>SERIES 600 ALUM. OUTSWING ENTRANCE DOOR (L.M.I.)</p>	<p>X, XX, &amp; O ELEVATIONS &amp; DP CHART</p>	<p>DWG No. 2 OF 12</p>	<p>DATE: 4/10/2022</p>



**Design Load Capacity - PSF**

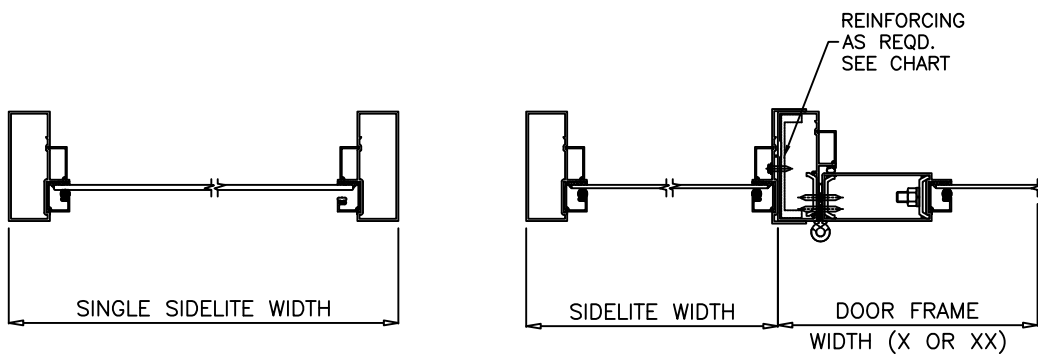
Stand Alone Single Sidelites

Sidelite Frame Width (in.)	Without Reinforcement	Sidelite Frame Height (in.)							
		82"		86"		92"		98"	
24"		+70.0	-75.0	+70.0	-75.0	+70.0	-75.0	+63.3	-63.3
30"		+70.0	-75.0	+70.0	-75.0	+69.8	-69.8	+57.8	-57.8
36"		+70.0	-75.0	+70.0	-75.0	+64.1	-64.1	+53.1	-53.1
37"		+70.0	-75.0	+70.0	-75.0	+63.3	-63.3	+52.4	-52.4
42"		+61.7	-66.1	+61.7	-66.1				

**Design Load Capacity - PSF**

Sidelites with Single or Double Leaf Doors  
(SEE NOTE BELOW)

Sidelite Frame Width (in.)	Reinf.	Sidelite Frame Height (in.)							
		82"		86"		92"		98"	
24"	w/o Reinf.	+70.0	-75.0	+70.0	-75.0	+70.0	-75.0	+63.3	-63.3
	w/ Reinf.	+70.0	-75.0	+70.0	-75.0	+70.0	-75.0	+70.0	-75.0
30"	w/o Reinf.	+70.0	-75.0	+70.0	-75.0	+69.8	-69.8	+57.8	-57.8
	w/ Reinf.	+70.0	-75.0	+70.0	-75.0	+70.0	-75.0	+70.0	-75.0
36"	w/o Reinf.	+70.0	-75.0	+70.0	-75.0	+64.1	-64.1	+53.1	-53.1
	w/ Reinf.	+70.0	-75.0	+70.0	-75.0	+70.0	-75.0	+70.0	-75.0
37"	w/o Reinf.	+70.0	-75.0	+70.0	-75.0	+63.3	-63.3	+52.4	-52.4
	w/ Reinf.	+70.0	-75.0	+70.0	-75.0	+70.0	-75.0	+70.0	-75.0
42"	w/o Reinf.	+61.7	-66.1	+61.7	-66.1				
	w/ Reinf.	+61.7	-66.1	+61.7	-66.1				



NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-09 (3 SEC. GUSTS)

FOR SINGLE OR DOUBLE DOORS CAPACITY SEE SHEET 2.  
FOR SIDELITE MULLION CAPACITY SEE CHART ABOVE.  
LOWER VALUES FROM DOOR CAPACITY CHARTS OR DOOR/SIDELITE  
MULLION CHART WILL APPLY TO ENTIRE SYSTEM.

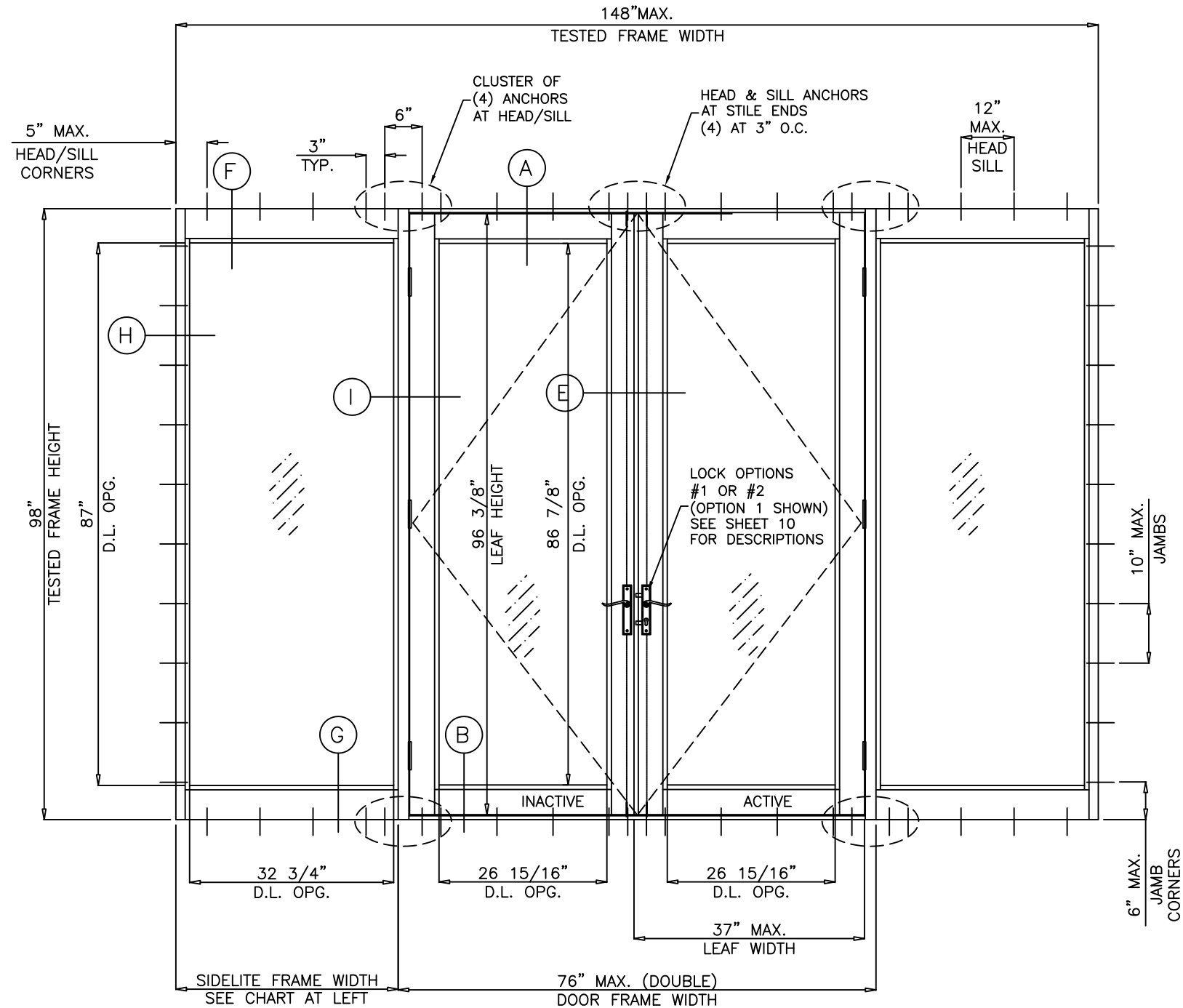
FOR STAND ALONE SINGLE SIDELITE CAPACITY SEE CHART ABOVE.

FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH  
OR HEIGHT DIMENSION SHOWN ON THE TABLE.

GLASS D.L.O. DIMS.

D.L.O. HEIGHT (SIDELITE) = FRAME HEIGHT - 11.000"

D.L.O. WIDTH (SIDELITE) = FRAME WIDTH - 4.438"



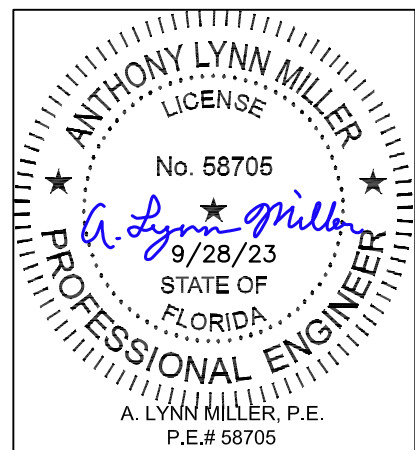
(OXXO)

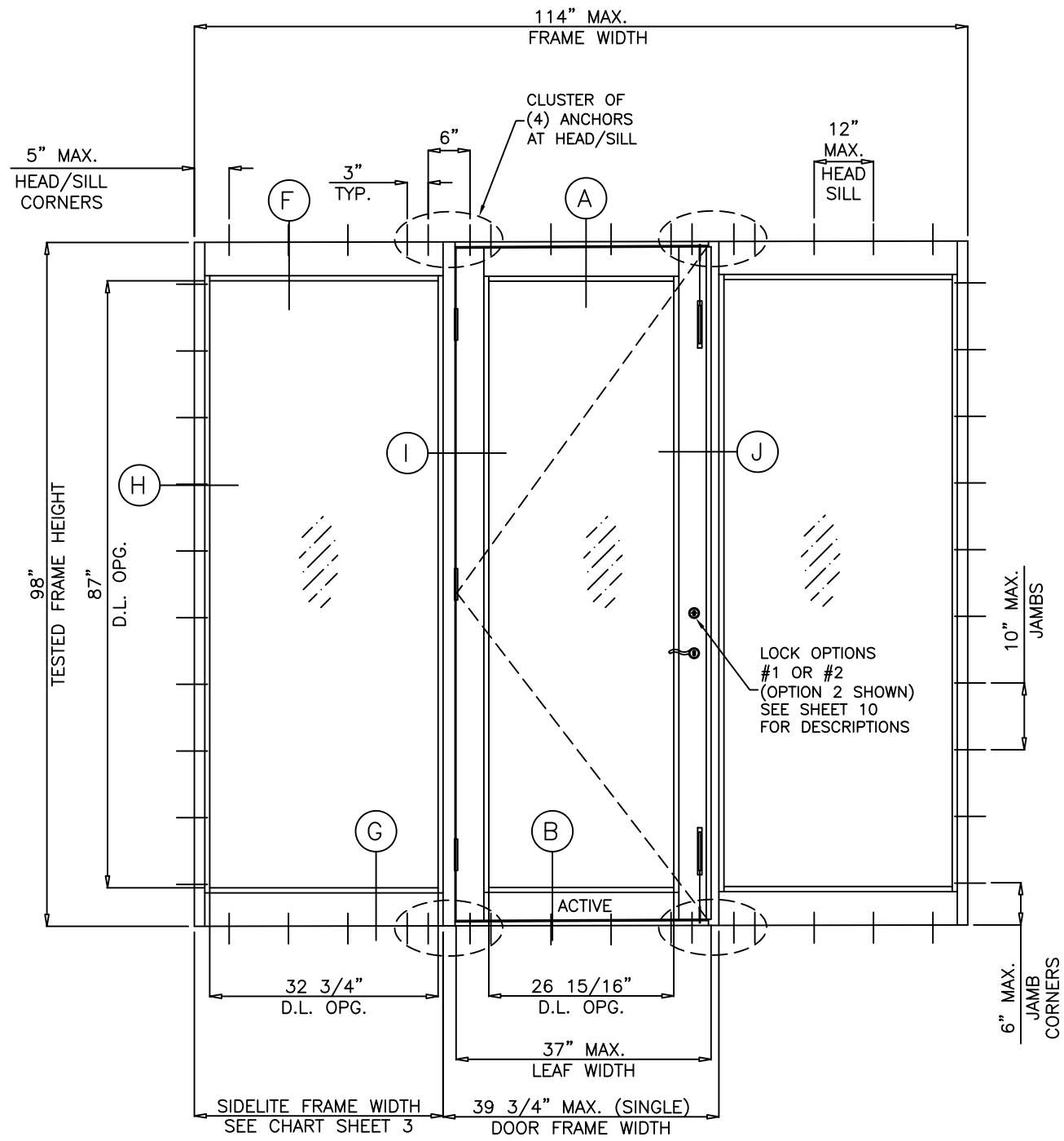
FOR OXO AND OX/XO CONFIGURATIONS, SEE SHEET 4 & 5 RESPECTIVELY.

MAX. UNIT TESTED FRAME AREA NOT TO EXCEED 100.72 SQ. FT. PER FBC

Revision:  
ADDED ADA THRESHOLD, REVISED TABLE FORMAT, ADDED DP TABLE ROUNDING AND ANCHOR HEAD TYPE NOTES, REMOVED SILICONE AND BACKSTOP ON INSTALL DETAIL

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	4/10/2022	Rev.	A
	ECO WINDOW SYSTEMS, LLC. 8602 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902	SERIES 600 ALUM. OUTSWING ENTRNCE DOOR (L.M.I.)	Drawn HONG C.	DWG No. FD600FPA - LMI	Sheet 3 OF 12

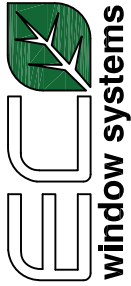


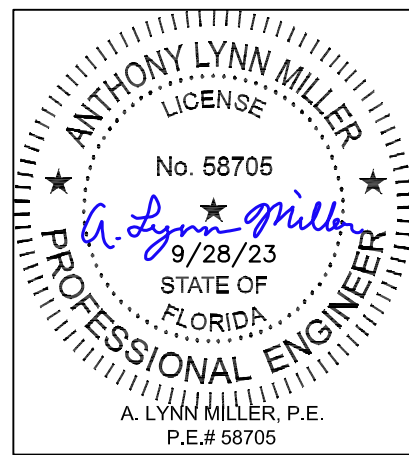


(OXO)  
HINGED LEFT SHOWN  
HINGED RIGHT SIMILAR

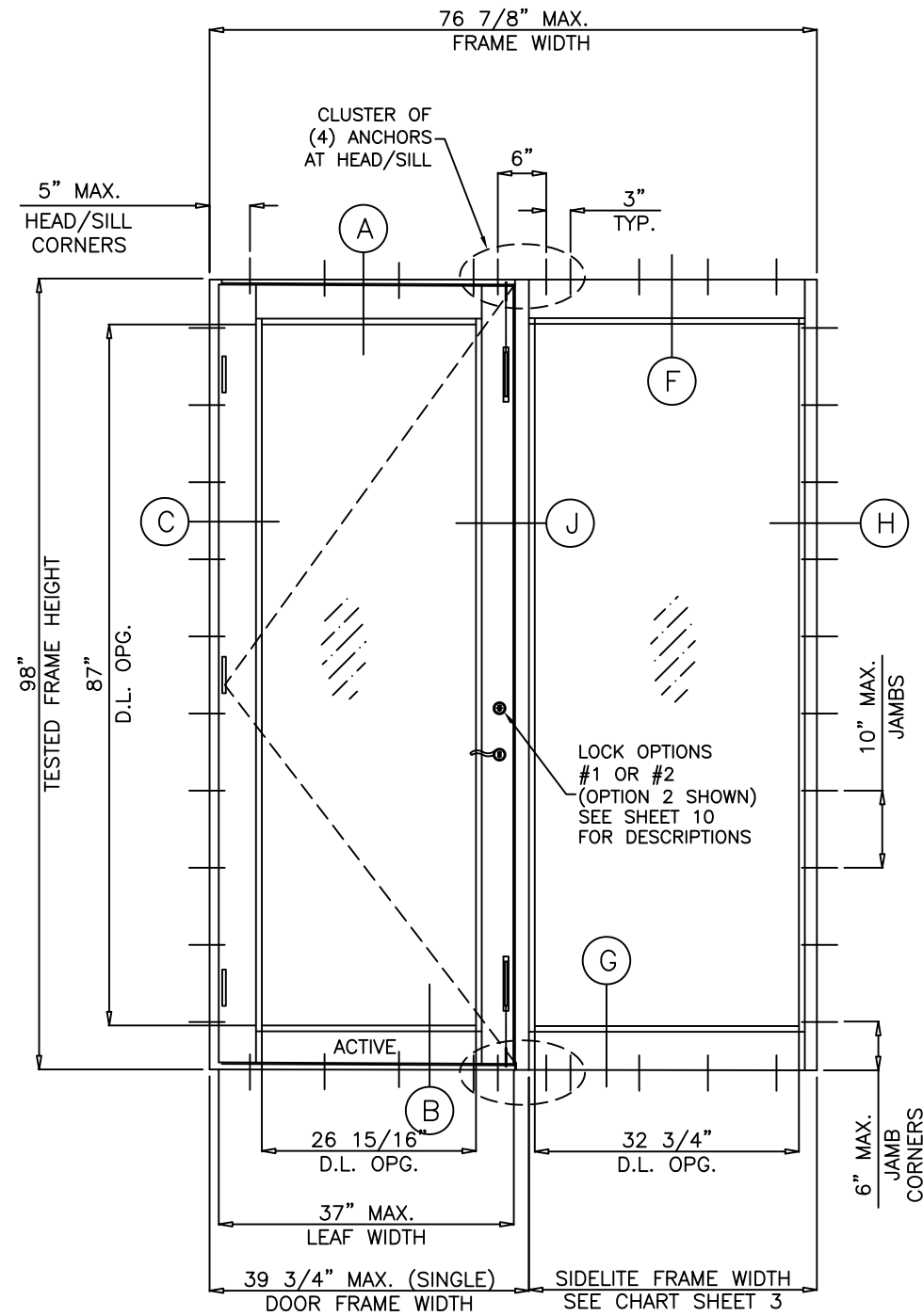
NOTE:  
FOR SINGLE OR DOUBLE DOORS CAPACITY SEE SHEET 2.  
FOR SIDELITE MULLION CAPACITY SEE CHART ON SHEET 3.  
LOWER VALUES FROM DOOR CAPACITY CHARTS OR DOOR/SIDELITE  
MULLION CHART WILL APPLY TO ENTIRE SYSTEM.  
FOR STAND ALONE SINGLE SIDELITE CAPACITY SEE CHART SHEET 3.

Revision:  
ADDED ADA  
THRESHOLD,  
REVISED TABLE  
FORMAT,  
ADDED DP  
TABLE  
ROUNDING AND  
ANCHOR HEAD  
TYPE NOTES,  
REMOVED  
SILICONE AND  
BACKSTOP ON  
INSTALL DETAIL

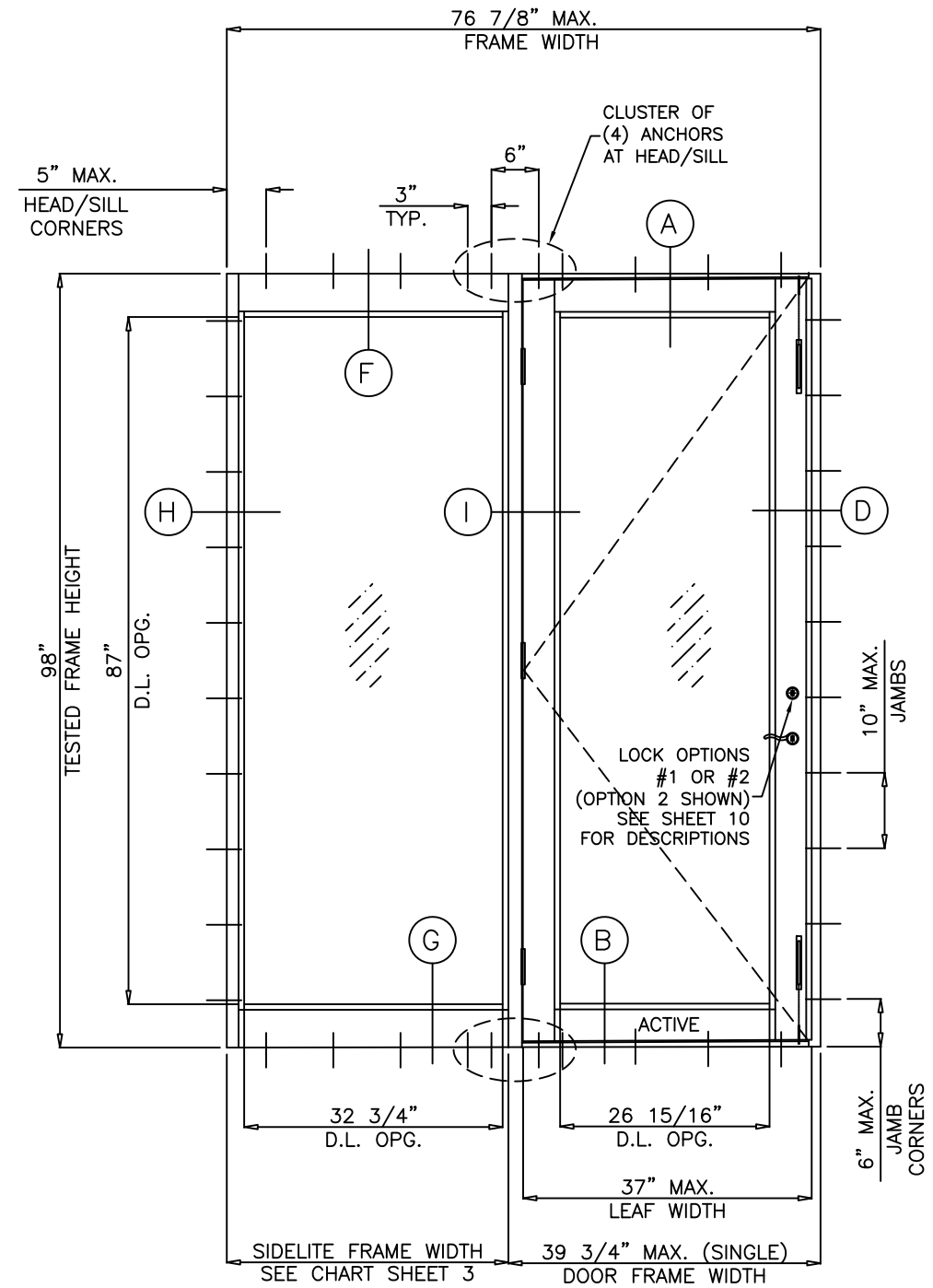
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	4/10/2022
	DRAWN BY HONG C.		
 ECO WINDOW SYSTEMS, LLC. 8602 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902	SERIES 600 ALUM. OUTSWING ENTRANCE DOOR (L.M.I.)	Sheet	4 OF 12
		DMG No.	FD600FPA - LMI
Series	OXO ELEVATION	Revised	A



A. LYNN MILLER, P.E.  
P.E.# 58705



(XO W/ LOCK STILE TO MULL)  
OX SIMILAR



(OX W/ HINGE STILE TO MULL)  
XO SIMILAR

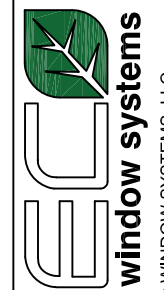
NOTE:

FOR SINGLE OR DOUBLE DOORS CAPACITY SEE SHEET 2.  
FOR SIDELITE MULLION CAPACITY SEE CHART ON SHEET 3.  
LOWER VALUES FROM DOOR CAPACITY CHARTS OR DOOR/SIDELITE  
MULLION CHART WILL APPLY TO ENTIRE SYSTEM.

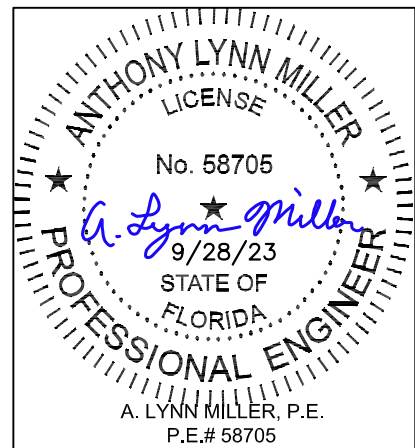
FOR STAND ALONE SINGLE SIDELITE CAPACITY SEE CHART SHEET 3.

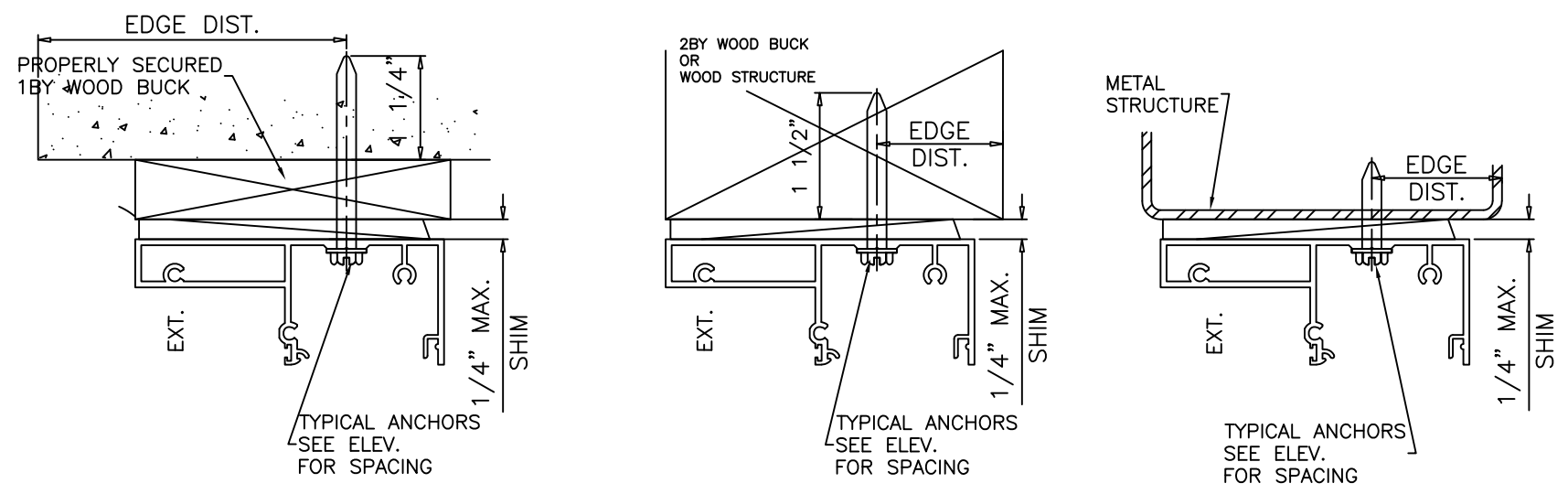
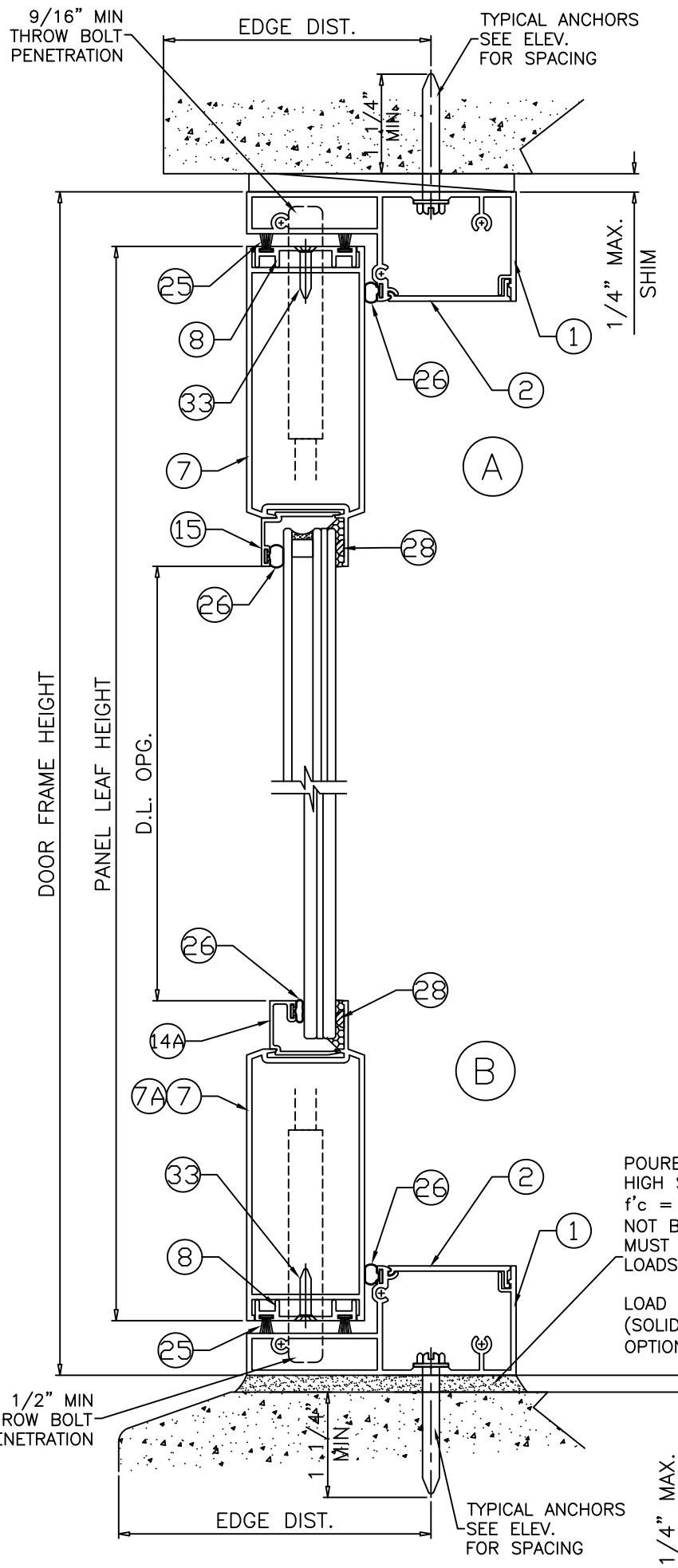
Revision:	ADDED ADA THRESHOLD, REVISED TABLE FORMAT, ADDED DP TABLE ROUNDRING AND ANCHOR HEAD TYPE NOTES, REMOVED SILICONE AND BACKSTOP ON INSTALL DETAIL
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Prepared by	A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	Registration #	29296
Drawn by	HONG C.	Date	4/10/2022
Series	600	Sheet	5 OF 12
Desc.	XO/OX ELEVATIONS	DWG No.	FD600FPA - LMI
Title	SERIES 600 ALUM. OUTSWING ENTRANCE DOOR (L.M.I.)	Rev.	A



ECO WINDOW SYSTEMS, LLC.  
8602 N.W. 80th ST. MEDLEY, FL 33166  
TEL: (305) 885-5299 FAX: (305) 885-5902



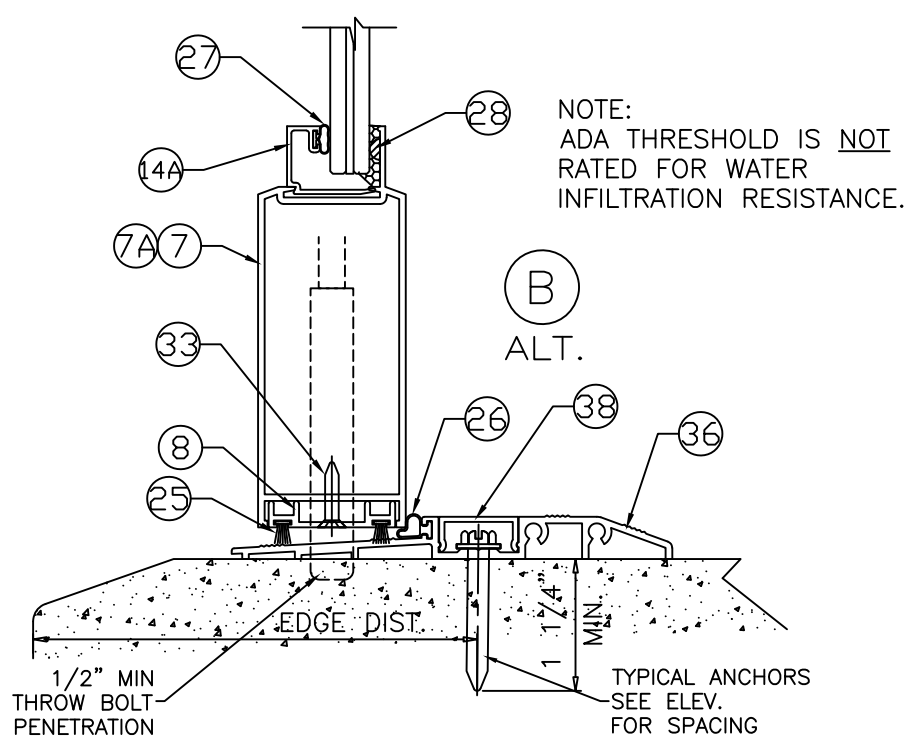


1BY OR 2BY WOOD BUCKS AND METAL STRUCTURE NOT BY 'ECO WDW.' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

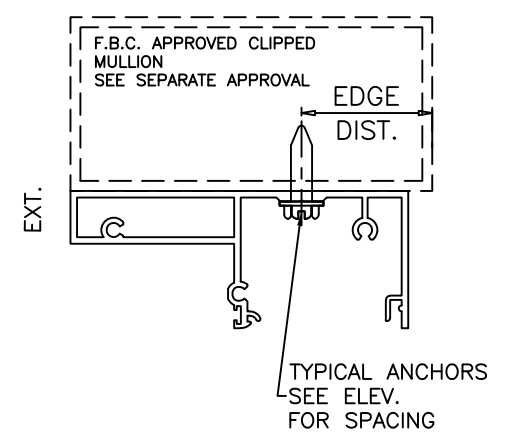
**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

Anchor Type	Frame Member	Substrate	Min. Edge Distance	Min. Embedment or Metal Thickness
1/4" DeWalt UltraCon +	All	Southern Pine (SG = 0.55)	1"	1-1/2"
	All	Thru 1BY Buck into Concrete (min. 3 ksi)	2-1/2"	1-1/4"
	Jambs	Thru 1BY Buck into Hollow or Filled Block (ASTM C90, min. 2 ksi)	2-1/2"	1-1/4"
	All	Concrete (min. 3ksi)	2-1/2"	1-1/4"
	Jambs	Hollow or Filled Block (ASTM C90, min. 2 ksi)	2-1/2"	1-1/4"
#14 SMS or Self Drilling Screws (Gr. 2)	All	F.B.C Approved Mullions	3/4"	(3) Threads min. beyond metal thickness
	Head/Jambs	Aluminum 1/8" Thk. Min. (6063-T5)	3/4"	(3) Threads min. beyond metal thickness
	Head/Jambs	Steel 1/8" Thk. Min. (min. 36 ksi)	3/4"	(3) Threads min. beyond metal thickness

1. STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED
2. ALL ANCHOR HEAD TYPES ARE ACCEPTABLE



NOTE: ADA THRESHOLD IS NOT RATED FOR WATER INFILTRATION RESISTANCE.



Revision:  
 ADDED ADA THRESHOLD, REVISED TABLE FORMAT, ADDED DP TABLE ROUNDING AND ANCHOR HEAD TYPE NOTES, REMOVED SILICONE AND BACKSTOP ON INSTALL DETAIL

PREPARED BY A. LYNN MILLER  
 1070 TECHNOLOGY DRIVE  
 N. VENICE, FL 34275  
 (941) 480-1600

REGISTRATION #29296

ECO WINDOW SYSTEMS, LLC.  
 8602 N.W. 80th ST. MEDLEY, FL 33166  
 TEL: (305) 885-5299 FAX: (305) 885-5902

SERIES 600 ALUM. OUTSWING ENTRANCE DOOR (L.M.I.)

DATE: 4/10/2022

DRAWN BY: HONG C.

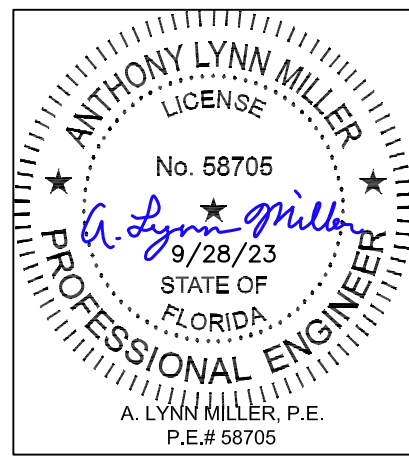
DOOR VERTICAL SECTION DETAILS & ANCHORS

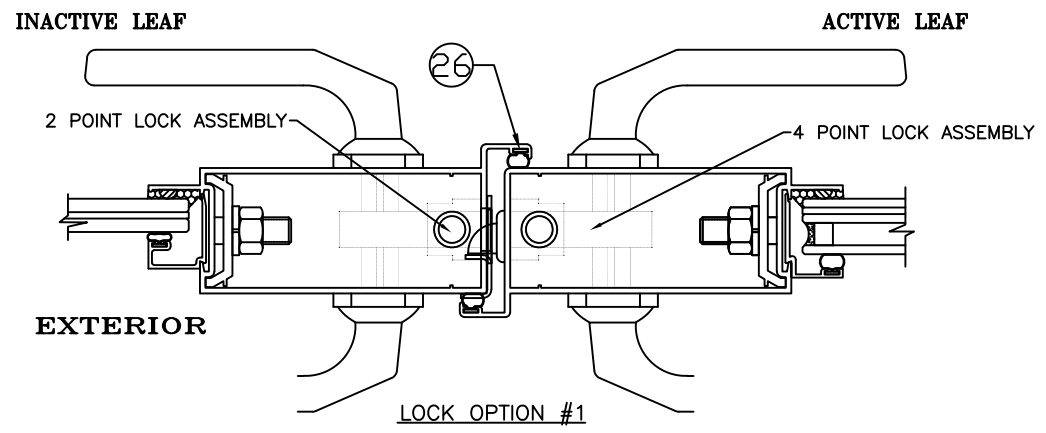
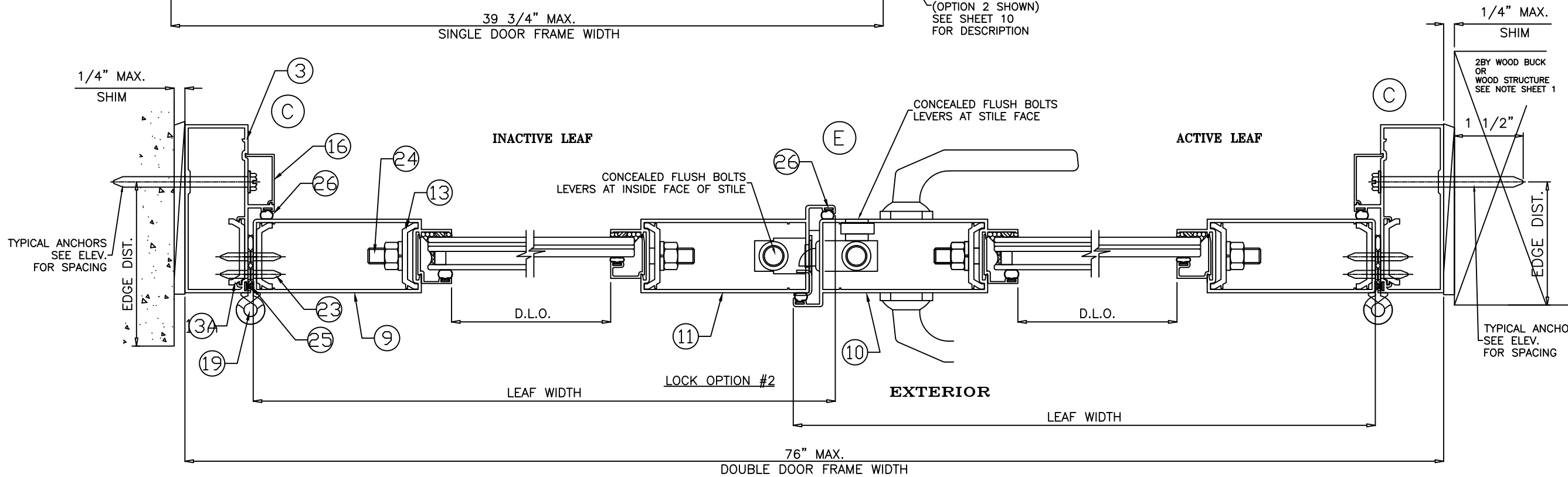
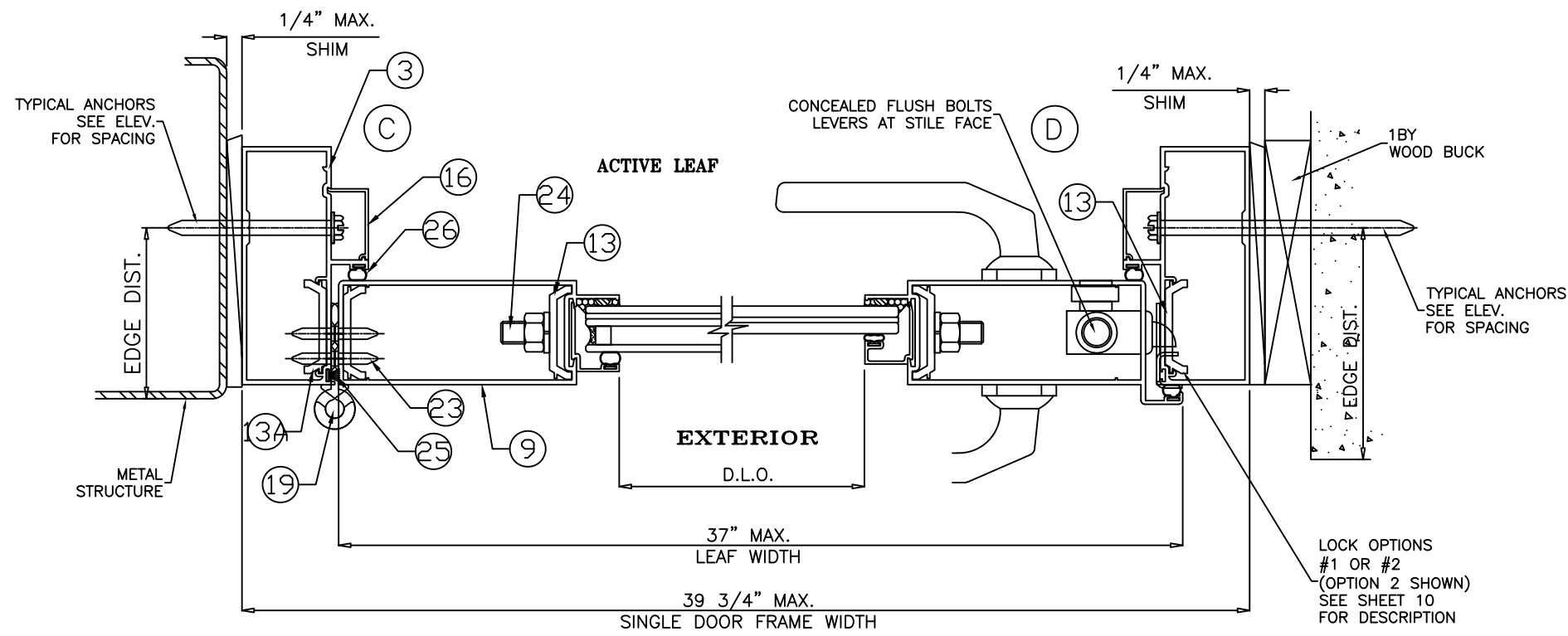
SERIES 600

6 OF 12

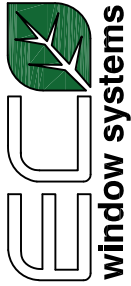
NO. FD600FPA - LMI

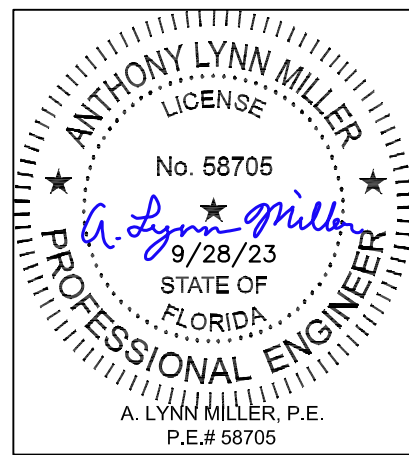
REV. A

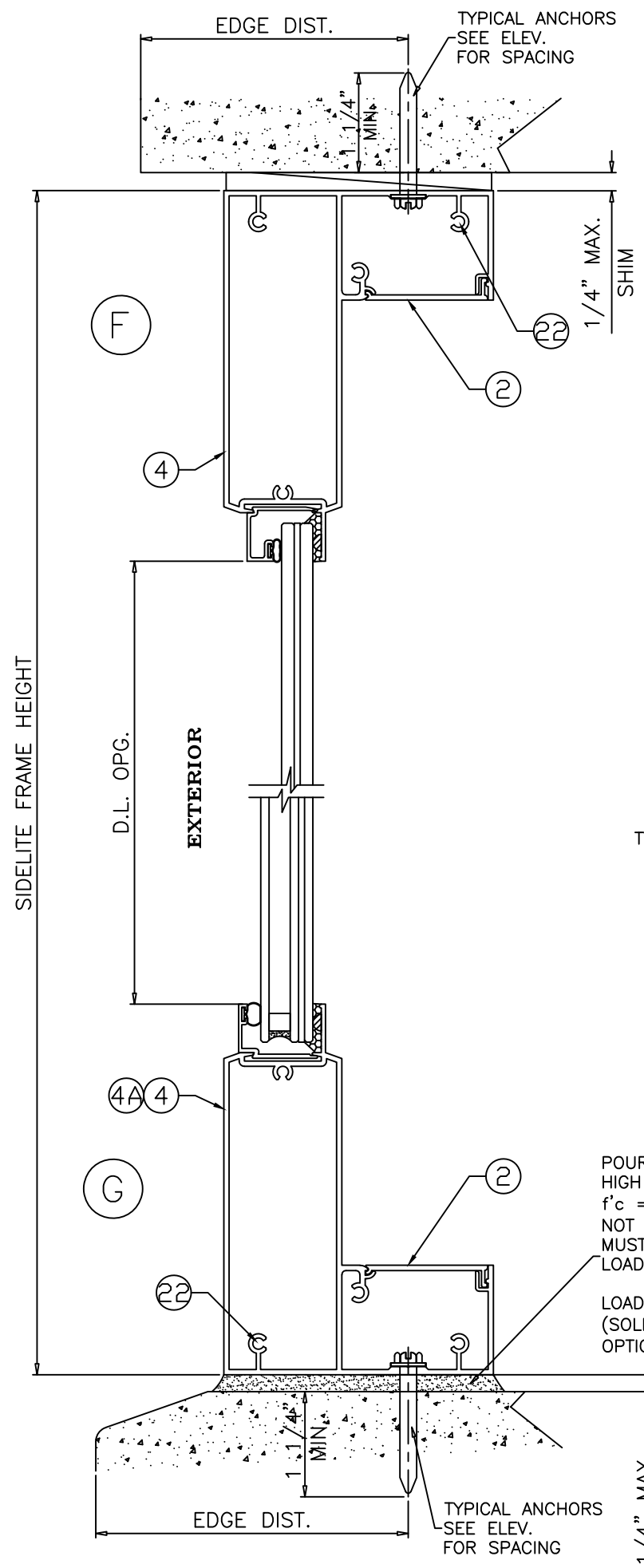




Revision:  
 ADDED ADA THRESHOLD, REVISED TABLE FORMAT, ADDED DP TABLE ROUNDING AND ANCHOR HEAD TYPE NOTES, REMOVED SILICONE AND BACKSTOP ON INSTALL DETAIL

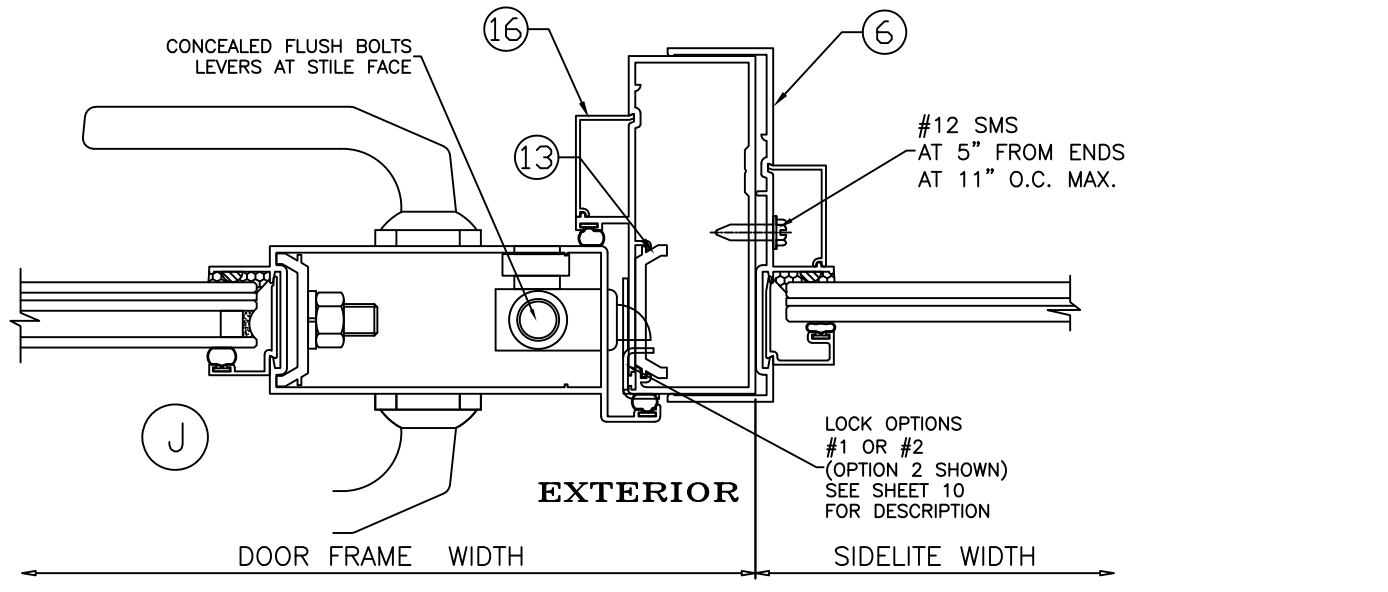
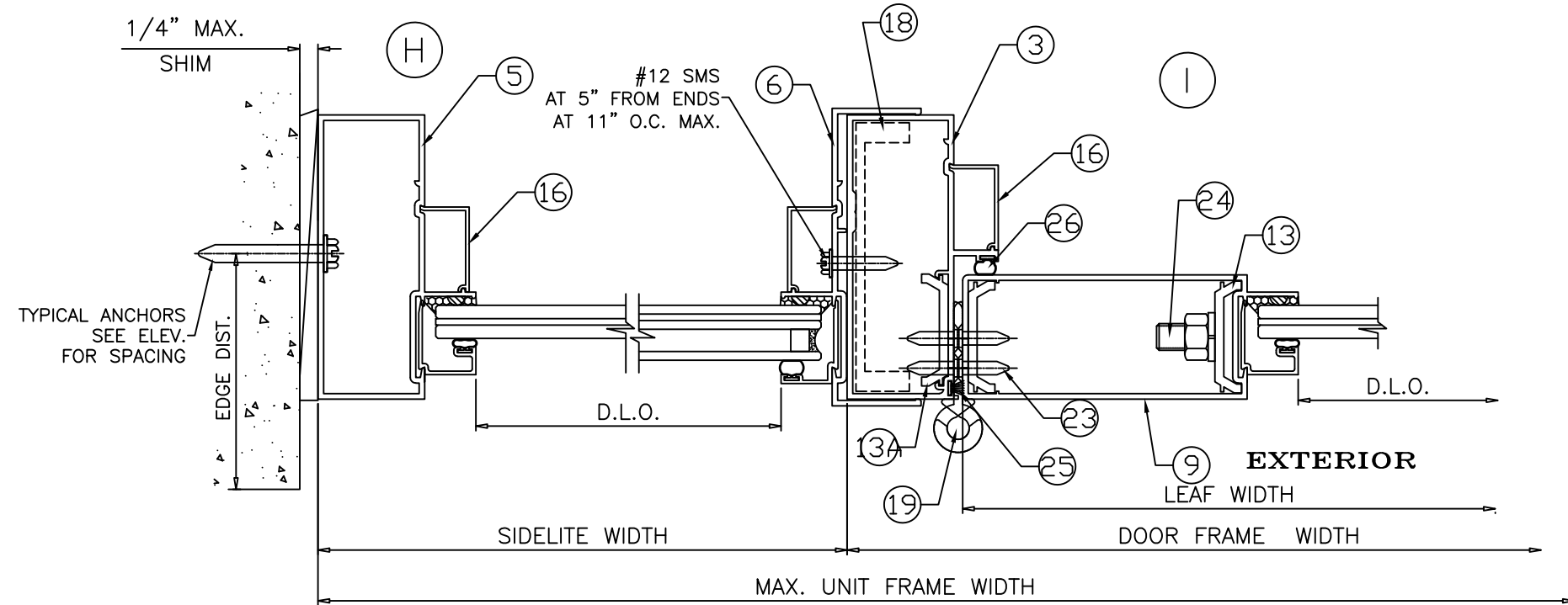
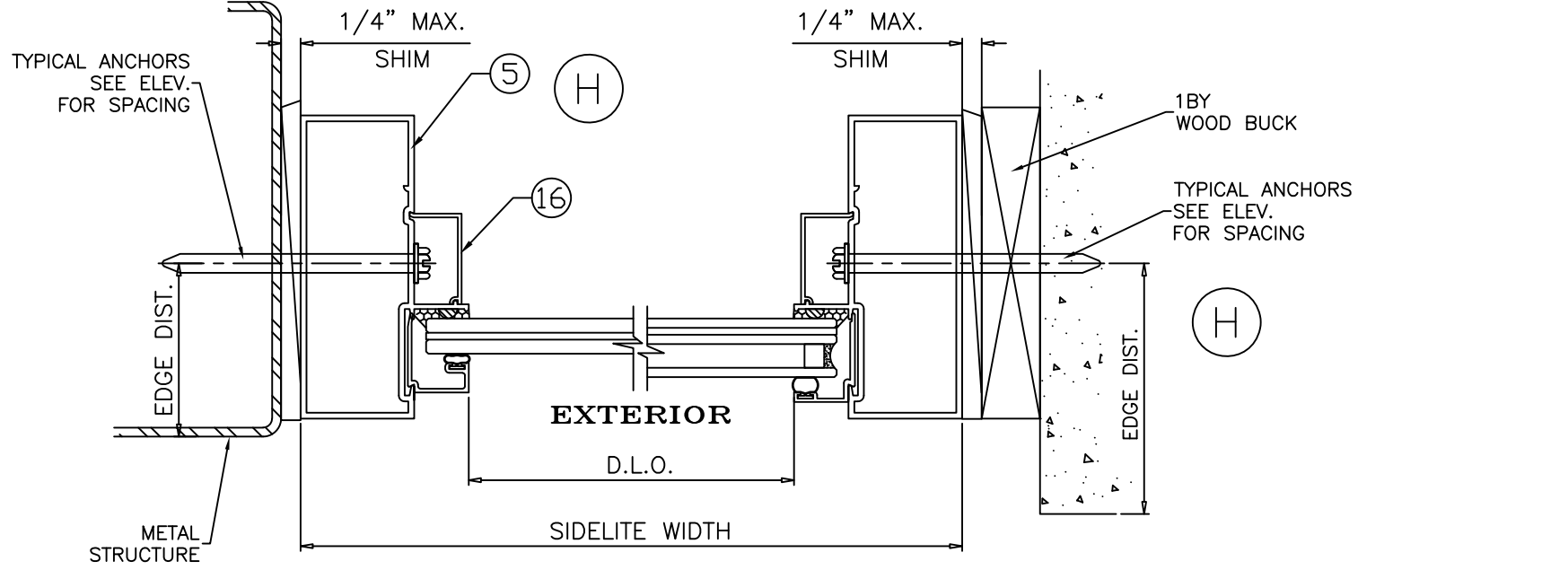
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date 4/10/2022	Rev. A
 ECO WINDOW SYSTEMS, LLC. 8602 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902	SERIES 600 ALUM. OUTSWING ENTRANCE DOOR (L.M.I.)	Drawn HONG C.	DWG No. FD600FPA - LMI
		Sheet 7 OF 12	Series Desc. DOOR HORIZONTAL SECTION DETAILS





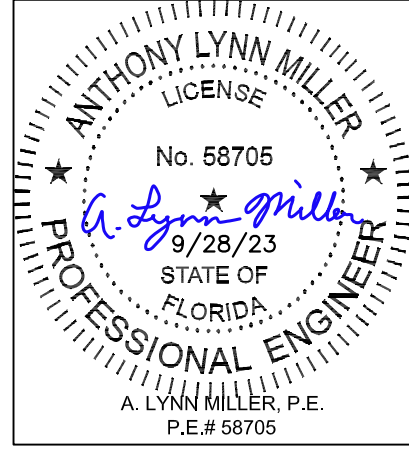
POURED & HARDENED HIGH STRENGTH GROUT  $f'_c = 5000$  PSI MIN. NOT BY "ECO WINDOWS" MUST TRANSFER SHEAR LOADS TO STRUCTURE

LOAD BEARING (SOLID SHIMS OPTIONAL TO GROUT)



Revision:  
 ADDED ADA THRESHOLD, REVISED TABLE FORMAT, ADDED DP TABLE ROUNDING AND ANCHOR HEAD TYPE NOTES, REMOVED SILICONE AND BACKSTOP ON INSTALL DETAIL

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296	Date	4/10/2022	Rev.	A
ECO WINDOW SYSTEMS, LLC. 8602 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902			Drawn	HONG C.	DWG No.	FD600FPA - LMI
SERIES 600 ALUM. OUTSWING ENTRNCE DOOR (L.M.I.)			Title		Sheet	8 OF 12
SIDELITE VERTICAL AND HORIZONTAL DETAILS			Series Desc.			
SERIES 600						



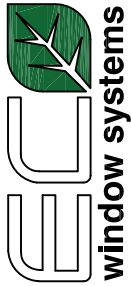


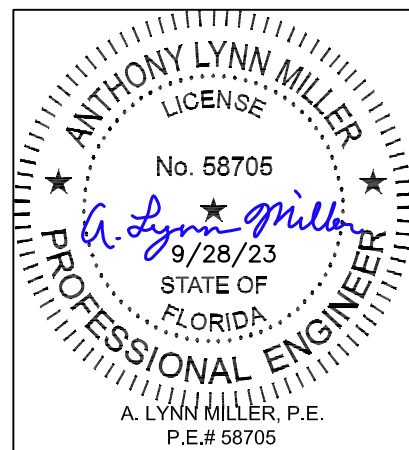
ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	E601	-	DOOR FRAME HEAD/SILL	6063 - T6	-
2	E602	-	FRAME COVER	6063 - T6	-
3	E603	-	DOOR FRAME JAMB	6063 - T6	-
4	E604	-	SIDELITE TOP & BOTTOM FRAME	6063 - T6	-
4A	E626	-	SIDELITE 9" BOTTOM FRAME	6063 - T6	-
5	E605	-	SIDELITE FRAME JAMB	6063 - T6	-
6	E606	-	SIDELITE SLIP ON JAMB	6063 - T6	-
7	E607	-	LEAF TOP & BOTTOM RAIL	6063 - T6	-
7A	E625	-	LEAF 9" BOTTOM RAIL	6063 - T6	-
8	E608	-	LEAF W'STRIP ADAPTER	6063 - T6	-
9	E609	-	LEAF HINGE STILE	6063 - T6	-
10	E610	-	LEAF LOCK STILE	6063 - T6	-
11	E611	-	LEAF ASTRAGAL STILE	6063 - T6	-
12	E612	-	LEAF ALIGNMENT BRACKET	6063 - T6	-
13	E613	-	LEAF CLAMP	6063 - T6	4-1/4" LONG
13A	E613	-	HINGE BACK-UP PLATE	6063 - T6	12" LONG
14	E614	-	GLAZING BEAD (5/16" LAM. GLASS)	6063 - T6	-
14A	E109	-	GLAZING BEAD (7/16" LAM. GLASS)	6063 - T6	-
15	E615	-	GLAZING BEAD (INSUL. GLASS)	6063 - T6	-
16	E616	-	SNAP COVER	6063 - T6	-
17	E613	-	BOLT SUPPORT	6063 - T6	NOT SHOWN
18	-	AS REQD.	SIDELITE MULLION REINFORCING	6063 - T6	-
19	FD-107	3/ LEAF	BUTT HINGE	ALUMINUM	SULLIVAN & ASSOC.
20	FB1202	-	FLUSH BOLT LEVER	-	SULLIVAN & ASSOC.
21	FBR914SS	-	CONCEALED FLUSH BOLT ROD	ST. STEEL	SULLIVAN & ASSOC.
22	#10 X 1-1/2"	AS REQD.	FRAME ASSEMBLY SCREWS	-	-
23	#10 X 3/4"	-	HINGE INSTALLATION FASTENERS	-	FH SMS
24	-	-	3/8" DIA. THREADED ROD	STEEL	-
25	W11323	-	PILE W'STRIPPING	WOOL	ULTRAFAB
26	E20618-KN-3020	-	BULB W'STRIPPING	SANTOPRENE	EPDM
27	E206	-	GLAZING BEAD BULB	SANTOPRENE	ULTRAFAB
28	-	-	GLASS SPACER	SILICONE	FRANK LOWE RUBBER CO.
29	E622	-	FLUSH BOLT CUP	NYLON	-
30	DL01RC	-	BLACK BOLT SUPPORT BLOCK	POLYETHYLENE	INTERLOCK
31	DL01WB	-	WHITE BOLT SUPPORT BLOCK	POLYETHYLENE	ACME PLASTIC
33	#10 X 3/4"	2/ ADAPTER	FH SELF DRILLING SCREWS	-	FH SMS
34	-	2/ LITE	SETTING BLOCK, 1/4" X 1/2" X 4"LONG	EPDM	AT 6" FROM EACH END, DUROMETER 80±5
35	-	2/ LITE	SETTING BLOCK, 1/4" X 3/4" X 4"LONG	EPDM	AT 6" FROM EACH END, DUROMETER 80±5
36	E804	-	ADA THRESHOLD	6063-T6	-
38	E816	-	ADA THRESHOLD COVER	6063-T6	-

**SEALANT:**

ALL FRAME/PANEL JOINTS AND SEAMS SEALED WITH SCHNEE MOREHEAD JM5504 SEALANT

Revision:  
 ADDED ADA THRESHOLD, REVISED TABLE FORMAT, ADDED DP TABLE ROUNDING AND ANCHOR HEAD TYPE NOTES, REMOVED SILICONE AND BACKSTOP ON INSTALL DETAIL

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	Date	4/10/2022
	Drawn	HONG C.
 ECO WINDOW SYSTEMS, LLC. 8602 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902	SERIES 600 ALUM. OUTSWING ENTRNCE DOOR (L.M.I.) BILL OF MATERIALS	No. 9 OF 12 DWG No. FD600FPA - LMI Rev. A



**LOCKS:**

OPTION #1:

ACTIVE LEAF:

4 POINT LOCK ASSEMBLY DL01-6007 BY 'INTERLOCK USA INC.'  
 (2) LOCKING POINTS ENGAGING AT INACTIVE LEAF AT STRIKE  
 PLATE 1/2" DIA. THROW BOLT (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. THROW BOLTS 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

OPTION #2:

ACTIVE LEAF:

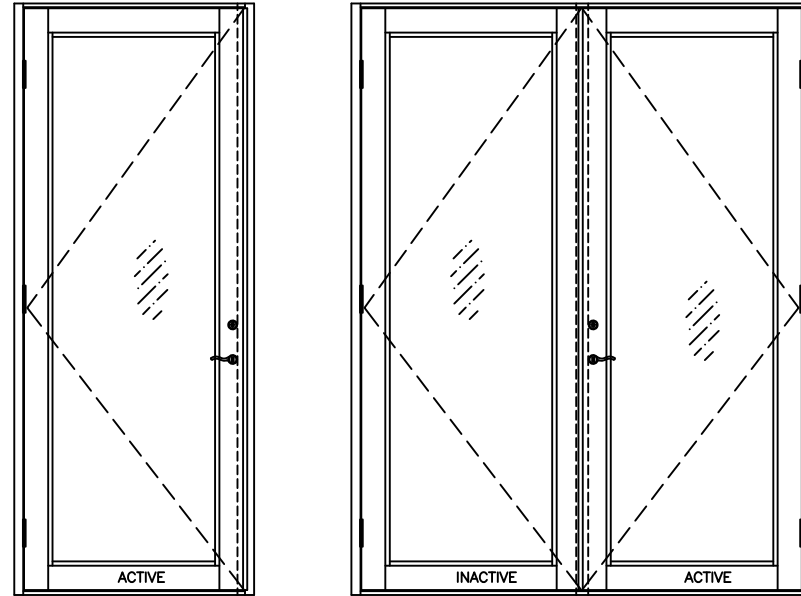
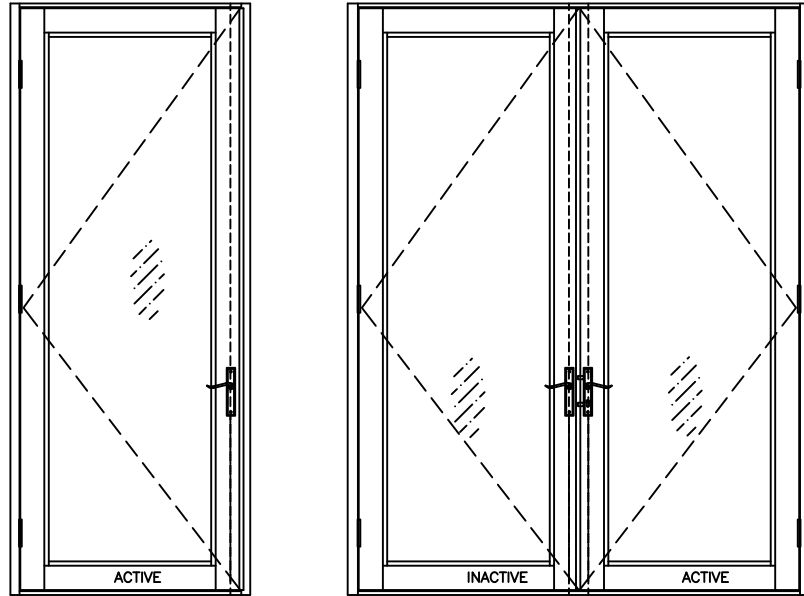
CONVENTIONAL DOOR LOCKSET WITH HANDLE  
 DELTA 690 BY 'KWIKSET' LOCATED AT 39-1/4" FROM BOTTOM  
 KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR  
 THROW BOLT LOCATED AT 44-3/4" FROM BOTTOM

CONCEALED FLUSH BOLTS BY 'SULLIVAN & ASSOC.'

1/2" X 2" THROW BOLTS ENGAGING FRAME AT HEAD AND SILL  
 MANUALLY OPERATED LEVERS MOUNTED ON STILE FACE LOCATED  
 AT 10-5/8" FROM TOP AND BOTTOM  
 LOCK FASTENED TO STILE WITH (2) #8-32 X 1/2" FH MS

INACTIVE LEAF:

CONCEALED FLUSH BOLTS BY 'SULLIVAN & ASSOC.'  
 1/2" X 2" THROW BOLTS ENGAGING FRAME AT HEAD AND SILL  
 MANUALLY OPERATED LEVERS MOUNTED ON INSIDE FACE OF  
 LEAF STILE LOCATED AT 10-5/8" FROM TOP AND BOTTOM  
 LOCK FASTENED TO STILE WITH (2) #8-32 X 1/2" FH MS

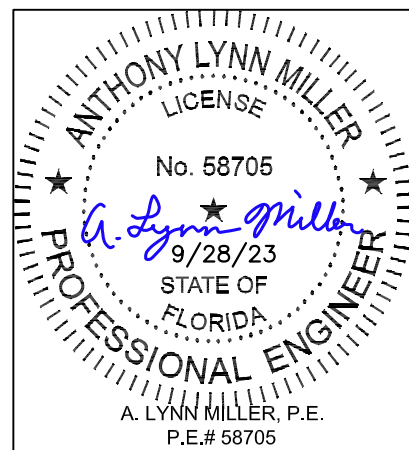


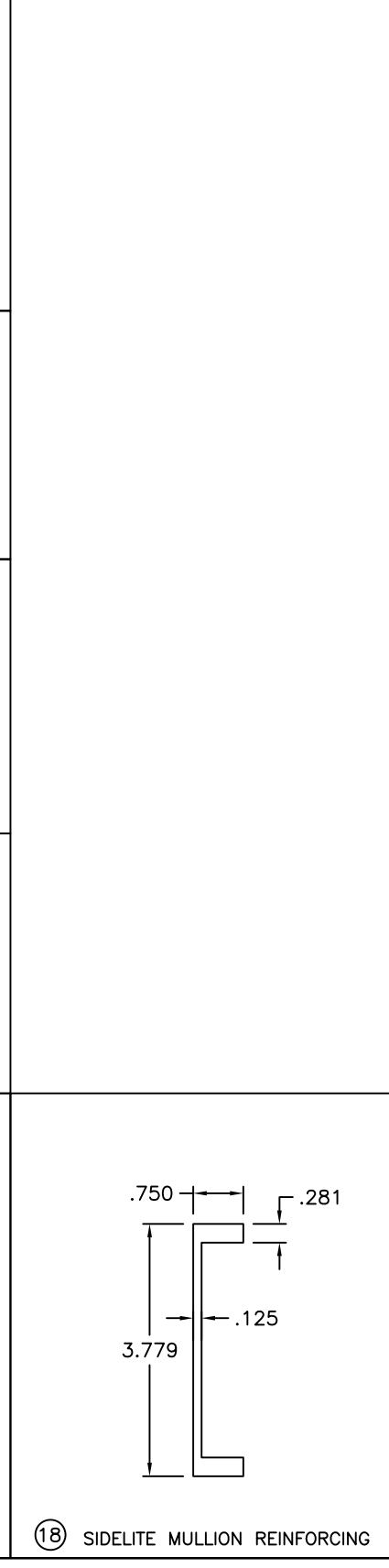
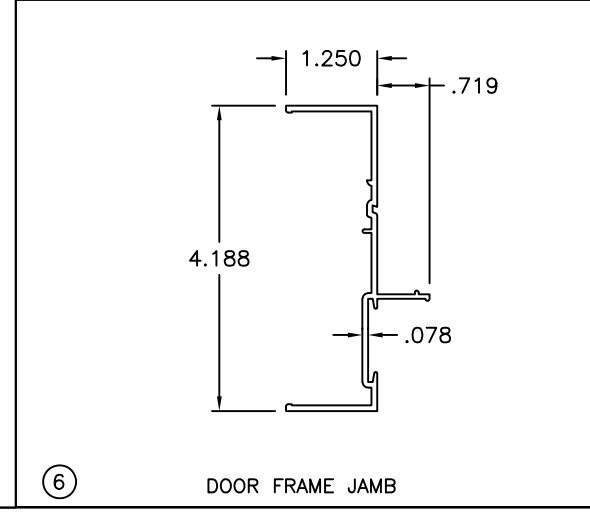
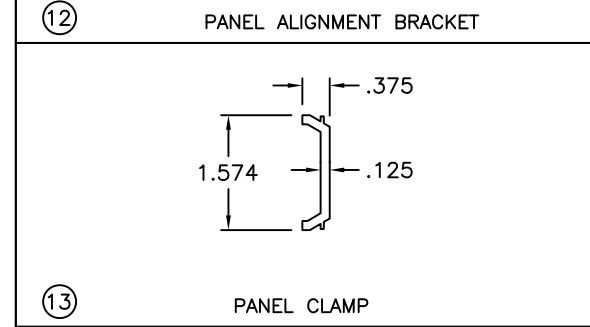
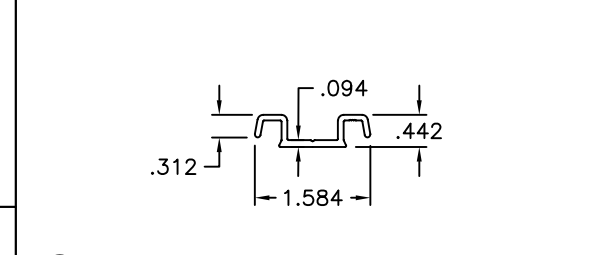
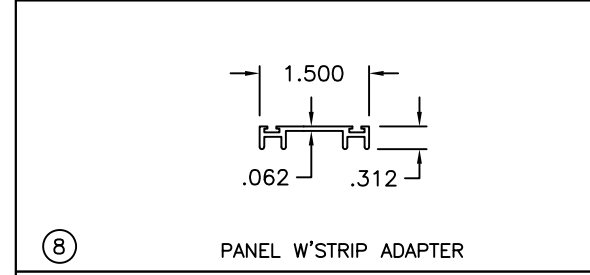
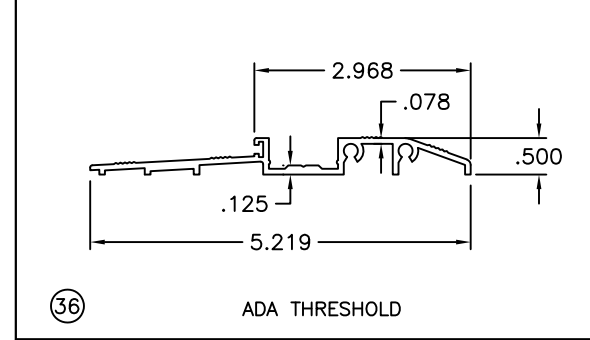
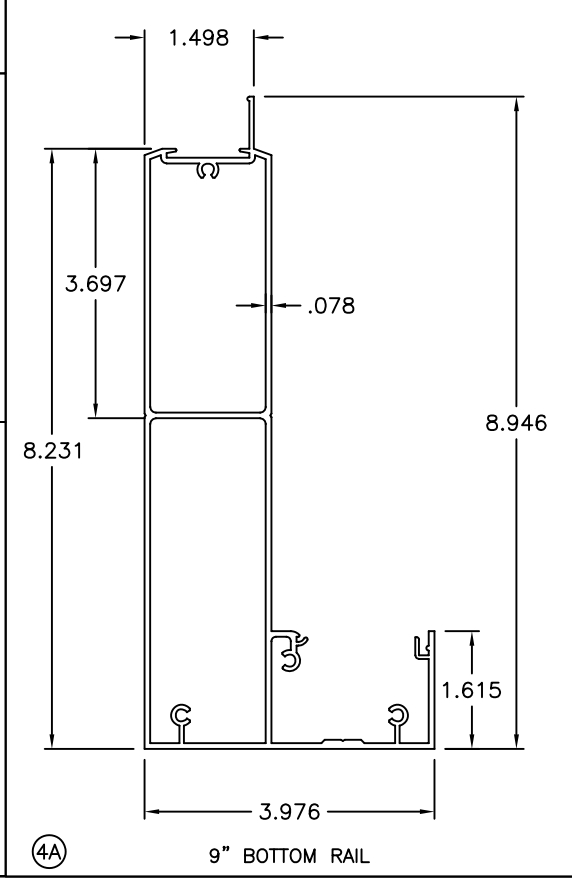
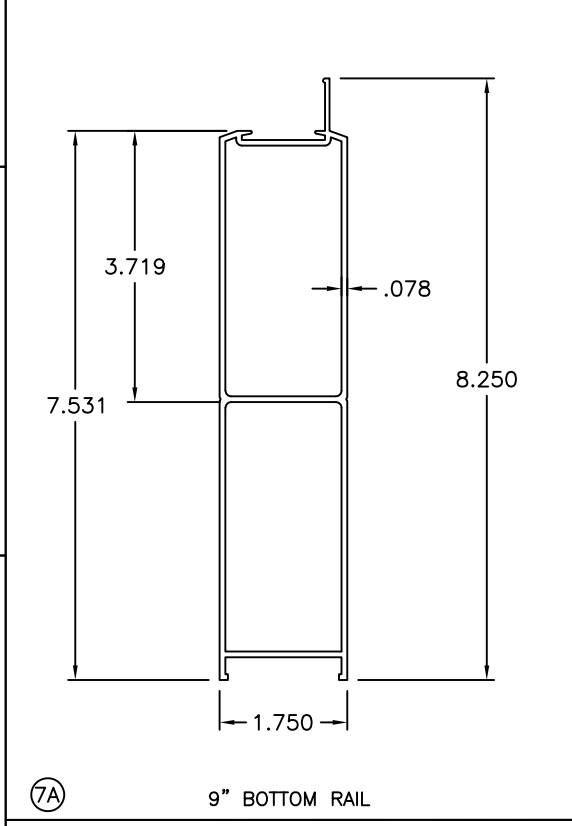
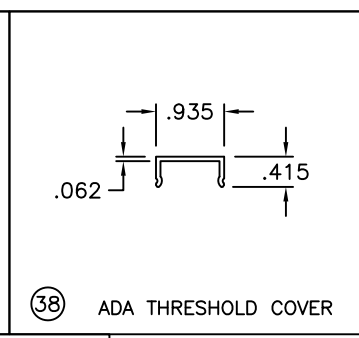
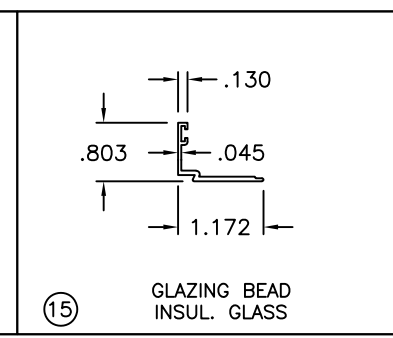
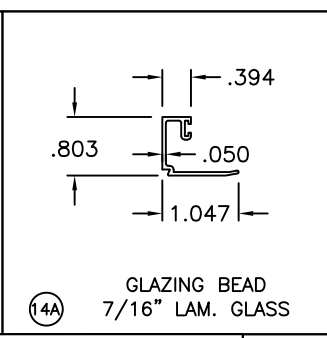
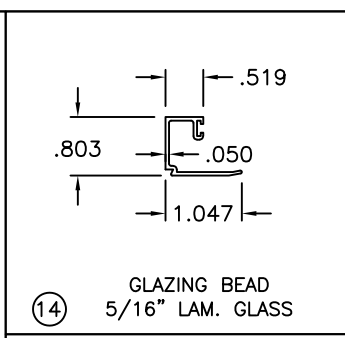
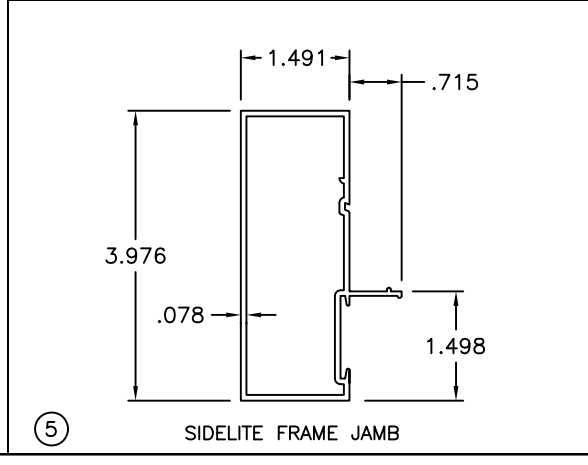
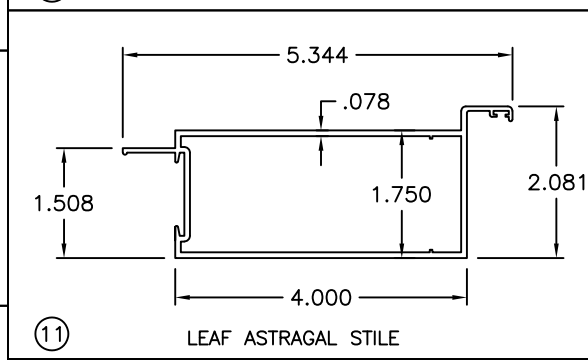
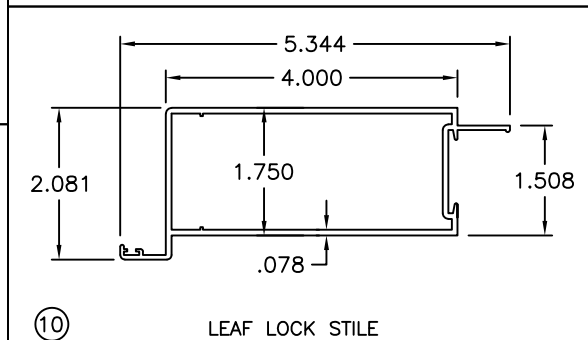
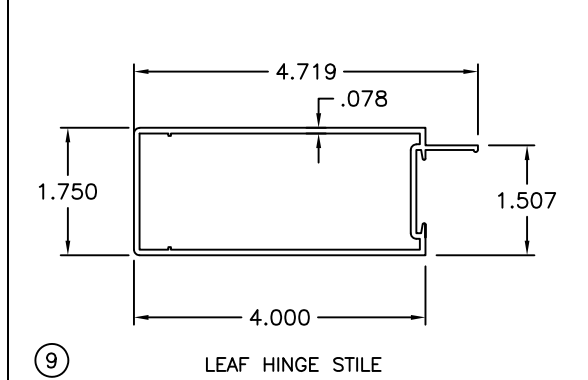
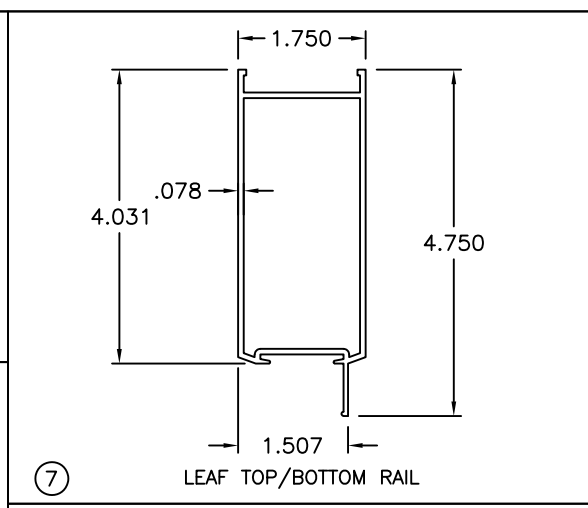
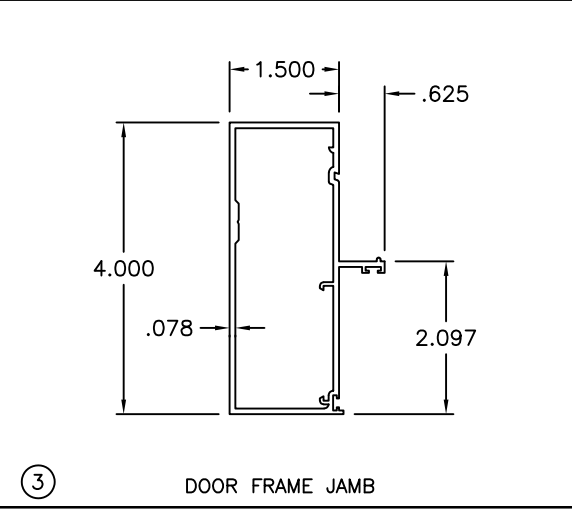
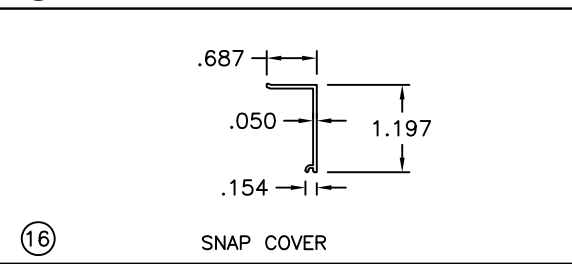
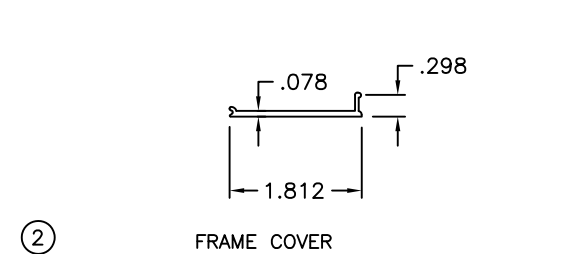
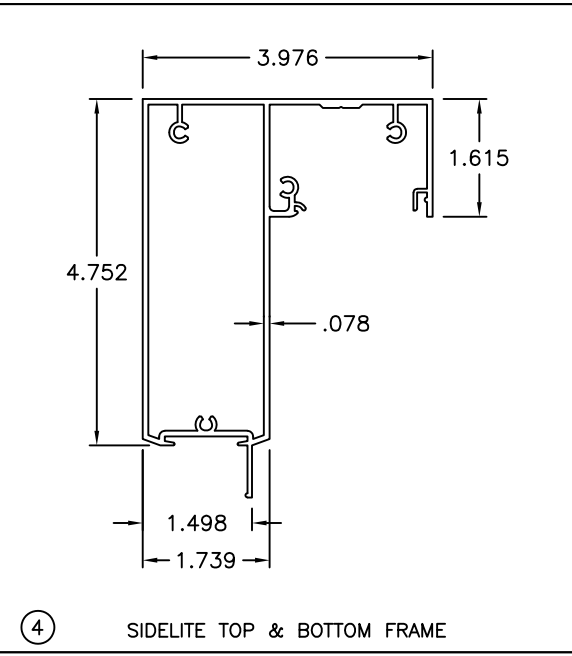
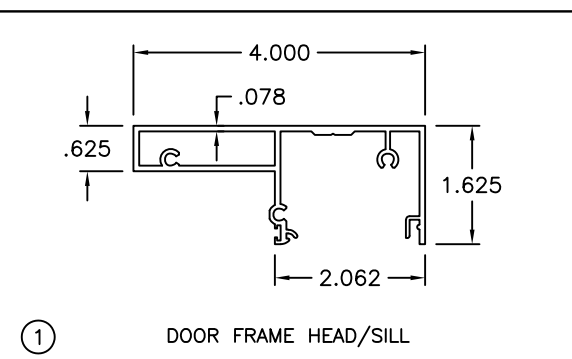
**HINGES:**

3-1/2" X 7-5/8" X .122" THK. EXTRUDED ALUM. HINGE  
 PART #FD-107 BY SULLIVAN & ASSOC.  
 3 HINGES PER LEAF  
 BOTTOM HINGE AT 10-1/4" FROM BOTTOM  
 TOP HINGE AT 11-3/4" FROM TOP  
 CENTER HINGE AT MIDSPAN (38" O.C. MAX.)  
 HINGES FASTENED WITH #10 X 1" FH SMS  
 (5) SCREWS AT HINGE STILE  
 (6) SCREWS AT FRAME JAMB

<b>Revision:</b>
ADDED ADA THRESHOLD, REVISED TABLE FORMAT, ADDED DP TABLE ROUNDING AND ANCHOR HEAD TYPE NOTES, REMOVED SILICONE AND BACKSTOP ON INSTALL DETAIL

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	Date	4/10/2022	
	Drawn	HONG C.	
ECO WINDOW SYSTEMS, LLC. 8602 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902 SERIES 600 ALUM. OUTSWING ENTRANCE DOOR (L.M.I.)	LOCK & HINGE DESCRIPTIONS	DWG No.	FD600FPA - LMI
		Sheet	10 OF 12
Series	SERIES 600	Rev.	A

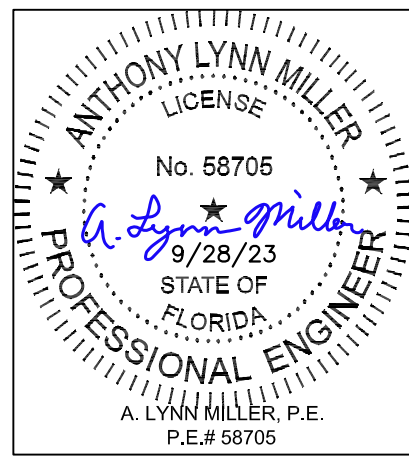


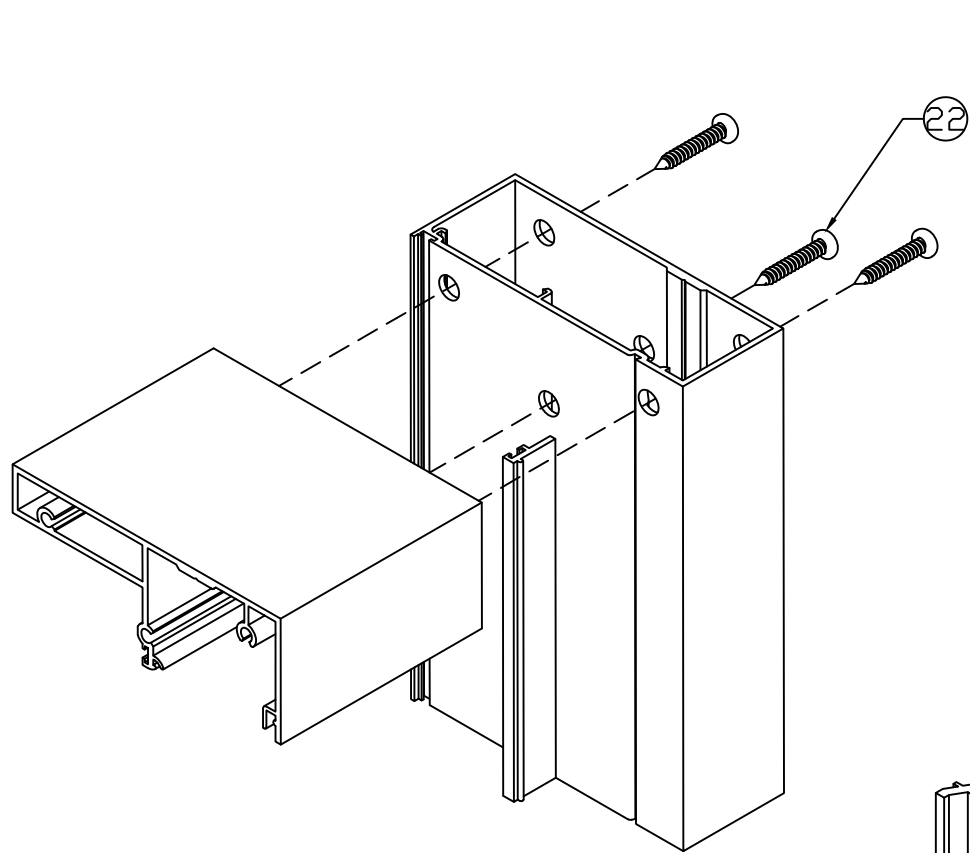


Revision:  
 ADDED ADA THRESHOLD, REVISED TABLE FORMAT, ADDED DP TABLE ROUNDING AND ANCHOR HEAD TYPE NOTES, REMOVED SILICONE AND BACKSTOP ON INSTALL DETAIL

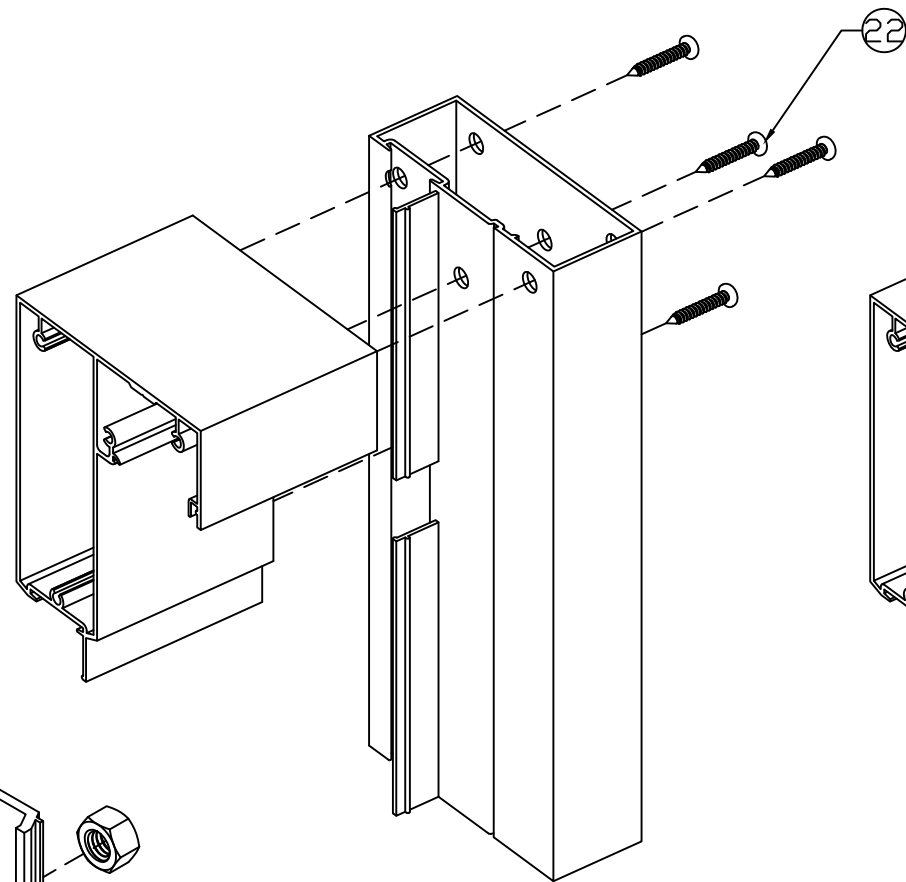
PREPARED BY A. LYNN MILLER  
 1070 TECHNOLOGY DRIVE  
 N. VENICE, FL 34275  
 (941) 480-1600  
 REGISTRATION #29296

ECO WINDOW SYSTEMS, LLC. 8602 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902	4/10/2022	HONG C.	FD600FPA - LMI	A
SERIES 600 ALUM. OUTSWING ENTRANCE DOOR (L.M.I.)	Date	Drawn	Rev.	
EXTRUSION PROFILES				
SERIES 600	11 OF 12	DWG No.		
		Sheet		

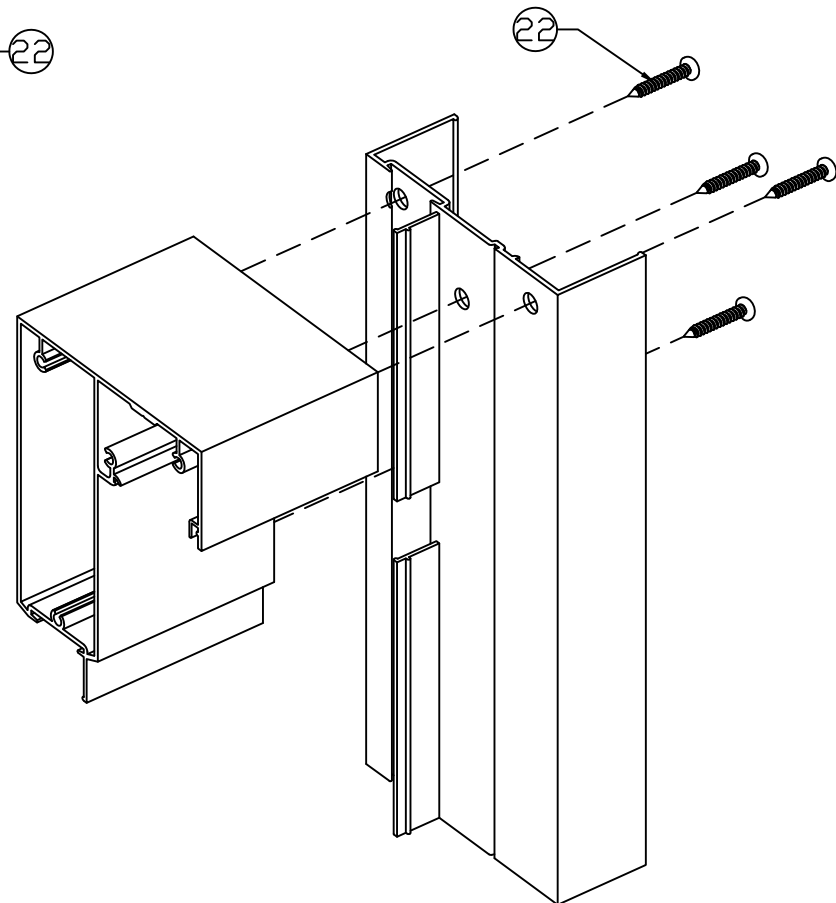




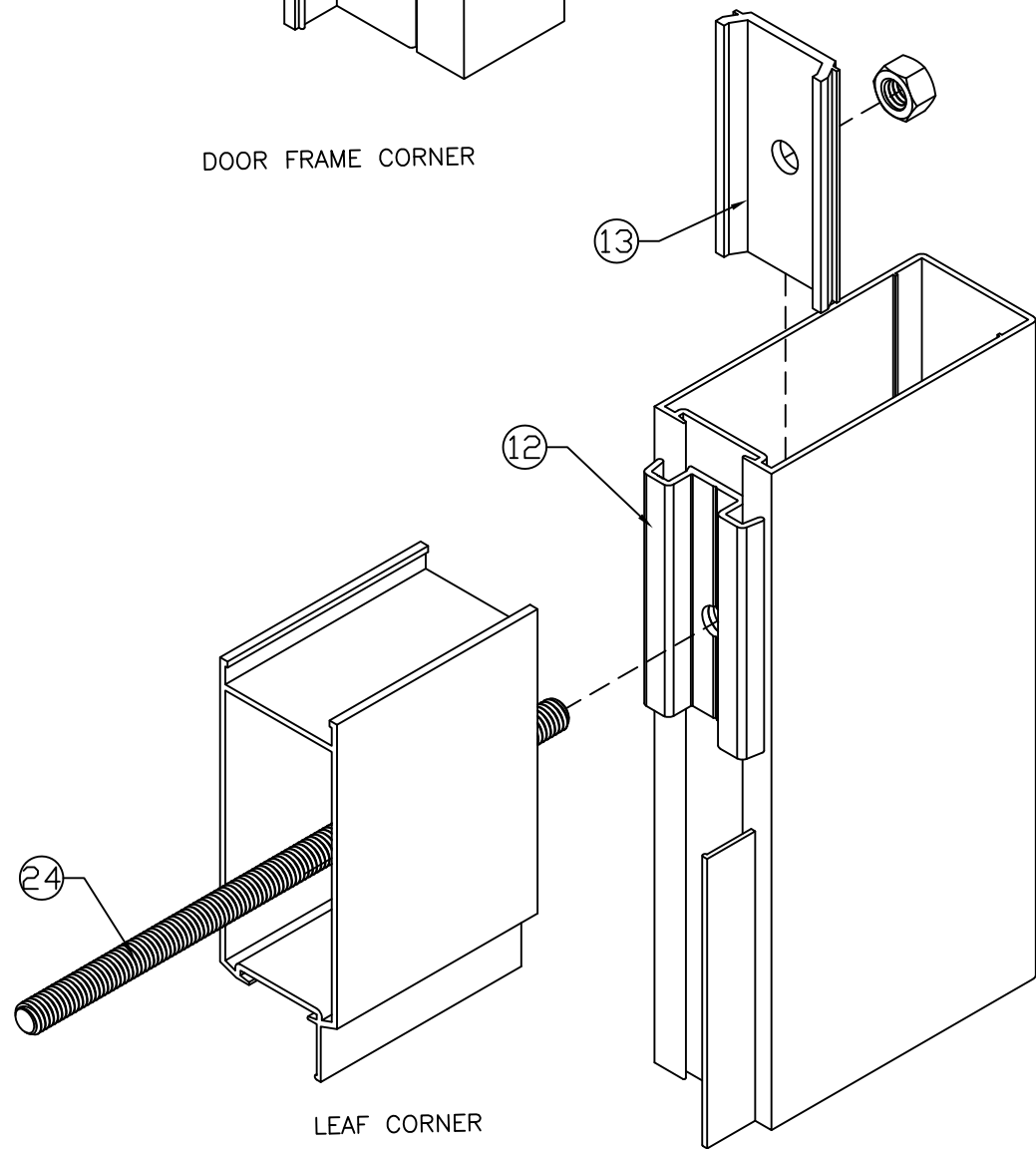
DOOR FRAME CORNER



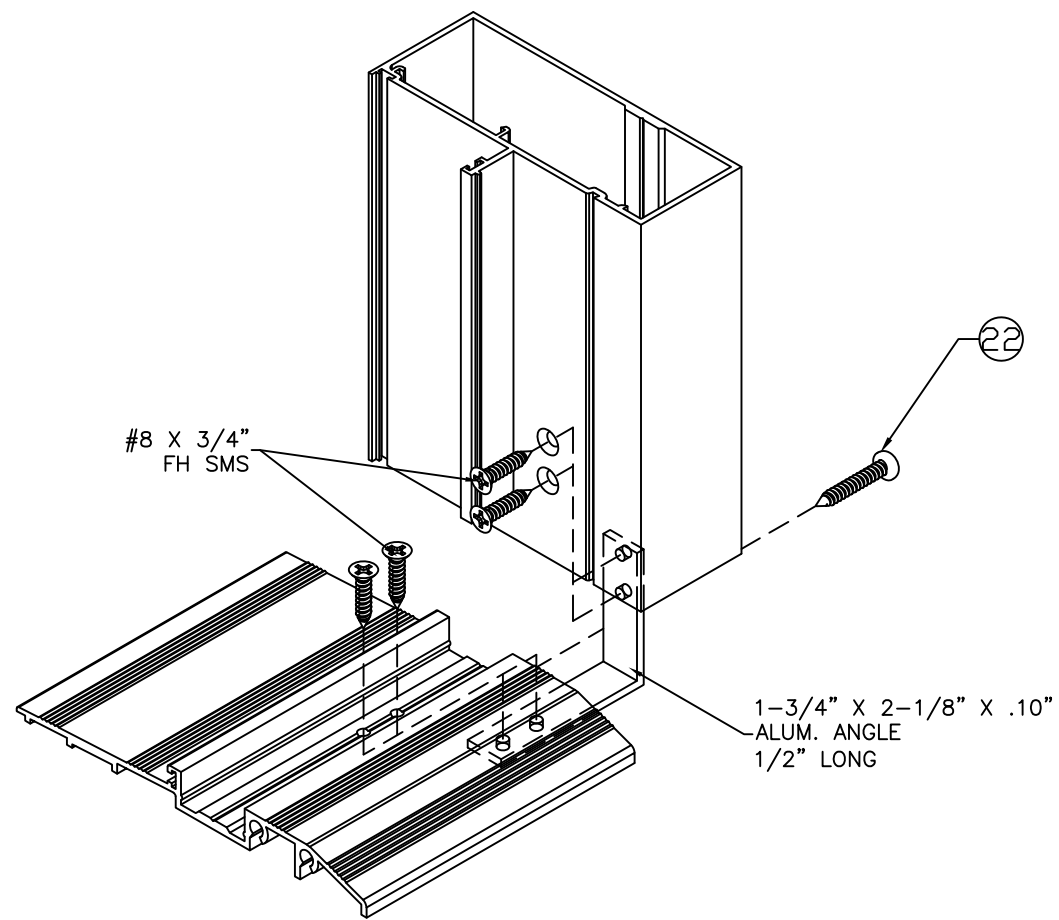
SIDELITE FRAME CORNER



SIDELITE MULLION SLIP ON JAMB CORNER



LEAF CORNER



#8 X 3/4"  
FH SMS

1-3/4" X 2-1/8" X .10"  
ALUM. ANGLE  
1/2" LONG

Revision:  
ADDED ADA  
THRESHOLD,  
REVISED TABLE  
FORMAT,  
ADDED DP  
TABLE  
ROUNDING AND  
ANCHOR HEAD  
TYPE NOTES,  
REMOVED  
SILICONE AND  
BACKSTOP ON  
INSTALL DETAIL

PREPARED BY A. LYNN MILLER  
1070 TECHNOLOGY DRIVE  
N. VENICE, FL 34275  
(941) 480-1600

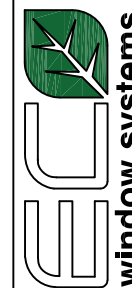
REGISTRATION #29296

Date 4/10/2022

Drawn HONG C.

Rev. A

FD600FPA - LMI



ECO WINDOW SYSTEMS, LLC.  
8602 N.W. 80th ST. MEDLEY, FL 33166  
TEL: (305) 885-5299 FAX: (305) 885-5902

Date 4/10/2022

Drawn HONG C.

Rev. A

FD600FPA - LMI

Sheet

12 OF 12

Series Desc. Title

ASSEMBLY CORNER DETAILS

Sheet

12 OF 12

Series Desc. Title

