



Product Approval
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

OFFICE OF THE
SECRETARY

FL #	FL25674-R7								
Application Type	Revision								
Code Version	2023								
Application Status	Approved								
Comments									
Archived	☐								
Product Manufacturer	Eco Window Systems								
Address/Phone/Email	8502 NW 80th Street Suite 103 Medley, FL 33166 (305) 885-5299 carlos.martinez@ecowindowsystems.com								
Authorized Signature	Carlos Martinez carlos.martinez@ecowindowsystems.com								
Technical Representative	Lynn Miller, P.E.								
Address/Phone/Email	1070 Technology Dr N Venice, FL 34275 (941) 486-0100 Ext 21142 lmiller@pgtindustries.com								
Quality Assurance Representative									
Address/Phone/Email									
Category	Exterior Doors								
Subcategory	Sliding Exterior Door Assemblies								
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer ☐ Evaluation Report - Hardcopy Received								
Florida Engineer or Architect Name who developed the Evaluation Report	A. Lynn Miller, P.E.								
Florida License	PE-58705								
Quality Assurance Entity	Keystone Certifications, Inc.								
Quality Assurance Contract Expiration Date	12/31/2032								
Validated By	Steven M. Urich, PE ☒ Validation Checklist - Hardcopy Received								
Certificate of Independence	FL25674_R7_COI_Cert of Independence.pdf								
Referenced Standard and Year (of Standard)	<table> <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	10/06/2023
Date Validated	10/13/2023
Date Pending FBC Approval	10/21/2023
Date Approved	12/13/2023
Date Revised	12/13/2024

Summary of Products

FL #	Model, Number or Name	Description
25674.1	Series 700 Aluminum Sliding Glass Door	Small Missile Impact resistant aluminum sliding glass door.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see the enclosed documents for product performance information, anchorage details, and anchor type, size, and spacing information.		Installation Instructions FL25674_R7_II_SGD700FPA - SMI REV A.pdf Verified By: A. Lynn Miller, P.E. PE-58705 Created by Independent Third Party: No Evaluation Reports FL25674_R7_AE_ECO_SGD700SMI ENG EVAL REV A.pdf Created by Independent Third Party: No
25674.2	Series 700 Aluminum Sliding Glass Door	Large Missile Impact resistant aluminum sliding glass door
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see the enclosed documents for product performance information, anchorage details, and anchor type, size, and spacing information.		Installation Instructions FL25674_R7_II_SGD700FPA - LMI REV A.pdf Verified By: A. Lynn Miller, P.E. PE-58705 Created by Independent Third Party: No Evaluation Reports FL25674_R7_AE_ECO_SGD700LMI ENG EVAL REV A.pdf Created by Independent Third Party: No
25674.3	Series 750 Aluminum Sliding Glass Door	Small Missile Impact resistant aluminum sliding glass door
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see the enclosed documents for product performance information, anchorage details, and anchor type, size, and spacing information.		Installation Instructions FL25674_R7_II_SGD750FPA-SMI REV A.pdf Verified By: A. Lynn Miller, P.E. PE-58705 Created by Independent Third Party: No Evaluation Reports FL25674_R7_AE_ECO_SGD750SMI ENG EVAL REV A.pdf Created by Independent Third Party: No
25674.4	Series 750 Aluminum Sliding Glass Door	Large Missile Impact resistant aluminum sliding glass door
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see the enclosed documents for product performance information, anchorage details, and anchor type, size, and spacing information.		Installation Instructions FL25674_R7_II_SGD750FPA-LMI REV A.pdf Verified By: Jalal Farooq PE # 81223 Created by Independent Third Party: No Evaluation Reports FL25674_R7_AE_ECO_SGD750LMI ENG EVAL REV A.pdf Created by Independent Third Party: No
25674.5	Series 755 Aluminum Sliding Glass Door	Small Missile Impact resistant aluminum sliding glass door.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see the enclosed documents for product performance information, anchorage details, and anchor type, size, and spacing information.		Installation Instructions FL25674_R7_II_SGD755FPA - SMI REV A.pdf Verified By: A. Lynn Miller, P.E. PE-58705 Created by Independent Third Party: No Evaluation Reports FL25674_R7_AE_ECO_SGD755SMI ENG EVAL REV A.pdf Created by Independent Third Party: No
25674.6	Series 755 Aluminum Sliding Glass Door	Large Missile Impact resistant aluminum sliding glass door.

Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see the enclosed documents for product performance information, anchorage details, and anchor type, size, and spacing information.		Installation Instructions FL25674_R7_II_SGD755FPA - LMI REV A.pdf Verified By: A. Lynn Miller, P.E. PE-58705 Created by Independent Third Party: No Evaluation Reports FL25674_R7_AE_ECO_SGD755LMI ENG EVAL REV A.pdf Created by Independent Third Party: No
25674.7	Series 760 Aluminum Sliding Glass Door	Large Missile Impact resistant, aluminum sliding glass door.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see the enclosed documents for product performance information, anchorage details, and anchor type, size, and spacing information.		Installation Instructions FL25674_R7_II_SGD760-FPA - REV A.pdf Verified By: A. Lynn Miller, P.E. PE-58705 Created by Independent Third Party: No Evaluation Reports FL25674_R7_AE_SGD760 - Eng Eval - REV A2.pdf Created by Independent Third Party: No
25674.8	Series 900 Aluminum Bifold Door	Large Missile Impact resistant, aluminum bifold door.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see the enclosed documents for product performance information, anchorage details, and anchor type, size, and spacing information.		Installation Instructions FL25674_R7_II_BF900FPA - LMI REV A.pdf Verified By: A. Lynn Miller, P.E. PE-58705 Created by Independent Third Party: No Evaluation Reports FL25674_R7_AE_ECO_BF900LMI ENG EVAL REV A.pdf Created by Independent Third Party: No

[Back](#)
[Next](#)

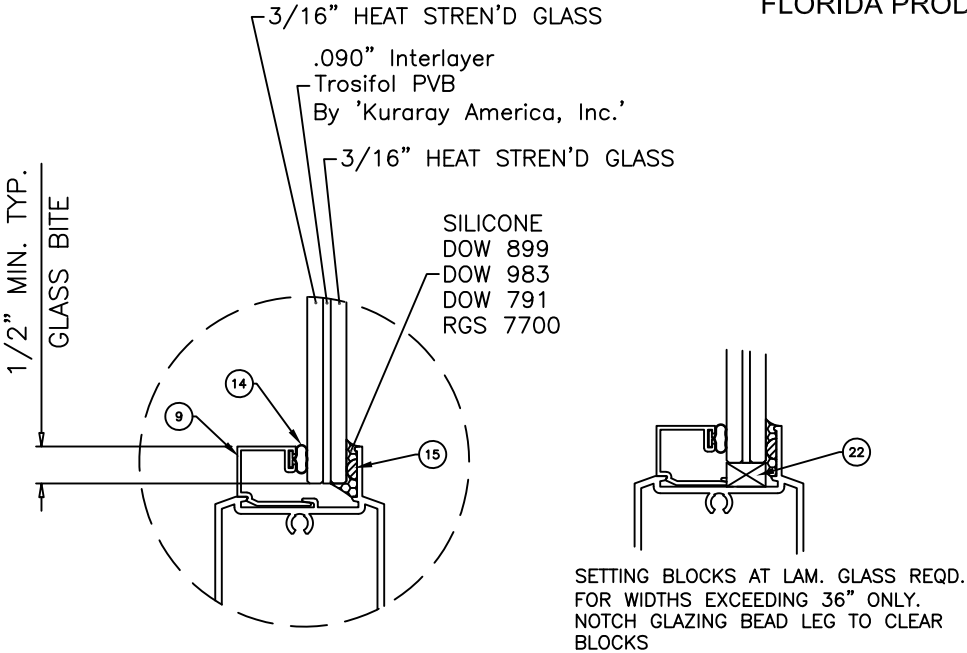
[Contact Us](#) :: [2601 Blair Stone Road, Tallahassee FL 32399](#) Phone: 850-487-1824

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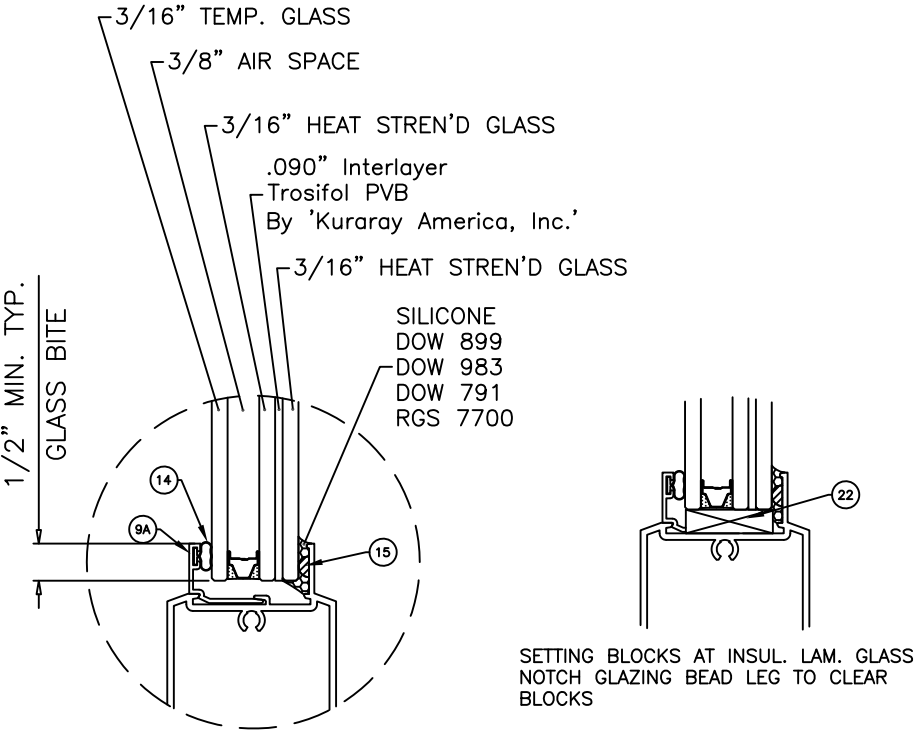
Under Florida law, email addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395. *Pursuant to Section 455.275(1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The emails provided may be used for official communication with the licensee. However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public. To determine if you are a licensee under Chapter 455, F.S., please click [here](#).

Product Approval Accepts:





GLASS TYPE 'A'
7/16" NOM. LAMI. GLASS



GLASS TYPE 'Ai'
1" NOM. INSUL. LAM. GLASS

GLAZING OPTIONS

SERIES 900
ALUMINUM OUTFOLDING BI-FOLD DOOR

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

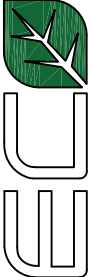
DESIGN LOAD SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

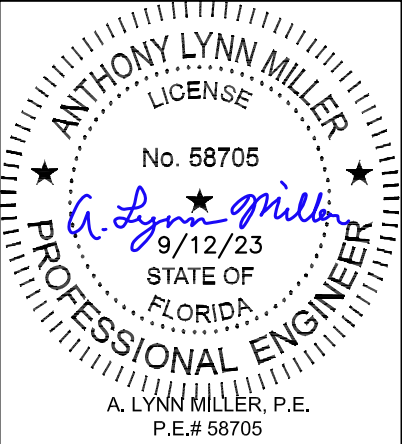
DOORS WITH STANDARD BOTTOM TRACK (E902) APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.
DOORS WITH LOW PROFILE BOTTOM TRACK (E903) NOT APPROVED FOR WATER RESISTANCE.
DOORS ARE APPROVED FOR INSTALLATION IN WINDOW APPLICATIONS AND WILL SUPPORT FULL DESIGN PRESSURES IF PROPERLY INSTALLED.

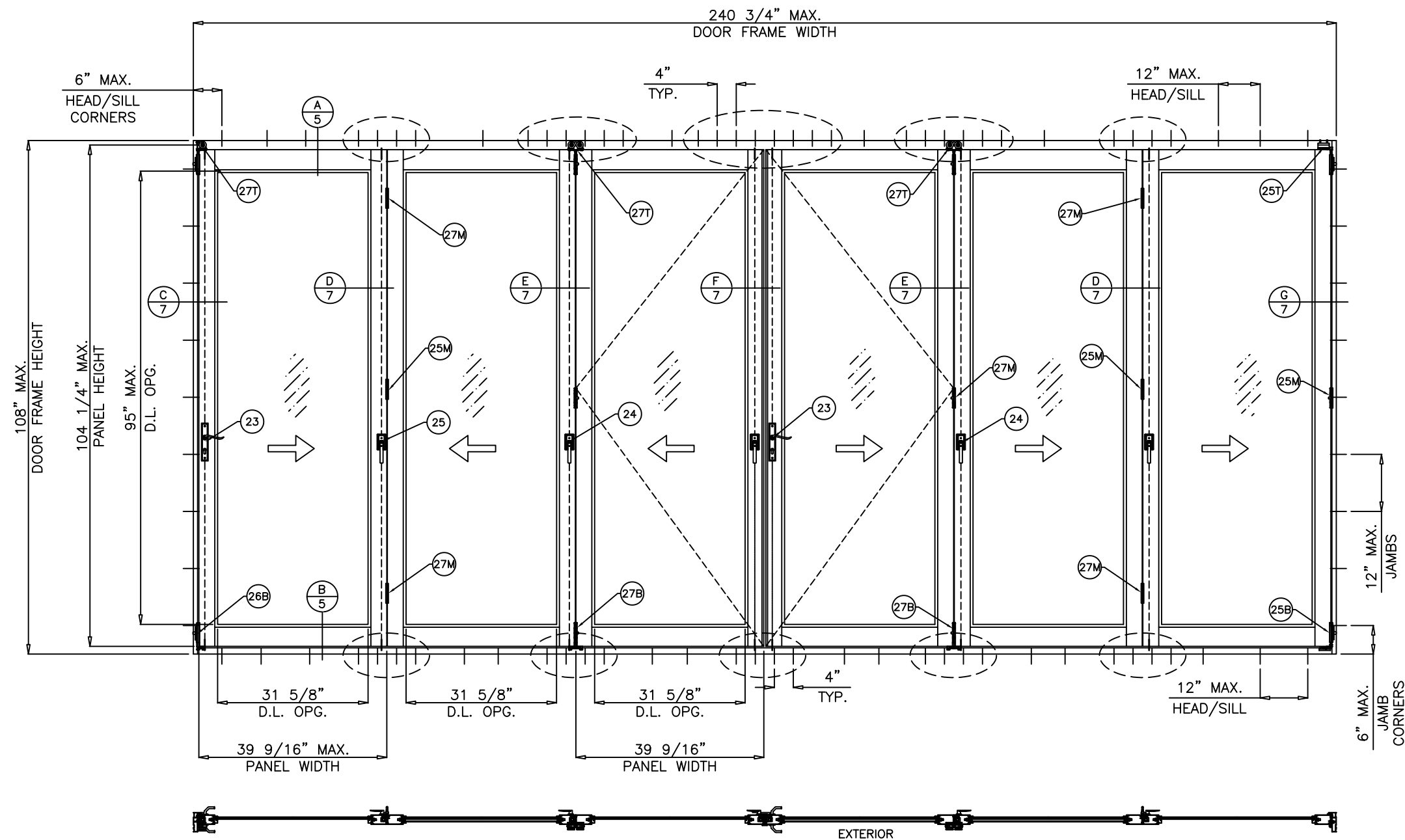
THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

NOTE:
VERIFY COMPLIANCE WITH EGRESS LIMITATIONS WHERE REQUIRED.

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

 ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600					
		REGISTRATION #29296					
Title		SERIES 900 ALUM. OUTFOLDING BI-FOLD DOOR (L.M.I.)		Date		10/4/2022	
Series Desc.		GENERAL INFORMATION & GLASS DETAILS				HONG C.	
		Sheet		1 OF 11		DWG No.	
		SERIES 900		BF900FPA - LMI		Rev.	
						A	





TYPICAL ELEVATION (6 PANELS TESTED CONFIGURATION)
BI-FOLD DOOR WITH OUT-SWING LEAFS

SIX PANEL DOOR CONFIGURATION WITH FOLDING AND SWING PANELS SHOWN.
DOOR MAY HAVE 9 OR 10 PANELS AS SHOWN ON CHARTS ON SHEET 8
USING THE STILE CONFIGURATIONS SHOWN HEREIN.

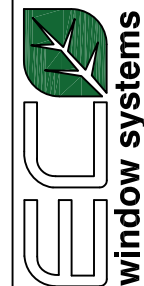
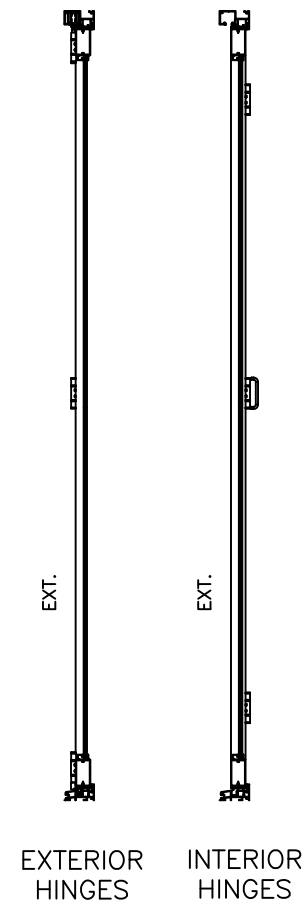
PANEL SIZE:
NOM. PANEL WIDTH = (DOOR FRAME WIDTH - 3.375")/6
PANEL HEIGHT = DOOR FRAME HEIGHT - 3.750"

DAYLIGHT OPENINGS:
D.L.O. WIDTH = NOM. PANEL WIDTH - 7.875"
D.L.O. HEIGHT = PANEL HEIGHT - 9.250"

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

WITH STD. BOTTOM TRACK

MAXIMUM DESIGN LOAD RATING = + 60.0 PSF
(FOR LEAF SIZE SHOWN OR SMALLER)
AS PERMITTED BY FBC REQUIREMENTS



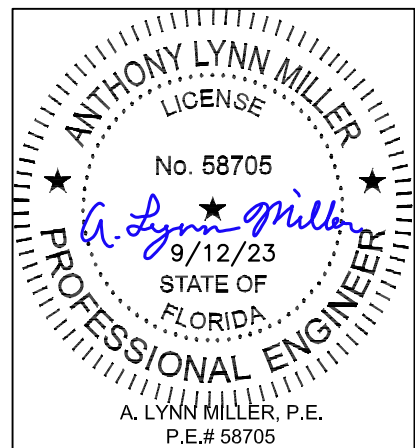
ECO WINDOW SYSTEMS, LLC.
8602 N.W. 80th ST. MEDLEY, FL 33166
TEL. (305) 885-5299 FAX. (305) 885-5902

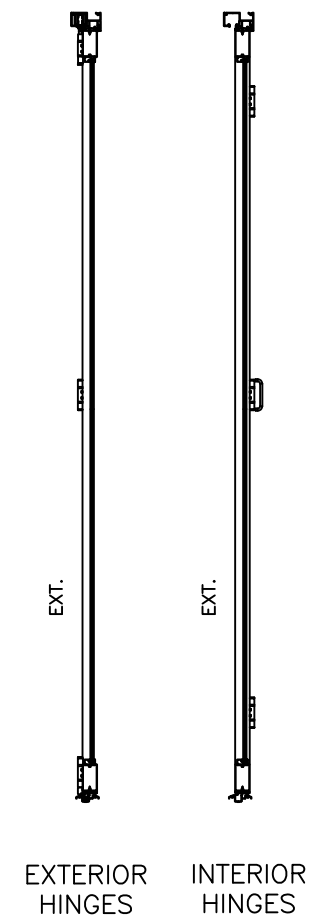
PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

REGISTRATION #29296

Series	Desc.	Title	Date	Rev.
SERIES 900	ELEVATION & DP W/ STD. BOTTOM TRACK	HONG C.	10/4/2022	A
2 OF 11	Sheet	DWG	BF900FPA - LMI	

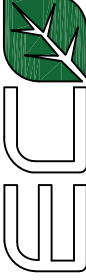
Revision:
REVISED TABLE
FORMAT.
ADDED DP
TABLE
ROUNDING,
WINDOW
INSTALL AND
ANCHOR HEAD
TYPE NOTES,
REMOVED
SILICONE AND
BACKSTOP ON
INSTALL DETAIL





WITH LOW PROFILE BOTTOM TRACK—
 MAXIMUM DESIGN LOAD RATING = + 60.0 PSF
 (FOR LEAF SIZE SHOWN OR SMALLER) — 60.0 PSF
 AS PERMITTED BY FBC REQUIREMENTS

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

 eco window systems	ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600				
			REGISTRATION #29296				
Series	SERIES 900	Sheet	3 OF 11	DWG No.	BF900FPA - LMI	Rev.	A
Desc.	ELEVATION & DP WITH LOW PROFILE TRACK			By	HONG C.	Date	10/4/2022
Title	SERIES 900 ALUM. OUTFOLDING BI-FOLD DOOR (L.M.I.)						

Revision:	REVISED TABLE FORMAT, ADDED DP TABLE ROUNDING, WINDOW INSTALL AND ANCHOR HEAD TYPE NOTES, REMOVED SILICONE AND BACKSTOP ON INSTALL DETAIL
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APPROVED CONFIGURATION
TWO (2) PANELS



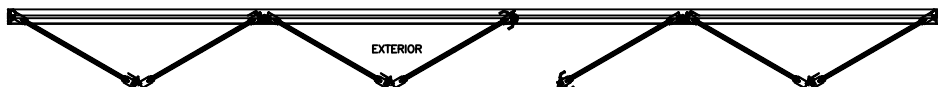
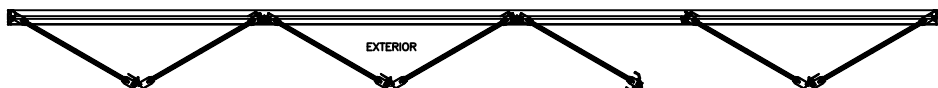
APPROVED CONFIGURATION
FOUR (4) PANELS



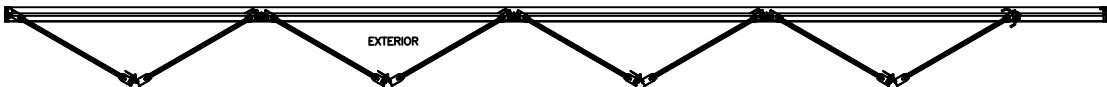
APPROVED CONFIGURATION
FIVE (5) PANELS



APPROVED CONFIGURATIONS
SIX (6) PANELS



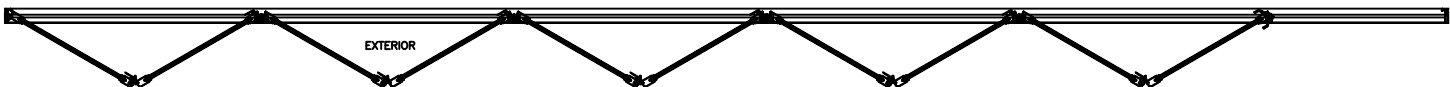
APPROVED CONFIGURATIONS
SEVEN (7) PANELS



APPROVED CONFIGURATIONS
EIGHT (8) PANELS



APPROVED CONFIGURATIONS
NINE (9) PANELS

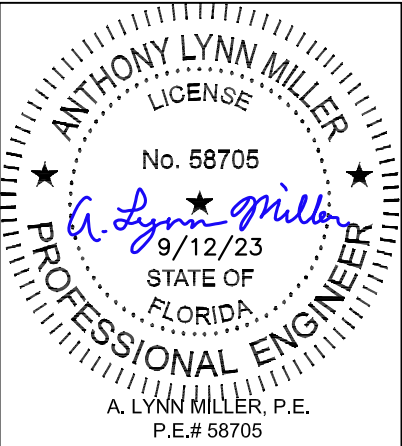


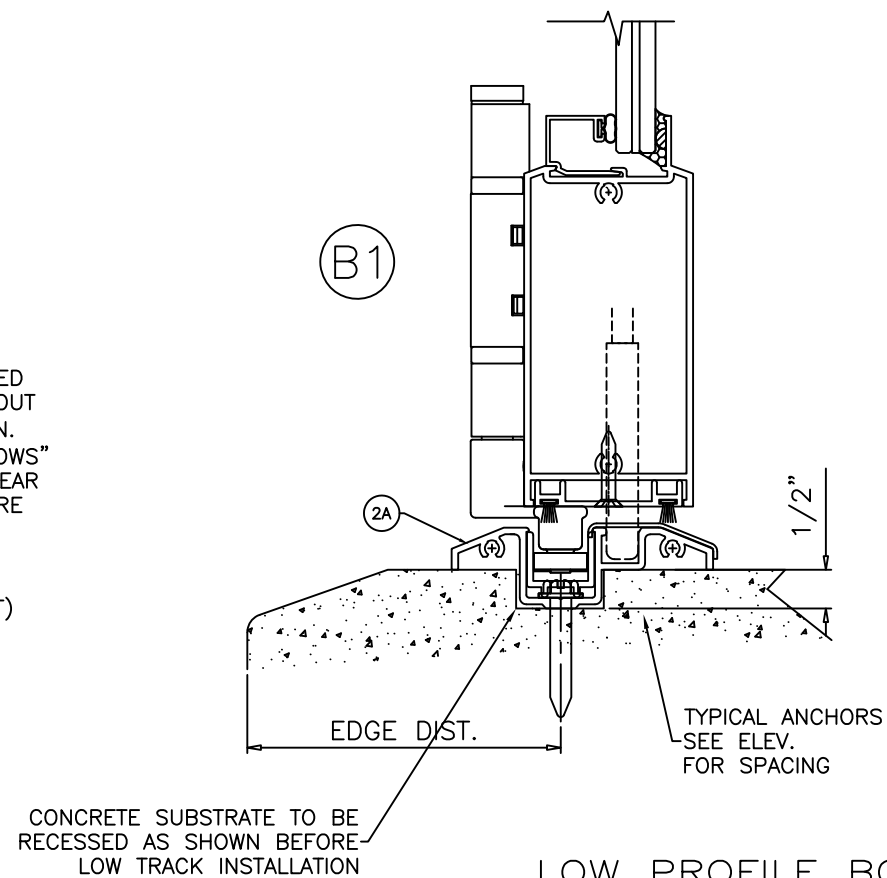
APPROVED CONFIGURATIONS
TEN (10) PANELS

MAXIMUM FRAME AREA:
FRAME WIDTH X FRAME HEIGHT = 270 SQ. FT.
ADJUSTED BY REDUCING PANEL WIDTH OR HEIGHT IF REQUIRED.

Revision:
REVISED TABLE
FORMAT
ADDED DP
TABLE
ROUNDING,
WINDOW
INSTALL 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		10/4/2022		A	
ECO WINDOW SYSTEMS, LLC. 8602 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902		HONG C.		BF900FPA - LMI		Re.	
SERIES 900 ALUM. OUTFOLDING BLFOLD DOOR (L.M.I.)		Dwn		No.		DWG	
APPROVED CONFIGURATIONS		4 OF 11		Sheet		SERIES 900	
Title		Desc.		Series		No.	



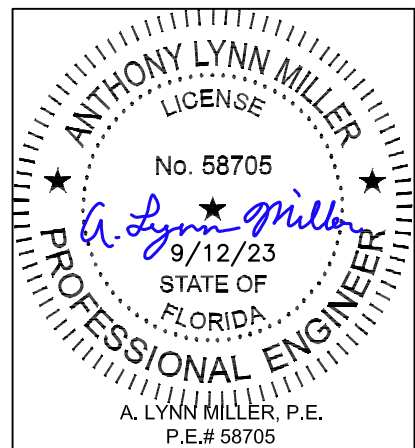


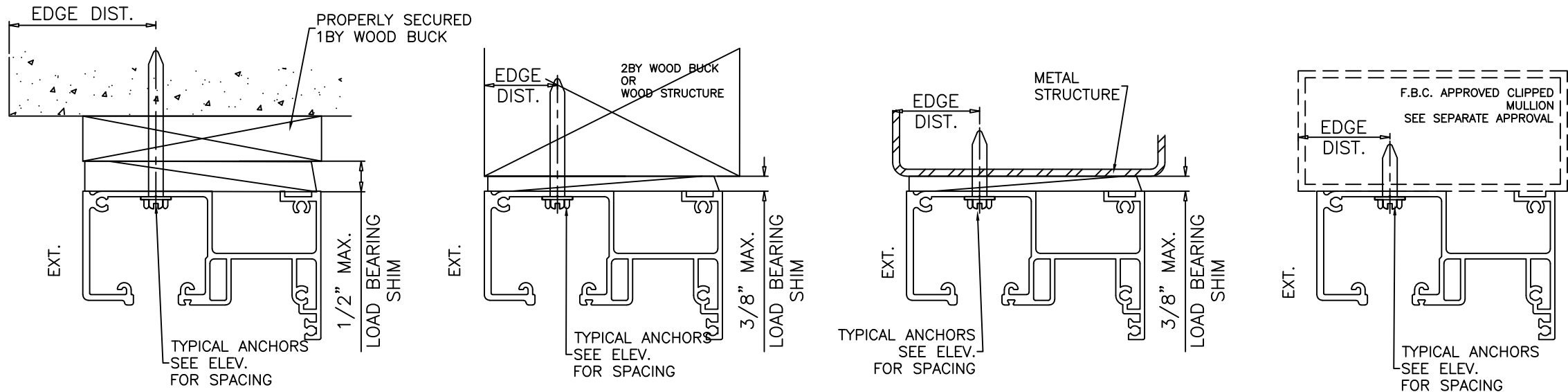
W3 = (6) 3/16" DIA. WHEEL HOLES
AT 21", 21-1/2" & 22" FROM CENTER OF
THRESHOLD IN EACH DIRECTION

LOW PROFILE BOTTOM TRACK
NOT APPROVED FOR WATER RESISTANCE

Revision:	REVISED TABLE FORMAT, ADDED DP TABLE ROUNDING, WINDOW INSTALL AND ANCHOR HEAD TYPE NOTES, REMOVED SILICONE AND BACKSTOP ON INSTALL DETAIL
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 eco window systems	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		10/4/2022
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80TH ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX: (305) 885-5902		SERIES 900 ALUM. UNFOLDING BI-FOLD DOOR (L.M.I.)		Date	
DOOR VERTICAL SECTION DETAILS & TRACK OPTIONS		BY DRAWN		HONG C.	
Series	900	Sheet	5 OF 11	DWG No.	BF900FPA - LMI
				Rev.	A





TYPICAL ANCHORS: SEE ELEV. FOR SPACING

Anchor Group	Anchor Type	Frame Member	Substrate	Min. Edge Distance	Min. Embedment or Metal Thickness
A	1/4" DeWalt UltraCon+	All	Concrete (min. 3 ksi)	2-1/2"	2"
		Jambs	Filled Block (ASTM C90, min. 2 ksi)	2-1/2"	2"
A1	1/4" DeWalt UltraCon+	Head/Jambs	Thru 1BY or 2BY Buck into Concrete (min. 3 ksi)	2-1/2"	1-3/4"
		Jambs	Thru 1BY or 2BY Buck into Filled Block (ASTM C90, min. 2 ksi)	2-1/2"	1-3/4"
B	#14 SMS or Self Drilling Screws (Gr.2)	Head/Jambs	Southern Pine (SG = 0.55)	1"	2'
C	1/4" Hilti Kwik-Flex Self Drilling Screws	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

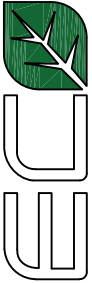
1BY OR 2BY WOOD BUCKS AND METAL STRUCTURE NOT BY 'ECO WDW.' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

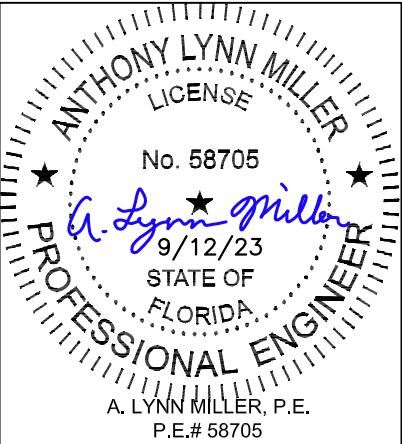
1. STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED
2. ALL ANCHOR HEAD TYPES ARE ACCEPTABLE

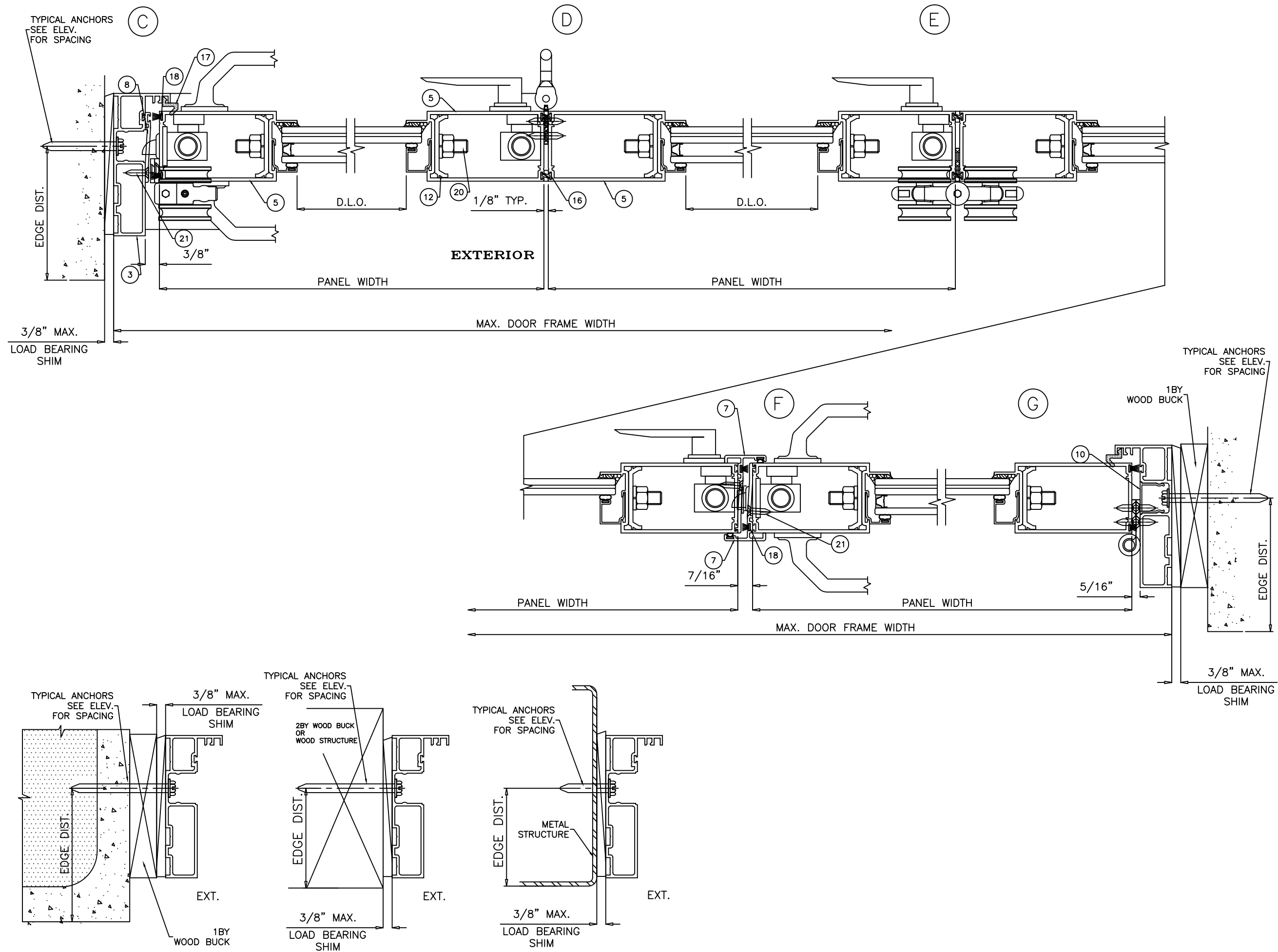
Head Anchors Load Capacity - PSF												
Maximum Panel Width (in.)	Maximum Number of Panels Allowed	Anchor Group	Maximum Panel Height (in.)									
			84"		90"		96"		102"		108"	
			4 Anchors at Mtg. Stile Ends	6 Anchors at Mtg. Stile Ends	4 Anchors at Mtg. Stile Ends	6 Anchors at Mtg. Stile Ends	4 Anchors at Mtg. Stile Ends	6 Anchors at Mtg. Stile Ends	4 Anchors at Mtg. Stile Ends	6 Anchors at Mtg. Stile Ends	4 Anchors at Mtg. Stile Ends	6 Anchors at Mtg. Stile Ends
24"	10	A	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60
		A1	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60
		B	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60
		C	+/-60	-	+/-60	-	+/-60	-	+/-60	-	+/-60	-
28"	10	A	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60
		A1	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60
		B	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-58	+/-60	+/-54.8	+/-60
		C	+/-60	-	+/-60	-	+/-60	-	+/-60	-	+/-60	-
32"	10	A	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-59.4	+/-60
		A1	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-59	+/-60	+/-55.5	+/-60
		B	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-50.7	+/-60	+/-47.9	+/-60
		C	+/-60	-	+/-60	-	+/-60	-	+/-60	-	+/-60	-
36"	10	A	+/-60	+/-60	+/-60	+/-60	+/-59.4	+/-60	+/-55.9	+/-60	+/-52.8	+/-60
		A1	+/-60	+/-60	+/-59.5	+/-60	+/-55.5	+/-60	+/-52	+/-60	+/-48.9	+/-60
		B	+/-54.8	+/-60	+/-51.1	+/-60	+/-47.9	+/-60	+/-45.1	+/-60	+/-42.6	+/-59.6
		C	+/-60	-	+/-60	-	+/-60	-	+/-60	-	+/-60	-
40"	9	A	+/-60	+/-60	+/-57	+/-60	+/-53.5	+/-60	+/-50.3	+/-60	+/-47.5	+/-60
		A1	+/-57.2	+/-60	+/-53.1	+/-60	+/-49.5	+/-60	+/-46.4	+/-60	+/-43.5	+/-60
		B	+/-49.3	+/-60	+/-46	+/-60	+/-43.1	+/-60	+/-40.6	+/-56.8	+/-38.3	+/-53.7
		C	+/-60	-	+/-60	-	+/-60	-	+/-60	-	+/-60	-

NOTE:
FOR DOOR CAPACITY SEE SHEET 2 & 3
FOR ANCHOR CAPACITY SEE THIS CHART
LOWER VALUES FROM DOOR CAPACITY OR ANCHOR CAPACITY CHART WILL APLY TO ENTIRE SYSTEM.
FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.

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

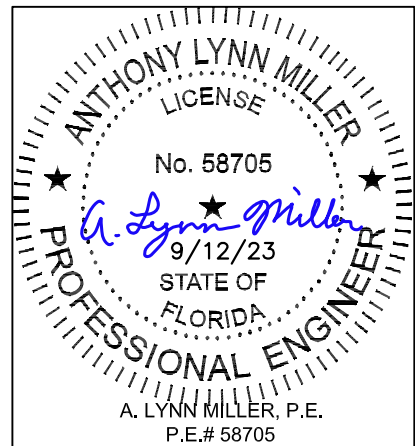
 ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600					
		REGISTRATION #29296					
Title	SERIES 900 ALUM. OUTFOLDING BI-FOLD DOOR (L.M.I.)		Date	10/4/2022			
	ANCHOR SPECIFICATION AND CAPACITIES		Drawn By	HONG C.			
Series	SERIES 900	Sheet	6 OF 11	DWG No.	BF900FPA - LMI	Rev.	A





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

 windom systems ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		
		REGISTRATION #29296		
Title	SERIES 900 ALUM. OUTFOLDING BI-FOLD DOOR (L.M.I.)		Date	10/4/2022
Series	Desc.	HORIZONTAL CROSS SECTION DETAILS		
		Drawn By	HONG C.	
	SERIES 900	Sheet	7 OF 11	DWG No.
				BF900FPA - LMI
				Rev.
				A



ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	E901	1	TOP TRACK	6063 – T6	–
2	E902	1	STD. BOTTOM TRACK	6063 – T6	–
2A	E903	1	LOW PROFILE BOTTOM TRACK	6063 – T6	–
3	E904	2	FRAME JAMB	6063 – T6	–
4	E907	2/ PANEL	PANEL TOP/BOTTOM RAIL	6063 – T6	–
5	E908	2/ PANEL	PANEL STILE	6063 – T6	–
6	E909	AS REQD.	PANEL ALIGNMENT CLIP	6063 – T6	–
7	E910	AS REQD.	ASTRAGAL ADAPTER	6063 – T6	–
8	E911	AS REQD.	JAMB ADAPTER	6063 – T6	–
9	E913	AS REQD.	GLASS STOP (LAM. GLASS)	6063 – T6	–
9A	E912	AS REQD.	GLASS STOP (INSUL. LAM. GLASS.)	6063 – T6	–
10	E905	AS REQD.	POCKET COVER	6063 – T6	–
11	E915	AS REQD.	PANEL W'STRIP ADAPTER	6063 – T6	–
11A	#10 X 3/4"	2/ PANEL	W'STRIP ADAPTER FASTENER	ST. STEEL	AT 6" FROM EACH END
12	E613	AS REQD.	PANEL CLAMP WITH WASHER & NUT	6063 – T6	–
13	E906	AS REQD.	BOTTOM TRACK LINER	POLYPROPYLENE	DUROMETER 62 SHORE D
14	E206	AS REQD.	GLAZING BEAD BULD	SNATOPRENE	ULTRAFAB
15	–	AS REQD.	GLASS SPACER	SILICONE	FRANK LOWE RUBBER CO.
16	E914	AS REQD.	BULB W'STRIPPING	SOFT PVC	CENTRAL PLASTICS, DUROMETER 67±SHORE A
17	QW521	AS REQD.	COMPRESSION W'STRIPPING	Q–LON	–
18	W11323	AS REQD.	PILE W'STRIPPING	WOOL	ULTRAFAB
19	#10 X 2"	AS REQD.	FRAME ASSEMBLY FASTENERS	ST. STEEL	PH SMS
20	–	2/ PANEL	3/8" DIA. THREADED ROD	STEEL	–
21	#10 X 3/4"	AS REQD.	ADAPTER FASTENER	ST. STEEL	AT 6" FROM ENDS & 24" O.C.
22	–	2/ LITE	SETTING BLOCKS	EPDM	DUROMETER 85±5 SHORE A
23	–	AS REQD.	FOUR POINT LOCK	–	INTERLOCK, USA
24	–	AS REQD.	TWO POINT LOCK	–	INTERLOCK, USA
25T, 25B, 25M	–	AS REQD.	PIVOT SET, SURFACE MOUNT	ST. STEEL	HENDERSON
26T, 26B	–	AS REQD.	END HANGER SET, SURFACE MOUNT	ST. STEEL	HENDERSON
27T, 27B, 27M	–	AS REQD.	INTERMEDIATE HANGER SET, SURFACE MOUNT	ST. STEEL	HENDERSON

SEALANT:

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

LOCKS:

ACTIVE LEAF:

4 POINT LOCK ASSEMBLY BY 'INTERLOCK USA INC.' WITH LEVER TYPE HANDLE AT 42" FROM BOTTOM KEY OPERATOR ON EXTERIOR AND THUMB TURN ON INTERIOR (2) LOCKING POINTS ENGAGING AT INACTIVE LEAD 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" CONCEALED VERTICAL RODS FASTENED TO ACTIVE LEAF LOCK STILE WITH (2) 10–24 X 1–7/8" FH MACHINE SCREWS

INACTIVE LEAF:

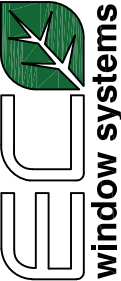
2 POINT LOCK ASSEMBLY BY 'INTERLOCK USA INC.' WITH LEVER TYPE HANDLE AT 42" FROM BOTTOM 1/2" DIA. THROW BOLTS AT TOP AND BOTTOM ENGAGING FRAME HEAD AND FRAME SILL THROW BOLTS ATTACHED TO LOCK BY 3/8" CONCEALED VERTICAL RODS FASTENED TO STILES WITH (2) 8–32 X 1–1/8" FH MACHINE SCREWS

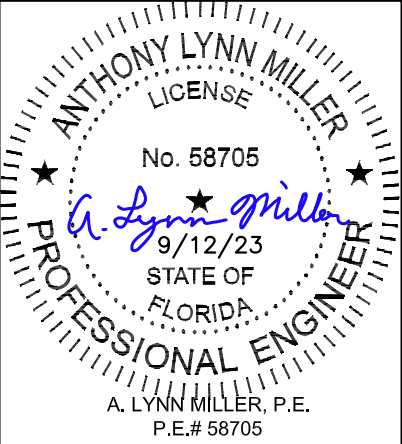
STRIKE PLATE FOR 4 POINT LOCK:

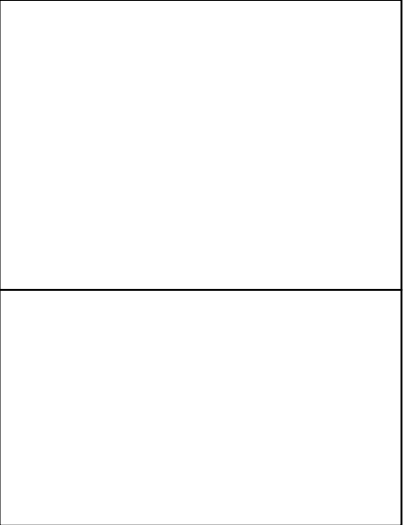
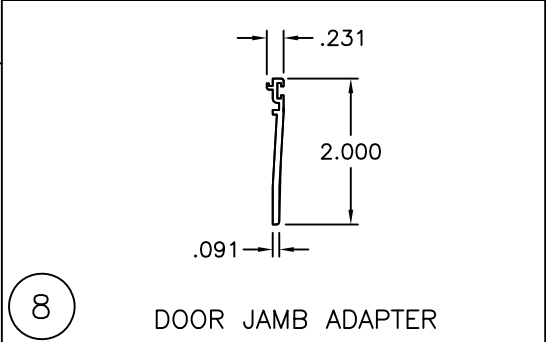
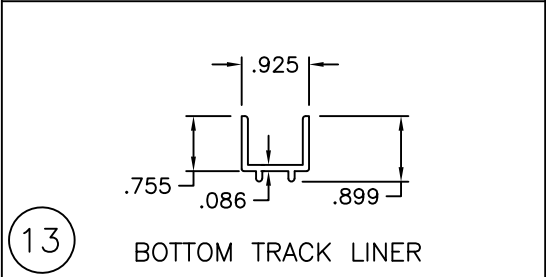
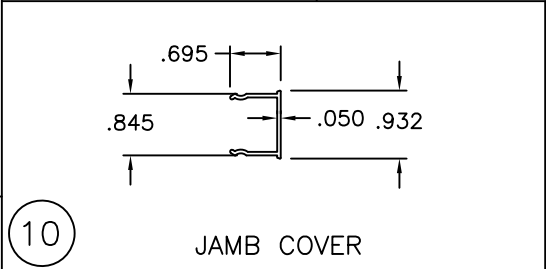
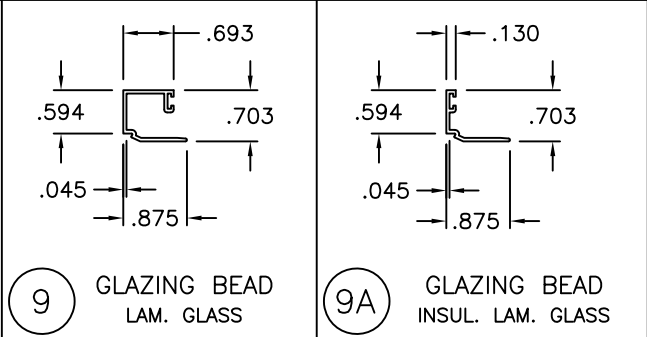
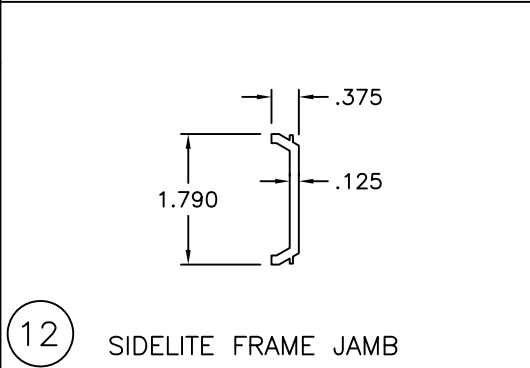
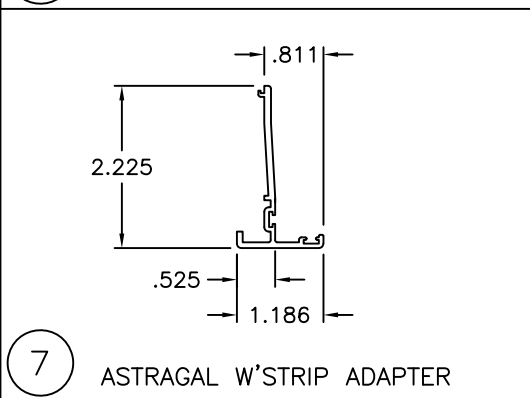
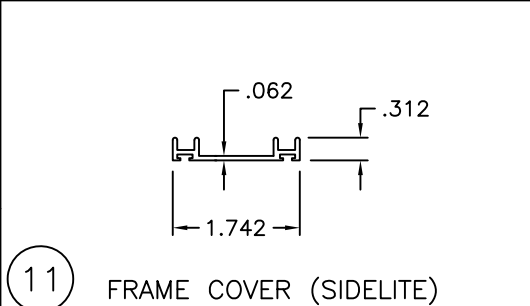
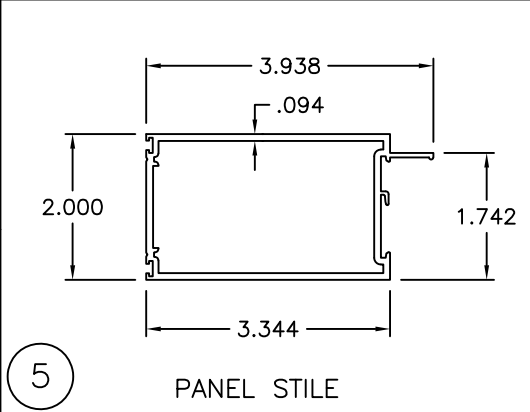
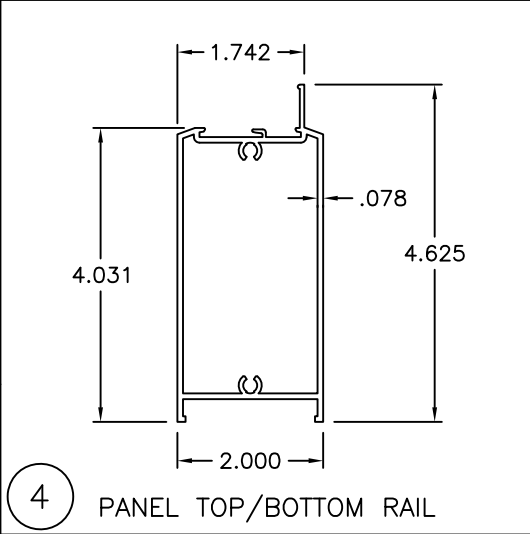
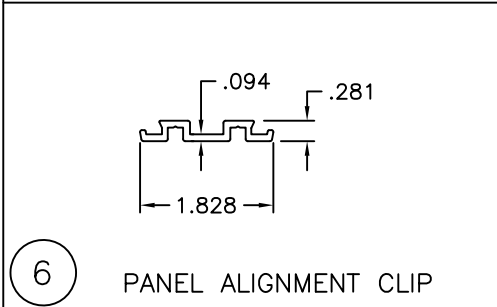
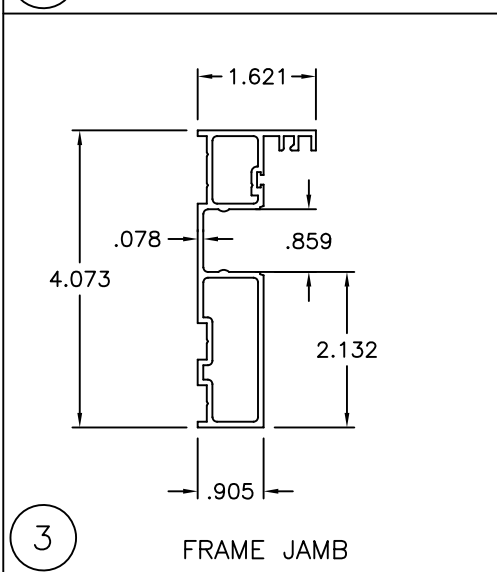
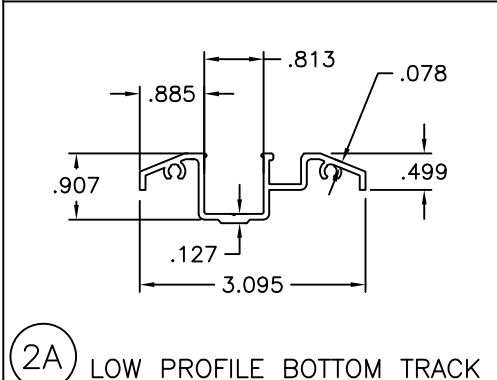
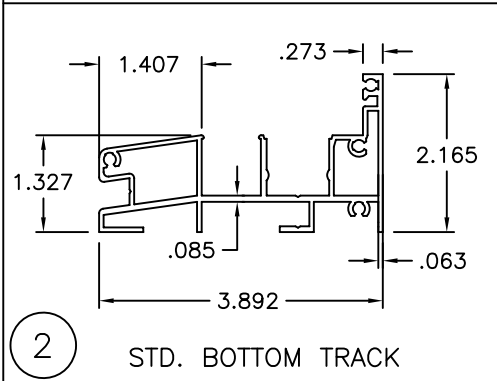
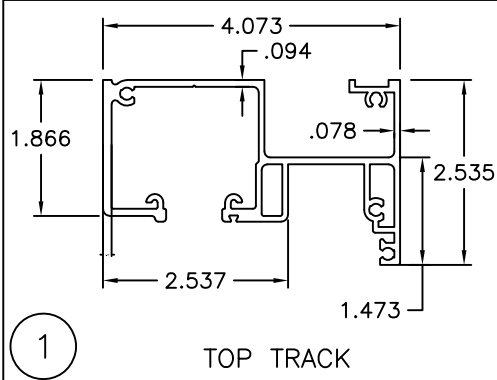
SURFACE MOUNTED METALLIC STRIKE PLATE AT 47" FROM BOTTOM FACING LOCKING POINTS FASTENED TO INACTIVE LEAF WITH (8) #8 X 3/4" FH SELF DRILLING SCREWS

KEEPERS FOR THROW BOLT AT SILL: SURFACE MOUNTED ST. STEEL KEEPERS EACH FASTENED TO FRAME SILL WITH (2) #8 X 2" FH SMS

Revision:	REVISED TABLE FORMAT. ADDED DP TABLE ROUNDING, WINDOW INSTALL AND ANCHOR HEAD TYPE NOTES, REMOVED SILICONE AND BACKSTOP ON INSTALL DETAIL
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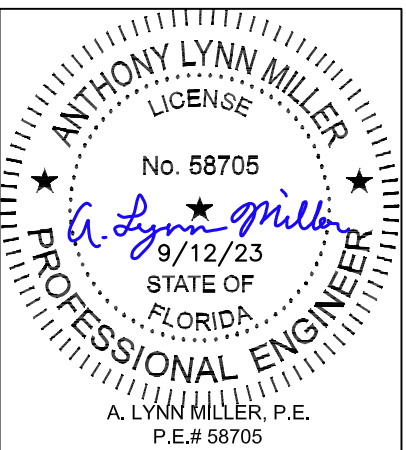
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	10/4/2022	HONG C.	A
				Re.
				Rev.
 ECO WINDOW SYSTEMS, LLC. 8602 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902	SERIES 900 ALUM. OUTFOLDING BI-FOLD DOOR (L.M.I.)	By	HONG C.	A
				Rev.
				Rev.
BILL OF MATERIALS & HARDWARE SPECS	SERIES 900	8 OF 11	DWC	BF900FPA - LMI
				Rev.
				Rev.
Series	Desc.	Title	Series	Desc.

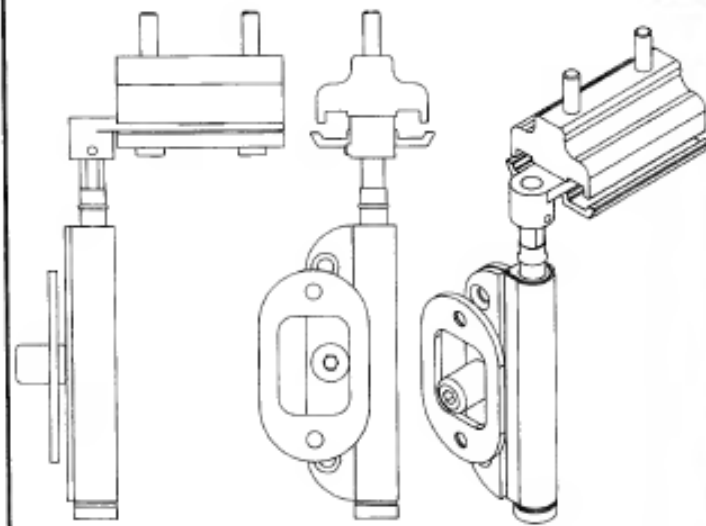




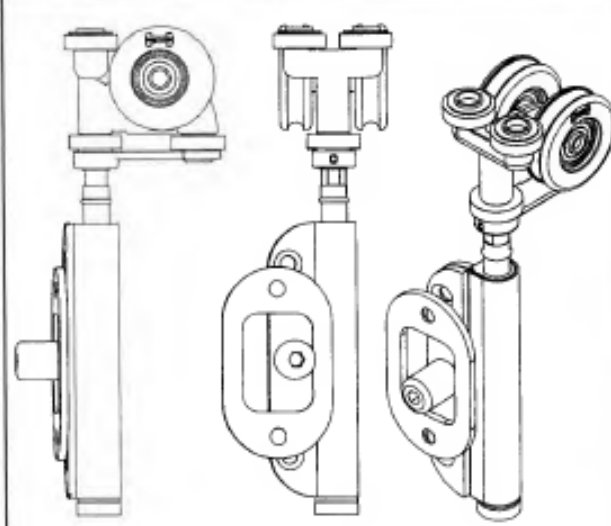
Revision:	REVISED TABLE
	FORMAT
	ADDED DP
	TABLE
	ROUNDING,
	WINDOW
	INSTALL AND
	ANCHOR HEAD
	TYPE NOTES,
	REMOVED
	SILICONE AND
	BACKSTOP ON
	INSTALL DETAIL

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	10/4/2022	HONG C.	BF900FPA - LMI	A
 ECO WINDOW SYSTEMS, LLC. 8602 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902	SERIES 900 ALUM. OUTFOLDING BL-FOLD DOOR (L.M.I.)	Date	By	Dwg	No.
EXTRUSION PROFILES	SERIES 900	Sheet	9 OF 11	Dwg	No.

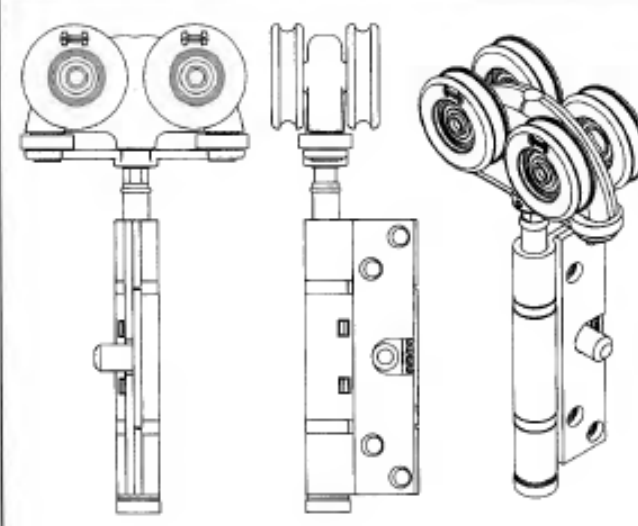




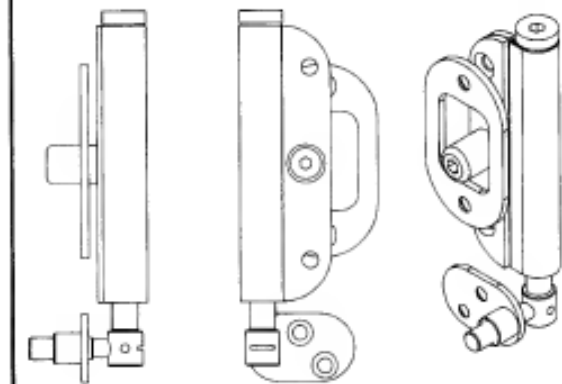
(25T) TOP PIVOT
ATTACHED WITH (6) #10 X 1" FH SELF DRILLING SCREWS
SEE ELEVS. FOR LOCATIONS



(26T) TOP END HANGER
SEE ELEVS. FOR LOCATIONS



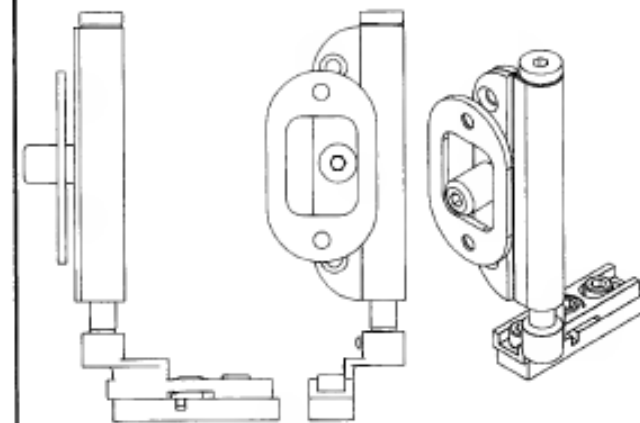
(27T) TOP INTERMEDIATE HANGER
ATTACHED WITH (7) #10 X 1" FH SELF DRILLING SCREWS
SEE ELEVS. FOR LOCATIONS



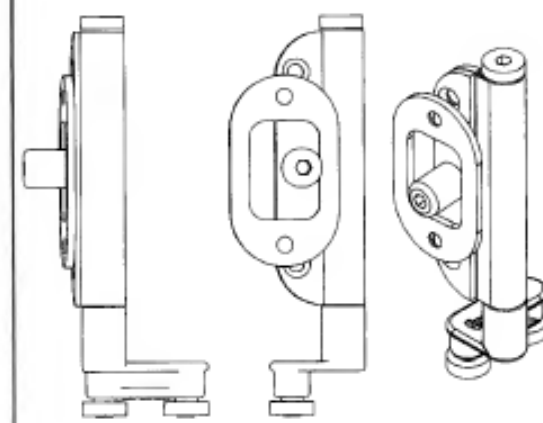
(25M) HINGE WITH HANDLE
4-1/8" LONG 3 PIECE BUTT HINGE
ATTACHED WITH (7) #10 X 1" FH SELF DRILLING SCREWS
SEE ELEVS. FOR LOCATIONS



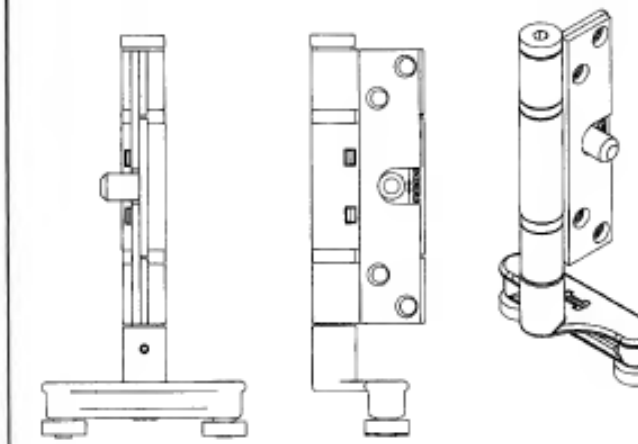
(27M) HINGE WITHOUT HANDLE
4-1/8" LONG 3 PIECE BUTT HINGE
ATTACHED WITH (7) #10 X 1" FH SELF DRILLING SCREWS
SEE ELEVS. FOR LOCATIONS



(25B) BOTTOM PIVOT
ATTACHED WITH (6) #10 X 1" FH SELF DRILLING SCREWS
SEE ELEVS. FOR LOCATIONS



(26B) BOTTOM END PIVOT
SEE ELEVS. FOR LOCATIONS



(27B) BOTTOM SLIDING HINGE
5-1/2" LONG HINGE
ATTACHED WITH (7) #10 X 1" FH SELF DRILLING SCREWS
SEE ELEVS. FOR LOCATIONS

Revision:
REVISED TABLE
FORMAT
ADDED DP
TABLE
ROUNDING,
WINDOW
INSTALL 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	10/4/2022
ECO WINDOW SYSTEMS, LLC. 8602 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902		By		HONG C.	
SERIES 900 ALUM. OUTFOLDING BLFOLD DOOR (L.M.I.)		No.		BF900FPA - LMI	A
HARDWARE DETAILS		DWG		10 OF 11	
Series		Desc.		Sheet	
SERIES 900					

