



Product Approval

USER: Public User

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

OFFICE OF THE
SECRETARY

FL # FL32389-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 Carlos Martinez
Address/Phone/Email 8502 NW 80th Street #103
Medley, FL 33166
(786) 307-2474
carlos.martinez@ecowindowsystems.com

Quality Assurance Representative
Address/Phone/Email

Category Windows
Subcategory Fixed

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 Javad Ahmad
Florida License PE-70592
Quality Assurance Entity Keystone Certifications, Inc.
Quality Assurance Contract Expiration Date 12/16/2034
Validated By Ammad Riaz, P.E.
☒ Validation Checklist - Hardcopy Received

Certificate of Independence [FL32389 R7 COI Certificate of Independence JA-PE.pdf](#)

Referenced Standard and Year (of Standard)	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

06/16/2025

Date Validated

07/07/2025

Date Pending FBC Approval

07/08/2025

Date Approved

08/12/2025

Summary of Products

FL #	Model, Number or Name	Description
32389.1	Series 70 Aluminum Fixed Window	Large Missile Impact resistant, Aluminum Fixed Window
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 FL32389 R7 II SERIES 70 FIXED WINDOW-LMI-JA-1844-24-SS1.pdf Verified By: Javad Ahmad PE-70592 Created by Independent Third Party: Yes Evaluation Reports FL32389 R7 AE ECO 70-Fixed Window-LMI-PA EVR.pdf Created by Independent Third Party: Yes
32389.2	Series 70 Aluminum Fixed Window	Non-Impact Resistant, Aluminum Fixed Window
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: No 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 FL32389 R7 II SERIES 70 FIXED WINDOW-NI-JA-1844-24-SS1.pdf Verified By: Javad Ahmad PE-70592 Created by Independent Third Party: Yes Evaluation Reports FL32389 R7 AE ECO 70-Fixed Window-NI-PA EVR.pdf Created by Independent Third Party: Yes
32389.3	Series 300 Aluminum Fixed Window	Large Missile Impact Resistant, Aluminum Fixed Window
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 FL32389 R7 II SERIES 300 FIXED WINDOW-LMI-JA-1439-25-SS2.pdf Verified By: Javad Ahmad PE-70592 Created by Independent Third Party: Yes Evaluation Reports FL32389 R7 AE ECO 300-Fixed Window-LMI-PA EVR.pdf Created by Independent Third Party: Yes
32389.4	Series 300 Aluminum Fixed Window	Small Missile Impact Resistant, Aluminum Fixed Window
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 FL32389 R7 II SERIES 300 FIXED WINDOW-SMI-JA-1844-24-SS1.pdf Verified By: Javad Ahmad PE-70592 Created by Independent Third Party: Yes Evaluation Reports FL32389 R7 AE ECO 300-Fixed Window-SMI-PA EVR.pdf Created by Independent Third Party: Yes
32389.5	Series 350 Aluminum Fixed Window	Large Missile Impact Resistant, Aluminum Fixed Window
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 FL32389 R7 II SERIES 350 FIXED WINDOW-LMI-JA-1844-24-SS1.pdf Verified By: Javad Ahmad PE-70592 Created by Independent Third Party: Yes Evaluation Reports FL32389 R7 AE ECO 350-Fixed Window-LMI-PA EVR.pdf Created by Independent Third Party: Yes
32389.6	Series 350 Aluminum Fixed Window	Small Missile Impact Resistant, Aluminum Fixed Window
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 FL32389 R7 II SERIES 350 FIXED WINDOW-SMI-JA-1844-24-SS1.pdf Verified By: Javad Ahmad PE-70592 Created by Independent Third Party: Yes Evaluation Reports FL32389 R7 AE ECO 350-Fixed Window-SMI-PA EVR.pdf Created by Independent Third Party: Yes

32389.7	Series 550 Aluminum Fixed Window	Large Missile Impact Resistant, Aluminum Fixed Window
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 FL32389 R7 II SERIES 550 FIXED WINDOW-LMI-JA-1844-24-SS1.pdf Verified By: Javad Ahmad PE-70592 Created by Independent Third Party: Yes Evaluation Reports FL32389 R7 AE ECO 550-Fixed Window-LMI-PA EVR.pdf Created by Independent Third Party: Yes
32389.8	Series 550 Aluminum Fixed Window	Small Missile Impact Resistant, Aluminum Fixed Window
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 FL32389 R7 II SERIES 550 FIXED WINDOW-SMI-JA-1844-24-SS1.pdf Verified By: Javad Ahmad PE-70592 Created by Independent Third Party: Yes Evaluation Reports FL32389 R7 AE ECO 550-Fixed Window-SMI-PA EVR.pdf Created by Independent Third Party: Yes
32389.9	Series 610 Aluminum Fixed Window	Large Missile Impact Resistant, Aluminum Fixed Window
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 FL32389 R7 II SERIES 610 FIXED WINDOW-LMI-JA-1844-24-SS1.pdf Verified By: Javad Ahmad PE-70592 Created by Independent Third Party: Yes Evaluation Reports FL32389 R7 AE ECO 610-Fixed Window-LMI-PA EVR.pdf Created by Independent Third Party: Yes
32389.10	Series 620 Aluminum Fixed Window	Large Missile Impact Resistant, Aluminum Fixed Window
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 FL32389 R7 II SERIES 620 FIXED WINDOW-LMI-JA-1844-24-SS1.pdf Verified By: Javad Ahmad PE-70592 Created by Independent Third Party: Yes Evaluation Reports FL32389 R7 AE ECO 620-Fixed Window-LMI-PA EVR.pdf Created by Independent Third Party: Yes

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

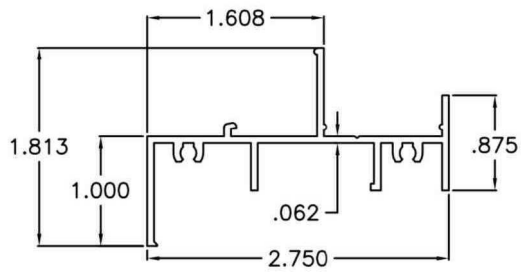
[Contact Us](#) :: [2601 Blair Stone Road, Tallahassee FL 32399](#) Phone: 850-487-1824

The State of Florida is an AA/EEO employer. [Copyright 2007-2013 State of Florida](#). :: [Privacy Statement](#) :: [Accessibility Statement](#) :: [Refund Statement](#)

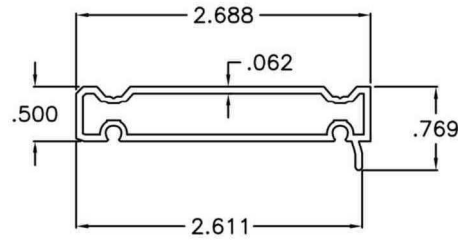
Under Florida law, email addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395. *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:

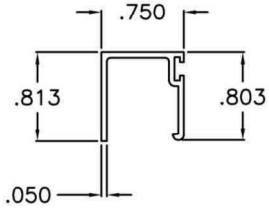




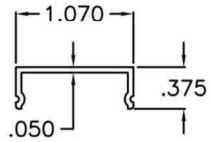
① FRAME HEAD/SILL/JAMB



⑦ FLUSH FRAME ADAPTER



② GLAZING BEAD



③ ANCHOR COVER

ECO-GUARD SERIES-300 ALUMINUM FIXED WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 2.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF FIX./FIX. OR FIXED WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING F.B.C. APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

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.

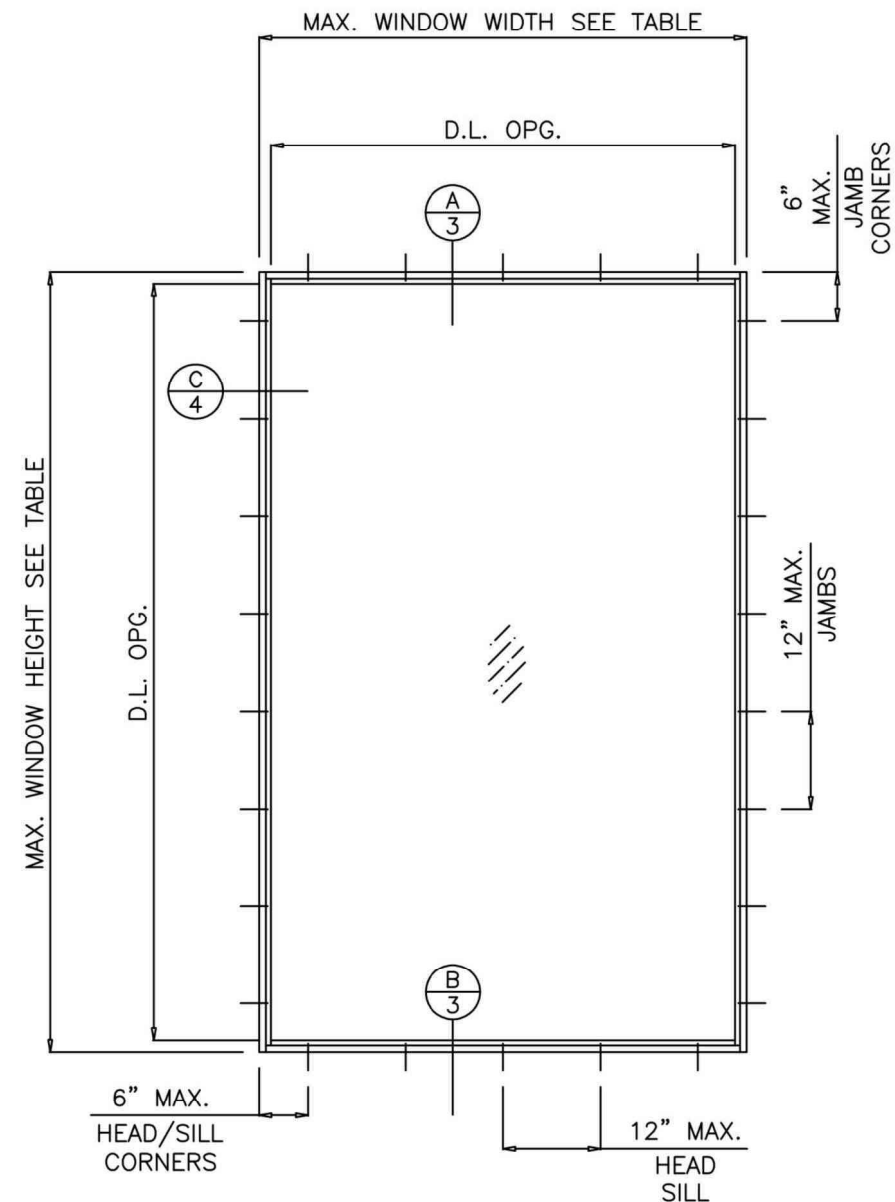
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE & ADOPTED STANDARDS.

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)'.

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

ALL TEMPERED AND/OR LAMINATED GLASS OPTIONS IN THIS APPROVAL HAVE BEEN CERTIFIED BY THE SGCC FOR COMPLIANCE TO ANSI Z97.1, CLASS A AND CPSC 16 CFR 1201, CATEGORY II. THIS INCLUDES LAMINATED GLASS THAT IS MANUFACTURED WITH ANNEALED GLASS PLIES. FOR APPLICATIONS WHERE THE WINDOW IS BEING USED AS A GUARD, HEAT STRENGTHENED OR TEMPERED LAMINATED GLASS MUST BE USED.



TYPICAL ELEVATION

GLASS D.L.O. DIMS.

D.L.O. HEIGHT = WINDOW HEIGHT - 3.625"

D.L.O. WIDTH = WINDOW WIDTH - 3.625"



JAVAD AHMAD PE, inc

7875 NW 12th St., Suite 102 Doral,
FL 33126

Ph: (305) 424-8001

support@ja-pe.com

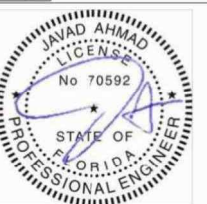
CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

drawing no.	JA-1439-25	drawn by:	AK
date:	07/03/2025	check by:	MK
REVISION			
No.	DATE	BY	DESCRIPTION

SERIES 300: ALUMINUM FIXED WINDOW
(L-M.I.)
LARGE MISSILE IMPACT RATED



ECO WINDOW SYSTEMS, LLC.
8502 N.W. 80th ST., MEDLEY, FL 33166
TEL. (305) 885-5299 FAX. (305) 885-5902



SEALED: 07/03/2025

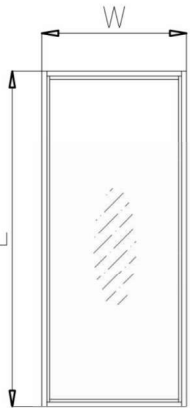
FL#32389.3

01

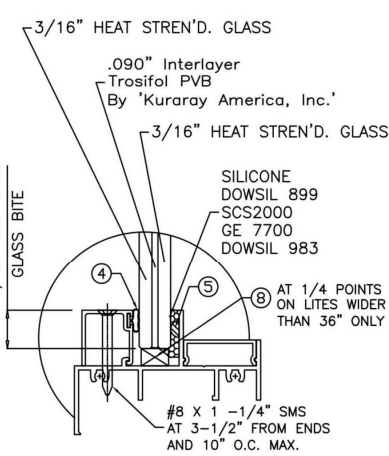
01 of 05

Design Load Capacity - PSF																													
Window Width (in.)	Glass Type	Window Length (in.)																											
		26"		36"		38-3/8"		48"		50-5/8"		60"		63"		72"		76"		84"		96"		108"		120"			
24"	B,C	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0		
	D	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0		
26-1/2"	B,C	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0		
	D	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0		
30"	B,C	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0		
	D	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0		
36"	B,C	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-76.2	+74.5	-74.5	+74.5	-74.5
	D	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0		
37"	B,C	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+70.0	-70.0	+64.6	-64.6	+61.5	-61.5				
	D	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0				
42"	B,C	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+70.0	-70.0	+70.0	-70.0	+64.6	-64.6	+61.5	-61.5				
	D	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0				
48"	B,C	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-76.6	+75.0	-76.6	+67.9	-69.9	+65.6	-65.6	+59.9	-59.9						
	D	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0						
53-1/8"	B,C	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+71.3	-76.0	+67.9	-72.5	+67.9	-72.5	+67.9	-69.9	+67.9	-69.9	+64.3	-64.3								
	D	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0								
54"	B,C	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+71.3	-73.1	+66.8	-71.3	+66.8	-71.3	+66.8	-71.3	+64.3	-64.3	+64.3	-64.3								
	D	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0								
60"	B,C	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+71.3	-73.1	+60.2	-64.2	+60.2	-64.2	+60.2	-64.2												
	D	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0												
66"	B,C	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+71.3	-73.1	+60.2	-64.2																
	D	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0																
72"	B,C	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+75.0	-76.6	+71.3	-73.1	+60.2	-64.2																
	D	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0																
74"	B,C	+75.0	-80.0	+75.0	-80.0	+75.0	-80.0	+71.3	-73.1	+71.3	-73.1																		
	D	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0																		

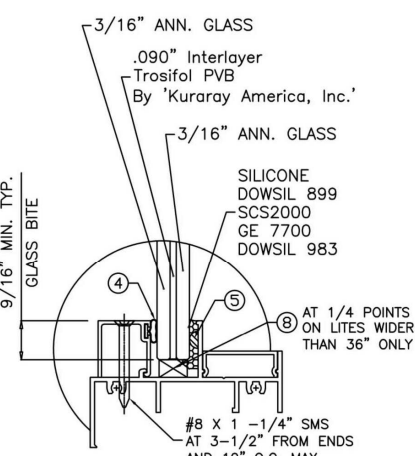
FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR LENGTH DIMENSION SHOWN ON THE TABLE.



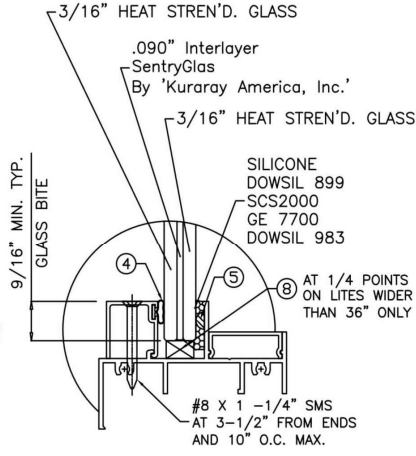
NOTE: WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.



GLASS TYPE 'B'



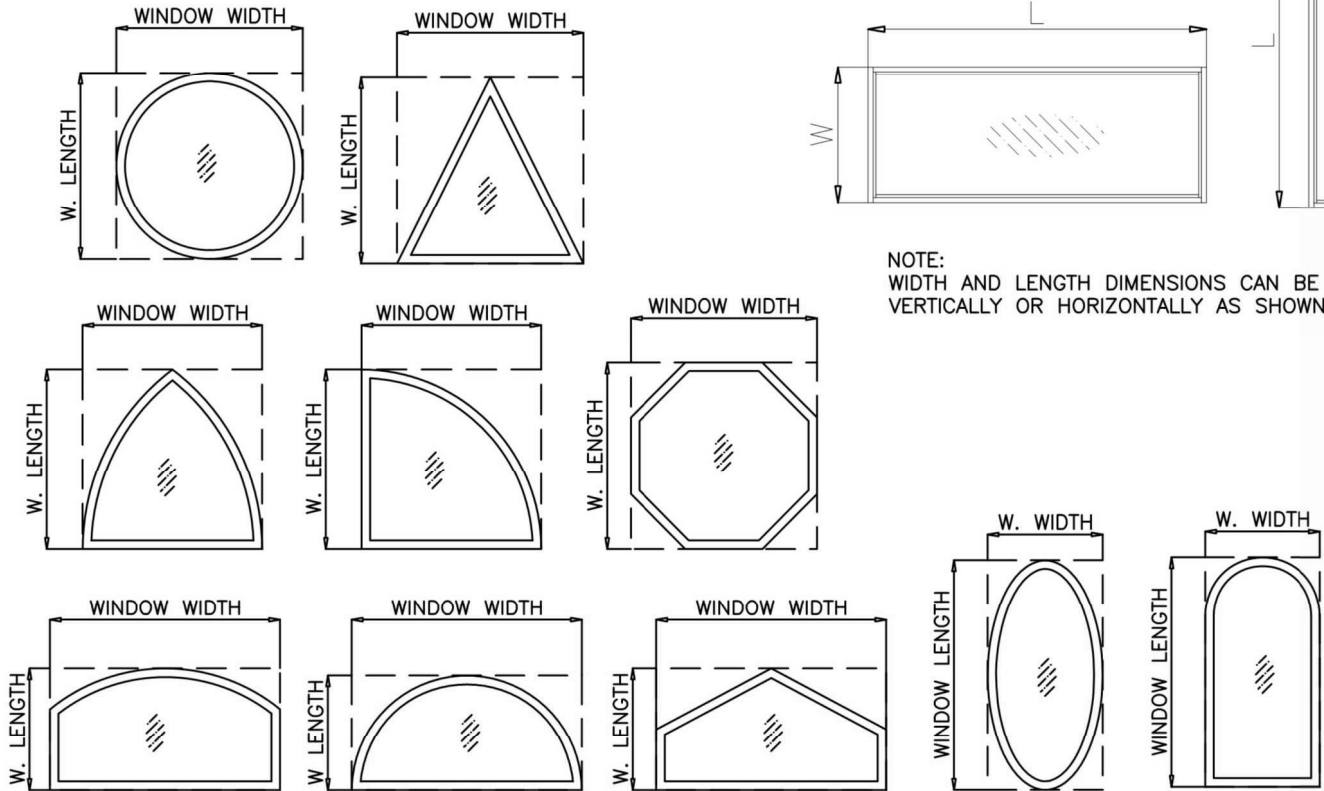
GLASS TYPE 'C'



GLASS TYPE 'D'

GLAZING OPTIONS

NOTE: GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-16 (3 SEC. GUSTS)



ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE VERIFIED BY INSCRIBING PICTURE WINDOW SHAPE WITHIN SQUARE OR RECTANGLE AS SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES.



JAVAD AHMAD PE, inc

7875 NW 12th St., Suite 102 Doral, FL 33126

Ph: (305) 424-8001

support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

drawing no.	JA-1439-25	drawn by:	AK
date:	07/03/2025	check by:	MK
REVISION			
No.	DATE	BY	DESCRIPTION

SERIES 300: ALUMINUM FIXED WINDOW (L.M.I.)

LARGE MISSILE IMPACT RATED

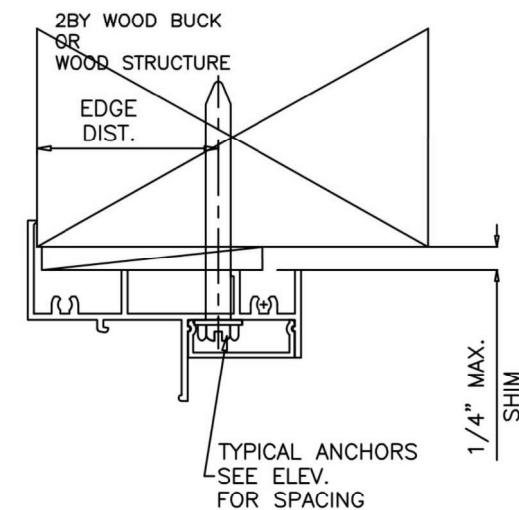
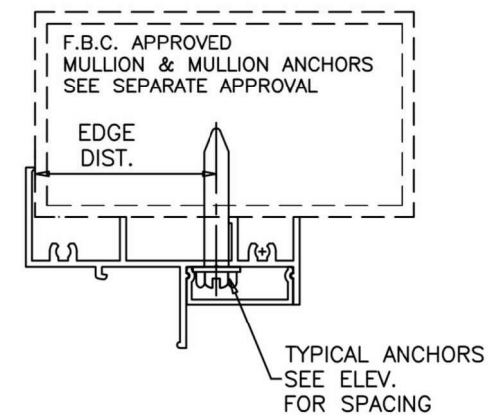
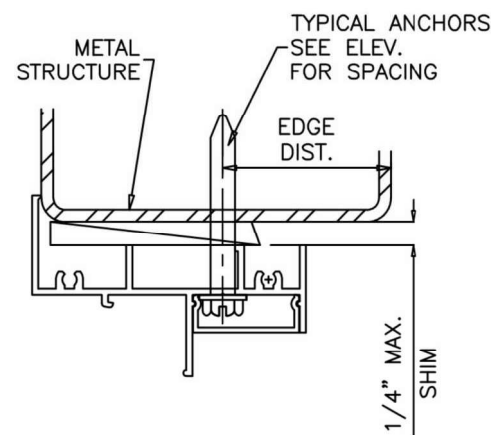
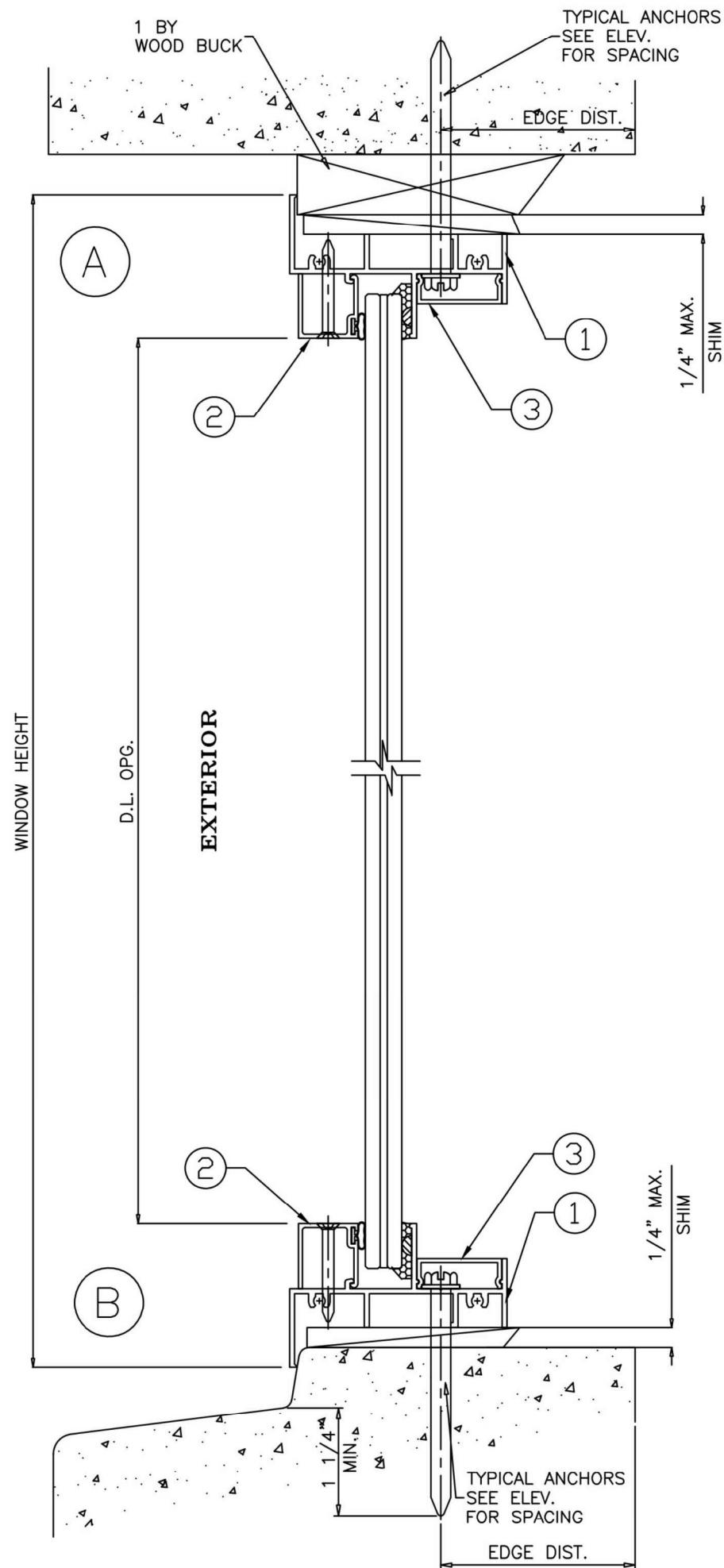


ECO WINDOW SYSTEMS, LLC
8502 N.W. 80th ST., MEDLEY, FL 33166
TEL. (305) 885-5299 FAX. (305) 885-5902



SEALED: 07/03/2025

FL#32389.3

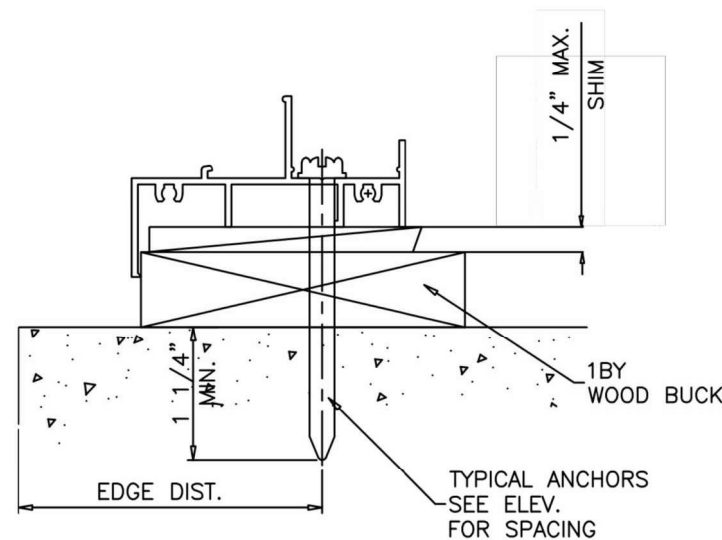


WOOD BUCKS AND METAL STRUCTURE NOT BY 'ECO WDW.'
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

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
	All	Aluminum 1/8" Thk. Min. (6063-T5)	3/4"	(3) Threads min. beyond metal thickness
	All	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



SEALANT:

ALL JOINT AND FRAME CONNECTIONS SEALED WITH JOINT SEALER.

FL#32389.3



JAVAD AHMAD PE, inc
7875 NW 12th St., Suite 102 Doral,
FL 33126
Ph: (305) 424-8001
support@ja-pe.com

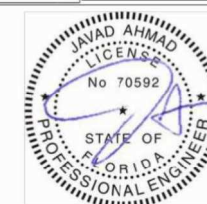
CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

drawing no. JA-1439-25	drawn by: AK	check by: MK				
date:	07/03/2025					
			REVISION			
No.	DATE	BY	DESCRIPTION			

SERIES 300: ALUMINUM FIXED WINDOW
(L.M.I.)
LARGE MISSILE IMPACT RATED

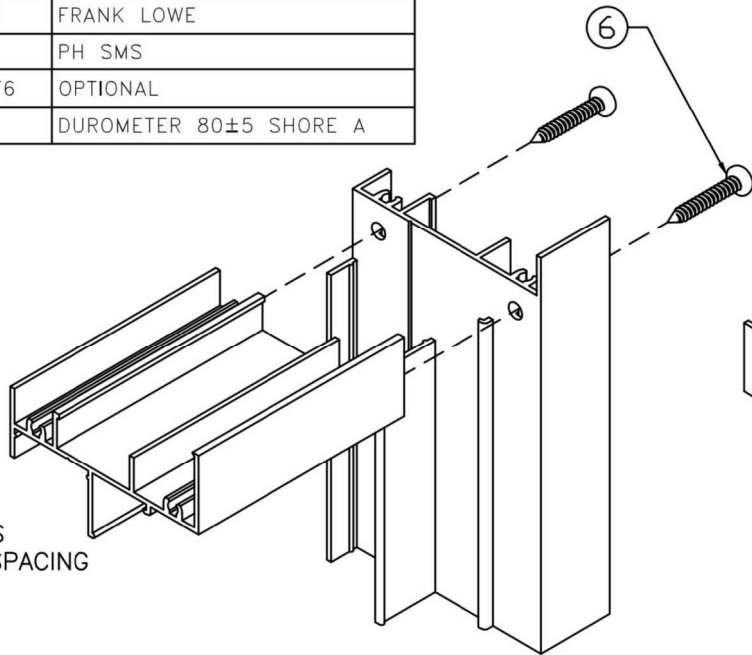
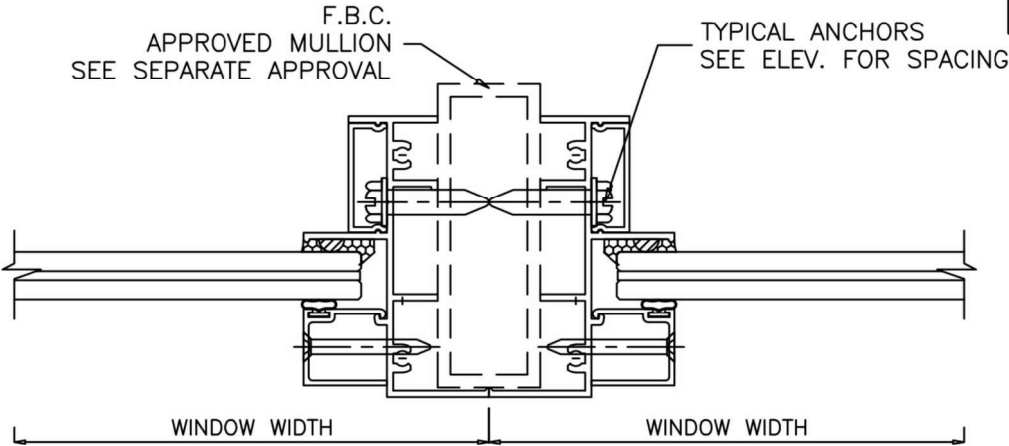


ECO WINDOW SYSTEMS, LLC.
8502 N.W. 80th ST., MEDLEY, FL 33166
TEL. (305) 885-5299 FAX. (305) 885-5902

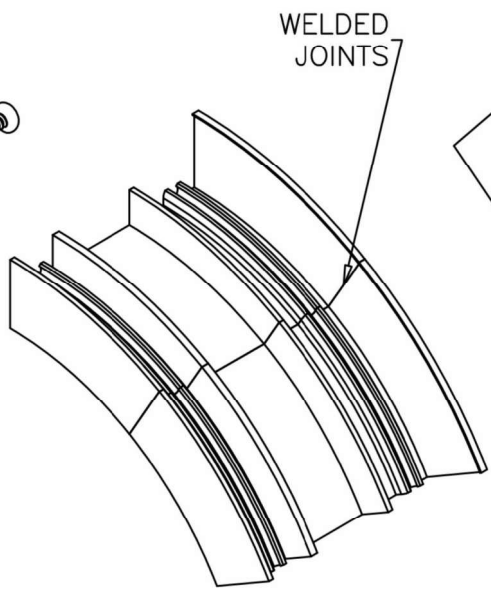


SEALED: 07/03/2025

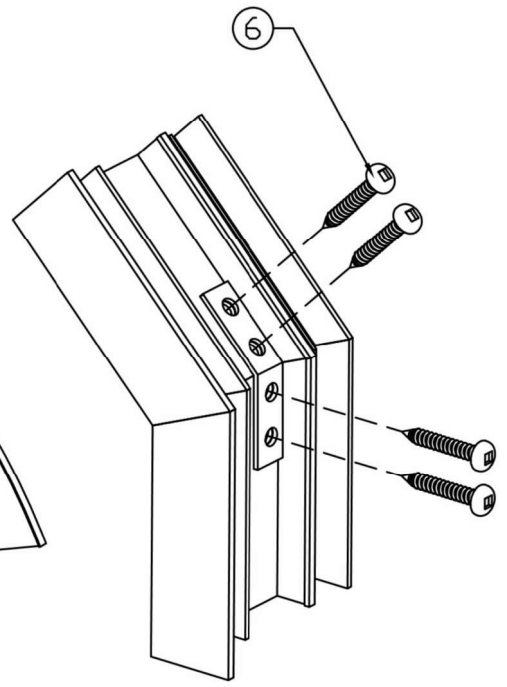
ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	FY301	2	FRAME HEAD/SILL/JAMB	6063 - T6	-
2	FY302	AS REQD.	GLAZING BEAD - 7/16" GLASS	6063 - T6	-
3	FY303	AS REQD.	ANCHOR COVER	6063 - T5	-
4	E203	AS REQD.	GLAZING BEAD BULB	NEOPRENE	ULTRAFAB
5	FLB-50	1	GLASS SPACER - 1/8" HIGH	SILICONE	FRANK LOWE
6	#8 x 1"	8	FRAME ASSEMBLY SCREW	CRS	PH SMS
7	FY120	-	FLUSH FRAME ADAPTER	6063 - T6	OPTIONAL
8	-	2/LITE	SETTING BLOCK	EPDM	DUROMETER 80±5 SHORE A



RECT. OR SQUARE WINDOWS

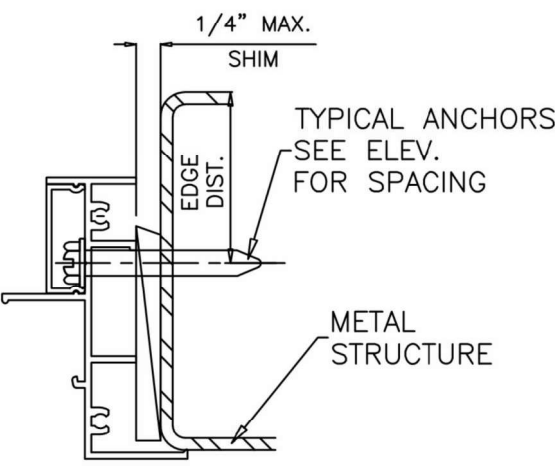
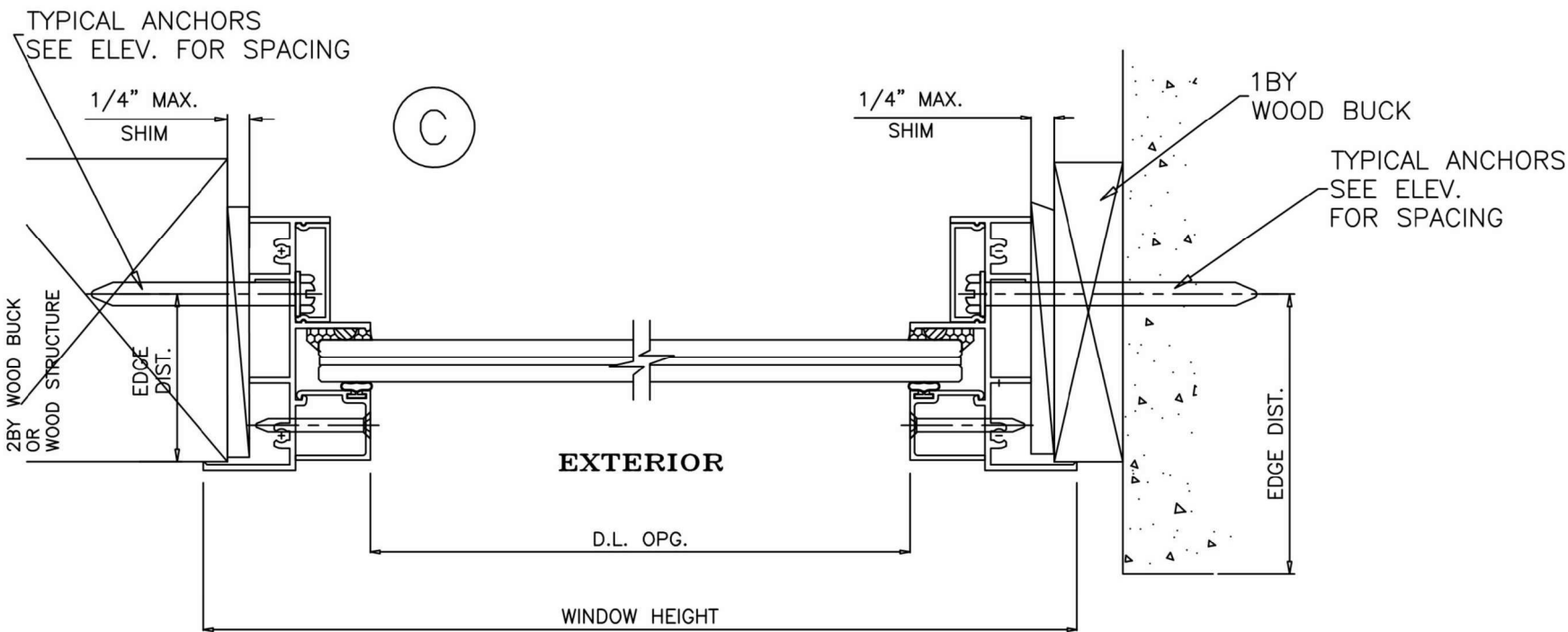


CIRCULAR WINDOWS



MITER CORNERS

CORNER DETAILS



JAVAD AHMAD PE, inc
7875 NW 12th St., Suite 102 Doral,
FL 33126
Ph: (305) 424-8001
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

drawing no.	JA-1439-25	drawn by:	AK
date:	07/03/2025	check by:	MK
REVISION			
No.	DATE	BY	DESCRIPTION

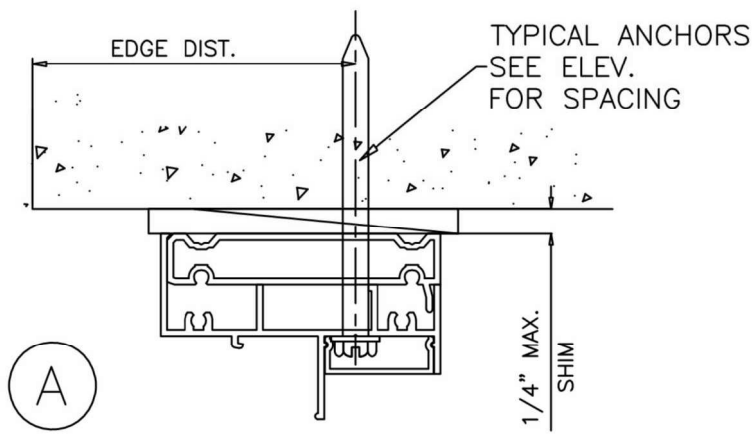
SERIES 300: ALUMINUM FIXED WINDOW
(L.M.I.)
LARGE MISSILE IMPACT RATED

ECO window systems
ECO WINDOW SYSTEMS, LLC.
8502 N.W. 80th ST., MEDLEY, FL 33166
TEL. (305) 885-5299 FAX. (305) 885-5902

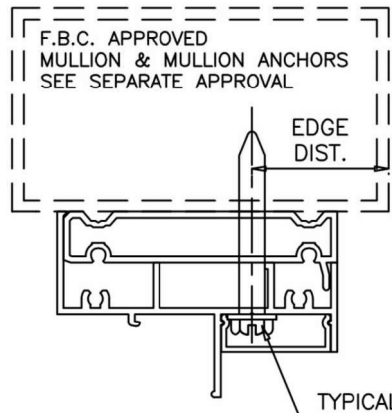
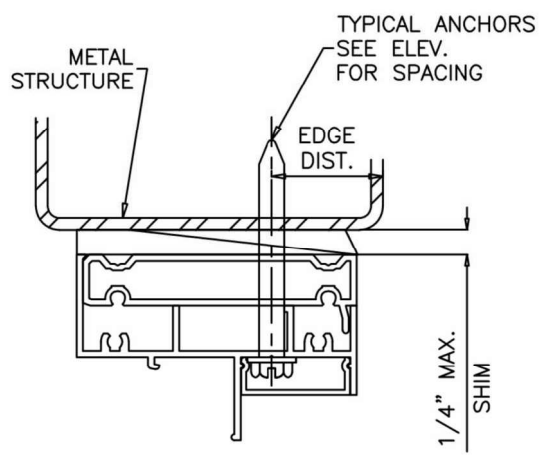


SEALED: 07/03/2025

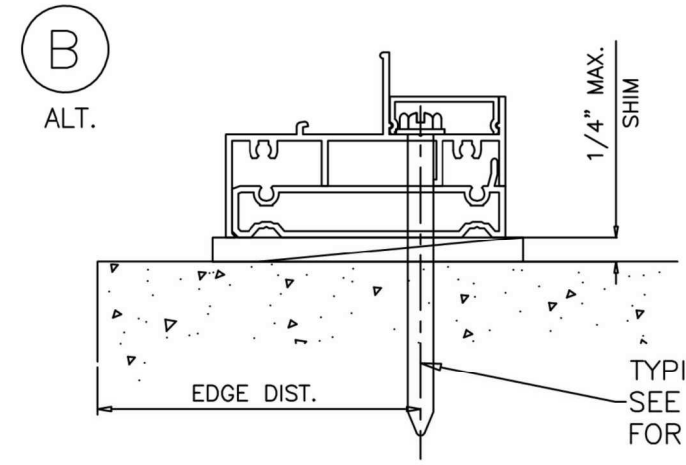
FL#32389.3



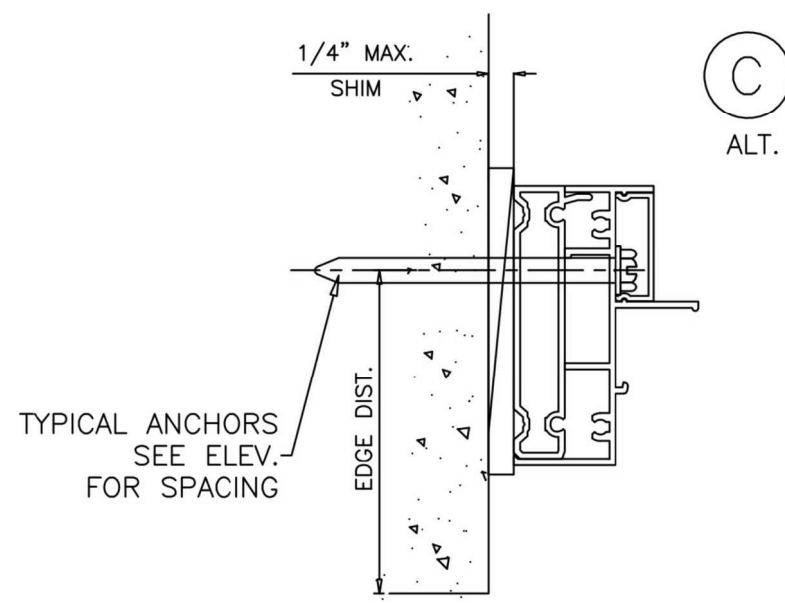
A
ALT.



TYPICAL ANCHORS
SEE ELEV.
FOR SPACING



B
ALT.



C
ALT.

INSTALLATION DETAILS WITH FLUSH FRAME ADAPTER

FL#32389.3



JAVAD AHMAD PE, inc
7875 NW 12th St., Suite 102 Doral,
FL 33126
Ph: (305) 424-8001
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

drawing no.	JA-1439-25	drawn by:	AK
date:	07/03/2025	check by:	MK
REVISION			
No.	DATE	BY	DESCRIPTION

SERIES 300: ALUMINUM FIXED WINDOW (L-M.I.)
LARGE MISSILE IMPACT RATED

ECO window systems
ECO WINDOW SYSTEMS, LLC.
8502 N.W. 80th ST., MEDLEY, FL 33166
TEL. (305) 885-5299 FAX. (305) 885-5902



SEALED: 07/03/2025