



Product Approval
USER: Public User

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

OFFICE OF THE
SECRETARY

FL # FL21632-R4
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
jrosowski@pgtindustries.com

Authorized Signature Jens Rosowski
jrosowski@pgtindustries.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 Panel Walls
Subcategory Storefronts

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 [FL21632_R4_COI_Cert of Independence.pdf](#)

Referenced Standard and Year (of Standard)	Standard	Year
	AAMA 501	2015
	ANSI Z97.1	2014
	TAS 201	1994
	TAS 202	1994
	TAS 203	1994

Equivalence of Product Standards Certified By Florida Licensed Professional Engineer or Architect

Sections from the Code

Product Approval Method

Method 1 Option D

Date Submitted

10/19/2023

Date Validated

10/20/2023

Date Pending FBC Approval

10/28/2023

Date Approved

12/13/2023

Summary of Products

FL #	Model, Number or Name	Description
21632.1	Series 1050 Window Wall System	Large missile impact resistant, aluminum window wall system
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 FL21632_R4_II_WW1050FPA - LMI - REV A1.pdf Verified By: A. Lynn Miller, P.E. PE-58705 Created by Independent Third Party: No Evaluation Reports FL21632_R4_AE_WW1050LMI ENG EVAL - REV A1.pdf Created by Independent Third Party: No
21632.2	Series 1050 Window Wall System	Small missile impact resistant, aluminum window wall system
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 FL21632_R4_II_WW1050FPA - SMI - REV A1.pdf Verified By: A. Lynn Miller, P.E. PE-58705 Created by Independent Third Party: No Evaluation Reports FL21632_R4_AE_WW1050SMI ENG EVAL - REV A1.pdf Created by Independent Third Party: No
21632.3	Series 2500 Narrow Window Wall System	Large missile impact resistant, aluminum window wall system
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 FL21632_R4_II_2500-NARROW-FPA - LMI - REV A1.pdf Verified By: A. Lynn Miller, P.E. PE-58705 Created by Independent Third Party: No Evaluation Reports FL21632_R4_AE_WW2500LMI ENG EVAL - REV A2.pdf Created by Independent Third Party: No
21632.4	Series 2500 Narrow Window Wall System	Small missile impact resistant, aluminum window wall system
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 FL21632_R4_II_2500-NARROW-FPA - SMI - REV A1.pdf Verified By: A. Lynn Miller, P.E. PE-58705 Created by Independent Third Party: No Evaluation Reports FL21632_R4_AE_WW2500SMI ENG EVAL - REV A1.pdf Created by Independent Third Party: No
21632.5	Series 400 Window Wall System	Large missile impact resistant, aluminum window wall system with window inserts.
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 FL21632_R4_II_WW400FPA - LMI - REV A1.pdf Verified By: A. Lynn Miller, P.E. PE-58705 Created by Independent Third Party: No Evaluation Reports FL21632_R4_AE_ECO_WW400LMI ENG EVAL - REV A1.pdf Created by Independent Third Party: No
21632.6	Series 400 Window Wall System	Small missile impact resistant, aluminum window wall system with window inserts.

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 FL21632_R4_II_WW400FPA - SMI - REV A1.pdf Verified By: A. Lynn Miller, P.E. PE-58705 Created by Independent Third Party: No Evaluation Reports FL21632_R4_AE_ECO_WW400SMI ENG EVAL - REV A1.pdf Created by Independent Third Party: No
21632.7	Series 450 Window Wall System	Large missile impact resistant, aluminum window wall system
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 FL21632_R4_II_WW450FPA - LMI - REV A1.pdf Verified By: A. Lynn Miller, P.E. PE-58705 Created by Independent Third Party: No Evaluation Reports FL21632_R4_AE_ECO_WW450LMI ENG EVAL - REV A1.pdf Created by Independent Third Party: No
21632.8	Series 450 Window Wall System	Small missile impact resistant, aluminum window wall system
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 FL21632_R4_II_WW450FPA - SMI - REV A1.pdf Verified By: A. Lynn Miller, P.E. PE-58705 Created by Independent Third Party: No Evaluation Reports FL21632_R4_AE_ECO_WW450SMI ENG EVAL - REV A1.pdf Created by Independent Third Party: No

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

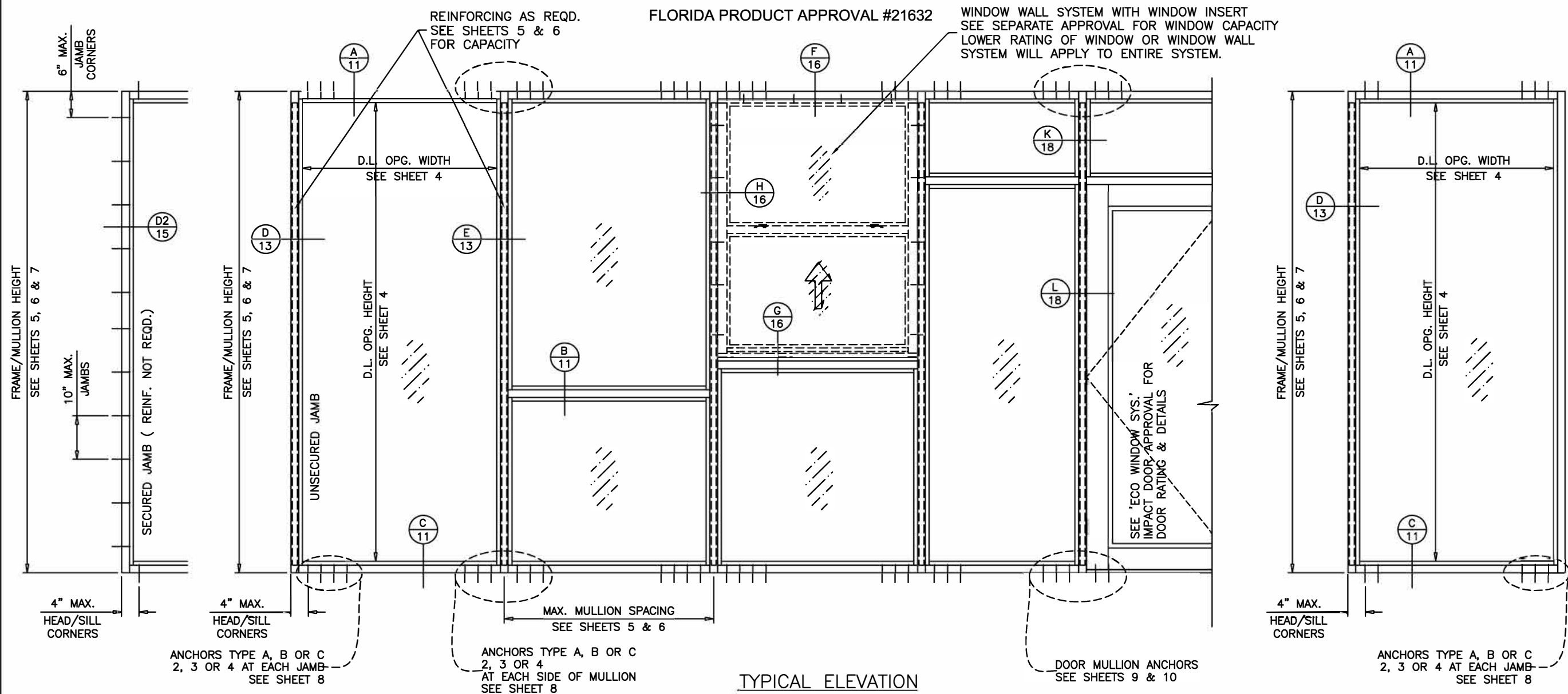
[Contact Us](#) :: 2601 Blair Stone Road, Tallahassee FL 32399 Phone: 850-487-1824

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:





SERIES 400 ALUMINUM WINDOW WALL SYSTEM

THIS SYSTEM MAY BE USED IN CONJUNCTION WITH FBC APPROVED LARGE MISSILE IMPACT RESISTANT DOORS.

LOWER DESIGN PRESSURE FROM WINDOW WALL OR DOOR 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 AS LISTED, 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 BUILDING CODE.

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)'.

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** CHECK GLASS CAPACITY TABLE ON SHEET 4 FOR GLASS TYPE, GLASS DIMENSIONS (WIDTH & HEIGHT) AND PRESSURE CAPACITY. THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.
- STEP 3** CHECK WINDOW WALL SYSTEM CAPACITY FOR DESIRED HEIGHT AND MULLION SPACING USING CHARTS ON SHEETS 5, 6 & 7. THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.
- STEP 4** USING CHARTS ON SHEET 8 SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
- STEP 5** VERIFY UNANCHORED JAMBS, IF USED AS PER SHEETS 5, 6 AND 10.
- STEP 6** THE LOWEST VALUE RESULTING FROM STEPS 2, 3 AND 4 SHALL APPLY TO ENTIRE SYSTEM.
- STEP 7** WHEN USING THIS SYSTEM WITH DOORS, THE LOWER VALUE OF THE DESIGN PRESSURE RATING FOR THE SYSTEM AND THE DOOR SHALL APPLY.

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

LARGE MISSILE IMPACT

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.



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

Date 6/05/2022

HONG C.

SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)

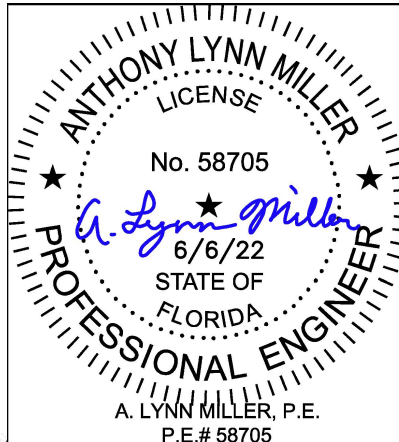
GENERAL INFORMATION & ELEVATION

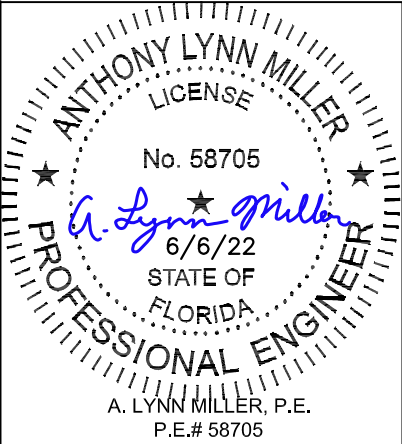
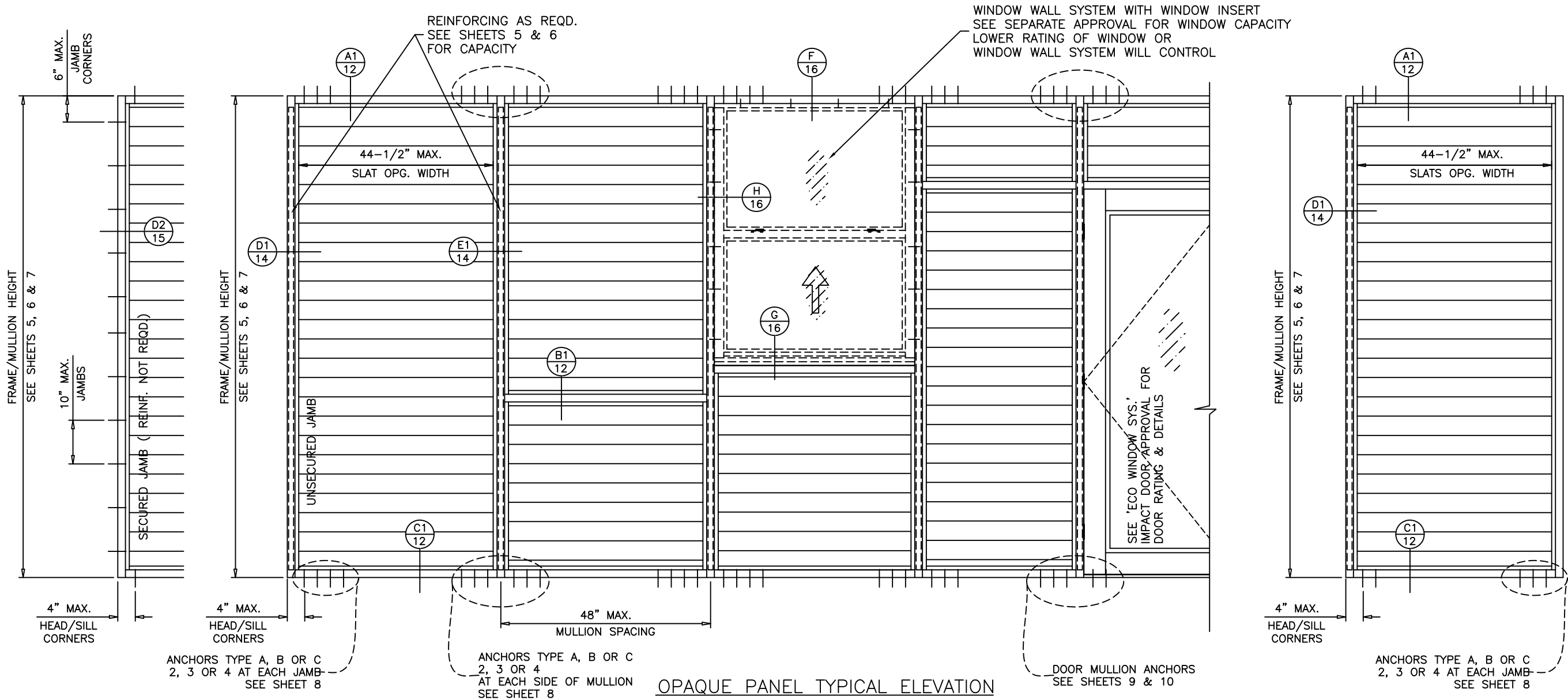
Rev. A

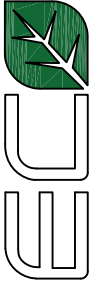
WW400FPA - LMI

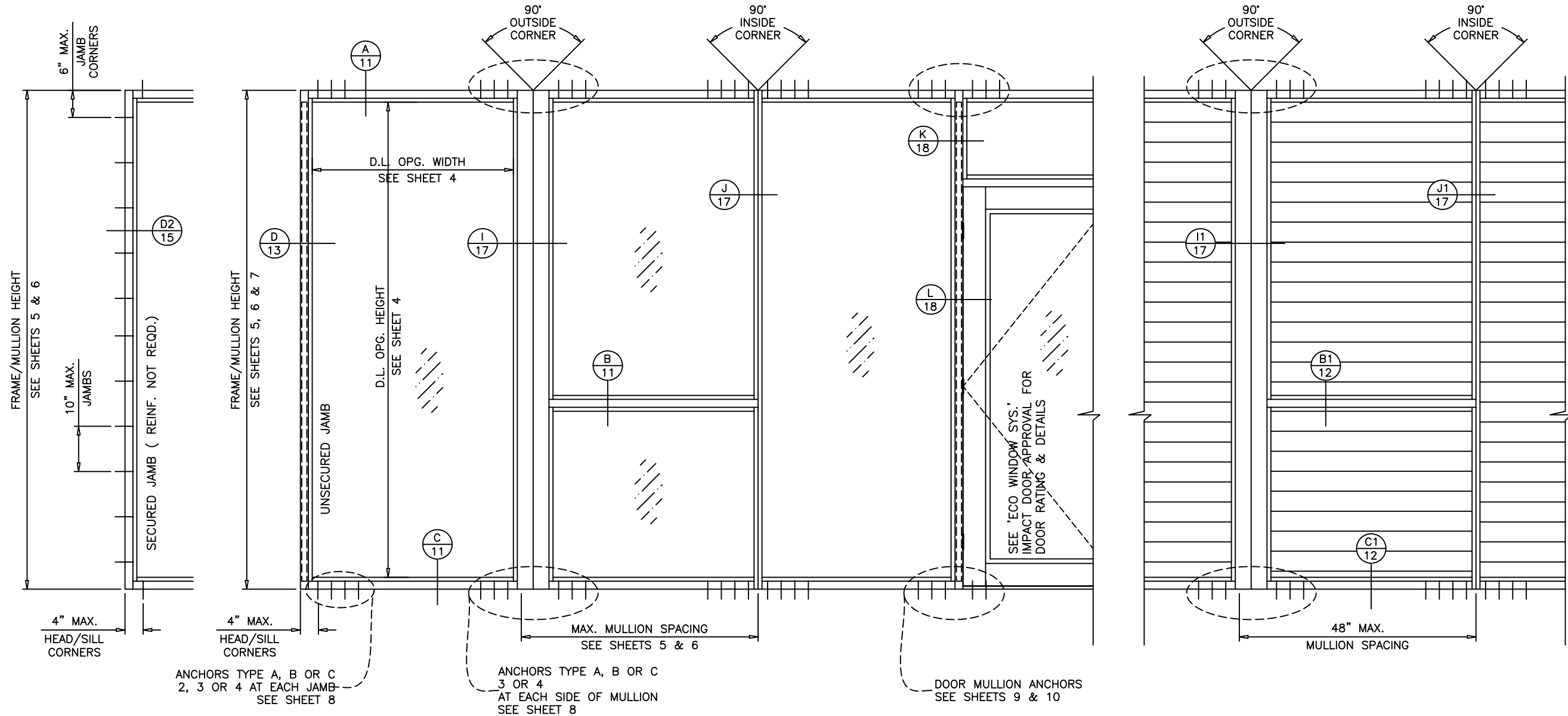
1 OF 20

SERIES 400

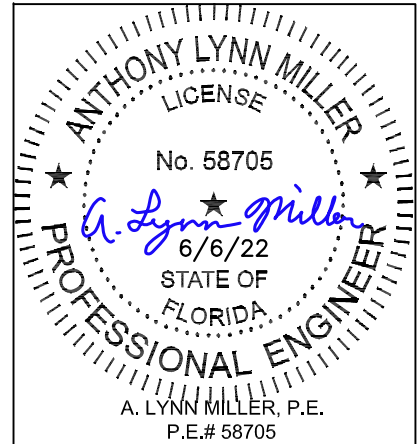


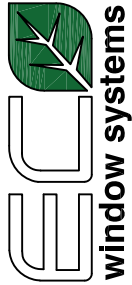


 ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902		Title		Series 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		Date		6/5/2022			
		Series Desc.		OPAQUE PANEL ELEVATION		Drawn By		HONG C.			
		Sheet		SERIES 400		2 OF 20		DWG No.		WW400FPA - LMI	
								Rev.		A	
								REGISTRATION #29296			
								PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600			



TYPICAL ELEVATION



 ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902	SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		REGISTRATION #29296		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600
	Series	Desc.	Title	By	Date
SERIES 400	90 DEGREE INSIDE & OUTSIDE CORNER ELEVATIONS	ECO WINDOW SYSTEMS, LLC.	HONG C.		6/5/2022
Sheet	3 OF 20	DWG	No.	WW400FPA - LMI	Rev. A

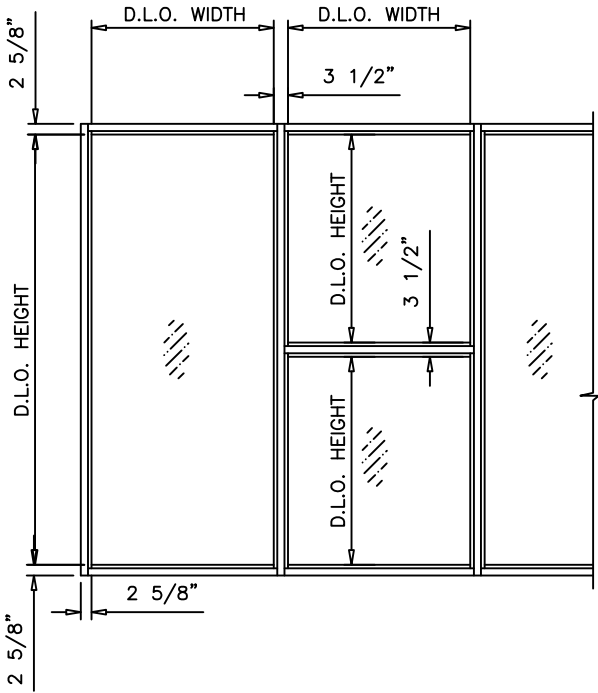
Revision:

--

--

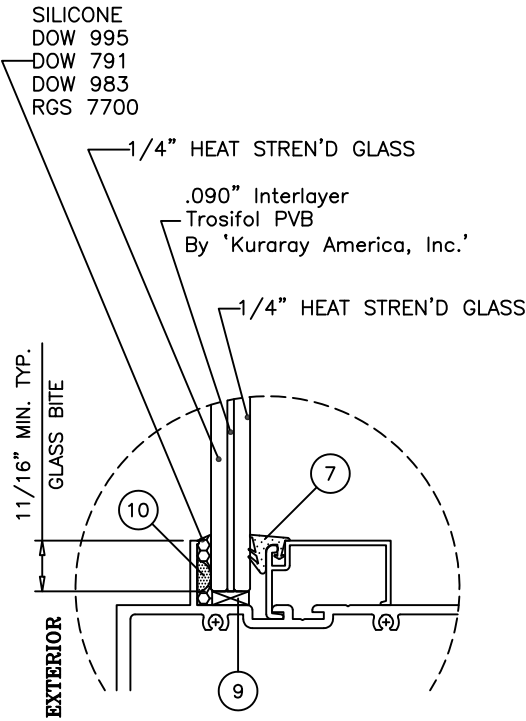
GLASS LOAD CAPACITY – PSF					
NOMINAL DIMS.		GLASS TYPES 'A'		GLASS TYPES 'B' & 'C'	
D.L.O. WIDTH	D.L.O. HEIGHT	POS. (+)	NEG. (-)	POS. (+)	NEG. (-)
26–1/2"	78–3/4"	65.0	75.0	80.0	130.0
32–1/2"		65.0	75.0	80.0	130.0
38–1/2"		65.0	75.0	80.0	130.0
44–1/2"		65.0	75.0	80.0	130.0
50–1/2"		65.0	75.0	80.0	130.0
56–1/2"		65.0	75.0	80.0	130.0
26–1/2"	84–3/4"	65.0	75.0	80.0	130.0
32–1/2"		65.0	75.0	80.0	130.0
38–1/2"		65.0	75.0	80.0	130.0
44–1/2"		65.0	75.0	80.0	130.0
50–1/2"		65.0	75.0	80.0	130.0
56–1/2"		65.0	75.0	80.0	100.0
26–1/2"	90–3/4"	65.0	75.0	80.0	130.0
32–1/2"		65.0	75.0	80.0	130.0
38–1/2"		65.0	75.0	80.0	130.0
44–1/2"		65.0	75.0	80.0	130.0
50"		65.0	75.0	80.0	130.0
50–1/2"		65.0	75.0	80.0	100.0
56–1/2"		65.0	75.0	80.0	100.0
26–1/2"	96–3/4"	65.0	75.0	80.0	130.0
32–1/2"		65.0	75.0	80.0	130.0
38–1/2"		65.0	75.0	80.0	130.0
44–1/2"		65.0	75.0	80.0	130.0
47"		65.0	75.0	80.0	130.0
52–1/2"		65.0	75.0	80.0	100.0
26–1/2"	102–3/4"	65.0	75.0	80.0	130.0
32–1/2"		65.0	75.0	80.0	130.0
38–1/2"		65.0	75.0	80.0	130.0
44"		65.0	75.0	80.0	130.0
44–1/2"		65.0	75.0	80.0	100.0
49"		65.0	75.0	80.0	100.0
50–1/2"		–	–	70.0	70.0
56–1/2"		–	–	70.0	70.0
26–1/2"	108–3/4"	65.0	75.0	80.0	130.0
32–1/2"		65.0	75.0	80.0	130.0
38–1/2"		65.0	75.0	80.0	130.0
41"		65.0	75.0	80.0	130.0
44–1/2"		65.0	75.0	80.0	100.0
47"		65.0	75.0	80.0	100.0
50–1/2"		–	–	70.0	70.0
56–1/2"		–	–	70.0	70.0
26–1/2"	114–3/4"	65.0	75.0	80.0	130.0
32–1/2"		65.0	75.0	80.0	130.0
38–1/2"		65.0	75.0	80.0	130.0
39"		65.0	75.0	80.0	130.0
44–1/2"		65.0	75.0	80.0	100.0
50–1/2"		–	–	70.0	70.0
56–1/2"		–	–	70.0	70.0

GLASS LOAD CAPACITY – PSF					
NOMINAL DIMS.		GLASS TYPES 'A'		GLASS TYPES 'B' & 'C'	
D.L.O. WIDTH	D.L.O. HEIGHT	POS. (+)	NEG. (-)	POS. (+)	NEG. (-)
26–1/2"	120–3/4"	65.0	75.0	80.0	130.0
32–1/2"		65.0	75.0	80.0	130.0
37"		65.0	75.0	80.0	130.0
38–1/2"		65.0	75.0	80.0	100.0
42"		65.0	75.0	80.0	100.0
44–1/2"		–	–	70.0	70.0
50–1/2"		–	–	70.0	70.0
56–1/2"		–	–	70.0	70.0
26–1/2"	126–3/4"	65.0	75.0	80.0	130.0
32–1/2"		65.0	75.0	80.0	130.0
35"		65.0	75.0	80.0	130.0
38–1/2"		65.0	75.0	80.0	100.0
40"		65.0	75.0	80.0	100.0
44–1/2"		–	–	70.0	70.0
50–1/2"		–	–	70.0	70.0
56–1/2"		–	–	70.0	70.0
26–1/2"	150–3/4"	–	–	70.0	70.0
32–1/2"		–	–	70.0	70.0
35"		–	–	70.0	70.0
38–1/2"		–	–	70.0	70.0
40"		–	–	70.0	70.0
44–1/2"		–	–	70.0	70.0
50–1/2"		–	–	70.0	70.0
56–1/2"		–	–	70.0	70.0

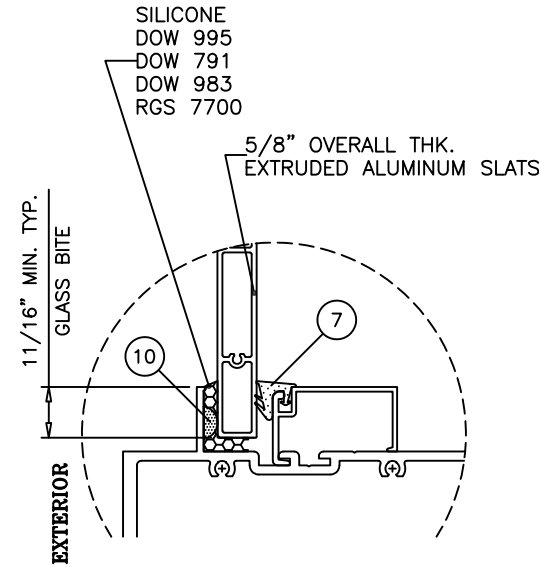


NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300–09 (3 SEC. GUSTS).

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



GLASS TYPE 'A'

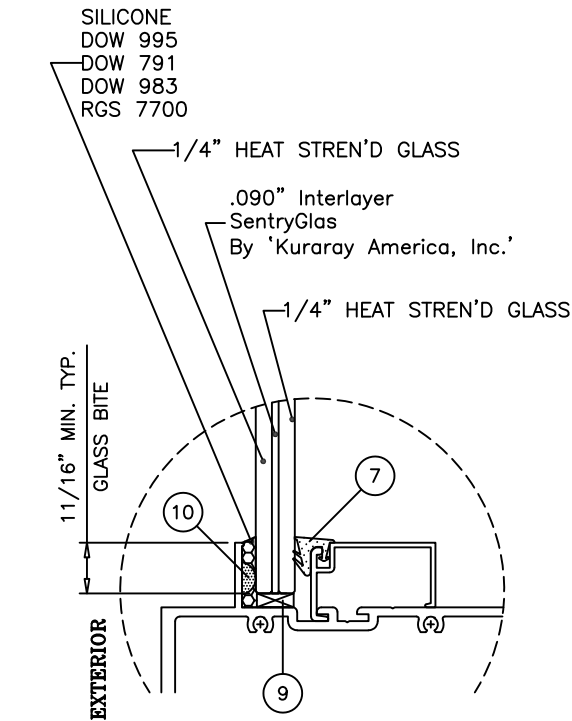


ALUMINUM SLATS

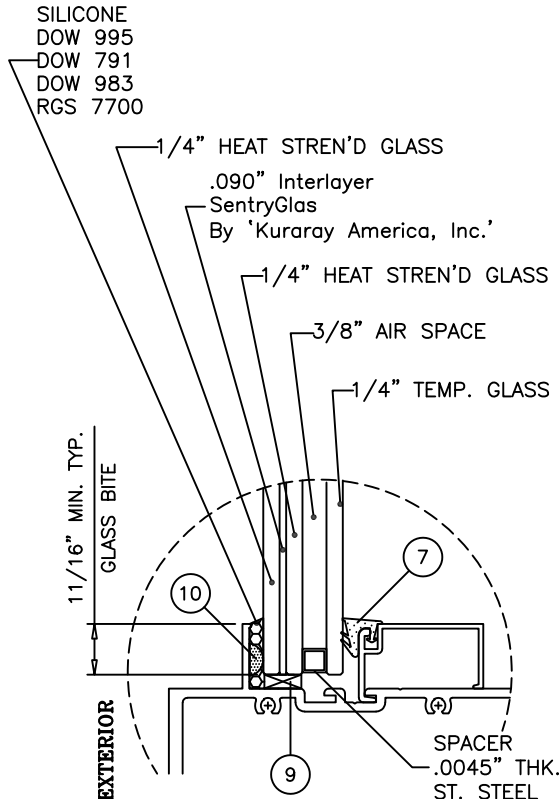
LIMITATIONS:
MAX. SLATS OPG. WIDTH = 44–1/2"
MAX. FRAME HEIGHT = 120 INCHES
MAX. DESIGN LOAD = ± 80.0 PSF

NOT APPROVED FOR
UNSECURED JAMB 'J1' AND MULLION 'M1'

FOR MULLION 'M2' ONLY
LIMIT MAX. POS. LOAD TO +74.8 PSF



GLASS TYPE 'B'



GLASS TYPE 'C'

GLAZING OPTIONS

Revision:

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

REGISTRATION #29296

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

6/5/2022

HONG C.

WW400FPA - LMI

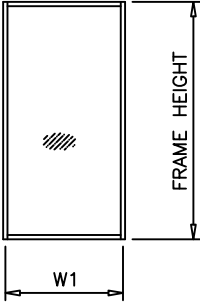
4 OF 20

SERIES 400

GLASS DETAILS & CHART

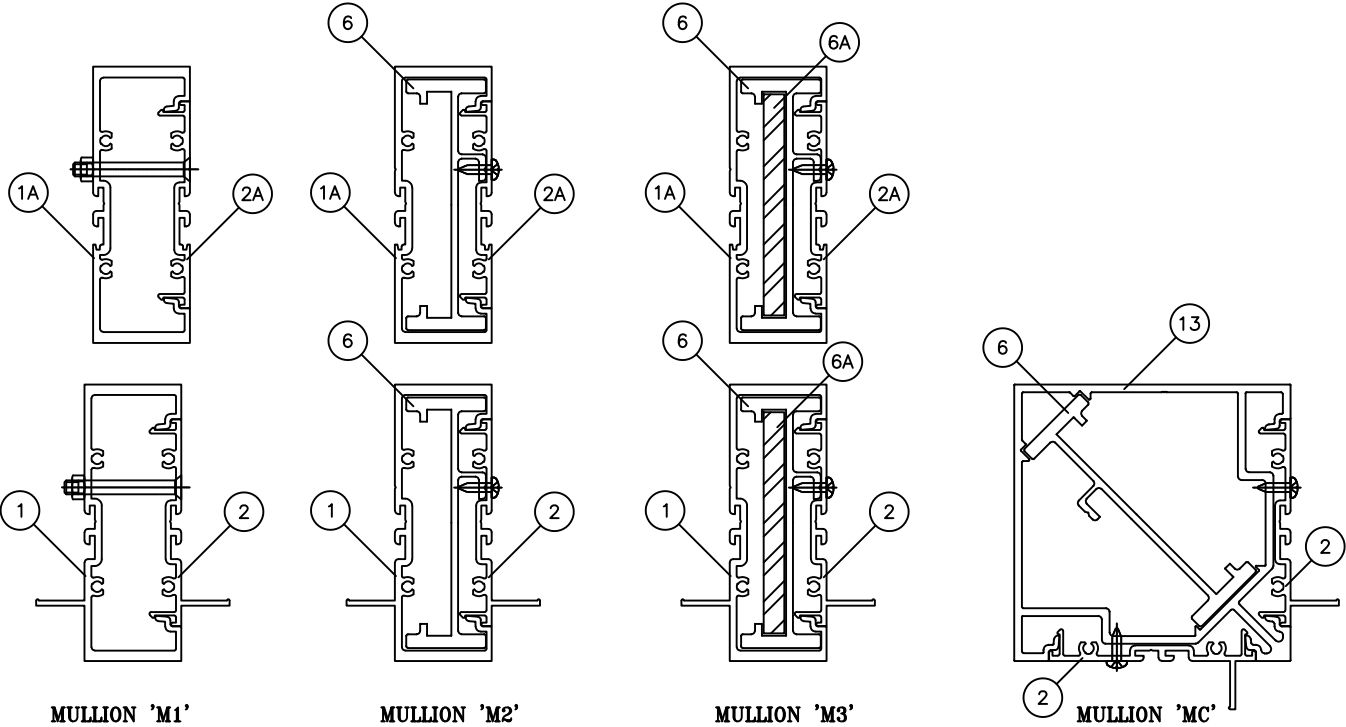
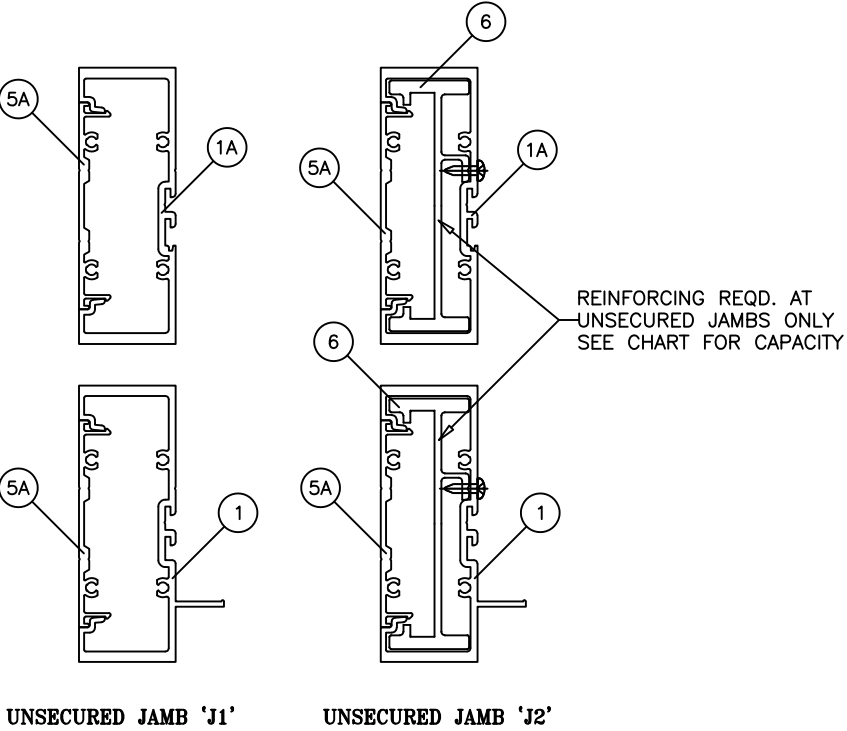
ANTHONY LYNN MILLER
LICENSE
No. 58705
6/6/22
STATE OF
FLORIDA
A. LYNN MILLER, P.E.
P.E.# 58705

JAMB & MULLION LOAD CAPACITY – PSF									
JAMBS & MULLIONS WITHOUT INTERMEDIATE HORIZONTALS									
NOMINAL DIMS.		JAMB 'J1' MULL 'M1'		JAMB 'J2' MULL 'M2'		JAMB 'J2' MULL 'M3'		MULL 'MC'	
WIDTH (W)	FRAME HEIGHT	POS. (+)	NEG. (-)	POS. (+)	NEG. (-)	POS. (+)	NEG. (-)	POS. (+)	NEG. (-)
30"	84"	80.0	100.0	80.0	100.0	80.0	130.0	80.0	120.0
36"		80.0	100.0	80.0	100.0	80.0	130.0	80.0	120.0
42"		80.0	100.0	80.0	100.0	80.0	130.0	80.0	120.0
48"		80.0	100.0	80.0	100.0	80.0	130.0	80.0	120.0
54"		80.0	100.0	80.0	100.0	80.0	130.0	80.0	120.0
60"		80.0	100.0	80.0	100.0	80.0	130.0	80.0	120.0
30"	90"	80.0	100.0	80.0	100.0	80.0	130.0	80.0	120.0
36"		80.0	100.0	80.0	100.0	80.0	130.0	80.0	120.0
42"		80.0	100.0	80.0	100.0	80.0	130.0	80.0	120.0
48"		80.0	100.0	80.0	100.0	80.0	130.0	80.0	120.0
54"		80.0	97.7	80.0	100.0	80.0	130.0	80.0	120.0
60"		80.0	90.9	80.0	100.0	80.0	130.0	80.0	120.0
30"	96"	80.0	100.0	80.0	100.0	80.0	130.0	80.0	120.0
36"		80.0	100.0	80.0	100.0	80.0	130.0	80.0	120.0
42"		80.0	100.0	80.0	100.0	80.0	130.0	80.0	120.0
48"		80.0	92.1	80.0	100.0	80.0	130.0	80.0	120.0
54"		80.0	83.9	80.0	100.0	80.0	130.0	80.0	120.0
60"		77.7	77.7	80.0	100.0	80.0	130.0	80.0	120.0
30"	102"	80.0	100.0	80.0	100.0	80.0	130.0	80.0	120.0
36"		80.0	100.0	80.0	100.0	80.0	130.0	80.0	120.0
42"		80.0	90.1	80.0	100.0	80.0	130.0	80.0	120.0
48"		80.0	80.2	80.0	100.0	80.0	130.0	80.0	120.0
54"		72.9	72.9	80.0	100.0	80.0	130.0	80.0	120.0
56"		70.8	70.8	80.0	100.0	80.0	130.0	80.0	120.0
60"		–	–	–	–	80.0	130.0	80.0	120.0
30"	108"	80.0	100.0	80.0	100.0	80.0	130.0	80.0	120.0
36"		80.0	91.3	80.0	100.0	80.0	130.0	80.0	120.0
42"		79.3	79.3	80.0	100.0	80.0	130.0	80.0	120.0
48"		70.5	70.5	80.0	100.0	80.0	130.0	80.0	120.0
53"		64.8	64.8	80.0	99.5	80.0	125.3	80.0	120.0
54"		–	–	–	–	80.0	123.4	80.0	120.0
56"		–	–	–	–	80.0	120.0	80.0	120.0
60"		–	–	–	–	80.0	113.4	–	–
30"	114"	80.0	96.4	80.0	100.0	80.0	100.0	80.0	120.0
36"		80.0	81.1	80.0	100.0	80.0	100.0	80.0	120.0
42"		70.4	70.4	80.0	100.0	80.0	100.0	80.0	120.0
48"		62.4	62.4	80.0	95.6	80.0	100.0	80.0	120.0
50"		60.3	60.3	80.0	92.3	80.0	100.0	80.0	120.0
54"		–	–	–	–	80.0	80.0	80.0	120.0
60"		–	–	–	–	80.0	80.0	–	–
30"	120"	80.0	82.4	80.0	100.0	80.0	100.0	80.0	120.0
36"		69.5	69.5	80.0	100.0	80.0	100.0	80.0	120.0
42"		60.3	60.3	80.0	96.0	80.0	100.0	80.0	120.0
48"		53.6	53.6	80.0	85.1	80.0	100.0	80.0	120.0
51–7/8"		–	–	–	–	80.0	80.0	80.0	120.0
54"		–	–	–	–	80.0	80.0	–	–
60"		–	–	–	–	80.0	80.0	–	–
30"	126"	–	–	–	–	80.0	80.0	–	–
36"		–	–	–	–	80.0	80.0	–	–
42"		–	–	–	–	80.0	80.0	–	–
30"	132"	–	–	–	–	80.0	80.0	–	–
36"		–	–	–	–	80.0	80.0	–	–
42"		–	–	–	–	80.0	80.0	–	–



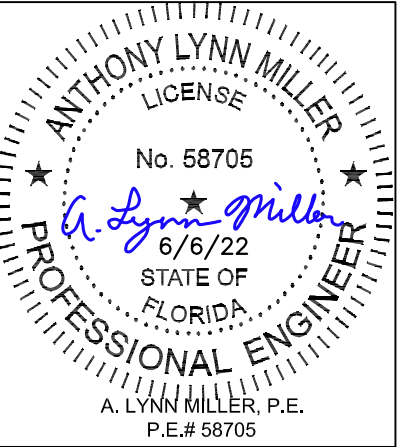
WIDTH (W) = W1
AT FRAME JAMB

WIDTH (W) = $\frac{W2 + W3}{2}$
AT FRAME MULLION

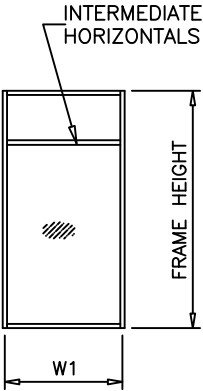


Revision:

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		6/5/2022	HONG C.	A	
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902		SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		JAMB AND MULLION CHART	WW400FPA - LMI	Rev.	
ECO window systems		JAMB AND MULLION CHART					
SERIES 400		5 OF 20		Sheet		Dwg	
SERIES 400		5 OF 20		Title			

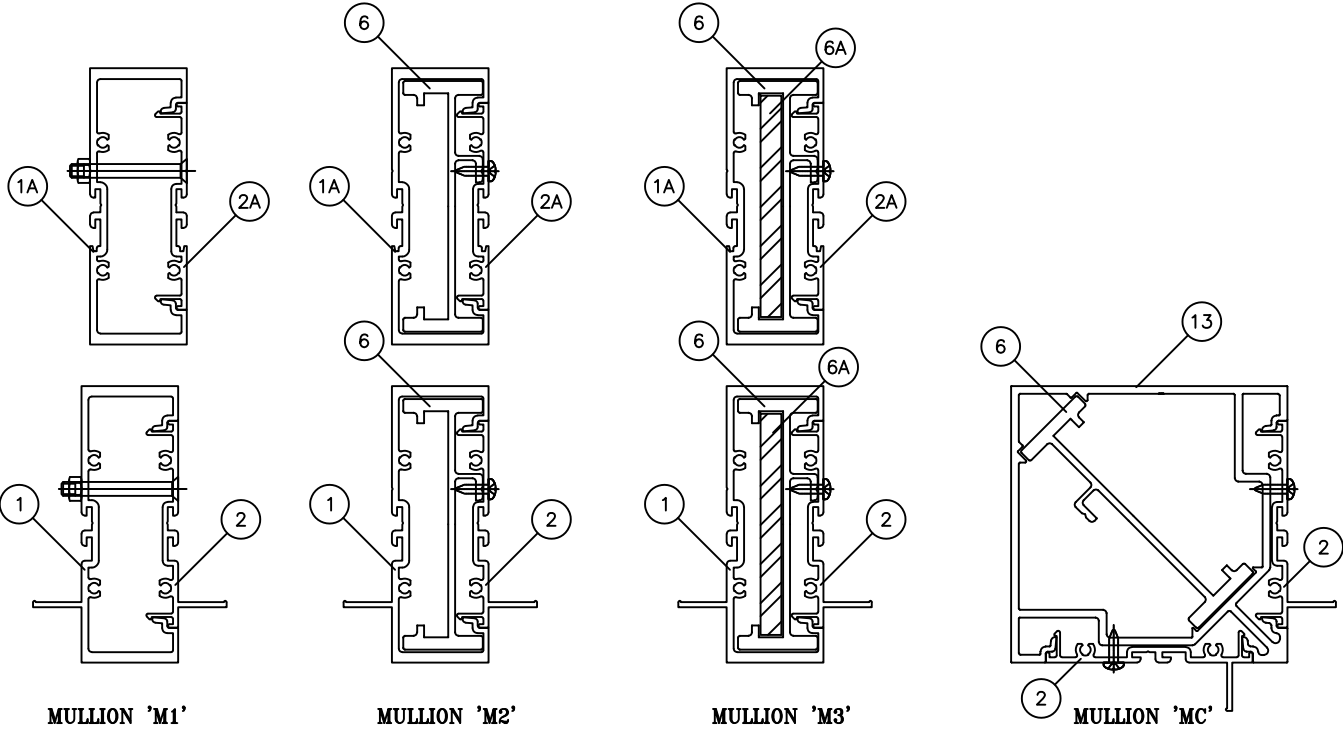
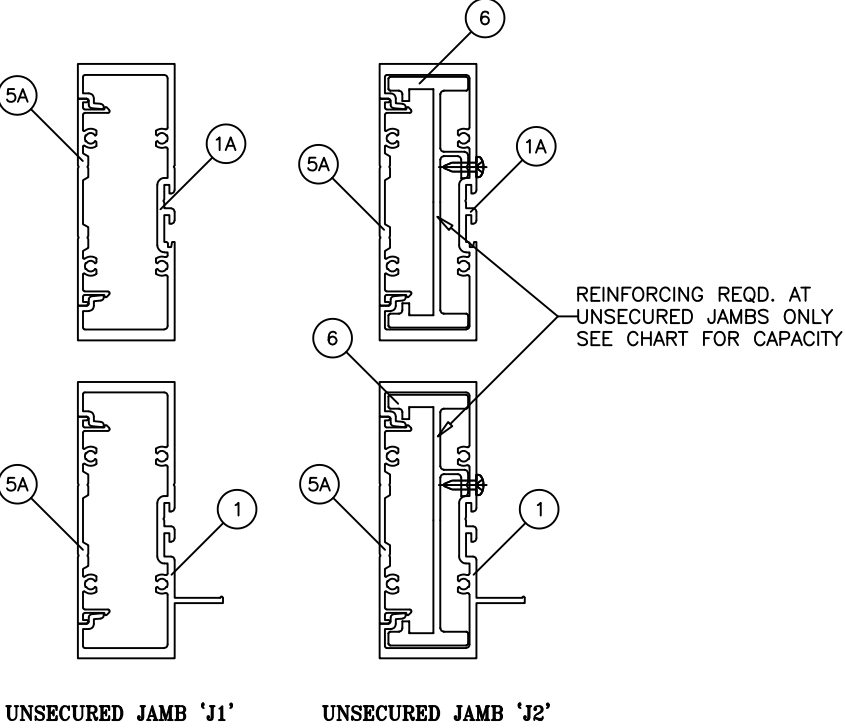
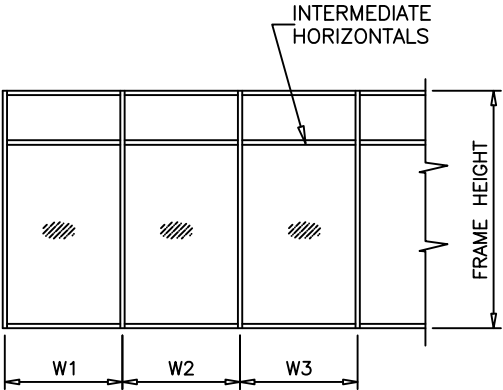


JAMB & MULLION LOAD CAPACITY – PSF									
JAMBS & MULLIONS WITH INTERMEDIATE HORIZONTALS									
NOMINAL DIMS.		JAMB 'J1' MULL 'M1'		JAMB 'J2' MULL 'M2'		JAMB 'J2' MULL 'M3'		MULL 'MC'	
WIDTH (W)	FRAME HEIGHT	POS. (+)	NEG. (-)	POS. (+)	NEG. (-)	POS. (+)	NEG. (-)	POS. (+)	NEG. (-)
30"	84"	80.0	100.0	80.0	100.0	80.0	130.0	80.0	120.0
36"		80.0	100.0	80.0	100.0	80.0	130.0	80.0	120.0
42"		80.0	100.0	80.0	100.0	80.0	130.0	80.0	120.0
48"		80.0	100.0	80.0	100.0	80.0	130.0	80.0	120.0
54"		80.0	99.6	80.0	100.0	80.0	130.0	80.0	120.0
60"		80.0	89.7	80.0	100.0	80.0	130.0	80.0	120.0
30"	90"	80.0	100.0	80.0	100.0	80.0	130.0	80.0	120.0
36"		80.0	100.0	80.0	100.0	80.0	130.0	80.0	120.0
42"		80.0	100.0	80.0	100.0	80.0	130.0	80.0	120.0
48"		80.0	100.0	80.0	100.0	80.0	130.0	80.0	120.0
54"		80.0	86.2	80.0	100.0	80.0	130.0	80.0	120.0
60"		77.6	77.6	80.0	100.0	80.0	130.0	80.0	120.0
30"	96"	80.0	100.0	80.0	100.0	80.0	130.0	80.0	120.0
36"		80.0	100.0	80.0	100.0	80.0	130.0	80.0	120.0
42"		80.0	96.7	80.0	100.0	80.0	130.0	80.0	120.0
48"		80.0	84.6	80.0	100.0	80.0	130.0	80.0	120.0
54"		75.2	75.2	80.0	100.0	80.0	130.0	80.0	120.0
60"		67.7	67.7	80.0	100.0	80.0	129.1	80.0	120.0
30"	102"	80.0	100.0	80.0	100.0	80.0	130.0	80.0	120.0
36"		80.0	99.3	80.0	100.0	80.0	130.0	80.0	120.0
42"		80.0	85.1	80.0	100.0	80.0	130.0	80.0	120.0
48"		74.5	74.5	80.0	100.0	80.0	130.0	80.0	120.0
54"		66.2	66.2	80.0	100.0	80.0	127.1	80.0	120.0
56"		63.8	63.8	80.0	98.1	80.0	122.5	80.0	120.0
60"		–	–	–	–	80.0	114.3	80.0	120.0
30"	108"	80.0	100.0	80.0	100.0	80.0	130.0	80.0	120.0
36"		80.0	88.0	80.0	100.0	80.0	130.0	80.0	120.0
42"		75.4	75.4	80.0	100.0	80.0	130.0	80.0	120.0
48"		66.0	66.0	80.0	100.0	80.0	127.5	80.0	120.0
53"		59.8	59.8	80.0	91.7	80.0	115.5	80.0	120.0
54"		–	–	–	–	80.0	114.0	80.0	120.0
56"		–	–	–	–	80.0	113.3	80.0	120.0
60"		–	–	–	–	80.0	102.0	–	–
30"	114"	80.0	94.0	80.0	100.0	80.0	100.0	80.0	120.0
36"		78.3	78.3	80.0	100.0	80.0	100.0	80.0	120.0
42"		67.1	67.1	80.0	100.0	80.0	100.0	80.0	120.0
48"		58.7	58.7	80.0	90.1	80.0	100.0	80.0	120.0
50"		56.4	56.4	80.0	86.5	80.0	100.0	80.0	120.0
54"		–	–	–	–	80.0	80.0	80.0	120.0
60"		–	–	–	–	80.0	80.0	–	–
30"	120"	80.0	80.6	80.0	100.0	80.0	100.0	80.0	120.0
36"		67.1	67.1	80.0	100.0	80.0	100.0	80.0	120.0
42"		57.5	57.5	80.0	92.2	80.0	100.0	80.0	120.0
48"		50.4	50.4	80.0	80.7	80.0	100.0	80.0	120.0
51 – 7/8"		–	–	–	–	80.0	100.0	80.0	120.0
54"		–	–	–	–	80.0	80.0	–	–
60"		–	–	–	–	80.0	80.0	–	–
30"	126"	–	–	–	–	80.0	80.0	–	–
36"		–	–	–	–	80.0	80.0	–	–
42"		–	–	–	–	80.0	80.0	–	–
48"		–	–	–	–	80.0	80.0	–	–
54"		–	–	–	–	80.0	80.0	–	–
60"		–	–	–	–	74.9	74.9	–	–
30"	132"	–	–	–	–	80.0	80.0	–	–
36"		–	–	–	–	80.0	80.0	–	–
42"		–	–	–	–	80.0	80.0	–	–
48"		–	–	–	–	80.0	80.0	–	–
54"		–	–	–	–	75.9	75.9	–	–
60"		–	–	–	–	68.3	68.3	–	–



WIDTH (W) = W1
AT FRAME JAMB

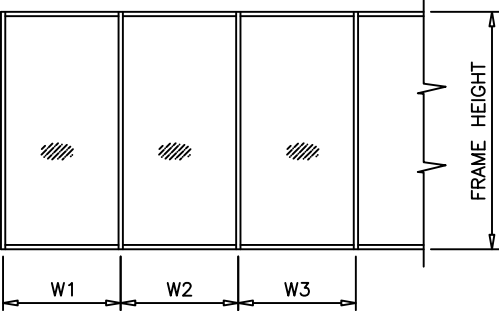
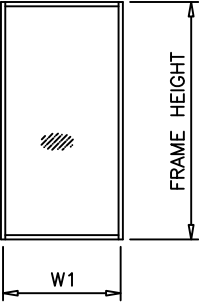
WIDTH (W) = $\frac{W2 + W3}{2}$
AT FRAME MULLION



Revision:

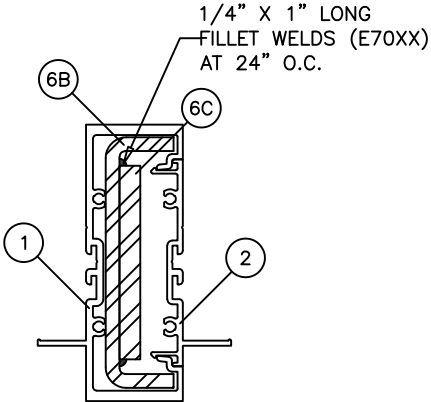
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		6/5/2022	HONG C.	Rev.	A		
						DWG	WW400FPA - LMI		
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902		SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		JAMB AND MULLION CHART CONT.	6 OF 20	Series	Desc.		
window systems		SERIES 400		6 OF 20		Sheet			
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902		SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		JAMB AND MULLION CHART CONT.		Series			
window systems		SERIES 400		6 OF 20		Sheet			
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902		SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		JAMB AND MULLION CHART CONT.		Series			
window systems		SERIES 400		6 OF 20		Sheet			
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902		SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		JAMB AND MULLION CHART CONT.		Series			
window systems		SERIES 400		6 OF 20		Sheet			
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902		SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		JAMB AND MULLION CHART CONT.		Series			
window systems		SERIES 400		6 OF 20		Sheet			
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902		SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		JAMB AND MULLION CHART CONT.		Series			
window systems		SERIES 400		6 OF 20		Sheet			
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902		SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		JAMB AND MULLION CHART CONT.		Series			
window systems		SERIES 400		6 OF 20		Sheet			
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902		SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		JAMB AND MULLION CHART CONT.		Series			
window systems		SERIES 400		6 OF 20		Sheet			
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902		SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		JAMB AND MULLION CHART CONT.		Series			
window systems		SERIES 400		6 OF 20		Sheet			
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902		SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		JAMB AND MULLION CHART CONT.		Series			
window systems		SERIES 400		6 OF 20		Sheet			
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902		SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		JAMB AND MULLION CHART CONT.		Series			
window systems		SERIES 400		6 OF 20		Sheet			
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902		SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		JAMB AND MULLION CHART CONT.		Series			
window systems		SERIES 400		6 OF 20		Sheet			
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902		SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		JAMB AND MULLION CHART CONT.		Series			
window systems		SERIES 400		6 OF 20		Sheet			
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902		SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		JAMB AND MULLION CHART CONT.		Series			
window systems		SERIES 400		6 OF 20		Sheet			
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902		SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		JAMB AND MULLION CHART CONT.		Series			
window systems		SERIES 400		6 OF 20		Sheet			
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902		SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		JAMB AND MULLION CHART CONT.		Series			
window systems		SERIES 400		6 OF 20		Sheet			
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902		SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		JAMB AND MULLION CHART CONT.		Series			
window systems		SERIES 400		6 OF 20		Sheet			
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902		SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		JAMB AND MULLION CHART CONT.		Series			
window systems		SERIES 400		6 OF 20		Sheet			
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902		SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		JAMB AND MULLION CHART CONT.		Series			
window systems		SERIES 400		6 OF 20		Sheet			
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL: (305) 885-5299 FAX: (305) 885-5902		SERIES							

MULLION LOAD CAPACITY – PSF			
MULLIONS WITHOUT INTERMEDIATE HORIZONTALS			
NOMINAL DIMS.		MULL 'M4'	
WIDTH (W)	FRAME HEIGHT	POS. (+)	NEG. (-)
30"	132"	70.0	70.0
36"		70.0	70.0
42"		70.0	70.0
48"		70.0	70.0
54"		70.0	70.0
60"		70.0	70.0
30"	144"	70.0	70.0
36"		70.0	70.0
42"		70.0	70.0
48"		70.0	70.0
54"		70.0	70.0
60"		64.2	64.2
30"	150"	70.0	70.0
36"		70.0	70.0
42"		70.0	70.0
48"		68.9	68.9
54"		62.0	62.0
60"		56.5	56.5
30"	156"	70.0	70.0
36"		70.0	70.0
42"		69.2	69.2
48"		61.1	61.1
54"		54.9	54.9
60"		50.0	50.0



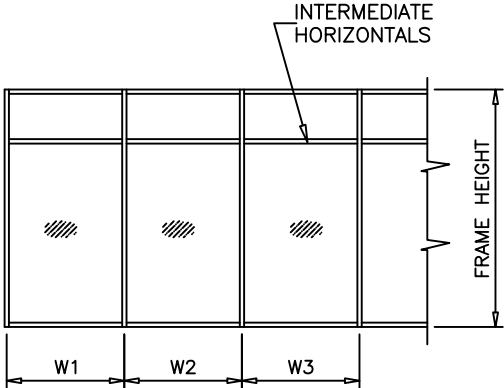
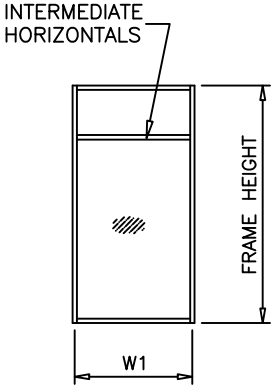
WIDTH (W) = W1
AT FRAME JAMB

WIDTH (W) = $\frac{W2 + W3}{2}$
AT FRAME MULLION



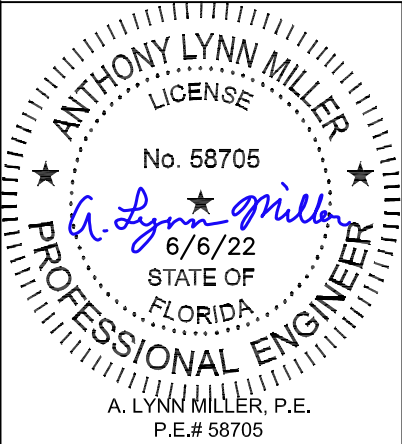
MULLION 'M4'

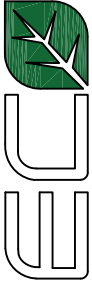
MULLION LOAD CAPACITY – PSF			
MULLIONS WITH INTERMEDIATE HORIZONTALS			
NOMINAL DIMS.		MULL 'M4'	
WIDTH (W)	FRAME HEIGHT	POS. (+)	NEG. (-)
30"	132"	70.0	70.0
36"		70.0	70.0
42"		70.0	70.0
48"		70.0	70.0
54"		70.0	70.0
60"		70.0	70.0
30"	144"	70.0	70.0
36"		70.0	70.0
42"		70.0	70.0
48"		70.0	70.0
54"		66.6	66.6
60"		60.0	60.0
30"	150"	70.0	70.0
36"		70.0	70.0
42"		70.0	70.0
48"		66.3	66.3
54"		58.9	58.9
60"		53.0	53.0
30"	156"	70.0	70.0
36"		70.0	70.0
42"		67.4	67.4
48"		58.9	58.9
54"		52.4	52.4
60"		47.2	47.2



WIDTH (W) = W1
AT FRAME JAMB

WIDTH (W) = $\frac{W2 + W3}{2}$
AT FRAME MULLION



 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 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		Date	6/5/2022	
Series Desc.		STEEL MULLION CHART		Drawn By	HONG C.
Sheet		7 OF 20		DWG No.	WW400FPA - LMI
Series		SERIES 400		Rev. A	

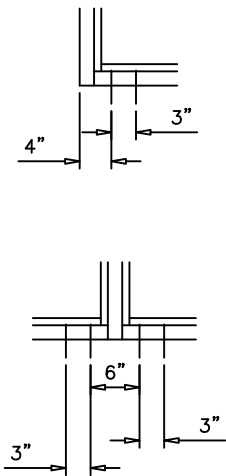
Revision:

--

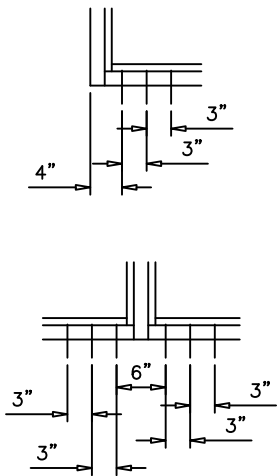
--

ANCHOR LOAD CAPACITY – PSF							
POS. (+) & NEG. (–)							
NOMINAL DIMS.		ANCHOR TYPE 'A'			ANCHOR TYPE 'B' & 'C'		
WIDTH (W)	FRAME HEIGHT	A2	A3	A4	B2/C2	B3/C3	B4/C4
30"	84"	123.0	130.0	130.0	130.0	130.0	130.0
36"		102.5	130.0	130.0	130.0	130.0	130.0
42"		87.8	130.0	130.0	112.3	130.0	130.0
48"		76.9	115.3	130.0	98.3	130.0	130.0
54"		68.3	102.5	130.0	87.4	130.0	130.0
60"		61.5	92.2	123.0	78.6	117.9	130.0
30"	90"	114.8	130.0	130.0	130.0	130.0	130.0
36"		95.6	130.0	130.0	122.3	130.0	130.0
42"		82.0	123.0	130.0	104.8	130.0	130.0
48"		71.7	107.6	130.0	91.7	130.0	130.0
54"		63.8	95.6	127.5	81.5	122.3	130.0
60"		57.4	86.1	114.8	73.4	110.1	130.0
30"	96"	107.6	130.0	130.0	130.0	130.0	130.0
36"		89.7	130.0	130.0	114.7	130.0	130.0
42"		76.9	115.3	130.0	98.3	130.0	130.0
48"		67.3	100.9	130.0	86.0	129.0	130.0
54"		59.8	89.7	119.6	76.4	114.7	130.0
60"		53.8	80.7	107.6	68.8	103.2	130.0
30"	102"	101.3	130.0	130.0	129.5	130.0	130.0
36"		84.4	126.6	130.0	107.9	130.0	130.0
42"		72.3	108.5	130.0	92.5	130.0	130.0
48"		63.3	94.9	126.6	80.9	121.4	130.0
54"		56.3	84.4	112.5	71.9	107.9	130.0
60"		50.6	76.0	101.3	64.8	97.1	129.5
30"	108"	95.6	130.0	130.0	122.3	130.0	130.0
36"		79.7	119.6	130.0	101.9	130.0	130.0
42"		68.3	102.5	130.0	87.4	130.0	130.0
48"		59.8	89.7	119.6	76.4	114.7	130.0
54"		53.1	79.7	106.3	68.0	101.9	130.0
60"		47.8	71.7	95.6	61.2	91.7	122.3
30"	114"	90.6	130.0	130.0	115.9	130.0	130.0
36"		75.5	113.3	130.0	96.6	130.0	130.0
42"		64.7	97.1	129.4	82.8	124.2	130.0
48"		56.6	84.9	113.3	72.4	108.6	130.0
54"		50.3	75.5	100.7	64.4	96.6	128.7
60"		45.3	68.0	90.6	57.9	86.9	115.9
30"	120"	86.1	129.1	130.0	110.1	130.0	130.0
36"		71.7	107.6	130.0	91.7	130.0	130.0
42"		61.5	92.2	123.0	78.6	117.9	130.0
48"		53.8	80.7	107.6	68.8	103.2	130.0
54"		47.8	71.7	95.6	61.2	91.7	122.3
60"		43.0	64.6	86.1	55.0	82.6	110.1
30"	126"	82.0	123.0	130.0	104.8	130.0	130.0
36"		68.3	102.5	130.0	87.4	130.0	130.0
42"		58.6	87.8	117.1	74.9	112.3	130.0
48"		51.2	76.9	102.5	65.5	98.3	130.0
54"		45.5	68.3	91.1	58.2	87.4	116.5
60"		41.0	61.5	82.0	52.4	78.6	104.8

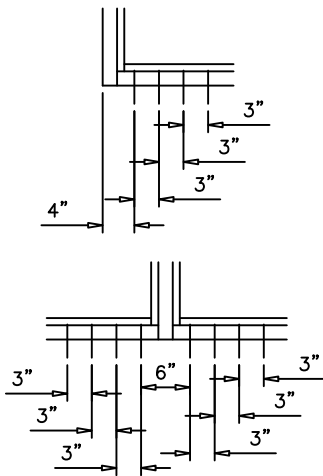
ANCHOR LOAD CAPACITY – PSF							
POS. (+) & NEG. (–)							
NOMINAL DIMS.		ANCHOR TYPE 'A'			ANCHOR TYPE 'B' & 'C'		
WIDTH (W)	FRAME HEIGHT	A2	A3	A4	B2/C2	B3/C3	B4/C4
30"	132"	78.3	117.4	130.0	100.1	130.0	130.0
36"		65.2	97.8	130.0	83.4	125.1	130.0
42"		55.9	83.8	111.8	71.5	107.2	130.0
48"		48.9	73.4	97.8	62.5	93.8	125.1
54"		43.5	65.2	86.9	55.6	83.4	111.2
60"		39.1	58.7	78.3	50.0	75.1	100.1
30"	144"	70.0	70.0	70.0	70.0	70.0	70.0
36"		59.8	70.0	70.0	70.0	70.0	70.0
42"		51.2	70.0	70.0	65.5	70.0	70.0
48"		44.8	67.3	70.0	57.3	70.0	70.0
54"		39.9	59.8	70.0	51.0	70.0	70.0
60"		35.9	53.8	70.0	45.9	68.8	70.0
30"	150"	68.9	70.0	70.0	70.0	70.0	70.0
36"		57.4	70.0	70.0	70.0	70.0	70.0
42"		49.2	70.0	70.0	62.9	70.0	70.0
48"		43.0	64.6	70.0	55.0	70.0	70.0
54"		38.3	57.4	70.0	48.9	70.0	70.0
60"		34.4	51.6	68.9	44.0	66.0	70.0
30"	156"	66.2	70.0	70.0	70.0	70.0	70.0
36"		55.2	70.0	70.0	70.0	70.0	70.0
42"		47.3	70.0	70.0	60.5	70.0	70.0
48"		41.4	62.1	70.0	52.9	70.0	70.0
54"		36.8	55.2	70.0	47.0	70.0	70.0
60"		33.1	49.7	66.2	42.3	63.5	70.0



A2, B2, C2



A3, B3, C3



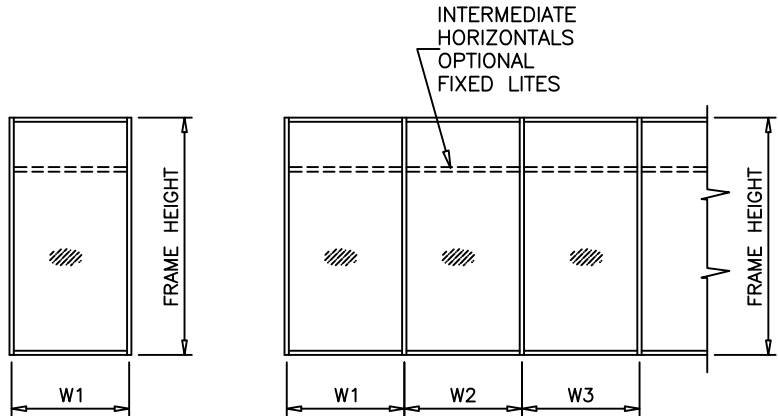
A4, B4, C4

ANCHORS TYPES: SEE SHEET 11 FOR DESCRIPTION

A2 = (2) ANCHORS TYPE 'A' AT EACH SIDE OF JAMB AND MULLION
B2 = (2) ANCHORS TYPE 'B' AT EACH SIDE OF JAMB AND MULLION
C2 = (2) ANCHORS TYPE 'C' AT EACH SIDE OF JAMB AND MULLION

A3 = (3) ANCHORS TYPE 'A' AT EACH SIDE OF JAMB AND MULLION
B3 = (3) ANCHORS TYPE 'B' AT EACH SIDE OF JAMB AND MULLION
C3 = (3) ANCHORS TYPE 'C' AT EACH SIDE OF JAMB AND MULLION

A4 = (4) ANCHORS TYPE 'A' AT EACH SIDE OF JAMB AND MULLION
B4 = (4) ANCHORS TYPE 'B' AT EACH SIDE OF JAMB AND MULLION
C4 = (4) ANCHORS TYPE 'C' AT EACH SIDE OF JAMB AND MULLION



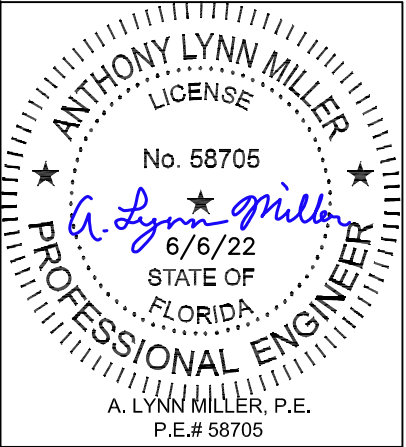
WIDTH (W) = W1
AT FRAME JAMB

WIDTH (W) = $\frac{W2 + W3}{2}$
AT FRAME MULLION

NOTE:
USE SHEAR CLIP UW-403 AT
ANCHOR LOCATIONS OF SUFFICIENT LENGTH
TO COVER ALL ANCHOR SPACINGS

Revision:

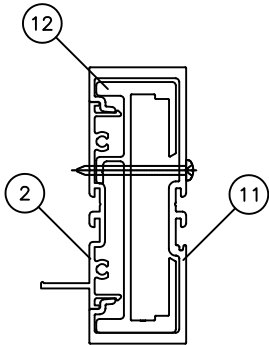
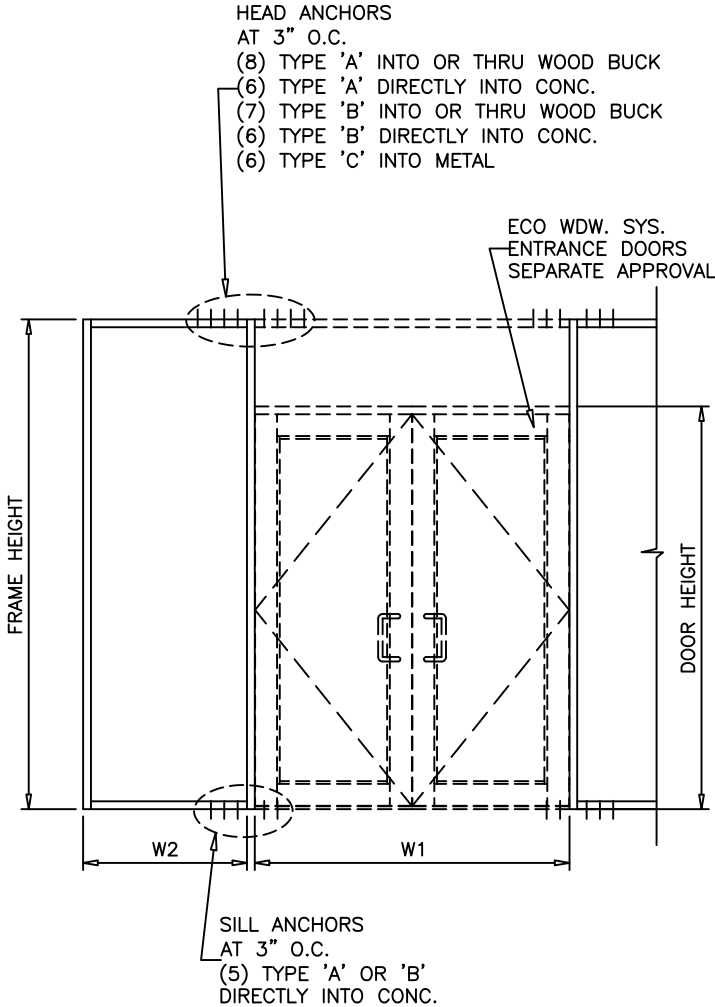
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	6/5/2022	HONG C.	WW400FPA - LMI	A
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902	SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)	ANCHOR SPACING AND CAPACITIES	DWC	8 OF 20	A
window systems	SERIES 400	ANCHOR SPACING AND CAPACITIES	DWC	8 OF 20	A



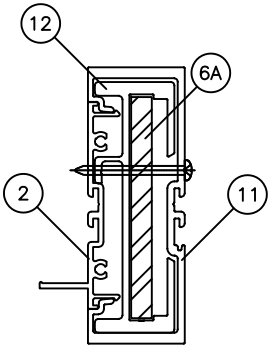
DOOR MULLION LOAD CAPACITY – PSF							
NOMINAL DIMS.				ALUMINUM REINF.		ALUM. + STEEL REINF.	
WIDTH (W1)	WIDTH (W2)	FRAME HEIGHT	DOOR HEIGHT	POS. (+)	NEG. (-)	POS. (+)	NEG. (-)
85–3/4"	30"	108"	84"	70.0	80.0	70.0	80.0
	36"			70.0	80.0	70.0	80.0
	42"			70.0	80.0	70.0	80.0
	48"			70.0	80.0	70.0	80.0
	54"			70.0	80.0	70.0	80.0
	59"			70.0	80.0	70.0	80.0
	30"	114"		70.0	80.0	70.0	80.0
	36"			70.0	80.0	70.0	80.0
	42"			70.0	80.0	70.0	80.0
	48"			70.0	77.8	70.0	80.0
	54"			70.0	74.2	70.0	80.0
	56"			70.0	73.0	70.0	80.0
	30"	120"		70.0	80.0	70.0	80.0
	36"			70.0	75.8	70.0	80.0
	42"			70.0	72.1	70.0	80.0
	48"			68.6	68.6	70.0	80.0
	53"			66.0	66.0	70.0	77.5
	30"	126"		70.0	70.5	70.0	80.0
	36"			68.5	66.5	70.0	79.3
	42"			63.0	63.0	70.0	75.4
	48"			59.8	59.8	70.0	71.9
	51"			58.3	58.3	70.0	70.3
	30"	132"		60.0	60.0	70.0	75.1
	36"			56.6	56.6	70.0	71.3
	42"			53.7	53.7	67.9	67.9
	48"			51.0	51.0	64.7	64.7
85–3/4"	30"	108"	90"	60.0	60.0	70.0	80.0
	36"			60.0	60.0	70.0	80.0
	42"			60.0	60.0	70.0	80.0
	48"			60.0	60.0	70.0	80.0
	54"			60.0	60.0	70.0	80.0
	59"			60.0	60.0	70.0	80.0
	30"	114"		60.0	60.0	70.0	80.0
	36"			60.0	60.0	70.0	80.0
	42"			60.0	60.0	70.0	80.0
	48"			60.0	60.0	70.0	80.0
	54"			60.0	60.0	70.0	80.0
	56"			60.0	60.0	70.0	80.0
	30"	120"		60.0	60.0	70.0	80.0
	36"			60.0	60.0	70.0	80.0
	42"			60.0	60.0	70.0	80.0
	48"			60.0	60.0	70.0	80.0
	53"			60.0	60.0	70.0	79.9
	30"	126"		60.0	60.0	70.0	80.0
	36"			60.0	60.0	70.0	80.0
	42"			60.0	60.0	70.0	77.4
	48"			60.0	60.0	70.0	73.7
	51"			60.0	60.0	70.0	72.0
	30"	132"		60.0	60.0	70.0	76.8
	36"			58.6	58.6	70.0	72.8
	42"			55.4	55.4	69.2	69.2
	48"			52.5	52.5	66.0	66.0

DOOR MULLION LOAD CAPACITY – PSF							
NOMINAL DIMS.				ALUMINUM REINF.		ALUM. + STEEL REINF.	
WIDTH (W1)	WIDTH (W2)	FRAME HEIGHT	DOOR HEIGHT	POS. (+)	NEG. (-)	POS. (+)	NEG. (-)
85–3/4"	30"	108"	96"	60.0	60.0	70.0	80.0
	36"			60.0	60.0	70.0	80.0
	42"			60.0	60.0	70.0	80.0
	48"			60.0	60.0	70.0	80.0
	54"			60.0	60.0	70.0	80.0
	59"			60.0	60.0	70.0	80.0
	30"	114"		60.0	60.0	70.0	80.0
	36"			60.0	60.0	70.0	80.0
	42"			60.0	60.0	70.0	80.0
	48"			60.0	60.0	70.0	80.0
	54"			60.0	60.0	70.0	80.0
	56"			60.0	60.0	70.0	80.0
	30"	120"		60.0	60.0	70.0	80.0
	36"			60.0	60.0	70.0	80.0
	42"			60.0	60.0	70.0	80.0
	48"			60.0	60.0	70.0	80.0
	53"			60.0	60.0	70.0	80.0
	30"	126"		60.0	60.0	70.0	80.0
	36"			60.0	60.0	70.0	80.0
	42"			60.0	60.0	70.0	80.0
	48"			60.0	60.0	70.0	76.0
	51"			60.0	60.0	70.0	74.2
	30"	132"		60.0	60.0	70.0	79.1
	36"			60.0	60.0	70.0	74.9
	42"			57.6	57.6	70.0	71.1
	48"			54.5	54.5	67.7	67.7
85–3/4"	30"	108"	102"	60.0	60.0	70.0	80.0
	36"			60.0	60.0	70.0	80.0
	42"			60.0	60.0	70.0	80.0
	48"			60.0	60.0	70.0	80.0
	54"			60.0	60.0	70.0	80.0
	59"			60.0	60.0	70.0	80.0
	30"	114"		60.0	60.0	70.0	80.0
	36"			60.0	60.0	70.0	80.0
	42"			60.0	60.0	70.0	80.0
	48"			60.0	60.0	70.0	80.0
	54"			60.0	60.0	70.0	80.0
	56"			60.0	60.0	70.0	80.0
	30"	120"		60.0	60.0	70.0	80.0
	36"			60.0	60.0	70.0	80.0
	42"			60.0	60.0	70.0	80.0
	48"			60.0	60.0	70.0	80.0
	53"			60.0	60.0	70.0	80.0
	30"	126"		60.0	60.0	70.0	80.0
	36"			60.0	60.0	70.0	80.0
	42"			60.0	60.0	70.0	80.0
	48"			60.0	60.0	70.0	79.1
	51"			60.0	60.0	70.0	77.1
	30"	132"		60.0	60.0	70.0	80.0
	36"			60.0	60.0	70.0	77.5
	42"			60.0	60.0	70.0	73.5
	48"			56.9	56.9	69.9	69.9

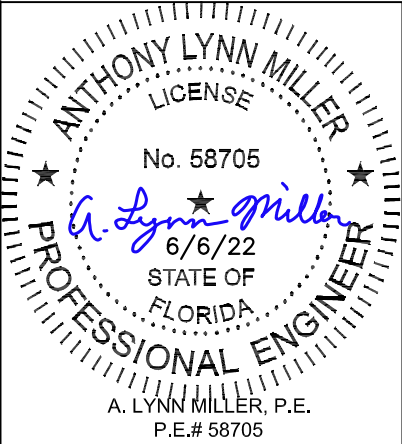
DOOR MULLION LOAD CAPACITY – PSF							
NOMINAL DIMS.				ALUMINUM REINF.		ALUM. + STEEL REINF.	
WIDTH (W1)	WIDTH (W2)	FRAME HEIGHT	DOOR HEIGHT	POS. (+)	NEG. (-)	POS. (+)	NEG. (-)
85–3/4"	30"	108"	108"	60.0	60.0	70.0	80.0
	36"			60.0	60.0	70.0	80.0
	42"			60.0	60.0	70.0	80.0
	48"			60.0	60.0	70.0	80.0
	54"			60.0	60.0	70.0	80.0
	59"			60.0	60.0	70.0	80.0
	30"	114"		60.0	60.0	70.0	80.0
	36"			60.0	60.0	70.0	80.0
	42"			60.0	60.0	70.0	80.0
	48"			60.0	60.0	70.0	80.0
	54"			60.0	60.0	70.0	80.0
	56"			60.0	60.0	70.0	80.0
	30"	120"		60.0	60.0	70.0	80.0
	36"			60.0	60.0	70.0	80.0
	42"			60.0	60.0	70.0	80.0
	48"			60.0	60.0	70.0	80.0
	53"			60.0	60.0	70.0	80.0
	30"	126"		60.0	60.0	70.0	80.0
	36"			60.0	60.0	70.0	80.0
	42"			60.0	60.0	70.0	80.0
	48"			60.0	60.0	70.0	80.0
	51"			60.0	60.0	70.0	80.0
	30"	132"		60.0	60.0	70.0	80.0
	36"			60.0	60.0	70.0	80.0
	42"			60.0	60.0	70.0	76.6
	48"			59.5	59.5	70.0	72.6



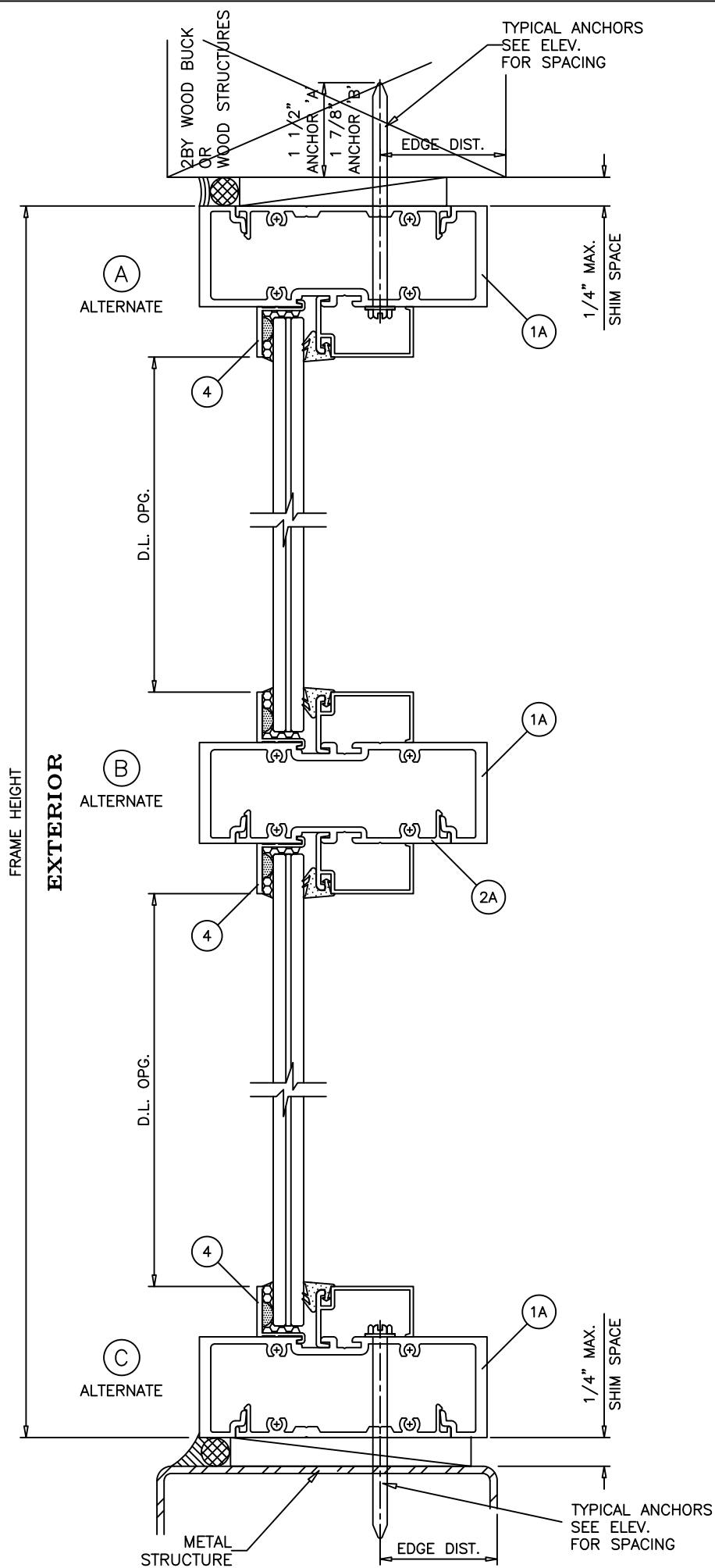
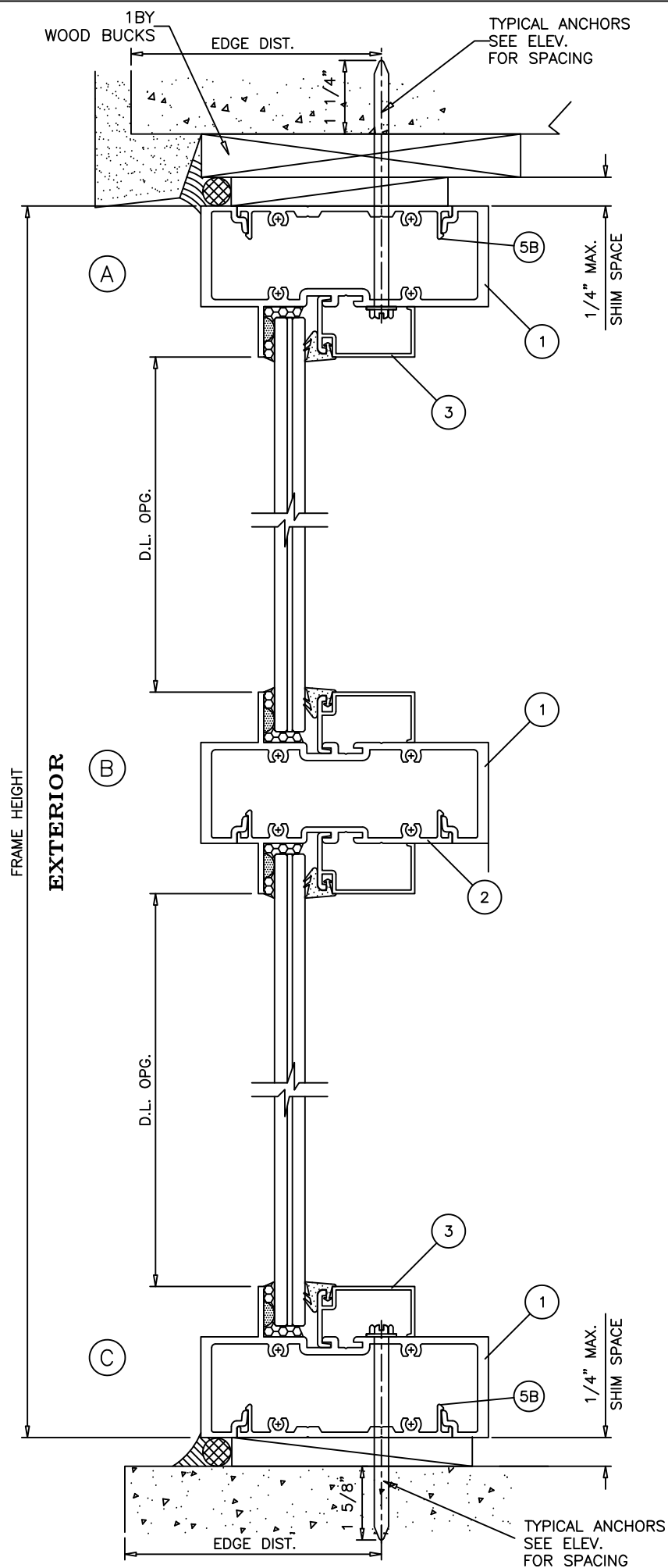
DOOR MULLION
ALUMINUM REINF.



DOOR MULLION
ALUM. + STEEL REINF.



PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		6/5/2022		A	
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902		SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		HONG C.		WW400FPA - LMI	
DOOR MULLION CHART CONT.		10 OF 20		SERIES 400		DWC	
Title		Desc.		Sheet		Rev.	



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

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

TYPE 'A'

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/SILL/JAMBS)

THRU 1BY WOOD BUCKS INTO CONCRETE
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

DIRECTLY INTO CONCRETE OR MASONRY
 1-5/8" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 1-3/4" MIN. EMBED INTO FILLED BLOCKS (JAMBS)

ANCHOR EDGE DISTANCES

INTO CONCRETE AND MASONRY = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 1" MIN.

TYPE 'B'

5/16" DIA ULTRACON BY 'DEWALT' (Fu=177 KSI, Fy=155 KSI)
 INTO WOOD STRUCTURES
 1-7/8" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)

THRU 1BY OR 2BY WOOD BUCKS INTO CONC. OR BLOCKS
 1-1/2" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

DIRECTLY INTO CONCRETE OR BLOCKS
 1-5/8" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 1-3/4" MIN. EMBED INTO FILLED BLOCKS (JAMBS)

ANCHOR EDGE DISTANCES

INTO CONCRETE AND MASONRY = 3-1/8" MIN.
 INTO WOOD STRUCTURE = 1-1/4" MIN.

TYPE 'C'

#14 SMS OR SELF DRILLING SCREWS ST/ST (GRADE 2 CRS)

INTO FBC APPROVED MULLIONS
 OR

INTO METAL STRUCTURES
 (3) THREADS MIN. PENETRATION BEYOND SUBSTRATE

STEEL : 1/8" THK. MIN. (Fy = 36 KSI MIN.)

ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

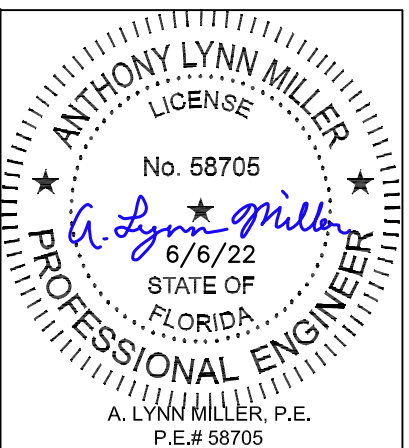
ANCHOR EDGE DISTANCES

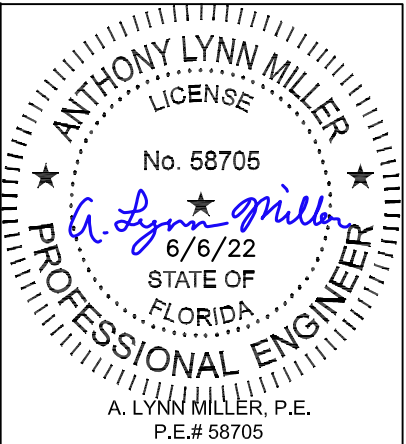
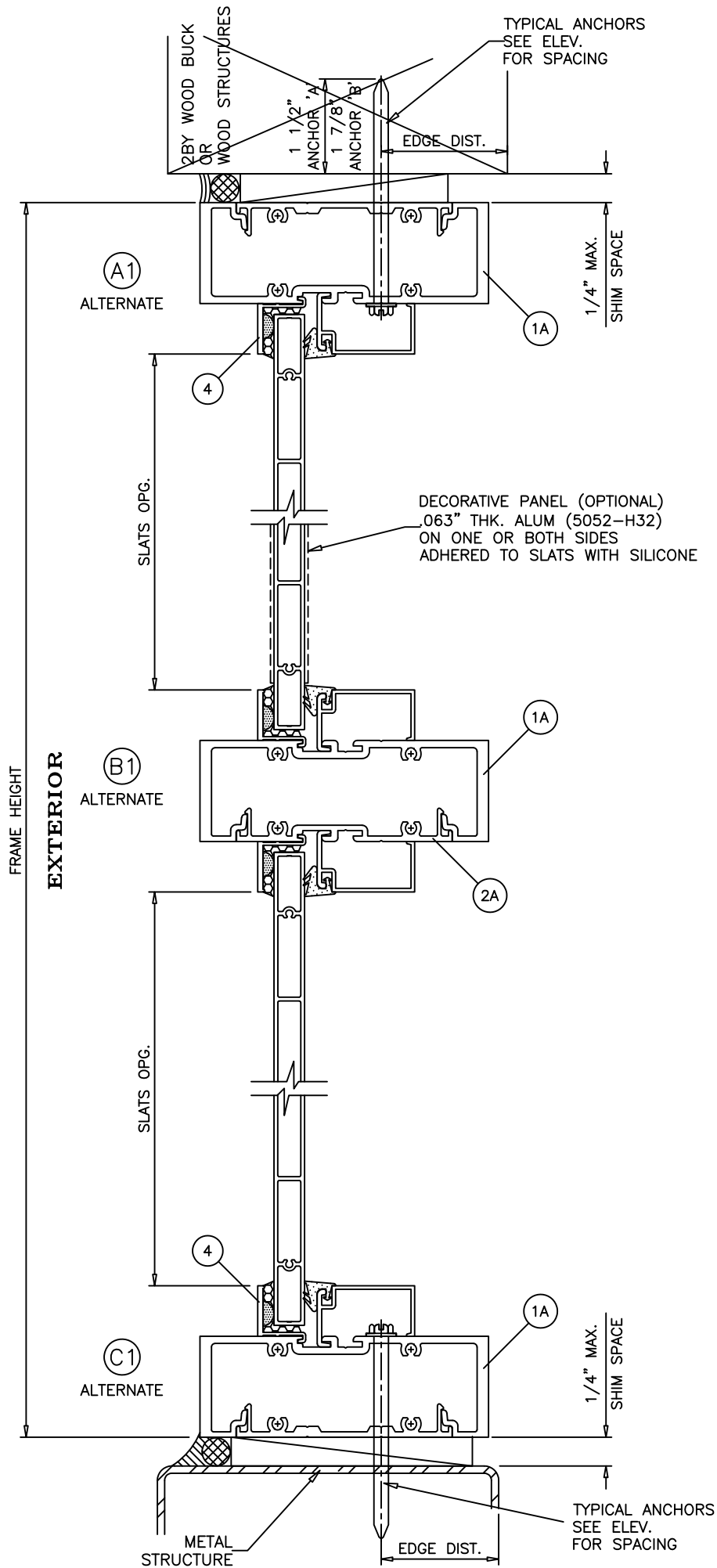
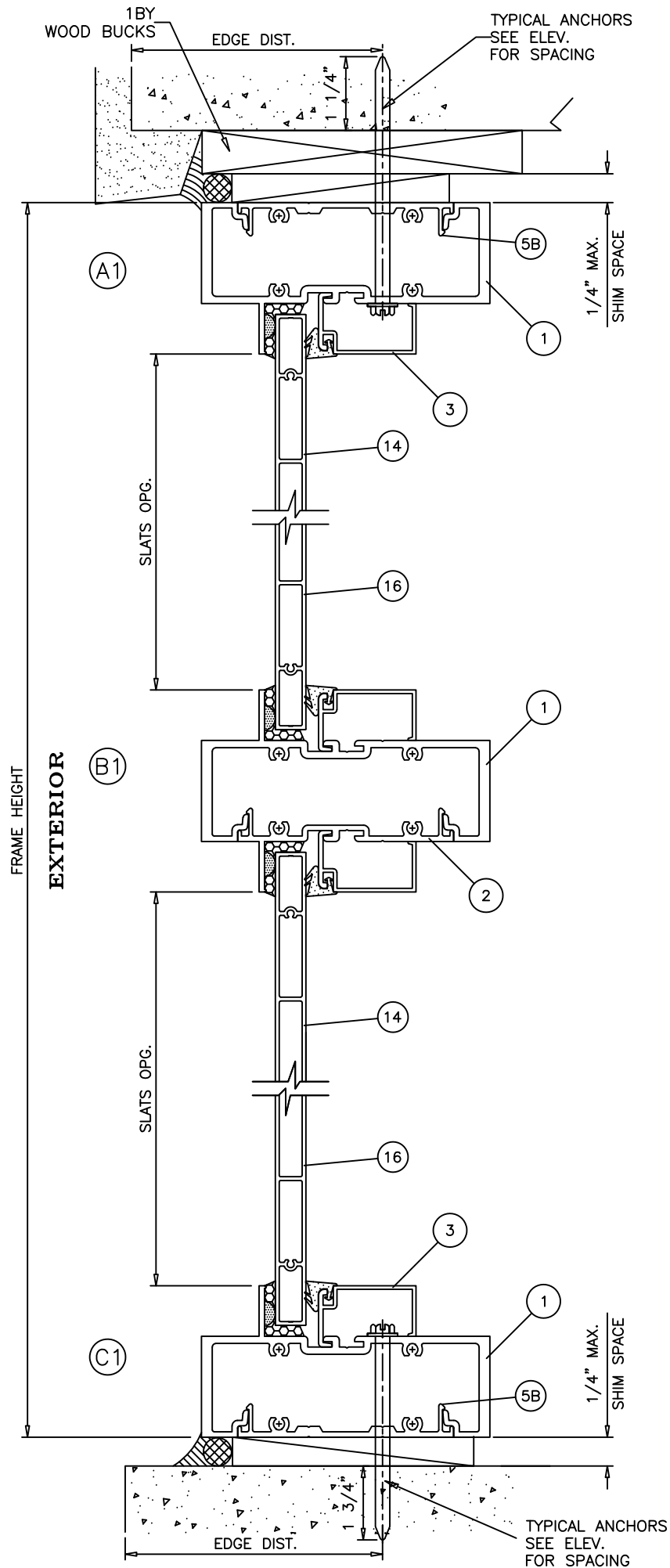
INTO METAL STRUCTURE = 1/2" MIN.

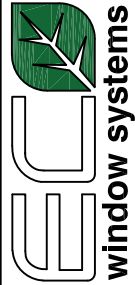
WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.
 CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
 C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

Revision:

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	6/5/2022	HONG C.	WW400FPA - LMI	A
ECO WINDOW SYSTEMS, LLC. 8602 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902	SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)	VERTICAL SECTION DETAILS & ANCHOR SPECIFICATIONS	11 OF 20	Dwg	No.
ECO window systems	SERIES 400	Sheet	11 OF 20	Dwg	No.
ECO WINDOW SYSTEMS, LLC. 8602 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902	SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)	VERTICAL SECTION DETAILS & ANCHOR SPECIFICATIONS	11 OF 20	Dwg	No.
ECO window systems	SERIES 400	Sheet	11 OF 20	Dwg	No.





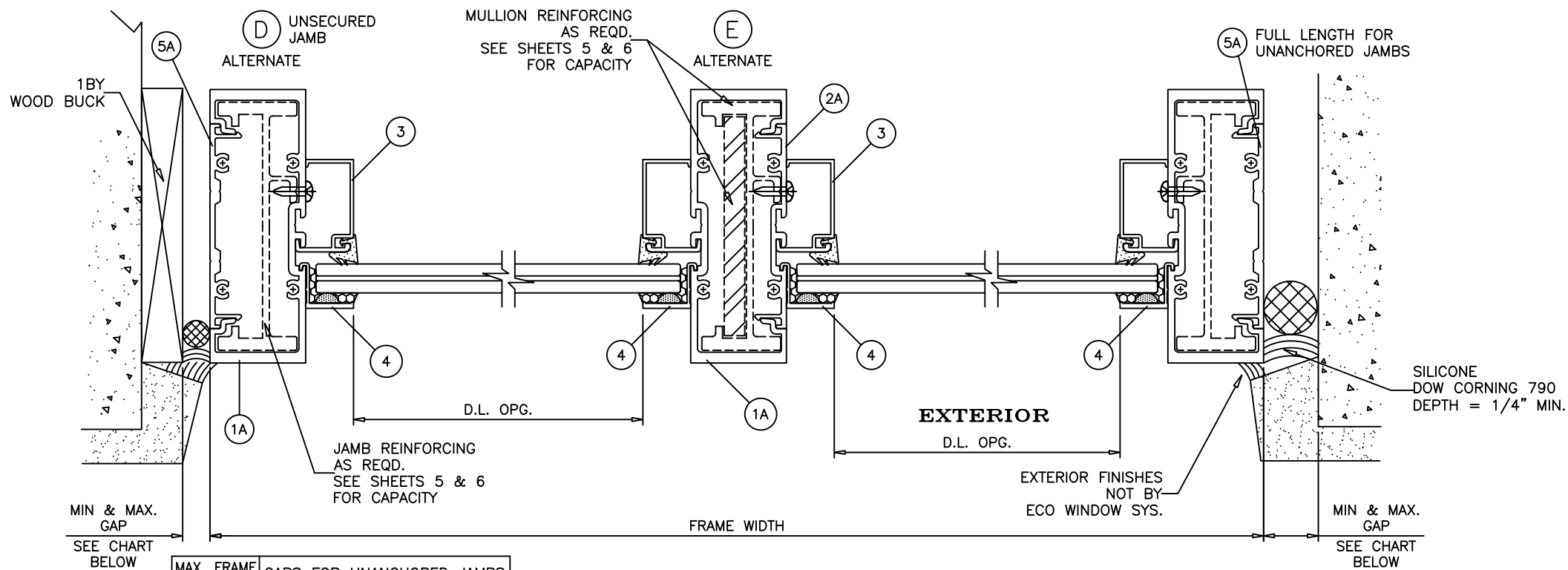
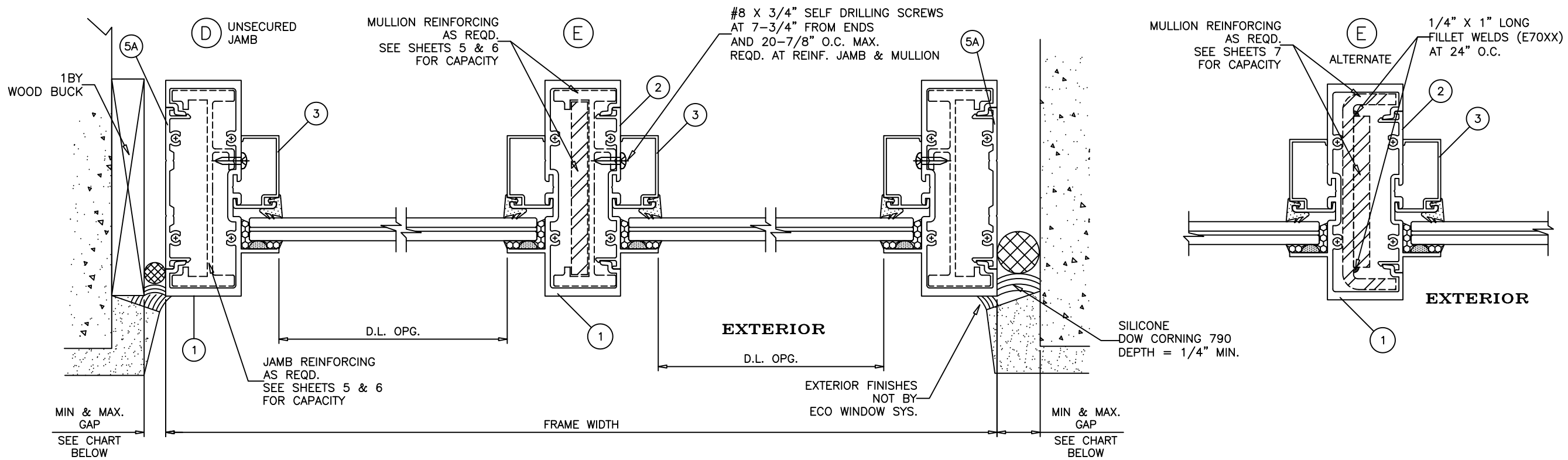


ECO window systems
ECO WINDOW SYSTEMS, LLC.
8602 N.W. 80th ST. MEDLEY, FL 33166
TEL. (305) 885-5299 FAX. (305) 885-5902

SERIES 400	12 OF 20	Sheet
VERTICAL SECTIONS CONT.		
SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		
By		HONG C.
Date		6/5/2022
Rev.		A

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296	
DWC		No.	WW400FPA - LMI
Series		Desc.	Title

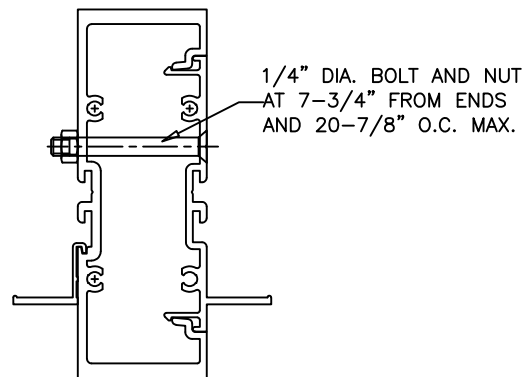
Revision:



MAX. FRAME HEIGHT UP TO	GAPS FOR UNANCHORED JAMBS	
	MIN.	MAX.
120"	1/4"	1"
132"	3/8"	1"

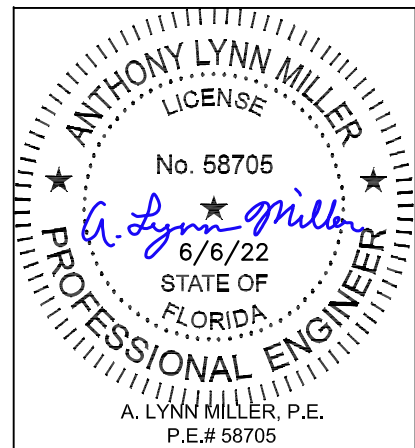
NOTE:
MAX. MOVEMENT CONSIDERED=100% STRETCH.
PLEASE REFER TO SEALANT MANUFACTURER'S DATA AND APPLICATION MANUAL FOR COMPATABILITY OF SEALANT TO SUBSTRATE & WINDOW WALL MATERIAL/FINISH AND COMPLIANCE FOR WARRANTY.
REFER TO ACI-117-10 FOR CONSTRUCTION TOLERANCES.

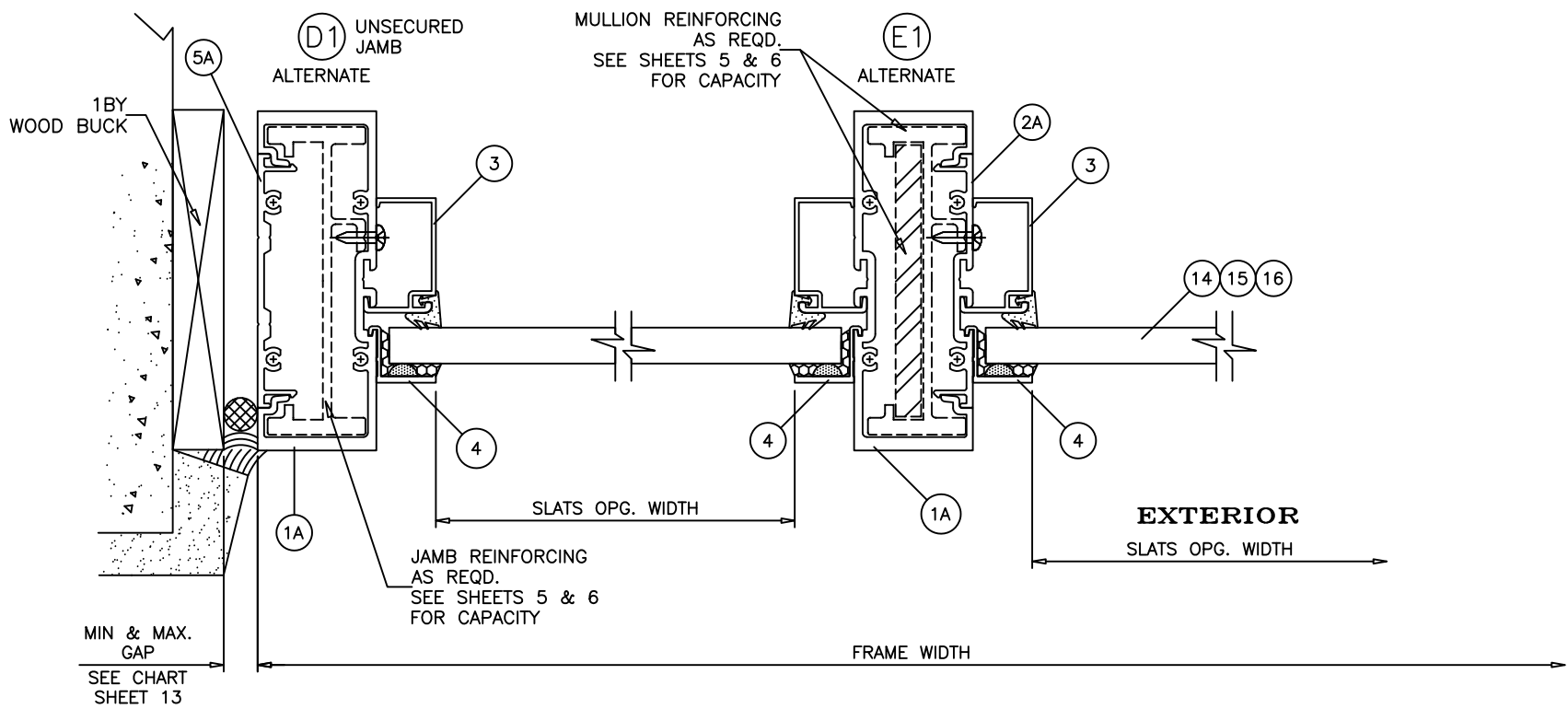
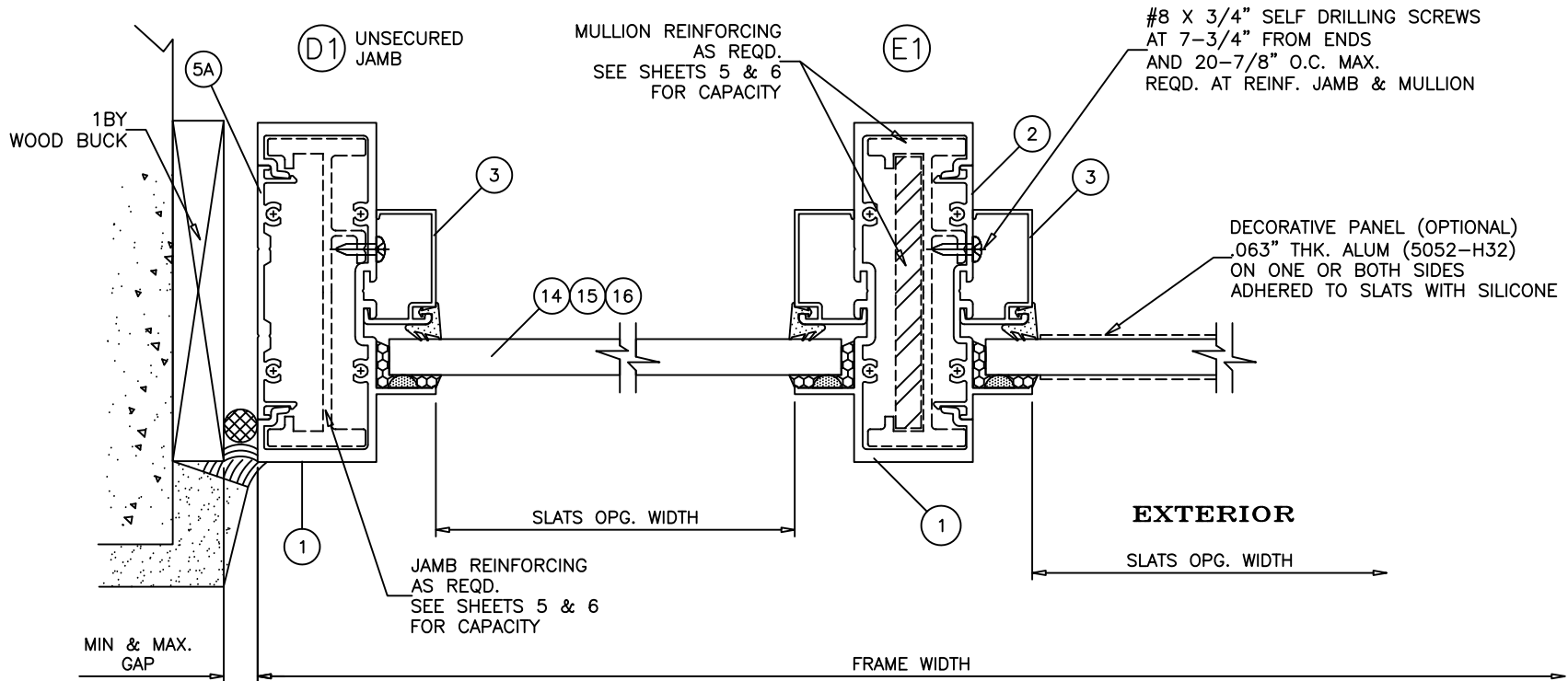
ALTERNATE SEALANTS AT JAMB GAPS CAN BE DESIGNED BY ENGINEER OF RECORD BASED ON MANUFACTURER GUIDE LINES.
GAPS LESS THAN 1/4" MAY BE DESIGNED BY ENGINEER OF RECORD BY THE USE OF BOND BREAKER TAPE OR 15% OF GAP ALLOWED MOVEMENT.
REFER TO SHEETS 6 THRU 10 FOR SELECTION OF MULLION/JAMB WITH REINFORCED & UNREINFORCED FRAMES.



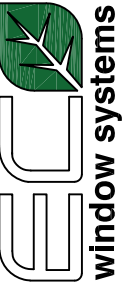
Revision:

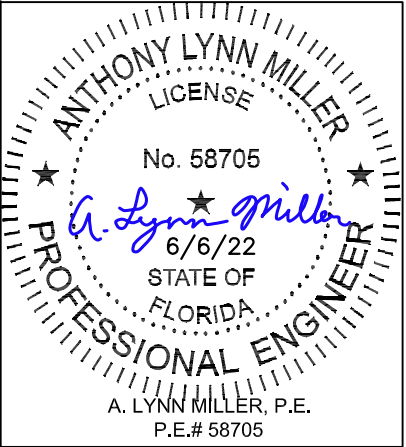
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	By HONG C.	Date 6/5/2022	Rev.	A			
				DWG No.	WW400FPA - LMI			
SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)				Sheet	13 OF 20			
UNSECURED JAMB HORIZONTAL DETAILS				Series Desc.	SERIES 400			

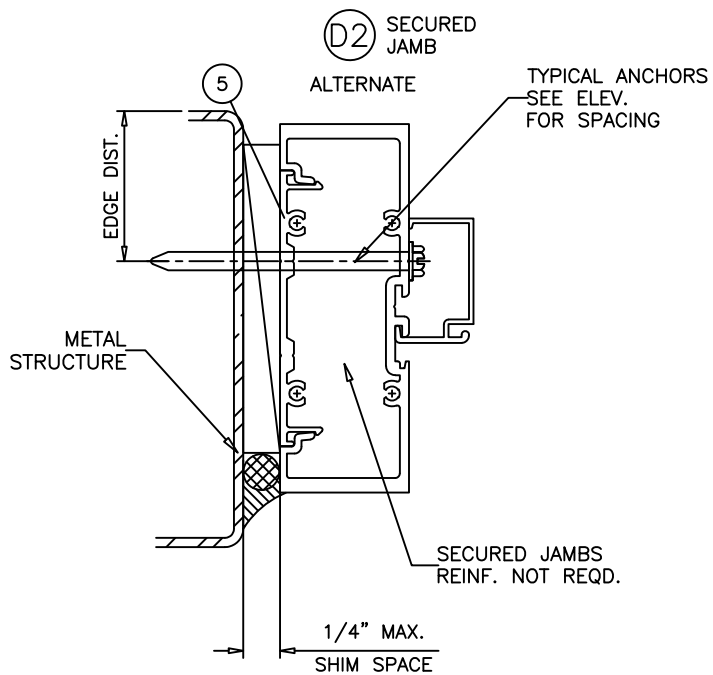
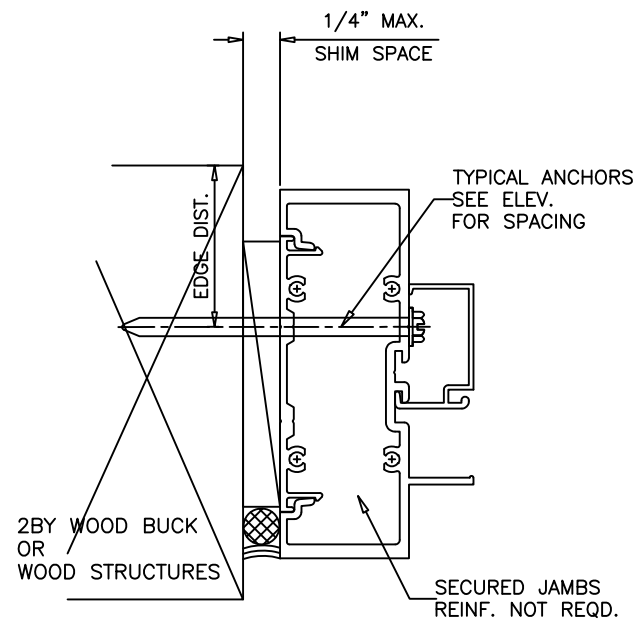
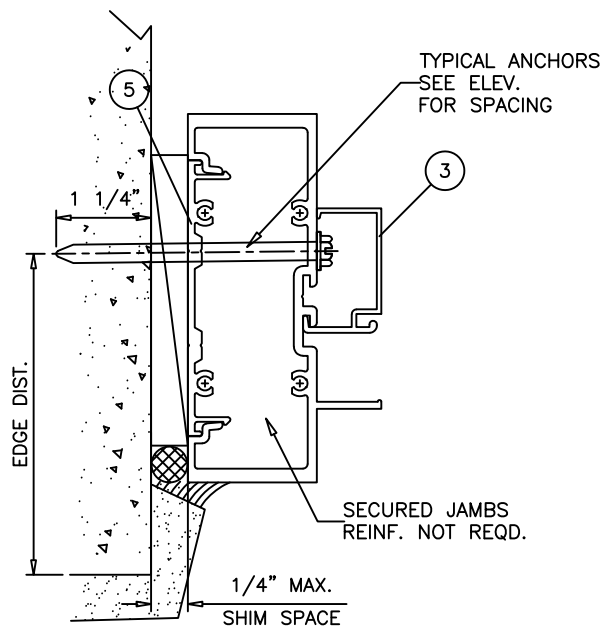
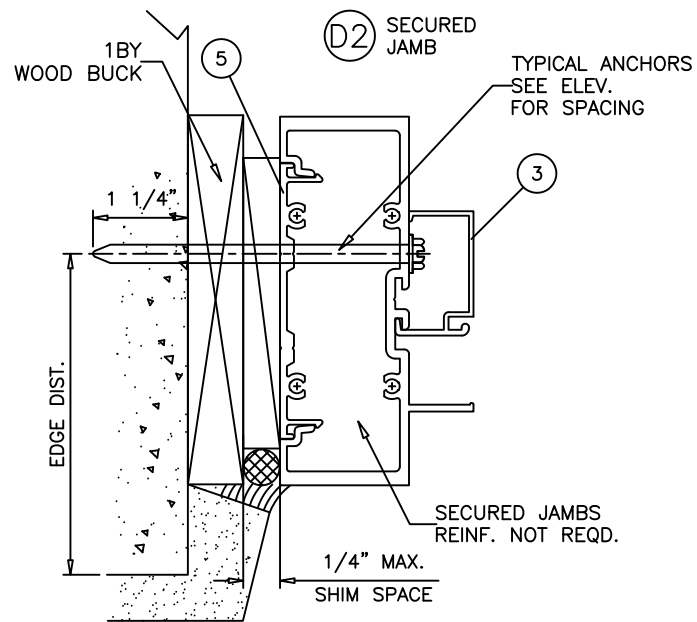




Revision:	

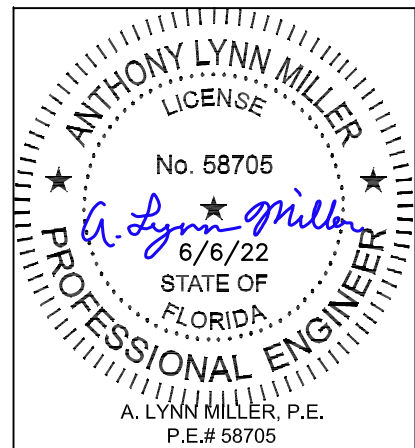
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	6/5/2022	HONG C.	WW400FPA - LMI	A
 ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902	SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)	UNSECURED JAMB HORIZONTAL DETAILS CONT.	14 OF 20	400	14 OF 20

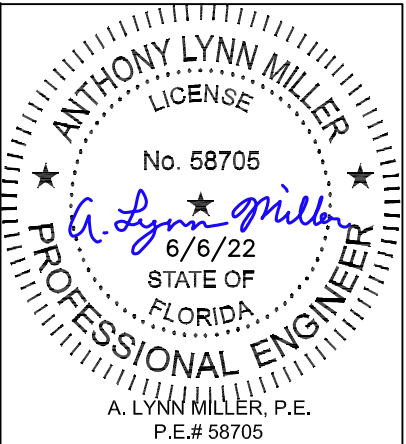
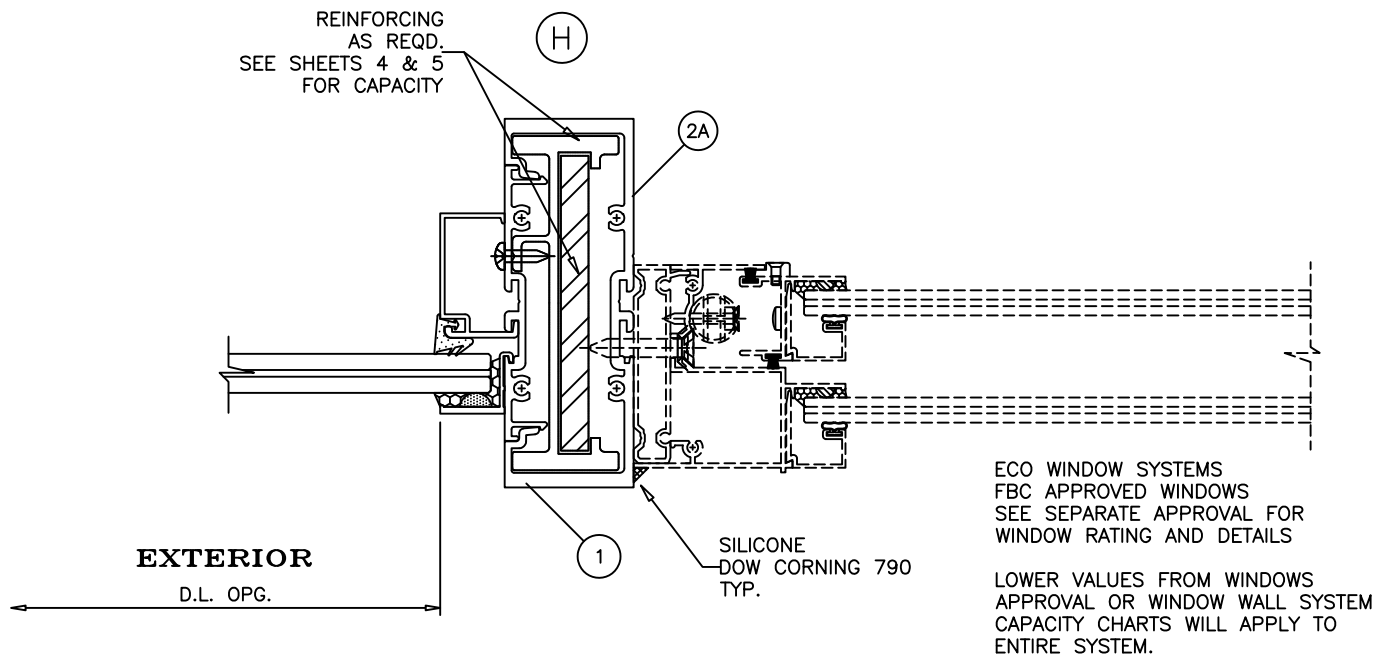
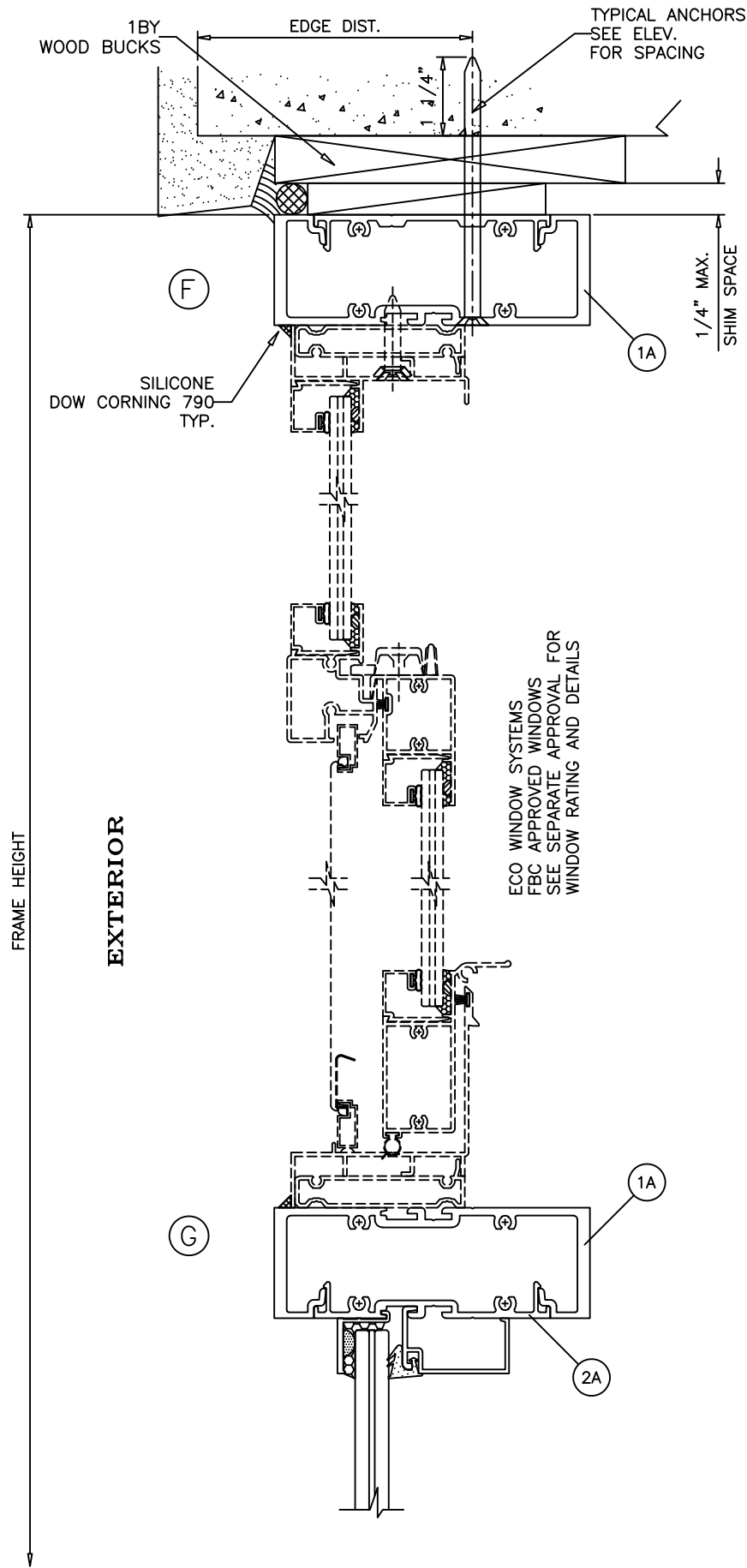


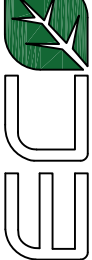


Revision:

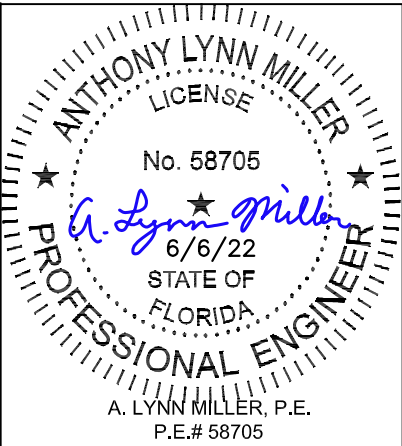
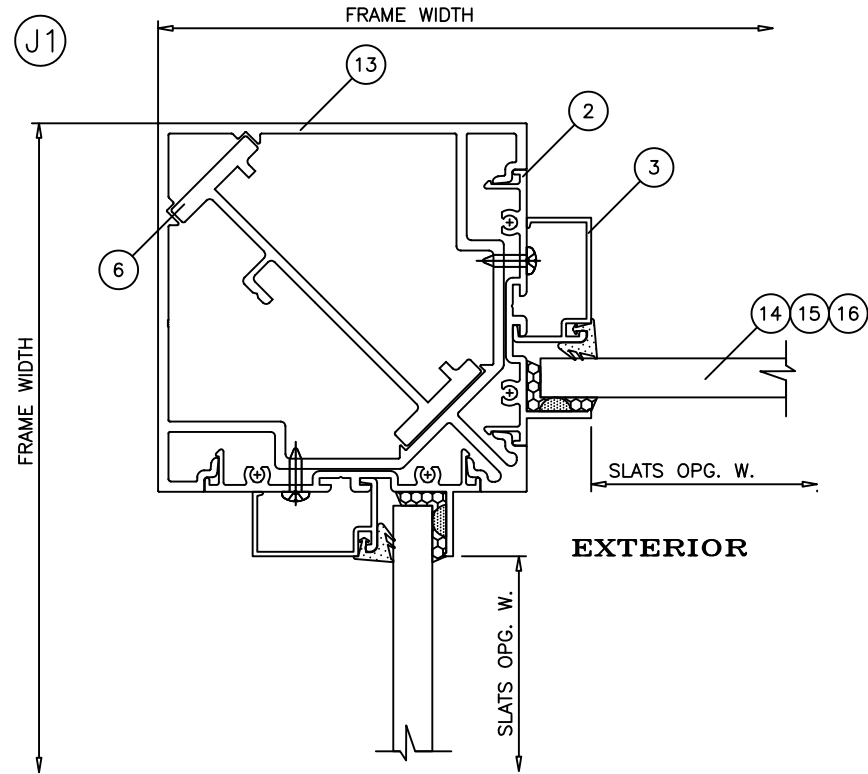
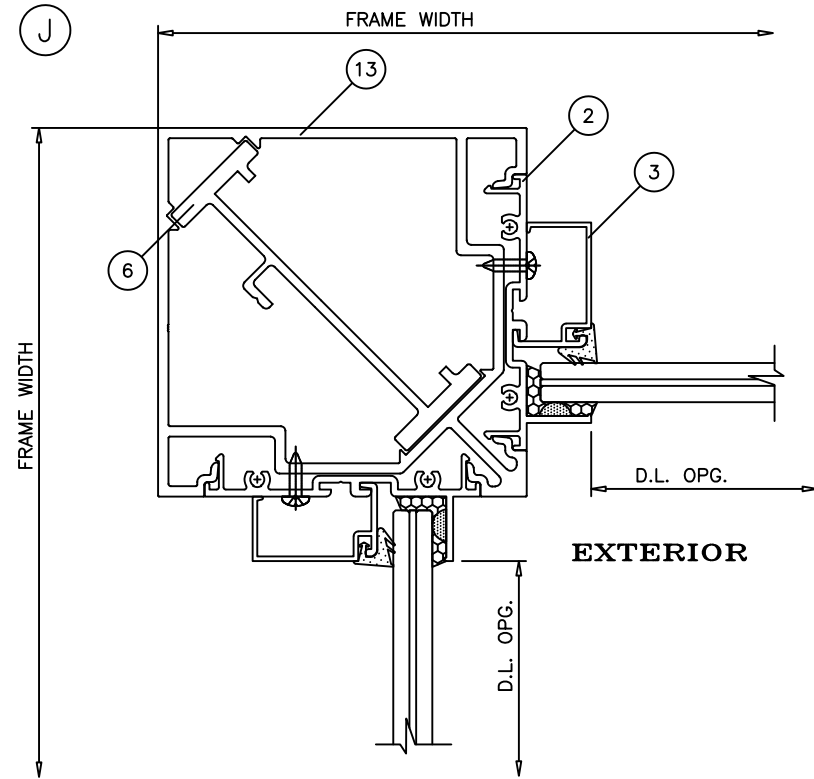
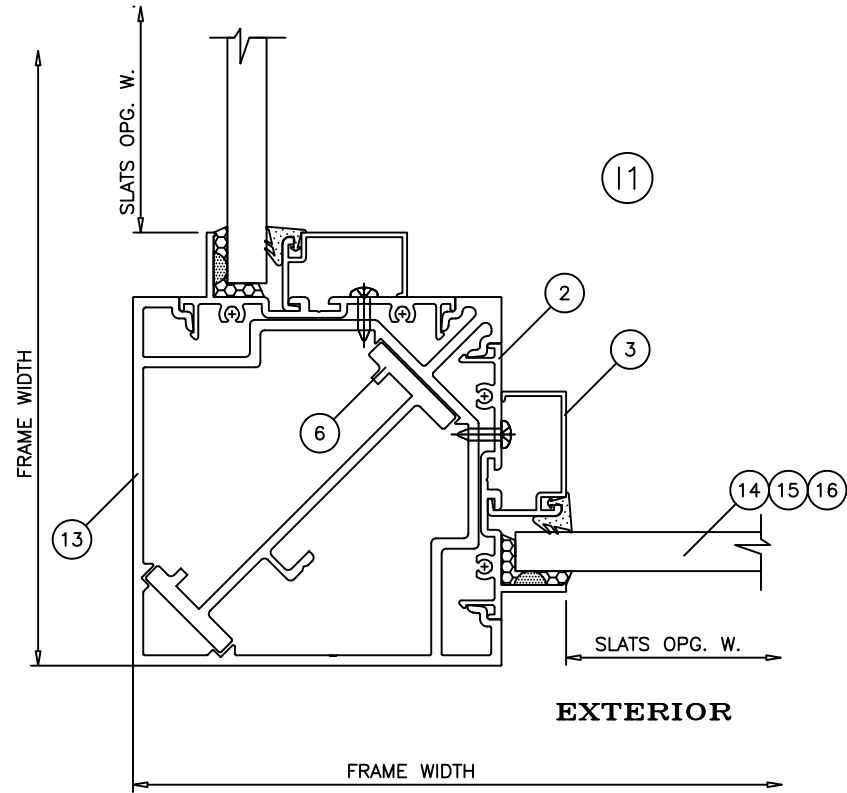
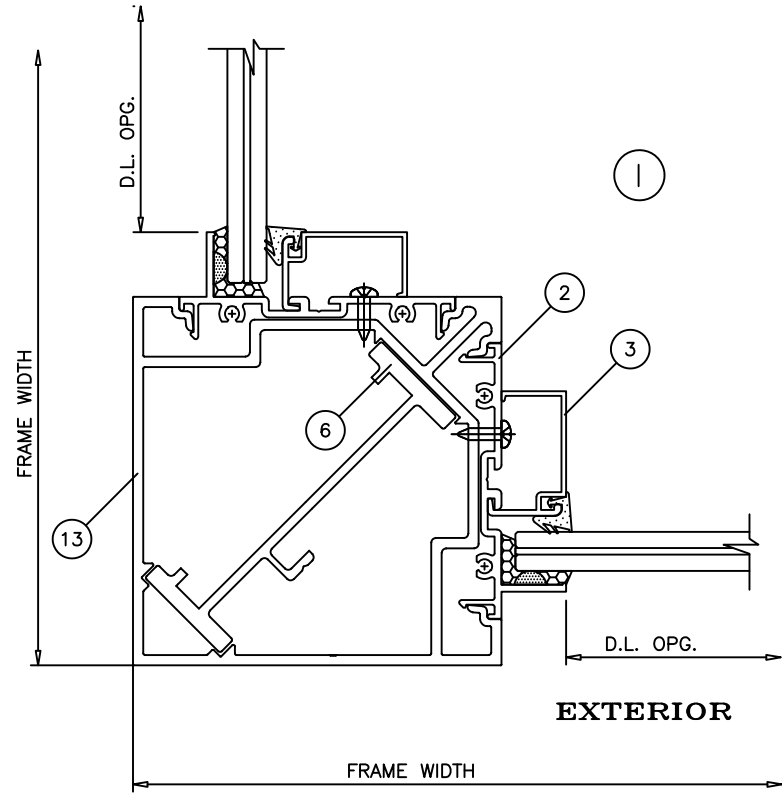
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		6/5/2022		A	
ECO WINDOW SYSTEMS, LLC. 8602 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902		HONG C.		WW400FPA - LMI		Rev.	
SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		HONG C.		WW400FPA - LMI		A	
SECURED JAMB HORIZONTAL DETAILS		HONG C.		WW400FPA - LMI		Rev.	
SERIES 400		HONG C.		WW400FPA - LMI		A	
15 OF 20		HONG C.		WW400FPA - LMI		A	
15 OF 20		HONG C.		WW400FPA - LMI		A	

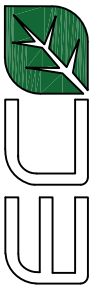




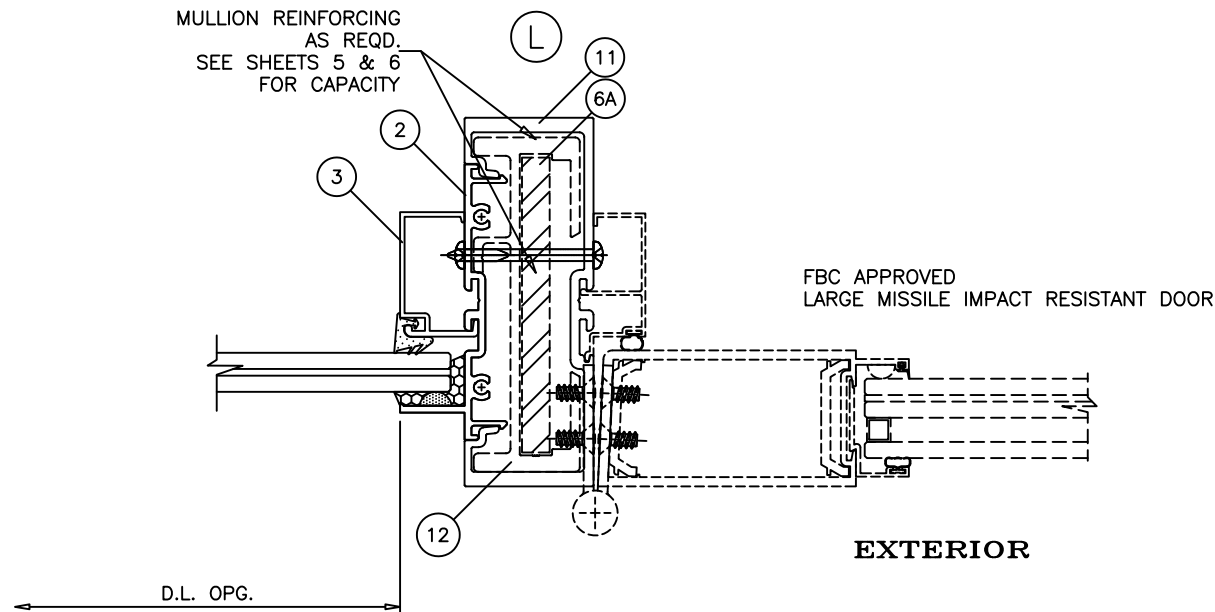
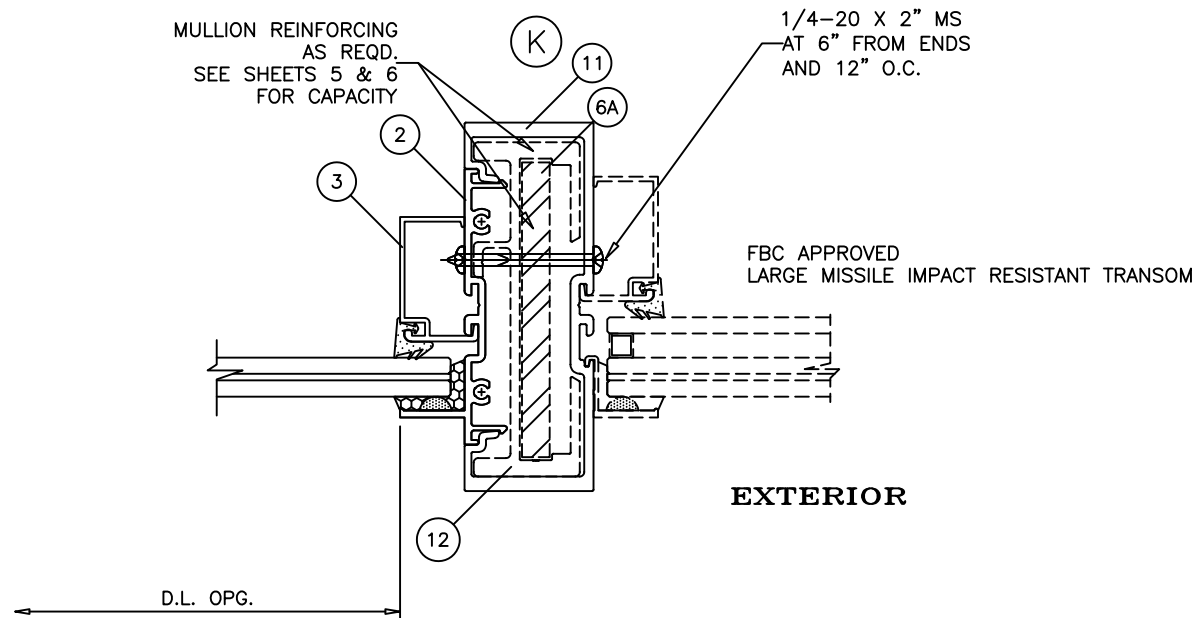
 ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600				REGISTRATION #29296	
		SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)					
		Series Desc.		WINDOW INSERT HORIZONTAL & VERTICAL SECTION DETAILS		Drawn By HONG C.	
		SERIES 400		16 OF 20		DWG No. WW400FPA - LMI	
Rev.	A		Rev.		A		

Revision:



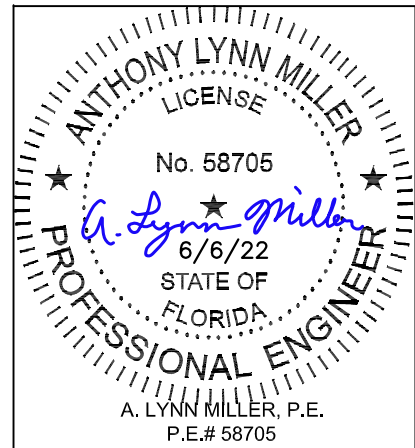
 ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600			
TITLE		SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		DATE	6/5/2022
		REGISTRATION #29296			
SERIES DESC.		CORNER MULLION HORIZONTAL SECTION DETAILS		DRAWN BY HONG C.	
		SERIES 400		NO. DWG	WW400FPA - LMI
Sheet		17 OF 20		Rev. A	

Revision:



SEE SEPARATE APPROVAL FOR DESIGN LOAD CAPACITY OF DOORS AND DOOR ANCHORS.

LOWER VALUES FROM DOORS APPROVAL OR WINDOW WALL SYSTEM CAPACITY CHARTS WILL APPLY TO ENTIRE SYSTEM.



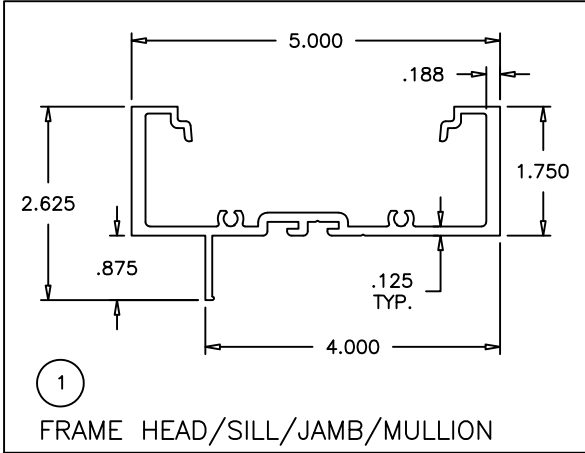
Series	Desc.	Sheet	DWG	No.	Rev.
SERIES 400	DOOR MULLION SECTION DETAILS	18 OF 20	WW400FPA - LMI	A	

ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902	ECO WINDOW SYSTEMS, LLC. 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	6/5/2022	HONG C.	6/5/2022
--	--	---------------------	----------	---------	----------

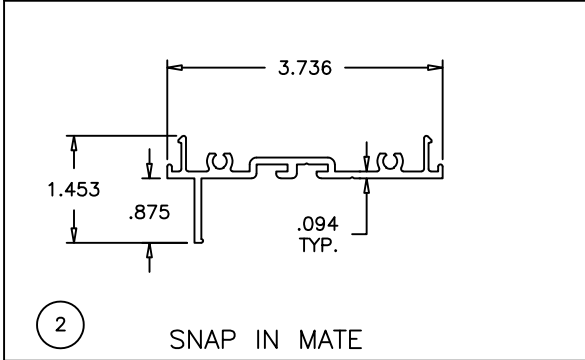
Revision:

--

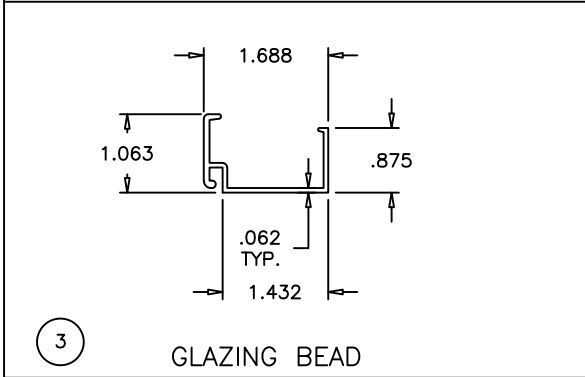
--



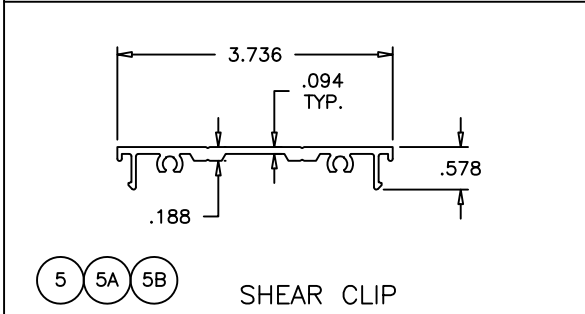
1
FRAME HEAD/SILL/JAMB/MULLION



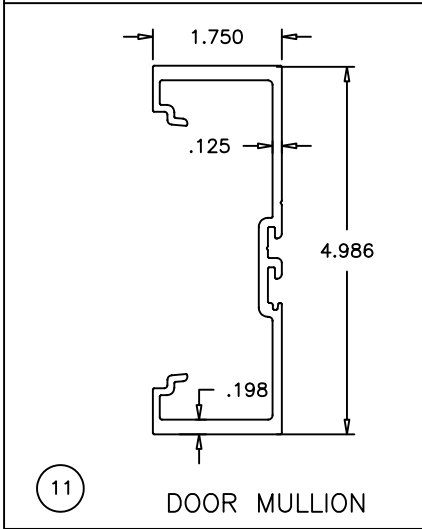
2
SNAP IN MATE



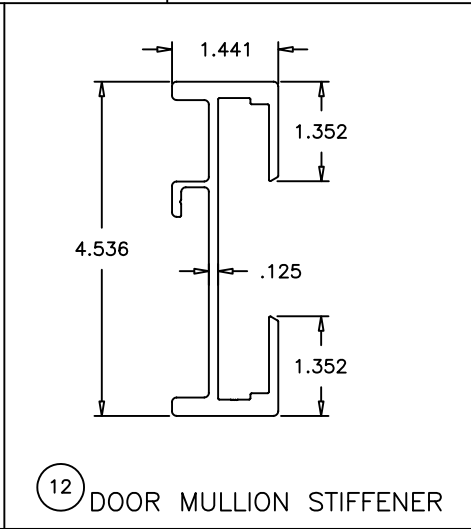
3
GLAZING BEAD



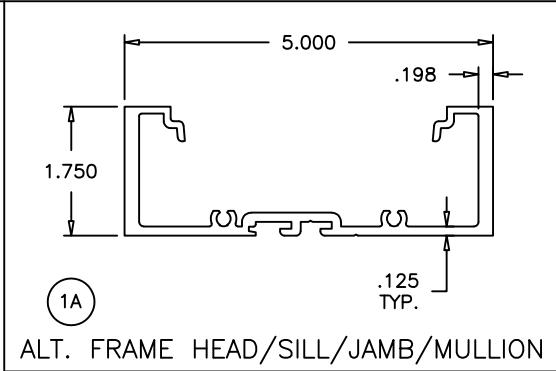
5 5A 5B
SHEAR CLIP



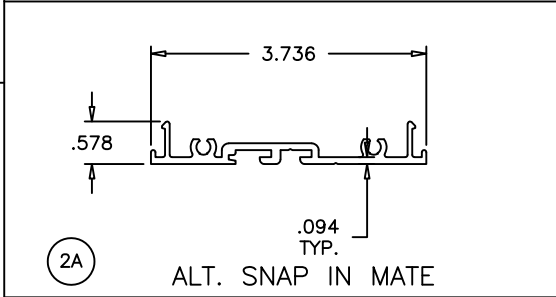
11
DOOR MULLION



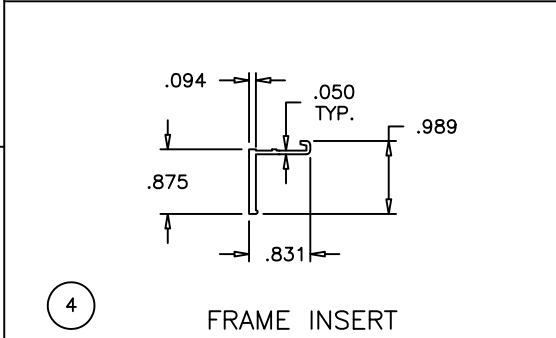
12
DOOR MULLION STIFFENER



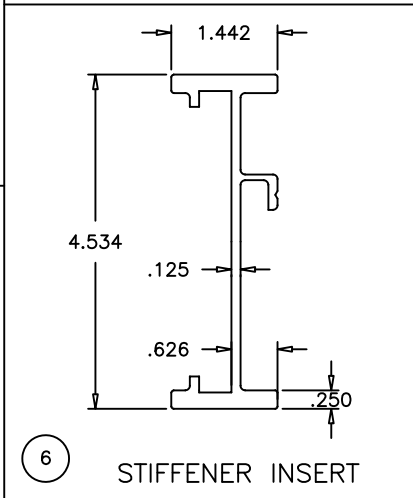
1A
ALT. FRAME HEAD/SILL/JAMB/MULLION



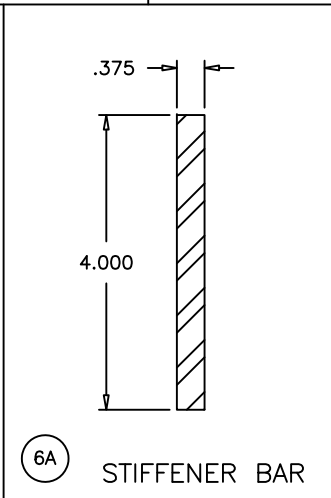
2A
ALT. SNAP IN MATE



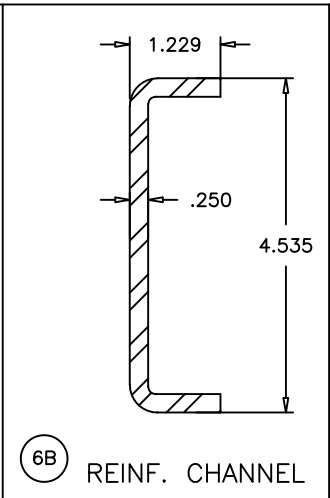
4
FRAME INSERT



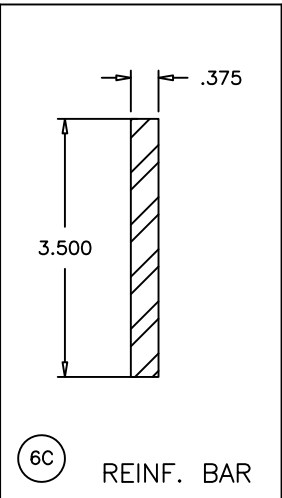
6
STIFFENER INSERT



6A
STIFFENER BAR



6B
REINF. CHANNEL

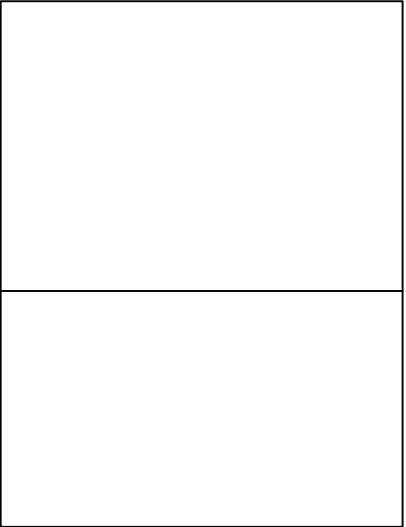


6C
REINF. BAR

ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	UW-401	AS REQD.	FRAME HEAD/SILL/JAMB/MULLION	6063-T6	-
1A	UW-407	AS REQD.	ALT. FRAME HEAD/SILL/JAMB/MULLION	6063-T6	-
2	UW-402	AS REQD.	SNAP-IN MATE	6063-T6	-
2A	UW-402	AS REQD.	ALT. SNAP-IN MATE	6063-T6	-
3	UW-404	AS REQD.	GLAZING BEAD	6063-T6	-
4	UW-408	AS REQD.	FRAME INSERT	6063-T6	-
5	UW-403	AS REQD.	SHEAR CLIP, 3-3/4" LONG AT JAMB ANCHORS	6063-T6	-
5A	UW-403	AS REQD.	SHEAR CLIP, FULL LENGTH	6063-T6	-
5B	UW-403	AS REQD.	SHEAR CLIP, LENGTH VARIES TO COVER ANCHOR SPACINGS	6063-T6	-
6	UW-408	AS REQD.	STIFFENER INSERT	6063-T6	-
6A	-	AS REQD.	STIFFENER BAR	GALV. STEEL	-
6B	-	AS REQD.	REINF. CHANNEL	GALV. STEEL	-
6C	-	AS REQD.	REINF. BAR	GALV. STEEL	-
7	UW-406	AS REQD.	GLAZING GASKET	NEOPRENE	DUROMETER 55±5 SHORE A
8	#12 X 1-1/4"	4/ CORNER	FRAME ASSEMBLY SCREWS	-	PH SMS
9	-	2/ LITE	SETTING BLOCKS AT 1/4 POINTS (3/16" X 1/2" X 2")	NEOPRENE	3/16" X 1/2" X 2" LONG
10	-	AS REQD.	GLASS SPACER	SILICONE	FRANK LOWE
11	UW-407	AS REQD.	DOOR MULLION	6063-T6	-
12	E813	AS REQD.	DOOR MULLION INSERT	6063-T6	-
13	UW-411	AS REQD.	CORNER MULLION	6063-T6	-
14	EK 2	AS REQD.	TOP SLAT	6063-T6	-
15	EK 5	AS REQD.	INTERMEDIATE SLAT	6063-T6	-
16	EK 3	AS REQD.	BOTTOM SLAT	6063-T6	-

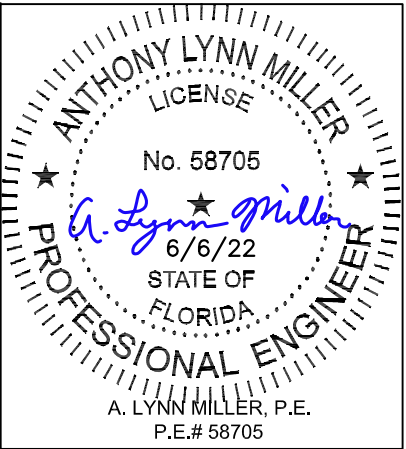
SEALANTS:

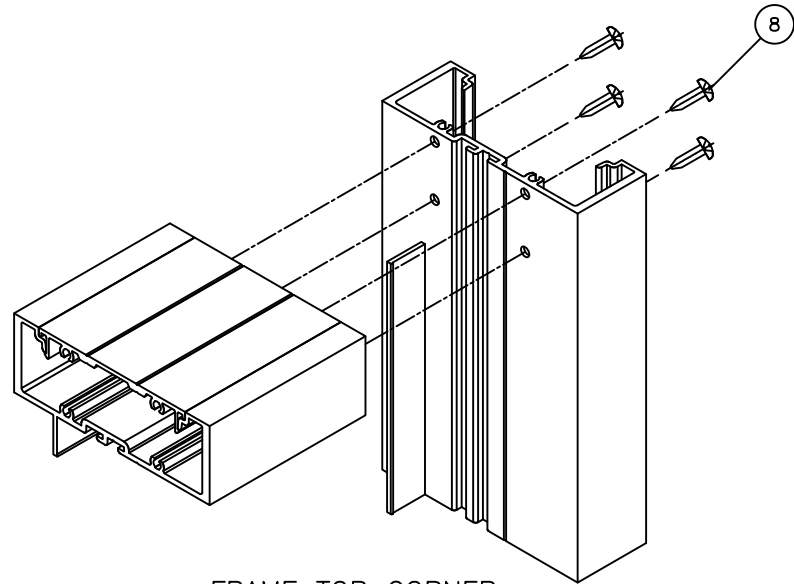
ALL FRAME JOINTS AND SEAMS SEALED WITH SCHNEE-MOREHEAD SM5504 ACRYL-R SEAM SEALER.



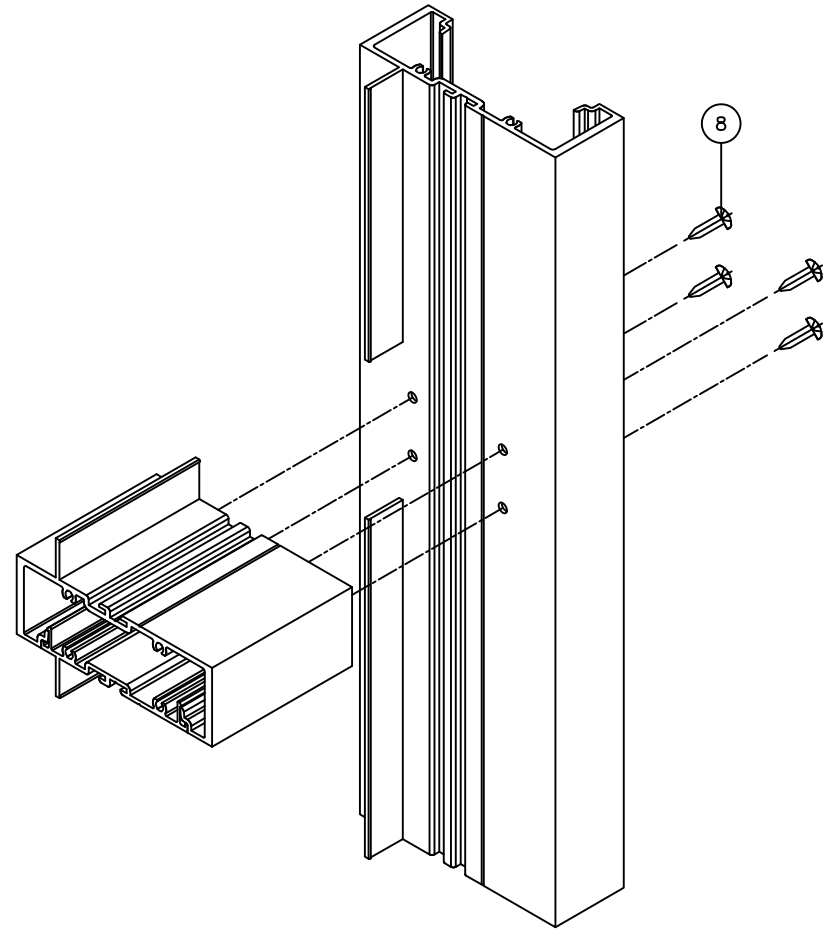
Revision:	
-----------	--

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	6/5/2022	HONG C.	WW400FPA - LMI	A
ECO WINDOW SYSTEMS, LLC. 8602 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902	SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)	19 OF 20	BOM & EXTRUSION PROFILES	SERIES 400	Sheet

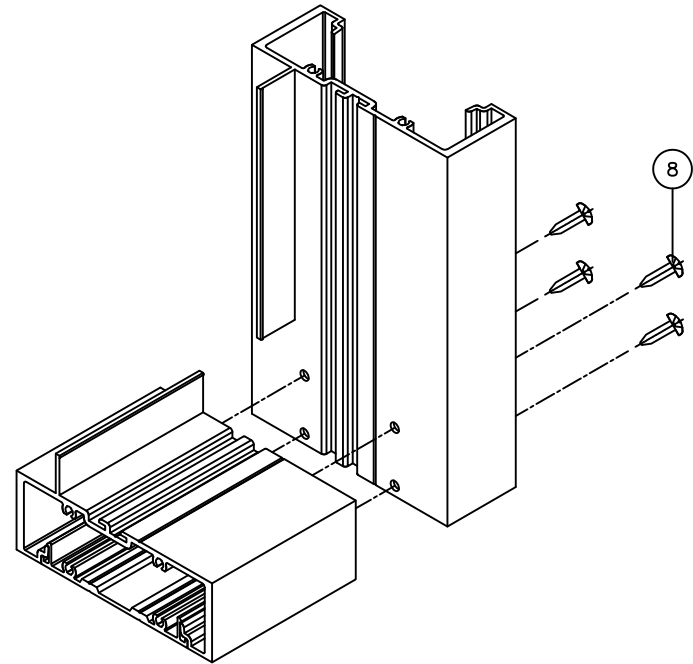




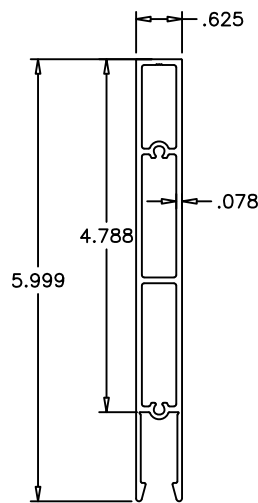
FRAME TOP CORNER



HORIZONTAL CORNER

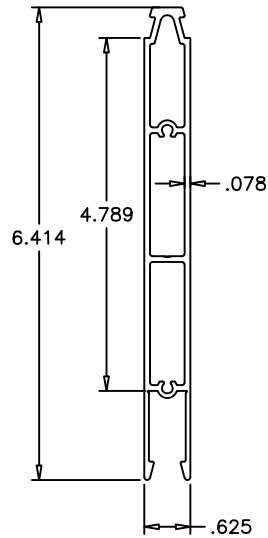


FRAME BOTTOM CORNER



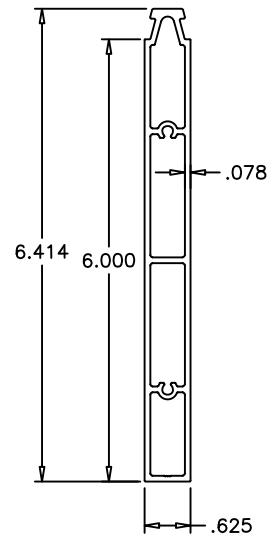
14

TOP SLAT



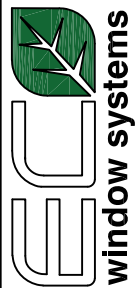
15

INTERMEDIATE SLAT



16

BOTTOM SLAT



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	Series	DWG	No.	By	Date	Rev.
SERIES 400	CORNER ASSEMBLY DETAILS	SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)	WW400FPA - LMI	20 OF 20		HONG C.	6/5/2022	A

Revision:

