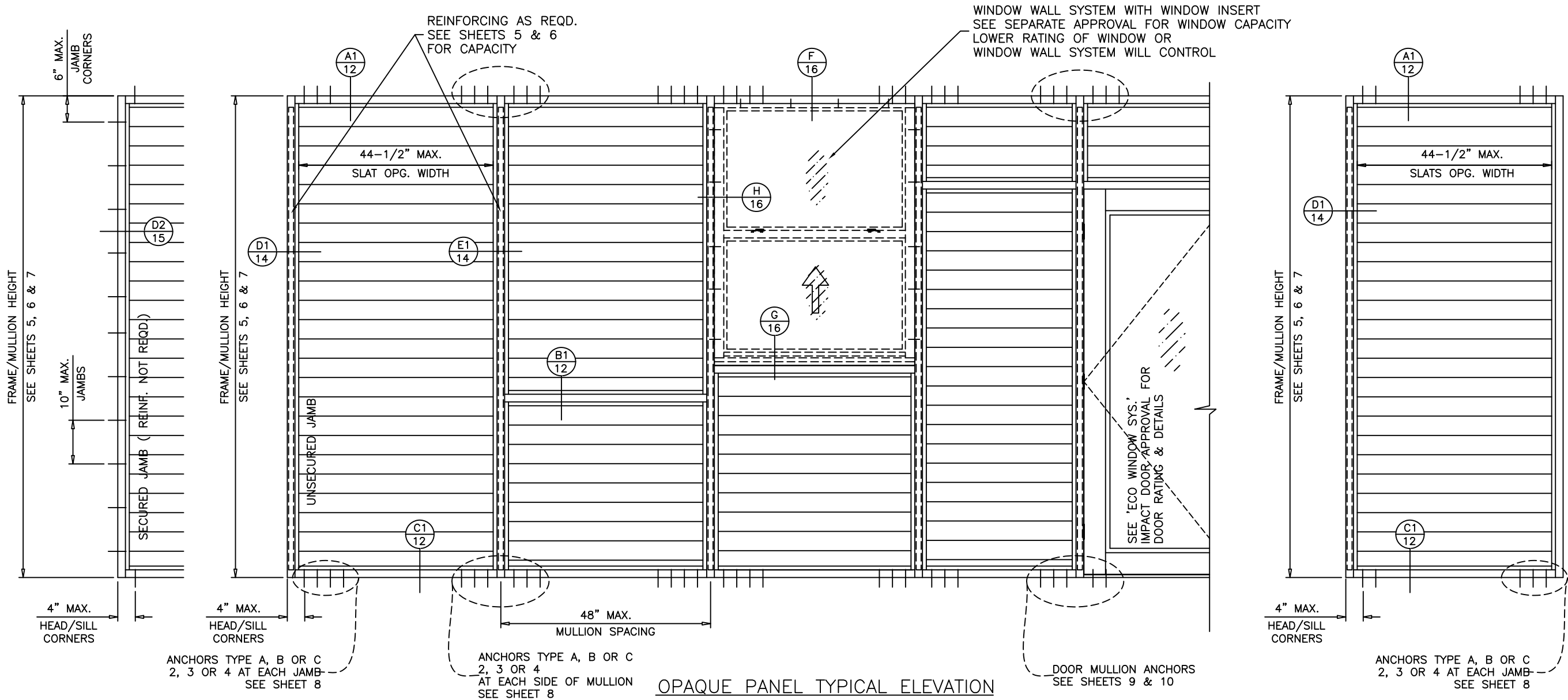
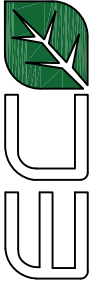
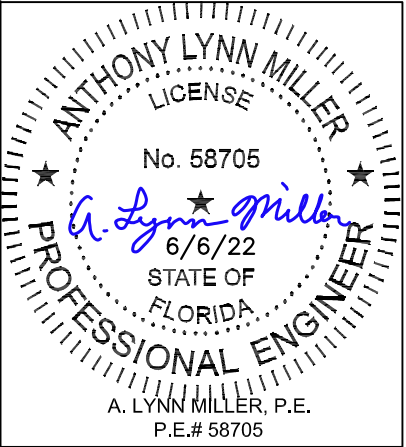
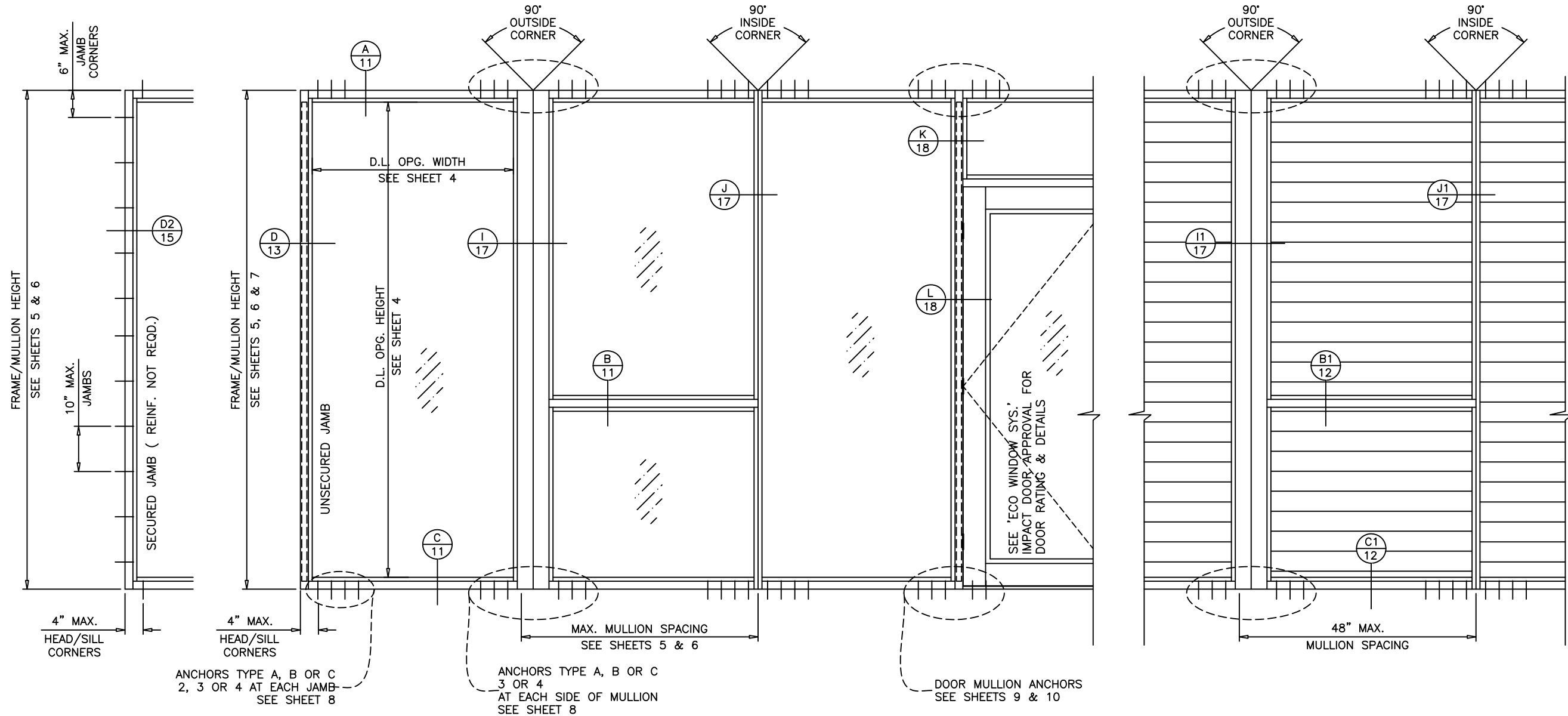




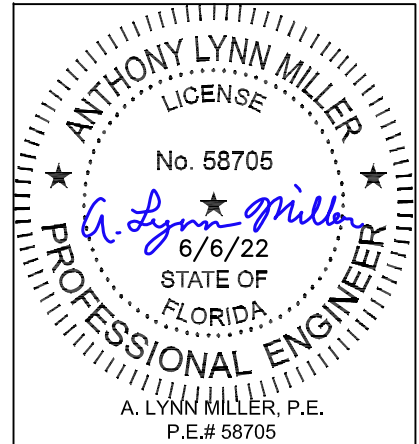
Revision:	

 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			
		REGISTRATION #29296			
Title		SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		Date	6/5/2022
Series Desc.		OPAQUE PANEL ELEVATION		Drawn By	HONG C.
Series	SERIES 400	Sheet	2 OF 20	DWG No.	WW400FPA - LMI
				Rev.	A





TYPICAL ELEVATION

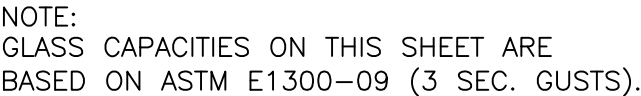


ECO window systems		ECO WINDOW SYSTEMS, LLC.		8502 N.W. 80th ST. MEDLEY, FL 33166		TEL. (305) 885-5299 FAX. (305) 885-5902	
SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		REGISTRATION #29296		DATE		6/5/2022	
90 DEGREE INSIDE & OUTSIDE CORNER ELEVATIONS		DRAWN BY		HONG C.		REV.	
SERIES 400		3 OF 20		DWG No.		WW400FPA - LMI	
A		A		A		A	

Revision:

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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
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
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
56–1/2"		–	–	70.0	70.0



LIMITATIONS:
 MAX. SLATS OPG. WIDTH = 44-1/2"
 MAX. FRAME HEIGHT = 120 INCHES
 MAX. DESIGN LOAD = $\pm$ 80.0 PSF

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

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

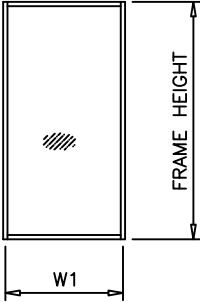


GLAZING OPTIONS

ANTHONY LYNN MILLER
LICENSE
No. 58705
6/6/22
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

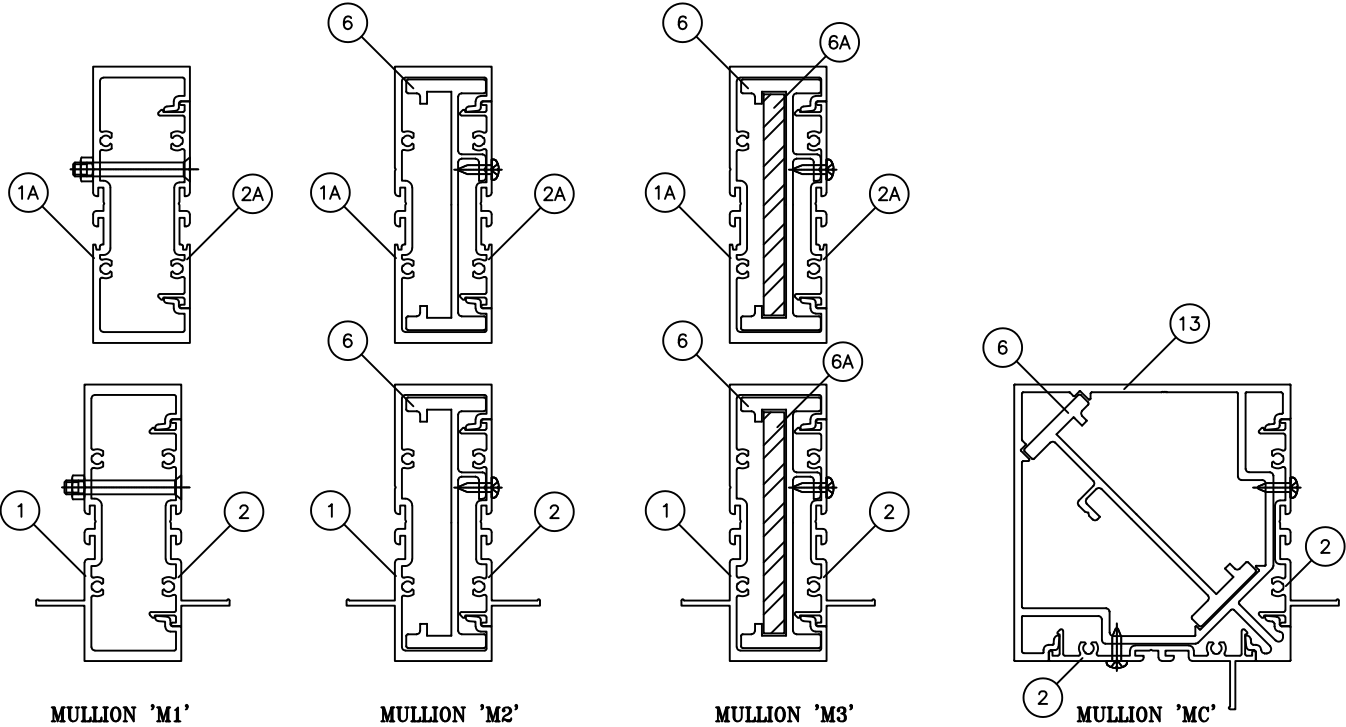
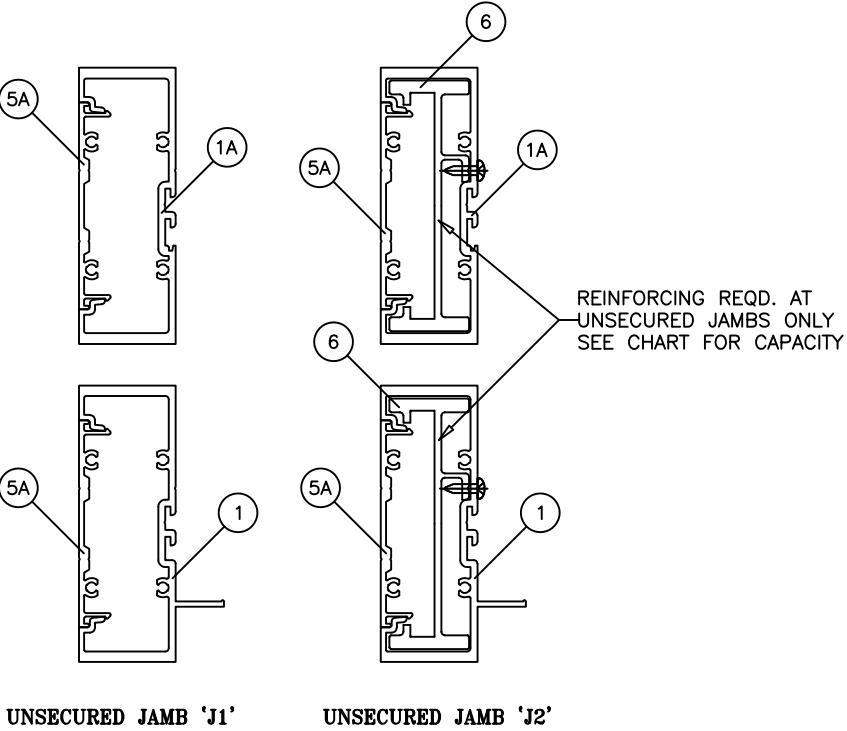
A. LYNN MILLER, P.E.
P.E.# 58705

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	–	–



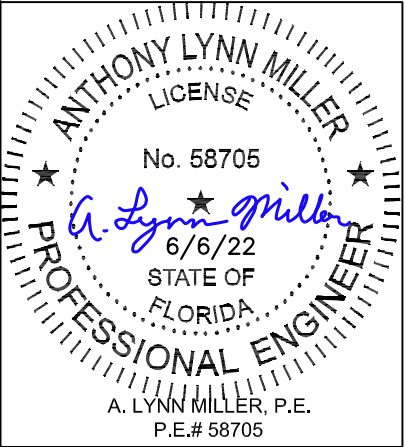
WIDTH (W) = W1
AT FRAME JAMB

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

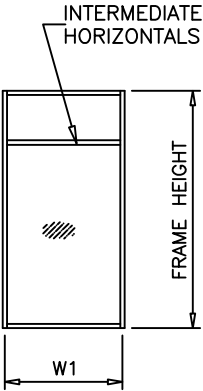


Revision:

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

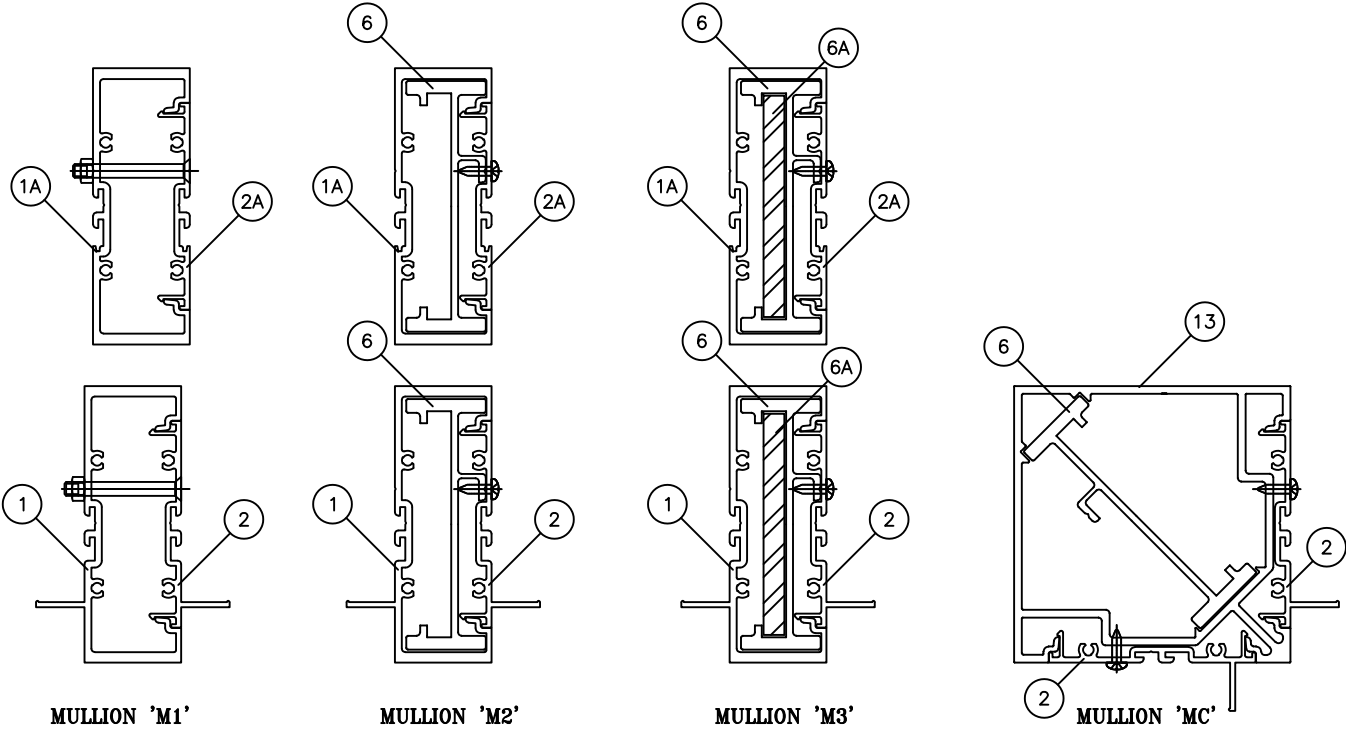
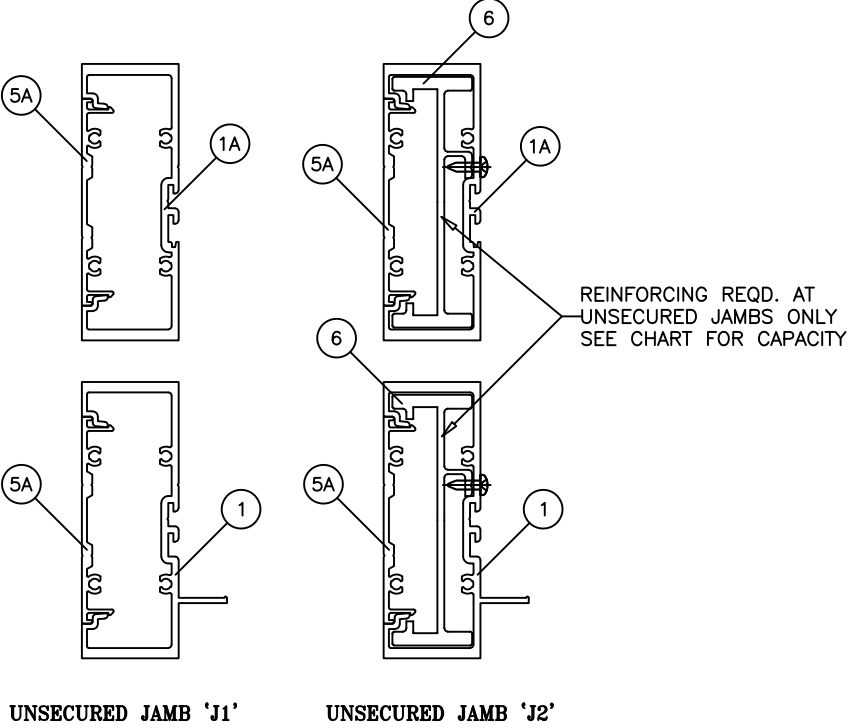
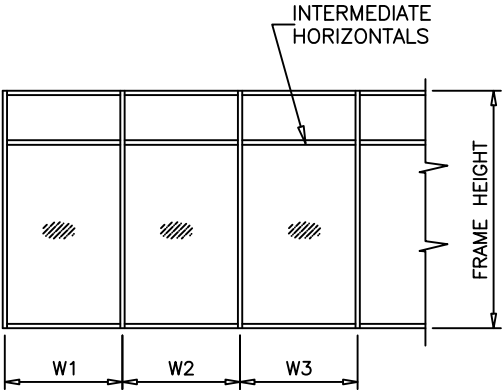


JAMB & MULLION LOAD CAPACITY – PSF									
JAMBS & MULLIONS WITH INTERMEDIATE HORIZONTALS									
NOMINAL DIMS.		JAMB 'J1' MULL 'M1'		JAMB 'J2' MULL 'M2'		JAMB 'J2' MULL 'M3'		MULL 'MC'	
WIDTH (W)	FRAME HEIGHT	POS. (+)	NEG. (-)	POS. (+)	NEG. (-)	POS. (+)	NEG. (-)	POS. (+)	NEG. (-)
30"	84"	80.0	100.0	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

ECO window systems

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.)

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

6/5/2022

By HONG C.

Drawn WW400FPA - LMI

Rev. A

DWG 6 OF 20

Sheet SERIES 400

ANTHONY LYNN MILLER

LICENSE

No. 58705

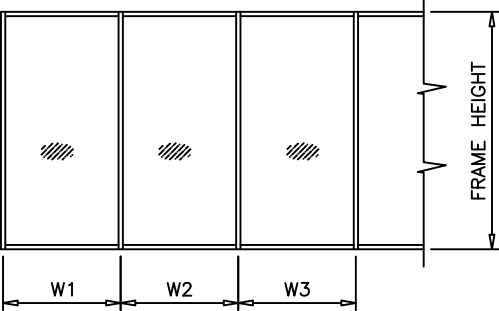
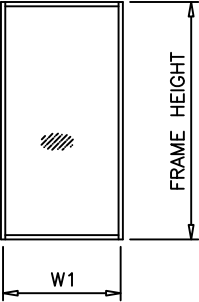
6/6/22

STATE OF FLORIDA

PROFESSIONAL ENGINEER

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

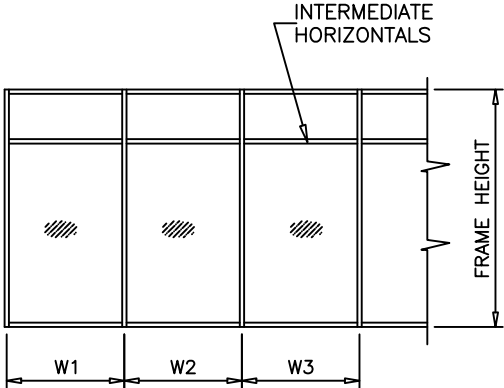
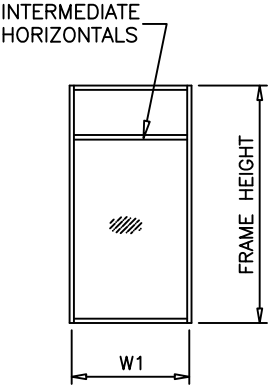
MULLION LOAD CAPACITY – PSF			
MULLIONS WITHOUT INTERMEDIATE HORIZONTALS			
NOMINAL DIMS.		MULL 'M4'	
WIDTH (W)	FRAME HEIGHT	POS. (+)	NEG. (-)
30"	132"	70.0	70.0
36"		70.0	70.0
42"		70.0	70.0
48"		70.0	70.0
54"		70.0	70.0
60"		70.0	70.0
30"	144"	70.0	70.0
36"		70.0	70.0
42"		70.0	70.0
48"		70.0	70.0
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

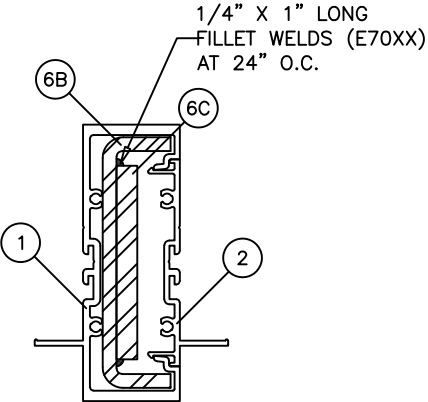
WIDTH (W) = $\frac{W2 + W3}{2}$
AT FRAME MULLION

MULLION 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

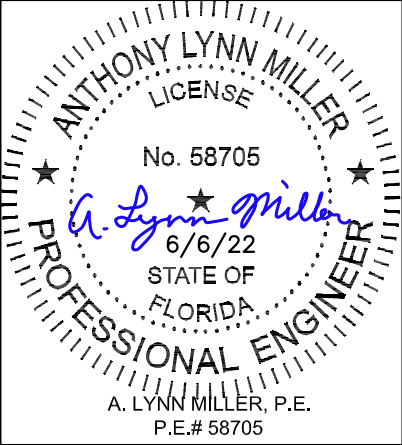
WIDTH (W) = $\frac{W2 + W3}{2}$
AT FRAME MULLION



MULLION 'M4'

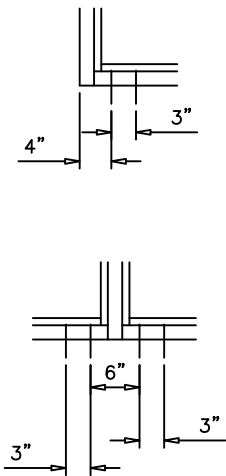
Revision:

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.)	Date	By	Dwg	Sheet
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902	STEEL MULLION CHART	Title	Desc.	Series	No.
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902	SERIES 400	7 OF 20	7 OF 20	7 OF 20	7 OF 20

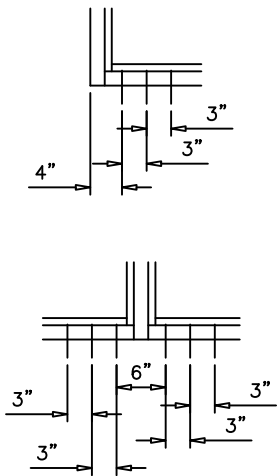


ANCHOR LOAD CAPACITY – PSF							
POS. (+) & NEG. (–)							
NOMINAL DIMS.		ANCHOR TYPE 'A'			ANCHOR TYPE 'B' & 'C'		
WIDTH (W)	FRAME HEIGHT	A2	A3	A4	B2/C2	B3/C3	B4/C4
30"	84"	123.0	130.0	130.0	130.0	130.0	130.0
36"		102.5	130.0	130.0	130.0	130.0	130.0
42"		87.8	130.0	130.0	112.3	130.0	130.0
48"		76.9	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

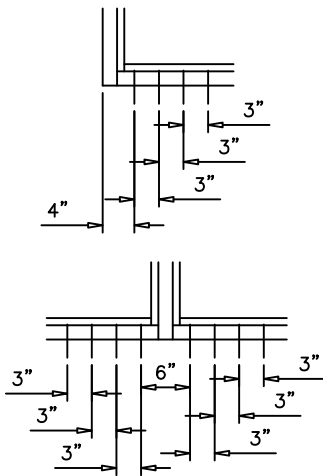
ANCHOR LOAD CAPACITY – PSF							
POS. (+) & NEG. (–)							
NOMINAL DIMS.		ANCHOR TYPE 'A'			ANCHOR TYPE 'B' & 'C'		
WIDTH (W)	FRAME HEIGHT	A2	A3	A4	B2/C2	B3/C3	B4/C4
30"	132"	78.3	117.4	130.0	100.1	130.0	130.0
36"		65.2	97.8	130.0	83.4	125.1	130.0
42"		55.9	83.8	111.8	71.5	107.2	130.0
48"		48.9	73.4	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



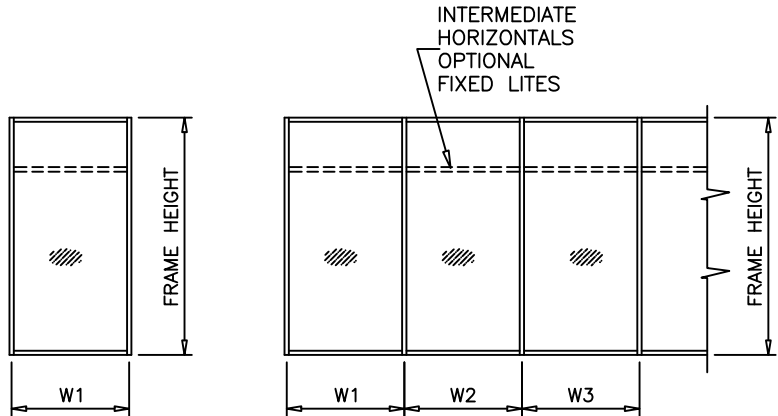
A4, B4, C4

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



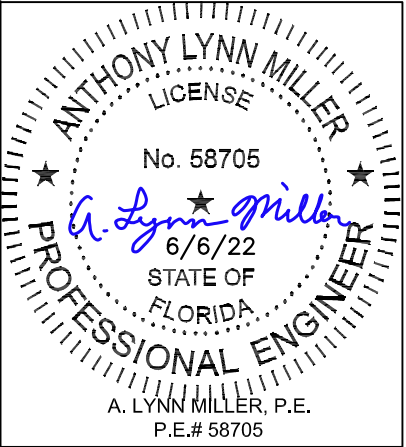
WIDTH (W) = W1
AT FRAME JAMB

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

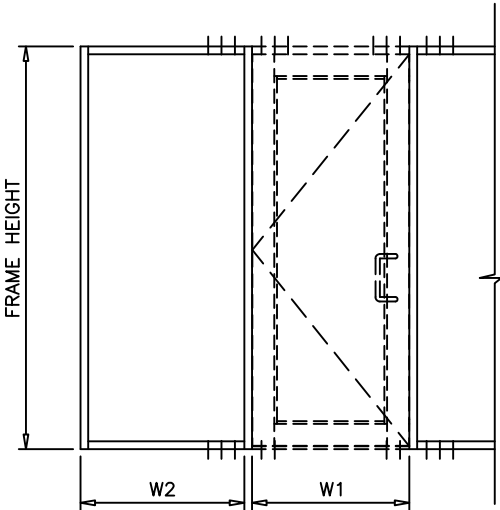
NOTE:
USE SHEAR CLIP UW-403 AT
ANCHOR LOCATIONS OF SUFFICIENT LENGTH
TO COVER ALL ANCHOR SPACINGS

Revision:

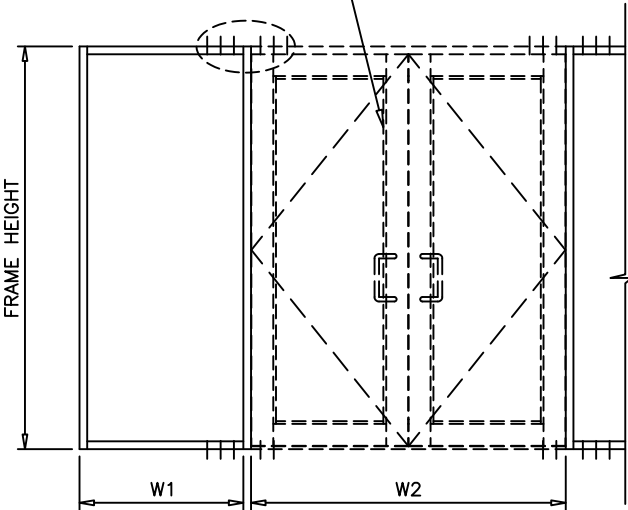
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	6/5/2022	HONG C.	WW400FPA - LMI	A
 ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902	SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)	ANCHOR SPACING AND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



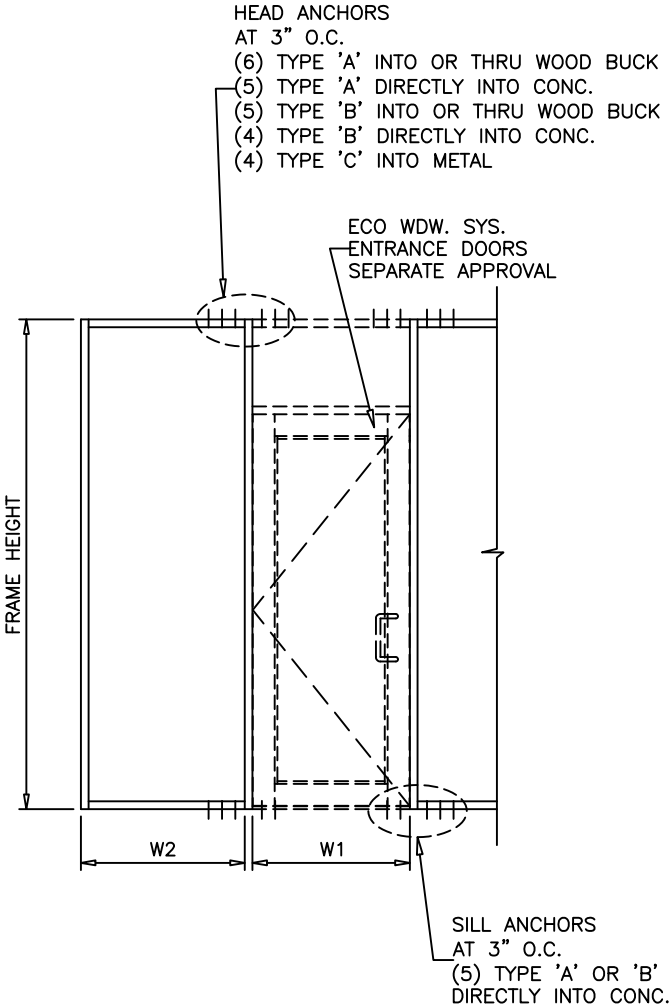
DOOR MULLION LOAD CAPACITY - PSF					
NOMINAL DIMS.		ALUMINUM REINF.		ALUM. + STEEL REINF.	
WIDTH (W)	FRAME HEIGHT	POS. (+)	NEG. (-)	POS. (+)	NEG. (-)
36"	84"	70.0	80.0	70.0	80.0
42"		70.0	80.0	70.0	80.0
48"		70.0	80.0	70.0	80.0
54"		70.0	80.0	70.0	80.0
60"		70.0	80.0	70.0	80.0
36"	90"	70.0	80.0	70.0	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
60"		70.0	80.0	70.0	80.0
36"	96"	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
60"		70.0	80.0	70.0	80.0
36"	102"	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
58"		70.0	80.0	70.0	80.0
36"	108"	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
55"		70.0	80.0	70.0	80.0
36"	114"	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
52"		70.0	80.0	70.0	80.0
36"	120"	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
49"		70.0	80.0	70.0	80.0
36"	126"	70.0	80.0	70.0	80.0
42"		70.0	80.0	70.0	80.0
47"		70.0	75.0	70.0	80.0
36"	132"	70.0	80.0	70.0	80.0
42"		70.0	73.0	70.0	80.0
45"		68.1	68.1	70.0	80.0



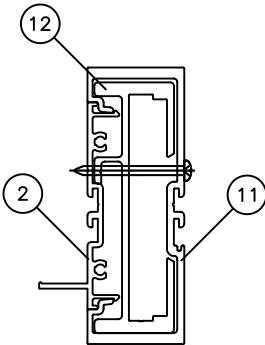
WIDTH (W) = $\frac{W1 + W2}{2}$



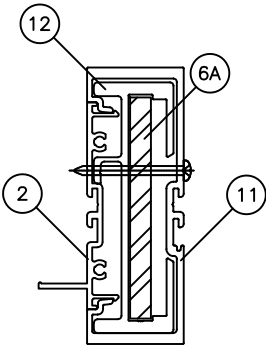
WIDTH (W) = $\frac{W1}{2} + \frac{W2}{4}$



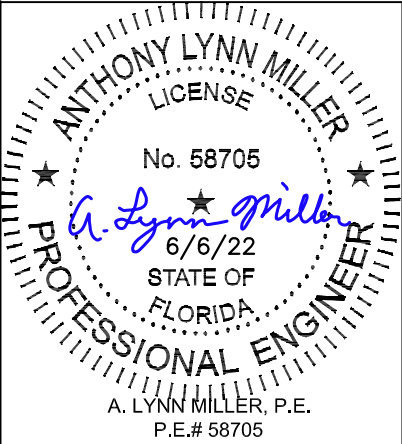
WIDTH (W) = $\frac{W1 + W2}{2}$

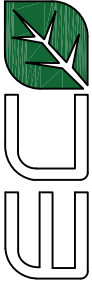


DOOR MULLION
ALUMINUM REINF.



DOOR MULLION
ALUM. + STEEL REINF.



 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	
Desc.	DOOR MULLION CHART		By	HONG C.	
Series	SERIES 400	Sheet	9 OF 20		DWG No.
			WW400FPA - LMI		Rev.
					A

Revision:

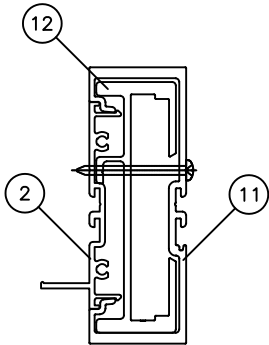
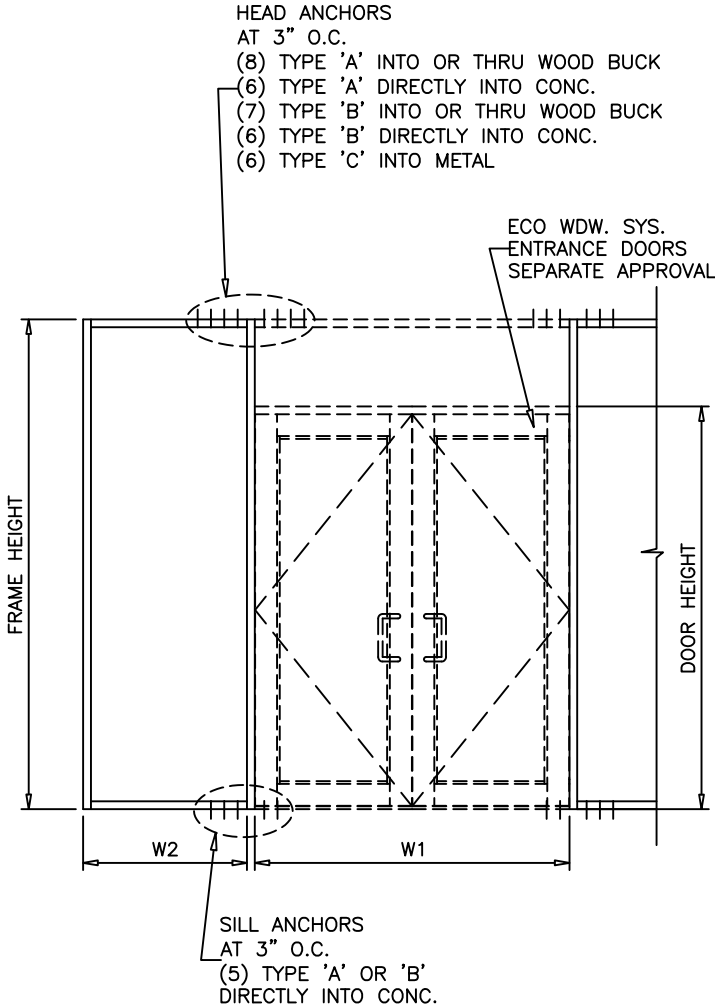
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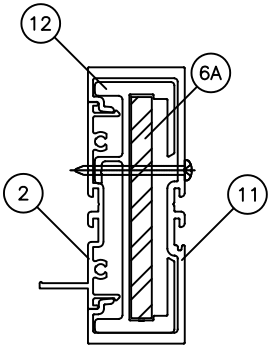
DOOR MULLION LOAD CAPACITY – PSF							
NOMINAL DIMS.				ALUMINUM REINF.		ALUM. + STEEL REINF.	
WIDTH (W1)	WIDTH (W2)	FRAME HEIGHT	DOOR HEIGHT	POS. (+)	NEG. (-)	POS. (+)	NEG. (-)
85–3/4"	30"	108"	84"	70.0	80.0	70.0	80.0
	36"			70.0	80.0	70.0	80.0
	42"			70.0	80.0	70.0	80.0
	48"			70.0	80.0	70.0	80.0
	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

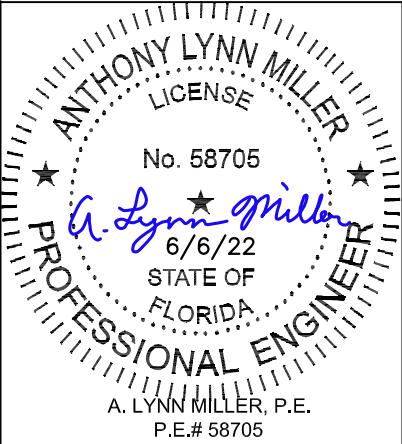
DOOR MULLION LOAD CAPACITY – PSF							
NOMINAL DIMS.				ALUMINUM REINF.		ALUM. + STEEL REINF.	
WIDTH (W1)	WIDTH (W2)	FRAME HEIGHT	DOOR HEIGHT	POS. (+)	NEG. (-)	POS. (+)	NEG. (-)
85–3/4"	30"	108"	108"	60.0	60.0	70.0	80.0
	36"			60.0	60.0	70.0	80.0
	42"			60.0	60.0	70.0	80.0
	48"			60.0	60.0	70.0	80.0
	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



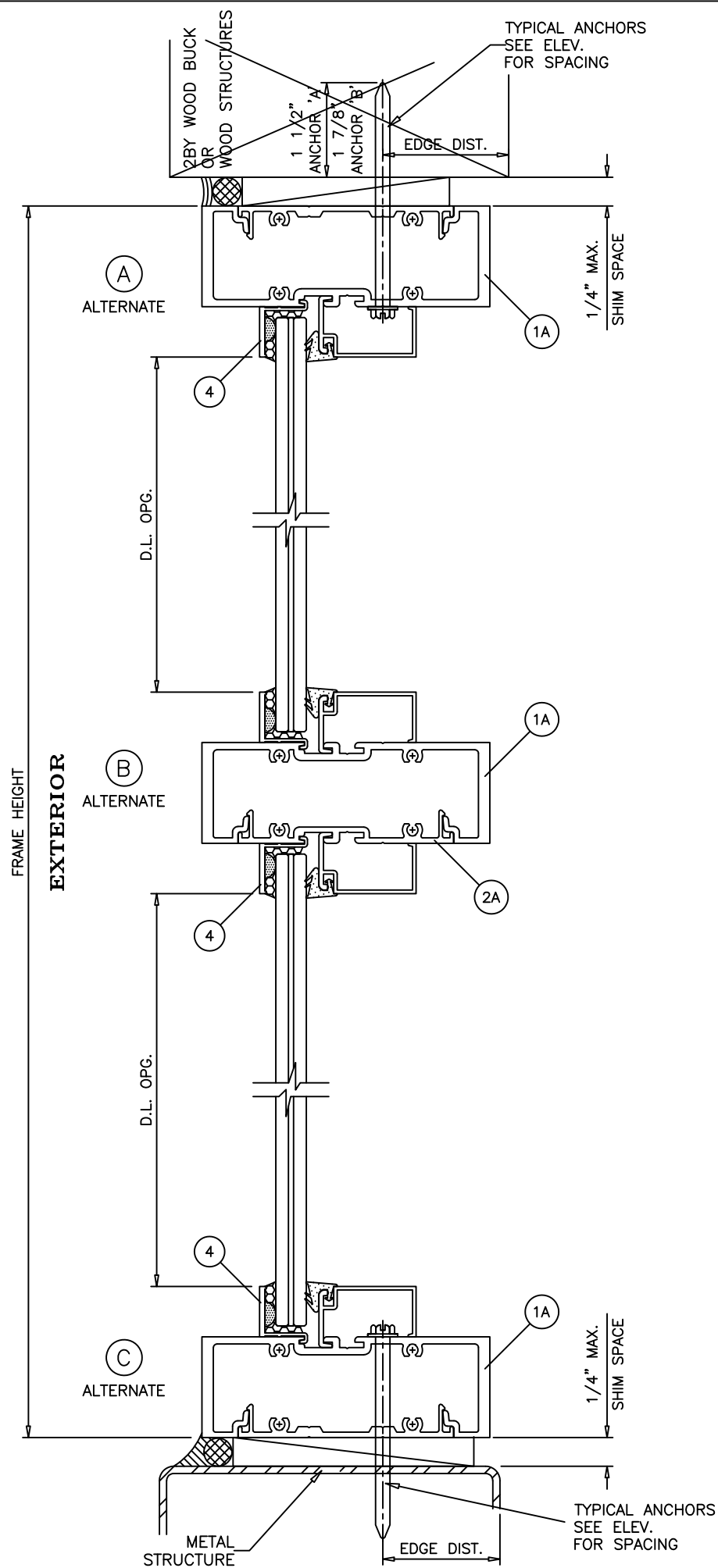
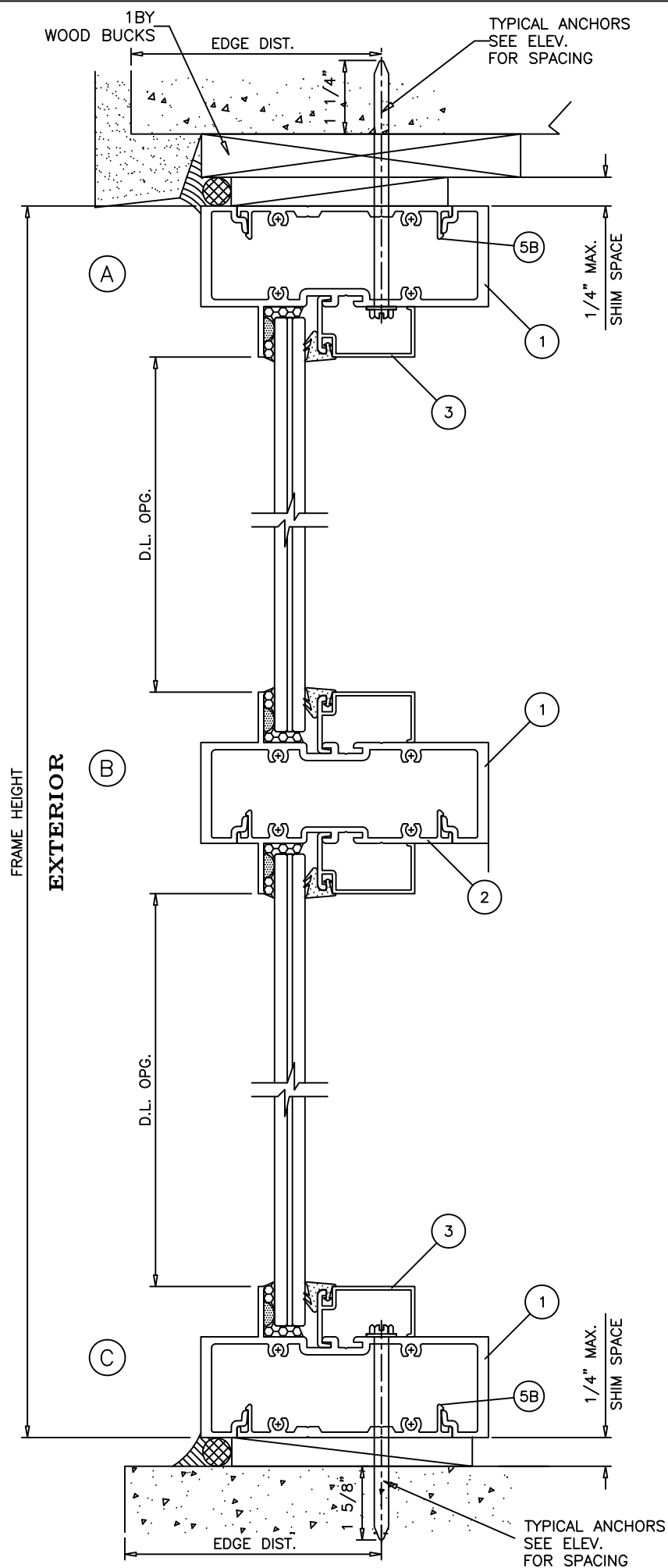
DOOR MULLION
ALUMINUM REINF.



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.

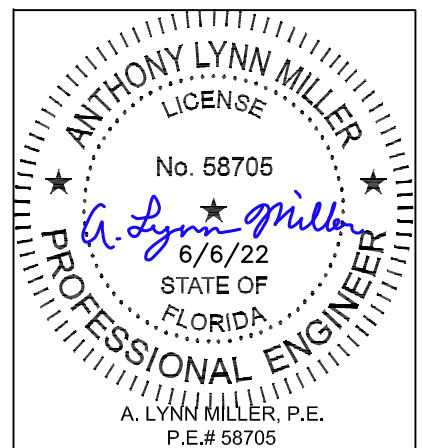
WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.

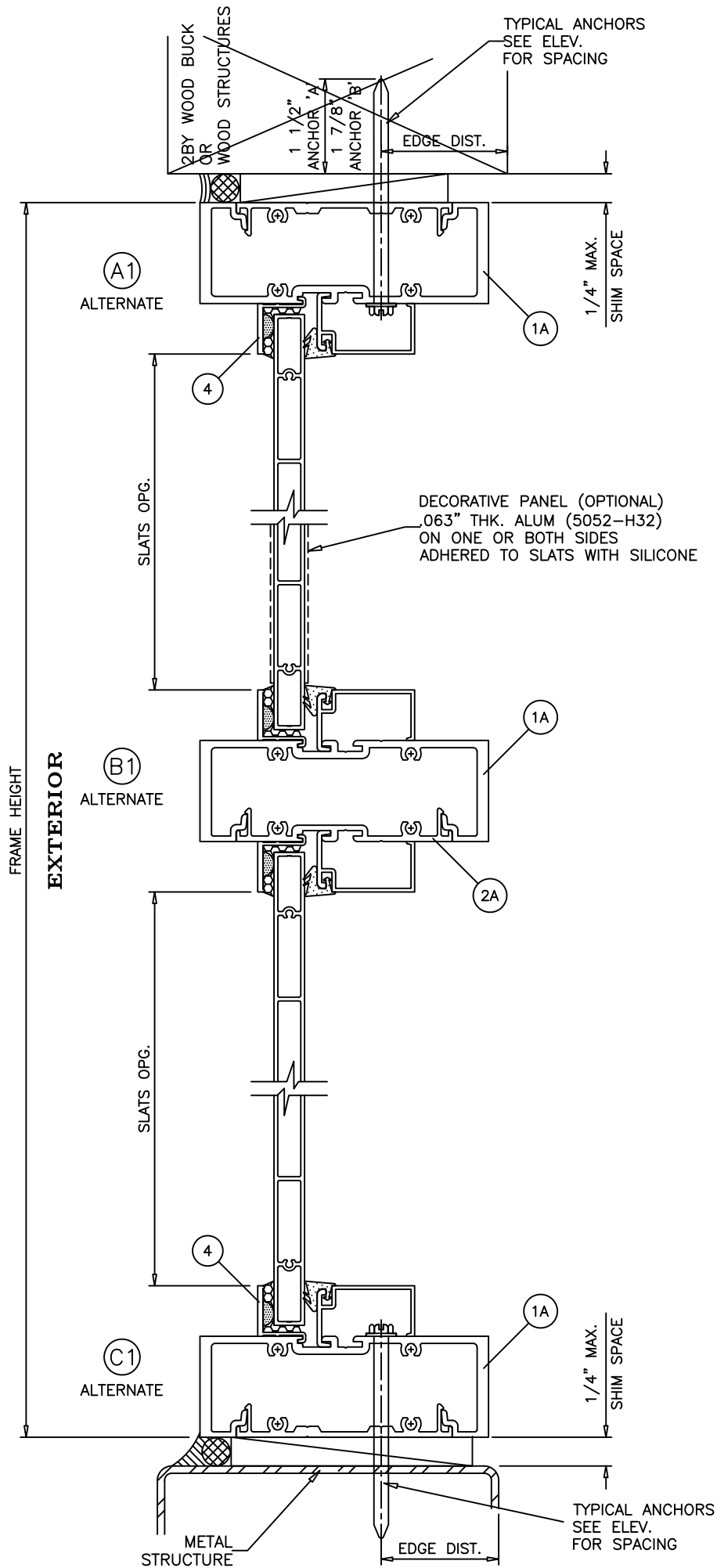
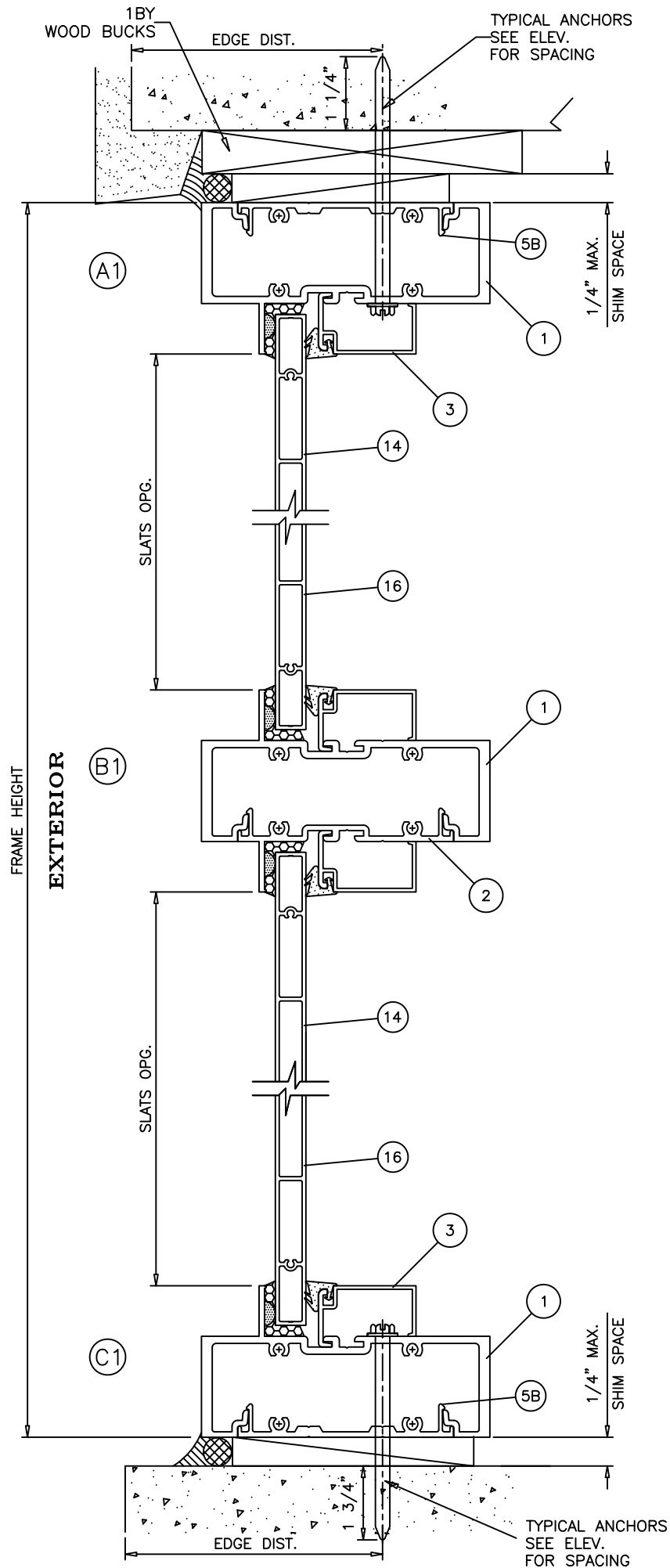
CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.

C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

Revision:

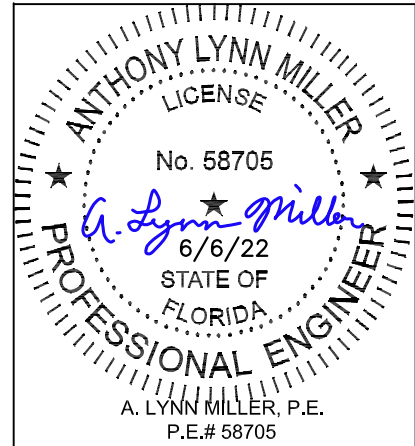
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	6/5/2022	HONG C.	A
ECO WINDOW SYSTEMS, LLC. 8602 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902	SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)	By	DWC	A
window systems VERTICAL SECTION DETAILS & ANCHOR SPECIFICATIONS	SERIES 400	11 OF 20	Sheet	A

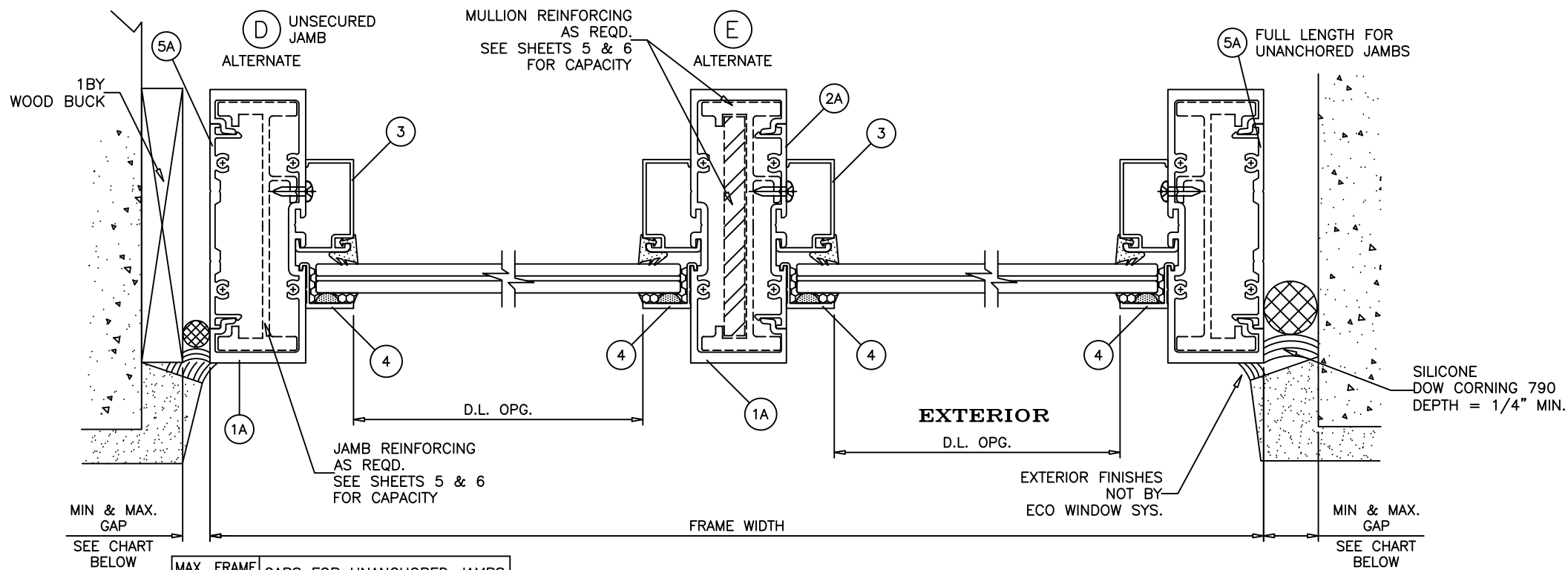
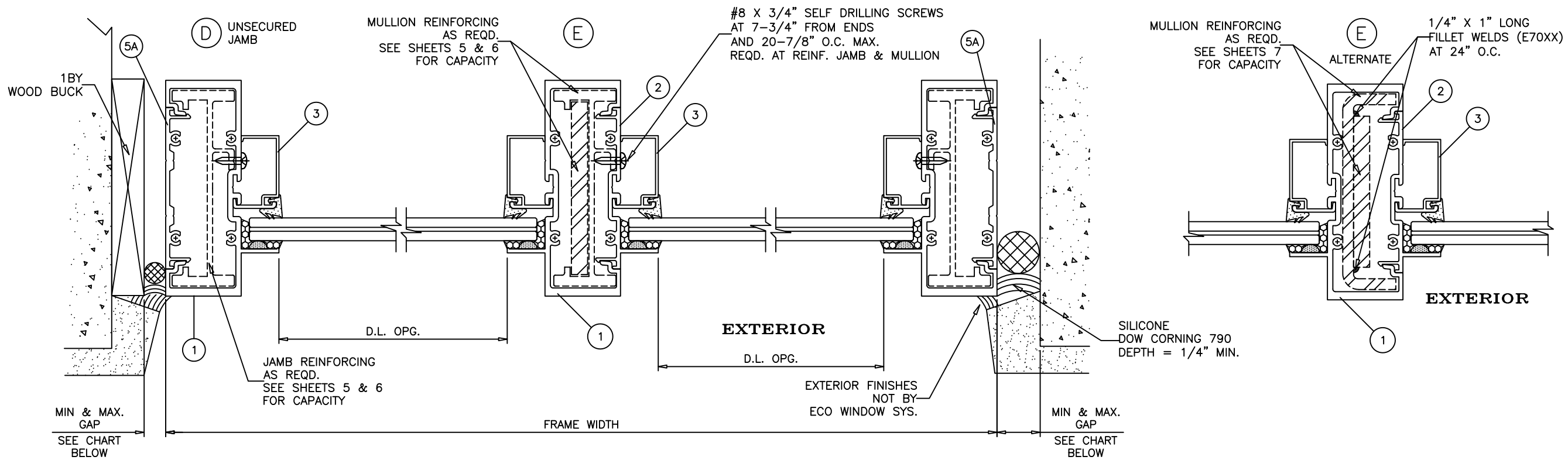




Revision:	

 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			
Title		SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		Date	6/5/2022
Series Desc.		VERTICAL SECTIONS CONT.		By Dawn	HONG C.
SERIES 400		12 OF 20		DWG No.	WW400FPA - LMI
Sheet				Rev.	
				A	

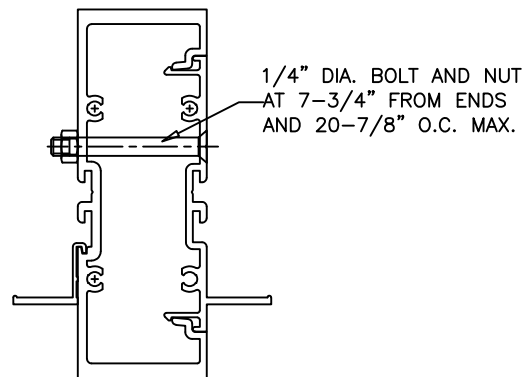




MAX. FRAME HEIGHT UP TO	GAPS FOR UNANCHORED JAMBS	
	MIN.	MAX.
120"	1/4"	1"
132"	3/8"	1"

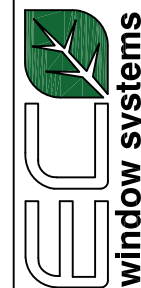
NOTE:
MAX. MOVEMENT CONSIDERED=100% STRETCH.
PLEASE REFER TO SEALANT MANUFACTURER'S DATA AND APPLICATION MANUAL FOR COMPATABILITY OF SEALANT TO SUBSTRATE & WINDOW WALL MATERIAL/FINISH AND COMPLIANCE FOR WARRANTY.
REFER TO ACI-117-10 FOR CONSTRUCTION TOLERANCES.

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



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

REGISTRATION #29296

Date 6/5/2022

By HONG C.

DWG No. WW400FPA - LMI

Sheet 13 OF 20

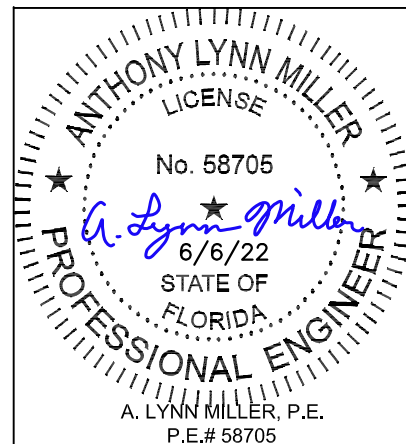
Series 400

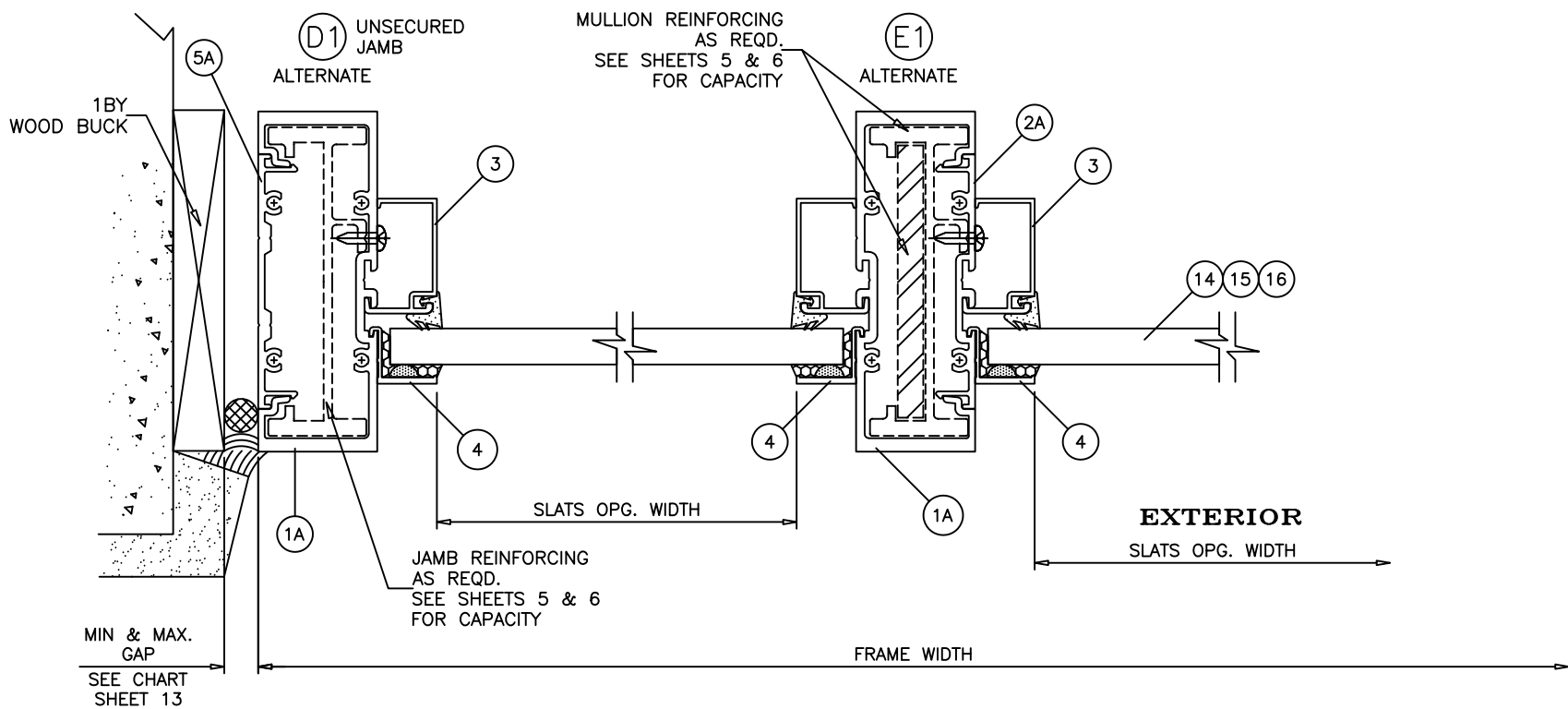
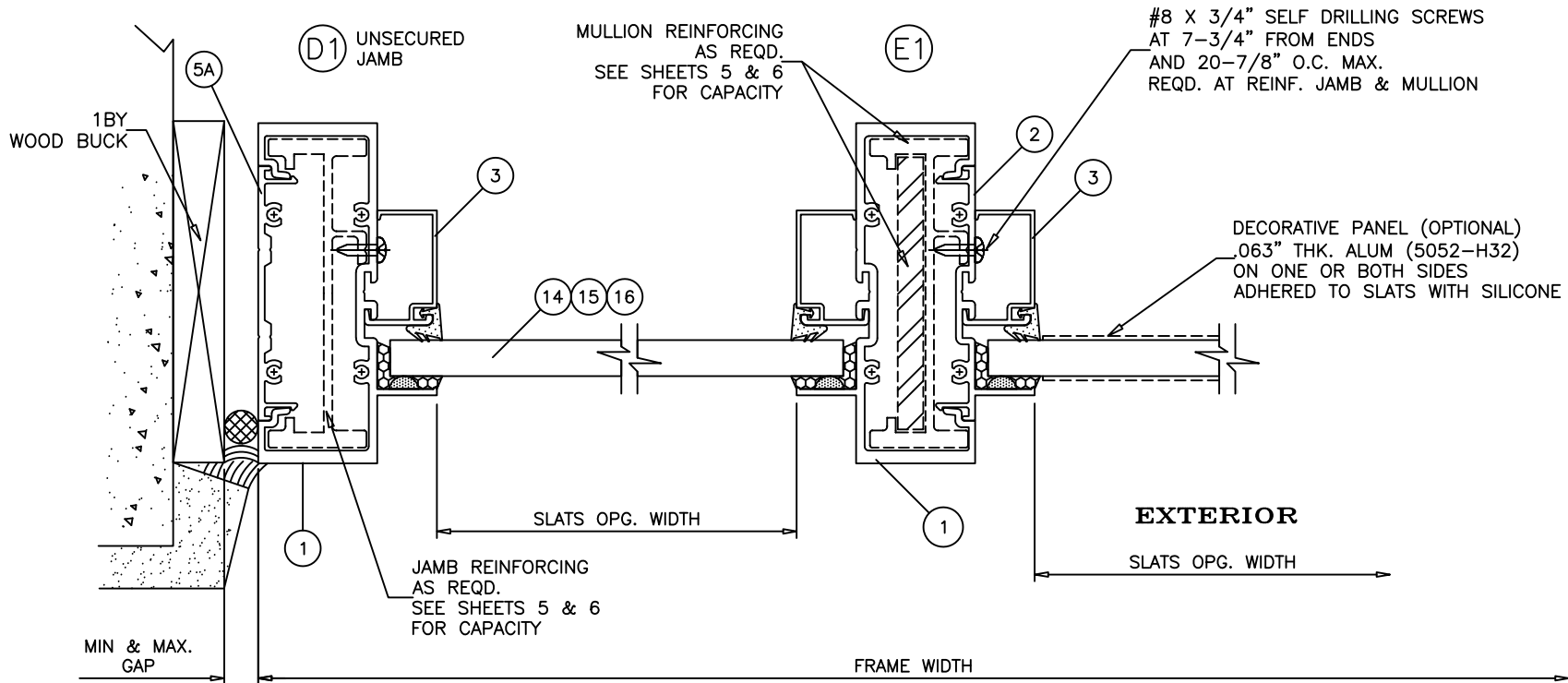
Desc.

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

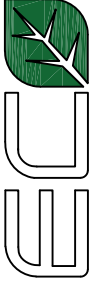
UNSECURED JAMB HORIZONTAL DETAILS

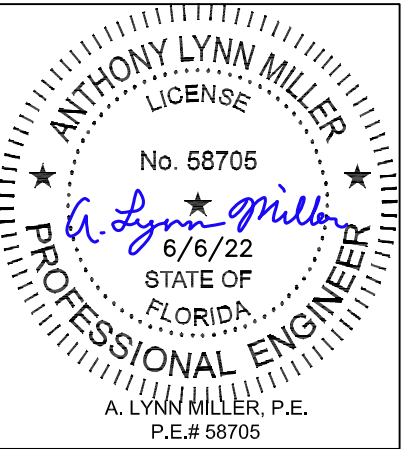
Rev. A

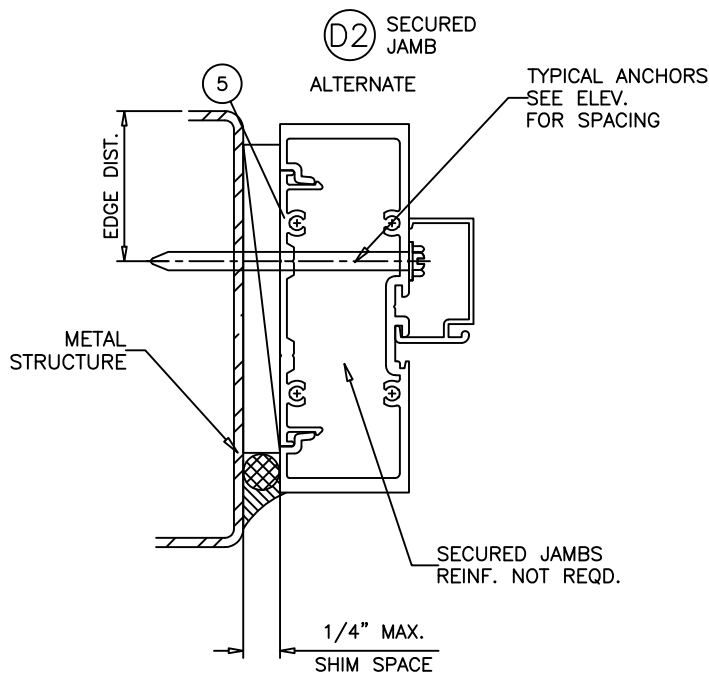
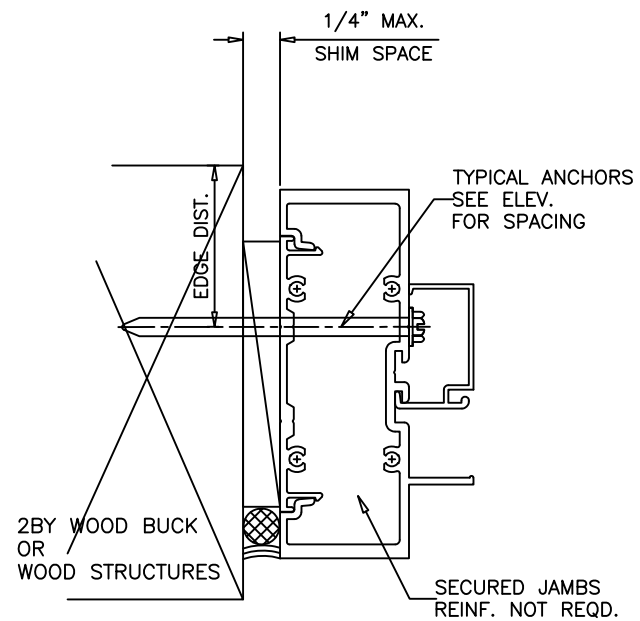
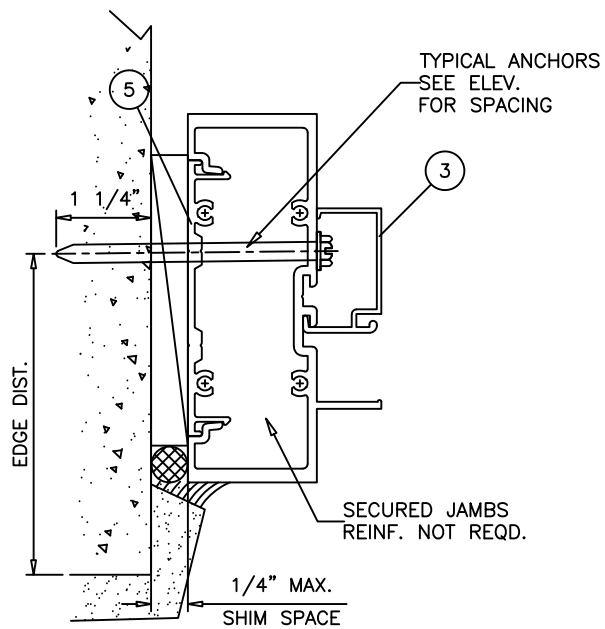
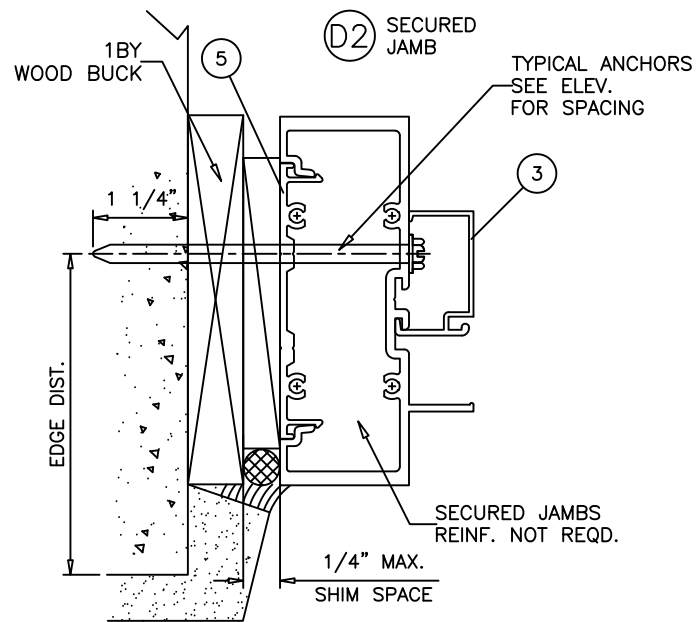




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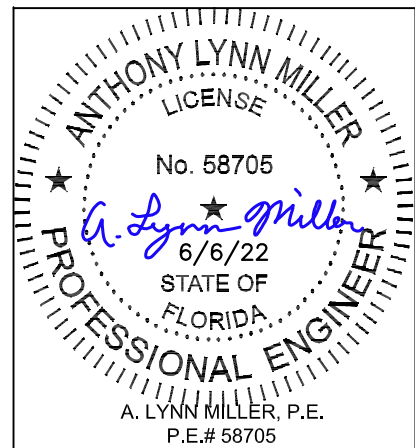
 ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600			
		REGISTRATION #29296			
Title		SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		Date	6/5/2022
Series Desc.		UNSECURED JAMB HORIZONTAL DETAILS CONT.		Drawn By	HONG C.
Sheet		14 OF 20		DWG No.	WW400FPA - LMI
Rev.		A			

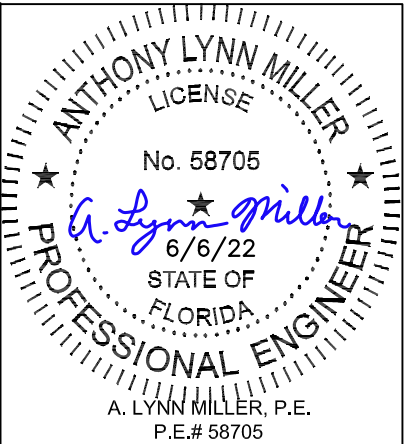
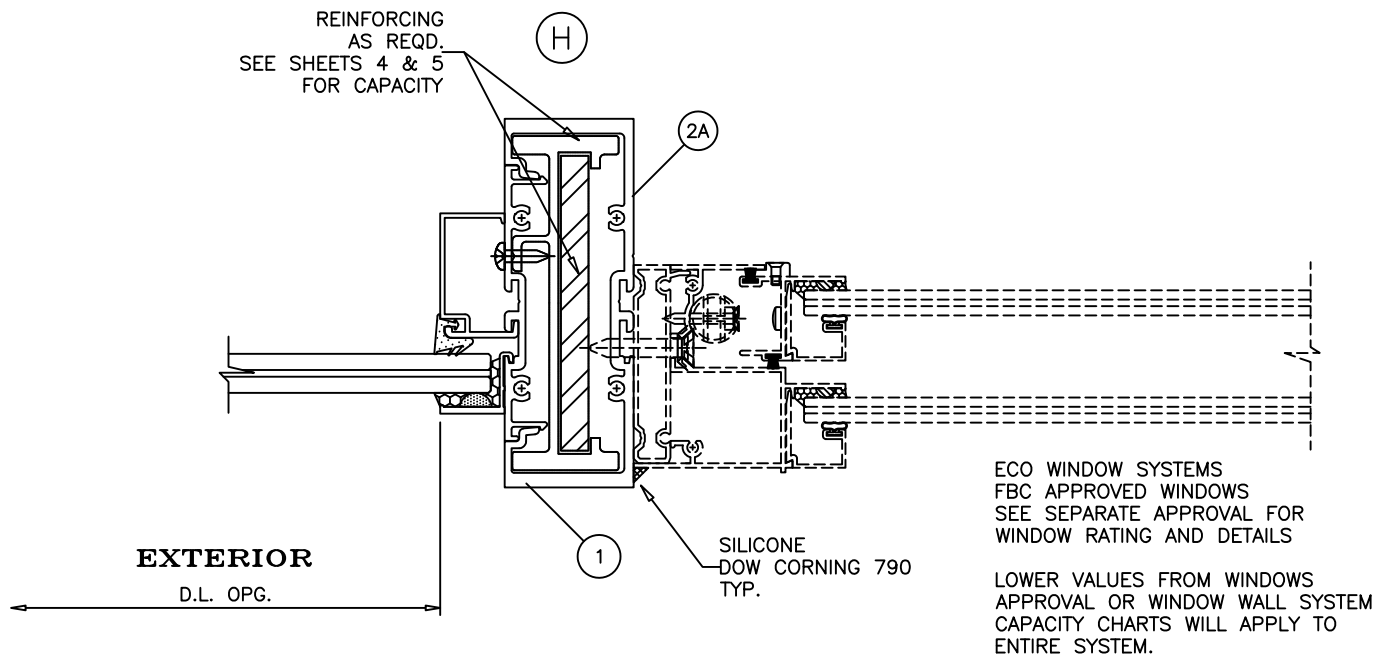
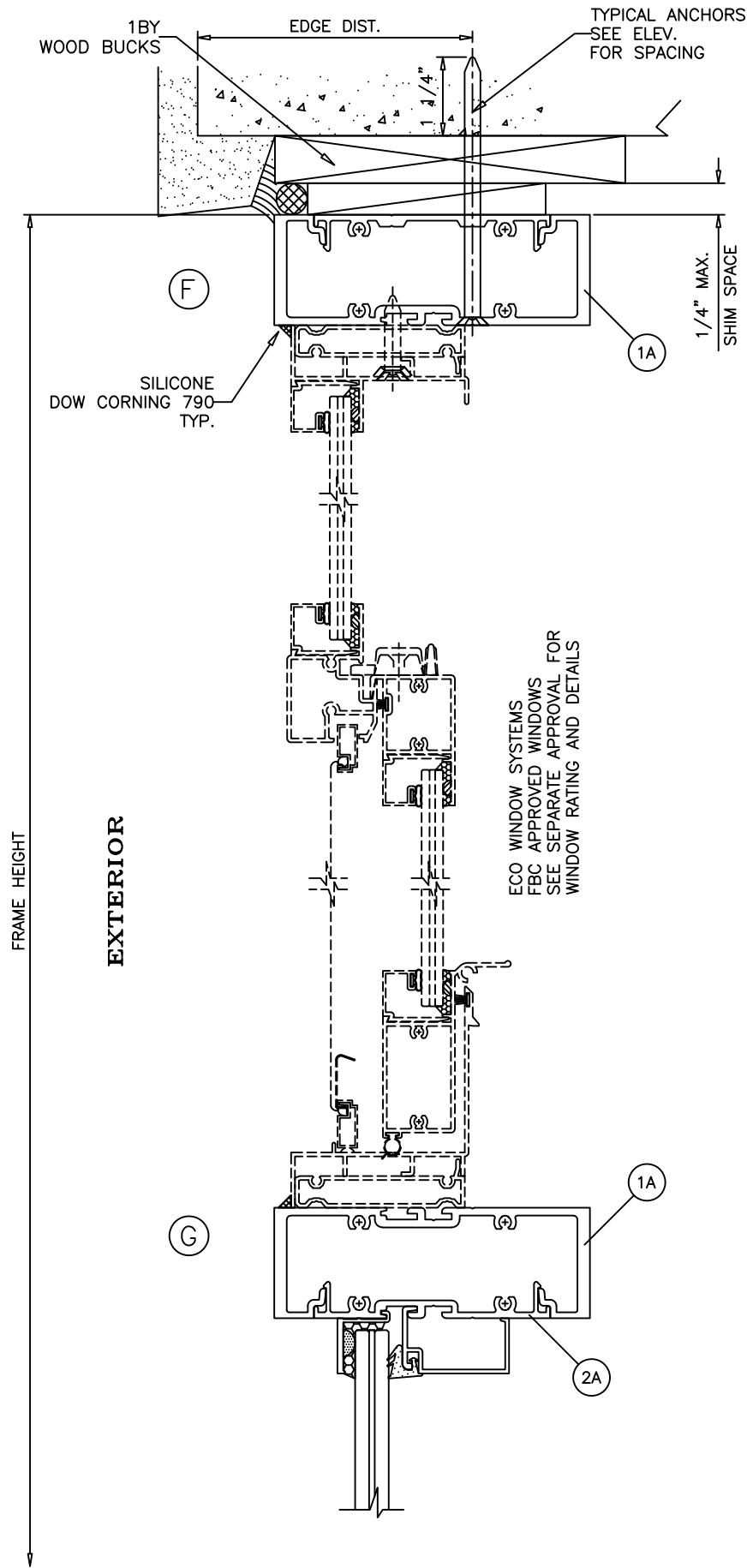


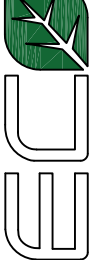


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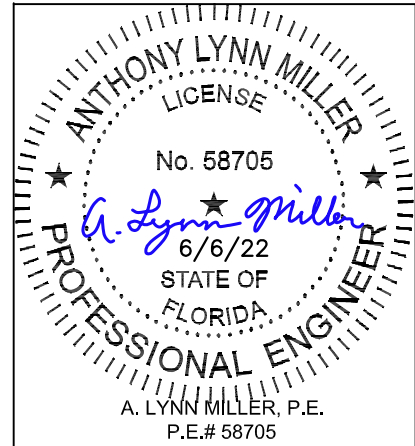
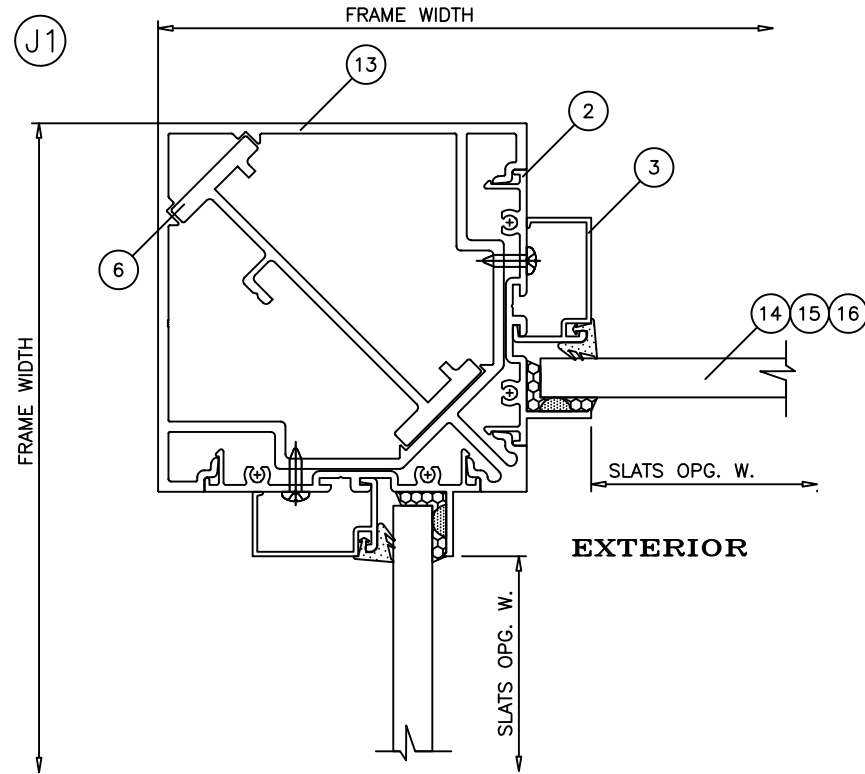
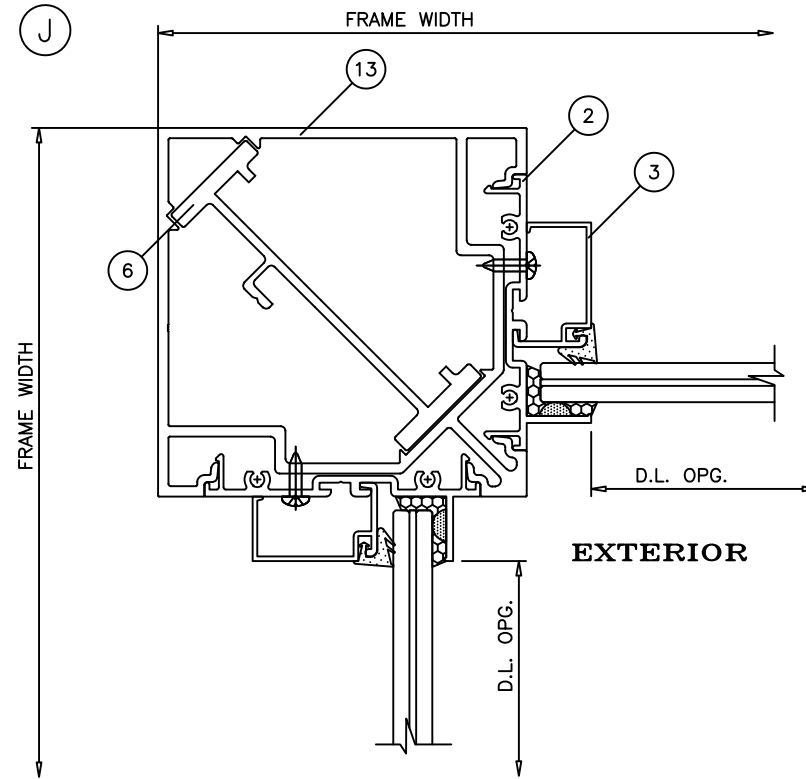
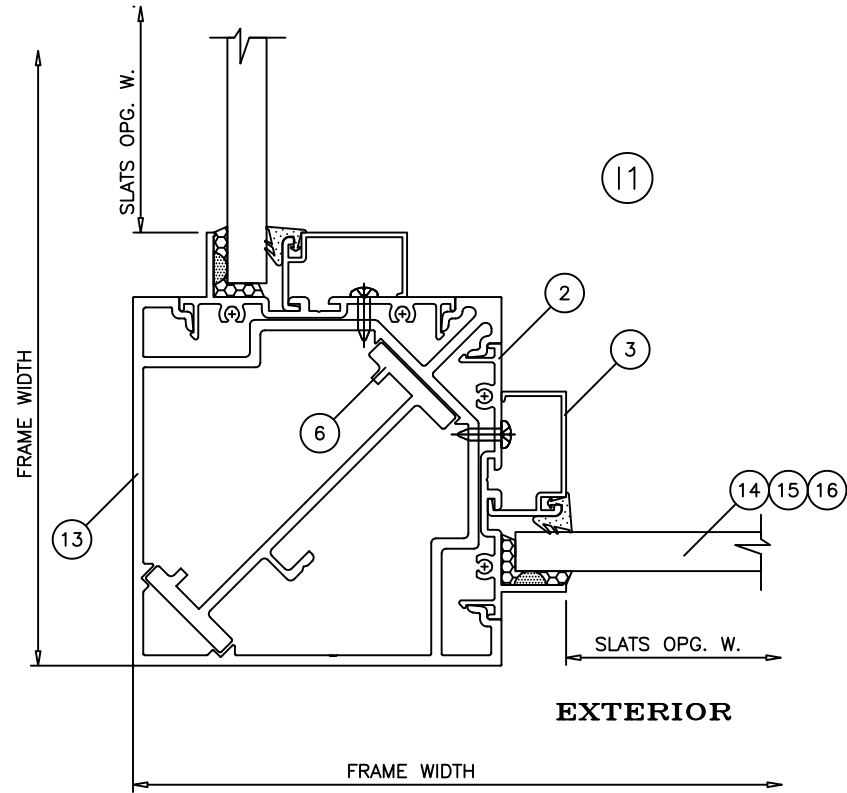
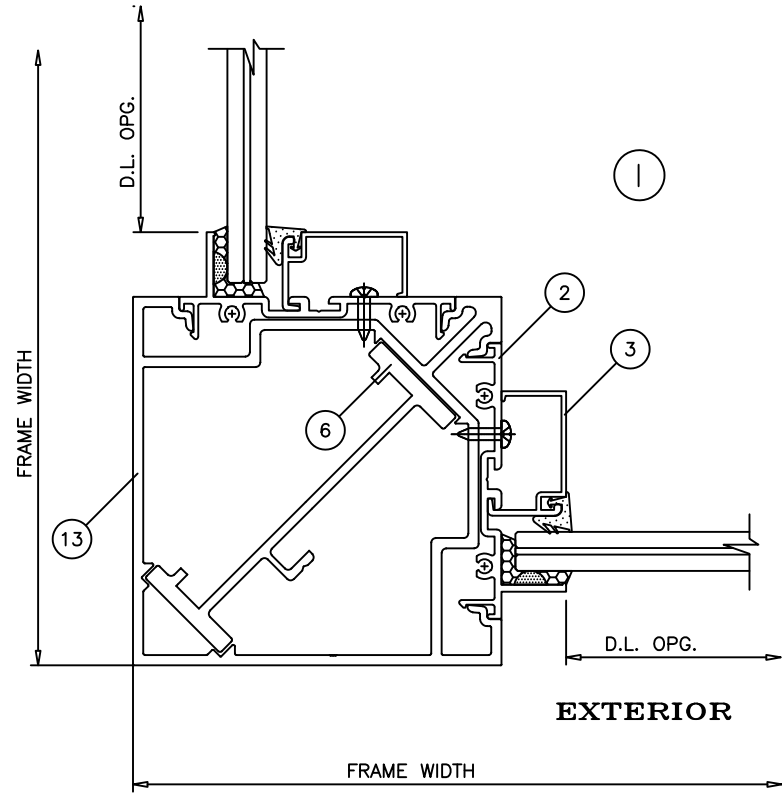
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		6/5/2022		A	
ECO WINDOW SYSTEMS, LLC. 8602 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902		HONG C.		WW400FPA - LMI		Rev.	
SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		HONG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

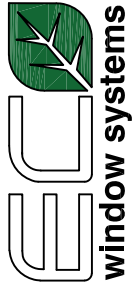




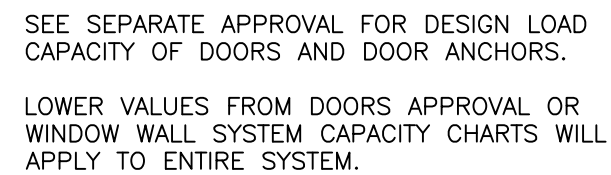
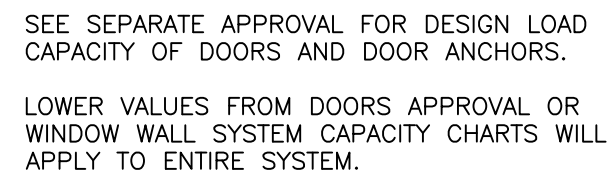
 ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600				REGISTRATION #29296	
		SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)					
		Window Insert Horizontal & Vertical Section Details		Drawn By HONG C.		Date 6/5/2022	
		Series Desc.					
Series	SERIES 400	Sheet 16 OF 20	DWG No.	WW400FPA - LMI		Rev. A	

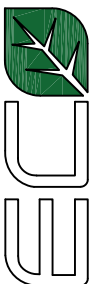
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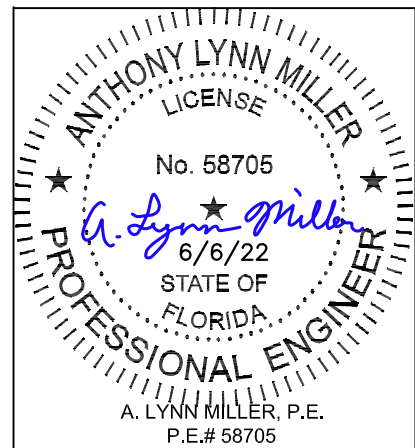


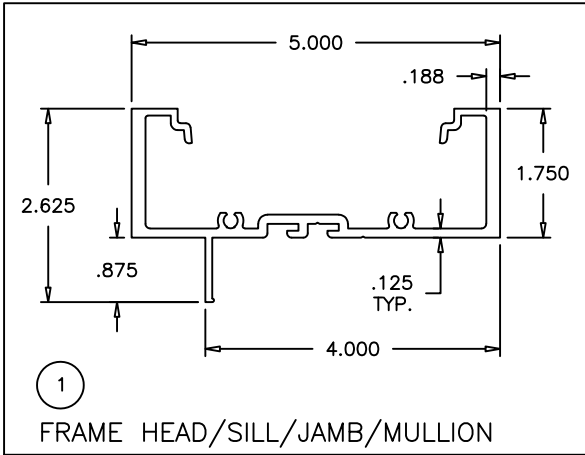
 ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296	
	SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		HONG C.	
CORNER MULLION HORIZONTAL SECTION DETAILS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

Revision:

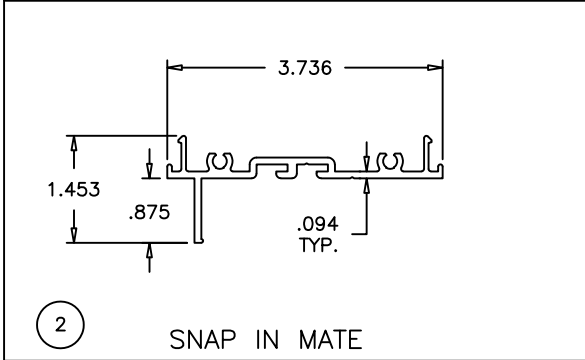


		window systems		ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	
				REGISTRATION #29296			
Title		SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)		Date		6/5/2022	
Series Desc.		DOOR MULLION SECTION DETAILS		By		HONG C.	
Sheet		18 OF 20		DWG No.		WW400FPA - LMI	
Series		SERIES 400		Rev.		A	

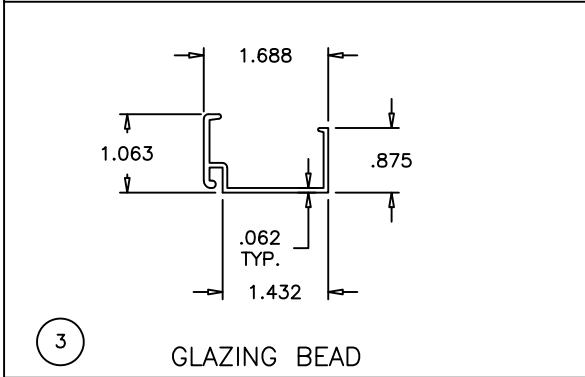




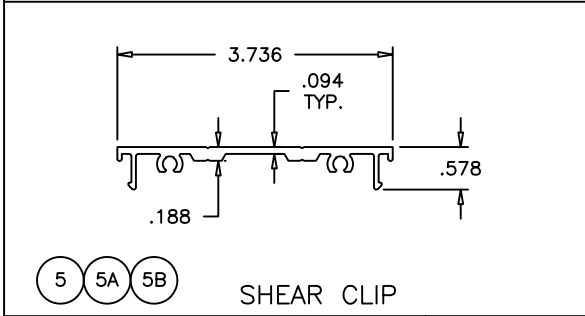
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FRAME HEAD/SILL/JAMB/MULLION



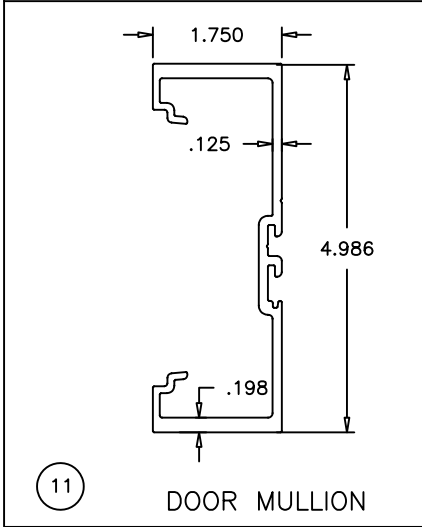
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SNAP IN MATE



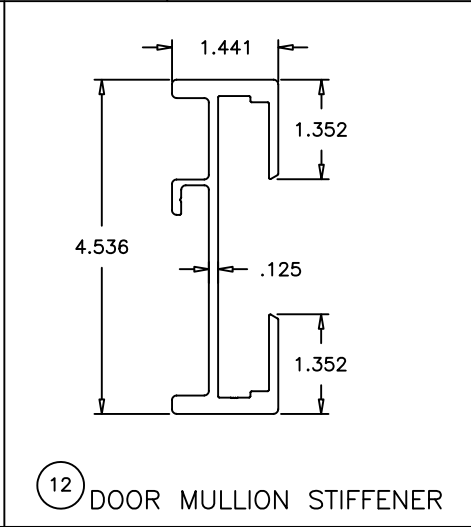
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GLAZING BEAD



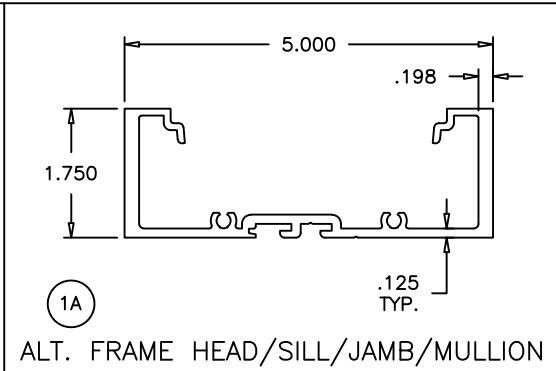
5 5A 5B
SHEAR CLIP



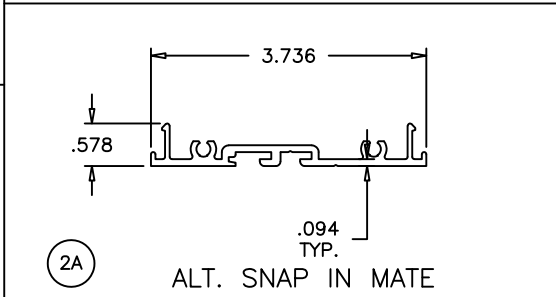
11
DOOR MULLION



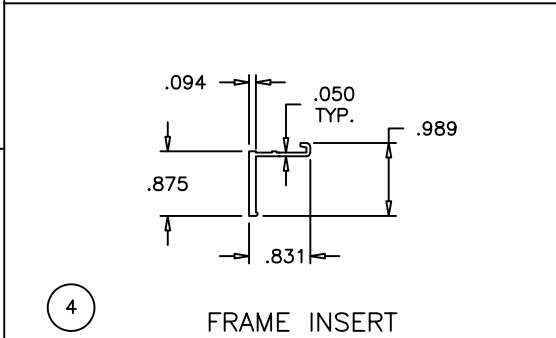
12
DOOR MULLION STIFFENER



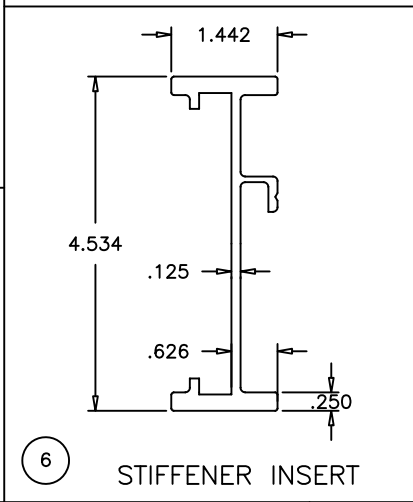
1A
ALT. FRAME HEAD/SILL/JAMB/MULLION



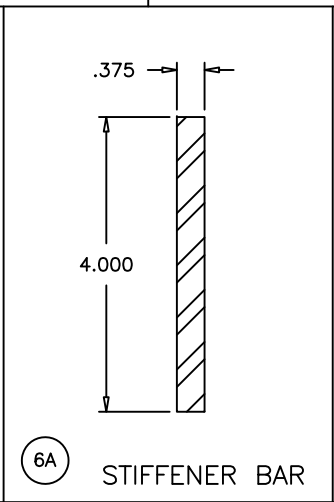
2A
ALT. SNAP IN MATE



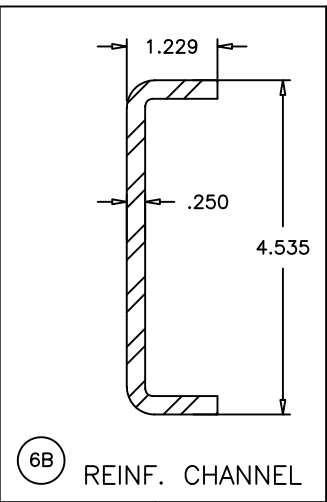
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FRAME INSERT



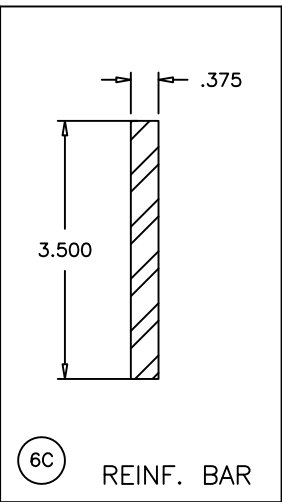
6
STIFFENER INSERT



6A
STIFFENER BAR



6B
REINF. CHANNEL

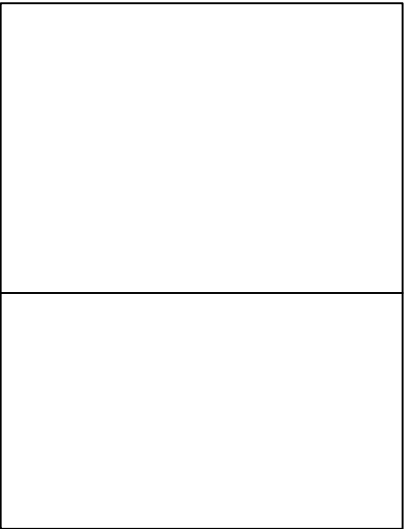


6C
REINF. BAR

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	-

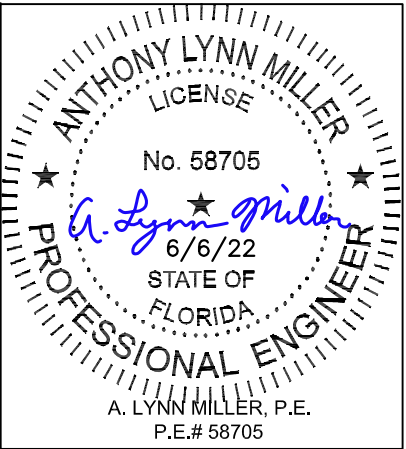
SEALANTS:

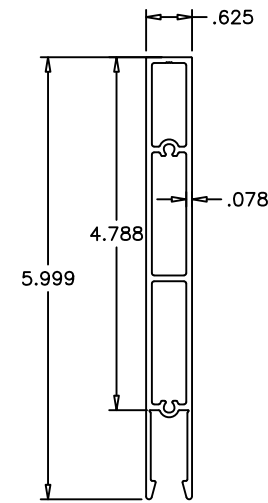
ALL FRAME JOINTS AND SEAMS SEALED WITH SCHNEE-MOREHEAD SM5504 ACRYL-R SEAM SEALER.



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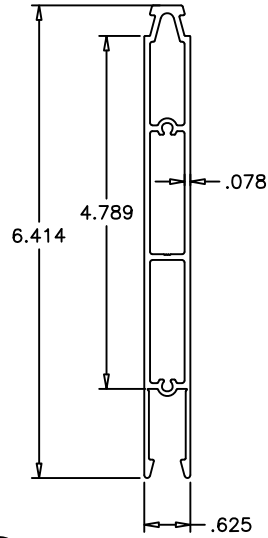
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	6/5/2022	HONG C.	WW400FPA - LMI	A
ECO WINDOW SYSTEMS, LLC. 8602 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902	SERIES 400 ALUM. WINDOW WALL SYSTEM (L.M.I.)	BOM & EXTRUSION PROFILES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





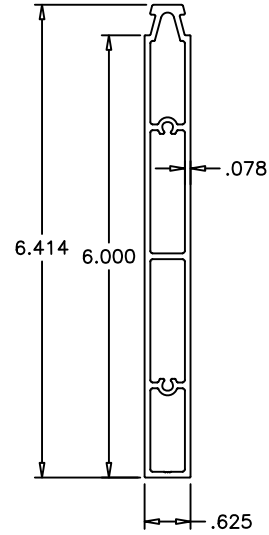
14

TOP SLAT



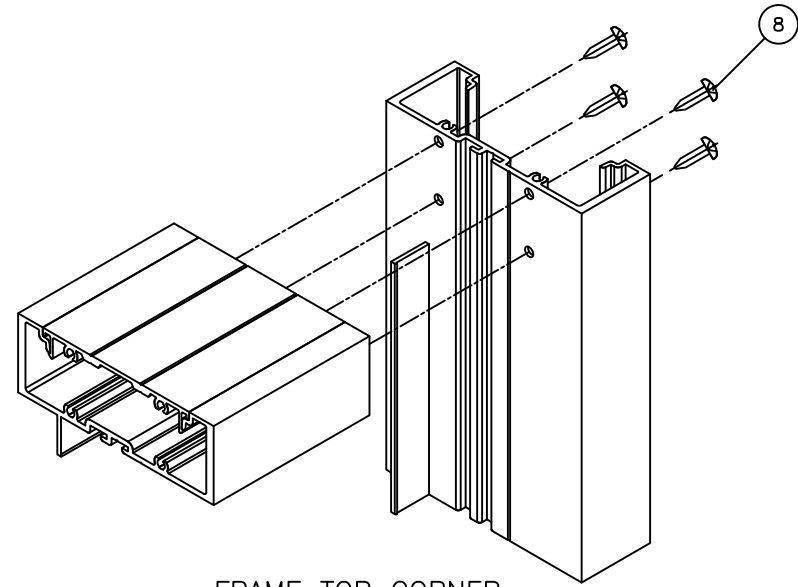
15

INTERMEDIATE SLAT

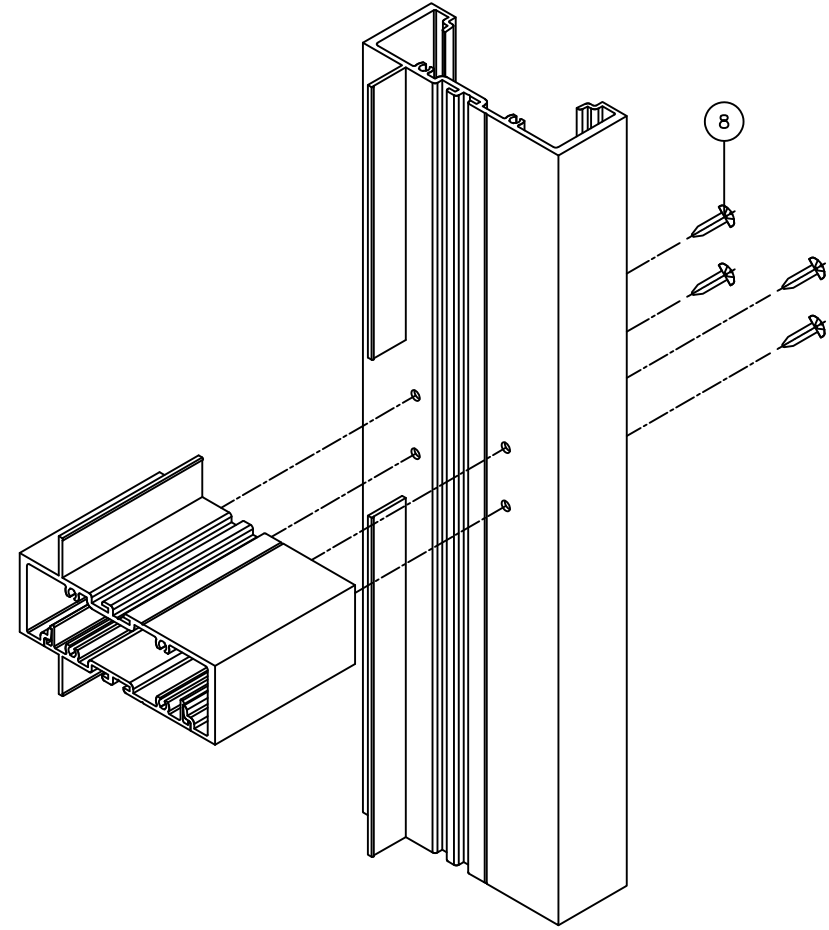


16

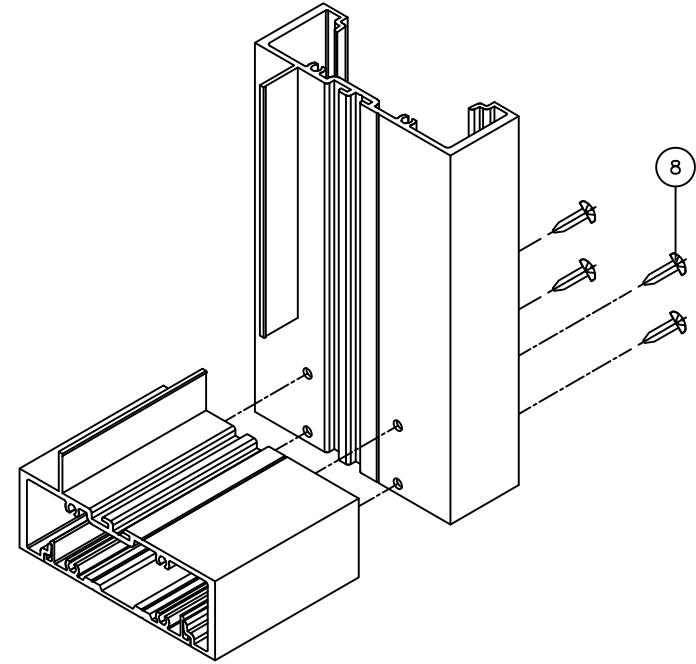
BOTTOM SLAT



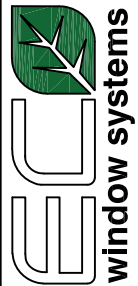
FRAME TOP CORNER



HORIZONTAL CORNER



FRAME BOTTOM CORNER

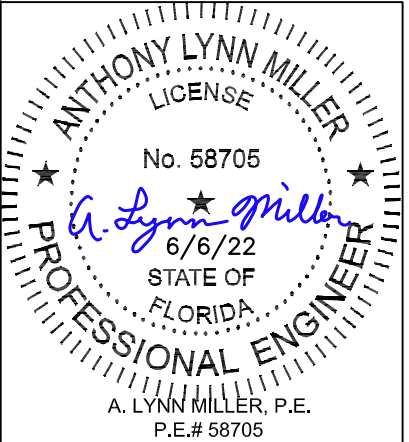


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REGISTRATION #29296

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: