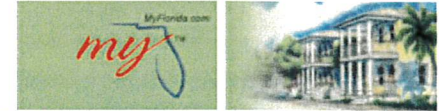


FLORIDA DEPARTMENT OF
Business & Professional Regulation[DBPR HOME](#) | [ABOUT DBPR](#) | [DBPR DIVISIONS](#) | [CONTACT DBPR](#)[BCIS Home](#) | [Log In](#) | [User Registration](#) | [Hot Topics](#) | [Submit Surcharge](#) | [Stats & Facts](#) | [Publications](#) | [Contact Us](#) | [BCIS Site Map](#) | [Links](#) | [Search](#)**Product Approval**
USER: Public UserOFFICE OF THE
SECRETARY[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #

FL25674-R7

Application Type

Revision

Code Version

2023

Application Status

Approved

Comments

Archived

Product Manufacturer

Eco Window Systems

Address/Phone/Email

8502 NW 80th Street
Suite 103
Medley, FL 33166
(305) 885-5299
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

Exterior Doors

Subcategory

Sliding Exterior Door Assemblies

Compliance Method

Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer

Evaluation Report - Hardcopy Received

Florida Engineer or Architect Name who developed the Evaluation Report

A. Lynn Miller, P.E.

Florida License

PE-58705

Quality Assurance Entity

Keystone Certifications, Inc.

Quality Assurance Contract Expiration Date

12/31/2032

Validated By

Steven M. Urlich, PE

✓ Validation Checklist - Hardcopy Received

Certificate of Independence

[FL25674_R7_COI_Cert of Independence.pdf](#)

Referenced Standard and Year (of Standard)

Standard

TAS 201

Year

1994

TAS 202

1994

TAS 203

1994

Equivalence of Product Standards
Certified By

Sections from the Code

Product Approval Method

Method 1 Option D

Date Submitted

10/06/2023

Date Validated

10/13/2023

Date Pending FBC Approval

10/21/2023

Date Approved

12/13/2023

Summary of Products

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

25674.5	Series 755 Aluminum Sliding Glass Door	Small Missile Impact resistant aluminum sliding glass door.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see the enclosed documents for product performance information, anchorage details, and anchor type, size, and spacing information.		Installation Instructions FL25674_R7_II_SGD755FPA - SMI REV A.pdf Verified By: A. Lynn Miller, P.E. PE-58705 Created by Independent Third Party: No Evaluation Reports FL25674_R7_AE_ECO_SGD755SMI ENG EVAL REV A.pdf Created by Independent Third Party: No
25674.6	Series 755 Aluminum Sliding Glass Door	Large Missile Impact resistant aluminum sliding glass door.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see the enclosed documents for product performance information, anchorage details, and anchor type, size, and spacing information.		Installation Instructions FL25674_R7_II_SGD755FPA - LMI REV A.pdf Verified By: A. Lynn Miller, P.E. PE-58705 Created by Independent Third Party: No Evaluation Reports FL25674_R7_AE_ECO_SGD755LMI ENG EVAL REV A.pdf Created by Independent Third Party: No
25674.7	Series 760 Aluminum Sliding Glass Door	Large Missile Impact resistant, aluminum sliding glass door.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see the enclosed documents for product performance information, anchorage details, and anchor type, size, and spacing information.		Installation Instructions FL25674_R7_II_SGD760-FPA - REV A.pdf Verified By: A. Lynn Miller, P.E. PE-58705 Created by Independent Third Party: No Evaluation Reports FL25674_R7_AE_SGD760 - Eng Eval - REV A2.pdf Created by Independent Third Party: No
25674.8	Series 900 Aluminum Bifold Door	Large Missile Impact resistant, aluminum bifold door.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see the enclosed documents for product performance information, anchorage details, and anchor type, size, and spacing information.		Installation Instructions FL25674_R7_II_BF900FPA - LMI REV A.pdf Verified By: A. Lynn Miller, P.E. PE-58705 Created by Independent Third Party: No Evaluation Reports FL25674_R7_AE_ECO_BF900LMI ENG EVAL REV A.pdf Created by Independent Third Party: No

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Product Approval Accepts:



Credit Card
Safe

securityMETRICS

FLORIDA PRODUCT APPROVAL #25674

INSTRUCTIONS:
(2 TRACK)

USE CHARTS AS FOLLOWS.

- STEP 1** SEE CHART #1 ON SHEET 9 FOR GLASS CAPACITY AND REINFORCING REQUIREMENTS.
- STEP 2** SELECT SILL TYPE FROM SHEET 11 AND LIMIT POS. (+) DESIGN PRESSURE AS SHOWN ON DETAIL.
- STEP 3** SEE CHART #2 ON SHEET 9 FOR ANCHOR CAPACITY.
- STEP 4** THE LOWEST VALUE RESULTING FROM STEPS 1 THRU 3 SHALL APPLY TO ENTIRE SYSTEM.

(3 OR 4 TRACK)

SEE CHART #3 ON SHEET 9.
2-3/4" SILL RISER REQUIRED.

DAYLIGHT OPENING WIDTHS:

FIXED STILE-INTERLOCK = PANEL WIDTH - 7.125"
INTERLOCK-ASTRAGAL = PANEL WIDTH - 7.250"

DAYLIGHT OPENING HEIGHT:

PANEL HEIGHT - 6.50"
PANEL HEIGHT = DOOR FRAME HEIGHT - 1.5625"

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

SERIES 700
ALUMINUM SLIDING GLASS DOOR

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

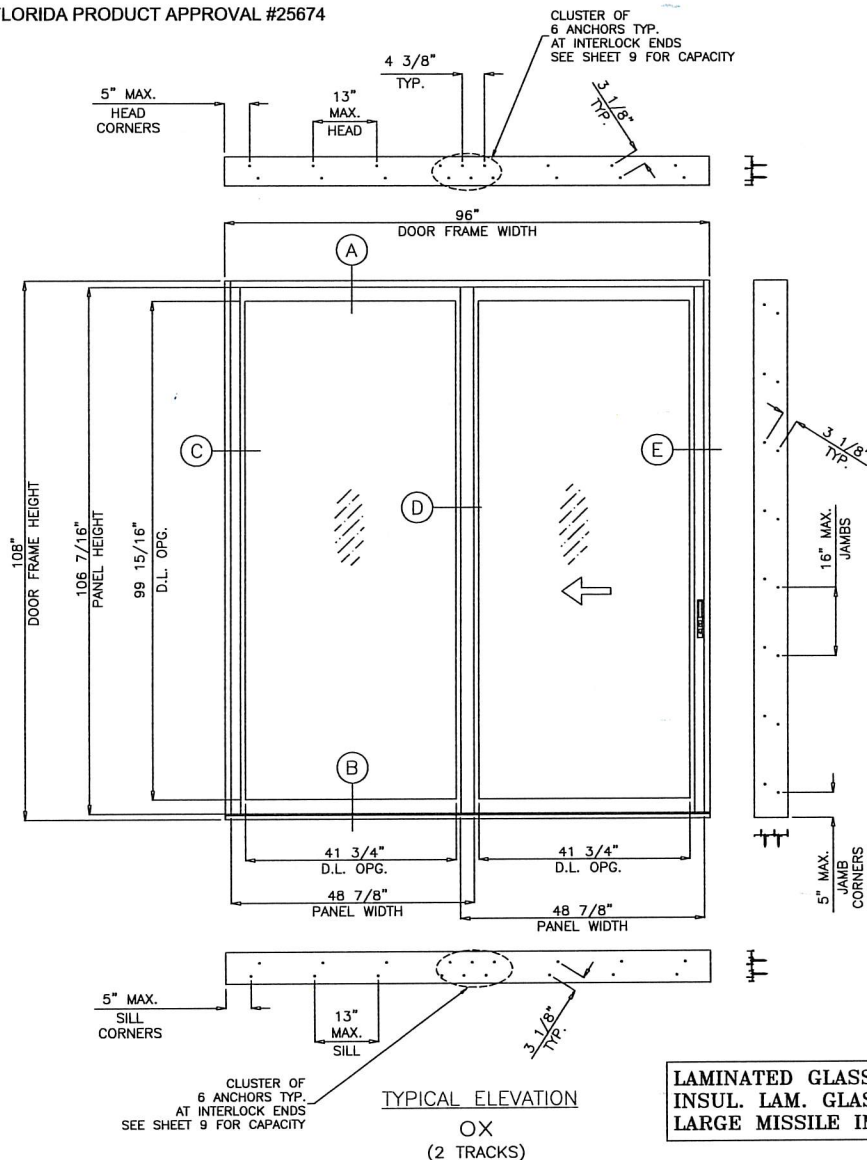
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

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

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL

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



LAMINATED GLASS
INSUL. LAM. GLASS
LARGE MISSILE IMPACT

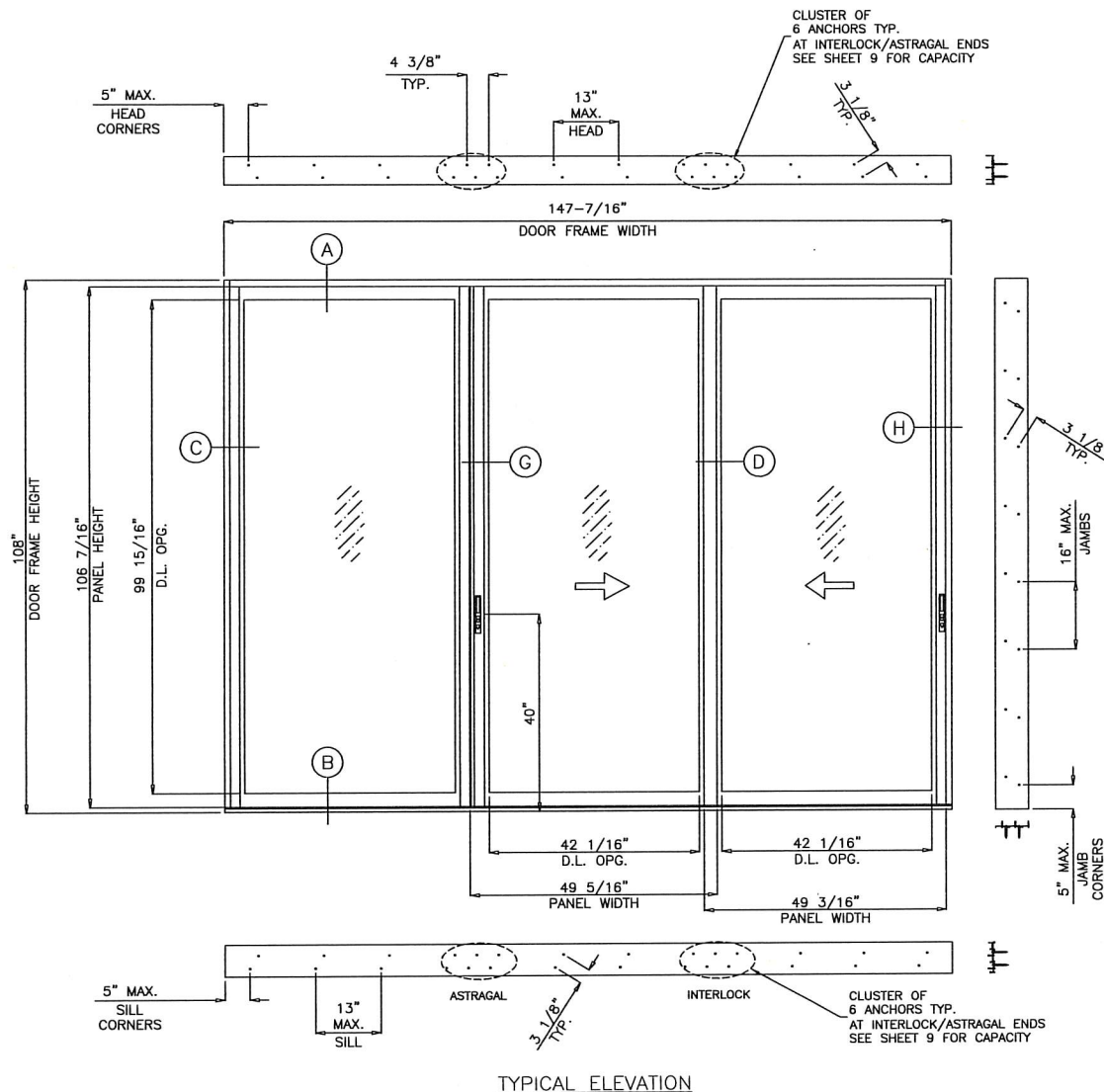
ALTERNATIVE SIZE UNITS:
MAX. FRAME AREA OF DOORS NOT TO EXCEED
THE TESTED FRAME AREA OF 72 SQ. FT.

Revision:
COMBINED 700 & 700-3, REVISED TABLE FORMAT, ADDED DP TABLE ROUNDING, CONFIG. & ANCHOR HEAD TYPE NOTES, UPDATED PART #S, REMOVED SILICONE AND BACKSTOP ON INSTALL DETAIL

PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #22296
Date 4/10/2022
HONG C.
SGD700FFA - LMI
Rev. A

ECO window systems
ECO WINDOW SYSTEMS, LLC.
8502 N.W. 80th ST. MEDLEY, FL 33186
TEL (305) 885-5298 FAX (305) 885-5902
SERIES 700 ALUM. SLIDING GLASS DOOR W/ REINF. (L.M.I.)
GENERAL INFORMATION & OX ELEVATION
Series Desc. Title
Sheet 1 OF 21
Series 700

ANTHONY LYNN MILLER
LICENSE
No. 58705
A. Lynn Miller
9/6/23
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705



ALTERNATIVE SIZE UNITS:
MAX. FRAME AREA OF DOORS NOT TO EXCEED
THE TESTED FRAME AREA OF 110.7 SQ. FT.

Revision:
COMBINED 700 & 700-3, REVISED TABLE FORMAT, ADDED DP TABLE ROUNDING, ANCHOR HEAD CONFIG. & TYPE NOTES, UPDATED PART #S, REMOVED SILICONE AND BACKSTOP ON INSTALL DETAIL

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

REGISTRATION #22296

4/10/2022

HONG C.

A



ECO WINDOW SYSTEMS, LLC.
8502 N.W. 80th ST. MEDLEY, FL 33166
TEL (305) 885-5298 FAX (305) 885-5902

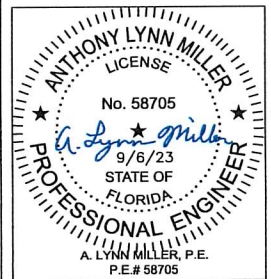
SERIES 700 ALUM. SLIDING GLASS DOOR W/ REINF. (L.M.I.)

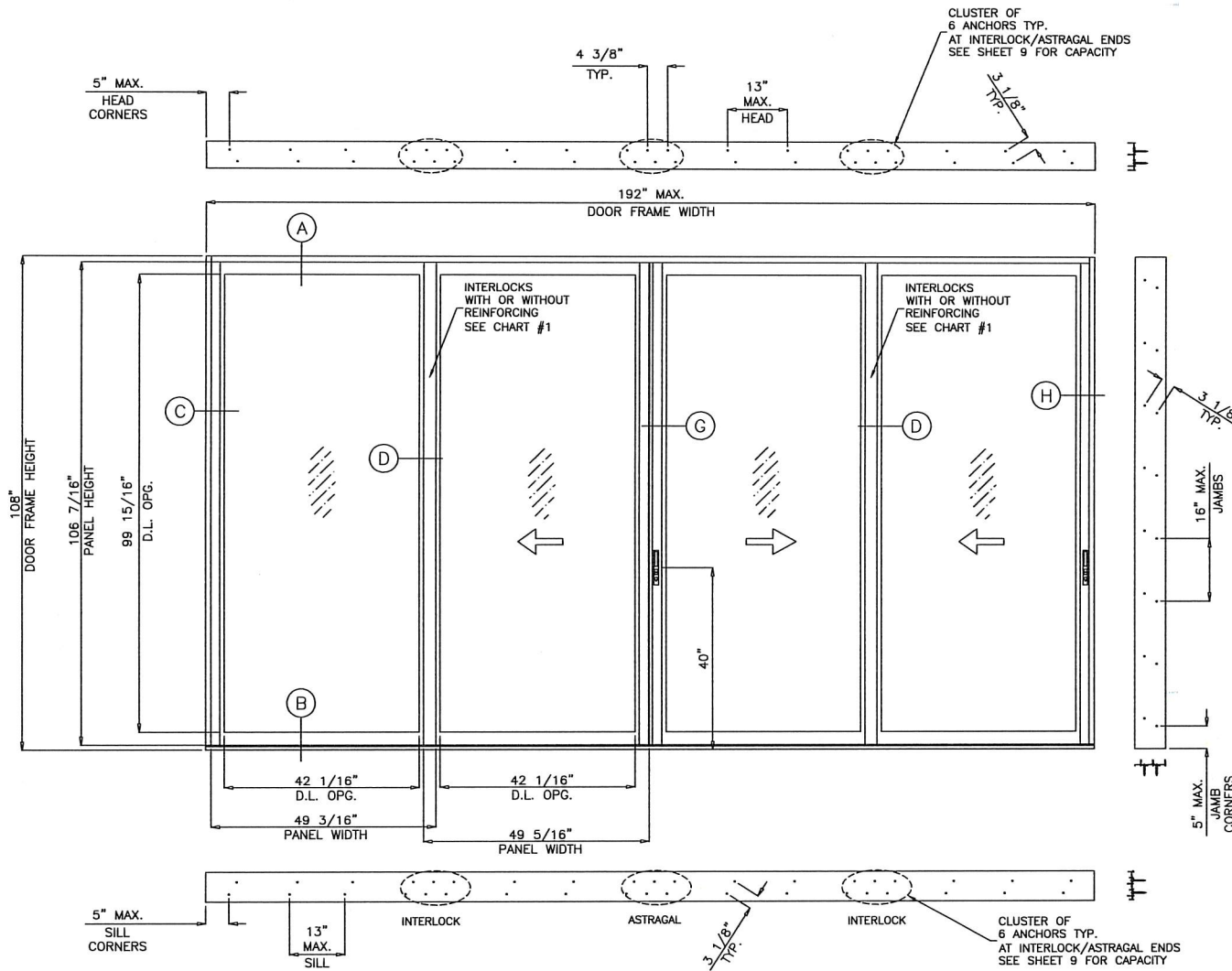
OXX ELEVATION

SERIES 700

2 OF 21

SGD700FPA - LMI





TYPICAL ELEVATION

XXXX
(2 TRACKS)

ALTERNATIVE SIZE UNITS:
MAX. FRAME AREA OF DOORS NOT TO EXCEED
THE TESTED FRAME AREA OF 144 SQ. FT.

Revision:
COMBINED 700 &
700-3, REVISED
TABLE FORMAT,
ADDED DP
TABLE
ROUNDING,
ANCHOR HEAD
TYPE NOTES,
UPDATED PART
#S, REMOVED
SILICONE AND
BACKSTOP ON
INSTALL DETAIL

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

REGISTRATION #29296

4/10/2022

HONG C.

SGD700FPA - LMI

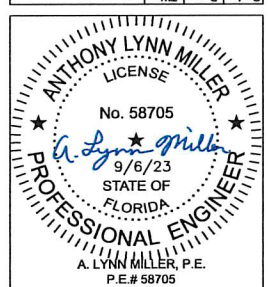
ECO window systems
ECO WINDOW SYSTEMS, LLC.
8502 N.W. 80th ST., MEDLEY, FL 33166
TEL (305) 885-5289 FAX (305) 885-5802

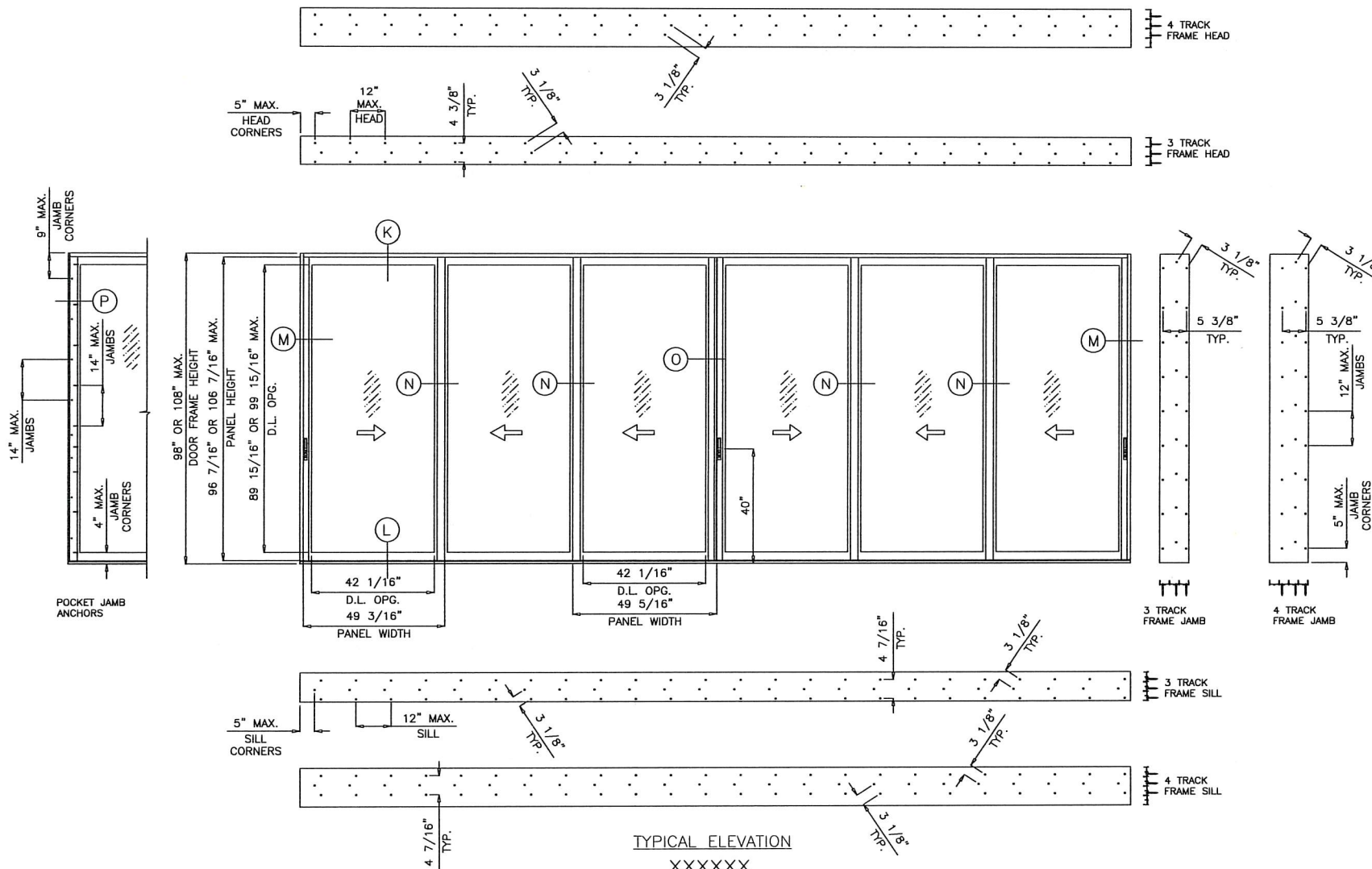
SERIES 700 ALUM. SLIDING GLASS DOOR W/ REINF. (L.M.I.)

XXXX ELEVATION

3 OF 21

SHEET





TYPICAL ELEVATION
XXXXXX
(3 OR 4 TRACKS)

ALTERNATIVE SIZE UNITS:
MAX. FRAME AREA OF DOORS NOT TO EXCEED
THE TESTED FRAME AREA OF 211.6 SQ. FT. FOR GLASS TYPES 'A' & 'A1'
THE TESTED FRAME AREA OF 196 SQ. FT. FOR GLASS TYPES 'B' & 'B1'

Revision:

COMBINED 700 & 700-3, REVISED TABLE FORMAT, ADDED DP	ANCHOR HEAD TYPE NOTES, UPDATED PART #S, REMOVED SILICONE AND BACKSTOP ON INSTALL DETAIL
--	--

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

REGISTRATION #29286

ECO WINDOW SYSTEMS, LLC
8502 N.W. 80th ST., MEDLEY, FL 33166
TEL (305) 885-5289 FAX (305) 885-5902

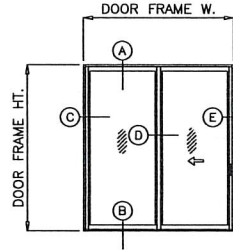
SERIES 700 ALUM. SLIDING GLASS DOOR W/ REINF. (L.M.I.)

XXXXXX TYPICAL ELEVATION

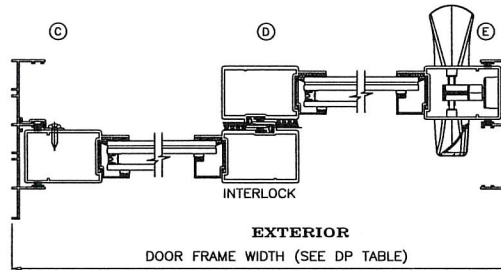
SHEET 4 OF 21

SERIES 700

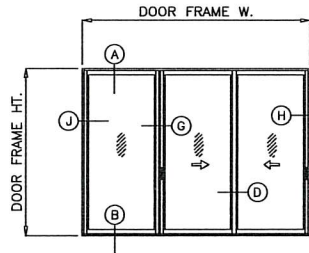
ANTHONY LYNN MILLER
LICENSE
No. 58705
9/6/23
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705



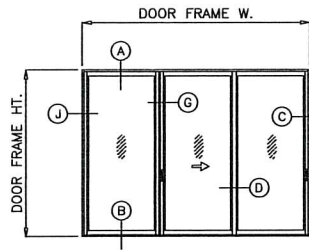
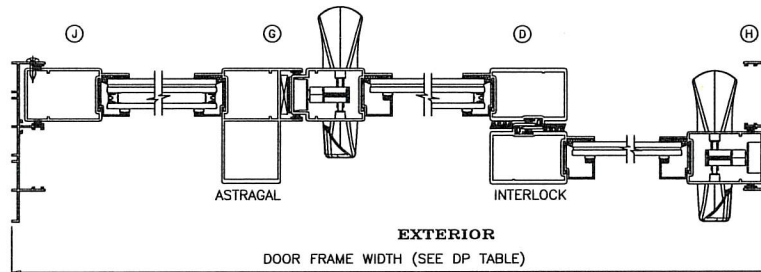
OX (SHOWN)
XO
XX



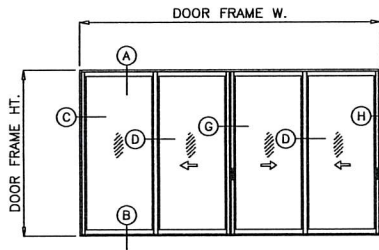
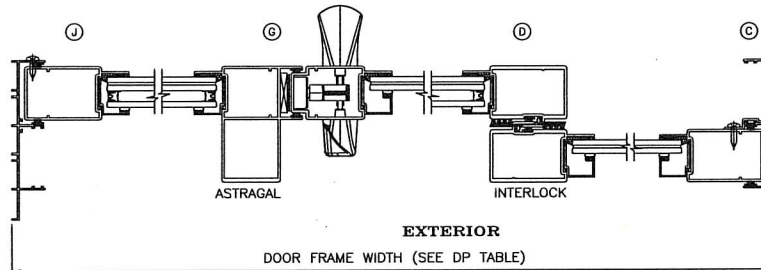
NOTES:
1. CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSES ONLY.
2. FOR APPLICABLE DESIGN PRESSURES AND REINFORCEMENT REQUIREMENTS SEE SHEET 9.
3. FOR ANCHOR DETAILS SEE SHEET 11, 13, & 14.
4. STANDARD CONFIGURATIONS ARE DISPLAYED.
OTHER CONFIGURATIONS USING THE PANEL STILE CONDITIONS SHOWN ARE ACCEPTABLE PROVIDED THE PANELS DO NOT EXCEED MAXIMUM SIZE.



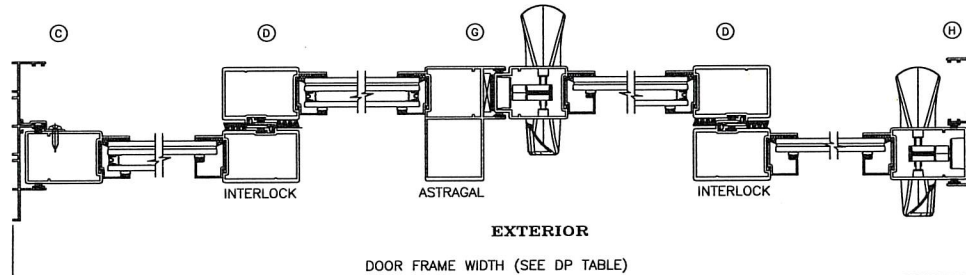
XXX (SHOWN)
XXO



OXO (SHOWN)



OXXX (SHOWN)
OXXO
XXXX



STANDARD CONFIGURATIONS TWO (2) TRACKS

Revision:
COMBINED 700 & 700-3, REVISED TABLE FORMAT, ADDED DP TABLE ROUNDOFF, CONFIG. & ANCHOR HEAD TYPE NOTES, UPDATED PART #S, REMOVED SILICONE AND BACKSTOP ON INSTALL DETAIL

Prepared by A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 33425 (941) 480-1600	REGISTRATION #29296	Date	4/10/2022	Drawn by	HONG C.	DWG No.	5 OF 21	Sheet	SGD700FPA - LMI	Rev.	A

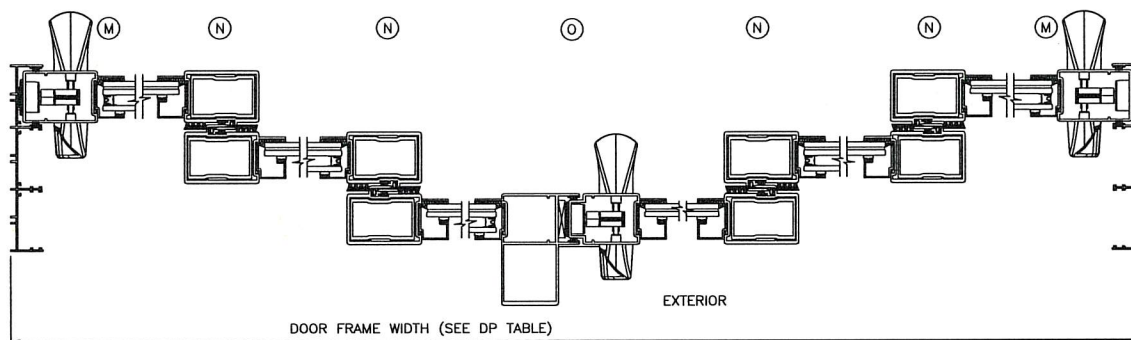
ECO WINDOW SYSTEMS, LLC
8502 N.W. 80th ST., MEDLEY, FL 33166
TEL: (305) 885-5288 FAX: (305) 885-5802
SERIES 700 ALUM. SLIDING GLASS DOOR W/ REINF. (L.M.I.)
APPROVED CONFIGURATIONS
SERIES 700

ANTHONY LYNN MILLER
LICENSE
No. 58705
9/6/23
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

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XXXXXX (SHOWN)
OXXXXX
OXXXXO
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STANDARD CONFIGURATIONS NON-POCKETED DOORS

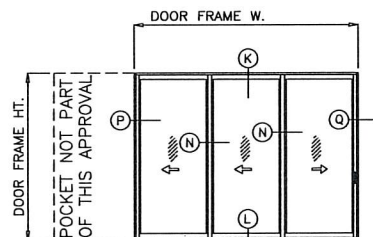
THREE (3) TRACKS



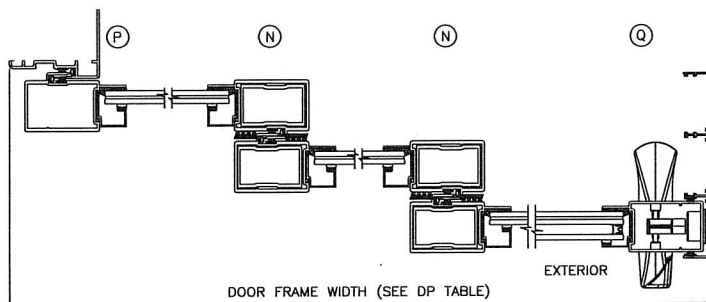
DOOR FRAME WIDTH (SEE DP TABLE)
SEE MAX. AREA LIMITATION IN SHEET 4

NOTES:

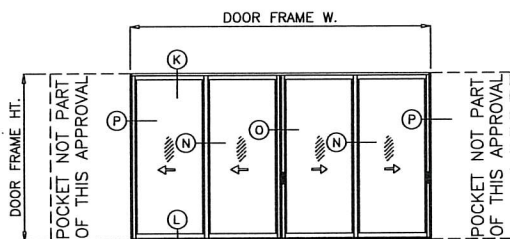
1. CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSES ONLY.
2. FOR APPLICABLE DESIGN PRESSURES SEE SHEET 9.
3. FOR ANCHOR DETAILS SEE SHEET 12 & 15-17.
4. STANDARD CONFIGURATIONS ARE DISPLAYED. OTHER CONFIGURATIONS USING THE PANEL STILE CONDITIONS SHOWN ARE ACCEPTABLE PROVIDED THE PANELS DO NOT EXCEED MAXIMUM SIZE.



PXXX (SHOWN)
XXXXP



DOOR FRAME WIDTH (SEE DP TABLE)
SEE MAX. AREA LIMITATION IN SHEET 4

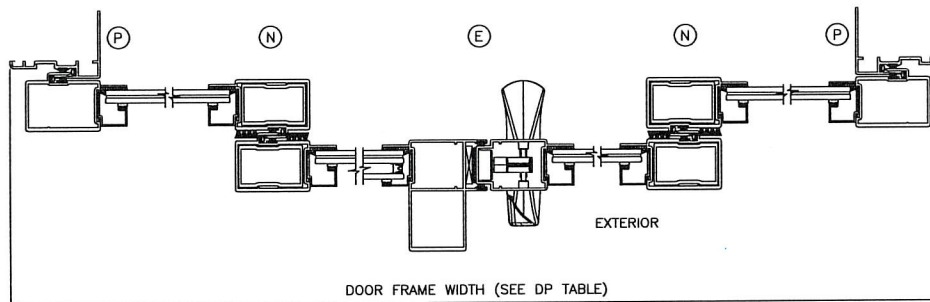


PXX-XXP (SHOWN)

STANDARD CONFIGURATIONS

POCKETED DOORS

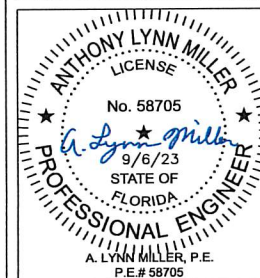
THREE (3) TRACKS

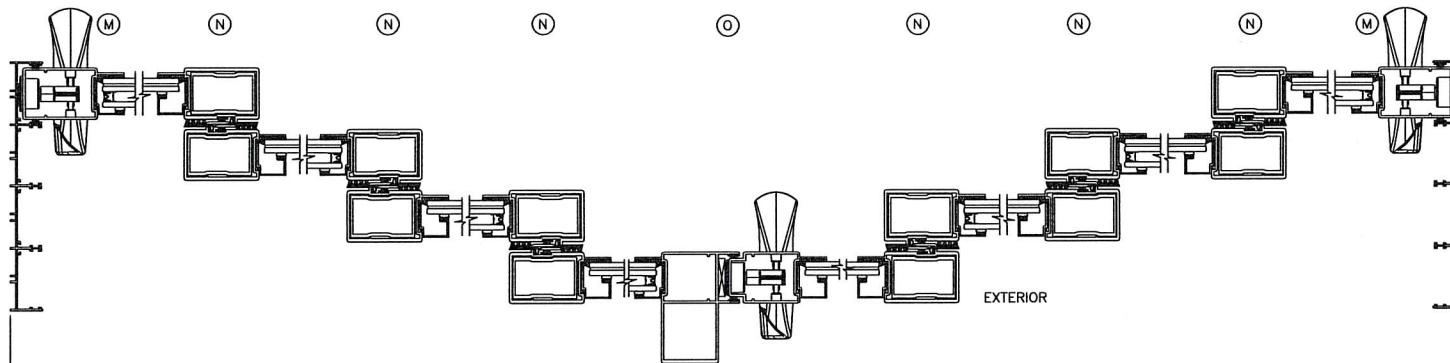


DOOR FRAME WIDTH (SEE DP TABLE)
SEE MAX. AREA LIMITATION IN SHEET 4

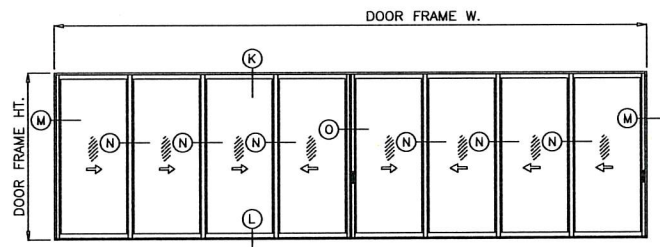
Revision:	COMBINED 700 & 700-3, REVISED TABLE FORMAT, ADDED DP TABLE ROUNDING, CONFIG. & ANCHOR HEAD TYPE NOTES, UPDATED PART #'S, REMOVED SILICONE ON BACKSTOP ON INSTALL DETAIL
-----------	---

		PREPARED BY A LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE FL 34275 (941) 480-1600	
ECO WINDOW SYSTEMS, LLC. 6502 N.W. 80TH ST., MEDLEY, FL 33166 TEL (305) 885-5299 FAX (305) 885-5902		REGISTRATION #25286	
SERIES 700 ALUM. SLIDING GLASS DOOR W/ REINF. (L.M.I.)		4/10/2022	
APPROVED CONFIGURATIONS		HONG C.	
SERIES 700	6 OF 21	DWG No.	Dwg
Sheet	SGT0700FPA - LMI	Rev.	A





DOOR FRAME WIDTH (SEE DP TABLE)
SEE MAX. AREA LIMITATION IN SHEET 4



XXXXXXXX (SHOWN)
OXXXXXXXX
OXXXXXXO

STANDARD CONFIGURATIONS
NON-POCKETED DOORS
FOUR (4) TRACKS

- NOTES:
1. CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSES ONLY.
 2. FOR APPLICABLE DESIGN PRESSURES SEE SHEET 9.
 3. FOR ANCHOR DETAILS SEE SHEET 12 & 15-17.
 4. STANDARD CONFIGURATIONS ARE DISPLAYED. OTHER CONFIGURATIONS USING THE PANEL STILE CONDITIONS SHOWN ARE ACCEPTABLE PROVIDED THE PANELS DO NOT EXCEED MAXIMUM SIZE.

Revision:
COMBINED 700 &
700-3, REVISED
TABLE FORMAT,
ADDED DP
TABLE
ROUNDING,
CONFIG. &
ANCHOR HEAD
TYPE NOTES,
UPDATED PART
#S, REMOVED
SILICONE AND
BACKSTOP ON
INSTALL DETAIL

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

REGISTRATION #29296

DATE 4/10/2022
DRAWN BY HONG C.
CHECKED BY

NO. 7 OF 21
DWG. SGD700FPA - LMI
REV. A

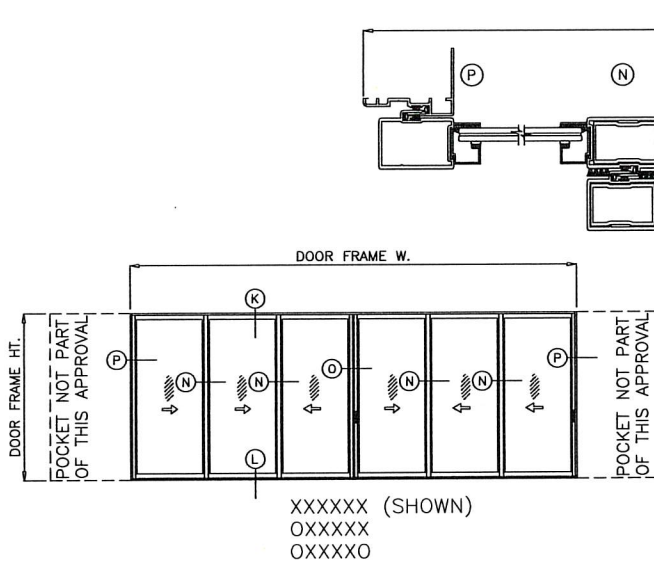
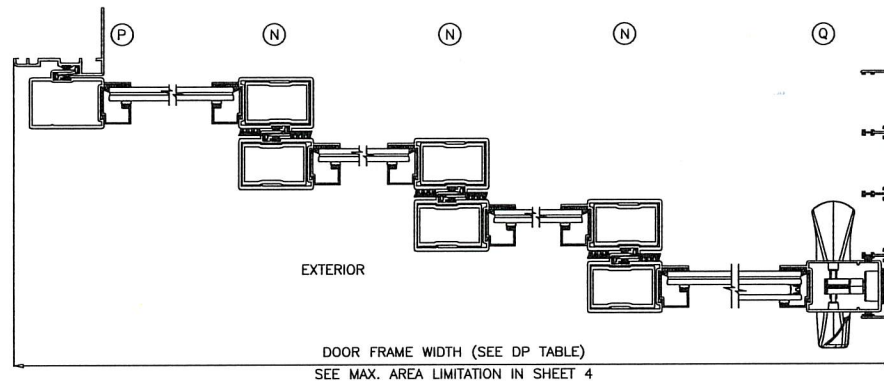
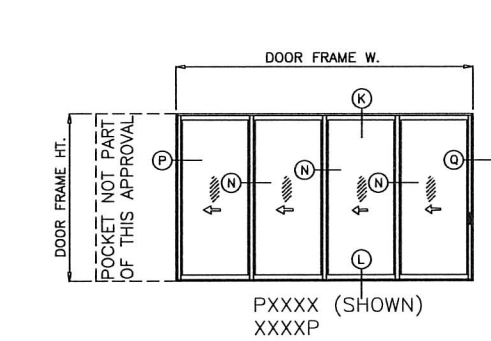
ECO window systems
ECO WINDOW SYSTEMS, LLC.
8502 N.W. 80th ST., MEDLEY, FL 33166
TEL (305) 865-5288 FAX (305) 865-5802

SERIES 700 ALUM. SLIDING GLASS DOOR W/ REINF. (L.M.I.)

APPROVED CONFIGURATIONS CONT.

SERIES 700

ANTHONY LYNN MILLER
LICENSE
No. 58705
9/6/23
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705



STANDARD CONFIGURATIONS
POCKETED DOORS
FOUR (4) TRACKS

DOOR FRAME WIDTH (SEE DP TABLE)
SEE MAX. AREA LIMITATION IN SHEET 4

Revision:
COMBINED 700 &
700-3, REVISED
TABLE FORMAT,
ADDED DP
TABLE
ROUNDING,
CONFIG. &
ANCHOR HEAD
TYPE NOTES
UPDATED PART
#S, REMOVED
SILICONE AND
BACKSTOP ON
INSTALL DETAIL

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

REGISTRATION #25256

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

Series	Desc.	Drawn	By	Date	Rev.
SERIES 700	APPROVED CONFIGURATIONS CONT.	HONG C.		4/10/2022	A
Sheet	8 OF 21	DWG	N.S.		

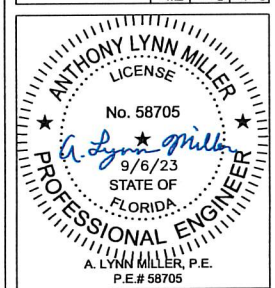


CHART #1

Design Load Capacity - PSF (GLASS) (2 Track Configurations)												
Average Panel Width (in.)	Glass Type/Reinforcement	Door Frame Height (in.)										
		82"	84"	90"	96"	98"	102"	108"				
30"	A & A1 (w/ Reinf.)	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	
	B & B1 (w/o Reinf.)	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	
36"	A & A1 (w/ Reinf.)	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	
	B & B1 (w/o Reinf.)	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	
42"	A & A1 (w/ Reinf.)	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	
	B & B1 (w/o Reinf.)	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	
48"	A & A1 (w/ Reinf.)	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	
	B & B1 (w/o Reinf.)	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	
54"	A & A1 (w/ Reinf.)	+62.2	-71.1	+62.2	-71.1	+62.2	-71.1	+62.2	-71.1	+62.2	-71.1	
	B & B1 (w/o Reinf.)	+62.2	-71.1	+62.2	-71.1	+62.2	-71.1	+62.2	-71.1	+62.2	-71.1	

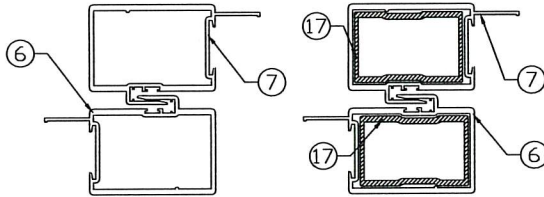
CHART #2

Load Capacity - PSF (ANCHORS) (2 Track Configurations)												
Average Panel Width (in.)	6 Anchors at Mtg. Stile Ends	Door Frame Height (in.)										
		82"	84"	90"	96"	98"	102"	108"				
30"		+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	
36"		+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	
42"		+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	
48"		+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	
54"		+62.2	-71.1	+62.2	-71.1	+62.2	-71.1	+62.2	-71.1	+62.2	-71.1	

CHART #3

Design Load Capacity - PSF (3 or 4 Track Configurations w/ 2-3/4" Sill Riser)												
Average Panel Width (in.)	Glass Type	Door Frame Height (in.)										
		82"	84"	90"	96"	98"	102"	108"				
30"	A & A1	+60.0	-80.0	+60.0	-80.0	+60.0	-80.0	+60.0	-80.0	+60.0	-80.0	
	B & B1	+60.0	-80.0	+60.0	-80.0	+60.0	-80.0	+60.0	-80.0	+60.0	-80.0	
36"	A & A1	+60.0	-80.0	+60.0	-80.0	+60.0	-80.0	+60.0	-80.0	+60.0	-80.0	
	B & B1	+60.0	-80.0	+60.0	-80.0	+60.0	-80.0	+60.0	-80.0	+60.0	-80.0	
42"	A & A1	+60.0	-80.0	+60.0	-80.0	+60.0	-80.0	+60.0	-80.0	+60.0	-80.0	
	B & B1	+60.0	-80.0	+60.0	-80.0	+60.0	-80.0	+60.0	-80.0	+60.0	-80.0	
48"	A & A1	+60.0	-80.0	+60.0	-80.0	+60.0	-80.0	+60.0	-80.0	+60.0	-80.0	
	B & B1	+60.0	-80.0	+60.0	-80.0	+60.0	-80.0	+60.0	-80.0	+60.0	-80.0	
54"	A & A1	+53.3	-71.1	+53.3	-71.1	+53.3	-71.1	+53.3	-71.1	+53.3	-71.1	
	B & B1	+53.3	-71.1	+53.3	-71.1	+53.3	-71.1	+53.3	-71.1	+53.3	-71.1	

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

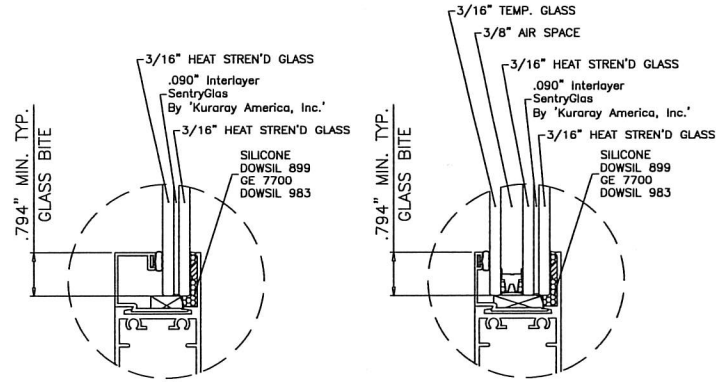
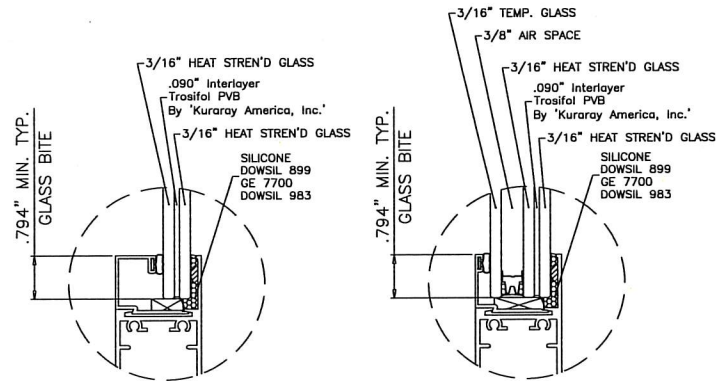


INTERLOCKS WITHOUT REINF.

INTERLOCKS WITH REINF.

ALL POSITIVE (+) LOADS SHOWN IN CHARTS ABOVE ARE FOR DOORS WITH 2-3/4" SILL HEIGHTS.
FOR 2" SILL HEIGHT LIMIT POS.(+) LOADS TO 47.0 PSF
DOORS WITH 1-1/8" SILL HEIGHTS ARE NOT APPROVED FOR WATER INFILTRATION RESISTANCE
SEE SHEET 11 FOR DETAILS

NOTE:
FOR 2 TRACK:
SEE CHART #1 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE AND REINFORCEMENT.
SEE CHART #2 FOR ANCHOR CAPACITY.
LOWER VALUES FROM GLASS OR ANCHOR CHART WILL APPLY TO ENTIRE SYSTEM.

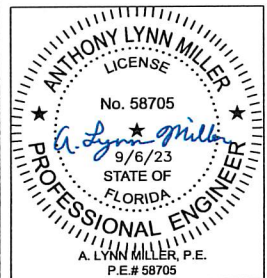
GLASS TYPE 'A'
7/16" NOM. LAMI. GLASSGLASS TYPE 'A1'
1" NOM. INSUL. LAM. GLASSGLASS TYPE 'B'
7/16" NOM. LAMI. GLASSGLASS TYPE 'B1'
1" NOM. INSUL. LAM. GLASS

GLAZING OPTIONS

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

Revision:
COMBINED 700 & 1070 TECHNOLOGY DRIVEN TABLE FORMAT, ADDED DP TABLE ROUNDING, CONFIG. & ANCHOR HEAD TYPE NOTES, UPDATED PART #S, REMOVED SILICONE AND BACKSTOP ON INSTALL DETAIL

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #23296 ECO WINDOW SYSTEMS, LLC. 8802 N.W. 80th ST. MEDLEY, FL 33166 TEL (305) 885-5299 FAX (305) 885-5902	4/10/2022 Date	HONG C. Title	No. 58705 State of Florida License	9 OF 21 Sheet	SG0700FFA - LMI Series



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

TYPICAL ANCHORS (2 TRACKS): SEE ELEV. FOR SPACING

Anchor Group	Anchor Type	Frame Member	Substrate	Min. Edge Distance	Min. Embedment or Metal Thickness
A	1/4" DeWalt UltraCon+	Head	Thru 1BY or 2BY Buck into Concrete (min. 3 ksi)	2-1/2"	1-1/4"
		Jambs	Southern Pine (SG = 0.55)	1"	1-1/2"
		Jambs	Thru 1BY Buck into Concrete (min. 3 ksi)	2-1/2"	1-1/4"
		Jambs	Thru 1BY Buck into Hollow or Filled Block (ASTM C90, min. 2 ksi)	2-1/2"	1-1/4"
B	1/4" DeWalt UltraCon+	Head/Sill	Concrete (min. 3 ksi)	2-1/2"	1-3/4"
		Jambs	Concrete (min. 3 ksi)	2-1/2"	1-1/4"
		Jambs	Hollow or Filled Block (ASTM C90, min. 2 ksi)	2-1/2"	1-1/4"
C	1/4" Self Drilling Screws (Gr. 5)	All	F.B.C. Approved Mullions	3/4"	(3) Threads min. beyond metal thickness
		Head/Jambs	Aluminum 1/8" Thk. Min. (6063-T5)	3/4"	(3) Threads min. beyond metal thickness
		Head/Jambs	Steel 1/8" Thk. Min. (min. 36 ksi)	3/4"	(3) Threads min. beyond metal thickness

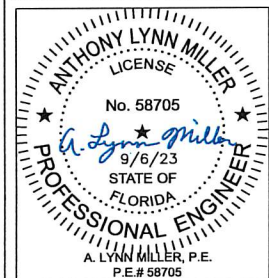
TYPICAL ANCHORS (3 OR 4 TRACKS): SEE ELEV. FOR SPACING

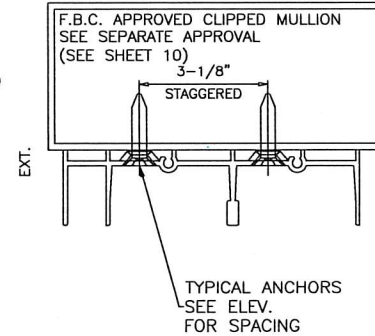
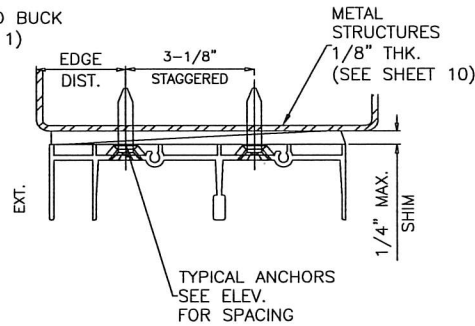
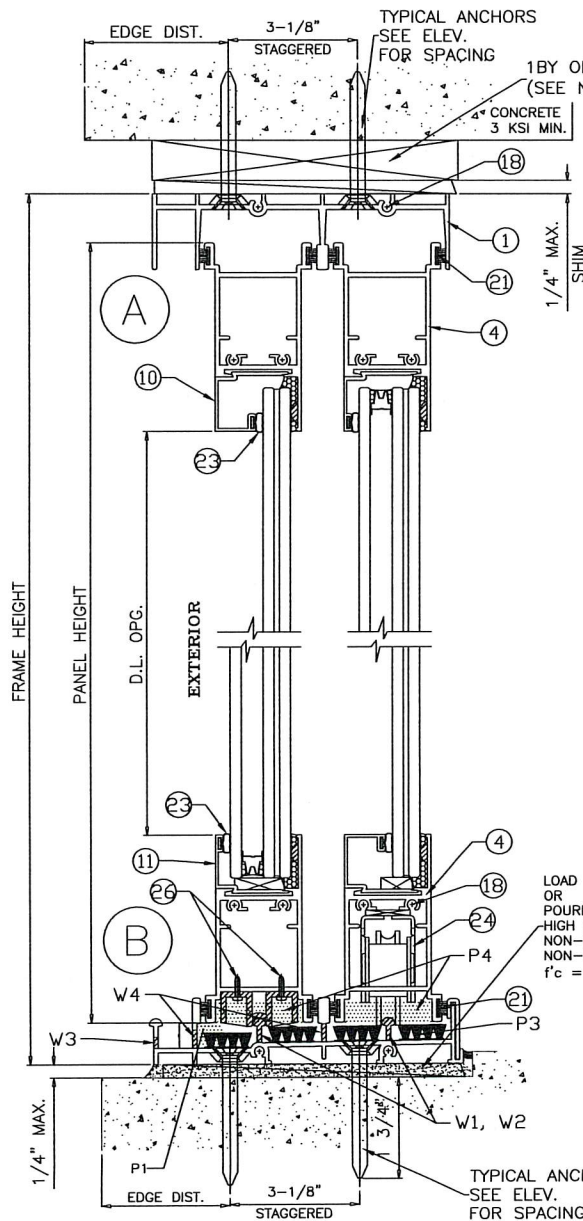
Anchor Group	Anchor Type	Frame Member	Substrate	Min. Edge Distance	Min. Embedment or Metal Thickness
A	1/4" DeWalt UltraCon+	Head	Thru 1BY or 2BY Buck into Concrete (min. 3 ksi)	1"	1-1/4"
		Jambs	Southern Pine (SG = 0.55)	1"	1-1/2"
		Jambs	Thru 1BY Buck into Concrete (min. 3 ksi)	1"	1-1/4"
		Jambs	Thru 1BY Buck into Filled Block (ASTM C90, min. 2 ksi)	1"	1-1/4"
B	1/4" DeWalt UltraCon+	Head/Sill	Concrete (min. 3 ksi)	1"	1-3/4"
		Jambs	Concrete (min. 3 ksi)	1"	1-1/4"
		Jambs	Filled Block (ASTM C90, min. 2 ksi)	1"	1-1/4"
C	1/4" Self Drilling Screws (Gr. 5)	All	F.B.C. Approved Mullions	3/4"	(3) Threads min. beyond metal thickness
		Head/Jambs	Aluminum 1/8" Thk. Min. (6063-T5)	3/4"	(3) Threads min. beyond metal thickness
		Head/Jambs	Steel 1/8" Thk. Min. (min. 36 ksi)	3/4"	(3) Threads min. beyond metal thickness

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

Revision:
COMBINED 700 & 700-3, REVISED TABLE FORMAT, ADDED DP TABLE ROUNDING, CONFIG. & ANCHOR HEAD TYPE NOTES, UPDATED PART #S, REMOVED SILICONE AND BACKSTOP ON INSTALL DETAIL

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #23296	Date 4/10/2022	Rev. A
window systems ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST., MEDLEY, FL 33166 TEL (954) 885-5288 FAX (954) 885-5902		ANCHOR & SUBSTRATE SPECIFICATIONS	By HONG C.	Sheet 10 OF 21
SERIES 700 ALUM. SLIDING GLASS DOOR W/ REINF. (L.M.I.)		Title ANCHOR & SUBSTRATE SPECIFICATIONS		Series Desc. SERIES 700





WEEPHOLES:

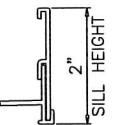
- W1 = 1-1/2" LONG NOTCH AT EACH END.
- W2 = 3/16" X 3/4" LONG WEEP NOTCH AT 22" FROM ENDS AND 36" O.C.
- W3 = 3/16" X 1" LONG WEEP NOTCH AT 5" FROM ENDS AND 36" O.C.
- W4 = 1/4" X 1" LONG WEEP NOTCH AT 5" FROM ENDS AND 36" O.C.

PILE PADS:

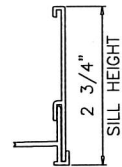
- P1 = OPEN CELL FOAM AT EACH WEEP HOLE LOCATION 1-1/16" LONG X 7/16" WIDE X 7/16" HIGH
- P2 = SELF ADHESIVE PILE PAD 1" X 3/8" X 1/4" HIGH
- P3 = SELF ADHESIVE PILE PAD WITH MULTI INTEGRAL FIN 2-1/2" X 1" X 3/8" HIGH
- P4 = OPEN CELL FOAM AT INTERLOCK & ASTRAGAL 2" LONG X 1-7/16" WIDE X 7/16" HIGH

LOAD BEARING SHIMS OR
POURED & HARDENED
HIGH STRENGTH GROUT
NON-SHRINK,
NON-METALLIC
f'c = 5000 PSI MIN.

NOT APPROVED FOR
WATER RESISTANCE



LIMIT MAX.
POS.(+) LOADS
TO 47.0 PSF



LIMIT MAX.
POS. (+) LOADS
TO 70.0 PSF

SILL HEIGHT VS WATER RESISTANCE POS.(+) LOAD
SEE SHEET 9 CHART 1 FOR DOOR CAPACITY

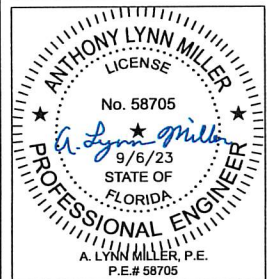
Revision:
COMBINED 700 &
700-3, REVISED
TABLE FORMAT,
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TABLE
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ANCHOR HEAD
CONFIG. &
TYPE NOTED PART
UPDATED PART
#S, REMOVED
SILICONE AND
BACKSTOP ON
INSTALL DETAIL

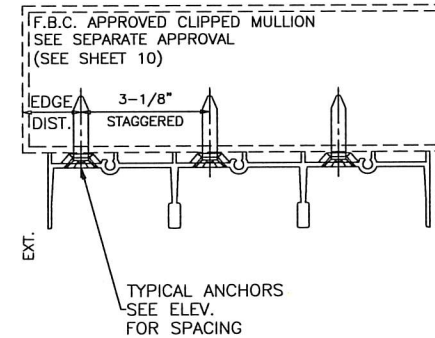
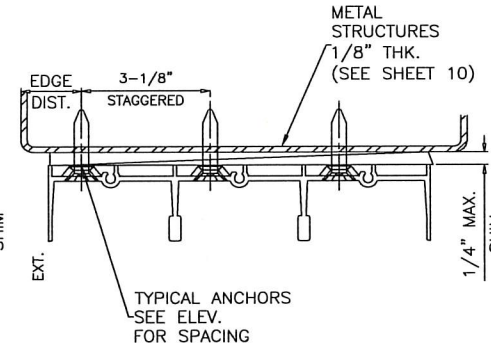
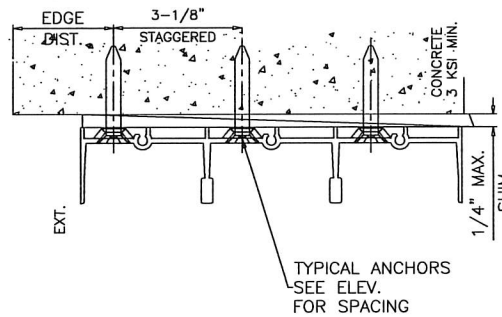
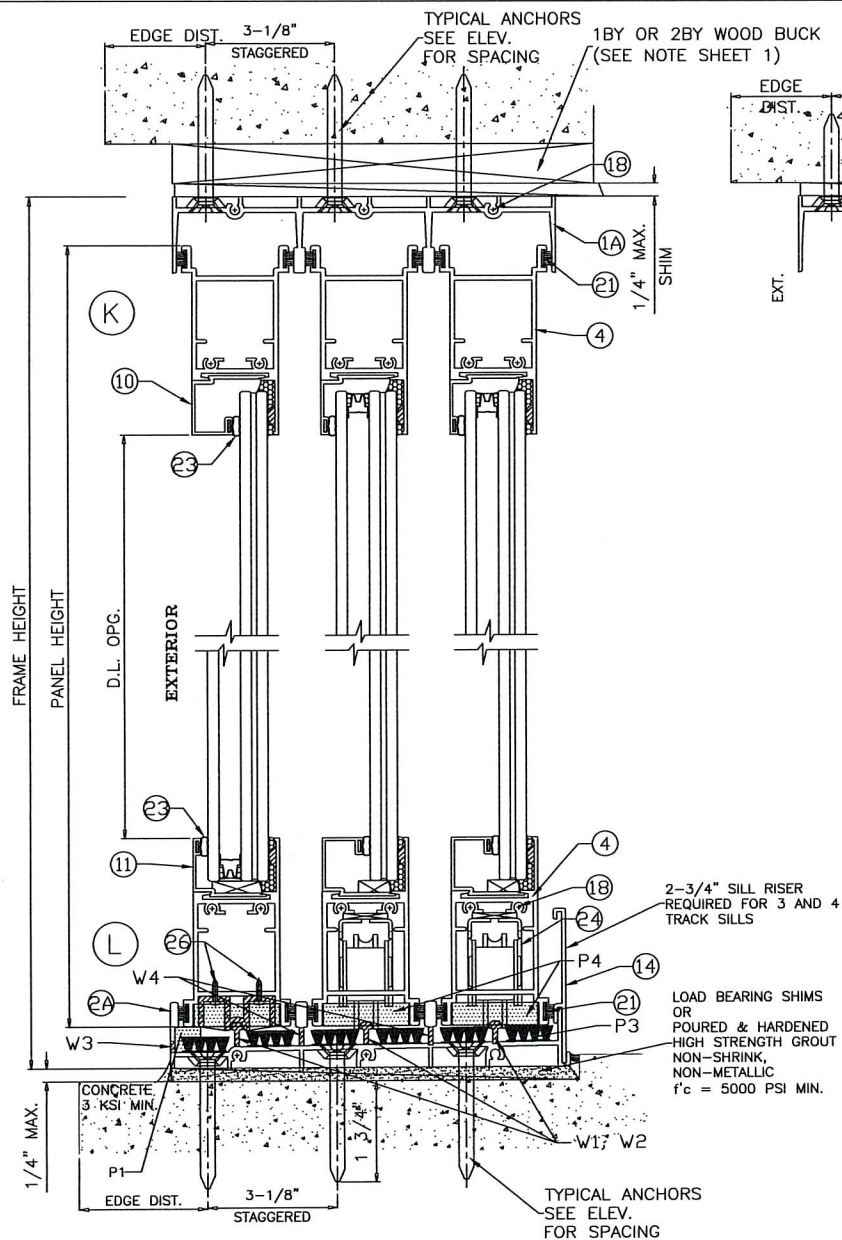
PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

REGISTRATION #29296

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

Rev.	Date	By	Drawn	Check	Scale	Series	Sheet
A	4/10/2022	HONG C.				SGD700FPA - LMI	11 OF 21
						SERIES 700	





WEEPHOLES:

- W1 = 1-1/2" LONG NOTCH AT EACH END.
- W2 = 3/16" X 3/4" LONG WEEP NOTCH AT 22" FROM ENDS AND 36" O.C.
- W3 = 3/16" X 1" LONG WEEP NOTCH AT 5" FROM ENDS AND 36" O.C.
- W4 = 1/4" X 1" LONG WEEP NOTCH AT 5" FROM ENDS AND 36" O.C.

PILE PADS:

- P1 = OPEN CELL FOAM AT EACH WEEP HOLE LOCATION 1-1/16" LONG X 7/16" WIDE X 7/16" HIGH
- P2 = SELF ADHESIVE PILE PAD 1" X 3/8" X 1/4" HIGH
- P3 = SELF ADHESIVE PILE PAD WITH MULTI INTEGRAL FIN 2-1/2" X 1" X 3/8" HIGH
- P4 = OPEN CELL FOAM AT INTERLOCK & ASTRAGAL 2" LONG X 1-7/16" WIDE X 7/16" HIGH

Revision:
COMBINED 700 & 700-3. REVISED TABLE FORMAT. ADDED DP TABLE ROUNDING, CONFIG. & ANCHOR HEAD TYPE NOTES. UPDATED PART #S. REMOVED SILICONE AND BACKSTOP ON INSTALL DETAIL

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

REGISTRATION #23236

4/10/2022
Date

HONG C.
By

SGD700FPA - LMI
DWG

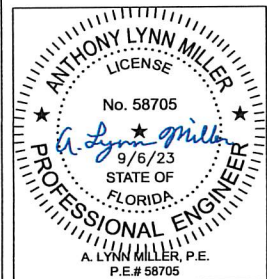
12 OF 21
Sheet

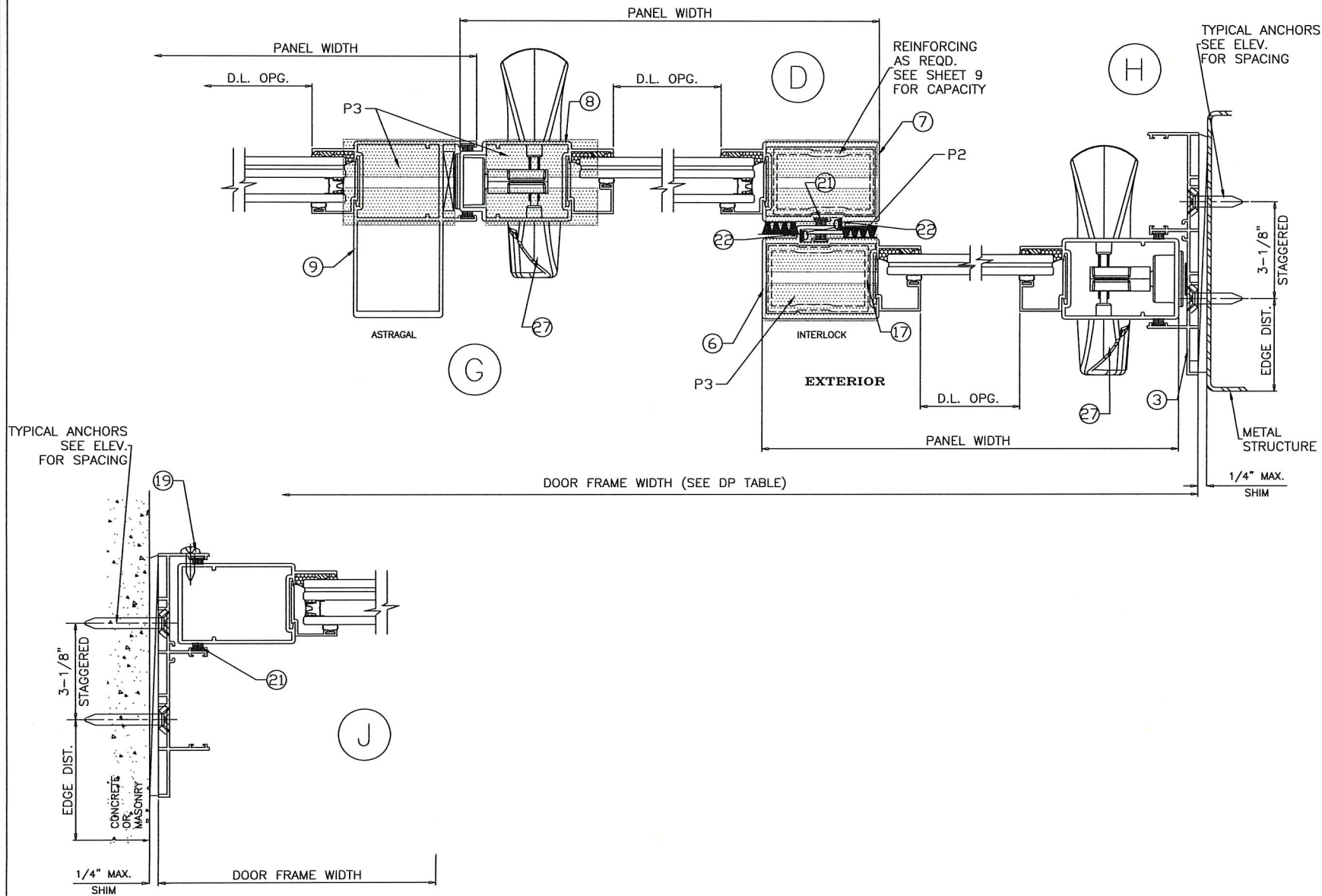
SERIES 700
Series Desc.



ECO WINDOW SYSTEMS, LLC.
8602 N.W. 80th ST. MEDLEY, FL 33166
TEL (305) 885-5298 FAX (305) 885-5902

SERIES 700 ALUM. SLIDING GLASS DOOR W/ REINF. (L.M.I.)
Title



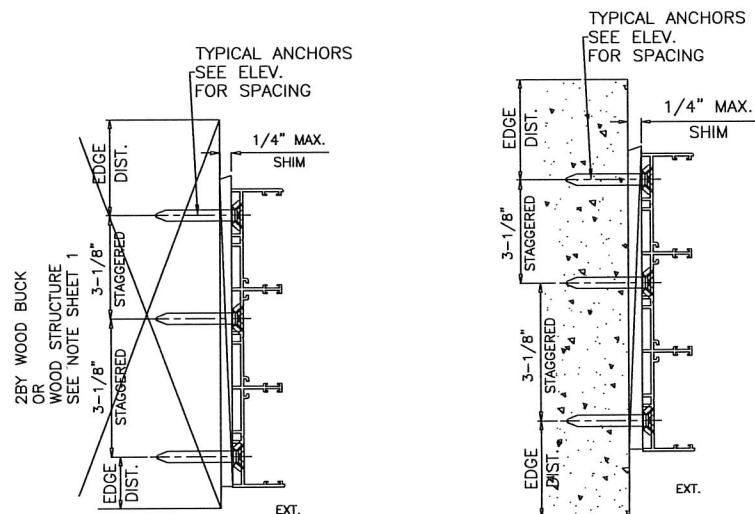
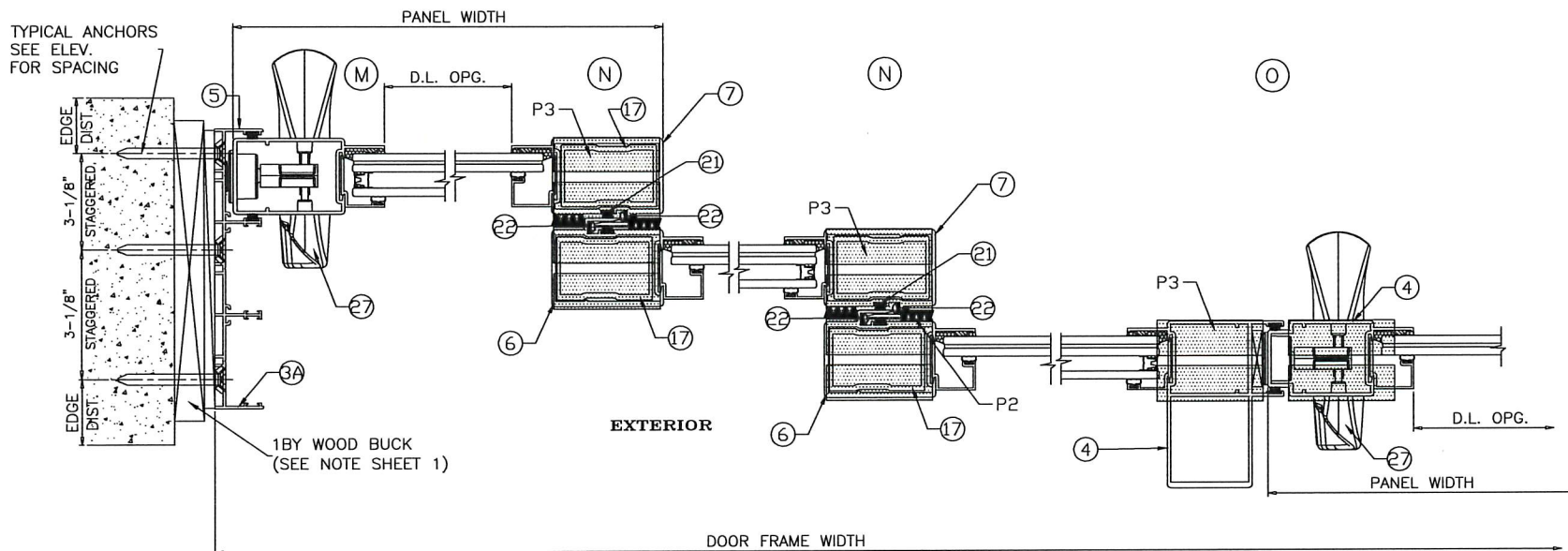


Revision:
 COMBINED 700 &
 700-3, REVISED
 TABLE FORMAT,
 ADDED DP
 TABLE
 ROUNDDING,
 CONFIG. &
 ANCHOR HEAD
 TYPE NOTES,
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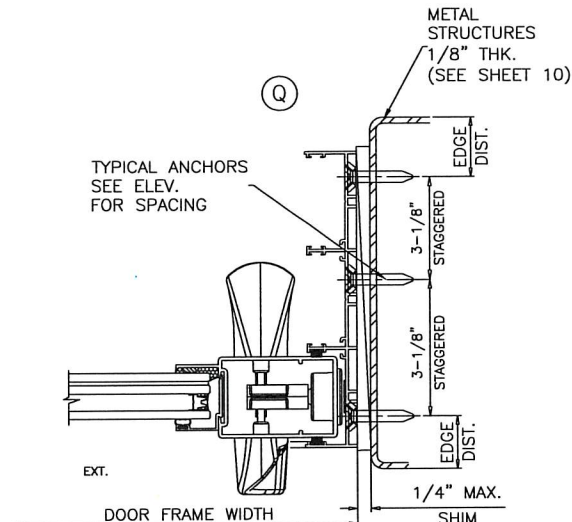
PREPARED BY A. LYNN MILLER
 1070 TECHNOLOGY DRIVE
 N. VENICE, FL 34275
 (941) 480-1600
 REGISTRATION #29296
 Date: 9/4/2022
 Title: HONG C.
 No: SGD700FPA - LMI
 Rev: A

ECO window systems
 ECO WINDOW SYSTEMS, LLC.
 8502 N.W. 80th ST., MEDLEY, FL 33166
 TEL: (305) 885-5299 FAX: (305) 885-5902
 SERIES 700 ALUM. SLIDING GLASS DOOR W/ REINF. (L.M.I.)
 HORIZONTAL SECTION DETAIL CONT.
 14 OF 21
 SERIES 700
 Sheet

ANTHONY LYNN MILLER
 LICENSE
 No. 58705
 9/6/23
 STATE OF
 FLORIDA
 PROFESSIONAL ENGINEER
 A. LYNN MILLER, P.E.
 P.E.# 58705



3-TRACKS SHOWN
(SEE SHEET 17 FOR 4-TRACKS ANCHORS)



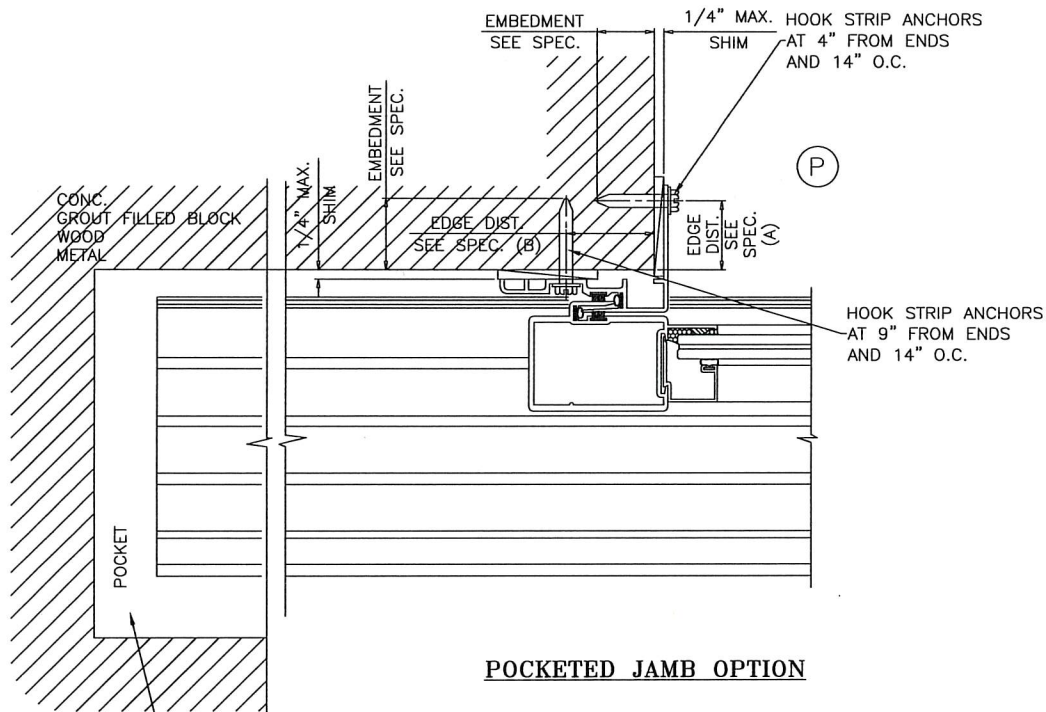
Revision:
COMBINED 700 &
700-3, REVISED
TABLE FORMAT,
ADDED DP
TABLE
ROUNDING,
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UPDATED PART
#S, REMOVED
SILICONE AND
BACKSTOP ON
INSTALL DETAIL

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

ECO window systems
ECO WINDOW SYSTEMS, LLC.
8502 N.W. 80th ST. MEDLEY, FL 33166
TEL. (305) 885-5280 FAX. (305) 885-5902

ANTHONY LYNN MILLER
LICENSE
No. 58705
9/6/23
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER P.E.
P.E.# 58705

Series	Desc.	Title	No.	DWG	Rev.
700	15 OF 21	SGD700FFA - LMI	A		
3T	HORIZONTAL SECTION DETAILS	HONG C.			
4/10/2022					
REGISTRATION #29296					
ECO WINDOW SYSTEMS, LLC.					
8502 N.W. 80th ST. MEDLEY, FL 33166					
TEL. (305) 885-5280 FAX. (305) 885-5902					
SERIES 700 ALUM. SLIDING GLASS DOOR W/ REINF. (L.M.I.)					
DATE					
4/10/2022					



POCKETED JAMB OPTION

POCKET CAVITY NOT BY 'ECO WDW.'
NOT PART OF THIS APPROVAL
TO BE REVIEWED BY AHJ

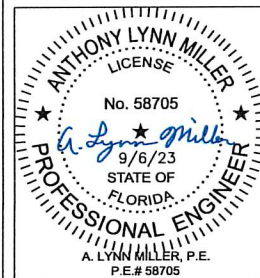
HOOK STRIP ANCHORS:

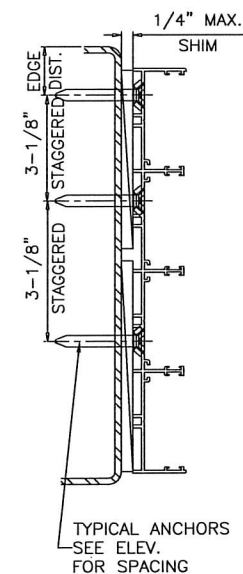
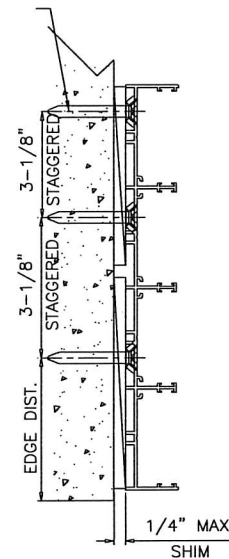
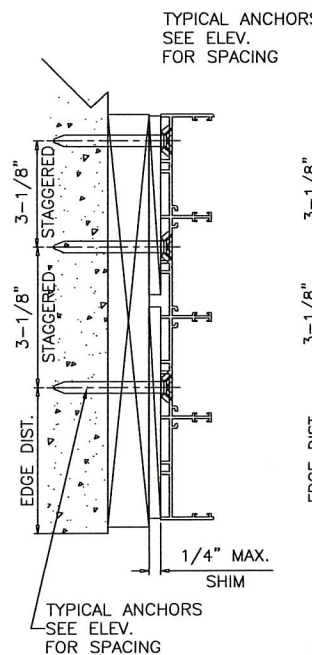
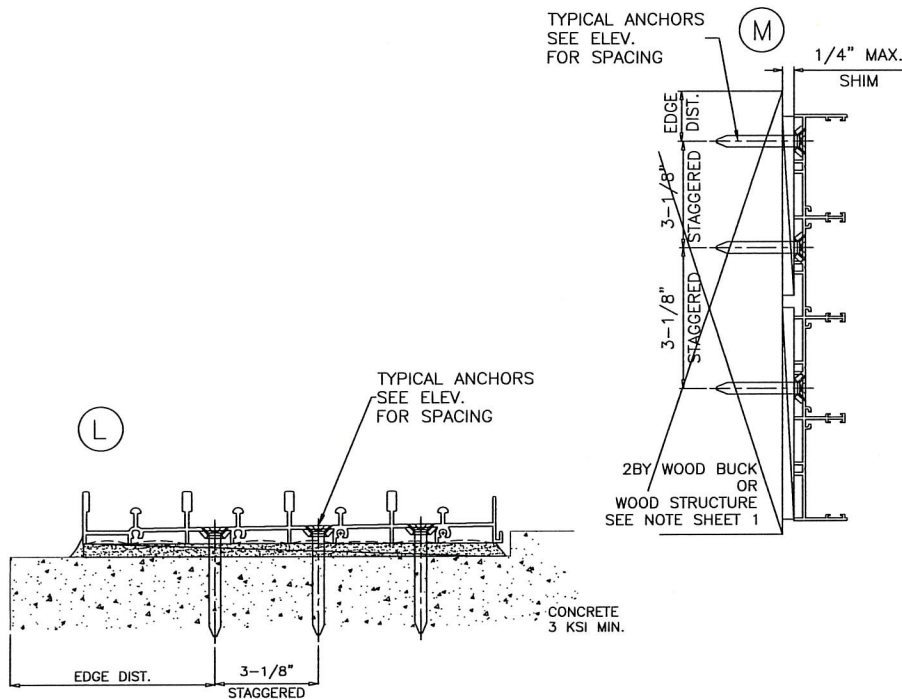
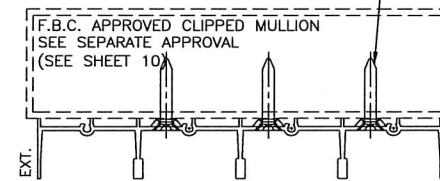
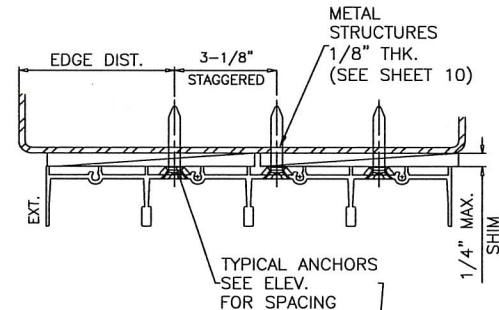
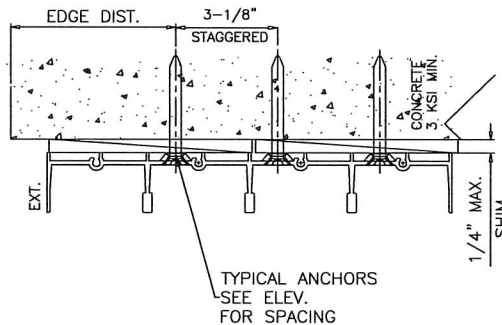
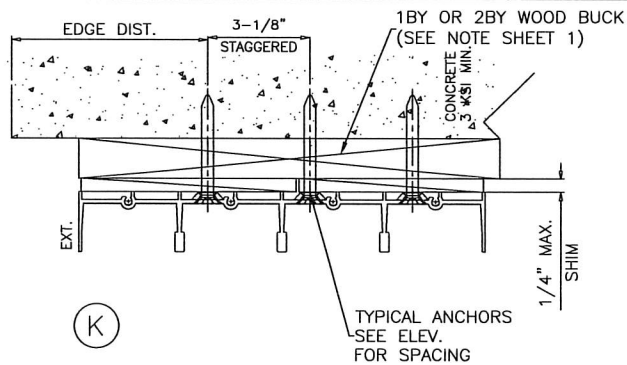
Anchor Type	Substrate	Min. Edge Distance	Min. Embedment or Metal Thickness
#14 SMS (Gr. 2)	Southern Pine (SG = 0.55)	1"	1-1/2"
1/4" DeWalt UltraCon® +	Thru 1BY Buck into Concrete (min. 3 ksi)	1-1/4" (A) 1-5/8" (B)	1-1/4"
	Thru 1BY Buck into Filled Block (ASTM C90, min. 2 ksi)	1-1/4" (A) 1-5/8" (B)	1-1/4"
	Concrete (min. 3ksi)	1-1/4" (A) 1-5/8" (B)	1-1/4"
	Filled Block (ASTM C90, min. 2 ksi)	1-1/4" (A) 1-5/8" (B)	1-1/4"
1/4" TEKS Self Drilling Screws (Gr. 5)	Aluminum 1/8" Thk. Min. (6063-T5)	3/4"	(3) Threads min. beyond metal thickness
	Steel 1/8" Thk. Min. (min. 36 ksi)	3/4"	(3) Threads min. beyond metal thickness

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

Revision:
COMBINED 700 & 700-3. REVISED TABLE FORMAT, ADDED DP TABLE ROUNDING, CONFIG. & ANCHOR HEAD TYPE NOTES, UPDATED PART #S, REMOVED SILICONE AND BACKSTOP ON INSTALL DETAIL

		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	
ECO WINDOW SYSTEMS, LLC. 6502 N.W. 80th ST. MEDLEY, FL 33166 TEL (305) 885-5299 FAX (305) 885-5902		REGISTRATION #29286	
SERIES 700 ALUM. SLIDING GLASS DOOR W/ REINF. (L.M.I.)		Date	4/10/2022
POCKET HORIZONTAL SECTION DETAILS		Drawn By	HONG C.
SHEET	SERIES 700	DWG No.	SGD700FFA - LMI
16 OF 21		Rev.	A





4 TRACKS FRAMES
ANCHOR LOCATIONS

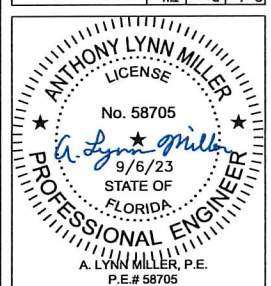
Revision:
COMBINED 700 &
700-3, REVISED
TABLE FORMAT,
ADDED DP
TABLE
ROUNDING,
CONFIG. &
ANCHOR HEAD
TYPE NOTES,
UPDATED PART
#S, REMOVED
SILICONE AND
BACKSTOP ON
INSTALL DETAIL

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

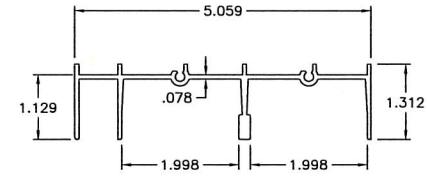
REGISTRATION #29296

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

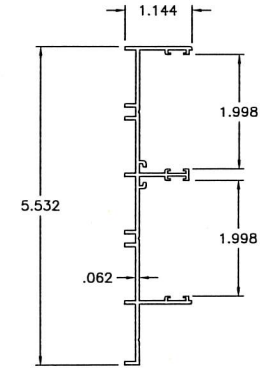
Rev.	Rev.	Rev.	Rev.	Rev.
A	LMI	HONG C.	4/10/2022	4/10/2022
SGD700FPA - LMI	17 OF 21	4T ANCHOR SECTION DETAILS	SERIES 700	4T ANCHOR SECTION DETAILS



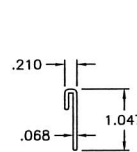
ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	E701	1	FRAME HEAD	6005 - T5	-
1A	E723	1	FRAME HEAD (3 TRACK)	6005 - T5	-
1B	E726	1	FRAME HEAD (4 TRACK)	6005 - T5	-
2	E702	1	FRAME SILL	6005 - T5	-
2A	E724	1	FRAME SILL (3 TRACK)	6005 - T5	-
2B	E727	1	FRAME SILL (4 TRACK)	6005 - T5	-
3	E703	2	FRAME JAMB	6063 - T6	-
3A	E725	2	FRAME JAMB (3 TRACK)	6063 - T6	-
3B	E728	2	FRAME JAMB (4 TRACK)	6063 - T6	-
4	E704	2/PANEL	PANEL TOP & BOTTOM RAIL	6063 - T6	-
5	E705	AS REQD.	PANEL LOCKSTILE	6063 - T6	-
6	E706	AS REQD.	PANEL OUTER INTERLOCK	6063 - T6	-
7	E707	AS REQD.	PANEL INNER INTERLOCK	6063 - T6	-
8	E708	AS REQD.	PANEL MALE ASTRAGAL	6063 - T6	-
9	E709	AS REQD.	PANEL FEMALE ASTRAGAL	6063 - T6	-
10	E710	AS REQD.	GLAZING BEAD 7/16" LAMINATED GLASS	6063 - T6	-
11	E711	AS REQD.	GLAZING BEAD 1" INSULATED GLASS)	6063 - T6	-
12	E712	AS REQD.	SILL TRIM	6063 - T6	OPTIONAL
13	E713	AS REQD.	2" SILL RISER	6063 - T6	-
14	E714	AS REQD.	2-3/4" SILL RISER	6063 - T6	-
15	E715	AS REQD.	FIXED PANEL CLIP (CONTINUOUS)	6063 - T6	-
16	E729	AS REQD.	HOOK STRIP	6063 - T6	-
17	E717	AS REQD.	INTERLOCK REINFORCEMENT	6063 - T6	-
18	#10 X 3/4" HWH SMS	AS REQD.	FRAME ASSEMBLY SCREWS	ST. STEEL	-
18A	#10 X 1" FH SMS	AS REQD.	PANEL ASSEMBLY SCREWS	ST. STEEL	-
19	#8 X 1/2" PH SMS	2/CLIP	FIXED PANEL CLIP SCREWS	ST. STEEL	AT 3" FROM ENDS & 16" O.C.
20	#10 X 1-1/4" PH SMS	1/ROLLER	ROLLER INST. SCREWS	-	NOT SHOWN
21	WEATHERSTRIP	AS REQD.	FRAME AND PANEL WEATHERSTRIP	-	FIN SEAL .190" HIGH BY ULTRAFAB
22	E235	AS REQD.	INTERLOCK BUMPER BULB	SANTOPRENE	ULTRAFAB
23	E203	AS REQD.	GLAZING BEAD BULB	SANTOPRENE	ULTRAFAB DUROMETER 65±5
24	PRO3-6005	2/MOV. PANEL	TANDEM NYLON WHEELS IN ST. STEEL HOUSING	-	INTERLOCK (1/2" MTG. SPACER REQD.)
25	E718	2/PANEL	FIXED PANEL SKATE	DELFIN	-
26	#8 X 1/2" PH SMS	2/CLIP	FIXED PANEL SKATE INST. SCREWS	ST. STEEL	-
27	-	AS REQD.	3 PLY DUAL POINT LOCK ASSEMBLY	-	BY INTERLOCK
28	-	AS REQD.	BUMPON (SILICONE SPACER)	SILICONE	BY FRANK LOWE
29	-	AS REQD.	SETTING BLOCK AT 1/4 POINTS	EPDM	DUROMETER 80±5



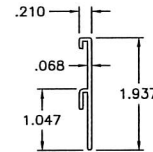
① FRAME HEAD



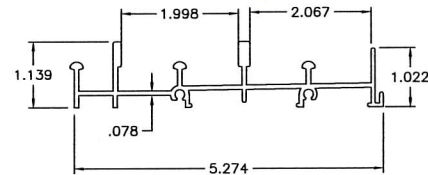
③ FRAME JAMB



⑫ SILL TRIM



⑬ 2" SILL RISER



② FRAME SILL

SEALANT:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH WHITE/ALUMINUM COLORED SILICONE

Revision:
COMBINED 700 & 700-3, REVISED TABLE FORMAT, ADDED DP TABLE ROUNDING, CONFIG. & ANCHOR HEAD TYPE NOTES, UPDATED PART #S, REMOVED SILICONE AND BACKSTOP ON INSTALL DETAIL

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

REGISTRATION #29296

Date 4/10/2022

Drawn HONG C.

Check No.

SGD700FPA - LMI

Rev. A

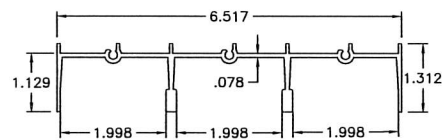
ECO window systems
ECO WINDOW SYSTEMS, LLC.
8502 N.W. 80th ST., MEDLEY, FL 33166
TEL (305) 885-5299 FAX (305) 885-5802

Series 700

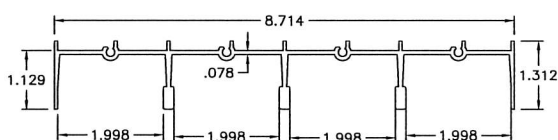
Sheet

18 OF 21

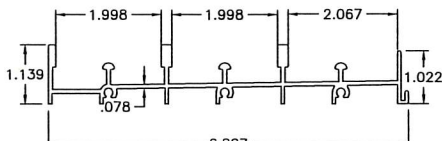
Anthony Lynn Miller
LICENSE
No. 58705
9/6/23
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.#58705



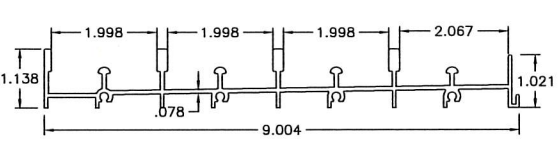
①A FRAME HEAD (3 TRACK)



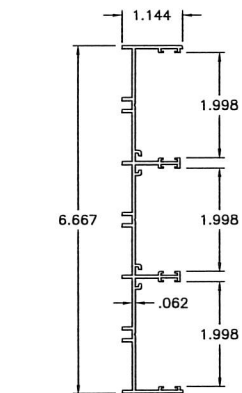
①B FRAME HEAD (4 TRACK)



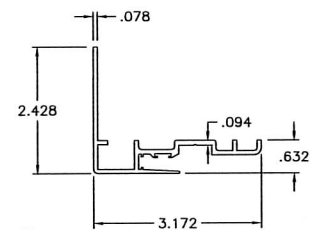
②A FRAME SILL (3 TRACK)



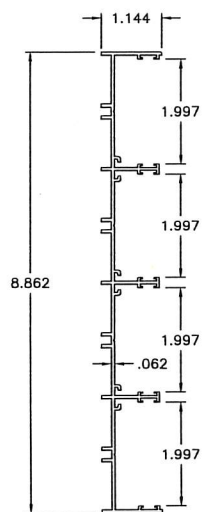
②B FRAME SILL (4 TRACK)



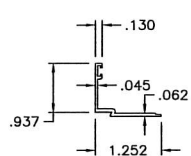
③A FRAME JAMB (3 TRACK)



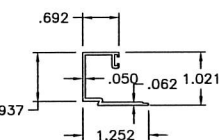
①6 HOOK STRIP



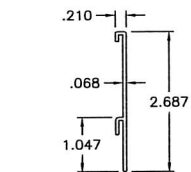
③B FRAME JAMB (4 TRACK)



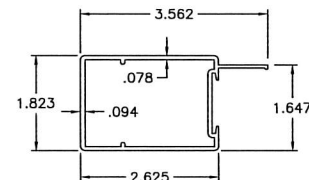
⑩ GLAZING BEAD
1" INSUL. LAM. GLASS



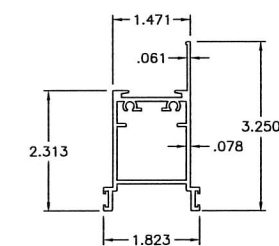
⑪ GLAZING BEAD
7/16" LAM. GLASS



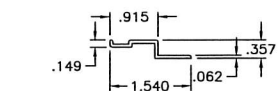
⑭ 2-3/4" SILL RISER



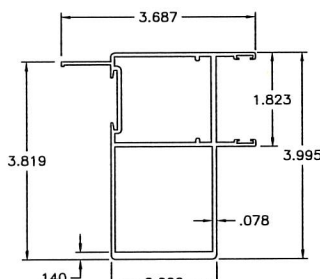
⑤ PANEL LOCK STILE



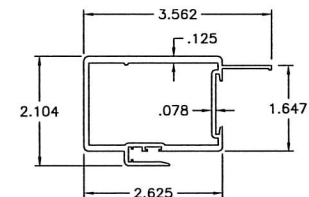
④ PANEL TOP & BOTTOM RAIL



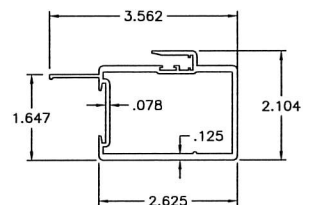
⑮ FIX. PANEL CLIP



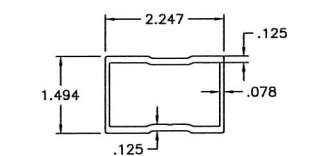
⑨ PANEL FEMALE ASTRAGAL



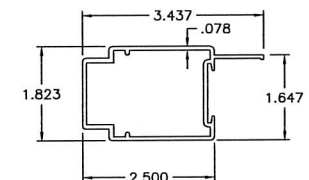
⑦ PANEL INNER INTERLOCK



⑥ PANEL OUTER INTERLOCK



⑰ INTERLOCK STIFFENER



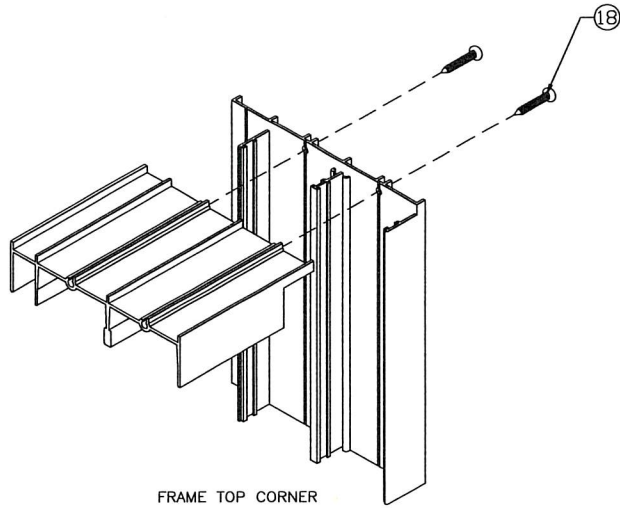
⑧ PANEL MALE ASTRAGAL

Revision:
COMBINED 700 &
700-3, REVISED
TABLE FORMAT,
ADDED DP
TABLE
ROUNDING,
CONFIG. &
ANCHOR HEAD
TYPE NOTES
UPDATED PART
#S, REMOVED
SILICONE AND
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INSTALL DETAIL

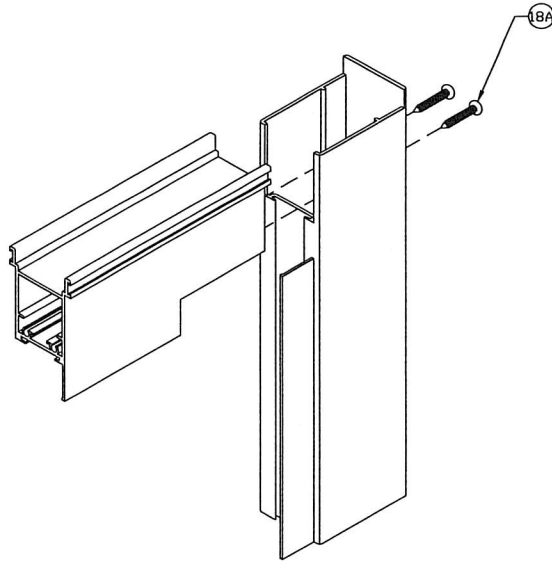
PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #29296

ECO window systems
ECO WINDOW SYSTEMS, LLC.
8802 N.W. 80th ST., MEDLEY, FL 33166
TEL (305) 885-5299 FAX (305) 885-5902
SERIES 700 ALUM. SLIDING GLASS DOOR W/ REINF. (L.M.I.)
4/10/2022
HONG C.
SGD700FPA - LMI
A

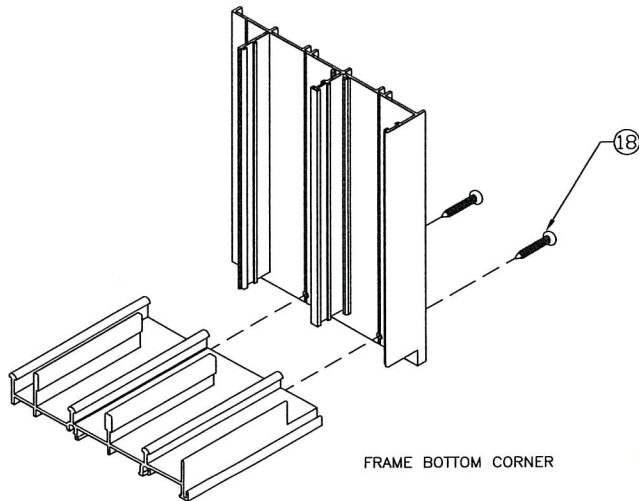
ANTHONY LYNN MILLER
LICENSE
No. 58705
9/6/23
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705



FRAME TOP CORNER



PANEL TOP/BOTTOM CORNER



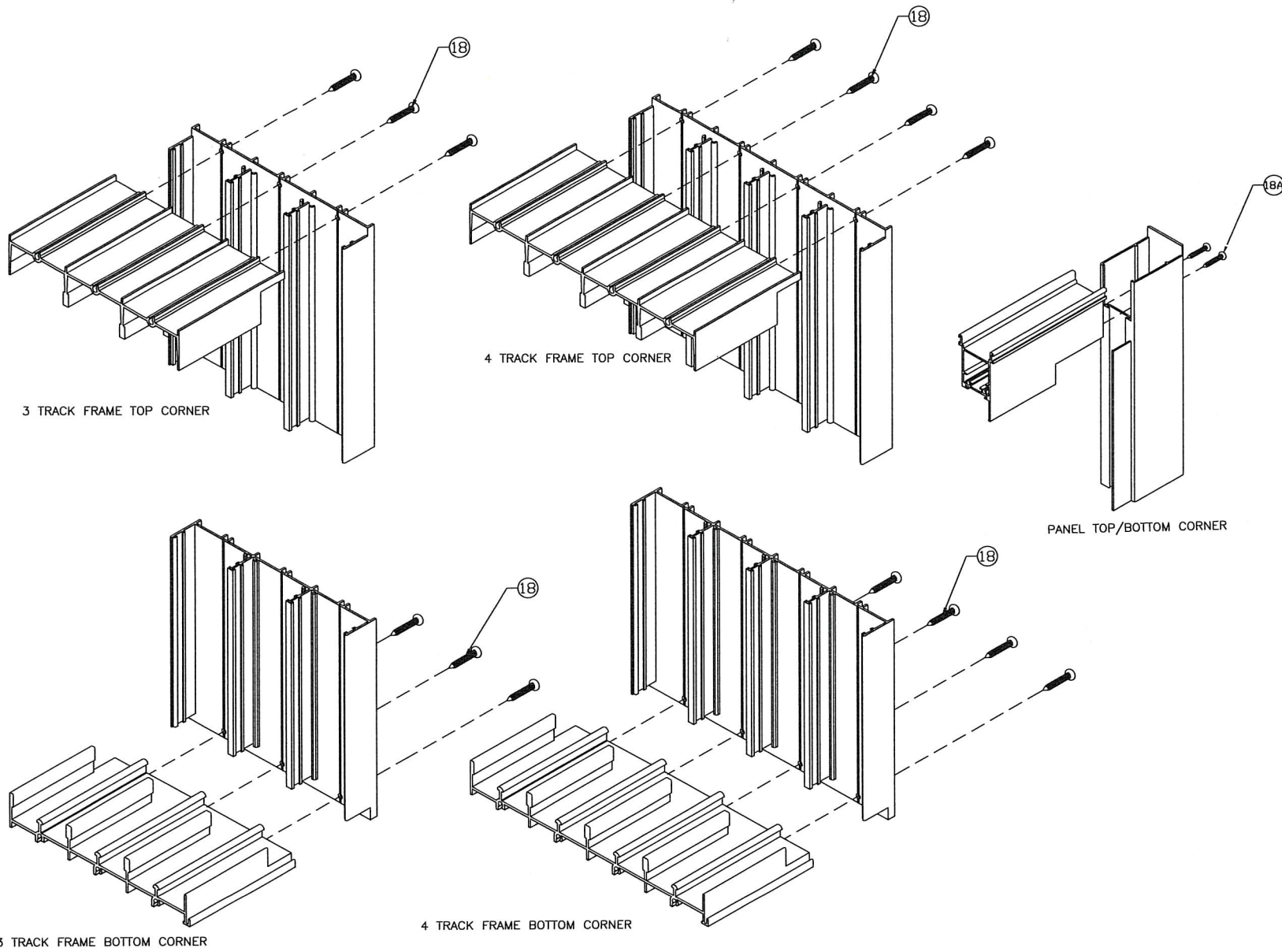
FRAME BOTTOM CORNER

Revision:
COMBINED 700 &
700-3, REVISED
TABLE FORMAT,
ADDED DP
TABLE
ROUNDING,
CONFIG. &
ANCHOR HEAD
TYPE NOTES,
UPDATED PART
#S, REMOVED
SILICONE AND
BACKSTOP ON
INSTALL DETAIL

PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #23296
4/10/2022
HONG C.
SGD700FPA - LMI
A

ECO window systems
ECO WINDOW SYSTEMS, LLC.
8502 N.W. 80th ST. MEDLEY, FL 33166
TEL (305) 885-5298 FAX (305) 885-5902
SERIES 700 ALUM. SLIDING GLASS DOOR W/ REIN. (L.M.I.)
ASSEMBLY CORNER DETAILS
SERIES 700
20 OF 21
Sheet

ANTHONY LYNN MILLER
LICENSE
No. 58705
9/6/23
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705



Revision:
 COMBINED 700 &
 700-3, REVISED
 TABLE FORMAT,
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 TABLE
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 ANCHOR HEAD
 TYPE NOTES
 UPDATED PART
 #S, REMOVED
 SILICONE AND
 BACKSTOP ON
 INSTALL DETAIL

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #23256	Date 4/10/2022	Rev. A
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST., MEDLEY, FL 33166 TEL (955) 885-5288 FAX (955) 885-5902		Drawn by HONG C.	Title ASSEMBLY CORNER DETAILS	No. SGD700FPA - LMI
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST., MEDLEY, FL 33166 TEL (955) 885-5288 FAX (955) 885-5902		Series SERIES 700	Desc. SLIDING GLASS DOOR W/ REINF. (L.M.I.)	Sheet 21 OF 21

