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USER: Public User[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**OFFICE OF THE
SECRETARYFL #
Application Type
Code Version
Application StatusFL40096-R3
Revision
2023
ApprovedComments
ArchivedProduct Manufacturer
Address/Phone/EmailEco Window Systems
8502 NW 80th Street
Suite 103
Medley, FL 33166
(305) 885-5299
jrosowski@pgtindustries.com

Authorized Signature

Jens Rosowski
jrosowski@pgtindustries.comTechnical Representative
Address/Phone/EmailLynn Miller, P.E.
1070 Technology Dr
N Venice, FL 34275
(941) 486-0100 Ext 21142
lmiller@pgtindustries.comQuality Assurance Representative
Address/Phone/EmailCategory
SubcategoryWindows
Single Hung

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

[FL40096_R3_COI_Cert of Independence.pdf](#)

Referenced Standard and Year (of Standard)

Standard
TAS 201, 202 & 203**Year**
1994

Equivalence of Product Standards
Certified By

Sections from the Code

Product Approval Method

Method 1 Option D

Date Submitted

10/13/2023

Date Validated

10/13/2023

Date Pending FBC Approval

10/22/2023

Date Approved

12/13/2023

Summary of Products

FL #	Model, Number or Name	Description
40096.1	Eco-Guard Series 100 Single Hung	Small Missile Impact Resistant, Aluminum Single Hung Window
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see the enclosed documents for product performance information, anchorage details, and anchor type, size, and spacing information.		Installation Instructions FL40096_R3_II_SH100SM-FPA REV A.pdf Verified By: A. Lynn Miller, P.E. PE-58705 Created by Independent Third Party: No Evaluation Reports FL40096_R3_AE_ECO_SH100SMI ENG EVAL REV A.pdf Created by Independent Third Party: No
40096.2	Eco-Guard Series 100 Single Hung	Large Missile Impact Resistant, Aluminum Single Hung Window
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see the enclosed documents for product performance information, anchorage details, and anchor type, size, and spacing information.		Installation Instructions FL40096_R3_II_SH100LM-FPA REV B.pdf Verified By: A. Lynn Miller, P.E. PE-58705 Created by Independent Third Party: No Evaluation Reports FL40096_R3_AE_ECO_SH100LMI ENG EVAL REV B.pdf Created by Independent Third Party: No
40096.3	Eco-Guard Series 50 Single Hung	Large Missile Impact Resistant, Aluminum Single Hung Window
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see the enclosed documents for product performance information, anchorage details, and anchor type, size, and spacing information.		Installation Instructions FL40096_R3_II_SH50FPA-LMI REV A.pdf Verified By: A. Lynn Miller, P.E. PE-58705 Created by Independent Third Party: No Evaluation Reports FL40096_R3_AE_ECO_SH50LMI ENG EVAL REV A.pdf Created by Independent Third Party: No
40096.4	Eco-Guard Series 50 Single Hung	Non-Impact Resistant, Aluminum Single Hung Window
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Please see the enclosed documents for product performance information, anchorage details, and anchor type, size, and spacing information.		Installation Instructions FL40096_R3_II_SH50FPA-NI REV A.pdf Verified By: A. Lynn Miller, P.E. PE-58705 Created by Independent Third Party: No Evaluation Reports FL40096_R3_AE_ECO_SH50NI ENG EVAL REV A.pdf Created by Independent Third Party: No
40096.5	Series 150 Single Hung	Large Missile Impact Resistant, Aluminum Single Hung Window

Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see the enclosed documents for product performance information, anchorage details, and anchor type, size, and spacing information.		Installation Instructions FL40096_R3_II_SH150FPA - LMI REV A.pdf Verified By: A. Lynn Miller, P.E. PE-58705 Created by Independent Third Party: Yes Evaluation Reports FL40096_R3_AE_ECO_SH150LMI ENG EVAL REV A.pdf Created by Independent Third Party: Yes
40096.6	Series 150 Single Hung	Small Missile Impact Resistant, Aluminum Single Hung Window
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see the enclosed documents for product performance information, anchorage details, and anchor type, size, and spacing information.		Installation Instructions FL40096_R3_II_SH150FPA - SMI REV A.pdf Verified By: A. Lynn Miller, P.E. PE-58705 Created by Independent Third Party: No Evaluation Reports FL40096_R3_AE_ECO_SH150SMI ENG EVAL REV A.pdf Created by Independent Third Party: No
40096.7	Series 155 Single Hung	Large Missile Impact Resistant, Aluminum Single Hung Window
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see the enclosed documents for product performance information, anchorage details, and anchor type, size, and spacing information.		Installation Instructions FL40096_R3_II_SH155FPA - LMI REV A.pdf Verified By: A. Lynn Miller, P.E. PE-58705 Created by Independent Third Party: No Evaluation Reports FL40096_R3_AE_ECO_SH155LMI ENG EVAL REV A.pdf Created by Independent Third Party: No
40096.8	Series 155 Single Hung	Small Missile Impact Resistant, Aluminum Single Hung Window
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see the enclosed documents for product performance information, anchorage details, and anchor type, size, and spacing information.		Installation Instructions FL40096_R3_II_SH155FPA - SMI REV A.pdf Verified By: A. Lynn Miller, P.E. PE-58705 Created by Independent Third Party: No Evaluation Reports FL40096_R3_AE_ECO_SH155SMI ENG EVAL REV A.pdf Created by Independent Third Party: No

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

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

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Product Approval Accepts:

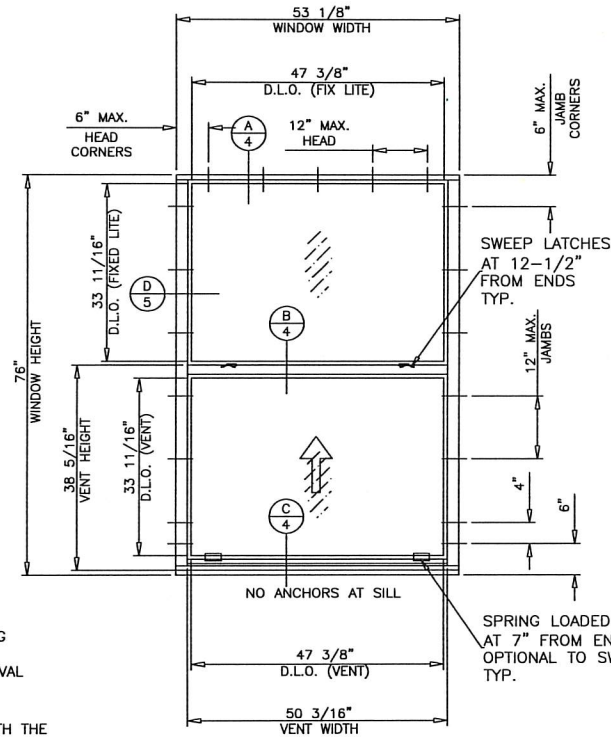


Credit Card
Safe

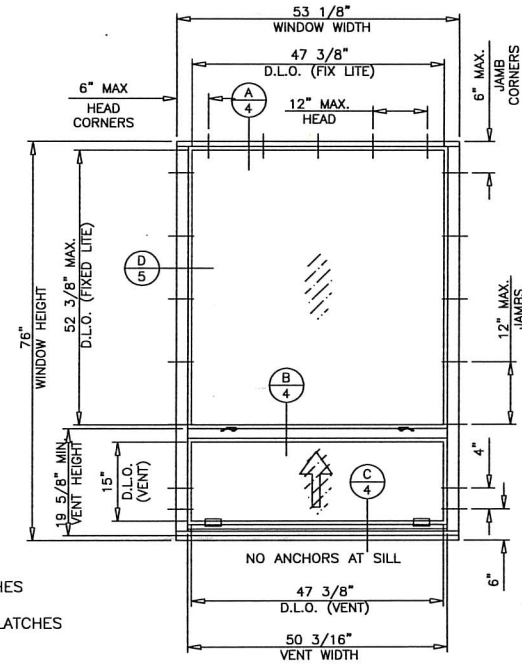
securityMETRICS

FLORIDA PRODUCT APPROVAL #40096

THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.



EQUA LITES



UNEQUAL LITES (ORIEL TYPE)

TYPICAL ELEVATIONS

TESTED UNITS

ECO-GUARD SERIES-100

ALUMINUM SINGLE HUNG WINDOW

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

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF S.H./S.H. OR SINGLE HUNG WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING HVHZ FPA OR MIAMI DADE APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

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

SHUTTERS ARE NOT REQUIRED WHEN USED IN WIND-BORNE DEBRIS REGIONS. FOR INSULATED GLASS INSTALLATIONS ABOVE 30' IN THE HVHZ, THE OUTBOARD LITE (CAP) MUST BE TEMPERED.

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)'.

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

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

REGISTRATION #29296
windows systems
ECO WINDOW SYSTEMS, LLC.
8502 N.W. 80th ST., MEDLEY, FL 33166
TEL: (305) 885-5299 FAX: (305) 885-5902

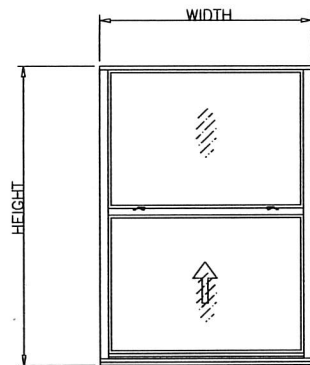
7/14/2022
Date
HONG C.
By
SH100LM-FPA
Rev.
B
1 OF 7
Sheet
Series 100
GENERAL NOTES & TYPICAL ELEVATIONS
ECO-GUARD SERIES-100 ALUM SINGLE HUNG WDW (L.M.I.)
Title

ANTHONY LYNN MILLER
LICENSE
No. 58705
10/4/23
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

Design Load Capacity - PSF (Equal Lite Sizes)

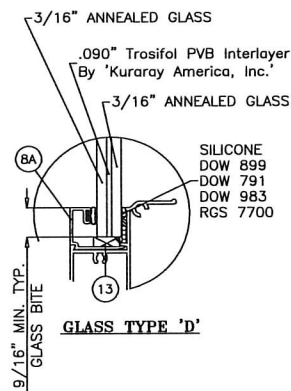
Window Width (in.)	Glass Type	Window Height (in.)									
		26" (3)		38-3/8" (4)		50-5/8" (5)		63" (6)		76" (7)	
19-1/8"	A-E	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0
	F	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0
24"	A-E	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0
	F	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0
26-1/2"	A-E	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0
	F	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0
32"	A-E	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0
	F	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0
37"	A-E	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0
	F	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0
40"	A-E	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0
	F	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0
48"	A-E	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0
	F	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-88.8
53-1/8"	A-E	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0
	F	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-79.6

- * NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.
- * FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.

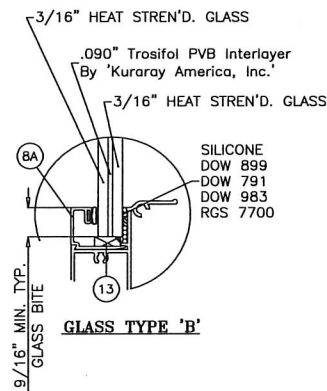


EQUAL LITES

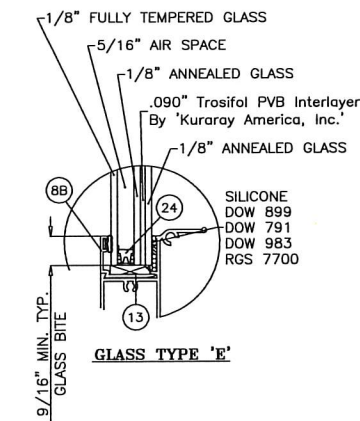
NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)



GLASS TYPE 'D'

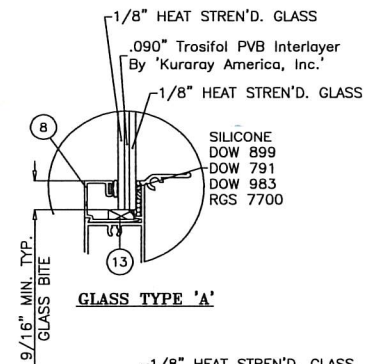


GLASS TYPE 'B'

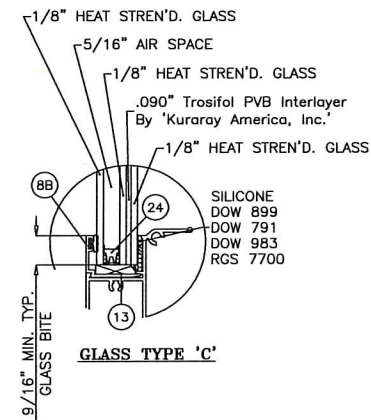


GLASS TYPE 'E'

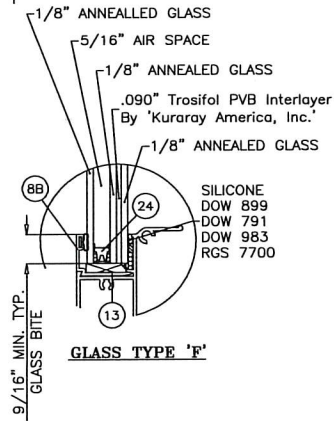
GLAZING OPTIONS



GLASS TYPE 'A'



GLASS TYPE 'C'



GLASS TYPE 'F'

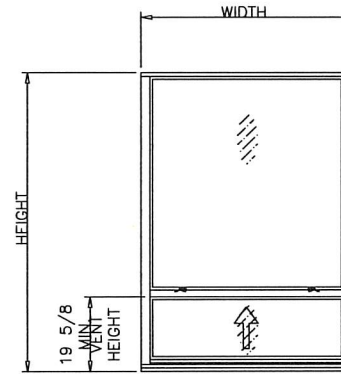
Revision:
REVISED TABLE
FORMAT.
ADDED DP
TABLE
ROUNDING AND
ANCHOR HEAD
TYPE NOTES.
REMOVED
SILICONE AND
BACKSTOP ON
INSTALL DETAIL

PREPARED BY A LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #22296
Date 7/14/2022
By HONG C.
Title

ECO WINDOW SYSTEMS, LLC.
8502 N.W. 80TH ST., MEDLEY, FL 33166
TEL. (305) 885-5298 FAX. (305) 885-5902
ECO-GUARD SERIES-100 ALUM SINGLE HUNG WDW (L.M.I.)
EQUAL LITE DESIGN LOADS & GLASS TYPES
SERIES 100
2 OF 7
Sheet
SH100LM-FPA
B

ANTHONY LYNN MILLER
LICENSE
No. 58705
10/4/23
STATE OF
FLORIDA
A LYNN MILLER, P.E.
P.E.# 58705

Design Load Capacity - PSF (Unequal Lite Sizes)									
Window Width (in.)	Glass Type	Window Height (in.)							
		50-5/8" (5)		57-5/16" (5)		63" (6)		76" (7)	
19-1/8"	A	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0
	B & C	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0
	D, E, & F	+75.0	-90.0	+75.0	-90.0	-	-	-	-
24"	A	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0
	B & C	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0
	D, E, & F	+75.0	-90.0	+75.0	-90.0	-	-	-	-
26-1/2"	A	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0
	B & C	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0
	D, E, & F	+75.0	-90.0	+75.0	-90.0	-	-	-	-
32"	A	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0
	B & C	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0
	D, E, & F	+75.0	-90.0	+75.0	-90.0	-	-	-	-
37"	A	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	-	-
	B & C	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0
	D, E, & F	+75.0	-90.0	+75.0	-90.0	-	-	-	-
40"	A	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	-	-
	B & C	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0
	D, E, & F	+75.0	-90.0	+75.0	-90.0	-	-	-	-
48"	A	+75.0	-90.0	+75.0	-90.0	-	-	-	-
	B & C	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0
	D, E, & F	+75.0	-90.0	+75.0	-90.0	-	-	-	-
53-1/8"	A	+75.0	-90.0	+75.0	-90.0	-	-	-	-
	B & C	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0
	D, E, & F	+75.0	-90.0	+75.0	-90.0	-	-	-	-

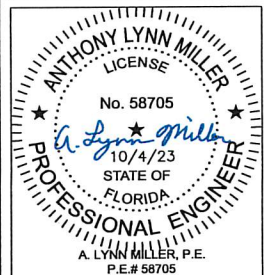


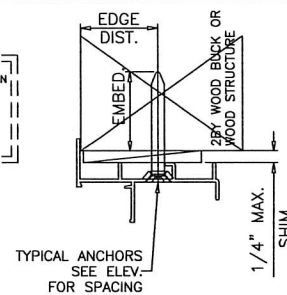
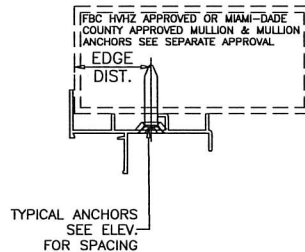
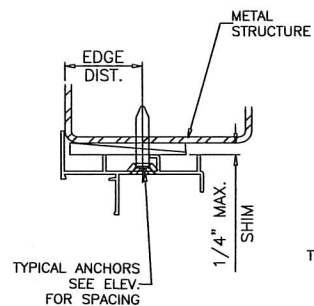
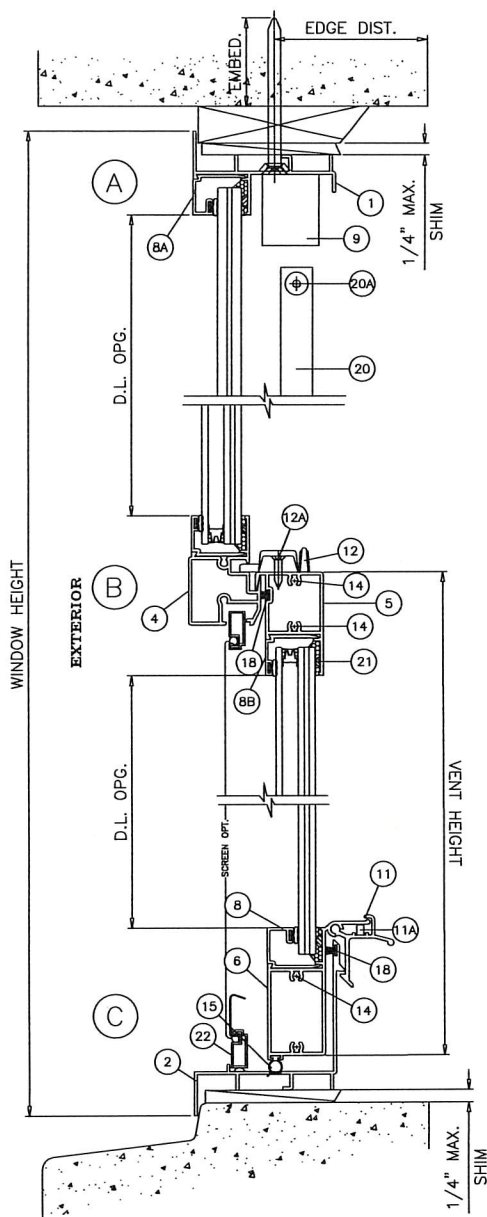
UNEQUAL LITES (ORIEL TYPE)

- * NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.
- * FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.

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

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #23296		7/14/2022		HONG C.		SH100LM-FPA		B	
ECO WINDOW SYSTEMS, LLC 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5289 FAX. (305) 885-5802		ECO-GUARD SERIES-100 ALUM SINGLE HUNG WDW (L.M.I.)		UNEQUAL LITES DESIGN LOADS		3 OF 7		SERIES 100		Sheet	



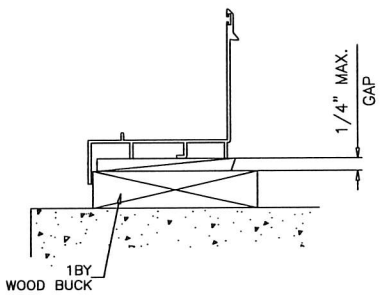


WOOD BUCKS AND METAL STRUCTURE NOT BY 'ECO WDW.'
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

Anchor Type	Frame Member	Substrate	Min. Edge Distance	Min. Embedment or Metal Thickness
1/4" DeWalt UltraCon +	Head/Jambs	Southern Pine (SG = 0.55)	1"	1-1/2"
	Head/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"
	Head/Jambs	Concrete (min. 3ksi)	2-1/2"	1-1/2"
	Jambs	Hollow or Filled Block (ASTM C90, min. 2 ksi)	2-1/2"	1-1/4"
#14 SMS or Self Drilling Screws (Gr. 2)	All	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



SEALANT:

ALL JOINT AND FRAME CONNECTIONS SEALED WITH JOINT SEALER.

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

PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1800

REGISTRATION #29296

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

ECO-GUARD SERIES-100 ALUM SINGLE HUNG WDW (L.M.I.)

7/14/2022

HONG C.

SH100LM-FPA

4 OF 7

SERIES 100

VERTICAL SECTION DETAILS & ANCHORS

Sheet

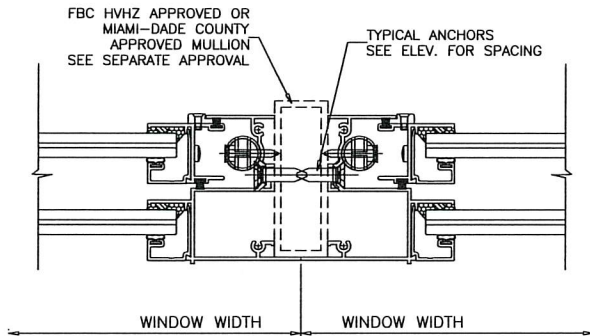
DWG

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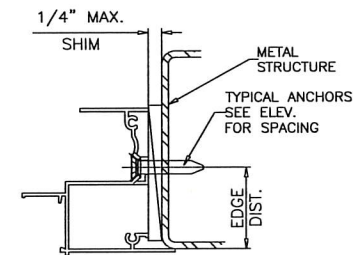
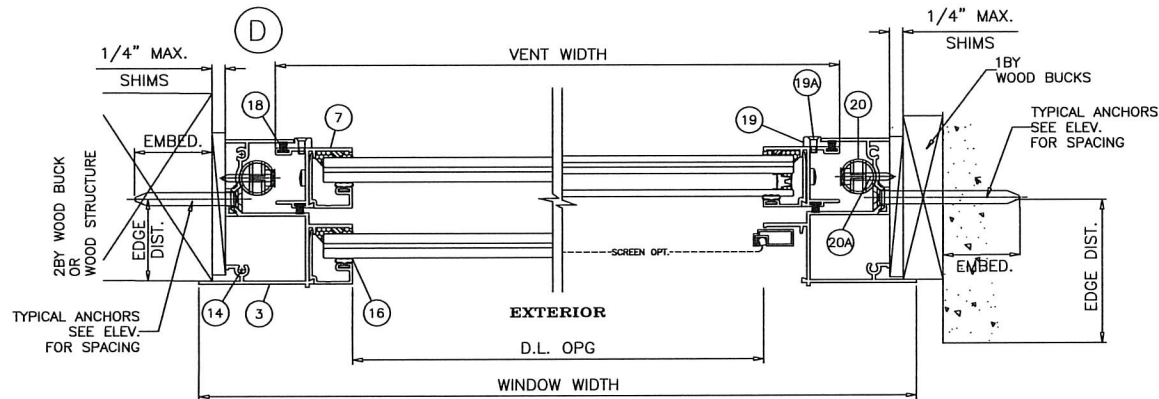
Rev.

B

ANTHONY LYNN MILLER
LICENSE
No. 58705
10/4/23
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

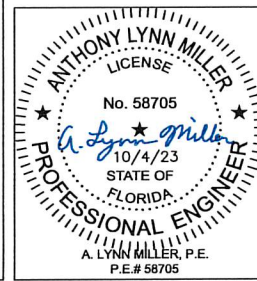


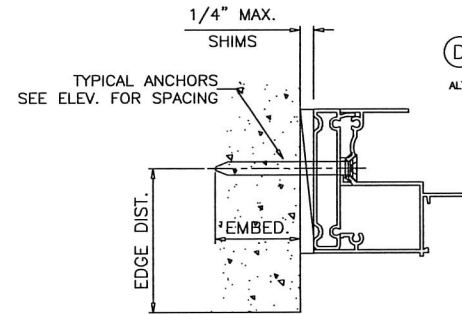
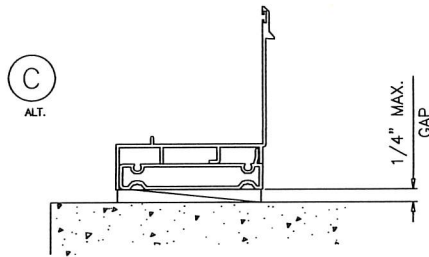
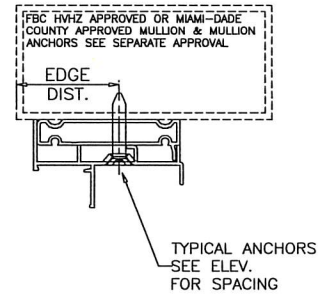
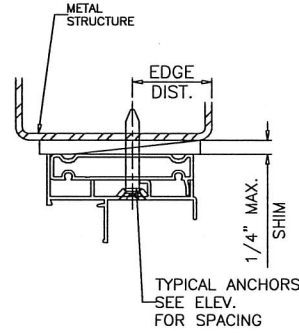
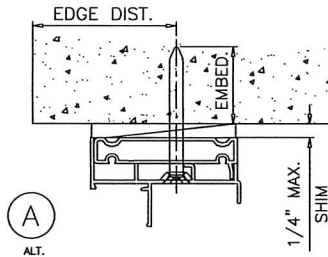
ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	FY101	1	FRAME HEAD	6063 - T6	-
2	FY115	1	FRAME SILL	6063 - T6	-
3	FY103	2	FRAME JAMB	6063 - T6	-
4	FY104	1	FIXED MTG. RAIL	6063 - T6	-
5	FY105	1	VENT TOP RAIL	6063 - T6	-
6	FY114	1	VENT BOTTOM RAIL	6063 - T6	-
7	FY107	2	VENT SIDE RAIL	6063 - T6	-
8	FY108	AS REQD.	GLAZING BEAD (5/16" LAM. GLASS)	6063 - T6	-
8A	FY109	AS REQD.	GLAZING BEAD (7/16" LAM. GLASS)	6063 - T6	-
8B	FY110	AS REQD.	GLAZING BEAD (3/4" LAM. IG GLASS)	6063 - T6	-
9	FY116	2 / VENT	SASH STOP	6063 - T6	-
11	FY113	2 / VENT	SPRING LOADED LATCH, AT 7" FROM ENDS	6063 - T6	-
11A	-	1 / LATCH	LATCH SPRING	ST. STEEL	-
12	SL203P	2/ VENT	SWEEP LATCH	ZAWAK	SULLIVAN & ASSOC.
12A	#8 X 5/8"	2 / LATCH	LATCH INST. SCREWS	ST. STEEL	FH SMS
13	-	AS REQD.	SETTING BLOCK	EPDM	DUROMETER 80±5 SHORE A
14	#8 X 1"	AS REQD.	FRAME & VENT ASSEMBLY SCREWS	CRS	PH SMS
15	E207	AS REQD.	BOTTOM RAIL SEAL - SERIES 101	NEOPRENE	ULTRAFAB
16	E203	AS REQD.	GLAZING BEAD BULB	SANTOPRENE	ULTRAFAB
18	W23181	AS REQD.	FIN SEAL W'STRIPPING	-	ULTRAFAB
19	FY117	4 / VENT	SASH GUIDE	CELCON	M&M PLASTICS
19A	#6 X 3/8"	1 / GUIDE	SASH GUIDE INST. SCREW	-	OH SMS TYPE B
20	F210	2 / VENT	SASH BALANCE	-	SUPERBOOST BY BSI
20A	#8 X 5/8"	1 / BALANCE	BALANCE INST. SCREW	-	PFH SMS
21	-	AS REQD.	GLASS OFFSET SPACER	SILICONE	FRANK LOWE
22	-	1	5/16" BOX SCREEN	-	OPTIONAL
23	FY120	AS REQD.	FLUSH FRAME ADAPTER	6063 - T6	OPTIONAL
24	-	-	IG SPACER	VARIOUS	VARIOUS



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

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1800	REGISTRATION #29286	Date 7/14/2022	By HONG C.	Rev. B
ECO WINDOW SYSTEMS, LLC 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5502	ECO-GUARD SERIES-100 ALUM SINGLE HUNG WDW (L.M.I.)	Sheet 5 OF 7	DWG SH100LM-FPA	
Series Desc. HORIZONTAL SECTION DETAILS & BOM				





INSTALLATION DETAILS WITH FLUSH FRAME ADAPTER

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

PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 460-1600

REGISTRATION #29296

Date 7/14/2022

Drawn

Rev. B

HONG C.

SH100LM-FPA

eco
windows systems
ECO WINDOW SYSTEMS, LLC
5502 NW 80th ST. MIAMI, FL 33166
TEL: (305) 885-5269 FAX: (305) 885-5902

ECO-GUARD SERIES-100 ALUM SINGLE HUNG WDW (L.M.I.)

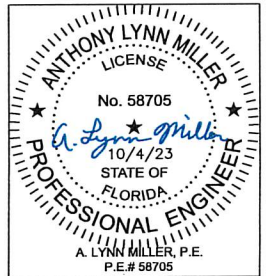
ALTERNATIVE FLUSH FRAME DETAILS

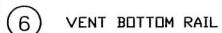
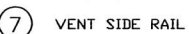
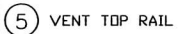
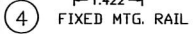
Series 100

6 OF 7

Sheet

DWG No.





Revision:	REVISED TABLE FORMAT, ADDED DP TABLE ROUNDING AND ANCHOR HEAD TYPE NOTES, REMOVED SILICONE AND BACKSTOP ON INSTALL DETAIL
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 ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL (305) 985-5299 FAX (305) 985-5902	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1800		REGISTRATION #22298
Title ECO-GUARD SERIES-100 ALUM SINGLE HUNG WDW (L.M.I.)	Date 7/14/2022	Drawn by HONG C.	
Profiles & Corner Assembly Details		Sheet No. 7 OF 7	
SERIES 100		SH100LM-FPA	
Scaled B		Rev.	

