



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Eco Window Systems, LLC
8502 NW 80 Street
Medley, Florida 33166

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series 1000 Aluminum & Glass Railing System

APPROVAL DOCUMENT: Drawing No. 18-34D, titled "Series 1000 Aluminum & Glass Railing System", sheets 1 through 12 of 12, prepared by Eco Window Systems, LLC, dated August 26, 2022, last revision #C dated August 24, 2023, signed and sealed by Anthony Lynn Miller, P.E., on September 04, 2023, bearing Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. The structural adequacy of the supporting structures is not part of this approval & shall be reviewed by the corresponding Building Dept.

This NOA **revises and renews** NOA #21-0219.09 and consists of this page 1, evidence submitted pages E-1 and E-2 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



Helmy A. Makar
10/05/2023

NOA No. 23-0913.01
Expiration Date: 03/14/2029
Approval Date: 10/05/2023

Eco Window Systems, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 18-0516.04

A. DRAWINGS

1. *Drawing No. 18-34D, titled "Series 1000 Aluminum & Glass Railing System", sheets 1 through 7 of 7, prepared by Al-Farooq Corp., dated March 06, 2018, signed and sealed by Javad Ahmad, P.E., on May 03, 2018.*

B. TESTS

1. *Test Report No. FTL-17799, by Fenestration Testing Laboratory, Inc., dated 12/18/2017, signed and sealed by Idalmis Ortega, P.E., testing Series 1000 Glass Railing System for concentrated loads per FBC 1618.4.8, Impacts per NSI Z97.1, Static Wind Load per TAS 202-94.*

C. CALCULATIONS

1. *Calculation titled "Series 1000 Aluminum and Glass Railing", sheets TR-1, G-1, SC-1 thru SC-5, GR-1 thru GR-14, and CA-1 thru CA-4, dated May 04, 2018, prepared by Al-farooq Corporation, signed and sealed by Javad Ahmad, P.E.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources (RER).*

E. MATERIAL CERTIFICATIONS

1. *None.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #21-0219.09

A. DRAWINGS

1. *Drawing No. 18-34D, titled "Series 1000 Aluminum & Glass Railing System", sheets 1 through 7 of 7, including 2.1, 2.2, 4.1, 6.1, 7.1, prepared by Al-Farooq Corp., dated March 06, 2018, last revision #B dated January 25, 2021.*

B. TESTS

1. *Test Report No. FTL-20-1080, by Fenestration Testing Laboratory, Inc., dated 10/07/2020, signed and sealed by Idalmis Ortega, P.E., testing Series 1000 Glass Railing System for concentrated loads per FBC 1618.4.8, Impacts per NSI Z97.1, Static Wind Load per TAS 202-94.*

C. CALCULATIONS

1. *Calculation titled "Series 1000 Aluminum and Glass Railing", 21 sheets, dated January 22, 2021, prepared by Al-farooq Corporation, signed and sealed by Jalal Farooq, P.E.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources (RER).*

E. MATERIAL CERTIFICATIONS

1. *None.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 23-0913.01
Expiration Date: 03/14/2029
Approval Date: 10/05/2023

Eco Window Systems, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. 18-34D, titled "Series 1000 Aluminum & Glass Railing System", sheets 1 through 12 of 12, prepared by Eco Window Systems, LLC, dated August 26, 2022, last revision #C dated August 24, 2023, signed and sealed by Anthony Lynn Miller, P.E., on September 04, 2023.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

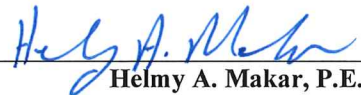
1. *By Miami-Dade County Department of Regulatory and Economic Resources (RER).*

E. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

1. *FBC, 2020 Edition and 2023 Edition compliance letter issued by PGT Innovations, dated 09/04/2023, signed and sealed by Anthony Lynn Miller, P.E., on 09/04/2023.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 23-0913.01
Expiration Date: 03/14/2029
Approval Date: 10/05/2023

TABLE #1

* POST HOLE TABLE (RAILING HEIGHT = 45 IN.)				
STANDARD POSTS				
CONCRETE STRENGTH	POST EMBEDMENT	HOLE SIZE	POST SPACING	LOAD CAPACITY PSF
3000 PSI	4 IN.	5 IN. DIA.	36 IN.	77.2
			42 IN.	66.2
			48 IN.	57.9
		6 IN. DIA.	36 IN.	92.6
			42 IN.	79.4
			48 IN.	69.5
4000 PSI	4 IN.	5 IN. DIA.	36 IN.	102.9
			42 IN.	88.2
			48 IN.	77.2
		6 IN. DIA.	36 IN.	120.0
			42 IN.	105.9
			48 IN.	92.6
5000 PSI	4 IN.	5 IN. DIA.	36 IN.	120.0
			42 IN.	110.3
			48 IN.	96.5
		6 IN. DIA.	36 IN.	120.0
			42 IN.	119.9
			48 IN.	104.9
5000 PSI	4-1/4 IN.	5 IN. DIA.	36 IN.	120.0
			42 IN.	110.3
			48 IN.	96.5
		6 IN. DIA.	36 IN.	120.0
			42 IN.	120.0
			48 IN.	115.8

SERIES 1000 ALUMINUM WINDOW WALL SYSTEM

- 1) THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 2) ANCHORS SHALL BE CORROSION RESISTANT AS LISTED, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND FLOOR DRESSING.
- 3) MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.
- 4) 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 ANALYZE SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.
- 5) DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

TABLE #2

* POST HOLE TABLE (RAILING HEIGHT = 45 IN.)				
VARIABLE ANGLE POTS WITHOUT BRIDGE				
CONCRETE STRENGTH	POST EMBEDMENT	HOLE SIZE	POST SPACING	LOAD CAPACITY PSF
3000 PSI	4 IN.	5 IN. DIA.	36-3/4 IN.	75.4
		6 IN. DIA.	42-1/2 IN.	65.2
			36-3/4 IN.	87.0
4000 PSI	4 IN.	5 IN. DIA.	42-1/2 IN.	75.3
			36-3/4 IN.	100.5
		6 IN. DIA.	42-1/2 IN.	86.9
			36-3/4 IN.	107.9
		5 IN. DIA.	42-1/2 IN.	93.3
			36-3/4 IN.	107.9
5000 PSI	4 IN.	5 IN. DIA.	42-1/2 IN.	93.3
			36-3/4 IN.	107.9
		6 IN. DIA.	42-1/2 IN.	93.3
			36-3/4 IN.	107.9
		5 IN. DIA.	42-1/2 IN.	107.9
			36-3/4 IN.	104.5
5000 PSI	4-1/4 IN.	5 IN. DIA.	36-3/4 IN.	120.0
		6 IN. DIA.	42-1/2 IN.	104.5
			36-3/4 IN.	104.5

TABLE #3

* POST HOLE TABLE (RAILING HEIGHT = 45 IN.)				
VARIABLE ANGLE POSTS WITH BRIDGE				
CONCRETE STRENGTH	POST EMBEDMENT	HOLE SIZE	POST SPACING	LOAD CAPACITY PSF
3000 PSI	4 IN.	6 IN. DIA.	36-3/4 IN.	87.0
4000 PSI				116.1
5000 PSI				120.0

INSTRUCTIONS: USE CHARTS AS FOLLOWS.

- STEP 1 DETERMINE DESIGN WIND LOAD REQUIREMENT BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.
- STEP 2 USE POST HOLE TABLES TO CHECK POST SPACING AND DESIGN LOAD CAPACITY.

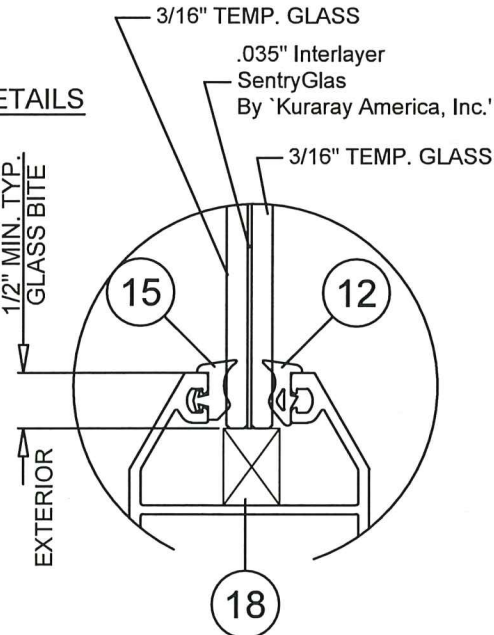
FOR STANDARD POSTS ON SHEET 6 & 9 SEE TABLE #1.

FOR VARIABLE ANGLE POSTS ON SHEET 7 & 10 SEE TABLE #2 OR 3.

CODES / STANDARDS USED:

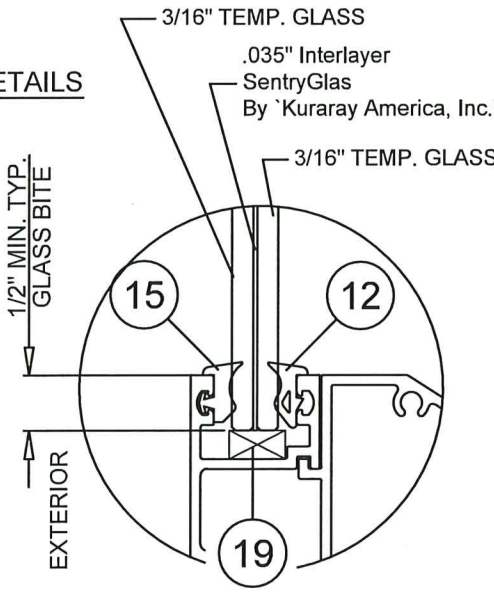
- 2023 FLORIDA BUILDING CODE (FBC), 8TH EDITION
- 2020 FLORIDA BUILDING CODE (FBC), 7TH EDITION
- ASTM E1300-09
- ANSI/AF&PA NDS-2018 FOR WOOD CONSTRUCTION
- ALUMINUM DESIGN MANUAL, ADM-2020
- AISI S100-16
- AISC 360-16

GLASS DETAILS



CENTERED GLASS
7/16" OVERALL LAM. GLASS

GLASS DETAILS



NON-CENTERED GLASS
7/16" OVERALL LAM. GLASS

GENERAL NOTES.....	1
GLAZING DETAILS.....	1
ELEVATIONS.....	2-4
VERT. SECTIONS NON-CENTERED GLASS.....	5
STANDARD POST.....	6
VARIABLE ANGLE POST.....	7
VERT. SECTION CENTERED GLASS.....	8
STANDARD POST.....	9
VARIABLE ANGLE POST.....	10
EXTRUSIONS.....	11
BOM.....	12

Revision: C) UPDATED TO FBC 2023. - 8/24/23 AM

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

8/26/2022
Date

ALONSO MORLESIN
By

C
Rev.

18-34D

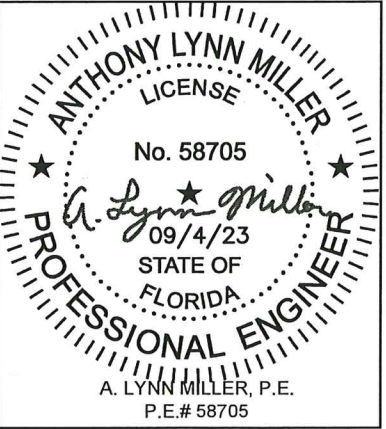
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DWG No.

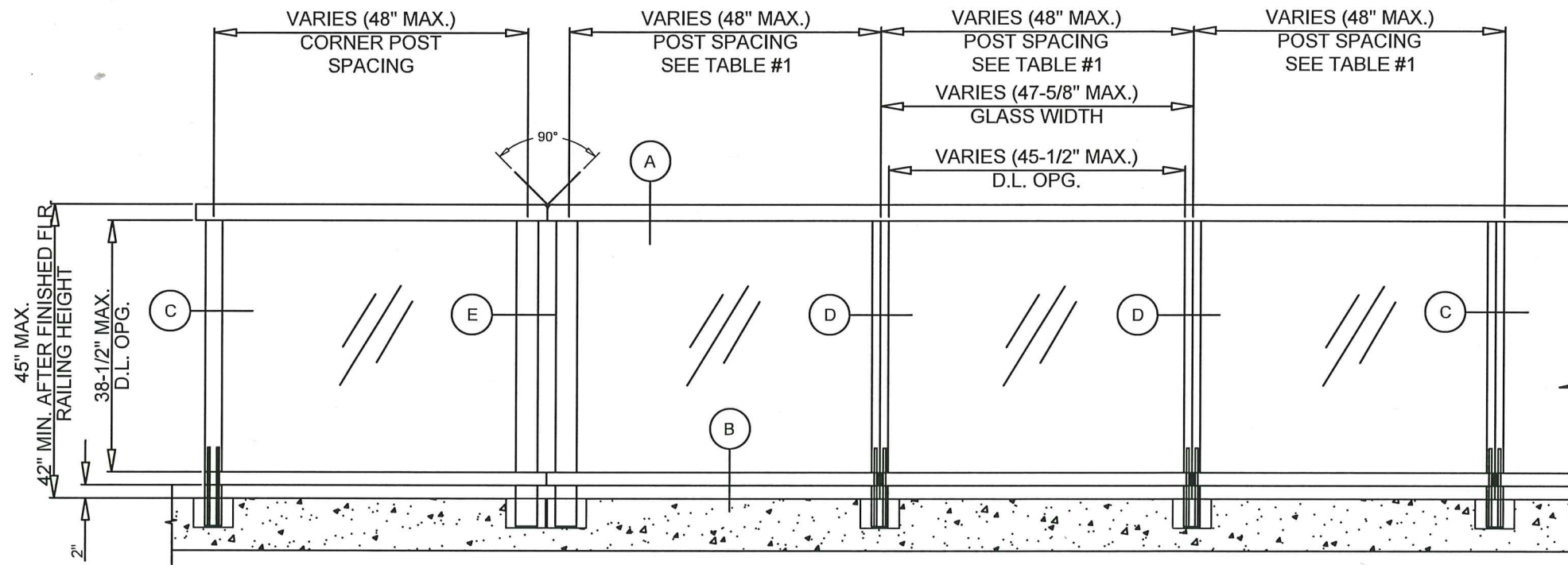
1000
Series

GENERAL INFORMATION & ELEVATION
Title

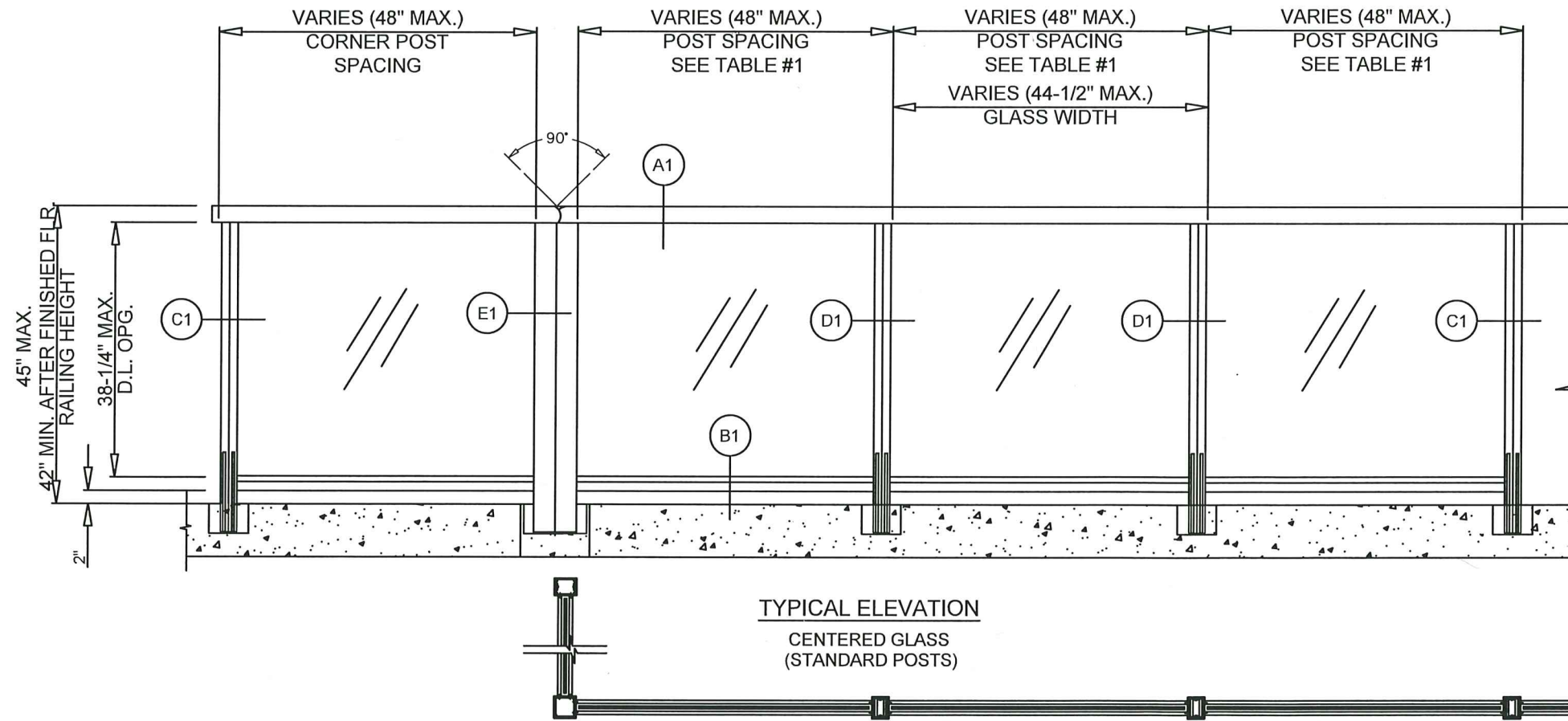
SERIES 1000 ALUM. AND GLASS RAILING SYSTEM
Desc.

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

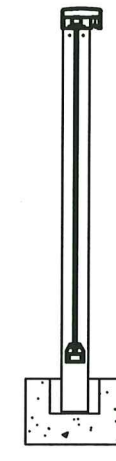
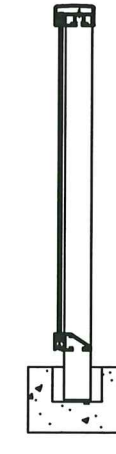




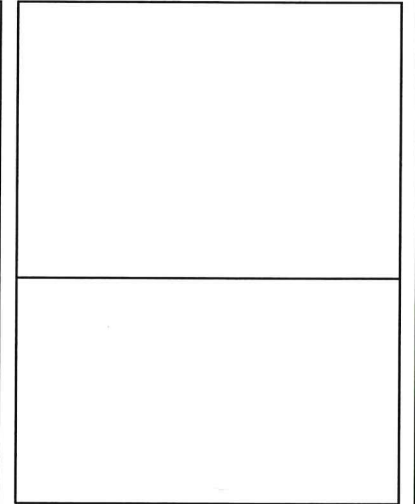
TYPICAL ELEVATION
NON-CENTERED GLASS
(STANDARD POSTS)



TYPICAL ELEVATION
CENTERED GLASS
(STANDARD POSTS)

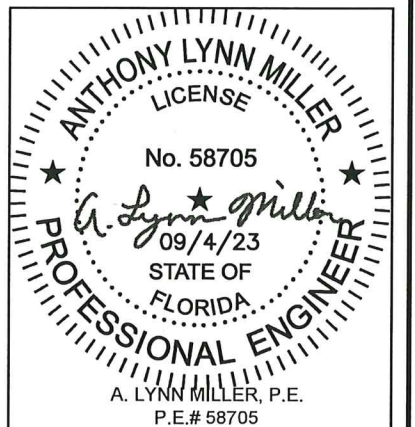


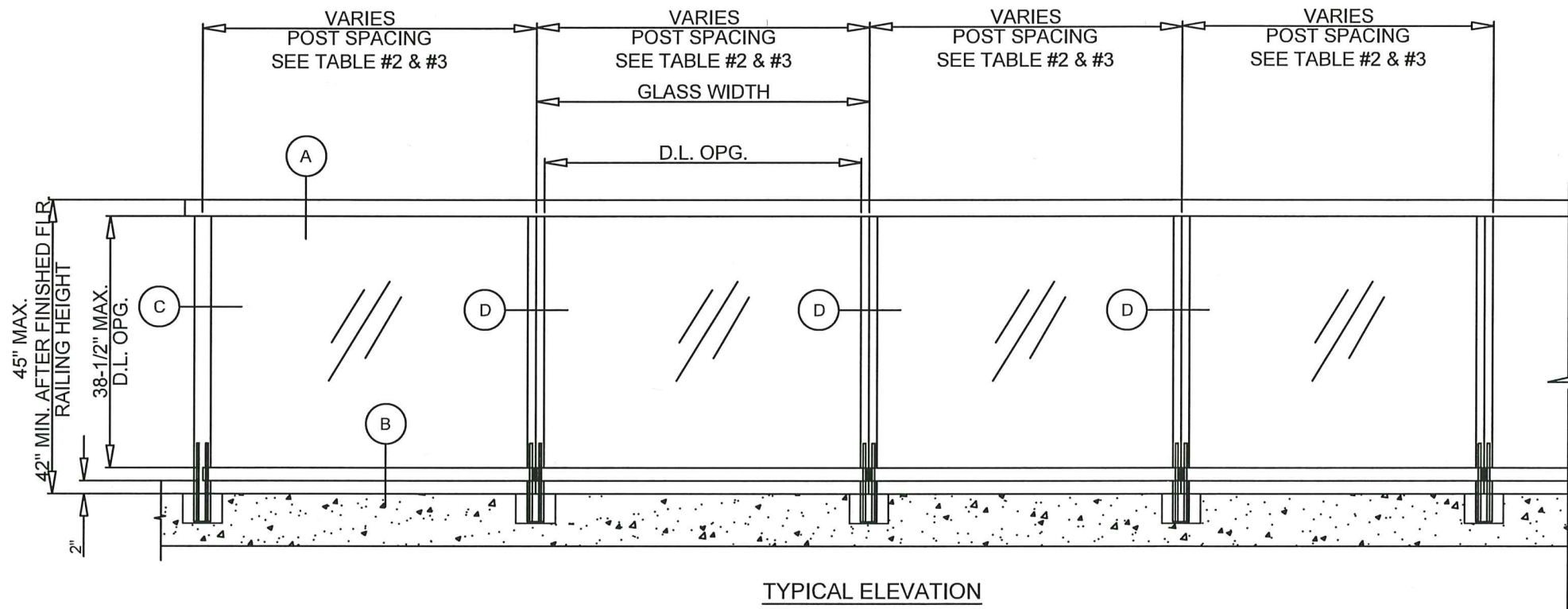
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-0913.01
Expiration Date 03/19/2029
By *H. Lynn Miller*
Miami Dade Product Control



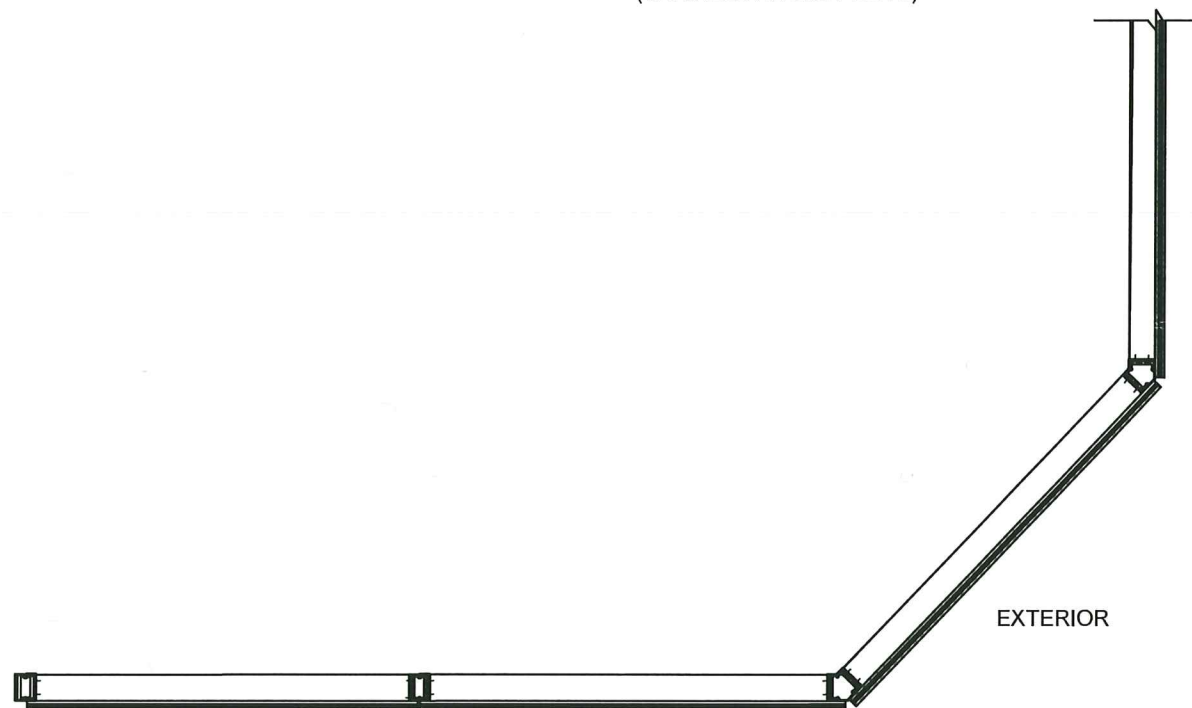
Revision:
C) NO CHANGES IN THIS
SHEET. 8/24/23. AM

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		8/26/2022		C	
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902		SERIES 1000 ALUM. AND GLASS RAILING SYSTEM		ELEVATIONS		18-34D	
ECO window systems		By ALONSO MORLESIN		Date		Rev.	
2 OF 12		2 OF 12		2 OF 12		2 OF 12	
SERIES 1000		SERIES 1000		SERIES 1000		SERIES 1000	





TYPICAL ELEVATION
NON-CENTERED GLASS
(VARIABLE ANGLE POSTS)

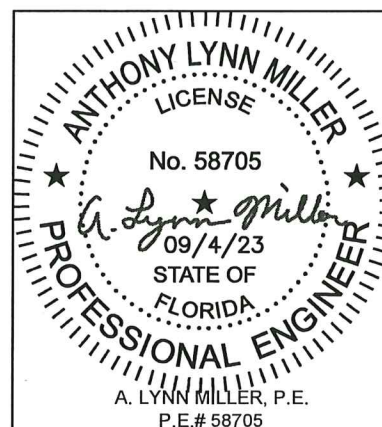


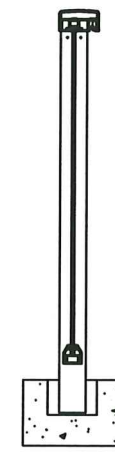
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Acceptance No. 23-0913.01
Expiration Date 03/14/2029
By: *[Signature]*
Miami Data Product Control

NON-CENTERED GLASS

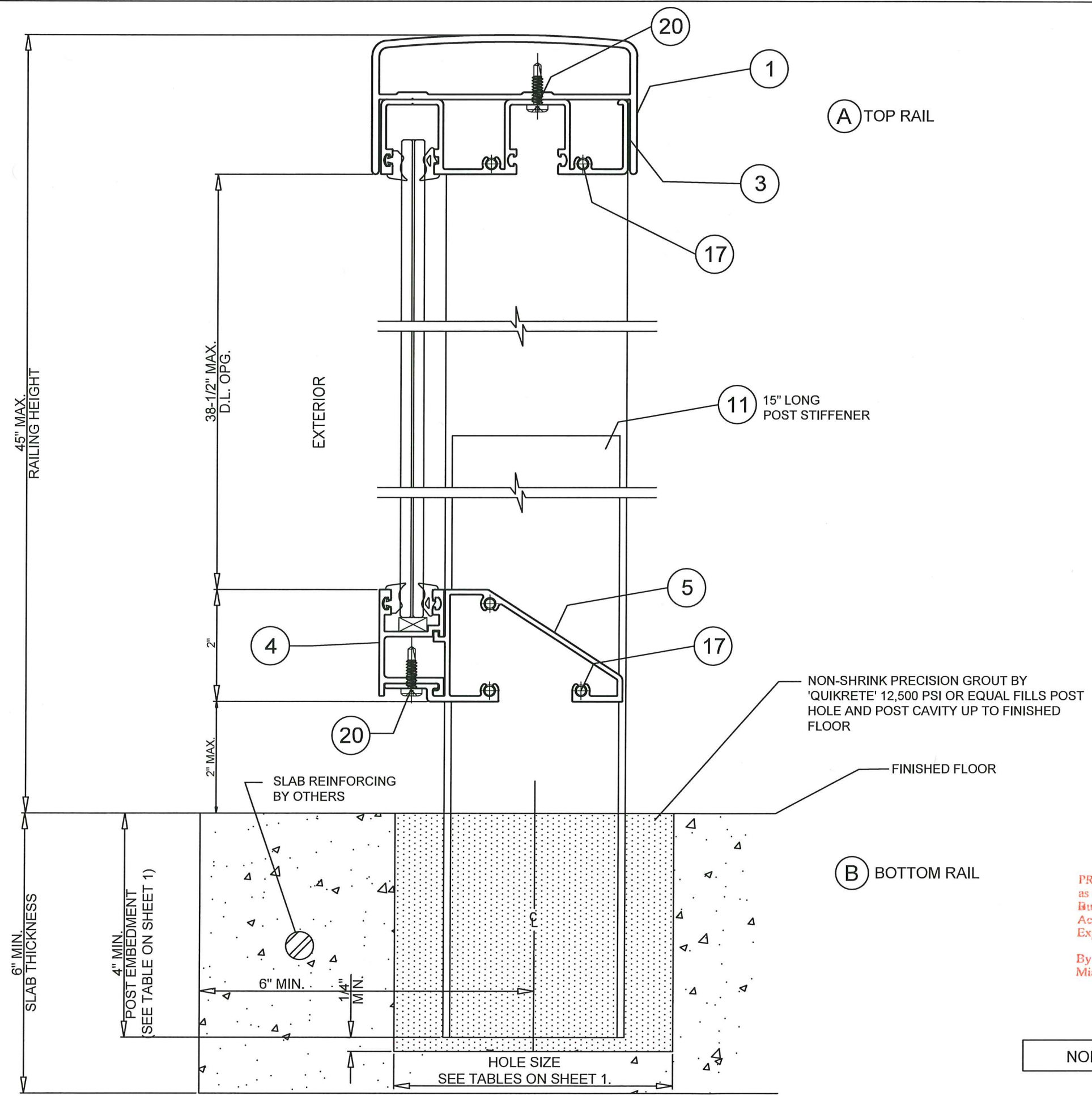
Revision:
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PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		8/26/2022	
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902		ELEVATIONS		ALONSO MORLESIN	
SERIES 1000 ALUM. AND GLASS RAILING SYSTEM		3 OF 12		18-34D	
ELEVATIONS		DWG No.		C	
SERIES 1000		Sheet		Rev.	





CENTERED GLASS



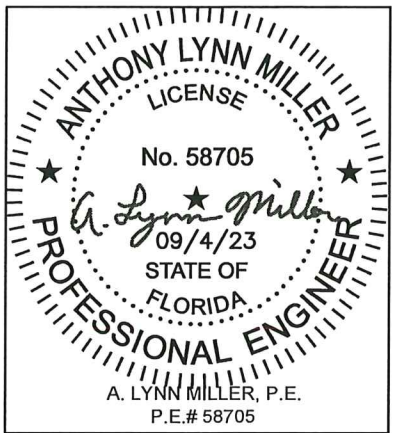
PRODUCT REVISED
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Acceptance No. 23-0913.01
Expiration Date 03/14/2029
By *[Signature]*
Miami Data Product Control

NON-CENTERED GLASS

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Revision: C) NO CHANGES IN THIS SHEET. 8/24/23. AM

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		8/26/2022		C	
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902		SERIES 1000 ALUM. AND GLASS RAILING SYSTEM		Date		Rev.	
window systems		DRAWN BY ALONSO MORLESIN		DWG No.		18-34D	
VERTICAL SECTION NON-CENTERED GLASS		Sheet		5 OF 12			
SERIES 1000							



(E) 90° OUTSIDE CORNER

(D) STANDARD POST

(C) STD. STARTING POST

6" DIA. HOLES
AT 90° CORNER ONLY

5" OR 6" DIA. HOLES
SEE TABLE #1 FOR
CAPACITY

FACE OF BLOCK WALL
OR CONC. COLUMN

EXTERIOR

3/8" MAX
TYP.

3-3/4" MAX
REF.

POST SPACING

POST SPACING

6" DIA. HOLES
AT 90° CORNER
ONLY

(E) 90° INSIDE CORNER

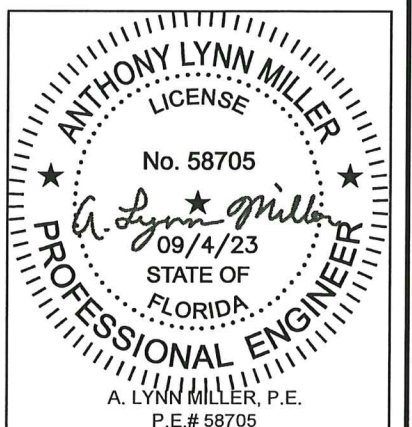
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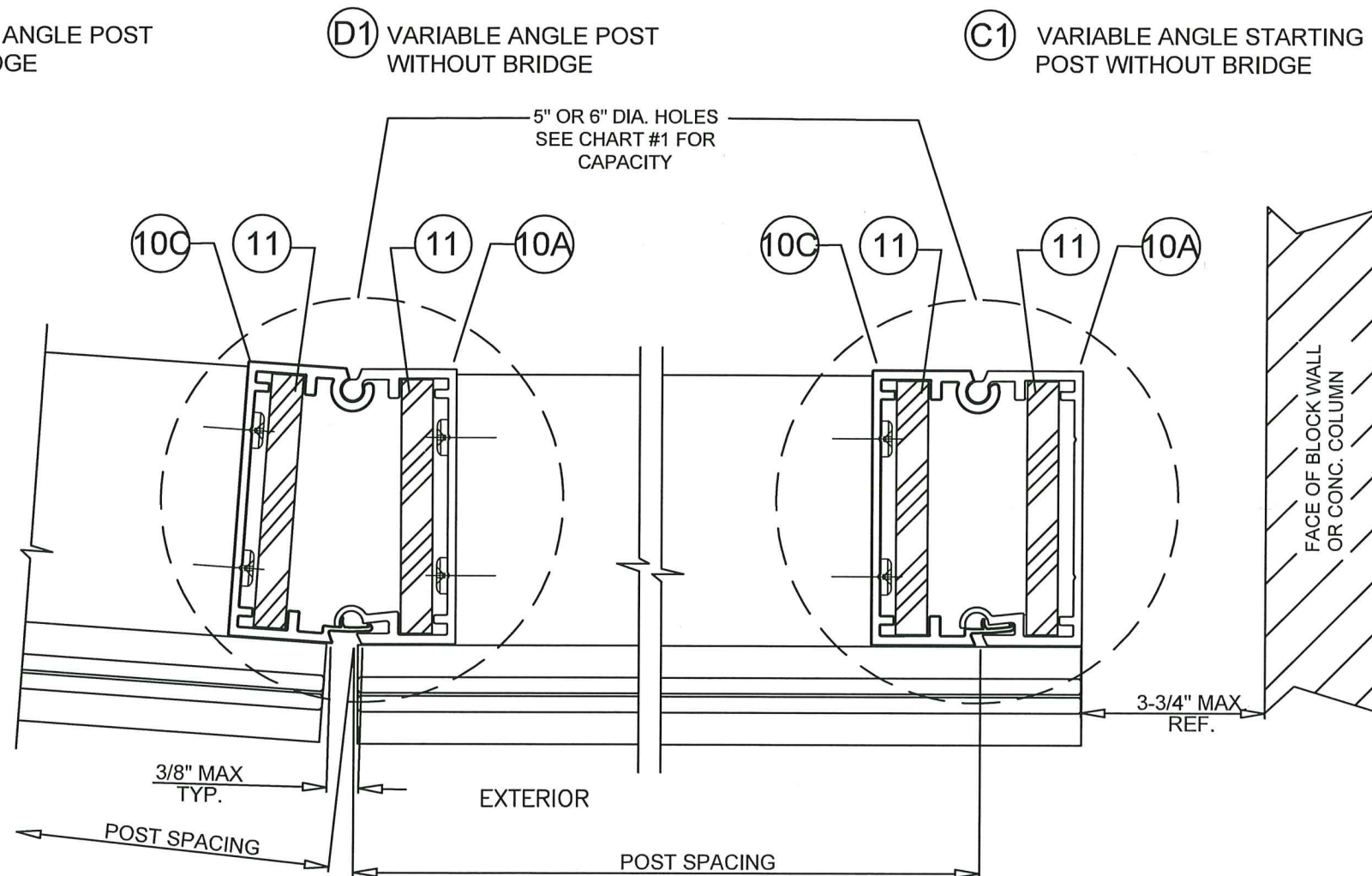
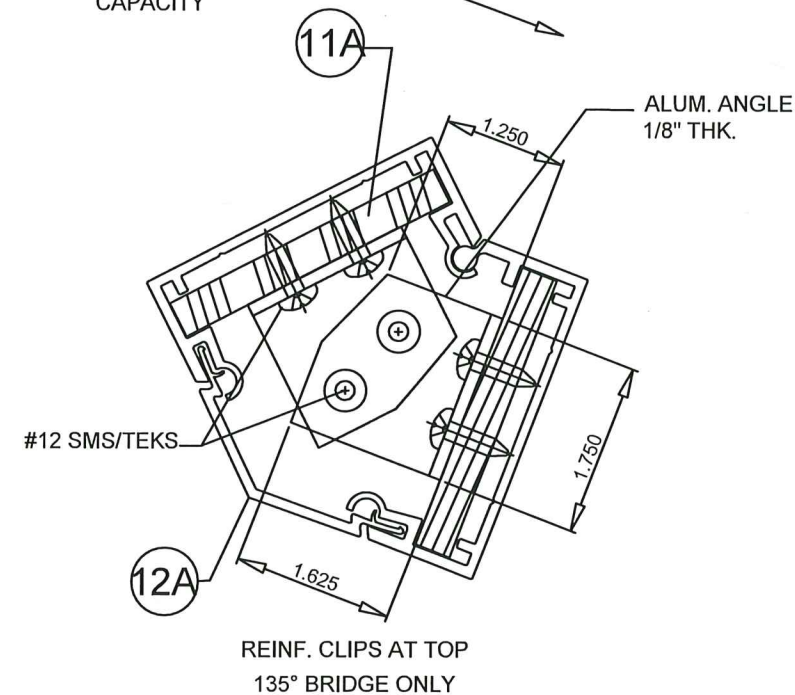
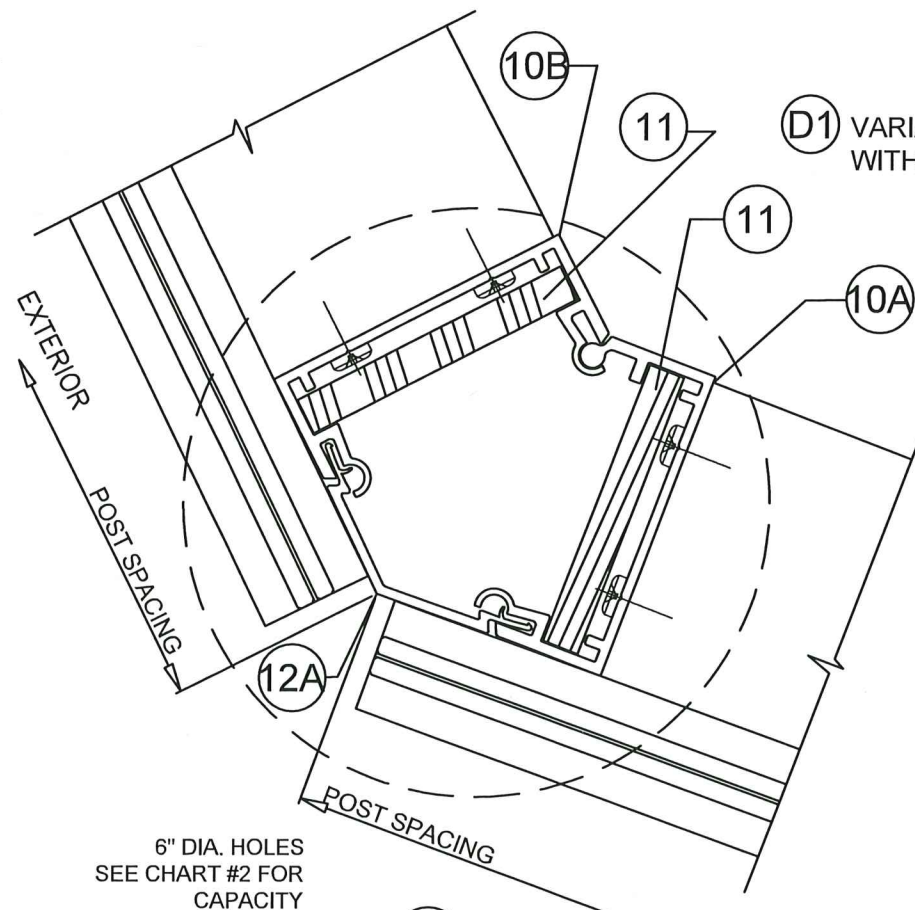
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Acceptance No. 23-0913.01
Expiration Date 03/14/2024
By Heidi D. Miller
Miami Date Product Control

NON-CENTERED GLASS
STANDARD POSTS

Revision:
C) NO CHANGES IN THIS
SHEET. 8/24/23. AM

			PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902			REGISTRATION #29296		
SERIES 1000 ALUM. AND GLASS RAILING SYSTEM			Date	8/26/2022	
STANDARD POST			By	ALONSO MORLESIN	
Series	SERIES 1000	Sheet	DWG No.	18-34D	
Usec.	6 OF 12		Rev.	C	



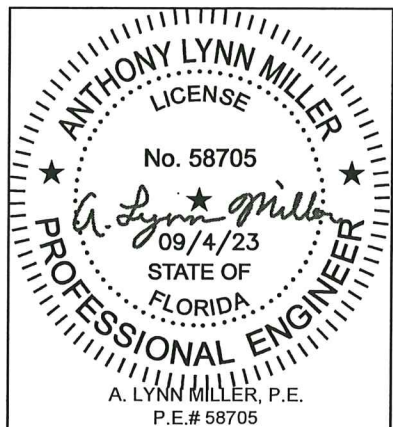


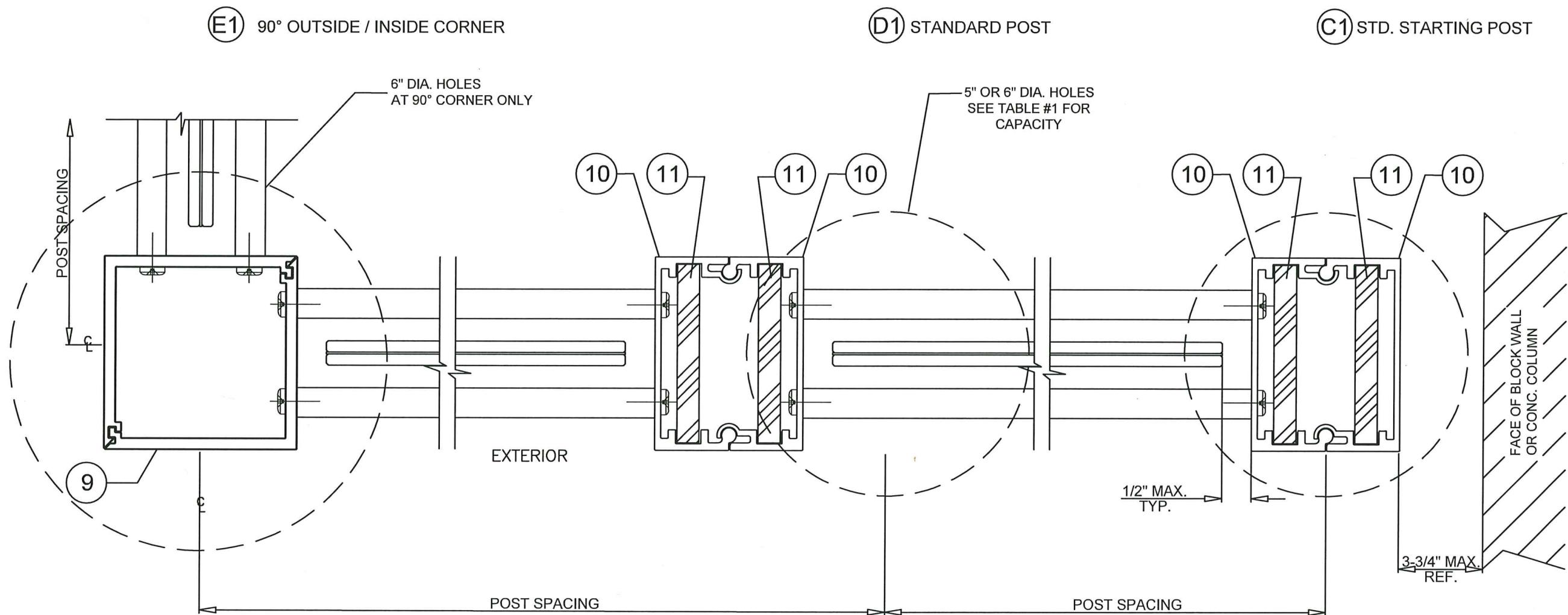
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Expiration Date 03/14/2029
By *Anthony Lynn Miller*
Miami Date Product Control

NON-CENTERED GLASS
VARIABLE ANGLE POSTS

Revision: C) NO CHANGES IN THIS SHEET. 8/24/23. AM

		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600			
		REGISTRATION #29296			
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902					
Series		Title		8/26/2022	
DESC.		SERIES 1000 ALUM. AND GLASS RAILING SYSTEM		Date	
Series		VARIABLE ANGLE POST		By	
DESC.		SERIES 1000		ALONSO MORLESIN	
Series		7 OF 12		DWG No.	
DESC.		Sheet		18-34D	
Series		Rev.		C	



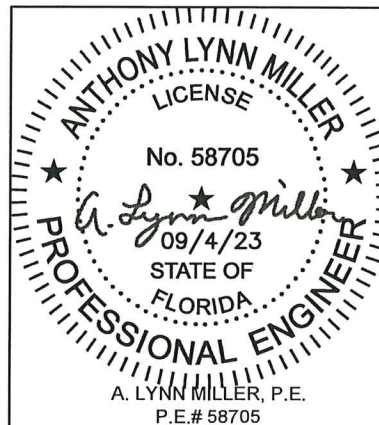


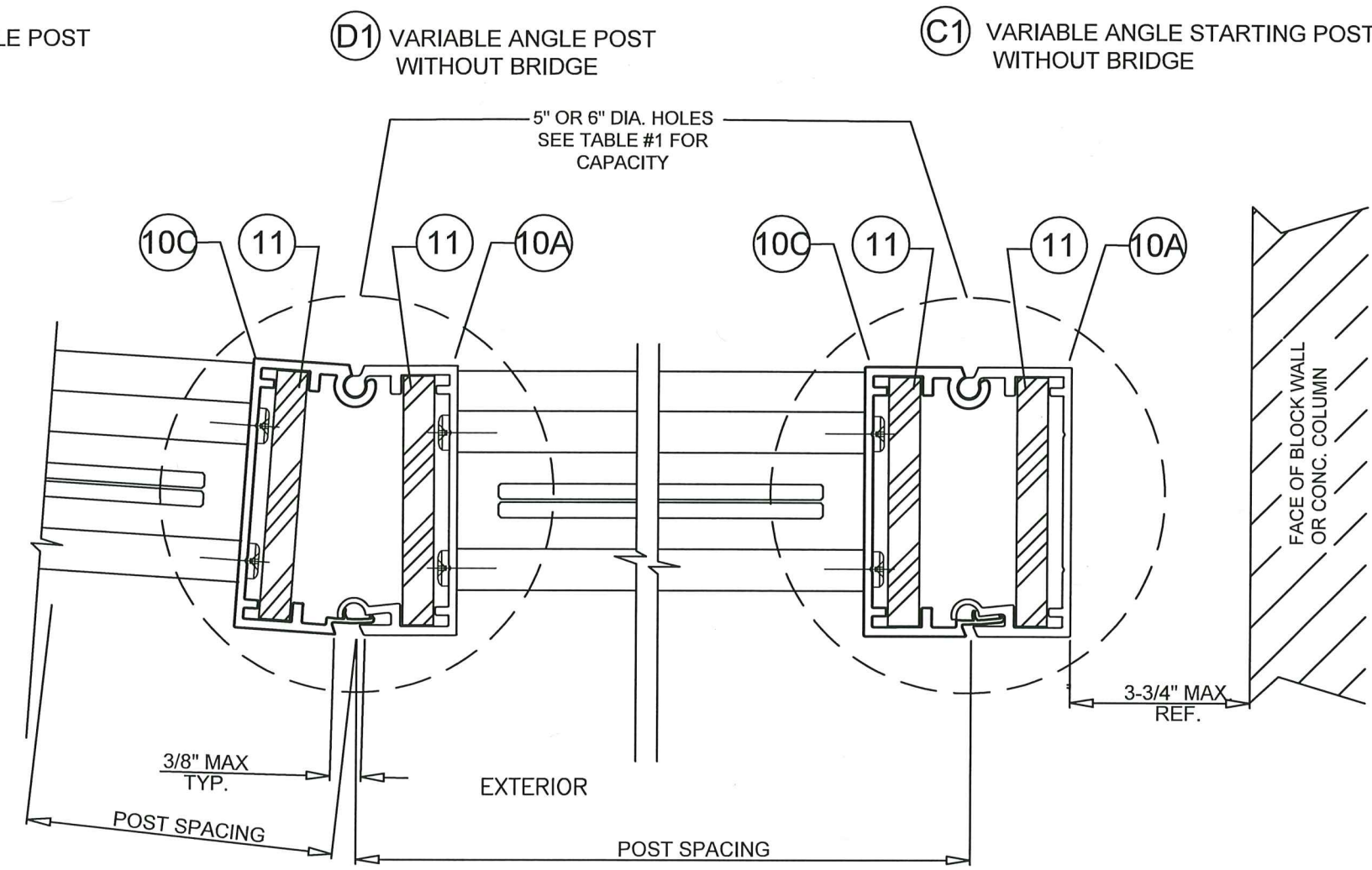
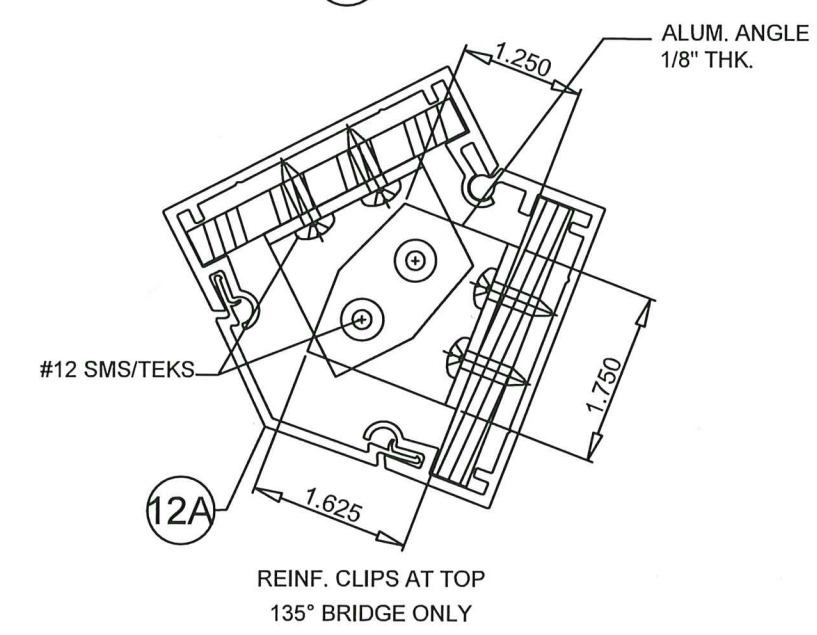
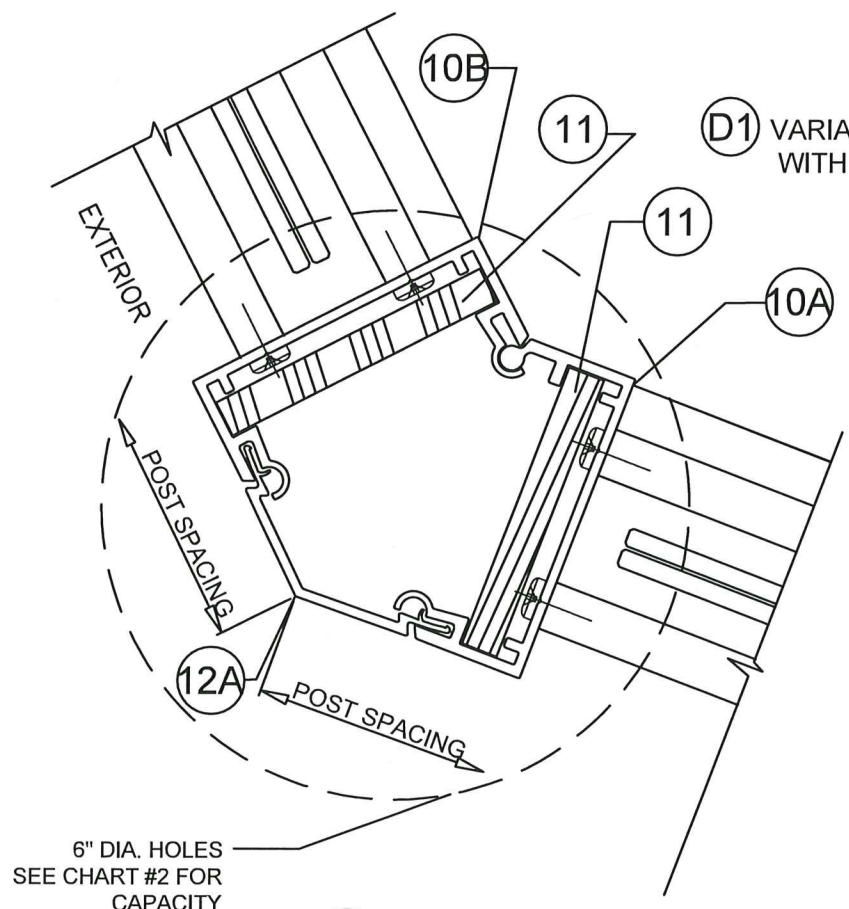
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 By Helya Miller
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CENTERED GLASS
 STANDARD POSTS

Revision:
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PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		8/26/2022		C	
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902		SERIES 1000 ALUM. AND GLASS RAILING SYSTEM		STANDARD POST		SERIES 1000	
ECO window systems		ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902		8/26/2022		C	
SERIES 1000 ALUM. AND GLASS RAILING SYSTEM		STANDARD POST		SERIES 1000		9 OF 12	
DRAWN BY ALONSO MORLESIN		DWG No. 18-34D		Rev. C			





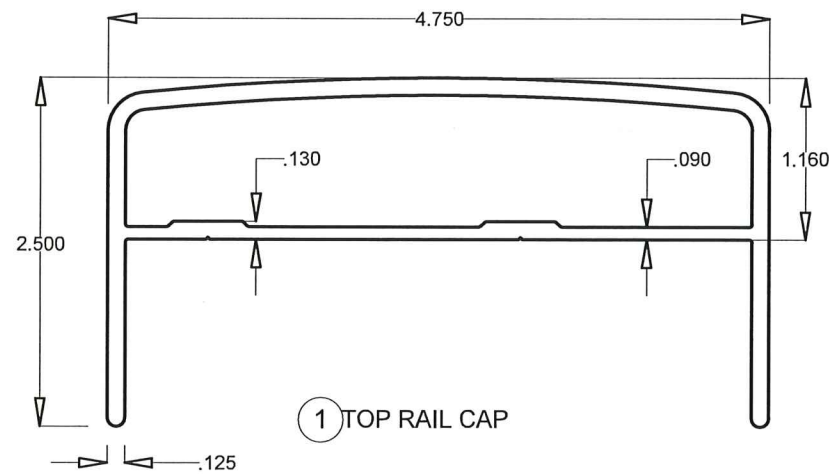
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 Miami Design Product Control

CENTERED GLASS
 VARIABLE ANGLE POSTS

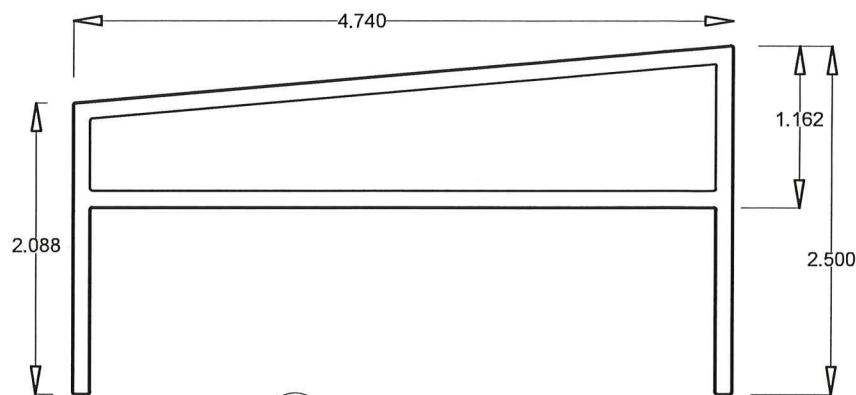
Revision: C) NO CHANGES IN THIS SHEET. 8/24/23. AM

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		Date 8/26/2022	
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902		SERIES 1000 ALUM. AND GLASS RAILING SYSTEM		Drawn By ALONSO MORLESIN	
window systems		VARIABLE ANGLE POST		DWG No. 18-34D	
SHEET 10 OF 12		SERIES 1000		Rev. C	

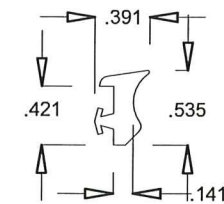
ANTHONY LYNN MILLER
 LICENSE
 No. 58705
 09/4/23
 STATE OF
 FLORIDA
 PROFESSIONAL ENGINEER
 A. LYNN MILLER, P.E.
 P.E. # 58705



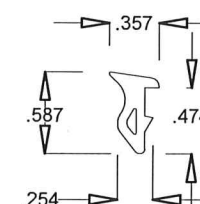
1 TOP RAIL CAP



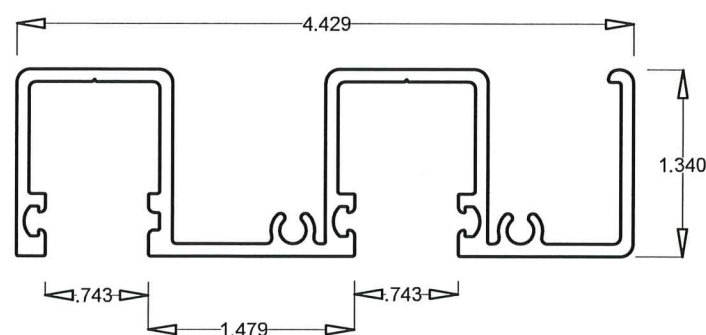
1.1 TOP RAIL CAP



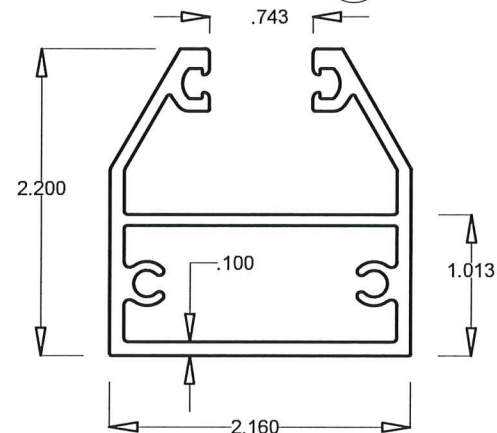
15 EXTERIOR GLAZING GASKET



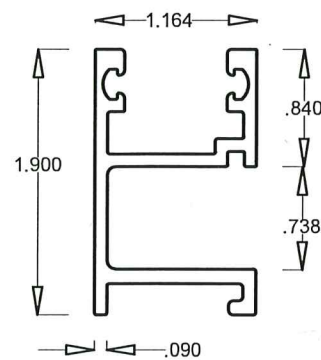
16 INTERIOR GLAZING GASKET



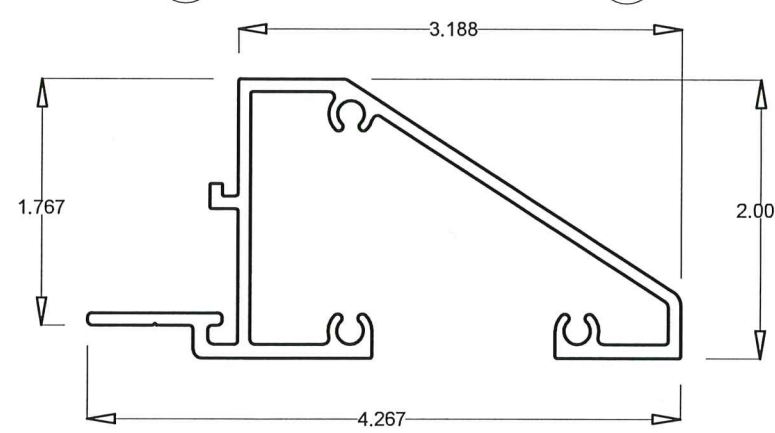
3 TOP RAIL



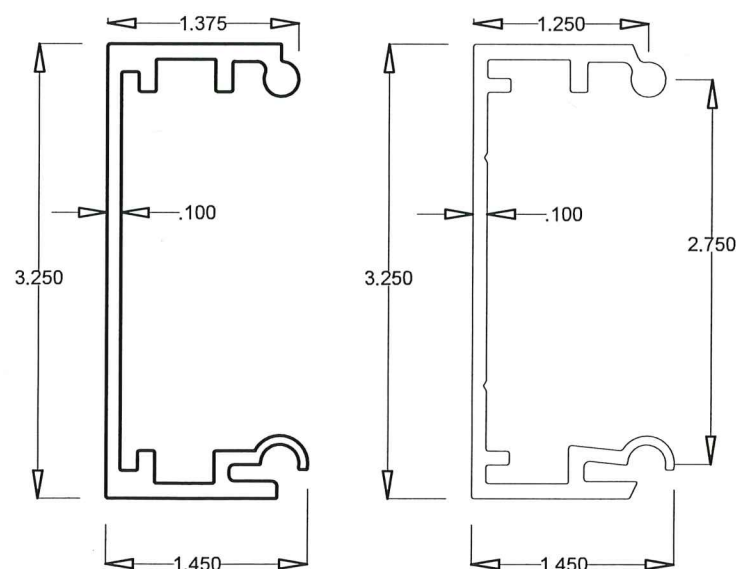
2 TOP/BOTTOM RAIL (CENTERED GLASS)



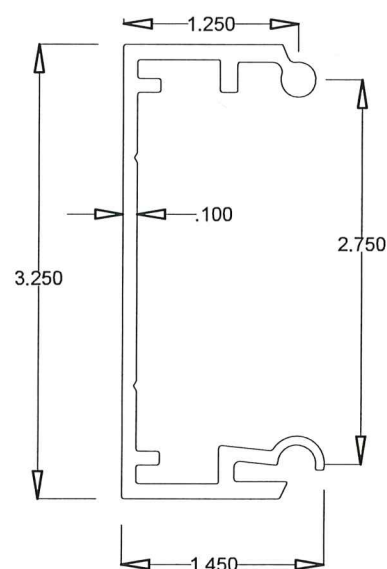
4 BOTTOM RAIL ADAPTER (NON-CENTERED GLASS)



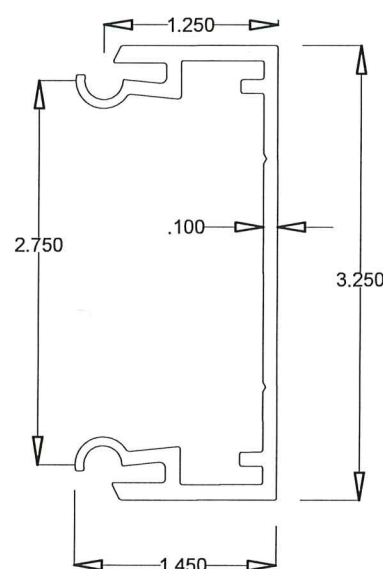
5 BOTTOM RAIL (NON-CENTERED GLASS)



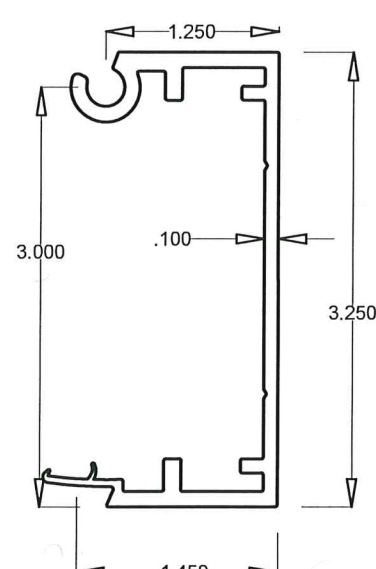
10 STANDARD POST



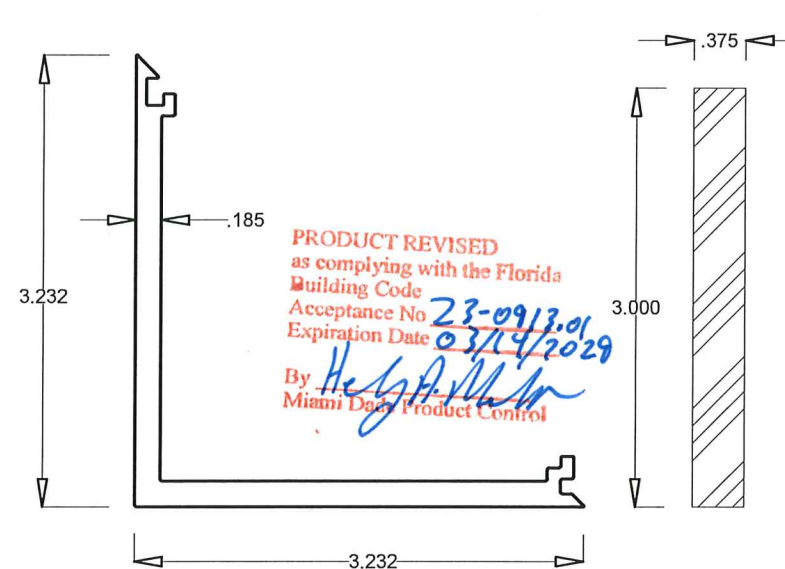
10A VARIABLE ANGLE POST (BRIDGE MALE)



10B VARIABLE ANGLE POST (BRIDGE FEMALE)

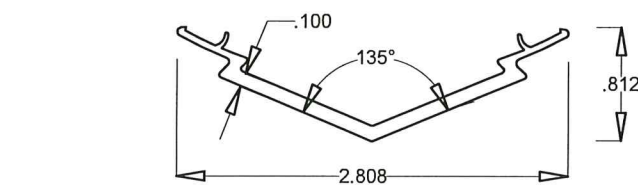


10C VARIABLE ANGLE POST (MALE WITHOUT BRIDGE)

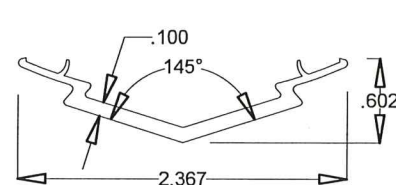


9 90° CORNER POST

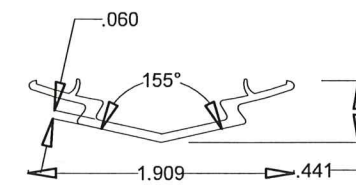
9 POST STIFFENER



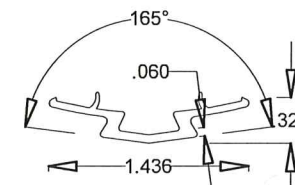
12A 135° BRIDGE



12B 145° BRIDGE



12C 155° BRIDGE

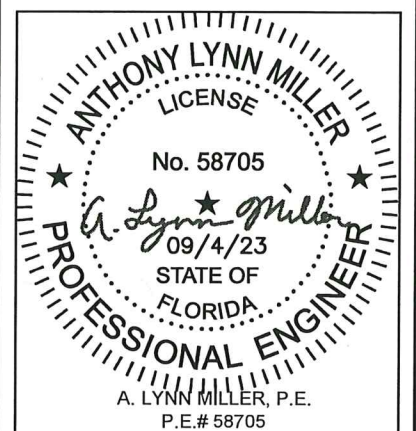


12D 165° BRIDGE

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PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date 8/26/2022	Drawn By ALONSO MORLESIN	Rev. C
ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902	SERIES 1000 ALUM. AND GLASS RAILING SYSTEM	Sheet 11 OF 12	Dwg No. 18-34D	Title EXTRUSION PROFILES



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	E1002	TOP RAIL CAP	6063-T6	-
1.1	E1015	TOP RAIL CAP	6063-T6	-
2	E1004	TOP/BOTTOM RAIL (CENTERED GLASS)	6063-T6	-
3	E1001	TOP RAIL	6063-T6	-
4	E1005	BOTTOM RAIL ADAPTER (NON-CENTERED GLASS)	6063-T6	-
5	E1006	BOTTOM RAIL (NON-CENTERED GLASS)	6063-T6	-
6	E1016	BOTTOM RAIL ADAPTER (NON-CENTERED GLASS)	6063-T6	-
7	E1015	BOTTOM RAIL (NON-CENTERED GLASS)	6063-T6	-
9	E1009	90° CORNER POST	6063-T6	-
10	E1007	STANDARD POST	6063-T6	-
10A	E1021	VARIABLE ANGLE POST (BRIDGE MALE)	6063-T6	-
10B	E1022	VARIABLE ANGLE POST (BRIDGE FEMALE)	6063-T6	-
10C	E1023	VARIABLE ANGLE POST (MALE WITHOUT BRIDGE)	6063-T6	-
11	-	POST STIFFENER, 15" LONG	6061-T6	-
12A	E1024	135° BRIDGE	6063-T6	-
12B	E1025	145° BRIDGE	6063-T6	-
12C	E1026	155° BRIDGE	6063-T6	-
12D	E1027	165° BRIDGE	6063-T6	-
15	10067	EXTERIOR GLAZING GASKET	EPDM	DUROMETER 70±5 SHORE A
16	10066	INTERIOR GLAZING GASKET	EPDM	DUROMETER 70±5 SHORE A
17	#12 X 1 1/4"	ASSEMBLY FASTENERS	ST. STEEL	PH SELF DRILLING SCREWS
18	-	SETTING BLOCK (1/2"W X 11/16"H X 4" LONG) 2 PER LITE	EPDM	DUROMETER 80±5 SHORE A
19	-	SETTING BLOCK (1/2"W X 1/4"H X 4" LONG) 2 PER LITE	EPDM	DUROMETER 80±5 SHORE A
20	#8 X 5/8"	TOP/BOTTOM RAIL ASSEMBLY FASTENER, AT 10" O.C.	ST. ETEEL	PH SELF DRILLING

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				18-34D		
				DWG No.		
 ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902	SERIES 1000 ALUM. AND GLASS RAILING SYSTEM	BOM	12 OF 12	Sheet	SERIES 1000	

