



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](http://www.miamidade.gov/economy)

## NOTICE OF ACCEPTANCE (NOA)

NR Architectural Products, Inc.  
4348 Westroads Drive  
West Palm Beach, Florida 33407

### 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: PGA Railing with Laminated Glass (LMI & SMI) System

**APPROVAL DOCUMENT:** Drawing No. AD24-28, titled "PGA Railing with Laminated Glass (LMI & SMI) System", sheets 1 through 6 of 6, prepared by MCY Engineering, Inc., dated Sept. 19, 2024, last revision #1 dated 09/19/24, signed and sealed by Yiping Wang, P.E., on 10/08/2024 bearing Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number & the approval 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 consists of this page 1, evidence submitted page E-1 as well as approval document mentioned above. The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



*Helmy A. Makar*  
02/06/25

NOA No. 24-1125.03  
Expiration Date: 02/06/2030  
Approval Date: 02/06/2025  
Page 1

**NR Architectural Products, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *Drawing No. AD24-28, titled "PGA Railing with Laminated Glass (LMI & SMI) System", sheets 1 through 6 of 6, prepared by MCY Engineering, Inc., dated Sept. 19, 2024, last revision #1 dated 09/19/24, signed and sealed by Yiping Wang, P.E., on 10/08/2024.*

**B. TESTS**

1. *Test Report No. Q2731.01-450-18 R1, by Intertek, dated 08/23/24, revision date 09/24/24, signed and sealed by Tanya A. Dolby, P.E., testing PGA Railing with Laminated Glass System for concentrated loads per FBC 1618.4.8, Impacts per NSI Z97.1, Static Wind Load per TAS 202-94 and Large Missile Impact per TAS 201.*

**C. CALCULATIONS**


1. *Calculation titled "PGA Post Glass Railing with Laminated Glass System", sheets L-1, L-2, DC-1, TR-1 – TR-2, and C-1 – C-25, dated 09/27/2024, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E. on 09/27/2024.*

**D. QUALITY ASSURANCE**

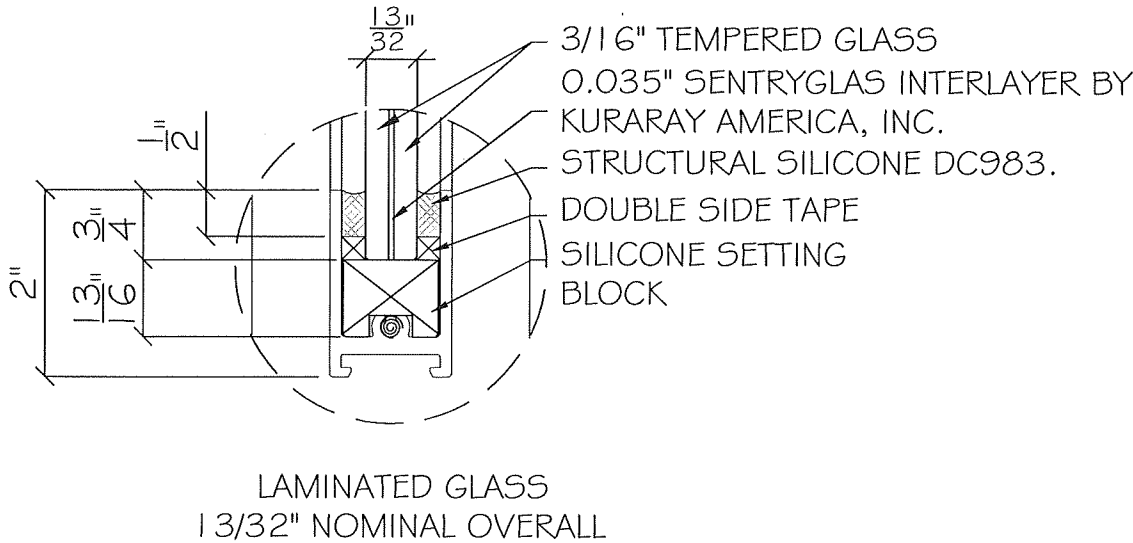
1. *By Miami-Dade County Department of Regulatory and Economic Resources (RER).*

**E. MATERIAL CERTIFICATIONS**

1. *None.*

  
\_\_\_\_\_  
Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No. 24-1125.03  
Expiration Date: 02/06/2030  
Approval Date: 02/06/2025

PGA RAILING WITH LAMINATED GLASS (LMI & SMI)  
NR ARCHITECTURAL PRODUCTS, INC.



NOTE:  
GLASS COMPLIES WITH ASTM E 1300-09  
(3 SEC. GUSTS) AND ANSI Z97.1.

Approved as complying with the  
Florida Building Code  
Date 02/06/2025  
NOA# 24-1125.03  
Miami Dade Product Control  
By H. P. Mc

PGA RAILING W/ LAMINATED GLASS (LMI&SMI)

- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 8TH FLORIDA BUILDING CODE (2023) INCLUDING IN HVHZ (HIGH VELOCITY HURRICANE ZONE).
- PRODUCTS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.
- ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.
- MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE LABELING TO COMPLY WITH SECTION 1709.9.2.
- MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 8TH FLORIDA BUILDING CODE (2023) SECTION AS APPLICABLE.
- THE DESIGN LOADS SHOWN IN THIS DOCUMENT ARE ALLOWABLE DESIGN LOADS. ULTIMATE DESIGN LOAD OBTAINED FROM ASCE 7-22, MULTIPLY BY 0.6, SHALL BE LESS THAN OR EQUAL TO MAX. ALLOWABLE DESIGN LOAD IN THIS DOCUMENT.

| ABBREVIATIONS AND SYMBOLS |                |
|---------------------------|----------------|
| D.L.O. - DAYLITE OPENING  | SECTION NUMBER |
| LG. - LONG                |                |
| O.C. - ON CENTER          |                |
| TEMP. - TEMPERED          |                |
| THK. - THICKNESS          |                |
| W/ - WITH                 |                |
| W/O - WITHOUT             |                |
|                           | SHEET NUMBER   |

MIAMI-DADE COUNTY

YIPONG WANG  
FLORIDA REGISTRATION  
C.A.N. 35983  
No 5598377

October 08th, 2024

NO. DATE DESCRIPTION  
1. 09.19.24 NEW

MCY ENGINEERING, INC.  
GLAZING CONSULTANTS  
12781 MIRAMAR PARKWAY #301 P: 305.271 0117  
MIRAMAR FL 33027 F: 305.588 5224  
www.MCYEngineering.com MCY@mcyengineering.com

PGA RAILING W/ LAMINATED GLASS (LMI & SMI)

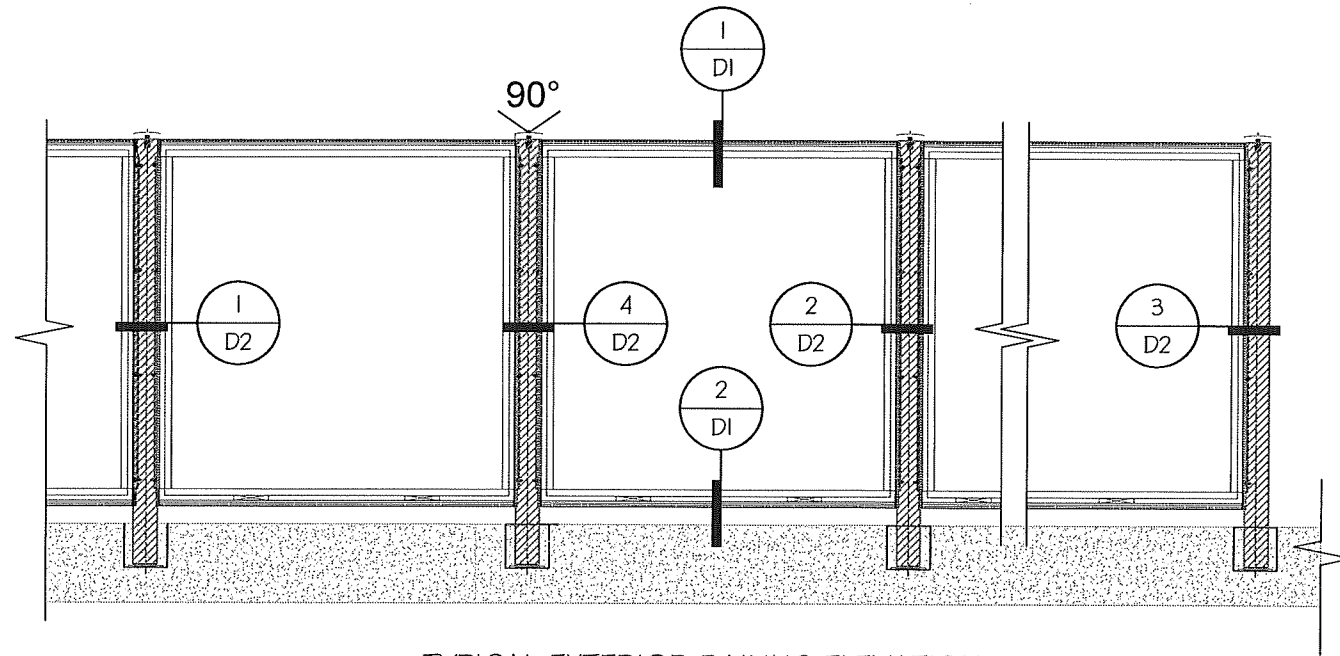
N.R. ARCHITECTURAL PRODUCTS, INC.  
4348 WESTROADS DRIVE  
RIVIERA BEACH, FL 33407  
TEL: (561) 844-1121 FAX: (561) 844-6131

COVER

DATE 09/19/2024  
SCALE AS SHOWN  
DRAWN James  
PROJECT

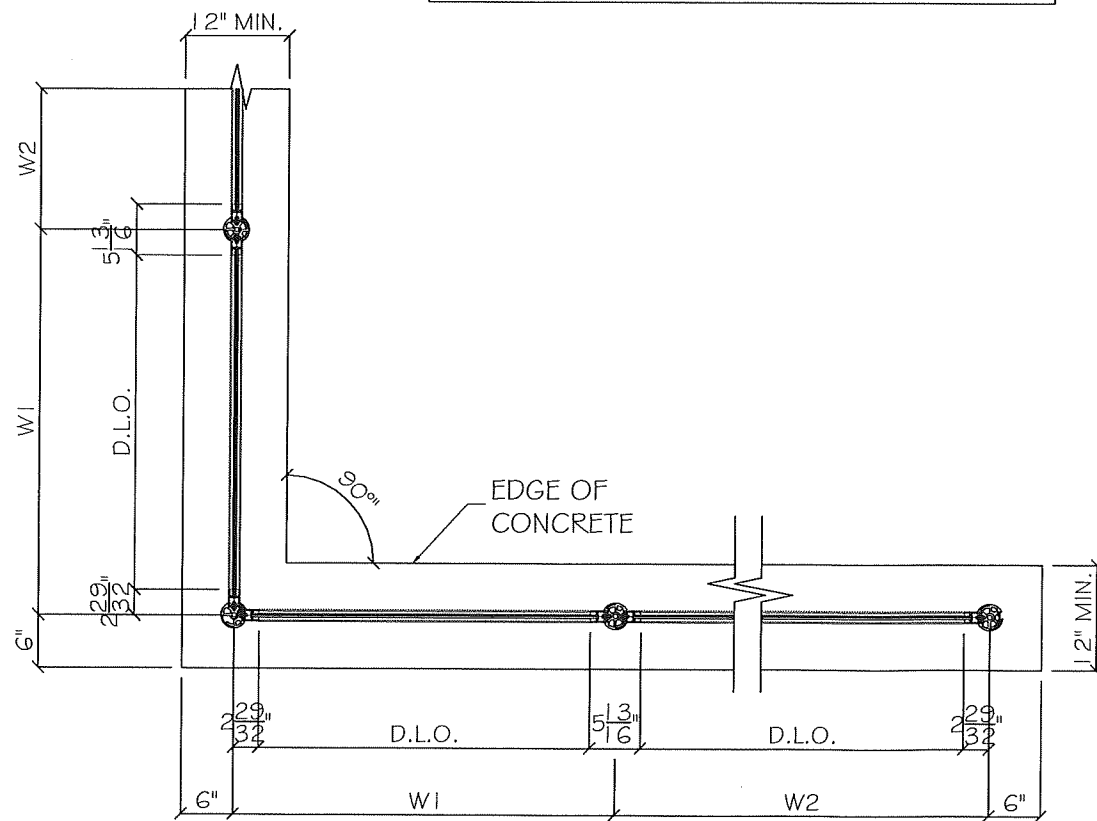
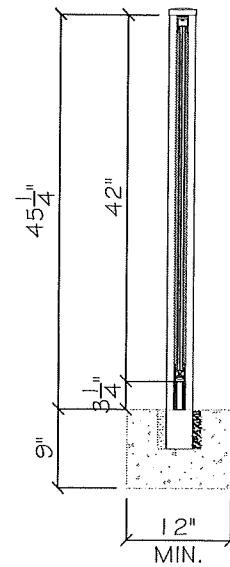
DRAWING NO.  
AD24-28

1 OF 6



TYPICAL EXTERIOR RAILING ELEVATION

| ALLOWABLE DESIGN LOAD                              |
|----------------------------------------------------|
| FOR SIZES AS SHOWN OR SMALLER AS PERMITTED BY FBC. |
| +100/-100 PSF                                      |



NOTE: W1 = 44" MAX. W2 = 60" MAX.  
(W1 + W2)/2 = 42.5" MAX.

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Date 02/06/2025  
NOA# 24-1125.03  
Miami Dade Product Control  
By Heidi A. Miller

MIAMI-DADE COUNTY

YIPONG WANG  
REGISTERED PROFESSIONAL ENGINEER  
No 55983  
No 559877

October 08th, 2024

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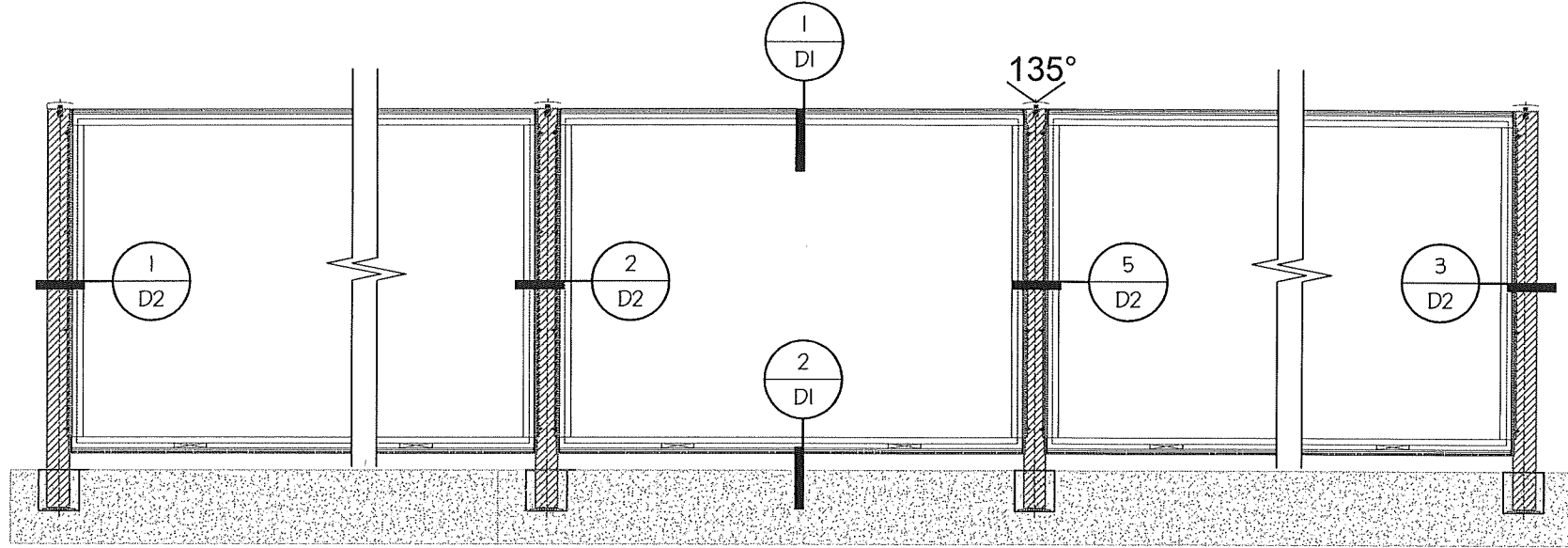
**N.R. ARCHITECTURAL PRODUCTS, INC.**  
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E1

|         |            |
|---------|------------|
| DATE    | 09/19/2024 |
| SCALE   | AS SHOWN   |
| DRAWN   | James      |
| PROJECT |            |

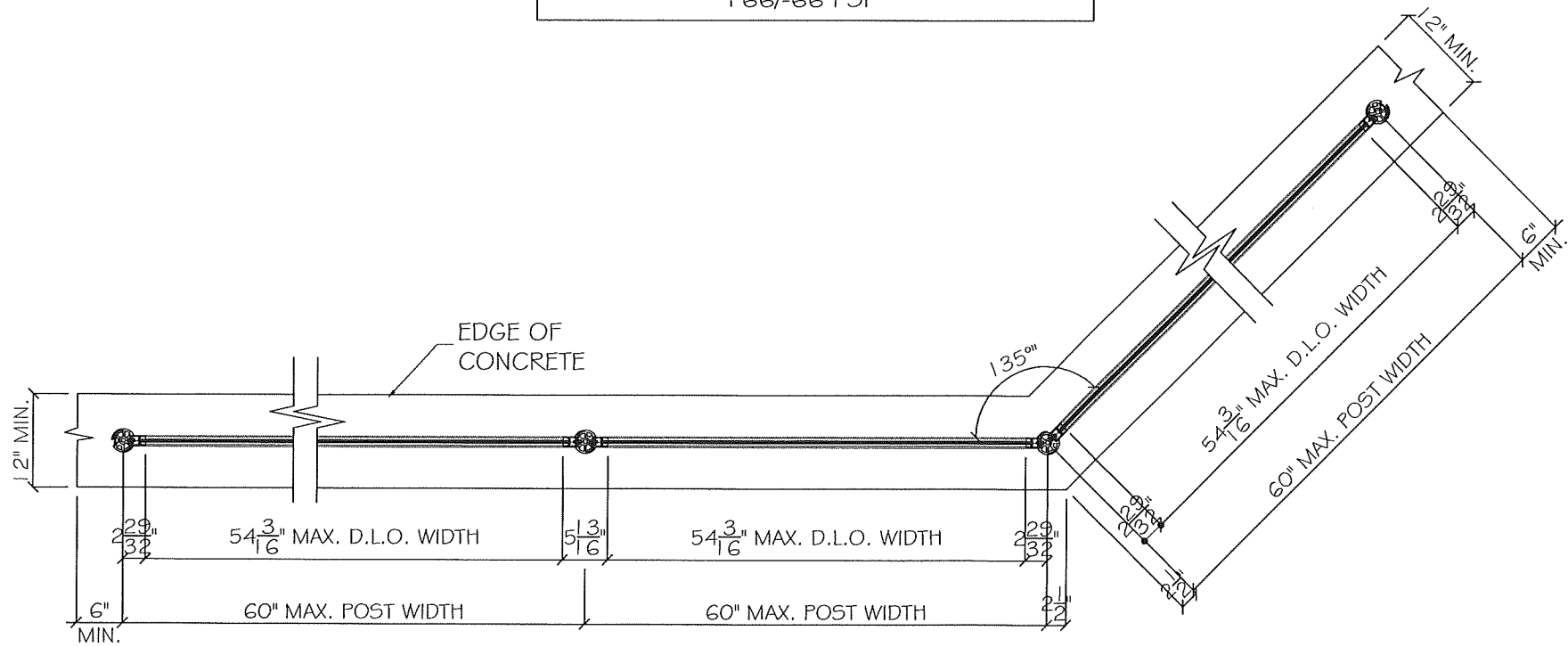
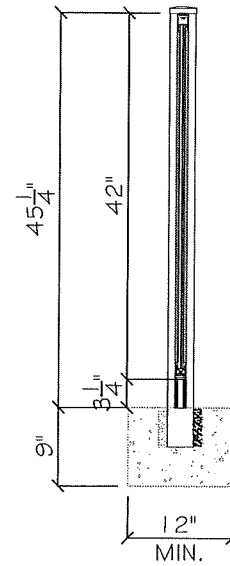
DRAWING NO.  
AD24-28

2 OF 6



TYPICAL EXTERIOR RAILING ELEVATION

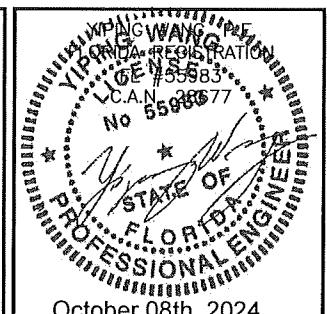
| ALLOWABLE DESIGN LOAD                              |
|----------------------------------------------------|
| FOR SIZES AS SHOWN OR SMALLER AS PERMITTED BY FBC. |
| +66/-66 PSF                                        |



MIAMI-DADE COUNTY

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Miami Dade Product Control

By H. A. Miller

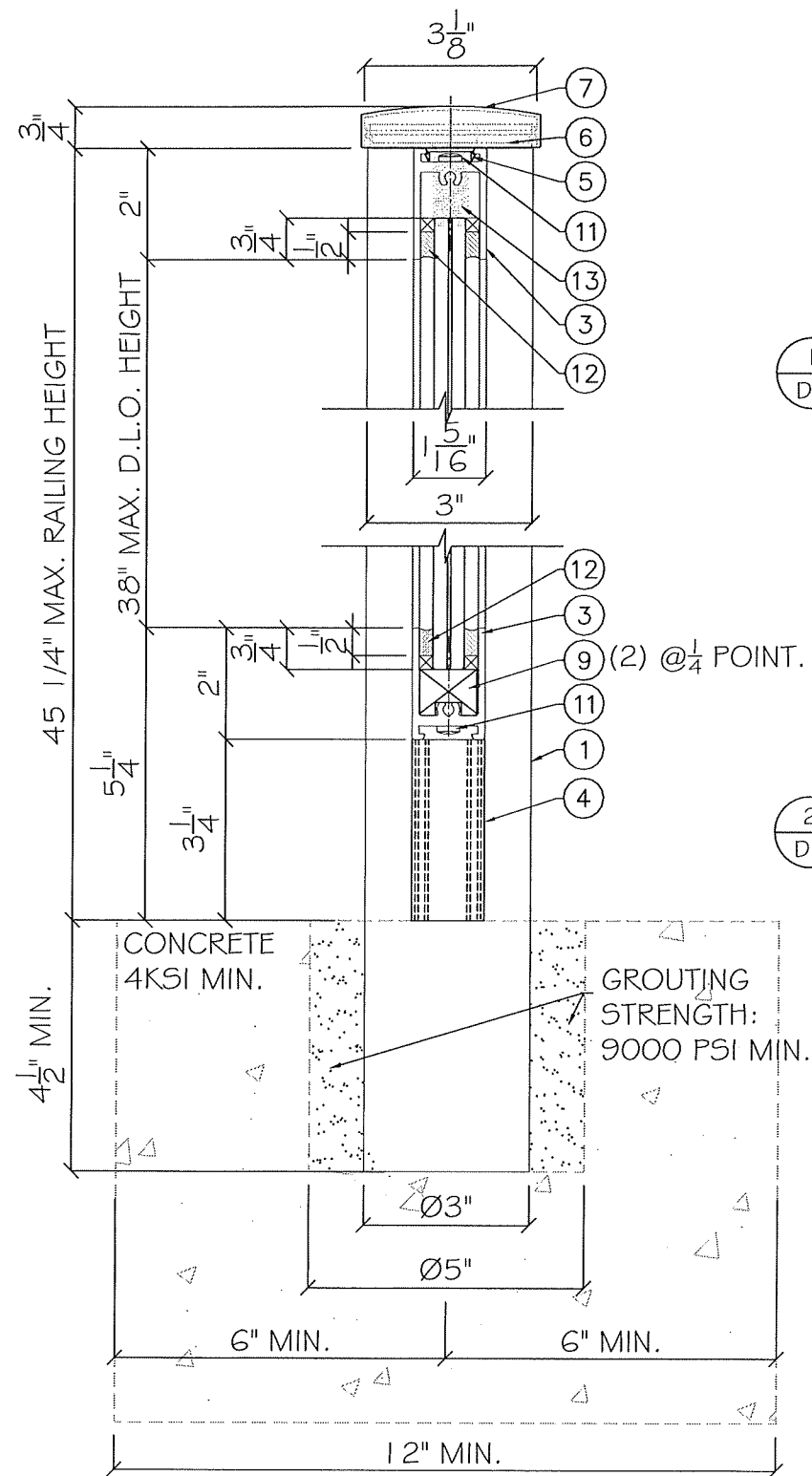


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| DATE        | 09/19/2024 |
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| DRAWN       | James      |
| PROJECT     |            |
| DRAWING NO. | AD24-28    |
|             | 3 OF 6     |

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|             |             |
|-------------|-------------|
| NO. DATE    | DESCRIPTION |
| 1. 09.19.24 | NEW         |



1  
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DETAIL

2  
DI  
DETAIL

MIAMI-DADE COUNTY  
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YIPING WANG, P.E.  
FLORIDA REGISTRATION  
No. 55983  
October 08th, 2024

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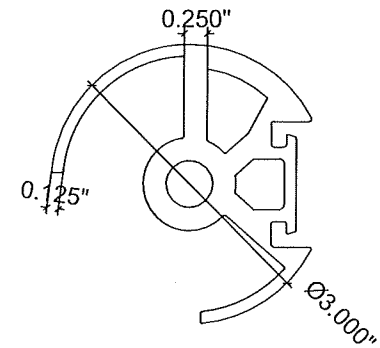
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PGA RAILING W/ LAMINATED GLASS (LMI & SMI)  
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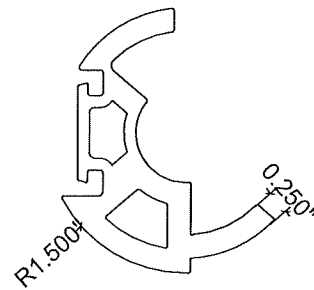
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| D1                  |
| DATE 09/19/2024     |
| SCALE AS SHOWN      |
| DRAWN James         |
| PROJECT             |
| DRAWING NO. AD24-28 |
| 4 OF 6              |



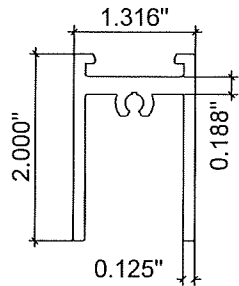
| BILL OF MATERIALS |         |                                            |               |
|-------------------|---------|--------------------------------------------|---------------|
| ITEM #            | PROFILE | DESCRIPTION                                | MATERIAL      |
| 1                 | RA01    | POST PROFILE                               | ALUM. 6061-T6 |
| 2                 | RA02    | POST PROFILE                               | ALUM. 6061-T6 |
| 3                 | RA03    | RAIL                                       | ALUM. 6061-T6 |
| 4                 | RA04    | RAIL SUPPORT PROFILE                       | ALUM. 6061-T6 |
| 5                 | RA05    | TOP RAIL COVER                             | ALUM. 6063-T5 |
| 6                 | RA06    | POST COVER CLIP                            | ALUM. 6063-T5 |
| 7                 | RA07    | POST COVER CLIP                            | ALUM. 6063-T5 |
| 8                 | RS-A01  | 1/4" X 5/16". DOUBLE SIDE TAPE             | -             |
| 9                 | RS-A02  | 1 1/32" X 13/16" X 4" LONG. SETTING BLOCK  | SILICONE      |
| 10                | RS-F02  | #12 X 3/4" CSK. TAPPING SCREW.             | S.S. 316      |
| 11                | RS-F01  | #12 X 1 1/2" HEX HEAD SELF-DRILLING SCREW. | S.S. 316      |
| 12                | -       | STRUCTURAL SILICONE, DC983.                | SILICONE      |
| 13                | -       | 5/8"-11 X 1 1/2" HEX HEAD SCREW.           | S.S. 316      |



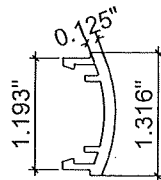
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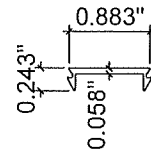
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RA02 6061-T6



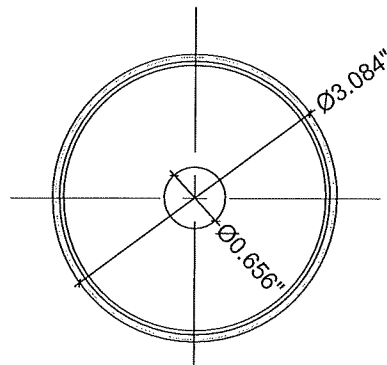
3 RAIL  
RA03 6061-T6



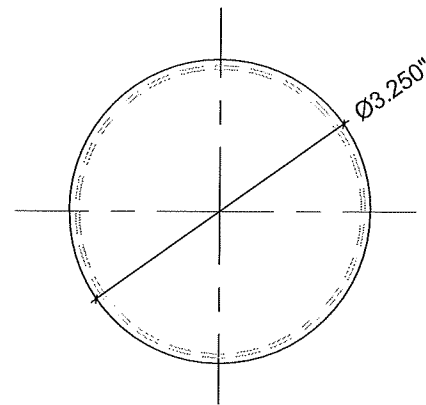
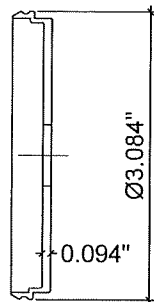
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RA04 6061-T6



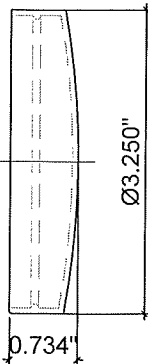
5 TOP RAIL COVER  
RA05 6063-T5



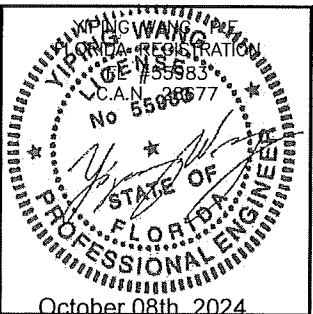
6 POST COVER CLIP  
RA06 6063-T5



7 POST COVER CLIP  
RA07 6063-T5



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By *H. A. M.*



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**BOM**

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| DRAWN   | James      |
| PROJECT |            |

DRAWING NO.  
AD24-28

6 OF 6