



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)**

**Q-railing USA Co.**  
**14321 Franklin Avenue**  
**Tustin, CA 92780**

**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: Easy Glass Strong Postless Glass Railing System - LMI**

**APPROVAL DOCUMENT:** Drawing No. 24-13D, titled "Easy Glass Strong Alum. Glass Railing System", sheets 1 through 5 of 5, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E., on April 22, 2024, bearing Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and the approval date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING: Large and Small Missile Impact Resistant**

**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*  
08/01/24



NOA No. 24-0429.03  
Expiration Date: 08/01/2029  
Approval Date: 08/01/2024

**Q-railing USA Co.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *Drawing No. 24-13D, titled "Easy Glass Strong Alum. Glass Railing System", sheets 1 through 5 of 5, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E., on April 22, 2024.*

**B. TESTS**

1. *Test Report No. Q7716.01-3033-18 R2, by Intertek, dated April 11, 2024, testing per TAS 202, TAS 201/203 (Large Missile), FBC 1607.8.1, and ANSI Z97.1, signed and sealed by Tyler Westerling, P.E.*
2. *Test Report No. Q7716.02-303-18 R3, by Intertek, dated April 11, 2024, testing per TAS 202, TAS 201/203 (Large Missile), FBC 1607.8.1, and ANSI Z97.1, signed and sealed by Tyler Westerling, P.E.*

**C. CALCULATIONS**

1. *Calculation titled Series "Easy Glass Strong" Aluminum Postless Glass Railing (Large Missile Impact-HVHZ), 10 sheets, dated 04/22/24, prepared by Al-Farooq Corp., signed & sealed by Jalal Farooq, P.E., on 04/22/24.*

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**F. OTHERS**

1. *FBC, 2023 Edition, compliance letter, dated April 12, 2024, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E., on April 22, 2024.*



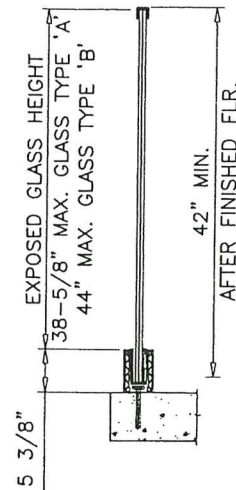
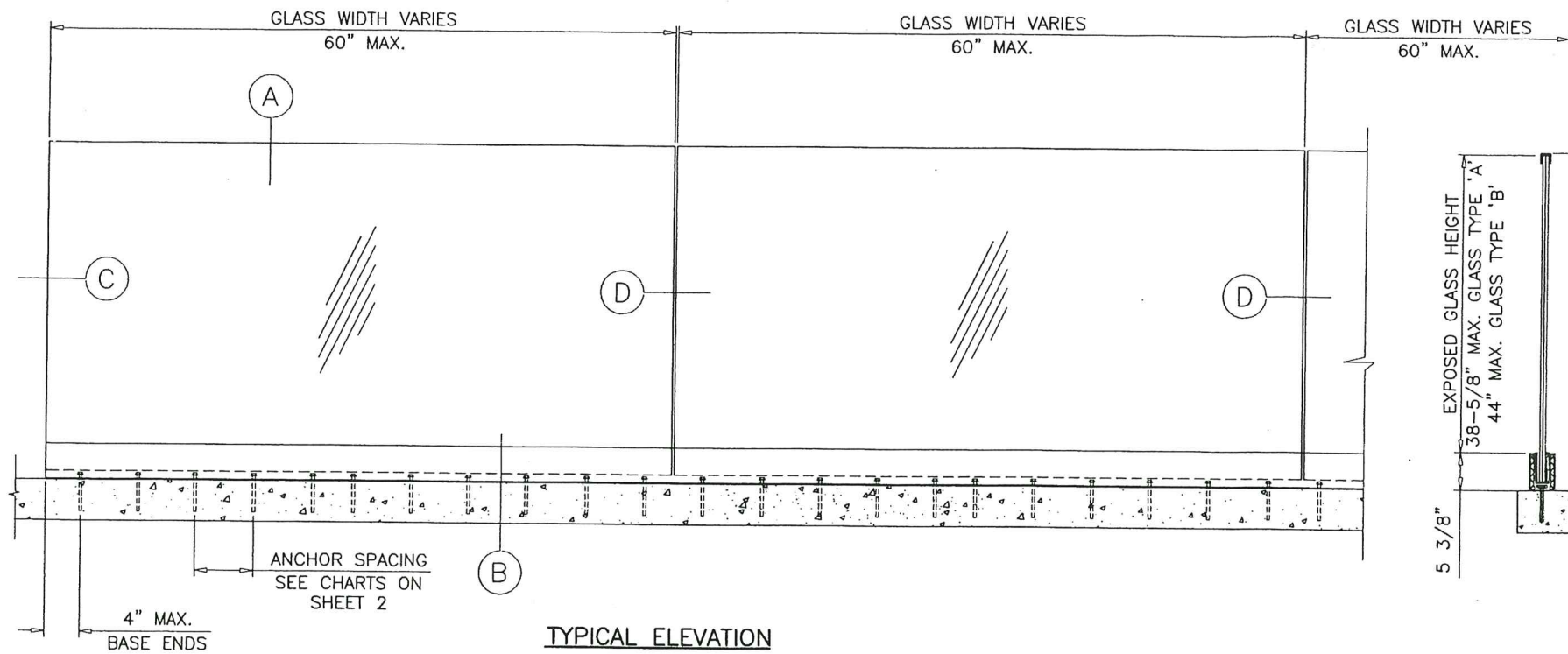
Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor

NOA No. 24-0429.03

Expiration Date: 08/01/2029

Approval Date: 08/01/2024





TYPICAL ELEVATION

PRODUCT COMPLIES WITH REQUIREMENTS OF ANSI Z97.1.

**EASY GLASS STRONG  
ALUMINUM GLASS RAILING SYSTEM**

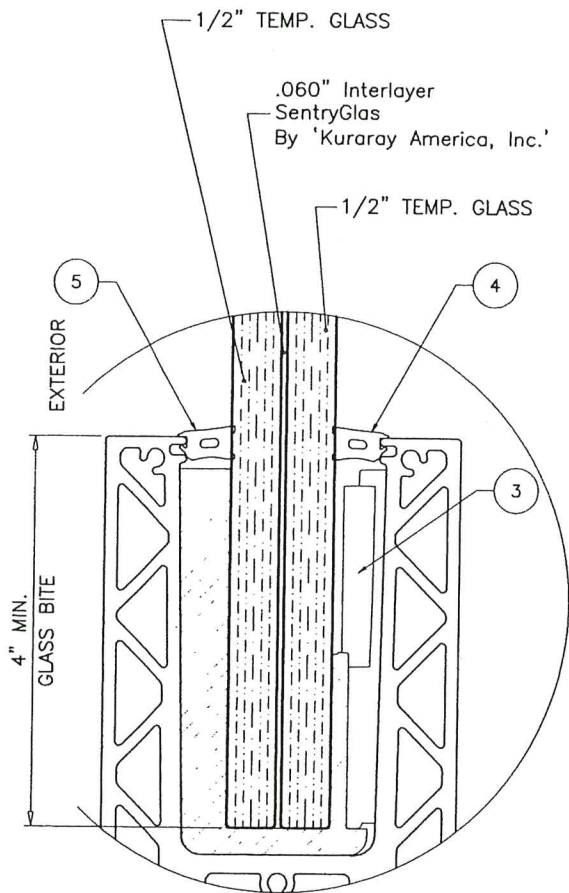
THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2023 (8TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

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

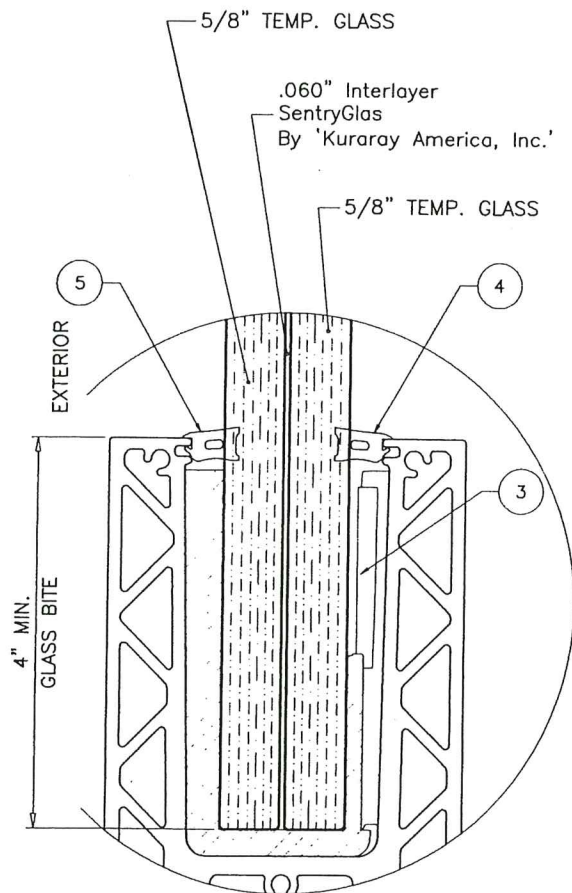
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

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 ETC. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

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



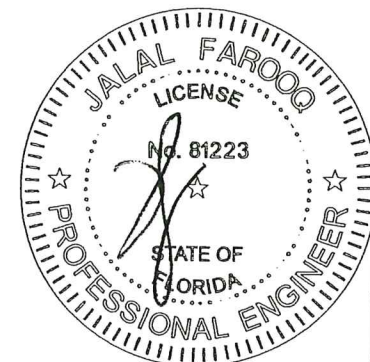
**GLASS TYPE 'A'**  
 MAXIMUM DESIGN LOAD RATING = + 125.0 PSF  
 (FOR SIZES SHOWN ABOVE) - 125.0 PSF  
 (1-1/16" OVERALL LAMINATED GLASS)



**GLASS TYPE 'B'**  
 MAXIMUM DESIGN LOAD RATING = + 150.0 PSF  
 (FOR SIZES SHOWN ABOVE) - 150.0 PSF  
 (1-5/16" OVERALL LAMINATED GLASS)

Approved as complying with the  
 Florida Building Code  
 Date 08/01/2029  
 NOA# 24-6429.03  
 Miami Dade Product Control  
 By *[Signature]*

APR 22 2024



EASY GLASS STRONG ALUM GLASS RAILING SYS.

Q-railing USA Co.

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 Tustin, CA 92870

Phone: (714) 259-1372

www.q-railing.com

revisions:  
 no date by description

date: 04-04-24  
 scale: 1/2"=1'-0"  
 dr. by: TARIQ  
 chk. by:

drawing no.  
 24-13D

sheet 1 of 5

**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173  
 TEL. (305) 264-8100  
 FBPE #3538  
 WWW.AFCENG.COM  
 RAILING 24-13D-QRN



MAX. DESIGN LOAD CAPACITY - PSF ANCHOR SPACING AT 8" O.C. MAX.													
EXPOSED GLASS HEIGHT	3000 PSI CONCRETE 3-1/2" MIN. EDGE DIST.				4000 PSI CONCRETE 3-1/2" MIN. EDGE DIST.				5000 PSI CONCRETE 3-1/2" MIN. EDGE DIST.				A36 STEEL 3/8" THK. MIN.
	ANCHOR 'A' 3-3/4" EMBED	ANCHOR 'B' 3" EMBED	ANCHOR 'C' 4-1/2" EMBED	ANCHOR 'D' 4-1/4" EMBED	ANCHOR 'A' 3-3/4" EMBED	ANCHOR 'B' 3" EMBED	ANCHOR 'C' 4-1/2" EMBED	ANCHOR 'D' 4-1/4" EMBED	ANCHOR 'A' 3-3/4" EMBED	ANCHOR 'B' 3" EMBED	ANCHOR 'C' 4-1/2" EMBED	ANCHOR 'D' 4-1/4" EMBED	ANCHOR 'E'
36 IN.	77.6	41.4	52.6	105.6	89.6	47.9	60.7	124.7	99.1	53.2	63.9	124.7	150.0
38 IN.	70.6	37.8	48.3	96.2	81.5	43.7	55.8	113.8	90.2	48.5	58.7	113.8	150.0
40 IN.	64.6	34.6	44.6	88.1	74.6	40.0	51.4	104.2	82.5	44.5	54.1	104.2	150.0
42 IN.	59.3	31.8	41.2	81.0	68.4	36.8	47.6	95.8	75.7	40.9	50.0	95.8	150.0
44 IN.	54.6	29.4	38.3	74.8	63.0	33.9	44.1	88.4	69.8	37.7	46.4	88.4	139.6

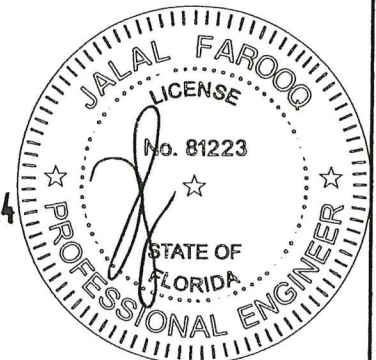
MAX. DESIGN LOAD CAPACITY - PSF ANCHOR SPACING AT 4" O.C. MAX.													
EXPOSED GLASS HEIGHT	3000 PSI CONCRETE 3-1/2" MIN. EDGE DIST.				4000 PSI CONCRETE 3-1/2" MIN. EDGE DIST.				5000 PSI CONCRETE 3-1/2" MIN. EDGE DIST.				A36 STEEL 3/8" THK. MIN.
	ANCHOR 'A' 3-3/4" EMBED	ANCHOR 'B' 3" EMBED	ANCHOR 'C' 4-1/2" EMBED	ANCHOR 'D' 4-1/4" EMBED	ANCHOR 'A' 3-3/4" EMBED	ANCHOR 'B' 3" EMBED	ANCHOR 'C' 4-1/2" EMBED	ANCHOR 'D' 4-1/4" EMBED	ANCHOR 'A' 3-3/4" EMBED	ANCHOR 'B' 3" EMBED	ANCHOR 'C' 4-1/2" EMBED	ANCHOR 'D' 4-1/4" EMBED	ANCHOR 'E'
36 IN.	85.2	67.0	87.9	150.0	99.0	77.4	101.5	150.0	109.9	86.0	106.8	150.0	150.0
38 IN.	77.5	61.1	80.7	150.0	90.1	70.6	93.2	150.0	100.0	78.5	97.9	150.0	150.0
40 IN.	70.8	56.0	74.4	146.4	82.3	64.7	85.8	150.0	91.3	71.9	90.2	150.0	150.0
42 IN.	65.0	51.5	68.8	134.6	75.5	59.5	79.4	150.0	83.8	66.1	83.3	150.0	150.0
44 IN.	59.8	47.5	63.8	124.1	69.5	54.9	73.6	146.8	77.2	61.0	77.3	146.8	150.0

DESIGN LOADS SHOWN IN CHARTS ABOVE ARE FOR RAILINGS WITH GLASS TYPE 'B'  
FOR RAILINGS WITH GLASS TYPE 'A' LIMIT MAX. LOADS TO ±125.0 PSF  
FOR INSTALLATION ANCHOR DESCRIPTIONS SEE SHEET 3

Approved as complying with the  
Florida Building Code  
Date: 08/04/2029  
NOA# 24-0429.03  
Miami Dade Product Control

By: *Helga A. Mohr*

APR 22 2024



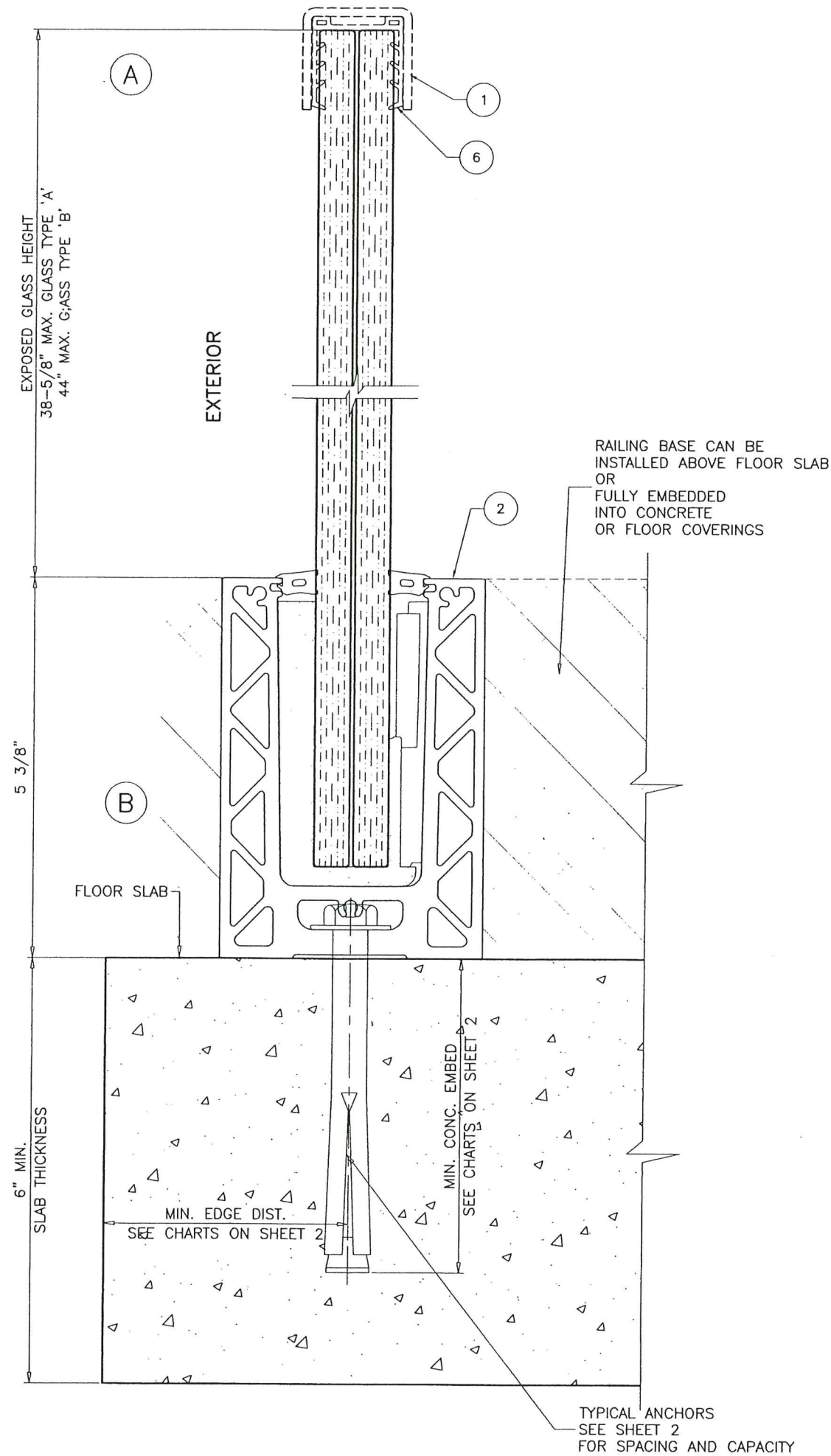
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**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
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revisions:	no	date	by	description
date:	04-04-24			
scale:	-			
dr. by:	TARIQ			
chk. by:				
drawing no.	24-13D			
sheet	2 of 5			

RAILING 24-13D-QR





**ANCHOR 'A'**

INTO CONCRETE  
 1/2" DIA. SZ-S (SZ18-10) WEDGE ANCHOR BY 'MKT'  
 SEE CHARTS FOR MIN. EDGE DIST. AND MIN. EMBEDMENT

**ANCHOR 'B'**

INTO CONCRETE  
 1/2" DIA. KWIK HUS-EZ SCREW BY 'HILTI'  
 SEE CHARTS FOR MIN. EDGE DIST. AND MIN. EMBEDMENT

**ANCHOR 'C'**

INTO CONCRETE  
 HIT-HY ANCHORING SYSTEM BY 'HILTI'  
 WITH HIT-HY ADHESIVE CAPSULE AND  
 1/2" DIA. 'HILTI' THREADED ROD  
 (HIT-Z-R STAINLESS AISI 304/316 SS)  
 SAE J995 GRADE 5 NUT  
 AND ANSI B18.22.1 TYPE A PLAIN WASHER  
 SEE CHARTS FOR MIN. EDGE DIST. AND MIN. EMBEDMENT

**ANCHOR 'D'**

INTO CONCRETE  
 HVU ANCHORING SYSTEM BY 'HILTI'  
 WITH HVU ADHESIVE CAPSULE AND  
 1/2" DIA. 'HILTI' THREADED ROD  
 (HAS-R STAINLESS AISI 304/316 SS)  
 SAE J995 GRADE 5 NUT  
 AND ANSI B18.22.1 TYPE A PLAIN WASHER  
 SEE CHARTS FOR MIN. EDGE DIST. AND MIN. EMBEDMENT

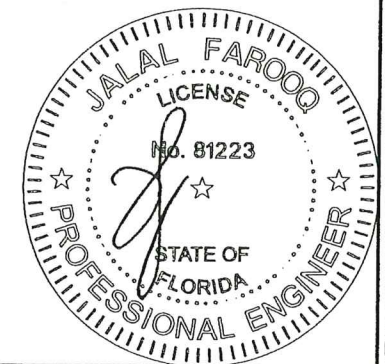
**ANCHOR 'E'**

INTO A36 STEEL STRUCTURES (3/8" MIN. THK.)  
 3/8" DIA. ST/ST SCREW (Groups 1, 2 OR 3, Cond. CW)  
 (Fu = 100,000 PSI & Fy = 65,000 PSI)  
 (3) THREADS TO EXTEND BEYOND METAL THICKNESS  
 1" MIN. MIN. EDGE DISTANCE

NOTE:  
 ANCHOR TORQUED AND OTHERWISE INSTALLED AS  
 PER MANUFACTURER SPECIFICATIONS.

Approved as complying with the  
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 Date 08/01/2029  
 NOA# 24-0429.01  
 Miami Dade Product Control  
 By *H. G. A. Miller*

APR 22 2024

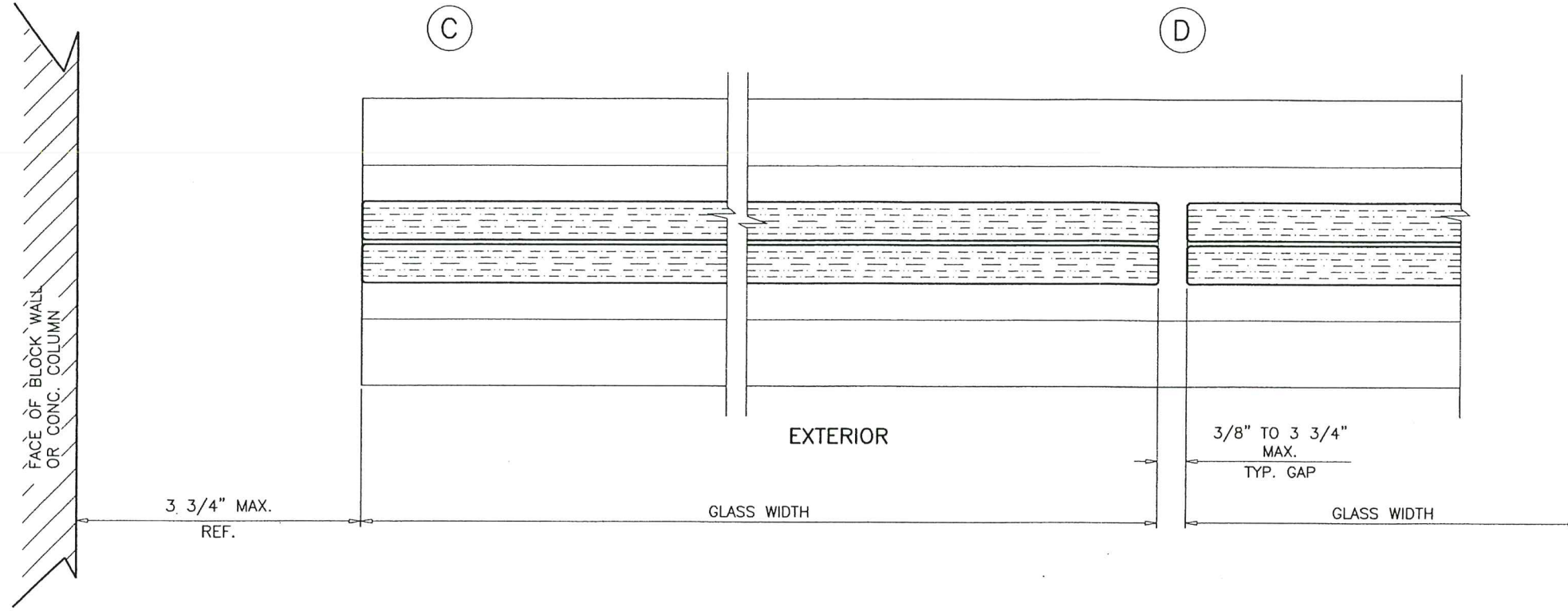


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 FBPE #3538 RAILING 24-13D-QRN

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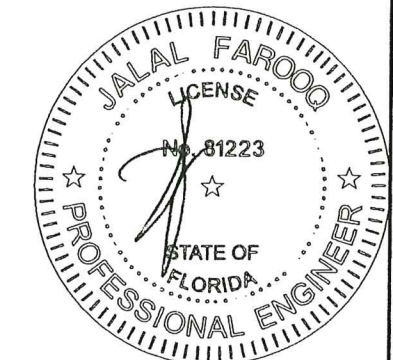
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date: 04-04-24  
 scale: 1/2" = 1"  
 dr. by: TARIQ  
 chk. by:  
 drawing no.  
**24-13D**  
 sheet 3 of 5



Approved as complying with the  
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 Date 08/01/2029  
 NOA# 2476-0429-03  
 Miami Dade Product Control  
 By H. Y. A. M. W.

APR 22 2024



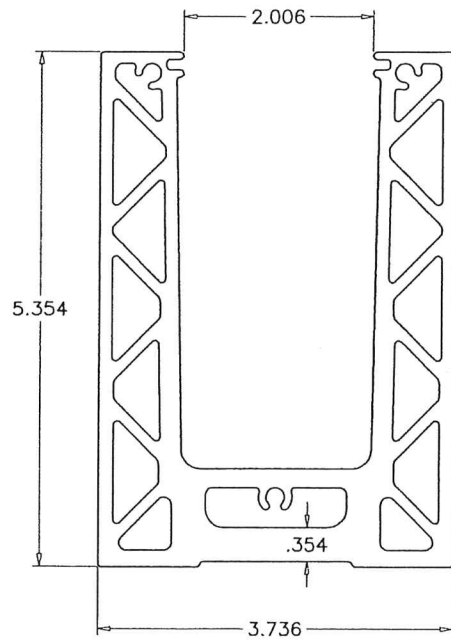
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**AL-FAROOQ CORPORATION**  
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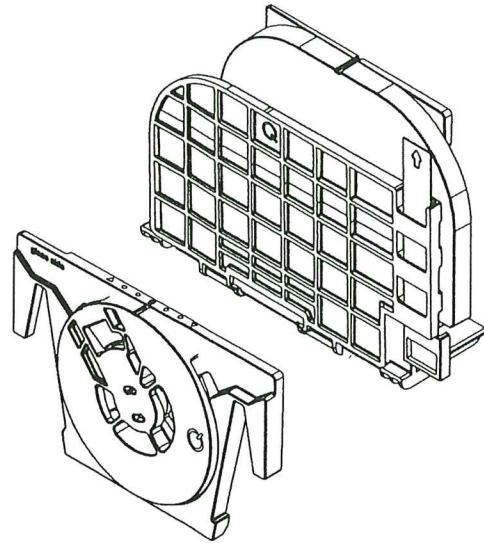
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<b>24-13D</b>	
sheet 4 of 5	

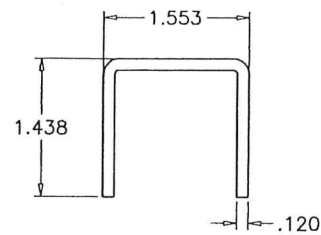




2 BASE SHOE



3 ADJUSTABLE Q-DISC



1 CAP RAIL

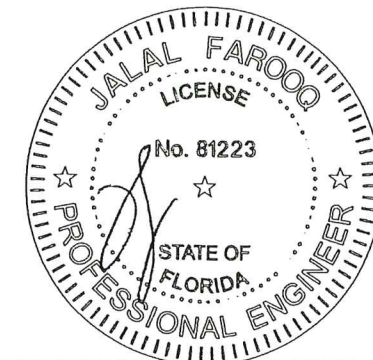
ITEM	PART #	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	-	CAP RAIL (OPTIONAL)	ST. STEEL	-
2	MOD 8610	BASE SHOE	6063-T6	-
3	MOD 8601	ADJUSTABLE Q-DISC, AT 10" O.C. MAX.	ABS PLASTIC	-
4	-	INTERIOR GLAZING GASKET	EPDM	DUROMETER 80±5 SHORE A
5	-	EXTERIOR GLAZING GASKET	EPDM	DUROMETER 80±5 SHORE A
6	-	GASKET AT HAND RAIL	EPDM	DUROMETER 80±5 SHORE A

**GASKETS PROPERTIES**

BASE POLYMER = PVC  
 DENSITY = 1.5g/cm<sup>3</sup>  
 HARDNESS = SHORE D 90 HD  
 IMPACT STRENGTH = 10 KJ/M<sup>2</sup>  
 SOFTENING TEMPERATURE = 85° C  
 FIREPROOF PERFORMANCE = B1  
 TENSILE STRENGTH = 60 MPa

Approved as complying with the  
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 Date 08/01/2023  
 NOA# 24-0429.03  
 Miami Dade Product Control  
 By *[Signature]*

APR 22 2024



**af c**  
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 RAILING 24-13D-QRN

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**24-13D**  
 sheet 5 of 5