



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)

CDM Impact Systems, Inc.  
8303 NW 27<sup>th</sup> Street, Suite 17  
Doral, Florida 33122

### 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 "Glass Railing"

**APPROVAL DOCUMENT:** Drawing No. CDM 2018-01, titled "Series Glass Railing", sheets 1 through 4 of 4, prepared by AM American Consulting, Inc., dated August 08, 2018, Revision #1 dated January 15, 2021, signed and sealed by Daniel Gonzalez, P.E., on September 07, 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 #21-0201.13 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*  
11/16/2023

NOA No. 23-0918.07  
Expiration Date: 12/27/2028  
Approval Date: 11/16/2023  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #18-0911.01**

**A. DRAWINGS**

1. *Drawing No. CDM 2018-01, titled “Series Glass Railing”, sheets 1 through 4 of 4, prepared by AM American Consulting, Inc., dated August 08, 2018, signed and sealed by Daniel Gonzalez, P.E.*

**B. TESTS**

1. *Test Report No. FTL-18845, by Fenestration Testing Laboratory, dated 07/24/18, signed and sealed by Idalmis Ortega, P.E., testing Series Glass Railing 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 Glass Railing”, sheets 1- 46, dated 08/21/2018, prepared by CDM Impact System, signed and sealed by Daniel Gonzalez, 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 #21-0201.13**

**A. DRAWINGS**

1. *Drawing No. CDM 2018-01, titled “Series Glass Railing ”, sheets 1 through 4 of 4, prepared by AM American Consulting, Inc., dated August 08, 2018, Revision #1 dated January 15, 2021, signed and sealed by Daniel Gonzalez, P.E., on January 19, 2021.*

**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.*



Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No. 23-0918.07  
Expiration Date: 12/27/2028  
Approval Date: 11/16/2023

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**3. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *Drawing No. CDM 2018-01, titled "Series Glass Railing", sheets 1 through 4 of 4, prepared by AM American Consulting, Inc., dated August 08, 2018, Revision #1 dated January 15, 2021, signed and sealed by Daniel Gonzalez, P.E., on September 07, 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.*

  
\_\_\_\_\_  
Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No. 23-0918.07  
Expiration Date: 12/27/2028  
Approval Date: 11/16/2023



SERIES " GLASS RAILING"

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

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

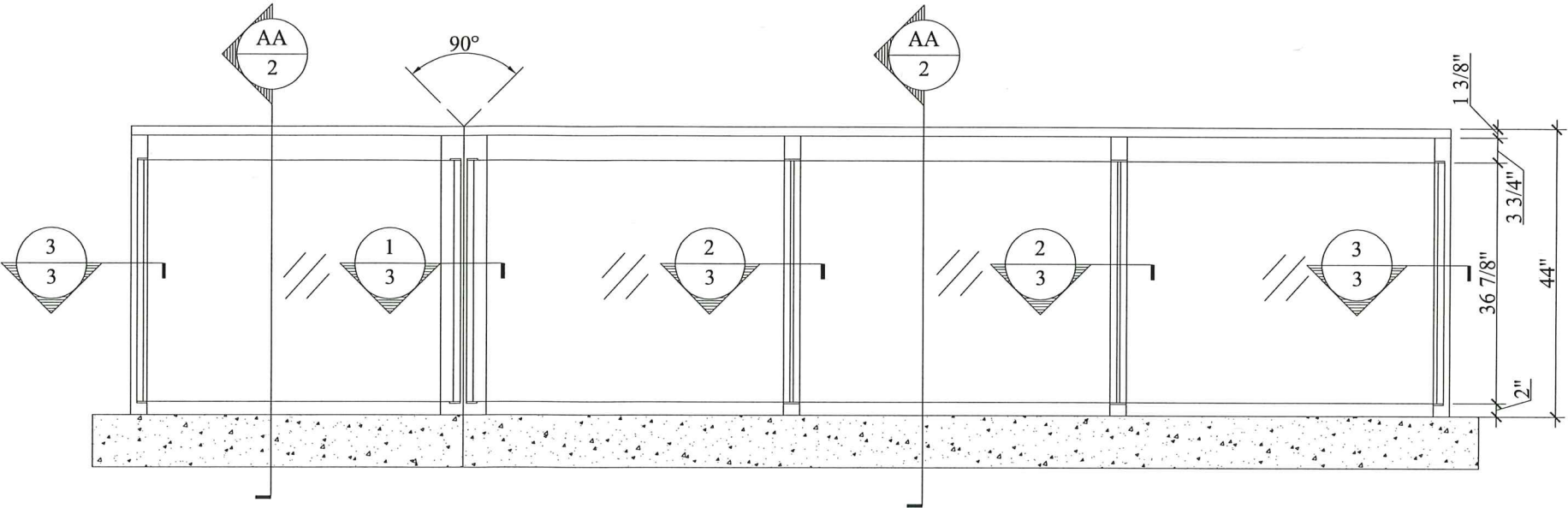
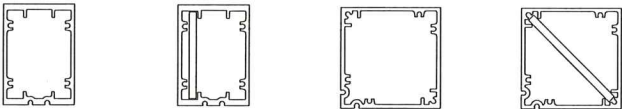
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

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 NOT PART OF THIS APPROVAL AND TO BE ANALYZED SEPARATELY AND TO BE REVIEWED AND APPROVED BY BUILDING OFFICIAL.

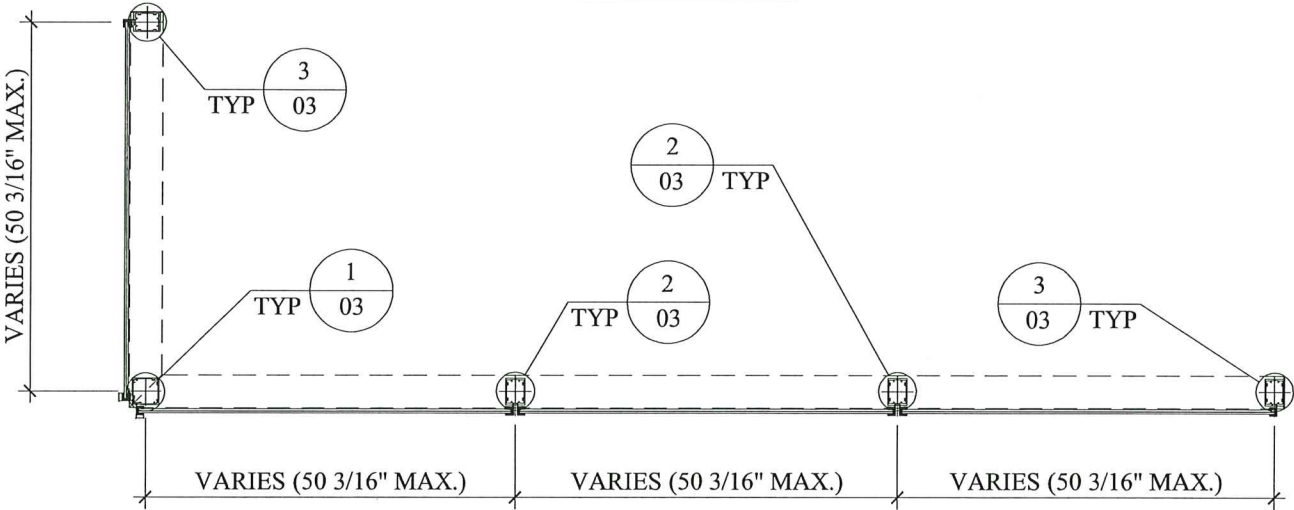
INSTRUCTIONS:

- 1. BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.
- 2. USE POST PERFORMANCE CHART TO VERIFY POST CAPACITY FOR THE REQUIRED DESIGN LOAD.
- 3. USE POST EMBEDMENT CHART TO CHECK POST SPACING AND REQUIRED EMBEDMENT.
- 4. THE LOWEST VALUE RESULTING FROM STEPS 2, AND 3 SHALL APPLY TO THE ENTIRE SYSTEM.

| POST PERFORMANCE (TABLE # 1)                         |       |                |                 |                           |
|--|-------|----------------|-----------------|---------------------------|
| DESIGN LOAD CAPACITY - PSF (RAILING HEIGHT = 44 IN.) |       |                |                 |                           |
| POST SPACING   | POST  | POST W/ REINF. | 90° CORNER POST | 90° CORNER POST W/ REINF. |
| 50 3/16"   | 100.0 | 120.0          | 100.0           | 120.0                     |



TYPICAL ELEVATION



TYPICAL PLAN VIEW

| POST EMBEDMENT CHART (TABLE # 2) |             |            |              |               |
|----------------------------------|-------------|------------|--------------|---------------|
| CONCRETE                         | POST EMBED. | HOLE DIAM. | POST SPACING | LOAD CAPACITY |
| 3000 PSI                         | 4"          | 5"         | 50 3/16"     | 75 PSF        |
|                                  |             | 6"         | 50 3/16"     | 90 PSF        |
| 4000 PSI                         | 4"          | 5"         | 50 3/16"     | 100 PSF       |
|                                  |             | 6"         | 50 3/16"     | 120 PSF       |
| 5000 PSI                         | 4"          | 5"         | 50 3/16"     | 120 PSF       |
|                                  |             | 6"         | 50 3/16"     | 120 PSF       |

This item has been digitally signed & sealed by Daniel Gonzalez, PE 74271. Printed copies of this document are not considered signed & sealed and the signature must be verified on any electronic copies.

PRODUCT REVISED as complying with the Florida Building Code Acceptance No 23-0918.07 Expiration Date 12/27/2028 By Healy Mc Product Control



Digitally signed by Daniel Gonzalez Date: 2023.09.07 09:45:33-04'00'



AM American Consulting, Inc.  
14331 SW 120th Street, Suite 213,  
Miami, FL 33186, Ph: (786) 219 9490  
www.americanconsulting.com



| NO. | DATE       | BY | REVISION                      |
|-----|------------|----|-------------------------------|
| 1   | 01-15-2021 |    | UPDATED FBC 7th EDITION(2020) |

SERIES "GLASS RAILING"

|              |             |
|--------------|-------------|
| Drawings No: | CDM 2018-01 |
| Drawn by:    | AP          |
| Checked by:  | DG          |
| Date:        | 08/08/18    |
| Scale:       |             |

SHEET No: 1 of 4



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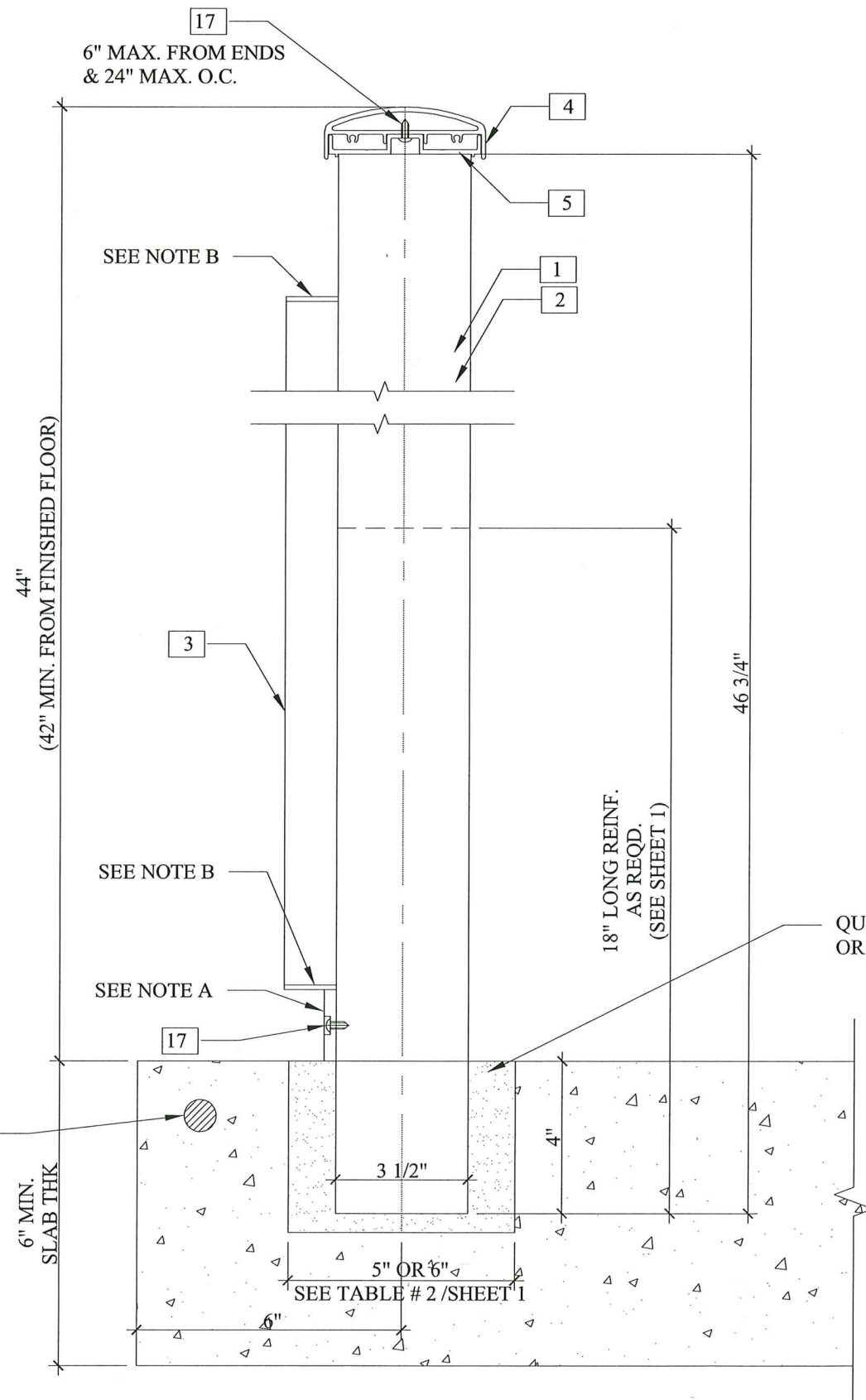
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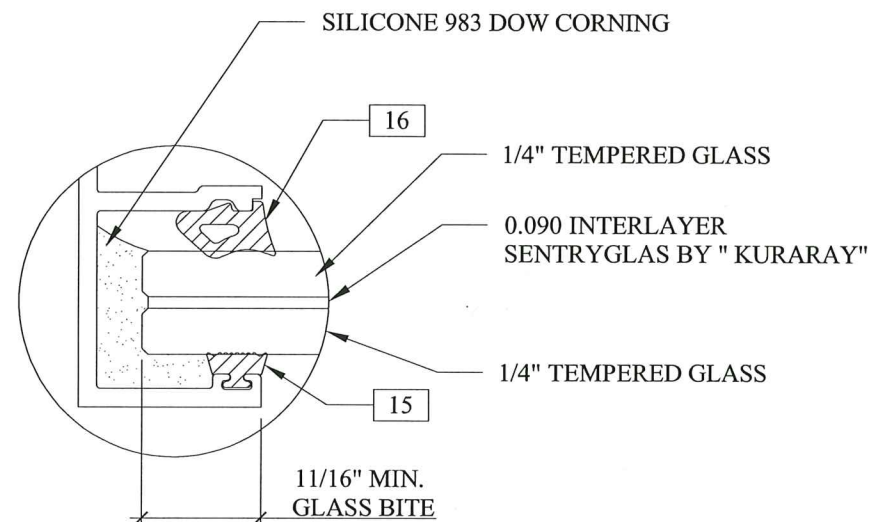
SERIES  
"GLASS RAILING"

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| Checked by:  | DG          |
| Date:        | 08/08/18    |
| Scale:       |             |

SHEET No:  
2 of 4



TYPICAL SECTION AA



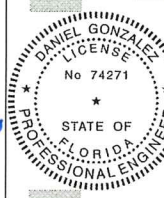
GLASS DETAIL

QUIKRETE NON-SHRINK PRECISION GROUT  
OR EQUAL (12,000 PSI MIN.)

- NOTES:
- A. - PART 08 FOR INTERMEDIATE & ENDS  
- PART 09 FOR CORNERS
  - B. - PART 13 FOR INTERMEDIATE  
- PART 12 & 14 FOR CORNERS & ENDS

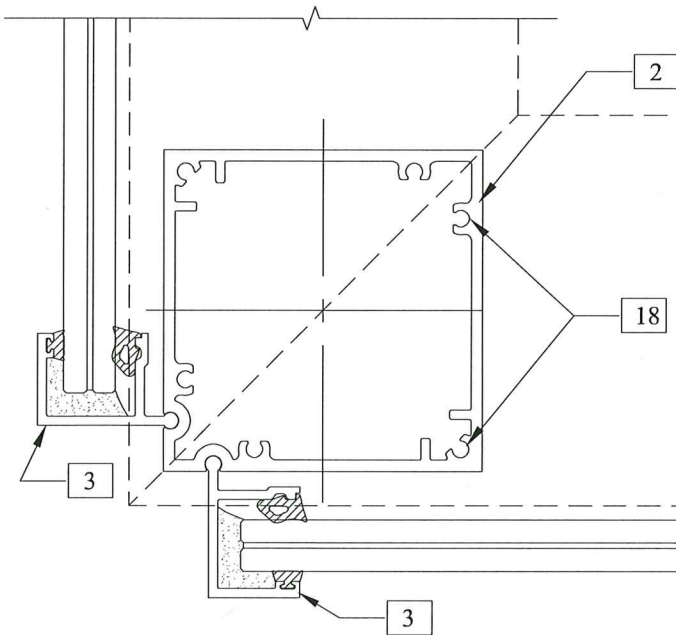
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PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 23-0918.07  
Expiration Date 12/27/2028  
By: *[Signature]*  
Miami Data Product Control

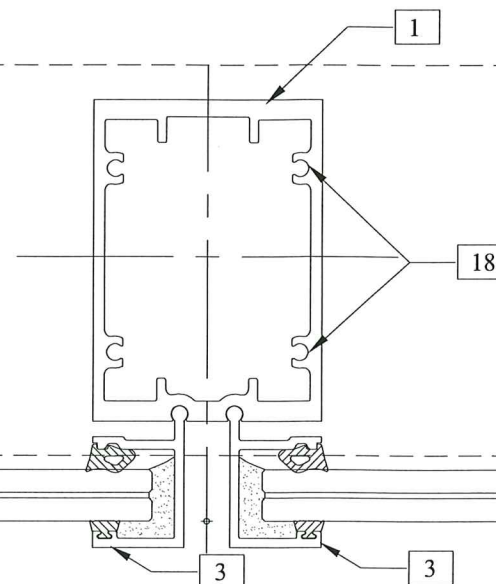


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by Daniel  
Gonzalez  
Date:  
2023.09.07  
09:45:34-04'00'

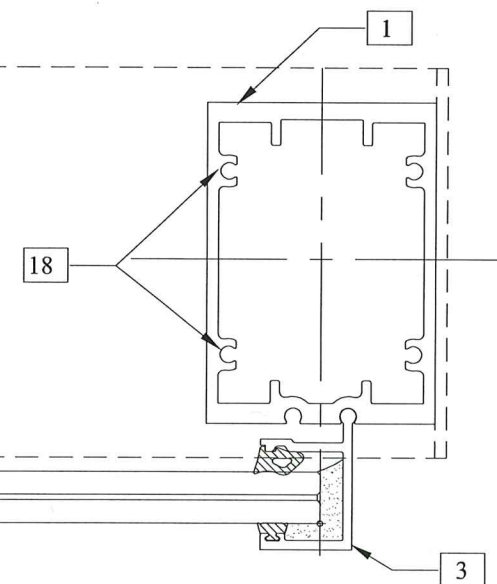




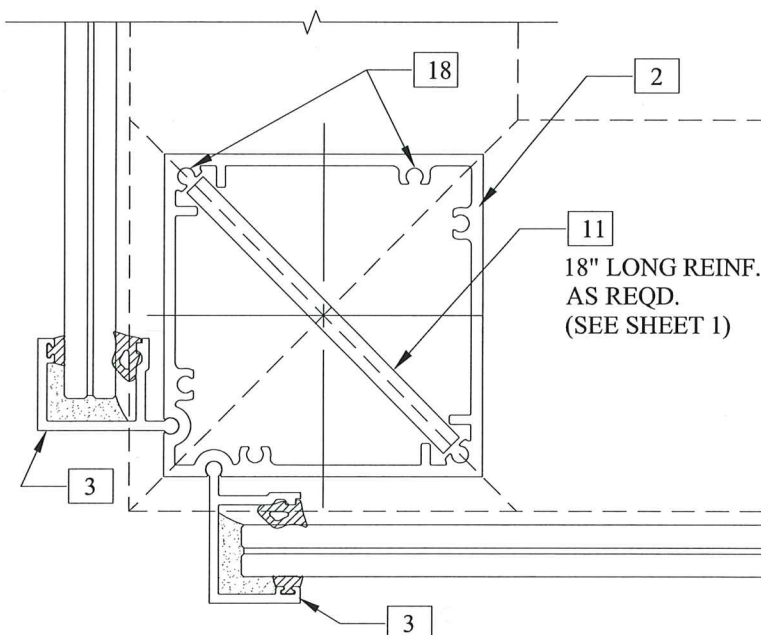
DETAIL 1



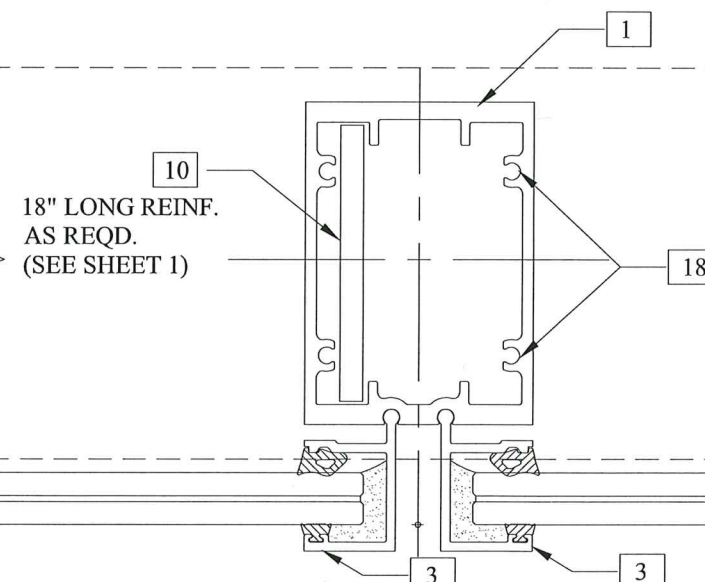
DETAIL 2



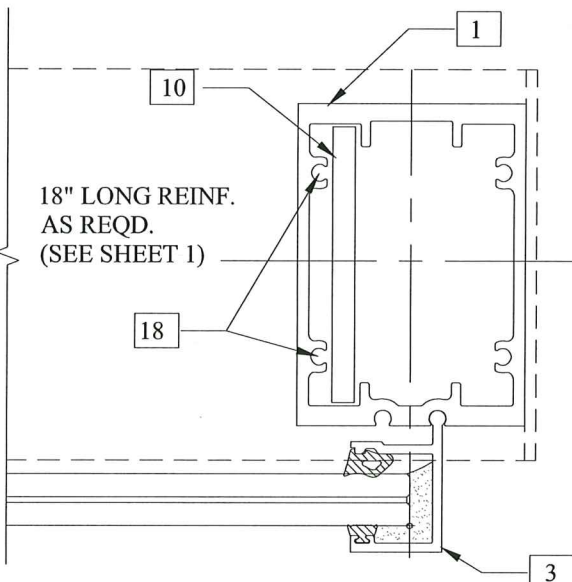
DETAIL 3



DETAIL 1  
ALTERNATE



DETAIL 2  
ALTERNATE



DETAIL 3  
ALTERNATE

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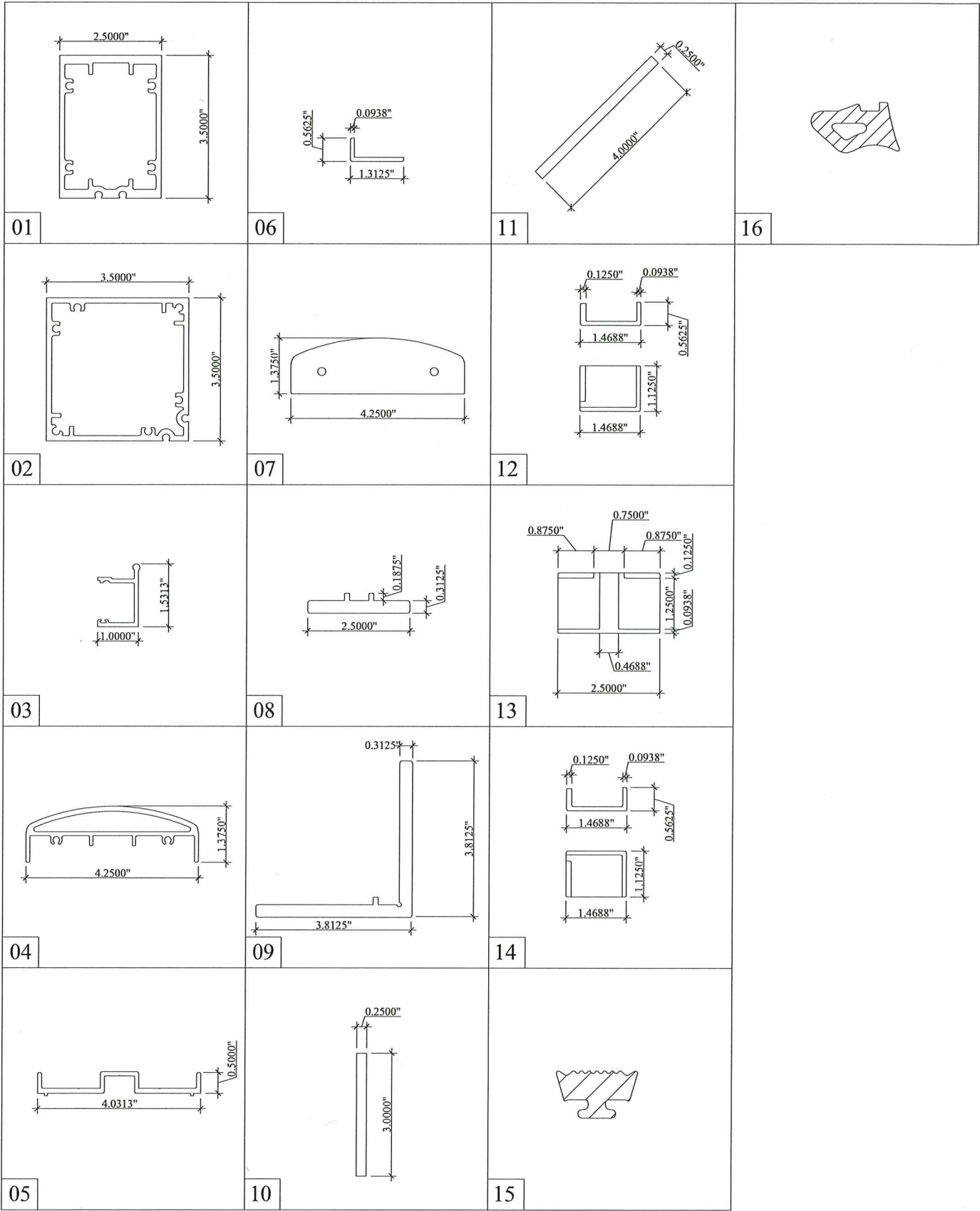


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SHEET No:  
3 of 4



| ITEM NO. | PART NUMBER | DESCRIPTION                       | MATERIAL               |
|----------|-------------|-----------------------------------|------------------------|
| 1        | GR01        | POST                              | 6005-T6                |
| 2        | GR02        | CORNER POST                       | 6005-T6                |
| 3        | GR03        | GLAZING BEAD                      | 6005-T6                |
| 4        | GR04        | TOP CAP                           | 6005-T6                |
| 5        | GR05        | TOP RAIL                          | 6005-T6                |
| 6        | GR06        | END CAP                           | EN 1706 AC-46100D      |
| 7        | GR07        | END CAP                           | EN 1706 AC-46100D      |
| 8        | GR08        | END POST                          | EN 1706 AC-46100D      |
| 9        | GR09        | END CORNER POST                   | EN 1706 AC-46100D      |
| 10       | GR10        | REINFORCED POST                   | STEEL                  |
| 11       | GR11        | REINFORCED CORNER POST            | STEEL                  |
| 12       | GR12        | END CAP                           | EN 1706 AC-46100D      |
| 13       | GR13        | END CAP                           | EN 1706 AC-46100D      |
| 14       | GR14        | END CAP                           | EN 1706 AC-46100D      |
| 15       | G01         | EXTERIOR GASKET                   | 70 DURO BLACK SILICONE |
| 16       | G02         | INTERIOR GASKET                   | 70 DURO BLACK SILICONE |
| 17       | F1          | #10 x 5/8" PH SELF TAPPING SCREWS | STAINLESS STEEL        |
| 18       | F2          | #10 ASSEMBLY SCREW                | STAINLESS STEEL        |

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By *Hely A. M...*  
Miami Data Product Control

Digitally signed  
by Daniel  
Gonzalez  
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SERIES  
"GLASS RAILING"

Drawings No:  
CDM 2018-01

Drawn by: AP

Checked by: DG

Date: 08/08/18

Scale:

SHEET No:  
4 of 4