



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

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY, FLORIDA  
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208  
T (786) 315-2590 F (786) 315-2599

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

**WinDoor, Incorporated**  
**104 Triple Diamond Blvd.,**  
**North Venice, Fl. 34275**

### 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 Florida Building Code, including the High Velocity Hurricane Zone.

### DESCRIPTION: Series "8100" Aluminum Sliding Glass Door W/WO Reinforcements-L.M.I.

**APPROVAL DOCUMENT:** Drawing No. **8100 LMI-NOA** (former **08-00875**), titled "Series 8100 Aluminum Sliding Glass Door", sheets 1 through 35 of 35, prepared by manufacturer, dated 08/07/20, signed and sealed by Lynn A. Miller, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

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

### LIMITATION:

1. See Design Pressures Vs sizes, reinforcements, sill riser and glass types in sheets **1** thru **10**.
2. See anchor charts in sheets **11** & **12**.

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/ series, and 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.

This NOA **revises & renews** NOA # **17-1219.09** and consists of this page 1 and evidence pages E-1, E-2, E-3 and E-4, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P. E.**



*Ishaq I. Chanda*

**NOA No. 20-0814.03**

**Expiration Date: March 31, 2026**

**Approval Date: December 03, 2020**

**Page 1**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections. *(Submitted under NOA No. 10-0209.12)*
2. Drawing No. **08-00875**, titled "8100 Series LMI: Reinforced & Non-reinforced", sheets 1 through 27 of 27, including sheets 5A, 6A, 7A, 14A, 18A, 20A, 21A, 22A, prepared by manufacturer, dated 12/03/09 with Revision C dated 06/15/15, signed and sealed by Luis R. Lomas, P.E.

**B. TESTS**

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

Along with marked-up drawings and installation diagram of Aluminum Sliding Glass, prepared by National Certified Testing Laboratories Inc., Test Report No. **NCTL-210-3573-3** dated 07/31/09 and **revised** and **reissued** on 12/16/10 and **NCTL-210-3573-4** dated 07/30/09 and **revised** and **reissued** on 12/16/10, both signed & sealed by Gerald J, Ferrara, P.E.

(Note: This test reports have addendum letters dated 08/03/10 & 11/29/10, issued by National Certified Testing Laboratories Inc., signed & sealed by Gerald J, Ferrara, P.E.

*(Submitted under NOA No. 10-0209.12)*

**C. CALCULATIONS**

1. Anchor verification calculations complying w/ FBC-2014, dated 07/15/15 and last revised on 03/10/16, prepared, signed and sealed by Luis R. Lomas, P.E.
2. Glazing complies with ASTM E1300-04.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **14-0916.11** issued to **Kuraray America, Inc.** for their "SentryGlas® (Clear and White) Interlayer" dated 06/25/15, expiring on 07/04/18.
2. Notice of Acceptance No. **14-0916.10** issued to **Kuraray America, Inc.**, for "Kuraray Butacite® PVB", expiring on 12/11/2016.
3. Notice of Acceptance No. **14-0423.15** issued to **Eastman Chemical Company (MA)** for "Saflex CP – Saflex and Saflex HP Composite Glass Interlayer w/ PET core" (formerly Vanceva), expiring on 11/11/2018.
4. Notice of Acceptance No. **14-0423.17** issued to **Eastman Chemical Company (MA)** for "Saflex Clear and Color Glass Interlayers", expiring on 05/21/2016.

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 20-0814.03**  
**Expiration Date: March 31, 2026**  
**Approval Date: December 03, 2020**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC-2014, 5<sup>th</sup> edition**, issued, prepared, signed, sealed and dated 06/08/15 by Luis R. Lomas, P. E.
2. Statement letter of no financial interest, issued, prepared, signed, sealed and dated 06/08/15 by Luis R. Lomas, P.E.
3. Laboratory compliance statement, as part of above referenced test report.

**G. OTHERS**

1. Notice of Acceptance No. **12-0130.13**, issued to WinDoor, Inc. for their Series “8100” Aluminum Sliding Glass Door w/wo Reinforcements-L.M.I., approved on 04/19/12 and expiring on 03/31/16.
2. Test Proposal #08-0955B (consolidated) dated 01/15/09, approved by BCCO.  
*(Submitted under NOA No. 10-0209.12)*

**2. EVIDENCE SUBMITTED under previous approval**

**A. DRAWINGS**

1. Drawing No. **08-00875**, titled “8100 Series LMI: Reinforced & Non-reinforced”, sheets 1 through 27 of 27, including sheets 5A, 6A, 7A, 14A, 18A, 20A, 21A, 22A, prepared by manufacturer, dated 12/03/09 with Revision “D” dated 06/15/15, signed and sealed by Luis R. Lomas, P.E.

**B. TESTS**

1. None

**C. CALCULATIONS**

1. None.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. NOA No. **17-0808.02** issued to **Kuraray America, Inc.** for their “**SentryGlas® (Clear and White) Glass Interlayers**” dated 12/28/17, expiring on 07/04/23.
2. NOA No. **17-1114.14** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**”, expiring on 07/08/19.
3. NOA No. **17-0712.03** issued to **Eastman Chemical Company (MA)** for “**Saflex CP – Saflex and Saflex HP Composite Glass Interlayer w/ PET core**” (formerly **Vanceva**), expiring on 11/11/2018.
4. Notice of Acceptance No. **17-0712.05** issued to **Eastman Chemical Company (MA)** for “**Saflex Clear and Color Glass Interlayers**”, expiring on 05/21/202

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 20-0814.03**  
**Expiration Date: March 31, 2026**  
**Approval Date: December 03, 2020**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC 6<sup>th</sup> Edition (2017)**, and of no financial interest, dated November 30, 2017, issued, signed and sealed by Luis R. Lomas, P.E.

**G. OTHERS**

1. Notice of Acceptance No. **15-0723.12**, issued to WinDoor, Inc. for their Series “8100” Aluminum Sliding Glass Door w/wo Reinforcements-L.M.I., approved on 04/07/16 and expiring on 03/31/21.

**3. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **8100 LMI-NOA** (former **08-00875**), titled “Series 8100 Aluminum Sliding Glass Door”, sheets 1 through 35 of 35, prepared by manufacturer, dated 08/07/20, signed and sealed by Lynn A. Miller, P.E.

**B. TESTS**

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Forced Entry Test, per ASTM F588 and TAS 202-94

along with marked-up drawings and installation diagram of all Windoor Inc., CGI Windows and Doors, Inc. and PGT Industries, Inc., representative units listed below and tested to qualify **Dowsil 791** and **Dowsil 983** silicones, per Proposal #**19-1155TP**, prepared by Fenestration Testing Laboratory, Inc., Test Reports No.:

**WinDoor, Inc. test specimens:**

**FTL-20-2078.1**, WinDoor PW3000 Aluminum Fixed Lite (unit 11 in proposal)  
**FTL-20-2078.2**, WinDoor HR9470 Thermally Broken Alum. Horiz. Roller (unit 12)  
**FTL-20-2078.3**, WinDoor SGD8100 Alum. Sliding Glass Door (unit 13 in proposal)  
**FTL-20-2078.4**, WinDoor HR9470 Thermally Broken Alum. Horiz. Roller (unit 14)  
**FTL-20-2078.5**, WinDoor PW9020 Alum. Fixed Lite (unit 15 in proposal) and  
**FTL-20-2078.6**, WinDoor PW9020 Alum. Fixed Lite (unit 16 in proposal), all dated 09/24/20 and signed and sealed by Idalmis Ortega, P.E.

**CGI Windows and Doors Inc. test specimens:**

**FTL-20-2108.1**, CGI SH360 Aluminum Single Hung Window (unit 1 in proposal) **FTL-20-2108.2**, CGI CA238 Alum. Outswing Casement Window (unit 2 in proposal) **FTL-20-2108.3**, CGI SGD560 Aluminum Sliding Glass Door (unit 3 in proposal) **FTL-20-2108.4**, CGI PW410 Aluminum Fixed Window (unit 4 in proposal) and **FTL-20-2108.5**, CGI SH360 Aluminum Single Hung Window (unit 5 in proposal) all dated 08/24/20 and signed and sealed by Idalmis Ortega, P.E.

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 20-0814.03**  
**Expiration Date: March 31, 2026**  
**Approval Date: December 03, 2020**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**B. TESTS (continue):**

**PGT Industries, Inc. test specimens:**

**FTL-7897**, PGT PW5520 PVC Fixed Window (unit 6 in proposal), dated 09/03/14  
**FTL-20-2107.1**, PGT SGD780 Aluminum Sliding Glass Door (unit 7 in proposal) **FTL-20-2107.2**, PGT CA740 Alum. Outswing Casement Window (unit 8 in proposal) **FTL-20-2107.3**, PGT PW7620A Aluminum Fixed Window (unit 9 in proposal) and **FTL-20-2107.4**, PGT PW7620A Aluminum Fixed Window (unit 10 in proposal) all dated 07/13/20 and signed and sealed by Idalmis Ortega, P.E.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with **FBC 7<sup>th</sup> Edition (2020)**, dated 08/06/20, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
2. Glazing complies with **ASTM E1300-04, -09, -12 and -16**.

**D. QUALITY ASSURANCE**

1. Miami Dade Department of Regulatory and Economic Resources (RER).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **19-0305.02** issued to **Kuraray America, Inc.** for their **“Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers”**, expiring on 07/08/24.
2. Notice of Acceptance No. **17-0808.02** issued to **Kuraray America, Inc.** for their **“SentryGlas® (Clear and White) Glass Interlayers”**, expiring on 07/04/23.
3. Notice of Acceptance No. **20-0622.02** issued to **Eastman Chemical Company (MA)** for **“Saflex CP – Saflex and Saflex HP Composite Glass Interlayer w/ PET core” (formerly Vanceva)**, expiring on 12/11/2023.
4. Notice of Acceptance No. **17-0712.05** issued to **Eastman Chemical Company (MA)** for **“Saflex Clear and Color Glass Interlayers”**, expiring on 05/21/2021

**F. STATEMENTS**

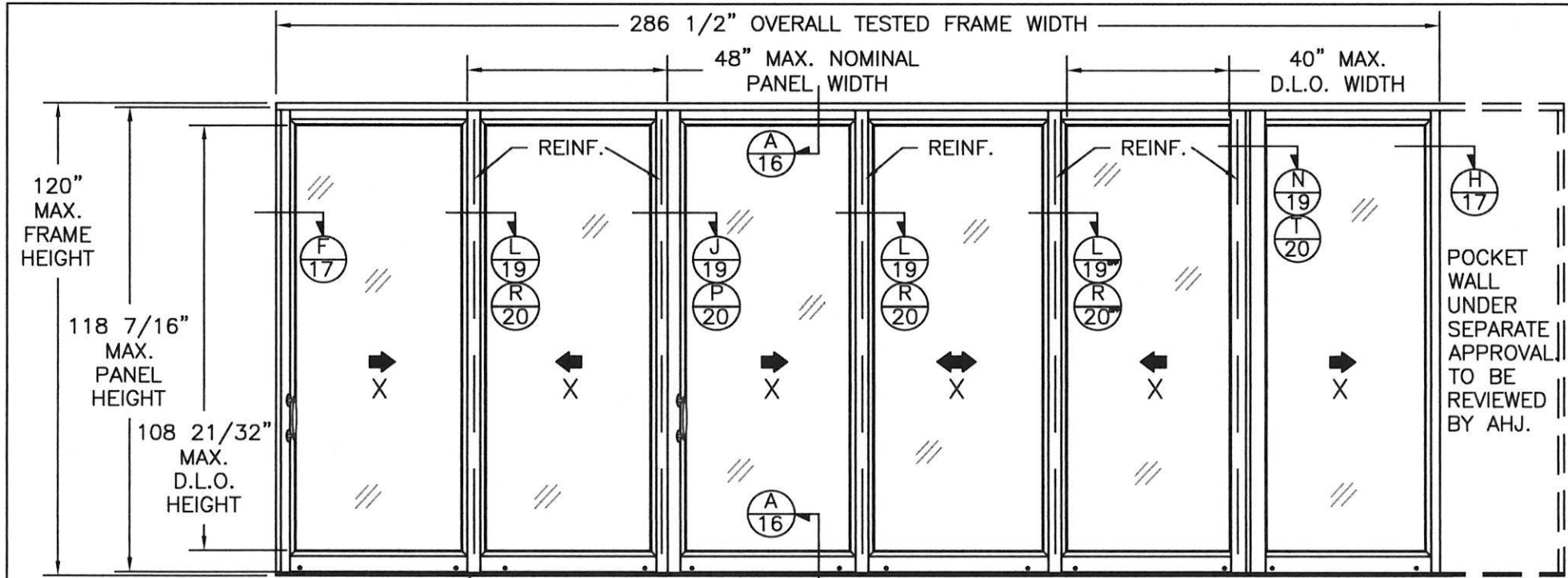
1. Statement letters of conformance to FBC 2020(7<sup>th</sup> Edition) and “No financial interest”, dated 08/06/20, prepared, signed & sealed by Lynn Miller, P. E.
2. Statement of Lab compliance as part of the test report.
3. Notification of Successor Engineer per the Florida Administrative Code Section 61G15-27.001, notifying original engineer that the successor engineer is assuming full professional and legal responsibility for all engineering documents pertaining to this NOA, dated 07/29/20, signed and sealed by A. Lynn Miller, P.E.

**G. OTHER**

1. This NOA **revises & renews NOA No. 17-1219.09** and updates to FBC 2020 (7<sup>th</sup> Edition) expiring 03/31/26.
2. RER Test proposals **#19-1155** dated 01/10/20 approved by Ishaq I. Chanda, P.E.

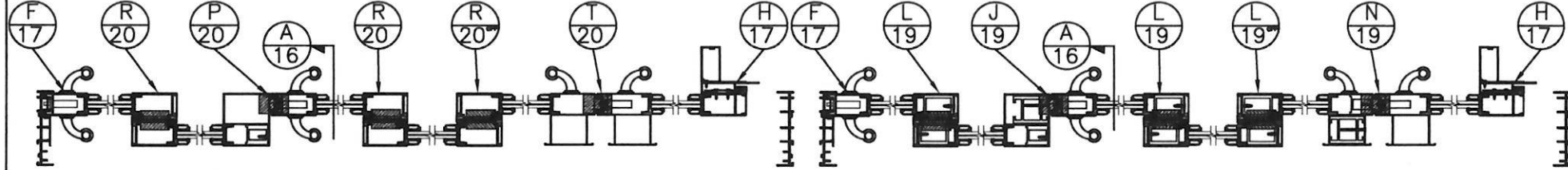
\_\_\_\_ Ishaq I. Chanda  
Ishaq I. Chanda, P.E.  
Product Control Unit Supervisor  
NOA No. 20-0814.03  
Expiration Date: March 31, 2026  
Approval Date: December 03, 2020





8100 SERIES 4'0" x 10'0" LMI SGD  
TYPICAL ELEVATION EXTERIOR VIEW

(6) PANELS SHOWN. UNLIMITED NUMBER OF PANELS IN UNLIMITED CONFIGURATIONS IS APPLICABLE AS LONG AS INDIVIDUAL PANEL SIZE DOES NOT EXCEED MAXIMUM PANEL SIZE AND USE VERTICAL CONDITIONS AS SHOWN. MAXIMUM AREA OF ALTERNATE SIZES MUST NOT EXCEED FRAME AREA OF 360 SQ.FT.



8100 SERIES 4'0" x 10'0" LMI NON-REINFORCED SGD  
2 TRACK LAYOUT

8100 SERIES 4'0" x 10'0" LMI REINFORCED SGD  
2 TRACK LAYOUT

NON-REINFORCED UNIT W/ 3", 3-1/2" & 4-1/4" SILL RISERS

| DESIGN PRESSURE RATING | IMPACT RATING        |
|------------------------|----------------------|
| ±70.0PSF               | LARGE MISSILE IMPACT |

FOR WOOD, MASONRY/CONCRETE & METAL INSTALLATION  
FOR ADDITIONAL SIZES, RISERS AND RATINGS,  
SEE SHEET 9

REINFORCED UNIT W/ 4-1/4" SILL RISER

| DESIGN PRESSURE RATING | IMPACT RATING        |
|------------------------|----------------------|
| ±110.0PSF              | LARGE MISSILE IMPACT |

FOR MASONRY/CONCRETE & METAL INSTALLATION  
FOR ADDITIONAL SIZES, RISERS AND RATINGS,  
SEE SHEET 10

REINFORCED UNIT W/ 3", 3-1/2" & 4-1/4" SILL RISERS

| DESIGN PRESSURE RATING | IMPACT RATING        |
|------------------------|----------------------|
| ±72.0PSF               | LARGE MISSILE IMPACT |

FOR WOOD INSTALLATION  
FOR ADDITIONAL SIZES, RISERS AND RATINGS,  
SEE SHEET 10

- NOTES:
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE 6TH EDITION (2017) AND 7TH EDITION (2020) INCLUDING THE HVHZ.
  2. 1X OR 2X WOOD FRAMING, 20 GA. 2X WOOD BACKED STEEL STUD AND MASONRY/CONCRETE OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD, TO BE REVIEWED BY THE AHJ.
  3. 1X BUCK PROPERLY SECURED OVER MASONRY/CONCRETE IS OPTIONAL.
  4. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
  5. FRAME MATERIAL: EXTRUDED ALUMINUM 6063-T6 .075" THICK. PANEL MATERIAL: EXTRUDED ALUMINUM 6063-T6 .080" THICK.
  6. UNITS MUST BE GLAZED WITH LARGE MISSILE IMPACT SINGLE LAMINATED OR INSULATED LAMINATED GLASS AS SHOWN IN GLAZING DETAILS ON SHEETS 14 AND 15, PER ASTM E1300-04.
  7. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN AREAS WHERE WIND BORNE DEBRIS PROTECTION IS REQUIRED.
  8. APPROVED TO BE INSTALLED ON A 2 TRACK, 3 TRACK, 4 TRACK OR 5 TRACK FRAME SYSTEM WITH OR WITHOUT POCKETS.

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 20-0814.03  
Expiration Date 03/31/2026  
By Ishag I. Chande  
Miami-Dade Product Control

UPDATES FOR 2020 FBC.  
UPDATED MANUFACTURING ADDRESS.

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

**WINDOOR®**  
INCORPORATED  
WINDOOR INCORPORATED  
104 TRIPLE DIAMOND BLVD.  
NORTH VENICE, FL 34275  
(833) 554-5432

08/05/20  
Date

ERIN KOSS  
By

8100-LMI-NOA  
DWG No.

1 OF 35  
Sheet

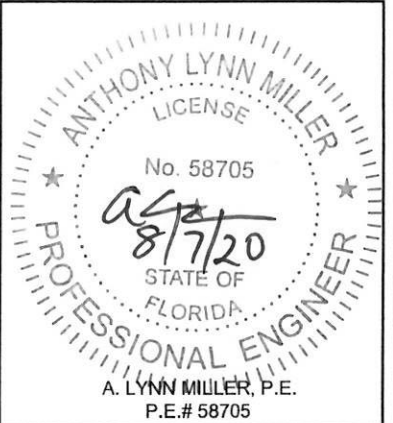
ALUMINUM SLIDING GLASS DOOR (LM)

ELEV. & DP @ MAX SIZE - 4'x10' 2T

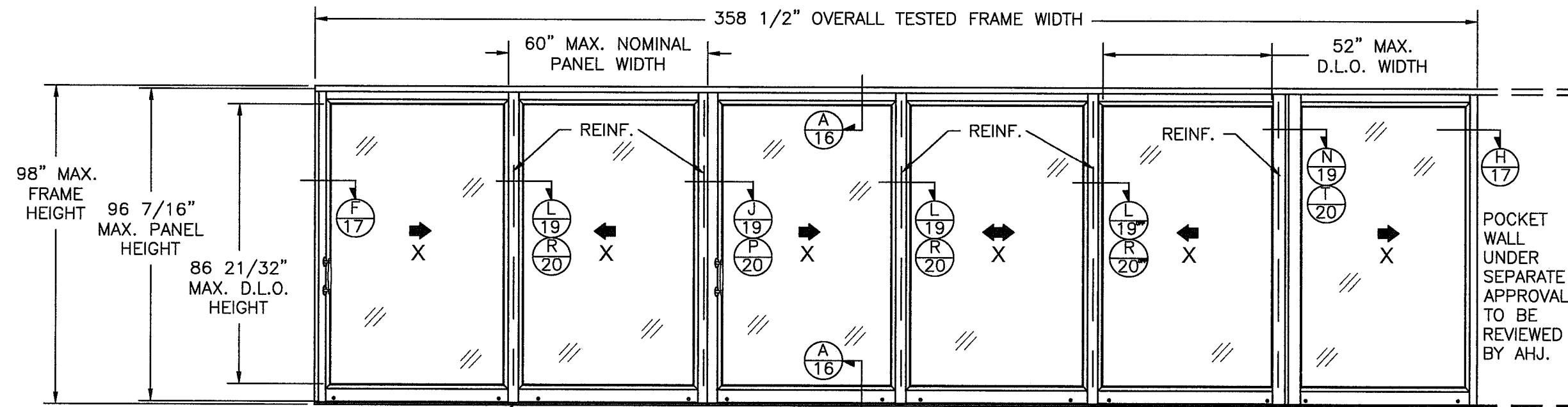
SGD8100A  
Series

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PANEL HEIGHT AND D.L.O. FORMULA  
PANEL HEIGHT = UNIT HEIGHT - 1 9/16"  
MAXIMUM D.L.O. HEIGHT = PANEL HEIGHT - 9 1/2"  
D.L.O. WIDTH = NOMINAL PANEL WIDTH - 9 1/2"







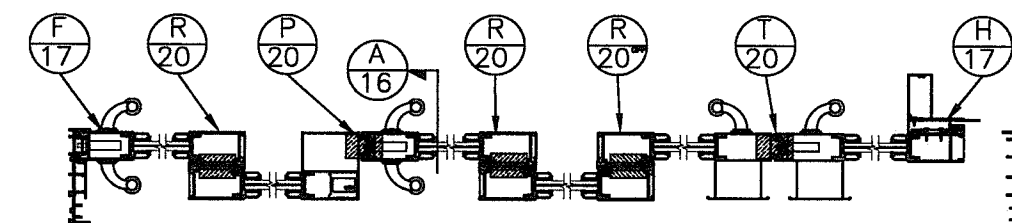
6" TO  
WEEP SLOT

WEEP SLOT 1" x .1875"  
TYP. LOCATED AT ALL  
VERTICAL CENTER LINES

**8100 SERIES 5'0" x 8'2" LMI SGD**  
TYPICAL ELEVATION EXTERIOR VIEW

(6) PANELS SHOWN. UNLIMITED NUMBER OF PANELS IN UNLIMITED CONFIGURATIONS  
IS APPLICABLE AS LONG AS INDIVIDUAL PANEL SIZE DOES NOT EXCEED MAXIMUM PANEL SIZE  
AND USE VERTICAL CONDITIONS AS SHOWN. MAXIMUM AREA OF ALTERNATE SIZES MUST NOT EXCEED  
FRAME AREA OF 360 SQ.FT.

POCKET  
WALL  
UNDER  
SEPARATE  
APPROVAL  
TO BE  
REVIEWED  
BY AHJ.

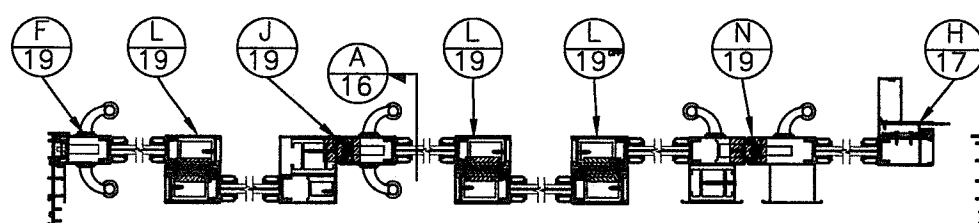


**8100 SERIES 5'0" x 8'2" LMI NON-REINFORCED SGD**  
2 TRACK LAYOUT

NON-REINFORCED UNIT W/ 3", 3-1/2" & 4-1/4" SILL RISERS

| DESIGN PRESSURE RATING | IMPACT RATING        |
|------------------------|----------------------|
| ±70.0PSF               | LARGE MISSILE IMPACT |

FOR WOOD, MASONRY/CONCRETE & METAL INSTALLATION  
FOR ADDITIONAL SIZES, RISERS AND RATINGS,  
SEE SHEET 9



**8100 SERIES 5'0" x 8'2" LMI REINFORCED SGD**  
2 TRACK LAYOUT

REINFORCED UNIT W/ 4-1/4" SILL RISER

| DESIGN PRESSURE RATING | IMPACT RATING        |
|------------------------|----------------------|
| ±110.0PSF              | LARGE MISSILE IMPACT |

FOR MASONRY/CONCRETE & METAL INSTALLATION  
FOR ADDITIONAL SIZES, RISERS AND RATINGS,  
SEE SHEET 10

REINFORCED UNIT W/ 3-1/2" & 4-1/4" SILL RISERS

| DESIGN PRESSURE RATING | IMPACT RATING        |
|------------------------|----------------------|
| ±81.3PSF               | LARGE MISSILE IMPACT |

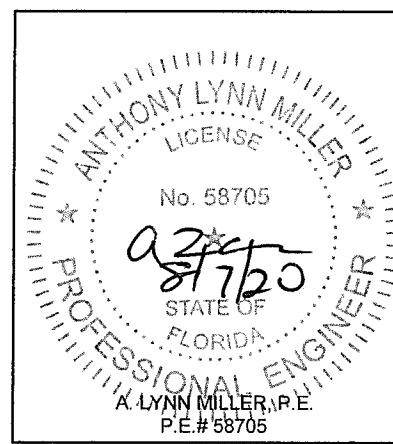
FOR WOOD INSTALLATION  
FOR ADDITIONAL SIZES, RISERS AND RATINGS,  
SEE SHEET 10

**PANEL HEIGHT AND D.L.O. FORMULA**  
PANEL HEIGHT = UNIT HEIGHT - 1 9/16"  
MAXIMUM D.L.O. HEIGHT = PANEL HEIGHT - 9 1/2"  
D.L.O. WIDTH = NOMINAL PANEL WIDTH - 9 1/2"

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0814.03  
Expiration Date 03/31/2026  
By Ishaq I. Chande  
Miami-Dade Product Control

Revision: NO CHANGES THIS SHEET.

|   |  |              |
|---|--|--------------|
| PREPARED BY A. LYNN MILLER<br>1070 TECHNOLOGY DRIVE<br>N. VENICE, FL 34275<br>(941) 480-1600<br>REGISTRATION #29296 | Date   | 08/05/20     |
|   | By   | ERIN KOSS    |
|   | DWG No.  | 8100-LMI-NOA |
|   | Sheet  | 2 OF 35      |
| <b>WINDOOR®</b><br>INCORPORATED<br>104 TRIPLE DIAMOND BLVD.<br>NORTH VENICE, FL 34275<br>(833) 554-5432             | ALUMINUM SLIDING GLASS DOOR (LM)<br>ELEV. & DP @ MAX SIZE - 5'x8'2" 2T<br>SGD8100A |              |



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0814.03  
Expiration Date 03/31/2026  
By Ismael I. Chanda  
Miami-Dade Product Control

Revision: NO CHANGES THIS SHEET.

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

**WinDoor®**  
INCORPORATED  
WINDOOR INCORPORATED  
104 TRIPLE DIAMOND BLVD.  
NORTH VENICE, FL 34275  
(833) 554-5432

08/05/20  
Date

ERIN KOSS  
By

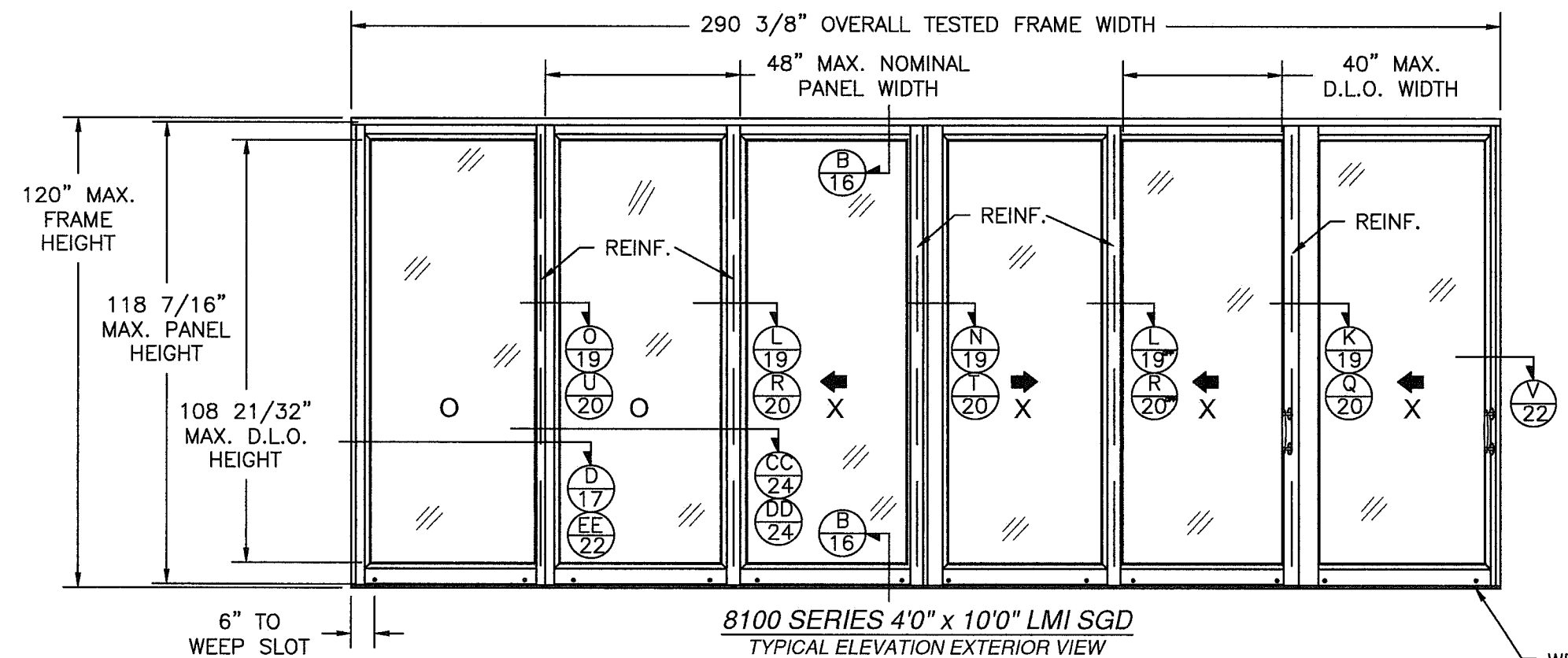
8100-LMI-NOA  
Dwg No.

3 OF 35  
Sheet

SGD8100A  
Series Desc.

ALUMINUM SLIDING GLASS DOOR (LM)  
ELEV. & DP @ MAX SIZE - 4'x10' 3T

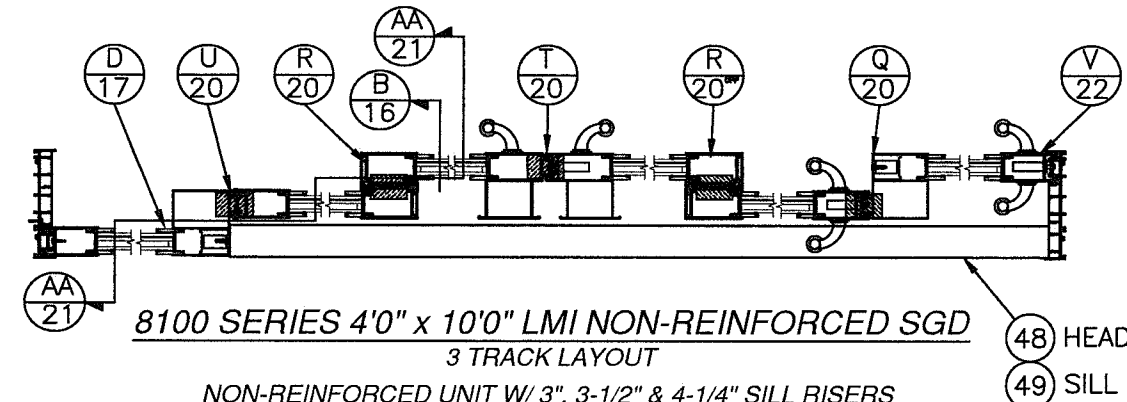
ANTHONY LYNN MILLER  
LICENSE  
No. 58705  
8/7/20  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
A. LYNN MILLER, P.E.  
P.E.# 58705



**8100 SERIES 4'0" x 10'0" LMI SGD**  
TYPICAL ELEVATION EXTERIOR VIEW

(6) PANELS SHOWN. UNLIMITED NUMBER OF PANELS IN UNLIMITED CONFIGURATIONS IS APPLICABLE AS LONG AS INDIVIDUAL PANEL SIZE DOES NOT EXCEED MAXIMUM PANEL SIZE AND USE VERTICAL CONDITIONS AS SHOWN. MAXIMUM AREA OF ALTERNATE SIZES MUST NOT EXCEED FRAME AREA OF 360 SQ.FT.

WEEP SLOT 1" x .1875"  
TYP. LOCATED AT ALL  
VERTICAL CENTER LINES

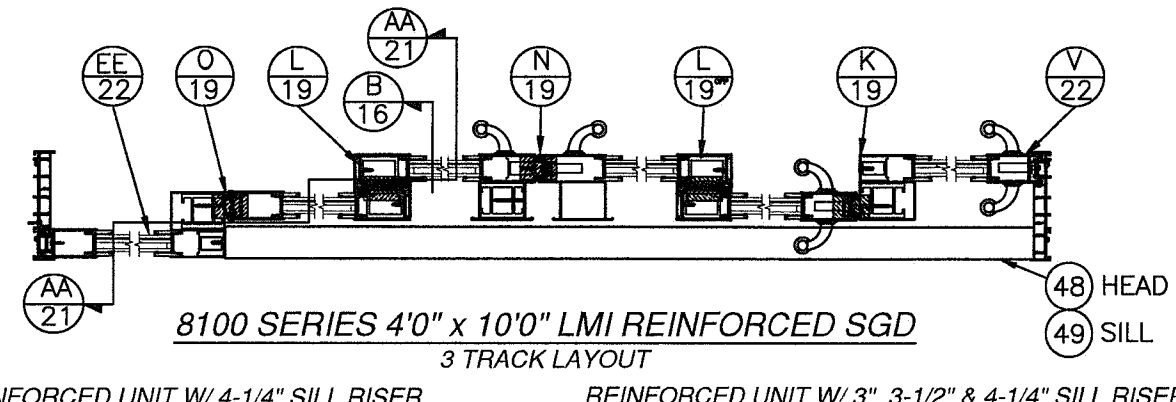


**8100 SERIES 4'0" x 10'0" LMI NON-REINFORCED SGD**  
3 TRACK LAYOUT

NON-REINFORCED UNIT W/ 3", 3-1/2" & 4-1/4" SILL RISERS

| DESIGN PRESSURE RATING | IMPACT RATING        |
|------------------------|----------------------|
| ±70.0PSF               | LARGE MISSILE IMPACT |

FOR WOOD, MASONRY/CONCRETE & METAL INSTALLATION  
FOR ADDITIONAL SIZES, RISERS AND RATINGS,  
SEE SHEET 9



**8100 SERIES 4'0" x 10'0" LMI REINFORCED SGD**  
3 TRACK LAYOUT

REINFORCED UNIT W/ 4-1/4" SILL RISER

| DESIGN PRESSURE RATING | IMPACT RATING        |
|------------------------|----------------------|
| ±110.0PSF              | LARGE MISSILE IMPACT |

FOR MASONRY/CONCRETE & METAL INSTALLATION  
FOR ADDITIONAL SIZES, RISERS AND RATINGS,  
SEE SHEET 10

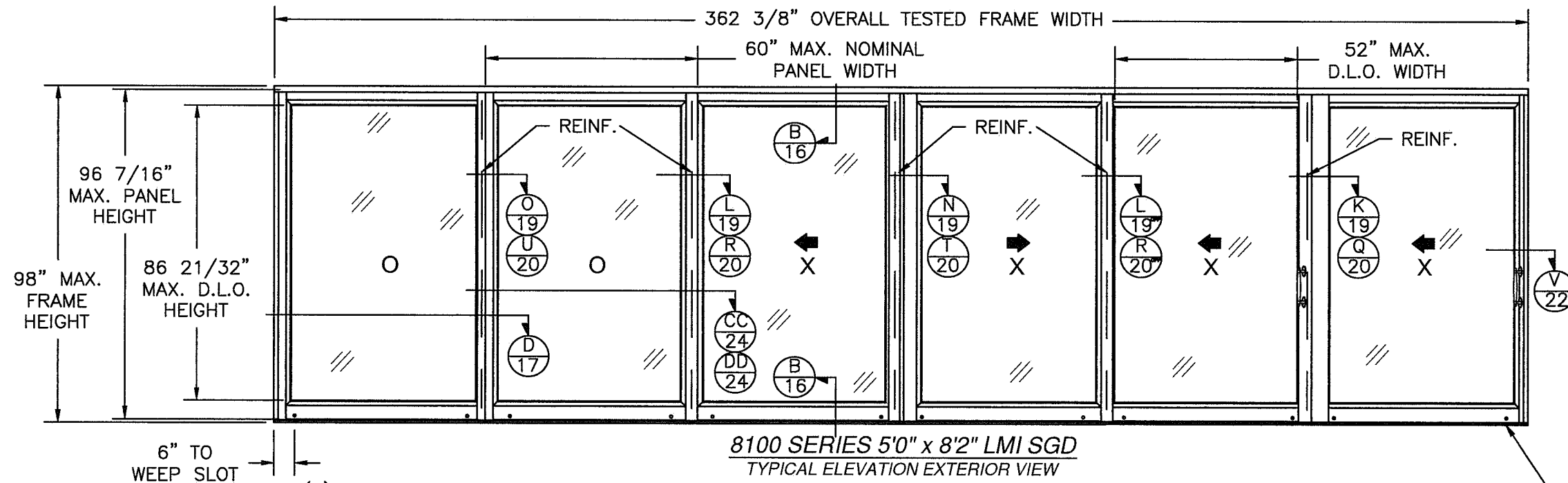
REINFORCED UNIT W/ 3", 3-1/2" & 4-1/4" SILL RISERS

| DESIGN PRESSURE RATING | IMPACT RATING        |
|------------------------|----------------------|
| ±72.0PSF               | LARGE MISSILE IMPACT |

FOR WOOD INSTALLATION  
FOR ADDITIONAL SIZES, RISERS AND RATINGS,  
SEE SHEET 10

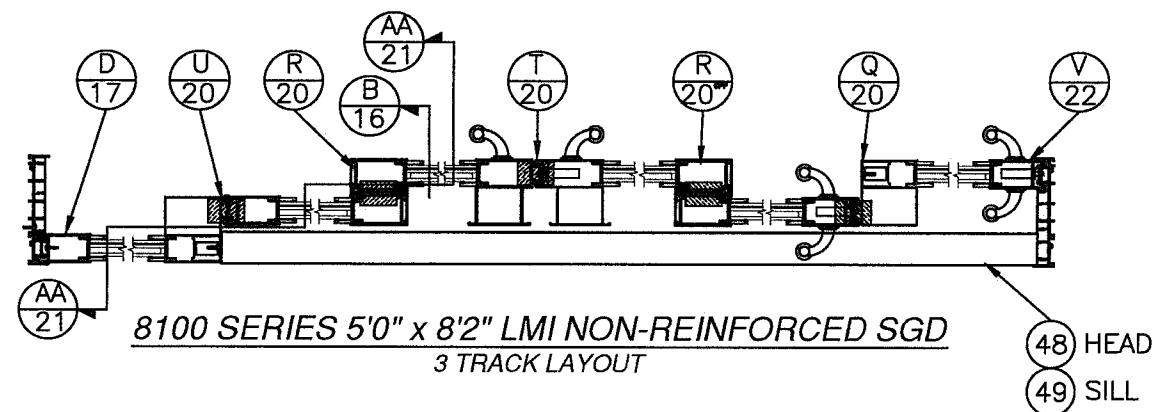
PANEL HEIGHT AND D.L.O. FORMULA  
PANEL HEIGHT = UNIT HEIGHT - 1 9/16"  
MAXIMUM D.L.O. HEIGHT = PANEL HEIGHT - 9 1/2"  
D.L.O. WIDTH = NOMINAL PANEL WIDTH - 9 1/2"





(6) PANELS SHOWN. UNLIMITED NUMBER OF PANELS IN UNLIMITED CONFIGURATIONS IS APPLICABLE AS LONG AS INDIVIDUAL PANEL SIZE DOES NOT EXCEED MAXIMUM PANEL SIZE AND USE VERTICAL CONDITIONS AS SHOWN. MAXIMUM AREA OF ALTERNATE SIZES MUST NOT EXCEED FRAME AREA OF 360 SQ.FT.

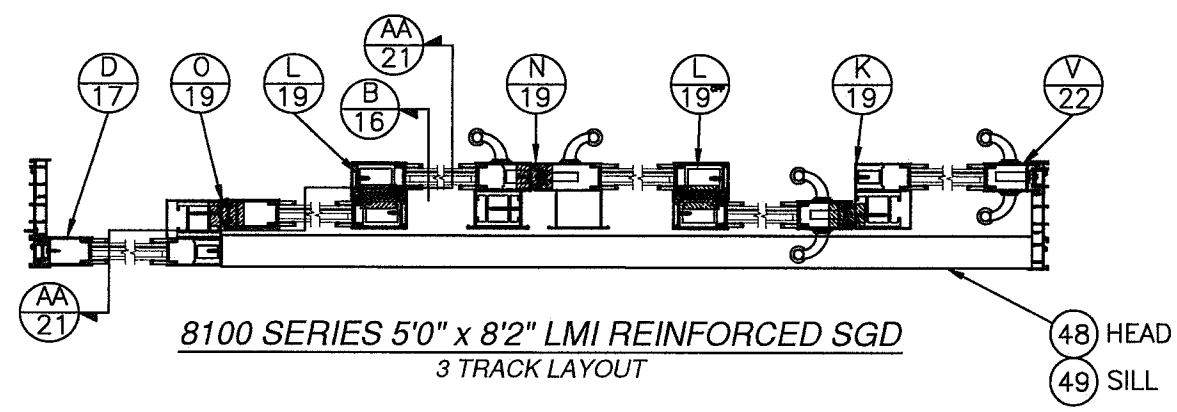
WEEP SLOT 1" x .1875" TYP. LOCATED AT ALL VERTICAL CENTER LINES



NON-REINFORCED UNIT W/ 3", 3-1/2" & 4-1/4" SILL RISERS

| DESIGN PRESSURE RATING | IMPACT RATING        |
|------------------------|----------------------|
| ±70.0PSF               | LARGE MISSILE IMPACT |

FOR WOOD, MASONRY/CONCRETE & METAL INSTALLATION  
FOR ADDITIONAL SIZES, RISERS AND RATINGS,  
SEE SHEET 9



REINFORCED UNIT W/ 4-1/4" SILL RISER

| DESIGN PRESSURE RATING | IMPACT RATING        |
|------------------------|----------------------|
| ±110.0PSF              | LARGE MISSILE IMPACT |

FOR MASONRY/CONCRETE & METAL INSTALLATION  
FOR ADDITIONAL SIZES, RISERS AND RATINGS,  
SEE SHEET 10

REINFORCED UNIT W/ 3-1/2" & 4-1/4" SILL RISERS

| DESIGN PRESSURE RATING | IMPACT RATING        |
|------------------------|----------------------|
| ±81.3PSF               | LARGE MISSILE IMPACT |

FOR WOOD INSTALLATION  
FOR ADDITIONAL SIZES, RISERS AND RATINGS,  
SEE SHEET 10

#### PANEL HEIGHT AND D.L.O. FORMULA

PANEL HEIGHT = UNIT HEIGHT - 1 9/16"

MAXIMUM D.L.O. HEIGHT = PANEL HEIGHT - 9 1/2"

D.L.O. WIDTH = NOMINAL PANEL WIDTH - 9 1/2"

**PRODUCT REVISED**  
as complying with the Florida  
Building Code

NOA-No. 20-0814.03

Expiration Date 03/31/2026

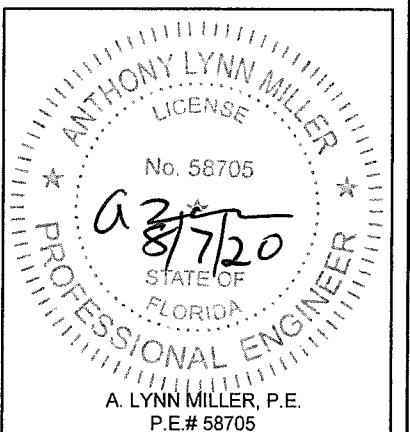
By Ishag I. Chanda  
Miami-Dade Product Control

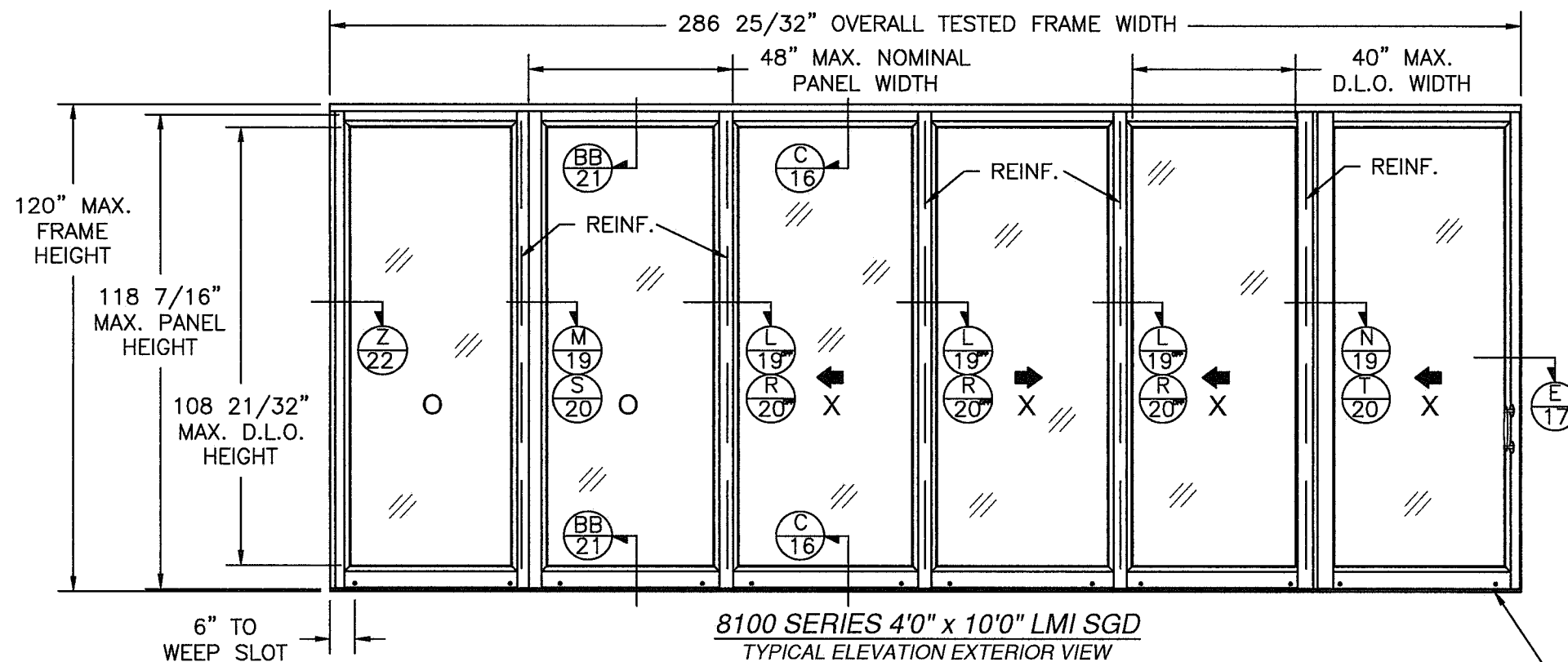
NO CHANGES THIS SHEET.

PREPARED BY A. LYNN MILLER  
1070 TECHNOLOGY DRIVE  
N. VENICE, FL 34275  
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REGISTRATION #29296

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WINDOOR INCORPORATED  
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(833) 554-5432

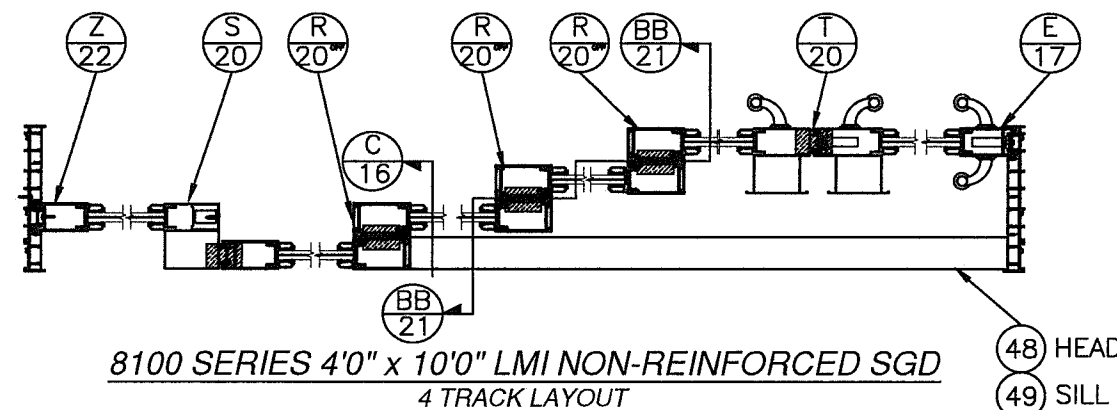
| Rev.                               | Date      | By           | DWG     | Sheet    | Series                            |
|------------------------------------|-----------|--------------|---------|----------|-----------------------------------|
| 08/05/20                           | ERIN KOSS | 8100-LMI-NOA | 4 OF 35 | SGD8100A | ALUMINUM SLIDING GLASS DOOR (LMI) |
| ELEV. & DP @ MAX SIZE - 5'x8'2" 3T |           |              |         |          |                                   |





(6) PANELS SHOWN. UNLIMITED NUMBER OF PANELS IN UNLIMITED CONFIGURATIONS IS APPLICABLE AS LONG AS INDIVIDUAL PANEL SIZE DOES NOT EXCEED MAXIMUM PANEL SIZE AND USE VERTICAL CONDITIONS AS SHOWN. MAXIMUM AREA OF ALTERNATE SIZES MUST NOT EXCEED FRAME AREA OF 360 SQ.FT.

WEEP SLOT 1" x .1875" TYP. LOCATED AT ALL VERTICAL CENTER LINES

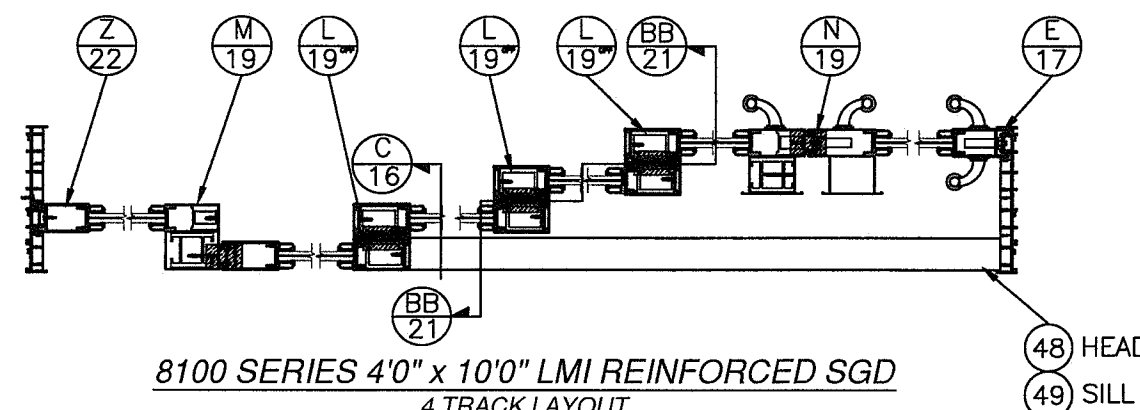


**8100 SERIES 4'0" x 10'0" LMI NON-REINFORCED SGD**  
4 TRACK LAYOUT

NON-REINFORCED UNIT W/ 3", 3-1/2" & 4-1/4" SILL RISERS

| DESIGN PRESSURE RATING | IMPACT RATING        |
|------------------------|----------------------|
| ±70.0PSF               | LARGE MISSILE IMPACT |

FOR WOOD, MASONRY/CONCRETE & METAL INSTALLATION  
FOR ADDITIONAL SIZES, RISERS AND RATINGS,  
SEE SHEET 9



**8100 SERIES 4'0" x 10'0" LMI REINFORCED SGD**  
4 TRACK LAYOUT

REINFORCED UNIT W/ 4-1/4" SILL RISER

| DESIGN PRESSURE RATING | IMPACT RATING        |
|------------------------|----------------------|
| ±110.0PSF              | LARGE MISSILE IMPACT |

FOR MASONRY/CONCRETE & METAL INSTALLATION  
FOR ADDITIONAL SIZES, RISERS AND RATINGS,  
SEE SHEET 10

REINFORCED UNIT W/ 3", 3-1/2" & 4-1/4" SILL RISERS

| DESIGN PRESSURE RATING | IMPACT RATING        |
|------------------------|----------------------|
| ±72.0PSF               | LARGE MISSILE IMPACT |

FOR WOOD INSTALLATION  
FOR ADDITIONAL SIZES, RISERS AND RATINGS,  
SEE SHEET 10

#### PANEL HEIGHT AND D.L.O. FORMULA

PANEL HEIGHT = UNIT HEIGHT - 1 9/16"

MAXIMUM D.L.O. HEIGHT = PANEL HEIGHT - 9 1/2"

D.L.O. WIDTH = NOMINAL PANEL WIDTH - 9 1/2"

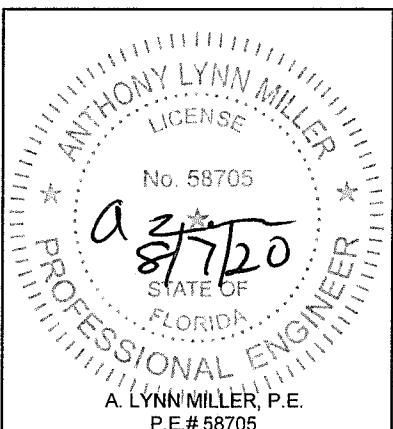
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0814.03  
Expiration Date 03/31/2026  
By *Ishag I. Chande*  
Miami-Dade Product Control

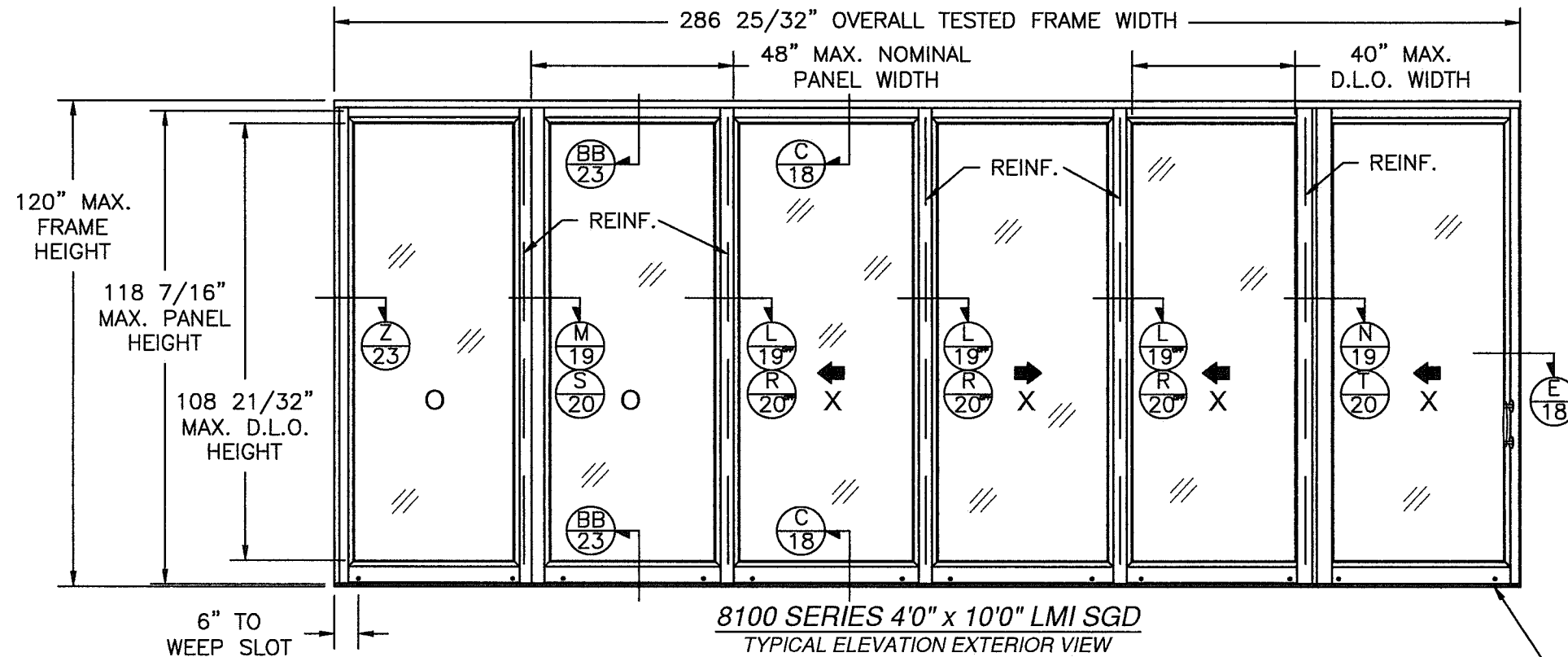
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1070 TECHNOLOGY DRIVE  
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(941) 480-1600  
REGISTRATION #29296

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(833) 554-5432

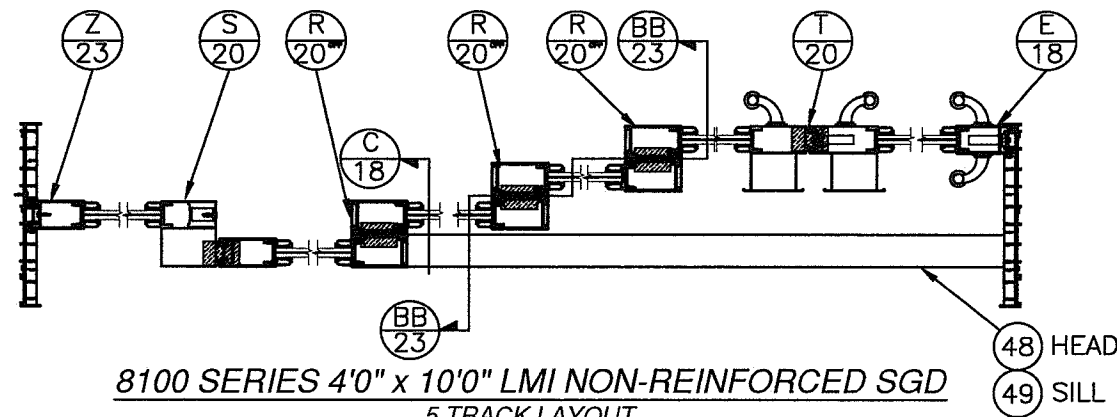
| Rev. | Date     | By        | DWG No.      | Sheet   | Series   |
|------|----------|-----------|--------------|---------|----------|
|      | 08/05/20 | ERIN KOSS | 8100-LMI-NOA | 5 OF 35 | SGD8100A |





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WEEP SLOT 1" x .1875" TYP. LOCATED AT ALL VERTICAL CENTER LINES

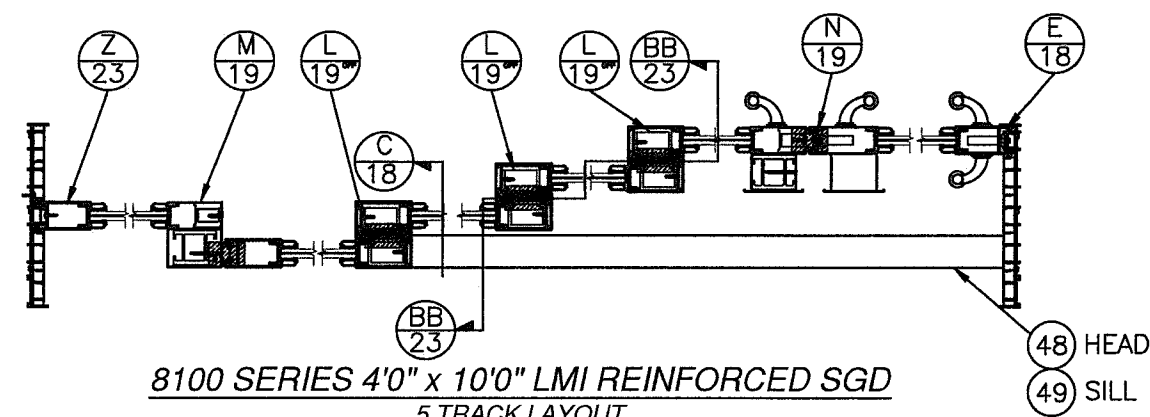


8100 SERIES 4'0" x 10'0" LMI NON-REINFORCED SGD  
5 TRACK LAYOUT

NON-REINFORCED UNIT W/ 3", 3-1/2" & 4-1/4" SILL RISERS

| DESIGN PRESSURE RATING | IMPACT RATING        |
|------------------------|----------------------|
| ±70.0PSF               | LARGE MISSILE IMPACT |

FOR WOOD, MASONRY/CONCRETE & METAL INSTALLATION  
FOR ADDITIONAL SIZES, RISERS AND RATINGS,  
SEE SHEET 9



8100 SERIES 4'0" x 10'0" LMI REINFORCED SGD  
5 TRACK LAYOUT

REINFORCED UNIT W/ 4-1/4" SILL RISER

| DESIGN PRESSURE RATING | IMPACT RATING        |
|------------------------|----------------------|
| ±110.0PSF              | LARGE MISSILE IMPACT |

FOR MASONRY/CONCRETE & METAL INSTALLATION  
FOR ADDITIONAL SIZES, RISERS AND RATINGS,  
SEE SHEET 10

REINFORCED UNIT W/ 3", 3-1/2" & 4-1/4" SILL RISERS

| DESIGN PRESSURE RATING | IMPACT RATING        |
|------------------------|----------------------|
| ±72.0PSF               | LARGE MISSILE IMPACT |

FOR WOOD INSTALLATION  
FOR ADDITIONAL SIZES, RISERS AND RATINGS,  
SEE SHEET 10

#### PANEL HEIGHT AND D.L.O. FORMULA

PANEL HEIGHT = UNIT HEIGHT - 1 9/16"

MAXIMUM D.L.O. HEIGHT = PANEL HEIGHT - 9 1/2"

D.L.O. WIDTH = NOMINAL PANEL WIDTH - 9 1/2"

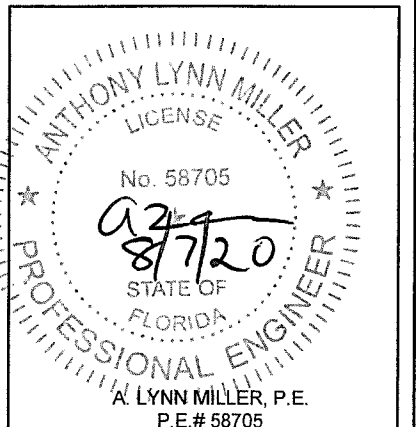
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0814.03  
Expiration Date 03/31/2026  
By Ishag I. Chande  
Miami-Dade Product Control

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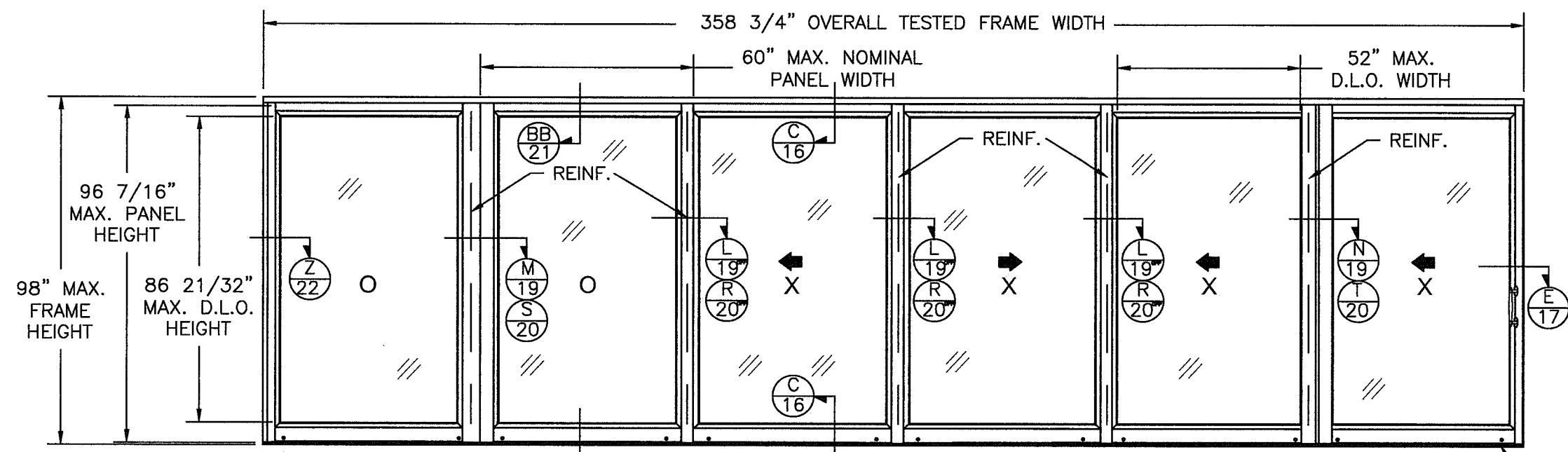
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REGISTRATION #29296

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| Rev. | Date     | By        | DWG No.      | Sheet   | Series   |
|------|----------|-----------|--------------|---------|----------|
|      | 08/05/20 | ERIN KOSS | 8100-LMI-NOA | 6 OF 35 | SGD8100A |



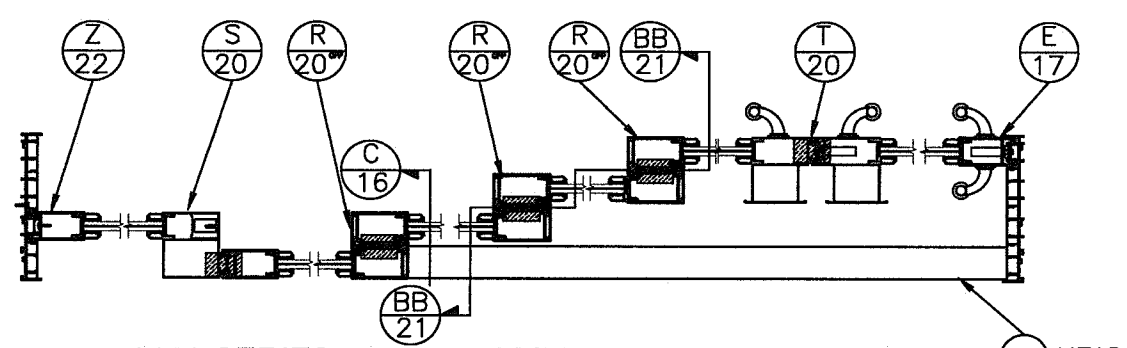




**8100 SERIES 5'0" x 8'2" LMI SGD**  
TYPICAL ELEVATION EXTERIOR VIEW

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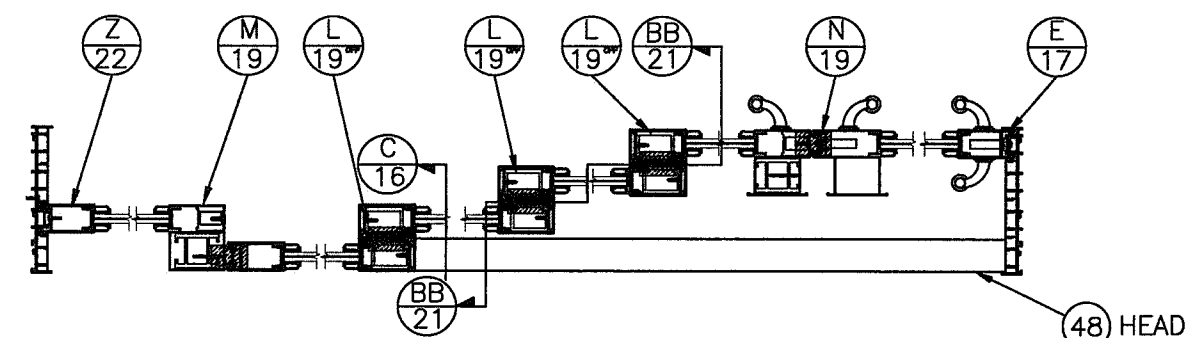


**8100 SERIES 5'0" x 8'2" LMI NON-REINFORCED SGD**  
4 TRACK LAYOUT

NON-REINFORCED UNIT W/ 3", 3-1/2" & 4-1/4" SILL RISERS

| DESIGN PRESSURE RATING | IMPACT RATING        |
|------------------------|----------------------|
| ±70.0PSF               | LARGE MISSILE IMPACT |

FOR WOOD, MASONRY/CONCRETE & METAL INSTALLATION  
FOR ADDITIONAL SIZES, RISERS AND RATINGS,  
SEE SHEET 9



**8100 SERIES 5'0" x 8'2" LMI REINFORCED SGD**  
4 TRACK LAYOUT

REINFORCED UNIT W/ 4-1/4" SILL RISER

| DESIGN PRESSURE RATING | IMPACT RATING        |
|------------------------|----------------------|
| ±110.0PSF              | LARGE MISSILE IMPACT |

FOR MASONRY/CONCRETE & METAL INSTALLATION  
FOR ADDITIONAL SIZES, RISERS AND RATINGS,  
SEE SHEET 10

REINFORCED UNIT W/ 3-1/2" & 4-1/4" SILL RISERS

| DESIGN PRESSURE RATING | IMPACT RATING        |
|------------------------|----------------------|
| ±81.3PSF               | LARGE MISSILE IMPACT |

FOR WOOD INSTALLATION  
FOR ADDITIONAL SIZES, RISERS AND RATINGS,  
SEE SHEET 10

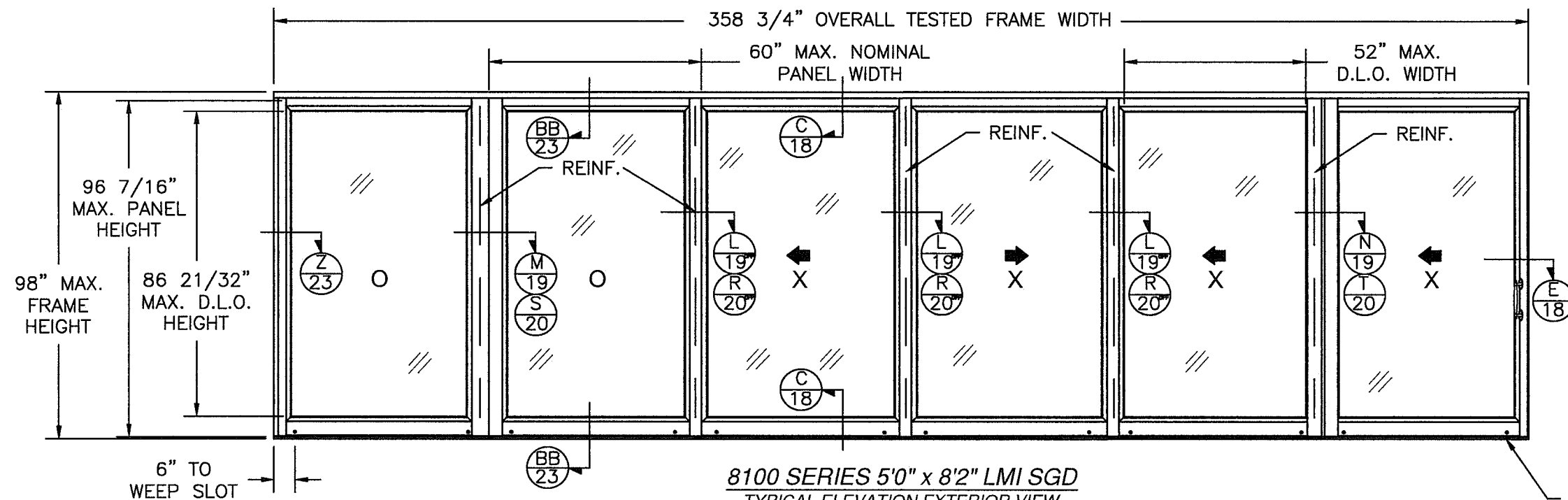
**PANEL HEIGHT AND D.L.O. FORMULA**  
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MAXIMUM D.L.O. HEIGHT = PANEL HEIGHT - 9 1/2"  
D.L.O. WIDTH = NOMINAL PANEL WIDTH - 9 1/2"

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 20-0814.03  
Expiration Date 03/31/2026  
By Ishag I. Chande  
Miami-Dade Product Control

NO CHANGES THIS SHEET.

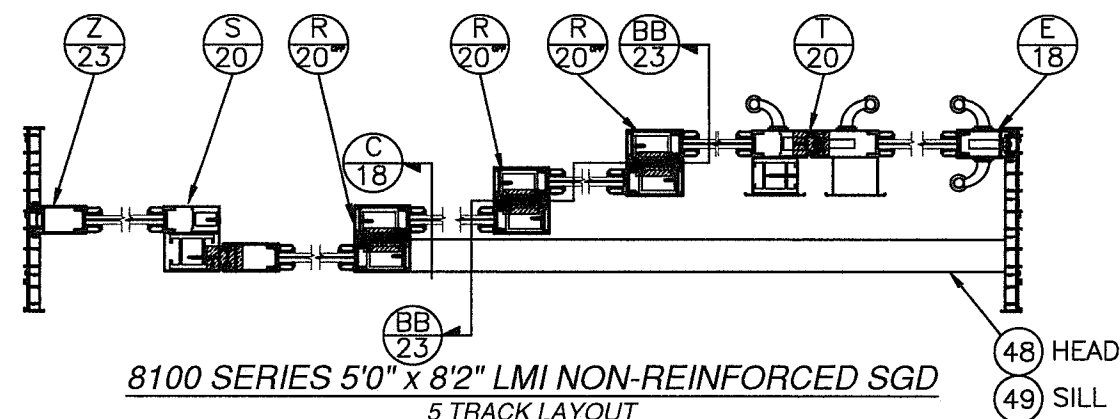
|   |   |   |                       |
|---|---|---|-----------------------|
| <b>WinDoor®</b><br>INCORPORATED<br>WINDOOR INCORPORATED<br>104 TRIPLE DIAMOND BLVD.<br>NORTH VENICE, FL 34275<br>(833) 554-5432 | PREPARED BY A. LYNN MILLER<br>1070 TECHNOLOGY DRIVE<br>N. VENICE, FL 34275<br>(941) 480-1600<br>REGISTRATION #29296 | Date<br>08/05/20                            | Rev.<br>              |
|   |   | Title<br>ALUMINUM SLIDING GLASS DOOR (LM)   | Drawn By<br>ERIN KOSS |
|   |   | Desc.<br>ELEV. & DP @ MAX SIZE - 5'x8'2" 4T | No.<br>8100-LMI-NOA   |
|   |   | Sheet<br>SGD8100A                           | 7 OF 35               |

ANTHONY LYNN MILLER  
 LICENSE  
 No. 58705  
 02/8/20  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER  
 A. LYNN MILLER, P.E.  
 P.E.# 58705



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WEEP SLOT 1" x .1875" TYP. LOCATED AT ALL VERTICAL CENTER LINES

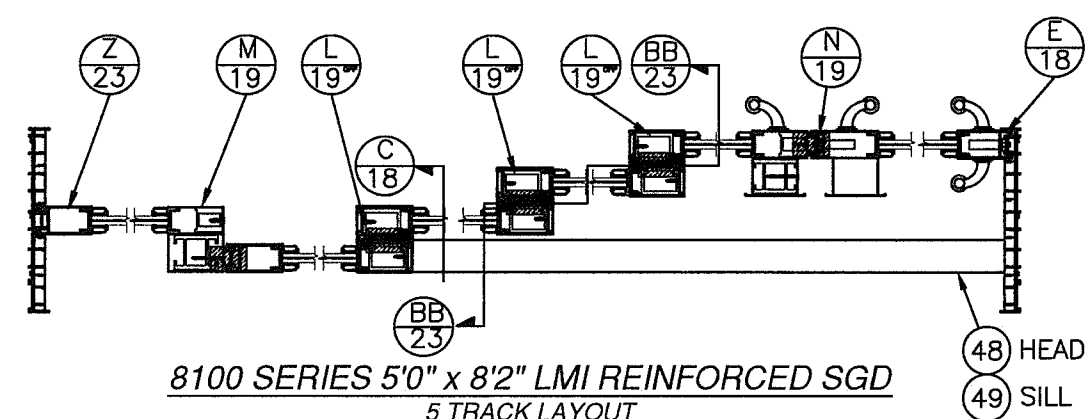


8100 SERIES 5'0" x 8'2" LMI NON-REINFORCED SGD  
5 TRACK LAYOUT

NON-REINFORCED UNIT W/ 3", 3-1/2" & 4-1/4" SILL RISERS

| DESIGN PRESSURE RATING | IMPACT RATING        |
|------------------------|----------------------|
| ±70.0PSF               | LARGE MISSILE IMPACT |

FOR WOOD, MASONRY/CONCRETE & METAL INSTALLATION  
FOR ADDITIONAL SIZES, RISERS AND RATINGS,  
SEE SHEET 9



8100 SERIES 5'0" x 8'2" LMI REINFORCED SGD  
5 TRACK LAYOUT

REINFORCED UNIT W/ 4-1/4" SILL RISER

| DESIGN PRESSURE RATING | IMPACT RATING        |
|------------------------|----------------------|
| ±110.0PSF              | LARGE MISSILE IMPACT |

FOR MASONRY/CONCRETE & METAL INSTALLATION  
FOR ADDITIONAL SIZES, RISERS AND RATINGS,  
SEE SHEET 10

REINFORCED UNIT W/ 3-1/2" & 4-1/4" SILL RISERS

| DESIGN PRESSURE RATING | IMPACT RATING        |
|------------------------|----------------------|
| ±81.3PSF               | LARGE MISSILE IMPACT |

FOR WOOD INSTALLATION  
FOR ADDITIONAL SIZES, RISERS AND RATINGS,  
SEE SHEET 10

# PANEL HEIGHT AND D.L.O. FORMULA

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MAXIMUM D.L.O. HEIGHT = PANEL HEIGHT - 9 1/2"

D.L.O. WIDTH = NOMINAL PANEL WIDTH - 9 1/2"

**PRODUCT REVISED**  
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Building Code

NOA-No. 20-0814.03

Expiration Date 03/31/2026

By Ishaq I. Chandra  
Miami-Dade Product Control

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REGISTRATION #29296

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ALUMINUM SLIDING GLASS DOOR (LM)

ELEV. & DP @ MAX SIZE - 5'x8'2" 5T

SGD8100A

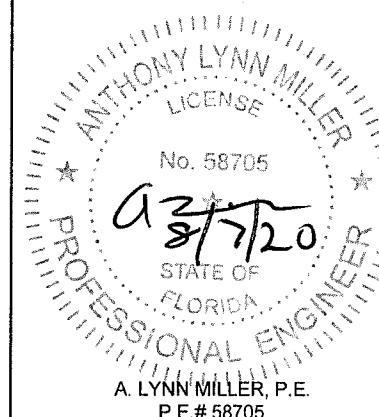
Date 08/05/20

By ERIN KOSS

DWG No. 8100-LMI-NOA

8 OF 35

Sheet



# NON-REINFORCED: GLAZING OPTIONS E, F, G, H, I & J

## FOR MASONRY/CONCRETE OR METAL INSTALLATION

### 1-3/4" SILL RISER

| Maximum Design Pressure Capacity Chart (psf) |                  |       |      |       |      |       |      |       |      |       |      |      |      |      |
|--|------------------|-------|------|-------|------|-------|------|-------|------|-------|------|------|------|------|
| Frame Height (in)                            | Panel Width (in) |       |      |       |      |       |      |       |      |       |      |      |      |      |
|  | 24.0             |       | 30.0 |       | 36.0 |       | 42.0 |       | 48.0 |       | 54.0 |      | 60.0 |      |
|  | Pos              | Neg   | Pos  | Neg   | Pos  | Neg   | Pos  | Neg   | Pos  | Neg   | Pos  | Neg  | Pos  | Neg  |
| 80.0   | 45.0             | 100.0 | 45.0 | 100.0 | 45.0 | 100.0 | 45.0 | 100.0 | 45.0 | 100.0 | 45.0 | 99.8 | 45.0 | 95.2 |
| 84.0   | 45.0             | 100.0 | 45.0 | 100.0 | 45.0 | 100.0 | 45.0 | 100.0 | 45.0 | 100.0 | 45.0 | 92.8 | 45.0 | 88.1 |
| 96.0   | 45.0             | 100.0 | 45.0 | 100.0 | 45.0 | 100.0 | 45.0 | 100.0 | 45.0 | 93.3  | 45.0 | 76.7 | 45.0 | 72.1 |
| 98.0   | 45.0             | 100.0 | 45.0 | 100.0 | 45.0 | 100.0 | 45.0 | 99.7  | 45.0 | 90.8  | 45.0 | 74.5 | 45.0 | 70.0 |
| 108.0  | 45.0             | 100.0 | 45.0 | 100.0 | 45.0 | 99.6  | 45.0 | 88.3  | 45.0 | 80.0  | -    | -    | -    | -    |
| 114.0  | 45.0             | 100.0 | 45.0 | 100.0 | 45.0 | 93.3  | 45.0 | 82.6  | 45.0 | 74.7  | -    | -    | -    | -    |
| 120.0  | 45.0             | 100.0 | 45.0 | 100.0 | 45.0 | 87.8  | 45.0 | 77.6  | 45.0 | 70.0  | -    | -    | -    | -    |

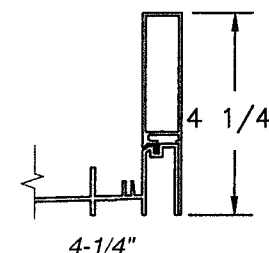
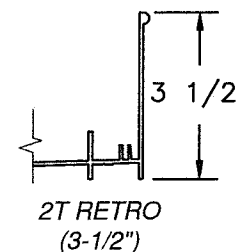
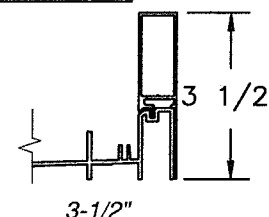
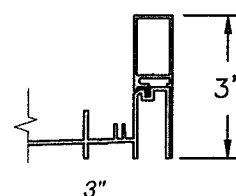
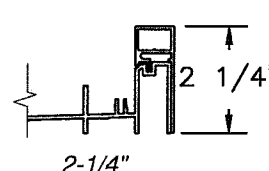
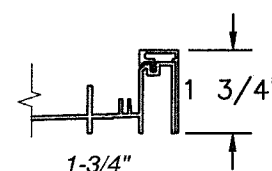
### 2-1/4" SILL RISER

| Maximum Design Pressure Capacity Chart (psf) |                  |       |      |       |      |       |      |       |      |       |      |      |      |      |
|--|------------------|-------|------|-------|------|-------|------|-------|------|-------|------|------|------|------|
| Frame Height (in)                            | Panel Width (in) |       |      |       |      |       |      |       |      |       |      |      |      |      |
|  | 24.0             |       | 30.0 |       | 36.0 |       | 42.0 |       | 48.0 |       | 54.0 |      | 60.0 |      |
|  | Pos              | Neg   | Pos  | Neg   | Pos  | Neg   | Pos  | Neg   | Pos  | Neg   | Pos  | Neg  | Pos  | Neg  |
| 80.0   | 60.0             | 100.0 | 60.0 | 100.0 | 60.0 | 100.0 | 60.0 | 100.0 | 60.0 | 100.0 | 60.0 | 99.8 | 60.0 | 95.2 |
| 84.0   | 60.0             | 100.0 | 60.0 | 100.0 | 60.0 | 100.0 | 60.0 | 100.0 | 60.0 | 100.0 | 60.0 | 92.8 | 60.0 | 88.1 |
| 96.0   | 60.0             | 100.0 | 60.0 | 100.0 | 60.0 | 100.0 | 60.0 | 100.0 | 60.0 | 93.3  | 60.0 | 76.7 | 60.0 | 72.1 |
| 98.0   | 60.0             | 100.0 | 60.0 | 100.0 | 60.0 | 100.0 | 60.0 | 99.7  | 60.0 | 90.8  | 60.0 | 74.5 | 60.0 | 70.0 |
| 108.0  | 60.0             | 100.0 | 60.0 | 100.0 | 60.0 | 99.6  | 60.0 | 88.3  | 60.0 | 80.0  | -    | -    | -    | -    |
| 114.0  | 60.0             | 100.0 | 60.0 | 100.0 | 60.0 | 93.3  | 60.0 | 82.6  | 60.0 | 74.7  | -    | -    | -    | -    |
| 120.0  | 60.0             | 100.0 | 60.0 | 100.0 | 60.0 | 87.8  | 60.0 | 77.6  | 60.0 | 70.0  | -    | -    | -    | -    |

### 3", 3-1/2" & 4-1/4" SILL RISERS

| Maximum Design Pressure Capacity Chart (psf) |                  |       |      |       |      |       |      |       |      |       |      |      |      |      |
|--|------------------|-------|------|-------|------|-------|------|-------|------|-------|------|------|------|------|
| Frame Height (in)                            | Panel Width (in) |       |      |       |      |       |      |       |      |       |      |      |      |      |
|  | 24.0             |       | 30.0 |       | 36.0 |       | 42.0 |       | 48.0 |       | 54.0 |      | 60.0 |      |
|  | Pos              | Neg   | Pos  | Neg   | Pos  | Neg   | Pos  | Neg   | Pos  | Neg   | Pos  | Neg  | Pos  | Neg  |
| 80.0   | 80.0             | 100.0 | 80.0 | 100.0 | 80.0 | 100.0 | 80.0 | 100.0 | 80.0 | 100.0 | 80.0 | 99.8 | 80.0 | 95.2 |
| 84.0   | 80.0             | 100.0 | 80.0 | 100.0 | 80.0 | 100.0 | 80.0 | 100.0 | 80.0 | 100.0 | 80.0 | 92.8 | 80.0 | 88.1 |
| 96.0   | 80.0             | 100.0 | 80.0 | 100.0 | 80.0 | 100.0 | 80.0 | 100.0 | 80.0 | 93.3  | 76.7 | 76.7 | 72.1 | 72.1 |
| 98.0   | 80.0             | 100.0 | 80.0 | 100.0 | 80.0 | 100.0 | 80.0 | 99.7  | 80.0 | 90.8  | 74.5 | 74.5 | 70.0 | 70.0 |
| 108.0  | 80.0             | 100.0 | 80.0 | 100.0 | 80.0 | 99.6  | 80.0 | 88.3  | 80.0 | 80.0  | -    | -    | -    | -    |
| 114.0  | 80.0             | 100.0 | 80.0 | 100.0 | 80.0 | 93.3  | 80.0 | 82.6  | 74.7 | 74.7  | -    | -    | -    | -    |
| 120.0  | 80.0             | 100.0 | 80.0 | 100.0 | 80.0 | 87.8  | 77.6 | 77.6  | 70.0 | 70.0  | -    | -    | -    | -    |

PANEL HEIGHT AND D.L.O. FORMULA  
 PANEL HEIGHT = UNIT HEIGHT - 1 9/16"  
 MAXIMUM D.L.O. HEIGHT = PANEL HEIGHT - 9 1/2"  
 D.L.O. WIDTH = NOMINAL PANEL WIDTH - 9 1/2"



### APPROVED SILL RISERS

## FOR WOOD INSTALLATION

### 1-3/4" SILL RISER

| Maximum Design Pressure Capacity Chart (psf) |                  |       |      |       |      |       |      |       |      |       |      |      |      |      |
|--|------------------|-------|------|-------|------|-------|------|-------|------|-------|------|------|------|------|
| Frame Height (in)                            | Panel Width (in) |       |      |       |      |       |      |       |      |       |      |      |      |      |
|  | 24.0             |       | 30.0 |       | 36.0 |       | 42.0 |       | 48.0 |       | 54.0 |      | 60.0 |      |
|  | Pos              | Neg   | Pos  | Neg   | Pos  | Neg   | Pos  | Neg   | Pos  | Neg   | Pos  | Neg  | Pos  | Neg  |
| 80.0   | 45.0             | 100.0 | 45.0 | 100.0 | 45.0 | 100.0 | 45.0 | 100.0 | 45.0 | 100.0 | 45.0 | 99.8 | 45.0 | 92.2 |
| 84.0   | 45.0             | 100.0 | 45.0 | 100.0 | 45.0 | 100.0 | 45.0 | 100.0 | 45.0 | 100.0 | 45.0 | 92.8 | 45.0 | 88.1 |
| 96.0   | 45.0             | 100.0 | 45.0 | 91.0  | 45.0 | 100.0 | 45.0 | 100.0 | 45.0 | 93.3  | 45.0 | 76.7 | 45.0 | 72.1 |
| 98.0   | 45.0             | 100.0 | 45.0 | 88.8  | 45.0 | 100.0 | 45.0 | 99.7  | 45.0 | 90.8  | 45.0 | 74.5 | 45.0 | 70.0 |
| 108.0  | 45.0             | 96.0  | 45.0 | 79.3  | 45.0 | 99.6  | 45.0 | 88.3  | 45.0 | 80.0  | -    | -    | -    | -    |
| 114.0  | 45.0             | 90.4  | 45.0 | 74.5  | 45.0 | 93.3  | 45.0 | 82.6  | 45.0 | 74.7  | -    | -    | -    | -    |
| 120.0  | 45.0             | 85.3  | 45.0 | 70.2  | 45.0 | 87.8  | 45.0 | 77.6  | 45.0 | 70.0  | -    | -    | -    | -    |

### 2-1/4" SILL RISER

| Maximum Design Pressure Capacity Chart (psf) |                  |       |      |       |      |       |      |       |      |       |      |      |      |      |
|--|------------------|-------|------|-------|------|-------|------|-------|------|-------|------|------|------|------|
| Frame Height (in)                            | Panel Width (in) |       |      |       |      |       |      |       |      |       |      |      |      |      |
|  | 24.0             |       | 30.0 |       | 36.0 |       | 42.0 |       | 48.0 |       | 54.0 |      | 60.0 |      |
|  | Pos              | Neg   | Pos  | Neg   | Pos  | Neg   | Pos  | Neg   | Pos  | Neg   | Pos  | Neg  | Pos  | Neg  |
| 80.0   | 60.0             | 100.0 | 60.0 | 100.0 | 60.0 | 100.0 | 60.0 | 100.0 | 60.0 | 100.0 | 60.0 | 99.8 | 60.0 | 92.2 |
| 84.0   | 60.0             | 100.0 | 60.0 | 100.0 | 60.0 | 100.0 | 60.0 | 100.0 | 60.0 | 100.0 | 60.0 | 92.8 | 60.0 | 88.1 |
| 96.0   | 60.0             | 100.0 | 60.0 | 91.0  | 60.0 | 100.0 | 60.0 | 100.0 | 60.0 | 93.3  | 60.0 | 76.7 | 60.0 | 72.1 |
| 98.0   | 60.0             | 100.0 | 60.0 | 88.8  | 60.0 | 100.0 | 60.0 | 99.7  | 60.0 | 90.8  | 60.0 | 74.5 | 60.0 | 70.0 |
| 108.0  | 60.0             | 96.0  | 60.0 | 79.3  | 60.0 | 99.6  | 60.0 | 88.3  | 60.0 | 80.0  | -    | -    | -    | -    |
| 114.0  | 60.0             | 90.4  | 60.0 | 74.5  | 60.0 | 93.3  | 60.0 | 82.6  | 60.0 | 74.7  | -    | -    | -    | -    |
| 120.0  | 60.0             | 85.3  | 60.0 | 70.2  | 60.0 | 87.8  | 60.0 | 77.6  | 60.0 | 70.0  | -    | -    | -    | -    |

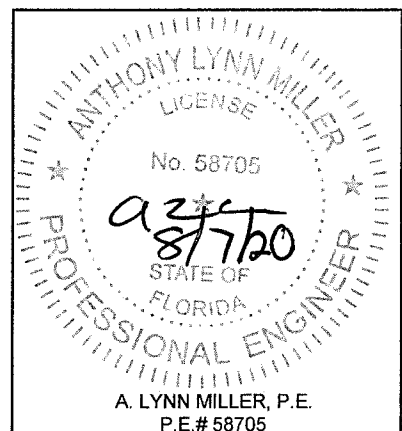
### 3", 3-1/2" & 4-1/4" SILL RISERS

| Maximum Design Pressure Capacity Chart (psf) |                  |       |      |       |      |       |      |       |      |       |      |      |      |      |
|--|------------------|-------|------|-------|------|-------|------|-------|------|-------|------|------|------|------|
| Frame Height (in)                            | Panel Width (in) |       |      |       |      |       |      |       |      |       |      |      |      |      |
|  | 24.0             |       | 30.0 |       | 36.0 |       | 42.0 |       | 48.0 |       | 54.0 |      | 60.0 |      |
|  | Pos              | Neg   | Pos  | Neg   | Pos  | Neg   | Pos  | Neg   | Pos  | Neg   | Pos  | Neg  | Pos  | Neg  |
| 80.0   | 80.0             | 100.0 | 80.0 | 100.0 | 80.0 | 100.0 | 80.0 | 100.0 | 80.0 | 100.0 | 80.0 | 99.8 | 80.0 | 92.2 |
| 84.0   | 80.0             | 100.0 | 80.0 | 100.0 | 80.0 | 100.0 | 80.0 | 100.0 | 80.0 | 100.0 | 80.0 | 92.8 | 80.0 | 88.1 |
| 96.0   | 80.0             | 100.0 | 80.0 | 91.0  | 80.0 | 100.0 | 80.0 | 100.0 | 80.0 | 93.3  | 76.7 | 76.7 | 72.1 | 72.1 |
| 98.0   | 80.0             | 100.0 | 80.0 | 88.8  | 80.0 | 100.0 | 80.0 | 99.7  | 80.0 | 90.8  | 74.5 | 74.5 | 70.0 | 70.0 |
| 108.0  | 80.0             | 96.0  | 79.3 | 79.3  | 80.0 | 99.6  | 80.0 | 88.3  | 80.0 | 80.0  | -    | -    | -    | -    |
| 114.0  | 80.0             | 90.4  | 74.5 | 74.5  | 80.0 | 93.3  | 80.0 | 82.6  | 74.7 | 74.7  | -    | -    | -    | -    |
| 120.0  | 80.0             | 85.3  | 70.2 | 70.2  | 80.0 | 87.8  | 77.6 | 77.6  | 70.0 | 70.0  | -    | -    | -    | -    |

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 NOA-No. 20-0814.03  
 Expiration Date 03/31/2026  
 By *Ismael L. Chanda*  
 Miami-Dade Product Control

ADDED 3-1/2" & 4-1/4"  
 RISERS.

|  |             |  |  |                             |  |  |  |  |  |  |
|--|-------------|--|--|-----------------------------|--|--|--|--|--|--|
| PREPARED BY A. LYNN MILLER<br>1070 TECHNOLOGY DRIVE<br>N. VENICE, FL 34275<br>(941) 480-1600<br>REGISTRATION #29296      | 08/05/20    |  | ERIN KOSS<br>By<br>ERIN KOSS<br>No. 8100-LMI-NOA | 9 OF 35<br>Sheet<br>SG8100A |  |  |  |  |  |  |
|  | Date        |  |  |                             |  |  |  |  |  |  |
|  | Title       |  |  |                             |  |  |  |  |  |  |
|  | Description |  |  |                             |  |  |  |  |  |  |
| WINDOOR®<br>INCORPORATED<br>WINDOOR INCORPORATED<br>104 TRIPLE DIAMOND BLVD.<br>NORTH VENICE, FL 34275<br>(833) 554-5432 |             |  |  |                             |  |  |  |  |  |  |
| ALUMINUM SLIDING GLASS DOOR (LM)<br>DP CHARTS - NON-REINFORCED   |             |  |  |                             |  |  |  |  |  |  |





# REINFORCED: GLAZING OPTIONS A, B, C & D

## FOR MASONRY/CONCRETE OR METAL INSTALLATION

### 3" SILL RISER

| Maximum Design Pressure Capacity Chart (psf) |                  |       |      |       |      |       |      |       |      |       |      |       |      |       |
|--|------------------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
| Frame Height (in)                            | Panel Width (in) |       |      |       |      |       |      |       |      |       |      |       |      |       |
|  | 24.0             |       | 30.0 |       | 36.0 |       | 42.0 |       | 48.0 |       | 54.0 |       | 60.0 |       |
|  | Pos              | Neg   | Pos  | Neg   | Pos  | Neg   | Pos  | Neg   | Pos  | Neg   | Pos  | Neg   | Pos  | Neg   |
| 80.0   | 80.0             | 150.0 | 80.0 | 150.0 | 80.0 | 150.0 | 80.0 | 150.0 | 80.0 | 150.0 | 80.0 | 150.0 | 80.0 | 149.6 |
| 84.0   | 80.0             | 150.0 | 80.0 | 150.0 | 80.0 | 150.0 | 80.0 | 150.0 | 80.0 | 150.0 | 80.0 | 145.8 | 80.0 | 138.5 |
| 96.0   | 80.0             | 150.0 | 80.0 | 150.0 | 80.0 | 150.0 | 80.0 | 150.0 | 80.0 | 146.7 | 80.0 | 120.5 | 80.0 | 113.3 |
| 98.0   | 80.0             | 150.0 | 80.0 | 150.0 | 80.0 | 150.0 | 80.0 | 150.0 | 80.0 | 142.7 | 80.0 | 117.1 | 80.0 | 110.0 |
| 108.0  | 80.0             | 150.0 | 80.0 | 150.0 | 80.0 | 150.0 | 80.0 | 138.7 | 80.0 | 125.7 | -    | -     | -    | -     |
| 114.0  | 80.0             | 150.0 | 80.0 | 150.0 | 80.0 | 146.7 | 80.0 | 129.8 | 80.0 | 117.3 | -    | -     | -    | -     |
| 120.0  | 80.0             | 150.0 | 80.0 | 150.0 | 80.0 | 138.0 | 80.0 | 121.9 | 80.0 | 110.0 | -    | -     | -    | -     |

### 3-1/2" SILL RISER

| Maximum Design Pressure Capacity Chart (psf) |                  |       |       |       |       |       |       |       |       |       |       |       |       |       |
|--|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Frame Height (in)                            | Panel Width (in) |       |       |       |       |       |       |       |       |       |       |       |       |       |
|  | 24.0             |       | 30.0  |       | 36.0  |       | 42.0  |       | 48.0  |       | 54.0  |       | 60.0  |       |
|  | Pos              | Neg   | Pos   | Neg   | Pos   | Neg   | Pos   | Neg   | Pos   | Neg   | Pos   | Neg   | Pos   | Neg   |
| 80.0   | 100.0            | 150.0 | 100.0 | 150.0 | 100.0 | 150.0 | 100.0 | 150.0 | 100.0 | 150.0 | 100.0 | 150.0 | 100.0 | 149.6 |
| 84.0   | 100.0            | 150.0 | 100.0 | 150.0 | 100.0 | 150.0 | 100.0 | 150.0 | 100.0 | 150.0 | 100.0 | 145.8 | 100.0 | 138.5 |
| 96.0   | 100.0            | 150.0 | 100.0 | 150.0 | 100.0 | 150.0 | 100.0 | 150.0 | 100.0 | 146.7 | 100.0 | 120.5 | 100.0 | 113.3 |
| 98.0   | 100.0            | 150.0 | 100.0 | 150.0 | 100.0 | 150.0 | 100.0 | 150.0 | 100.0 | 142.7 | 100.0 | 117.1 | 100.0 | 110.0 |
| 108.0  | 100.0            | 150.0 | 100.0 | 150.0 | 100.0 | 150.0 | 100.0 | 138.7 | 100.0 | 125.7 | -     | -     | -     | -     |
| 114.0  | 100.0            | 150.0 | 100.0 | 150.0 | 100.0 | 146.7 | 100.0 | 129.8 | 100.0 | 117.3 | -     | -     | -     | -     |
| 120.0  | 100.0            | 150.0 | 100.0 | 150.0 | 100.0 | 138.0 | 100.0 | 121.9 | 100.0 | 110.0 | -     | -     | -     | -     |

### 4-1/4" SILL RISER

| Maximum Design Pressure Capacity Chart (psf) |                  |       |       |       |       |       |       |       |       |       |       |       |       |       |
|--|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Frame Height (in)                            | Panel Width (in) |       |       |       |       |       |       |       |       |       |       |       |       |       |
|  | 24.0             |       | 30.0  |       | 36.0  |       | 42.0  |       | 48.0  |       | 54.0  |       | 60.0  |       |
|  | Pos              | Neg   | Pos   | Neg   | Pos   | Neg   | Pos   | Neg   | Pos   | Neg   | Pos   | Neg   | Pos   | Neg   |
| 80.0   | 110.0            | 150.0 | 110.0 | 150.0 | 110.0 | 150.0 | 110.0 | 150.0 | 110.0 | 150.0 | 110.0 | 150.0 | 110.0 | 149.6 |
| 84.0   | 110.0            | 150.0 | 110.0 | 150.0 | 110.0 | 150.0 | 110.0 | 150.0 | 110.0 | 150.0 | 110.0 | 145.8 | 110.0 | 138.5 |
| 96.0   | 110.0            | 150.0 | 110.0 | 150.0 | 110.0 | 150.0 | 110.0 | 150.0 | 110.0 | 146.7 | 110.0 | 120.5 | 110.0 | 113.3 |
| 98.0   | 110.0            | 150.0 | 110.0 | 150.0 | 110.0 | 150.0 | 110.0 | 150.0 | 110.0 | 142.7 | 110.0 | 117.1 | 110.0 | 110.0 |
| 108.0  | 110.0            | 150.0 | 110.0 | 150.0 | 110.0 | 150.0 | 110.0 | 138.7 | 110.0 | 125.7 | -     | -     | -     | -     |
| 114.0  | 110.0            | 150.0 | 110.0 | 150.0 | 110.0 | 146.7 | 110.0 | 129.8 | 110.0 | 117.3 | -     | -     | -     | -     |
| 120.0  | 110.0            | 150.0 | 110.0 | 150.0 | 110.0 | 138.0 | 110.0 | 121.9 | 110.0 | 110.0 | -     | -     | -     | -     |

PANEL HEIGHT AND D.L.O. FORMULA

PANEL HEIGHT = UNIT HEIGHT - 1 9/16"

MAXIMUM D.L.O. HEIGHT = PANEL HEIGHT - 9 1/2"

D.L.O. WIDTH = NOMINAL PANEL WIDTH - 9 1/2"

## FOR WOOD INSTALLATION

### 3" SILL RISER

| Maximum Design Pressure Capacity Chart (psf) |                  |       |      |       |      |       |      |       |      |       |      |       |      |      |
|--|------------------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|------|
| Frame Height (in)                            | Panel Width (in) |       |      |       |      |       |      |       |      |       |      |       |      |      |
|  | 24.0             |       | 30.0 |       | 36.0 |       | 42.0 |       | 48.0 |       | 54.0 |       | 60.0 |      |
|  | Pos              | Neg   | Pos  | Neg   | Pos  | Neg   | Pos  | Neg   | Pos  | Neg   | Pos  | Neg   | Pos  | Neg  |
| 80.0   | 80.0             | 135.0 | 80.0 | 113.4 | 80.0 | 148.8 | 80.0 | 125.4 | 80.0 | 123.4 | 80.0 | 113.8 | 80.0 | 92.2 |
| 84.0   | 80.0             | 128.0 | 80.0 | 106.9 | 80.0 | 139.6 | 80.0 | 125.4 | 80.0 | 115.2 | 80.0 | 107.8 | 80.0 | 92.2 |
| 96.0   | 80.0             | 109.7 | 80.0 | 91.0  | 80.0 | 118.2 | 80.0 | 105.3 | 80.0 | 96.0  | 80.0 | 89.0  | 80.0 | 83.8 |
| 98.0   | 80.0             | 107.2 | 80.0 | 88.8  | 80.0 | 115.2 | 80.0 | 102.6 | 80.0 | 93.4  | 80.0 | 86.5  | 80.0 | 81.3 |
| 108.0  | 80.0             | 96.0  | 79.3 | 79.3  | 80.0 | 102.4 | 80.0 | 90.8  | 80.0 | 82.3  | -    | -     | -    | -    |
| 114.0  | 80.0             | 90.4  | 74.5 | 74.5  | 80.0 | 96.0  | 80.0 | 84.9  | 76.8 | 76.8  | -    | -     | -    | -    |
| 120.0  | 80.0             | 85.3  | 70.2 | 70.2  | 80.0 | 90.4  | 79.8 | 79.8  | 72.0 | 72.0  | -    | -     | -    | -    |

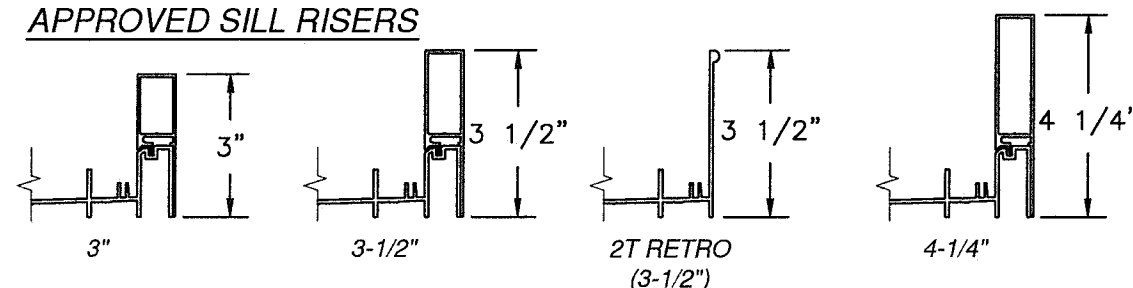
### 3-1/2" SILL RISER

| Maximum Design Pressure Capacity Chart (psf) |                  |       |       |       |       |       |       |       |       |       |       |       |      |      |
|--|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| Frame Height (in)                            | Panel Width (in) |       |       |       |       |       |       |       |       |       |       |       |      |      |
|  | 24.0             |       | 30.0  |       | 36.0  |       | 42.0  |       | 48.0  |       | 54.0  |       | 60.0 |      |
|  | Pos              | Neg   | Pos   | Neg   | Pos   | Neg   | Pos   | Neg   | Pos   | Neg   | Pos   | Neg   | Pos  | Neg  |
| 80.0   | 100.0            | 135.0 | 100.0 | 113.4 | 100.0 | 148.8 | 100.0 | 125.4 | 100.0 | 123.4 | 100.0 | 113.8 | 92.2 | 92.2 |
| 84.0   | 100.0            | 128.0 | 100.0 | 106.9 | 100.0 | 139.6 | 100.0 | 125.4 | 100.0 | 115.2 | 100.0 | 107.8 | 92.2 | 92.2 |
| 96.0   | 100.0            | 109.7 | 91.0  | 91.0  | 100.0 | 118.2 | 100.0 | 105.3 | 96.0  | 96.0  | 89.0  | 89.0  | 83.8 | 83.8 |
| 98.0   | 100.0            | 107.2 | 88.8  | 88.8  | 100.0 | 115.2 | 100.0 | 102.6 | 93.4  | 93.4  | 86.5  | 86.5  | 81.3 | 81.3 |
| 108.0  | 96.0             | 96.0  | 79.3  | 79.3  | 100.0 | 102.4 | 90.8  | 90.8  | 82.3  | 82.3  | -     | -     | -    | -    |
| 114.0  | 90.4             | 90.4  | 74.5  | 74.5  | 96.0  | 96.0  | 84.9  | 84.9  | 76.8  | 76.8  | -     | -     | -    | -    |
| 120.0  | 85.3             | 85.3  | 70.2  | 70.2  | 90.4  | 90.4  | 79.8  | 79.8  | 72.0  | 72.0  | -     | -     | -    | -    |

### 4-1/4" SILL RISER

| Maximum Design Pressure Capacity Chart (psf) |                  |       |       |       |       |       |       |       |       |       |       |       |      |      |
|--|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| Frame Height (in)                            | Panel Width (in) |       |       |       |       |       |       |       |       |       |       |       |      |      |
|  | 24.0             |       | 30.0  |       | 36.0  |       | 42.0  |       | 48.0  |       | 54.0  |       | 60.0 |      |
|  | Pos              | Neg   | Pos   | Neg   | Pos   | Neg   | Pos   | Neg   | Pos   | Neg   | Pos   | Neg   | Pos  | Neg  |
| 80.0   | 125.3            | 135.0 | 113.4 | 113.4 | 125.3 | 148.8 | 125.3 | 125.4 | 123.4 | 123.4 | 113.8 | 113.8 | 92.2 | 92.2 |
| 84.0   | 125.3            | 128.0 | 106.9 | 106.9 | 125.3 | 139.6 | 125.3 | 125.4 | 115.2 | 115.2 | 107.8 | 107.8 | 92.2 | 92.2 |
| 96.0   | 109.7            | 109.7 | 91.0  | 91.0  | 118.2 | 118.2 | 105.3 | 105.3 | 96.0  | 96.0  | 89.0  | 89.0  | 83.8 | 83.8 |
| 98.0   | 107.2            | 107.2 | 88.8  | 88.8  | 115.2 | 115.2 | 102.6 | 102.6 | 93.4  | 93.4  | 86.5  | 86.5  | 81.3 | 81.3 |
| 108.0  | 96.0             | 96.0  | 79.3  | 79.3  | 102.4 | 102.4 | 90.8  | 90.8  | 82.3  | 82.3  | -     | -     | -    | -    |
| 114.0  | 90.4             | 90.4  | 74.5  | 74.5  | 96.0  | 96.0  | 84.9  | 84.9  | 76.8  | 76.8  | -     | -     | -    | -    |
| 120.0  | 85.3             | 85.3  | 70.2  | 70.2  | 90.4  | 90.4  | 79.8  | 79.8  | 72.0  | 72.0  | -     | -     | -    | -    |

### APPROVED SILL RISERS

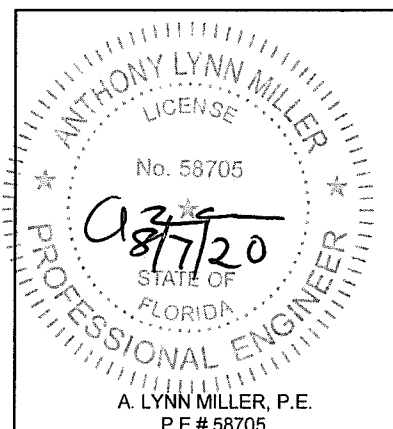


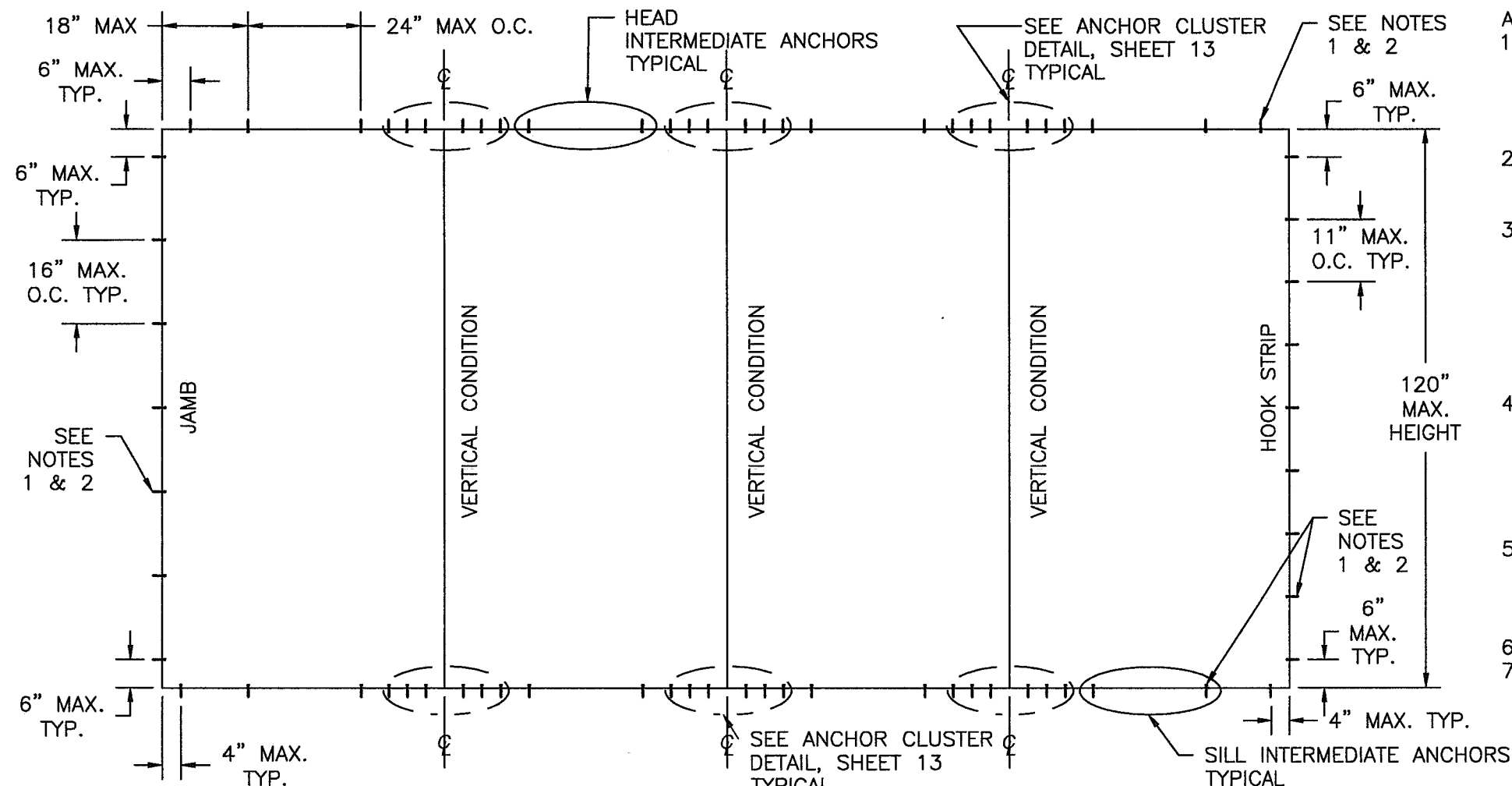
**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 20-0814.03  
Expiration Date 03/31/2026  
By *Isheq I. Chande*  
Miami-Dade Product Control

NO CHANGES THIS SHEET.

Revision:

| Rev.  |  | Date                             |  | By                     |  | Dwg No.      |  | Sheet    |  |
|---|--|----------------------------------|--|------------------------|--|--------------|--|----------|--|
| 08/05/20  |  |                                  |  | ERIN KOSS              |  | 8100-LMI-NOA |  | 10 OF 35 |  |
| Prepared by A. LYNN MILLER<br>1070 TECHNOLOGY DRIVE<br>N. VENICE, FL 34275<br>(941) 480-1600<br>REGISTRATION #29296 |  | ALUMINUM SLIDING GLASS DOOR (LM) |  | DP CHARTS - REINFORCED |  | SGD8100A     |  |          |  |





4'0" x 10'0" ANCHORING LAYOUT NON-REINFORCED AND REINFORCED UNITS  
4PANEL UNIT SHOWN, APPLICABLE TO ALL CONFIGURATIONS USING SAME ANCHOR CLUSTER AND PATTERN

| Number of Anchor Locations Required (Pairs for 2T, 3T & 4T; 3 per Location for 5T) |                  |     |         |      |     |         |      |     |         |      |     |         |      |     |         |      |     |         |      |     |         |  |
|--|------------------|-----|---------|------|-----|---------|------|-----|---------|------|-----|---------|------|-----|---------|------|-----|---------|------|-----|---------|--|
| Frame Height (in)  | Panel Width (in) |     |         |      |     |         |      |     |         |      |     |         |      |     |         |      |     |         |      |     |         |  |
|  | 24.0             |     |         | 30.0 |     |         | 36.0 |     |         | 42.0 |     |         | 48.0 |     |         | 54.0 |     |         | 60.0 |     |         |  |
|  | Jamb             | H&S | Cluster | Jamb | H&S | Cluster | Jamb | H&S | Cluster | Jamb | H&S | Cluster | Jamb | H&S | Cluster | Jamb | H&S | Cluster | Jamb | H&S | Cluster |  |
| 80.0   | 6                | 1   | 4       | 6    | 1   | 4       | 6    | 2   | 6       | 6    | 2   | 6       | 6    | 3   | 6       | 6    | 3   | 6       | 6    | 3   | 6       |  |
| 84.0   | 6                | 1   | 4       | 6    | 1   | 4       | 6    | 2   | 6       | 6    | 2   | 6       | 6    | 3   | 6       | 6    | 3   | 6       | 6    | 3   | 6       |  |
| 96.0   | 7                | 1   | 4       | 7    | 1   | 4       | 7    | 2   | 6       | 7    | 2   | 6       | 7    | 3   | 6       | 7    | 3   | 6       | 7    | 3   | 6       |  |
| 98.0   | 7                | 1   | 4       | 7    | 1   | 4       | 7    | 2   | 6       | 7    | 2   | 6       | 7    | 3   | 6       | 7    | 3   | 6       | 7    | 3   | 6       |  |
| 108.0  | 7                | 1   | 4       | 7    | 1   | 4       | 7    | 2   | 6       | 7    | 2   | 6       | 7    | 3   | 6       | -    | -   | -       | -    | -   | -       |  |
| 114.0  | 8                | 1   | 4       | 8    | 1   | 4       | 8    | 2   | 6       | 8    | 2   | 6       | 8    | 3   | 6       | -    | -   | -       | -    | -   | -       |  |
| 120.0  | 8                | 1   | 4       | 8    | 1   | 4       | 8    | 2   | 6       | 8    | 2   | 6       | 8    | 3   | 6       | -    | -   | -       | -    | -   | -       |  |

| Number of Anchor Locations Required (Single) |                  |      |      |      |      |      |      |
|--|------------------|------|------|------|------|------|------|
| Frame Height (in)                            | Panel Width (in) |      |      |      |      |      |      |
|  | 24.0             | 30.0 | 36.0 | 42.0 | 48.0 | 54.0 | 60.0 |
| 80.0   | 8                | 8    | 8    | 8    | 8    | 8    | 8    |
| 84.0   | 8                | 8    | 8    | 8    | 8    | 8    | 8    |
| 96.0   | 9                | 9    | 9    | 9    | 9    | 9    | 9    |
| 98.0   | 9                | 9    | 9    | 9    | 9    | 9    | 9    |
| 108.0  | 10               | 10   | 10   | 10   | 10   | -    | -    |
| 114.0  | 11               | 11   | 11   | 11   | 11   | -    | -    |
| 120.0  | 11               | 11   | 11   | 11   | 11   | -    | -    |

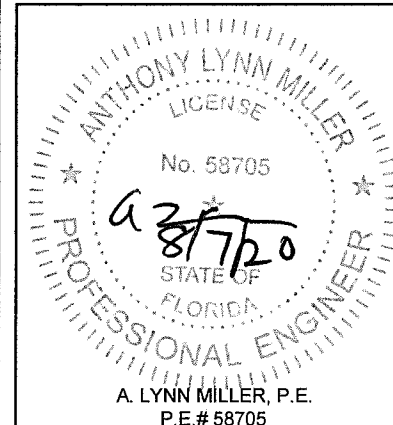
#### ANCHORING NOTES:

1. FRAME SYSTEMS, 2 TRACK, 3 TRACK, 4 TRACK, HAVE TWO ANCHORS AT EACH LOCATION SHOWN IN HEAD, SILL AND JAMBS, 5 TRACK FRAME SYSTEMS HAVE THREE ANCHORS AT EACH LOCATION SHOWN IN HEAD, SILL AND JAMBS.
2. ALL FRAME SYSTEMS, 2 TRACK, 3 TRACK 4 TRACK AND 5 TRACK, HAVE ONE ANCHOR AT EACH LOCATION IN HOOK STRIP.
3. FOR ANCHORING INTO MASONRY/CONCRETE USE 1/4" ELCO CRETE-FLEX SS4 WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE AND 2 3/8" MINIMUM SEPARATION. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
4. FOR ANCHORING INTO WOOD FRAMING, 2X BUCK OR 2X WOOD BACKED 20 GA. MINIMUM STEEL STUD USE GRADE 5 #14 WOOD SCREW WITH SUFFICIENT LENGTH TO ACHIEVE A 1 5/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
5. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE LOAD BEARING SHIM TO BE 1/4".
6. ALL FASTENERS TO BE CORROSION RESISTANT.
7. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
  - A. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42
  - B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3,350 PSI.
  - C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
  - D. METAL FRAMING - 20 GA (.040) MINIMUM THICKNESS WITH 2X WOOD BACKING, Fy=33KSI/Fu=52KSI MINIMUM.

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 20-0814.03  
Expiration Date 03/31/2026  
By Ishag I. Chande  
Miami-Dade Product Control

NO CHANGES THIS SHEET.

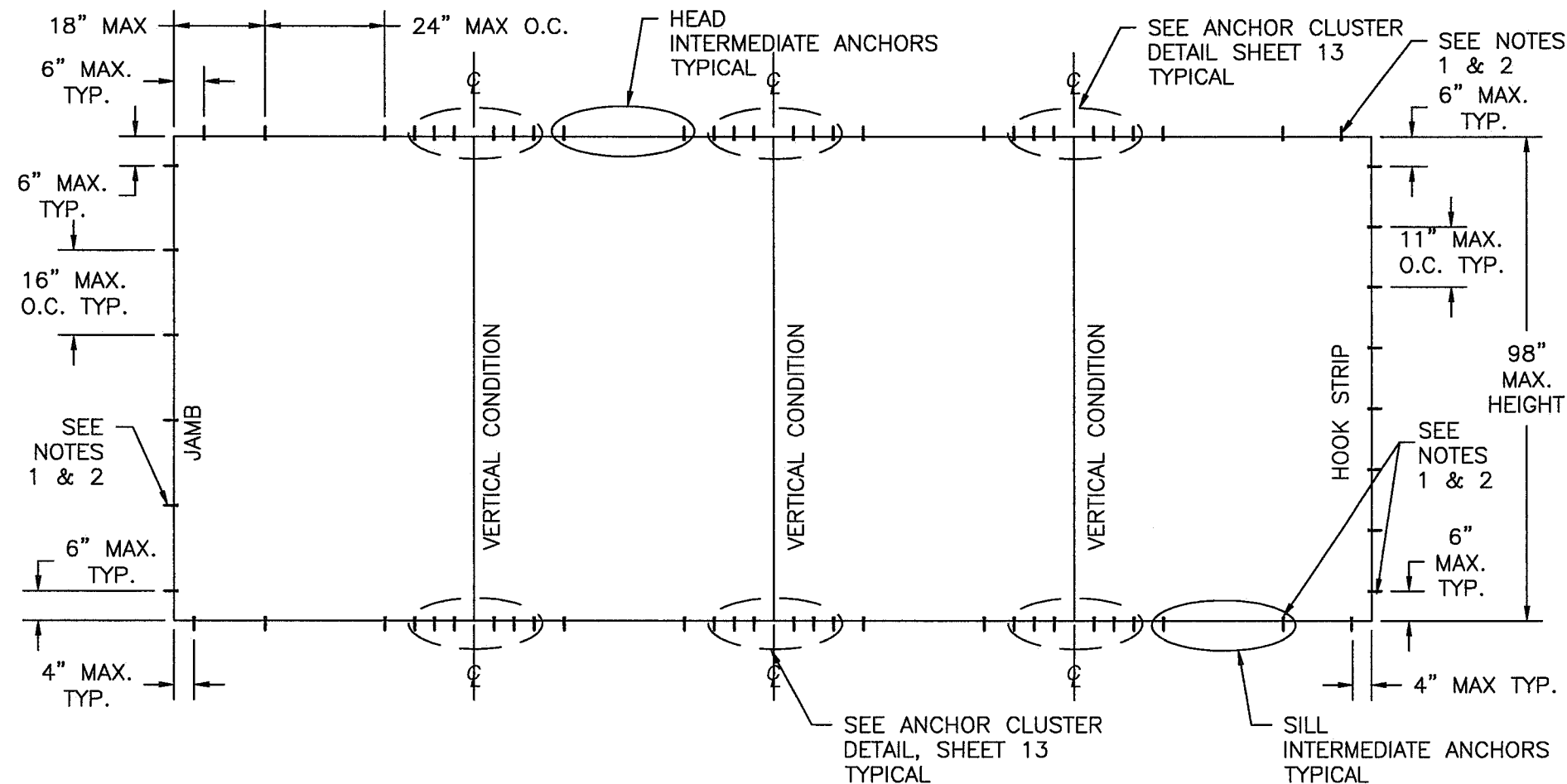
|   |   |                  |                 |                     |                   |                   |                        |                                  |        |      |
|---|---|------------------|-----------------|---------------------|-------------------|-------------------|------------------------|----------------------------------|--------|------|
| <b>WINDOOR®</b><br>INCORPORATED<br>WINDOOR INCORPORATED<br>104 TRIPLE DIAMOND BLVD.<br>NORTH VENICE, FL 34275<br>(833) 554-5432 | PREPARED BY A. LYNN MILLER<br>1070 TECHNOLOGY DRIVE<br>N. VENICE, FL 34275<br>(941) 480-1600<br>REGISTRATION #29296 | 08/05/20<br>Date | ERIN KOSS<br>By | 8100-LMI-NOA<br>No. | 11 OF 35<br>Sheet | SGD8100A<br>Title | ANCHOR LAYOUT - 4'x10' | ALUMINUM SLIDING GLASS DOOR (LM) | 8/5/20 | Rev. |
|   |   |                  |                 |                     |                   |                   |                        |                                  |        |      |
|   |   |                  |                 |                     |                   |                   |                        |                                  |        |      |



H&S = HEAD AND SILL INTERMEDIATE ANCHORS

A. LYNN MILLER, P.E.  
P.E.# 58705





**5'0" x 8'2" ANCHORING LAYOUT NON-REINFORCED AND REINFORCED UNITS**  
4-PANEL UNIT SHOWN, APPLICABLE TO ALL CONFIGURATIONS USING SAME ANCHOR CLUSTER AND PATTERN

#### ANCHORING NOTES:

1. FRAME SYSTEMS, 2 TRACK, 3 TRACK, 4 TRACK, HAVE TWO ANCHORS AT EACH LOCATION SHOWN IN HEAD, SILL AND JAMBS, 5 TRACK FRAME SYSTEMS HAVE THREE ANCHORS AT EACH LOCATION SHOWN IN HEAD, SILL AND JAMBS.
2. ALL FRAME SYSTEMS, 2 TRACK, 3 TRACK 4 TRACK AND 5 TRACK, HAVE ONE ANCHOR AT EACH LOCATION IN HOOK STRIP.
3. FOR ANCHORING INTO MASONRY/CONCRETE USE 1/4" ELCO CRETE-FLEX SS4 WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE AND 2 3/8" MINIMUM SEPARATION. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
4. FOR ANCHORING INTO WOOD FRAMING, 2X BUCK OR 2X WOOD BACKED 20 GA. MINIMUM STEEL STUD USE GRADE 5 #14 WOOD SCREW WITH SUFFICIENT LENGTH TO ACHIEVE A 1 5/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
5. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE LOAD BEARING SHIM TO BE 1/4".
6. ALL FASTENERS TO BE CORROSION RESISTANT.
7. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
  - A. WOOD – MINIMUM SPECIFIC GRAVITY OF G=0.42
  - B. CONCRETE – MINIMUM COMPRESSIVE STRENGTH OF 3,350 PSI.
  - C. MASONRY – STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
  - D. METAL FRAMING – 20 GA (.040) MINIMUM THICKNESS WITH 2X WOOD BACKING, Fy=33KSI/Fu=52KSI MINIMUM.

| Number of Anchor Locations Required (Pairs for 2T, 3T & 4T; 3 per Location for 5T) |                  |     |         |      |     |         |      |     |         |      |     |         |      |     |         |      |     |         |      |     |         |  |
|--|------------------|-----|---------|------|-----|---------|------|-----|---------|------|-----|---------|------|-----|---------|------|-----|---------|------|-----|---------|--|
| Frame Height<br>(in)   | Panel Width (in) |     |         |      |     |         |      |     |         |      |     |         |      |     |         |      |     |         |      |     |         |  |
|  | 24.0             |     |         | 30.0 |     |         | 36.0 |     |         | 42.0 |     |         | 48.0 |     |         | 54.0 |     |         | 60.0 |     |         |  |
|  | Jamb             | H&S | Cluster | Jamb | H&S | Cluster | Jamb | H&S | Cluster | Jamb | H&S | Cluster | Jamb | H&S | Cluster | Jamb | H&S | Cluster | Jamb | H&S | Cluster |  |
| 80.0   | 6                | 1   | 4       | 6    | 1   | 4       | 6    | 2   | 6       | 6    | 2   | 6       | 6    | 3   | 6       | 6    | 3   | 6       | 6    | 3   | 6       |  |
| 84.0   | 6                | 1   | 4       | 6    | 1   | 4       | 6    | 2   | 6       | 6    | 2   | 6       | 6    | 3   | 6       | 6    | 3   | 6       | 6    | 3   | 6       |  |
| 96.0   | 7                | 1   | 4       | 7    | 1   | 4       | 7    | 2   | 6       | 7    | 2   | 6       | 7    | 3   | 6       | 7    | 3   | 6       | 7    | 3   | 6       |  |
| 98.0   | 7                | 1   | 4       | 7    | 1   | 4       | 7    | 2   | 6       | 7    | 2   | 6       | 7    | 3   | 6       | 7    | 3   | 6       | 7    | 3   | 6       |  |
| 108.0  | 7                | 1   | 4       | 7    | 1   | 4       | 7    | 2   | 6       | 7    | 2   | 6       | 7    | 3   | 6       | -    | -   | -       | -    | -   | -       |  |
| 114.0  | 8                | 1   | 4       | 8    | 1   | 4       | 8    | 2   | 6       | 8    | 2   | 6       | 8    | 3   | 6       | -    | -   | -       | -    | -   | -       |  |
| 120.0  | 8                | 1   | 4       | 8    | 1   | 4       | 8    | 2   | 6       | 8    | 2   | 6       | 8    | 3   | 6       | -    | -   | -       | -    | -   | -       |  |

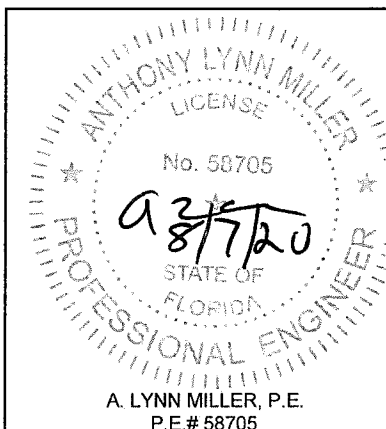
| Number of Anchor Locations Required (Single) |                  |      |      |      |      |      |      |
|--|------------------|------|------|------|------|------|------|
| Frame Height (in)                            | Panel Width (in) |      |      |      |      |      |      |
|  | 24.0             | 30.0 | 36.0 | 42.0 | 48.0 | 54.0 | 60.0 |
| 80.0   | 8                | 8    | 8    | 8    | 8    | 8    | 8    |
| 84.0   | 8                | 8    | 8    | 8    | 8    | 8    | 8    |
| 96.0   | 9                | 9    | 9    | 9    | 9    | 9    | 9    |
| 98.0   | 9                | 9    | 9    | 9    | 9    | 9    | 9    |
| 108.0  | 10               | 10   | 10   | 10   | 10   | -    | -    |
| 114.0  | 11               | 11   | 11   | 11   | 11   | -    | -    |
| 120.0  | 11               | 11   | 11   | 11   | 11   | -    | -    |

H&S = HEAD AND SILL INTERMEDIATE ANCHORS

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 20-0814.03  
Expiration Date 03/31/2026  
By Ishag I. Chahin  
Miami-Dade Product Control

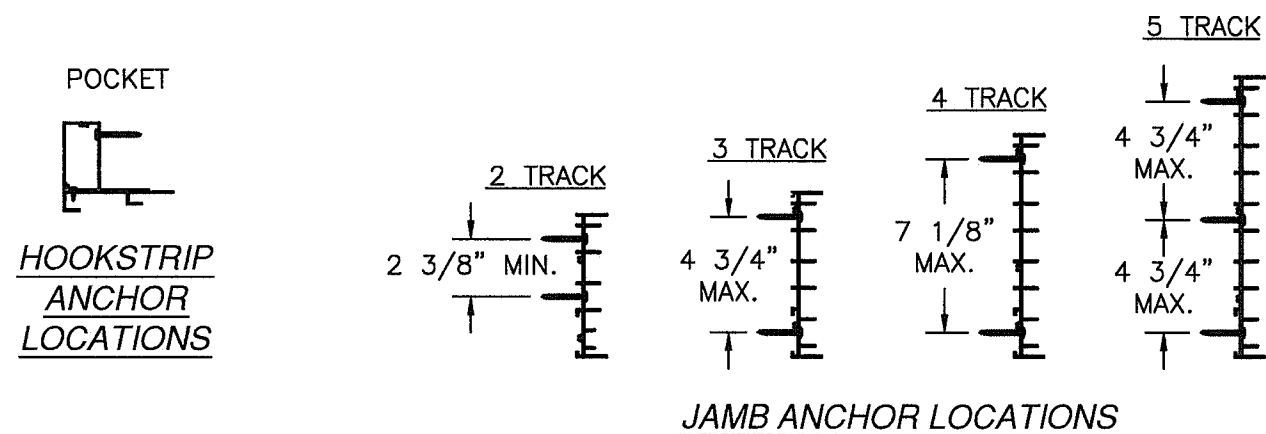
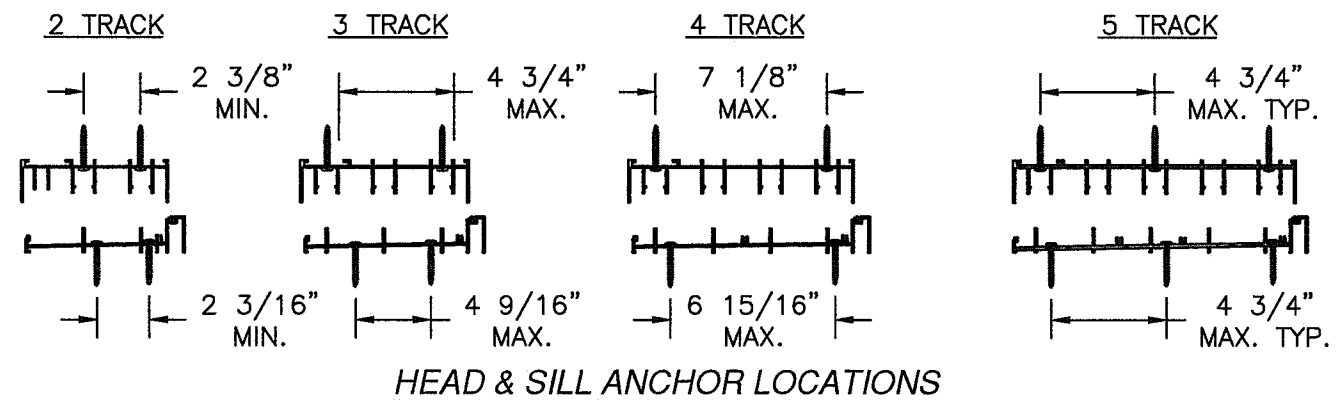
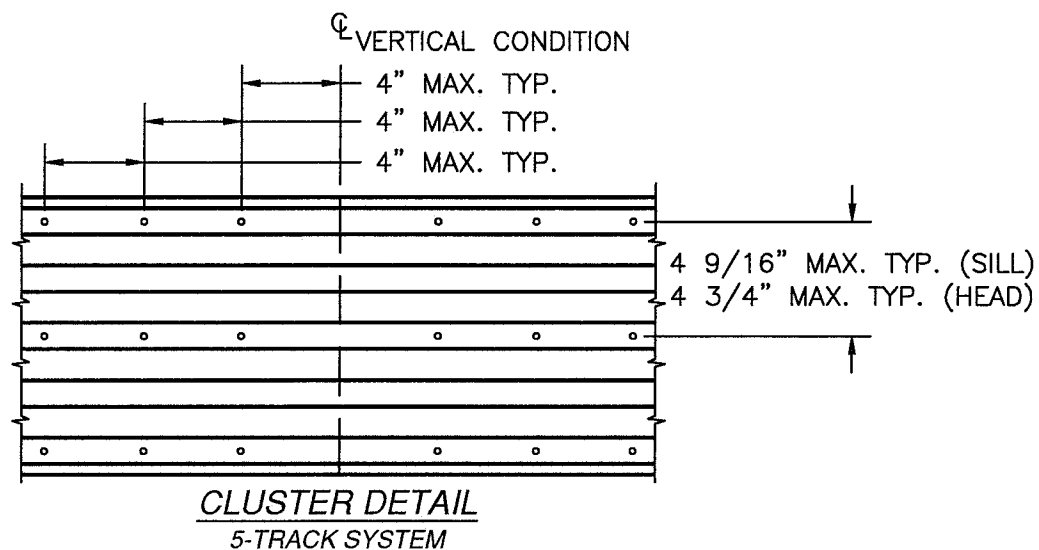
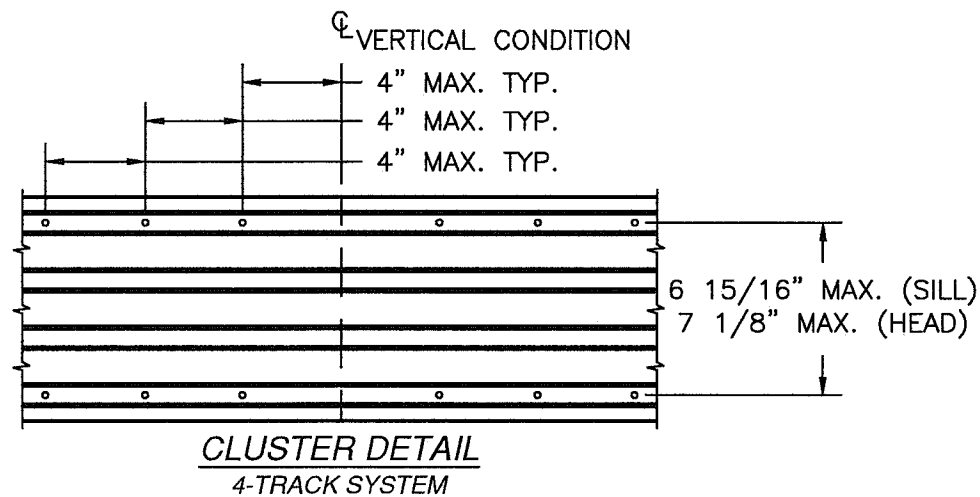
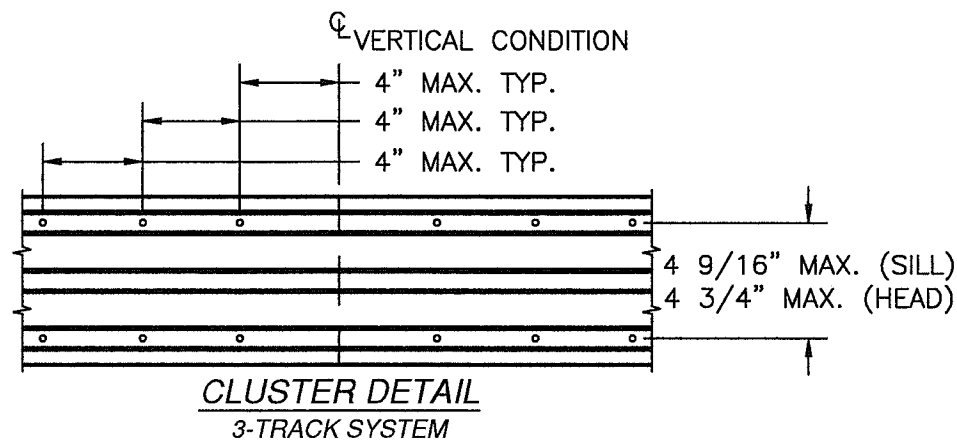
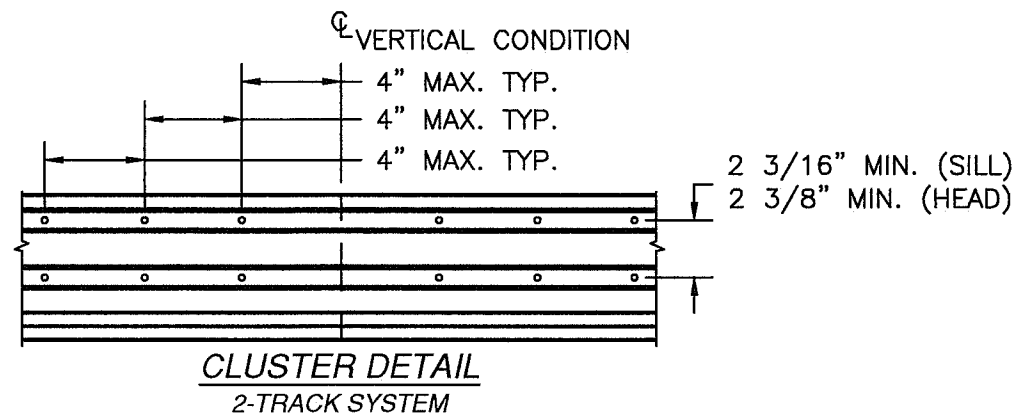
NO CHANGES THIS SHEET.

|   |  |  |  |              |  |
|---|--|--|--|--------------|--|
| <div>WINDOOR®<br/>INCORPORATED</div> <div>WINDOOR INCORPORATED<br/>104 TRIPLE DIAMOND BLVD.<br/>NORTH VENICE, FL 34275<br/>(833) 554-5432</div> |  | <div>PREPARED BY A. LYNN MILLER<br/>1070 TECHNOLOGY DRIVE<br/>N. VENICE, FL 34275<br/>(941) 480-1600<br/>REGISTRATION #29296</div> |  | 08/05/20     |  |
| ALUMINUM SLIDING GLASS DOOR (LM)  |  | Date   |  | By           |  |
| ANCHOR LAYOUT - 5'x8'2"   |  | DWG  |  | ERIN KOSS    |  |
| SGD8100A  |  | No.  |  | 8100-LMI-NOA |  |
| 12 OF 35  |  | Sheet  |  | Rev.         |  |



A. LYNN MILLER, P.E.  
P.E.# 58705





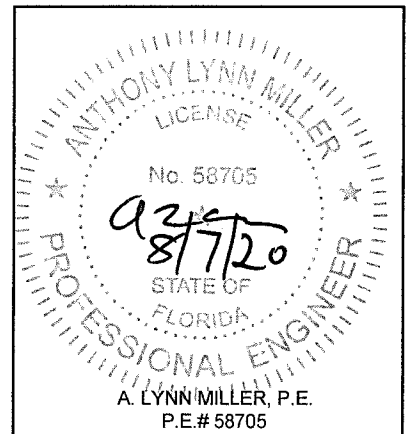
**PANEL CONSTRUCTION:**  
ALL PANELS ARE CONSTRUCTED FROM EXTRUDED 6063-T6 ALUMINUM. VERTICAL STILES ARE NOTCHED TO RECEIVE HORIZONTAL RAILS. EACH RAIL IS SECURED TO STILES WITH (3) #10 x 1 1/4" SQ. DRIVE SCREW AT EACH END, ITEM #47. ALL PANELS HAVE AN INTERIOR AND EXTERIOR APPLIED GLAZING STOP.

**FRAME CONSTRUCTION:**  
EACH FRAME CORNER IS NOTCHED AND BUTTED. HEAD AND SILL ARE SECURED TO JAMBS WITH #7 TYPE A SS SCREW, ITEM #48, (2) AT EACH CORNER ON 2 TRACK, (2) AT 3 TRACK FRAME, (3) AT EACH CORNER ON 4 TRACK FRAME AND (3) AT EACH CORNER ON 5 TRACK FRAME.

**PRODUCT REVISED**  
as complying with the Florida  
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NOA-No. 20-0814.03  
Expiration Date 03/31/2026  
By *Ishaq I. Chank*  
Miami-Dade Product Control

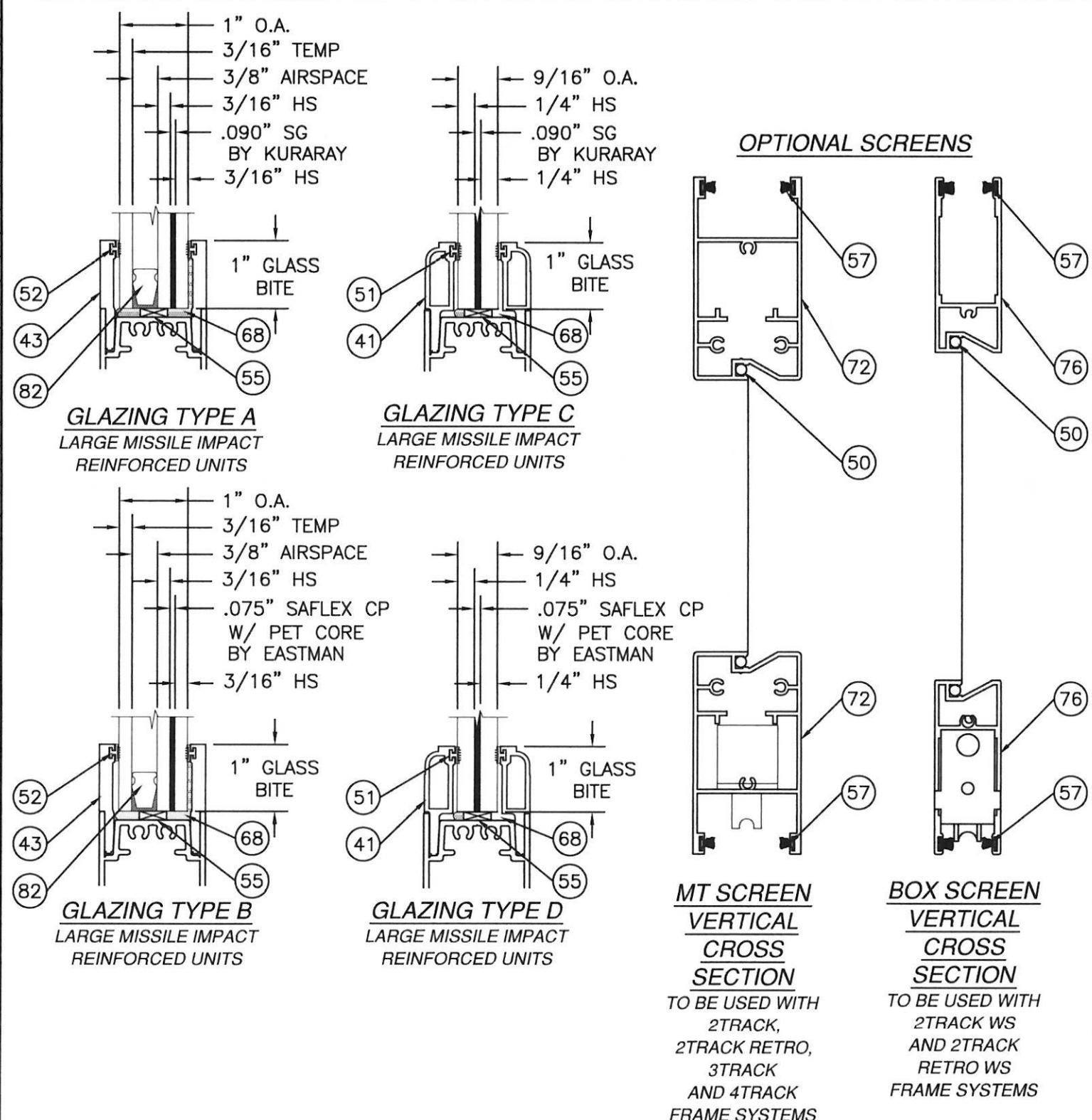
Revision: NO CHANGES THIS SHEET.

|  |  |   |  |             |  |
|--|--|---|--|-------------|--|
| WINDOOR®<br>INCORPORATED   |  | PREPARED BY A. LYNN MILLER<br>1070 TECHNOLOGY DRIVE<br>N. VENICE, FL 34275<br>(941) 480-1600<br>REGISTRATION #29296 |  | 08/05/20    |  |
| WINDOOR INCORPORATED<br>104 TRIPLE DIAMOND BLVD.<br>NORTH VENICE, FL 34275<br>(833) 554-5432 |  | ALUMINUM SLIDING GLASS DOOR (LM)  |  | Date        |  |
| Title  |  | Anchor Locations & Clusters   |  | By<br>Drawn |  |
| Series   |  | SGD8100A  |  | ERIN KOSS   |  |
| Sheet  |  | 13 OF 35  |  | DWG         |  |
| No.  |  | 8100-LMI-NOA  |  | Rev.        |  |





| BILL OF MATERIALS |             |                                   |              |                  |
|-------------------|-------------|-----------------------------------|--------------|------------------|
| ITEM NO.          | PART NUMBER | DESCRIPTION                       | MANUFACTURER | MATERIAL         |
| 1                 | FS-04641    | 2 TRACK WS FRAME HEAD             | KEYMARK      | ALUMINUM 6063-T6 |
| 2                 | FS-04788    | 2 TRACK WS FRAME JAMB             | KEYMARK      | ALUMINUM 6063-T6 |
| 3                 | S-44119     | 2 TRACK NSWS SILL PAN             | KEYMARK      | ALUMINUM 6063-T6 |
| 4                 | S-44121     | 2 TRACK WS SILL INSERT            | KEYMARK      | ALUMINUM 6063-T6 |
| 5                 | T-32124     | 5 TRACK FRAME HEAD                | KEYMARK      | ALUMINUM 6063-T6 |
| 6                 | T-32123     | 5 TRACK FRAME JAMB                | KEYMARK      | ALUMINUM 6063-T6 |
| 7                 | FS-02180    | 3 TRACK FRAME HEAD                | KEYMARK      | ALUMINUM 6063-T6 |
| 8                 | FS-02181    | 3 TRACK FRAME JAMB                | KEYMARK      | ALUMINUM 6063-T6 |
| 9                 | S-44123     | 3 TRACK SILL PAN                  | KEYMARK      | ALUMINUM 6063-T6 |
| 10                | S-44117     | 3 TRACK SILL INSERT               | KEYMARK      | ALUMINUM 6063-T6 |
| 11                | FS-02071    | 4 TRACK FRAME HEAD                | KEYMARK      | ALUMINUM 6063-T6 |
| 12                | FS-02070    | 4 TRACK FRAME JAMB                | KEYMARK      | ALUMINUM 6063-T6 |
| 13                | S-44118     | 4 TRACK SILL PAN                  | KEYMARK      | ALUMINUM 6063-T6 |
| 14                | S-22124     | 4 TRACK SILL INSERT               | KEYMARK      | ALUMINUM 6063-T6 |
| 15                | FS-01882    | FRAME HEAD INSERT                 | KEYMARK      | ALUMINUM 6063-T6 |
| 16                | FS-01883    | FRAME JAMB INSERT                 | KEYMARK      | ALUMINUM 6063-T6 |
| 17                | FH-01869    | TOP RAIL                          | KEYMARK      | ALUMINUM 6063-T6 |
| 18                | FH-04723    | BOTTOM RAIL                       | KEYMARK      | ALUMINUM 6063-T6 |
| 19                | FS-04766    | TALL BOTTOM RAIL                  | KEYMARK      | ALUMINUM 6063-T6 |
| 20                | NPG         | PANEL GUIDE                       |              | NYLON            |
| 21                | FH-01871    | LOCK STILE                        | KEYMARK      | ALUMINUM 6063-T6 |
| 22                | FH-05044    | INTERLOCK STILE                   | KEYMARK      | ALUMINUM 6063-T6 |
| 23                | FH-04767    | FEMALE BUTT STILE EXT. OFFSET     | KEYMARK      | ALUMINUM 6063-T6 |
| 24                | FH-04750    | MALE BUTT STILE EXT. OFFSET       | KEYMARK      | ALUMINUM 6063-T6 |
| 25                | FH-04826    | FEMALE BUTT STILE INT. OFFSET     | KEYMARK      | ALUMINUM 6063-T6 |
| 26                | P7569AM     | DUST PAD 1.244" x .5" x 2.34"     |              |                  |
| 27                | FS-04747    | BUMPER JAMB INSERT                | KEYMARK      | ALUMINUM 6063-T6 |
| 28                | FS-04754    | PLAIN STILE INTERLOCK             | KEYMARK      | ALUMINUM 6063-T6 |
| 29                | FS-04755    | PLAIN STILE INTERLOCK COVER       | KEYMARK      | ALUMINUM 6063-T6 |
| 30                | FS-05382    | INTERLOCK SNAP COVER              | KEYMARK      | ALUMINUM 6063-T6 |
| 31                | FS-02726    | STILE JAMB INSERT                 | KEYMARK      | ALUMINUM 6063-T6 |
| 32                | FS-02726    | PANEL STILE JAMB INSERT           | KEYMARK      | ALUMINUM 6063-T6 |
| 33                | FH-03693    | 1 3/4" SILL RISER                 | KEYMARK      | ALUMINUM 6063-T6 |
| 34                | FH-03652    | 2 1/4" SILL RISER                 | KEYMARK      | ALUMINUM 6063-T6 |
| 35                | FH-03653    | 3" SILL RISER                     | KEYMARK      | ALUMINUM 6063-T6 |
| 36                | FH-03654    | 3 1/2" SILL RISER                 | KEYMARK      | ALUMINUM 6063-T6 |
| 37                | FH-03655    | 4 1/4" SILL RISER                 | KEYMARK      | ALUMINUM 6063-T6 |
| 38                | FS-02173    | HOOK STRIP                        | KEYMARK      | ALUMINUM 6063-T6 |
| 39                | FS-04476    | HOOK STRIP WALL COVER             | KEYMARK      | ALUMINUM 6063-T6 |
| 40                | FS-04477    | HOOK STRIP WALL MOUNT             | KEYMARK      | ALUMINUM 6063-T6 |
| 41                | FH-01877    | 9/16" HORIZONTAL GLASS STOP       | KEYMARK      | ALUMINUM 6063-T6 |
| 42                | FH-01878    | 9/16" VERTICAL GLASS STOP         | KEYMARK      | ALUMINUM 6063-T6 |
| 43                | FS-01879    | 1" HORIZONTAL GLASS STOP          | KEYMARK      | ALUMINUM 6063-T6 |
| 44                | FS-01880    | 1" VERTICAL GLASS STOP            | KEYMARK      | ALUMINUM 6063-T6 |
| 45                | FH-02642    | 6000 BUTT STILE REINFORCING BAR   | KEYMARK      | ALUMINUM 6063-T6 |
| 46                | FH-05045    | INTERLOCK REINFORCING BAR         | KEYMARK      | ALUMINUM 6063-T6 |
| 47                | FH-03916    | FEMALE BUTT STILE REINFORCING BAR | KEYMARK      | ALUMINUM 6063-T6 |
| 48                | FS-02210    | FRAME HEAD COVER                  | KEYMARK      | ALUMINUM 6063-T6 |
| 49                | FS-02208    | SILL COVER                        | KEYMARK      | ALUMINUM 6063-T6 |
| 50                |             | SCREEN SPLINE                     |              |                  |
| 51                | TP983       | 9/16" GLAZING VINYL               |              | VINYL            |
| 52                | TP1051      | 1" GLAZING VINYL                  |              | VINYL            |
| 53                | #1988-9000  | TANDEM ROLLER                     |              |                  |
| 54                | 2468        | DUAL POINT MORTISE LOCK & KEEPE   |              |                  |
| 55                | TP990       | GLASS SETTING BLOCK               |              |                  |



BILL OF MATERIALS CONTINUED ON SHEET 15

EXTERIOR  
←

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 20-0814.03  
Expiration Date 03/31/2026  
By *Ishag I. Chande*  
Miami-Dade Product Control

Revision: NO CHANGES THIS SHEET.

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

**WinDoor®**  
INCORPORATED  
WINDOOR INCORPORATED  
104 TRIPLE DIAMOND BLVD.  
NORTH VENICE, FL 34275  
(833) 554-5432

08/05/20  
Date

ERIN KOSS  
By

ALUMINUM SLIDING GLASS DOOR (LM)  
Title

BOM & GLAZING DETAILS - REINF.  
Desc.

SGD8100A  
Series

14 OF 35  
Sheet

8100-LMI-NOA  
DWG No.

Rev.

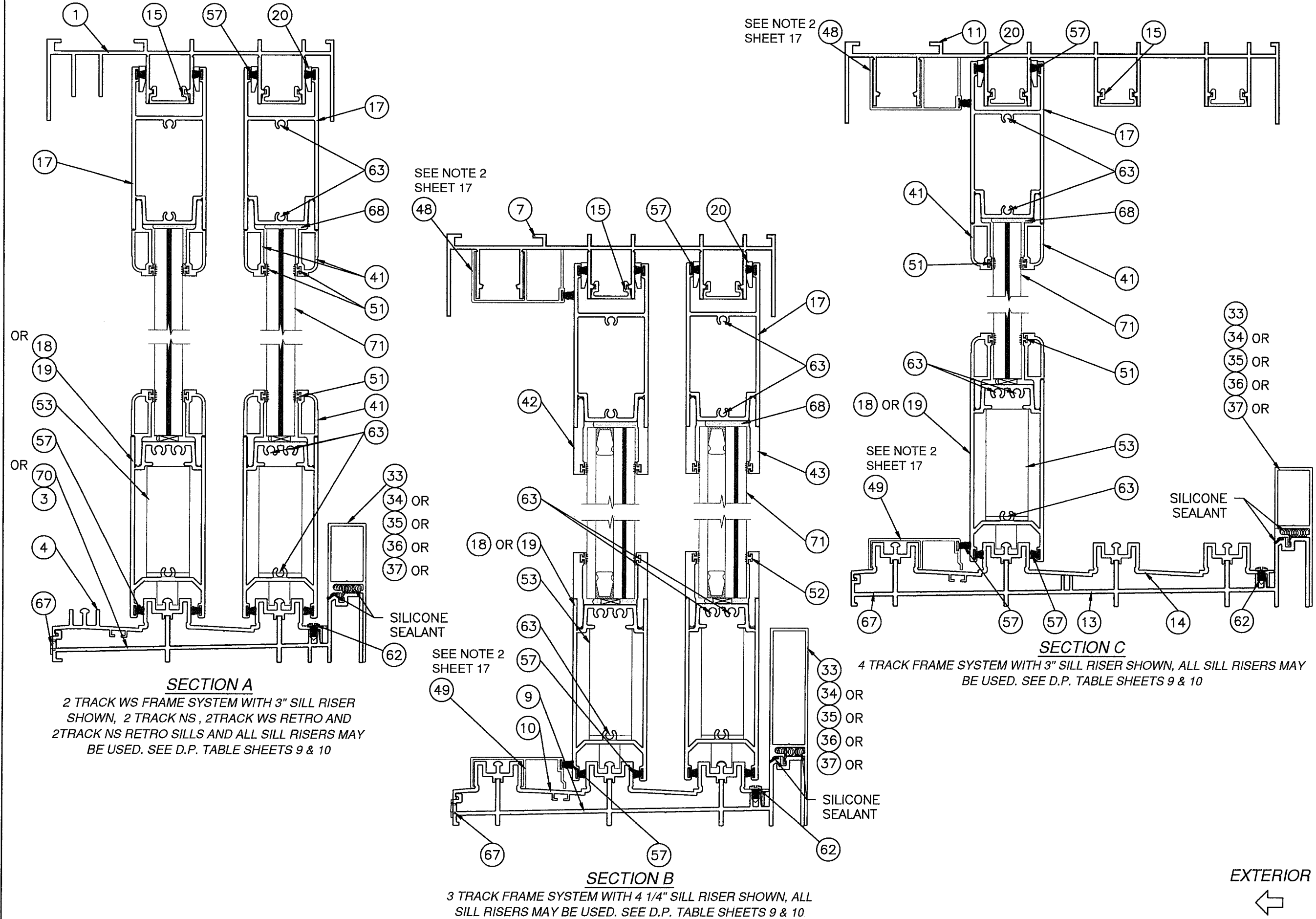
ANTHONY LYNN MILLER  
LICENSE  
No. 58705  
8/7/20  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
A. LYNN MILLER, P.E.  
P.E.# 58705







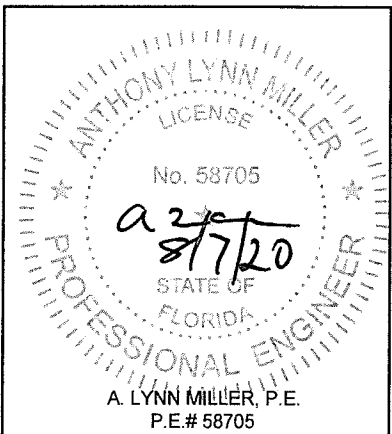
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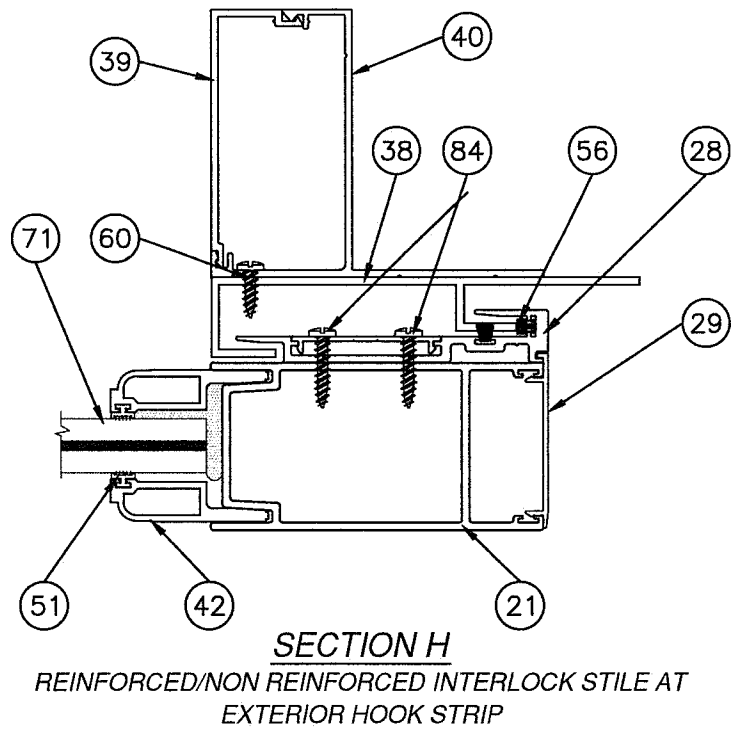
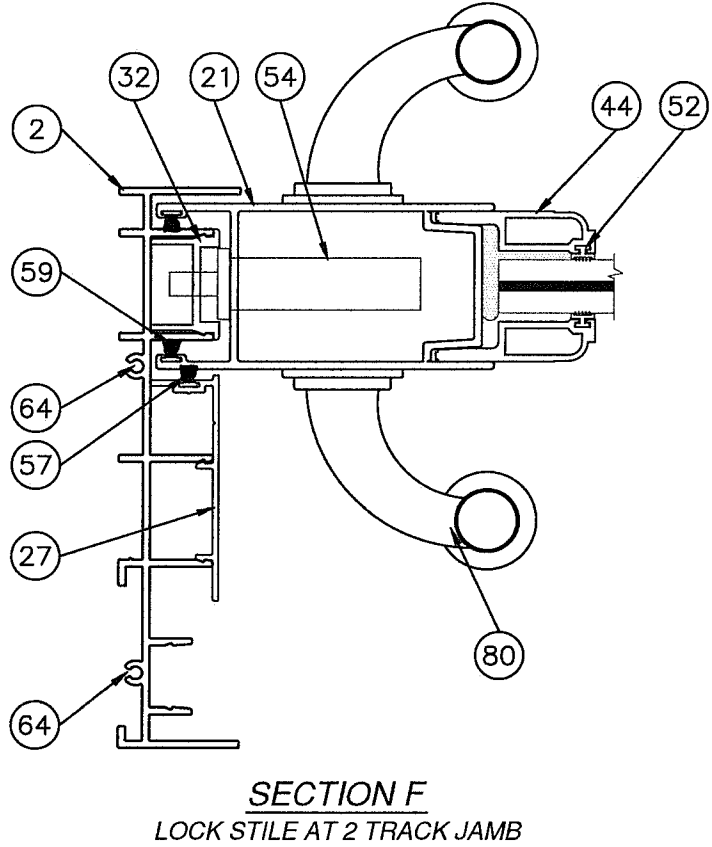
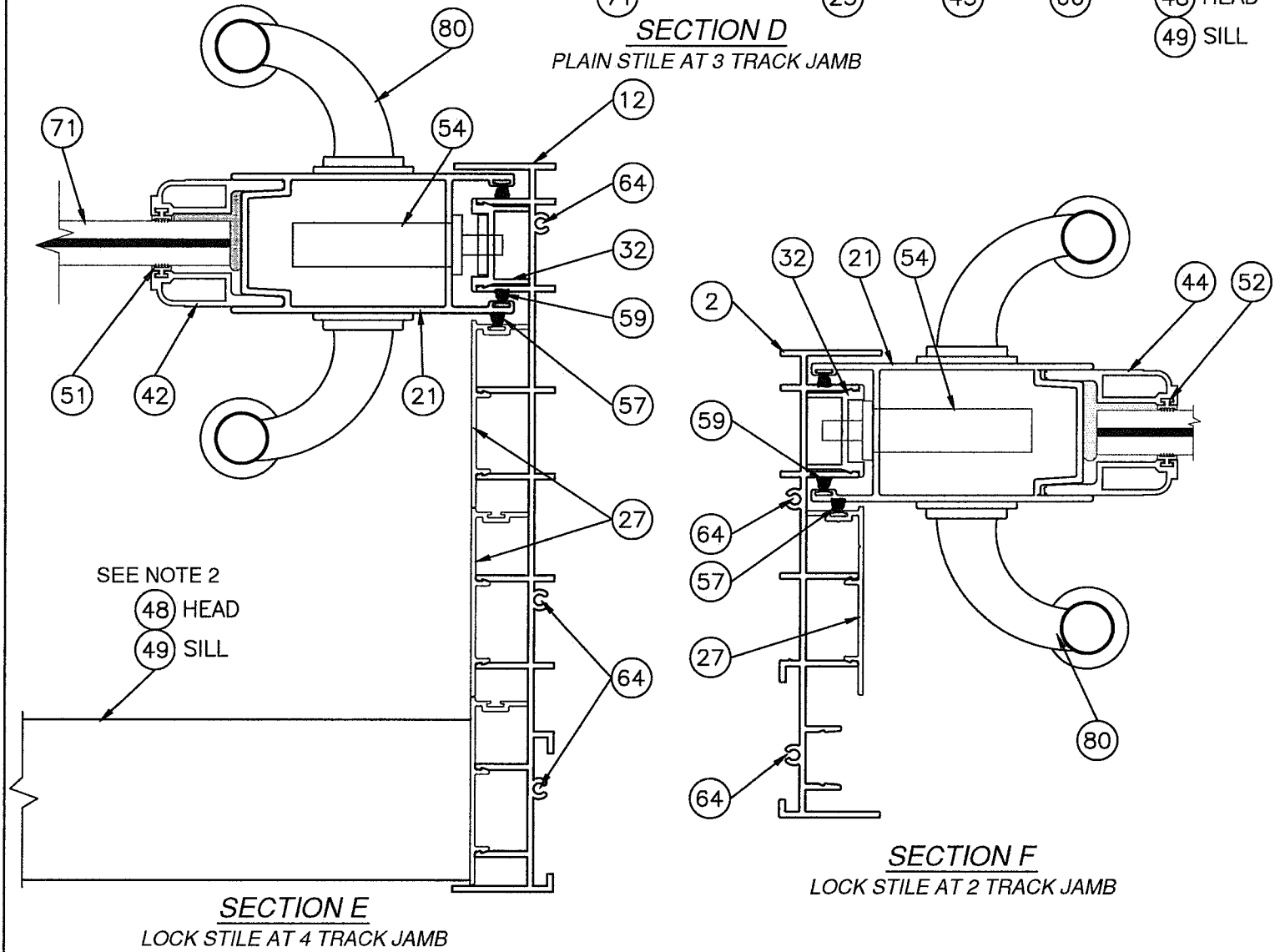
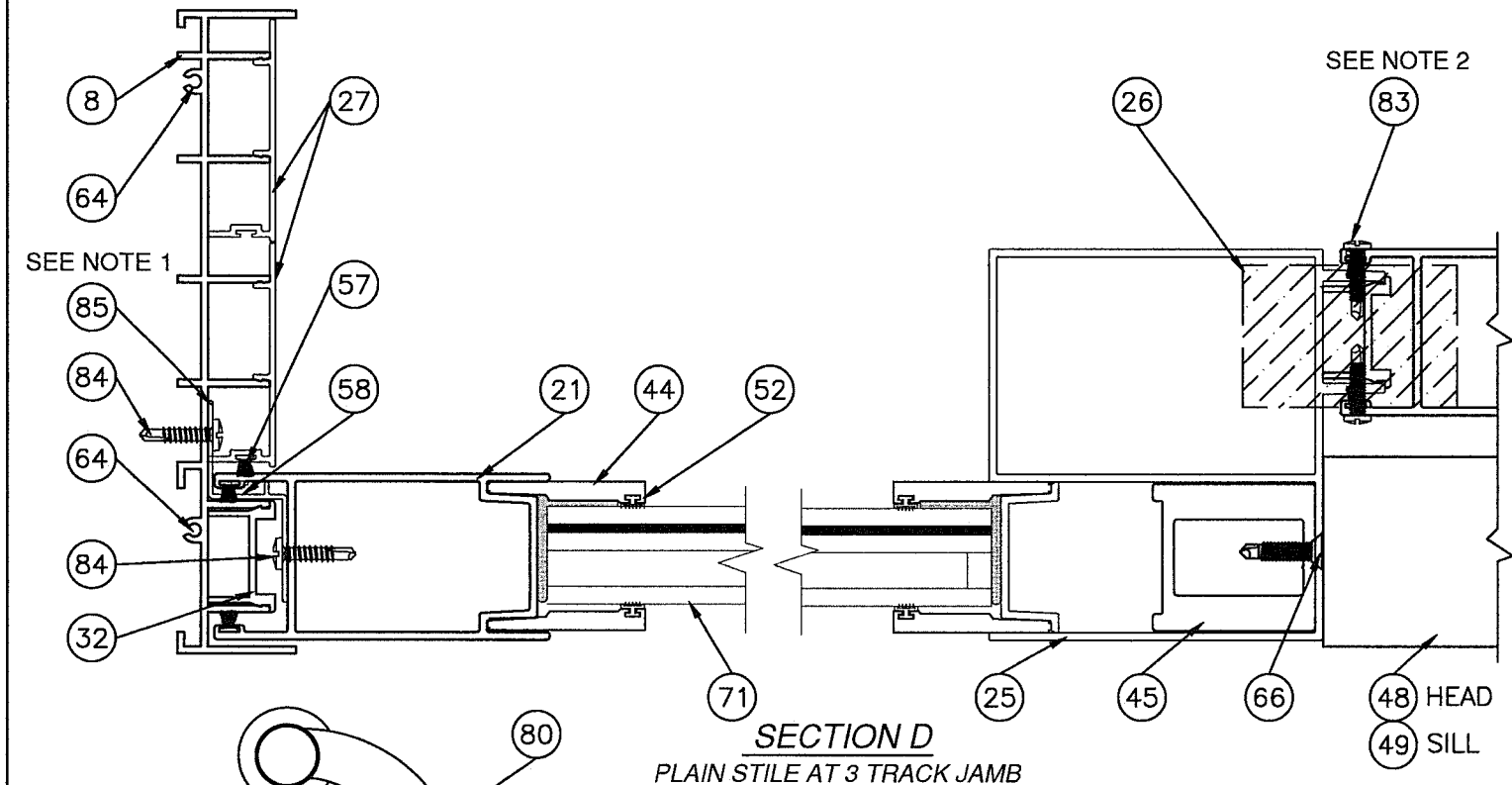
**PRODUCT REVISED**  
as complying with the Florida  
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NOA-No. 20-0814.03  
Expiration Date 03/31/2026  
By *Ishaq I. Chank*  
Miami-Dade Product Control

Revision: NO CHANGES THIS SHEET.

|  |                                  |              |          |                                  |          |
|--|----------------------------------|--------------|----------|----------------------------------|----------|
| PREPARED BY A. LYNN MILLER<br>1070 TECHNOLOGY DRIVE<br>N. VENICE, FL 34275<br>(941) 480-1600<br>REGISTRATION #29296      | Rev.<br>Date<br>By<br>DWC<br>No. | 8100-LMI-NOA | 16 OF 35 | Sheet                            | SGD8100A |
|  |                                  |              |          |                                  |          |
|  |                                  |              |          |                                  |          |
|  |                                  |              |          |                                  |          |
| WINDOOR®<br>INCORPORATED<br>WINDOOR INCORPORATED<br>104 TRIPLE DIAMOND BLVD.<br>NORTH VENICE, FL 34275<br>(833) 554-5432 | SECTION VIEWS - VERTICAL         | ERIN KOSS    | 08/05/20 | ALUMINUM SLIDING GLASS DOOR (LM) | Title    |
|  |                                  |              |          |                                  |          |
|  |                                  |              |          |                                  |          |
|  |                                  |              |          |                                  |          |



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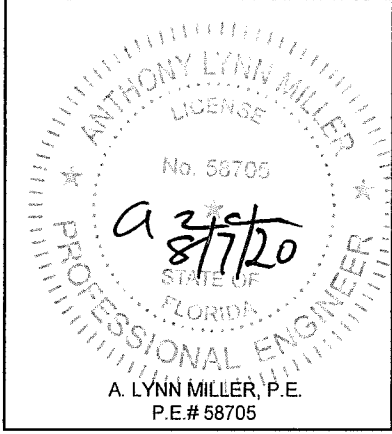
- NOTES:
1. FIXED PANEL TO JAMB CONDITION: FIXED PANEL IS SEURED TO THE JAMB WITH (2) ITEMS #85, FIXED PANEL Z-CLIP. ONE Z-CLIP IS LOCATED 24" FROM TOP OF THE PANEL DOWN AND 24" FROM BOTTOM OF PANEL UP. EACH Z-CLIP IS ATTACHED TO PANEL WITH (3) ITEM # 84, #10 x 3/4" PH TEK SCREWS AND THEN IT IS ATTACHED TO JAMB WITH (3) ITEM #84, #10 x 3/4" PH TEK SCREWS.
  2. FIXED PANEL TO FIXED PANEL CONDITION: TWO FIXED PANELS ARE SECURED TOGETHER WITH ITEM #83, #8 x 3/4" PH TEK SCREW. THERE IS A ROW ON THE INTERIOR AND A ROW ON THE EXTERIOR OF THE FIXED PANEL SPACED 4" FROM THE TOP AND BOTTOM WITH ONE ADDITIONAL SCREW IN THE CENTER.



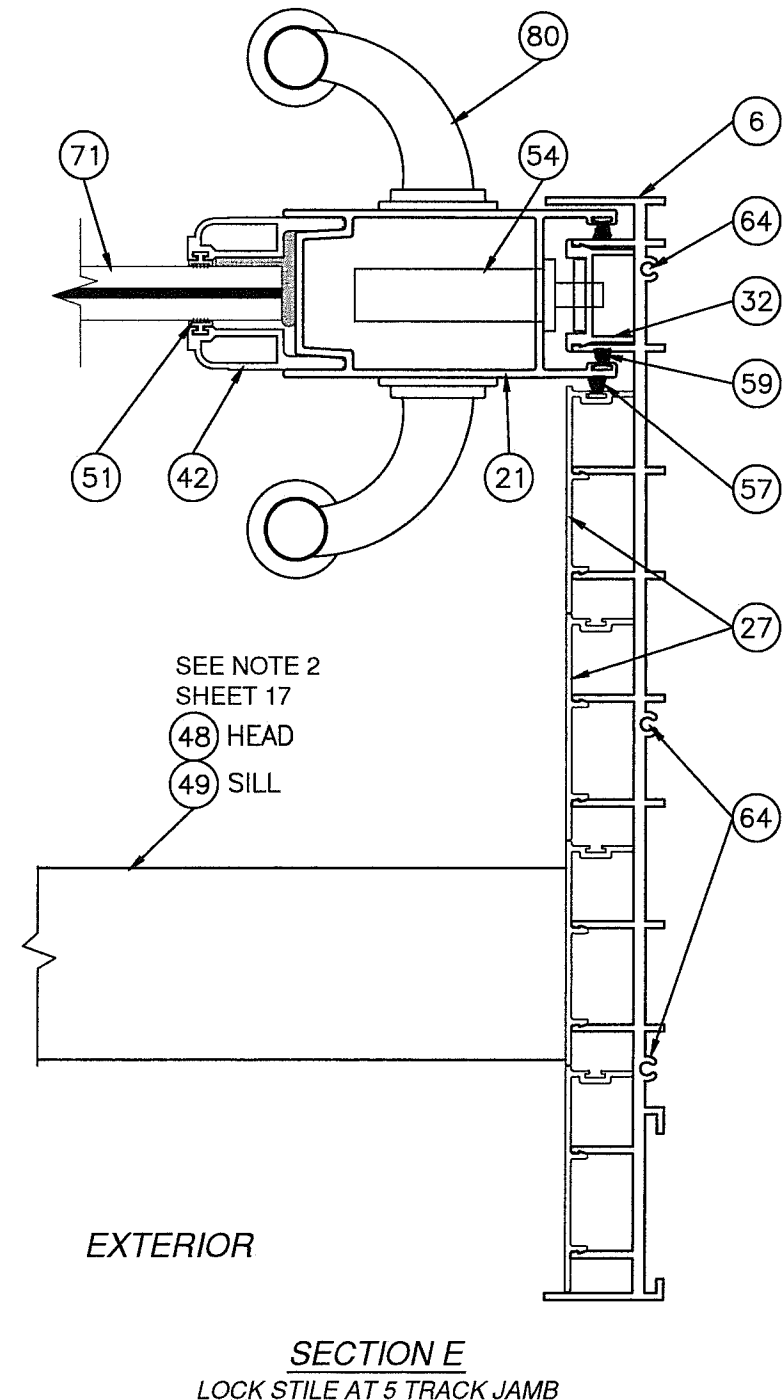
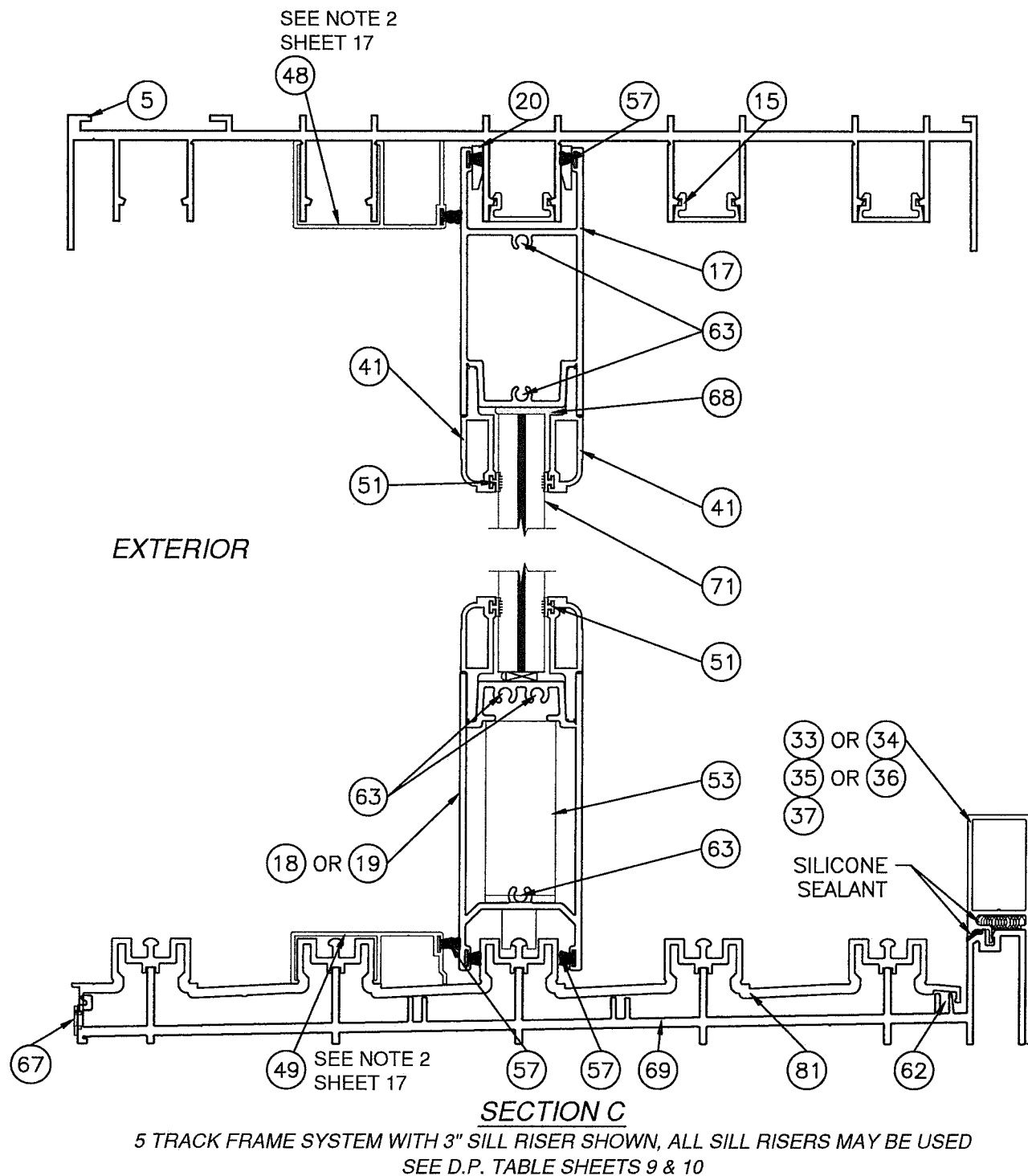
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0814.03  
Expiration Date 03/31/2026  
By *Ishag I. Chande*  
Miami-Dade Product Control

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|                                 |  |  |  |   |  |         |  |              |  |
|---------------------------------|--|--|--|---|--|---------|--|--------------|--|
| WINDOOR®<br><u>INCORPORATED</u> |  | WINDOOR INCORPORATED<br>104 TRIPLE DIAMOND BLVD.<br>NORTH VENICE, FL 34275<br>(833) 554-5432 |  | PREPARED BY A. LYNN MILLER<br>1070 TECHNOLOGY DRIVE<br>N. VENICE, FL 34275<br>(941) 480-1600<br>REGISTRATION #29296 |  | Date    |  | 08/05/20     |  |
|                                 |  |  |  |   |  |         |  |              |  |
| Title                           |  | ALUMINUM SLIDING GLASS DOOR (LM)   |  |   |  | By      |  | ERIN KOSS    |  |
| Series                          |  | SECTION VIEWS - HORIZONTAL   |  |   |  | Drawn   |  |              |  |
| SGD8100A                        |  | Sheet  |  | 17 OF 35  |  | DWG No. |  | 8100-LMI-NOA |  |
|                                 |  |  |  |   |  |         |  | Rev.         |  |



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Expiration Date 03/31/2026  
By Ishag I. Chande  
Miami-Dade Product Control

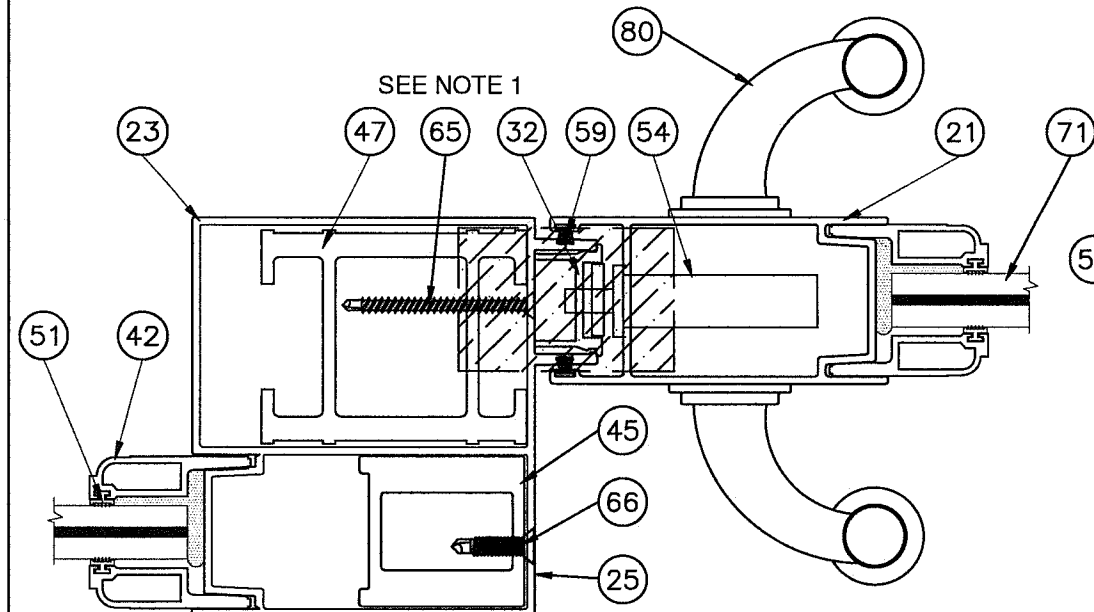
Revision: NO CHANGES THIS SHEET.

|   |                                  |                    |              |         |
|---|----------------------------------|--------------------|--------------|---------|
| PREPARED BY A. LYNN MILLER<br>1070 TECHNOLOGY DRIVE<br>N. VENICE, FL 34275<br>(941) 480-1600<br>REGISTRATION #29296 | 08/05/20                         | ERIN KOSS          | 8100-LMI-NOA | Rev.    |
|   |                                  |                    |              |         |
| WINDOOR®<br>INCORPORATED<br>104 TRIPLE DIAMOND BLVD.<br>NORTH VENICE, FL 34275<br>(833) 554-5432                    | ALUMINUM SLIDING GLASS DOOR (LM) | SECTION VIEWS - 5T | 18 OF 35     | DWG No. |
|   |                                  |                    |              |         |
| WINDOOR INCORPORATED<br>104 TRIPLE DIAMOND BLVD.<br>NORTH VENICE, FL 34275<br>(833) 554-5432                        | SGD8100A                         | Sheet              | 18 OF 35     | Rev.    |
|   |                                  |                    |              |         |

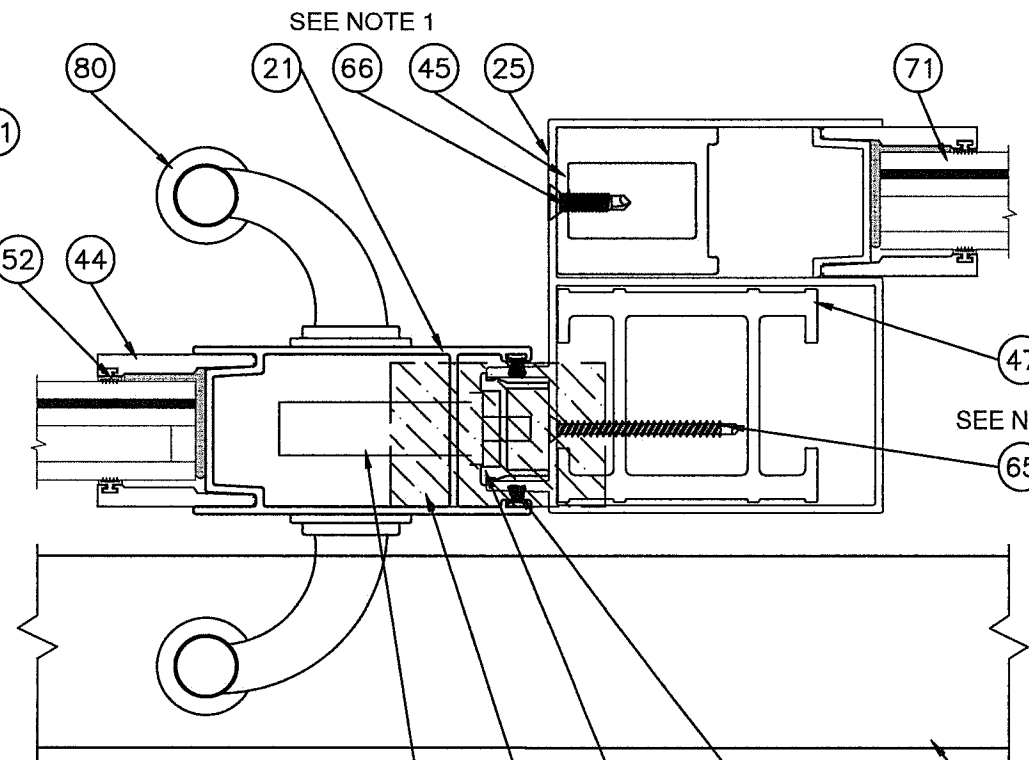
ANTHONY LYNN MILLER  
LICENSE  
No. 58705  
A 2/7/20  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER  
A. LYNN MILLER, P.E.  
P.E.# 58705



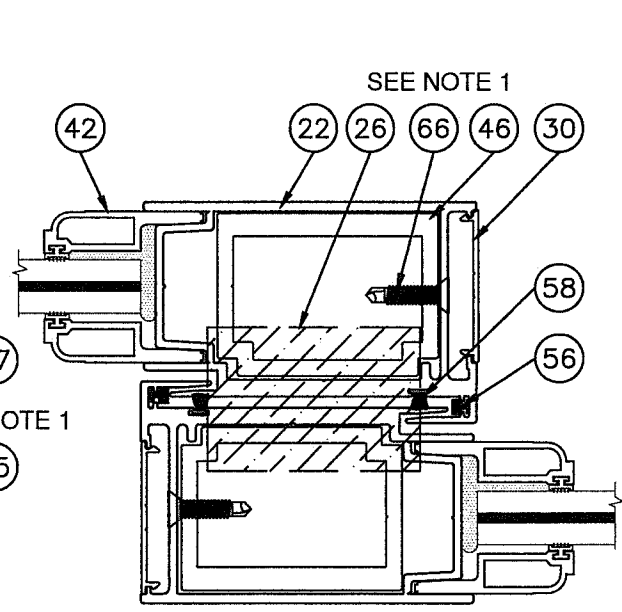
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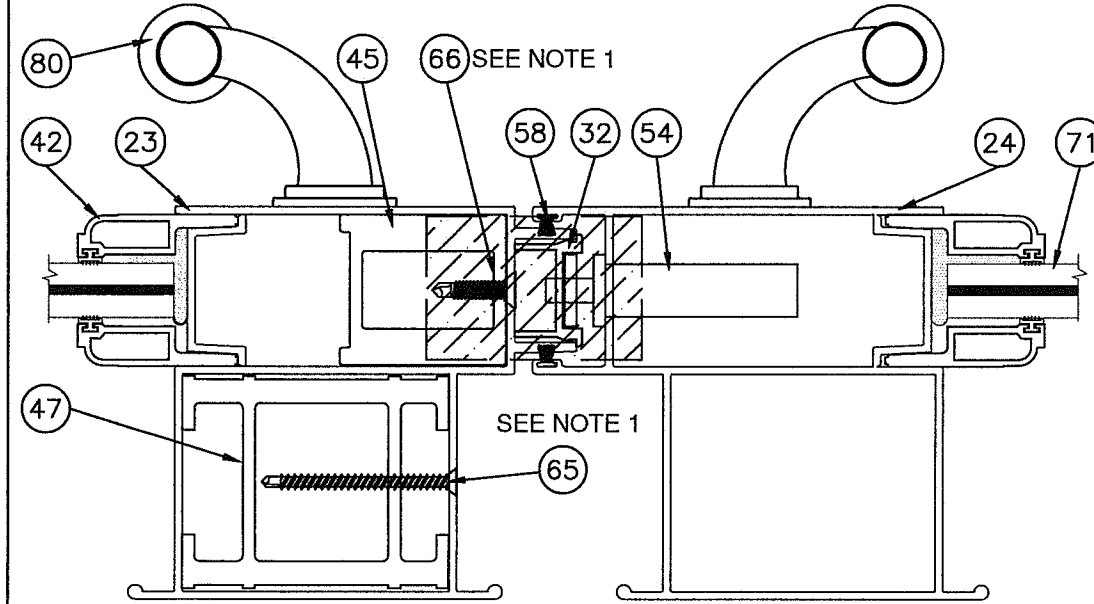
SECTION J  
REINFORCED INTERIOR FIXED BUTT STILE TO LOCK STILE



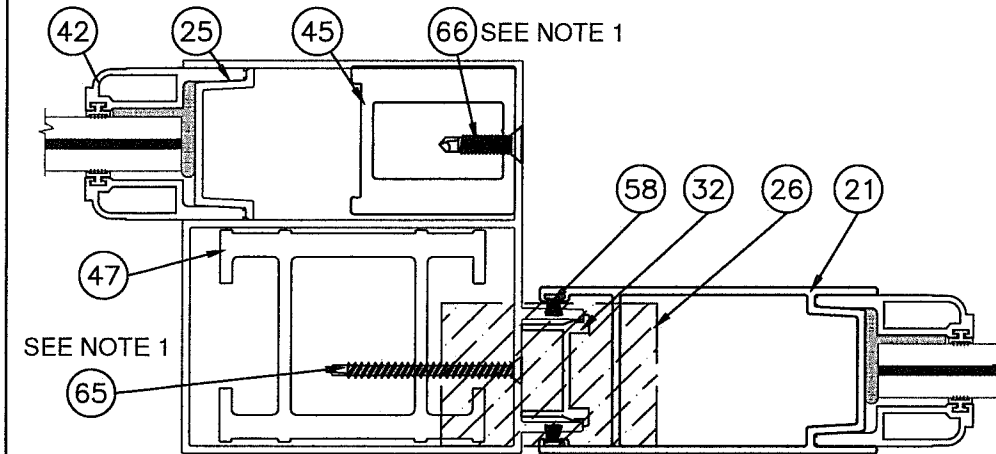
SECTION K  
LOCK STILE TO REINFORCED EXTERIOR FIXED BUTT STILE



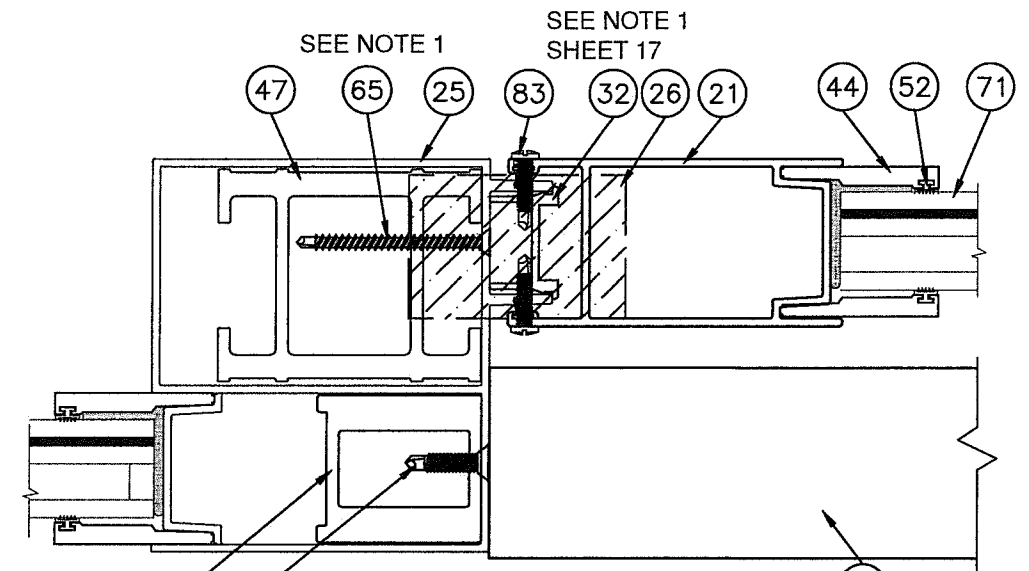
SECTION L  
REINFORCED INTERLOCK STILE TO REINFORCED INTERLOCK STILE



SECTION N  
REINFORCED MALE BUTT STILE TO REINFORCED LOCKING BUTT STILE



SECTION M  
REINFORCED EXTERIOR FIXED BUTT STILE TO PLAIN STILE



SECTION O  
REINFORCED INTERIOR FIXED BUTT STILE TO PLAIN STILE

HEAD 48 SEE NOTE 2 SHEET 17  
SILL 49

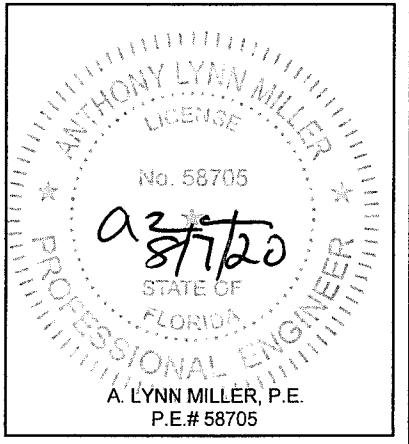
- NOTES:
1. REINFORCING BAR NOTE: ITEM #46, INTERLOCK REINFORCING BAR IS SECURED TO INTERLOCK WITH ITEM #66. ITEM #47, FEMALE BUTT STILE REINFORCING BAR IS SECURED TO FEMALE BUTT STILE AND FEMALE BUTT STILE OFFSET WITH ITEM #65. ITEM #45, 6000 BUTT STILE REINFORCING BAR IS SECURED TO FEMALE BUTT STILE AND FEMALE BUTT STILE OFFSET WITH ITEM #66. ALL SCREWS ARE SPACED 6" FROM TOP AND BOTTOM OF STILES AND ONE AT MIDSPAN.

EXTERIOR  
↓

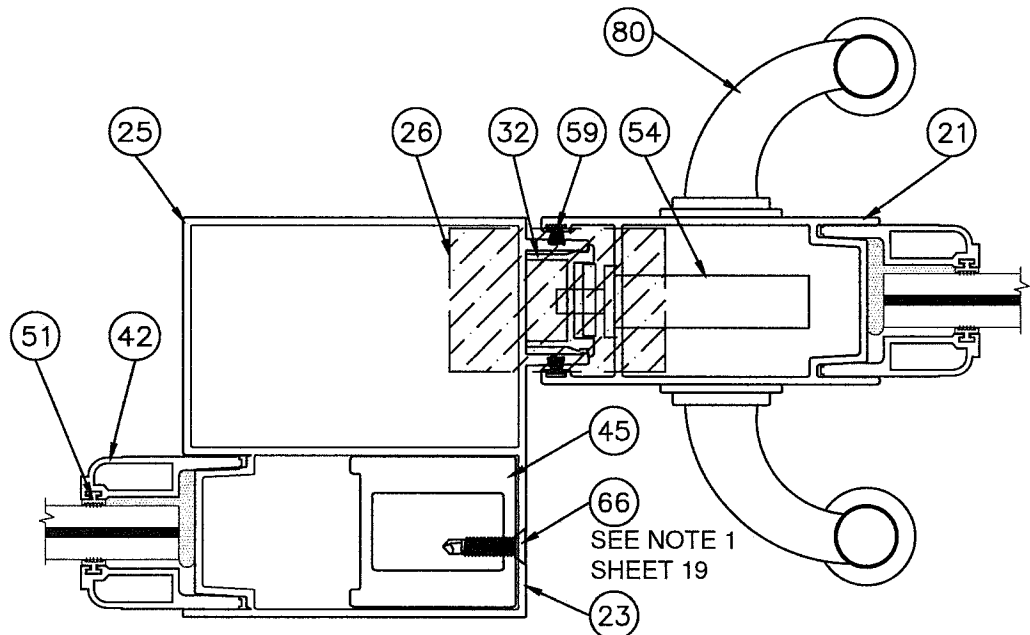
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0814.03  
Expiration Date 03/31/2026  
By Ishag I. Chande  
Miami-Dade Product Control

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|   |  |                                  |                            |          |          |         |              |          |
|---|--|----------------------------------|----------------------------|----------|----------|---------|--------------|----------|
| PREPARED BY A. LYNN MILLER<br>1070 TECHNOLOGY DRIVE<br>N. VENICE, FL 34275<br>(941) 480-1600<br>REGISTRATION #29296 | WINDOOR®<br>INCORPORATED<br>104 TRIPLE DIAMOND BLVD.<br>NORTH VENICE, FL 34275<br>(833) 554-5432 | ALUMINUM SLIDING GLASS DOOR (LM) | SECTION VIEWS - HORIZONTAL | SGD8100A | 19 OF 35 | DWG No. | 8100-LMI-NOA | Rev.     |
|   |  |                                  |                            |          |          |         |              | By       |
|   |  |                                  |                            |          |          |         |              | Date     |
|   |  |                                  |                            |          |          |         |              | 08/05/20 |

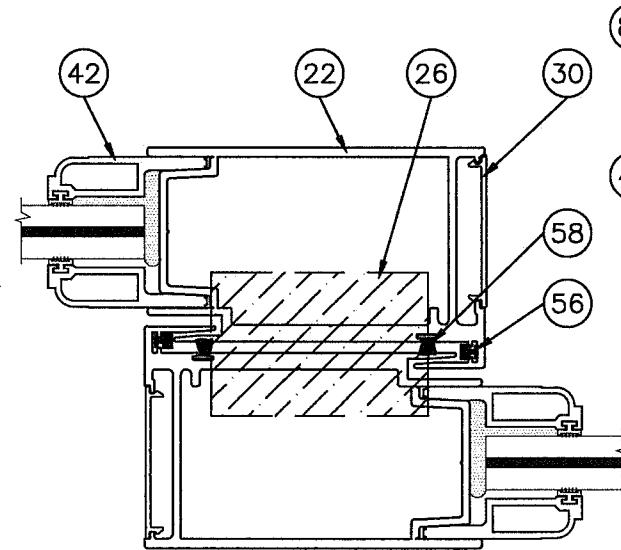


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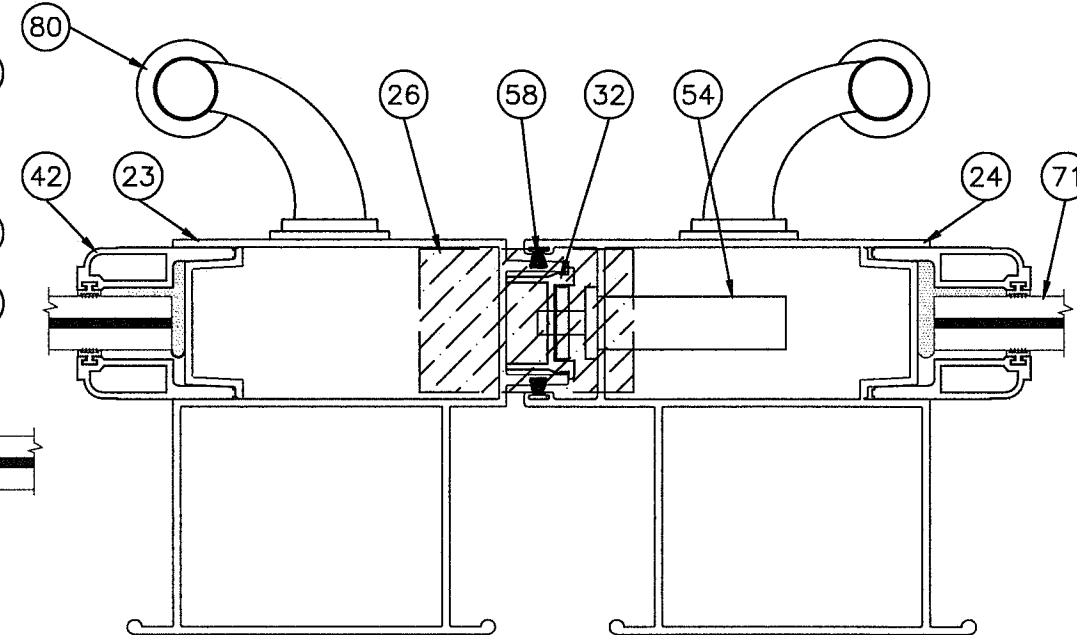
**SECTION P**

NON-REINFORCED INTERIOR FIXED BUTT STILE TO LOCK STILE



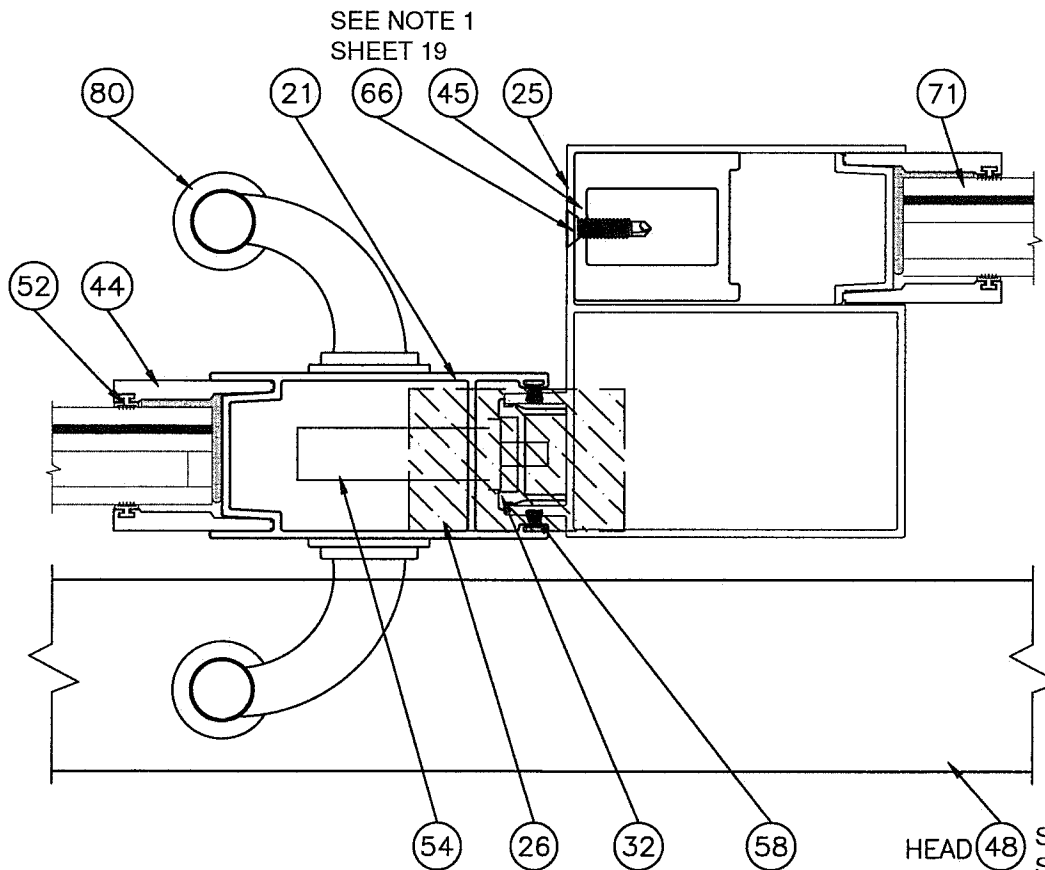
**SECTION R**

NON-REINFORCED INTERLOCK STILE TO  
NON-REINFORCED INTERLOCK STILE



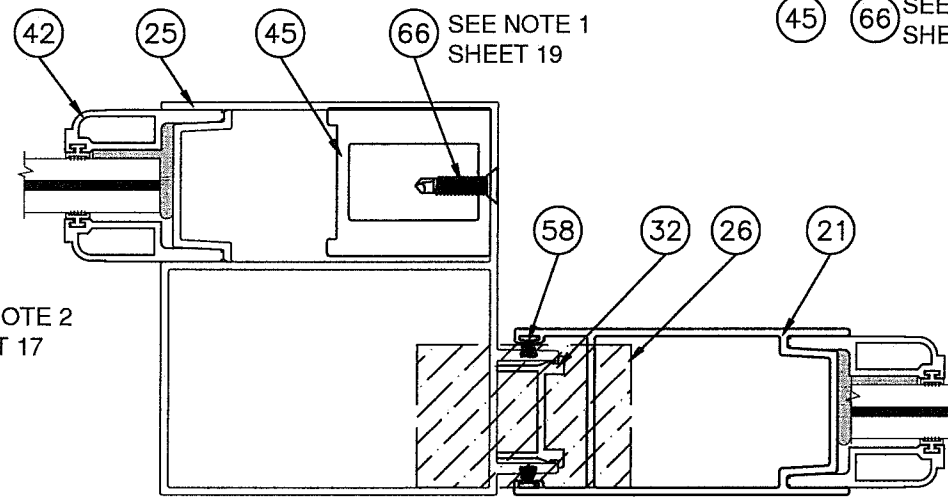
**SECTION T**

NON-REINFORCED MALE BUTT STILE TO NON-REINFORCED LOCKING BUTT STILE



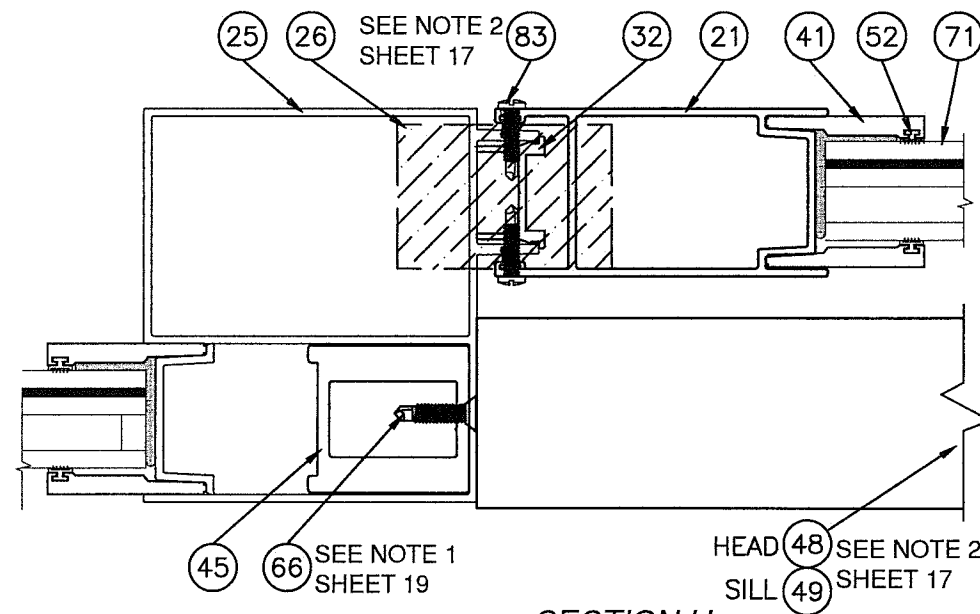
**SECTION Q**

LOCK STILE TO NON-REINFORCED EXTERIOR FIXED BUTT STILE



**SECTION S**

NON-REINFORCED EXTERIOR FIXED BUTT STILE TO PLAIN STILE



**SECTION U**

NON-REINFORCED INTERIOR  
FIXED BUTT STILE TO PLAIN STILE

EXTERIOR  
↓

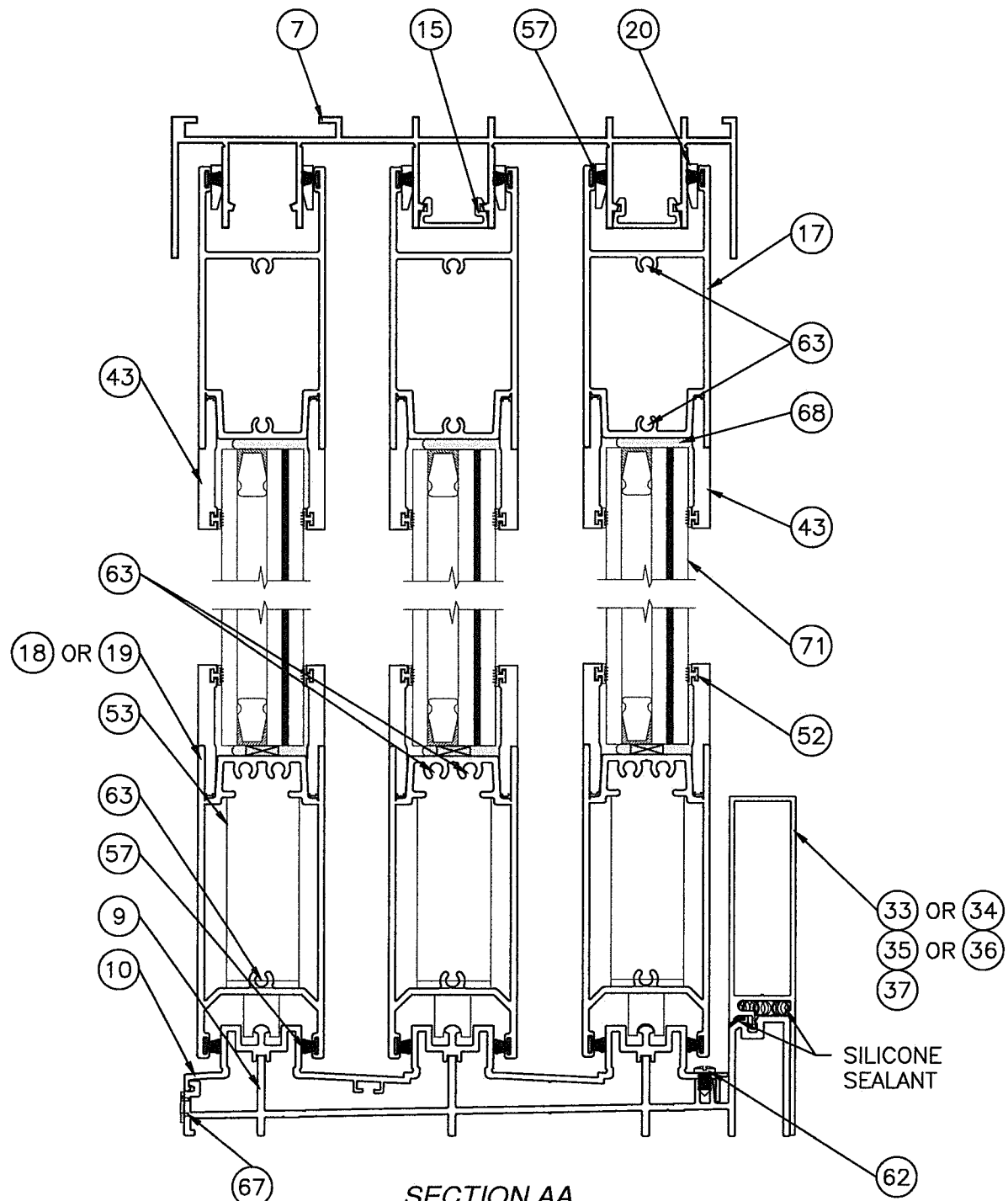
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0814.03  
Expiration Date 03/31/2026  
By *Ishay L. Chank*  
Miami-Dade Product Control

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| WINDOOR®<br>INCORPORATED   |  | PREPARED BY A. LYNN MILLER<br>1070 TECHNOLOGY DRIVE<br>N. VENICE, FL 34275<br>(941) 480-1600<br>REGISTRATION #29296 |  |              |          |
| WINDOOR INCORPORATED<br>104 TRIPLE DIAMOND BLVD.<br>NORTH VENICE, FL 34275<br>(833) 554-5432 |  | ALUMINUM SLIDING GLASS DOOR (LM)  |  | Date         | 08/05/20 |
| SECTION VIEWS - HORIZONTAL   |  | By  |  | ERIN KOSS    |          |
| Sheet  |  | DWG No.   |  | 8100-LMI-NOA |          |
| 20 OF 35   |  | Rev.  |  |              |          |
| SGD8100A   |  | Title   |  |              |          |
| Series Desc.   |  | Section   |  |              |          |

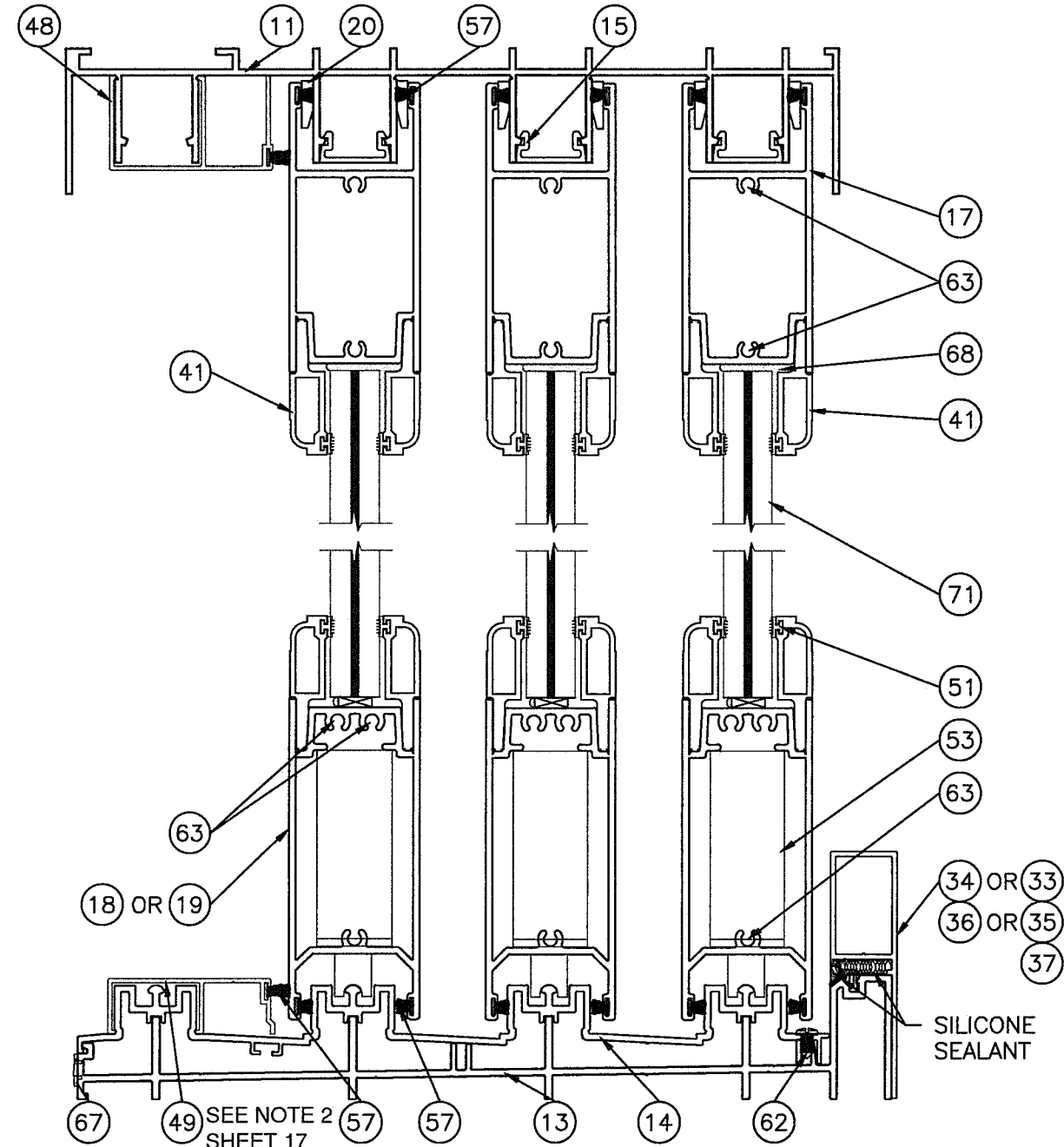


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**SECTION AA**  
3 TRACK FRAME SYSTEM  
SEE D.P. TABLE SHEETS 9 & 10

SEE NOTE 2  
SHEET 17



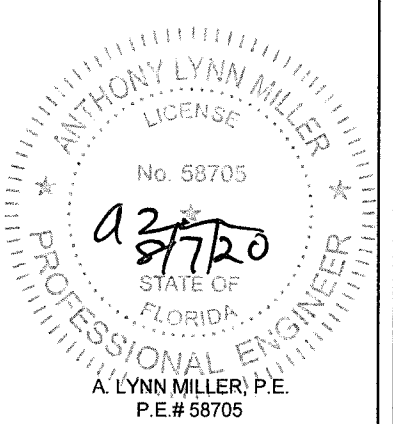
**SECTION BB**  
4 TRACK FRAME SYSTEM  
SEE D.P. TABLE SHEETS 9 & 10

EXTERIOR  
←

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Building Code  
NOA-No. 20-0814.03  
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By Ishaq I. Chank  
Miami-Dade Product Control

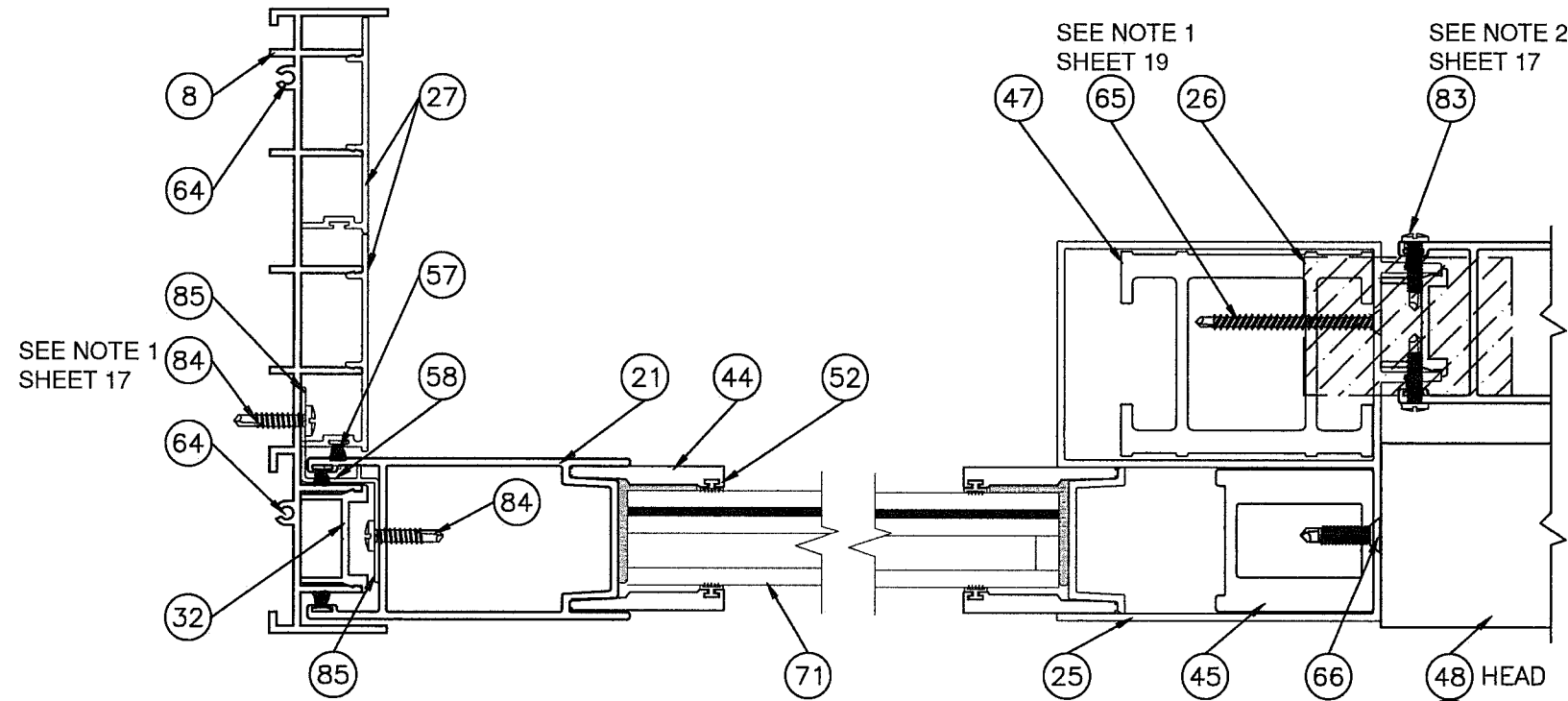
Revision: NO CHANGES THIS SHEET.

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| WINDOOR®<br>INCORPORATED   |  | PREPARED BY A. LYNN MILLER<br>1070 TECHNOLOGY DRIVE<br>N. VENICE, FL 34275<br>(941) 480-1600<br>REGISTRATION #29296 |          |           |          |
| WINDOOR INCORPORATED<br>104 TRIPLE DIAMOND BLVD.<br>NORTH VENICE, FL 34275<br>(833) 554-5432 |  | ALUMINUM SLIDING GLASS DOOR (LM)  |          | Date      | 08/05/20 |
| SECTION VIEWS - VERTICAL   |  | By  |          | ERIN KOSS |          |
| SGD8100A   |  | Sheet   | 21 OF 35 |           | DWC      |
| No.  |  | 8100-LMI-NOA  |          | Rev.      |          |
| Series Desc  |  | Title   |          |           |          |

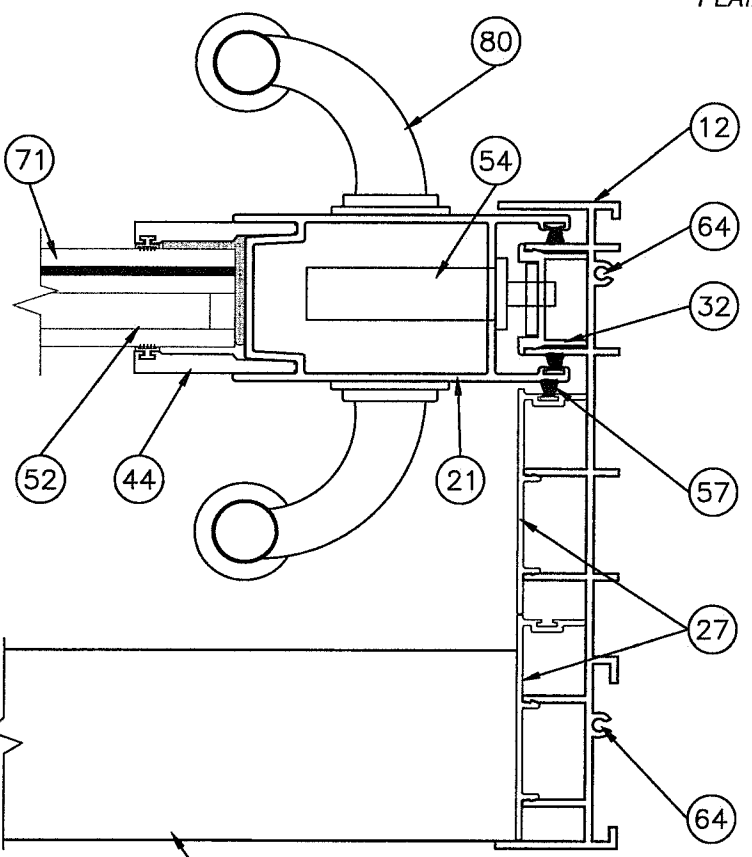




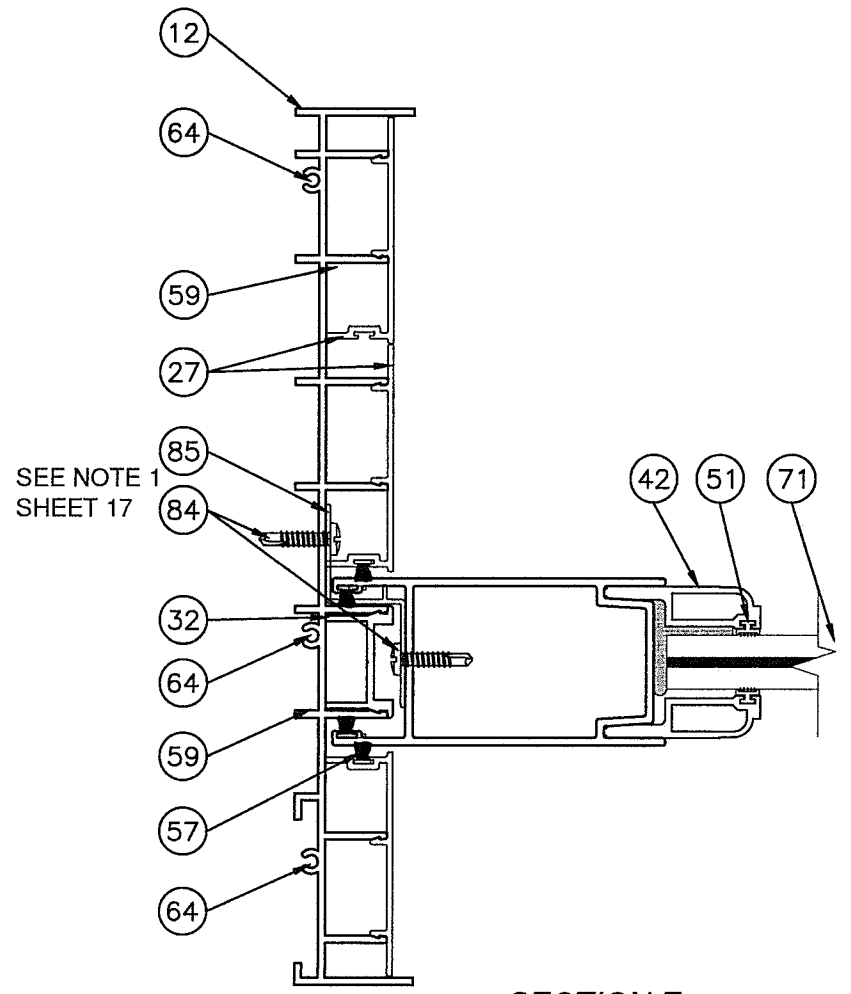
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SECTION EE  
PLAIN STILE AT 3 TRACK JAMB



SECTION V  
LOCK STILE AT 3 TRACK JAMB



SECTION Z  
FIXED PANEL AT 4 TRACK JAMB

EXTERIOR  
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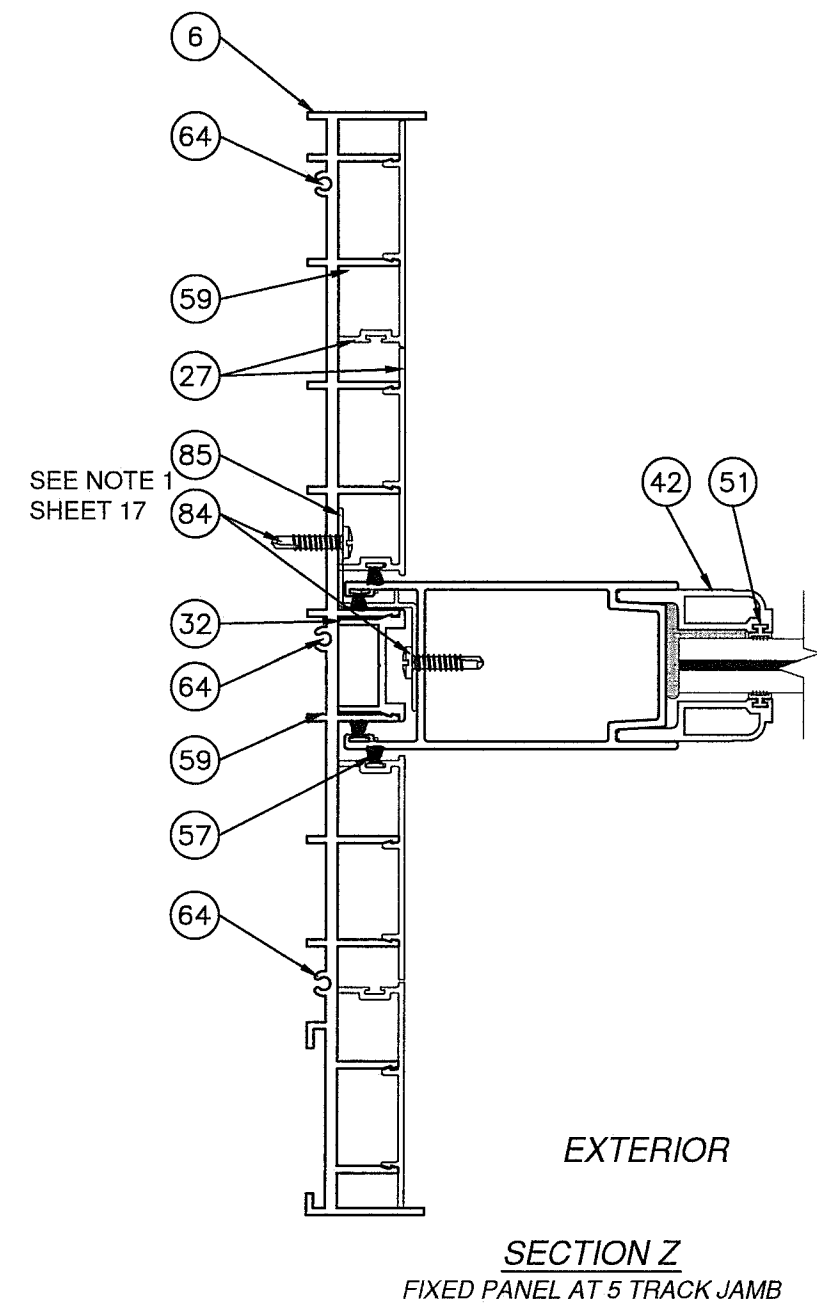
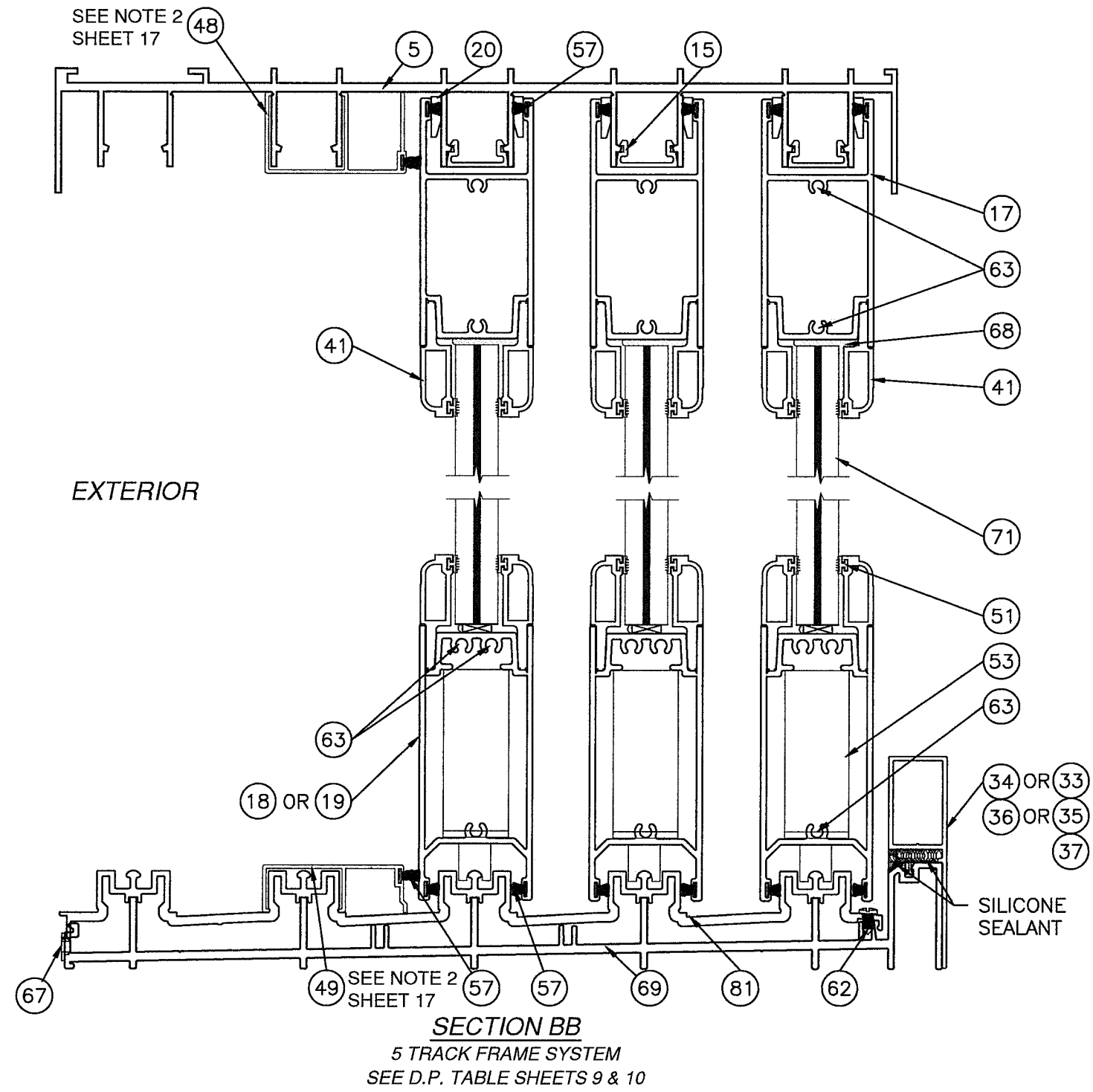
**PRODUCT REVISED**  
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NOA-No. 20-0814.03  
Expiration Date 03/31/2026  
By Ishag I. Chande  
Miami-Dade Product Control

Revision: NO CHANGES THIS SHEET.

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| WINDOOR <sup>®</sup><br>INCORPORATED<br>WINDOOR INCORPORATED<br>104 TRIPLE DIAMOND BLVD.<br>NORTH VENICE, FL 34275<br>(833) 554-5432 | ALUMINUM SLIDING GLASS DOOR (LM) | SECTION VIEWS - HORIZONTAL | SGD8100A | 22 OF 35 | DWG No. 8100-LMI-NOA | Rev.          |
|  |                                  |                            |          |          |                      | By ERIN KOSS  |
|  |                                  |                            |          |          |                      | Date 08/05/20 |
|  |                                  |                            |          |          |                      |               |

ANTHONY LYNN MILLER  
LICENSE  
No. 58705  
a2/8/7/20  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
A. LYNN MILLER, P.E.  
P.E.# 58705

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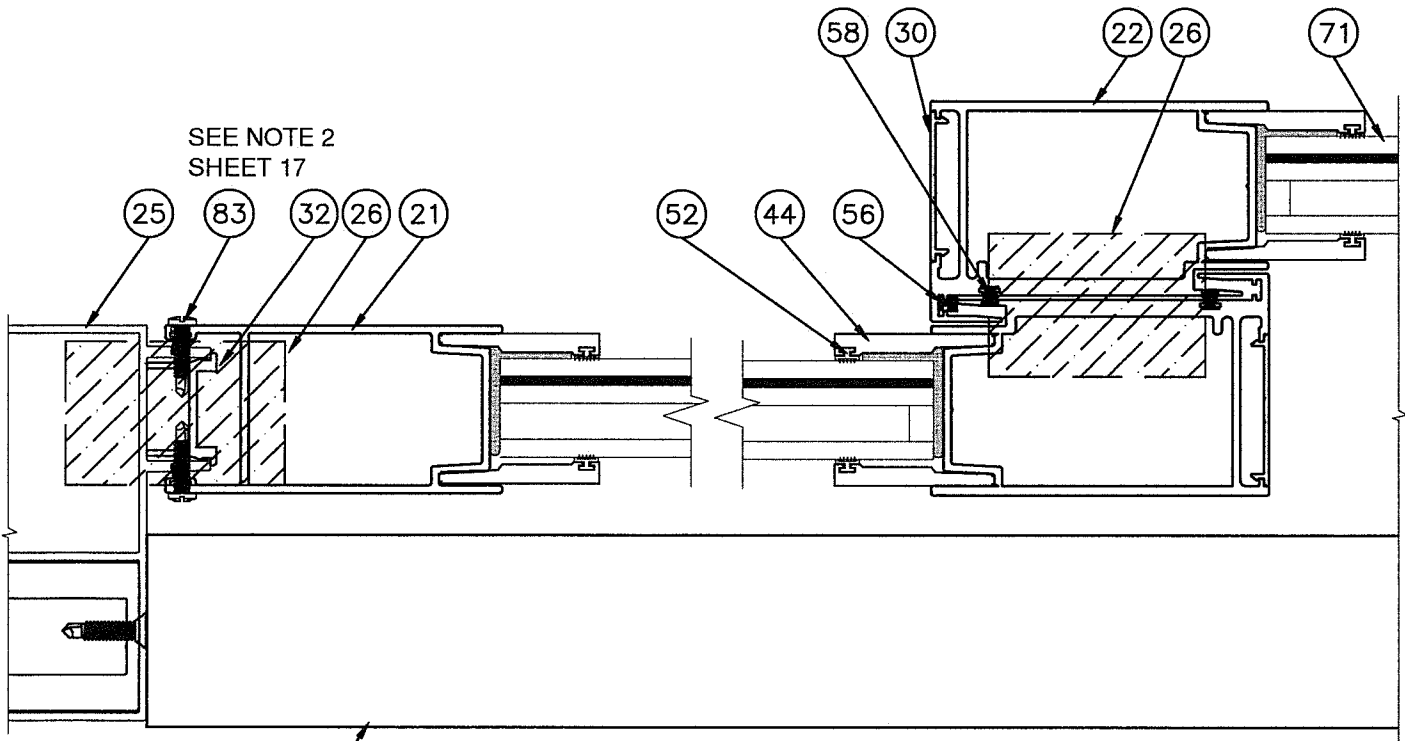
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| WINDOOR INCORPORATED<br>104 TRIPLE DIAMOND BLVD.<br>NORTH VENICE, FL 34275<br>(833) 554-5432 |       | ALUMINUM SLIDING GLASS DOOR (LM)  |  | Date      | 08/05/20     |
| Series Desc.   | Title |   |  |           |              |
| SECTION VIEWS - 5T   |       | By  |  | ERIN KOSS |              |
| SGD8100A   | Sheet | 23 OF 35  |  | DWG No.   | 8100-LMI-NOA |
|  |       |   |  | Rev.      |              |

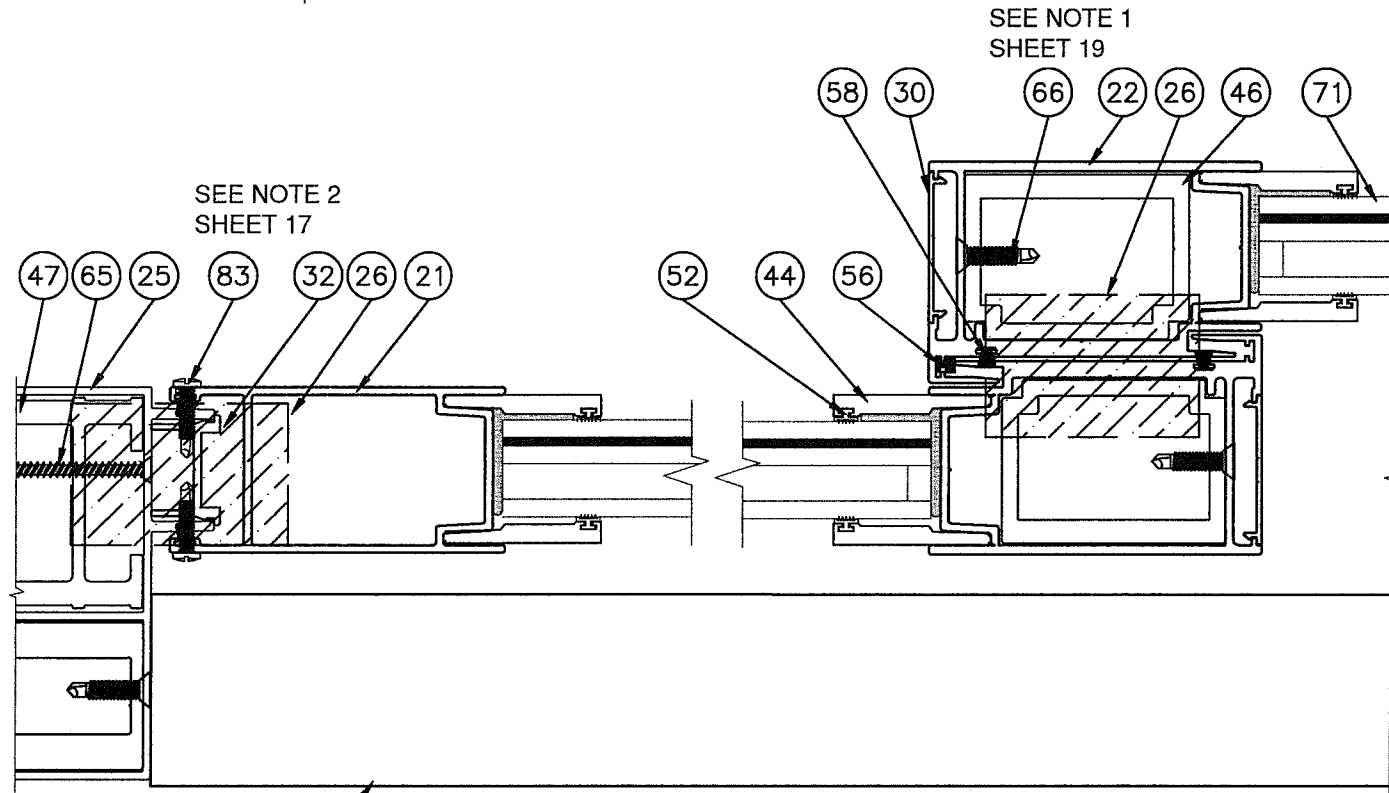
ANTHONY LYNN MILLER  
LICENSE  
No. 58705  
A2  
8/7/20  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER  
A. LYNN MILLER, P.E.  
P.E.# 58705

FOR ILLUSTRATION PURPOSES ONLY FOR INSTALLATION DETAILS REFER TO SHEETS 25-31



SEE NOTE 2  
SHEET 17  
48 HEAD  
49 SILL

**SECTION DD**  
NON-REINFORCED FIXED PANEL  
TO FIXED PANEL AND INTERLOCK



SEE NOTE 2  
SHEET 17  
48 HEAD  
49 SILL

**SECTION CC**  
REINFORCED FIXED PANEL  
TO FIXED PANEL INTERLOCK

EXTERIOR  
↓

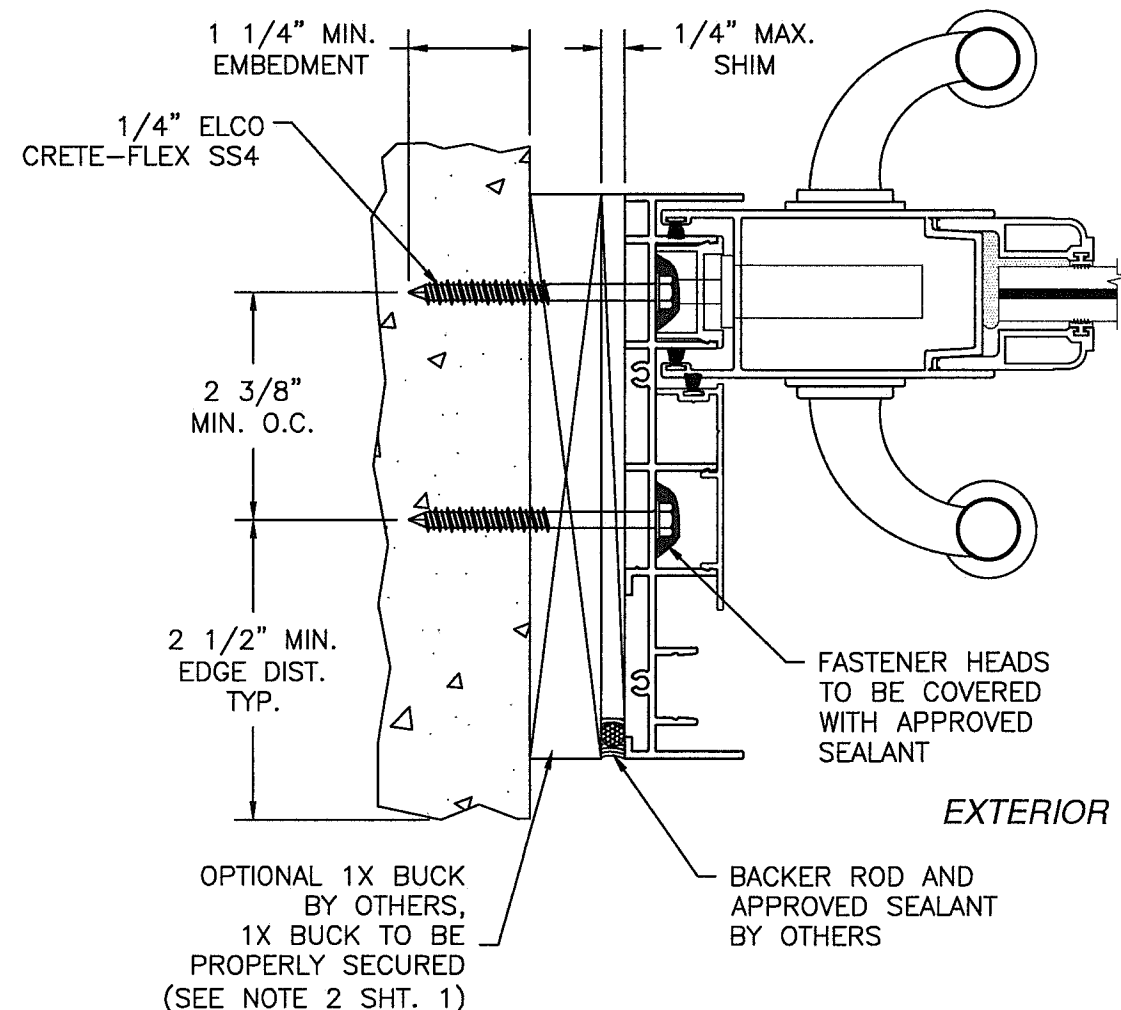
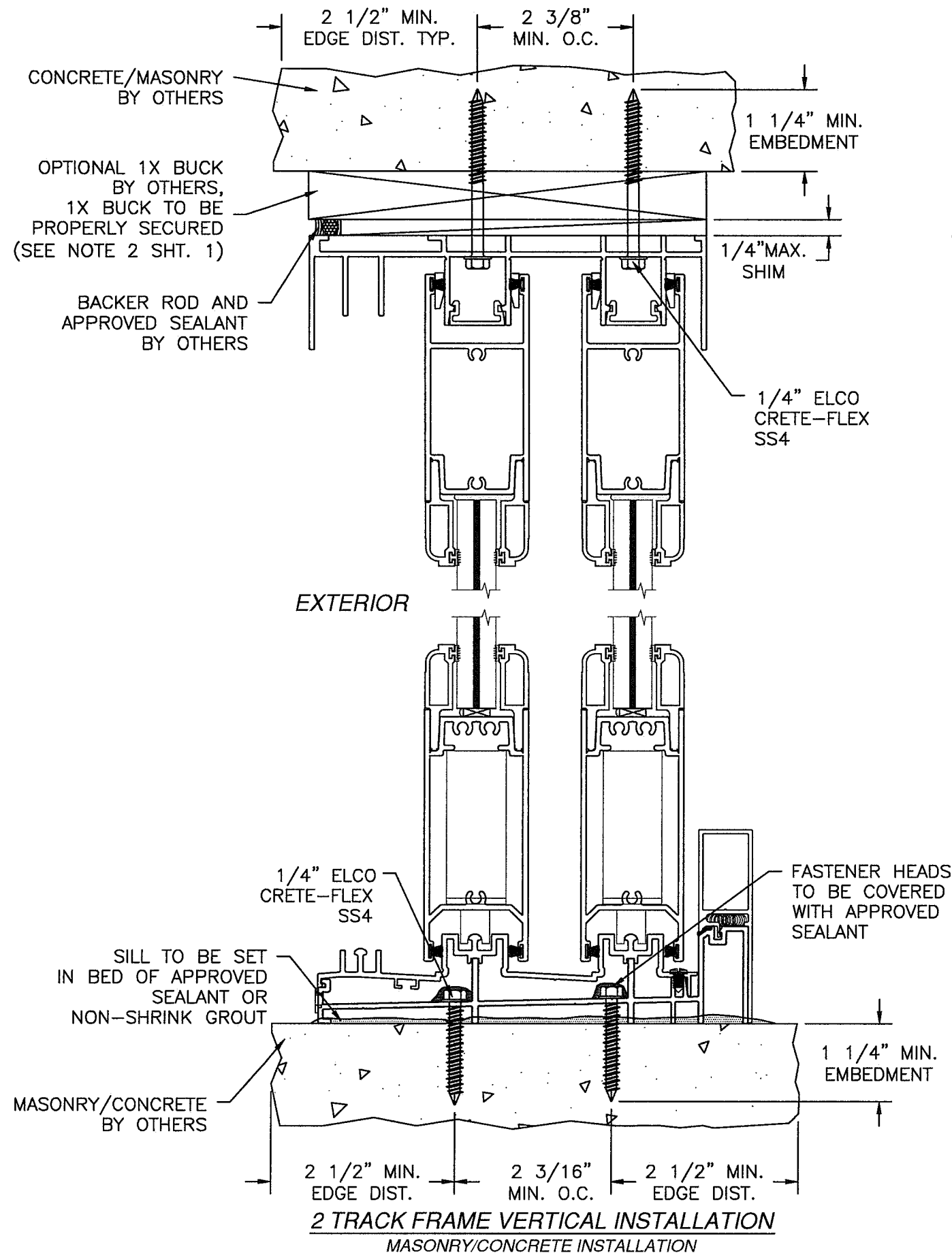
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0814.03  
Expiration Date 03/31/2026  
By *Isaac L. Chande*  
Miami-Dade Product Control

Revision: NO CHANGES THIS SHEET.

|  |  |   |  |
|--|--|---|--|
| WINDOOR®<br>INCORPORATED   |  | PREPARED BY A. LYNN MILLER<br>1070 TECHNOLOGY DRIVE<br>N. VENICE, FL 34275<br>(941) 480-1600<br>REGISTRATION #29296 |  |
| WINDOOR INCORPORATED<br>104 TRIPLE DIAMOND BLVD.<br>NORTH VENICE, FL 34275<br>(833) 554-5432 |  | ALUMINUM SLIDING GLASS DOOR (LM)  |  |
| SECTION VIEWS - HORIZONTAL   |  | Date 08/05/20   |  |
| By ERIN KOSS   |  | Rev.  |  |
| DWC No.  |  | 8100-LMI-NOA  |  |
| Sheet  |  | 24 OF 35  |  |
| SGD8100A   |  | 8100-LMI-NOA  |  |

ANTHONY LYNN MILLER  
LICENSE  
No. 58705  
a2  
8/7/20  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
A. LYNN MILLER, P.E.  
P.E.# 58705





**2 TRACK FRAME JAMB INSTALLATION**  
1X BUCK TO MASONRY/CONCRETE INSTALLATION.

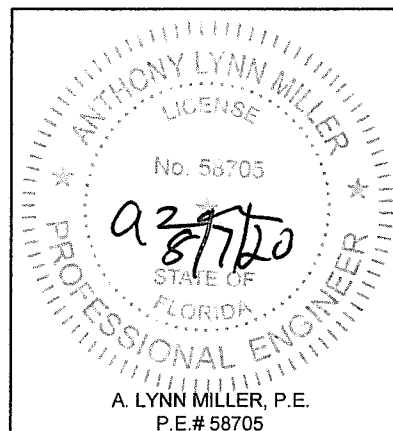
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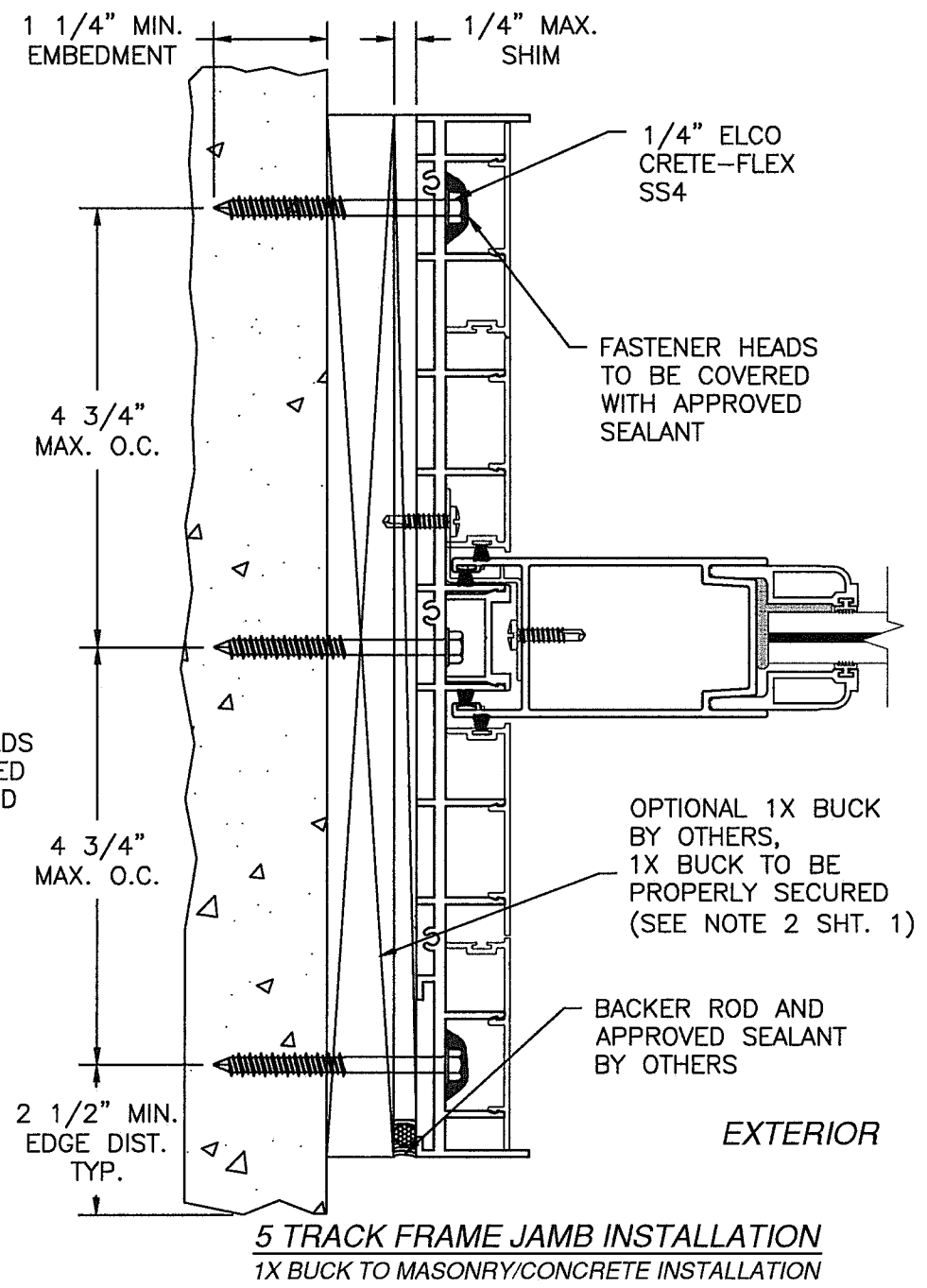
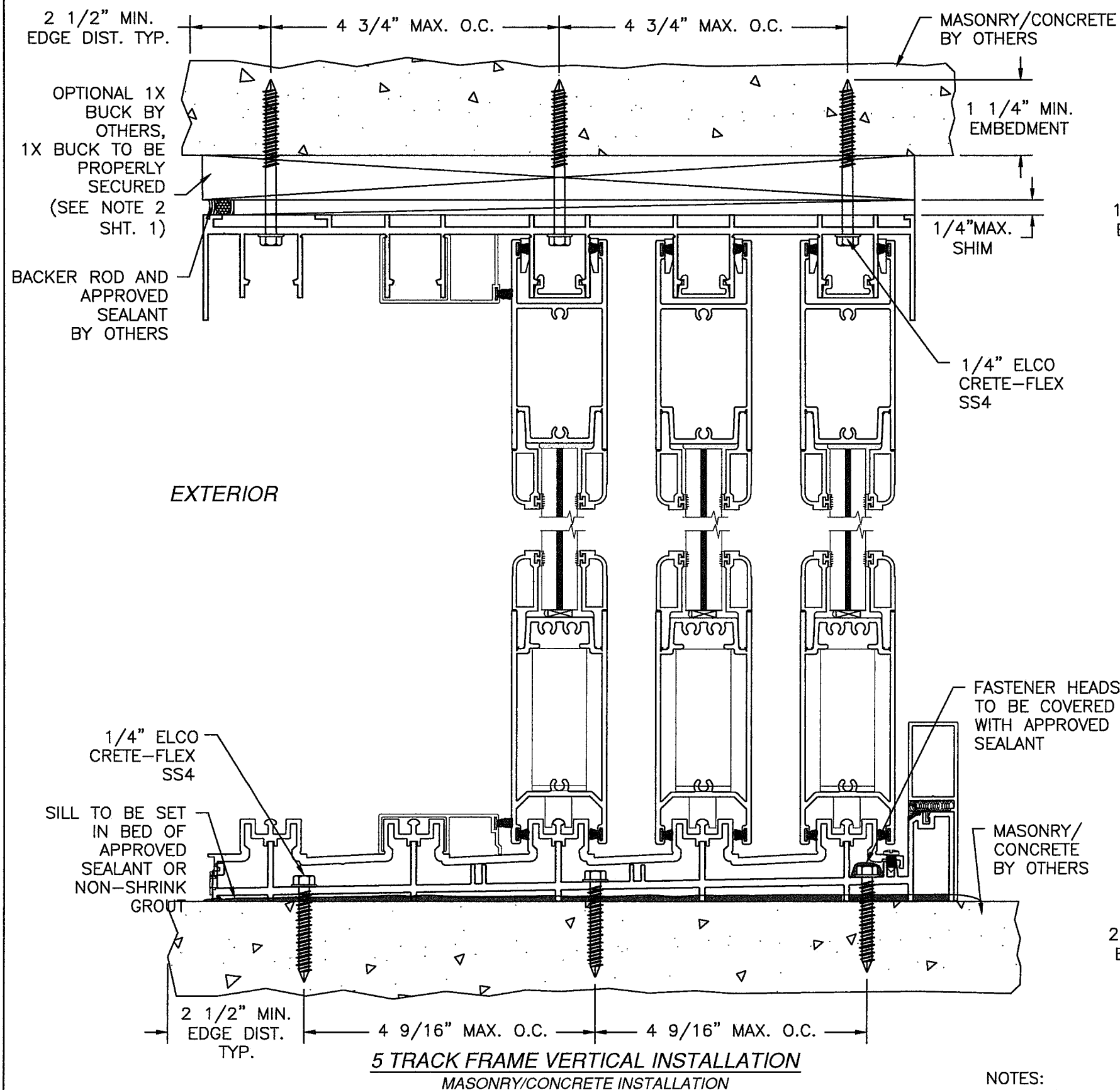
1. CONCRETE SUBSTRATE INSTALLATION FOR 2 TRACK SHOWN. ANCHORAGE SIMILAR FOR 3 TRACK AND 4 TRACK SYSTEMS. SEE SHEET 13 FOR O.C. ANCHOR SEPARATION.
2. 2 TRACK WITH 3" SILL RISER SHOWN. 3 TRACK, 4 TRACK & 5 TRACK ARE SIMILAR. ALL APPLICABLE SILL RISERS MAYBE USED. SEE D.P. TABLES SHEETS 9 & 10.

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 20-0814.03  
Expiration Date 03/31/2026  
By *Ishag I. Chande*  
Miami-Dade Product Control

NO CHANGES THIS SHEET.

|  |   |              |  |  |
|--|---|--------------|--|--|
| <div>WINDOOR®</div> <div>INCORPORATED</div> <div>WINDOOR INCORPORATED<br/>104 TRIPLE DIAMOND BLVD.<br/>NORTH VENICE, FL 34275<br/>(833) 554-5432</div> | PREPARED BY A. LYNN MILLER<br>1070 TECHNOLOGY DRIVE<br>N. VENICE, FL 34275<br>(941) 480-1600<br>REGISTRATION #29296 |              |  |  |
|  | ALUMINUM SLIDING GLASS DOOR (LM)  |              |  |  |
|  | Date  | 08/05/20     |  |  |
|  | By  | ERIN KOSS    |  |  |
|  | DWG No.   | 8100-LMI-NOA |  |  |
|  | Sheet   | 25 OF 35     |  |  |
| SGD8100A   |   |              |  |  |
| INSTALLATION DETAILS - MASONRY   |   |              |  |  |
| Rev.   |   |              |  |  |



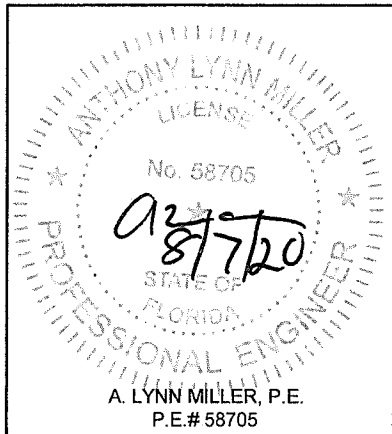


- NOTES:
1. CONCRETE SUBSTRATE INSTALLATION FOR 5 TRACK SHOWN. SEE SHEET 13 FOR O.C. ANCHOR SEPARATION.
  2. 5 TRACK WITH 3\" SILL RISER SHOWN. 2 TRACK, 3 TRACK & 4 TRACK ARE SIMILAR. ALL APPLICABLE SILL RISERS MAYBE USED. SEE D.P. TABLES SHEETS 9 & 10.

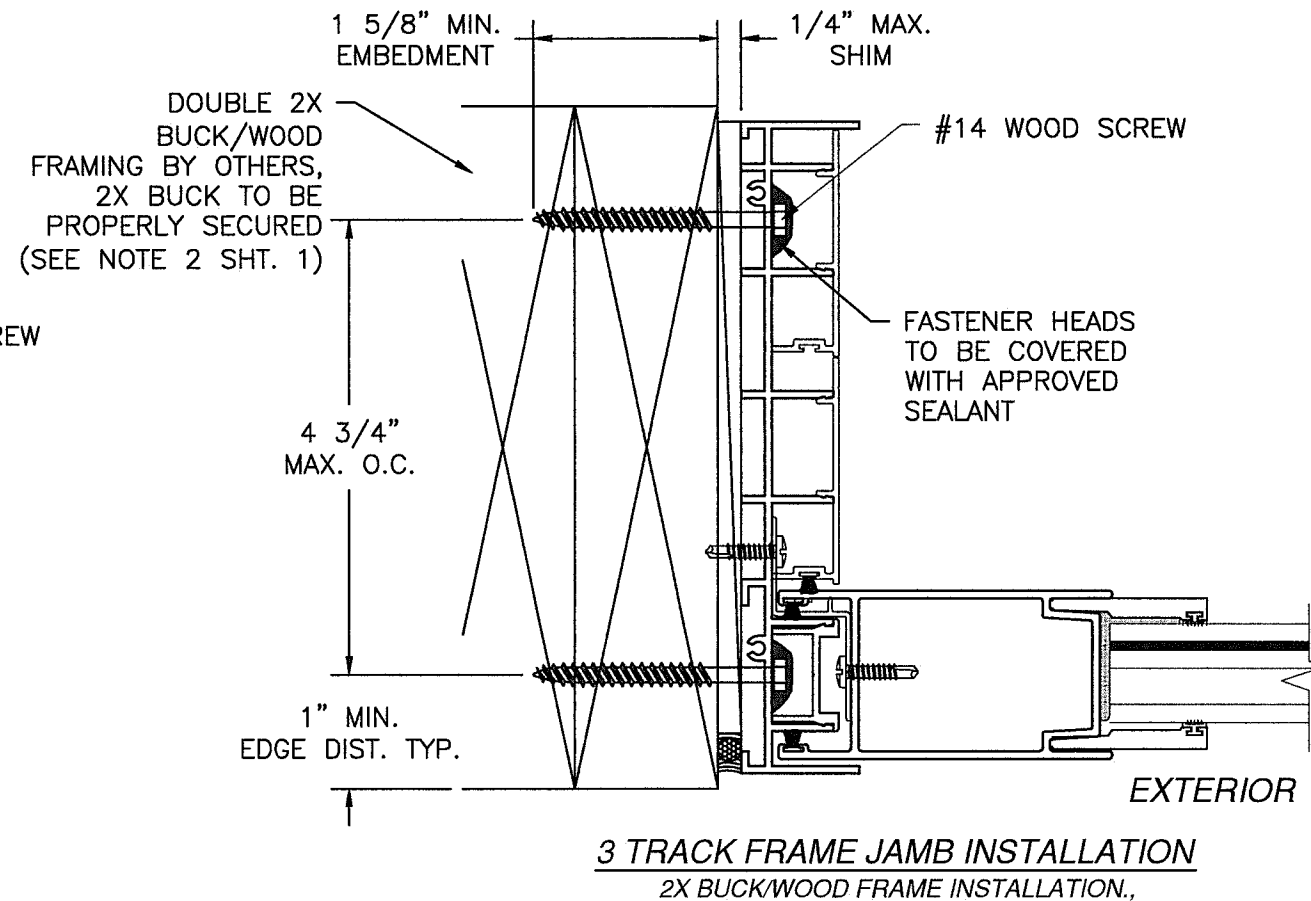
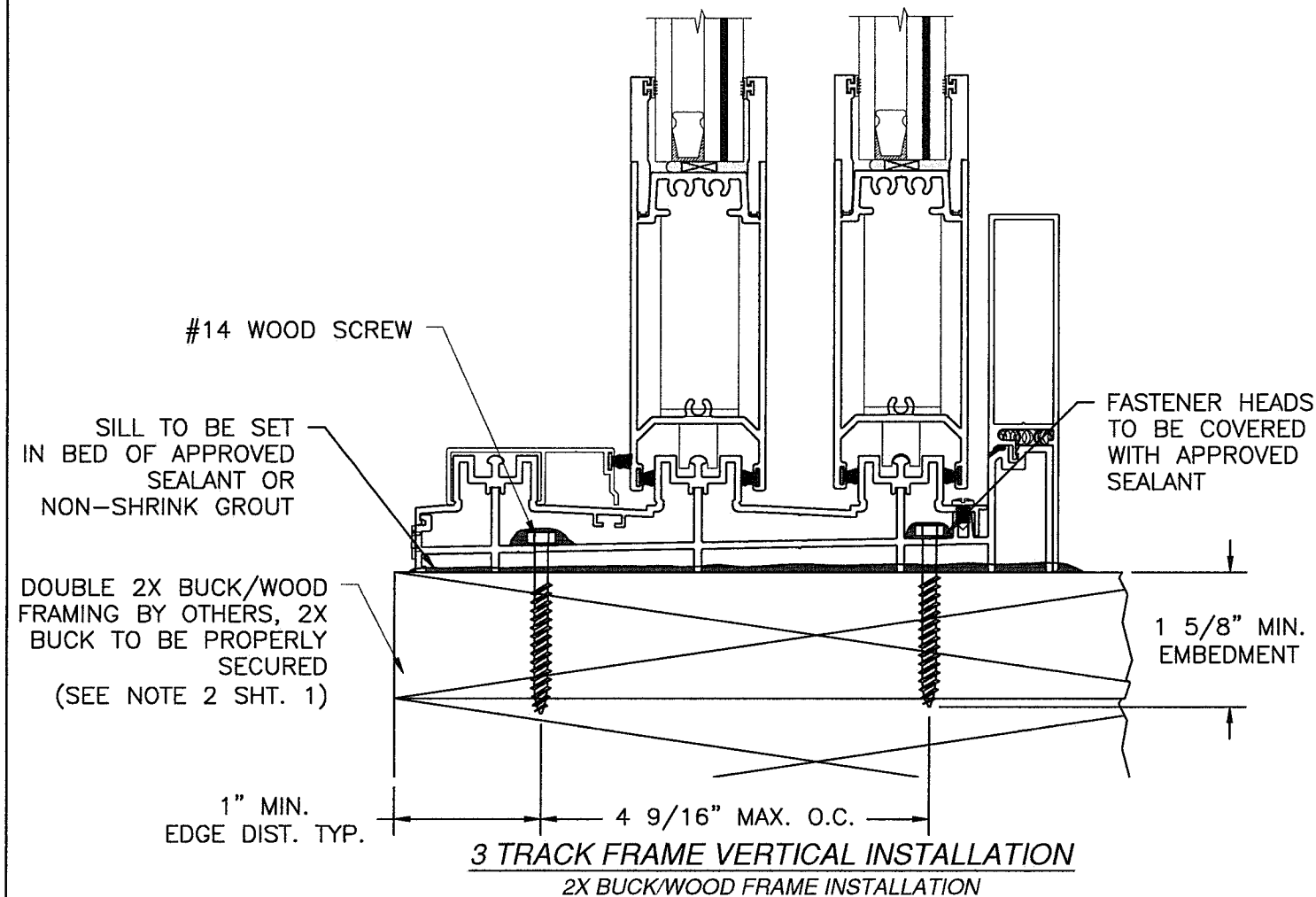
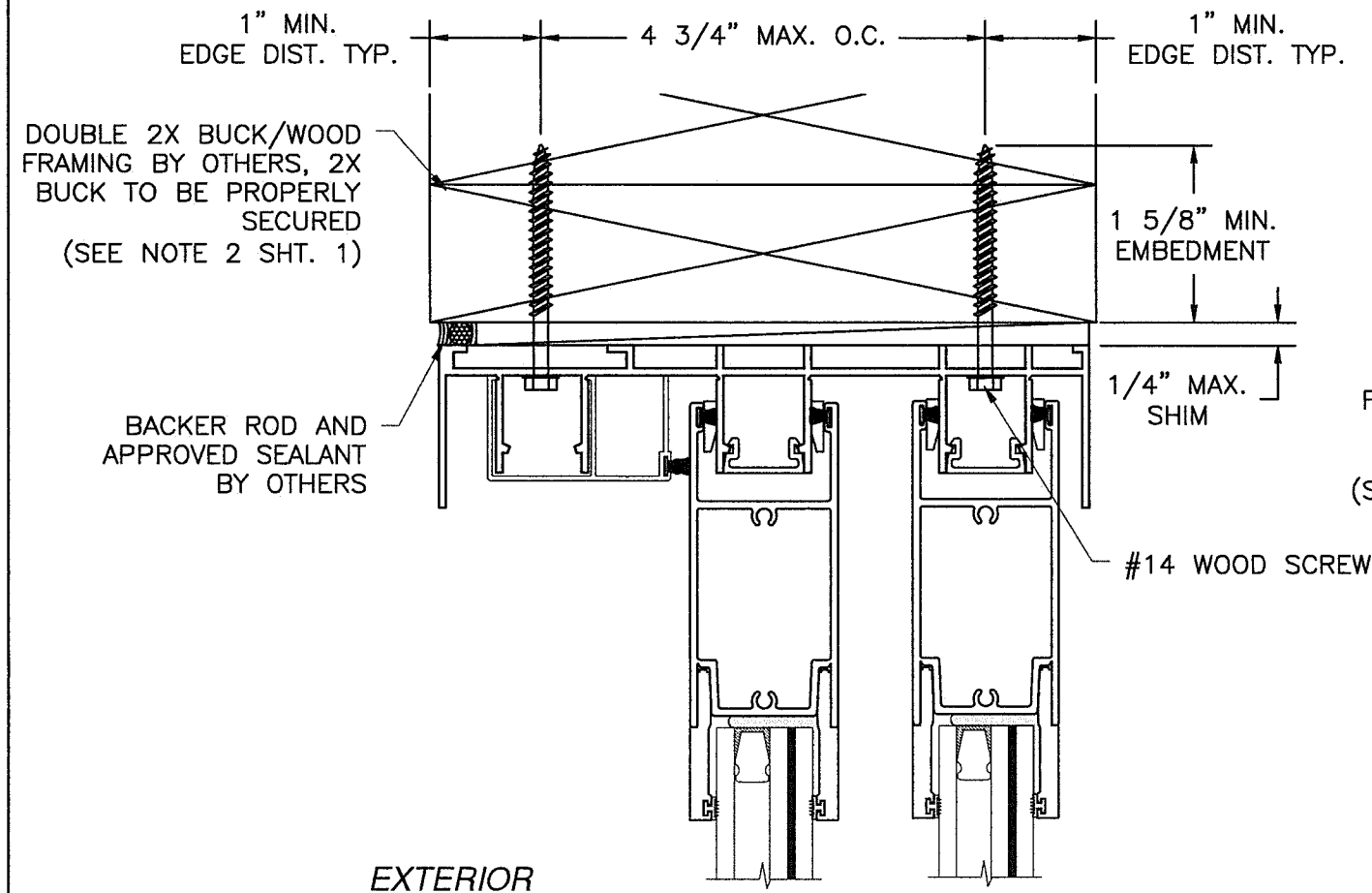
**PRODUCT REVISED**  
 as complying with the Florida  
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 NOA-No. 20-0814.03  
 Expiration Date 03/31/2026  
 By *Ishag I. Chande*  
 Miami-Dade Product Control

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|   |                                  |              |           |
|---|----------------------------------|--------------|-----------|
| PREPARED BY A. LYNN MILLER<br>1070 TECHNOLOGY DRIVE<br>N. VENICE, FL 34275<br>(941) 480-1600<br>REGISTRATION #29296             | 08/05/20                         |              | Rev.      |
|   | Date                             | By           | ERIN KOSS |
| <b>WINDOOR®</b><br>INCORPORATED<br>WINDOOR INCORPORATED<br>104 TRIPLE DIAMOND BLVD.<br>NORTH VENICE, FL 34275<br>(833) 554-5432 | ALUMINUM SLIDING GLASS DOOR (LM) |              | No.       |
|   | INSTALL. DETAILS - MASONRY 5T    |              | DWG       |
| SGD8100A  |                                  | 26 OF 35     | Sheet     |
| Series Desc.  |                                  | 8100-LMI-NOA |           |







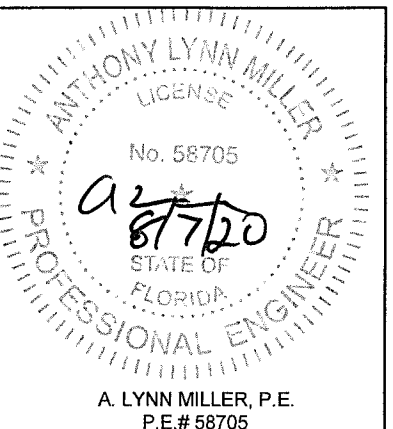
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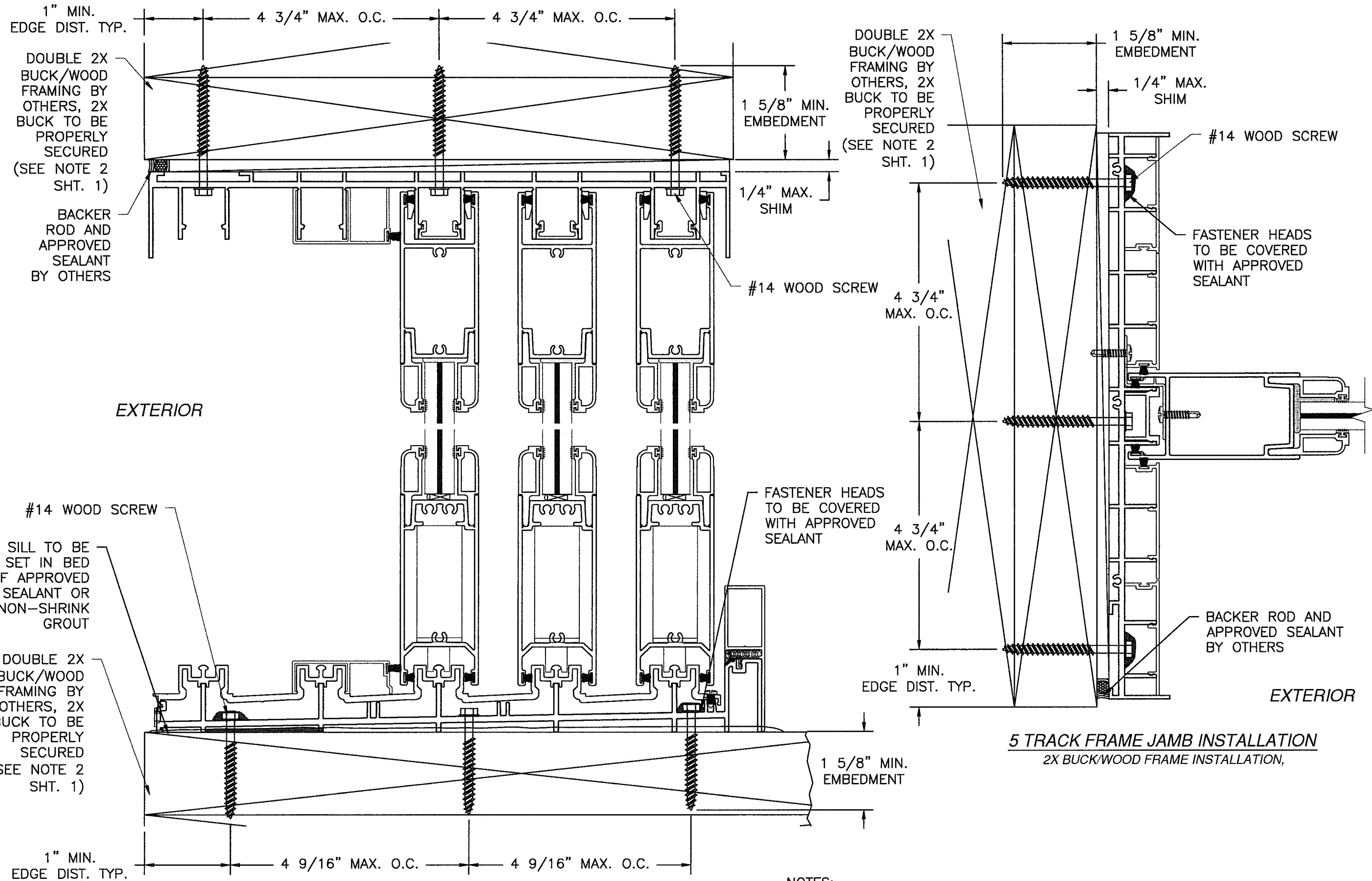
- 2X BUCK/WOOD FRAME SUBSTRATE INSTALLATION FOR 3 TRACK SHOWN. ANCHORAGE SIMILAR FOR 2 TRACK AND 4 TRACK SYSTEMS. SEE SHEET 13 FOR O.C. ANCHOR SEPARATION.
- 3 TRACK WITH 4-1/4" SILL RISER SHOWN. 3 TRACK, 4 TRACK & 5 TRACK ARE SIMILAR. ALL APPLICABLE SILL RISERS MAYBE USED. SEE D.P. TABLES SHEETS 9 & 10.

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as complying with the Florida  
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NOA-No. 20-0814.03  
Expiration Date 03/31/2026  
By *Ishag I. Chande*  
Miami-Dade Product Control

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|   |   |                                  |              |                    |
|---|---|----------------------------------|--------------|--------------------|
| <b>WINDOOR®</b><br>INCORPORATED<br>WINDOOR INCORPORATED<br>104 TRIPLE DIAMOND BLVD.<br>NORTH VENICE, FL 34275<br>(833) 554-5432 | PREPARED BY A. LYNN MILLER<br>1070 TECHNOLOGY DRIVE<br>N. VENICE, FL 34275<br>(941) 480-1600<br>REGISTRATION #29296 | ALUMINUM SLIDING GLASS DOOR (LM) | ERIN KOSS    | Rev.               |
|   |   |                                  |              | Date               |
|   |   |                                  |              | By                 |
|   |   |                                  |              | DWG No.            |
| SGD8100A  | INSTALLATION DETAILS - WOOD   | 27 OF 35                         | 8100-LMI-NOA | Sheet              |
|   |   |                                  |              | Series Desc. Title |





- NOTES:
- 2X BUCK/WOOD FRAME SUBSTRATE INSTALLATION FOR 5 TRACK SHOWN. SEE SHEET 13 FOR O.C. ANCHOR SEPARATION.
  - 5 TRACK WITH 3" SILL RISER SHOWN. 2 TRACK, 3 TRACK & 4 TRACK ARE SIMILAR. ALL APPLICABLE SILL RISERS MAYBE USED. SEE D.P. TABLES SHEETS 9 & 10.

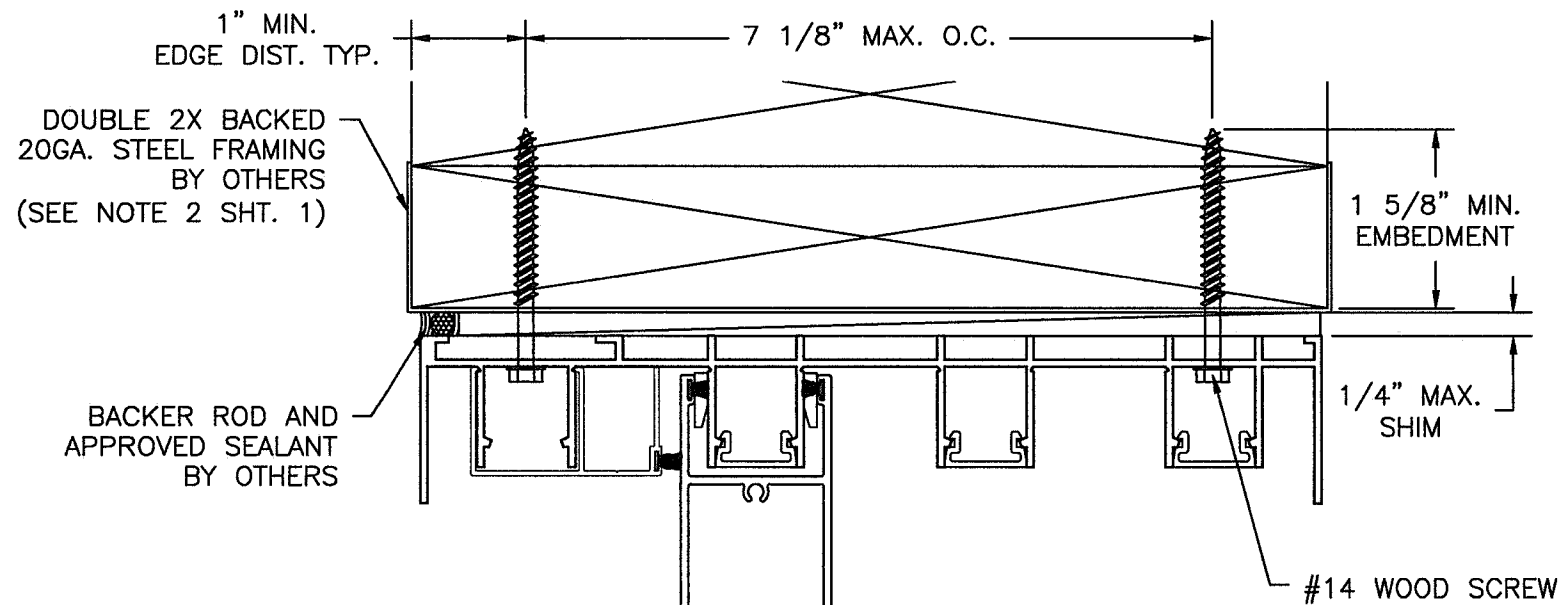
**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 20-0814.03  
Expiration Date 03/31/2026  
By *Isaac I. Chandra*  
Miami-Dade Product Control

Revision: NO CHANGES THIS SHEET.

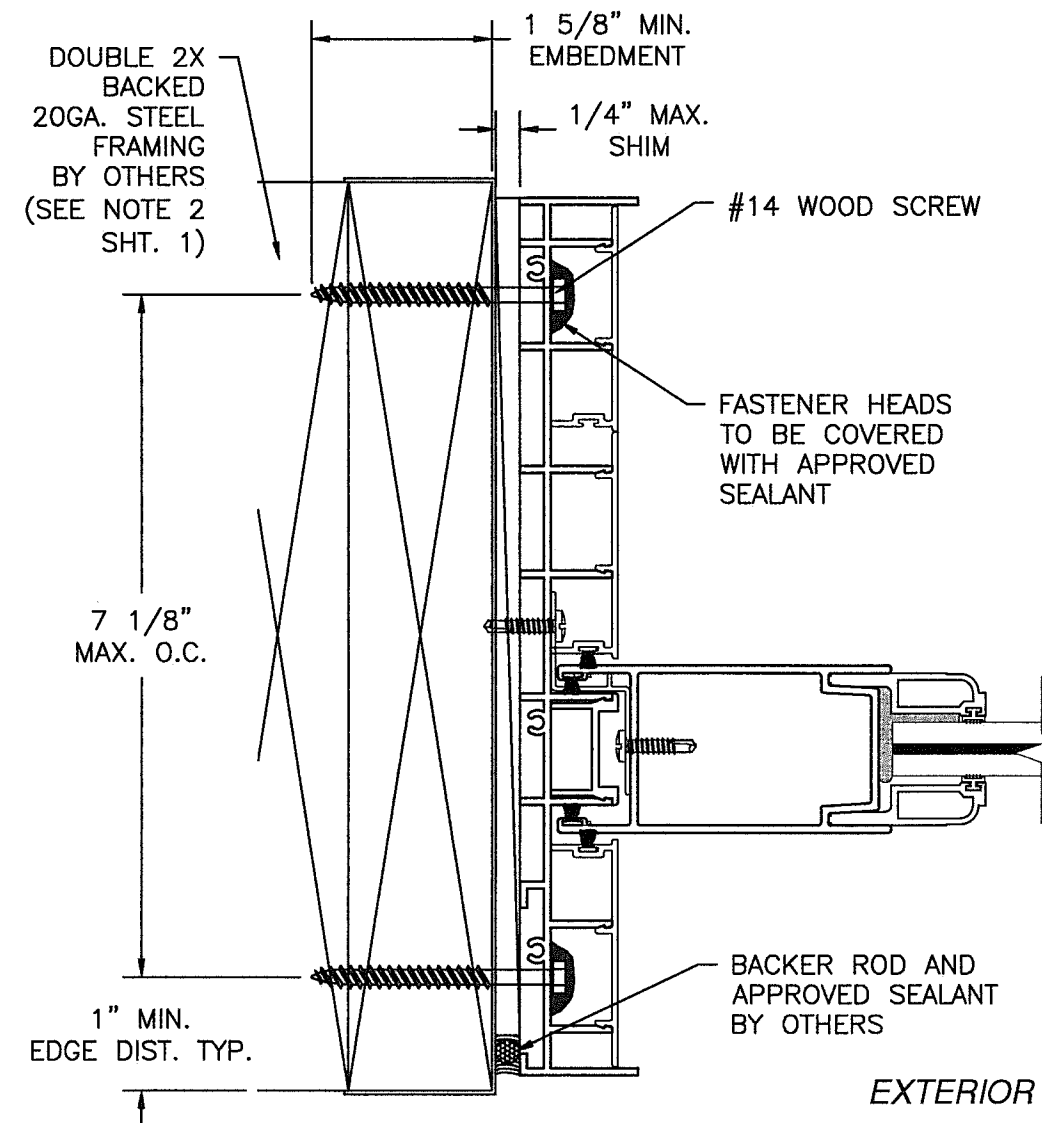
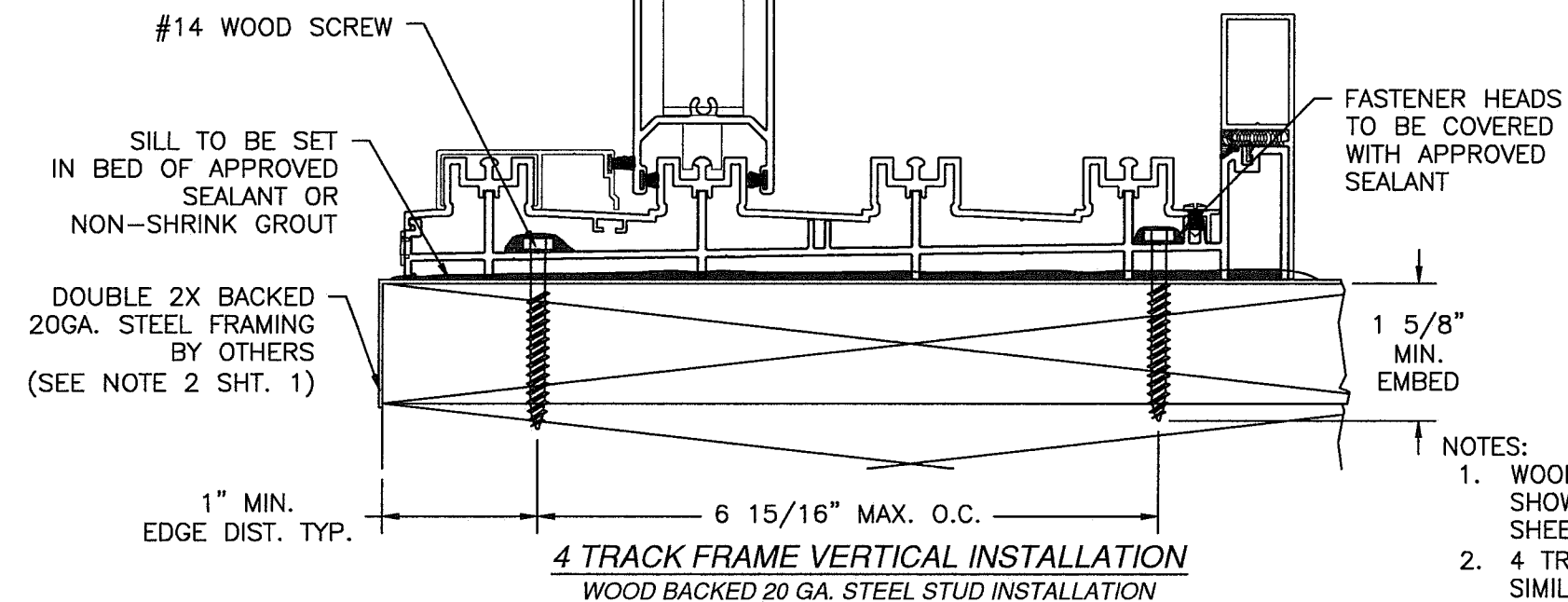
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|--|--|---|--------------|
| WINDOOR®<br>INCORPORATED   |  | PREPARED BY A. LYNN MILLER<br>1070 TECHNOLOGY DRIVE<br>N. VENICE, FL 34275<br>(941) 480-1600<br>REGISTRATION #29296 |              |
| WINDOOR INCORPORATED<br>104 TRIPLE DIAMOND BLVD.<br>NORTH VENICE, FL 34275<br>(833) 554-5432 |  |   |              |
| ALUMINUM SLIDING GLASS DOOR (LM)   |  | Date  | 08/05/20     |
| INSTALL. DETAILS - WOOD 5T   |  | By  | ERIN KOSS    |
| Sheet  |  | Dwg. No.  | 8100-LMI-NOA |
| SGD8100A   |  | Rev.  |              |
| 28 OF 35   |  |   |              |
| Series Desc.   |  |   |              |







EXTERIOR



**4 TRACK FRAME JAMB INSTALLATION**  
WOOD BACKED 20 GA. STEEL STUD INSTALLATION.

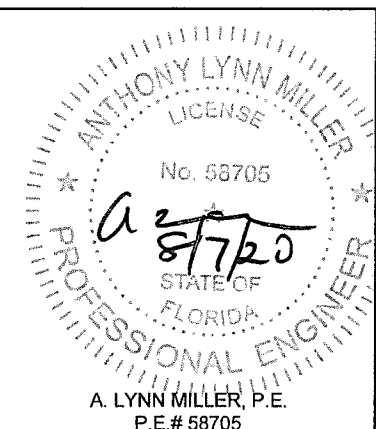
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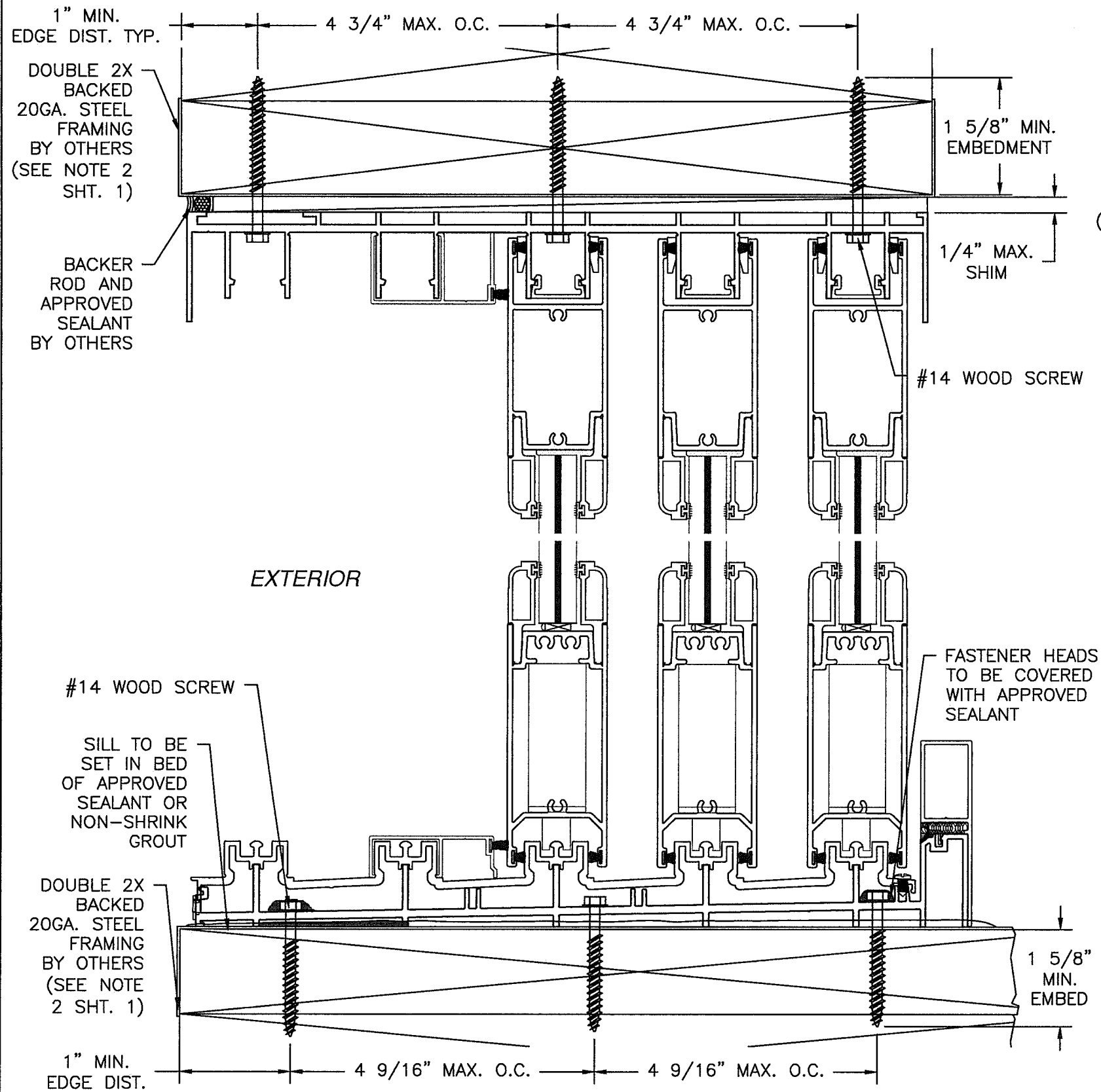
1. WOOD BACKED 20 GA. STEEL STUD SUBSTRATE INSTALLATION FOR 4 TRACK SHOWN. ANCHORAGE SIMILAR FOR 2 TRACK AND 3 TRACK SYSTEMS. SEE SHEET 13 FOR O.C. ANCHOR SEPARATION.
2. 4 TRACK WITH 3" SILL RISER SHOWN. 2 TRACK, 3 TRACK & 5 TRACK ARE SIMILAR. ALL APPLICABLE SILL RISERS MAYBE USED. SEE D.P. TABLES SHEETS 9 & 10.

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 20-0814.03  
Expiration Date 03/31/2026  
By *Isaac I. Chandra*  
Miami-Dade Product Control

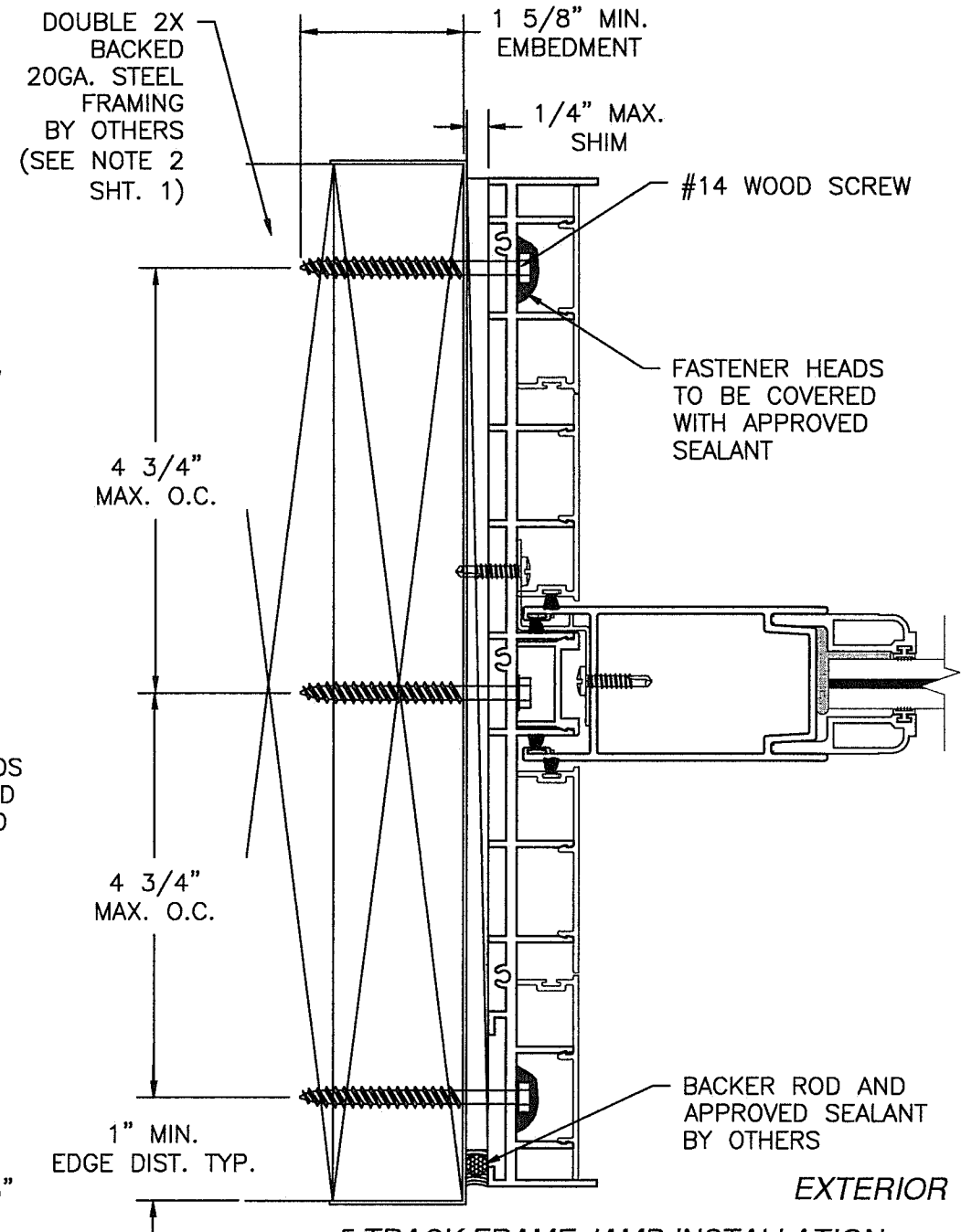
NO CHANGES THIS SHEET.

|   |   |                  |                 |              |         |
|---|---|------------------|-----------------|--------------|---------|
| <b>WINDOOR®</b><br>INCORPORATED<br>WINDOOR INCORPORATED<br>104 TRIPLE DIAMOND BLVD.<br>NORTH VENICE, FL 34275<br>(833) 554-5432 | PREPARED BY A. LYNN MILLER<br>1070 TECHNOLOGY DRIVE<br>N. VENICE, FL 34275<br>(941) 480-1600<br>REGISTRATION #29296 | 08/05/20<br>Date | ERIN KOSS<br>By | 8100-LMI-NOA | Rev.    |
|   |   |                  |                 |              |         |
| ALUMINUM SLIDING GLASS DOOR (LM)  | INSTALLATION DETAILS - STEEL  | 29 OF 35         | Sheet           | SGD8100A     | DWG No. |
|   |   |                  |                 |              |         |





**5 TRACK FRAME VERTICAL INSTALLATION**  
WOOD BACKED 20 GA. STEEL STUD INSTALLATION



**5 TRACK FRAME JAMB INSTALLATION**  
WOOD BACKED 20 GA. STEEL STUD INSTALLATION

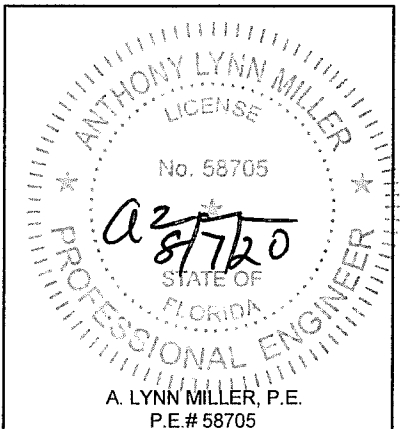
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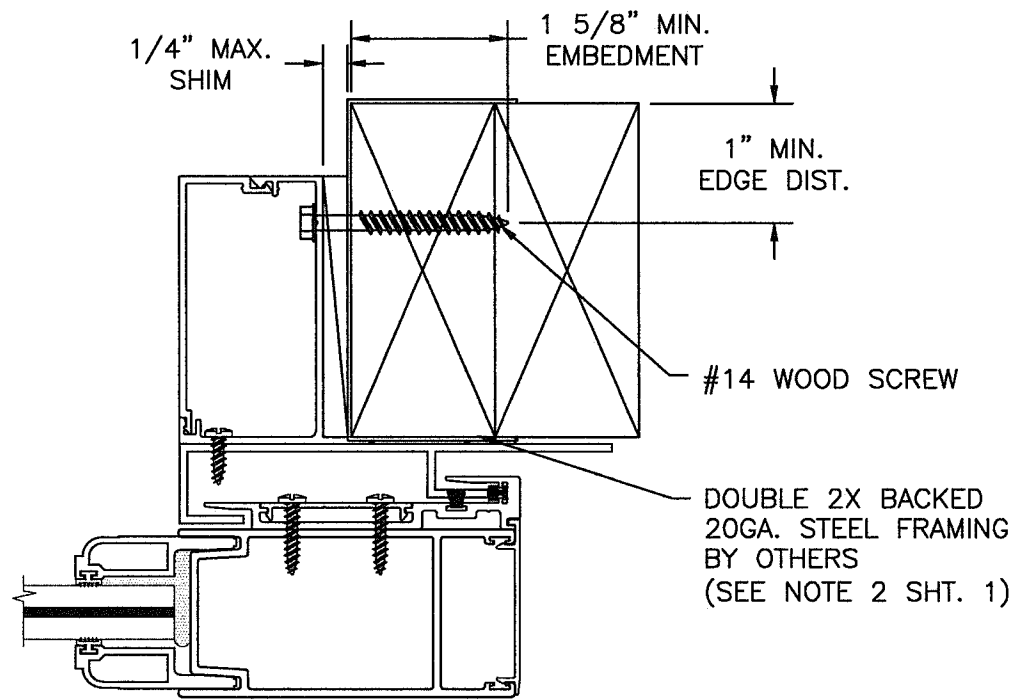
1. WOOD BACKED 20 GA. STEEL STUD SUBSTRATE INSTALLATION FOR 5 TRACK SHOWN. SEE SHEET 13 FOR O.C. ANCHOR SEPARATION.
2. 5 TRACK WITH 3" SILL RISER SHOWN. 2 TRACK, 3 TRACK & 4 TRACK ARE SIMILAR. ALL APPLICABLE SILL RISERS MAYBE USED. SEE D.P. TABLES SHEETS 9 & 10.

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Building Code  
NOA-No. 20-0814.03  
Expiration Date 03/31/2026  
By *Ishag I. Chande*  
Miami-Dade Product Control

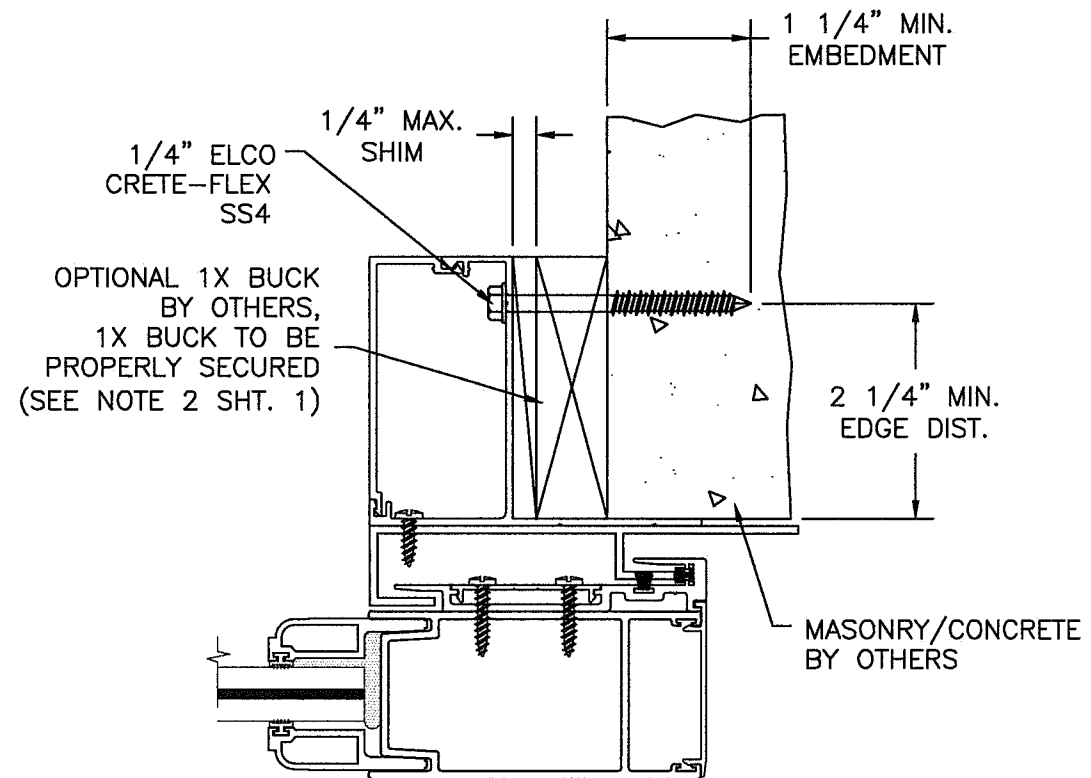
NO CHANGES THIS SHEET.

|   |   |                  |                 |                         |                   |                    |                                      |   |
|---|---|------------------|-----------------|-------------------------|-------------------|--------------------|--------------------------------------|---|
| <b>WINDOOR®</b><br>INCORPORATED<br>WINDOOR INCORPORATED<br>104 TRIPLE DIAMOND BLVD.<br>NORTH VENICE, FL 34275<br>(833) 554-5432 | PREPARED BY A. LYNN MILLER<br>1070 TECHNOLOGY DRIVE<br>N. VENICE, FL 34275<br>(941) 480-1600<br>REGISTRATION #29296 | 08/05/20<br>Date | ERIN KOSS<br>By | 8100-LMI-NOA<br>DWG No. | 30 OF 35<br>Sheet | SGD8100A<br>Series | INSTALL. DETAILS - STEEL 5T<br>Desc. | ALUMINUM SLIDING GLASS DOOR (LM)<br>Title |
|   |   |                  |                 |                         |                   |                    |                                      |   |
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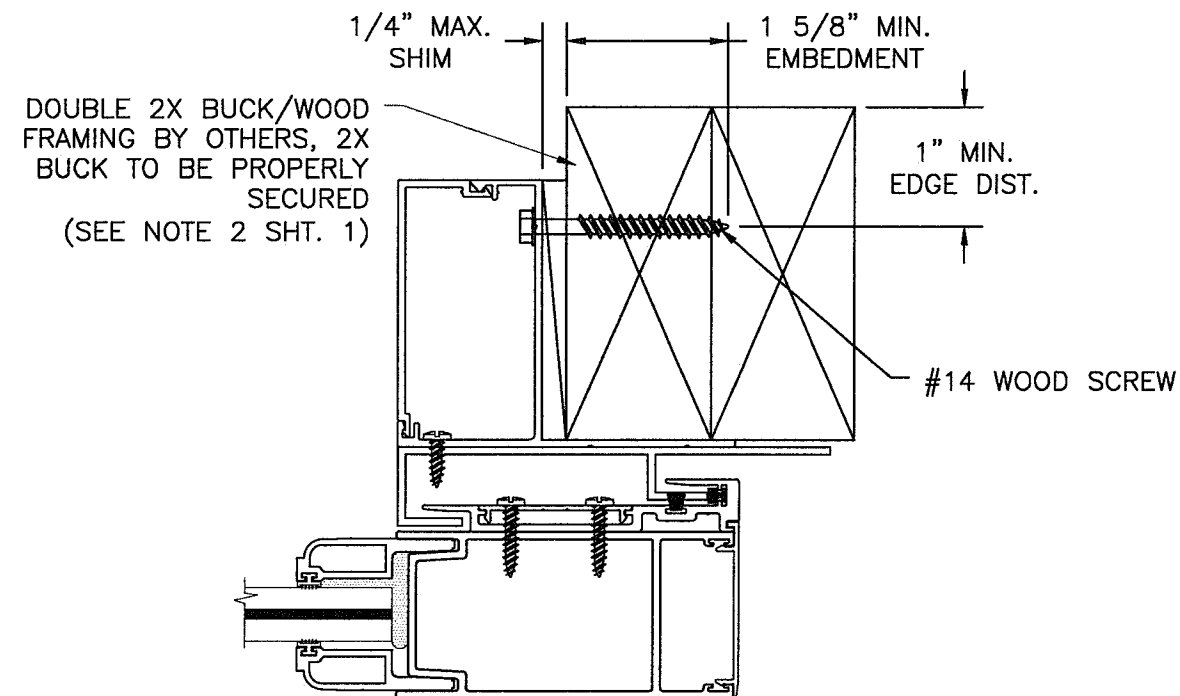




**POCKET HOOK STRIP**  
WOOD BACKED 20 GA. STEEL STUD INSTALLATION



**POCKET HOOK STRIP**  
MASONRY/CONCRETE INSTALLATION



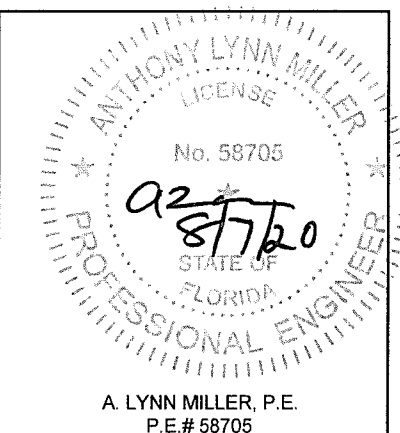
**POCKET HOOK STRIP**  
2X BUCK/WOOD FRAME INSTALLATION

EXTERIOR  
↓

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as complying with the Florida  
Building Code  
NOA-No. 20-0814.03  
Expiration Date 03/31/2026  
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Miami-Dade Product Control

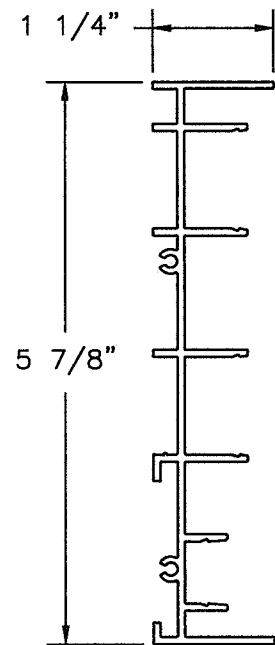
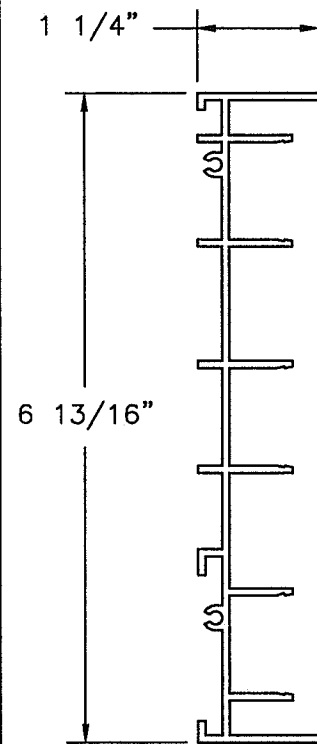
NO CHANGES THIS SHEET.

|   |  |                          |                  |              |
|---|--|--------------------------|------------------|--------------|
| <b>WINDOOR®</b><br>INCORPORATED<br>WINDOOR INCORPORATED<br>104 TRIPLE DIAMOND BLVD.<br>NORTH VENICE, FL 34275<br>(833) 554-5432 | ALUMINUM SLIDING GLASS DOOR (LM)<br>INSTALLATION DETAILS - HOOKSTRIP | ERIN KOSS<br>By<br>Drawn | 08/05/20<br>Date | Rev.         |
|   |  |                          |                  | 8100-LMI-NOA |
|   |  |                          |                  | 31 OF 35     |
|   |  |                          |                  | SGD8100A     |



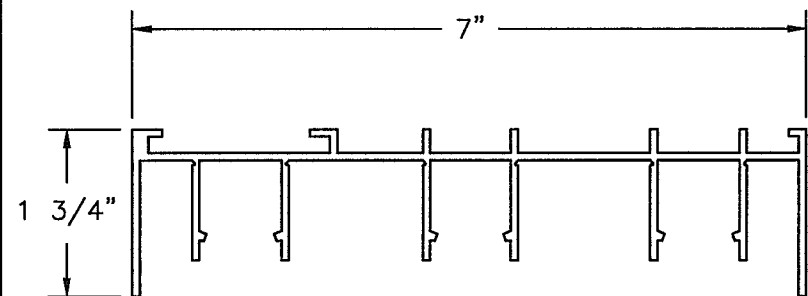
A. LYNN MILLER, P.E.  
P.E.#58705



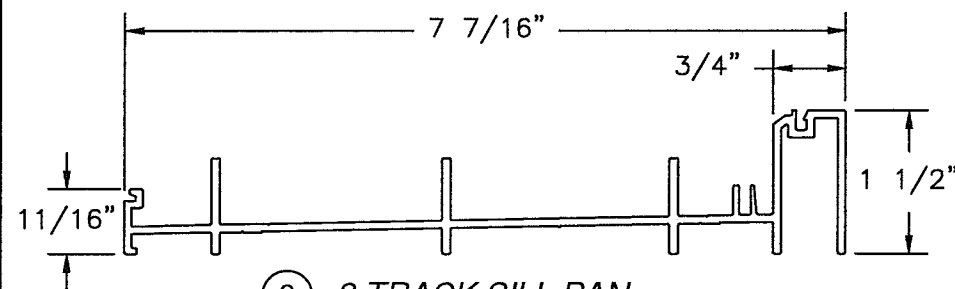


② 2 TRACK WS  
FRAME JAMB  
ALUMINUM 6063-T6 .075" THICK

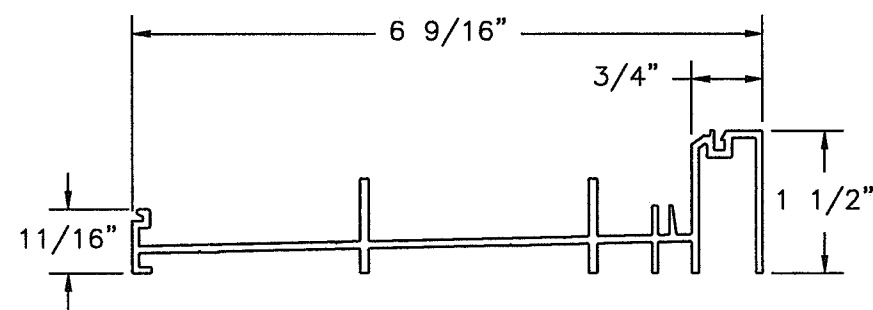
⑧ 3 TRACK FRAME JAMB  
ALUMINUM 6063-T6 .075" THICK



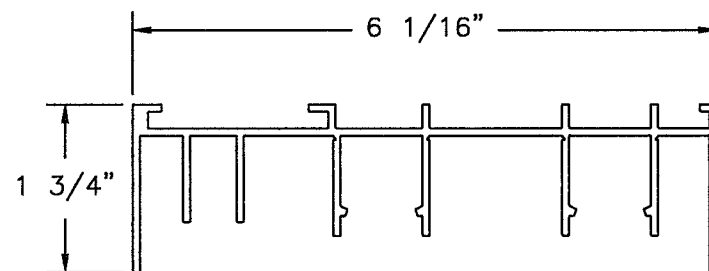
⑦ 3 TRACK FRAME HEAD  
ALUMINUM 6063-T6 .075" THICK



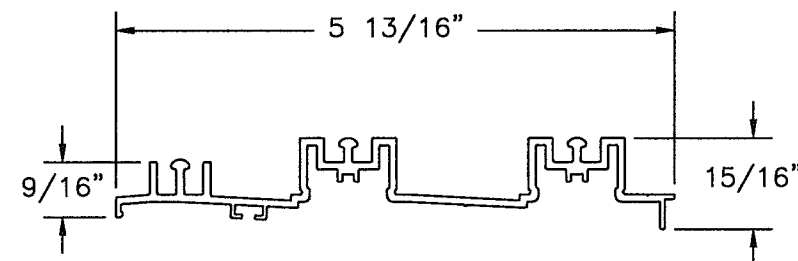
⑨ 3 TRACK SILL PAN  
ALUMINUM 6063-T6 .075" THICK



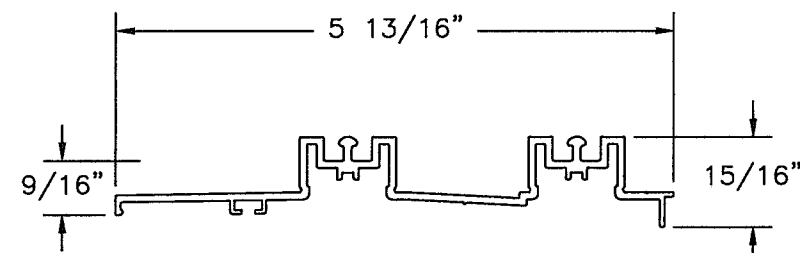
③ 2 TRACK NS/WS SILL PAN  
ALUMINUM 6063-T6 .075" THICK



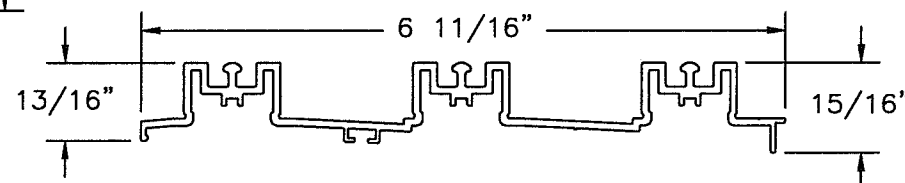
① 2 TRACK WS FRAME HEAD  
ALUMINUM 6063-T6 .075" THICK



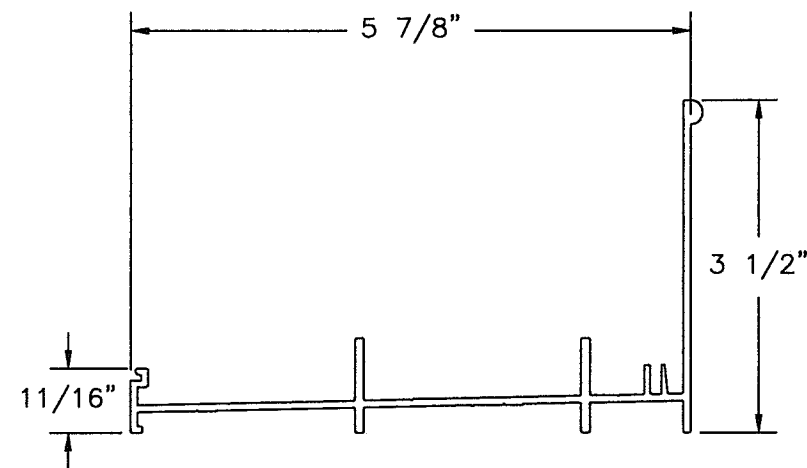
④ 2 TRACK WS SILL INSERT  
ALUMINUM 6063-T6 .075" THICK



⑥ 2 TRACK NS SILL INSERT  
ALUMINUM 6063-T6 .075" THICK



⑩ 3 TRACK SILL INSERT  
ALUMINUM 6063-T6 .075" THICK

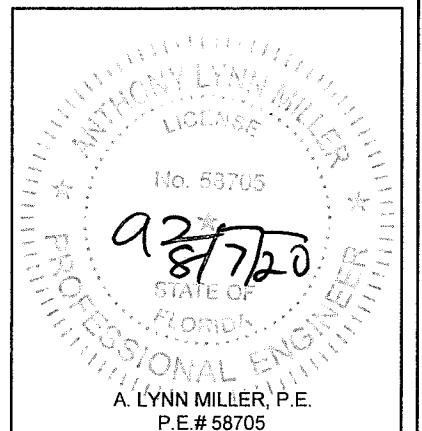


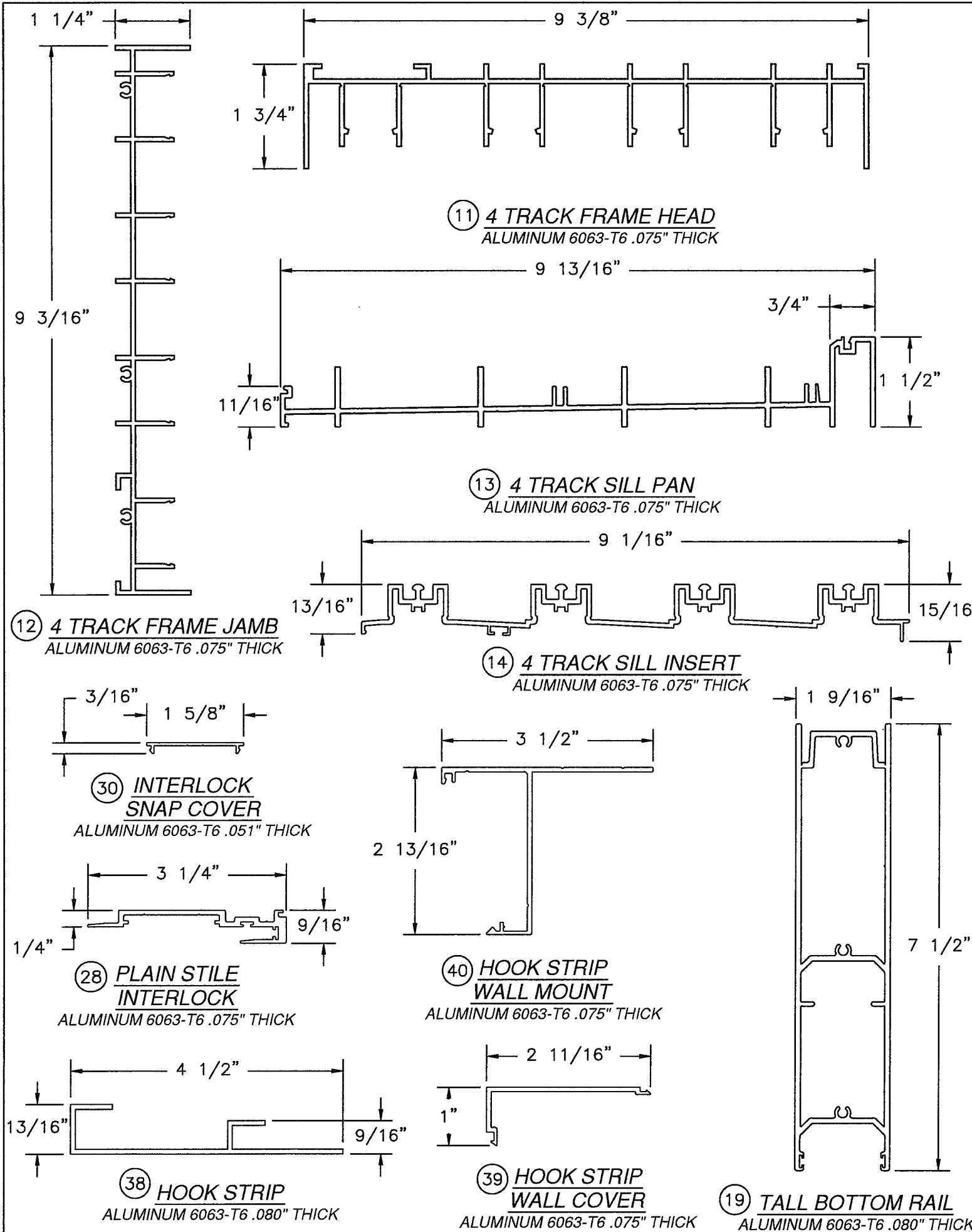
⑦ 2 TRACK WS RETRO SILL PAN  
ALUMINUM 6063-T6 .075" THICK

**PRODUCT REVISED**  
as complying with the Florida  
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NOA-No. 20-0814.03  
Expiration Date 03/31/2026  
By *Isaac I. Chan*  
Miami-Dade Product Control

NO CHANGES THIS SHEET.

|  |  |   |  |
|--|--|---|--|
| WINDOOR®<br>INCORPORATED   |  | PREPARED BY A. LYNN MILLER<br>1070 TECHNOLOGY DRIVE<br>N. VENICE, FL 34275<br>(941) 480-1600<br>REGISTRATION #29296 |  |
| WINDOOR INCORPORATED<br>104 TRIPLE DIAMOND BLVD.<br>NORTH VENICE, FL 34275<br>(833) 554-5432 |  | ALUMINUM SLIDING GLASS DOOR (LM)  |  |
| Title  |  | Date  |  |
| Series Desc.   |  | By Drawn  |  |
| EXTRUSIONS   |  | ERIN KOSS   |  |
| SGD8100A   |  | 8100-LMI-NOA  |  |
| 32 OF 35   |  | No. DWG   |  |
| Sheet  |  | Rev.  |  |





⑪ 4 TRACK FRAME HEAD  
ALUMINUM 6063-T6 .075" THICK

⑬ 4 TRACK SILL PAN  
ALUMINUM 6063-T6 .075" THICK

⑫ 4 TRACK FRAME JAMB  
ALUMINUM 6063-T6 .075" THICK

⑭ 4 TRACK SILL INSERT  
ALUMINUM 6063-T6 .075" THICK

③① INTERLOCK  
SNAP COVER  
ALUMINUM 6063-T6 .051" THICK

②⑧ PLAIN STILE  
INTERLOCK  
ALUMINUM 6063-T6 .075" THICK

④① HOOK STRIP  
WALL MOUNT  
ALUMINUM 6063-T6 .075" THICK

③⑨ HOOK STRIP  
WALL COVER  
ALUMINUM 6063-T6 .075" THICK

①⑨ TALL BOTTOM RAIL  
ALUMINUM 6063-T6 .080" THICK

③② PANEL STILE  
JAMB INSERT  
ALUMINUM 6063-T6 .075" THICK

②⑦ BUMPER  
JAMB INSERT  
ALUMINUM 6063-T6 .060" THICK

②④ MALE BUTT STILE  
EXT. OFFSET  
ALUMINUM 6063-T6 .080" THICK

①⑦ TOP RAIL  
ALUMINUM 6063-T6 .080" THICK

①⑤ FRAME HEAD INSERT  
ALUMINUM 6063-T6 .060" THICK

②③ FEMALE BUTT STILE  
EXT. OFFSET  
ALUMINUM 6063-T6 .080" THICK

②⑤ FEMALE BUTT STILE  
INT. OFFSET  
ALUMINUM 6063-T6 .080" THICK

①⑧ BOTTOM RAIL  
ALUMINUM 6063-T6 .080" THICK

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0814.03  
Expiration Date 03/31/2026  
By Ishag I. Chanda  
Miami-Dade Product Control

NO CHANGES THIS SHEET.

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

**WINDOOR®**  
INCORPORATED  
WINDOOR INCORPORATED  
104 TRIPLE DIAMOND BLVD.  
NORTH VENICE, FL 34275  
(833) 554-5432

08/05/20

Date

By

ERIN KOSS

DWG No.

8100-LMI-NOA

Rev.

33 OF 35

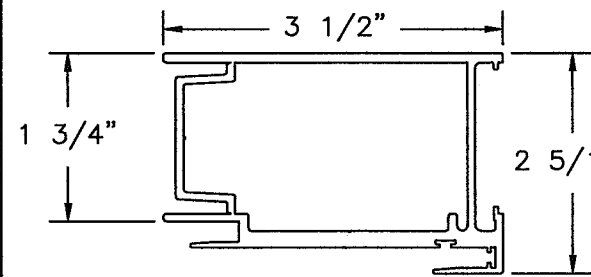
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SGD8100A

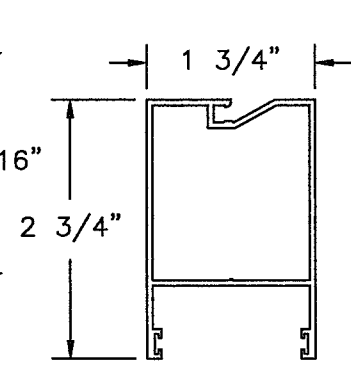
EXTRUSIONS

ALUMINUM SLIDING GLASS DOOR (LM)

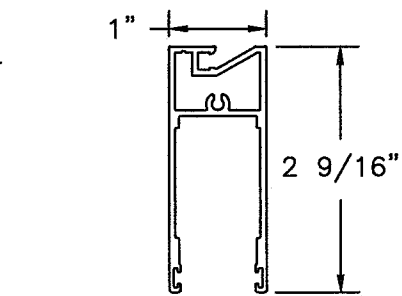
ANTHONY LYNN MILLER  
LICENSE  
No. 58705  
a287720  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER  
A. LYNN MILLER, P.E.  
P.E.# 58705



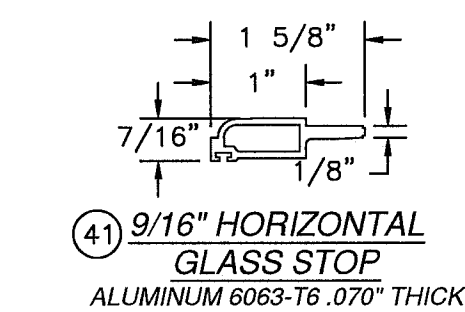
22 INTERLOCK STILE  
ALUMINUM 6063-T6 .080" THICK



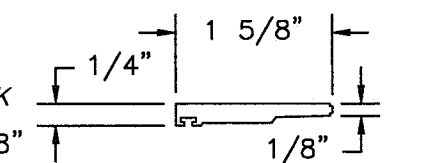
73 MT SCREEN STILE  
ALUMINUM 6063-T6 .060" THICK



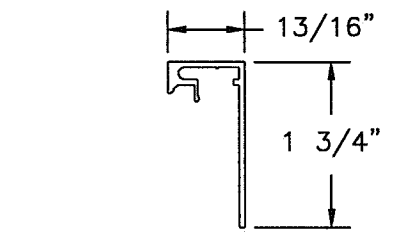
76 BOX SCREEN TOP/BOTTOM RAIL  
ALUMINUM 6063-T6 .062" THICK



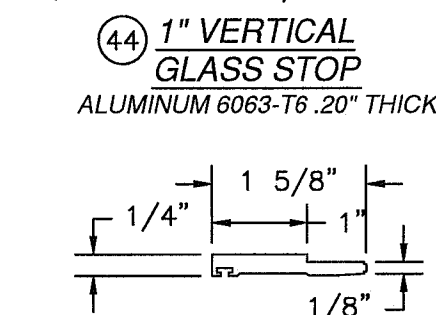
41 9/16" HORIZONTAL GLASS STOP  
ALUMINUM 6063-T6 .070" THICK



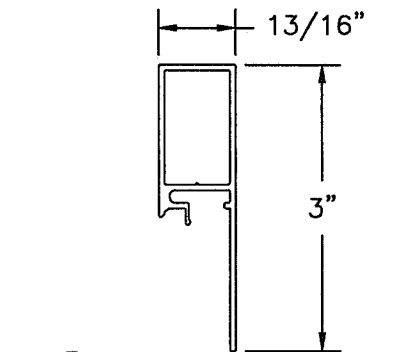
44 1" VERTICAL GLASS STOP  
ALUMINUM 6063-T6 .20" THICK



33 1 3/4" SILL RISER  
ALUMINUM 6063-T6 .060" THICK



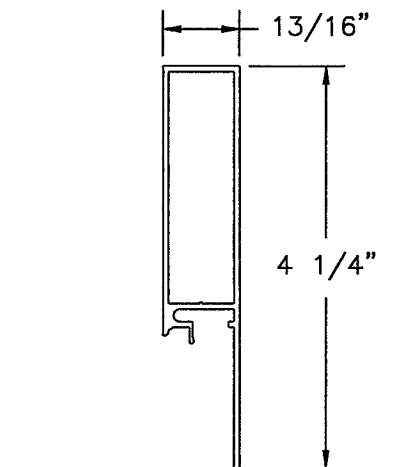
43 1" HORIZONTAL GLASS STOP  
ALUMINUM 6063-T6 .20" THICK



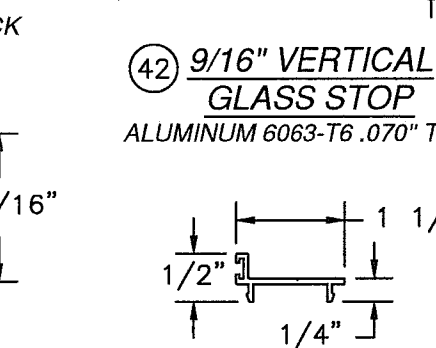
35 3" SILL RISER  
ALUMINUM 6063-T6 .060" THICK



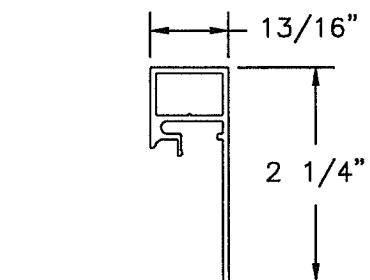
42 9/16" VERTICAL GLASS STOP  
ALUMINUM 6063-T6 .070" THICK



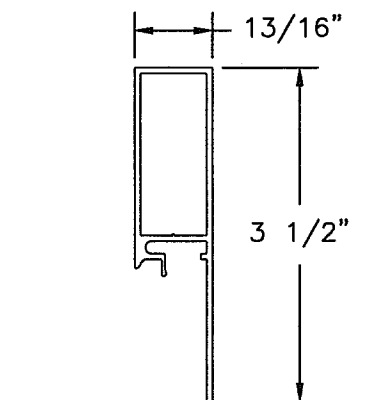
37 4 1/4" SILL RISER  
ALUMINUM 6063-T6 .060" THICK



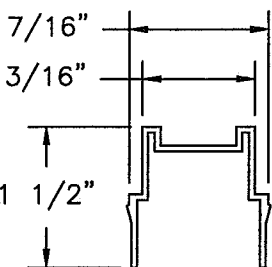
78 BOX SCREEN SWEEP  
ALUMINUM 6063-T6 .060" THICK



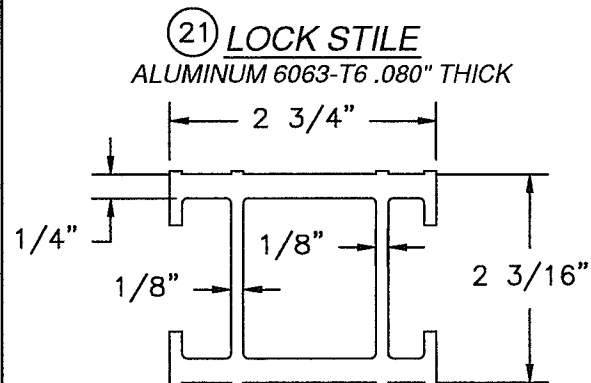
34 2 1/4" SILL RISER  
ALUMINUM 6063-T6 .060" THICK



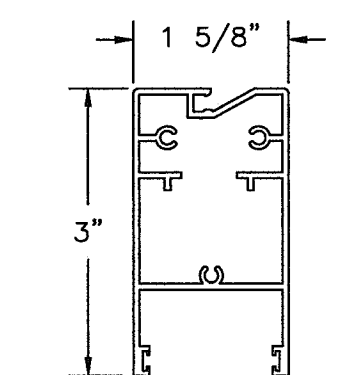
36 3 1/2" SILL RISER  
ALUMINUM 6063-T6 .060" THICK



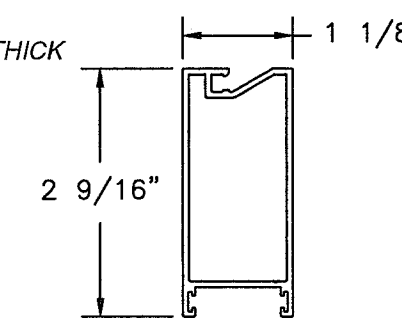
75 MT SCREEN ASTRAGAL  
ALUMINUM 6063-T6 .060" THICK



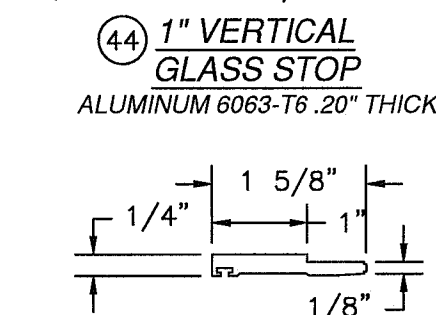
21 LOCK STILE  
ALUMINUM 6063-T6 .080" THICK



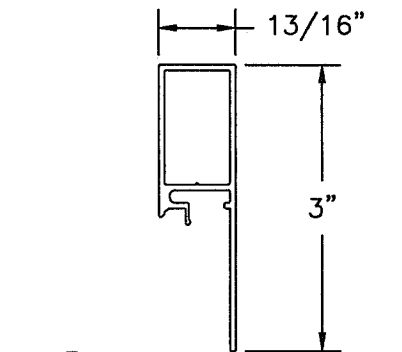
72 MT SCREEN TOP/BOTTOM RAIL  
ALUMINUM 6063-T6 .060" THICK



73 BOX SCREEN STILE  
ALUMINUM 6063-T6 .062" THICK



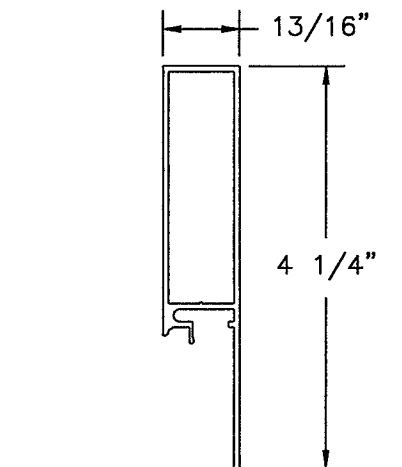
43 1" HORIZONTAL GLASS STOP  
ALUMINUM 6063-T6 .20" THICK



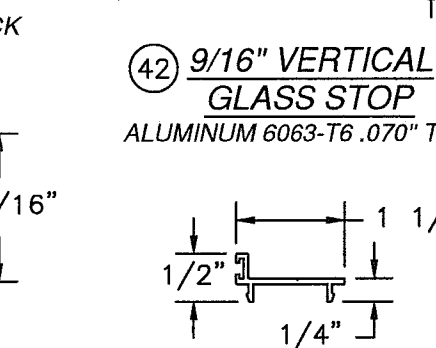
35 3" SILL RISER  
ALUMINUM 6063-T6 .060" THICK



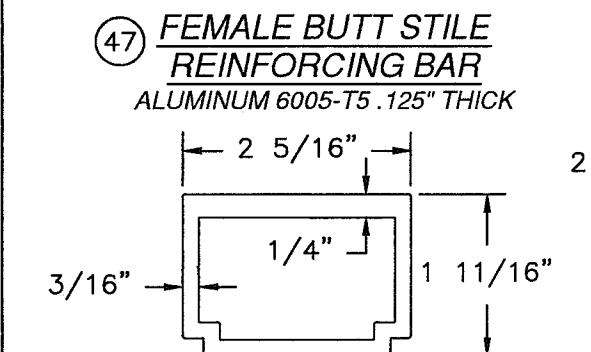
42 9/16" VERTICAL GLASS STOP  
ALUMINUM 6063-T6 .070" THICK



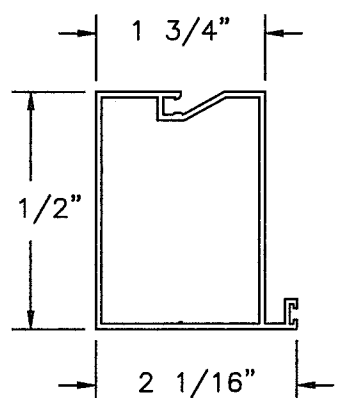
37 4 1/4" SILL RISER  
ALUMINUM 6063-T6 .060" THICK



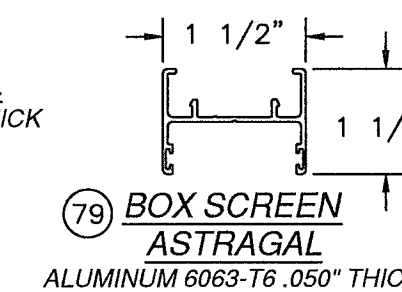
78 BOX SCREEN SWEEP  
ALUMINUM 6063-T6 .060" THICK



47 FEMALE BUTT STILE REINFORCING BAR  
ALUMINUM 6005-T5 .125" THICK



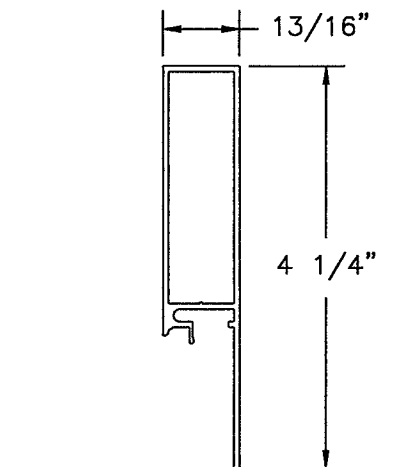
74 MT SCREEN STILE W/SEAL  
ALUMINUM 6063-T6 .060" THICK



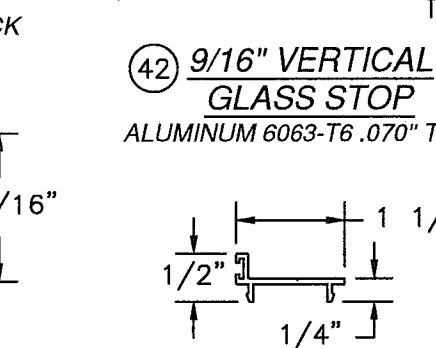
79 BOX SCREEN ASTRAGAL  
ALUMINUM 6063-T6 .050" THICK



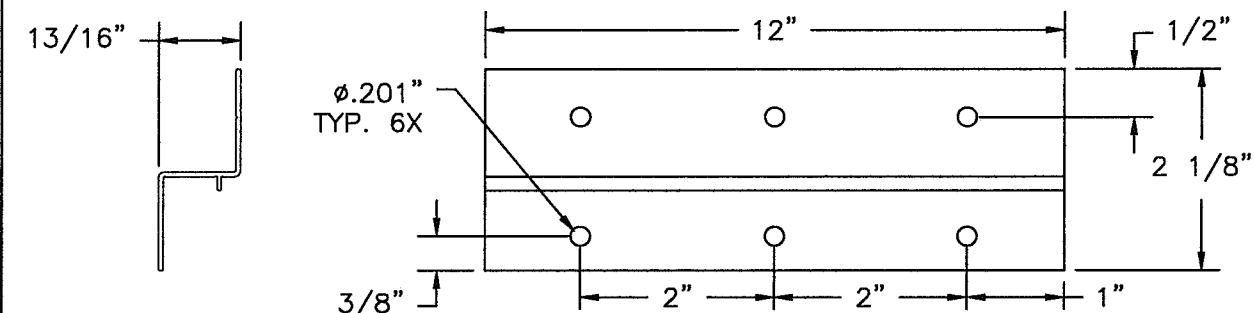
42 9/16" VERTICAL GLASS STOP  
ALUMINUM 6063-T6 .070" THICK



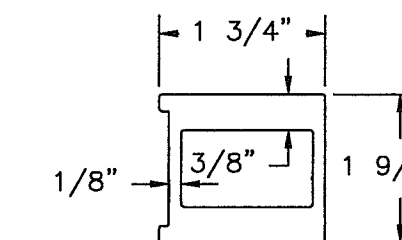
37 4 1/4" SILL RISER  
ALUMINUM 6063-T6 .060" THICK



78 BOX SCREEN SWEEP  
ALUMINUM 6063-T6 .060" THICK



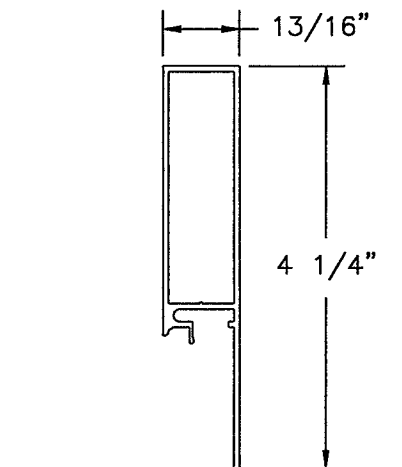
85 FIXED PANEL Z-CLIP  
6063-T6 ALUM. .050" THICK



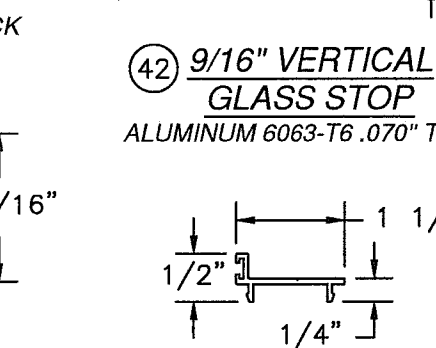
45 6000 BUTT STILE REINFORCING BAR  
ALUMINUM 6061-T6 .375" THICK



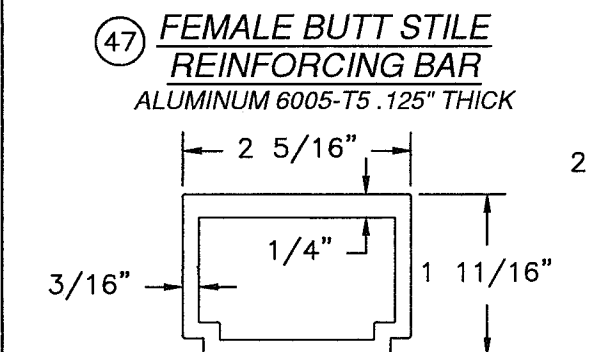
42 9/16" VERTICAL GLASS STOP  
ALUMINUM 6063-T6 .070" THICK



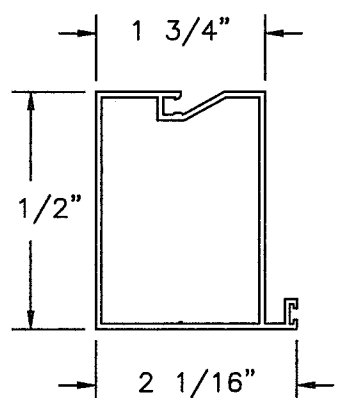
37 4 1/4" SILL RISER  
ALUMINUM 6063-T6 .060" THICK



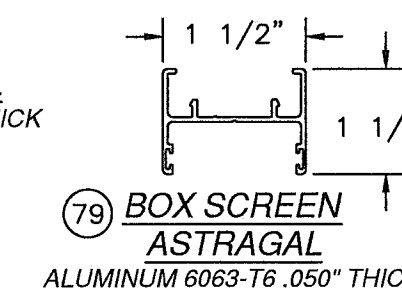
78 BOX SCREEN SWEEP  
ALUMINUM 6063-T6 .060" THICK



47 FEMALE BUTT STILE REINFORCING BAR  
ALUMINUM 6005-T5 .125" THICK



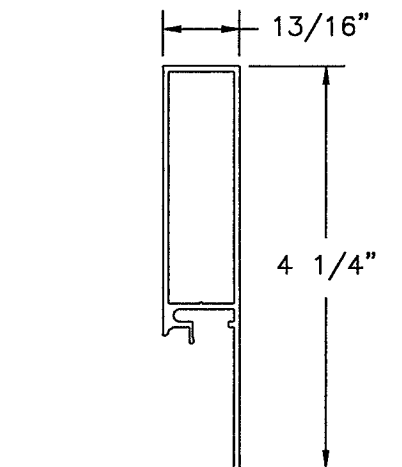
74 MT SCREEN STILE W/SEAL  
ALUMINUM 6063-T6 .060" THICK



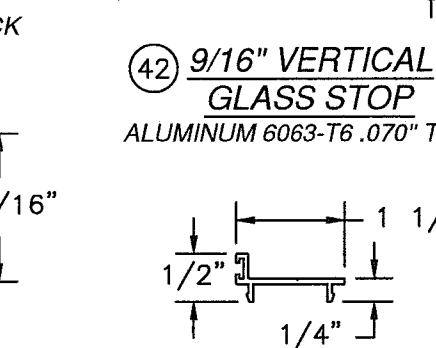
79 BOX SCREEN ASTRAGAL  
ALUMINUM 6063-T6 .050" THICK



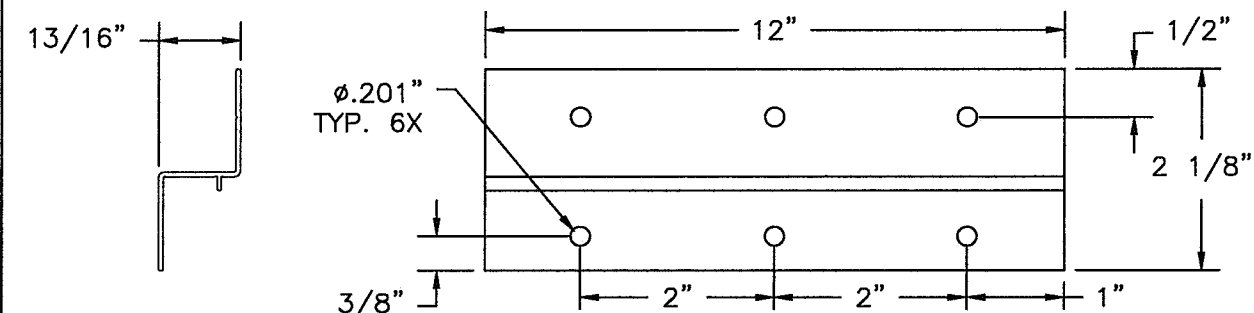
42 9/16" VERTICAL GLASS STOP  
ALUMINUM 6063-T6 .070" THICK



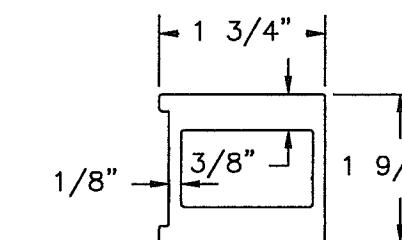
37 4 1/4" SILL RISER  
ALUMINUM 6063-T6 .060" THICK



78 BOX SCREEN SWEEP  
ALUMINUM 6063-T6 .060" THICK



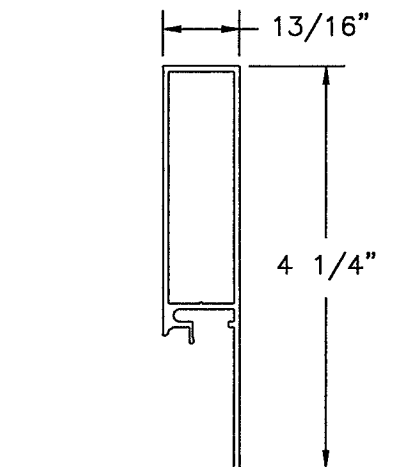
85 FIXED PANEL Z-CLIP  
6063-T6 ALUM. .050" THICK



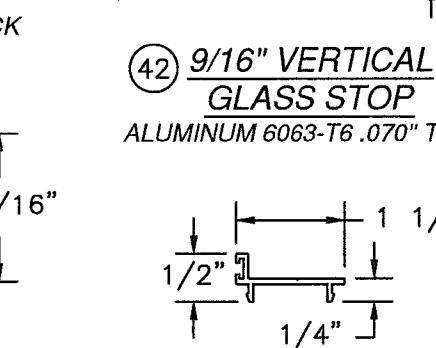
45 6000 BUTT STILE REINFORCING BAR  
ALUMINUM 6061-T6 .375" THICK



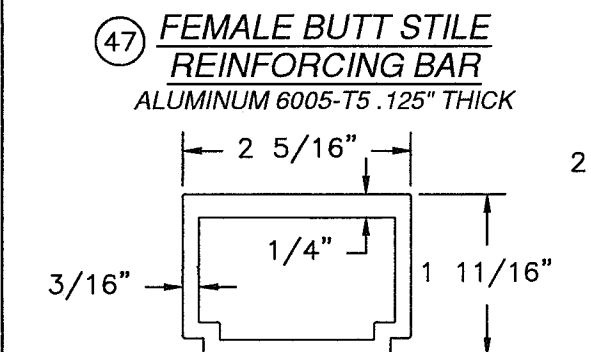
42 9/16" VERTICAL GLASS STOP  
ALUMINUM 6063-T6 .070" THICK



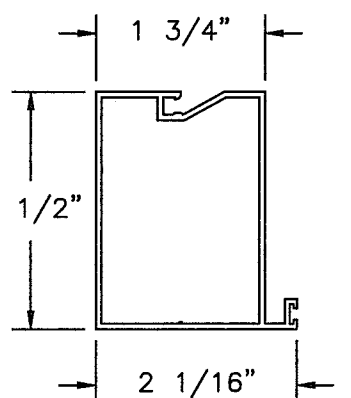
37 4 1/4" SILL RISER  
ALUMINUM 6063-T6 .060" THICK



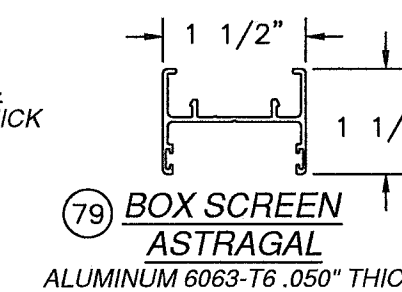
78 BOX SCREEN SWEEP  
ALUMINUM 6063-T6 .060" THICK



47 FEMALE BUTT STILE REINFORCING BAR  
ALUMINUM 6005-T5 .125" THICK



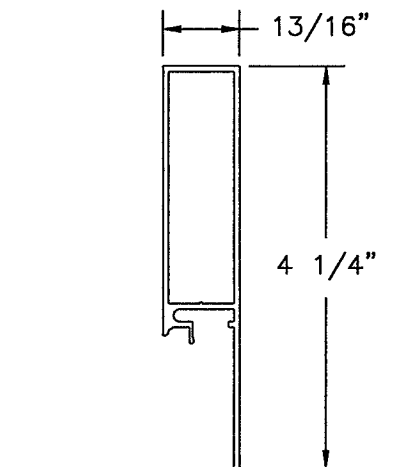
74 MT SCREEN STILE W/SEAL  
ALUMINUM 6063-T6 .060" THICK



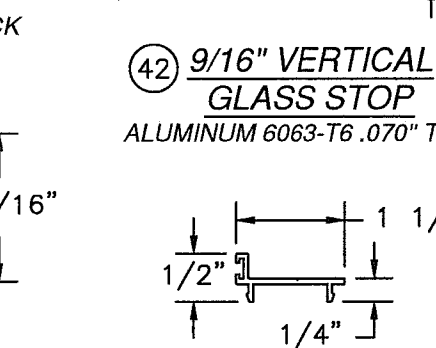
79 BOX SCREEN ASTRAGAL  
ALUMINUM 6063-T6 .050" THICK



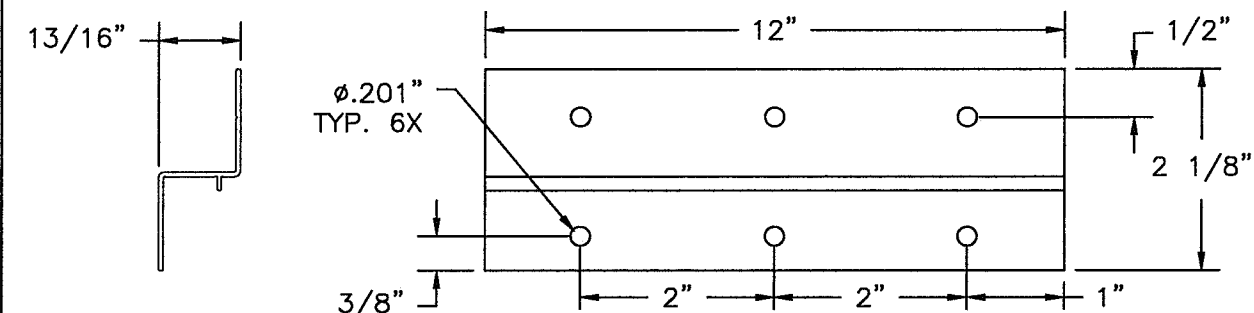
42 9/16" VERTICAL GLASS STOP  
ALUMINUM 6063-T6 .070" THICK



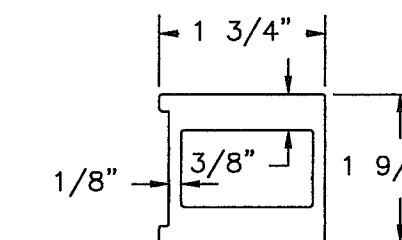
37 4 1/4" SILL RISER  
ALUMINUM 6063-T6 .060" THICK



78 BOX SCREEN SWEEP  
ALUMINUM 6063-T6 .060" THICK



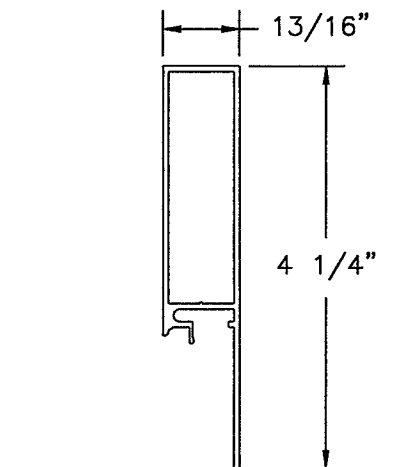
85 FIXED PANEL Z-CLIP  
6063-T6 ALUM. .050" THICK



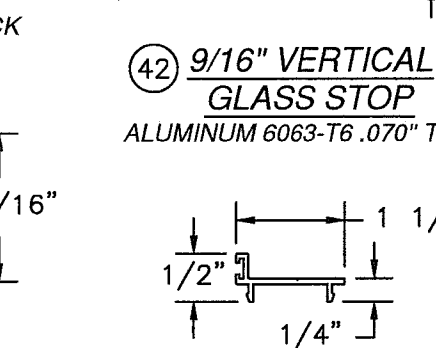
45 6000 BUTT STILE REINFORCING BAR  
ALUMINUM 6061-T6 .375" THICK



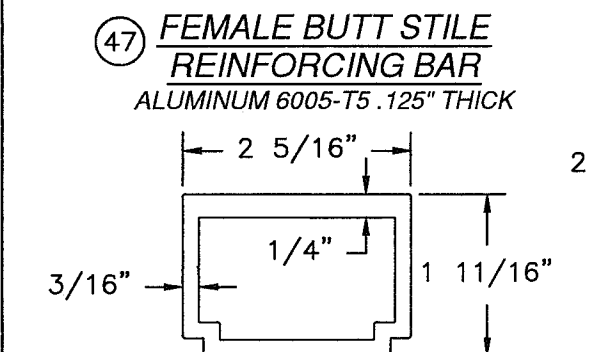
42 9/16" VERTICAL GLASS STOP  
ALUMINUM 6063-T6 .070" THICK



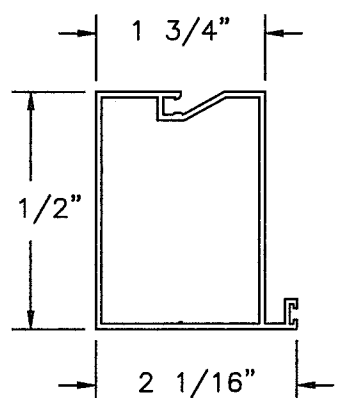
37 4 1/4" SILL RISER  
ALUMINUM 6063-T6 .060" THICK



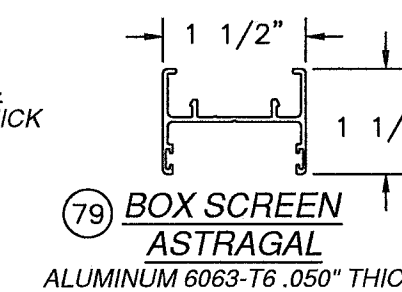
78 BOX SCREEN SWEEP  
ALUMINUM 6063-T6 .060" THICK



47 FEMALE BUTT STILE REINFORCING BAR  
ALUMINUM 6005-T5 .125" THICK



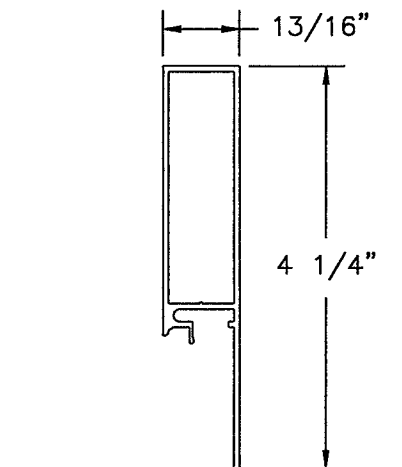
74 MT SCREEN STILE W/SEAL  
ALUMINUM 6063-T6 .060" THICK



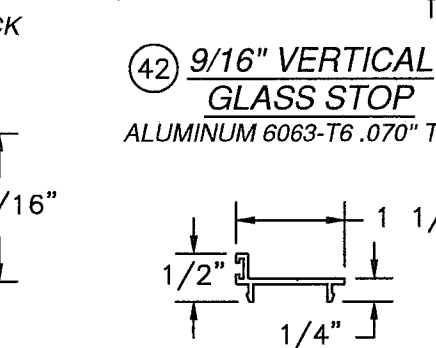
79 BOX SCREEN ASTRAGAL  
ALUMINUM 6063-T6 .050" THICK



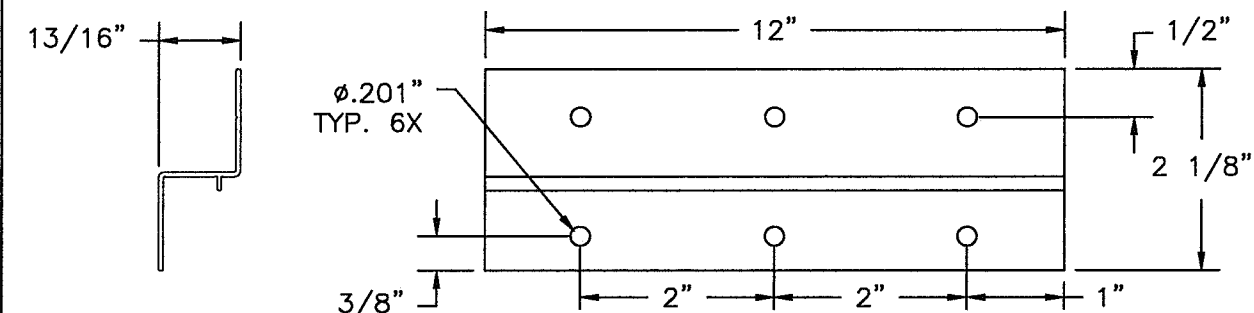
42 9/16" VERTICAL GLASS STOP  
ALUMINUM 6063-T6 .070" THICK



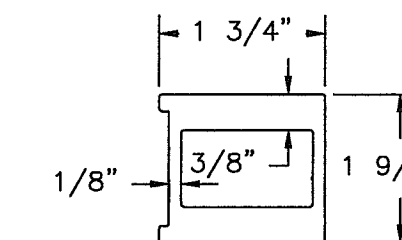
37 4 1/4" SILL RISER  
ALUMINUM 6063-T6 .060" THICK



78 BOX SCREEN SWEEP  
ALUMINUM 6063-T6 .060" THICK



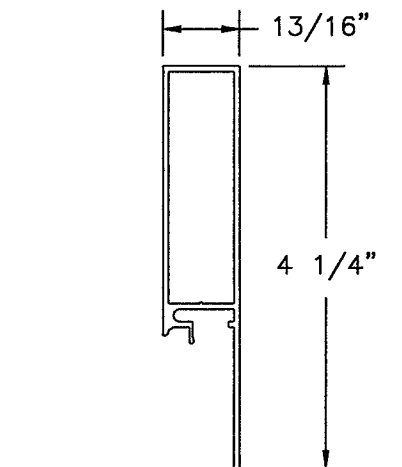
85 FIXED PANEL Z-CLIP  
6063-T6 ALUM. .050" THICK



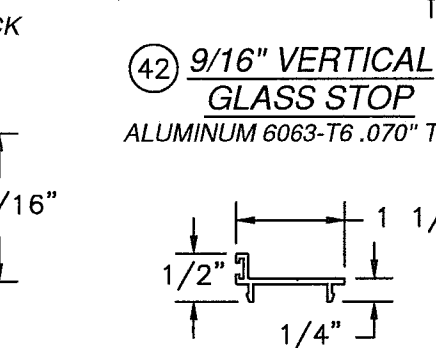
45 6000 BUTT STILE REINFORCING BAR  
ALUMINUM 6061-T6 .375" THICK



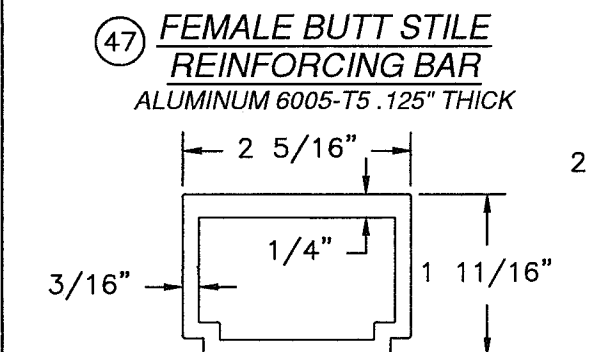
42 9/16" VERTICAL GLASS STOP  
ALUMINUM 6063-T6 .070" THICK



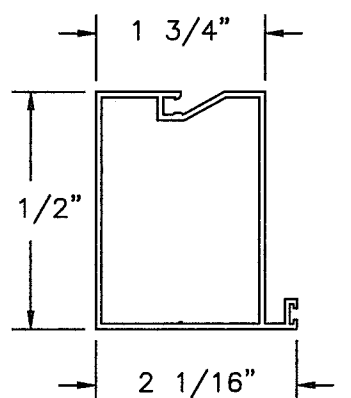
37 4 1/4" SILL RISER  
ALUMINUM 6063-T6 .060" THICK



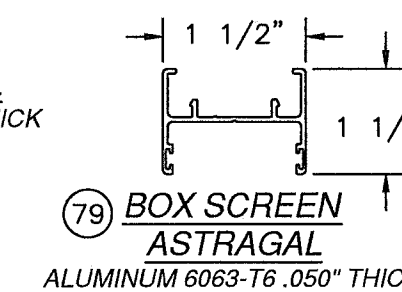
78 BOX SCREEN SWEEP  
ALUMINUM 6063-T6 .060" THICK



47 FEMALE BUTT STILE REINFORCING BAR  
ALUMINUM 6005-T5 .125" THICK



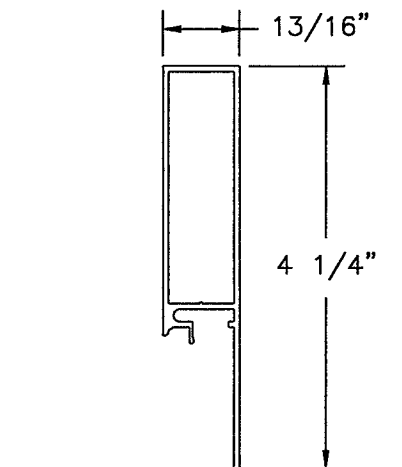
74 MT SCREEN STILE W/SEAL  
ALUMINUM 6063-T6 .060" THICK



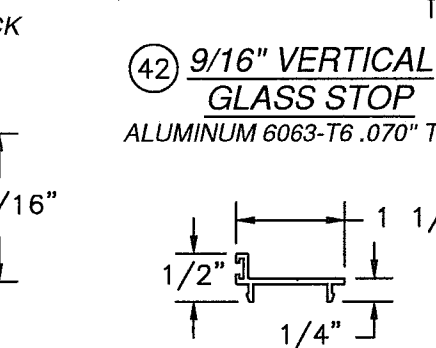
79 BOX SCREEN ASTRAGAL  
ALUMINUM 6063-T6 .050" THICK



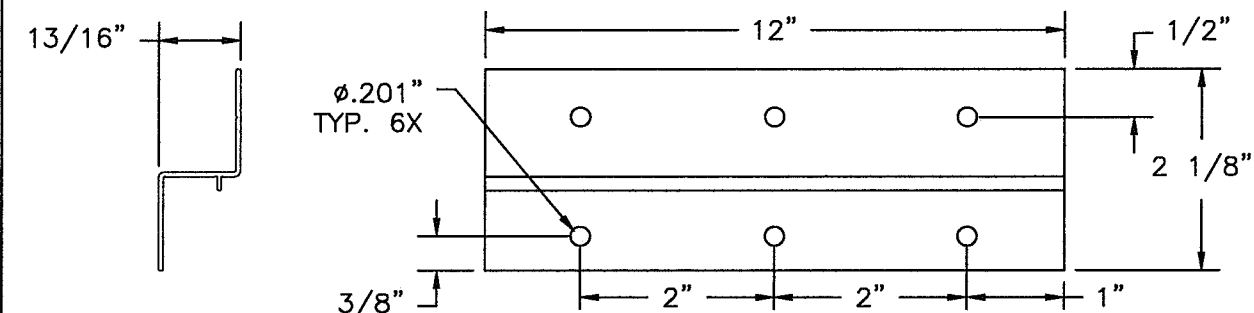
42 9/16" VERTICAL GLASS STOP  
ALUMINUM 6063-T6 .070" THICK



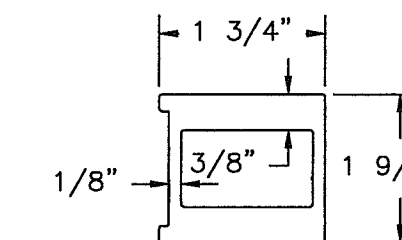
37 4 1/4" SILL RISER  
ALUMINUM 6063-T6 .060" THICK



78 BOX SCREEN SWEEP  
ALUMINUM 6063-T6 .060" THICK



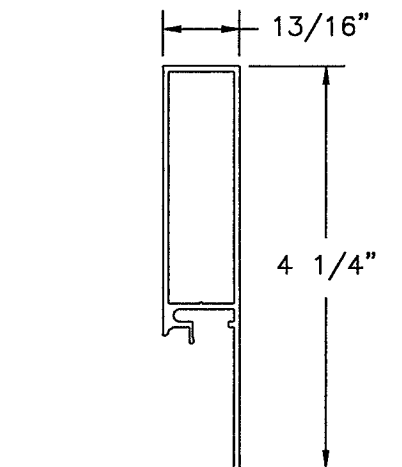
85 FIXED PANEL Z-CLIP  
6063-T6 ALUM. .050" THICK



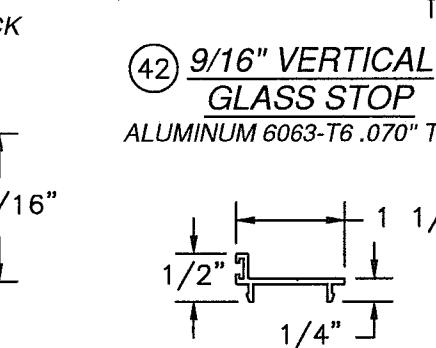
45 6000 BUTT STILE REINFORCING BAR  
ALUMINUM 6061-T6 .375" THICK



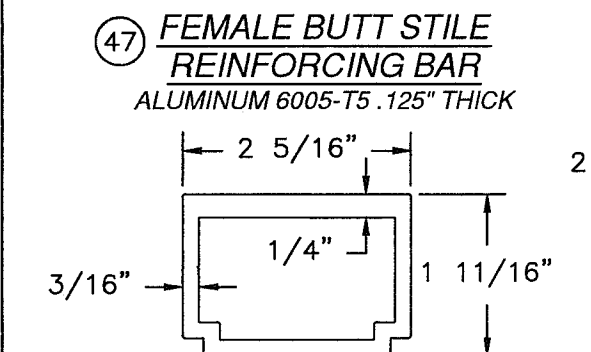
42 9/16" VERTICAL GLASS STOP  
ALUMINUM 6063-T6 .070" THICK



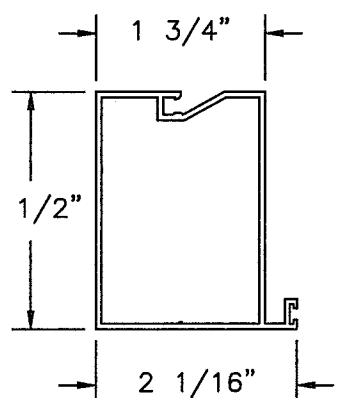
37 4 1/4" SILL RISER  
ALUMINUM 6063-T6 .060" THICK



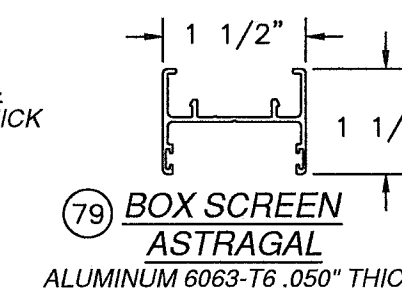
78 BOX SCREEN SWEEP  
ALUMINUM 6063-T6 .060" THICK



47 FEMALE BUTT STILE REINFORCING BAR  
ALUMINUM 6005-T5 .125" THICK



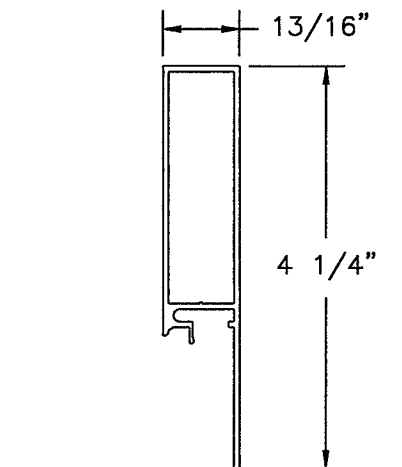
74 MT SCREEN STILE W/SEAL  
ALUMINUM 6063-T6 .060" THICK



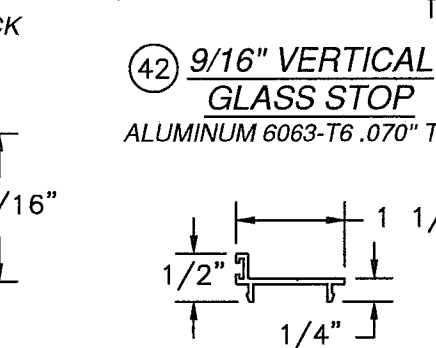
79 BOX SCREEN ASTRAGAL  
ALUMINUM 6063-T6 .050" THICK



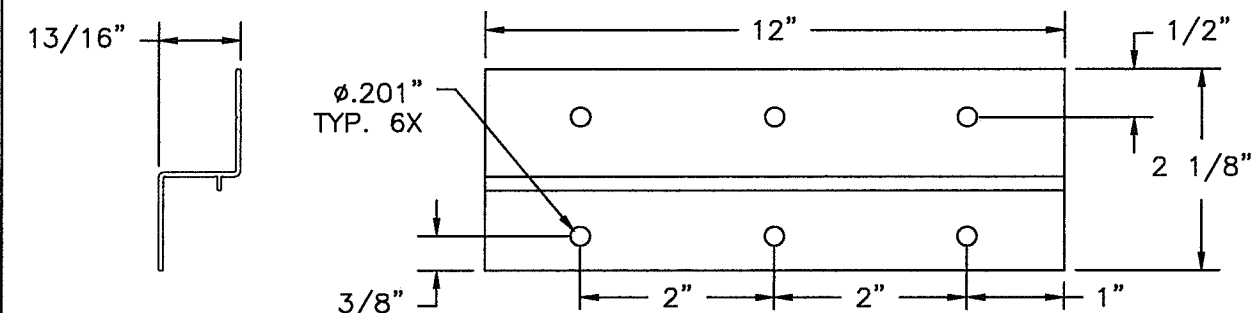
42 9/16" VERTICAL GLASS STOP  
ALUMINUM 6063-T6 .070" THICK



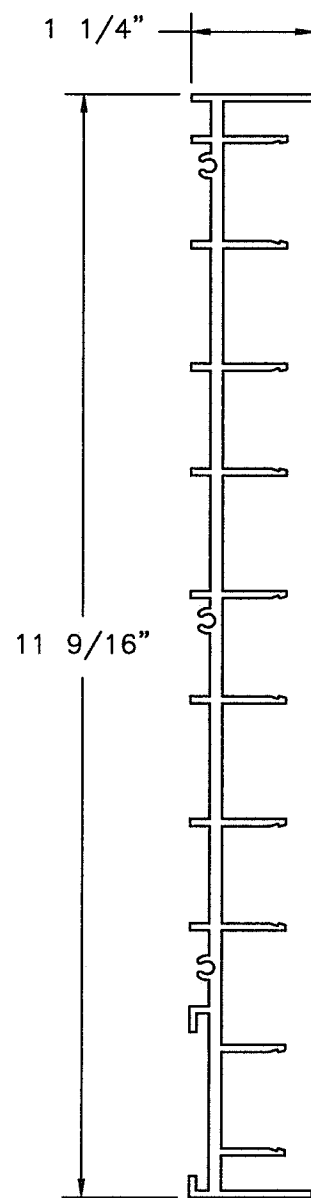
37 4 1/4" SILL RISER  
ALUMINUM 6063-T6 .060" THICK



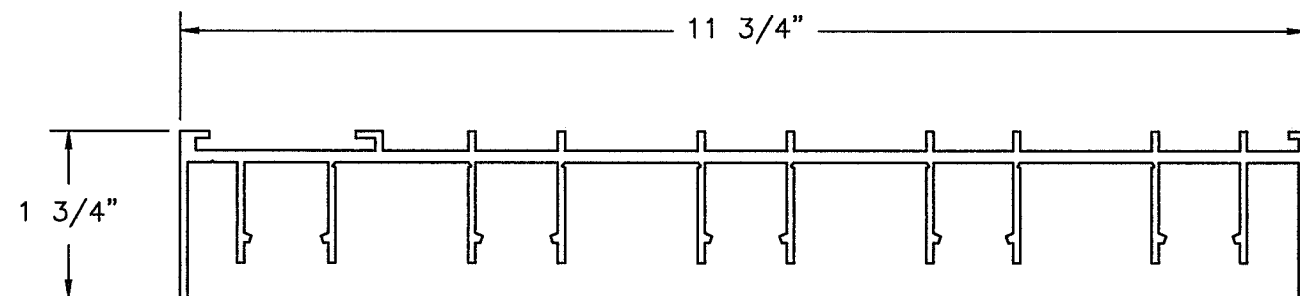
78 BOX SCREEN SWEEP  
ALUMINUM 6063-T6 .060" THICK



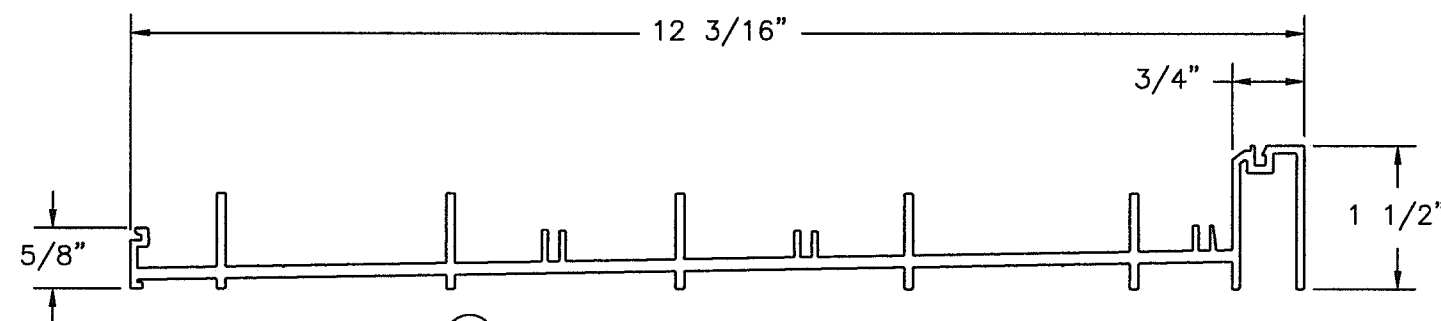




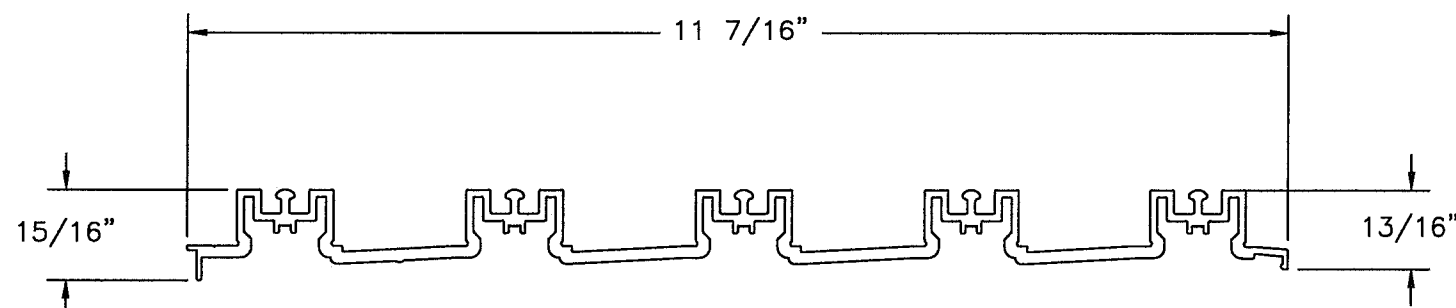
⑥ 5 TRACK FRAME JAMB  
ALUMINUM 6063-T6 .075" THICK



⑤ 5 TRACK FRAME HEAD  
ALUMINUM 6063-T6 .075" THICK



⑥9 5 TRACK SILL PAN  
ALUMINUM 6063-T6 .125" THICK

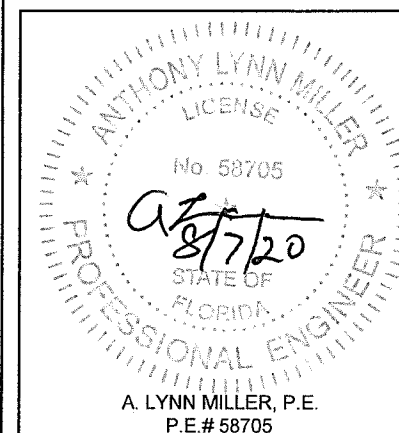


⑧1 5 TRACK SILL INSERT  
ALUMINUM 6063-T6 .125" THICK

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0814.03  
Expiration Date 03/31/2026  
By Ishaq I. Chande  
Miami-Dade Product Control

Revision: NO CHANGES THIS SHEET.

|  |          |   |              |
|--|----------|---|--------------|
| WINDOOR®<br>INCORPORATED   |          | PREPARED BY A. LYNN MILLER<br>1070 TECHNOLOGY DRIVE<br>N. VENICE, FL 34275<br>(941) 480-1600<br>REGISTRATION #29296 |              |
| WINDOOR INCORPORATED<br>104 TRIPLE DIAMOND BLVD.<br>NORTH VENICE, FL 34275<br>(833) 554-5432 |          |   |              |
| ALUMINUM SLIDING GLASS DOOR (LM)   |          | Date  | 08/05/20     |
| EXTRUSIONS   |          | Drawn By  | ERIN KOSS    |
| SGD8100A   | 35 OF 35 | DWG No.   | 8100-LMI-NOA |
| Sheet  |          | Rev.  |              |



A. LYNN MILLER, P.E.  
P.E.# 58705