



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

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

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/economy

WinDoor, Incorporated

107 Triple Diamond,

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 "SGD 8100A" Aluminum Sliding Glass Door W/WO Reinforcements-S.M.I.

APPROVAL DOCUMENT: Drawing No. **8100-SMI-NOA** (former **08-00878 Rev D**), titled "8100 Aluminum Sliding Glass Doors-LMI", sheets 1 through 35 of 35, prepared by manufacturer, dated 08/07/2020, signed and sealed by Anthony Lynn 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: Small Missile Impact Resistant

Limitations:

1. See Design Pressure (DP) Vs Sill riser and Reinforcement types in sheets **1** thru **8** and alternate sizes, substrates and anchors schedule in sheets **9** thru **13**.
2. The Positive DP with 3-1/2" sill riser (item # 36) is limited to positive (exterior) DP = **+100 PSF** and with 4-1/2" sill riser (item # 37) can be used above positive (exterior) DP = **+100 PSF** per DP charts.
3. Frame area of alternate size unit shall **not** exceed the tested frame area=**363 ft²**, nor the tested panel height or area.

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 # **17-1219.07** 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. **20-0814.02**
Expiration Date: **March 31, 2026**
Approval Date: **October 01, 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. 10-0209.13)*
2. Drawing No. **08-00878**, titled "8100 Series SMI: 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) Small 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. 10-0209.13)

C. CALCULATIONS

1. Anchor verification calculations complying w/ FBC-2014, dated 07/14/15 and last revised on 03/09/16, 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**", expiring on 11/11/2018.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-0814.02
Expiration Date: March 31, 2026
Approval Date: October 01, 2020

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC–2014, 5th 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. **12-0130.14**, issued to Continental Glass Systems, Inc. for their Series “8100” Aluminum Sliding Glass Door w/wo Reinforcements-S.M.I., approved on 04/09/12 and expiring on 03/31/16.
2. Test Proposal #08-0955B (consolidated) dated 01/15/09, approved by BCCO.
(Submitted under NOA No. 10-0209.13)

2. EVIDENCE SUBMITTED UNDER PREVIOUS NOA’s

A. DRAWINGS

1. Drawing No. **08-00878**, titled “8100 Series SMI: 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 11/30/17, 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.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 6th 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. **15-0723.10**, issued to WinDoor, Inc. for their Series “8100” Aluminum Sliding Glass Door w/wo Reinforcements-S.M.I., expiring on 03/31/21.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-0814.02
Expiration Date: March 31, 2026
Approval Date: October 01, 2020

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. New Evidence submitted.

A. DRAWINGS

1. Drawing No. **8100-SMI-NOA** (former **08-00878 Rev D**), titled “8100 Aluminum Sliding Glass Doors-LMI”, sheets 1 through 35 of 35, prepared by manufacturer, dated 08/07/2020, signed and sealed by Anthony Lynn Miller, P.E.

B. Test

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 (N/A to NI)
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94 (N/A to NI)
 - 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-20-2108.1, Windoor 3000 Aluminum Fixed Window (unit 11 in proposal) **FTL-20-2108.2**, Windoor 9470 Aluminum Horizontal Roller (unit 12 in proposal) **FTL-20-2108.3**, Windoor 8100 Aluminum Sliding Glass Door (unit 13 in proposal) **FTL-20-2108.4**, Windoor 9470 Aluminum Horizontal Roller (unit 14 in proposal) and **FTL-20-2108.5** Windoor 9020 Aluminum Fixed Window (unit 15 in proposal) **FTL-20-2108.6** Windoor 9020 Aluminum Fixed Window (unit 16 in proposal), all dated 09/25-28/20 and signed and sealed by Idalmis Ortega, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 7th Edition (2020)**, dated 08/09/20, 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. **17-0808.02** issued to **Kuraray America, Inc.** for their “**SentryGlas® (Clear and White) Glass Interlayers**”, expiring on 07/04/23.
2. 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.
3. Notice of Acceptance NOA No. **17-0712.05** issued to **Eastman Chemical Company (MA)** for “**Saflex Clear & Color**” PVB Glass Interlayer, expiring on 05/21/2021.

____ Ishaq I. Chanda _____
Ishaq I. Chanda, P.E.
Product Control Unit supervisor
NOA No. 20-0814.02
Expiration Date: March 31, 2026
Approval Date: October 01, 2020

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

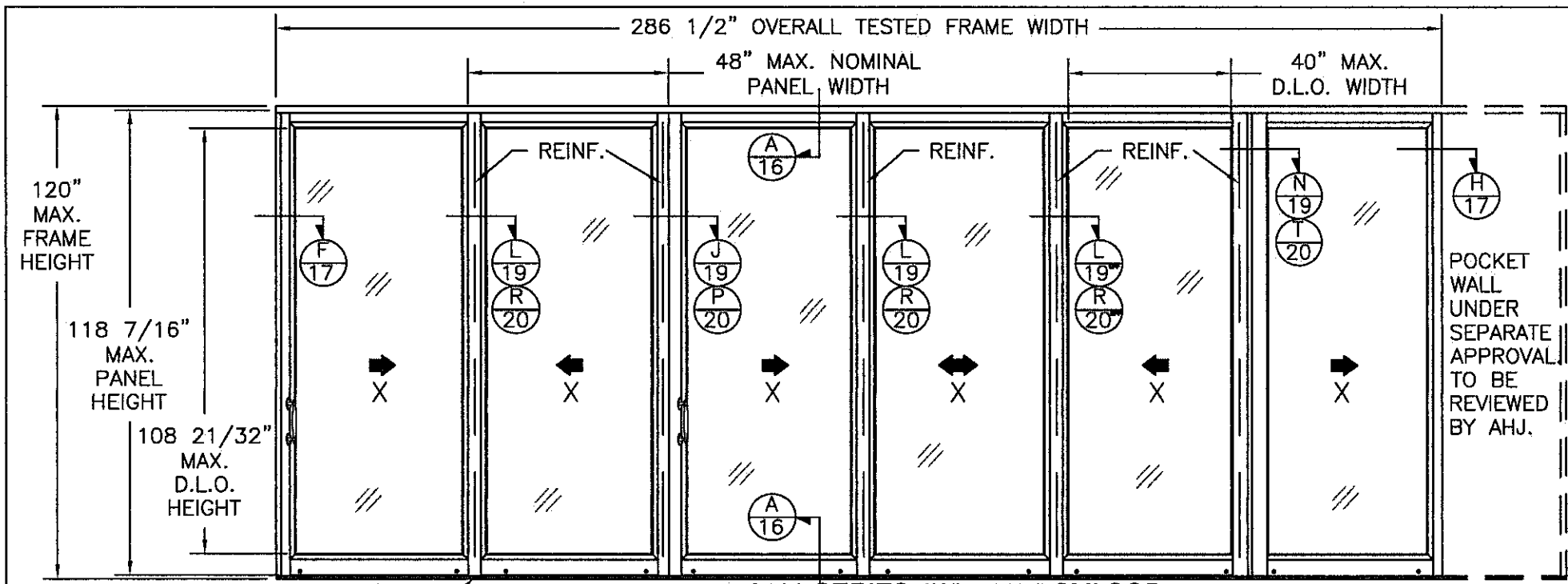
1. Statement letters of conformance to FBC 2020(7th Edition) and “No financial interest”, dated 08/04/20, prepared, signed & sealed by Lynn Miller, P. E.
2. Statement of Lab compliance as part of the test report.
3. Notification of Successor Engineer per the Florida Administrative Code Section 61G15-27.001, 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. 17-1219.07** and updates to FBC 2020 (7th Edition) expiring 03/31/26.
2. RER Test proposals #**19-1155** dated 01/10/20 approved by Ishaq I. Chanda, P.E.

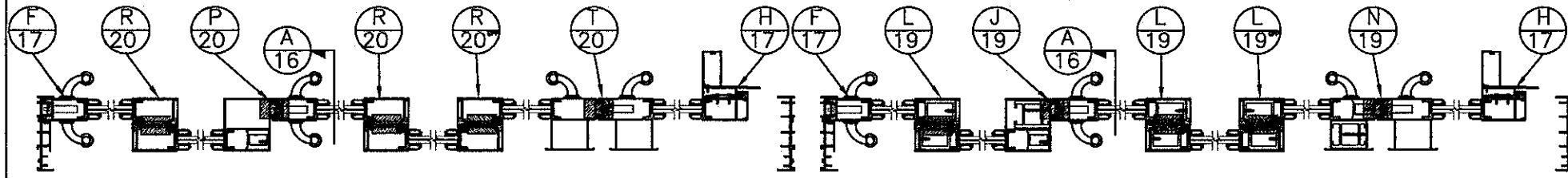
Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit supervisor
NOA No. 20-0814.02
Expiration Date: March 31, 2026
Approval Date: October 01, 2020



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

8100 SERIES 4'0" x 10'0" SMI 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	SMALL 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	SMALL 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	SMALL 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.
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 SMALL 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. **20-0814.02**
Expiration Date: **03/31/2026**
By: Isang I. Chan
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

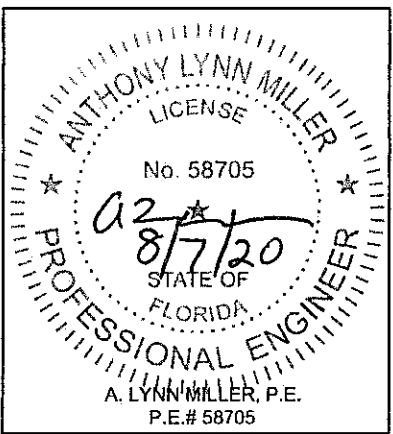
WINDOOR
INCORPORATED
WINDOOR INCORPORATED
104 TRIPLE DIAMOND BLVD.
NORTH VENICE, FL 34275
(833) 554-5432

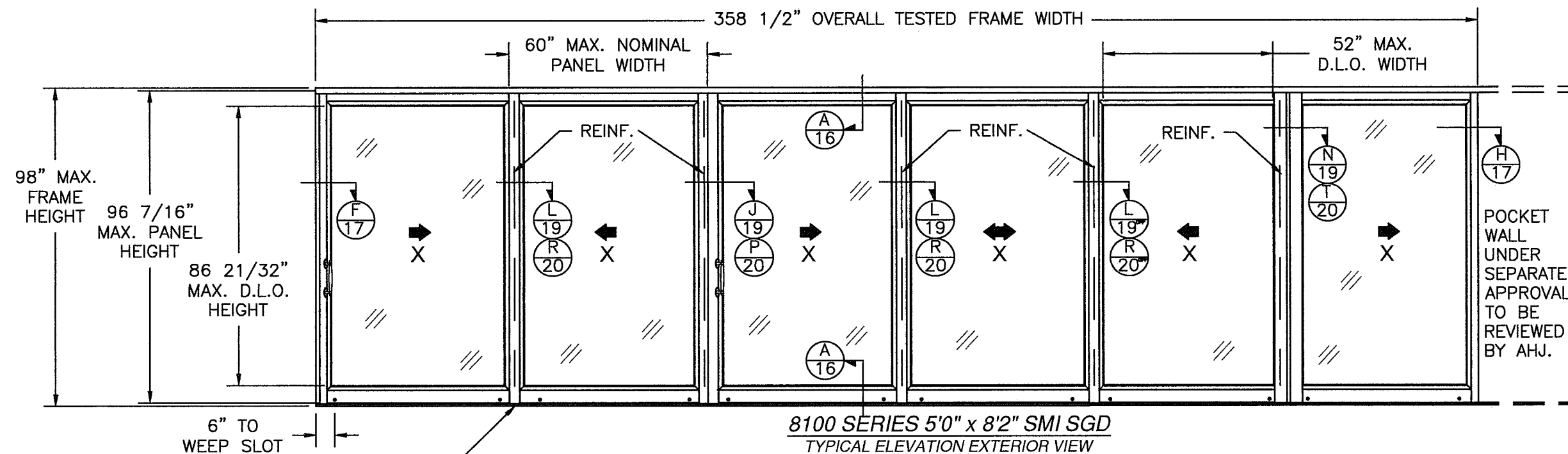
ALUMINUM SLIDING GLASS DOOR (SM)
ELEV. & DP @ MAX SIZE - 4'x10' 2T
SGD8100A

Rev.	Date	By	DWG No.	Sheet
	08/05/20	ERIN KOSS	8100-SMI-NOA	1 OF 35

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	GENERAL NOTES
1-8	ELEVATIONS
9-10	DP CHARTS
11-13	ANCHOR LAYOUT & NOTES
14-15	BOM & GLAZING DETAILS
17-24	SECTION VIEWS
25-31	INSTALLATION DETAILS
32-35	EXTRUSIONS

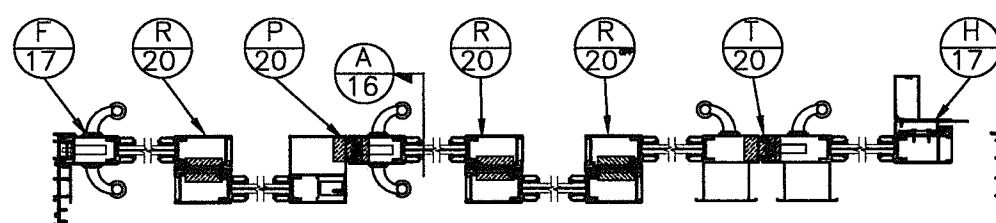
PANEL HEIGHT AND D.L.O. FORMULA
PANEL HEIGHT = UNIT HEIGHT - 1 9/16"
MAXIMUM D.L.O. HEIGHT = PANEL HEIGHT - 9 1/2"
D.L.O. WIDTH = NOMINAL PANEL WIDTH - 9 1/2"





8100 SERIES 5'0" x 8'2" SMI 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.

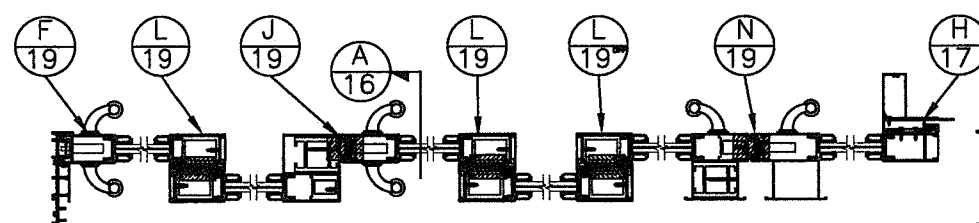


8100 SERIES 5'0" x 8'2" SMI NON-REINFORCED SGD
2 TRACK LAYOUT

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

DESIGN PRESSURE RATING	IMPACT RATING
±70.0PSF	SMALL MISSILE IMPACT

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



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

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

DESIGN PRESSURE RATING	IMPACT RATING
±110.0PSF	SMALL 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	SMALL MISSILE IMPACT

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

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. **20-0814.02**
Expiration Date: **03/31/2026**
By: Ismael I. Chanda
Miami-Dade Product Control

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"

Revision: NO CHANGES THIS SHEET.

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

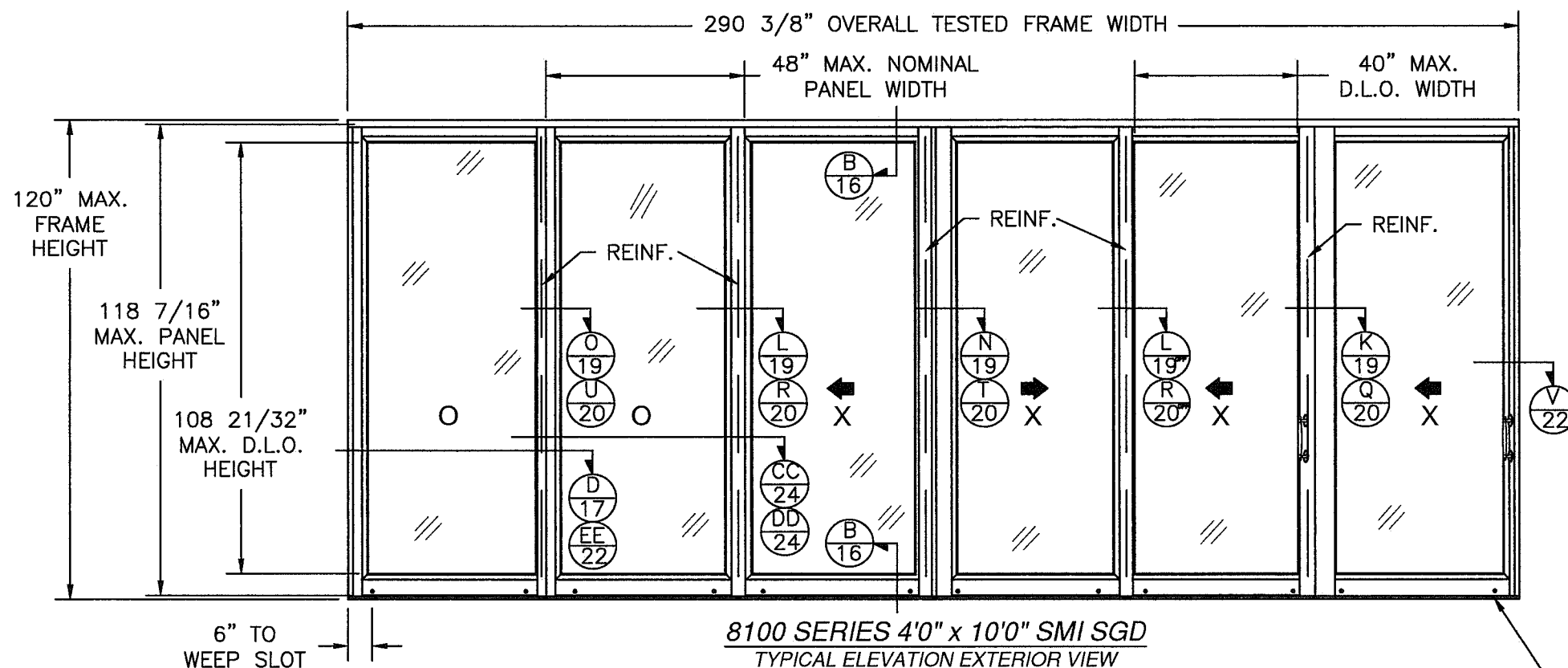
WINDOOR®
INCORPORATED
104 TRIPLE DIAMOND BLVD.
NORTH VENICE, FL 34275
(833) 554-5432

ALUMINUM SLIDING GLASS DOOR (SM)
ELEV. & DP @ MAX SIZE - 5'x8'2" 2T
SGD8100A

08/05/20
By ERIN KOSS
Date

Rev. 8100-SMI-NOA
2 OF 35
Sheet

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

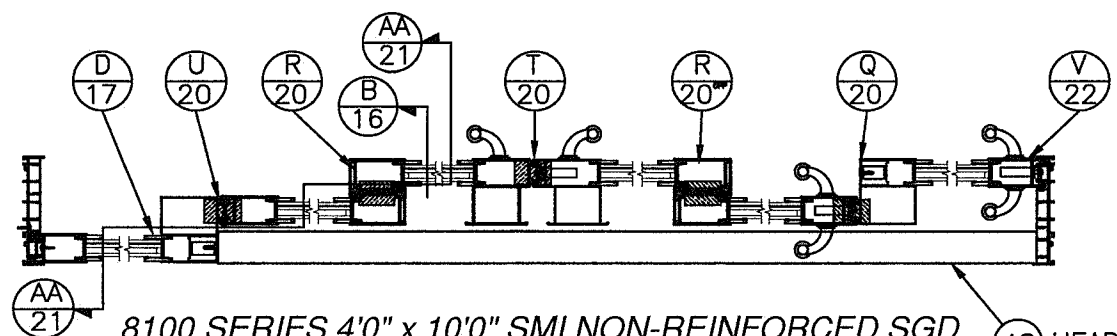


PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0814.02**
Expiration Date: **03/31/2026**
By: Ismael I. Chanda
Miami-Dade Product Control

8100 SERIES 4'0" x 10'0" SMI 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

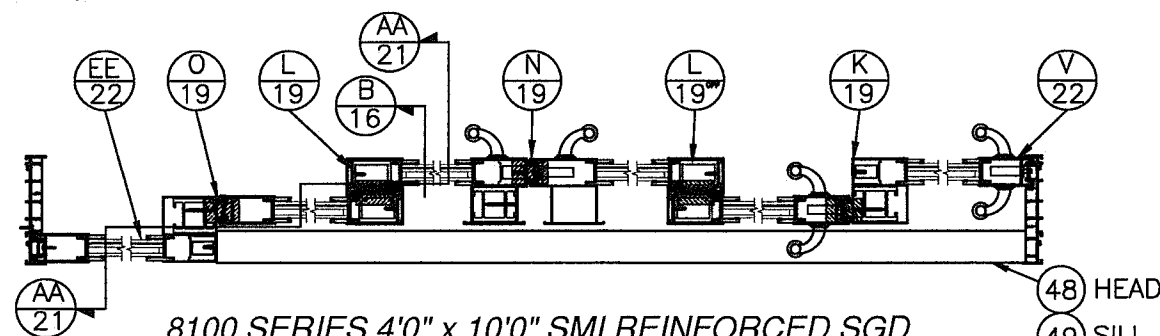


8100 SERIES 4'0" x 10'0" SMI NON-REINFORCED SGD
3 TRACK LAYOUT

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

DESIGN PRESSURE RATING	IMPACT RATING
$\pm 70.0\text{PSF}$	SMALL MISSILE IMPACT

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



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

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

DESIGN PRESSURE RATING	IMPACT RATING
$\pm 110.0\text{PSF}$	SMALL 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
$\pm 72.0\text{PSF}$	SMALL 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"

Revision: NO CHANGES THIS SHEET.

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

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

Date 08/05/20

By ERIN KOSS

Rev.

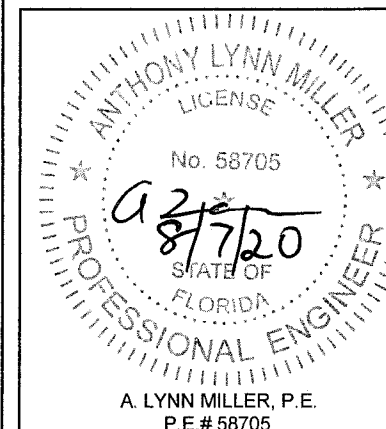
DWG No.

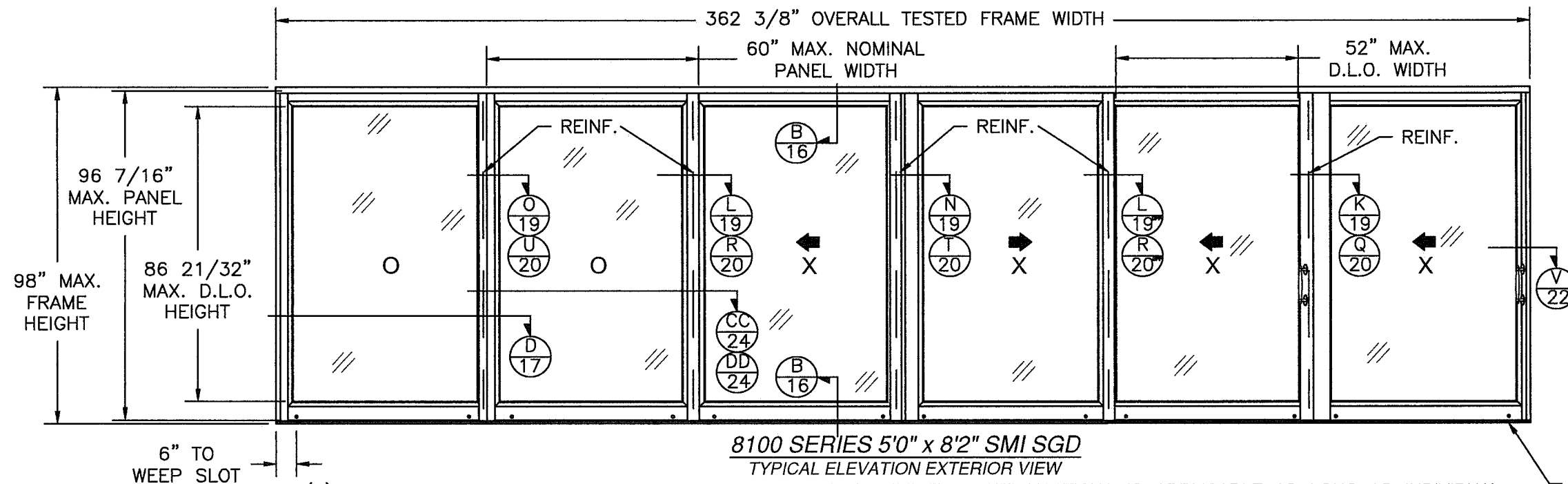
8100-SMI-NOA

Sheet

3 OF 35

SGD8100A

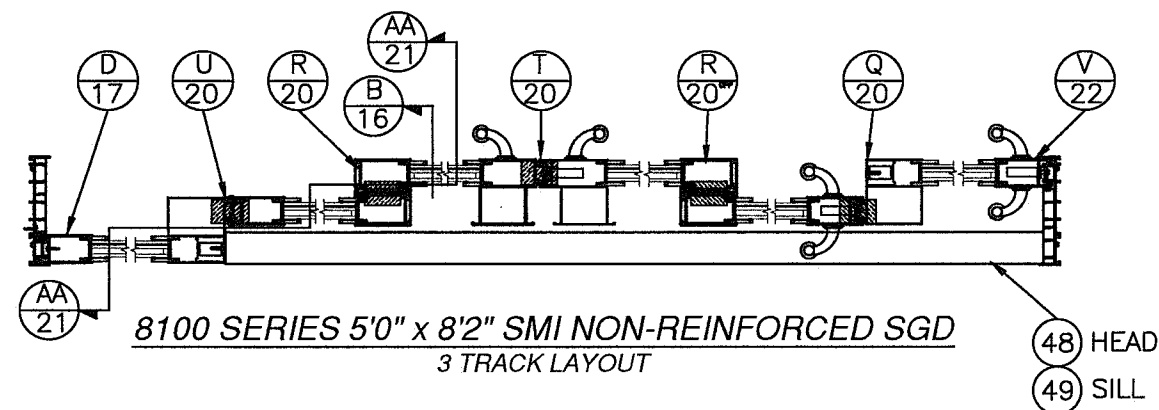




8100 SERIES 5'0" x 8'2" SMI SGD
TYPICAL ELEVATION EXTERIOR VIEW

(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.

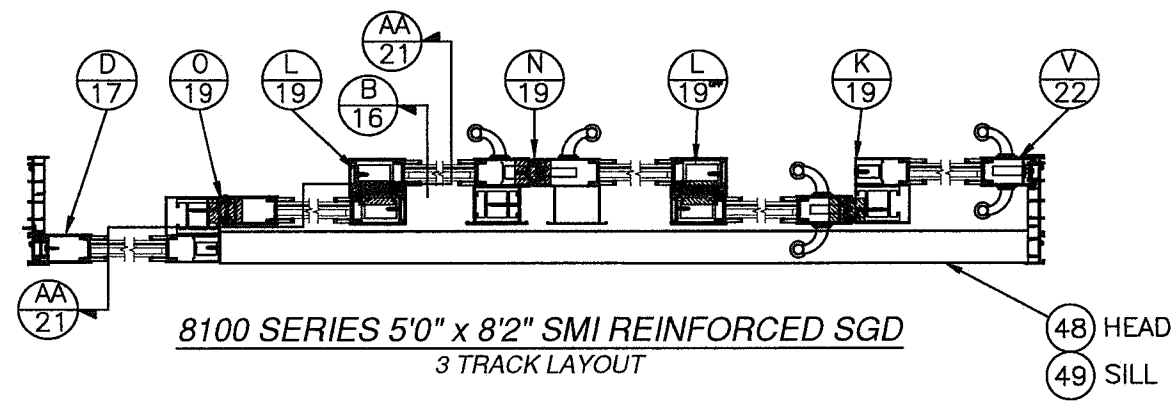
WEEP SLOT 1" x .1875" TYP. LOCATED AT ALL VERTICAL CENTER LINES



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

DESIGN PRESSURE RATING	IMPACT RATING
±70.0PSF	SMALL 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	SMALL 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

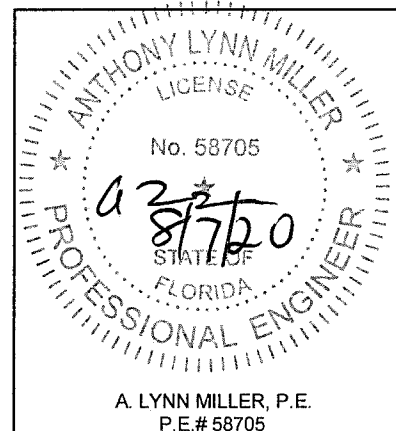
DESIGN PRESSURE RATING	IMPACT RATING
±81.3PSF	SMALL MISSILE IMPACT

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. **20-0814.02**
Expiration Date: **03/31/2026**
By: Isheq I. Chandra
Miami-Dade Product Control



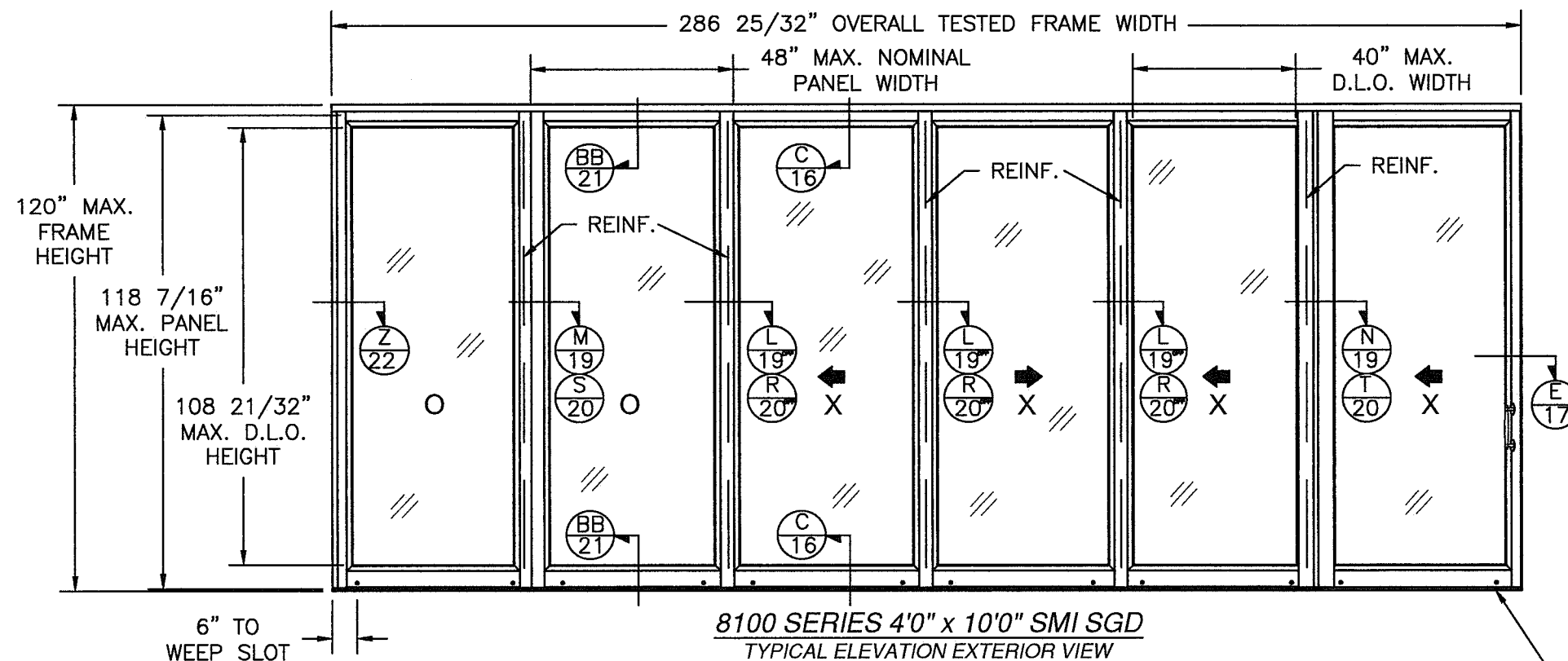
PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #29296

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

Rev.	Date	By	DWG No.	Sheet	Series
	08/05/20	ERIN KOSS	8100-SMI-NOA	4 OF 35	SGD8100A

NO CHANGES THIS SHEET.

Revision:

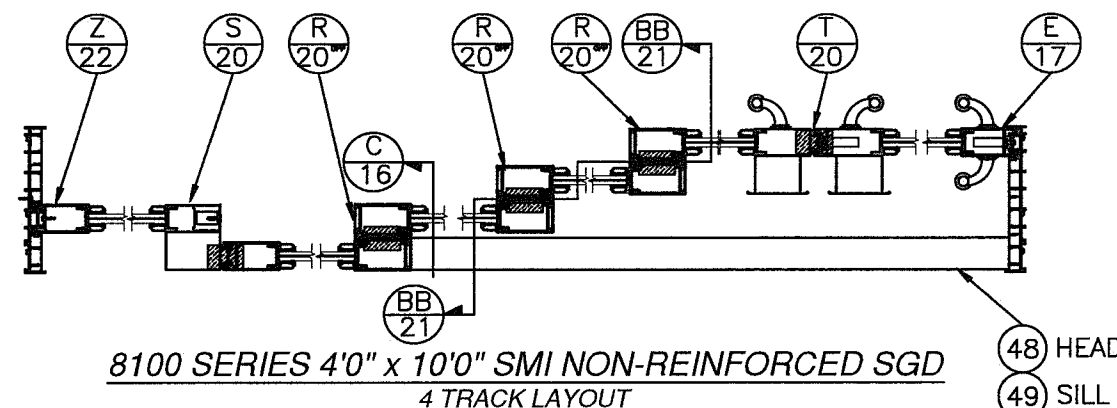


PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0814.02**
Expiration Date: **03/31/2026**
By: Ismael I. Chanda
Miami-Dade Product Control

8100 SERIES 4'0" x 10'0" SMI 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

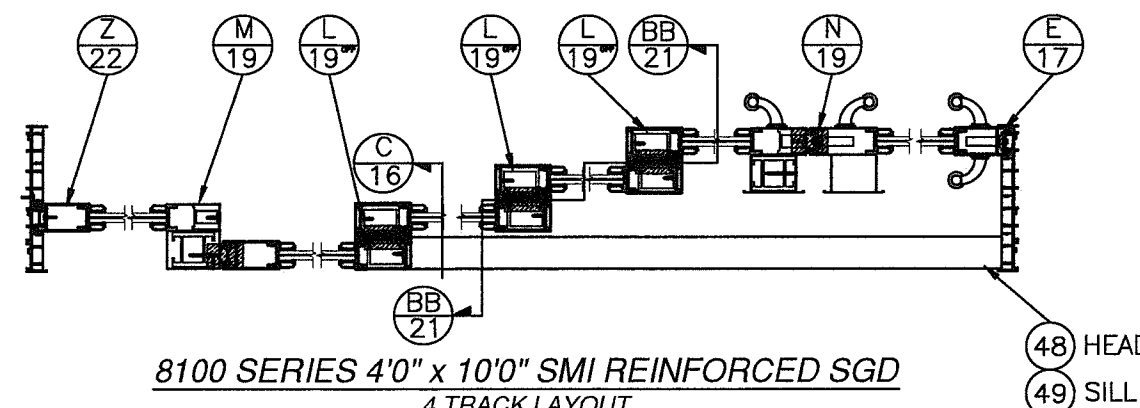


8100 SERIES 4'0" x 10'0" SMI NON-REINFORCED SGD
4 TRACK LAYOUT

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

DESIGN PRESSURE RATING	IMPACT RATING
$\pm 70.0\text{PSF}$	SMALL MISSILE IMPACT

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



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

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

DESIGN PRESSURE RATING	IMPACT RATING
$\pm 110.0\text{PSF}$	SMALL 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
$\pm 72.0\text{PSF}$	SMALL 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"

NO CHANGES THIS SHEET.

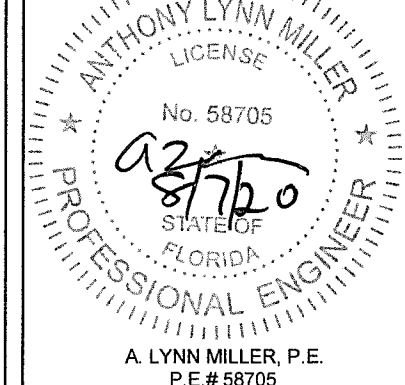
Revision:

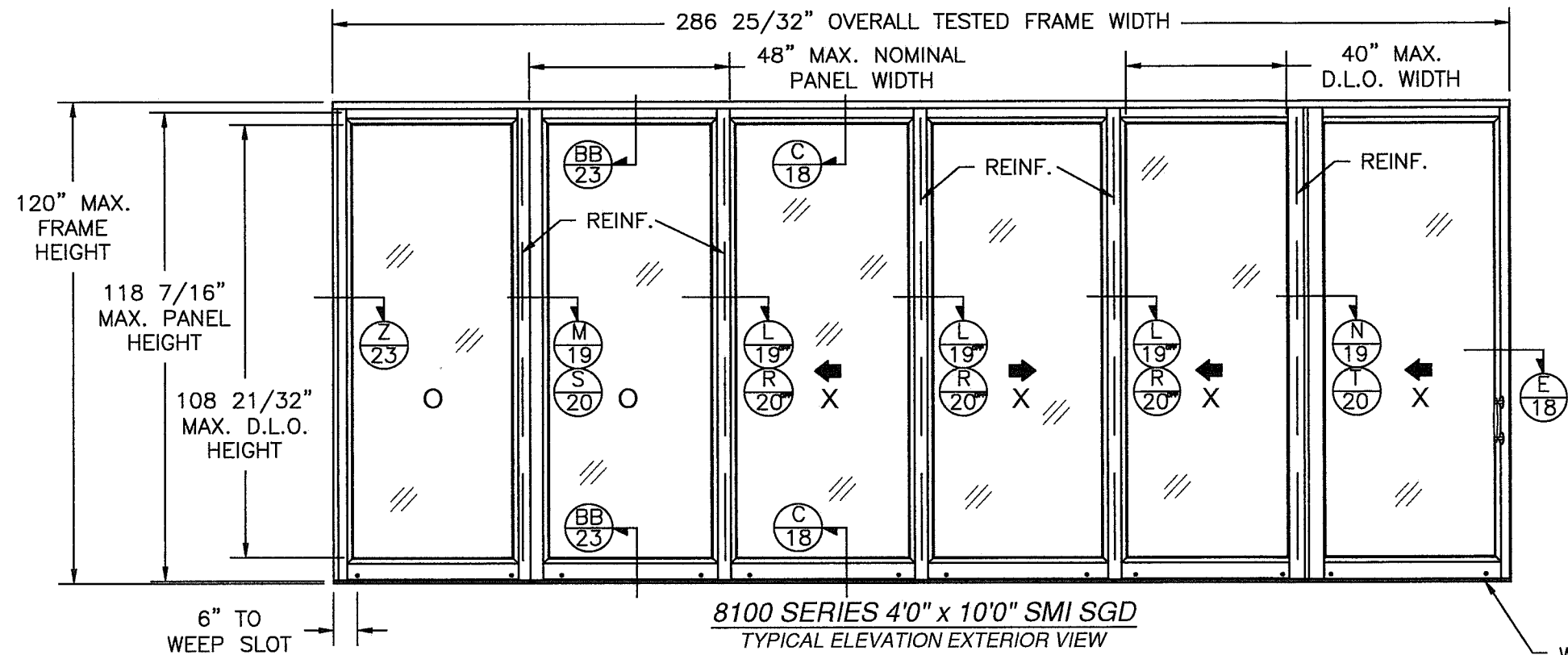
PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #29296

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

ALUMINUM SLIDING GLASS DOOR (SM)
ELEV. & DP @ MAX SIZE - 4'x10' 4T
SGD8100A

08/05/20
ERIN KOSS
8100-SMI-NOA
5 OF 35



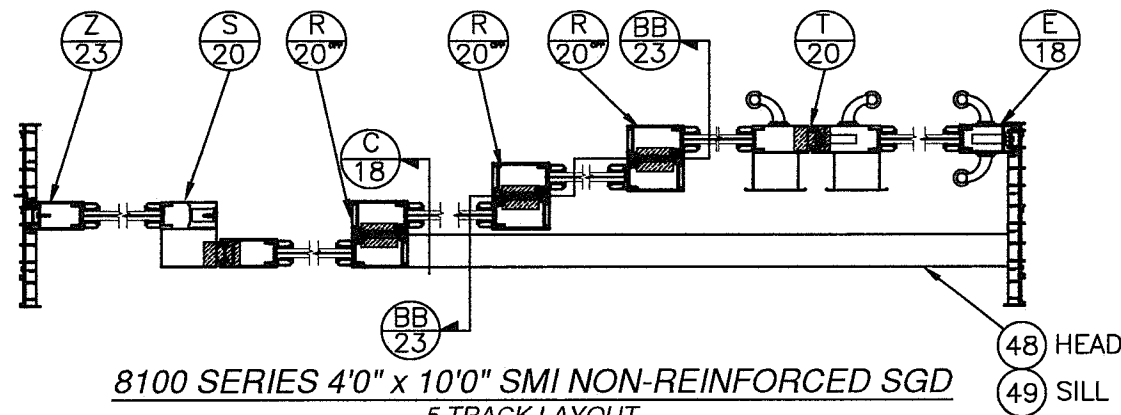


PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0814.02**
Expiration Date: **03/31/2026**
By: Ishag I. Chande
Miami-Dade Product Control

8100 SERIES 4'0" x 10'0" SMI 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

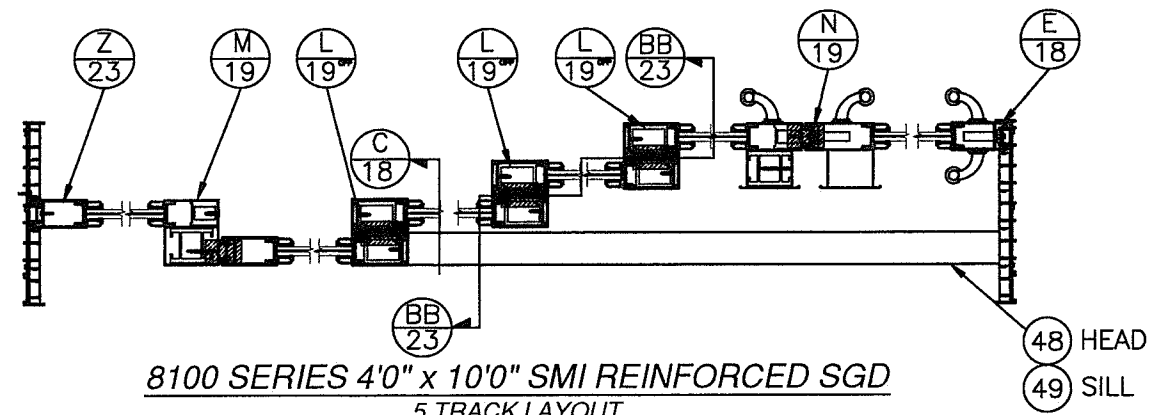


8100 SERIES 4'0" x 10'0" SMI NON-REINFORCED SGD
5 TRACK LAYOUT

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

DESIGN PRESSURE RATING	IMPACT RATING
$\pm 70.0\text{PSF}$	SMALL MISSILE IMPACT

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



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

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

DESIGN PRESSURE RATING	IMPACT RATING
$\pm 110.0\text{PSF}$	SMALL 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
$\pm 72.0\text{PSF}$	SMALL MISSILE IMPACT

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

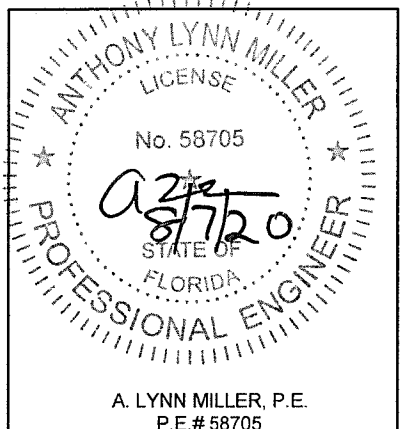
PANEL HEIGHT AND D.L.O. FORMULA

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"

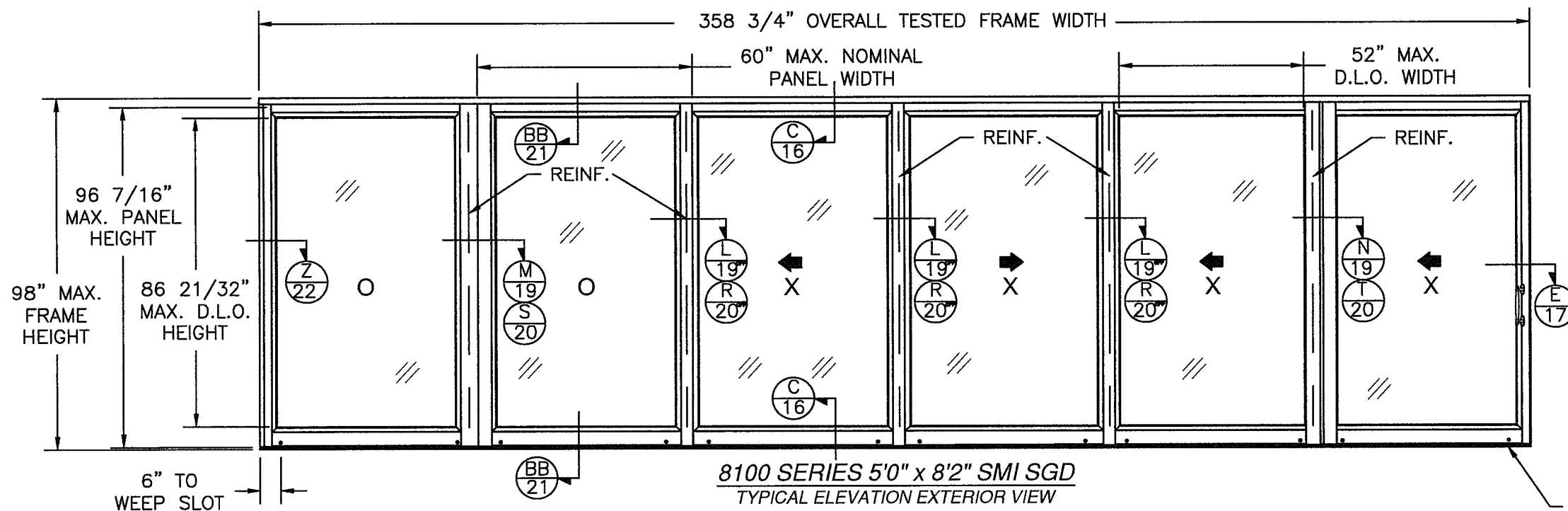
NO CHANGES THIS SHEET.

Revision:

WINDOOR® INCORPORATED		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	
WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432		ALUMINUM SLIDING GLASS DOOR (SM)	
Title		Date	
08/05/20		ERIN KOSS	
ELEV. & DP @ MAX SIZE - 4'x10' 5T		By	
8100-SMI-NOA		Dwg No.	
6 OF 35		8100-SMI-NOA	
Sheet		Rev.	
SGD8100A		8100-SMI-NOA	
Series Desc.		Rev.	



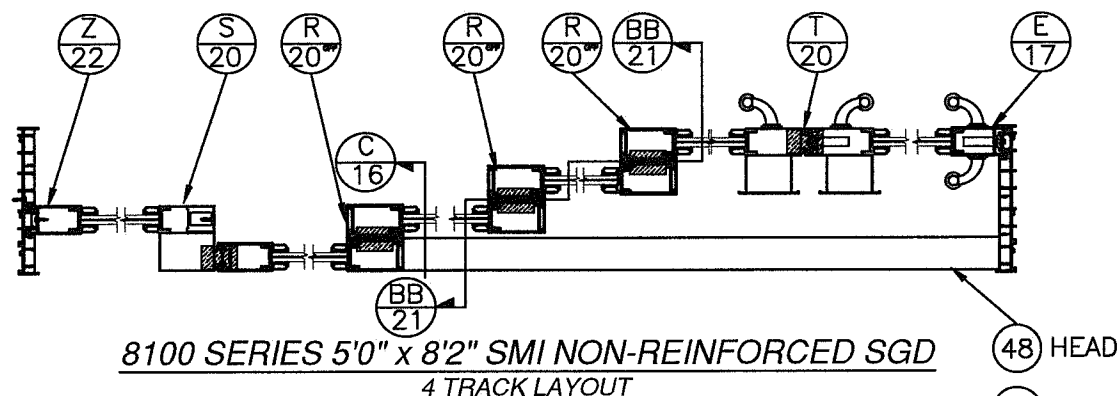
A. LYNN MILLER, P.E.
P.E.# 58705



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0814.02**
Expiration Date: **03/31/2026**
By: Ishaq I. Chande
Miami-Dade Product Control

(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

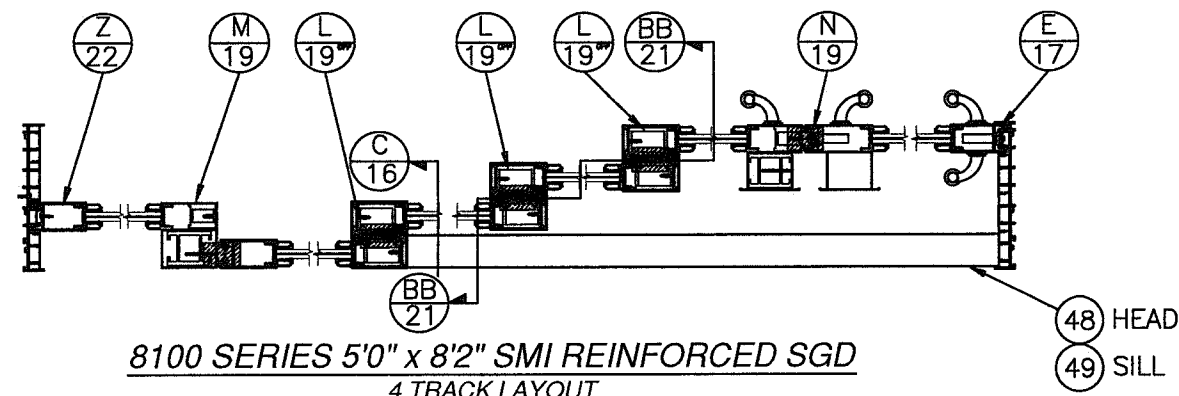


8100 SERIES 5'0" x 8'2" SMI NON-REINFORCED SGD
4 TRACK LAYOUT

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

DESIGN PRESSURE RATING	IMPACT RATING
±70.0PSF	SMALL MISSILE IMPACT

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



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

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

DESIGN PRESSURE RATING	IMPACT RATING
±110.0PSF	SMALL 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	SMALL 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"

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

Date

08/05/20

Rev.

ERIN KOSS

8100-SMI-NOA

DWG

No.

7 OF 35

Sheet

SGD8100A

Drawn By

ERIN KOSS

8100-SMI-NOA

DWG

No.

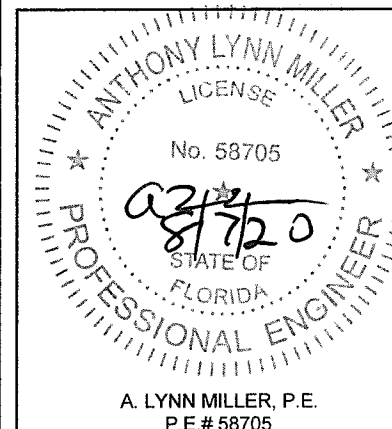
7 OF 35

Sheet

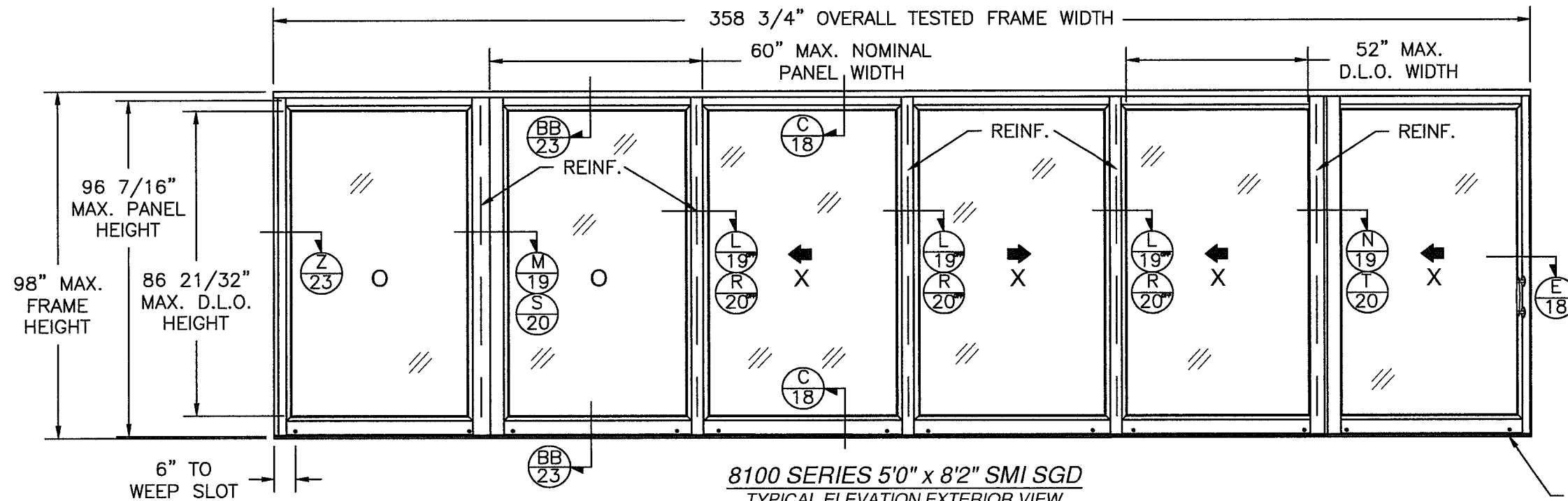
SGD8100A

ALUMINUM SLIDING GLASS DOOR (SM)

ELEV. & DP @ MAX SIZE - 5'x8'2" 4T



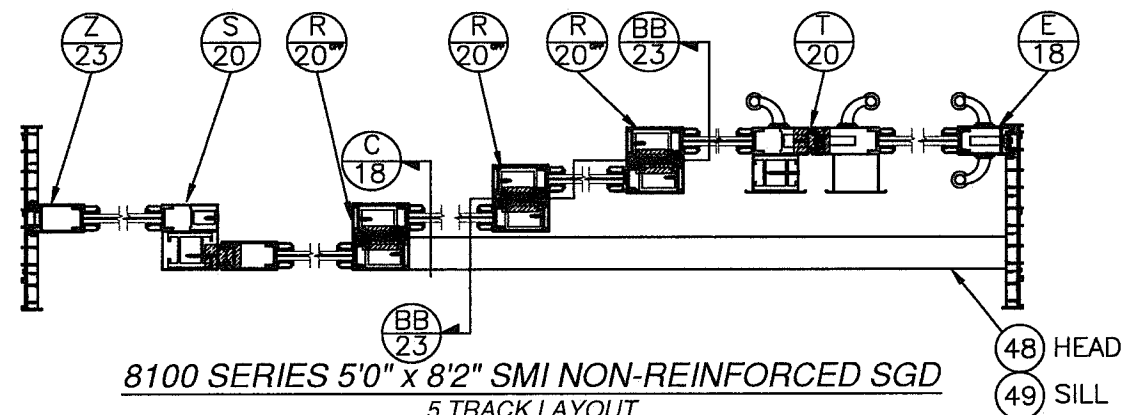
A. LYNN MILLER, P.E.
P.E.# 58705



8100 SERIES 5'0" x 8'2" SMI 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

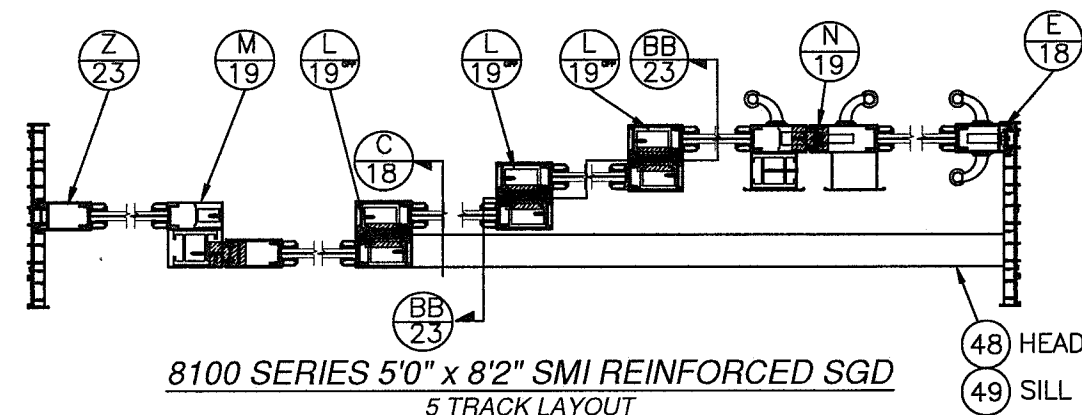


8100 SERIES 5'0" x 8'2" SMI NON-REINFORCED SGD
5 TRACK LAYOUT

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

DESIGN PRESSURE RATING	IMPACT RATING
±70.0PSF	SMALL MISSILE IMPACT

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



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

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

DESIGN PRESSURE RATING	IMPACT RATING
±110.0PSF	SMALL 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	SMALL MISSILE IMPACT

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

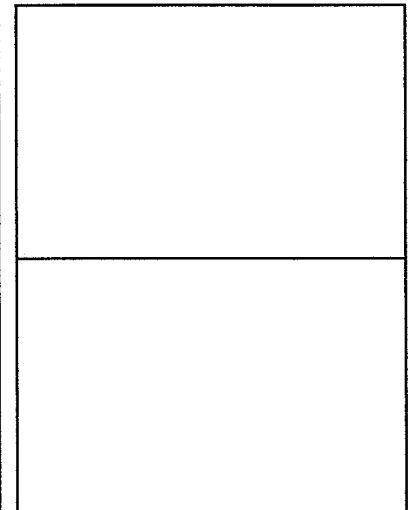
PANEL HEIGHT AND D.L.O. FORMULA

PANEL HEIGHT = UNIT HEIGHT - 1 9/16"

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

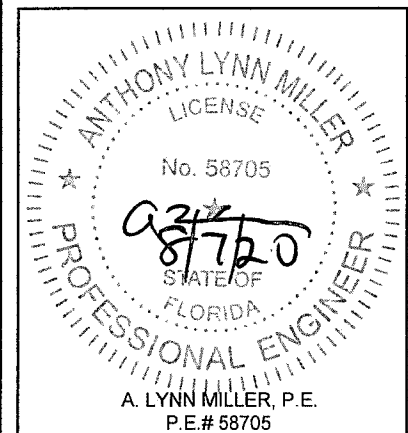
D.L.O. WIDTH = NOMINAL PANEL WIDTH - 9 1/2"

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0814.02**
Expiration Date: **03/31/2026**
By: Isheq I. Chande
Miami-Dade Product Control



Revision: NO CHANGES THIS SHEET.

WINDOOR® INCORPORATED WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432	ALUMINUM SLIDING GLASS DOOR (SM) ELEV. & DP @ MAX SIZE - 5'x8'2" 5T SGD8100A	8 OF 35	DWG No.	8100-SMI-NOA	Rev.
		By	ERIN KOSS	Date	08/05/20
		Prepared by	A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296		



NON-REINFORCED: GLAZING OPTIONS A, B, C, D, E & F

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	-	-	-	-

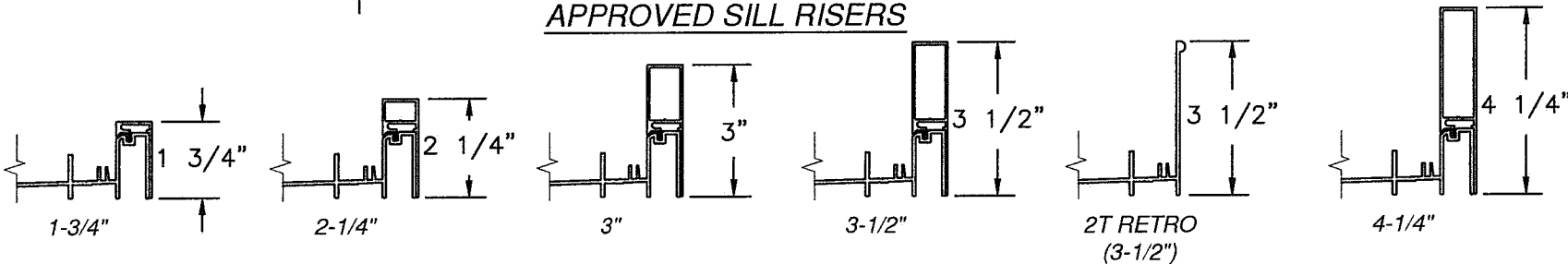
2-1/4" SILL RISER

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"



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	-	-	-	-

APPROVED SILL RISERS

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0814.02
Expiration Date: 03/31/2026

By: Isheq I. Chande
Miami-Dade Product Control

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

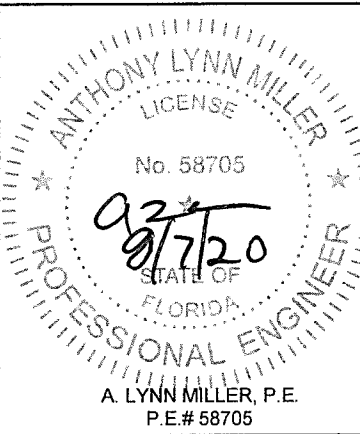
PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #29296

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

ALUMINUM SLIDING GLASS DOOR (SM)
DP CHARTS - NON-REINFORCED
SGD8100A

08/05/20
Date
ERIN KOSS
By
8100-SMI-NOA
No.
DWG
9 OF 35
Sheet

Rev.



REINFORCED: GLAZING OPTIONS A, B, C, D, E & F

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"

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. **20-0814.02**
Expiration Date: **03/31/2026**
By: Ishaq I. Chande
Miami-Dade Product Control

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	-	-	-	-

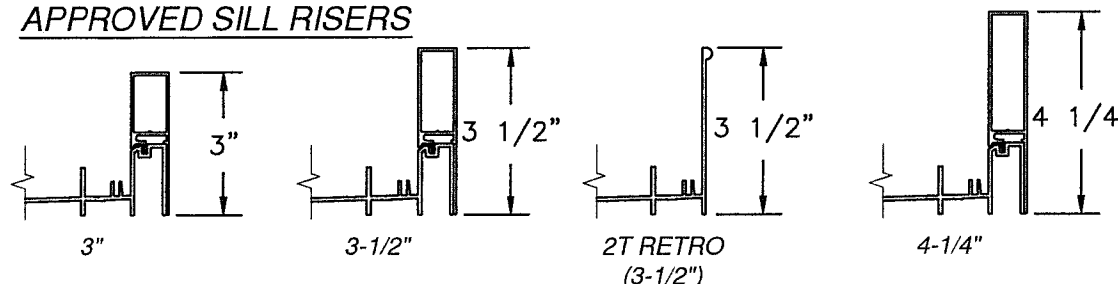
3-1/2" SILL RISER

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	-	-	-	-

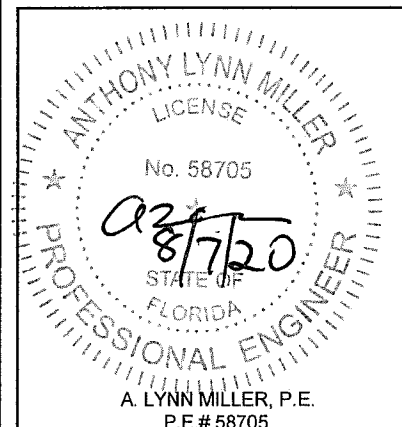
APPROVED SILL RISERS

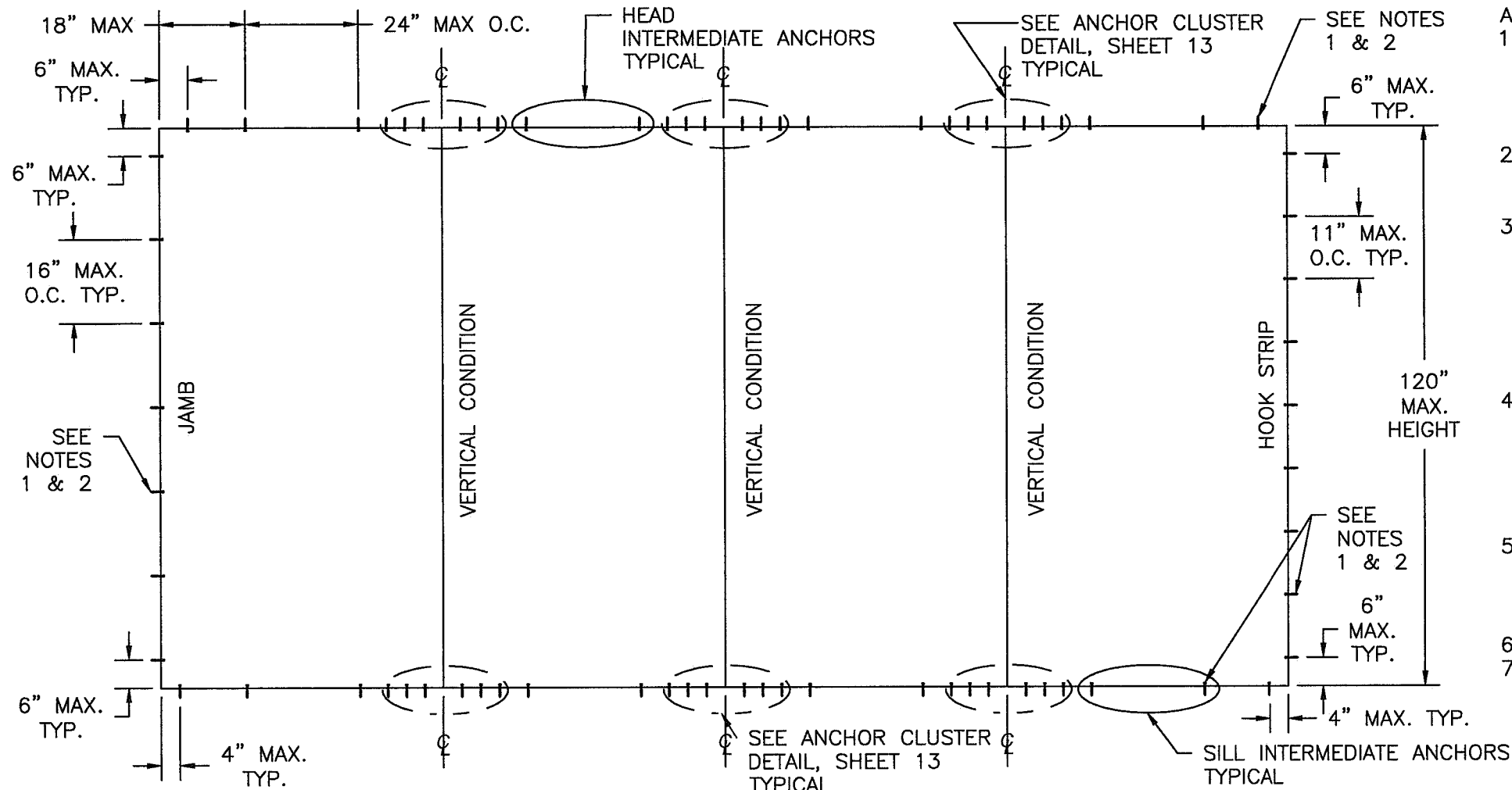


NO CHANGES THIS SHEET.

Revision:

WINDOOR® INCORPORATED		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296		Date		08/05/20	
WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432		ALUMINUM SLIDING GLASS DOOR (SM)				ERIN KOSS	
Title		DP CHARTS - REINFORCED		By		Dwg	
Series		SGD8100A		10 OF 35		No.	
Sheet		10 OF 35		DWG		8100-SMI-NOA	
Rev.							





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
	Hook	Hook	Hook	Hook	Hook	Hook	Hook
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. **20-0814.02**
Expiration Date: **03/31/2026**

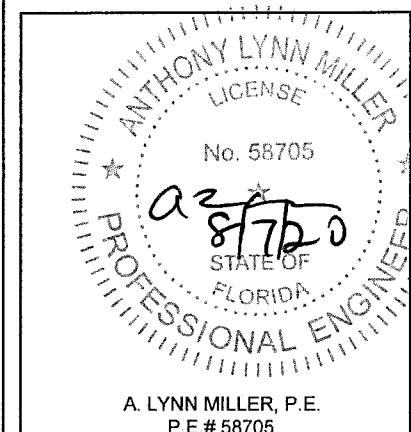
By: Isaac I. Chan
Miami-Dade Product Control

H&S = HEAD AND SILL INTERMEDIATE ANCHORS

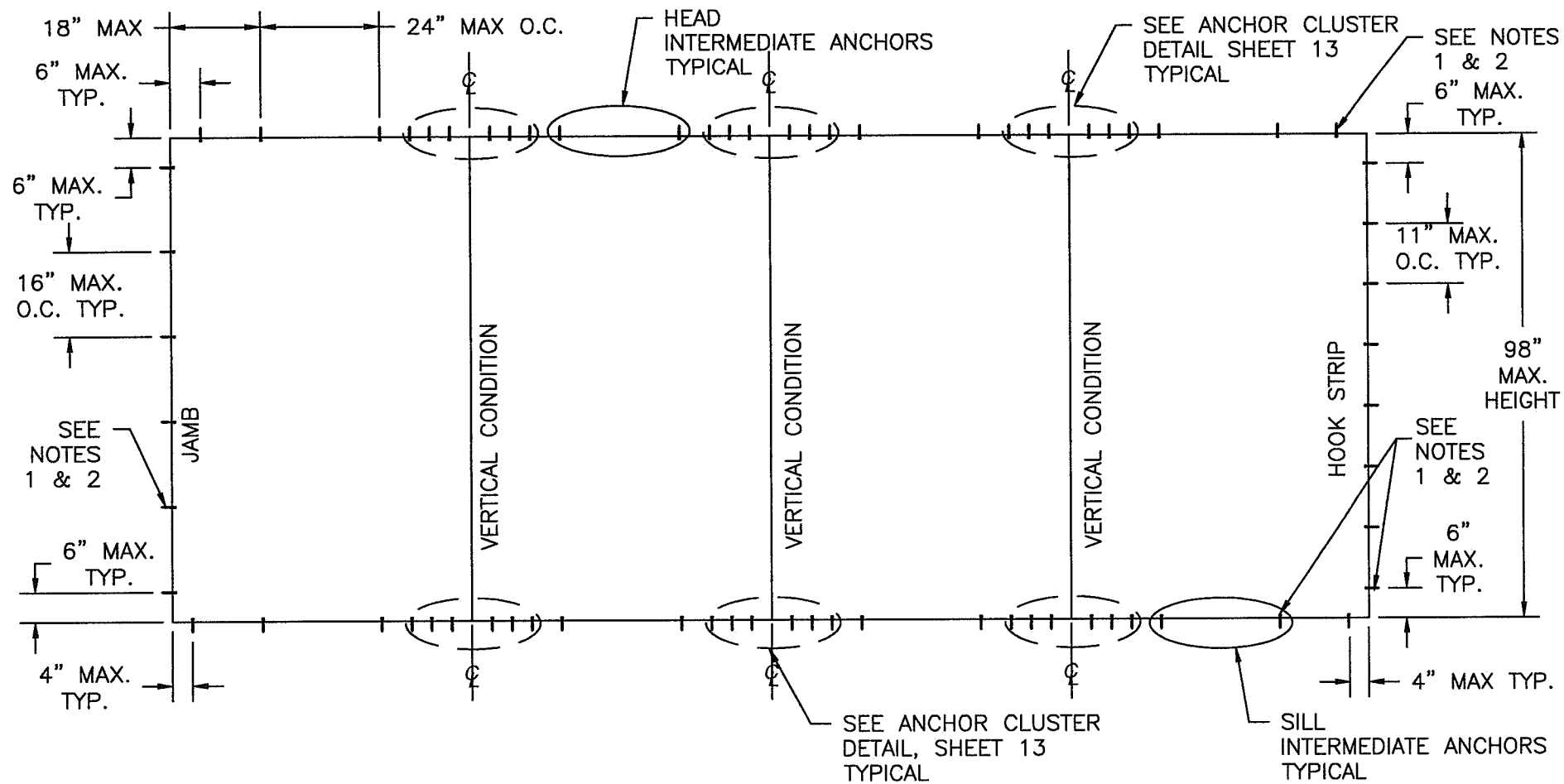
Revision:

NO CHANGES THIS SHEET.

WINDOOR® INCORPORATED		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	
WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432		ALUMINUM SLIDING GLASS DOOR (SM)	
Title		Date	08/05/20
Desc.		By	ERIN KOSS
Anchor Layout - 4'x10'		Drawn	
Sheet		DWG No.	8100-SMI-NOA
11 OF 35			Rev.
SGD8100A			
Series			



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



5'0" x 8'2" 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
	Hook	Hook	Hook	Hook	Hook	Hook	Hook
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.

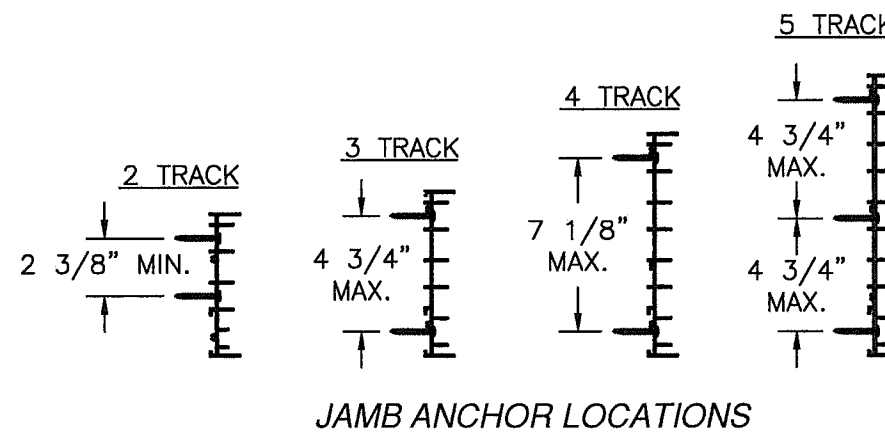
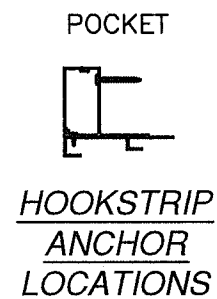
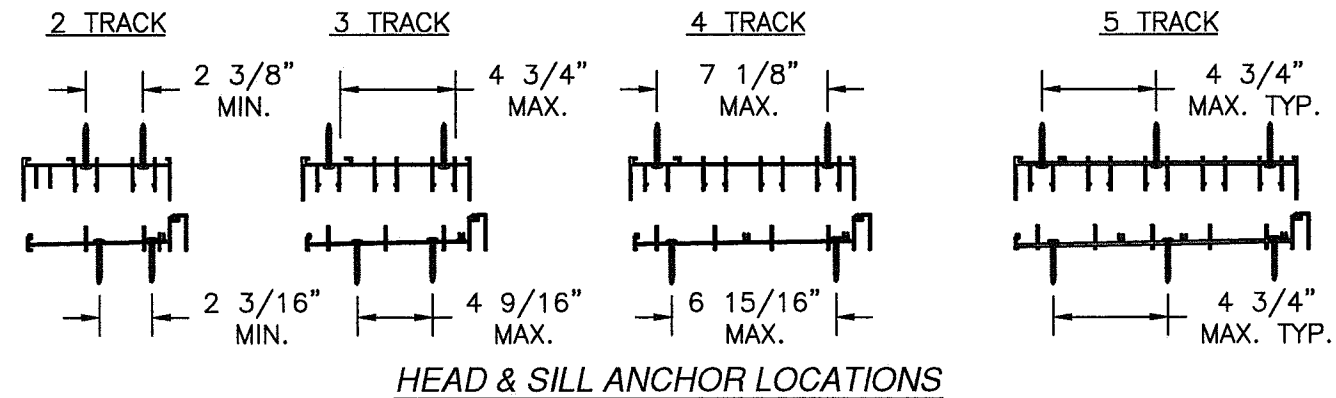
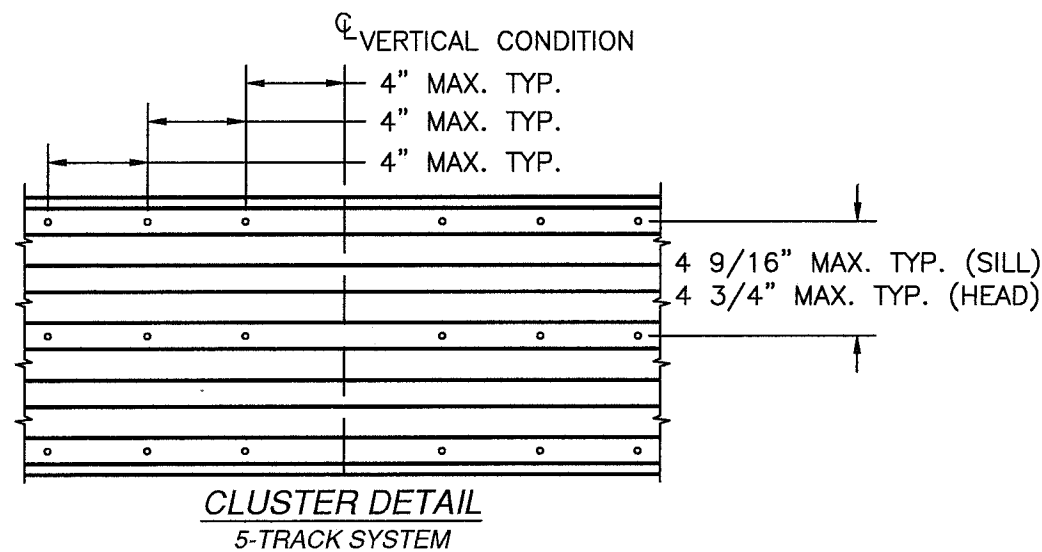
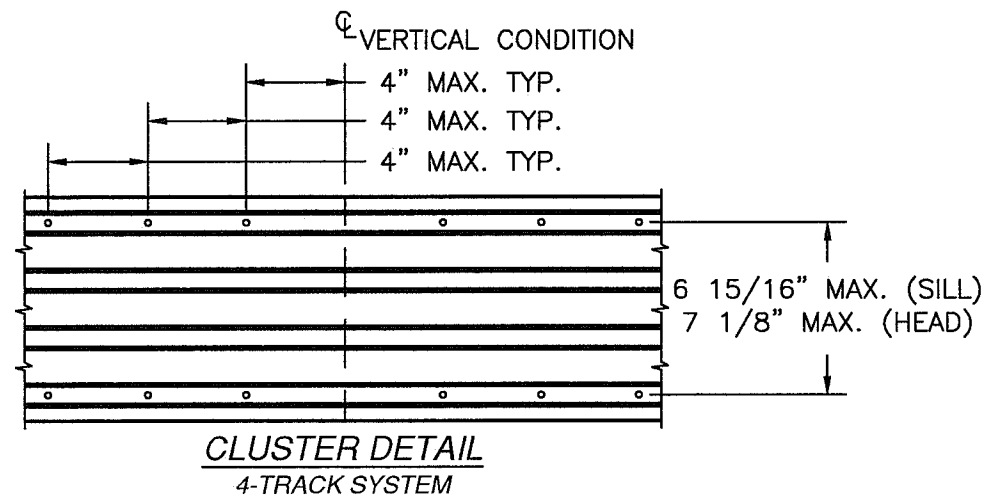
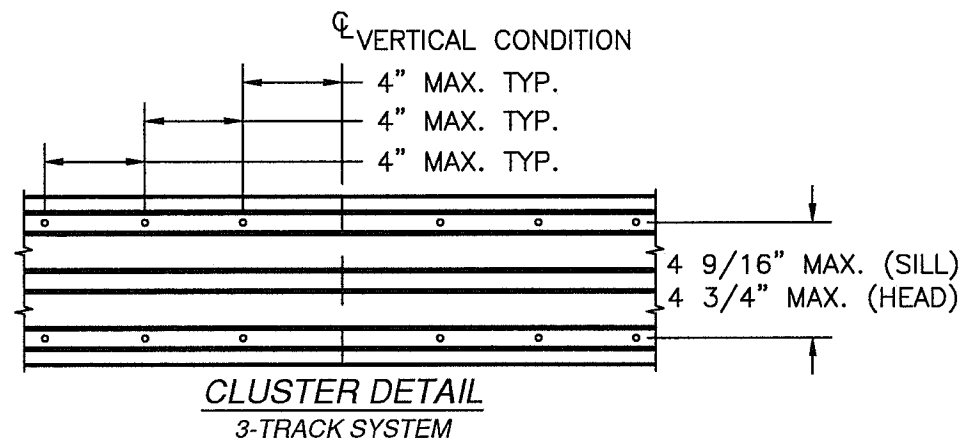
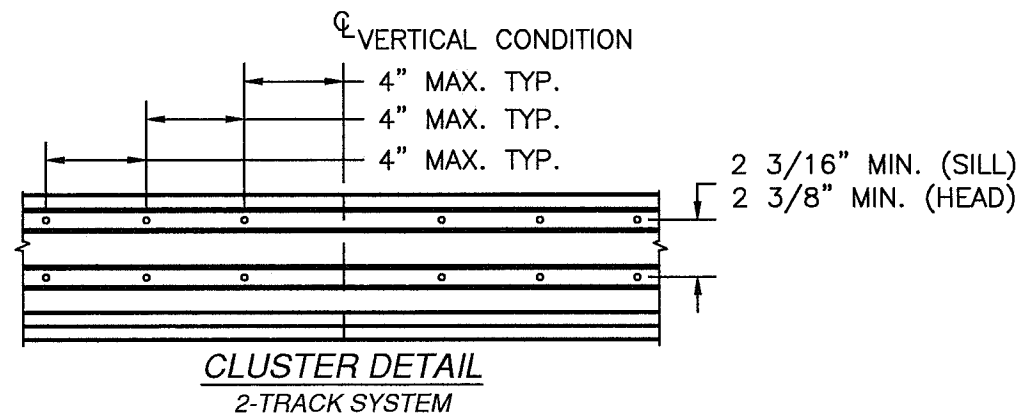
PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 20-0814.02
Expiration Date: 03/31/2026

By: Ismael I. Chan
Miami-Dade Product Control

H&S = HEAD AND SILL INTERMEDIATE ANCHORS

Revision:		NO CHANGES THIS SHEET.	
PREPARED BY: A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296		Date: 08/05/20	Rev:
WINDOOR® INCORPORATED WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432		Drawn By: ERIN KOSS Title: ALUMINUM SLIDING GLASS DOOR (SM)	DWG No: 8100-SMI-NOA Sheet: 12 OF 35
ANCHOR LAYOUT - 5'x8'2"		Series: SGD8100A	Desc:

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



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0814.02**
Expiration Date: **03/31/2026**
By: Ismael L. Chan
Miami-Dade Product Control

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.

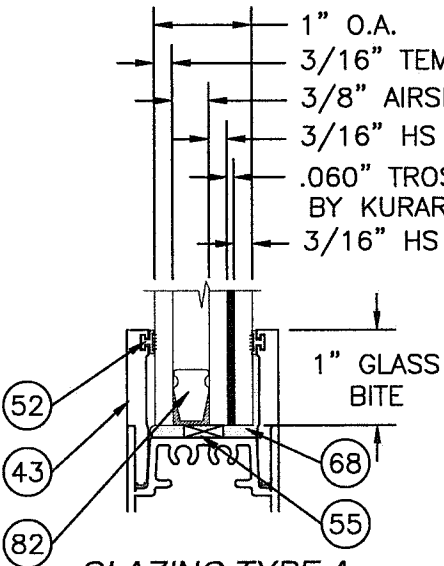
Revision:	
NO CHANGES THIS SHEET.	

Revision:	
NO CHANGES THIS SHEET.	

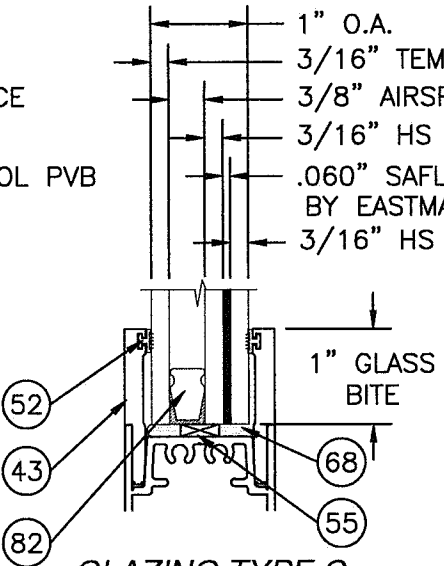
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	Date	08/05/20	ERIN KOSS By 8100-SMI-NOA
	Rev		
	DWG No	13 OF 35	
	Sheet	SGD8100A	
WINDOOR® INCORPORATED WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432	ALUMINUM SLIDING GLASS DOOR (SM)		ANCHOR LOCATIONS & CLUSTERS

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

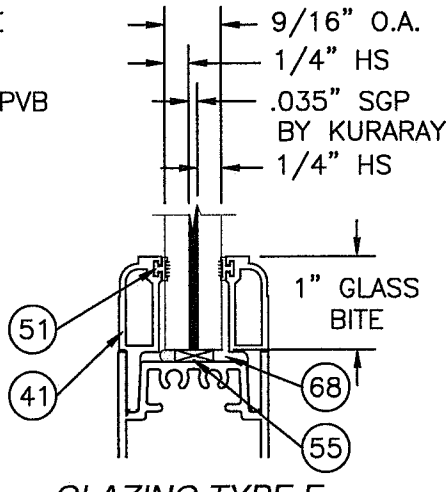
BILL OF MATERIALS				
ITEM NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	FS-04641	2 TRACK WS FRAME HEAD	KEYMARK	ALUMINUM 6063-T6
2	FS-04788	2 TRACK WS FRAME JAMB	KEYMARK	ALUMINUM 6063-T6
3	S-44119	2 TRACK NSWS SILL PAN	KEYMARK	ALUMINUM 6063-T6
4	S-44121	2 TRACK WS SILL INSERT	KEYMARK	ALUMINUM 6063-T6
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		



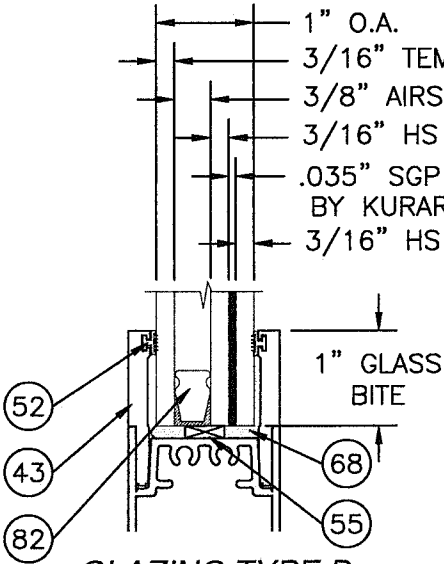
GLAZING TYPE A
SMALL MISSILE IMPACT
NON-REINFORCED &
REINFORCED UNITS



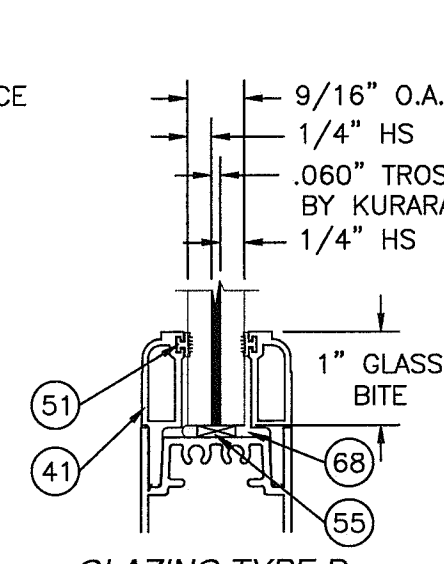
GLAZING TYPE C
SMALL MISSILE IMPACT
NON-REINFORCED &
REINFORCED UNITS



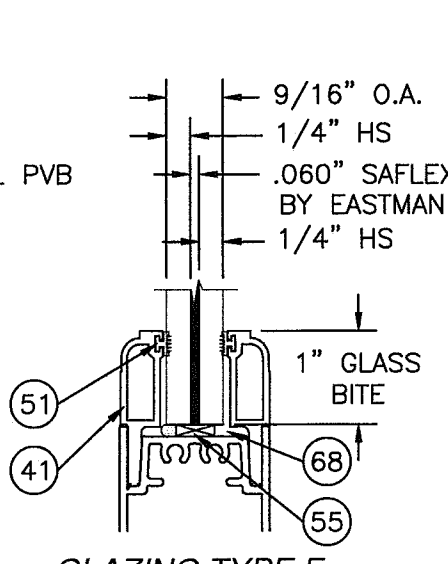
GLAZING TYPE E
SMALL MISSILE IMPACT
NON-REINFORCED &
REINFORCED UNITS



GLAZING TYPE B
SMALL MISSILE IMPACT
NON-REINFORCED &
REINFORCED UNITS



GLAZING TYPE D
SMALL MISSILE IMPACT
NON-REINFORCED &
REINFORCED UNITS



GLAZING TYPE F
SMALL MISSILE IMPACT
NON-REINFORCED &
REINFORCED UNITS

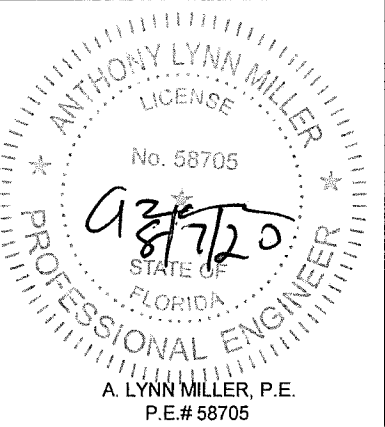
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0814.02**
Expiration Date: **03/31/2026**
By: Isheq I. Chande
Miami-Dade Product Control

EXTERIOR
←

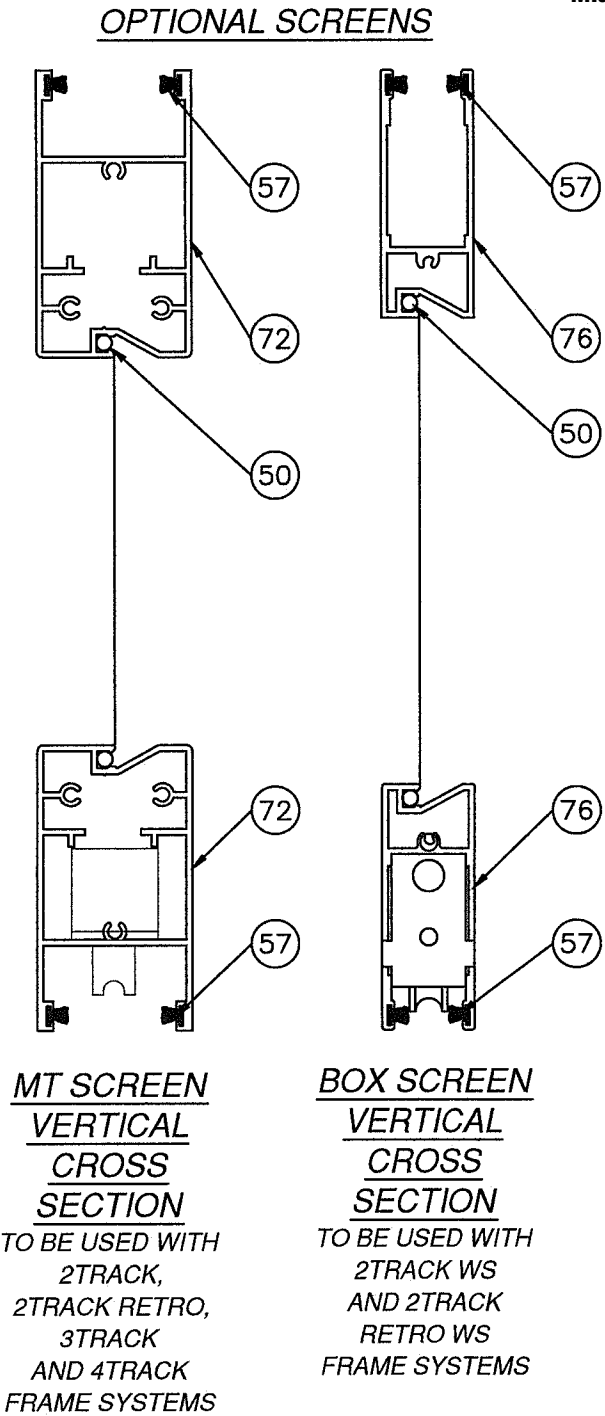
Revision:

NO CHANGES THIS SHEET.

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	08/05/20		ERIN KOSS By 8100-SMI-NOA	Rev.		
	Date					
	Title					
WinDoor® INCORPORATED WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432	ALUMINUM SLIDING GLASS DOOR (SM)		14 OF 35 Sheet	Dwg No. 8100-SMI-NOA		
	BOM & GLAZING DETAILS - REINF.					
	SGD8100A					



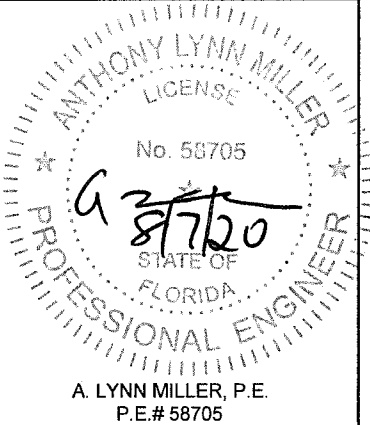
BILL OF MATERIALS				
ITEM NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
56	TP876	INTERLOCK BUMPER		RUBBER
57	W333517KOOOC	FINSEAL .187 x .350		
58	W332217KOOOC	FINSEAL .187 x .240		
59	W231417KOOOC	FINSEAL .187 x .140		
60	131017	#8 x 1/2" PH TEK SCREW		
61	S-44115	2 TRACK NS INSERT		
62	131018	#8 x 3/8" PH TYPE B SS		18-8 SS
63	131004	#10 x 1 1/4" TYPE F SS		
64	131020	#7 x 5/8 PH TYPE ASS		410 SS
65	131011	#8 x 2" FH TEK SCREW		410 SS
66	131009	#10 x 3/4" FH TEK SCREW		410 SS
67	LCS068-N5	SNAP IN SILL GATE		PLASTIC
68		SILICONE	SIKA / DOW	SIKA 552, DOW 791, DOW 983
69	T-32122	5 TRACK SILL PAN	KEYMARK	ALUMINUM 6063-T6
70	S-44120	2 TRACK NS/WS RETRO SILL PAN	KEYMARK	ALUMINUM 6063-T6
71		SMI GLAZING SEE SHEET 14		
72	FH-02727	MT SCREEN TOP/BOTTOM RAIL	KEYMARK	ALUMINUM 6063-T6
73	FH-02728	MT SCREEN STILE	KEYMARK	ALUMINUM 6063-T6
74	FH-02729	MT SCREEN STILE W/SEAL	KEYMARK	ALUMINUM 6063-T6
75	FS-02730	MT SCREEN ASTRAGAL	KEYMARK	ALUMINUM 6063-T6
76	FH-02300	BOX SCREEN TOP/BOTTOM RAIL	KEYMARK	ALUMINUM 6063-T6
77	FH-02395	BOX SCREEN STILE	KEYMARK	ALUMINUM 6063-T6
78	FS-02209	BOX SCREEN SWEEP	KEYMARK	ALUMINUM 6063-T6
79	FS-02650	BOX SCREEN ASTRAGAL	KEYMARK	ALUMINUM 6063-T6
80	7500 A04	SIGNITURE HANDLE SET		
81	T-32125	5 TRACK SILL INSERT	KEYMARK	ALUMINUM 6063-T6
82	TP990	GLASS SPACER	HELMA	ALUMINUM AW-3000
83		#8 x 3/4" PH TEK SCREW		
84		#10 x 3/4" PH TEK SCREW		
85	FS-04791	FIXED PANEL Z-CLIP	KEYMARK	ALUMINUM 6063-T6



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0814.02**
Expiration Date: **03/31/2026**
By: Ismael L. Chan
Miami-Dade Product Control

Revision: **ADDED DOW 791 & DOW 983 TO BOM.**

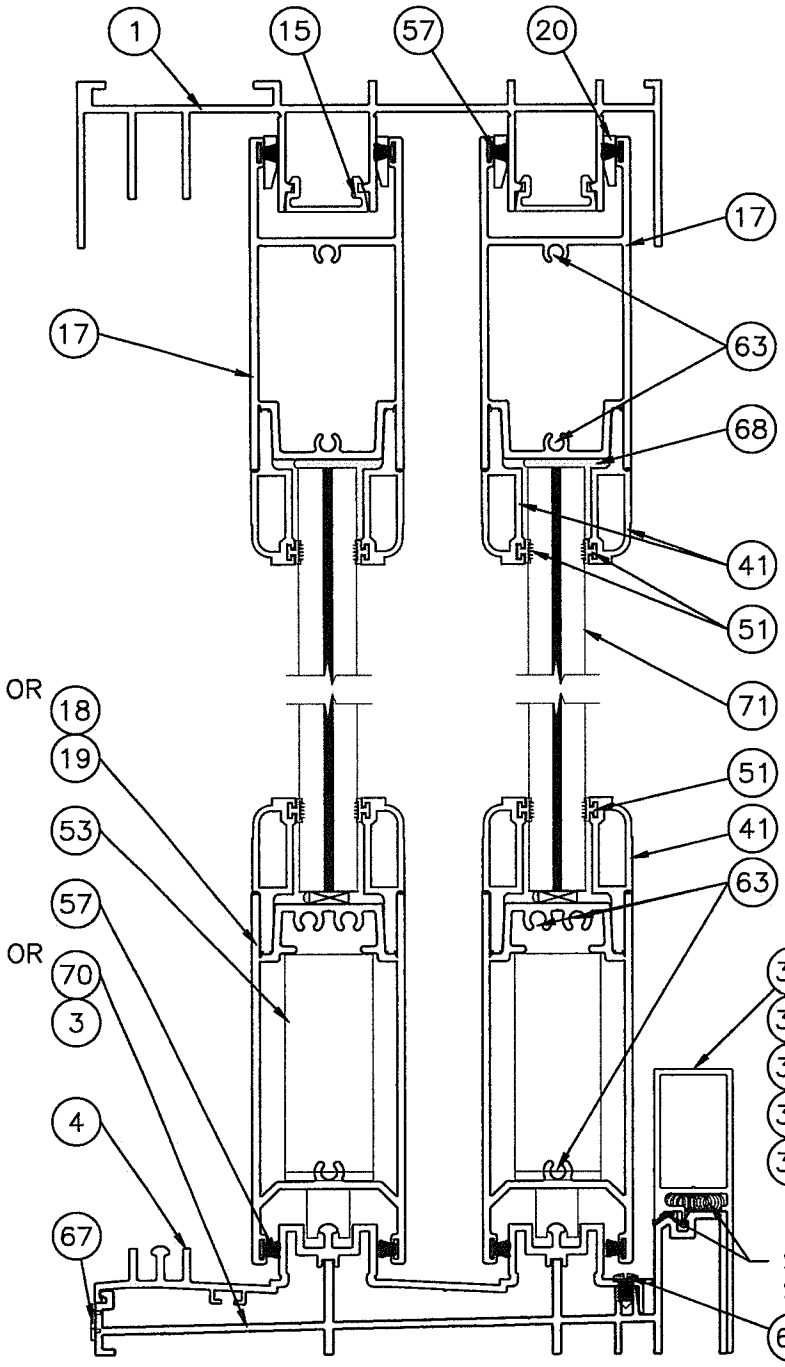
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296		Date	08/05/20	By ERIN KOSS	Rev.
WINDOOR® INCORPORATED WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432		ALUMINUM SLIDING GLASS DOOR (SM)		DWG No.	8100-SMI-NOA
BOM & GLAZING DETAILS		15 OF 35		Sheet	SGD8100A
Series		Desc.		Title	



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

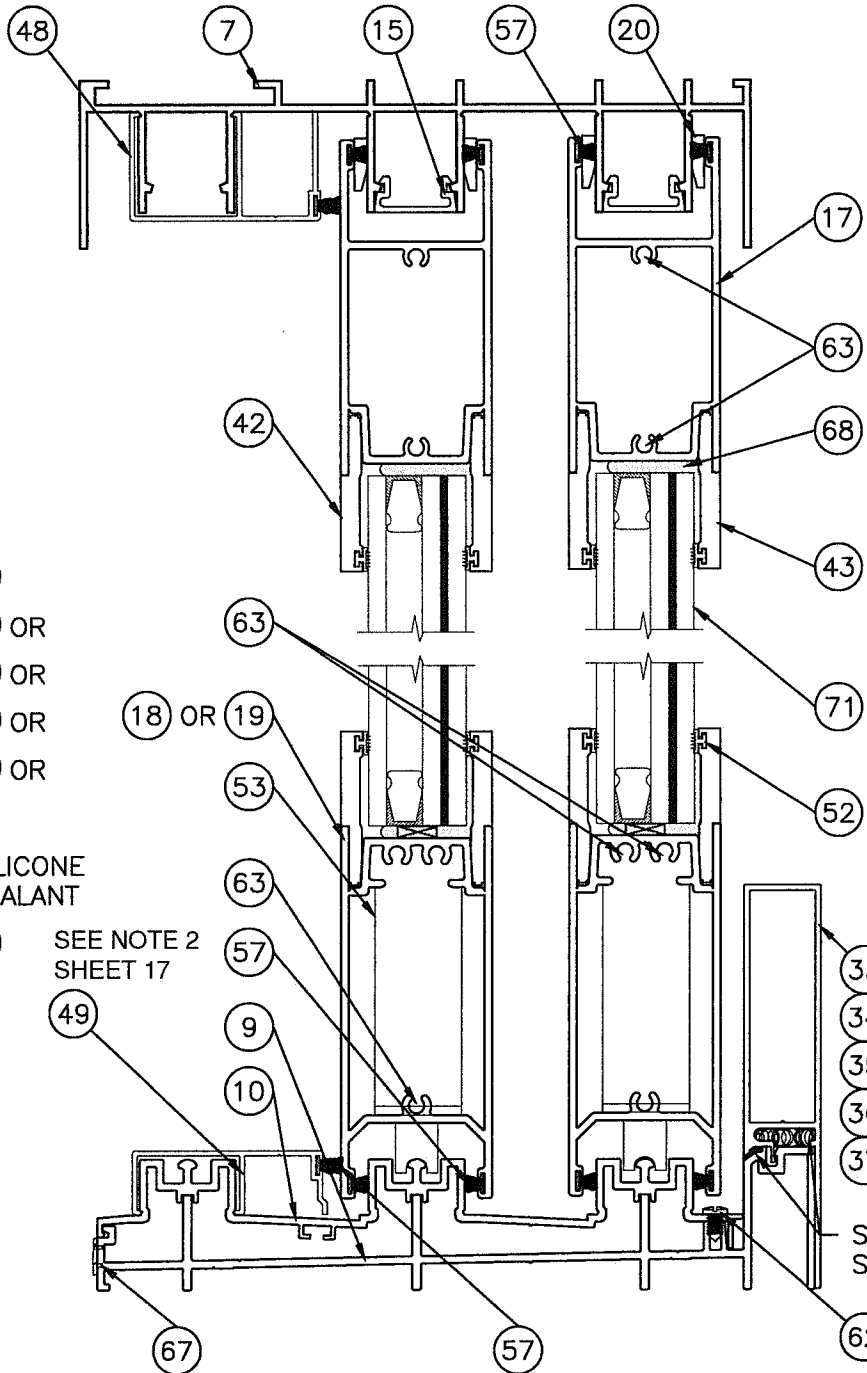


FOR ILLUSTRATION PURPOSES ONLY FOR INSTALLATION DETAILS REFER TO SHEETS 25-31



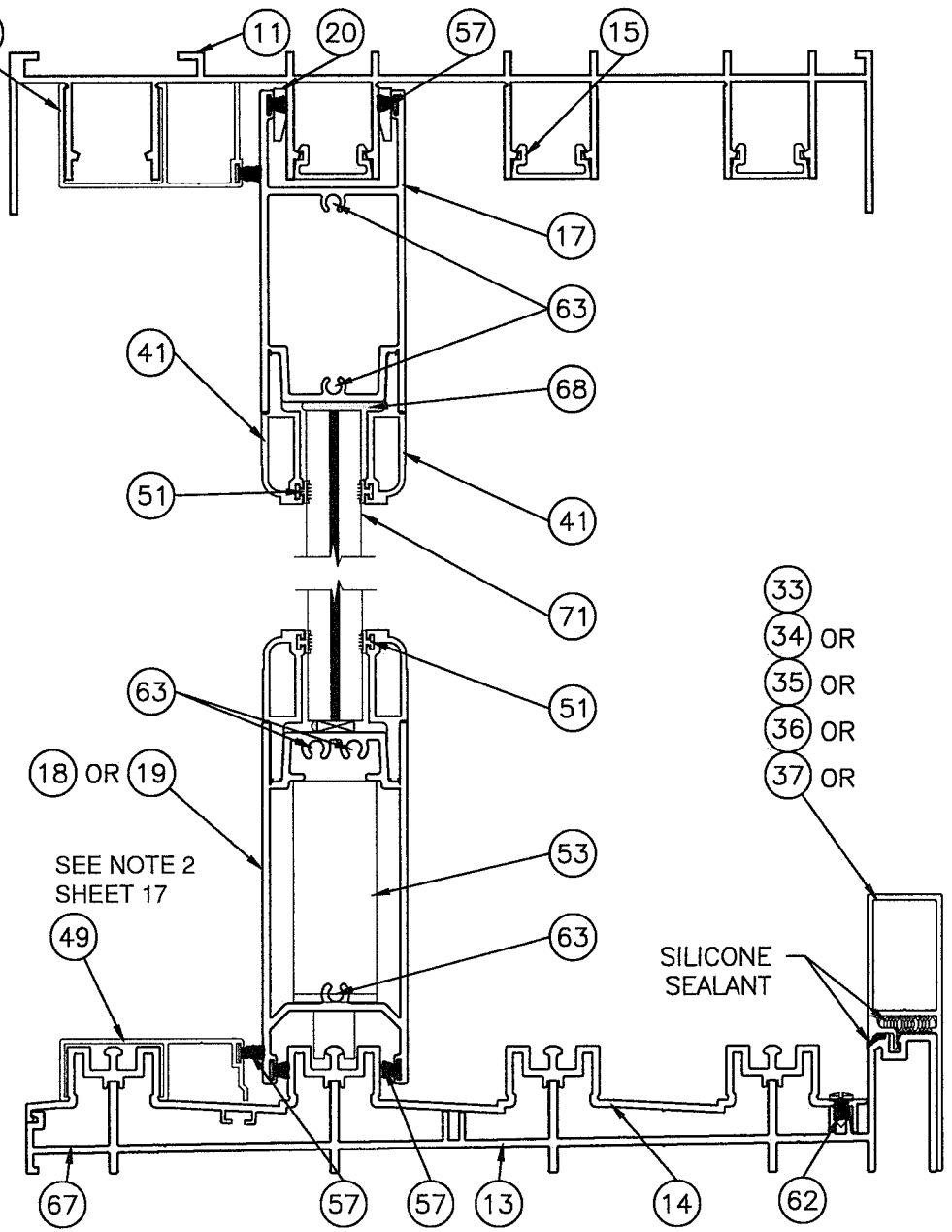
SECTION A
2 TRACK WS FRAME SYSTEM WITH 3" SILL RISER SHOWN, 2 TRACK NS, 2 TRACK WS RETRO AND 2 TRACK NS RETRO SILLS AND ALL SILL RISERS MAY BE USED. SEE D.P. TABLE SHEETS 9 & 10

SEE NOTE 2
SHEET 17



SECTION B
3 TRACK FRAME SYSTEM WITH 4 1/4" SILL RISER SHOWN, ALL SILL RISERS MAY BE USED. SEE D.P. TABLE SHEETS 9 & 10

SEE NOTE 2
SHEET 17



SECTION C
4 TRACK FRAME SYSTEM WITH 3" SILL RISER SHOWN, ALL SILL RISERS MAY BE USED. SEE D.P. TABLE SHEETS 9 & 10

- 33
- 34 OR
- 35 OR
- 36 OR
- 37 OR

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0814.02**
Expiration Date: **03/31/2026**
By: Ismael I. Chandra
Miami-Dade Product Control

EXTERIOR
←

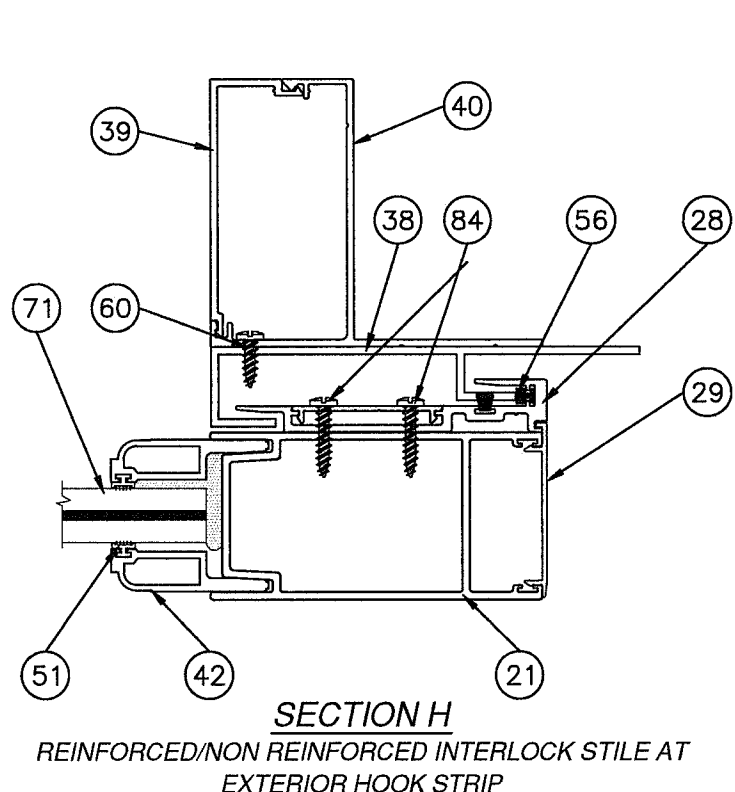
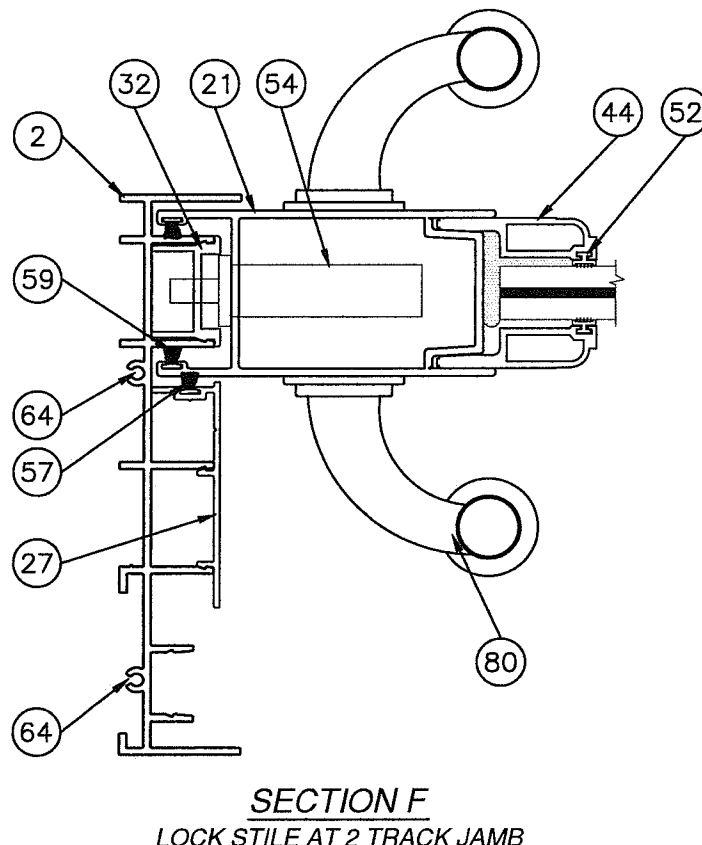
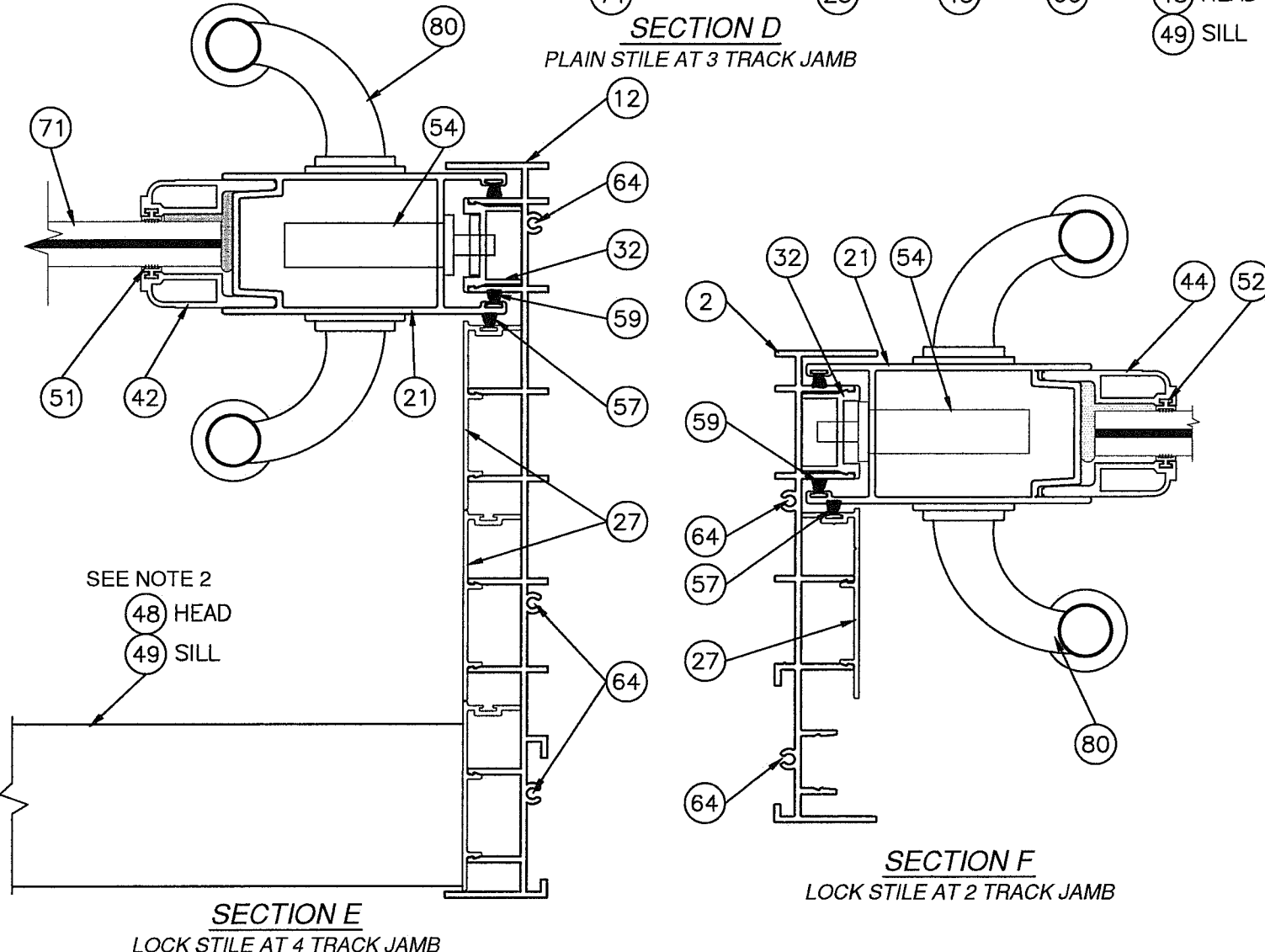
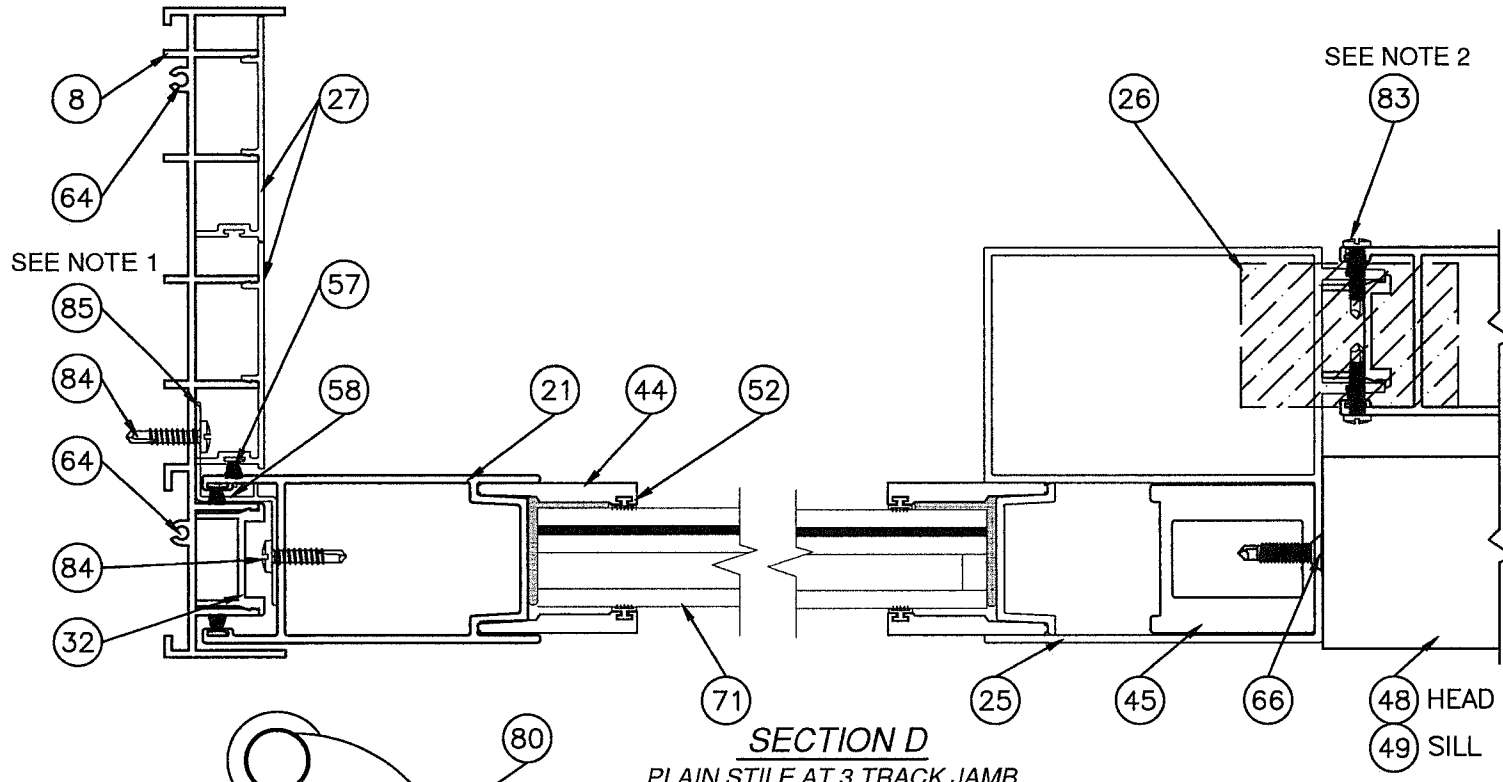
Revision:

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	ERIN KOSS	8100-SMI-NOA
		Date		
		By		
		Rev.		
ALUMINUM SLIDING GLASS DOOR (SM)		16 OF 35	SGD8100A	
SECTION VIEWS - VERTICAL				

ANTHONY LYNN MILLER
LICENSE
No. 58705
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

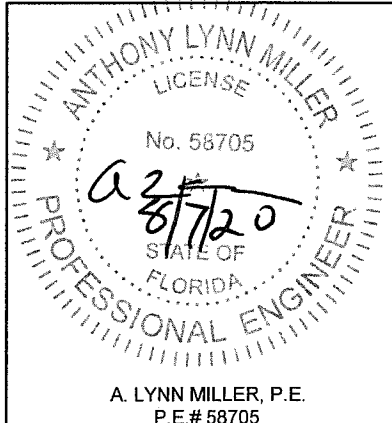


PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0814.02**
Expiration Date: **03/31/2026**
By: Ismael L. Chan
Miami-Dade Product Control

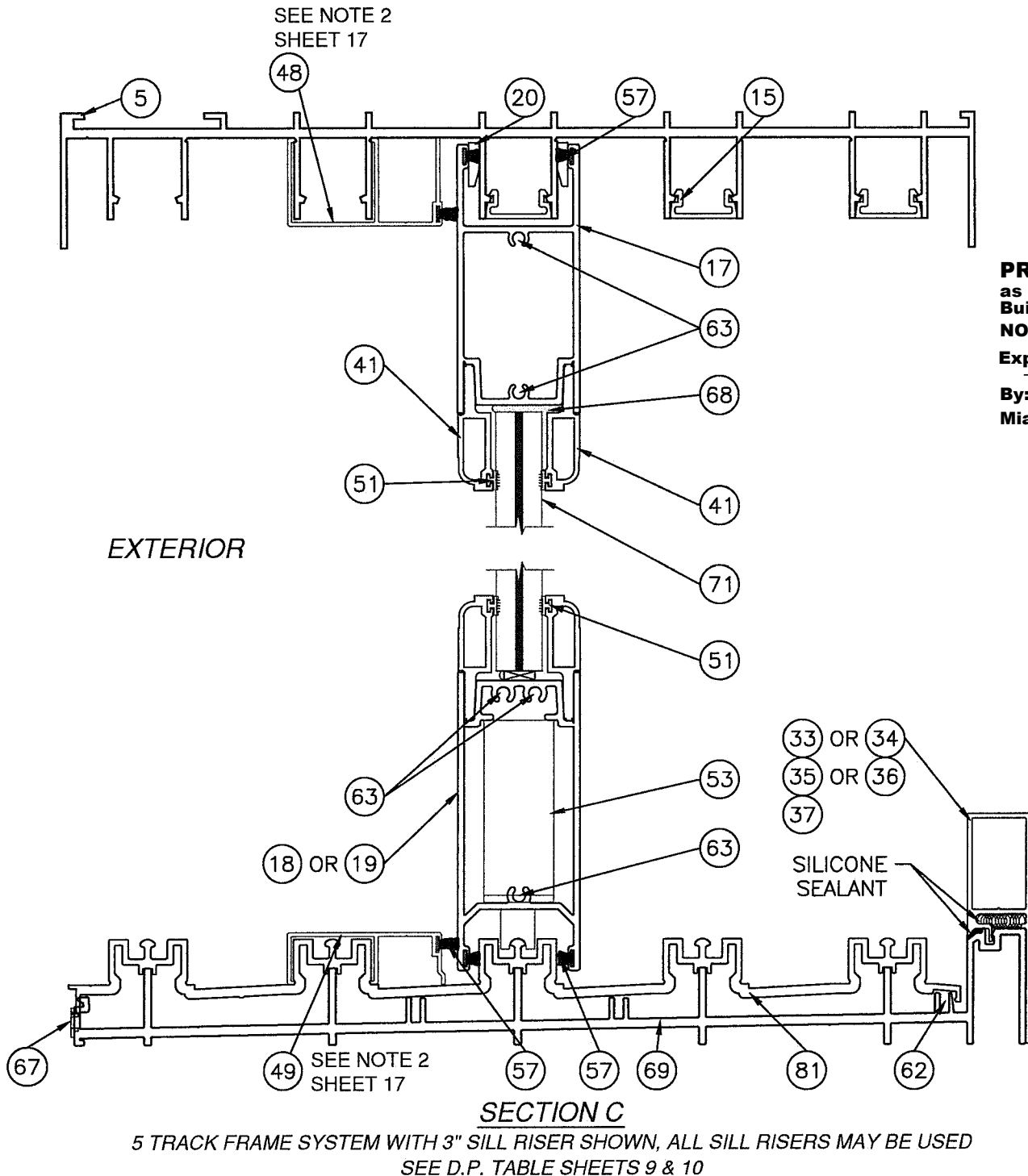
- NOTES:
- FIXED PANEL TO JAMB CONDITION:** FIXED PANEL IS SEURED TO THE JAMB WITH (2) ITEMS #85, FIXED PANEL Z-CLIP. ONE Z-CLIP IS LOCATED 24" FROM TOP OF THE PANEL DOWN AND 24" FROM BOTTOM OF PANEL UP. EACH Z-CLIP IS ATTACHED TO PANEL WITH (3) ITEM # 84, #10 x 3/4" PH TEK SCREWS AND THEN IT IS ATTACHED TO JAMB WITH (3) ITEM #84, #10 x 3/4" PH TEK SCREWS.
 - 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.

EXTERIOR
↓

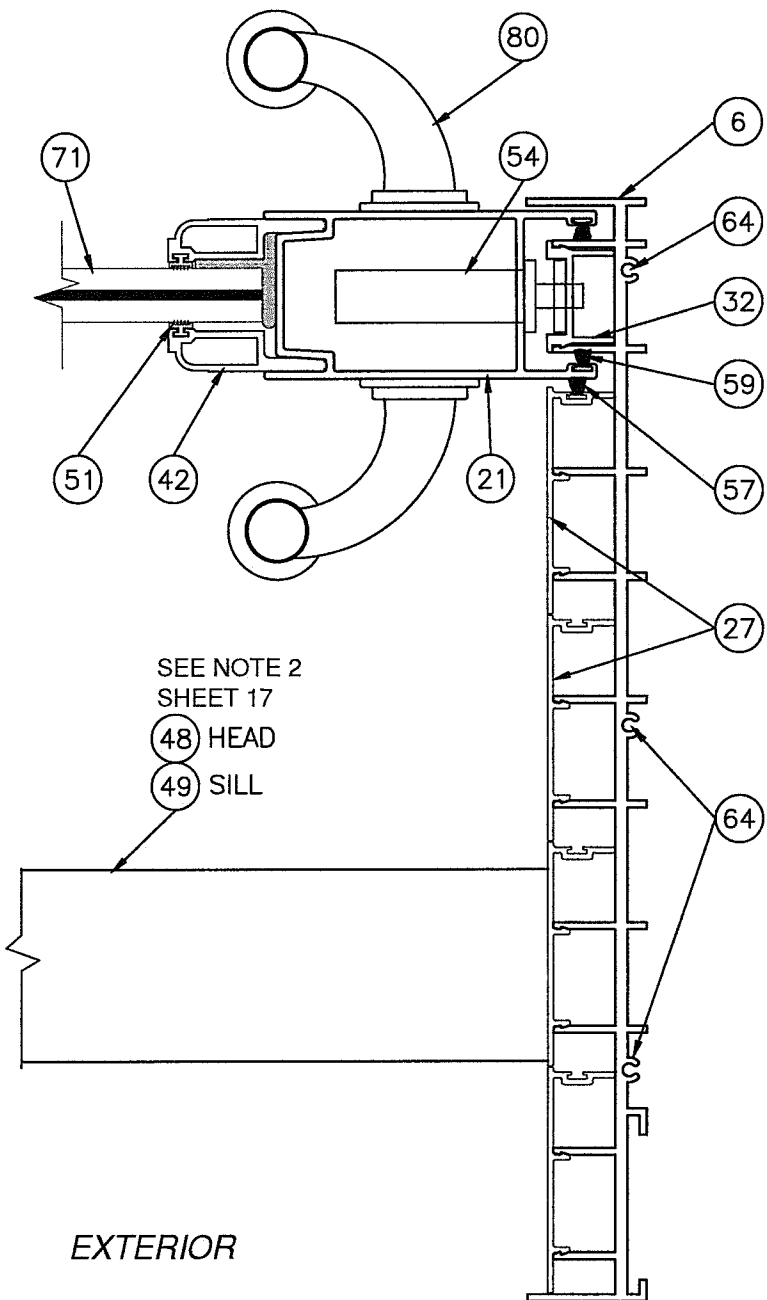
Revision:		NO CHANGES THIS SHEET.	
Prepared by A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	Date	08/05/20	Rev.
			By
			ERIN KOSS
			8100-SMI-NOA
WINDOOR® INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432	Title	ALUMINUM SLIDING GLASS DOOR (SM)	DWG
			No.
			17 OF 35
			Sheet
WINDOOR® INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432	Series	SECTION VIEWS - HORIZONTAL	SGD8100A
			Desc.
			17 OF 35
			Sheet



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

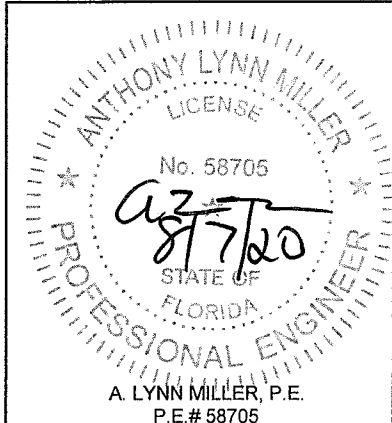


PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0814.02**
Expiration Date: **03/31/2026**
By: Ishag I. Chanda
Miami-Dade Product Control



SECTION E
LOCK STILE AT 5 TRACK JAMB

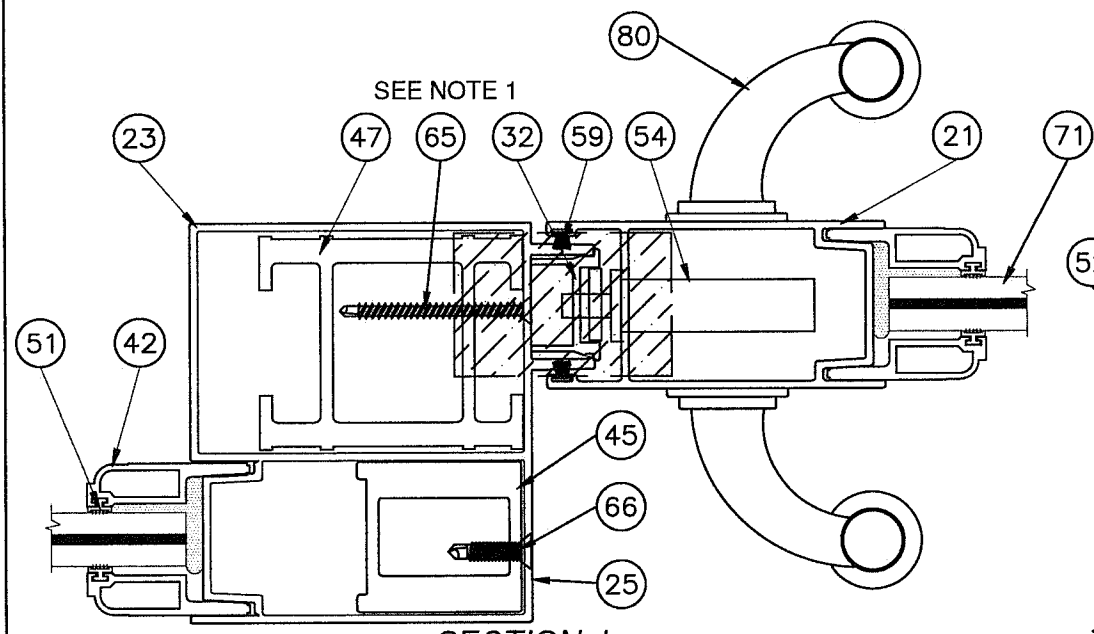
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296		Date	08/05/20	Rev.	
		By	ERIN KOSS	DWG No.	8100-SMI-NOA
WINDOOR® INCORPORATED WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432		ALUMINUM SLIDING GLASS DOOR (SM)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



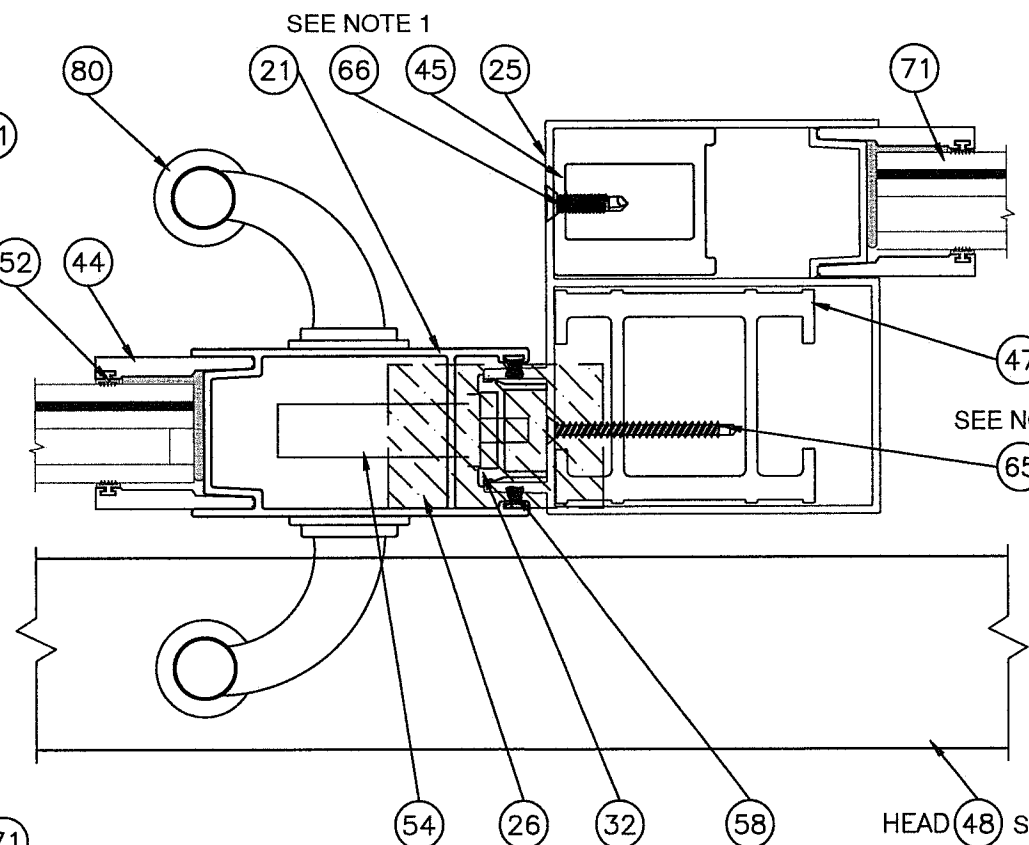
Revision:

NO CHANGES THIS SHEET.

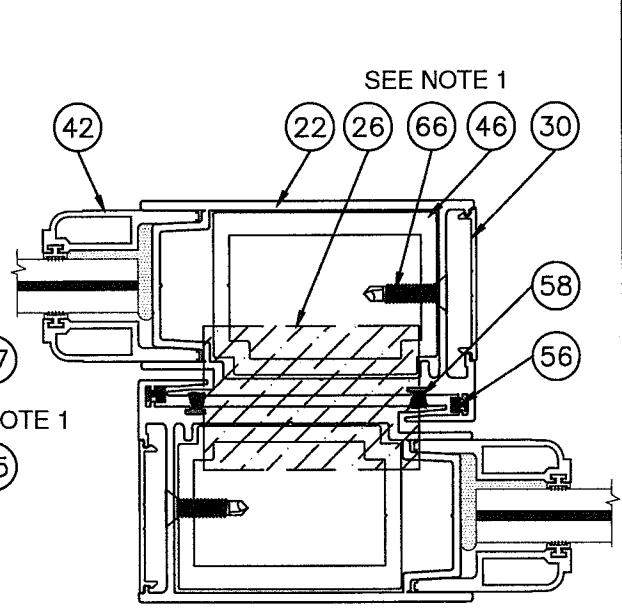
FOR ILLUSTRATION PURPOSES ONLY FOR INSTALLATION DETAILS REFER TO SHEETS 25-31



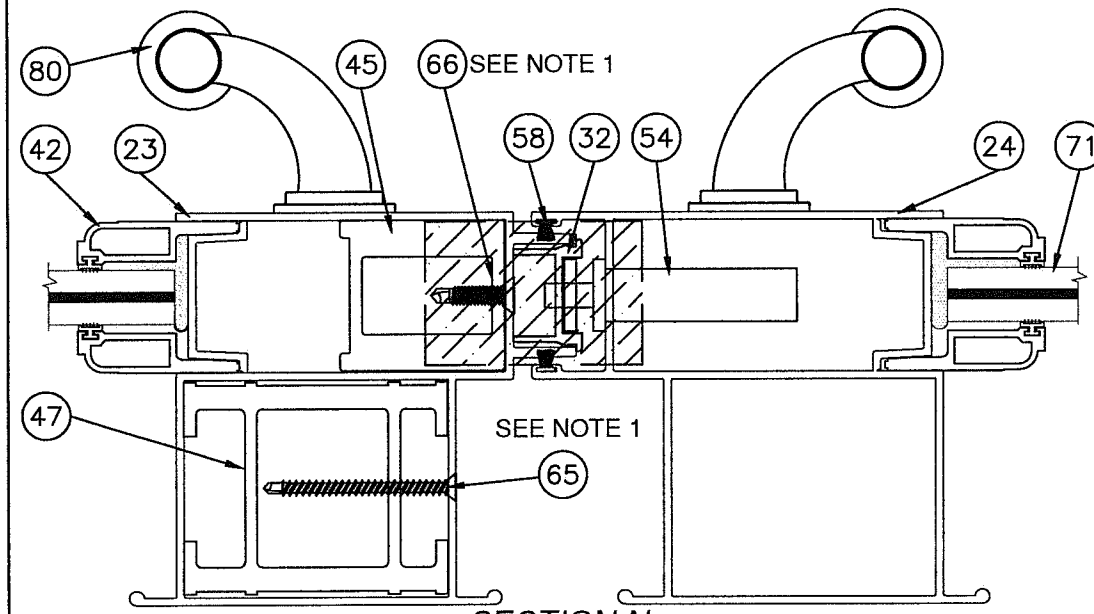
SECTION J
REINFORCED INTERIOR FIXED BUTT STILE TO LOCK STILE



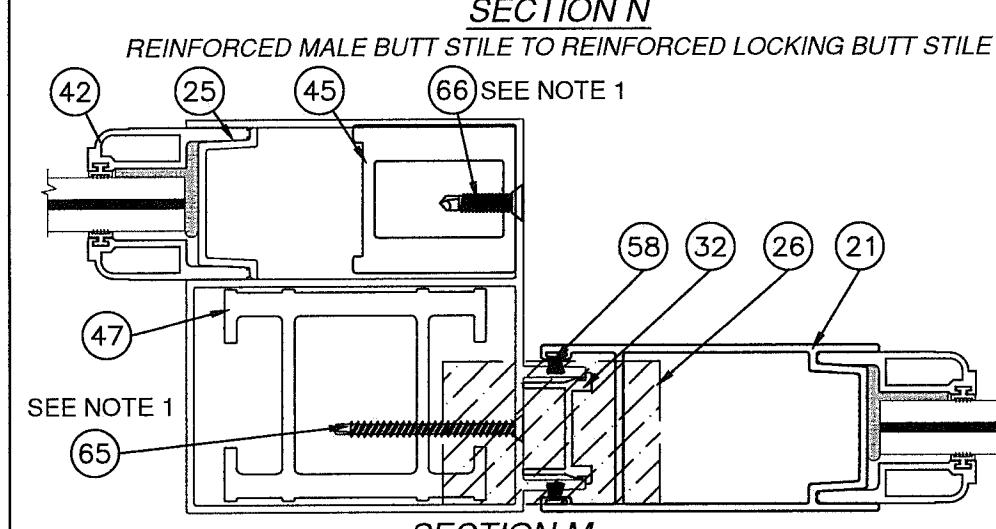
SECTION K
LOCK STILE TO REINFORCED EXTERIOR FIXED BUTT STILE



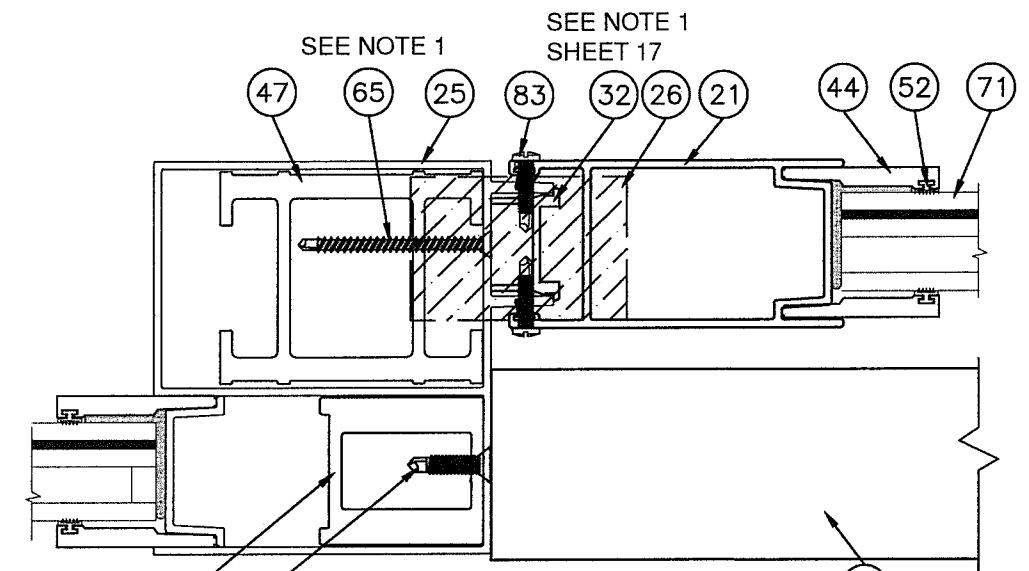
SECTION L
REINFORCED INTERLOCK STILE TO REINFORCED INTERLOCK STILE



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

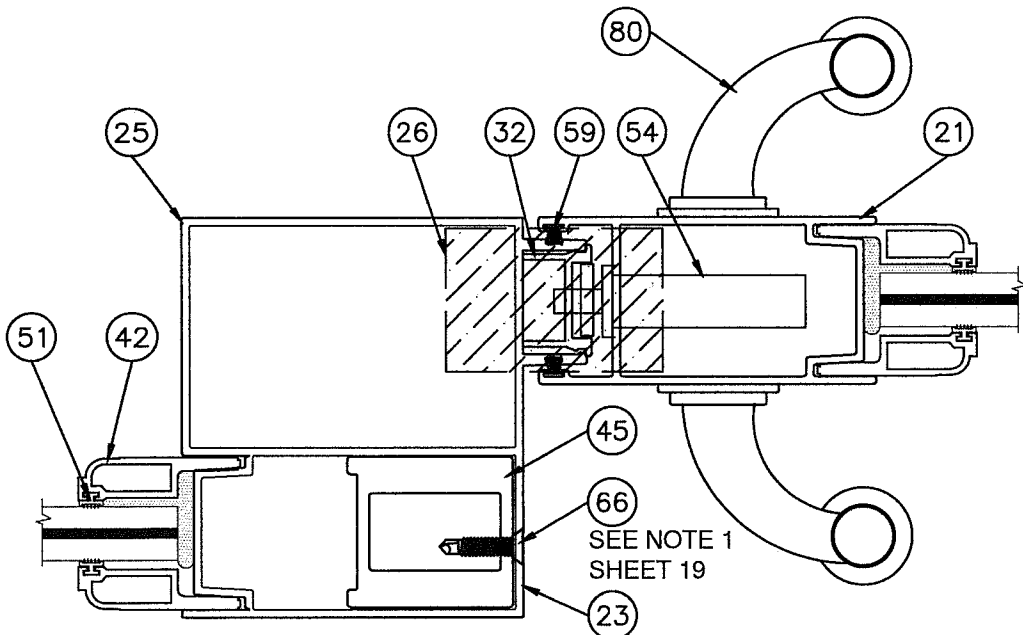
- NOTES:
1. REINFORCING BAR NOTE: ITEM #46, INTERLOCK REINFORCING BAR IS SECURED TO INTERLOCK WITH ITEM #66. ITEM #47, FEMALE BUTT STILE REINFORCING BAR IS SECURED TO FEMALE BUTT STILE AND FEMALE BUTT STILE OFFSET WITH ITEM #65. ITEM #45, 6000 BUTT STILE REINFORCING BAR IS SECURED TO FEMALE BUTT STILE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

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0814.02**
Expiration Date: **03/31/2026**
By: Ismael I. Chan
Miami-Dade Product Control

EXTERIOR
↓

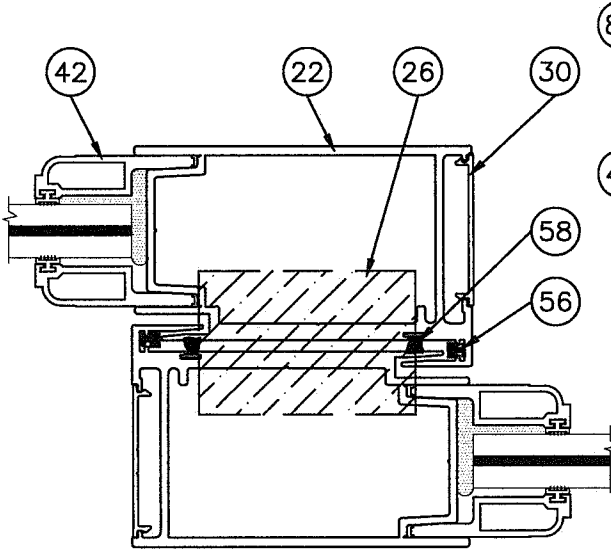
Revision:		NO CHANGES THIS SHEET.	
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296		08/05/20	Rev.
WINDOOR® INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432		By: ERIN KOSS	8100-SMI-NOA
ALUMINUM SLIDING GLASS DOOR (SM)		19 OF 35	DWG No.
SECTION VIEWS - HORIZONTAL		SGD8100A	Sheet
ANTHONY LYNN MILLER LICENSE No. 58705 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



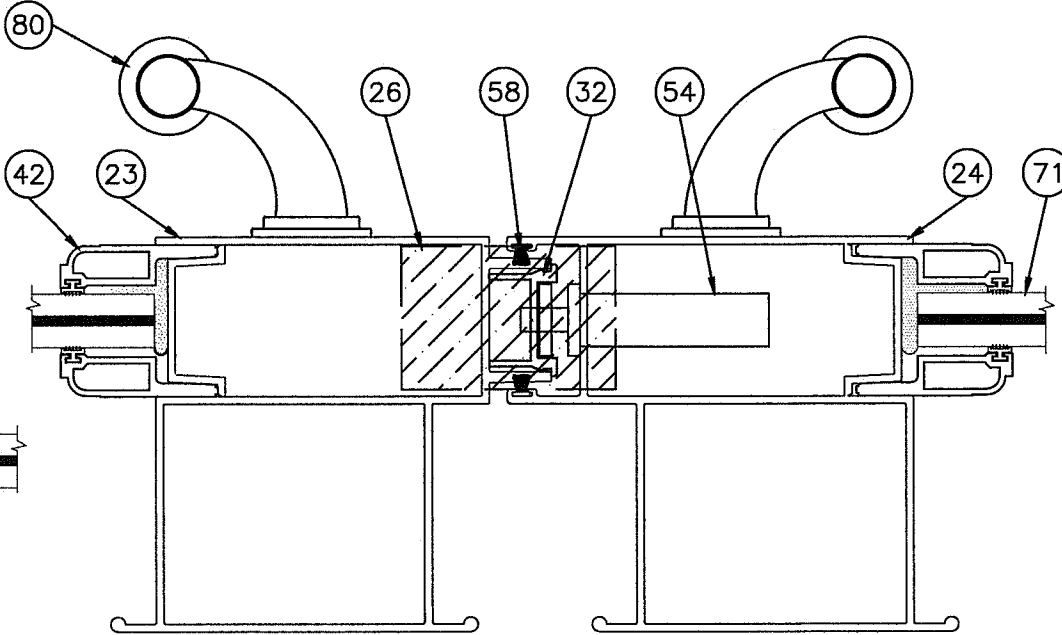
SECTION P

NON-REINFORCED INTERIOR FIXED BUTT STILE TO LOCK STILE



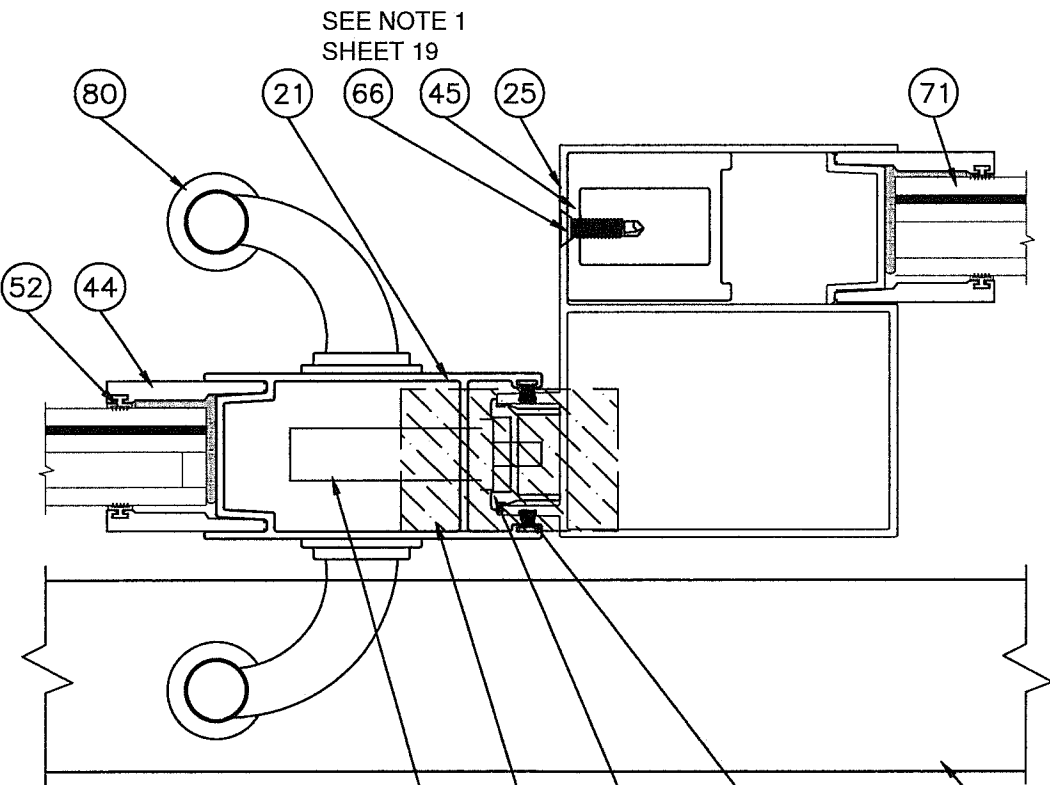
SECTION R

NON-REINFORCED INTERLOCK STILE TO
NON-REINFORCED INTERLOCK STILE



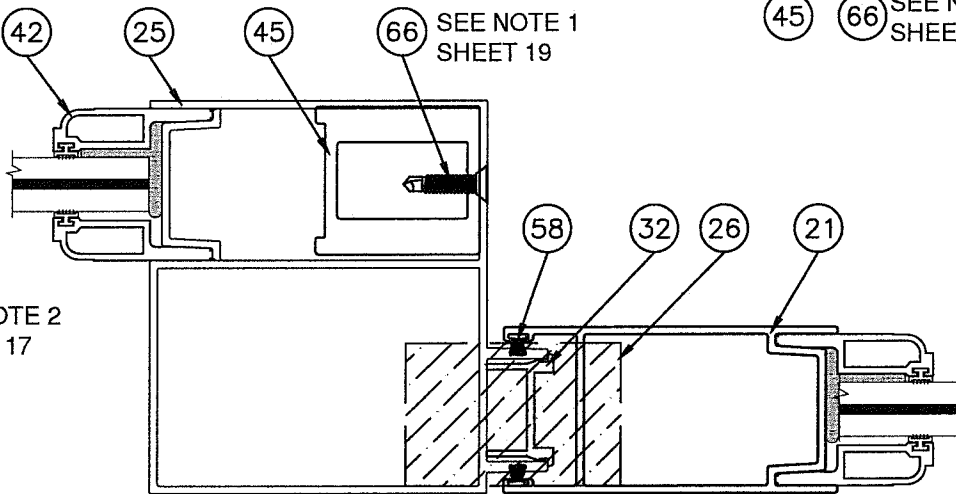
SECTION T

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



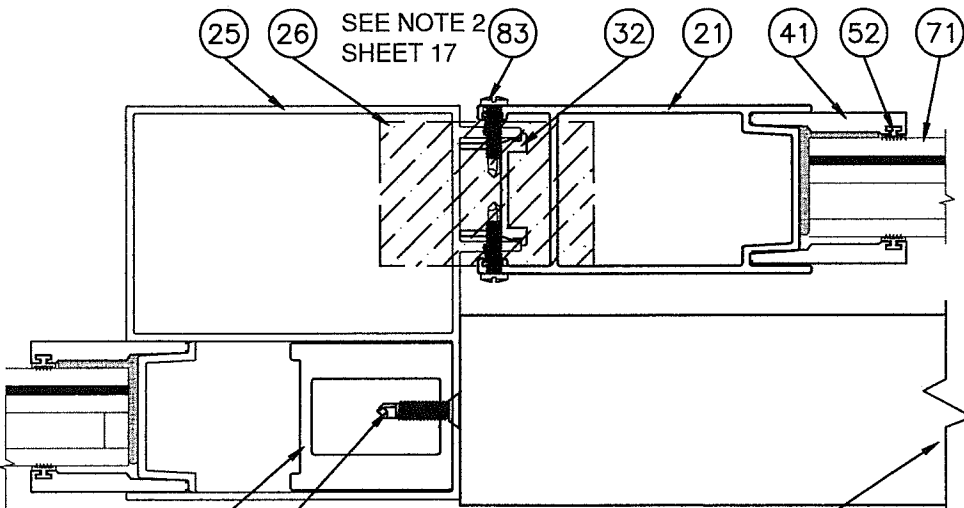
SECTION Q

LOCK STILE TO NON-REINFORCED EXTERIOR FIXED BUTT STILE



SECTION S

NON-REINFORCED EXTERIOR FIXED BUTT STILE TO PLAIN STILE



SECTION U

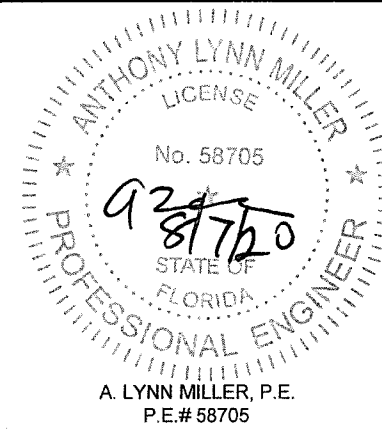
NON-REINFORCED INTERIOR
FIXED BUTT STILE TO PLAIN STILE

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0814.02**
Expiration Date: **03/31/2026**

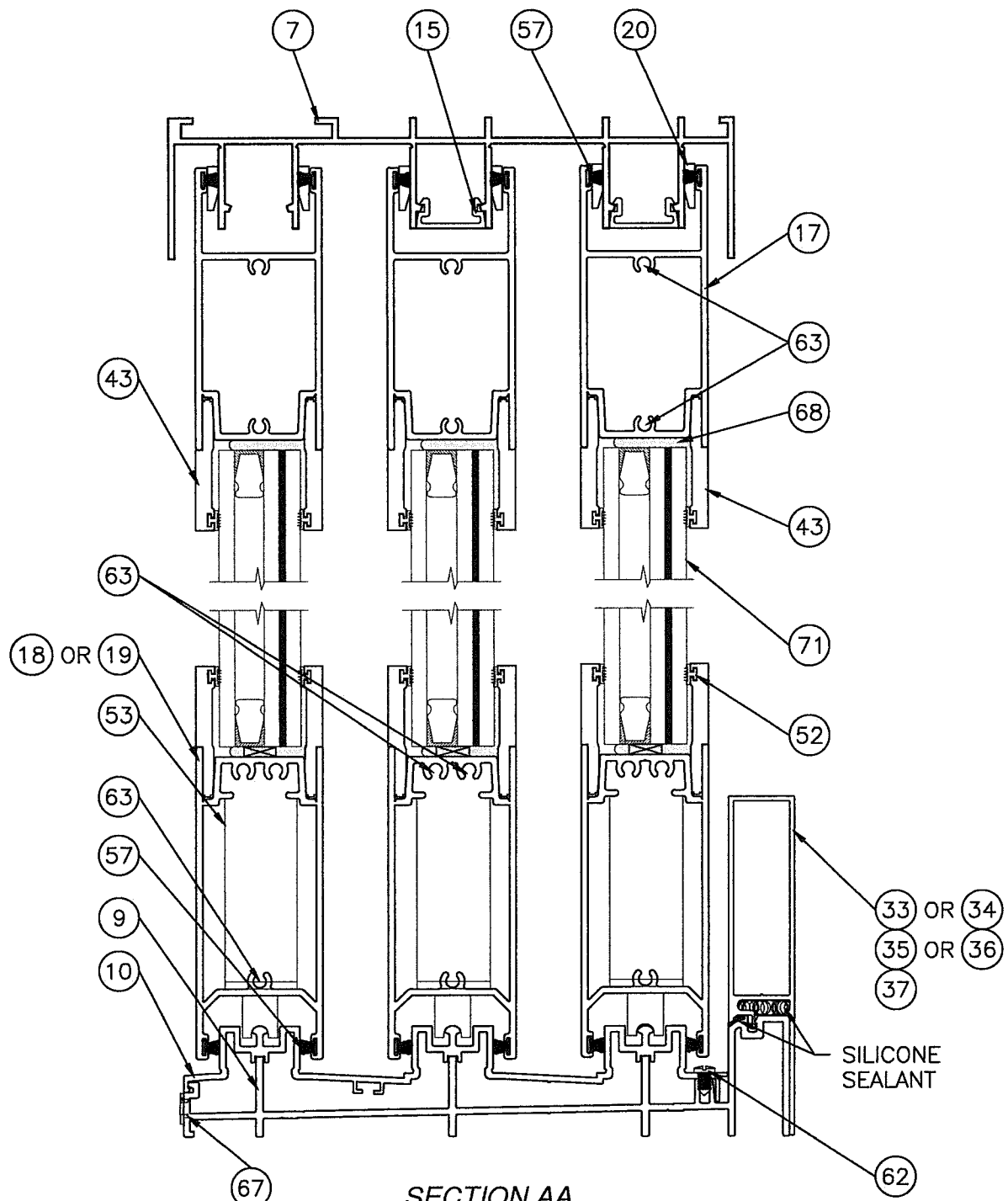
By: Iskay I. Chank
Miami-Dade Product Control

EXTERIOR
↓

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

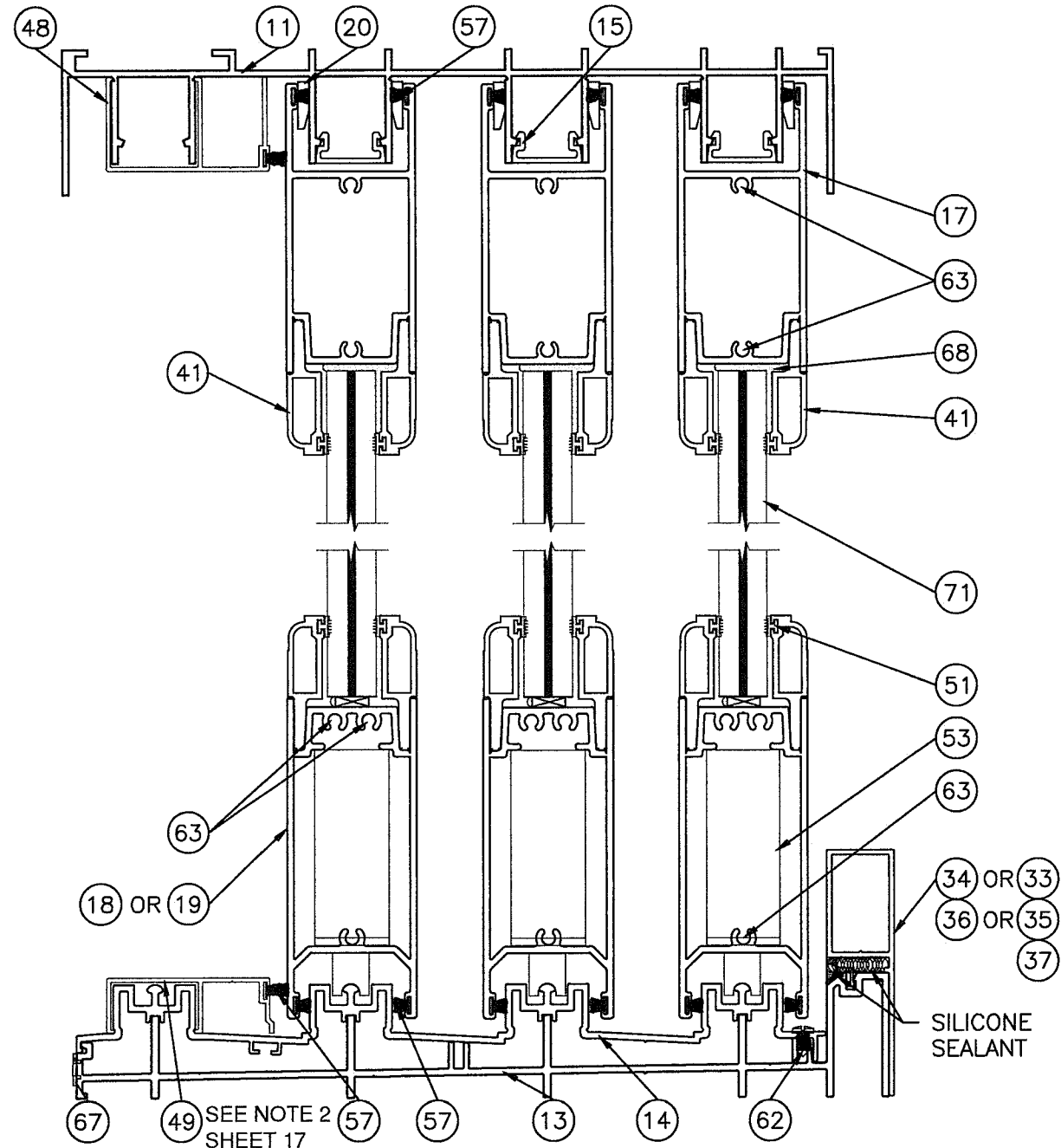


FOR ILLUSTRATION PURPOSES ONLY FOR INSTALLATION DETAILS REFER TO SHEETS 25-31



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

SEE NOTE 2
SHEET 17



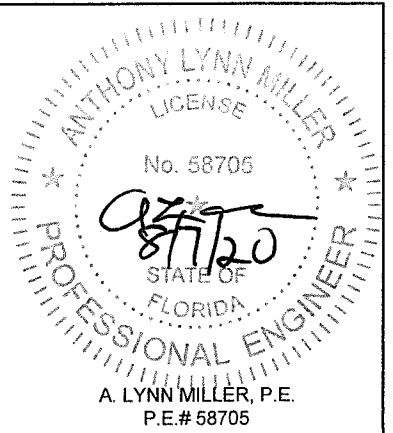
SECTION BB
4 TRACK FRAME SYSTEM
SEE D.P. TABLE SHEETS 9 & 10

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0814.02**
Expiration Date: **03/31/2026**

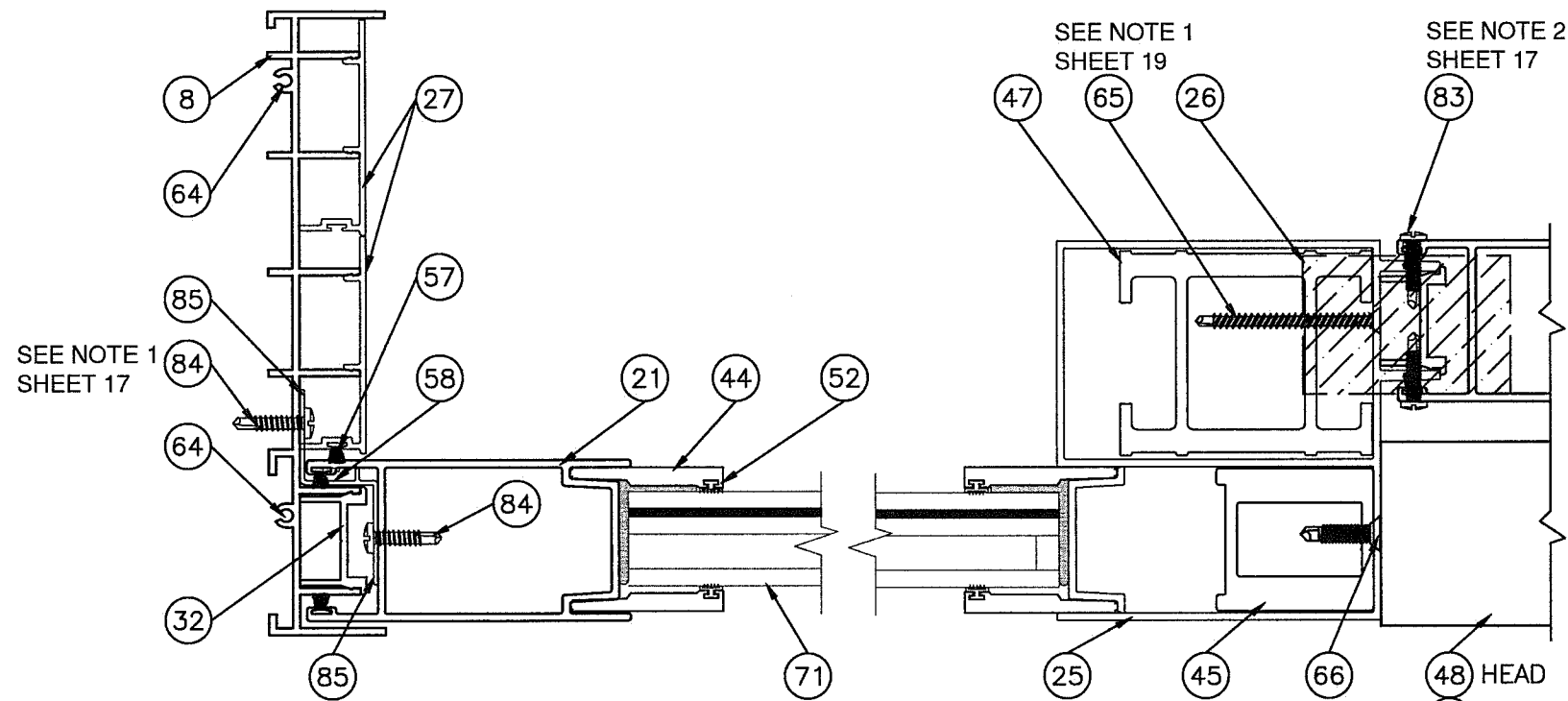
By: Ismael I. Chandra
Miami-Dade Product Control



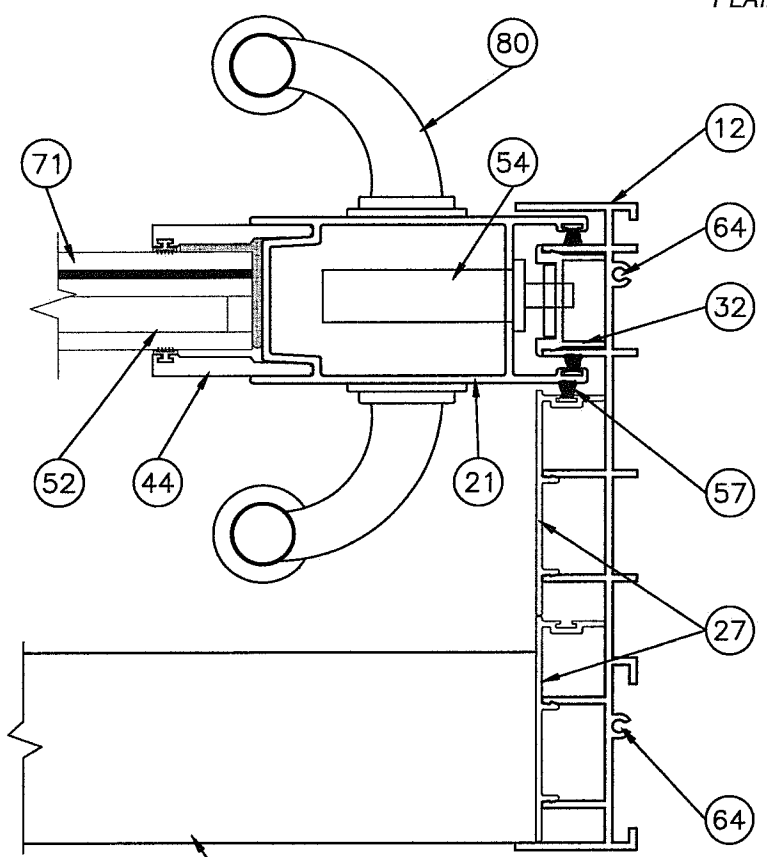
Revision:		NO CHANGES THIS SHEET.	
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296		08/05/20	
WINDOOR® INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432		ERIN KOSS	
ALUMINUM SLIDING GLASS DOOR (SM)		8100-SMI-NOA	
SECTION VIEWS - VERTICAL		21 OF 35	
SGD8100A		Sheet	



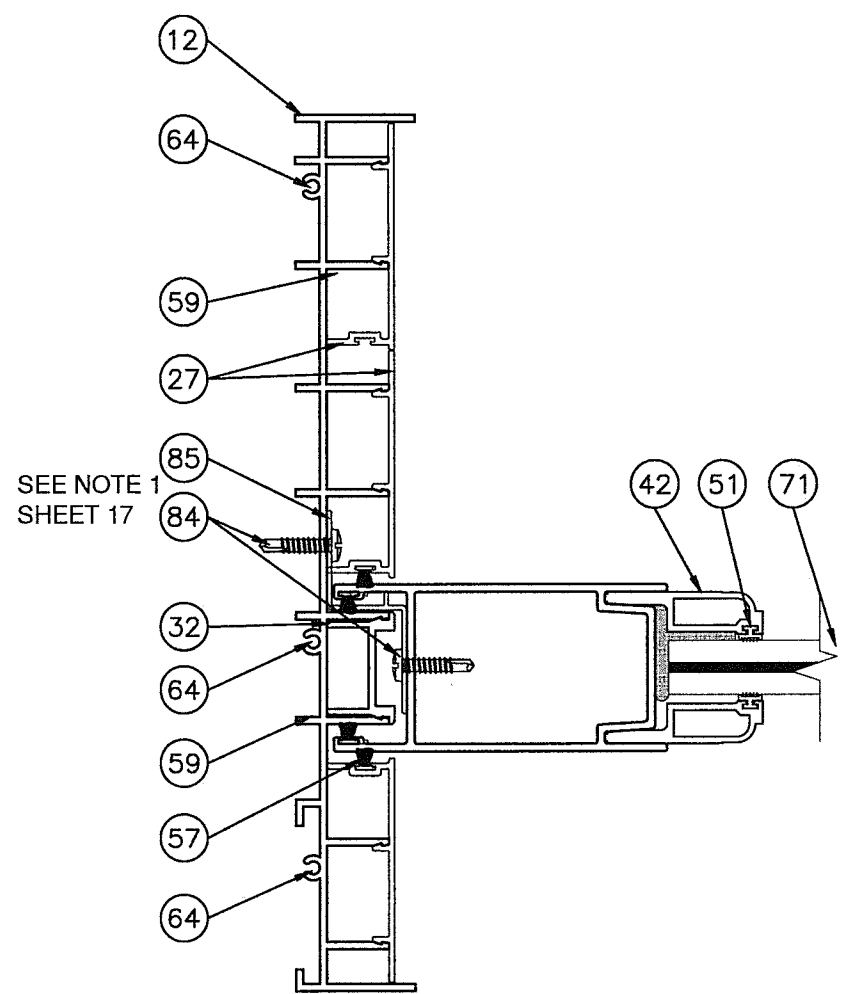
FOR ILLUSTRATION PURPOSES ONLY FOR INSTALLATION DETAILS REFER TO SHEETS 25-31



SECTION EE
PLAIN STILE AT 3 TRACK JAMB



SECTION V
LOCK STILE AT 3 TRACK JAMB



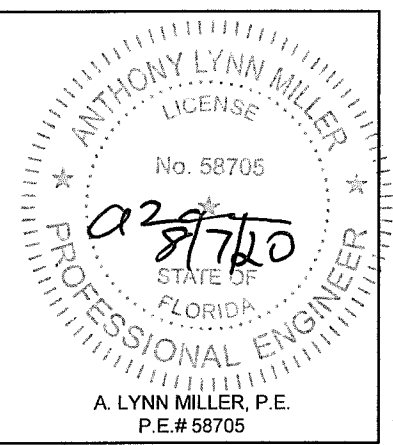
SECTION Z
FIXED PANEL AT 4 TRACK JAMB

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0814.02**
Expiration Date: **03/31/2026**
By: Ishag I. Chande
Miami-Dade Product Control

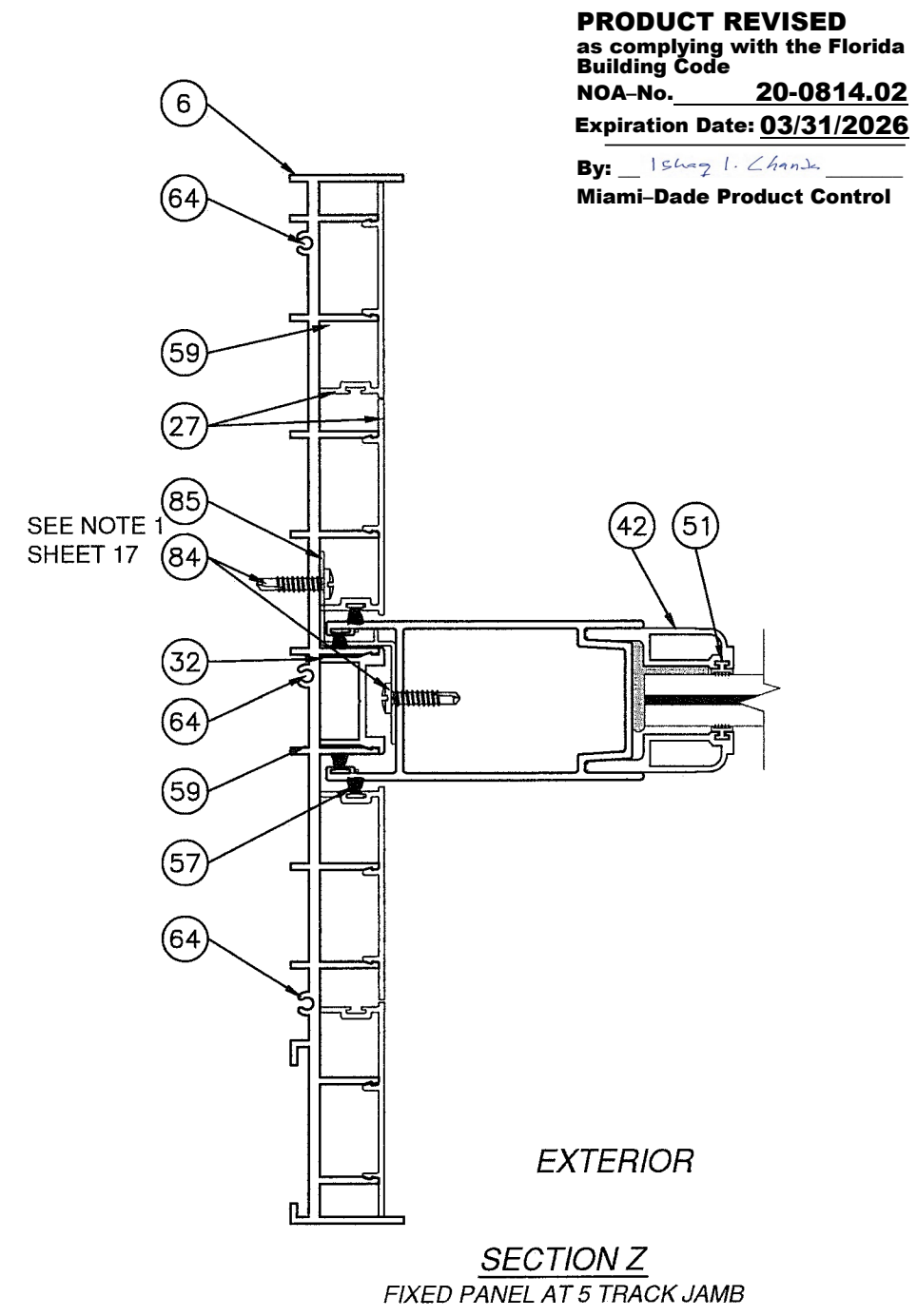
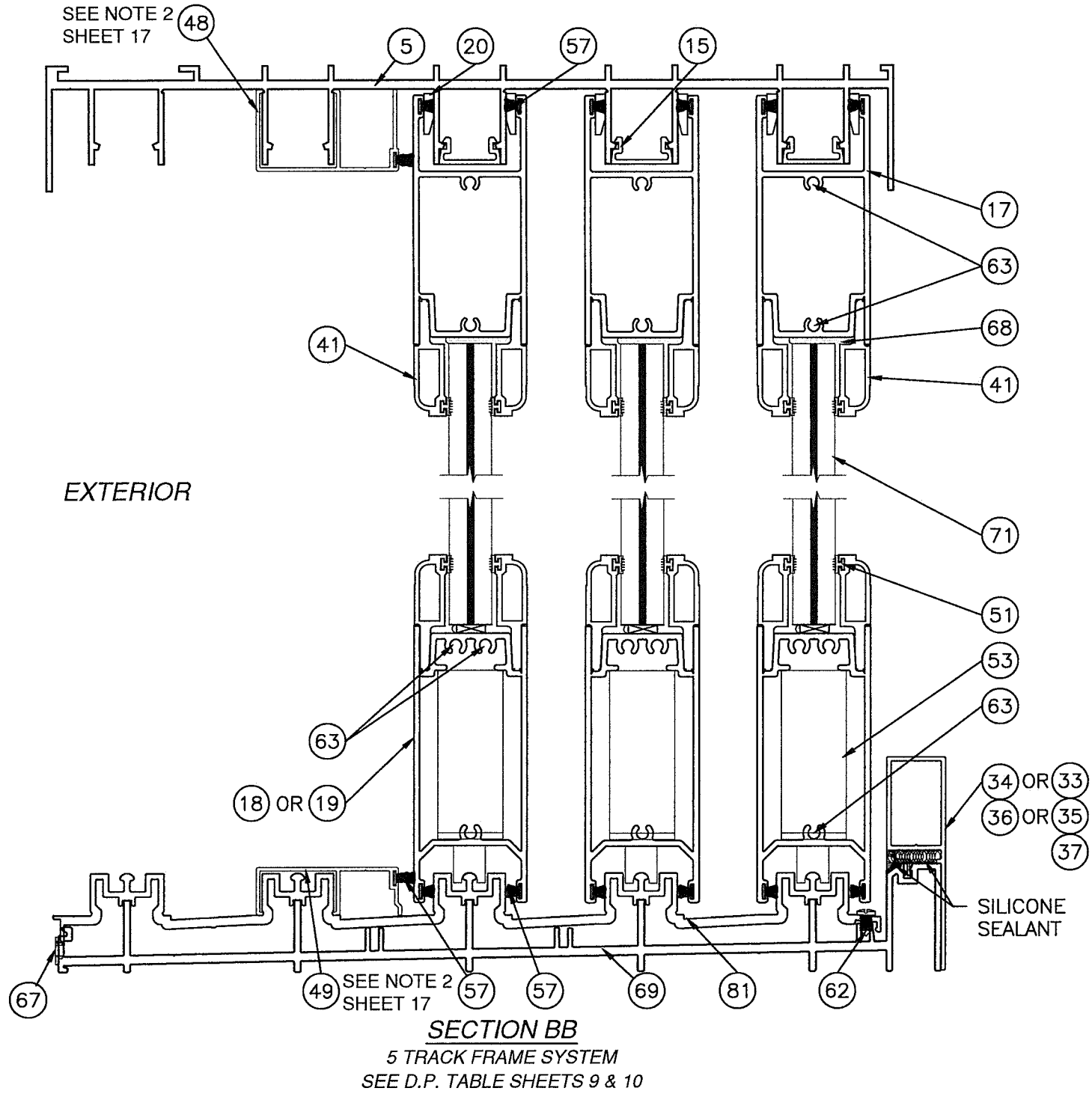
Revision:

NO CHANGES THIS SHEET.

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	Date	08/05/20	By	ERIN KOSS	Rev.
WINDOOR [®] INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432	Title	ALUMINUM SLIDING GLASS DOOR (SM)	Dwg No.	22 OF 35	Sheet
SECTION VIEWS - HORIZONTAL	Series	SGD8100A	Desc.	8100-SMI-NOA	Title



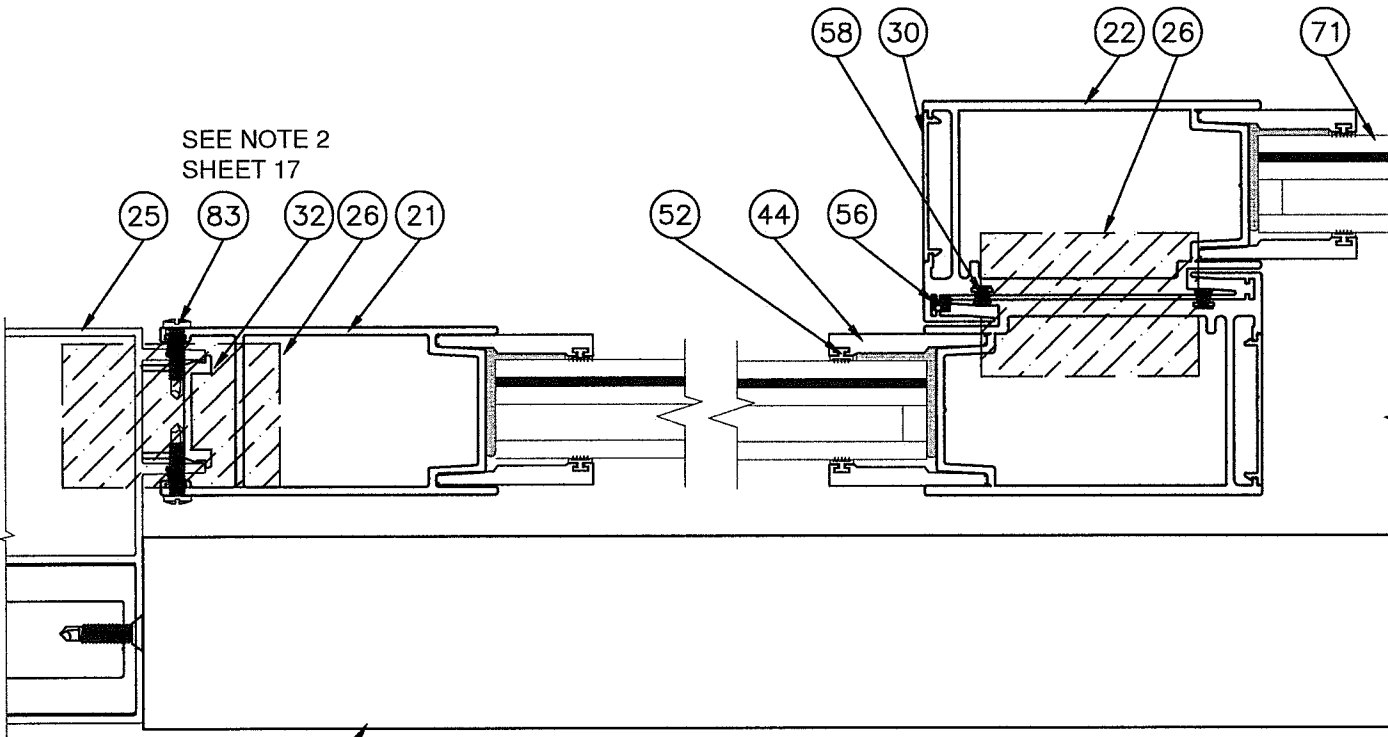
FOR ILLUSTRATION PURPOSES ONLY FOR INSTALLATION DETAILS REFER TO SHEETS 25-31



PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296		Date	08/05/20	Rev.	
		By	ERIN KOSS	DWG No.	8100-SMI-NOA
WINDOOR [®] INCORPORATED WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432		ALUMINUM SLIDING GLASS DOOR (SM)		Sheet	23 OF 35
		SECTION VIEWS - 5T		Series	SGD8100A

ANTHONY LYNN MILLER
LICENSE
No. 58705
08/7/20
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

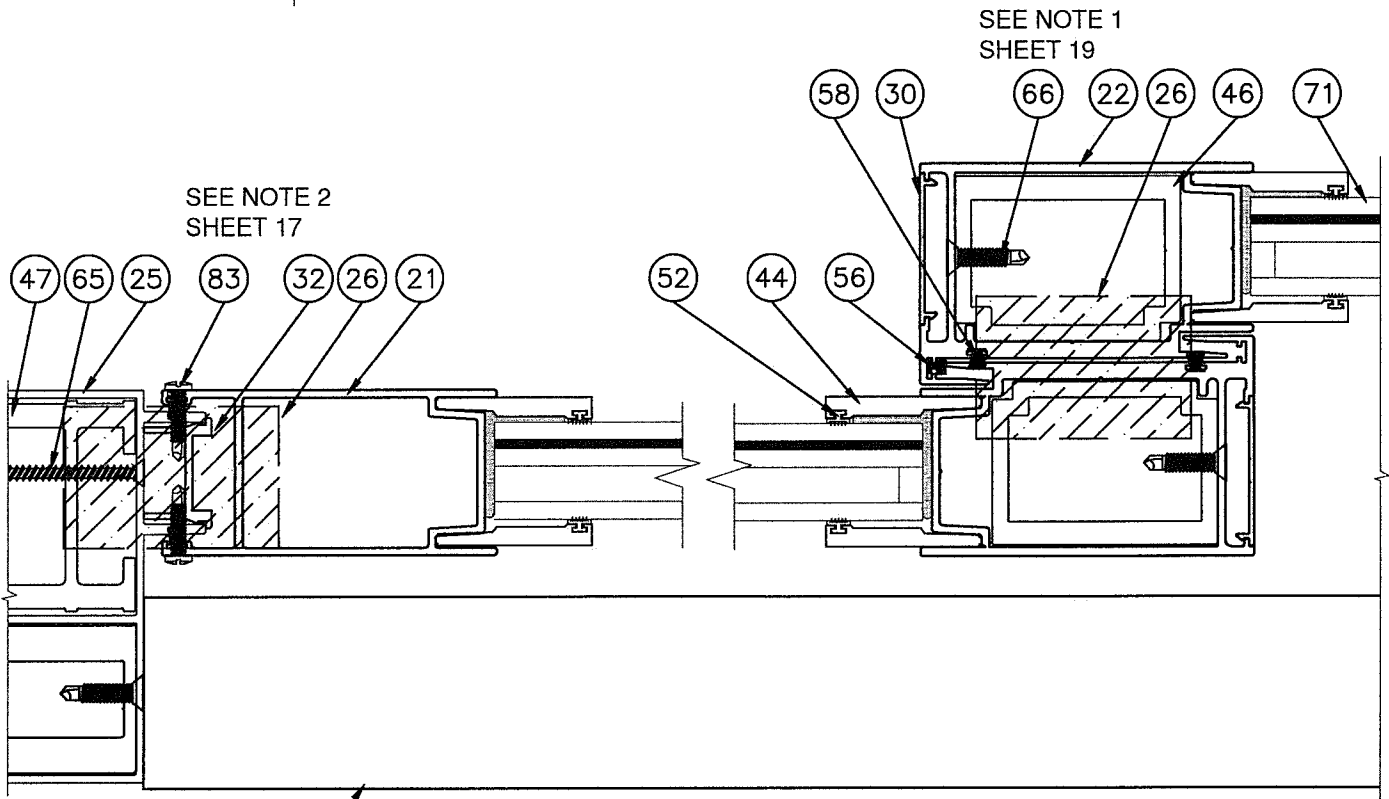
FOR ILLUSTRATION PURPOSES ONLY FOR INSTALLATION DETAILS REFER TO SHEETS 25-31



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0814.02**
Expiration Date: **03/31/2026**
By: Isaac L. Chan
Miami-Dade Product Control

SEE NOTE 2
SHEET 17
48 HEAD
49 SILL

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

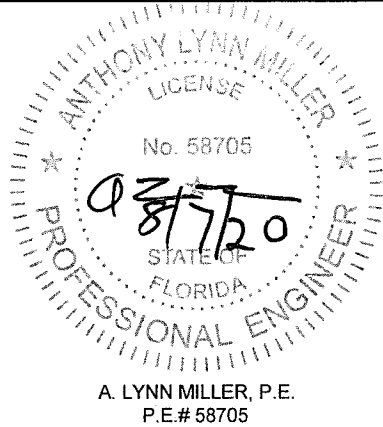


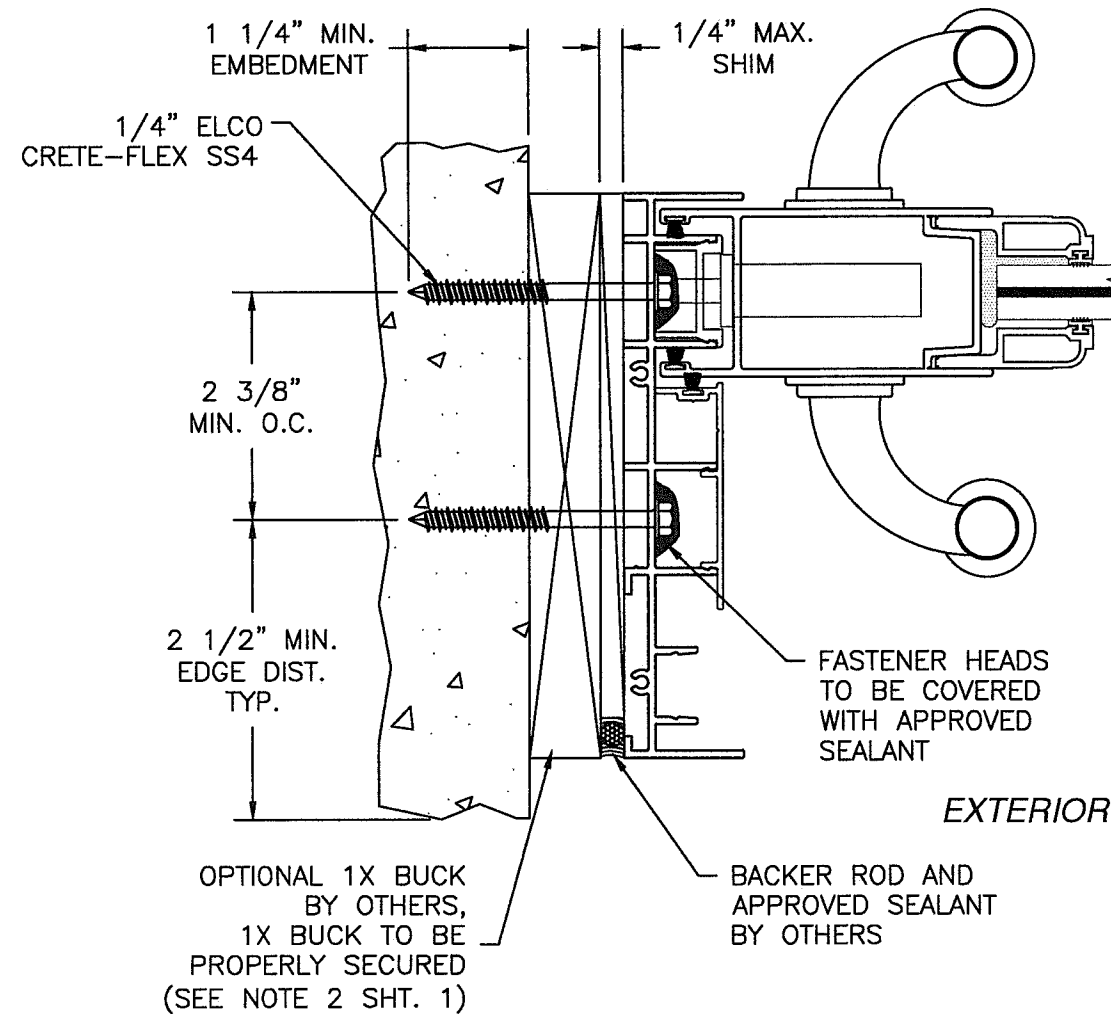
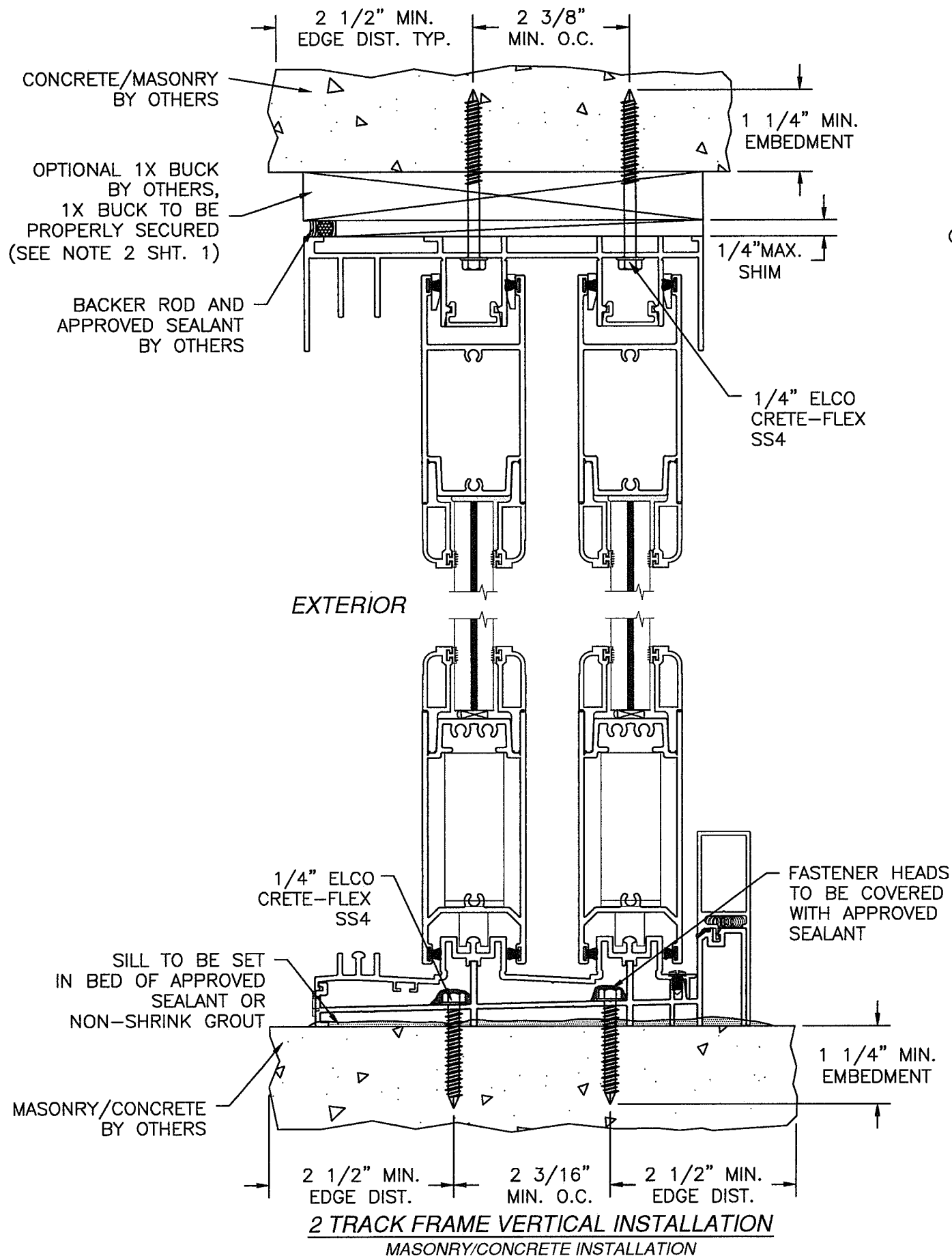
SEE NOTE 2
SHEET 17
48 HEAD
49 SILL

SECTION CC
REINFORCED FIXED PANEL
TO FIXED PANEL INTERLOCK

EXTERIOR
↓

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





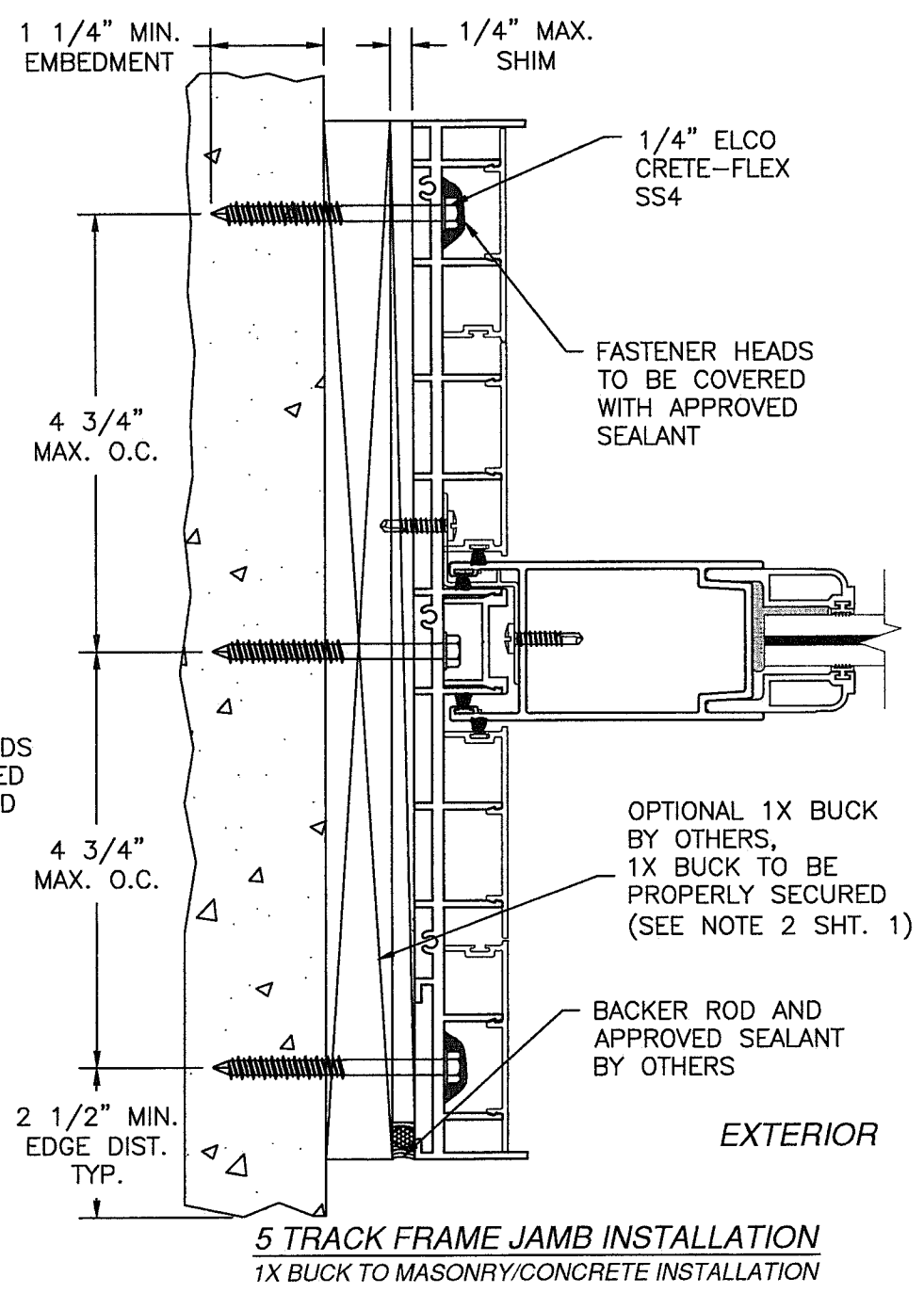
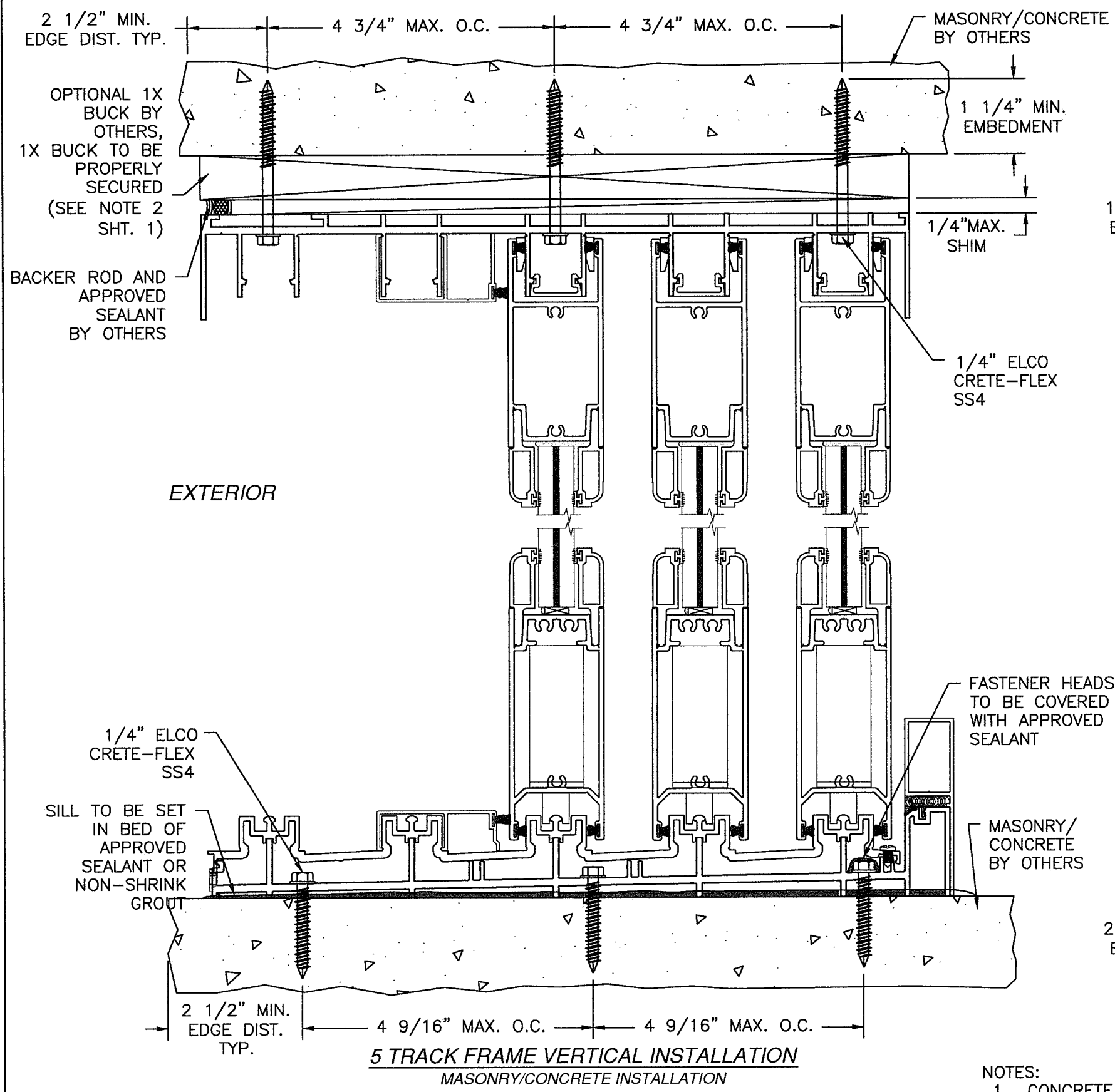
2 TRACK FRAME JAMB INSTALLATION
1X BUCK TO MASONRY/CONCRETE INSTALLATION.

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. **20-0814.02**
Expiration Date: **03/31/2026**
By: Isling L. Chan
Miami-Dade Product Control

- NOTES:
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.

Revision:		NO CHANGES THIS SHEET.	
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296		08/05/20 Date	ERIN KOSS By
WinDoor® INCORPORATED WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432		ALUMINUM SLIDING GLASS DOOR (SM) Title	8100-SMI-NOA No.
INSTALLATION DETAILS - MASONRY Desc.		25 OF 35 Sheet	SGD8100A Series

ANTHONY LYNN MILLER
LICENSE
No. 58705
02/25/20
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705



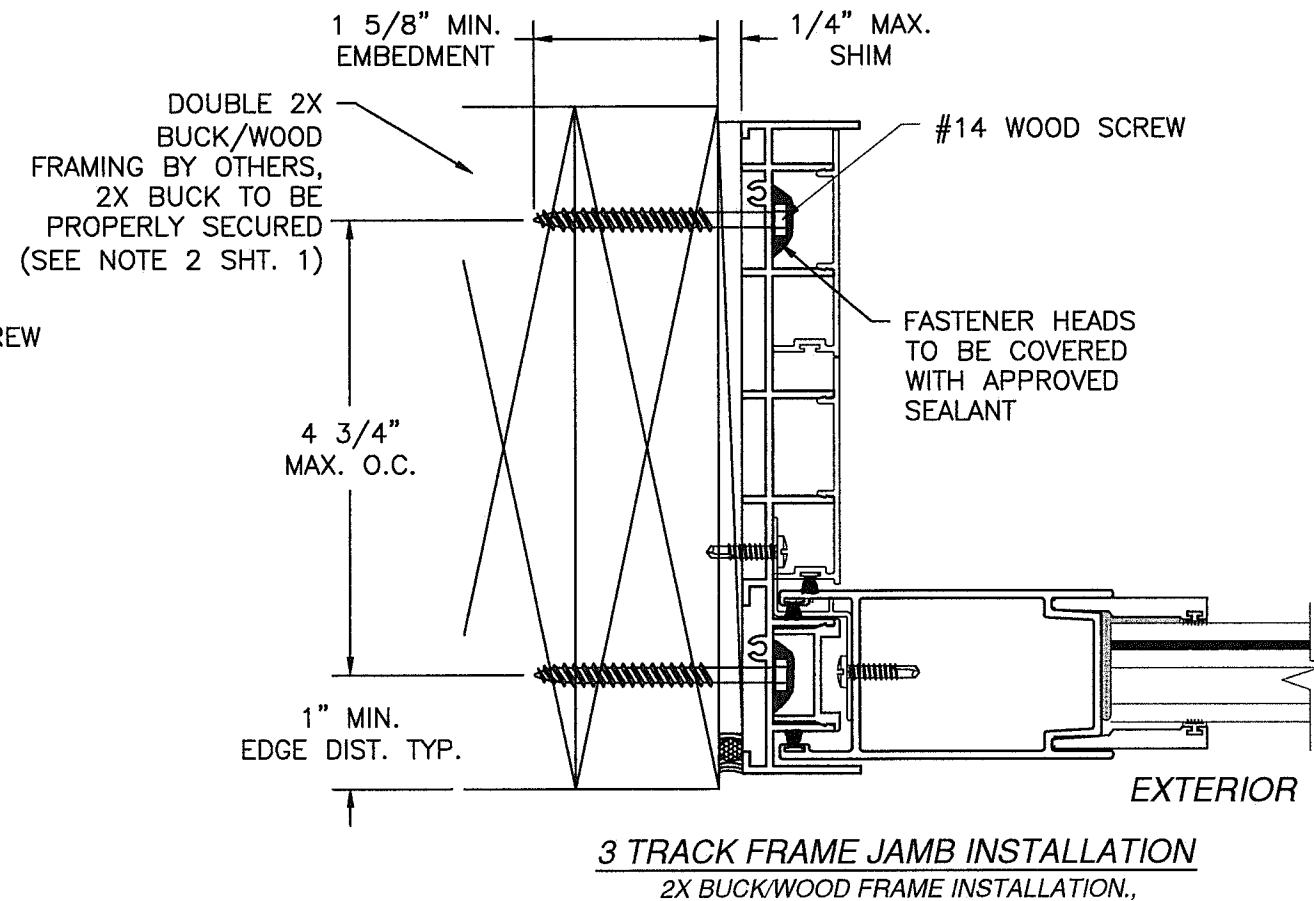
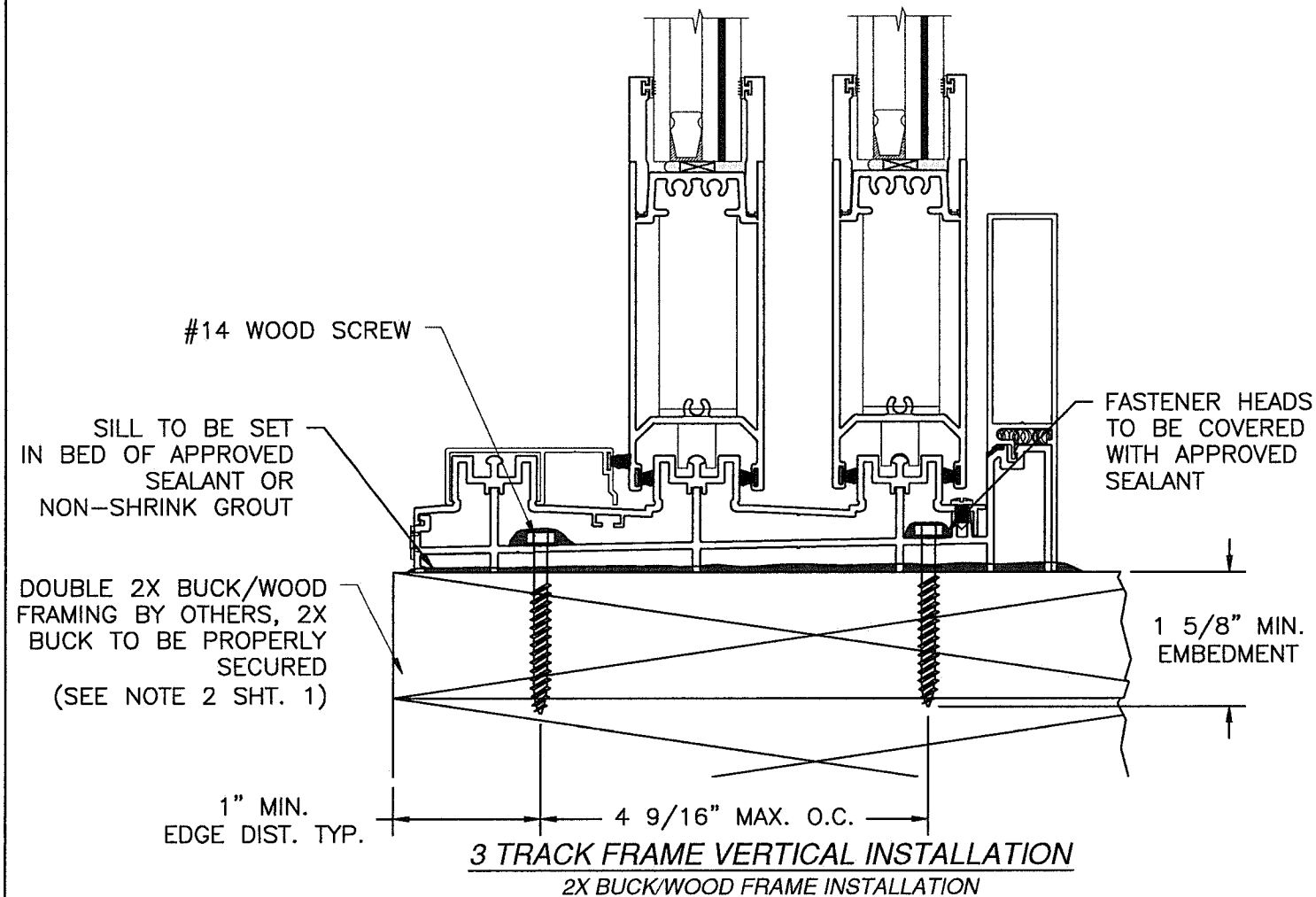
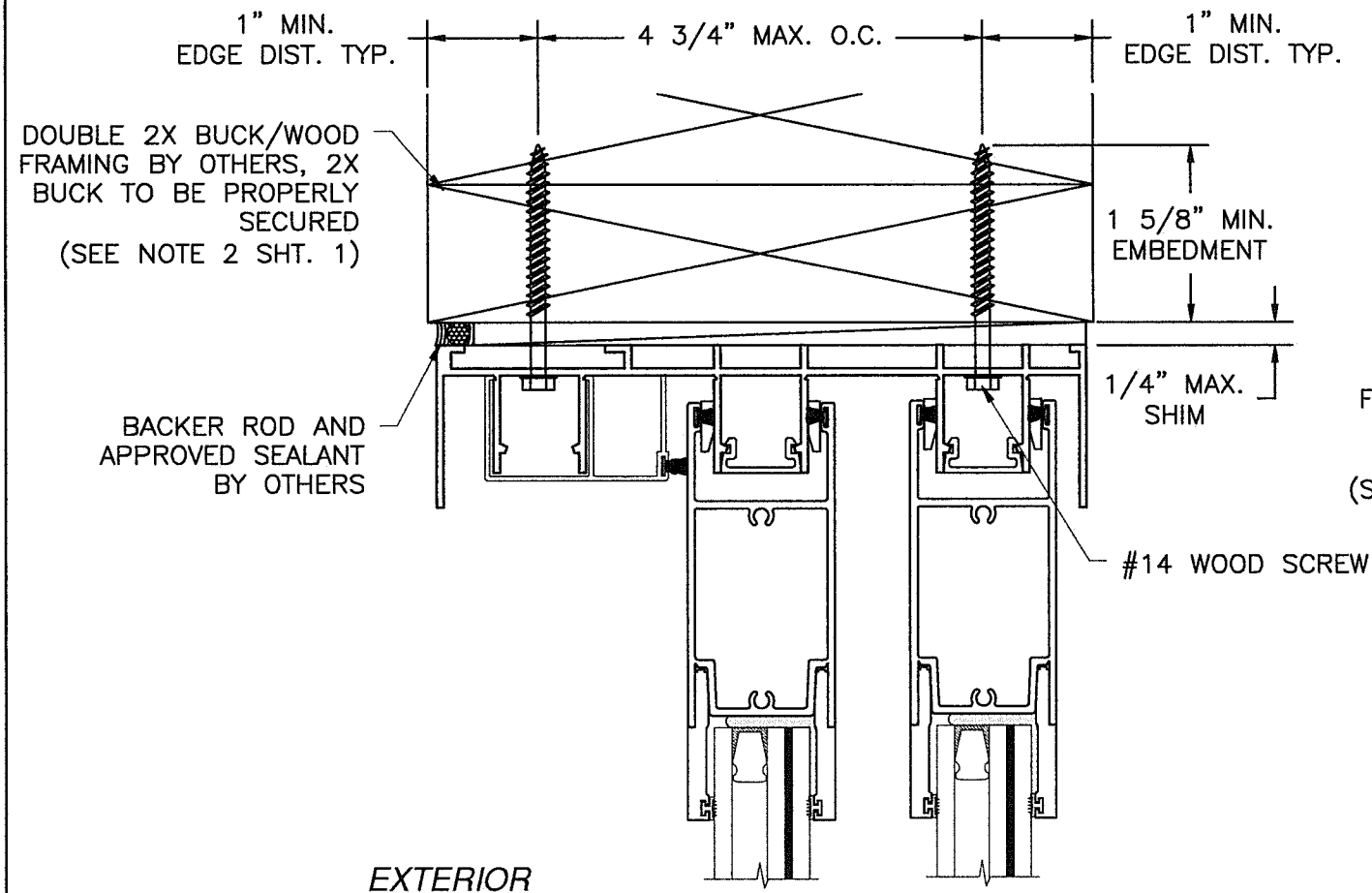
PRODUCT REVISED
 as complying with the Florida
 Building Code
 NOA-No. **20-0814.02**
 Expiration Date: **03/31/2026**
 By: Isaac I. Chandra
 Miami-Dade Product Control

- 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.

Revision: NO CHANGES THIS SHEET.

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

ANTHONY LYNN MILLER
 LICENSE
 No. 58705
 02/28/20
 STATE OF
 FLORIDA
 PROFESSIONAL ENGINEER
 A. LYNN MILLER, P.E.
 P.E.# 58705



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0814.02**
Expiration Date: **03/31/2026**
By: Ishag I. Chande
Miami-Dade Product Control

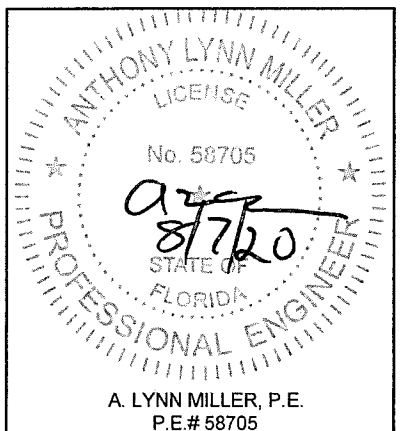
NOTES:

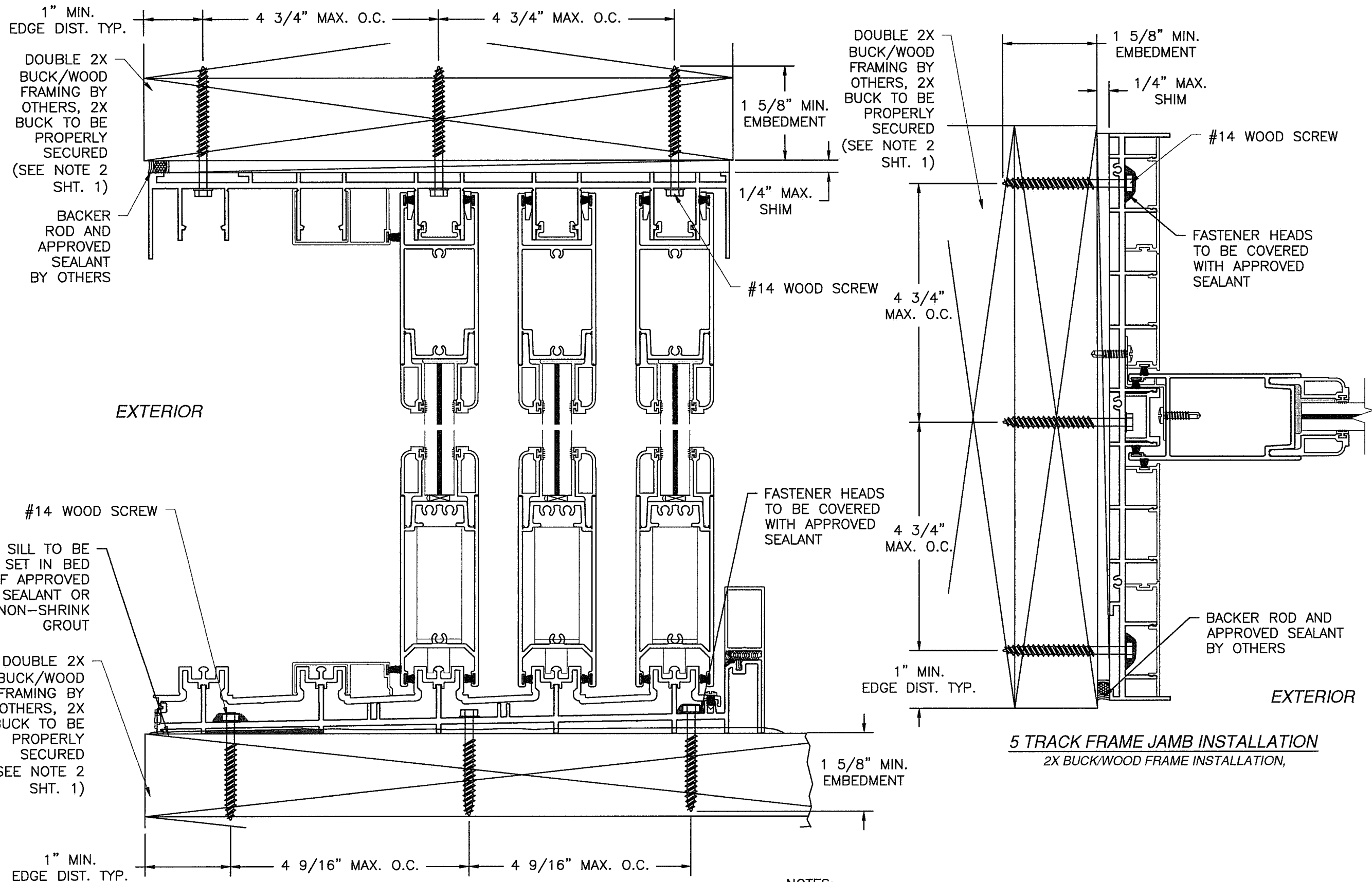
- 2X BUCK/WOOD FRAME SUBSTRATE INSTALLATION FOR 3 TRACK SHOWN. ANCHORAGE SIMILAR FOR 2 TRACK AND 4 TRACK SYSTEMS. SEE SHEET 13 FOR O.C. ANCHOR SEPARATION.
- 3 TRACK WITH 4-1/4" SILL RISER SHOWN. 3 TRACK, 4 TRACK & 5 TRACK ARE SIMILAR. ALL APPLICABLE SILL RISERS MAYBE USED. SEE D.P. TABLES SHEETS 9 &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

Revision:

NO CHANGES THIS SHEET.

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	08/05/20 Date	ERIN KOSS By	8100-SMI-NOA Dwg No.	Rev.
WINDOOR® INCORPORATED WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432	ALUMINUM SLIDING GLASS DOOR (SM)	INSTALLATION DETAILS - WOOD	27 OF 35 Sheet	SGD8100A





5 TRACK FRAME VERTICAL INSTALLATION
2X BUCK/WOOD FRAME INSTALLATION

5 TRACK FRAME JAMB INSTALLATION
2X BUCK/WOOD FRAME INSTALLATION,

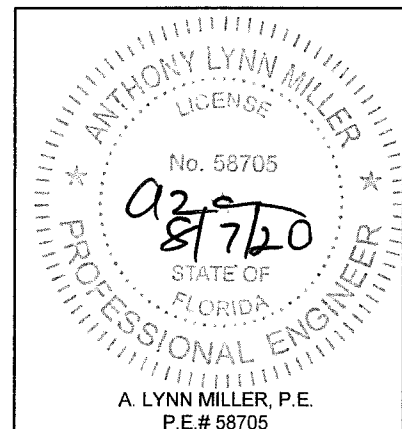
NOTES:

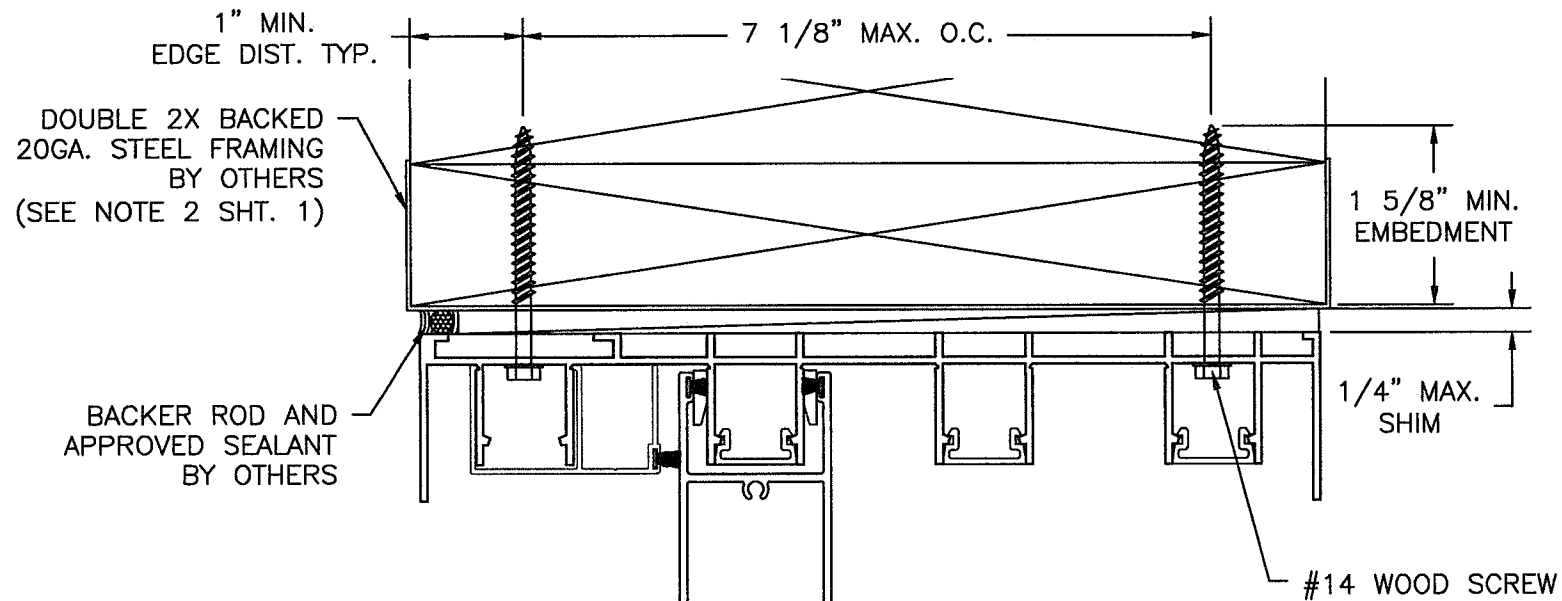
- 2X BUCK/WOOD FRAME SUBSTRATE INSTALLATION FOR 5 TRACK SHOWN. SEE SHEET 13 FOR O.C. ANCHOR SEPARATION.
- 5 TRACK WITH 3" SILL RISER SHOWN. 2 TRACK, 3 TRACK & 4 TRACK ARE SIMILAR. ALL APPLICABLE SILL RISERS MAYBE USED. SEE D.P. TABLES SHEETS 9 & 10.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0814.02**
Expiration Date: **03/31/2026**
By: Isaac I. Chandra
Miami-Dade Product Control

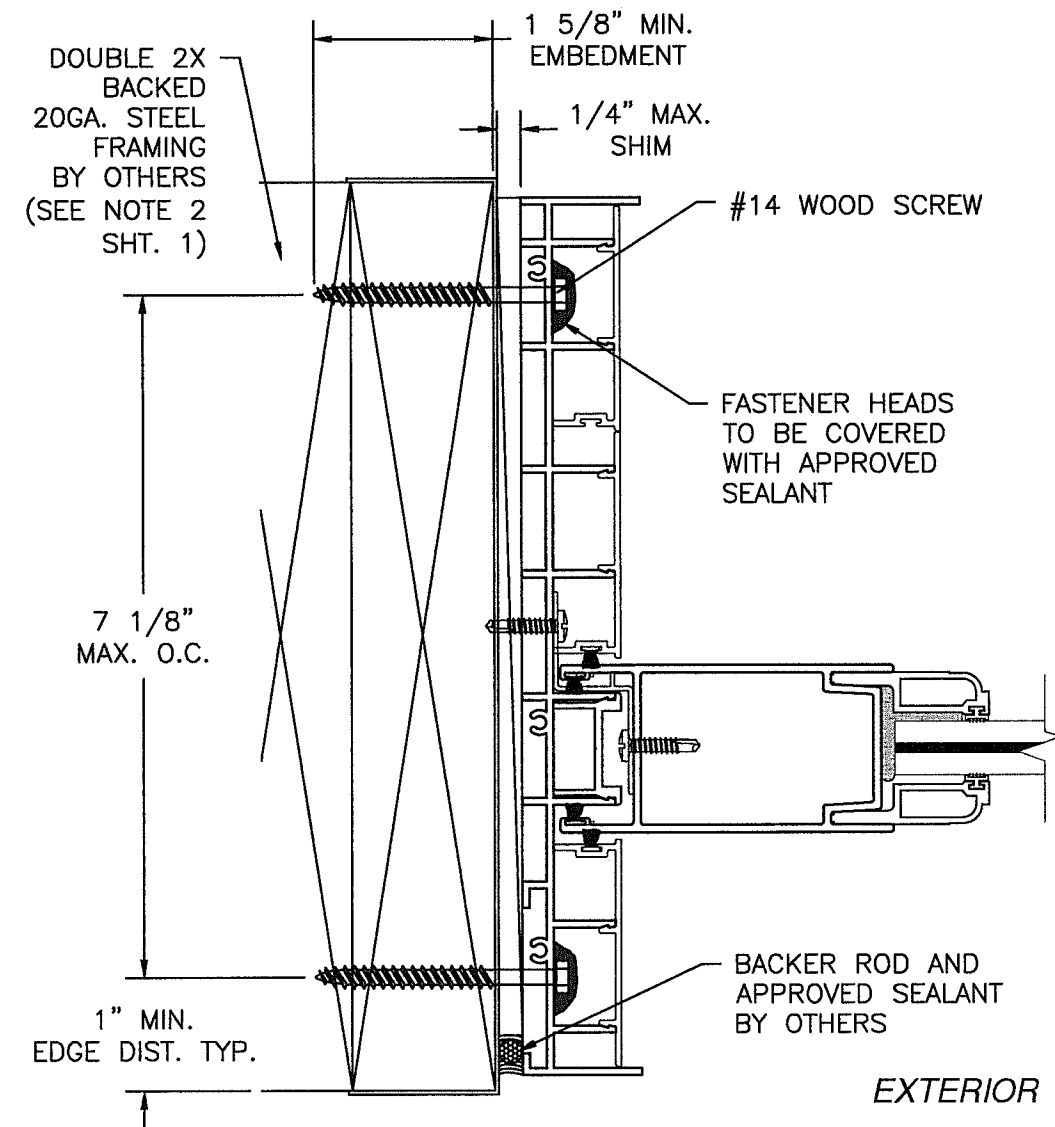
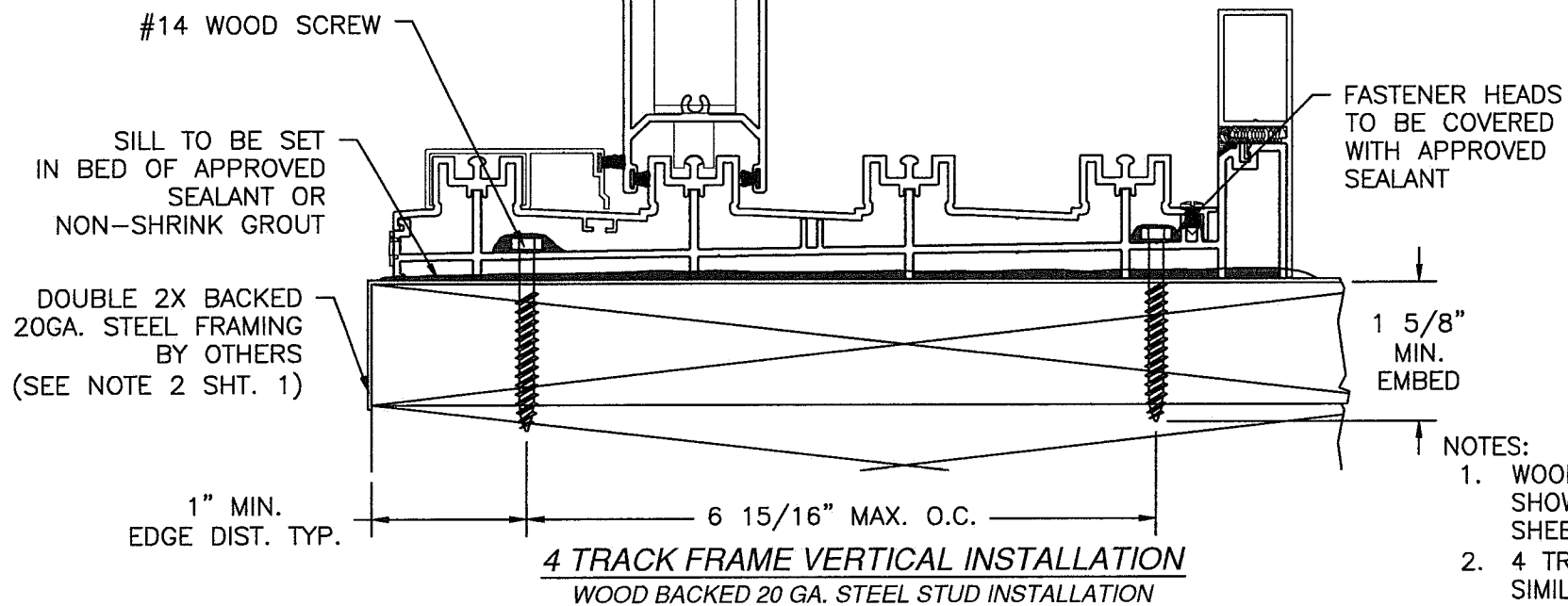
NO CHANGES THIS SHEET.

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	08/05/20	ERIN KOSS	8100-SMI-NOA
WINDOOR® INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432	ALUMINUM SLIDING GLASS DOOR (SM)	INSTALL. DETAILS - WOOD 5T	28 OF 35
SGD8100A			





EXTERIOR



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

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0814.02**
Expiration Date: **03/31/2026**

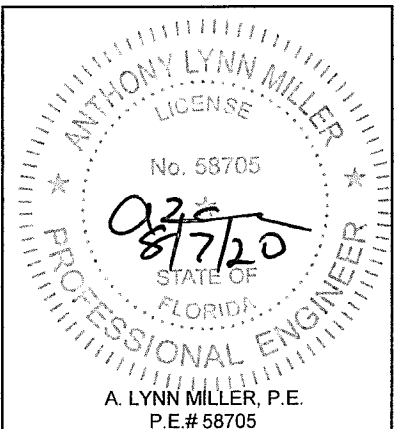
By: Isang I. Chan
Miami-Dade Product Control

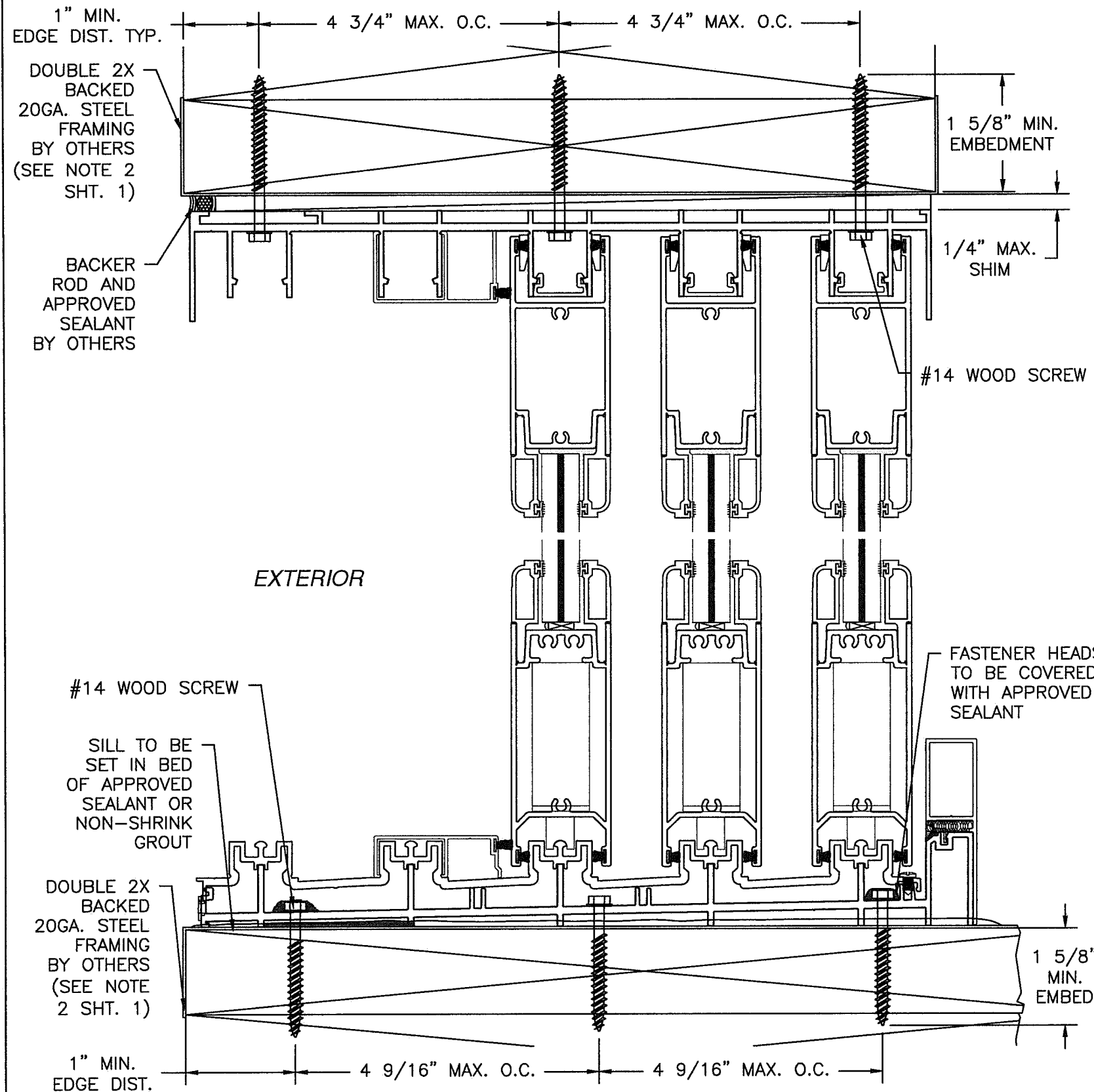
NOTES:

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.

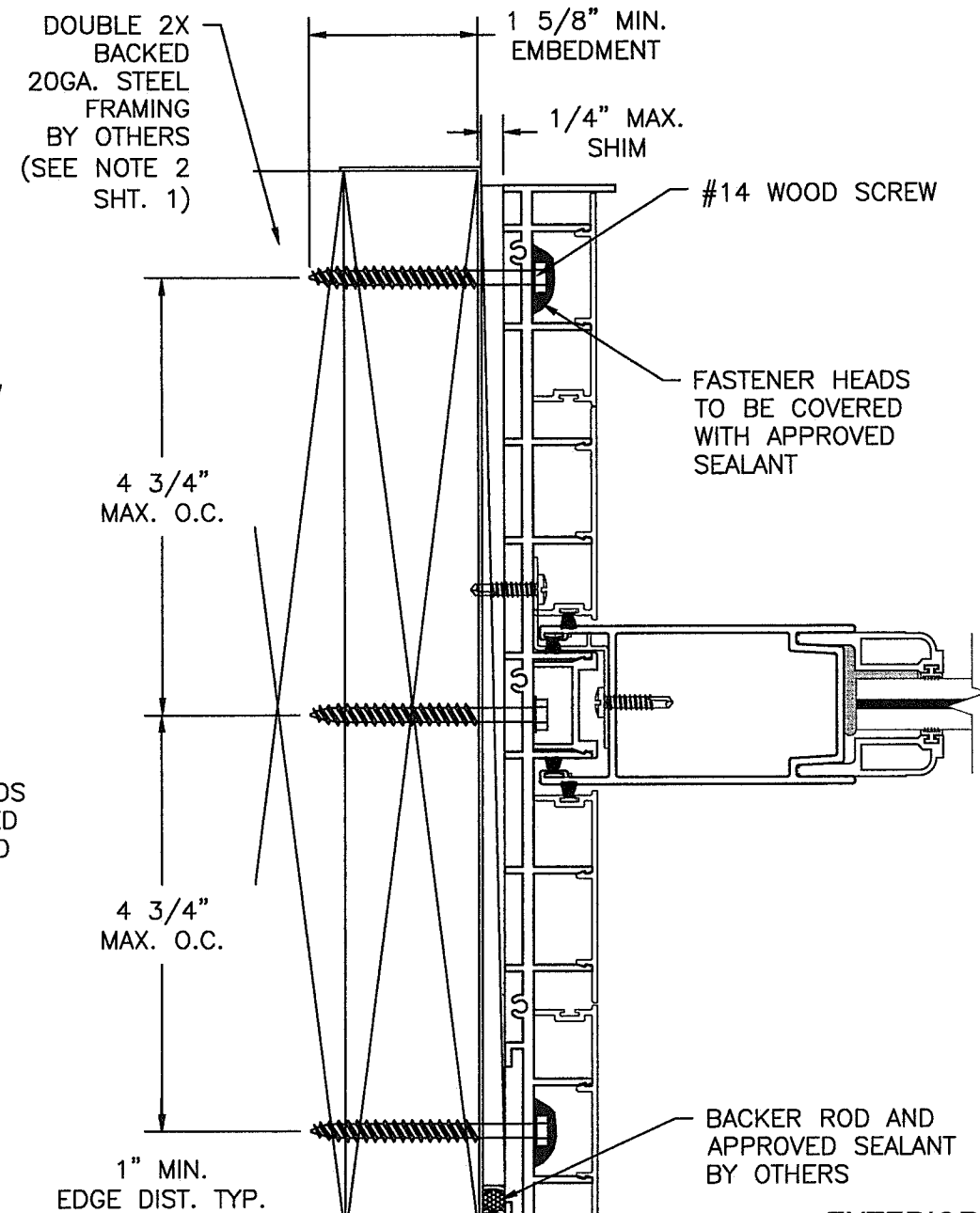
Revision: NO CHANGES THIS SHEET.

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





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



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

NOTES:

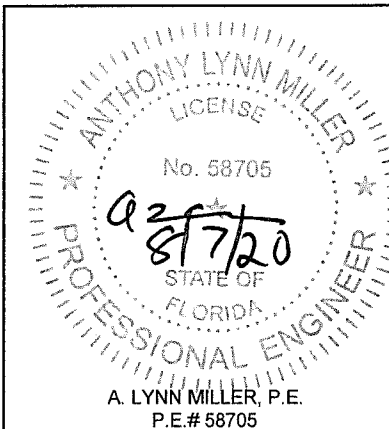
1. WOOD BACKED 20 GA. STEEL STUD SUBSTRATE INSTALLATION FOR 5 TRACK SHOWN. SEE SHEET 13 FOR O.C. ANCHOR SEPARATION.
2. 5 TRACK WITH 3" SILL RISER SHOWN. 2 TRACK, 3 TRACK & 4 TRACK ARE SIMILAR. ALL APPLICABLE SILL RISERS MAYBE USED. SEE D.P. TABLES SHEETS 9 & 10.

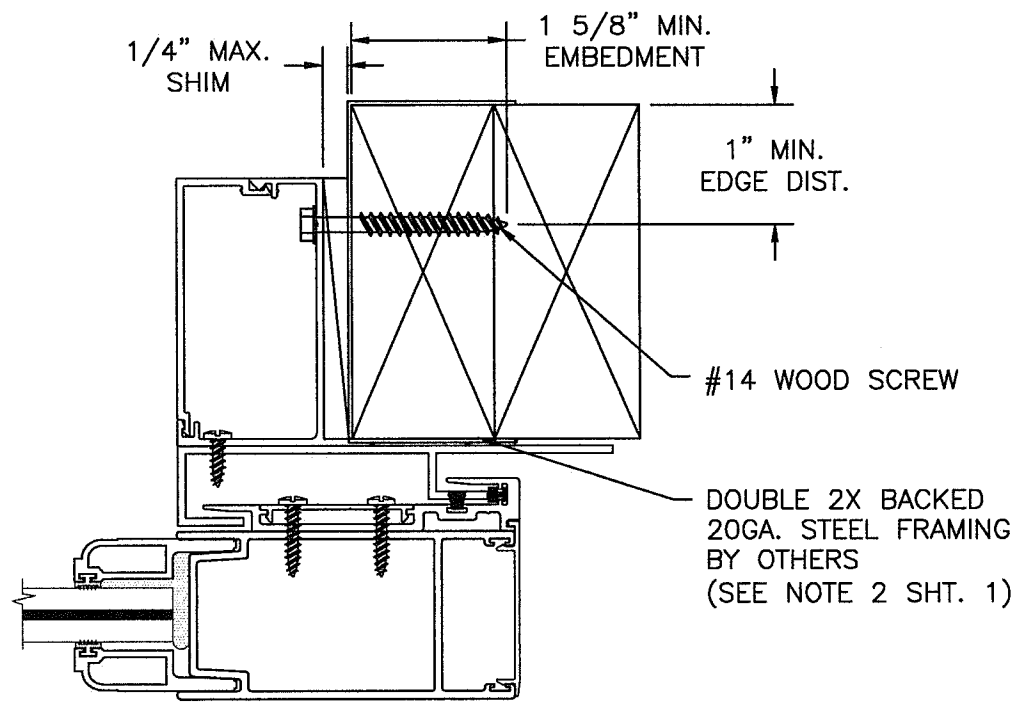
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0814.02**
Expiration Date: **03/31/2026**
By: Isaac I. Chandra
Miami-Dade Product Control

NO CHANGES THIS SHEET.

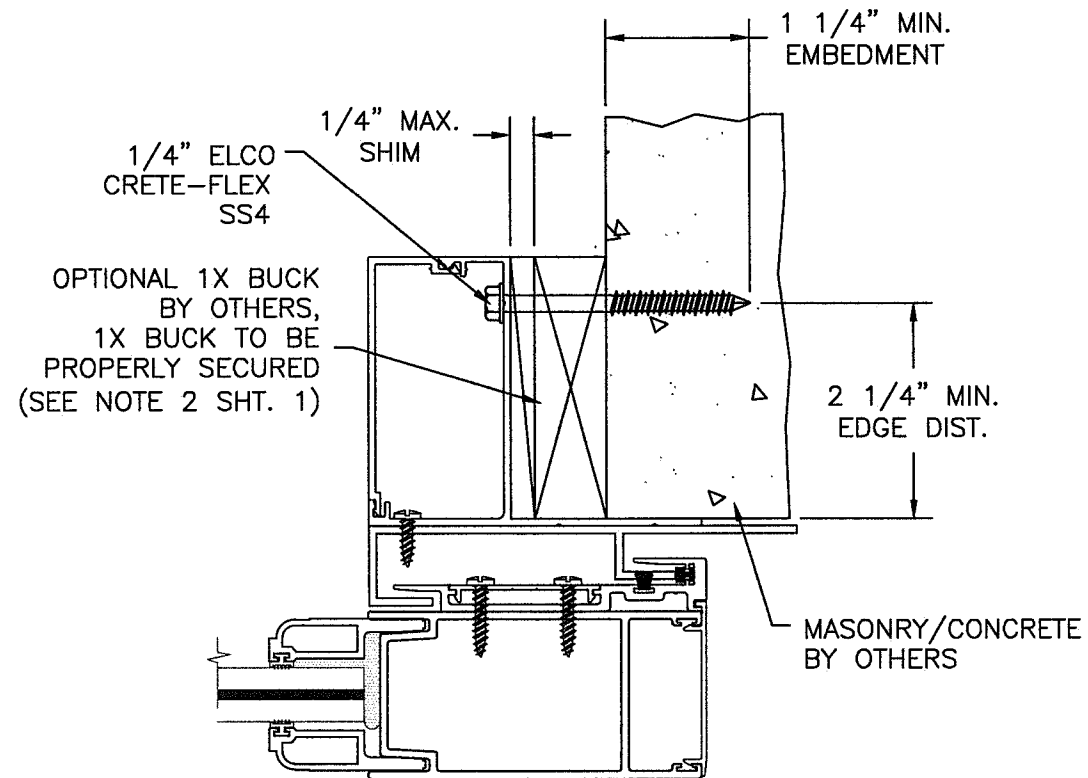
Revision:

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

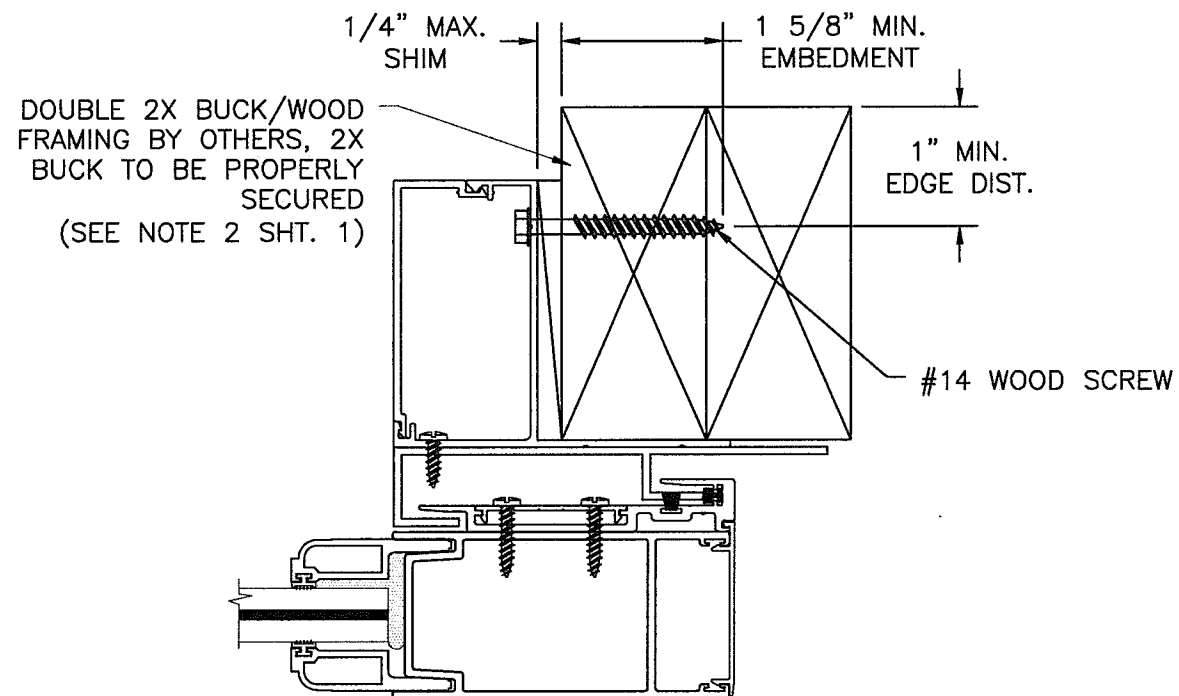




POCKET HOOK STRIP
WOOD BACKED 20 GA. STEEL STUD INSTALLATION



POCKET HOOK STRIP
MASONRY/CONCRETE INSTALLATION

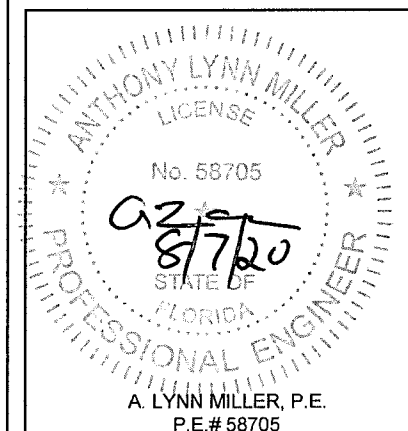


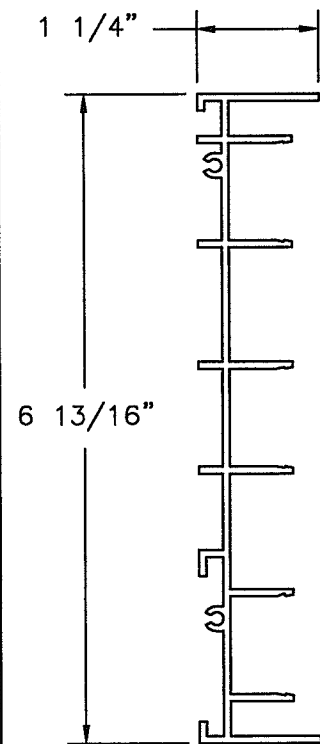
POCKET HOOK STRIP
2X BUCK/WOOD FRAME INSTALLATION

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0814.02**
Expiration Date: **03/31/2026**
By: Ishag I. Chande
Miami-Dade Product Control

EXTERIOR
↓

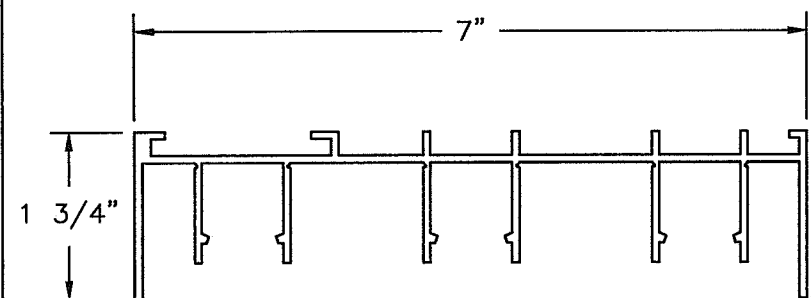
<div>WINDOOR® INCORPORATED</div> <div>WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432</div>		<div>PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296</div>	
ALUMINUM SLIDING GLASS DOOR (SM)		Date	08/05/20
INSTALLATION DETAILS - HOOKSTRIP		By	ERIN KOSS
SGD8100A	31 OF 35	DWG No.	8100-SMI-NOA
Series	Sheet		Rev.



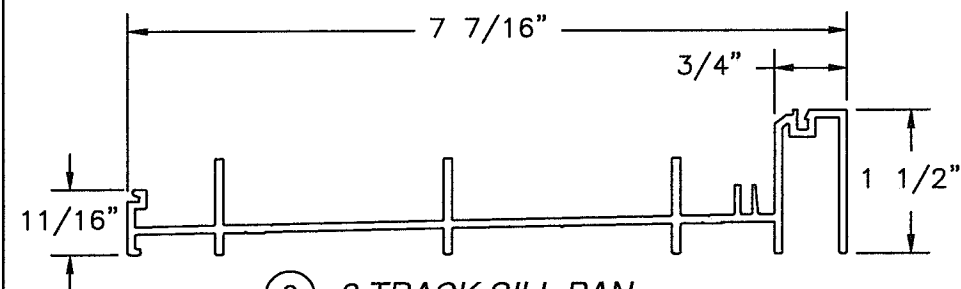


② 2 TRACK WS
FRAME JAMB
ALUMINUM 6063-T6 .075" THICK

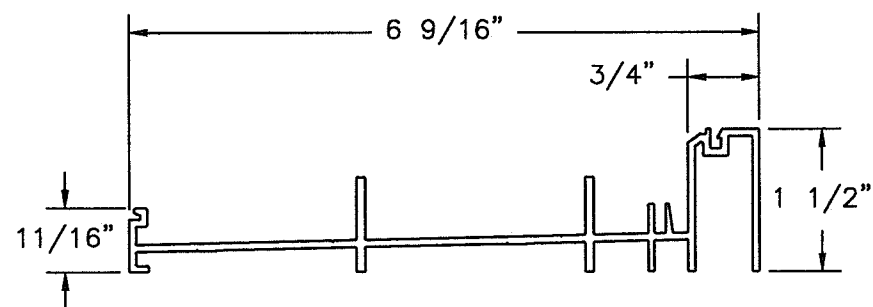
⑧ 3 TRACK FRAME JAMB
ALUMINUM 6063-T6 .075" THICK



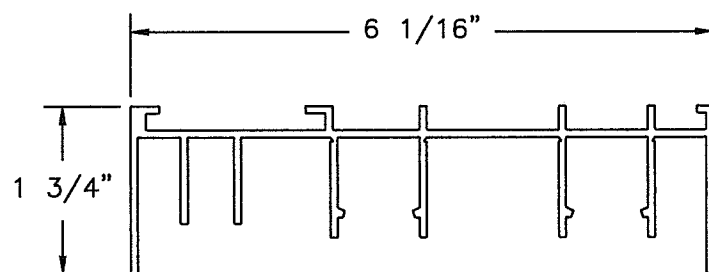
⑦ 3 TRACK FRAME HEAD
ALUMINUM 6063-T6 .075" THICK



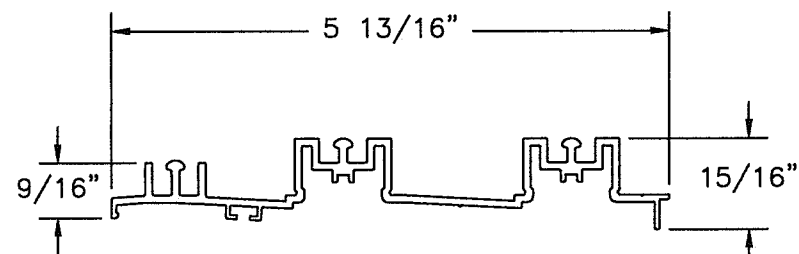
⑨ 3 TRACK SILL PAN
ALUMINUM 6063-T6 .075" THICK



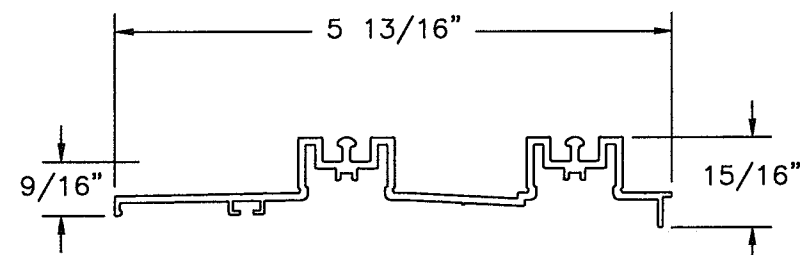
③ 2 TRACK NS/WS SILL PAN
ALUMINUM 6063-T6 .075" THICK



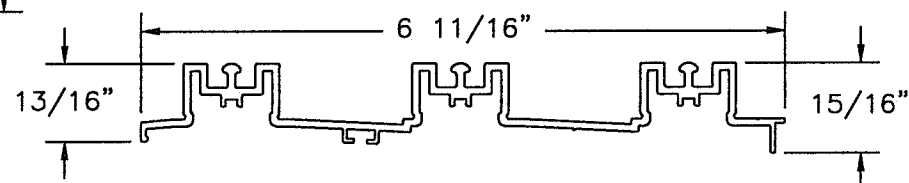
① 2 TRACK WS FRAME HEAD
ALUMINUM 6063-T6 .075" THICK



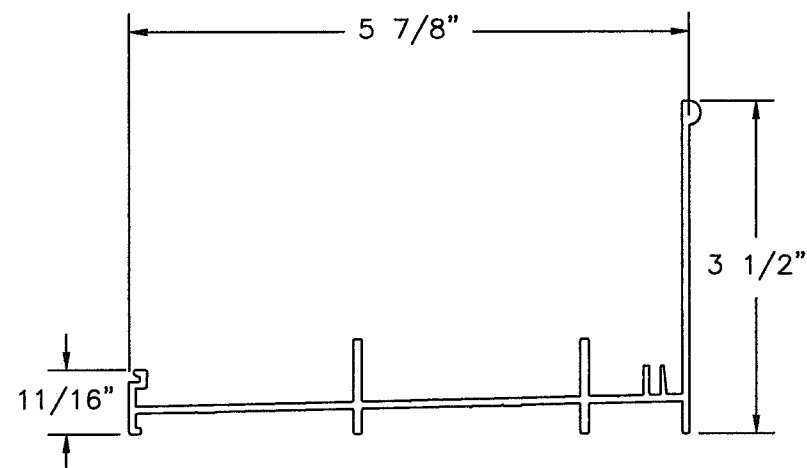
④ 2 TRACK WS SILL INSERT
ALUMINUM 6063-T6 .075" THICK



⑥1 2 TRACK NS SILL INSERT
ALUMINUM 6063-T6 .075" THICK



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



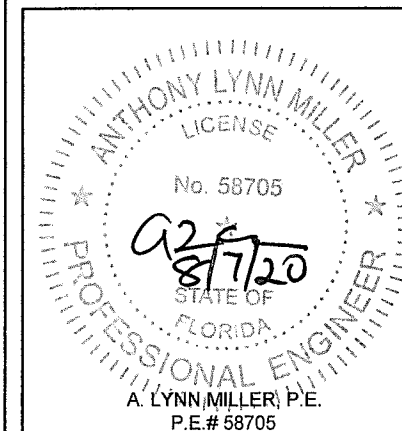
⑦0 2 TRACK WS RETRO SILL PAN
ALUMINUM 6063-T6 .075" THICK

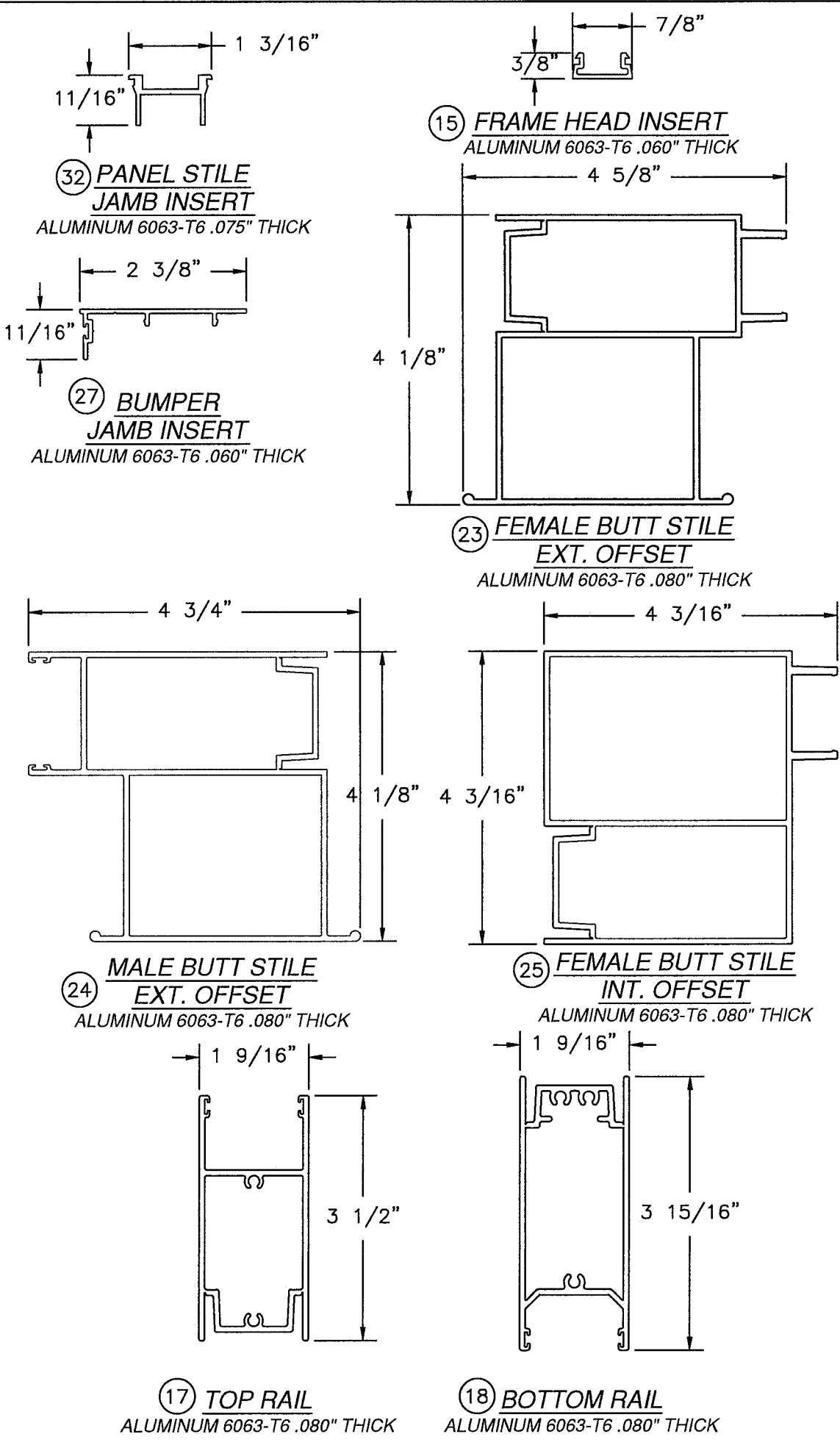
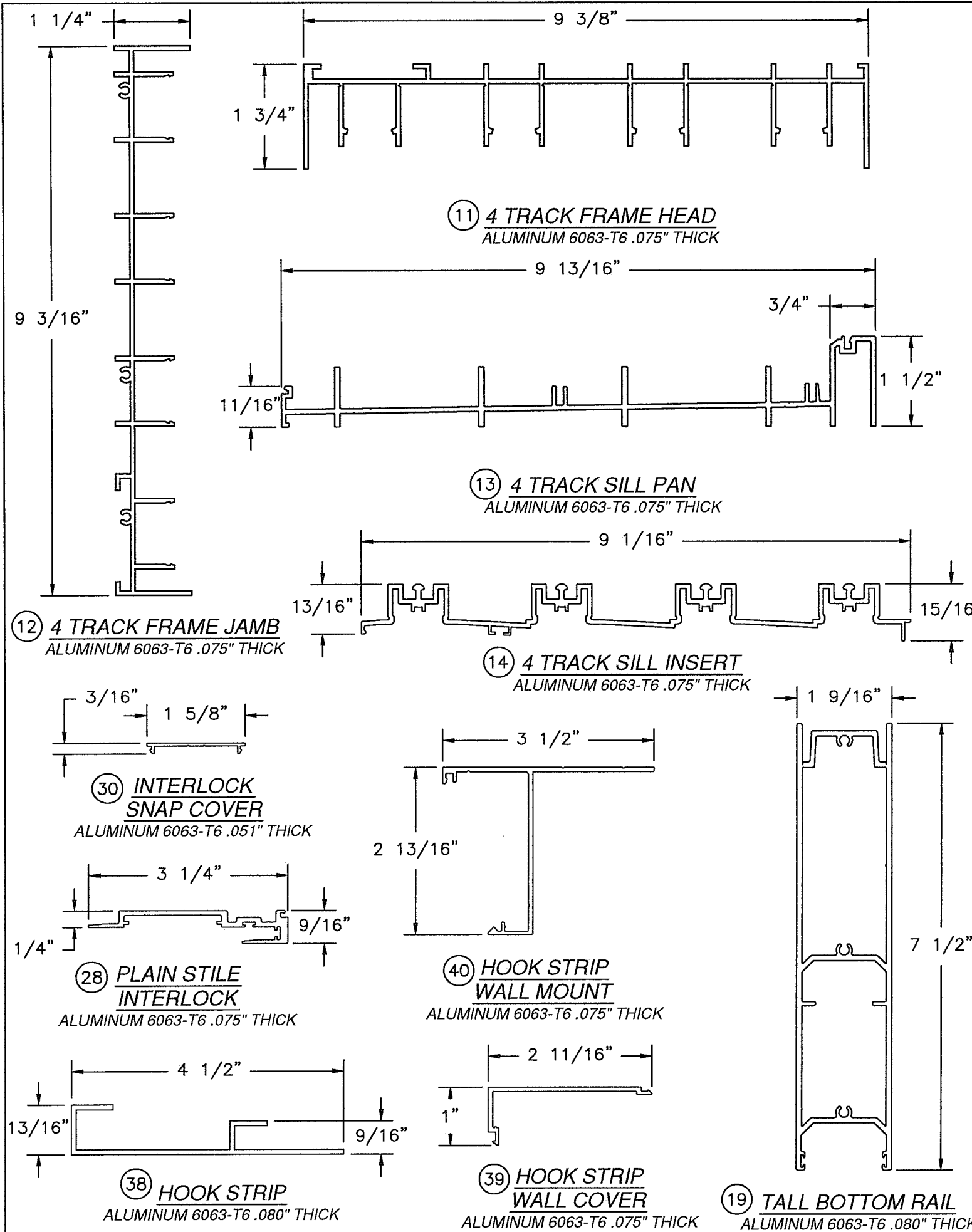
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0814.02**
Expiration Date: **03/31/2026**
By: Ismael L. Chandra
Miami-Dade Product Control

Revision:

NO CHANGES THIS SHEET.

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	Date	08/05/20	By	ERIN KOSS	No.	8100-SMI-NOA	Rev.
WINDOOR® INCORPORATED WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432	Title	ALUMINUM SLIDING GLASS DOOR (SM)	Desc.	EXTRUSIONS	Sheet	32 OF 35	Dwg
Series	Desc.	Title	Desc.	Title	Sheet	32 OF 35	Dwg
SGD8100A	Desc.	Title	Desc.	Title	Sheet	32 OF 35	Dwg



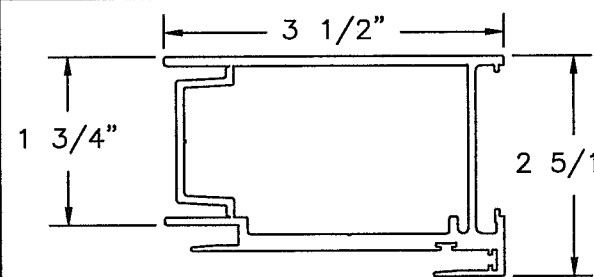


PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0814.02**
Expiration Date: **03/31/2026**
By: Isang L. Chanda
Miami-Dade Product Control

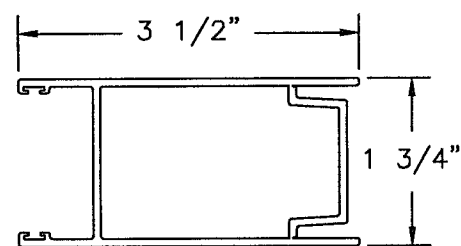
Revision: NO CHANGES THIS SHEET.

WINDOOR [®] <u>INCORPORATED</u>		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	
WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432			
ALUMINUM SLIDING GLASS DOOR (SM)		Date	08/05/20
EXTRUSIONS		Drawn By	ERIN KOSS
Series Desc.	SGD8100A	DWG No.	8100-SMI-NOA
Sheet		33 OF 35	
		Rev.	

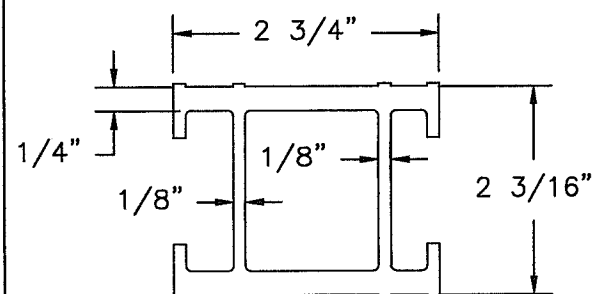
ANTHONY LYNN MILLER
LICENSE
No. 58705
87720
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705



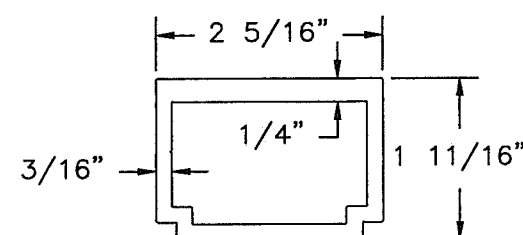
22 INTERLOCK STILE
ALUMINUM 6063-T6 .080" THICK



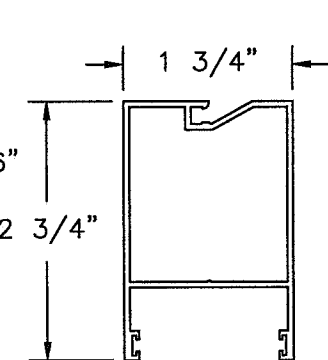
21 LOCK STILE
ALUMINUM 6063-T6 .080" THICK



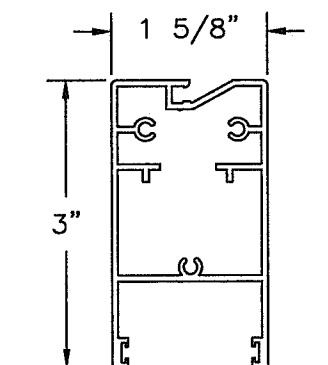
47 FEMALE BUTT STILE REINFORCING BAR
ALUMINUM 6005-T5 .125" THICK



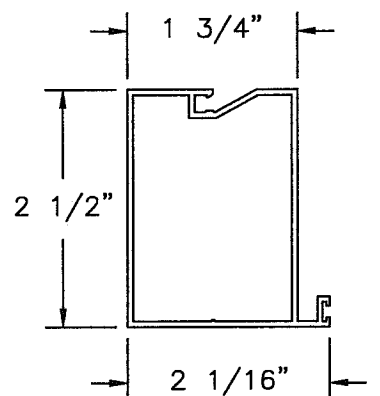
46 INTERLOCK REINFORCING BAR
ALUMINUM 6005-T5 .168" THICK



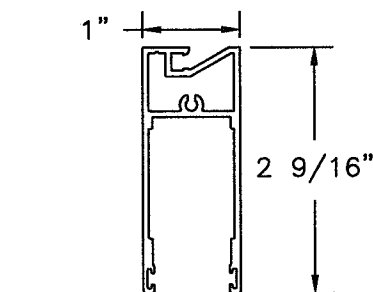
73 MT SCREEN STILE
ALUMINUM 6063-T6 .060" THICK



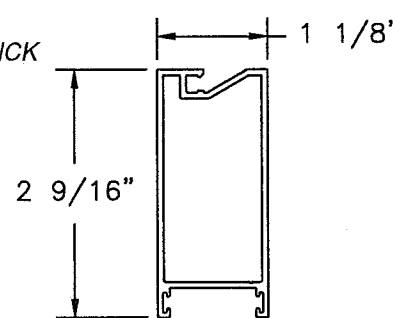
72 MT SCREEN TOP/BOTTOM RAIL
ALUMINUM 6063-T6 .060" THICK



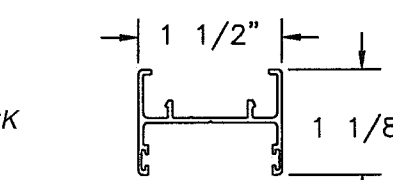
74 MT SCREEN STILE W/SEAL
ALUMINUM 6063-T6 .060" THICK



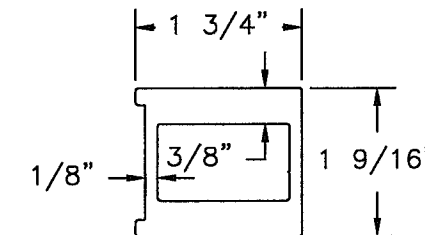
76 BOX SCREEN TOP/BOTTOM RAIL
ALUMINUM 6063-T6 .062" THICK



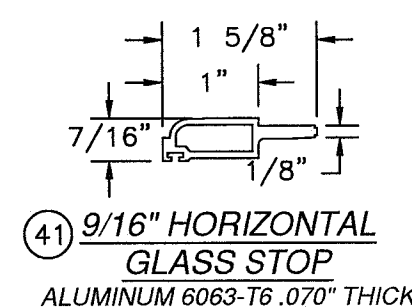
73 BOX SCREEN STILE
ALUMINUM 6063-T6 .062" THICK



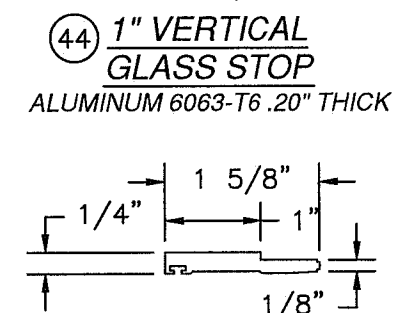
79 BOX SCREEN ASTRAGAL
ALUMINUM 6063-T6 .050" THICK



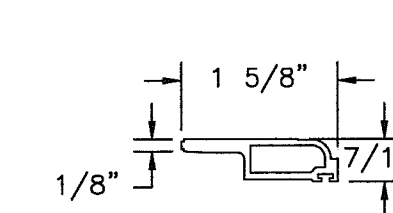
45 6000 BUTT STILE REINFORCING BAR
ALUMINUM 6061-T6 .375" THICK



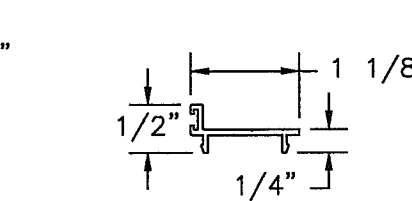
41 9/16" HORIZONTAL GLASS STOP
ALUMINUM 6063-T6 .070" THICK



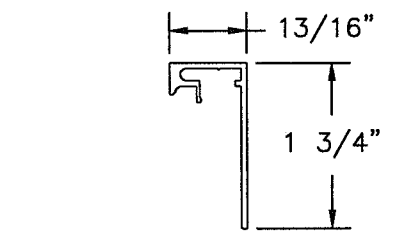
44 1" VERTICAL GLASS STOP
ALUMINUM 6063-T6 .20" THICK



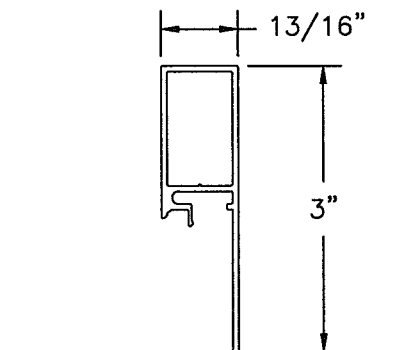
42 9/16" VERTICAL GLASS STOP
ALUMINUM 6063-T6 .070" THICK



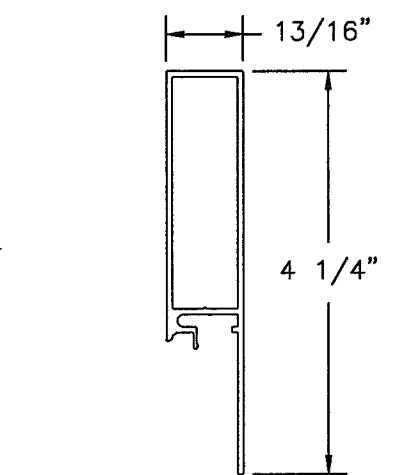
78 BOX SCREEN SWEEP
ALUMINUM 6063-T6 .060" THICK



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

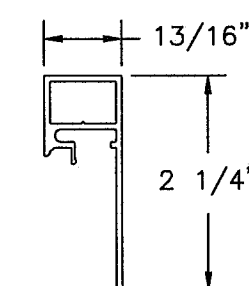


35 3" SILL RISER
ALUMINUM 6063-T6 .060" THICK

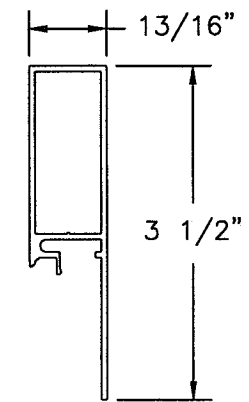


37 4 1/4" SILL RISER
ALUMINUM 6063-T6 .060" THICK

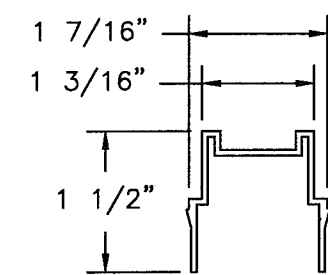
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0814.02**
Expiration Date: **03/31/2026**
By: Ishaq I. Chande
Miami-Dade Product Control



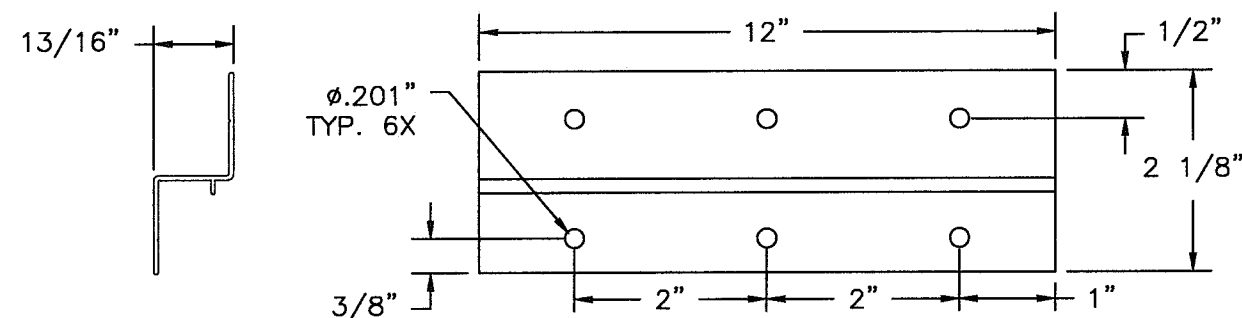
34 2 1/4" SILL RISER
ALUMINUM 6063-T6 .060" THICK



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



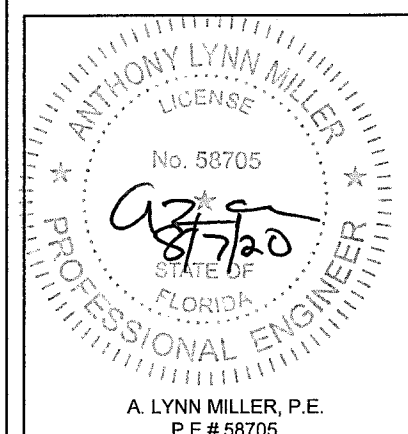
75 MT SCREEN ASTRAGAL
ALUMINUM 6063-T6 .060" THICK



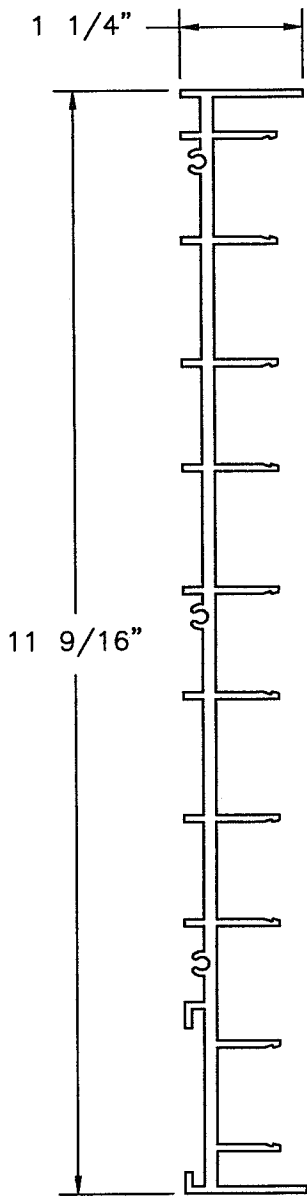
85 FIXED PANEL Z-CLIP
6063-T6 ALUM. .050" THICK

Revision: NO CHANGES THIS SHEET.

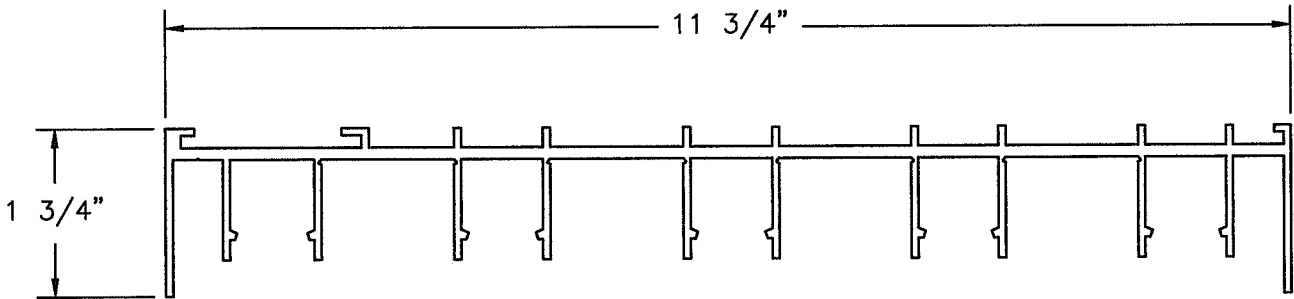
WINDOOR® INCORPORATED		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	
WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432		ALUMINUM SLIDING GLASS DOOR (SM)	
Date		08/05/20	
By		ERIN KOSS	
Drawn			
EXTRUSIONS			
Sheet		34 OF 35	
Dwg No.		8100-SMI-NOA	
Rev.			
SGD8100A			
Series			
Desc.			
Title			



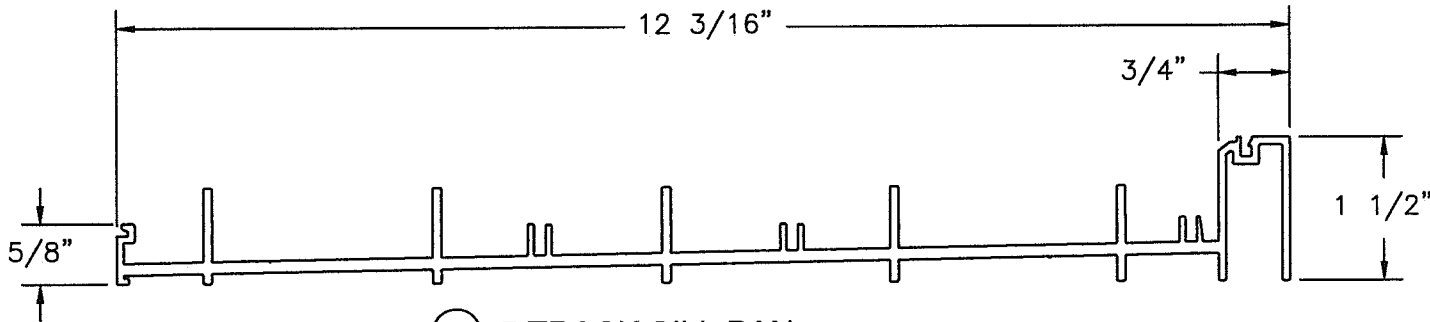
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0814.02**
Expiration Date: **03/31/2026**
By: Ismael I. Chanda
Miami-Dade Product Control



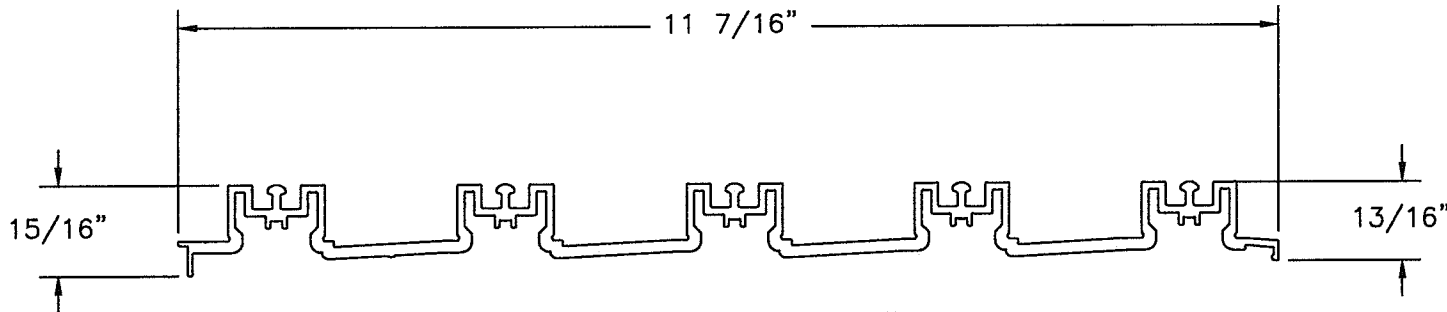
⑥ 5 TRACK FRAME JAMB
ALUMINUM 6063-T6 .075" THICK



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

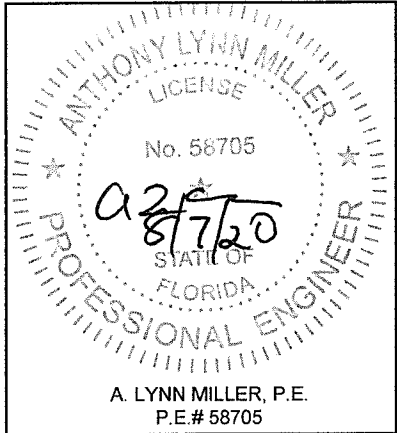


⑥9 5 TRACK SILL PAN
ALUMINUM 6063-T6 .125" THICK



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

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



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