



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

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION

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

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

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

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

### DESCRIPTION: Series "7000" Aluminum Sliding Glass Door W/WO Reinforcements-LMI

**APPROVAL DOCUMENT:** Drawing No. **SGD7000-LMI-NOA Rev A**, titled "7000 Series SGD-LMI", sheets 1 through 21 of 21, prepared by manufacturer, dated 04/03/20 and last revised on 07/28/20, signed and sealed by Lynn A. Miller, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

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

#### Limitations:

1. See Design Pressures Vs sizes, reinforcements, sill riser and glass types in sheets 2 thru 4 & additional sizes in sheets 5 & 6.
2. See anchor charts (Non-reinforced VS Reinforced) in sheets 5 & 6. Two (2) anchors at each anchor location shown in sheets 5 & 6, at head, sill and jambs, except one (1) anchor per location pocket (hook-strips jamb) not to exceed 11" O.C. is required per chart #10 (sheet 6).

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and 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 NOA # **20-0406.09** and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4 & E-5, as well as approval document mentioned above.

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



*Ishaq I. Chanda*

NOA No. 20-0806.05  
Expiration Date: June 02, 2025  
Approval Date: December 03, 2020  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. Evidence submitted in previous files**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections (submitted under files below)
2. Drawing No. **08-00638 Rev F**, titled "7000 Series SGD-LMI", sheets 1 through 21 of 21, prepared by manufacturer, dated 12/10/08 and last revised on 02/09/16, signed and sealed by Luis R. Lomas, P.E.

**B. TESTS (Submitted under files # 12-0130.08/# 09-0519.12)**

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

Along with marked-up drawings and installation diagram of Aluminum Sliding Glass, prepared by National Certified Testing Laboratories Inc., Test Report No. **NCTL-210-3533-2**, dated 03/25/09, signed & sealed by Gerald J, Ferrara, P.E.

**C. CALCULATIONS**

1. Anchor verification calculations, structural & comparative analysis, complying with FBC2014(5<sup>th</sup> Edition), dated 05-29-15, 12-09-15 and last revised on 02/05/16, prepared, signed and sealed by Luis R. Lomas, P.E.
2. Glazing complies with ASTM E-1300-02, -04 & -09.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS (Submitted under files # 12-0130.08/# 09-0519.12)**

1. Notice of Acceptance No. **14-0916.11** issued to **Kuraray America, Inc.** (Former E.I. DuPont DeNemours & Co., Inc. for the "**Sentry Glass ® (Clear and White) Glass Interlayers**", expiring on 07/04/18.
2. Notice of Acceptance No. **14-0916.10** issued to **Kuraray America, Inc.** (Former E.I. DuPont DeNemours & Co., Inc. for the "**Kurray Butacite PVB Interlayers**", expiring on 12/11/2016.

**F. STATEMENTS**

1. Statement letter of conformance to FBC 2014 (5<sup>th</sup> edition) and "No financial interest", dated 05/29/15, prepared, signed and sealed by Luis R. Lomas, P.E.
2. Test lab compliance statement, part of the above referenced reports.

**G. OTHER**

1. This NOA revises & renews NOA # **12-0130.08**, expiring on June 02, 2020
2. Test Proposals # **07-3931**, dated 04/31/2008 approved by BCCO.

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 20-0806.05**  
**Expiration Date: June 02, 2025**  
**Approval Date: December 03, 2020**

**WinDoor, Incorporated**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**2. Evidence submitted under previous file.**

**A. DRAWINGS**

1. Drawing No. **08-00638 Rev G**, titled “7000 Series SGD-LMI”, sheets 1 through 21 of 21, prepared by manufacturer, dated 12/10/08 and last revised on 11/28/17, signed and sealed by Luis R. Lomas, P.E.

**B. Test**

1. None.

**C. CALCULATIONS**

1. Anchor verification dated 11/27/17 complying w/ FBC 2017 (6<sup>th</sup> Edition), prepared, signed and sealed by Luis R. Lomas, P.E.

**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.** (Former E.I. DuPont DeNemours & Co., Inc. for the “**Sentry Glass ® (Clear and White) Glass Interlayers**”, expiring on 07/04/18.
2. Notice of Acceptance No. **16-1117.01** issued to Kuraray America, Inc. (former E.I. DuPont DeNemours & Co., Inc.) for “**Trosifol: Ultra clear, clear & color PVB glass interlayer**” (former “Kuraray **Butacite** PVB Interlayer)”, expiring on 07/08/19.

**F. STATEMENTS**

1. Statement letter of conformance to FBC 2017 (6<sup>th</sup> Edition), dated 11/27/17 prepared, signed and sealed by Luis R. Lomas, P.E.

**G. OTHER**

1. This NOA **revises # 15-0604.09**, expiring 06/02/20.

**3. Evidence submitted under previous approval.**

**A. DRAWINGS**

1. Drawing No. **SGD7000-LMI-NOA** (former **08-00638 Rev G**), titled “7000 Series SGD-LMI”, sheets 1 through 21 of 21, prepared by manufacturer, dated 04/03/20, signed and sealed by Lynn A. Miller, P.E.

**B. Test**

1. None.

**C. CALCULATIONS (submitted under # 17-1219.06)**

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 20-0806.05**  
**Expiration Date: June 02, 2025**  
**Approval Date: December 03, 2020**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**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.** (Former E.I. DuPont DE Nemours & Co., Inc. for the “**Sentry Glass ® (Clear and White) Glass Interlayers**”, expiring on 07/04/23.
2. Notice of Acceptance No. **19-0305.02** issued to Kuraray America, Inc. (former E.I. DuPont DE Nemours & Co., Inc.) for “**Trosifol: Ultra clear, clear & color PVB glass interlayer**” (former “Kuraray **Butacite** PVB Interlayer”), expiring on 07/08/24.

**F. STATEMENTS**

1. Statement letter of conformance and “to FBC 2017 (6<sup>th</sup> Edition) and “no financial interest both dated 04/03/20, prepared, signed and sealed by Lynn A. Miller, P.E.
2. Statement Letter of Successor Engineer adopting another Engineer’s work as his own per FLA 61G15.27.001, dated 04/02/20, prepared, signed and sealed by Lynn A. Miller, P.E.

**G. OTHER**

1. This NOA **renews # 17-1219.06**, expiring 06/02/25.

**4. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **SGD7000-LMI-NOA Rev A**, titled “7000 Series SGD-LMI”, sheets 1 through 21 of 21, prepared by manufacturer, dated 04/03/20 and last revised on 07/28/20, signed and sealed by Lynn A. Miller, P.E.

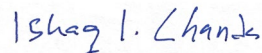
**B. TESTS**

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

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

**WinDoor, Inc. test specimens:**

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

  
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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 20-0806.05**  
**Expiration Date: June 02, 2025**  
**Approval Date: December 03, 2020**



**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**B. TESTS (continue):**

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

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

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

**FTL-7897**, PGT PW5520 PVC Fixed Window (unit 6 in proposal), dated 09/03/14

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

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with **FBC 7<sup>th</sup> Edition (2020)**, dated 07/28/20, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
2. Glazing complies with **ASTM E1300-04, -09, -12 and -16**.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **19-0305.02** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**”, expiring on 07/08/24.
2. Notice of Acceptance No. **17-0808.02** issued to **Kuraray America, Inc.** for their “**SentryGlas® (Clear and White) Glass Interlayers**”, expiring on 07/04/23.

**F. STATEMENTS**

1. Statement letters of conformance to FBC 2020(7<sup>th</sup> Edition) and “No financial interest”, dated 07/28/20, prepared, signed & sealed by Lynn Miller, P. E.
2. Statement of Lab compliance as part of the test report.

**G. OTHER**

1. This NOA **revises NOA No. 20-0406.09** and updates to FBC 2020 (7<sup>th</sup> Edition) expiring 06/02/25.
2. RER Test proposals **#19-1155** dated 01/10/20 approved by Ishaq I. Chanda, P.E.

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 20-0806.05**  
**Expiration Date: June 02, 2025**  
**Approval Date: December 03, 2020**

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. WOOD FRAMING/2X BUCK, 20 GA. 2X WOOD BACKED STEEL STUD OR MASONRY/CONCRETE OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. WOOD FRAMING/2X BUCK, 20 GA. 2X WOOD BACKED STEEL STUD OR MASONRY/CONCRETE OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD. 1X BUCK MUST BE PROPERLY SECURED TO TRANSFER ALL LOADS TO THE STRUCTURE, TO BE REVIEWED BY THE AHJ.
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 AND PANEL MATERIAL: ALUMINUM 6063-T6
6. UNITS MUST BE GLAZED PER ASTM E1300-04/09, SEE SHEET 9 FOR GLAZING OPTIONS.
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 OR 4 TRACK FRAME SYSTEM WITH OR WITHOUT POCKETS.
9. ALL FRAME SYSTEMS, 2 TRACK, 3 TRACK AND 4 TRACK, WILL HAVE THE FOLLOWING ANCHOR QUANTITIES PER ANCHOR LOCATION:
- A. HEAD, SILL, JAMBS: 2 ANCHORS PER LOCATION
- B. HOOK STRIP: 1 ANCHOR PER LOCATION.
10. FOR ANCHORING INTO MASONRY/CONCRETE USE 1/4" ITW TAPCON (FY=100 KSI; FU=125 KSI) WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE AND 1 3/8" MINIMUM SEPARATION. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
11. FOR ANCHORING INTO WOOD FRAMING, 2X BUCK OR WOOD BACKED STEEL STUD USE #10 (GRADE 5) WOOD SCREW WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT AND 3/4" MINIMUM EDGE DISTANCE INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
12. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM TO BE 1/4".
13. ALL FASTENERS TO BE CORROSION RESISTANT.
14. 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 3,200 PSI.
- C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
- D. METAL BACKED FRAMING - 20 GA (.040) MINIMUM THICKNESS (TO BE USED WITH WOOD FRAMING)

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, B.O.M. ITEM #47. ALL PANELS HAVE A FIXED GLAZING STOP ON THE INTERIOR AND AN APPLIED GLAZING STOP ON THE EXTERIOR.

FRAME CONSTRUCTION:

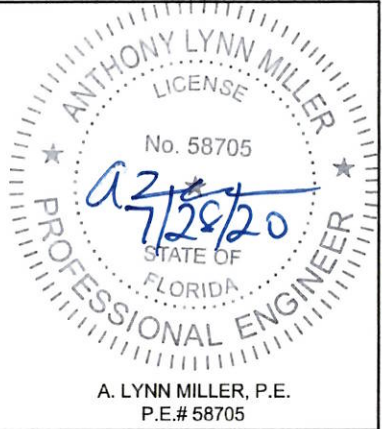
EACH FRAME CORNER IS NOTCHED AND BUTTED. HEAD AND SILL ARE SECURED TO JAMBS WITH #8 x 1" TYPE F SCREW, B.O.M. ITEM #48, (2) AT EACH CORNER ON 2 TRACK FRAME, (3) AT EACH CORNER ON 3 TRACK FRAME AND (4) AT EACH CORNER ON 4 TRACK FRAME.

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	GENERAL NOTES
2-4	ELEVATIONS
5-6	DP & ANCHORAGE CHARTS
7	ANCORAGE DETAILS
8	BILL OF MATERIALS
9	GLAZING DETAILS
10-15	SECTION VIEWS
16-19	INSTALLATION DETAILS
20-21	EXTRUSIONS

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0806.05  
Expiration Date 06/02/2025  
By Isaac L. Chande  
Miami-Dade Product Control

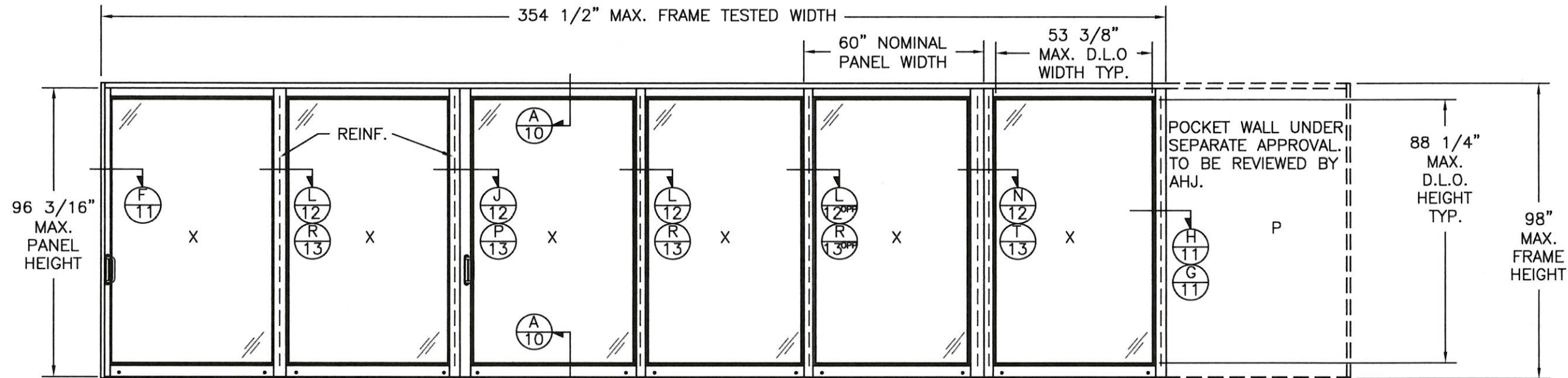
Revision: UPDATES FOR 2020 FBC.  
UPDATED MANUFACTURING  
ADDRESS. EK 7/24/20

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	4/03/2020	ALAN KINNE	A
WINDOOR® INCORPORATED WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432	ALUMINUM SLIDING GLASS DOOR (LM)	GENERAL NOTES	SGD7000A
1 OF 21	1 OF 21	1 OF 21	1 OF 21



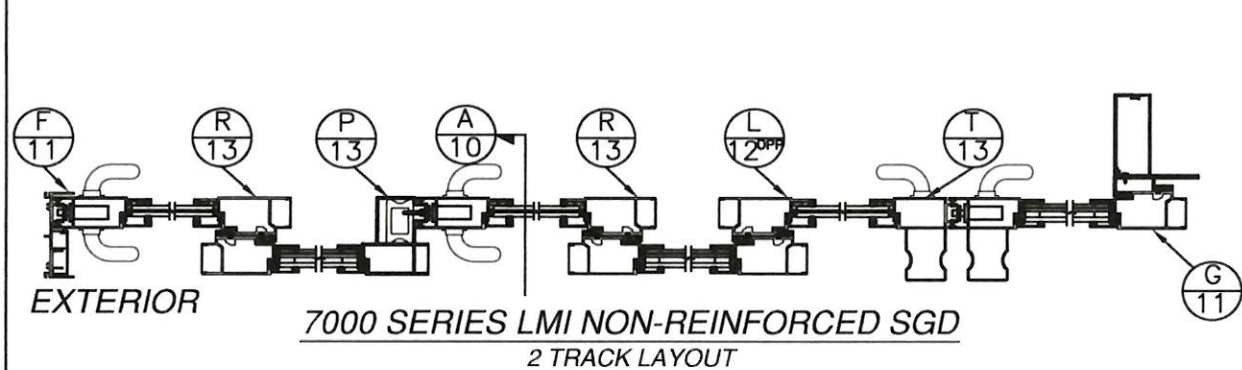
A. LYNN MILLER, P.E.  
P.E.# 58705





**7000 SERIES LMI SGD (XXXXXXP)**  
6 PANEL UNIT SHOWN. UNLIMITED NUMBER OF PANELS IS APPLICABLE AS LONG AS INDIVIDUAL PANEL SIZE DOES NOT EXCEED MAXIMUM PANEL WIDTH & HEIGHT AND MAXIMUM FRAME AREA DOES NOT EXCEED 1.5x 241.26 SQ.FT. (TESTED AREA) = 361.88 SQ.FT. (MAX. FRAME AREA) AND USE VERTICAL CONDITIONS AS SHOWN.

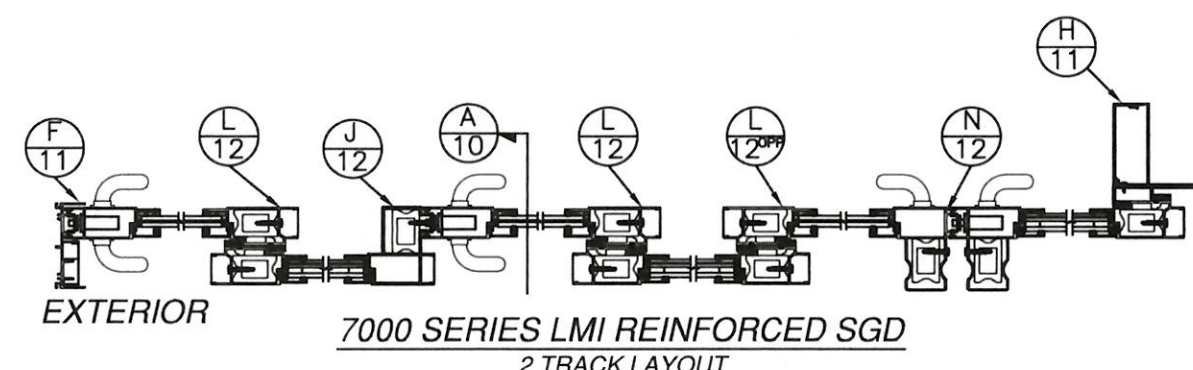
6" TO WEEP  
WEEP SLOT 1" x .1875" TYP. LOCATED AT ALL VERTICAL CENTER LINES



**7000 SERIES LMI NON-REINFORCED SGD**  
2 TRACK LAYOUT

NON-REINFORCED	
DESIGN PRESSURE RATING	IMPACT RATING
±45.0PSF	LARGE MISSILE IMPACT

WITH 2-1/2" SILL RISER  
FOR SMALLER UNIT SIZES, RATINGS & ANCHORAGE,  
SEE CHARTS 1-3, SHEET 5



**7000 SERIES LMI REINFORCED SGD**  
2 TRACK LAYOUT

REINFORCED	
DESIGN PRESSURE RATING	IMPACT RATING
+45.0/-60.0PSF	LARGE MISSILE IMPACT

WITH 2-1/2" SILL RISER  
FOR SMALLER UNIT SIZES, RATINGS & ANCHORAGE,  
SEE CHARTS 4-6, SHEET 5

REINFORCED	
DESIGN PRESSURE RATING	IMPACT RATING
±60.0PSF	LARGE MISSILE IMPACT

WITH 3-1/8" SILL RISER  
FOR SMALLER UNIT SIZES, RATINGS & ANCHORAGE,  
SEE CHARTS 7-9, SHEET 6

- NOTES:
- SEE CHART #10, SHEET 6 FOR POCKET JAMB (HOOK STRIP) ANCHORAGE.
  - RATINGS SHOWN ABOVE ARE INTO CONCRETE/MASONRY. SEE CHARTS 2, 5 & 8 FOR RATINGS INTO WOOD.

PANEL AND D.L.O. FORMULA  
PANEL HEIGHT = UNIT HEIGHT - 1 9/16"  
D.L.O. HEIGHT = PANEL HEIGHT - 7.9375"  
D.L.O. WIDTH = PANEL WIDTH - 6.625"

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 20-0806.05  
Expiration Date 06/02/2025  
By *Shay L. Chandra*  
Miami-Dade Product Control

Revision: FRAME AREA LIMITED TO 1.5x TESTED AREA. EK 7/24/20

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

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

ALUMINUM SLIDING GLASS DOOR (LM)

ELEVATIONS & DP AT MAX SIZE - 2T

SGD7000A

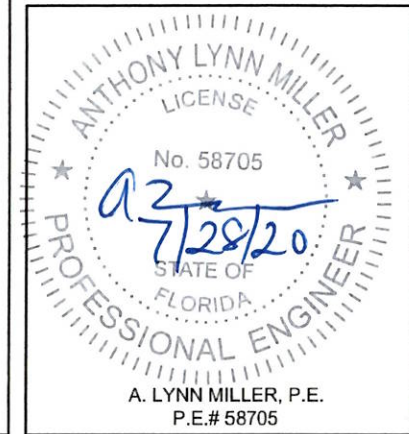
4/03/2020

ALAN KINNE

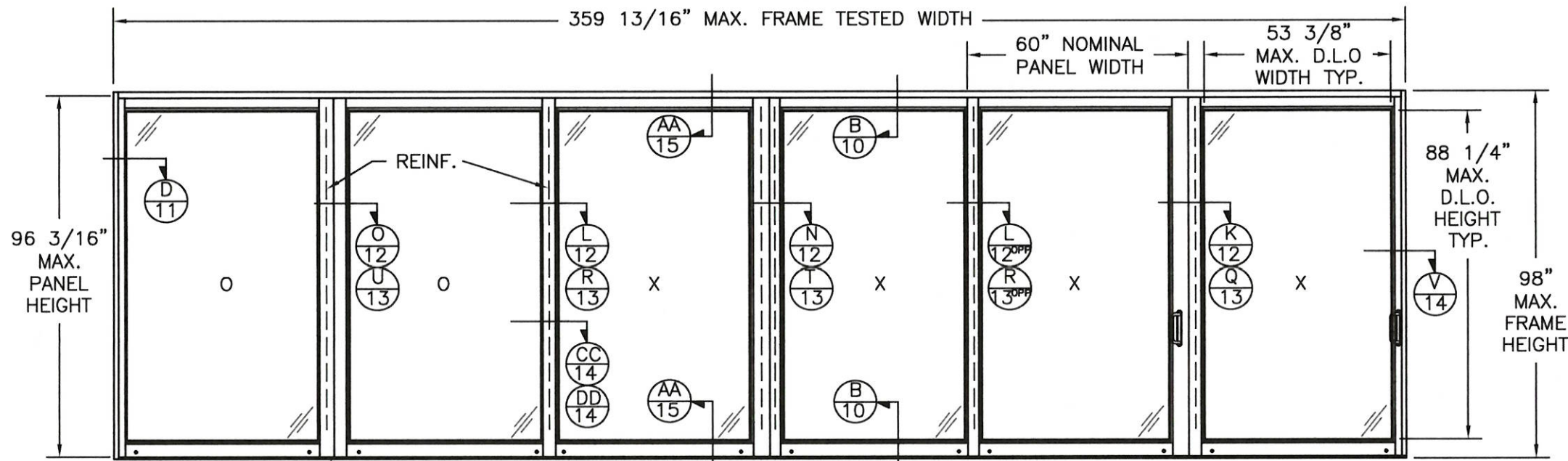
2 OF 21

SGD7000LMI-NOA

A



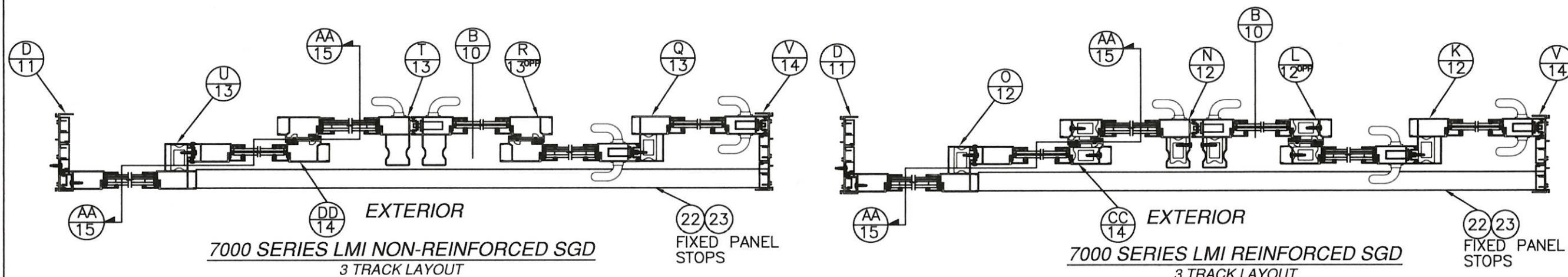




6" TO  
WEEP  
WEEP SLOT 1" x .1875"  
TYP. LOCATED AT ALL  
VERTICAL CENTER LINES

#### 7000 SERIES LMI SGD (OOXXXX)

6 PANEL UNIT SHOWN. UNLIMITED NUMBER OF PANELS IS APPLICABLE AS LONG AS INDIVIDUAL  
PANEL SIZE DOES NOT EXCEED MAXIMUM PANEL WIDTH & HEIGHT AND MAXIMUM FRAME AREA  
DOES NOT EXCEED 1.5x 244.60 SQ.FT. (TESTED AREA) = 367.31 SQ.FT. (MAX. FRAME AREA)  
AND USE VERTICAL CONDITIONS AS SHOWN.



#### 7000 SERIES LMI NON-REINFORCED SGD 3 TRACK LAYOUT

NON-REINFORCED	
DESIGN PRESSURE RATING	IMPACT RATING
±45.0PSF	LARGE MISSILE IMPACT

WITH 2-1/2" SILL RISER  
FOR SMALLER UNIT SIZES, RATINGS & ANCHORAGE,  
SEE CHARTS 1-3, SHEET 5

REINFORCED	
DESIGN PRESSURE RATING	IMPACT RATING
+45.0/-60.0PSF	LARGE MISSILE IMPACT

WITH 2-1/2" SILL RISER  
FOR SMALLER UNIT SIZES, RATINGS & ANCHORAGE,  
SEE CHARTS 4-6, SHEET 5

REINFORCED	
DESIGN PRESSURE RATING	IMPACT RATING
±60.0PSF	LARGE MISSILE IMPACT

WITH 3-1/8" SILL RISER  
FOR SMALLER UNIT SIZES, RATINGS & ANCHORAGE,  
SEE CHARTS 7-9, SHEET 6

#### NOTES:

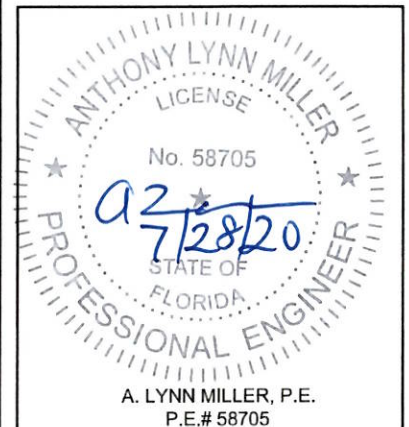
- SEE CHART #10, SHEET 6 FOR POCKET JAMB (HOOK STRIP) ANCHORAGE.
- RATINGS SHOWN ABOVE ARE INTO CONCRETE/MASONRY. SEE CHARTS 2, 5 & 8 FOR RATINGS INTO WOOD.

PANEL AND D.L.O. FORMULA  
PANEL HEIGHT = UNIT HEIGHT - 1 9/16"  
D.L.O. HEIGHT = PANEL HEIGHT - 7.9375"  
D.L.O. WIDTH = PANEL WIDTH - 6.625"

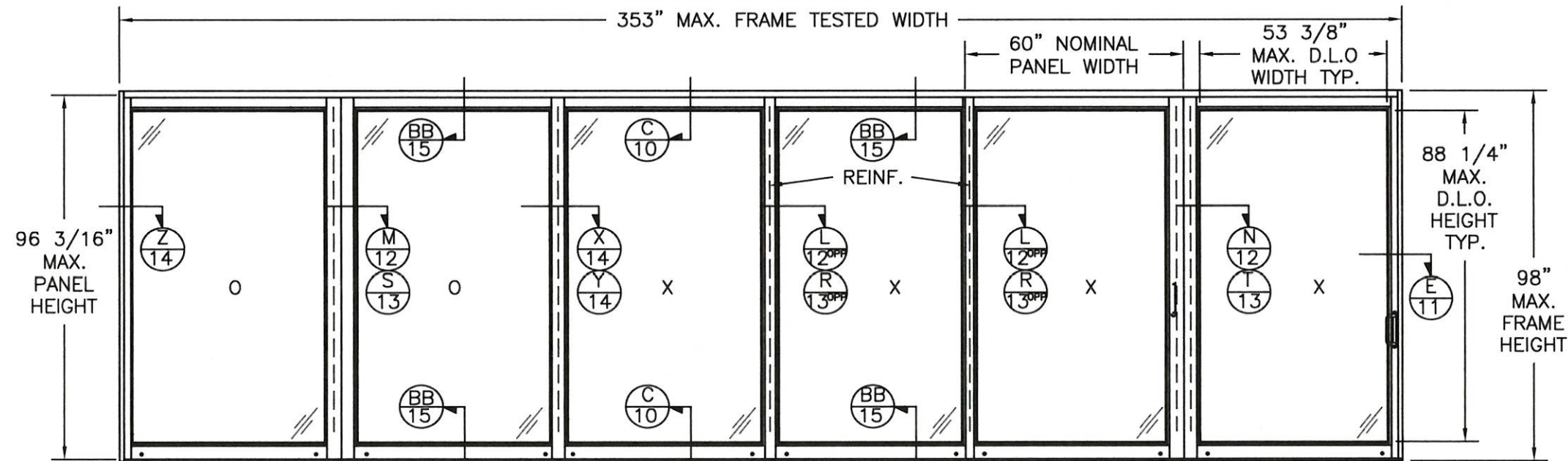
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0806.05  
Expiration Date 06/02/2025  
By Ishag I. Chank  
Miami-Dade Product Control

Revision: FRAME AREA LIMITED TO 1.5x  
TESTED AREA. EK 7/24/20

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	Date	4/03/2020	Rev.	A
	By	ALAN KINNE	DWG	SGD7000LMI-NOA
	No.	3 OF 21	Sheet	
	Series	SGD7000A	Desc.	ELEVATIONS & DP AT MAX SIZE - 3T
WINDOOR <sup>®</sup> INCORPORATED WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432				
ALUMINUM SLIDING GLASS DOOR (LM)				



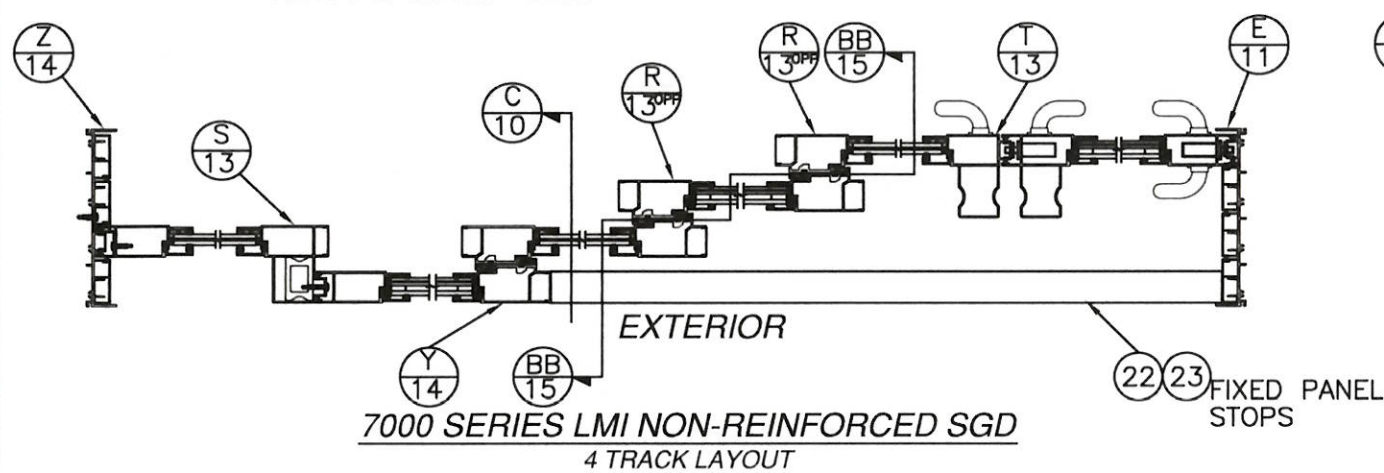




**7000 SERIES LMI SGD (OOXXXX)**  
 6 PANEL UNIT SHOWN. UNLIMITED NUMBER OF PANELS IS APPLICABLE AS LONG AS INDIVIDUAL PANEL SIZE DOES NOT EXCEED MAXIMUM PANEL WIDTH & HEIGHT AND MAXIMUM FRAME AREA DOES NOT EXCEED 1.5x 240.24 SQ.FT. (TESTED AREA) = 360.36 SQ.FT. (MAX. FRAME AREA) AND USE VERTICAL CONDITIONS AS SHOWN.

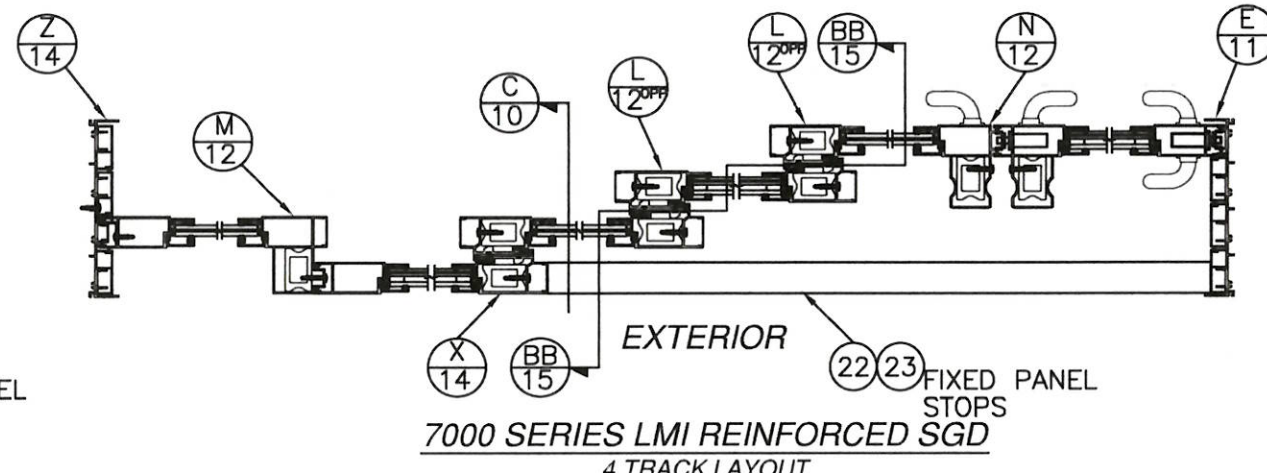
WEEP SLOT 1" x .1875" TYP. LOCATED AT ALL VERTICAL CENTER LINES

6" TO WEEP



NON-REINFORCED	
DESIGN PRESSURE RATING	IMPACT RATING
±45.0PSF	LARGE MISSILE IMPACT

WITH 2-1/2" SILL RISER  
 FOR SMALLER UNIT SIZES, RATINGS & ANCHORAGE, SEE CHARTS 1-3, SHEET 5



REINFORCED	
DESIGN PRESSURE RATING	IMPACT RATING
+45.0/-60.0PSF	LARGE MISSILE IMPACT

WITH 2-1/2" SILL RISER  
 FOR SMALLER UNIT SIZES, RATINGS & ANCHORAGE, SEE CHARTS 4-6, SHEET 5

REINFORCED	
DESIGN PRESSURE RATING	IMPACT RATING
±60.0PSF	LARGE MISSILE IMPACT

WITH 3-1/8" SILL RISER  
 FOR SMALLER UNIT SIZES, RATINGS & ANCHORAGE, SEE CHARTS 7-9, SHEET 6

- NOTES:
- SEE CHART #10, SHEET 6 FOR POCKET JAMB (HOOK STRIP) ANCHORAGE.
  - RATINGS SHOWN ABOVE ARE INTO CONCRETE/MASONRY. SEE CHARTS 2, 5 & 8 FOR RATINGS INTO WOOD.

PANEL AND D.L.O. FORMULA  
 PANEL HEIGHT = UNIT HEIGHT - 1 9/16"  
 D.L.O. HEIGHT = PANEL HEIGHT - 7.9375"  
 D.L.O. WIDTH = PANEL WIDTH - 6.625"

**PRODUCT REVISED**  
 as complying with the Florida Building Code  
 NOA-No. 20-0806.05  
 Expiration Date 06/02/2025  
 By Ishag I. Zhand  
 Miami-Dade Product Control

Revision: FRAME AREA LIMITED TO 1.5x TESTED AREA. EK 7/24/20

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	Date	4/03/2020	Rev.	A
	By	ALAN KINNE	DWG No.	SGD7000LMI-NOA
	Sheet	4 OF 21	Series	SGD7000A
	ELEVATIONS & DP AT MAX SIZE - 4T			
<b>WINDOOR</b> INCORPORATED WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432	ALUMINUM SLIDING GLASS DOOR (LM)			

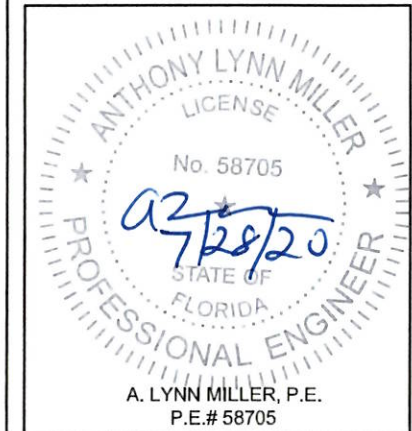




CHART #1  
MASONRY/CONCRETE INSTALLATION - NON-REINFORCED - 2-1/2" SILL RISER

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
	82.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	58.8
84.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	59.6	59.6	56.7	56.7
96.0	60.0	60.0	60.0	60.0	60.0	60.0	58.3	58.3	53.1	53.1	49.3	49.3	46.4	46.4
98.0	60.0	60.0	60.0	60.0	60.0	60.0	56.8	56.8	51.7	51.7	47.9	47.9	45.0	45.0

CHART #2  
WOOD INSTALLATION - NON-REINFORCED - 2-1/2" 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	
	82.0	60.0	60.0	60.0	60.0	53.3	53.3	39.2	39.2	49.7	49.7	46.5	46.5	38.4	38.4
	84.0	60.0	60.0	60.0	60.0	53.3	53.3	39.2	39.2	48.0	48.0	44.9	44.9	38.4	38.4
96.0	60.0	60.0	56.9	56.9	49.2	49.2	39.2	39.2	40.0	40.0	37.1	37.1	34.9	34.9	
98.0	60.0	60.0	55.5	55.5	48.0	48.0	39.2	39.2	38.9	38.9	36.1	36.1	33.9	33.9	

CHART #3  
MASONRY/CONCRETE & WOOD INSTALLATION - NON-REINFORCED - 2-1/2" SILL RISER

Number of Anchor Locations Required (Pairs)																					
Frame Height (in)	Panel Width (in)																				
	24.0			30.0			36.0			42.0			48.0			54.0			60.0		
	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster
82.0	1	7	4	1	7	4	1	7	4	1	7	4	2	7	4	2	7	4	2	7	4
84.0	1	7	4	1	7	4	1	7	4	1	7	4	2	7	4	2	7	4	2	7	4
96.0	1	8	4	1	8	4	1	8	4	1	8	4	2	8	4	2	8	4	2	8	4
98.0	1	8	4	1	8	4	1	8	4	1	8	4	2	8	4	2	8	4	2	8	4

CHART #4  
MASONRY/CONCRETE INSTALLATION - REINFORCED - 2-1/2" 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
82.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	58.8	75.0
84.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	59.6	75.0	56.7	75.0
96.0	60.0	75.0	60.0	75.0	60.0	75.0	58.3	75.0	53.1	70.8	49.3	65.7	46.4	61.8
98.0	60.0	75.0	60.0	75.0	60.0	75.0	56.8	75.0	51.7	68.9	47.9	63.8	45.0	60.0

CHART #5  
WOOD INSTALLATION - REINFORCED - 2-1/2" 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
82.0	60.0	75.0	60.0	68.8	53.3	53.3	54.0	54.0	49.7	49.7	47.4	47.4	57.6	57.6
84.0	60.0	75.0	60.0	66.8	53.3	53.3	52.2	52.2	48.0	48.0	47.4	47.4	56.7	57.6
96.0	60.0	68.6	56.9	56.9	49.2	49.2	58.3	65.8	53.1	60.0	47.4	47.4	46.4	52.4
98.0	60.0	67.0	55.5	55.5	48.0	48.0	56.8	64.1	51.7	58.4	47.4	47.4	38.4	38.4

CHART #6  
MASONRY/CONCRETE & WOOD INSTALLATION - REINFORCED - 2-1/2" SILL RISER

Number of Anchor Locations Required (Pairs)																					
Frame Height (in)	Panel Width (in)																				
	24.0			30.0			36.0			42.0			48.0			54.0			60.0		
	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster
82.0	1	7	4	1	7	4	1	7	4	2	7	4	2	7	4	2	7	6	3	7	6
84.0	1	7	4	1	7	4	1	7	4	2	7	4	2	7	4	2	7	6	3	7	6
96.0	1	8	4	1	8	4	1	8	4	2	8	6	2	8	6	2	8	6	3	8	6
98.0	1	8	4	1	8	4	1	8	4	2	8	6	2	8	6	2	8	6	2	8	6

NOTE:

1. TWO (2) ANCHORS PER LOCATION IS REQUIRED. TOTAL NUMBER OF ANCHORS MUST BE TWICE THE NUMBER OF ANCHORS SHOWN IN CHARTS. EXCEPT FOR POCKET JAMB ANCHORS.

EXAMPLE:

ANCHORS FOR A UNIT WITH 24" WIDE PANELS AND 98" FRAME HEIGHT (SEE CHARTS #3 AND #10 POCKET JAMB).

- |   |                           |
|---|---------------------------|
| • HEAD INTERMEDIATE ANCHOR LOCATIONS: 1 | TOTAL HEAD ANCHORS: 2     |
| • JAMB ANCHOR LOCATIONS: 8              | TOTAL JAMB ANCHORS: 16    |
| • SILL INTERMEDIATE ANCHOR LOCATIONS: 1 | TOTAL SILL ANCHORS: 2     |
| • ICLUSTER ANCHOR LOCATIONS: 4          | TOTAL ICLUSTER ANCHORS: 8 |
| • POCKET ANCHOR LOCATIONS: 9            | TOTAL POCKET ANCHORS: 9   |

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0806.05  
Expiration Date 06/02/2025  
By Ismael L. Chando  
Miami-Dade Product Control

Revision: NO CHANGES THIS SHEET.  
EK 7/24/20

WINDOOR® INCORPORATED WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432	ALUMINUM SLIDING GLASS DOOR (LM)	DP & ANCHOR CHARTS - 2-1/2" RISER	SGD7000A	5 OF 21	DWG No.	SGD7000LM-NOA	Rev. A
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296		ALAN KINNE		4/03/2020		Date	

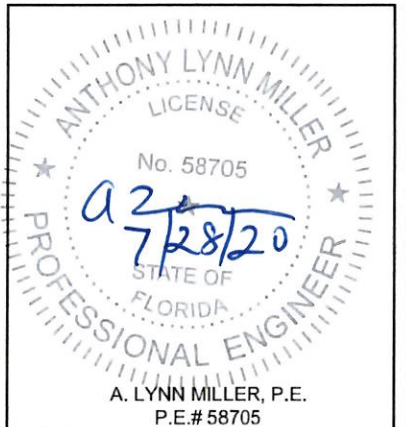




CHART #7  
MASONRY/CONCRETE INSTALLATION - REINFORCED - 3-1/8" SILL RISER

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
	82.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
84.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
96.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	70.8	70.8	65.7	65.7	61.8	61.8
98.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	68.9	68.9	63.8	63.8	60.0	60.0

CHART #8  
WOOD INSTALLATION - REINFORCED - 3-1/8" 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
	82.0	75.0	75.0	68.8	68.8	53.3	53.3	54.0	54.0	49.7	49.7	47.4	47.4	57.6
84.0	75.0	75.0	66.8	66.8	53.3	53.3	52.2	52.2	48.0	48.0	47.4	47.4	57.6	57.6
96.0	68.6	68.6	56.9	56.9	49.2	49.2	65.8	65.8	60.0	60.0	47.4	47.4	52.4	52.4
98.0	67.0	67.0	55.5	55.5	48.0	48.0	64.1	64.1	58.4	58.4	47.4	47.4	38.4	38.4

CHART #9  
MASONRY/CONCRETE & WOOD INSTALLATION - REINFORCED - 3-1/8" SILL RISER

Number of Anchor Locations Required (Pairs)																					
Frame Height (in)	Panel Width (in)																				
	24.0			30.0			36.0			42.0			48.0			54.0			60.0		
	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster
82.0	1	7	4	1	7	4	1	7	4	2	7	4	2	7	4	2	7	6	3	7	6
84.0	1	7	4	1	7	4	1	7	4	2	7	4	2	7	4	2	7	6	3	7	6
96.0	1	8	4	1	8	4	1	8	4	2	8	6	2	8	6	2	8	6	3	8	6
98.0	1	8	4	1	8	4	1	8	4	2	8	6	2	8	6	2	8	6	2	8	6

CHART #10  
POCKET JAMB (HOOK STRIP) ANCHORS

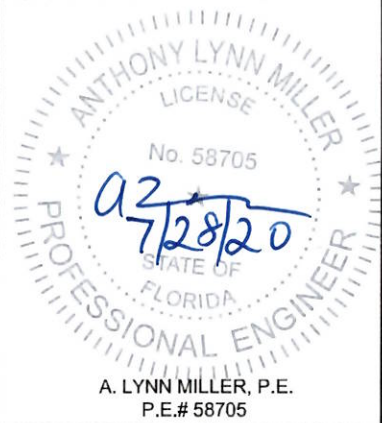
Number of Anchor Locations Required (Single)							
Frame Height (in)	Panel Width (in)						
	24.0	30.0	36.0	42.0	48.0	54.0	60.0
	Hook	Hook	Hook	Hook	Hook	Hook	Hook
82.0	8	8	8	8	8	8	8
84.0	8	8	8	8	8	8	8
96.0	9	9	9	9	9	9	9
98.0	9	9	9	9	9	9	9

NOTE:  
1. TWO (2) ANCHORS PER LOCATION IS REQUIRED. TOTAL NUMBER OF ANCHORS MUST BE TWICE THE NUMBER OF ANCHORS SHOWN IN CHARTS. EXCEPT FOR POCKET JAMB ANCHORS.  
EXAMPLE:  
ANCHORS FOR A UNIT WITH 24" WIDE PANELS AND 98" FRAME HEIGHT (SEE CHARTS #3 AND #10 POCKET JAMB).  
• HEAD INTERMEDIATE ANCHOR LOCATIONS: 1 TOTAL HEAD ANCHORS: 2  
• JAMB ANCHOR LOCATIONS: 8 TOTAL JAMB ANCHORS: 16  
• SILL INTERMEDIATE ANCHOR LOCATIONS: 1 TOTAL SILL ANCHORS: 2  
• ICLUSTER ANCHOR LOCATIONS: 4 TOTAL ICLUSTER ANCHORS: 8  
• POCKET ANCHOR LOCATIONS: 9 TOTAL POCKET ANCHORS: 9

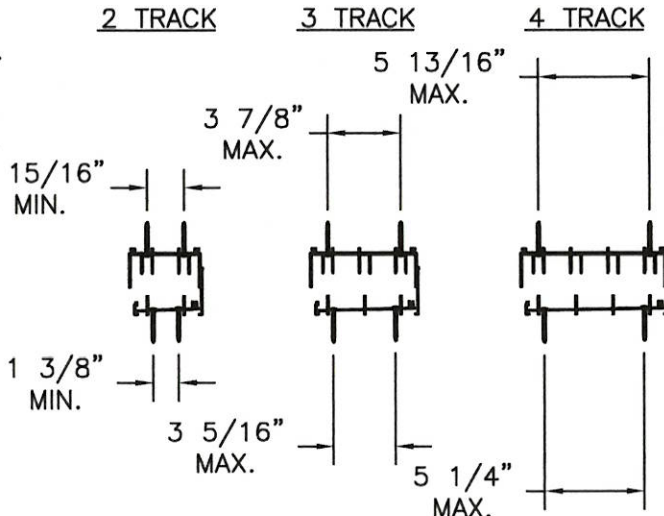
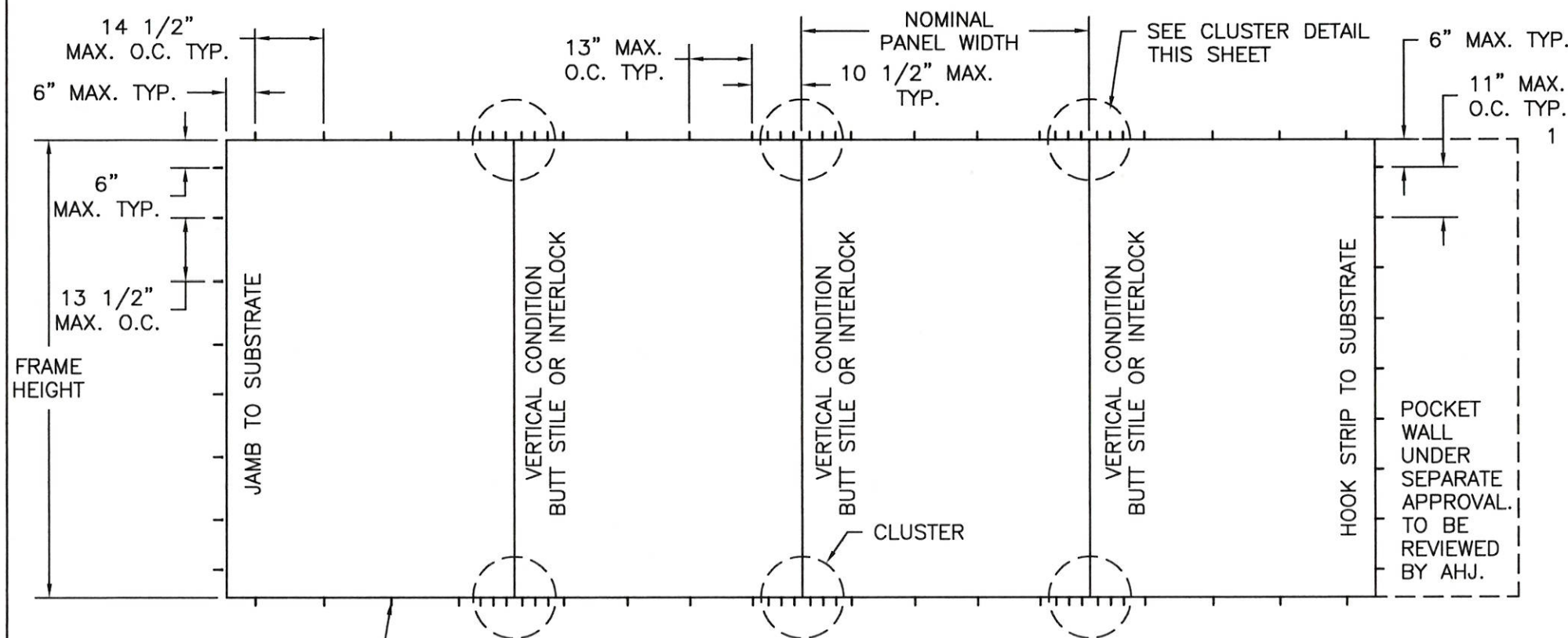
PRODUCT REVISED  
as complying with the Florida  
Building Code  
NOA-No. 20-0806.05  
Expiration Date 06/02/2025  
By Ishag I. Chande  
Miami-Dade Product Control

Revision: NO CHANGES THIS SHEET.  
EK 7/24/20

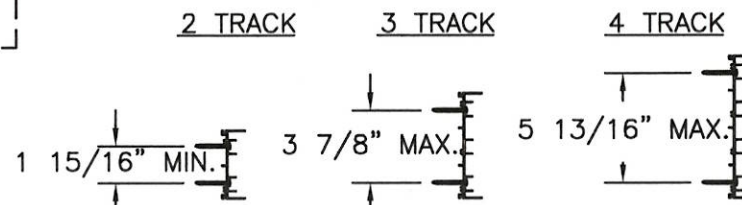
WINDOOR® INCORPORATED		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	
WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432		ALUMINUM SLIDING GLASS DOOR (LM)	
Date		4/03/2020	
By		ALAN KINNE	
DP & ANCHOR CHARTS - 3-1/8" RISER		Brown	
Sheet		6 OF 21	
SGD7000A		Dwg No.	
SGD7000LMI-NOA		Rev.	
A			







ANCHORAGE LOCATIONS NON-REINFORCED AND REINFORCED AT HEAD AND SILL.  
(FOR FURTHER DETAILS SEE SHEETS 16-18)



ANCHORAGE LOCATIONS NON-REINFORCED AND REINFORCED AT JAMBS.  
(FOR FURTHER DETAILS SEE SHEETS 16-18)

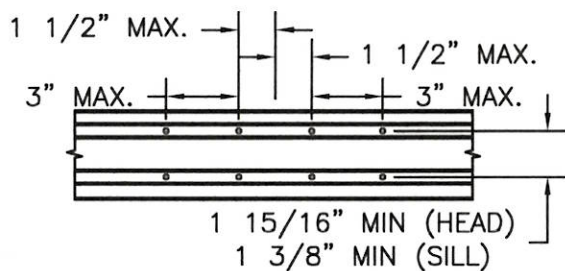


ANCHORAGE LOCATIONS NON-REINFORCED & REINFORCED AT HOOK STRIP  
(FOR FURTHER DETAILS SEE SHEET 19)

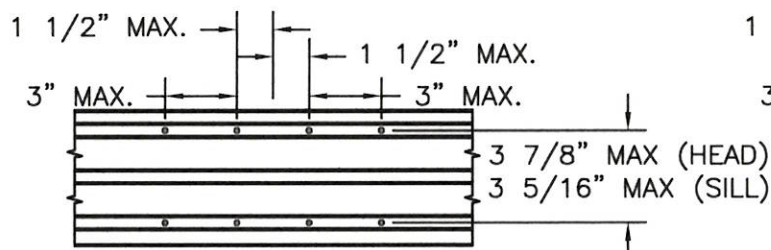
TWO (2) INSTALLATION ANCHORS PER LOCATION (EXCEPT HOOK STRIP) SEE NOTE 9 SHEET 1, TYP. HEAD, SILL & JAMBS

### ANCHORING LAYOUT NON-REINFORCED & REINFORCED UNITS

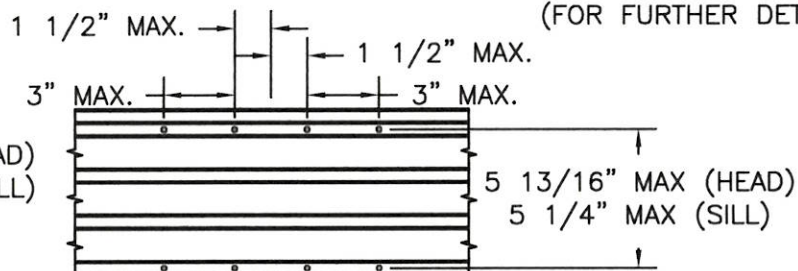
4 PANEL UNIT SHOWN, APPLICABLE TO ALL CONFIGURATIONS USING THE SAME ANCHOR CLUSTER AND PATTERN



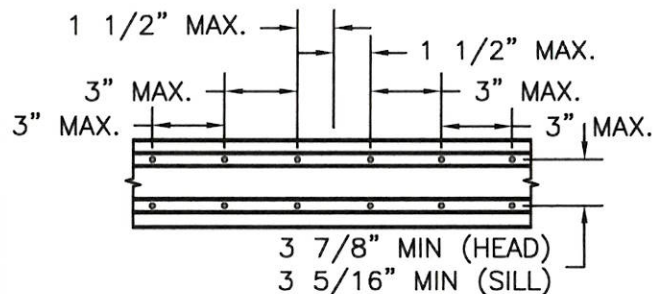
4 CLUSTER DETAIL  
2-TRACK HEAD & SILL



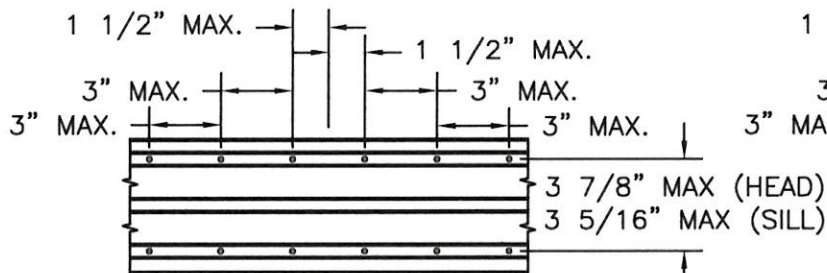
4 CLUSTER DETAIL  
3-TRACK HEAD & SILL



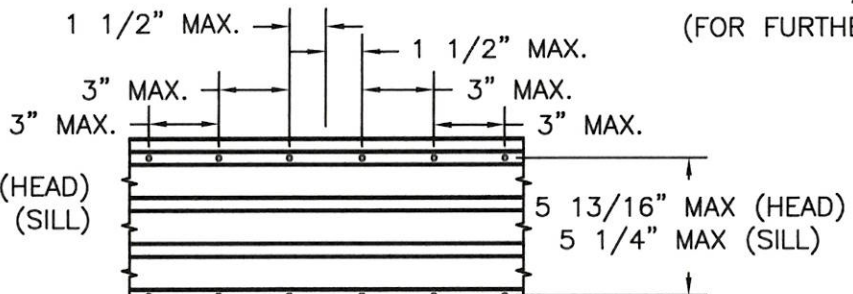
4 CLUSTER DETAIL  
4-TRACK HEAD & SILL



6 CLUSTER DETAIL  
2-TRACK HEAD & SILL



6 CLUSTER DETAIL  
3-TRACK HEAD & SILL



6 CLUSTER DETAIL  
4-TRACK HEAD & SILL

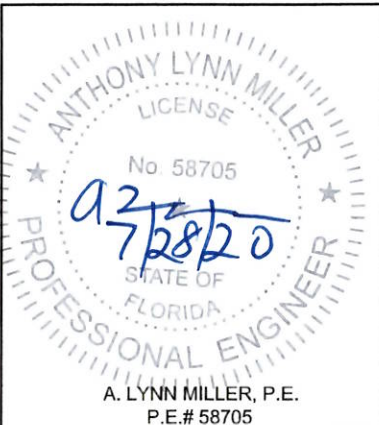
#### ANCHOR QUANTITIES:

1. HOOKSTRIP - SEE CHART #10, SHEET 6.
2. JAMBS, H/S INTERMEDIATE & H/S CLUSTER - SEE CHARTS #3, #6 & #9 ON SHEETS 5-6.

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 20-0806.05  
Expiration Date 06/02/2025  
By *Shay L. Chandra*  
Miami-Dade Product Control

NO CHANGES THIS SHEET.  
EK 7/24/20

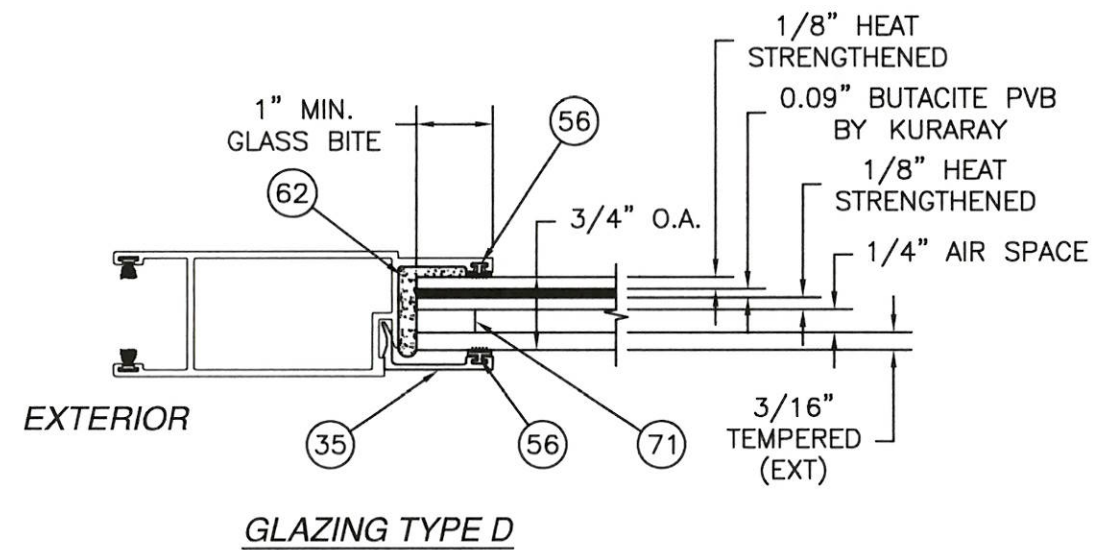
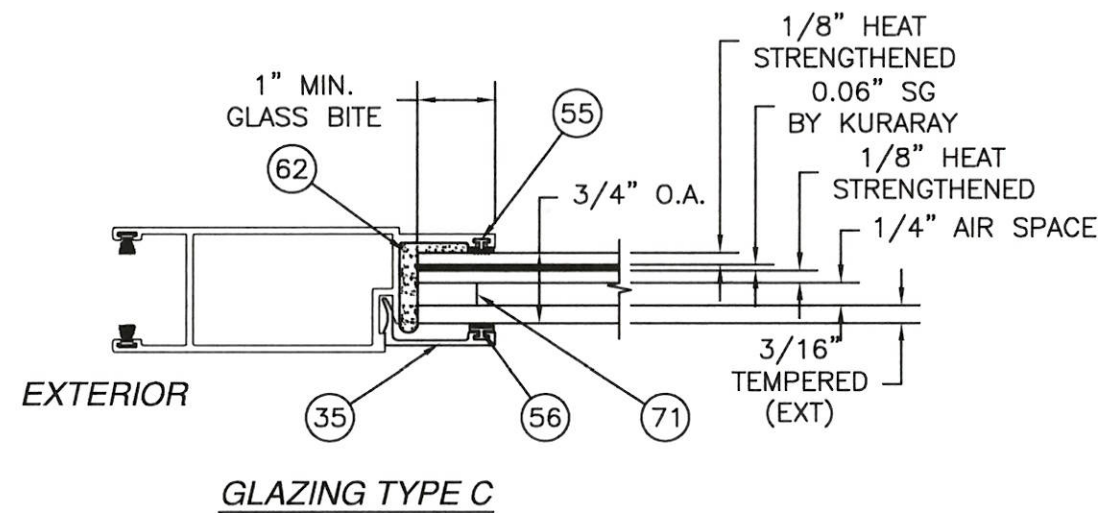
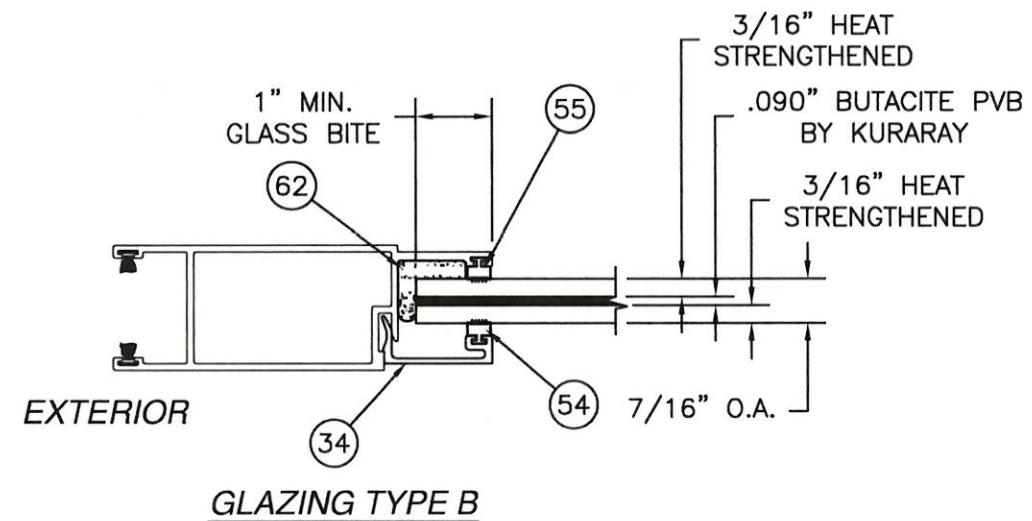
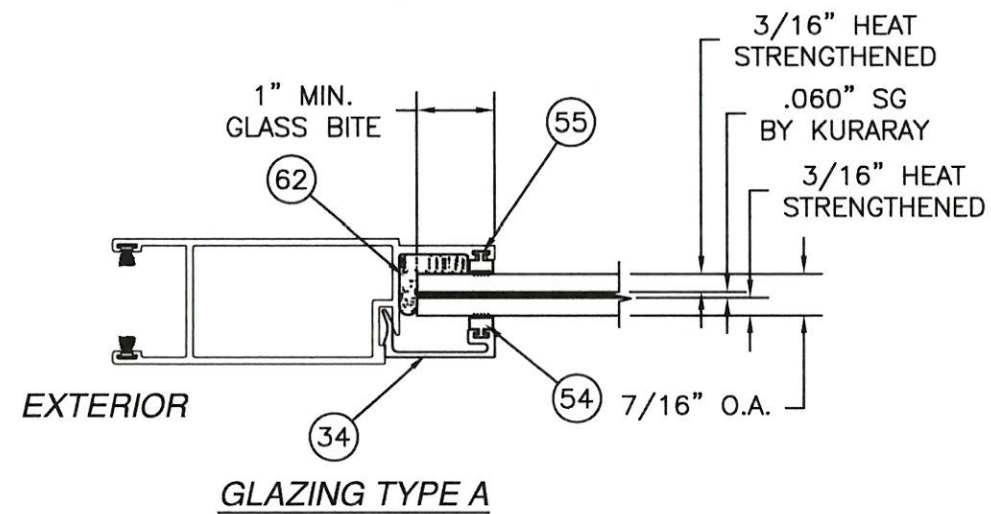
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	Date	4/03/2020	Rev	A
	By	ALAN KINNE	DWG	SGD7000LMI-NOA
	Sheet	7 OF 21	No.	SGD7000A
	Title	ALUMINUM SLIDING GLASS DOOR (LM)	Desc.	ANCHORAGE DETAILS







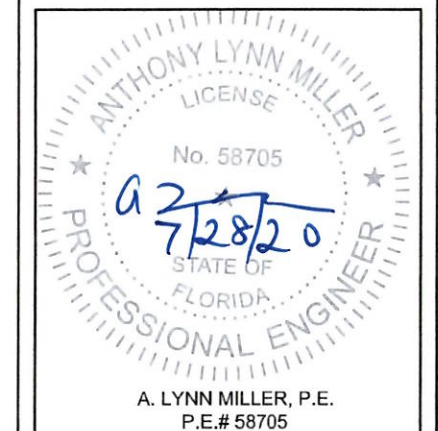




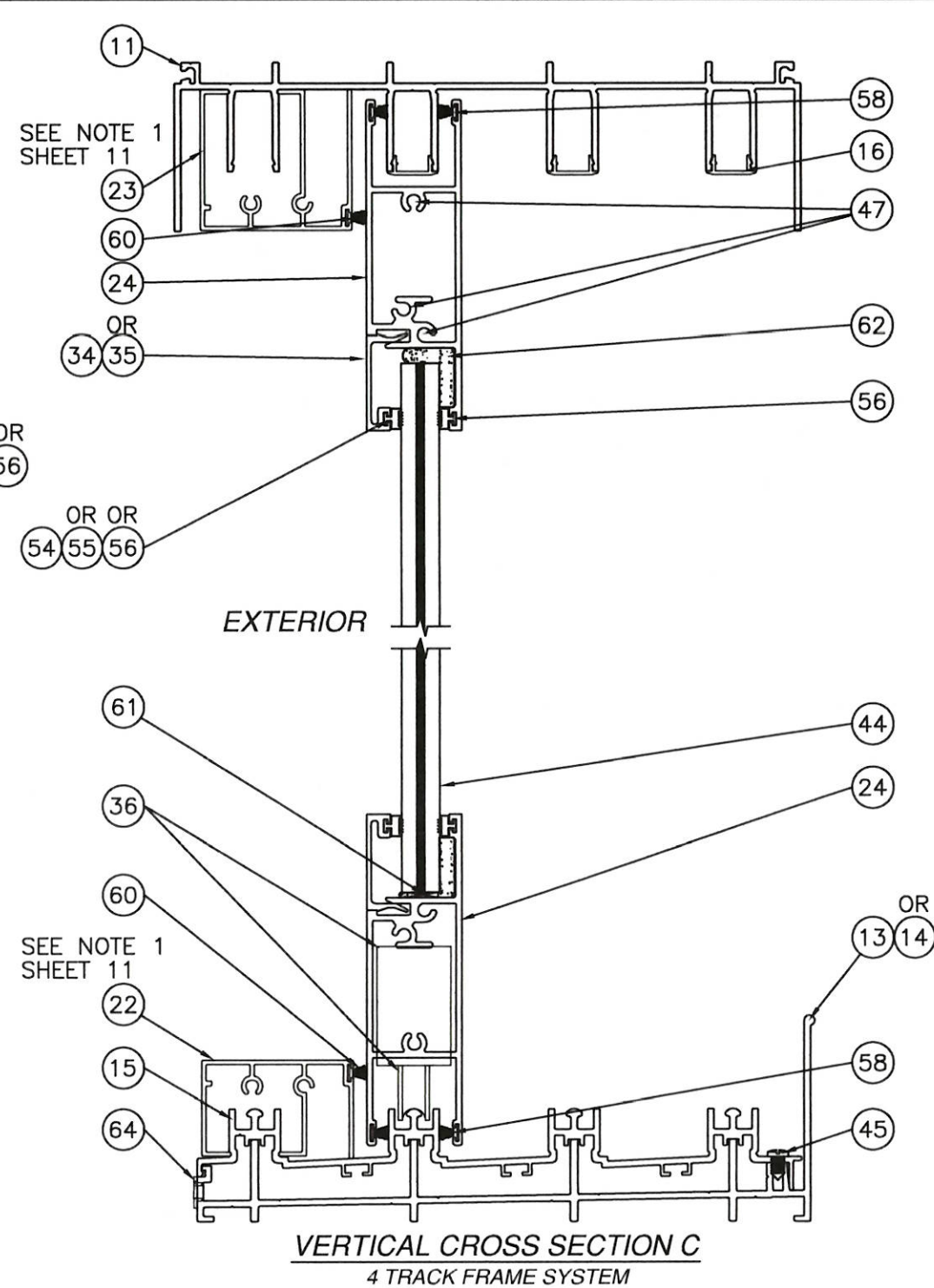
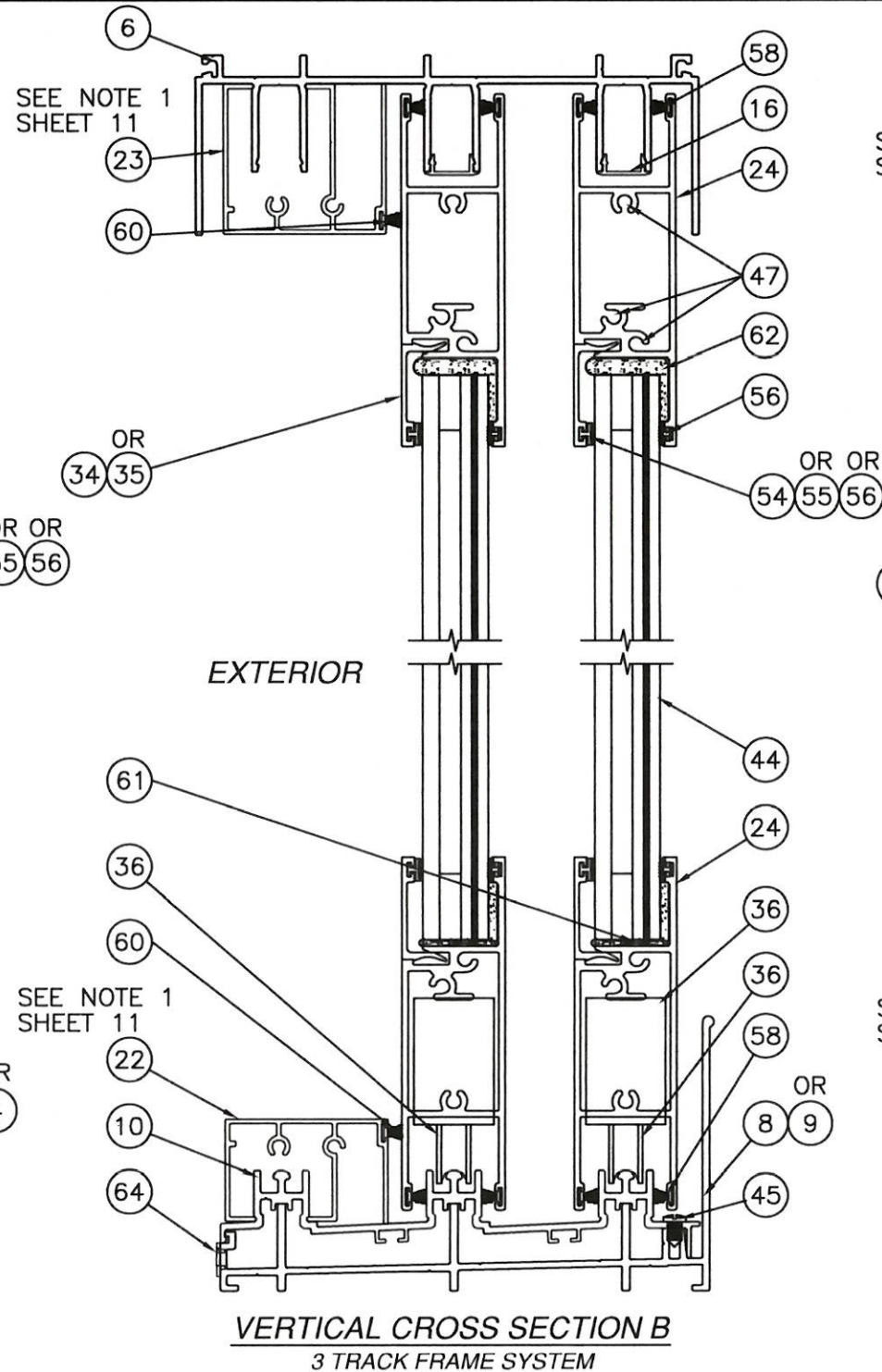
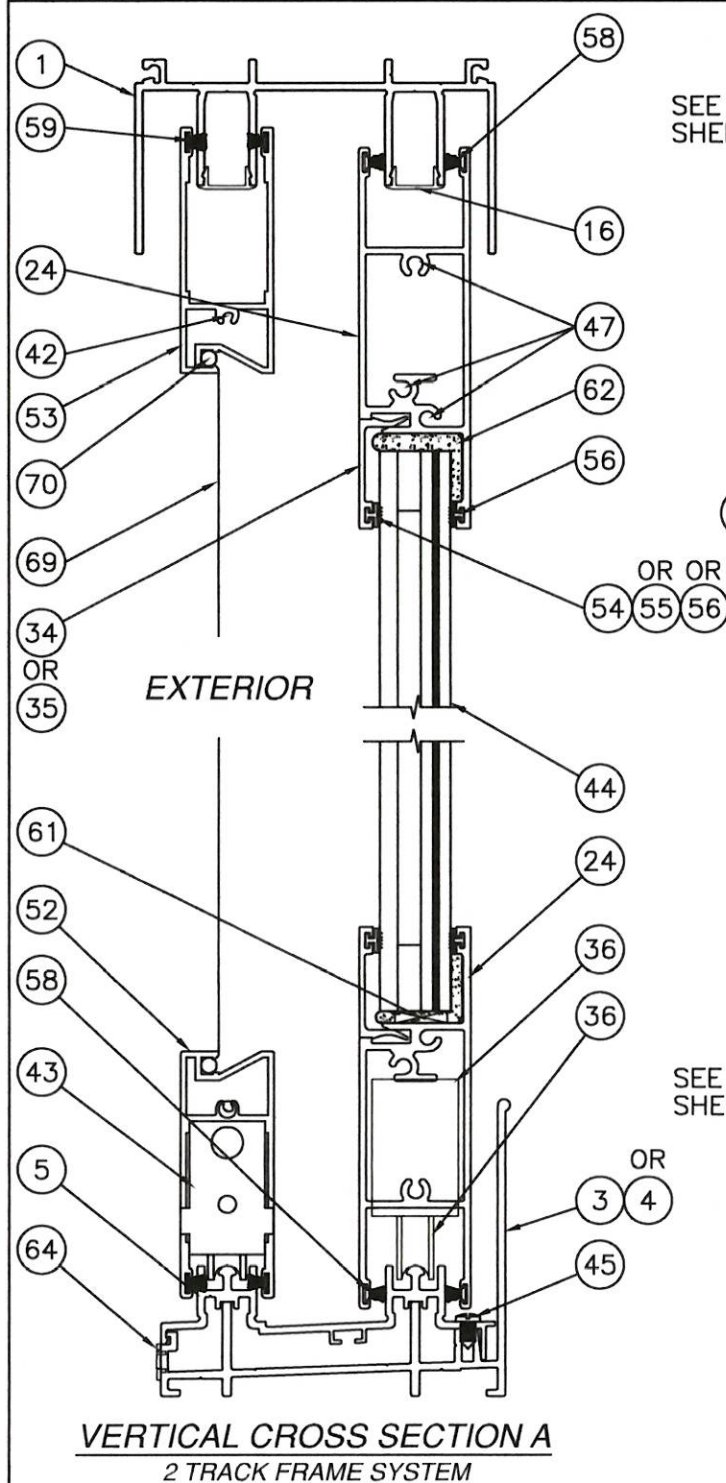
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0806.05  
Expiration Date 06/02/2025  
By *Isaac I. Chandra*  
Miami-Dade Product Control

Revision: NO CHANGES THIS SHEET.  
EK 7/24/20

<div>WINDOOR®</div> <div>INCORPORATED</div>		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 (LM)		Date	4/03/2020
GLAZING DETAILS		Drawn By	ALAN KINNE		
SGD7000A	9 OF 21	Sheet	DWG No.	SGD7000LM-NOA	
Series Desc.	Title	Rev.			
		A			







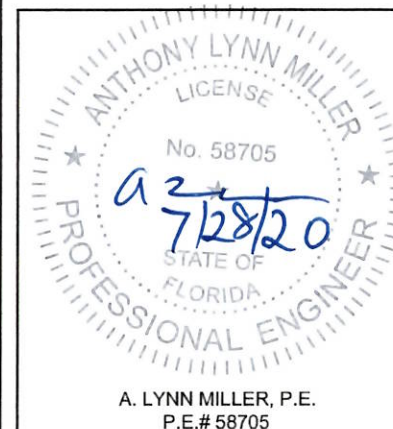
**NOTES:**

1. THE WS SCREEN IS SHOWN IN THE 2 TRACK UNIT AS APPLICABLE AT EXTERIOR TRACK. IT IS QUALIFIED TO BE INSTALLED ON THE 3 TRACK AND 4 TRACK UNITS ALSO.
2. SEE SHEETS 16-18 FOR TYPICAL ANCHORAGE TO VARIOUS SUBSTRATES.

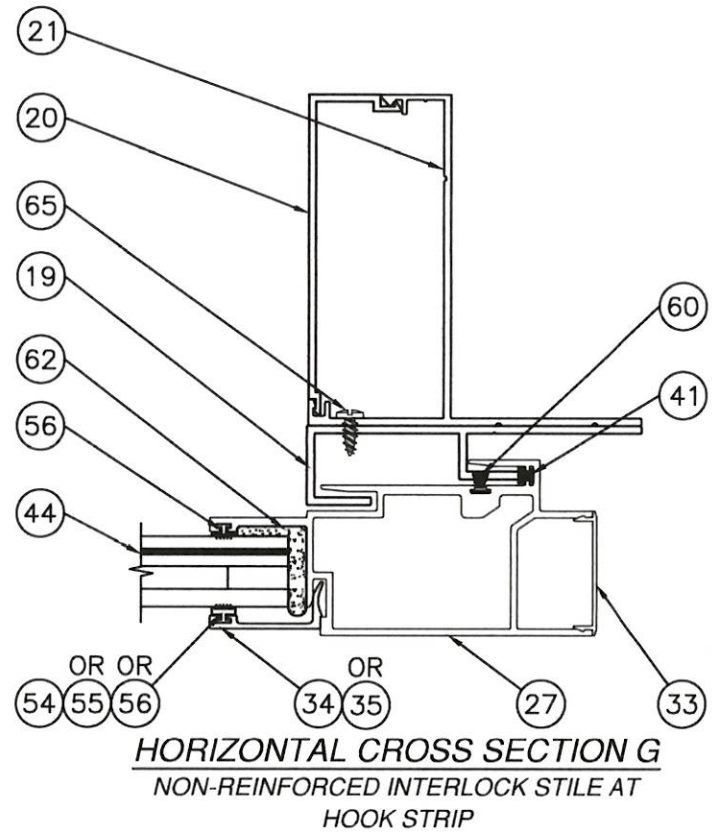
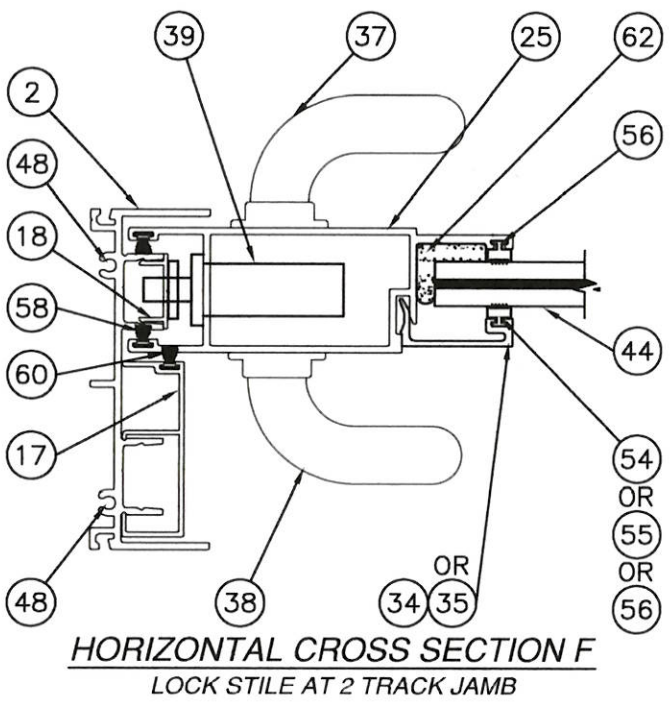
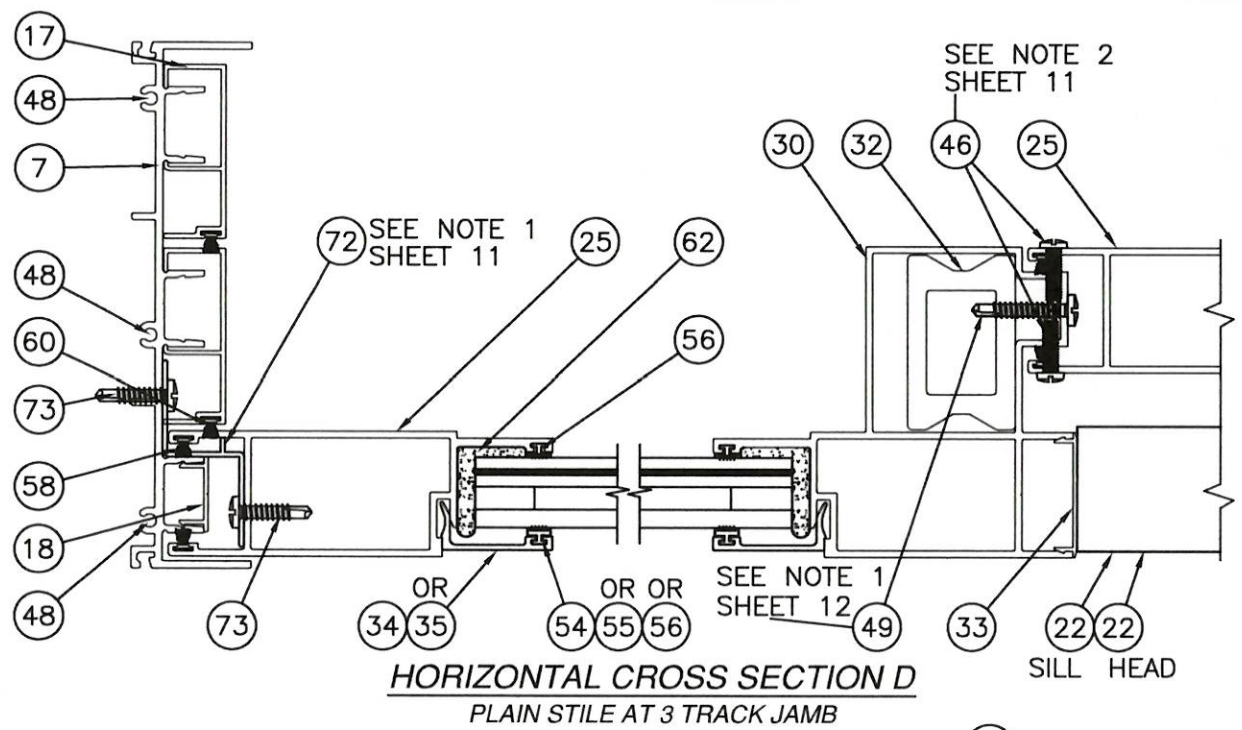
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0806.05  
Expiration Date 06/02/2025  
By *Isheq I. Chanda*  
Miami-Dade Product Control

Revision: NO CHANGES THIS SHEET.  
EK 7/24/20

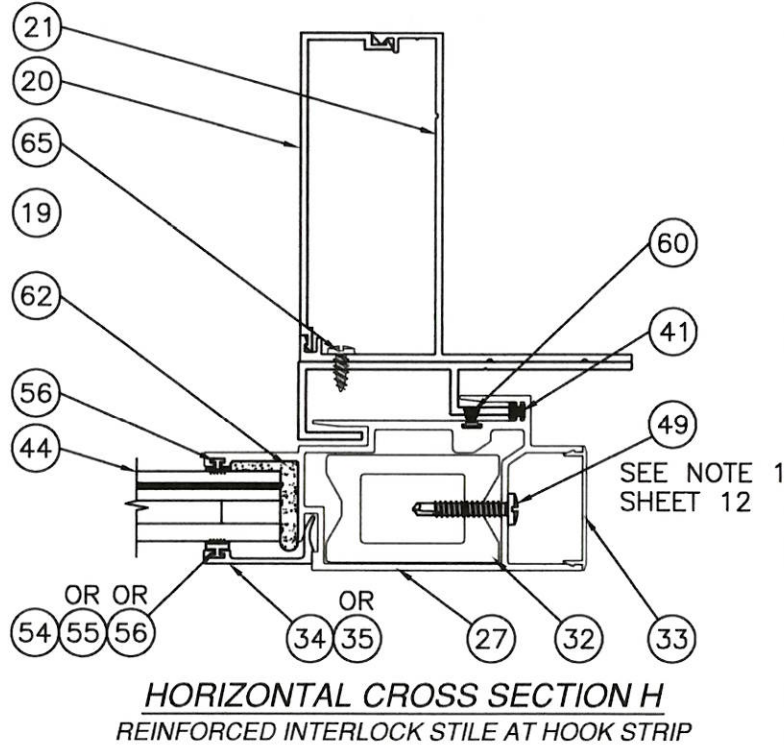
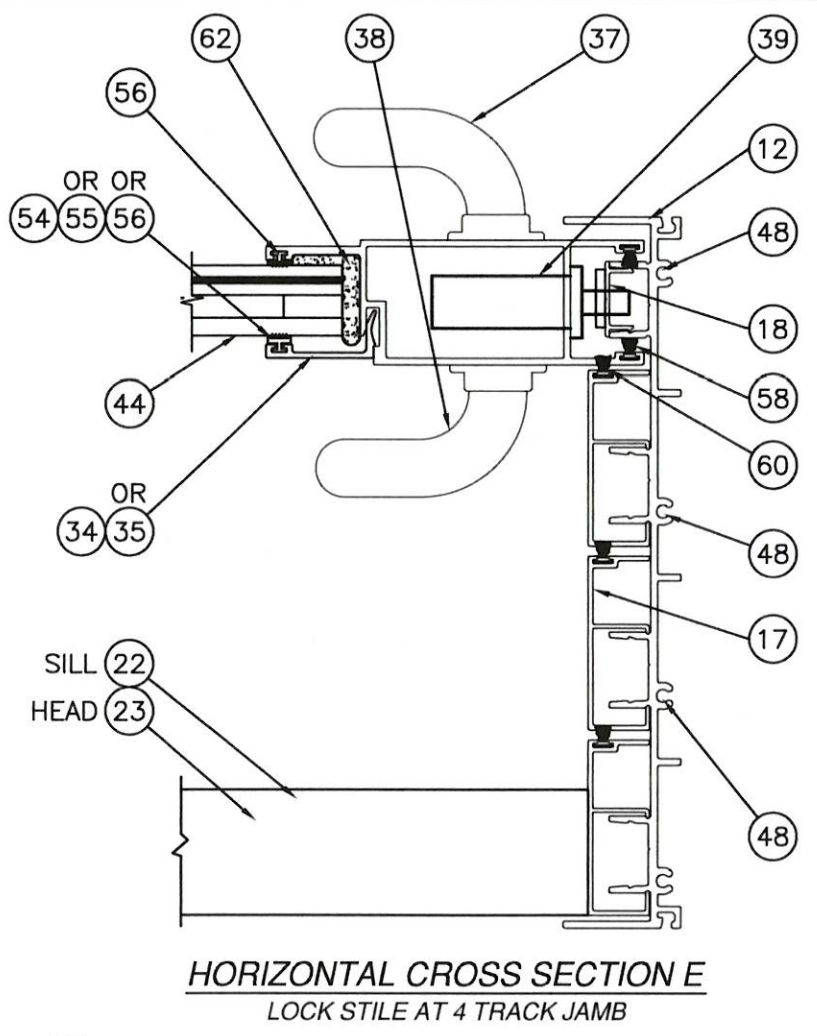
<b>WINDOOR®</b> INCORPORATED WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	Date	4/03/2020	Rev.	A
		By	ALAN KINNE	DWG No.	SGD7000LMI-NOA
Series	Desc.	Title	10 OF 21	Sheet	SGD7000A
ALUMINUM SLIDING GLASS DOOR (LM)					
SECTION VIEWS - VERTICAL					







NON-REINFORCED/  
REINFORCED UNITS  
OPERABLE JAMB CONDITION



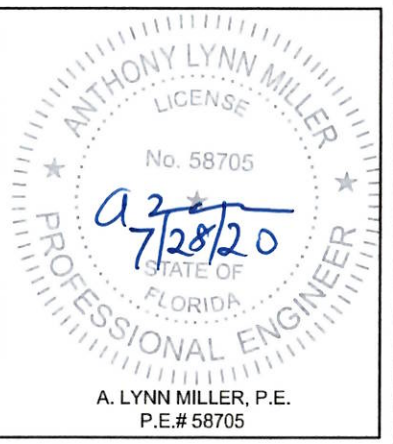
- NOTES:
- FIXED PANEL TO JAMB CONDITION:**  
FIXED PANEL IS SECURED TO JAMB USING (2) Z-CLIPS, ITEM #72, Z-CLIPS ARE LOCATED 24" FROM TOP OF PANEL DOWN AND 24" FROM BOTTOM OF PANEL UP. EACH Z-CLIP IS ATTACHED TO PANEL AND JAMB WITH (3) #10 x 3/4" PPH TEK SCREWS, ITEM #73. REFER TO SHEET 11 SECTION D AND FIXED PANEL STOPS, SILL COVER (ITEM #22) & HEAD COVER (ITEM #23) AND SHEET 14 AND SECTION Z.
  - FIXED PANEL TO FIXED PANEL CONDITION:**  
FIXED PANELS ARE SECURED TOGETHER USING #8 x 3/4" PH TEK SCREW, ITEM #46, SCREWS ARE INSTALLED ON PANELS INTERIOR AND EXTERIOR AND ARE LOCATED 4" FROM TOP AND BOTTOM AND IN THE CENTER. REFER TO SHEET 11 SECTION D, AND FIXED PANEL STOPS, SILL COVER (ITEM #22) & HEAD COVER (ITEM #23) SHEET 12 SECTION O, SHEET 13 SECTION U, SHEET 14 SECTION CC AND DD.
  - SEE SHEETS 16-18 FOR TYPICAL ANCHORAGE TO VARIOUS SUBSTRATES.

EXTERIOR  
↓

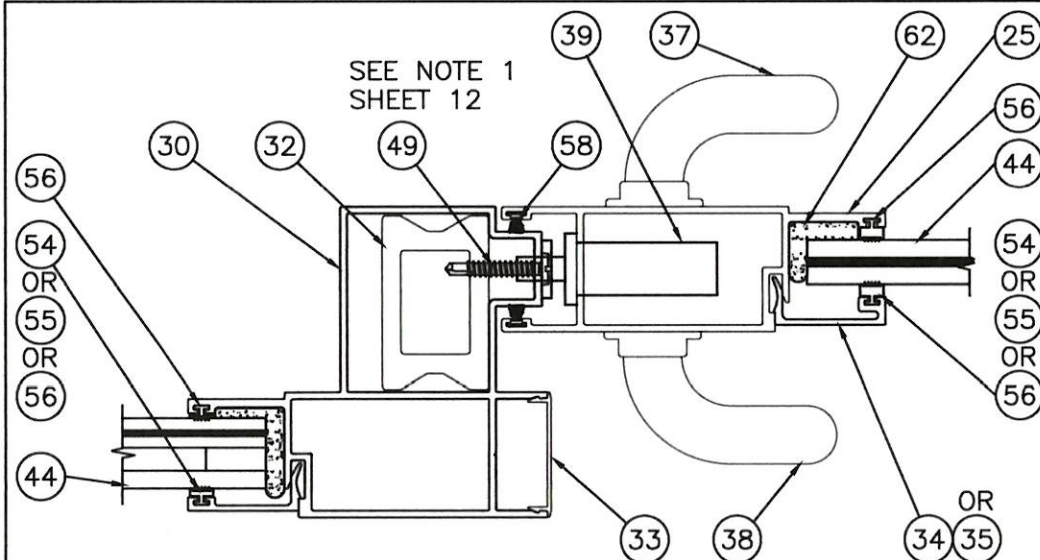
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0806.05  
Expiration Date 06/02/2025  
By *Ishag I. Chank*  
**Miami-Dade Product Control**

Revision:  
NO CHANGES THIS SHEET.  
EK 7/24/20

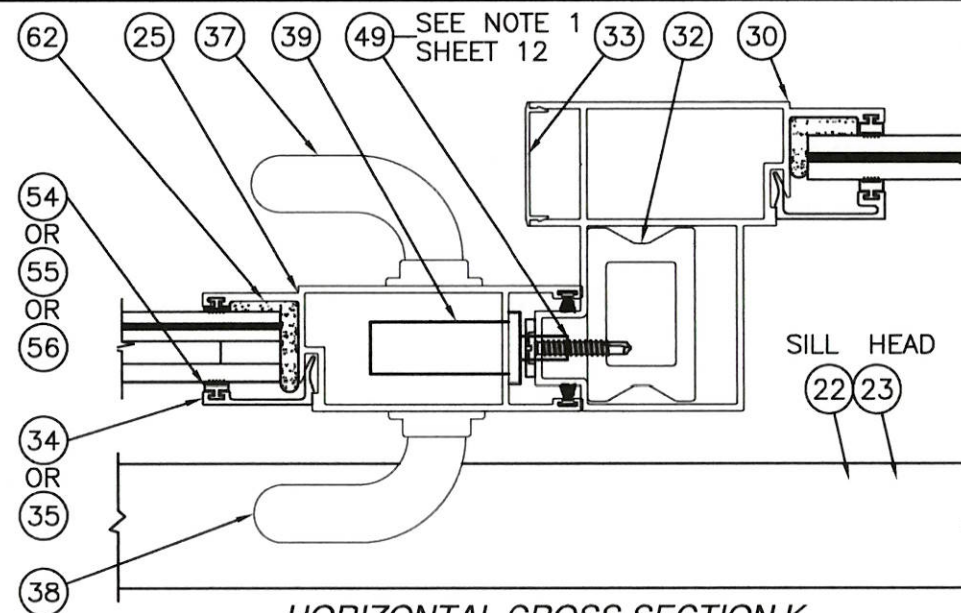
<b>WINDOOR®</b> INCORPORATED WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	ALUMINUM SLIDING GLASS DOOR (LM)	Drawn By <b>ALAN KINNE</b>	Date 4/03/2020	Rev.	A
					DWG	SGD7000LM-NOA
					Sheet	11 OF 21
					Series Desc.	SGD7000A



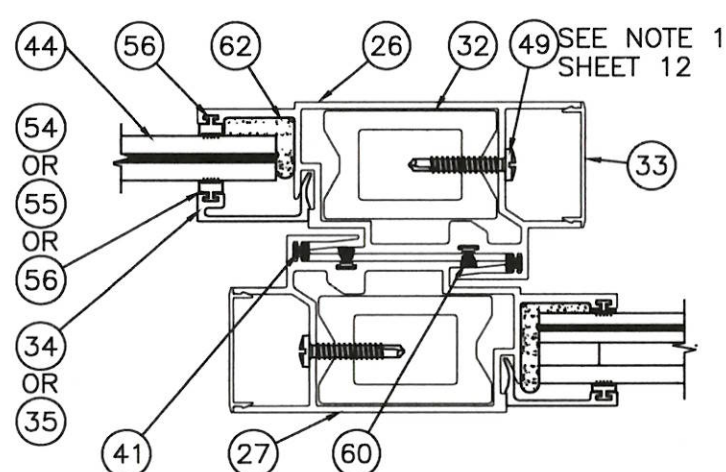




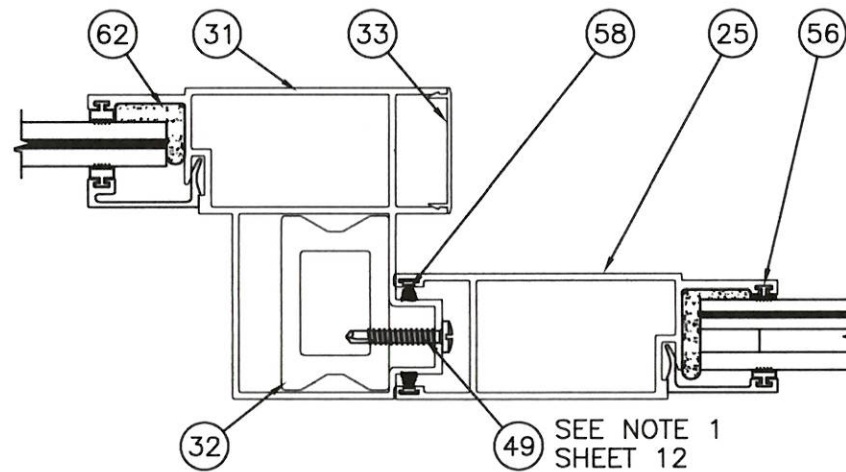
**HORIZONTAL CROSS SECTION J**  
REINFORCED INTERIOR FIXED BUTT STILE TO LOCK STILE



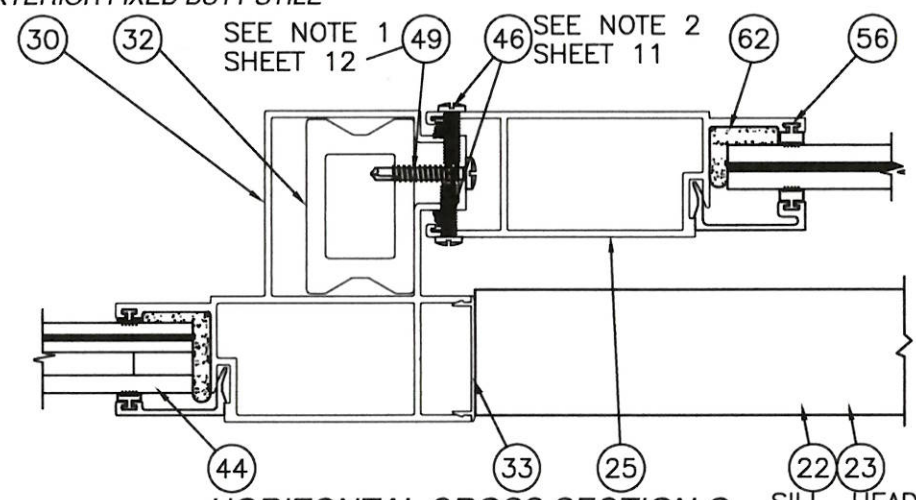
**HORIZONTAL CROSS SECTION K**  
LOCK STILE TO REINFORCED EXTERIOR FIXED BUTT STILE



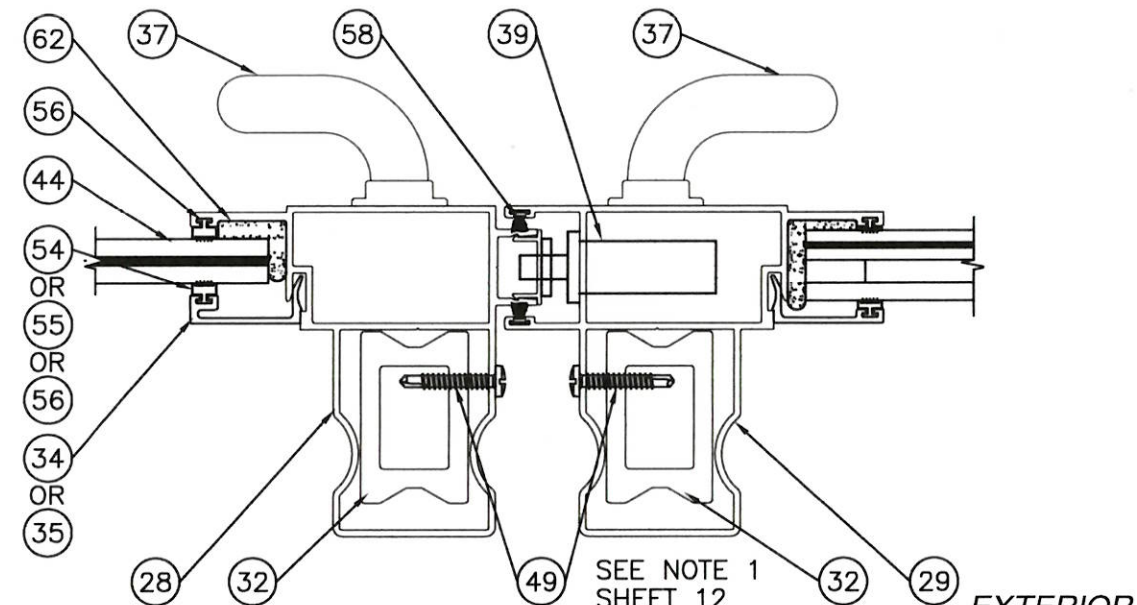
**HORIZONTAL CROSS SECTION L**  
REINFORCED INTERLOCK STILE TO REINFORCED INTERLOCK STILE



**HORIZONTAL CROSS SECTION M**  
REINFORCED EXTERIOR FIXED BUTT STILE TO PLAIN STILE



**HORIZONTAL CROSS SECTION O**  
REINFORCED INTERIOR FIXED BUTT STILE TO PLAIN STILE



**HORIZONTAL CROSS SECTION N**  
REINFORCED MALE BUTT STILE TO REINFORCED LOCKING BUTT STILE

**NOTES:**

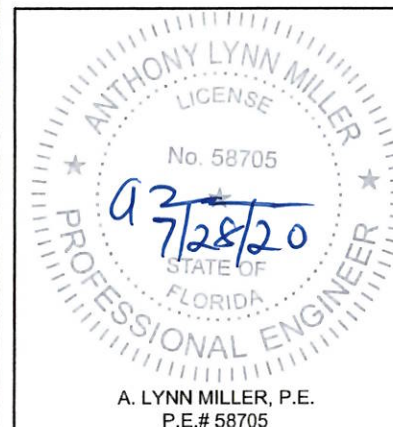
- REINFORCING BAR:**  
ITEM #32, INTERLOCK REINFORCING BAR, IS SECURED TO THE INTERLOCK LEFT #26, INTERLOCK RIGHT #27, MALE BUTT STILE #28, LOCKING BUTT STILE #29 INTERIOR FIXED BUTT STILE #30 AND EXTERIOR FIXED BUTT STILE #31 WITH ITEM #49, #10 x 1" TEK SCREW SPACED 6" FROM TOP AND BOTTOM AND ONE IN THE CENTER.
- SEE SHEETS 16-18 FOR TYPICAL ANCHORAGE TO VARIOUS SUBSTRATES.

**REINFORCED UNITS**

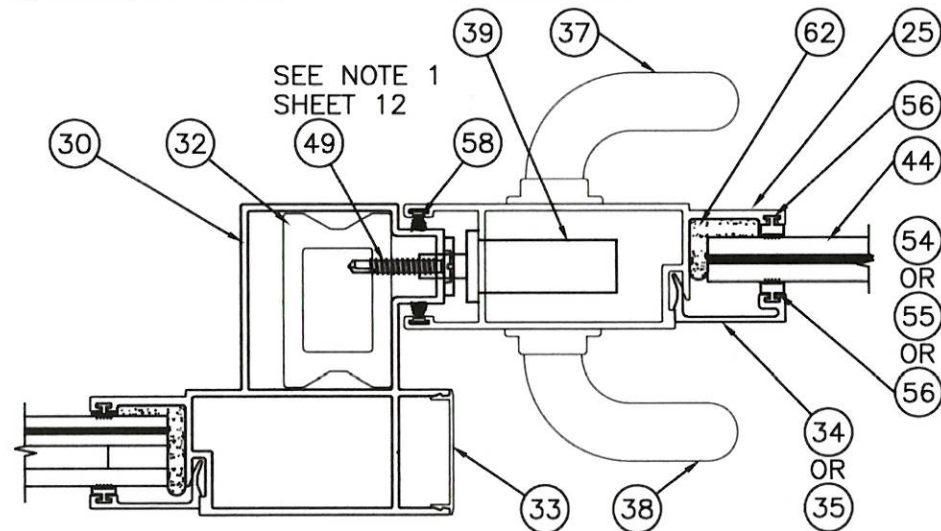
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0806.05  
Expiration Date 06/02/2025  
By *Ishag I. Chande*  
Miami-Dade Product Control

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EK 7/24/20

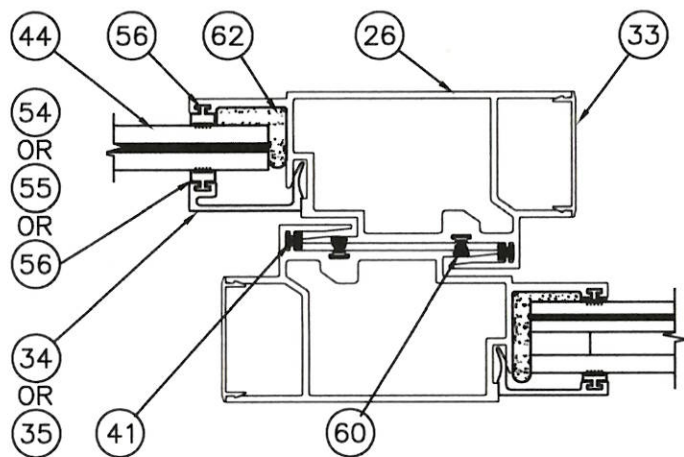
<div>WINDOOR® INCORPORATED</div> <div>WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432</div>		<div>PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296</div>		<div>4/03/2020 Date</div>		<div>Rev. A</div>
		ALUMINUM SLIDING GLASS DOOR (LM)		<div>ALAN KINNE By</div>		
		SECTION VIEWS - HORIZONTAL		<div>DWG No.</div>		
<div>SGD7000A</div>		12 OF 21		<div>SGD7000LM-NOA</div>		



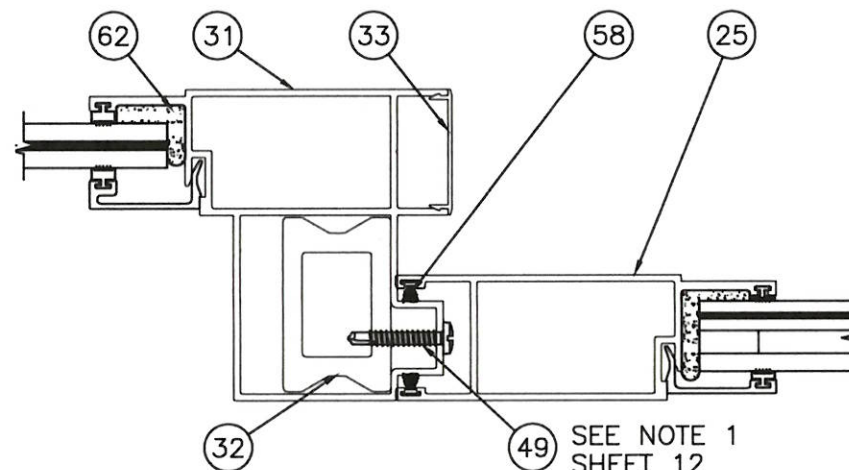




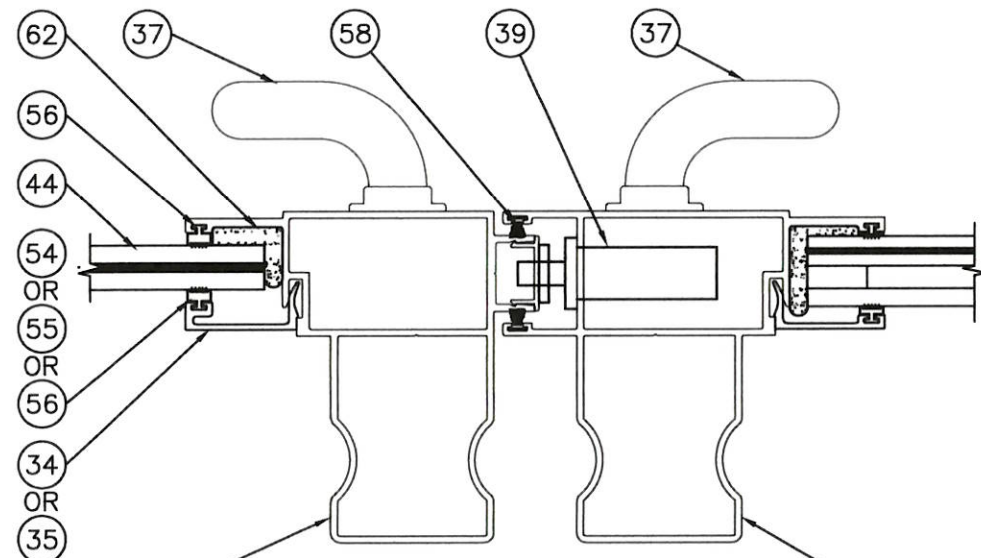
**HORIZONTAL CROSS SECTION P**  
NON-REINFORCED INTERIOR FIXED BUTT STILE TO LOCK STILE



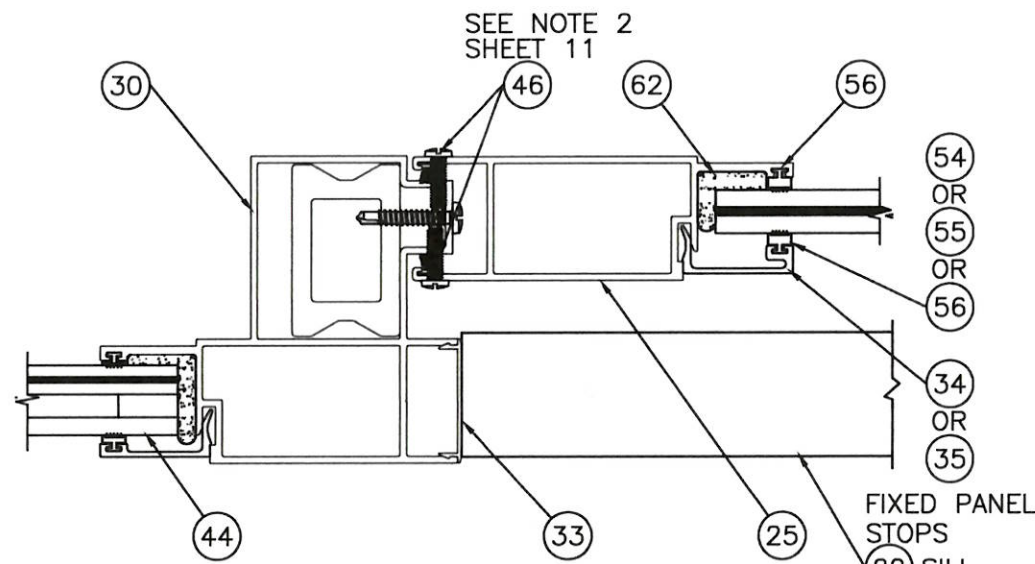
**HORIZONTAL CROSS SECTION R**  
NON-REINFORCED INTERLOCK STILE TO  
NON-REINFORCED INTERLOCK STILE



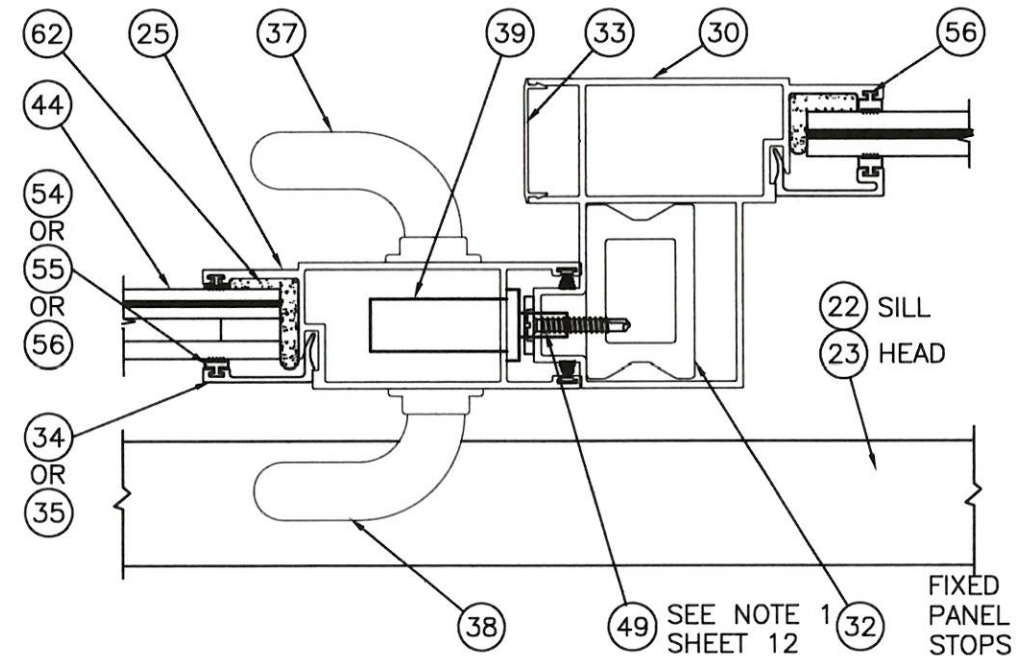
**HORIZONTAL CROSS SECTION S**  
NON-REINFORCED EXTERIOR FIXED BUTT STILE TO PLAIN STILE



**HORIZONTAL CROSS SECTION T**  
NON-REINFORCED MALE BUTT STILE TO NON-REINFORCED LOCKING  
BUTT STILE



**HORIZONTAL CROSS SECTION U**  
NON-REINFORCED INTERIOR FIXED BUTT STILE TO PLAIN STILE



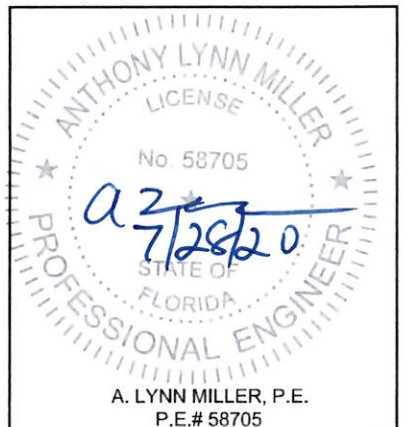
**HORIZONTAL CROSS SECTION Q**  
LOCK STILE TO NON-REINFORCED EXTERIOR FIXED BUTT STILE

EXTERIOR  
↓

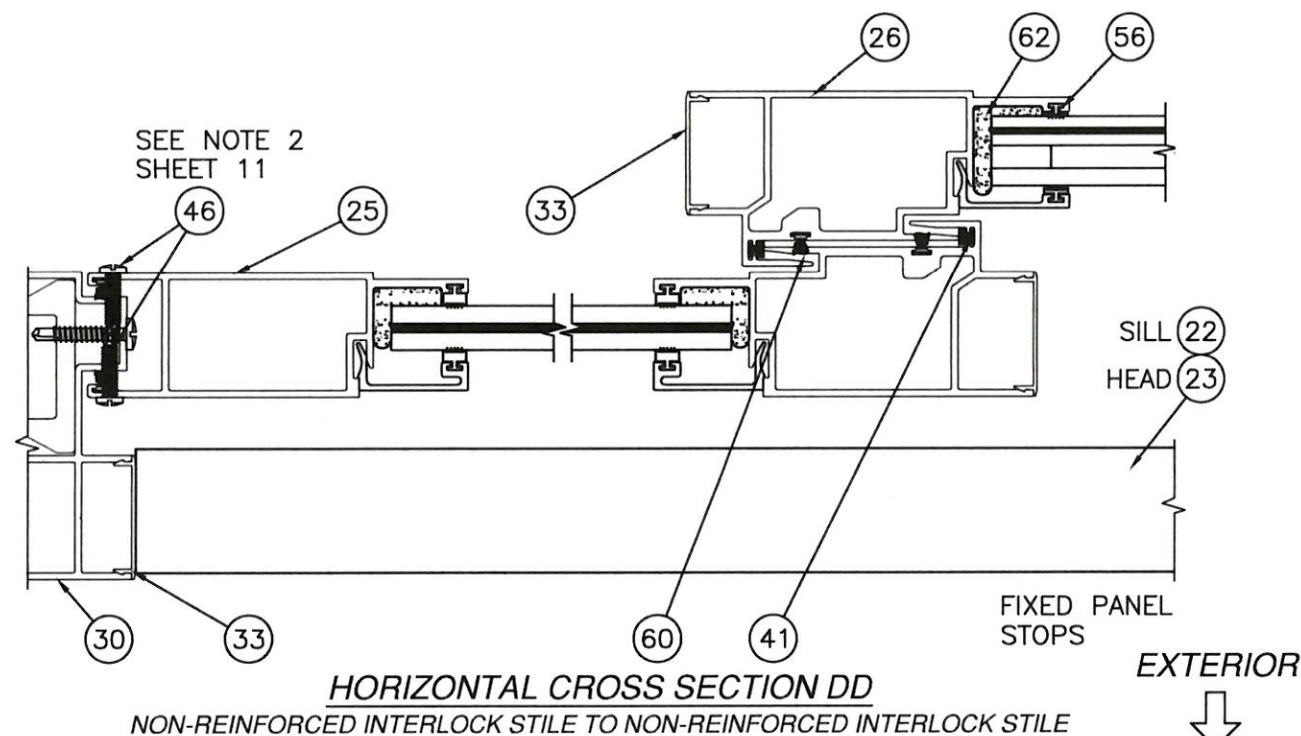
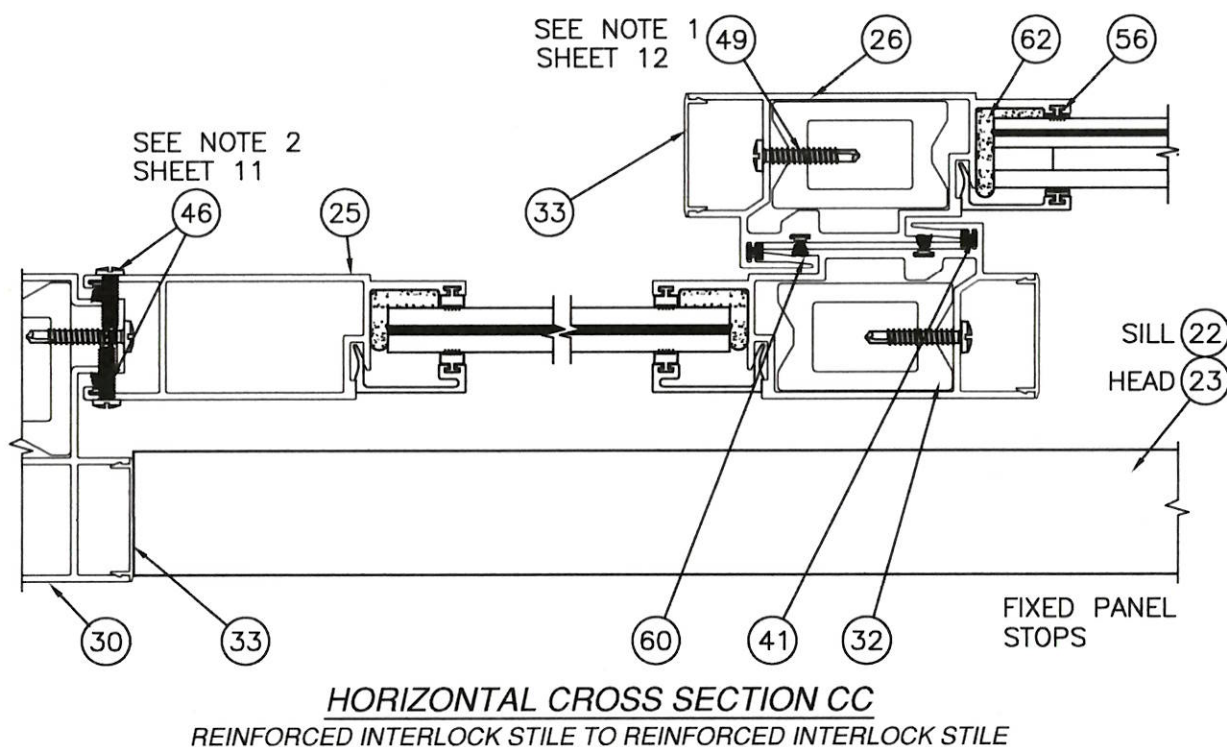
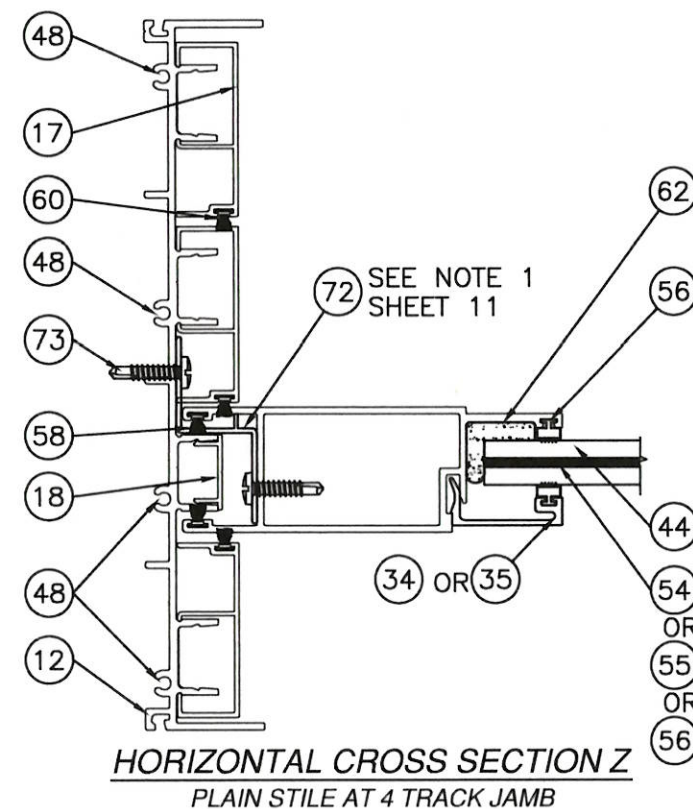
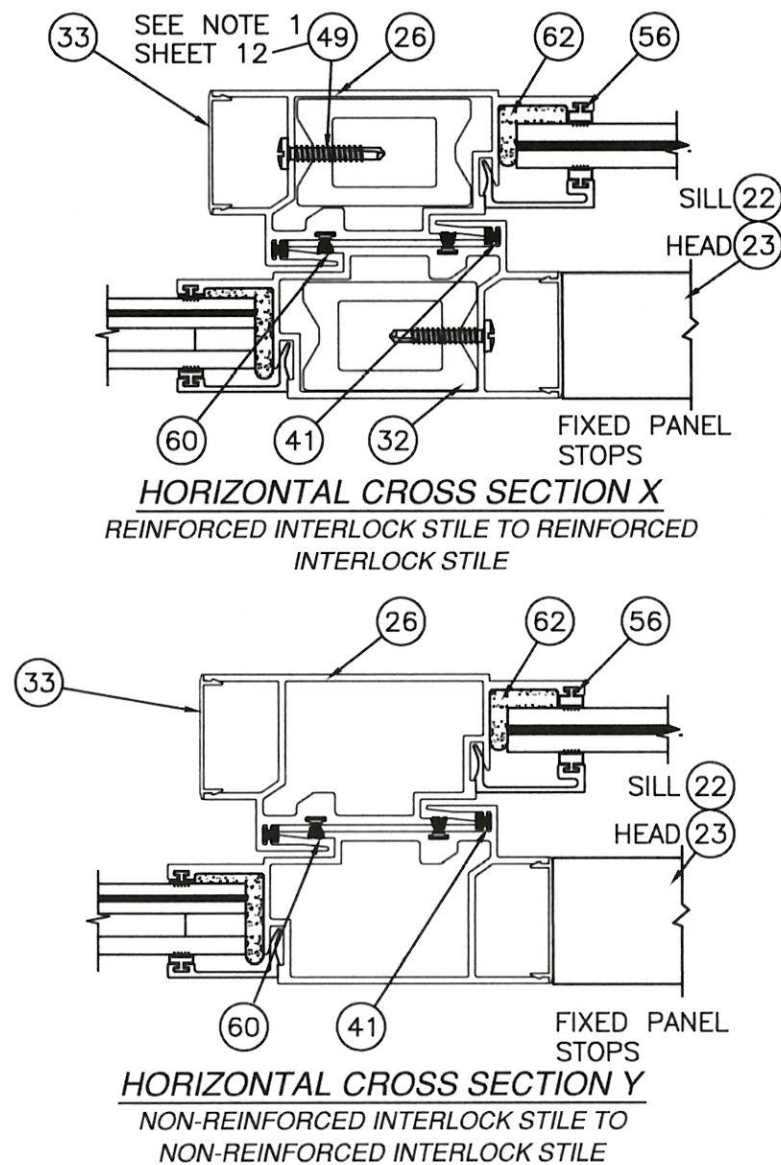
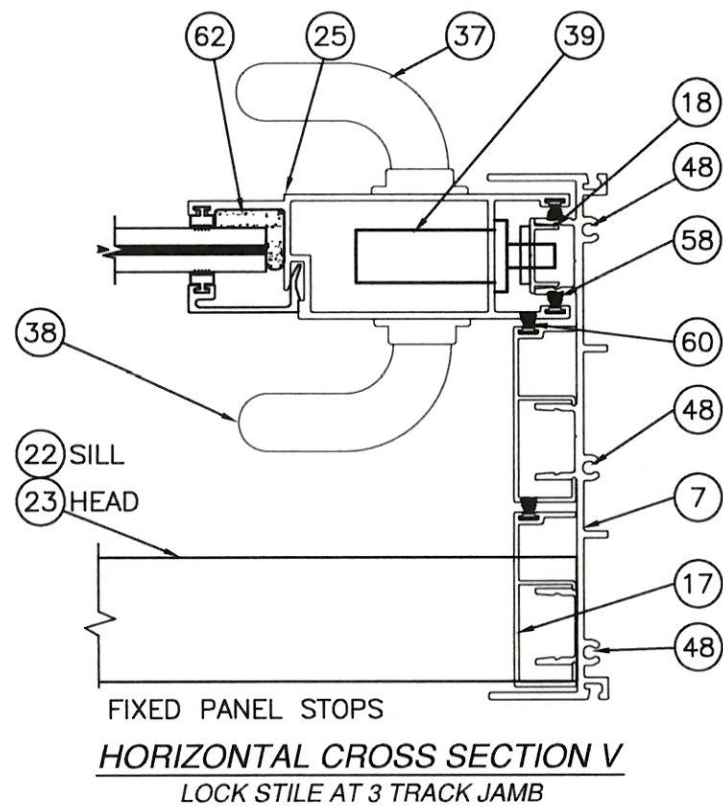
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0806.05  
Expiration Date 06/02/2025  
By Ishay I. Chandra  
Miami-Dade Product Control

NO CHANGES THIS SHEET.  
EK 7/24/20

<b>WinDoor®</b> INCORPORATED WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296		4/03/2020 Date	A Rev.
	ALUMINUM SLIDING GLASS DOOR (LM)		ALAN KINNE By	SGD7000LMI-NOA DWG No.
	SECTION VIEWS - HORIZONTAL		13 OF 21 Sheet	SGD7000A Series
	TITLE		13 OF 21	



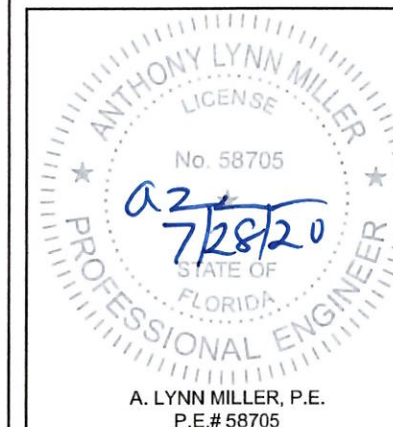




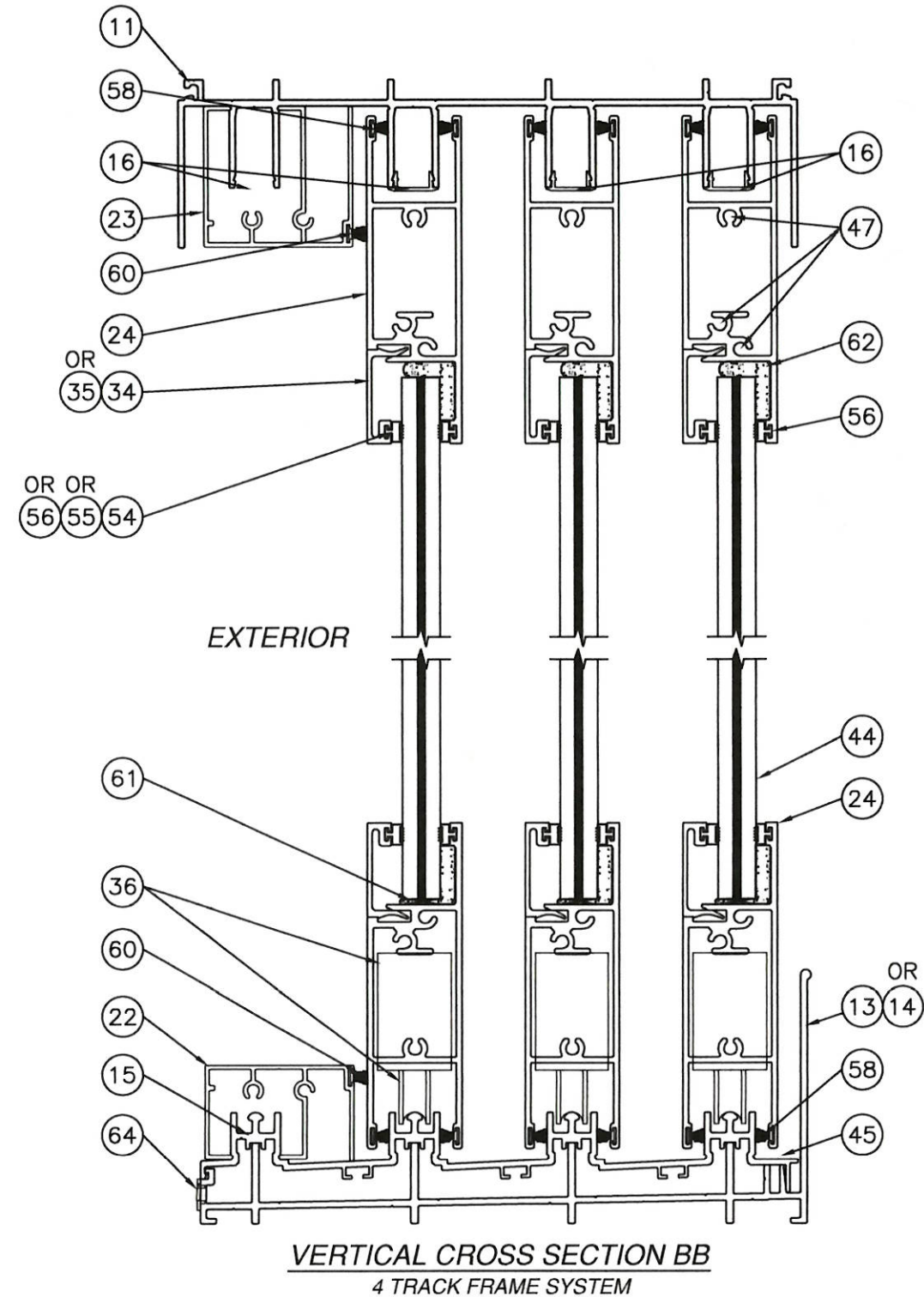
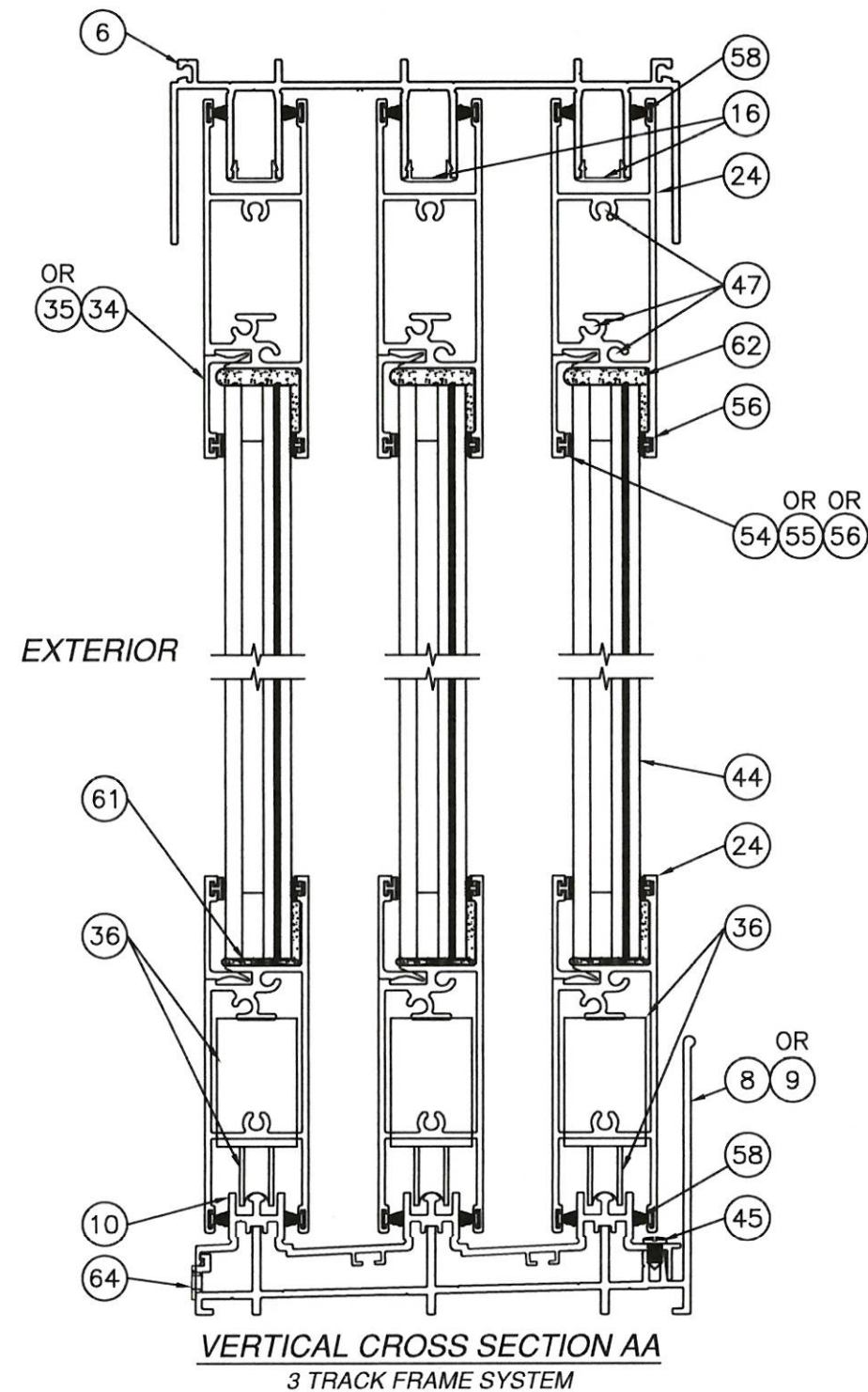
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0806.05  
Expiration Date 06/02/2025  
By *Ismael L. Chank*  
Miami-Dade Product Control

Revision: NO CHANGES THIS SHEET.  
EK 7/24/20

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 (LM)	
SECTION VIEWS - HORIZONTAL		Date 4/03/2020	
SGD7000A		Drawn By ALAN KINNE	
14 OF 21		DWG No. SGD7000LMI-NOA	
Sheet		Rev. A	





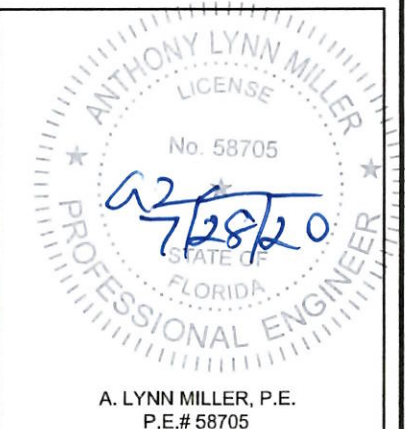


NOTES:  
1. SEE SHEETS 16-18 FOR TYPICAL ANCHORAGE TO VARIOUS SUBSTRATES.

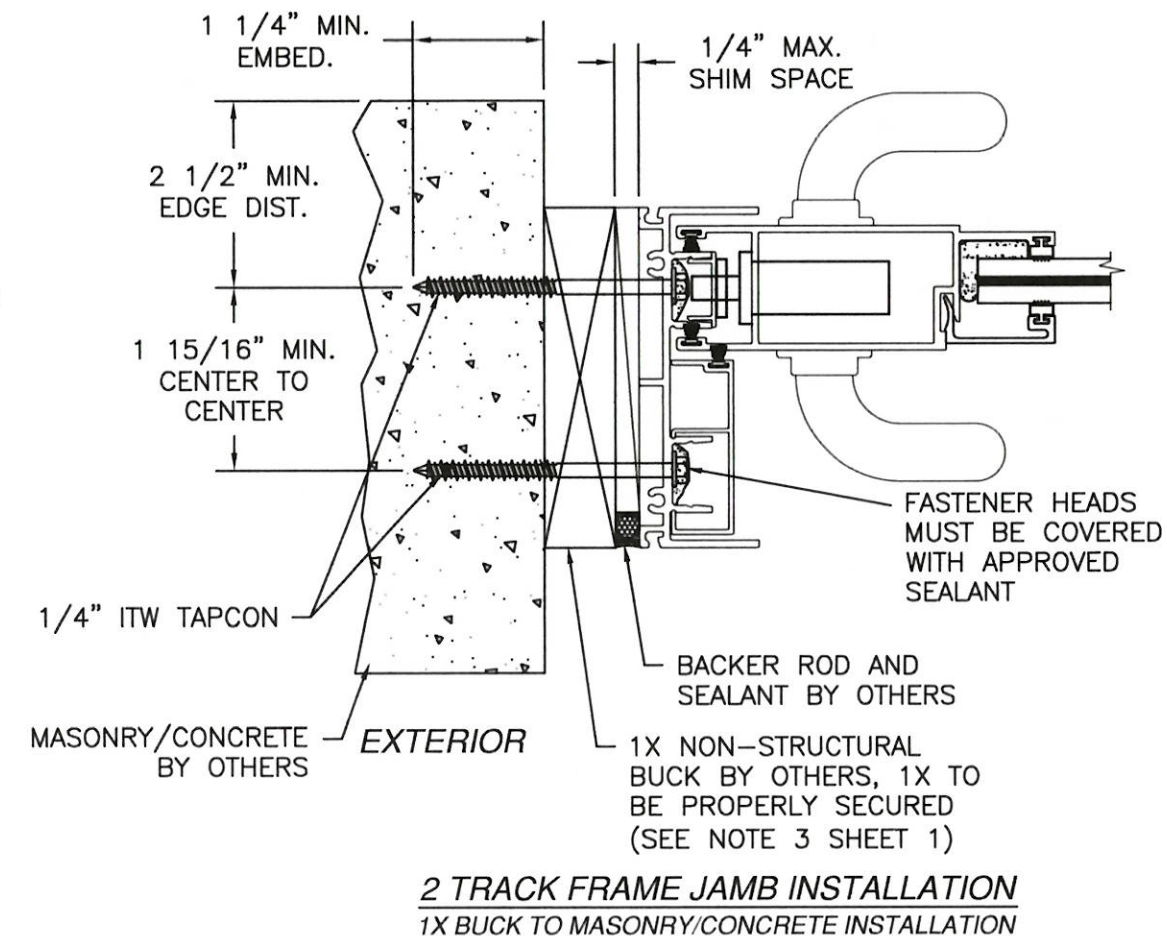
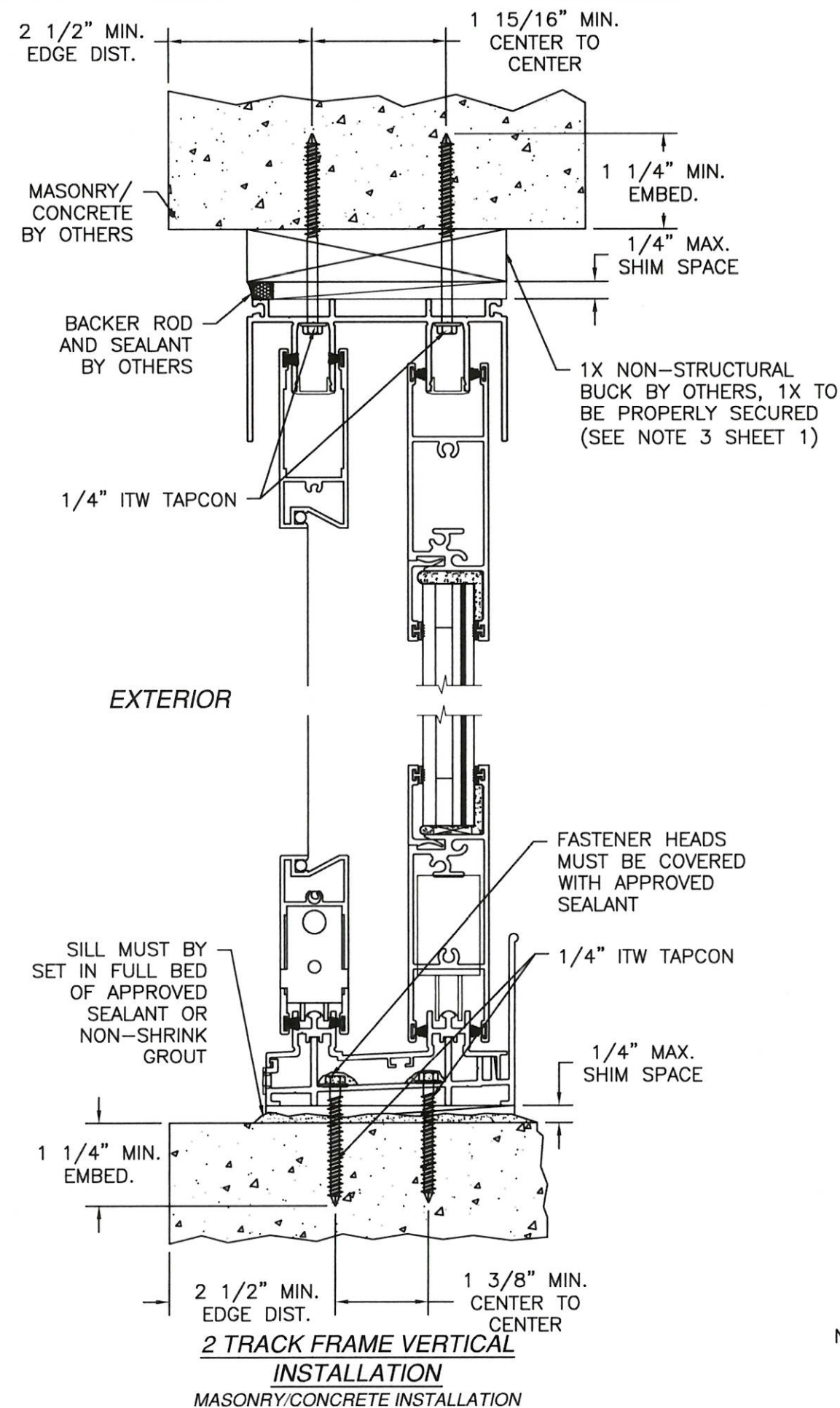
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0806.05  
Expiration Date 06/02/2025  
By *Isaac L. Chandra*  
Miami-Dade Product Control

Revision: NO CHANGES THIS SHEET.  
EK 7/24/20

<b>WINDOOR®</b> INCORPORATED WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296		4/03/2020 Date	Rev. A
	ALUMINUM SLIDING GLASS DOOR (LM)		Drawn By ALAN KINNE	No. SGD7000LM-NOA
	SECTION VIEWS - VERTICAL		Sheet 15 OF 21	DWG SGD7000A
	Title ALUMINUM SLIDING GLASS DOOR (LM)		Desc. SECTION VIEWS - VERTICAL	Series SGD7000A





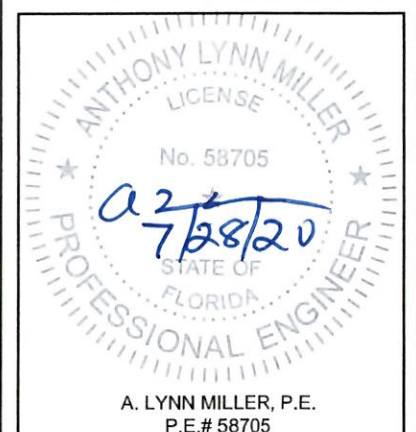


- NOTES:
1. CONCRETE SUBSTRATE SHOWN.
  2. 2 TRACK SHOWN, ANCHORAGE IN EXTERIOR & INTERIOR TRACK LOCATIONS IS TYPICAL FOR 3 TRACK AND 4 TRACK SYSTEMS, SEE SHEET 7.

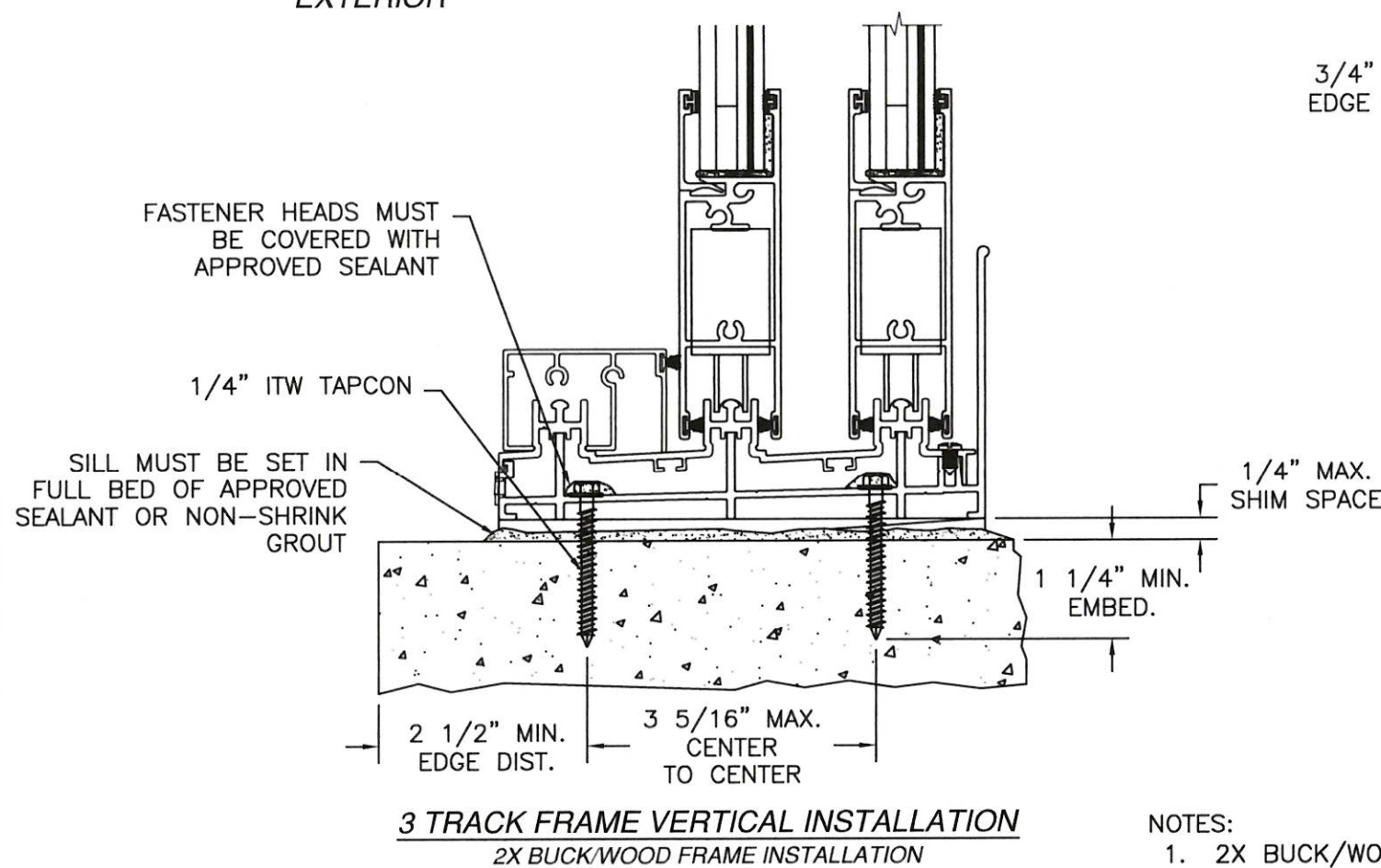
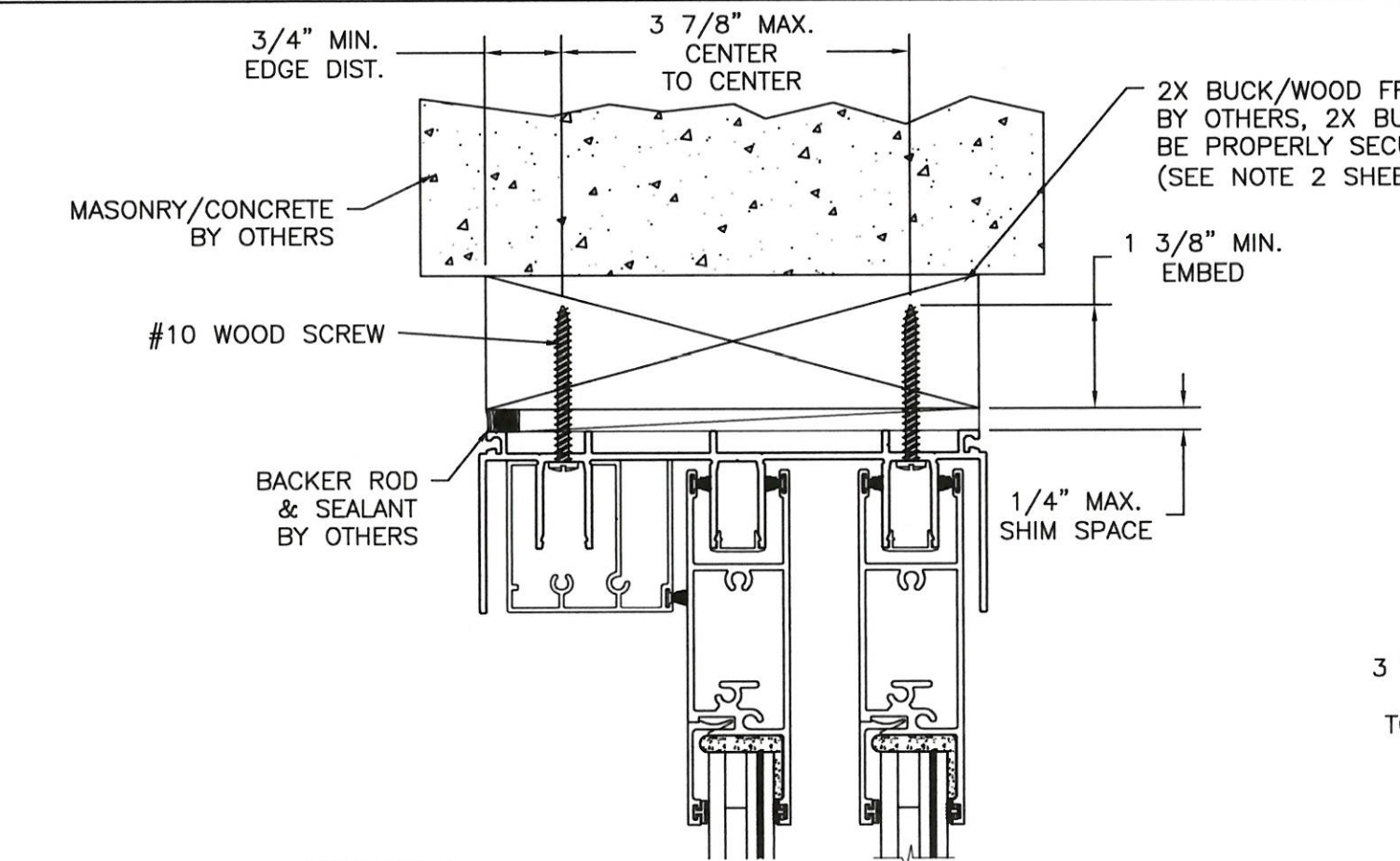
**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 20-0806.05  
Expiration Date 06/02/2025  
By *Ishag I. Chank*  
Miami-Dade Product Control

NO CHANGES THIS SHEET.  
EK 7/24/20

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	4/03/2020		A
	Date	Rev.	
	By	ALAN KINNE	
	DWG No.	SGD7000LMI-NOA	
<b>WINDOOR®</b> INCORPORATED WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432	ALUMINUM SLIDING GLASS DOOR (LM)		16 OF 21
	Installation Details - Masonry		
	Sheet	SGD7000A	
	Series Desc.		

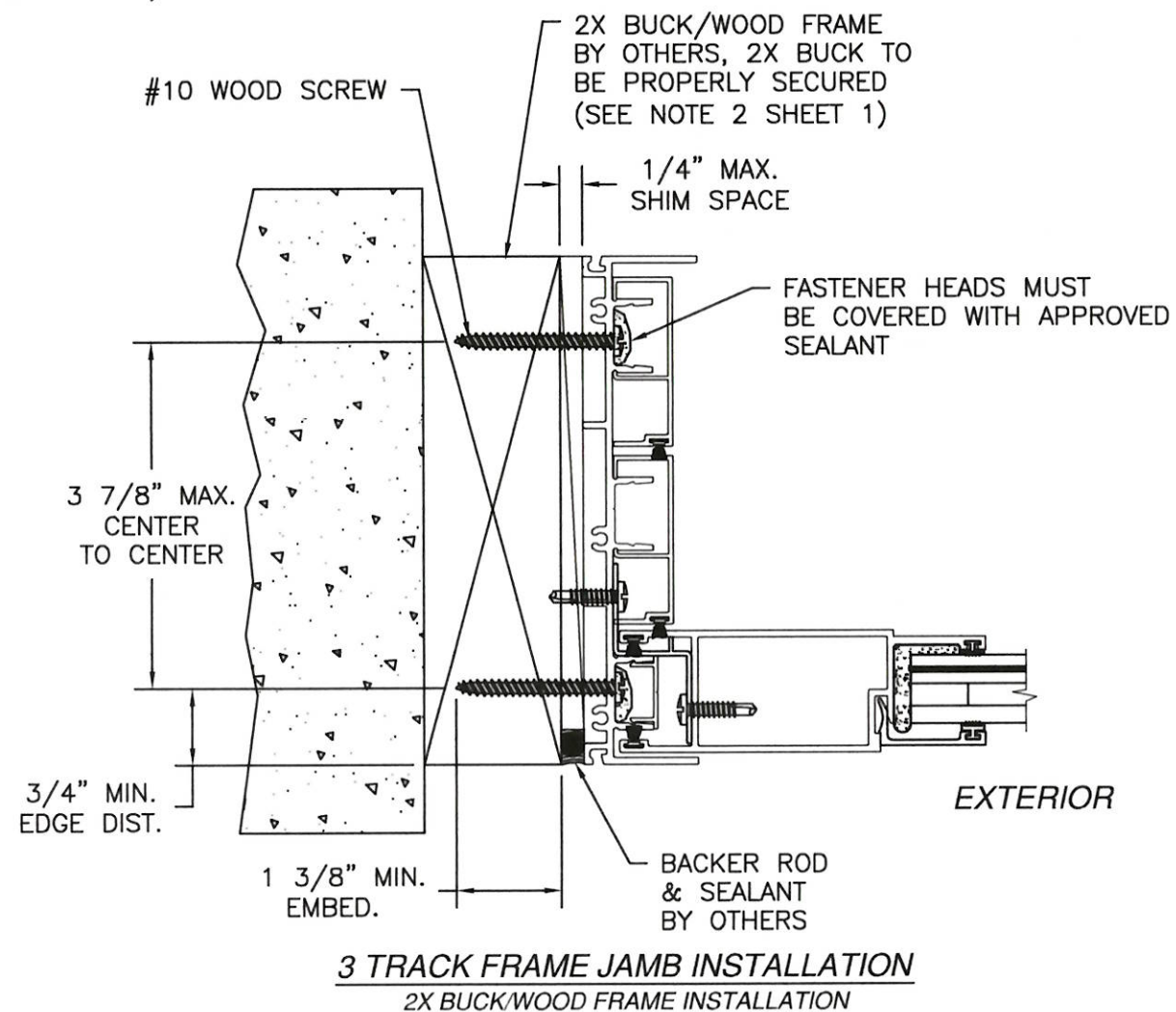






#### NOTES:

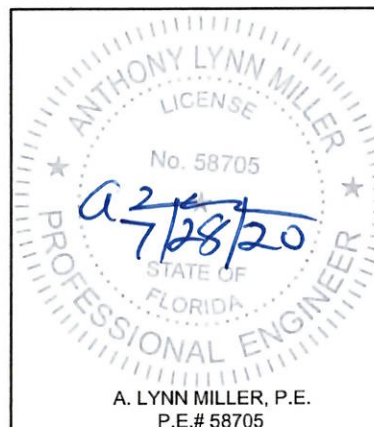
1. 2X BUCK/WOOD FRAME SUBSTRATE SHOWN.
2. 3 TRACK SHOWN, ANCHORAGE IN EXTERIOR & INTERIOR TRACK LOCATIONS IS TYPICAL FOR 2 TRACK AND 4 TRACK SYSTEMS, SEE SHEET 7.



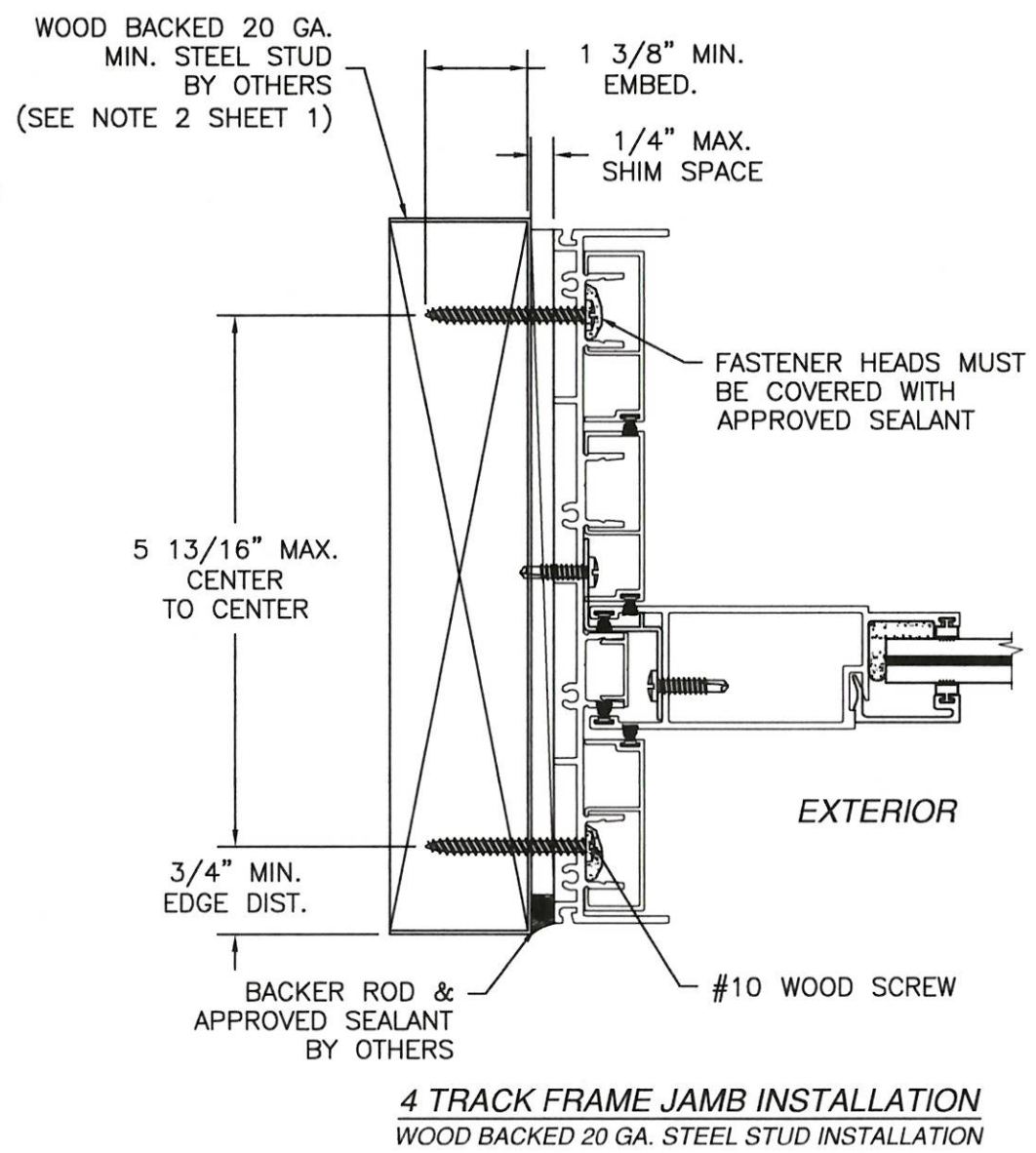
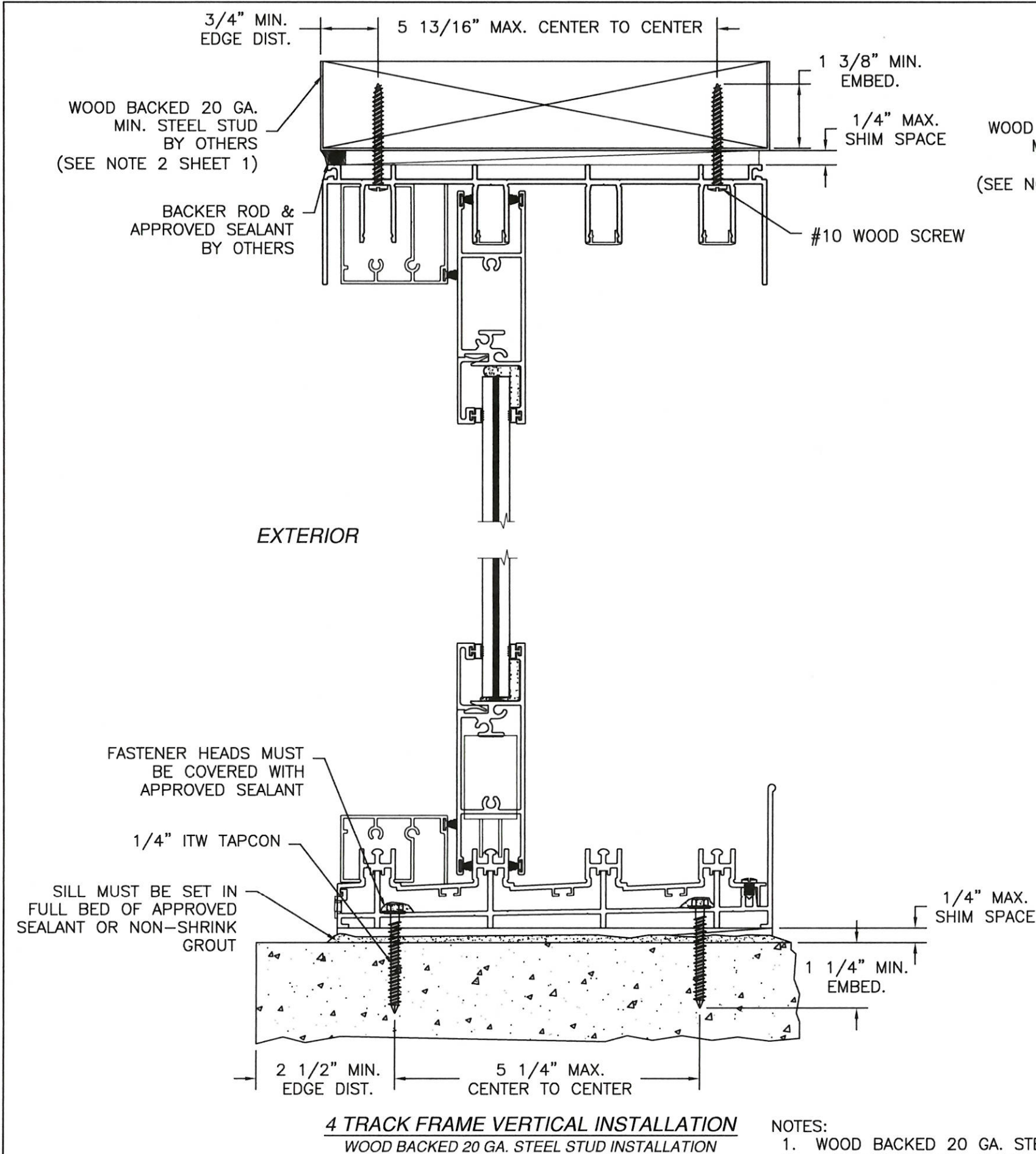
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0806.05  
Expiration Date 06/02/2025  
By *Ismael L. Chanda*  
Miami-Dade Product Control

NO CHANGES THIS SHEET.  
EK 7/24/20

<b>WINDOOR®</b> INCORPORATED WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	ALUMINUM SLIDING GLASS DOOR (LM)	4/03/2020	Rev.	A
				Date	
				By	ALAN KINNE
				DWG No.	SGD7000LM-NOA
SGD7000A	17 OF 21	INSTALLATION DETAILS - WOOD	1/4" MAX. SHIM SPACE	Sheet	
				Series	





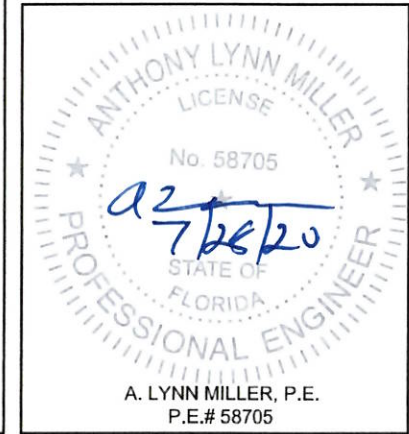


- NOTES:
1. WOOD BACKED 20 GA. STEEL STUD SUBSTRATE SHOWN.
  2. 4 TRACK SHOWN, ANCHORAGE IN EXTERIOR & INTERIOR TRACK LOCATIONS IS TYPICAL FOR 2 TRACK AND 3 TRACK SYSTEMS, SEE SHEET 7.

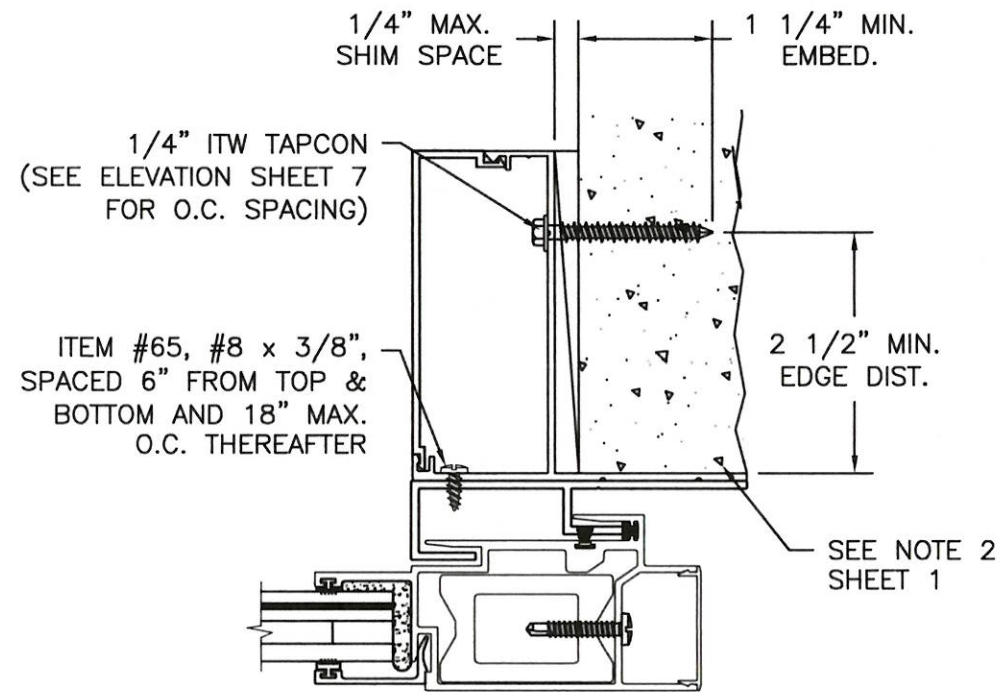
**PRODUCT REVISED**  
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 Building Code  
 NOA-No. 20-0806.05  
 Expiration Date 06/02/2025  
 By *Ishay L. Chank*  
 Miami-Dade Product Control

Revision: NO CHANGES THIS SHEET.  
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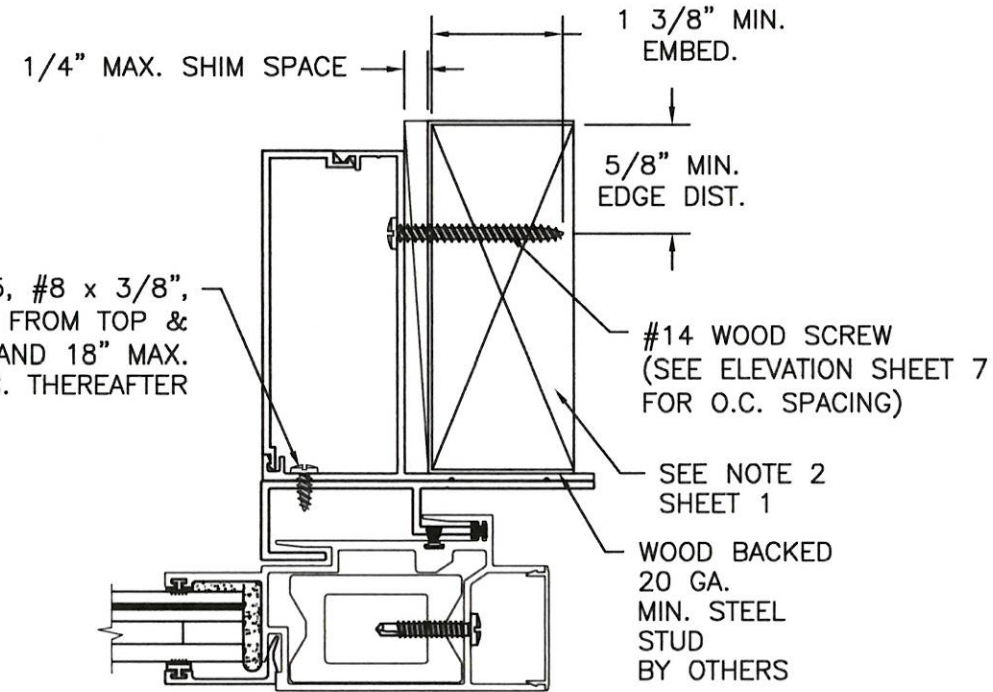
<div>W<sup>IN</sup>Door<sup>®</sup></div> <div>INCORPORATED</div>		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	
<div>WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432</div>		ALUMINUM SLIDING GLASS DOOR (LM)	
Date		4/03/2020	
By		ALAN KINNE	
DWG No.		SGD7000LM-NOA	
Sheet		18 OF 21	
Rev.		A	



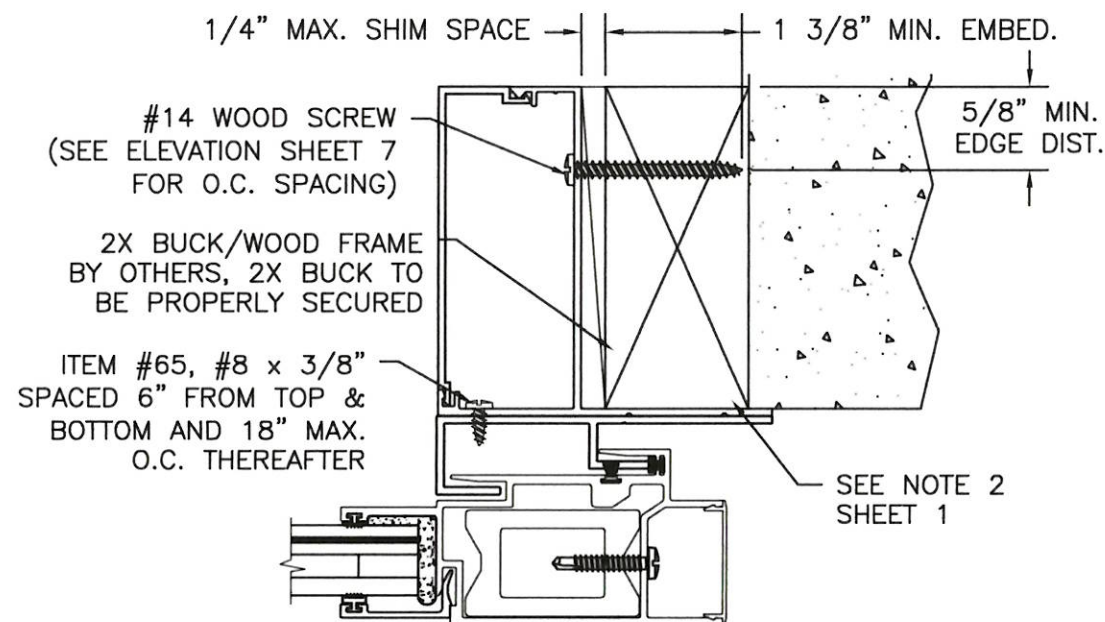




**POCKET HOOK STRIP**  
MASONRY/CONCRETE INSTALLATION  
REINFORCED SHOWN, NON-REINFORCED SIMILAR.



**POCKET HOOK STRIP**  
WOOD BACKED 20 GA. STEEL STUD INSTALLATION  
REINFORCED SHOWN, NON-REINFORCED SIMILAR.



**POCKET HOOK STRIP**  
2X BUCK/WOOD FRAME INSTALLATION  
REINFORCED SHOWN, NON-REINFORCED SIMILAR.

**NOTES:**

1. SEE POCKET JAMB (HOOK STRIP) ELEVATION IN SHEET 7 AND ANCHOR CHART #10 IN SHEET 6.

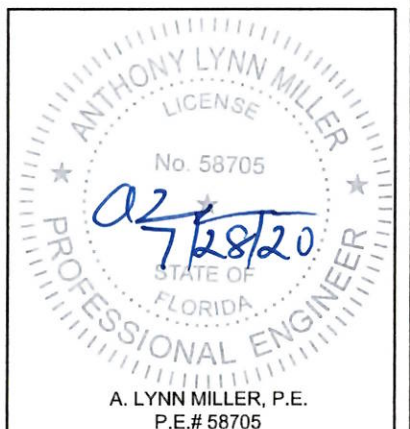
EXTERIOR



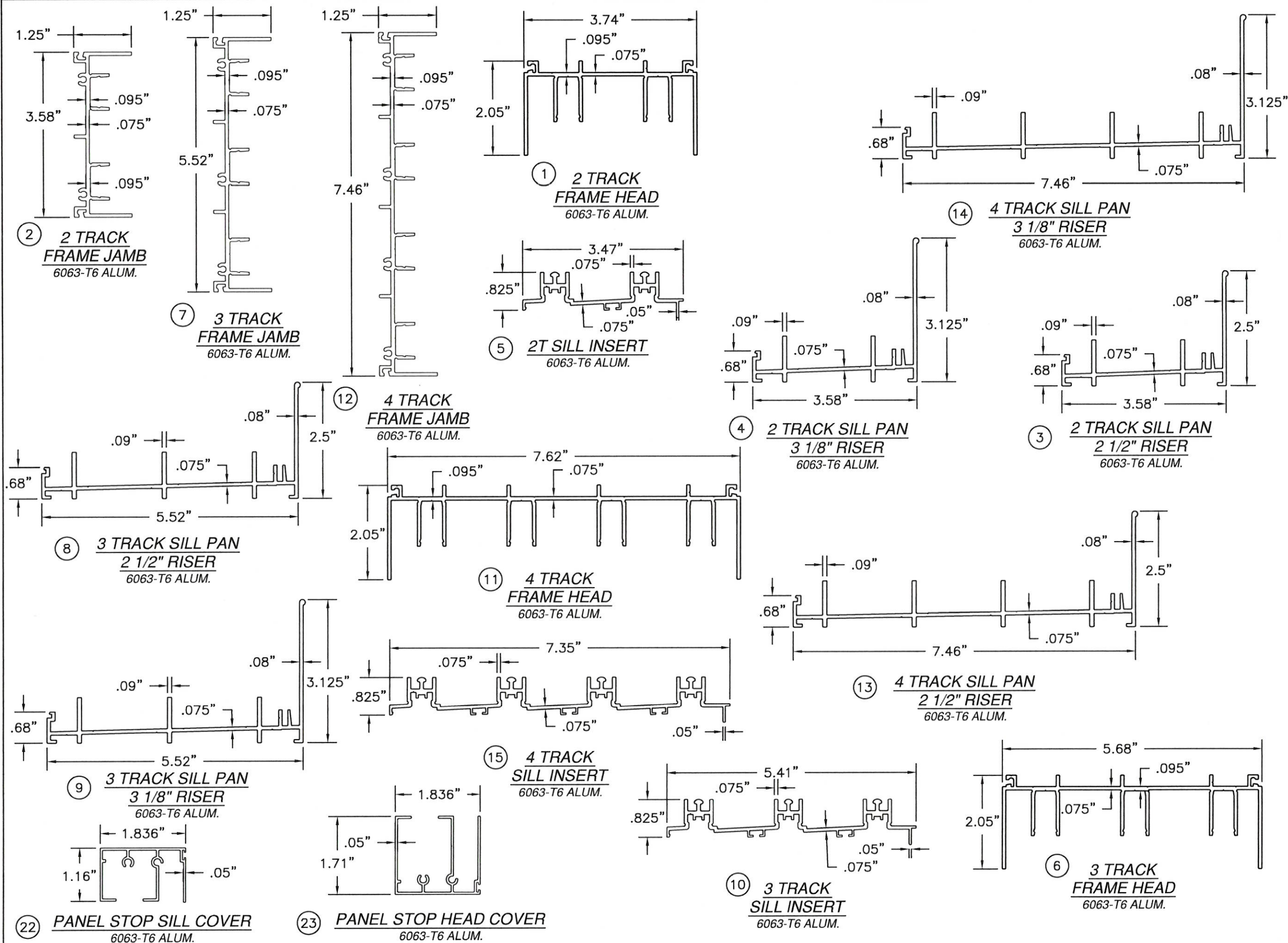
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0806.05  
Expiration Date 06/02/2025  
By *Ishag I. Chank*  
Miami-Dade Product Control

Revision: NO CHANGES THIS SHEET.  
EK 7/24/20

<div>WINDOOR<sup>®</sup> 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 (LM)		Date	4/03/2020
INSTALLATION DETAILS-HOOK STRIP		Drawn By	ALAN KINNE
SGD7000A	19 OF 21	DWG No.	SGD7000LMI-NOA
Sheet		Rev.	A
Series			



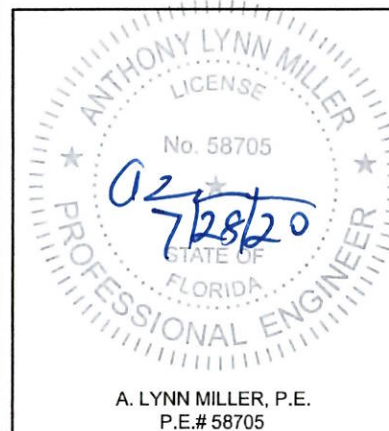




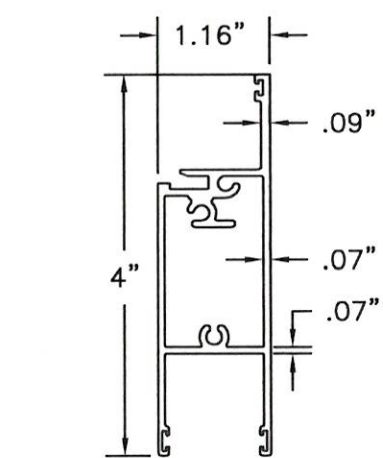
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 By *Ismael L. Chank*  
 Miami-Dade Product Control

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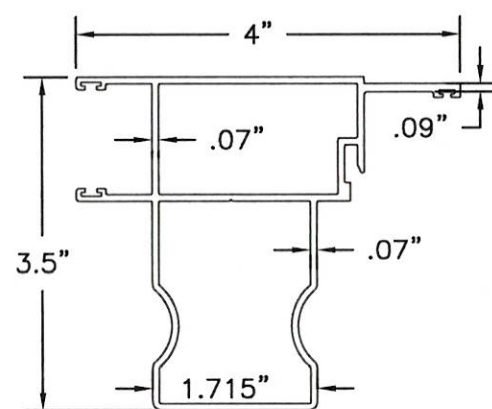
<div>WinDoor®</div> <div>INCORPORATED</div> <div>WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432</div>		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296			
		ALUMINUM SLIDING GLASS DOOR (LM)		Date	4/03/2020
		EXTRUSIONS		Drawn By	ALAN KINNE
		Sheet	20 OF 21	DWG No.	SGD7000LM-NOA
		Series	SGD7000A	Rev.	A



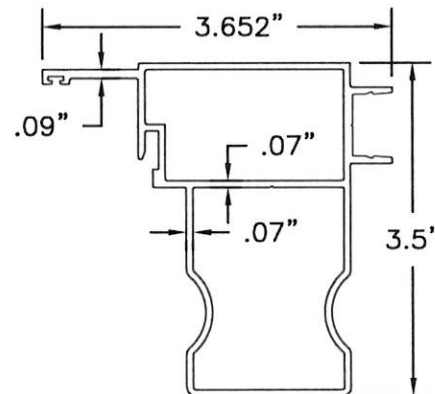




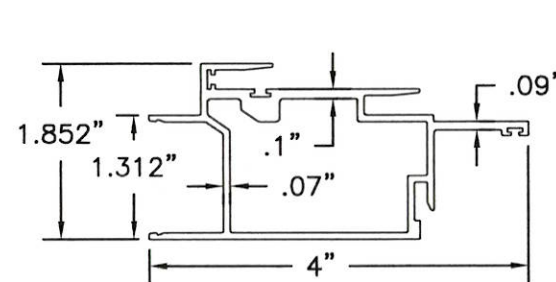
24 TOP & BOTTOM RAIL  
6063-T6 ALUM.



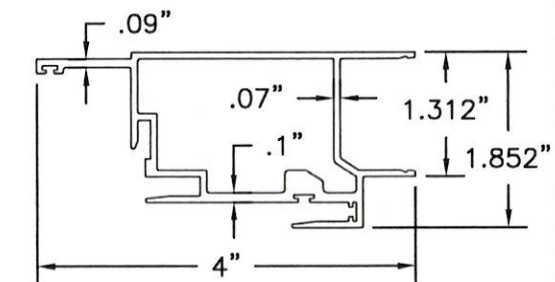
29 LOCKING BUTT STILE  
6063-T6 ALUM.



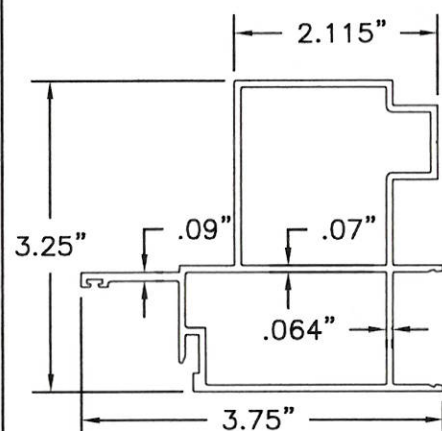
28 MALE BUTT STILE  
6063-T6 ALUM.



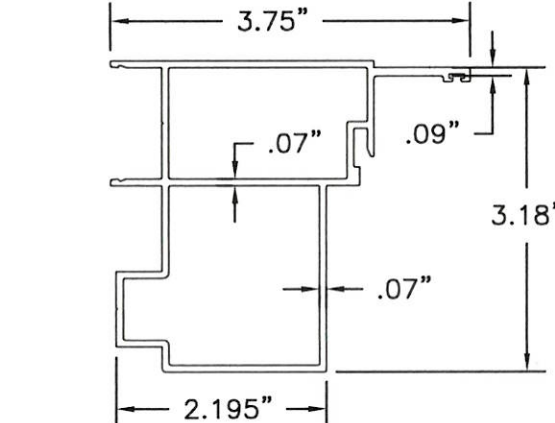
27 INTERLOCK STILE RIGHT  
6063-T6 ALUM.



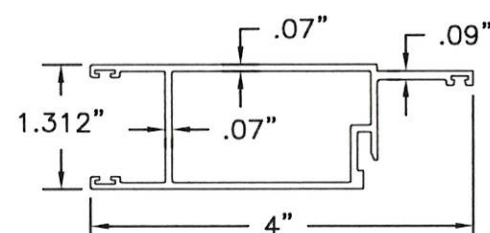
26 INTERLOCK STILE LEFT  
6063-T6 ALUM.



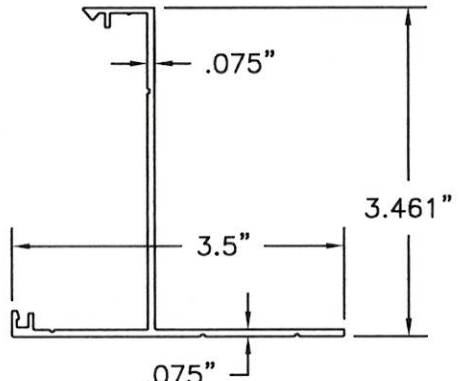
30 INTERIOR FIXED BUTT STILE  
6063-T6 ALUM.



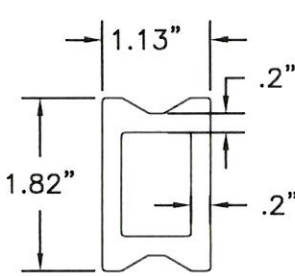
31 EXTERIOR FIXED BUTT STILE  
6063-T6 ALUM.



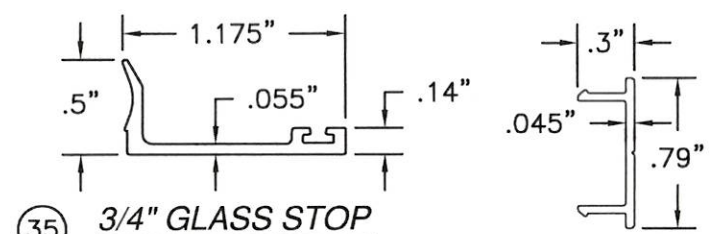
25 LOCK/PLAIN STILE  
6063-T6 ALUM.



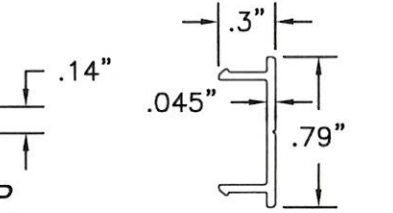
21 HOOK STRIP WALL MOUNT  
6063-T6 ALUM.



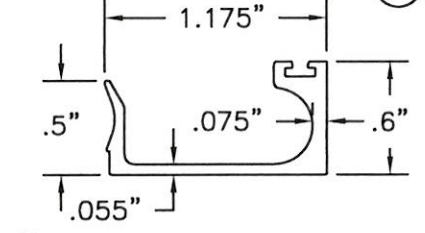
32 INTERLOCK REINFORCING BAR  
6005-T5 ALUM.



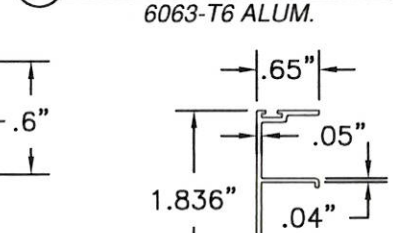
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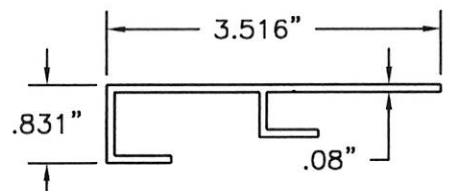
18 FLUSH JAMB COVER  
6063-T6 ALUM.



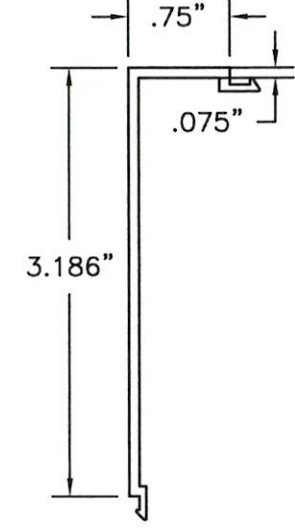
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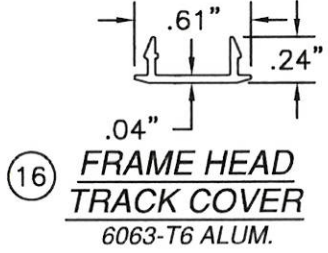
17 RECESSED JAMB COVER  
6063-T6 ALUM.



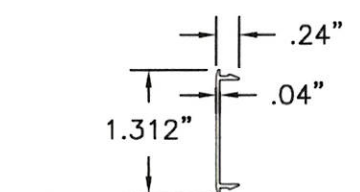
19 HOOK STRIP BASE  
6063-T6 ALUM.



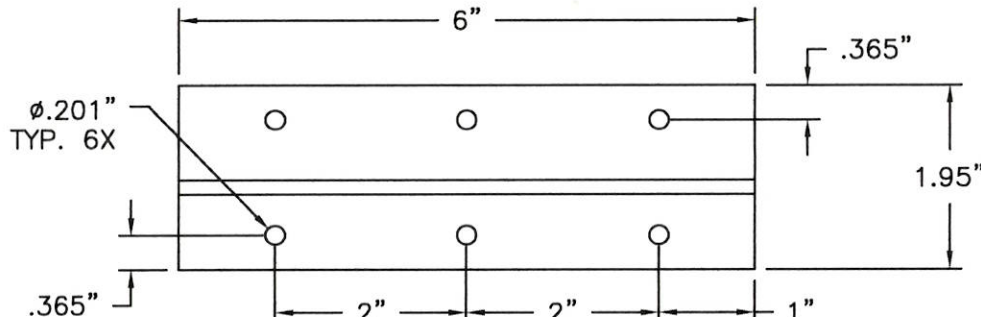
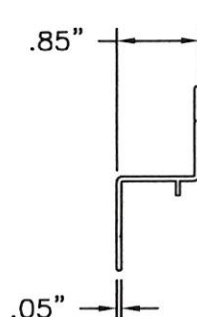
20 HOOK STRIP WALL COVER  
6063-T6 ALUM.



16 FRAME HEAD TRACK COVER  
6063-T6 ALUM.



33 BUTT STILE & INTERLOCK COVER  
6063-T6 ALUM.



72 FIXED PANEL Z-CLIP  
6063-T6 ALUM.

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WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432		ALUMINUM SLIDING GLASS DOOR (LM)	
EXTRUSIONS		By ALAN KINNE	Date 4/03/2020
Series SGD7000A	21 OF 21 Sheet	NO. SGD7000LMI-NOA	A Rev.

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