



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

MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/building

PGT Industries, Inc.
1070 Technology Drive,
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 "SGD-5570W" Vinyl Horizontal Sliding Window (Reinforced) w/wo 90° & 135° corners and w/wo Pockets – L.M.I.

APPROVAL DOCUMENT: Drawing No. **MD-5570W.0**, titled "Vinyl Sliding Glass Window (LM)", sheets 1 through 21 of 21, dated 04/14/16, with revision **F** dated 06/06/23, prepared by manufacturer, 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: Large and Small Missile Impact Resistant

LIMITATIONS:

1. See Table 1 (sheet 7) and & Table 2 (sheet 8) of this approved drawing set for applicable Window unit sizes, design pressures, reinforcement types, glass types, sill riser (Tables **B-1** & **B-2**, sheets 7 & 8), and anchor requirements in 12 thru 16.
2. See glazing and interlayers options in sheet 10. Product can be Exterior or Interior glazed. Interior glazed to be rotated 180° shown, such that "HS" surface of laminated glass adhered to glazing leg.
3. White Rigid PVC, Tan (Non-White) Rigid PVC and Brown Coated (Painted or Laminated) White Rigid PVC manufactured by Vision Extrusion Group Limited to be labeled per referenced NOA's requirements.
4. Pocket walls under separate approval, to be reviewed by Building Official.

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.



7/27/23

NOA No. 23-0710.11
Expiration Date: August 04, 2026
Approval Date: August 03, 2023
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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 No. 22-1205.02** and consists of these pages 1 and 2, and evidence pages E-1, E-2, E-3, E-4, E-5 and E-6, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**


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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. 14-0320.03)
2. Drawing No. **MD-5570W.0**, titled "Vinyl Sliding Glass Window (LM)", sheets 1 through 21 of 21, dated 04/14/16, with revision **E** dated 11/23/22, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
(Submitted under NOA No. 22-1205.02)

B. TESTS

1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of series "5570" vinyl sliding glass door w/pockets, prepared by QAI Laboratories, Test Report No. **QAI-22-1081**, dated 11/08/22, signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 22-1205.02)
2. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of series "5570" vinyl sliding glass door w/pockets, prepared by QAI Laboratories, Test Report No. **NOK-0004**, dated 10/12/22, signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 22-1205.02)
3. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of series "770" aluminum sliding glass door and a series "5570" vinyl sliding glass door, prepared by QAI Laboratories, Test Report No. **QAI-22-1040**, dated 04/03/22, signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 22-0407.10)
4. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of series "770" aluminum sliding glass door, prepared by QAI Laboratories, Test Report No. **QAI-21-1218**, dated 01/27/22, signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 22-0407.10)



Manuel Perez, P.E.
Product Control Examiner
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

B. TESTS (CONTINUED)

- 5.** Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of series "5570" vinyl sliding glass door, prepared by QAI Laboratories, Test Report No. **QAI-21-1241**, dated 01/21/22, signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 22-0407.10)
- 6.** 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 PGT Industries, Inc. representative units listed below and tested to qualify **Dowsil 791** and **Dowsil 983** silicones, prepared by Fenestration Testing Laboratory, Inc., Test Reports No.: **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) dated 07/13/20, all signed 07/13/20, all signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 20-0406.06)


Manuel Perez, P.E.
Product Control Examiner
NOA No. 23-0710.11

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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

B. TESTS (CONTINUED)

7. 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 and TAS 202-94

along with marked-up drawings and installation diagram of a vinyl sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-8546**, dated 11/06/15 and revised on 01/04/16 and 02/11/16, Test Report No. **FTL-8547**, dated 12/04/15 and revised on 02/15/16, Test Report No. **FTL-8548**, dated 12/04/15 and revised on 01/04/16 and 02/11/16, Test Report No. **FTL-8549**, dated 11/06/15 and revised on 12/04/15 and Test Report No. **FTL-8552**, dated 12/04/15 and revised on 02/15/16, all signed and sealed by Idalmis Ortega, P.E.

(Submitted under NOA's No. 16-0505.01 and 15-1210.01)

8. 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 and TAS 202-94

along with marked-up drawings and installation diagram of a vinyl sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-6338**, (samples A-1 thru A-22), dated 11/19/10, signed and sealed by Jorge A. Causo, P.E.

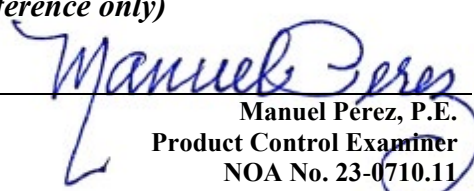
(The above test report has an addendum letter dated 03/11/11, issued by Fenestration Testing Laboratory, Inc., signed and sealed by Marlin D. Brinson, P.E. reviewing engineer).

(Submitted under NOA's No. 15-0409.02 and 13-1125.05)

9. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with marked-up drawings and installation diagram of a PVC sliding glass door, a PVC fixed window and an aluminum sliding glass door, using: Kodispace 4SG TPS spacer system, Duraseal® spacer system, Super Spacer® NXT™ spacer system and XL Edge™ spacer system at insulated glass, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-8717**, **FTL-8970** and **FTL-8968**, dated 02/15/16, 06/07/16 and 06/20/16 respectively, all signed and sealed by Idalmis Ortega, P.E.

(Submitted under NOA No. 17-0420.06) (For reference only)


Manuel Perez, P.E.
Product Control Examiner
NOA No. 23-0710.11
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

B. TESTS (CONTINUED)

- 10.** 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
along with marked-up drawings and installation diagram of a vinyl sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-6637**, (samples A-1 thru A-5), dated 12/06/10, signed and sealed by Jorge A. Causo, P.E.
(Submitted under NOA No. 17-0420.06) (For reference only)

C. CALCULATIONS

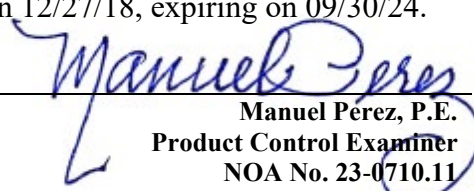
- 1.** Anchor verification calculations and structural analysis, complying with **FBC 7th Edition (2020)**, dated 04/02/20, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
(Submitted under NOA No. 20-0406.06)
- 2.** Glazing complies with **ASTM E 1300-09**.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

- 1.** Notice of Acceptance No. **20-0915.22** issued to **Kuraray America, Inc.** for their "**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**" dated 11/19/20, expiring on 07/08/24.
- 2.** Notice of Acceptance No. **20-0915.21** issued to **Kuraray America, Inc.** for their "**Trosifol® Extra Stiff (ES) PVB Glass Interlayer**" dated 11/19/20, expiring on 02/08/23.
- 3.** Notice of Acceptance No. **20-0915.19** issued to **Kuraray America, Inc.** for their "**SentryGlas® (Clear and White) Glass Interlayers**" dated 11/19/20, expiring on 07/04/23.
- 4.** Notice of Acceptance No. **21-1109.04**, issued to **Vision Extrusions Group Limited**, for their **White Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 03/31/22, expiring on 09/30/24.
- 5.** Notice of Acceptance No. **22-0214.04**, issued to **Vision Extrusions Group Limited**, for their **VE 1000 Tan 202 and Lighter Shades (Non-White) Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 06/30/22, expiring on 04/16/25.
- 6.** Notice of Acceptance No. **18-1108.10**, issued to **Vision Extrusions Group Limited**, for their **Brown Coated (Painted or Laminated) White Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 12/27/18, expiring on 09/30/24.


Manuel Perez, P.E.
Product Control Examiner
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)
F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 7th Edition (2020)** dated November 28, 2022, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
(Submitted under NOA No. 22-1205.02)
2. Statement letter of no financial interest, dated November 28, 2022, issued by manufacturer, signed and sealed by A. Lynn Miller, P.E.
(Submitted under NOA No. 22-1205.02)
3. Proposal No. **22-0160** issued by the Product Control Section, dated 03/02/2 signed by Ishaq Chanda, P.E.
(Submitted under NOA No. 22-1205.02)
4. Letter of lab. compliance, part of the above test reports.
(Submitted under NOA No. 20-0406.06)
5. Proposal No. **19-1155** issued by the Product Control Section, dated 01/10/20, signed by Ishaq Chanda, P.E.
(Submitted under NOA No. 20-0406.06)

G. OTHERS

1. Notice of Acceptance No. **22-0407.10**, issued to PGT Industries, Inc., for their Series "SGD-5570-Window" Vinyl Horizontal Sliding Glass Window (Reinforced) w/wo 90° & 135° corners and w/wo Pockets – L.M.I., approved on 04/21/22 and expiring on 08/04/26.

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **MD-5570W.0**, titled "Vinyl Sliding Glass Window (LM)", sheets 1 through 21 of 21, dated 04/14/16, with revision **F** dated 06/06/23, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

B. TESTS

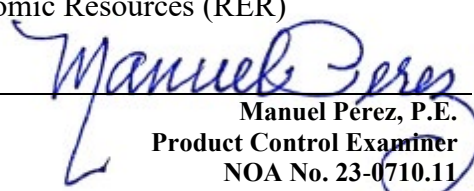
1. None.

C. CALCULATIONS

1. None

D. QUALITY ASSURANCE

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


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2. NEW EVIDENCE SUBMITTED (CONTINUED)

E. MATERIAL CERTIFICATIONS

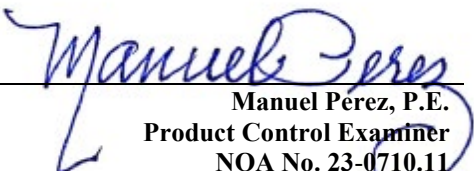
1. Notice of Acceptance No. **20-0915.22** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**” dated 11/19/20, expiring on 07/08/24.
2. Notice of Acceptance No. **22-1116.03** issued to Kuraray America, Inc. for their “**Trosifol® Extra Stiff (ES) PVB Glass Interlayer**” dated 12/15/22, expiring on 02/08/28.
3. Notice of Acceptance No. **22-1116.01** issued to **Kuraray America, Inc.** for their “**SentryGlas® (Clear and White) Glass Interlayers**” dated 12/15/22, expiring on 07/04/28.
4. Notice of Acceptance No. **21-1109.04**, issued to **Vision Extrusions Group Limited**, for their **White Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 03/31/22, expiring on 09/30/24.
5. Notice of Acceptance No. **22-0214.04**, issued to **Vision Extrusions Group Limited**, for their **VE 1000 Tan 202 and Lighter Shades (Non-White) Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 06/30/22, expiring on 04/16/25.
6. Notice of Acceptance No. **18-1108.10**, issued to **Vision Extrusions Group Limited**, for their **Brown Coated (Painted or Laminated) White Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 12/27/18, expiring on 09/30/24.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 7th Edition (2020)**, and with **FBC 8th Edition (2023)** dated June 06, 2023, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
2. Statement letter of no financial interest dated June 06, 2023, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

G. OTHERS

1. Notice of Acceptance No. **22-1205.02**, issued to PGT Industries, Inc., for their Series “**SGD-55770-Window**” Vinyl Horizontal Sliding Glass Window (Reinforced) w/wo 90° and 135° corners and w/wo Pockets – L.M.I., approved on 01/12/23 and expiring on 08/04/26.


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SERIES 5570 IMPACT RESISTANT SLIDING GLASS WINDOW
INCLUDING POCKETS & 90°/135° CORNERS

GENERAL NOTES:
1) GLAZING TYPE OPTIONS: SEE GLAZING DETAILS ON SHEET 10.
2) DESIGN PRESSURES:
A. NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS PER ASTM E1300.
B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE AND GLASS PER ASTM E1300.
C. DESIGN LOADS ARE BASED ON ALLOWABLE STRESS DESIGN, ASD.
3) ANCHORAGE: THE 33-1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC).
4) SHUTTERS ARE NOT REQUIRED PER FBC REQUIREMENTS, AS APPLICABLE.
5) INSTALLATION SCREWS & FRAME SPLICES TO BE SEALED WITH NARROW JOINT SEALANT. OVERALL SEALING/FLASHING STRATEGY FOR WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS AND IS BEYOND THE SCOPE OF THESE INSTRUCTIONS.
6) REFERENCES (NOA'S): DEWALT ULTRACON+, DEWALT/ELCO CRETEFLEX & AGGRE-GATOR ANCHOR NOA'S, VISION EXTRUSION, LTD. WHITE RIGID PVC NOA, VE 1000 TAN 202 AND LIGHTER SHADES (NON-WHITE) RIGID PVC NOA AND BROWN COATED (PAINTED OR LAMINATED) WHITE RIGID PVC NOA
REFERENCES (TEST REPORTS): FTL-6337, 6338, 8646-8649, 8652 & 8717; QAI 22-1081, QA1-NOK-0004; EXOVA-10-002-792(A) & 10-006-10231; CAMBRIDGE 535753-09;
7) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FBC, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ). THE RIGID WHITE, BROWN & TAN PVC MANUFACTURED BY VISION EXTRUSION, LTD. HAS BEEN TESTED TO COMPLY WITH THE FLORIDA BUILDING CODE FOR PLASTICS, (COMPONENT REQUIREMENTS).
8) WINDOW SIZES MUST BE VERIFIED FOR COMPLIANCE WITH EGRESS REQUIREMENTS OF THE FBC, AS APPLICABLE.
9) DRAWINGS DEPICT EXTERIOR-GLAZING, HOWEVER INTERIOR-GLAZING MAY BE SUBSTITUTED.

ANCHOR NOTES:
1) FOR CONCRETE/CMU SUBSTRATE APPLICATIONS IN MIAMI-DADE COUNTY, USE ONLY MIAMI-DADE COUNTY APPROVED ANCHORS. SEE TABLE A ON THIS SHEET FOR EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS.
2) FOR OTHER SUBSTRATE APPLICATIONS SEE TABLE A ON THIS SHEET.
3) WOOD BUCKS DEPICTED AS 1X ARE LESS THAN 1-1/2" THICK. PROPERLY SECURED, 1X WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SOLID CONCRETE OR CMU. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD & TO BE REVIEWED BY THE BUILDING OFFICIAL.
4) METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER THE FBC AND TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.
5) IF SILL IS TIGHT TO SUBSTRATE, GROUT OR OTHER MATERIAL IS NOT REQUIRED. IF USED, NON-SHRINK, NON-METALLIC GROUT, MAX. 1/4" THICK & 3400 PSI MIN., (DONE BY OTHERS) MUST FULLY SUPPORT THE ENTIRE LENGTH OF THE SILL THAT IS NOT TIGHT TO THE SUBSTRATE, AND TRANSFER SHEAR LOAD TO SUBSTRATE. IF SUBSTRATE IS WOOD, 30# FELT PAPER OR MASTIC IS REQUIRED BETWEEN THE GROUT AND WOOD SUBSTRATE, OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION.

IMPACT RATING
RATED FOR LARGE & SMALL MISSILE IMPACT RESISTANCE
DESIGN PRESSURE RATING
SEE TABLES 1, 2 & B1, B2 ON SHEETS 7 & 8

TABLE A:

Table with 6 columns: Group, Anchor, Substrate, Frame Member, Min. Edge Distance, Min. Embedment. It details various anchor and frame configurations for different substrates like Southern Pine, Aluminum, Steel, Concrete, and CMU.

- 1) MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE. METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE AND TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION. ALL ANCHOR HEAD TYPES APPLICABLE.
- 2) "UNGROUTED CMU" VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.
- 3) FOR THE MINIMUM STRENGTHS OF ANCHORS AND SUBSTRATES, SEE TABLE F, SHEET 21.
- 4) ALL ANCHOR HEAD TYPES ARE APPLICABLE.

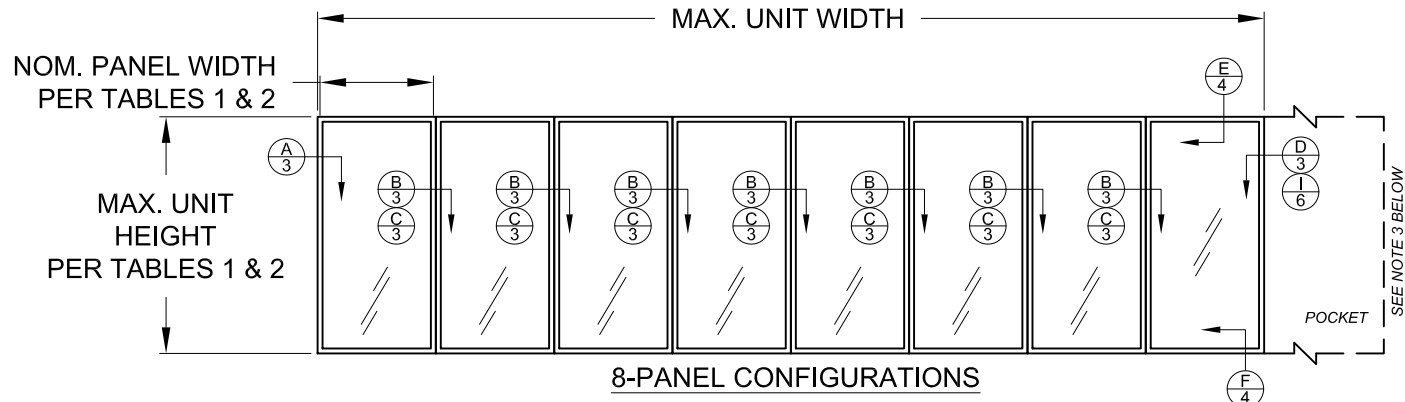
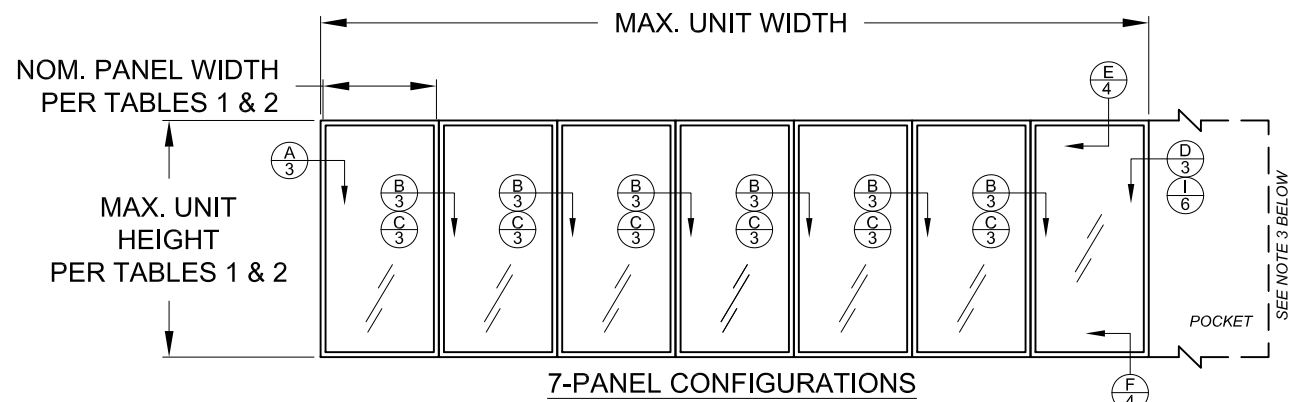
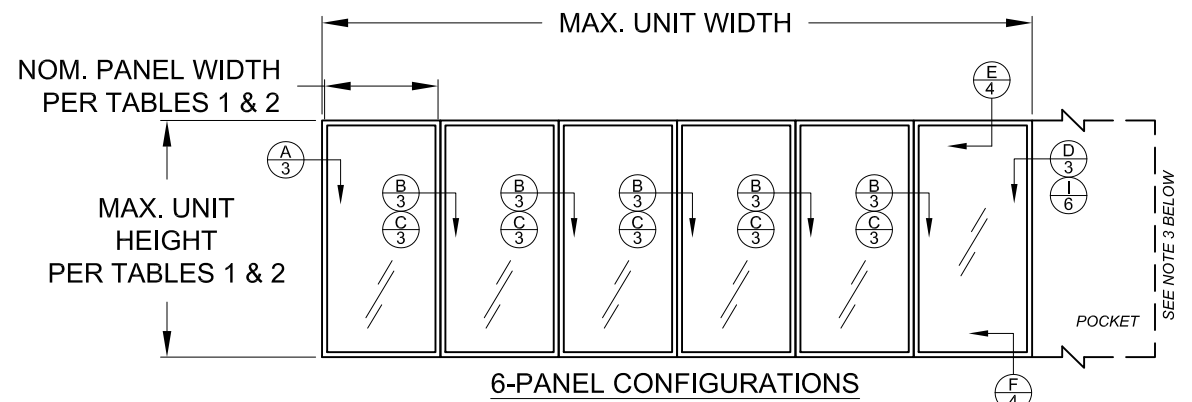
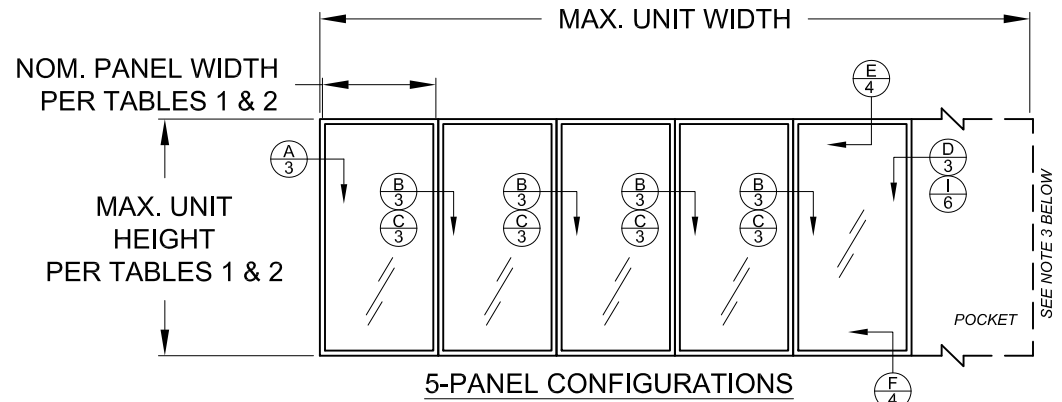
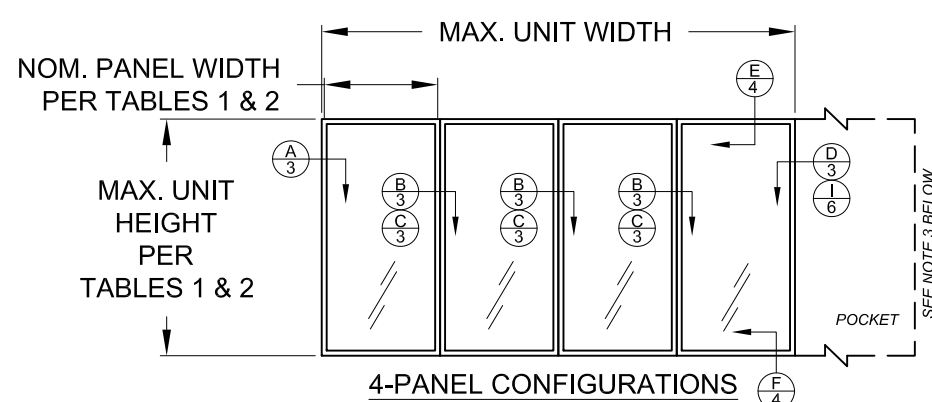
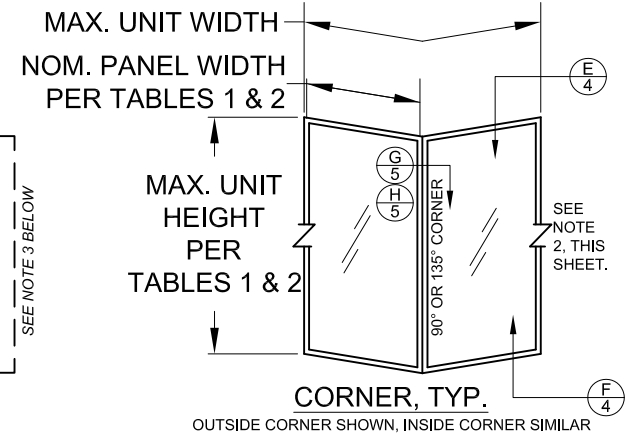
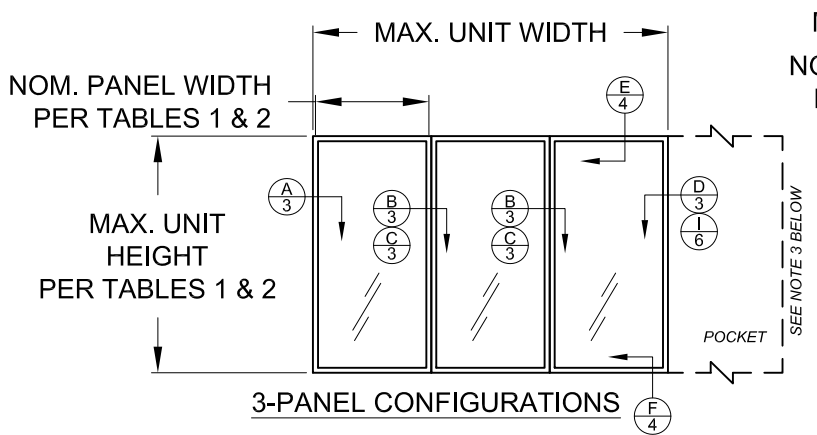
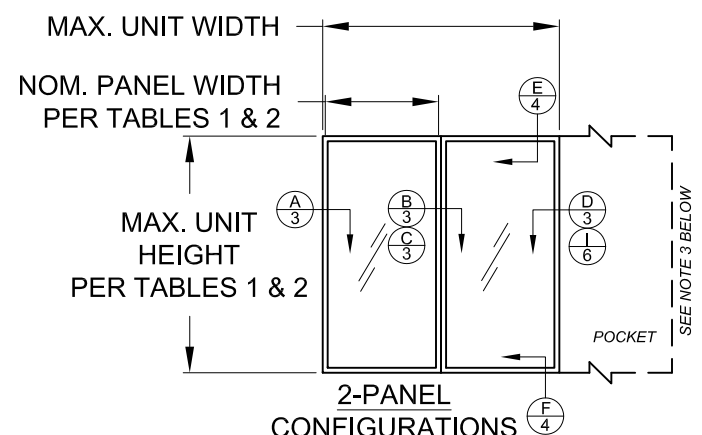
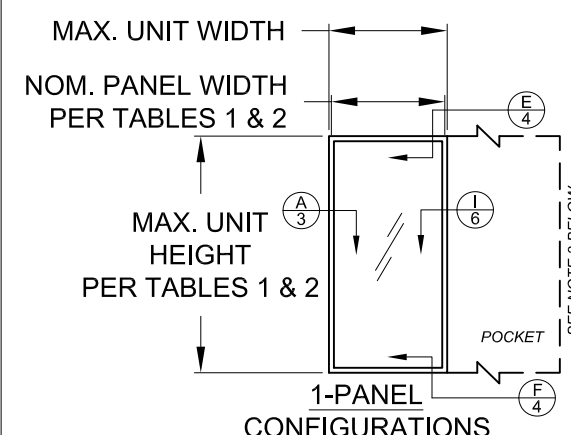
INSTRUCTIONS:

- 1) KNOWING THE REQUIRED DESIGN PRESSURE OF THE OPENING, THE ANCHOR REQUIREMENTS FOR THE SLIDING GLASS WINDOW MAY BE DETERMINED FROM DESIGN PRESSURE TABLES 1 OR 2, DEPENDING ON THE GLASS/REINFORCEMENT.
- 2) LOCATE THE SLIDING GLASS WINDOW SIZE ON THE TABLE, USING THE FRAME HEIGHT AND THE NOMINAL PANEL WIDTH IF YOUR EXACT SIZE IS NOT LISTED, ROUND UP TO THE NEXT GREATER LISTED WIDTH AND/OR HEIGHT.
- 3) CHOOSE WHICH ANCHOR GROUP (A-D) IS MOST APPLICABLE. ANCHORS ARE DEFINED IN TABLE A, THIS SHEET, ALONG WITH THE CORRESPONDING SUBSTRATE, MINIMUM EMBEDMENT AND MINIMUM EDGE DISTANCE.
- 4) FROM THE DESIGN PRESSURE TABLES (TABLES 1 OR 2), VERIFY THAT THE OPENING'S REQUIRED DESIGN PRESSURE IS MET OR EXCEEDED. USE THE ANCHOR QUANTITIES SHOWN.
- 5) INSTALL AS PER THE GUIDELINES OF THIS SHEET-SET.
- 6) ADDITIONALLY, SEE THE EXAMPLE ON SHEET 9.

- CODES / STANDARDS USED:
- 2023 FLORIDA BUILDING CODE (FBC), 8TH EDITION
 - 2020 FLORIDA BUILDING CODE (FBC), 7TH EDITION
 - ASTM E1300-09
 - ANSI/AF&PA NDS-2018 FOR WOOD CONSTRUCTION
 - ALUMINUM DESIGN MANUAL, ADM-2020
 - AISI S100-16
 - AISC 360-16

Table with 2 columns: Item, Page. Lists general notes, example configs, install details, DP/anchor tables, example, glazing details, anchor layouts, panel types, extrusions, accessories, screen details, and parts list.

Product information and professional seal area. Includes 'PRODUCT REVISED' notice, revision history, drawing details (Prepared by, Drawn by, Title, Date, Registration), and a circular professional engineer seal for Anthony Lynn Miller, No. 58705, State of Florida.



DETAIL LETTER
X #
SHEET NUMBER

DLO WIDTH = NOM. PANEL WIDTH - 8-9/16"
NOM. PANEL WIDTH = PANEL WIDTH + 1-3/16"
DLO HEIGHT = WINDOW HEIGHT - 11-1/16"
PANEL HEIGHT = WINDOW HEIGHT - 2-1/2"

CONFIGURATIONS NOTES:

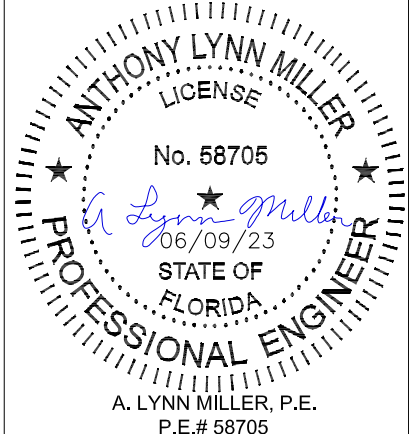
- 1) ALL CONFIGURATIONS SHOWN ARE ALSO AVAILABLE AS POCKET CONFIGURATIONS AT EITHER OR BOTH JAMB LOCATIONS. EXAMPLE: 4-PANEL XXXX IN POCKET (p) CONFIGURATION CAN BE pXXXXp, pXXXX OR XXXXp. OXXX IN POCKET CONFIGURATION CAN BE OXXXp.
- 2) 90° & 135° CORNER CONFIGURATIONS ARE A COMBINATION OF ANY 2 STRAIGHT CONFIGURATIONS.
- 3) POCKET WALL OR CAVITY IS NOT PART OF THIS APPROVAL AND IS TO BE DESIGNED BY OTHERS AND REVIEWED BY THE AUTHORITY HAVING JURISDICTION.
- 4) FOR NOM. PANEL WIDTH, SEE TABLES 1 & 2.
- 5) MAX. ALLOWABLE FRAME SQUARE FOOTAGE = 472.656 FT²

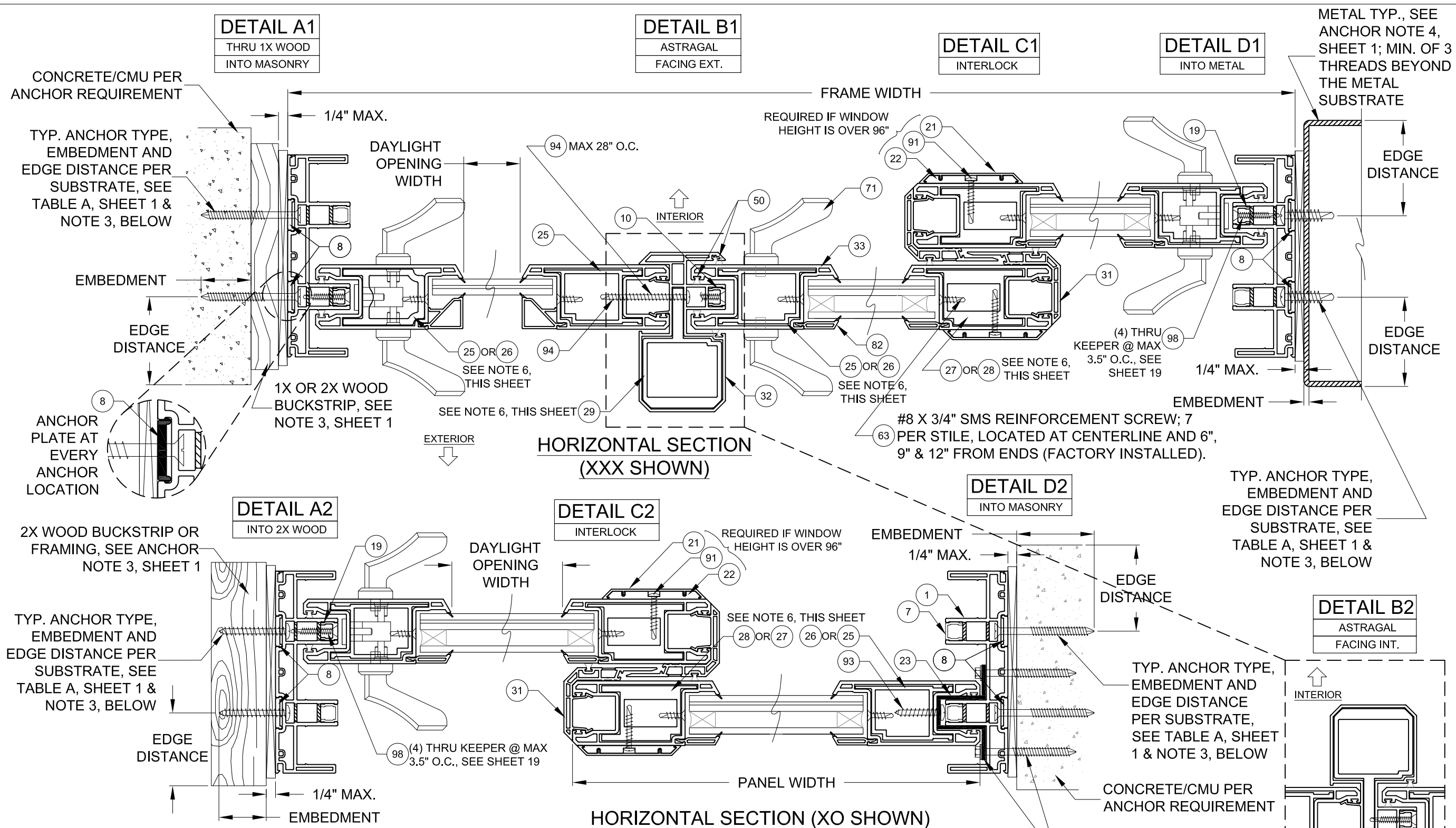
"X" = OPERABLE PANEL
"O" = INOPERABLE PANEL
"p" = POCKET

PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. **23-0710.11**
Expiration Date: **08/04/2026**
By: *Manuel Perez*
Miami-Dade Product Control

UPDATED TO 2023 BUILDING CODE.
JR - 06/06/23

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	VINYL SLIDING GLASS WINDOW (LM)	Date	04/14/16	Rev.	F
			By	JENS ROSOWSKI	No.	MD-5570W.0
			Desc.	EXAMPLE CONFIGURATIONS	Sheet	2 OF 21
			Title	SGD-5570 WINDOW	Series	





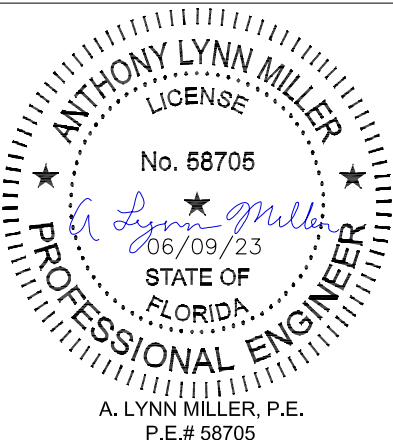
- NOTES**
- 1) DETAILS APPLY TO 2, 3 AND 4 TRACK CONFIGURATIONS.
 - 2) REFER TO ANCHOR NOTES, SHEET 1.
 - 3) SEE SHEET 13 FOR ANCHOR LOCATION & SPACING, FOR ANCHOR QUANTITIES, SEE TABLES 1 & 2.
 - 4) CONTINUOUS ANCHOR PLATE, ITEM #8, IS REQUIRED AT ALL FRAME ANCHOR LOCATIONS.
 - 5) PANEL WIDTH DOES NOT INCLUDE INTERLOCK OR ASTRAGAL ADD-ON.
 - 6) SEE TABLES 1 & 2 FOR REINFORCEMENT REQUIREMENTS. ALL REINFORCEMENTS ARE APPROXIMATELY THE FULL LENGTH OF THE EXTRUSION. REFER TO TEST REPORTS FOR EXACT DIMENSIONS.
 - 7) SEE SHEET 20 FOR SCREEN DETAILS.

DLO WIDTH = NOM. PANEL WIDTH - 8-9/16"
DLO HEIGHT = WINDOW HEIGHT - 11-1/16"
PANEL HEIGHT = WINDOW HEIGHT - 2-1/2"

PRODUCT REVISED
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Expiration Date: **08/04/2026**
By: *Manuel Perez*
Miami-Dade Product Control

UPDATED TO 2023 BUILDING CODE.
JR - 06/06/23

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	CUSTOM WINDOWS AND DOORS 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	Date	04/14/16	Rev.	F
		By	JENS ROSOWSKI	DWG	MD-5570W.0
		Title	VINYL SLIDING GLASS WINDOW (LM)	Sheet	SGD-5570 WINDOW
		Desc.	HORIZONTAL CROSS SECTIONS	3 OF 21	



DETAIL E1

INTO MASONRY
1X BUCKSTRIP

TYP. ANCHOR TYPE, EMBEDMENT AND EDGE DISTANCE PER SUBSTRATE, SEE TABLE A, SHEET 1 & NOTE 3, THIS SHEET

DETAIL E2

INTO WOOD

2X WOOD BUCKSTRIP OR FRAMING, SEE ANCHOR NOTE 3, SHEET 1

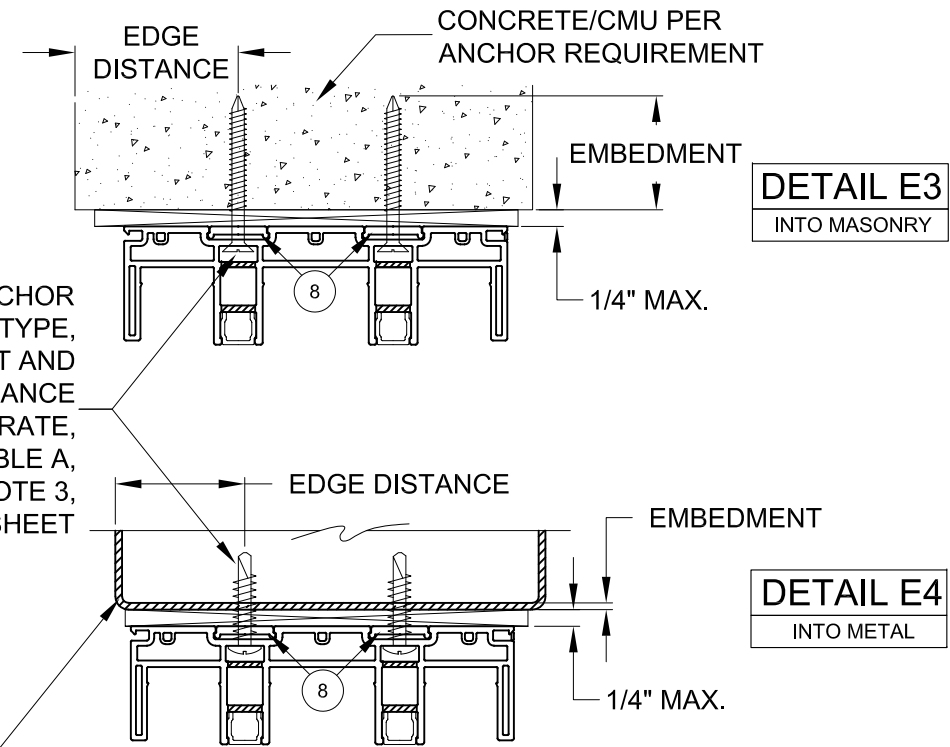
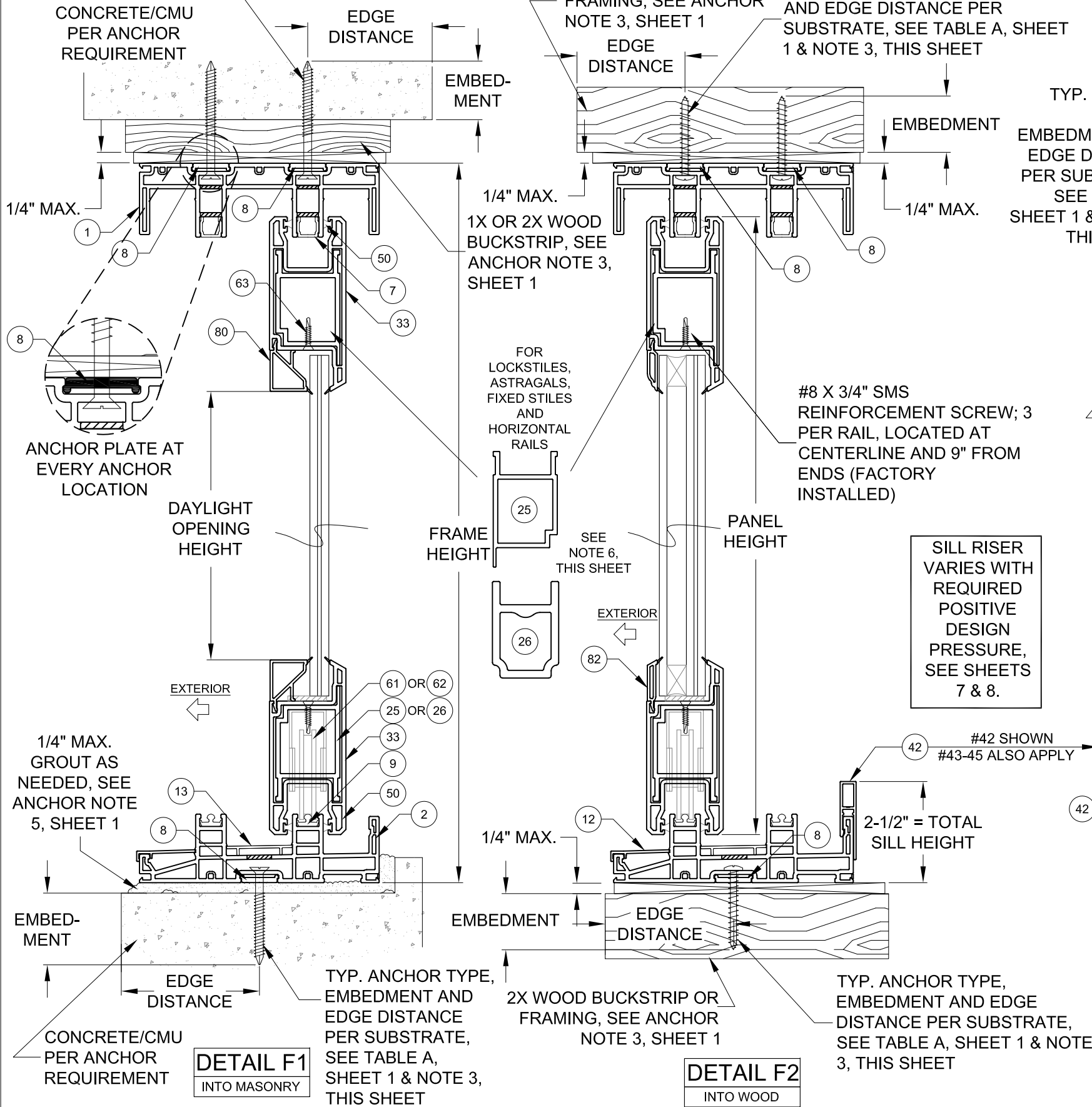
TYP. ANCHOR TYPE, EMBEDMENT AND EDGE DISTANCE PER SUBSTRATE, SEE TABLE A, SHEET 1 & NOTE 3, THIS SHEET

DETAIL E3

INTO MASONRY

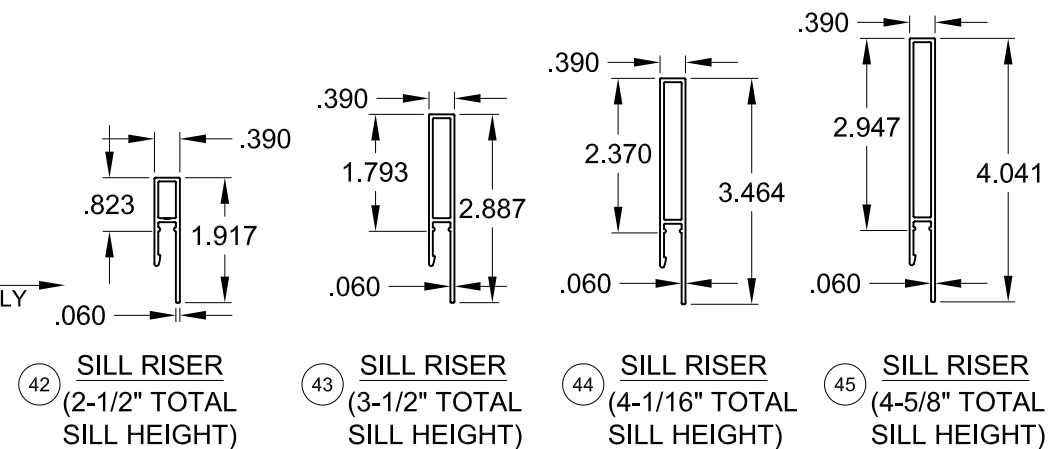
DETAIL E4

INTO METAL



DADE APPROVED MULLION, FBC COMPLIANT ALUMINUM/STEEL FRAMING OR STEEL STUD. MAY BE VERTICAL OR HORIZONTAL. SEE SUBSTRATE PROPERTIES, TABLE A, SHEET 1

DLO WIDTH = NOM. PANEL WIDTH - 8-9/16"
DLO HEIGHT = WINDOW HEIGHT - 11-1/16"
PANEL HEIGHT = WINDOW HEIGHT - 2-1/2"



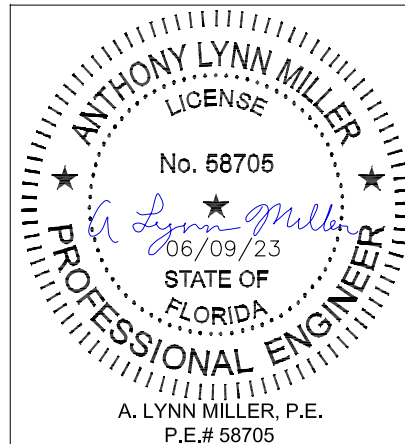
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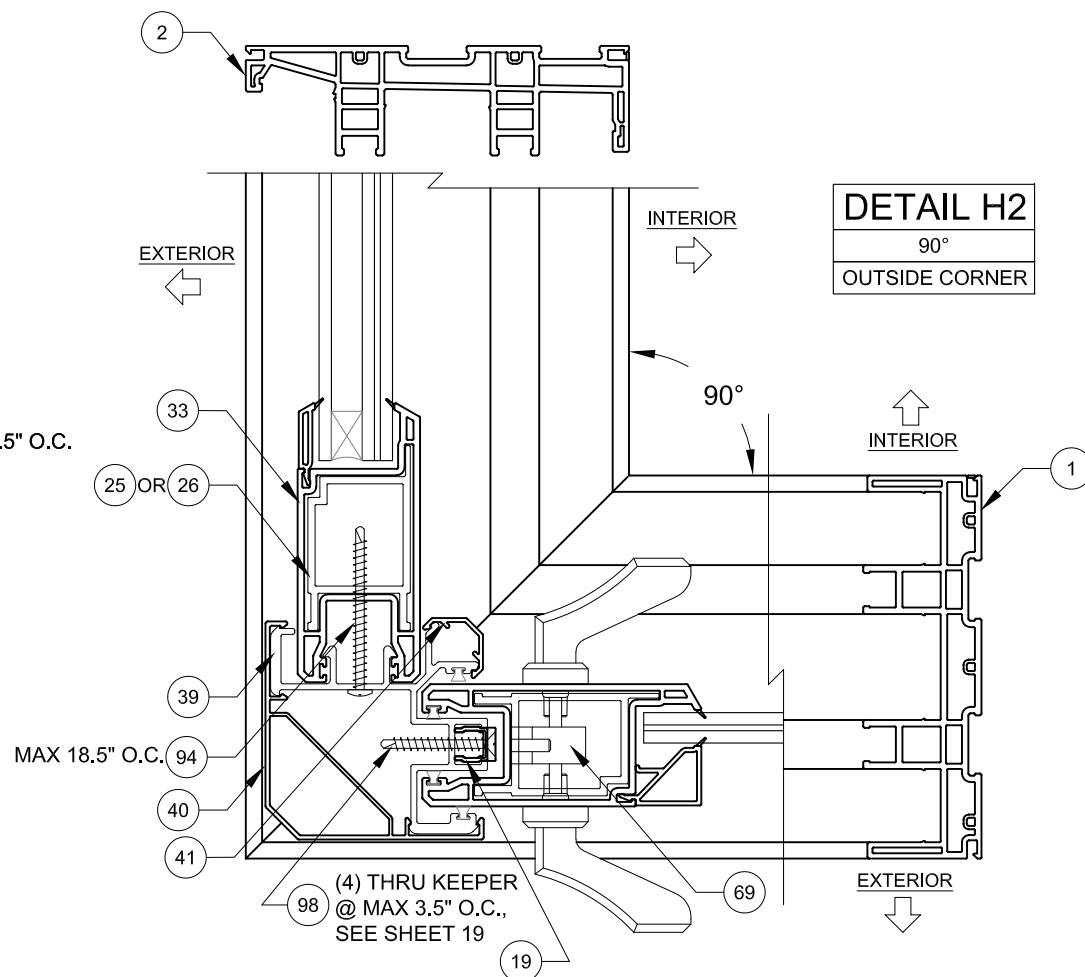
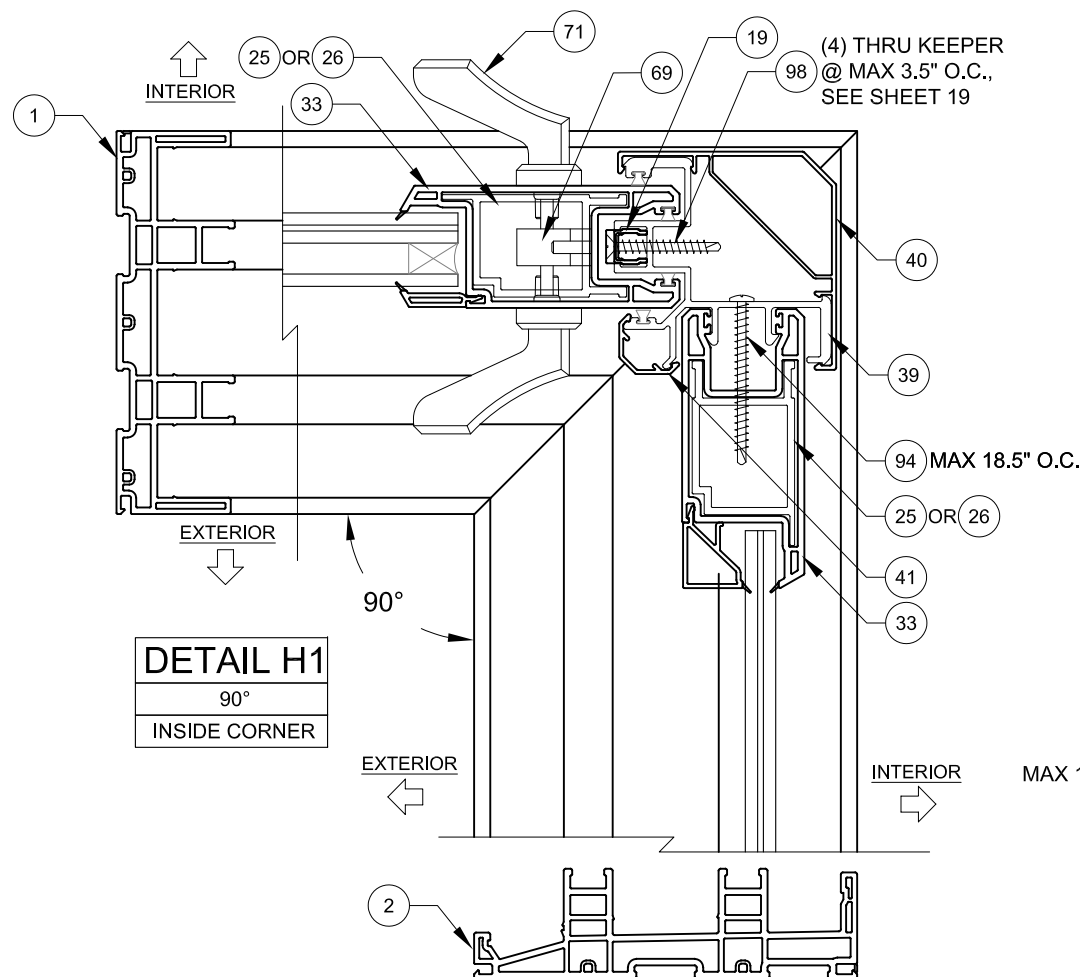
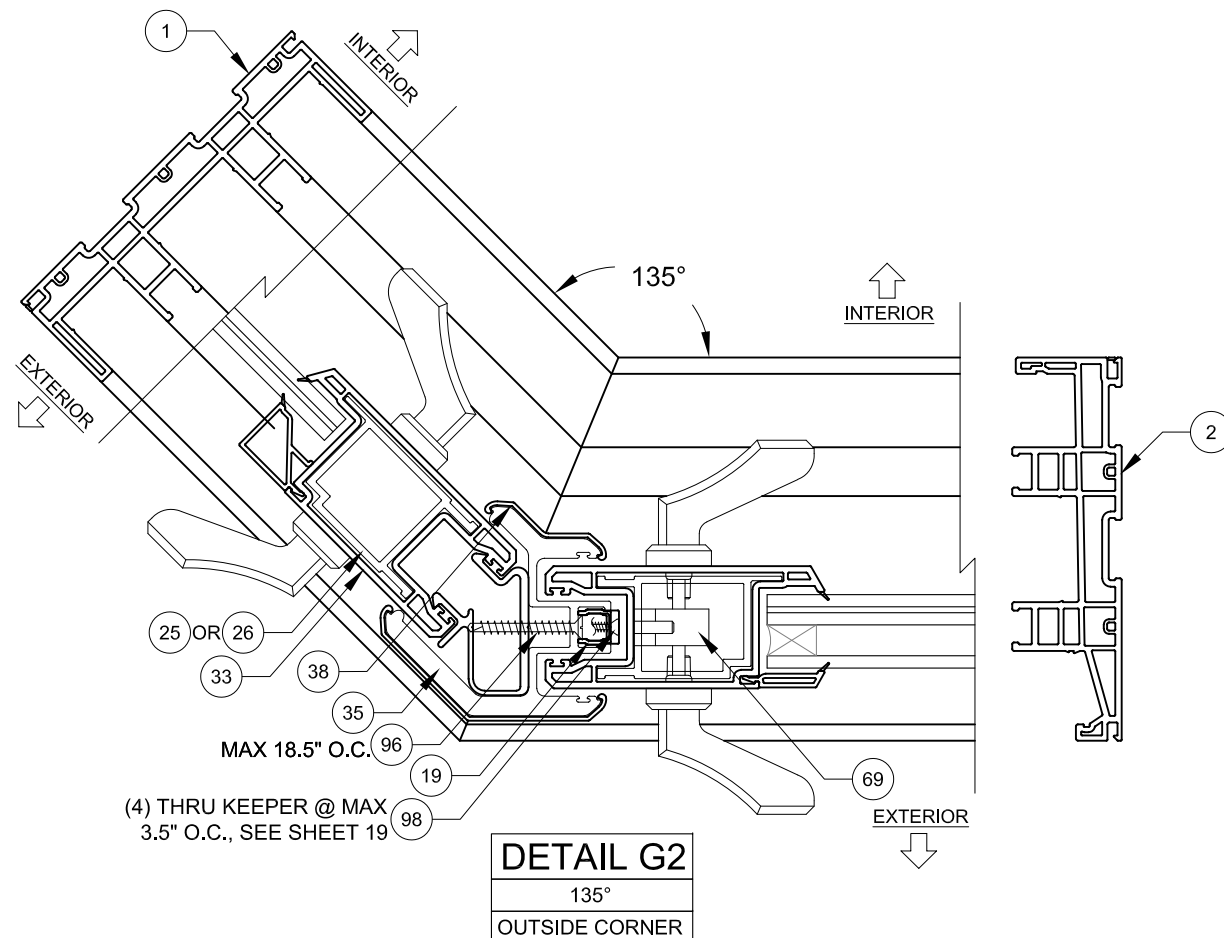
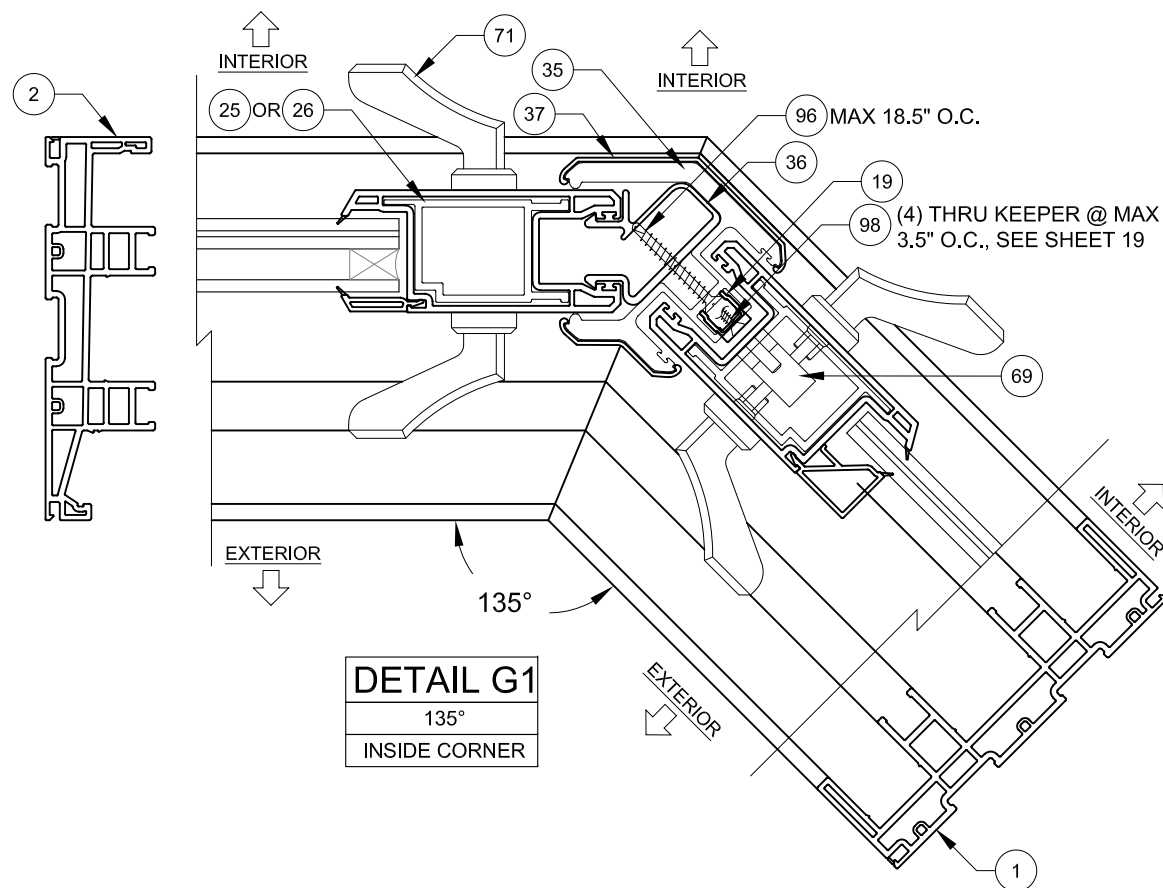
- 1) DETAILS APPLY TO 2, 3 AND 4 TRACK CONFIGURATIONS.
- 2) REFER TO ANCHOR NOTES, SHEET 1.
- 3) SEE SHEETS 11 & 12 FOR ANCHOR LOCATION & SPACING, FOR ANCHOR QUANTITIES, SEE TABLES 1 & 2.
- 4) CONTINUOUS ANCHOR PLATE, ITEM #8, IS REQUIRED AT ALL FRAME ANCHOR LOCATIONS.
- 5) SEE SHEET 20 FOR SCREEN DETAILS.
- 6) SEE TABLES 1 & 2 FOR REINFORCEMENT REQUIREMENTS. ALL REINFORCEMENTS ARE APPROXIMATELY THE FULL LENGTH OF THE EXTRUSION. REFER TO TEST REPORTS FOR EXACT DIMENSIONS.

PRODUCT REVISED
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NOA-No. **23-0710.11**
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By: *Manuel Perez*
Miami-Dade Product Control

UPDATED TO 2023 BUILDING CODE.
JR - 06/06/23

<p>PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275</p>	<p>REGISTRATION #29296 (941) 480-1600</p>	<p>04/14/16 Date</p>	<p>JENS ROSOWSKI By</p>	<p>MD-5570W.0 Rev.</p>
<p>PGT Custom Windows and Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600</p>	<p>VINYL SLIDING GLASS WINDOW (LM)</p>	<p>VERTICAL CROSS SECTIONS</p>	<p>4 OF 21 Sheet</p>	<p>SGD-5570 WINDOW Series</p>






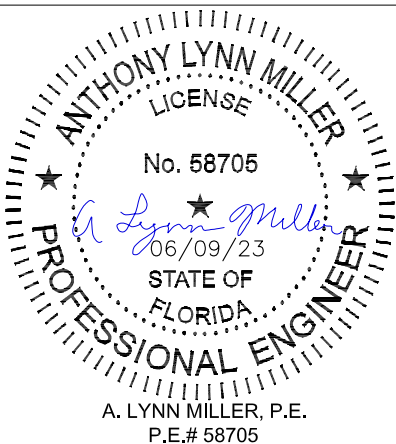
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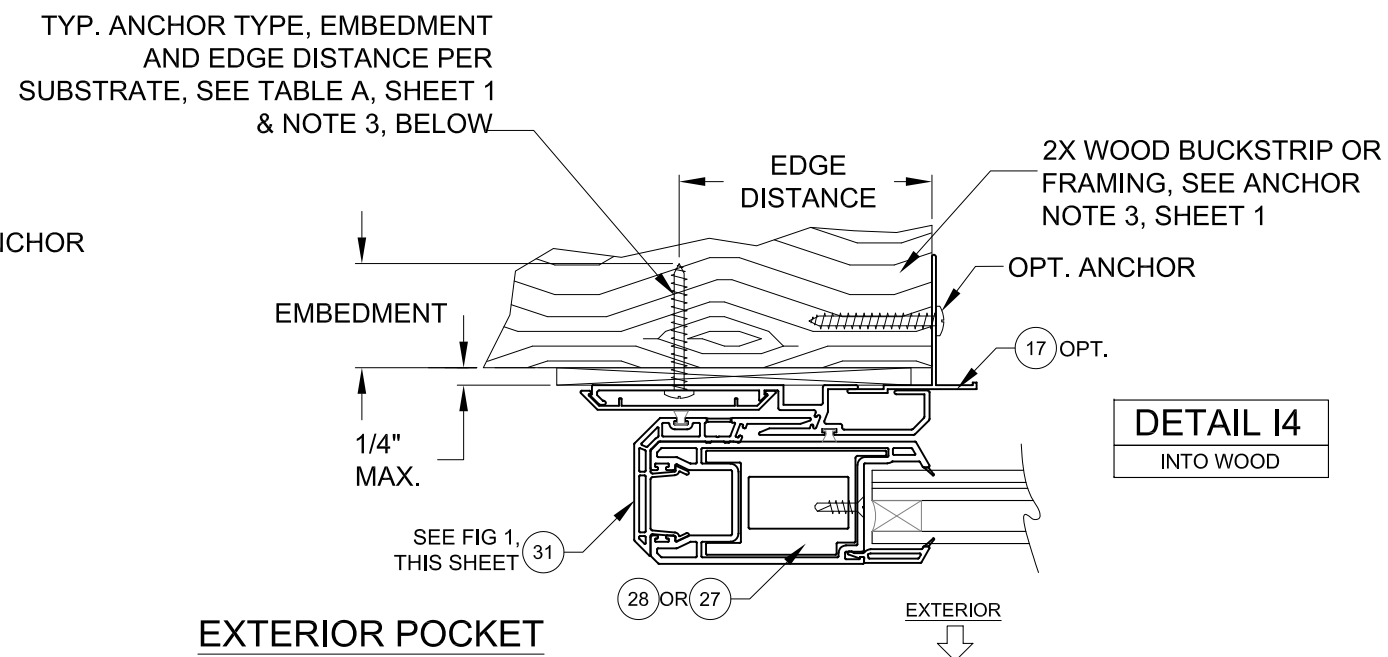
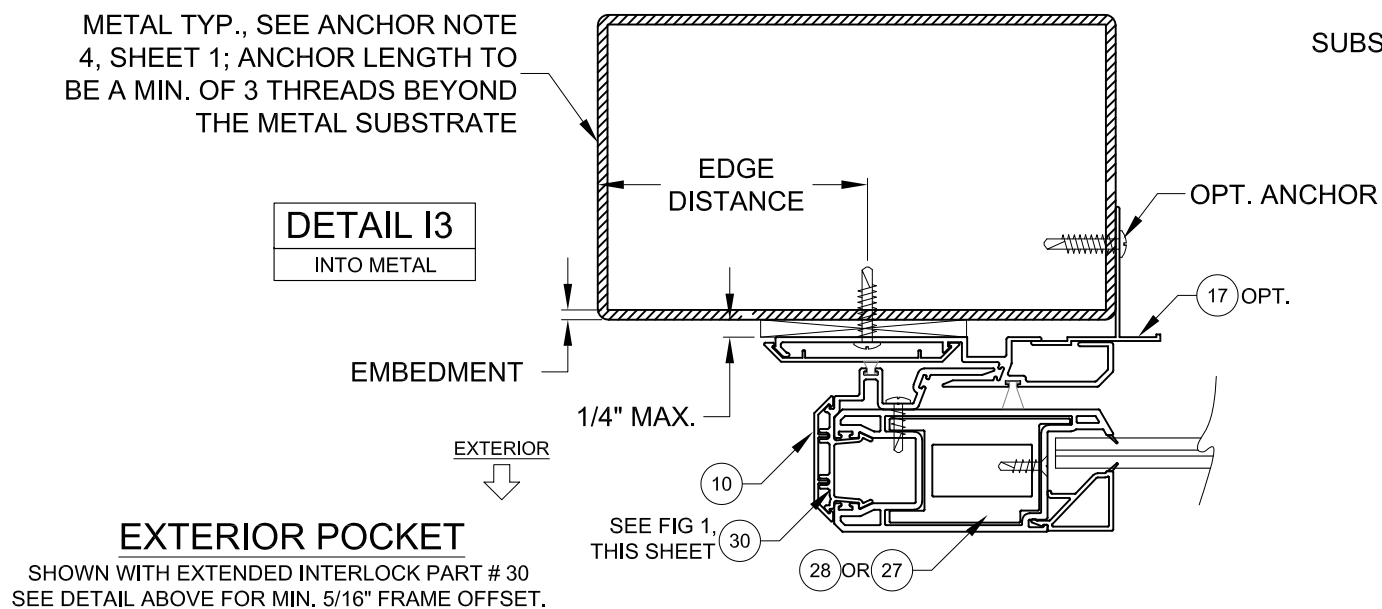
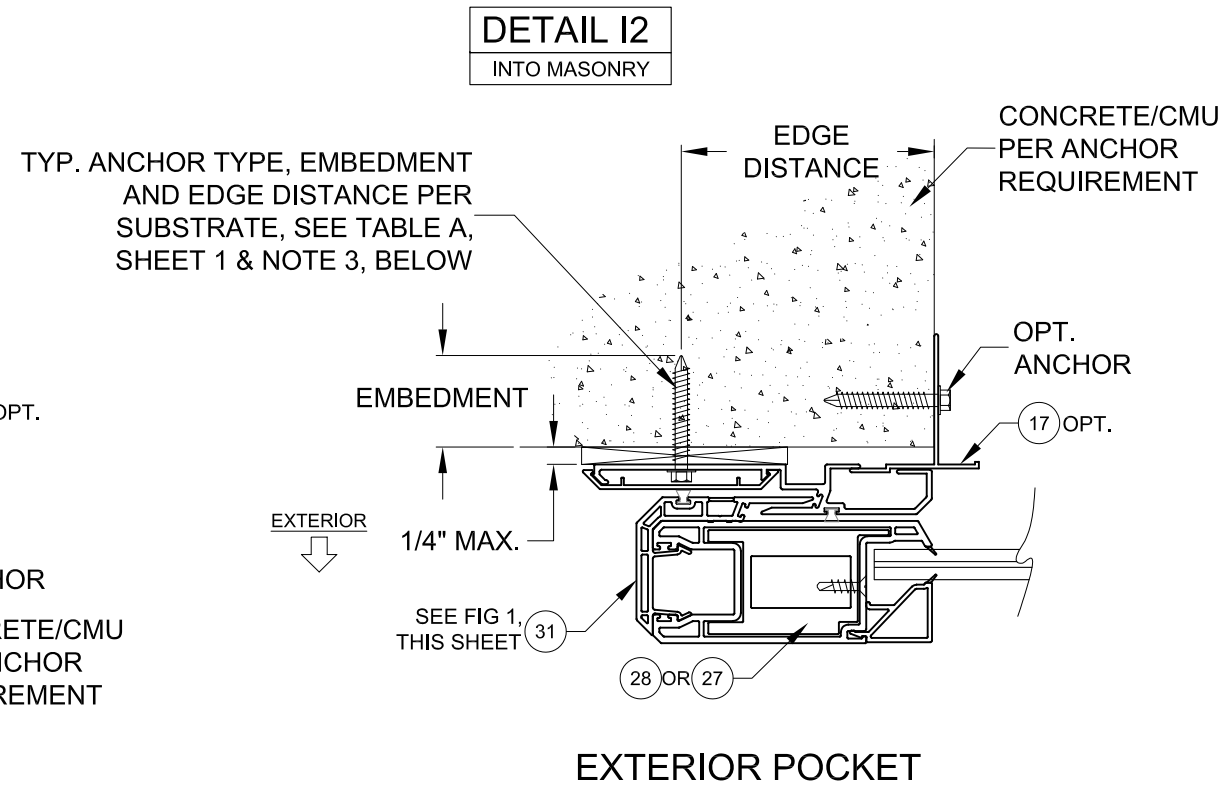
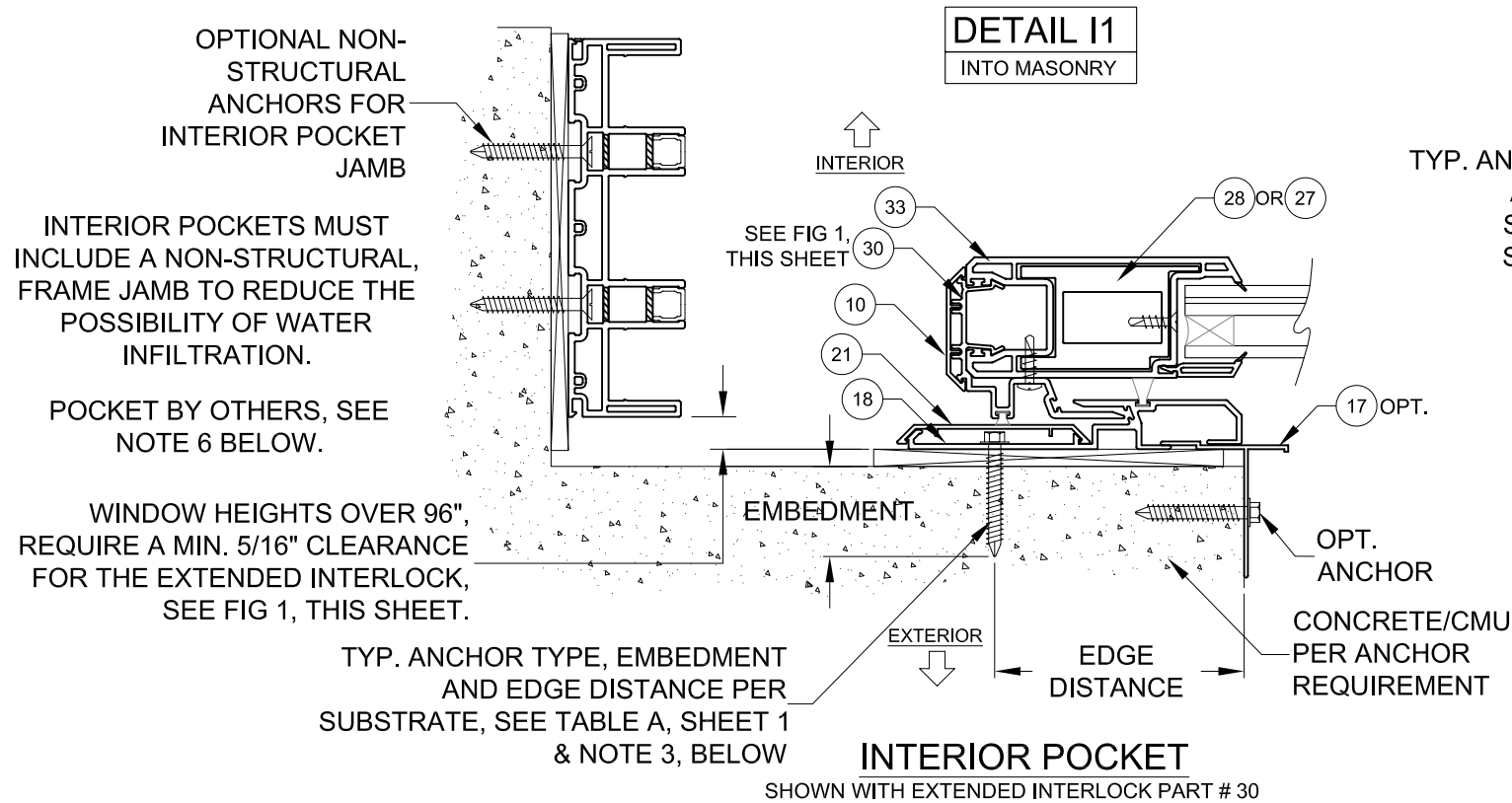
- 1) DETAILS APPLY TO 2, 3 AND 4 TRACK CONFIGURATIONS.
- 2) SEE SHEETS 14 & 15 FOR ANCHOR LOCATION & SPACING, FOR ANCHOR QUANTITIES, SEE TABLES 1 & 2.
- 3) CORNER ASTRAGAL MAY BE EITHER TO THE INTERIOR OR EXTERIOR, DEPENDING ON CONFIGURATION.

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Expiration Date: **08/04/2026**
By: *Manuel Perez*
Miami-Dade Product Control

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BUILDING CODE.
JR - 06/06/23

 Custom Windows and Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		04/14/16		Rev.	F
				Date			
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		VINYL SLIDING GLASS WINDOW (LM)		JENS ROSOWSKI		MD-5570W.0	
		CORNER HORIZ. X-SECTION		Drawn By	DWG No.	5 OF 21	Sheet
		SGD-5570 WINDOW		Desc.			

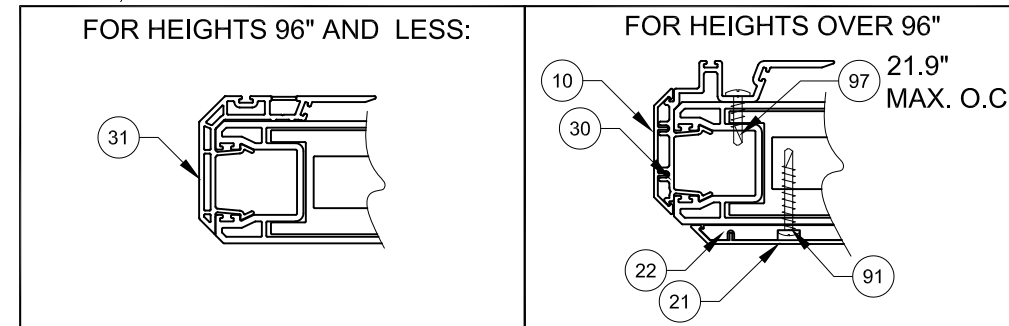




NOTES

- 1) DETAILS APPLY TO 2, 3 AND 4 TRACK CONFIGURATIONS.
- 2) REFER TO ANCHOR NOTES, SHEET 1.
- 3) SEE SHEET 13 FOR ANCHOR LOCATION & SPACING, FOR ANCHOR QUANTITIES, SEE TABLES 1 & 2.
- 4) SEE TABLES 1 & 2 FOR REINFORCEMENT REQUIREMENTS.
- 5) INTERIOR OR EXTERIOR POCKETS APPLICABLE FOR ALL INSTALLATION METHODS.
- 6) POCKET WALL OR CAVITY IS NOT PART OF THIS APPROVAL AND IS TO BE DESIGNED BY OTHERS AND REVIEWED BY THE AUTHORITY HAVING JURISDICTION.

FIGURE 1, INTERLOCKS AT POCKETS:



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JR - 06/06/23

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296 (941) 480-1600	Date	04/14/16	Rev.	F
		By	JENS ROSOWSKI	DWG	MD-5570W.0
		Title	VINYL SLIDING GLASS WINDOW (LM)	Sheet	6 OF 21
		Desc.	POCKET HORIZ. X-SECTION	Series	SGD-5570 WINDOW

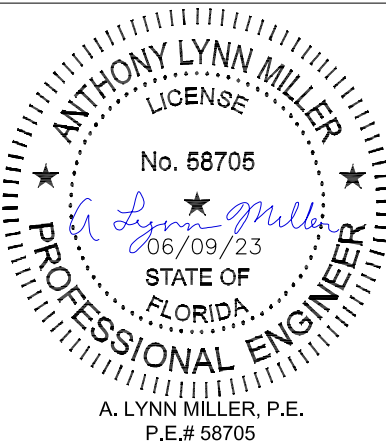


TABLE 1:

Design Pressure (DP) and Anchor Quantities Required (for all approved configurations on Sheet 2)																											
Use this table for: Glass Types 1, 1A, 3 or 3A Astragal Reinforcement #29 Lockstyle Reinforcement #25 or #26 Std. Interlock Reinforcement #27				Window Height																							
				30"				36"				48"				60"				72"				84"			
				18-15/16" DLO Height				24-15/16" DLO Height				36-15/16" DLO Height				48-15/16" DLO Height				60-15/16" DLO Height				72-15/16" DLO Height			
				Anchor Group				Anchor Group				Anchor Group				Anchor Group				Anchor Group				Anchor Group			
				A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
Nominal Panel Width	24"	16-5/8" DLO Width	Design Pressure	+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				+60 / -60 psf			
			Head/Sill	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1
			Jamb	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5
			P-hook	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7
	30"	22-5/8" DLO Width	Design Pressure	+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				+60 / -60 psf			
			Head/Sill	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1
			Jamb	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5
			P-hook	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7
	36"	28-5/8" DLO Width	Design Pressure	+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				+60 / -60 psf			
			Head/Sill	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1
			Jamb	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5
			P-hook	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7
	42"	34-5/8" DLO Width	Design Pressure	+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				+60 / -60 psf			
			Head/Sill	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1
			Jamb	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5
			P-hook	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7
	48"	40-5/8" DLO Width	Design Pressure	+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				+60 / -60 psf			
			Head/Sill	C3+1	C3+1	C3+1	C3+1	C3+2	C3+1	C3+1	C3+1	C3+2	C3+1	C3+1	C3+1	C3+2	C3+1	C3+1	C3+1	C3+2	C3+1	C3+1	C3+1	C5+2	C3+1	C3+1	C3+1
			Jamb	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	6
			P-hook	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	8

ANCHORAGE TYPE PER SUBSTRATE REQUIRED TO ACHIEVE THE DESIGN PRESSURE, USING THE ANCHOR QUANTITIES LISTED BELOW. SEE TABLE A, SHEET 1 FOR COMPLETE ANCHOR LIMITATIONS. THE MAXIMUM DP AT THESE ANCHOR QUANTITIES. ADDITIONALLY, THE MAXIMUM POSITIVE DP DUE TO THE SILL HEIGHT MUST ALSO BE CONSIDERED, SEE TABLE B1, THIS SHEET.

OF ANCHORS THROUGH THE HEAD & SILL. (EX: FOR C3+1, 3 ANCHORS CLUSTERED AT PANEL MEETING POINT AND 1 ANCHOR REQUIRED AT MIDSPAN OF PANEL).

TOTAL # OF ANCHORS THROUGH THE JAMB. THE # OF ANCHORS REQUIRED THROUGH THE P-HOOK, PERPENDICULAR TO THE GLASS.

FIG 1:

OH LENGTH

OH HEIGHT

WINDOW ASSEMBLIES INSTALLED WHERE THE OVERHANG (OH) LENGTH IS EQUAL TO OR GREATER THAN THE OVERHANG HEIGHT IS EXEMPTED FROM WATER INFILTRATION RESISTANCE.

USED IN EXAMPLE ON SHEET 9

TABLE NOTES:

- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED, THE LESSER VALUES OF EITHER TABLE 1 AND TABLE B1 DETERMINES THE WATER LIMITED (+) DP.
- 2) IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED. IF SO, +DP'S SHOWN IN TABLE 1 MAY BE USED.
- 3) SEE SILL RISER TYPES ON SHEET 4.
- 4) SHEET APPLIES TO 2, 3 AND 4 TRACK CONFIGURATIONS.
- 5) REFER TO ANCHOR NOTES, SHEET 1.
- 6) SEE SHEETS 11-16 FOR ANCHOR LOCATION & SPACING

TABLE B1:

Water-Limited (+) Design Pressure		
Sill Riser	Nom. Sill Height	Max. (+) DP Allowed
None	1-11/16"	See Note 2
42	2-1/2"	+38.7 psf
43	3-1/2"	+60.0 psf
44	4-1/16"	+60.0 psf
45	4-5/8"	+60.0 psf

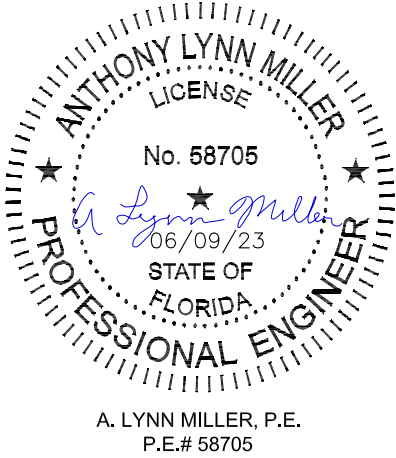
PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. **23-0710.11**
Expiration Date: **08/04/2026**
By: *Manuel Perez*
Miami-Dade Product Control



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

REGISTRATION #29296

Desc.	VINYL SLIDING GLASS WINDOW (LM)		Date	04/14/16
Rev	DP & ANCHOR QUANTITY TABLE	Drawn By	JENS ROSOWSKI	
Rev	UPDATED TO 2023 BUILDING CODE - JR		Rev Date	06/06/23
Series	SGD-5570 WINDOW	Sheet	7 OF 21	DWG No. MD-5570W.0
				Rev. F



DLO WIDTH = NOM. PANEL WIDTH - 7-3/8"
DLO HEIGHT = WINDOW HEIGHT - 11-1/16"
PANEL HEIGHT = WINDOW HEIGHT - 2-1/2"

TABLE 2:

Design Pressure (DP) and Anchor Quantities Required (for all approved configurations on Sheet 2)																											
Use this table for: Glass Types 2, 4, 5 or 6 Astragal Reinforcement #29 Lockstile Reinforcement #25 HD Interlock Reinforcement #28				Window Height																							
				30"				36"				48"				60"				72"				84"			
				18-15/16" DLO Height				24-15/16" DLO Height				36-15/16" DLO Height				48-15/16" DLO Height				60-15/16" DLO Height				72-15/16" DLO Height			
				Anchor Group				Anchor Group				Anchor Group				Anchor Group				Anchor Group				Anchor Group			
				A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
Nominal Panel Width	24"	16-5/8" DLO Width	Design Pressure	+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf			
			Head/Sill	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1
			Jamb	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5
			P-hook	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7
	30"	22-5/8" DLO Width	Design Pressure	+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf			
			Head/Sill	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C5+1	C3+1	C3+1	C3+1
			Jamb	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	5	4	5	5	6	5
			P-hook	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7
	36"	28-5/8" DLO Width	Design Pressure	+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf			
			Head/Sill	C3+1	C3+1	C3+1	C3+1	C3+2	C3+1	C3+1	C3+1	C3+2	C3+1	C3+1	C3+1	C3+2	C3+1	C3+1	C3+1	C5+2	C3+1	C3+1	C3+1	C5+2	C3+1	C5+1	C3+1
			Jamb	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	5	4	5	5	6	5
			P-hook	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7
	42"	34-5/8" DLO Width	Design Pressure	+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf			
			Head/Sill	C3+2	C3+1	C3+2	C3+1	C3+2	C3+1	C3+2	C3+1	C3+2	C3+2	C3+2	C3+1	C3+2	C3+2	C3+2	C3+1	C5+2	C3+2	C5+2	C3+1	C5+2	C5+2	C5+2	C3+1
			Jamb	2	2	2	2	3	3	3	3	3	3	3	3	4	4	5	4	4	4	6	4	5	5	7	5
			P-hook	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7
	48"	40-5/8" DLO Width	Design Pressure	+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf			
			Head/Sill	C3+2	C3+2	C3+2	C3+1	C3+2	C3+2	C3+2	C3+1	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C5+2	C3+2	C5+2	C3+2	C5+2	C5+2	C5+2	C3+2
			Jamb	2	2	2	2	3	3	3	3	3	3	3	3	4	4	5	4	4	4	6	4	5	5	8	5
			P-hook	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	8	8
	54"	46-5/8" DLO Width	Design Pressure	+80 / -80 psf				+80 / -80 psf				+80 / -80 psf				+80 / -80 psf				+80 / -80 psf				+80 / -80 psf			
			Head/Sill	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C5+2	C3+2	C3+2	C3+2	C5+2	C3+2	C5+2	C3+2
			Jamb	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	5	4	5	5	7	5
			P-hook	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7
	60"	52-5/8" DLO Width	Design Pressure	+80 / -80 psf				+80 / -80 psf				+80 / -80 psf				+80 / -80 psf				+80 / -80 psf				+80 / -80 psf			
			Head/Sill	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C3+3	C3+2	C3+2	C3+2	C3+3	C3+2	C3+3	C3+2	C5+3	C3+2	C3+3	C3+2	C5+3	C3+2	C5+3	C3+2
			Jamb	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	5	4	5	5	7	5
			P-hook	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7

* +/-100.0 PSF FOR ANCHOR GROUPS B, C & D.

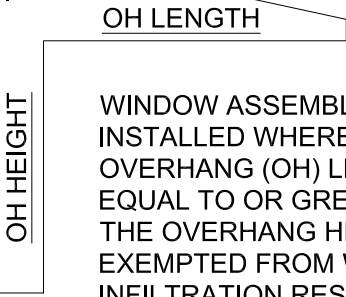
ANCHORAGE TYPE PER SUBSTRATE REQUIRED TO ACHIEVE THE DESIGN PRESSURE, USING THE ANCHOR QUANTIES LISTED BELOW. SEE TABLE A, SHEET 1 FOR COMPLETE ANCHOR LIMITATIONS.

THE MAXIMUM DP AT THESE ANCHOR QUANTITIES. ADDITIONALLY, THE MAXIMUM POSITIVE DP DUE TO THE SILL HEIGHT MUST ALSO BE CONSIDERED, SEE TABLE B1, THIS SHEET.

OF ANCHORS THROUGH THE HEAD & SILL. (EX: FOR C3+1, 3 ANCHORS CLUSTERED AT PANEL MEETING POINT AND 1 ANCHOR REQUIRED AT MIDSPAN OF PANEL).

TOTAL # OF ANCHORS THROUGH THE JAMB. THE # OF ANCHORS REQUIRED THROUGH THE P-HOOK, PERPENDICULAR TO THE GLASS.

FIG 1:



WINDOW ASSEMBLIES INSTALLED WHERE THE OVERHANG (OH) LENGTH IS EQUAL TO OR GREATER THAN THE OVERHANG HEIGHT IS EXEMPTED FROM WATER INFILTRATION RESISTANCE.

TABLE NOTES:

- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED,THE LESSER VALUES OF EITHER TABLE 2 AND TABLE B2 DETERMINES THE WATER LIMITED (+) DP.
- 2) IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED. IF SO, +DP'S SHOWN IN TABLE 2 MAY BE USED.
- 3) SEE SILL RISER TYPES ON SHEET 4.
- 4) SHEET APPLIES TO 2, 3 AND 4 TRACK CONFIGURATIONS.
- 5) REFER TO ANCHOR NOTES, SHEET 1.
- 6) SEE SHEETS 11-16 FOR ANCHOR LOCATION & SPACING

TABLE B2:

Water-Limited (+) Design Pressure		
Sill Riser	Nom. Sill Height	Max. (+) DP Allowed
None	1-11/16"	See Note 2
42	2-1/2"	+38.7 psf
43	3-1/2"	+60.0 psf
44	4-1/16"	+80.0 psf
45	4-5/8"	+100.0 psf

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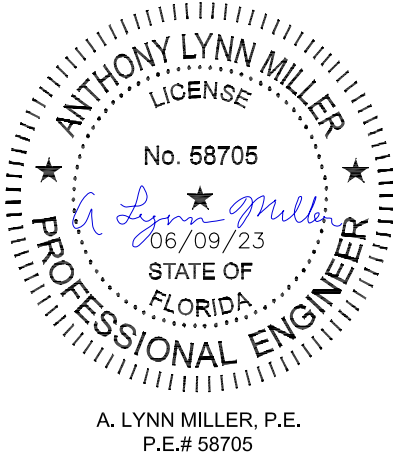
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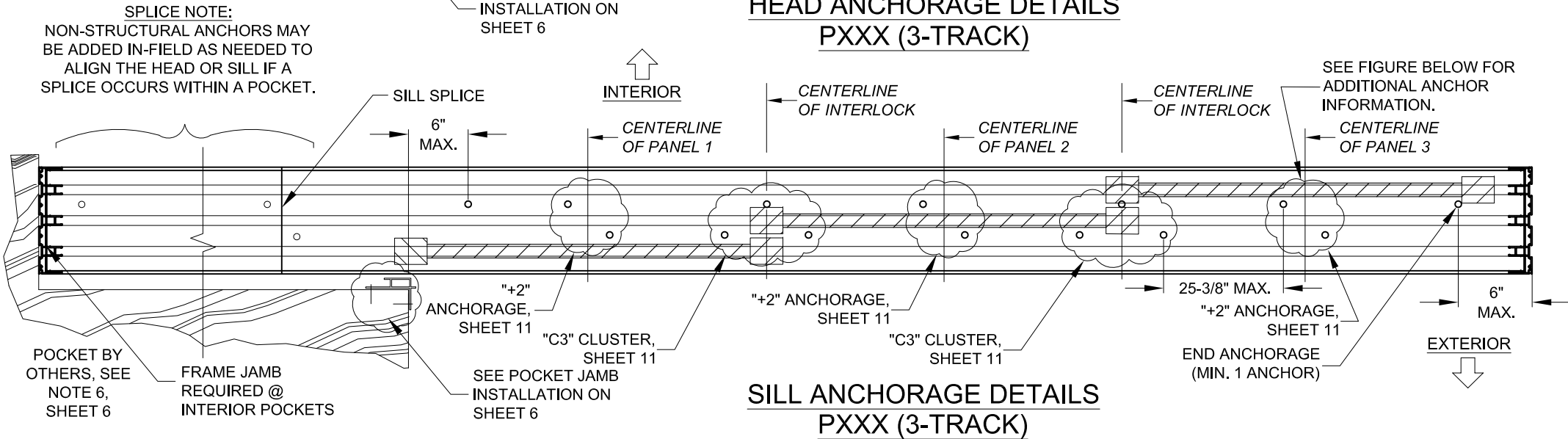
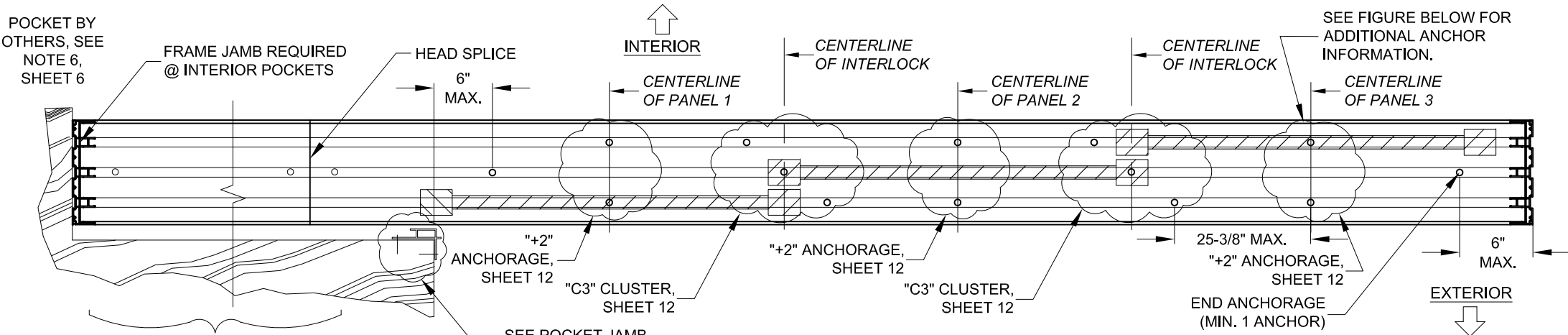
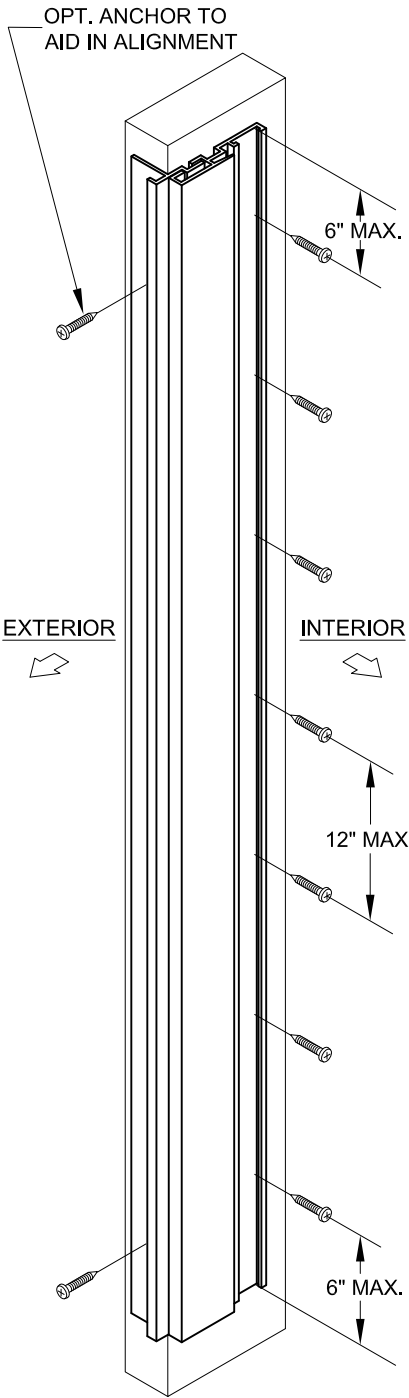
Title	VINYL SLIDING GLASS WINDOW (LM)		Date	04/14/16
Desc.	DP & ANCHOR QUANTITY TABLE	Drawn By	JENS ROSOWSKI	
Rev	UPDATED TO 2023 BUILDING CODE - JR		Rev Date	06/06/23
Series	SGD-5570 WINDOW	Sheet	8 OF 21	DWG No. MD-5570W.0
		Rev.	F	



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

DLO WIDTH = NOM. PANEL WIDTH - 7-3/8"
DLO HEIGHT = WINDOW HEIGHT - 11-1/16"
PANEL HEIGHT = WINDOW HEIGHT - 2-1/2"

EXAMPLE:
3-PANEL, 3 TRACK, STRAIGHT
CONFIGURATION - PXXX,
INTERIOR MOUNT POCKET, 48" X 84"
NOM. PANELS,
LAMINATED, IG GLAZING, ANCHOR
GROUP A IN WOOD SUBSTRATE,
PROJECT DESIGN PRESSURE
REQUIRED: +48.2/-58.6 PSF



1) KNOWING THE PRODUCT'S REQUIREMENTS, SCAN THROUGH TABLES 1 & 2 FOR A DESIGN PRESSURE THAT MEETS OR EXCEEDS THE REQUIREMENT OF +48.2/-58.6 AT A NOM. PANEL SIZE OF 48" X 84". FROM TABLE 1, SHEET 7, THE DESIGN PRESSURE IS +60/-60 WHICH EXCEEDS THE PROJECT DESIGN PRESSURE REQUIREMENTS.

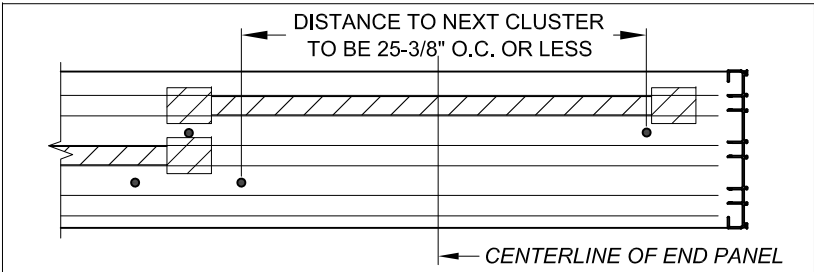
FOR WOOD INSTALLATION USING ANY ANCHOR IN GROUP A (SEE TABLE A), TABLE 1 SHOWS ANCHOR REQUIREMENTS OF:

Head/Sill	C3+2
Jamb	5
P-hook	7

2) ANCHOR LOCATION DETAILS, CAN BE FOUND ON:
HEAD (CLUSTER ANCHORS): SHEET 12 FOR THE "C3" CLUSTER ANCHORS AT THE INTERLOCK/ASTRAGAL.
HEAD (INTERMEDIATE ANCHORS): SHEET 12 FOR THE "+2 ANCHORS AT THE MIDSPAN OF EACH PANEL.
SILL (CLUSTER ANCHORS): SHEET 11 FOR THE "C3" CLUSTER ANCHORS AT THE INTERLOCK/ASTRAGAL.
SILL (INTERMEDIATE ANCHORS): SHEET 11 FOR THE "+2 ANCHORS AT THE MIDSPAN OF EACH PANEL.
JAMB: 5 ANCHORS, SHEET 13 FOR GEN. LAYOUT.
P-HOOK: 7 ANCHORS, SHEET 13 FOR GENERAL LAYOUT.

3) INSTALLATION DETAILS INTO WOOD CAN BE FOUND ON:
HEAD & SILL: SHEET 4
JAMB: SHEET 3
P-HOOK: SHEET 6

END PANEL ANCHOR EXCEPTION:



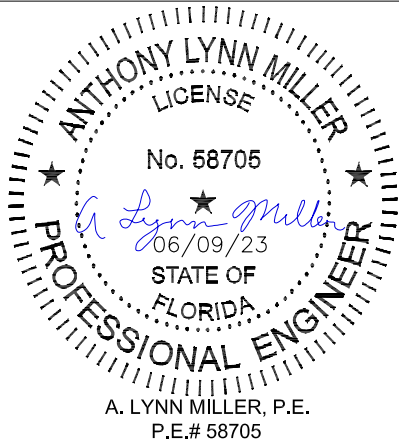
FOR SILL (SHOWN) AND HEAD, ANCHORS AT THE MIDPOINT OF END PANELS ARE ONLY REQUIRED IF THE O.C. DISTANCE TO THE NEXT ANCHOR CLUSTER IS OVER 25-3/8", OTHERWISE ANCHORS ARE NOT REQUIRED AS PER THE FIGURE ABOVE:

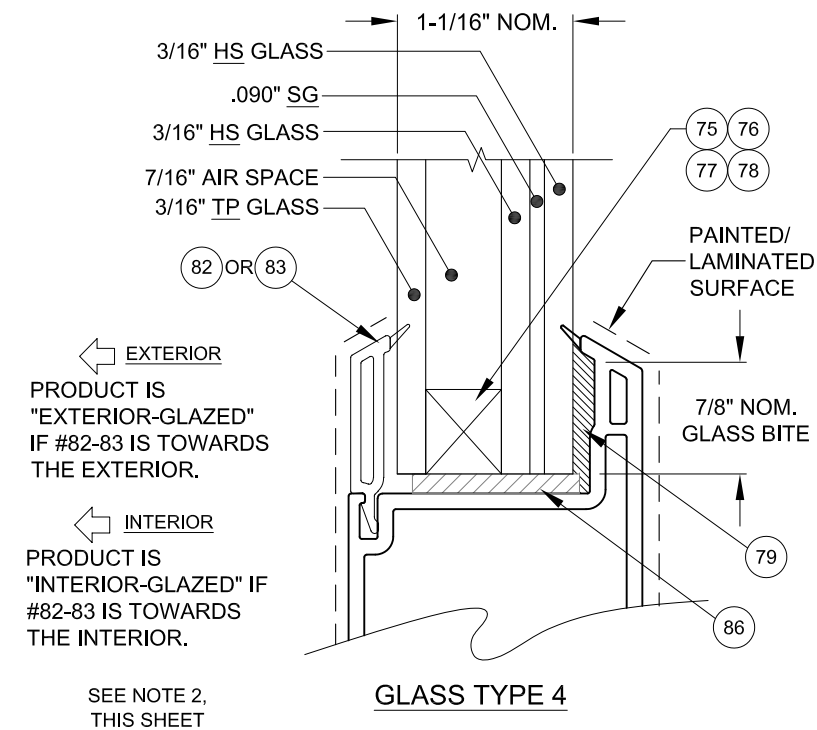
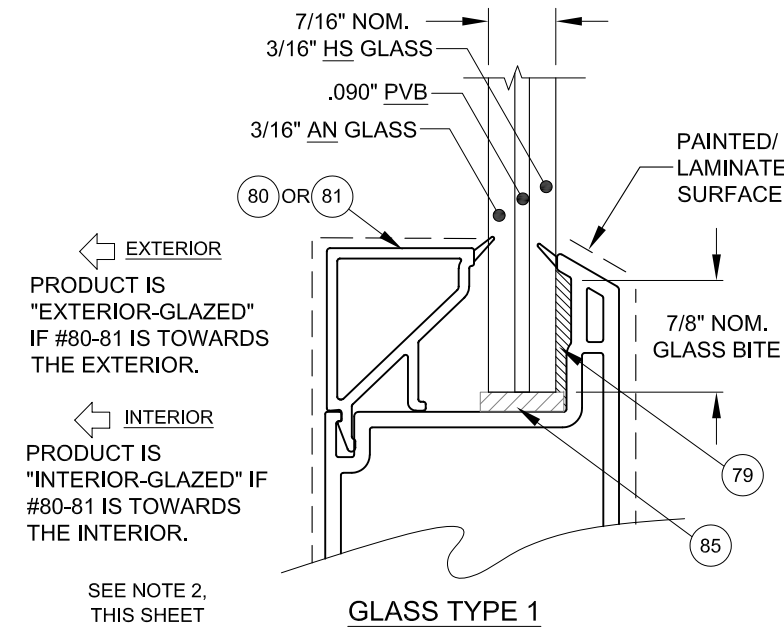
FOR PRODUCT REFERENCES, ALSO SEE:
A) SHEET 2 FOR ALLOWABLE CONFIGURATIONS AND EXACT LOCATIONS OF CROSS-SECTION DRAWINGS.
B) SHEET 10 FOR SPECIFIC GLAZING TYPES.
C) SHEET 17 FOR ALLOWABLE PANEL TYPES AND CALL NAMES.
D) SHEETS 4 & 18 FOR EXTRUSION CROSS-SECTION DRAWINGS.
E) SHEET 19 FOR INSTALLATION OF ADDITIONAL ACCESSORIES.
F) SHEET 21 FOR A BILL OF MATERIALS.

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Miami-Dade Product Control

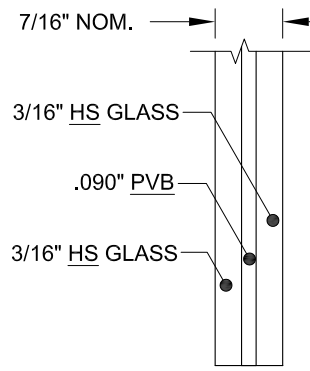
UPDATED TO 2023
BUILDING CODE.
JR - 06/06/23

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	VINYL SLIDING GLASS WINDOW (LM)	Date	04/14/16	Rev.	F
		By	JENS ROSOWSKI	DWG	MD-5570W.0
		Sheet	9 OF 21		
		Series	SGD-5570 WINDOW		

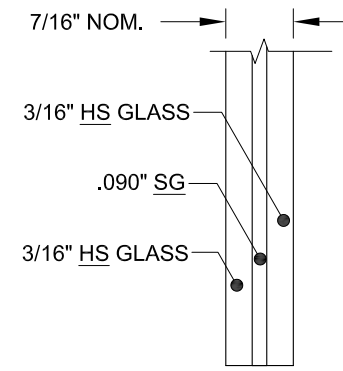




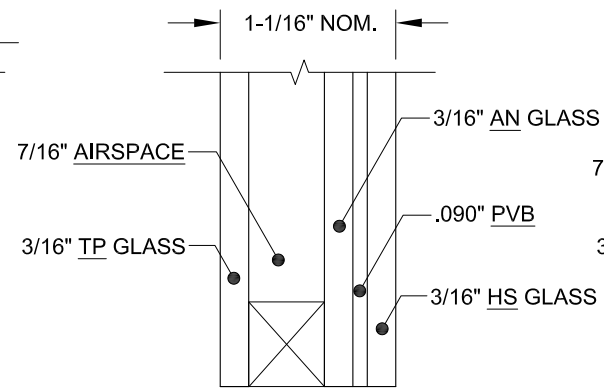
"AN" = ANNEALED
"HS" = HEAT STRENGTHENED
"TP" = TEMPERED
"PVB" = TROSIFOL® PVB INTERLAYER BY KURARAY AMERICA, INC.
"SG" = SENTRYGLAS® INTERLAYER BY KURARAY AMERICA, INC.
"PVB PLUS" = MODIFIED TROSIFOL® PVB INTERLAYER BY KURARAY AMERICA, INC.



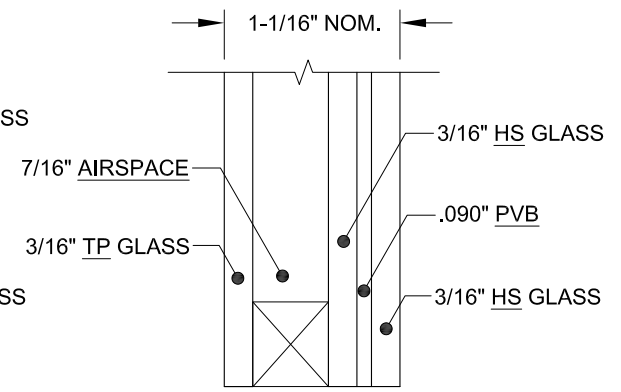
GLASS TYPE 1A



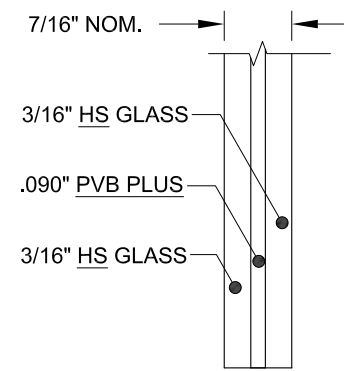
GLASS TYPE 2



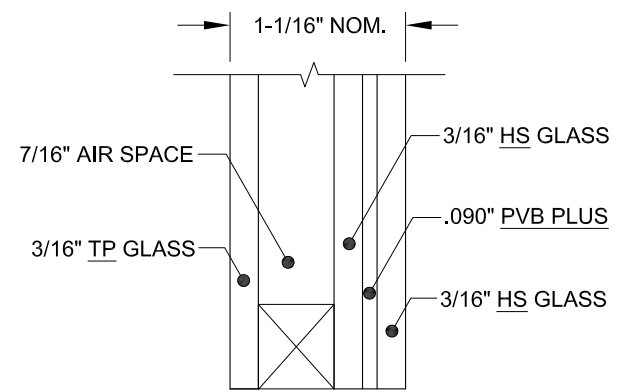
GLASS TYPE 3



GLASS TYPE 3A



GLASS TYPE 5



GLASS TYPE 6

NOTES:
1) BACKBEDDING SURFACES SHALL NOT BE PAINTED OR LAMINATED.
2) PRODUCT MAY BE EITHER INTERIOR OR EXTERIOR GLAZED, PROVIDED THAT THE "HS" SURFACE OF A LAMINATED GLAZING UNIT IS ADHERED TO THE GLAZING LEG.

TABLE B:

Glass Type	Description (Listed from Exterior to Interior)
1	7/16" Lami.: 3/16" AN - .090" PVB - 3/16" HS (Externally-glazed)
1	7/16" Lami.: 3/16" HS - .090" PVB - 3/16" AN (Internally-glazed)
1A	7/16" Lami.: 3/16" HS - .090" PVB - 3/16" HS
2	7/16" Lami.: 3/16" HS - .090" SG - 3/16" HS
3	1-1/16" Lami. I.G.: 3/16" TP - AIR - 3/16" AN - .090" PVB - 3/16" HS (Externally-glazed)
3	1-1/16" Lami. I.G.: 3/16" TP - AIR - 3/16" HS - .090" PVB - 3/16" AN (Internally-glazed)
3A	1-1/16" Lami. I.G.: 3/16" TP - AIR - 3/16" HS - .090" PVB - 3/16" HS
4	1-1/16" Lami. I.G.: 3/16" TP - AIR - 3/16" HS - .090" SG - 3/16" HS
5	9/16" Lami.: 3/16" HS - .090" PVB PLUS - 3/16" HS
6	1-1/16" Lami. I.G.: 3/16" TP - AIR - 3/16" HS - .090" PVB PLUS - 3/16" HS

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

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REGISTRATION #29296

04/14/16

JENS ROSOWSKI

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VINYL SLIDING GLASS WINDOW (LM)

GLAZING DETAILS

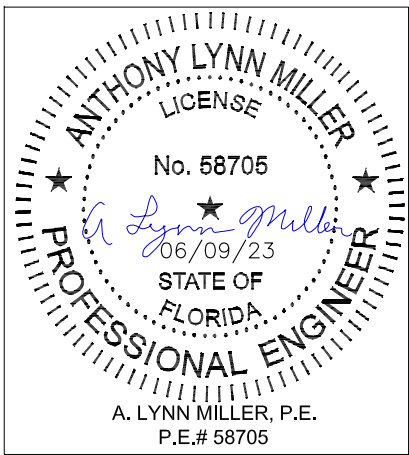
SGD-5570 WINDOW

10 OF 21

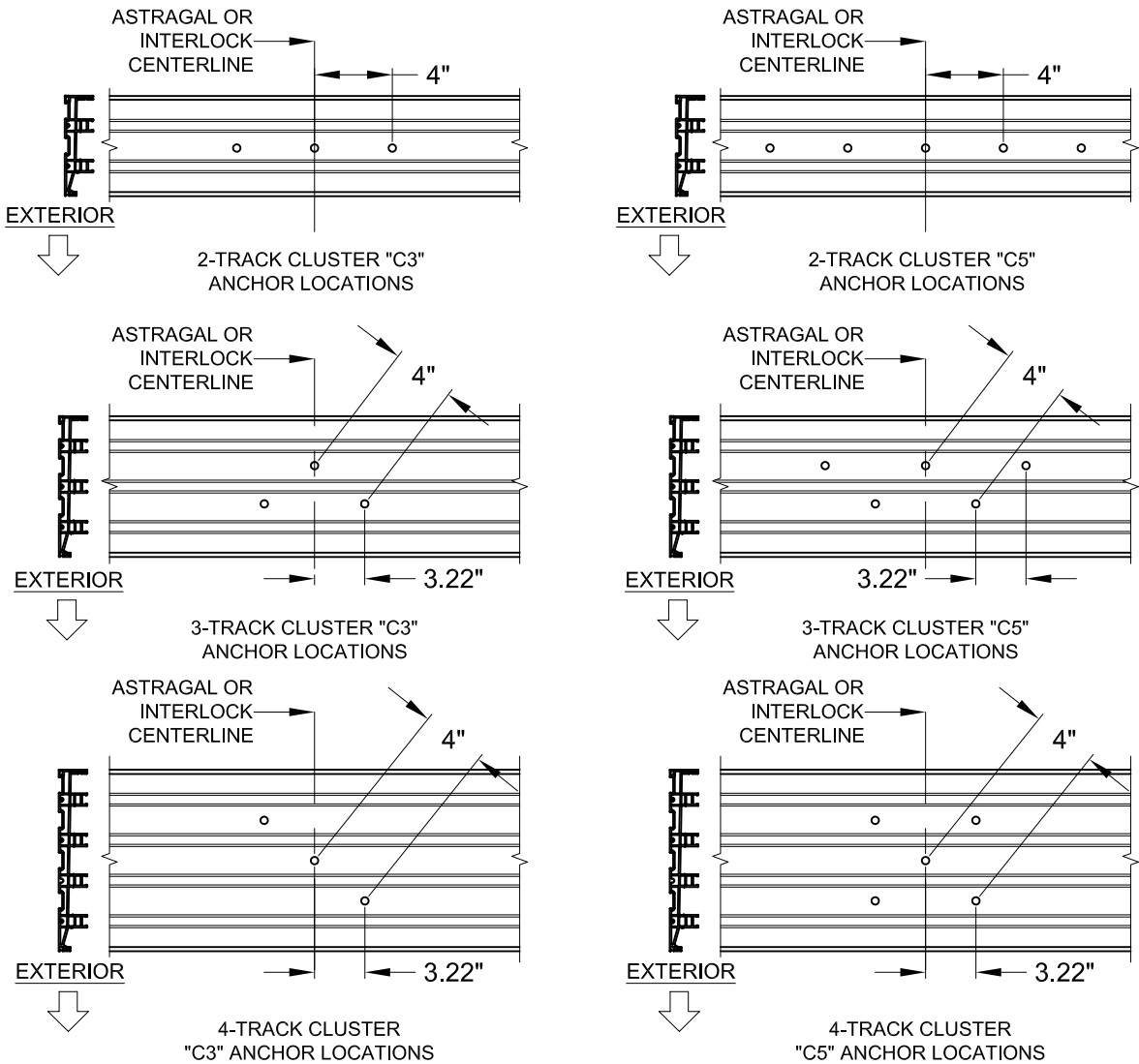
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10/21

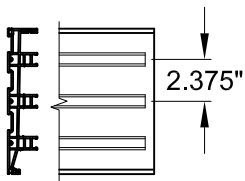
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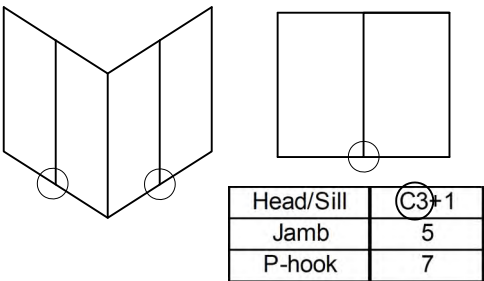
SILL CLUSTER ANCHORS LAYOUT:



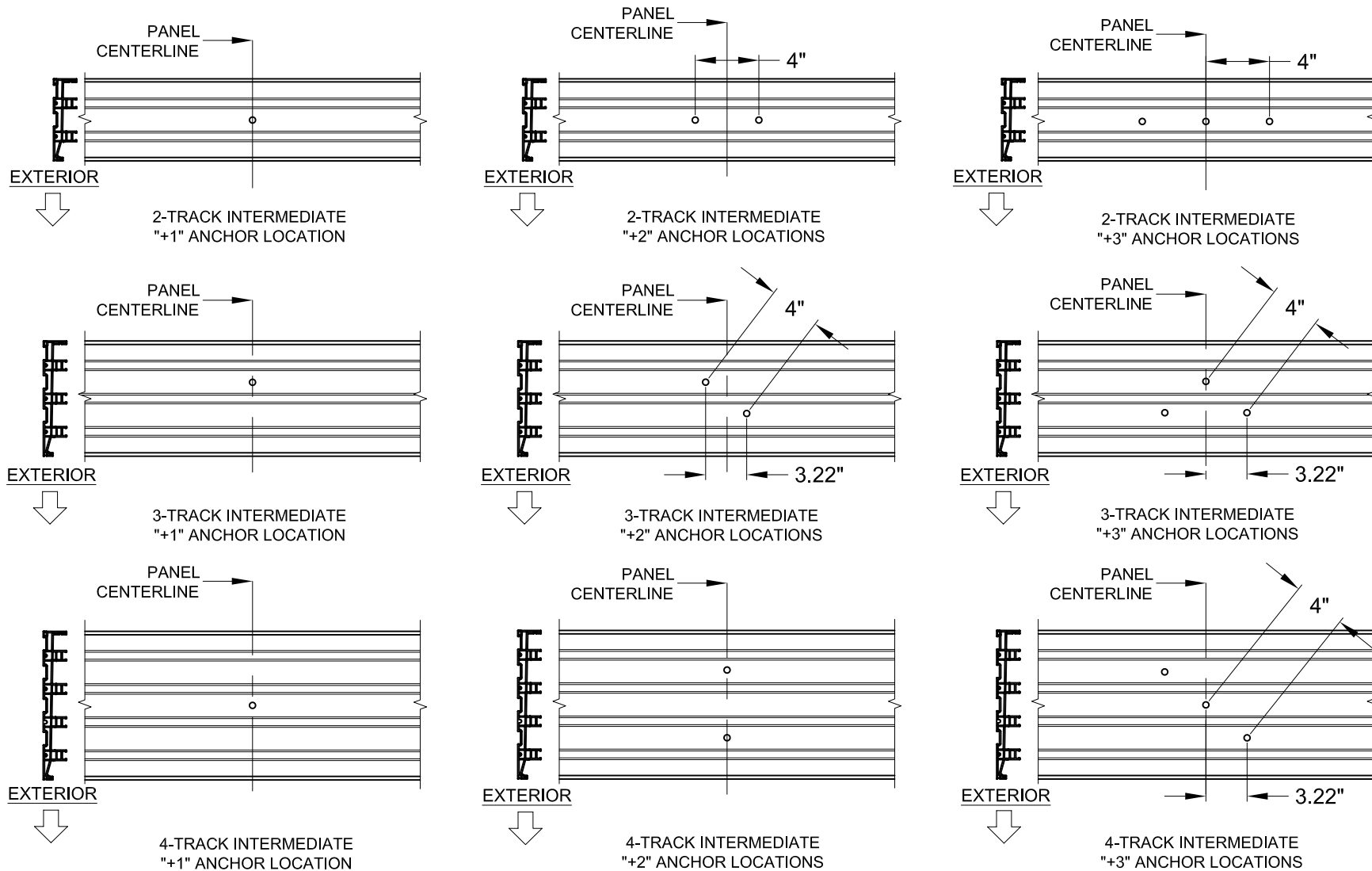
NOTES:
1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
2) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL SILLS:



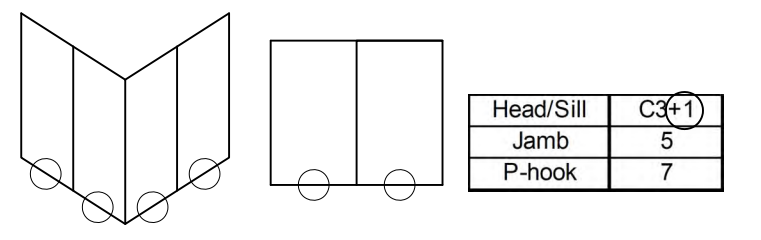
FIGURES PERTAIN TO THE FOLLOWING SILL CLUSTER ANCHOR LOCATIONS:



SILL "+" INTERMEDIATE ANCHORS LAYOUT:

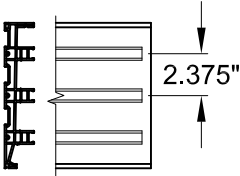


FIGURES PERTAIN TO THE FOLLOWING SILL INTERMEDIATE ANCHOR LOCATIONS:



NOTES:
1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.

2) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL SILLS:



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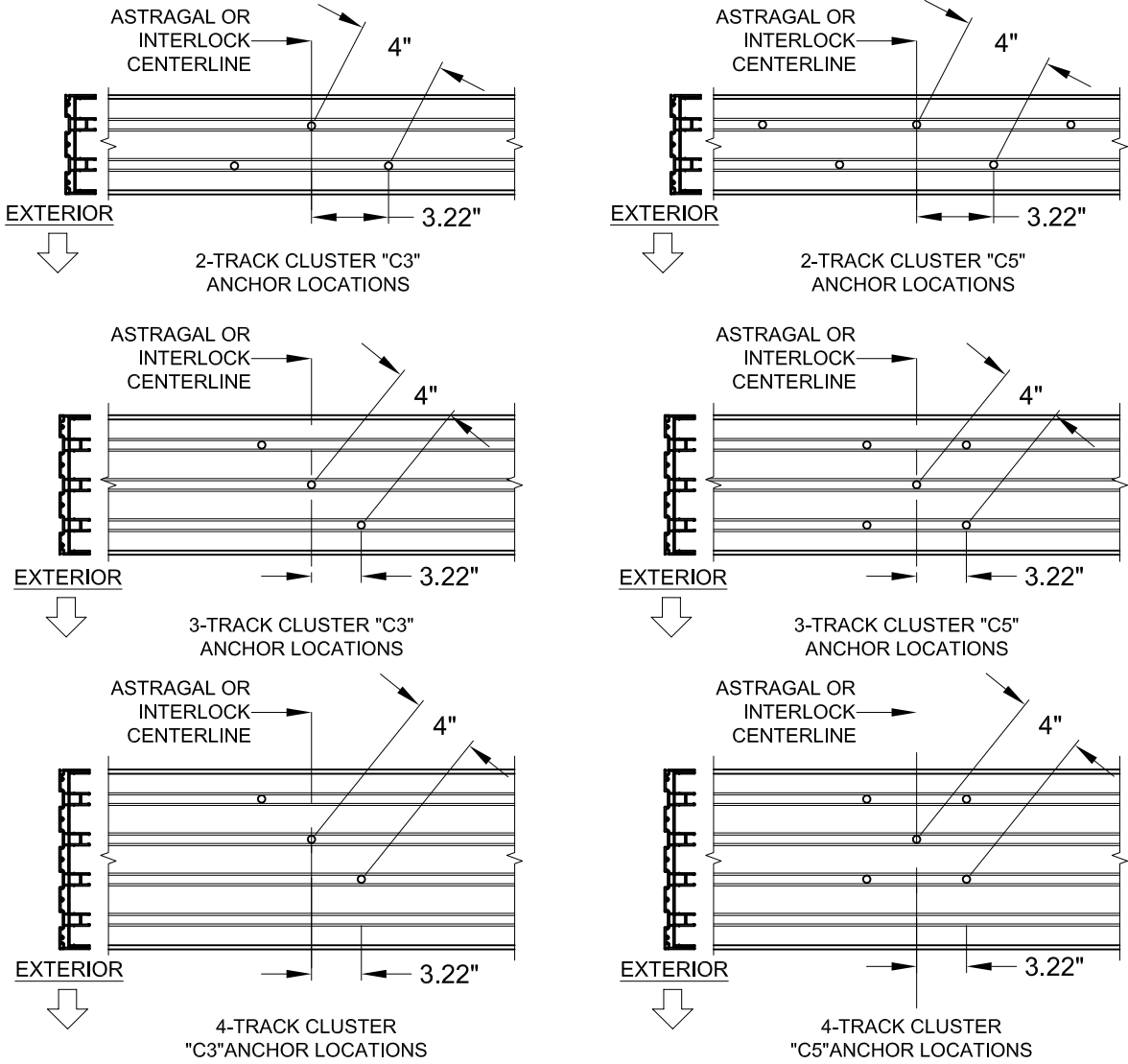
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REGISTRATION #29296

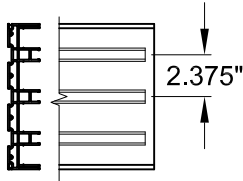
Series	Desc.	Title	Date	Rev	Date	Rev	F
SGD-5570 WINDOW	11 OF 21	VINYL SLIDING GLASS WINDOW (LM)	04/14/16	JENS ROSOWSKI	06/06/23	MD-5570W.0	F

ANTHONY LYNN MILLER
LICENSE
No. 58705
06/09/23
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

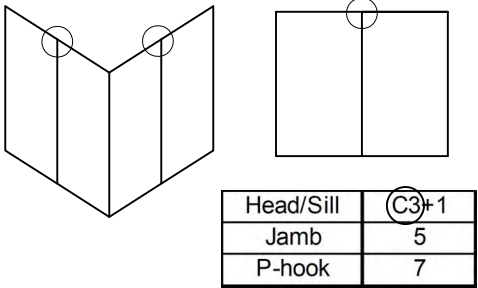
HEAD CLUSTER ANCHORS LAYOUT:



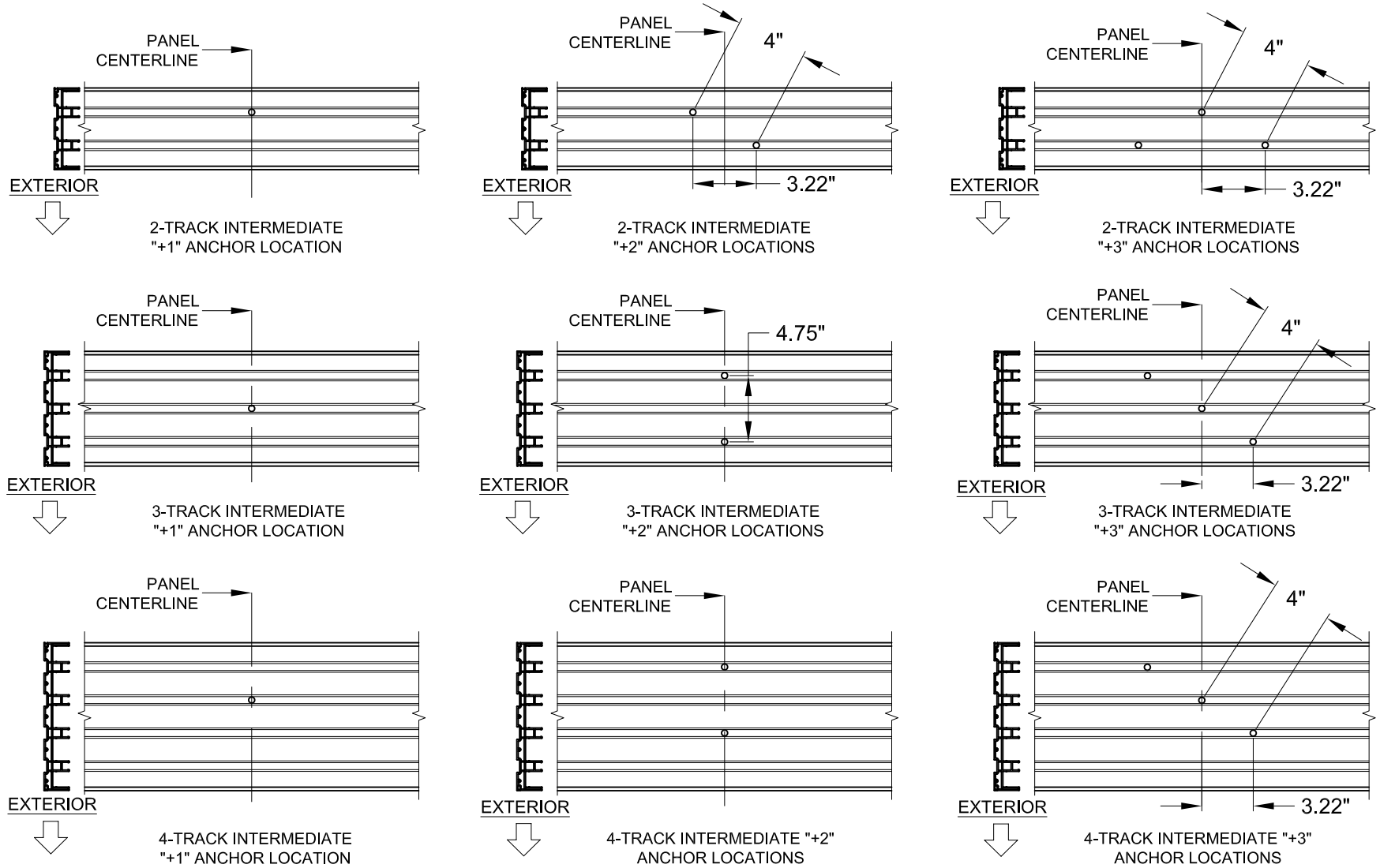
NOTES:
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2) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL HEADS:



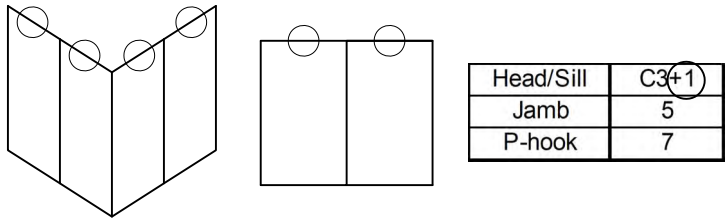
FIGURES PERTAIN TO THE FOLLOWING HEAD CLUSTER ANCHOR LOCATIONS:



HEAD "+" INTERMEDIATE ANCHORS LAYOUT:

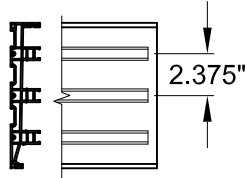


FIGURES PERTAIN TO THE FOLLOWING HEAD INTERMEDIATE ANCHOR LOCATIONS:



NOTES:
1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.

2) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL SILLS:

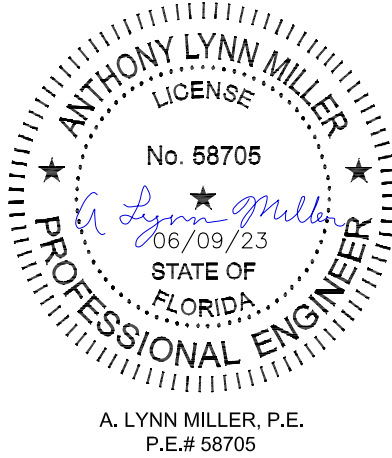


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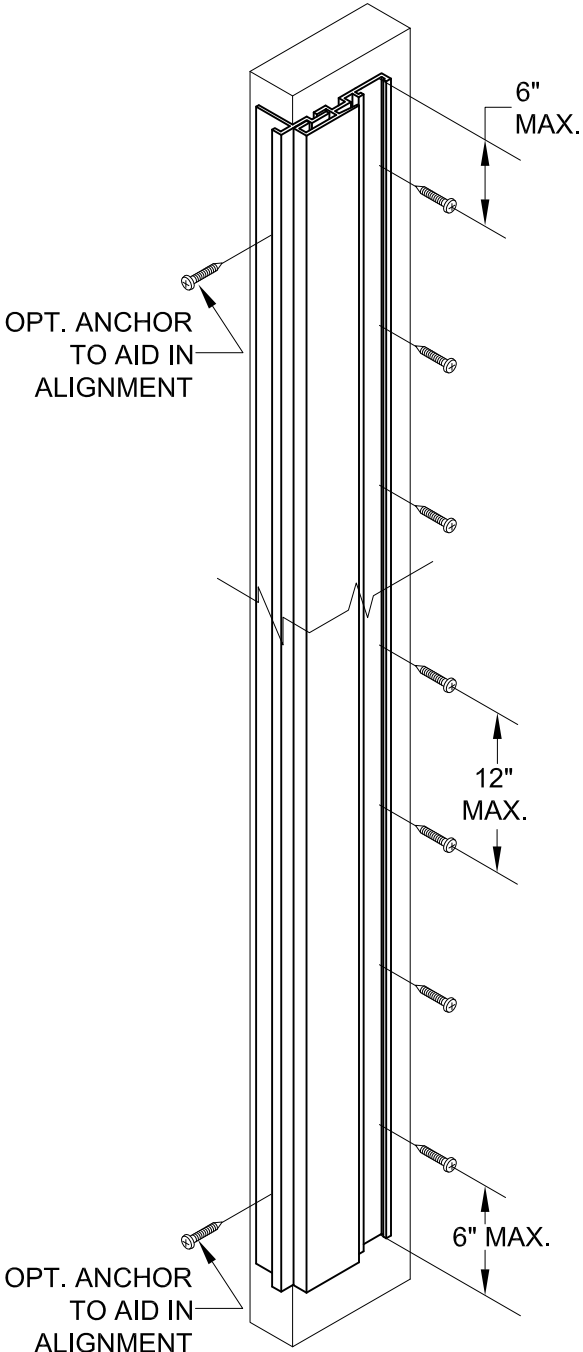
PGT
Custom Windows and Doors
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

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

Desc.	VINYL SLIDING GLASS WINDOW (LM)		Date	04/14/16
Rev	ANCHOR LAYOUTS		Drawn By	JENS ROSOWSKI
Rev	UPDATED TO 2023 BUILDING CODE - JR		Rev Date	06/06/23
Series	SGD-5570 WINDOW	Sheet	12 OF 21	DWG No. MD-5570W.0
Rev.	F			



P-HOOK ANCHORS LAYOUT:

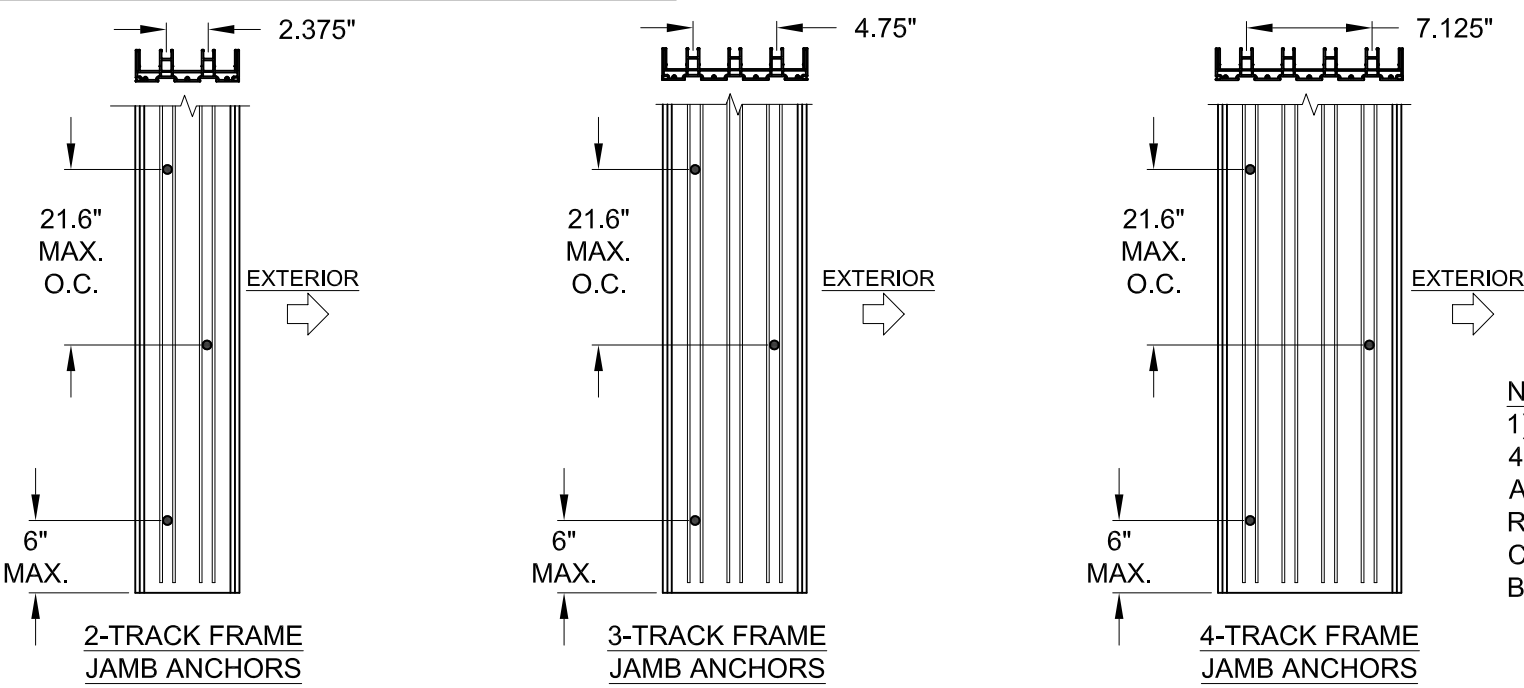


NOTES:
1) SEE TABLES 1 & 2 FOR EXACT QUANTITY OF ANCHORS REQUIRED IN THE P-HOOK.

FIGURES PERTAIN TO THE FOLLOWING POCKET JAMB (P-HOOK) ANCHOR LOCATIONS:

	<table><tr><td>Head/Sill</td><td>C3+1</td></tr><tr><td>Jamb</td><td>5</td></tr><tr><td>P-hook</td><td>7</td></tr></table>	Head/Sill	C3+1	Jamb	5	P-hook	7
Head/Sill	C3+1						
Jamb	5						
P-hook	7						

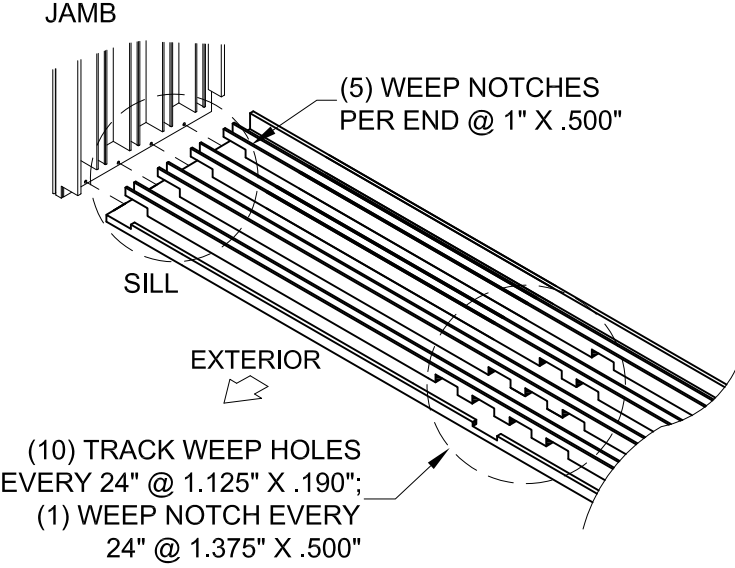
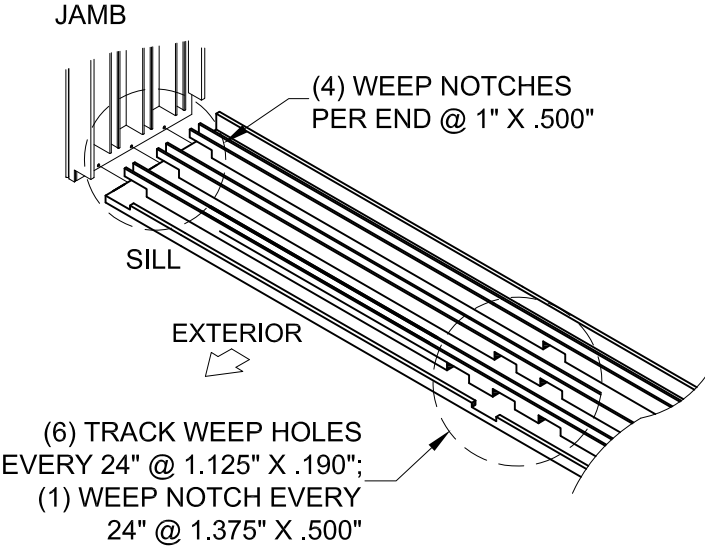
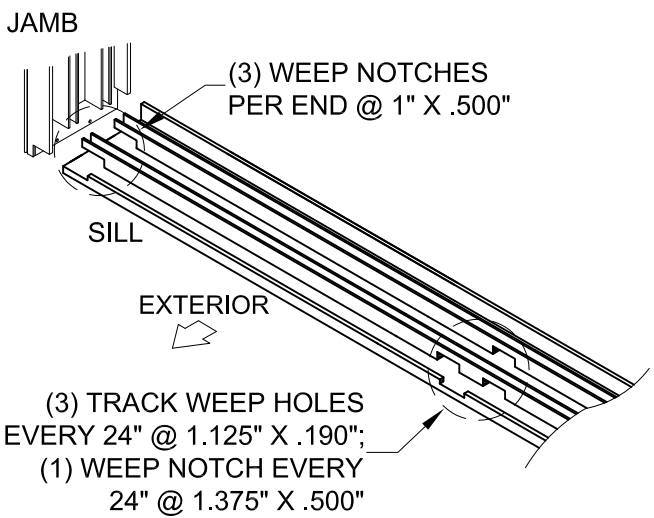
JAMB ANCHORS LAYOUT, (PARTIAL VIEW):



NOTES:
1) STANDARD ANCHOR LOCATIONS SHOWN. FOR 3 AND 4-TRACK JAMBS, ANCHORS MAY BE LOCATED IN ANY ADJACENT TRACK (SIMILAR TO THE 2-TRACK JAMB) AS REQUIRED TO MEET MIN. EDGE DISTANCE CONSTRAINTS. IN CASE OF AN ODD NUMBER OF ANCHORS, THE MAJORITY MAY BE TOWARD THE INTERIOR OR EXTERIOR.

FIGURES PERTAIN TO THE FOLLOWING JAMB ANCHOR LOCATIONS:

	<table><tr><td>Head/Sill</td><td>C3+1</td></tr><tr><td>Jamb</td><td>5</td></tr><tr><td>P-hook</td><td>7</td></tr></table>	Head/Sill	C3+1	Jamb	5	P-hook	7
Head/Sill	C3+1						
Jamb	5						
P-hook	7						



SILL WEEPHOLE LAYOUT (2, 3 & 4 TRACKS)

PGT
Custom Windows and Doors
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. **23-0710.11**
Expiration Date: **08/04/2026**
By: *Manuel Perez*
Miami-Dade Product Control

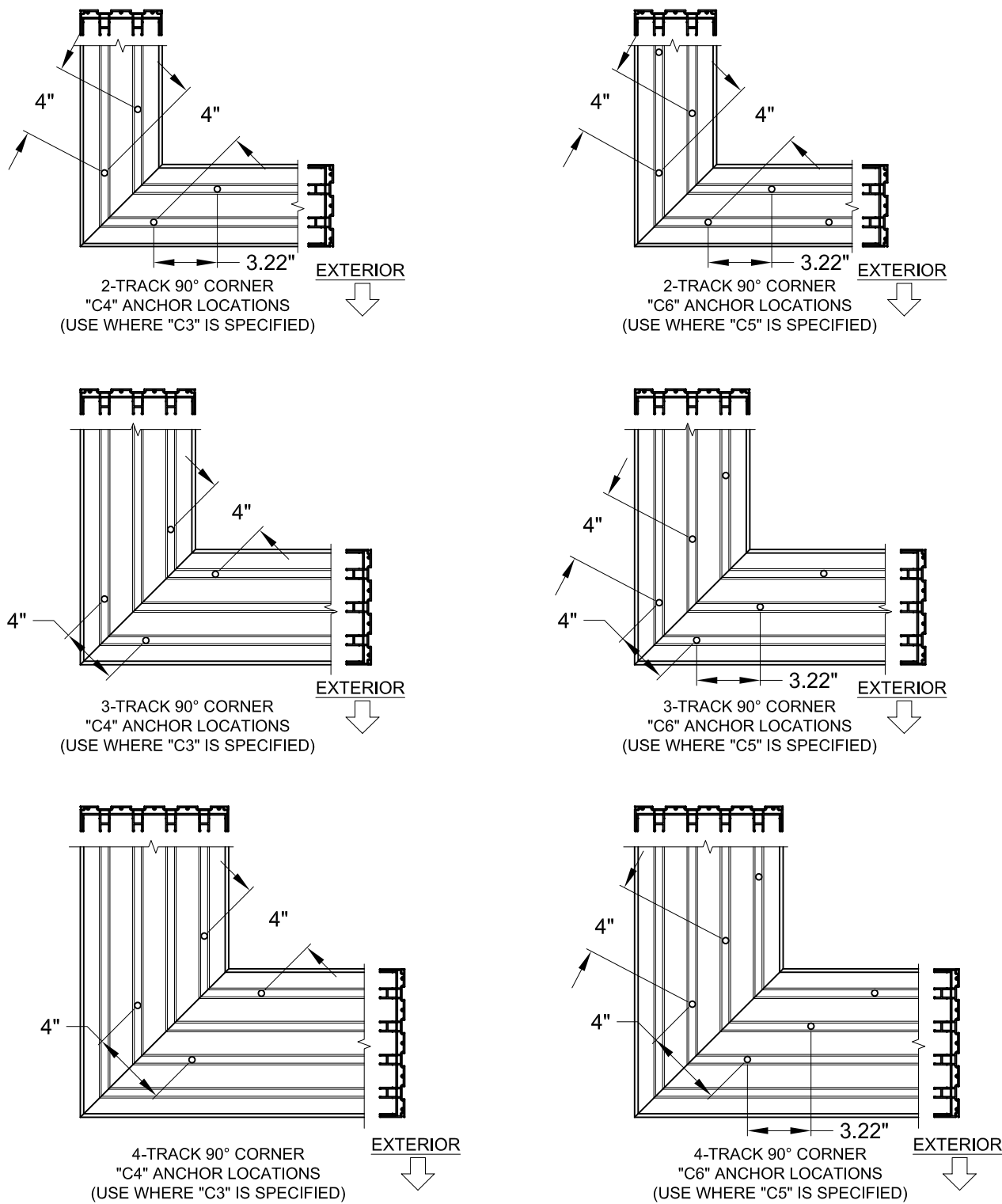
PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

REGISTRATION #29296

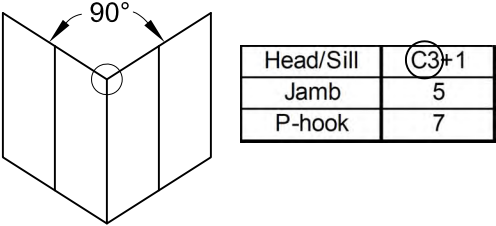
Desc.	VINYL SLIDING GLASS WINDOW (LM)	Date	04/14/16
Rev	ANCHOR LAYOUTS	Drawn By	JENS ROSOWSKI
Rev	UPDATED TO 2023 BUILDING CODE - JR	Rev Date	06/06/23
Series	SGD-5570 WINDOW	Sheet	13 OF 21
DWG No.	MD-5570W.0	Rev.	F

ANTHONY LYNN MILLER
LICENSE
No. 58705
06/09/23
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

HEAD 90° CORNER CLUSTER ANCHORS LAYOUT:

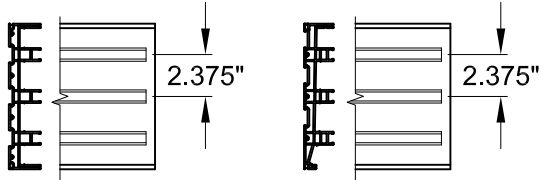


FIGURES PERTAIN TO THE FOLLOWING 90° CORNER
HEAD ANCHOR LOCATIONS:

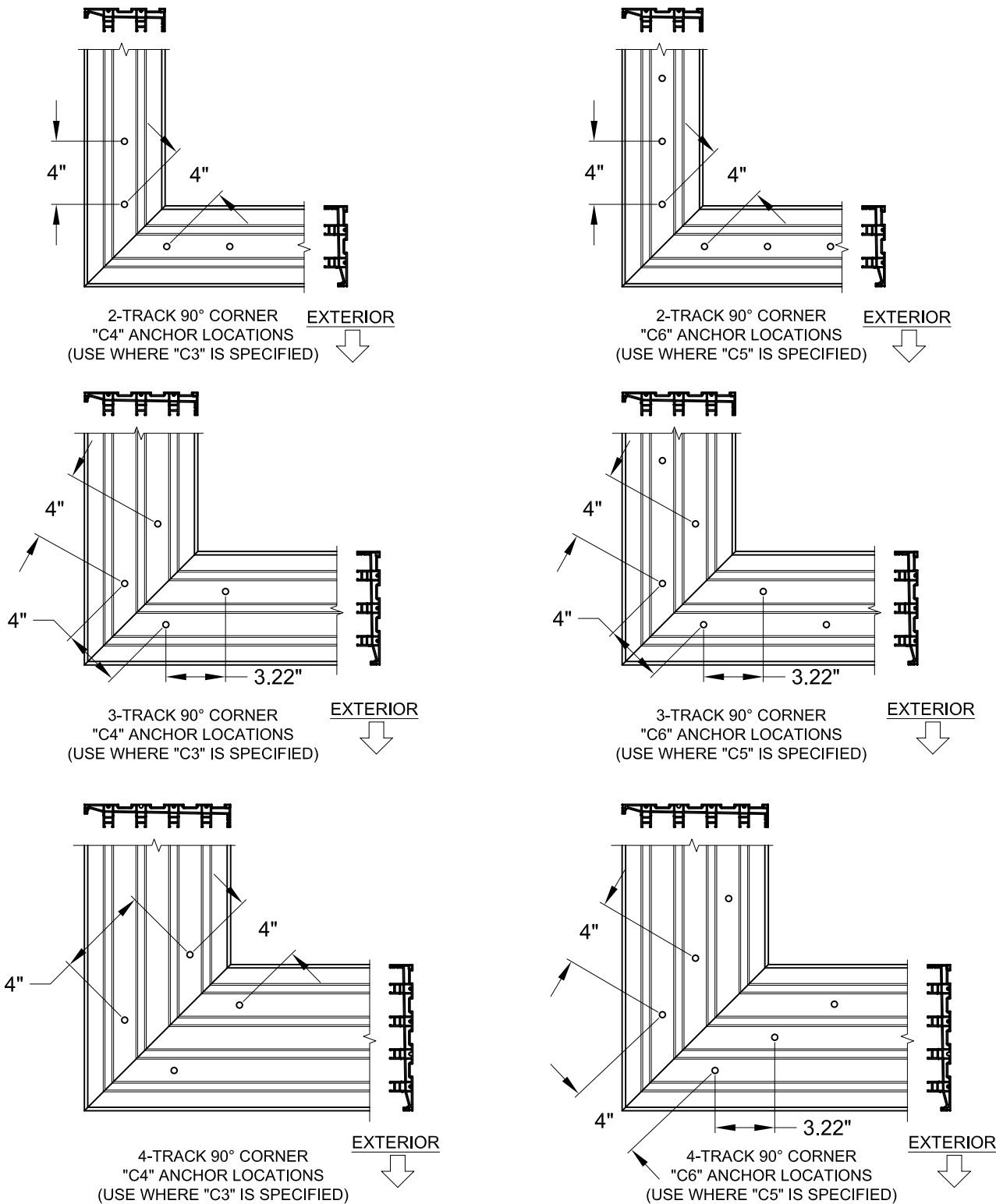


NOTES:

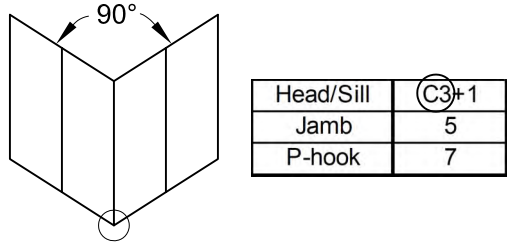
- 1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
- 2) DETAILS DEPICT ANCHOR QUANTITY AND SPACING, AND WOULD BE SIMILAR FOR OUTSIDE (SHOWN) AND INSIDE CORNER CONFIGURATIONS.
- 3) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL HEADS AND SILLS:



SILL 90° CORNER CLUSTER ANCHORS LAYOUT:




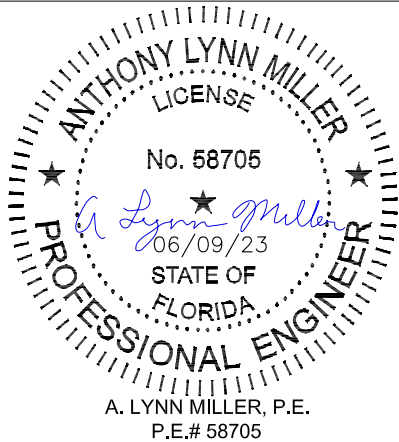
FIGURES PERTAIN TO THE FOLLOWING 90° CORNER SILL
ANCHOR LOCATIONS:



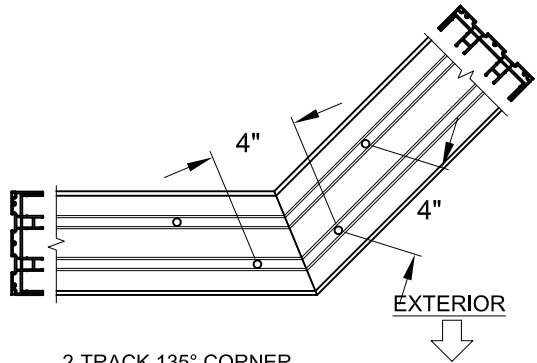
PRODUCT REVISED
As complying with the Florida
Building Code
NOA-No. **23-0710.11**
Expiration Date: **08/04/2026**
By: *Manuel Perez*
Miami-Dade Product Control

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BUILDING CODE.
JR - 06/06/23

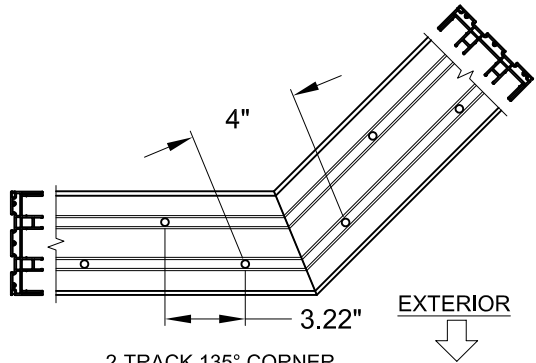
		Prepared by A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	
		REGISTRATION #29296	
Custom Windows and Doors		1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	
VINYL SLIDING GLASS WINDOW (LM)		Date	04/14/16
ANCHOR LAYOUTS		By Drawn	JENS ROSOWSKI
SGD-5570 WINDOW		Sheet	14 OF 21
Series		DWG	No.
Desc.		MD-5570W.0	
Title		Rev.	
		F	



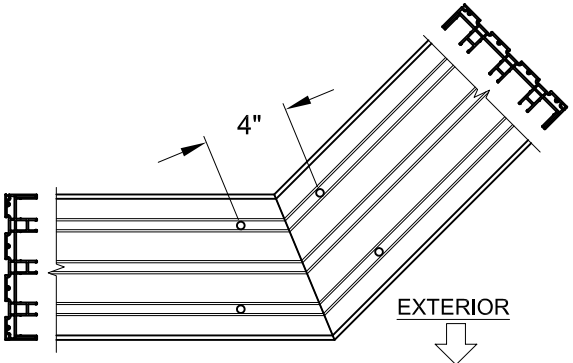
HEAD 135° CORNER CLUSTER ANCHORS LAYOUT:



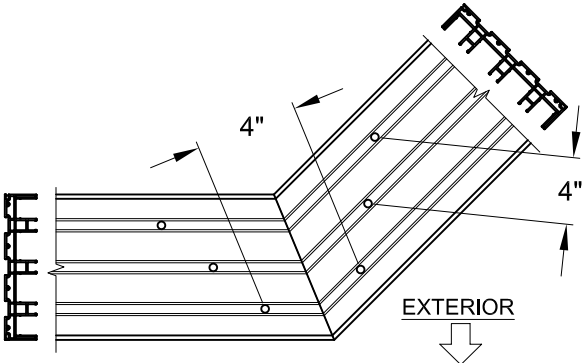
2-TRACK 135° CORNER
"C4" ANCHOR LOCATIONS
(USE WHERE "C3" IS SPECIFIED)



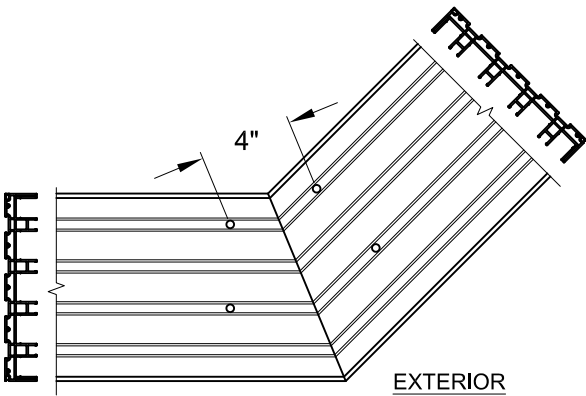
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"C6" ANCHOR LOCATIONS
(USE WHERE "C5" IS SPECIFIED)



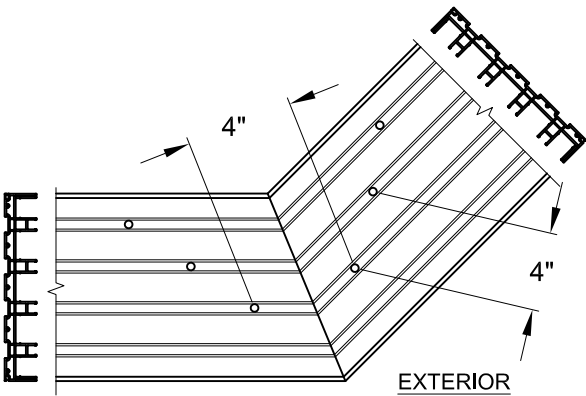
3-TRACK 135° CORNER
"C4" ANCHOR LOCATIONS
(USE WHERE "C3" IS SPECIFIED)



3-TRACK 135° CORNER
"C6" ANCHOR LOCATIONS
(USE WHERE "C5" IS SPECIFIED)



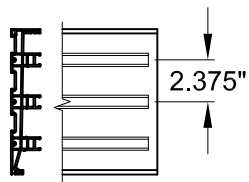
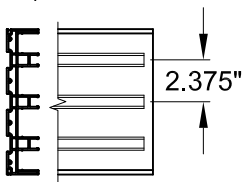
4-TRACK 135° CORNER
"C4" ANCHOR LOCATIONS
(USE WHERE "C3" IS SPECIFIED)



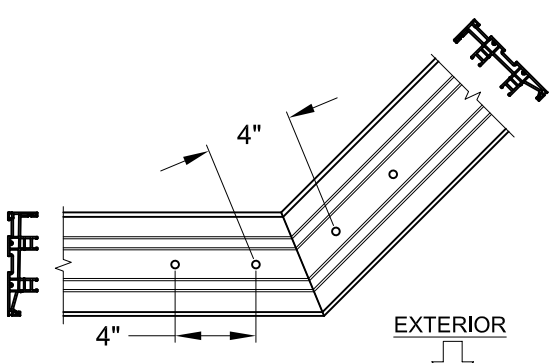
4-TRACK 135° CORNER
"C6" ANCHOR LOCATIONS
(USE WHERE "C5" IS SPECIFIED)

NOTES:

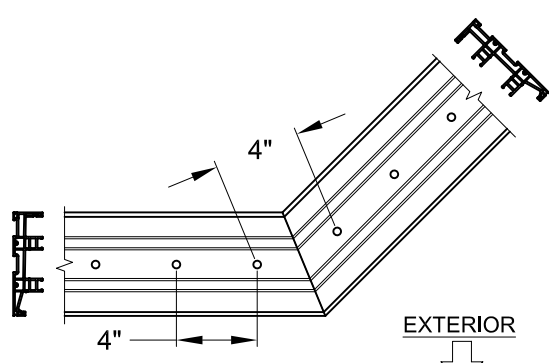
- 1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
- 2) DETAILS DEPICT ANCHOR QUANTITY AND SPACING, AND WOULD BE SIMILAR FOR OUTSIDE (SHOWN) AND INSIDE CORNER CONFIGURATIONS.
- 3) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL HEADS AND SILLS:



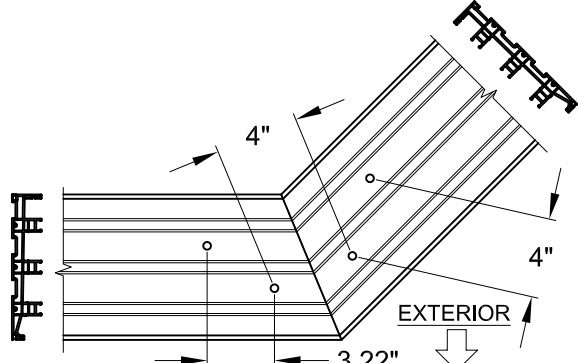
SILL 135° CORNER CLUSTER ANCHORS LAYOUT:



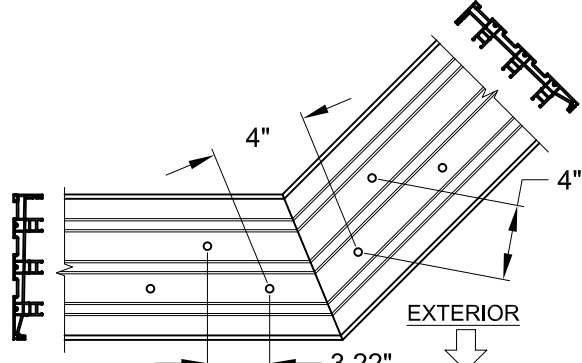
2-TRACK 135° CORNER
"C4" ANCHOR LOCATIONS
(USE WHERE "C3" IS SPECIFIED)



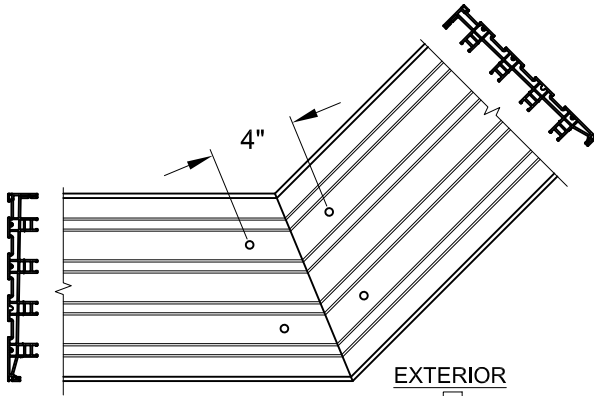
2-TRACK 135° CORNER
"C6" ANCHOR LOCATIONS
(USE WHERE "C5" IS SPECIFIED)



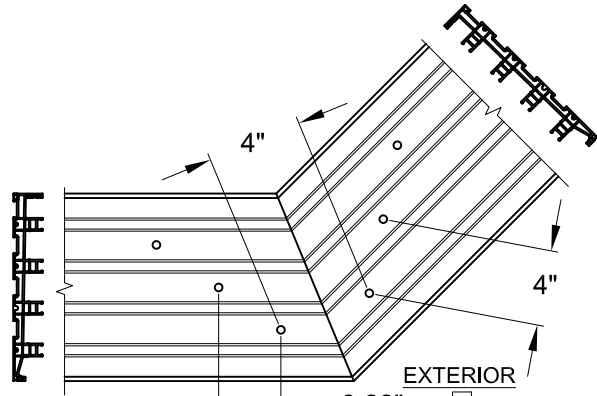
3-TRACK 135° CORNER
"C4" ANCHOR LOCATIONS
(USE WHERE "C3" IS SPECIFIED)



3-TRACK 135° CORNER
"C6" ANCHOR LOCATIONS
(USE WHERE "C5" IS SPECIFIED)

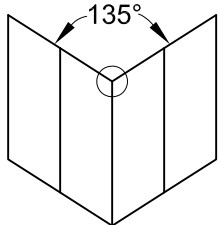


4-TRACK 135° CORNER
"C4" ANCHOR LOCATIONS
(USE WHERE "C3" IS SPECIFIED)



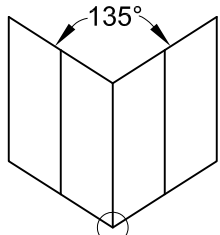
4-TRACK 135° CORNER
"C6" ANCHOR LOCATIONS
(USE WHERE "C5" IS SPECIFIED)

FIGURES PERTAIN TO THE FOLLOWING 135° CORNER HEAD ANCHOR LOCATIONS:



Head/Sill	(C3)+1
Jamb	5
P-hook	7


FIGURES PERTAIN TO THE FOLLOWING 135° CORNER SILL ANCHOR LOCATIONS:

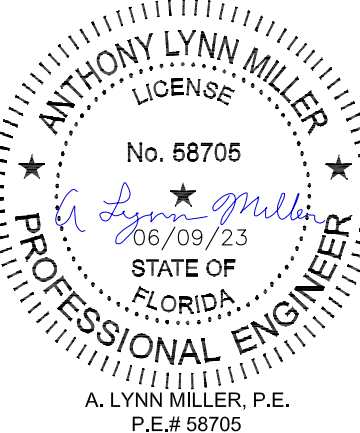


Head/Sill	(C3)+1
Jamb	5
P-hook	7

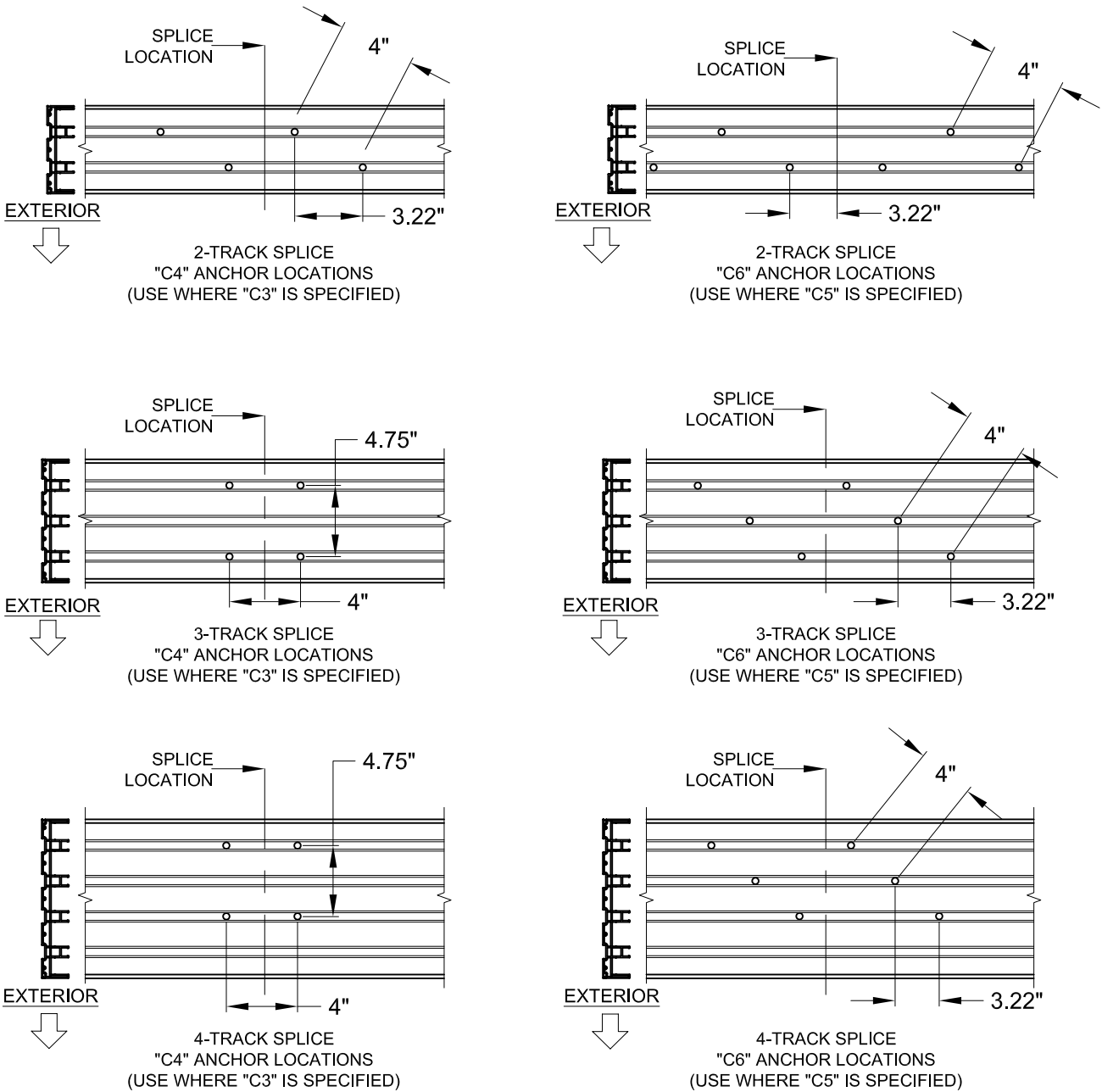
PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. **23-0710.11**
Expiration Date: **08/04/2026**
By: *Manuel Perez*
Miami-Dade Product Control

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JR - 06/06/23

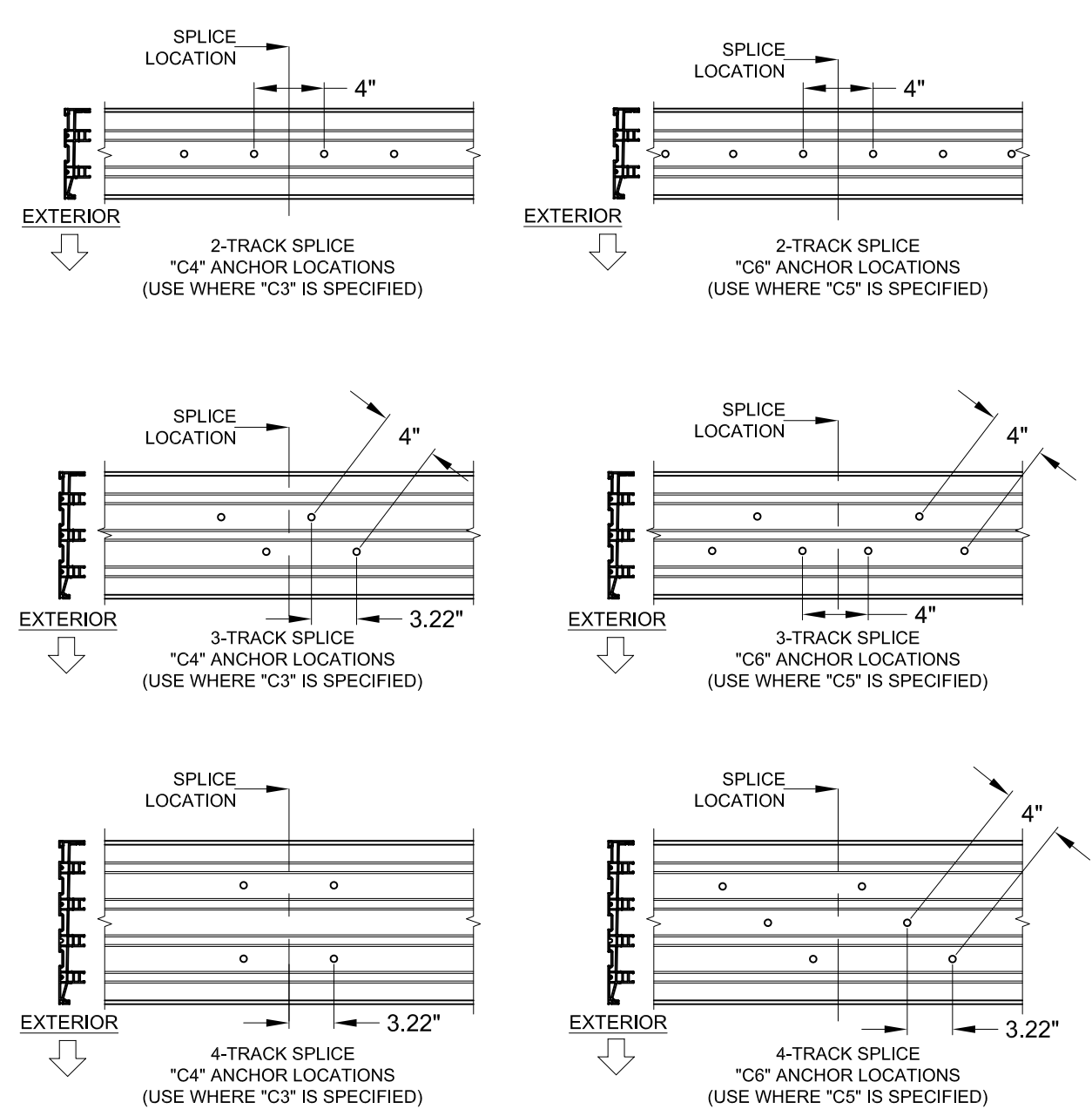
<div></div> <div>Custom Windows and Doors</div>		1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		04/14/16	
						Date	
VINYL SLIDING GLASS WINDOW (LM)				JENS ROSOWSKI			
ANCHOR LAYOUTS				Drawn By			
SGD-5570		15 OF 21		MD-5570W.0		Rev.	
Desc.		Sheet				F	



HEAD SPLICE ANCHORS LAYOUT @ INTERLOCK OR ASTRAGAL:

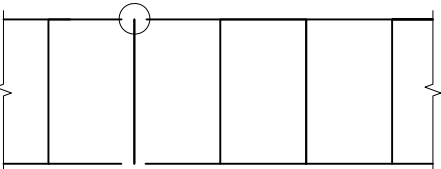


SILL SPLICE ANCHORS LAYOUT @ INTERLOCK OR ASTRAGAL:



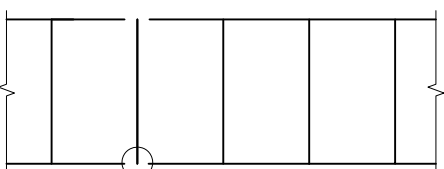
- NOTES:
- 1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
- 2) ABOVE FIGURES ARE FOR SPLICES OCCURRING AT THE ASTRAGAL OR INTERLOCK. FOR SPLICES OCCURRING INSIDE OF A POCKET, SEE THE EXAMPLE ON SHEET 9.
- 3) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL HEADS AND SILLS:
- 4) POCKET WALL OR CAVITY IS NOT PART OF THIS APPROVAL AND IS TO BE DESIGNED BY OTHERS AND REVIEWED BY THE AUTHORITY HAVING JURISDICTION.

FIGURES PERTAIN TO THE FOLLOWING SPLICED HEAD ANCHOR LOCATIONS:



Head/Sill	(C3)+1
Jamb	5
P-hook	7


FIGURES PERTAIN TO THE FOLLOWING SPLICED SILL ANCHOR LOCATIONS:

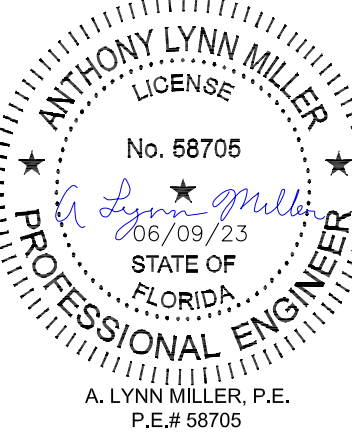


Head/Sill	(C3)+1
Jamb	5
P-hook	7

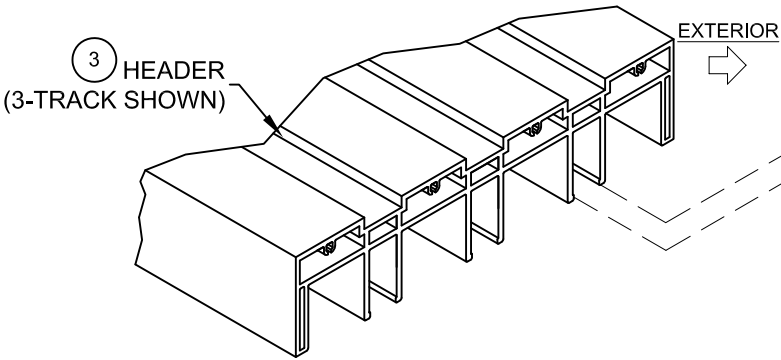
PRODUCT REVISED
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Expiration Date: **08/04/2026**
By: *Manuel Perez*
Miami-Dade Product Control

UPDATED TO 2023 BUILDING CODE.
JR - 06/06/23

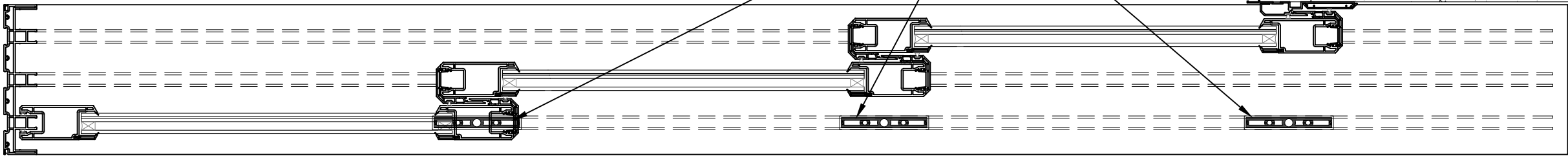
<div></div> <div>Custom Windows and Doors</div> <div>1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600</div>		REGISTRATION #29296		04/14/16	
				Date	
		VINYL SLIDING GLASS WINDOW (LM)			
		ANCHOR LAYOUTS		Drawn By	JENS ROSOWSKI
Series	SGD-5570	Sheet	16 OF 21	DWG No.	MD-5570W.0
Desc.					



HEADER BLOCK TO HEADER ATTACHMENT
TO PREVENT ANY EXTERIOR-OPERABLE
PANEL FROM DISLODGING TO THE
EXTERIOR, INSTALL ONE HEADER BLOCK
AT EACH INTERLOCK, ASTRAGAL AND
P-HOOK INTO THE EXTERIOR TRACK OF THE
HEADER. TRIM THE SCREW COVER AS
NEEDED. SEE SHEET 19 FOR INSTALLATION
DETAILS OF ADDITIONAL HEADER BLOCKS.



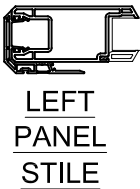
EXAMPLE: HEADER BLOCK PLACEMENT IN
3-PANEL CONFIGURATION, OTHERS SIMILAR.



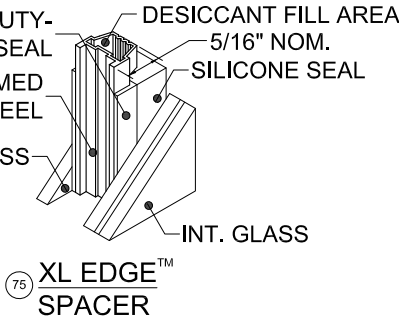
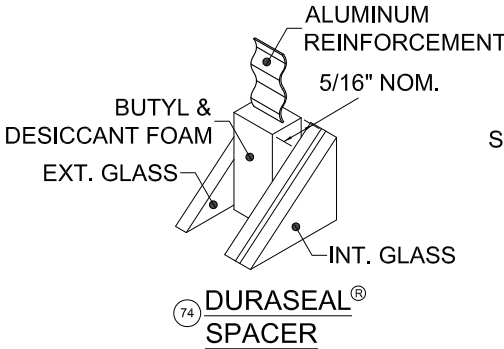
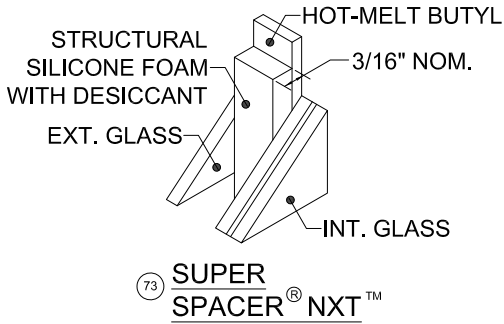
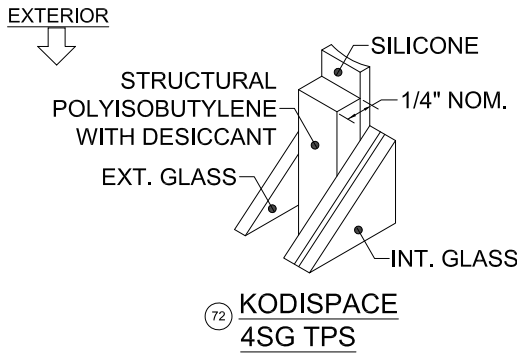
PANEL NOTES:

- 1) SEE DP/ANCHOR TABLES 1 & 2, SHEETS 7-8 FOR PANEL SIZES & DESIGN PRESSURE.
- 2) PANEL TYPES NOT SHOWN ARE NOT REQUIRED FOR ANY CONFIGURATIONS AND ARE NOT AVAILABLE.
- 3) MAXIMUM NOMINAL PANEL WIDTH FOR ALL PANEL CONFIGURATIONS IS 60".
- 4) PANEL TYPE MAY BE EITHER EXTERIOR (STANDARD) OR INTERIOR GLAZED, BOTH TYPES QUALIFIED BY THIS APPROVAL, SEE DETAILS SHEET 10.

PANEL TYPES INTERIOR OR EXTERIOR GLAZED		PANEL'S RIGHT STILE TYPE									
		SINGLE INTERLOCK OUT	SINGLE INTERLOCK IN	FIXED STILE	LOCKSTILE W/ HANDLE	ASTRAGAL BOX OUT	ASTRAGAL BOX IN	OUTSIDE 90° ASTRAGAL RECEIVER	INSIDE 90° ASTRAGAL RECEIVER	OUTSIDE 135° ASTRAGAL RECEIVER	INSIDE 135° ASTRAGAL RECEIVER
PANEL'S LEFT STILE TYPE	SINGLE INTERLOCK OUT		F	PP	K	L (BOX OUT)	L (BOX IN)	TC	TA	TV	TW
	SINGLE INTERLOCK IN	B	E	P	A	C (BOX OUT)	C (BOX IN)	SC	SA	SV	SW
	FIXED STILE	RR	R			S (BOX OUT)	S (BOX IN)	FC	FD	FV	FW
	LOCKSTILE W/ HANDLE	D	M			J (BOX OUT)	J (BOX IN)				
	ASTRAGAL BOX OUT	LR (BOX OUT)		T (BOX OUT)	U (BOX OUT)						
	ASTRAGAL BOX IN		N (BOX IN)	T (BOX IN)	U (BOX IN)						
	OUT. 90° ASTRAGAL RECEIVER	CT	CS	CF							
	IN. 90° ASTRAGAL RECEIVER	AT	AS	DF							
	OUT. 135° ASTRAGAL RECEIVER	VT	VS	VF							
	IN. 135° ASTRAGAL RECEIVER	WT	WS	WF							



PANEL TYPE "F" SHOWN.



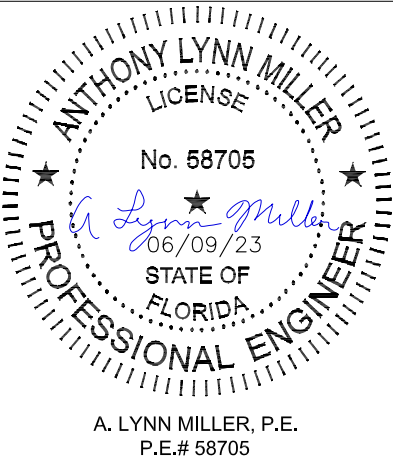
PRODUCT REVISED
As complying with the Florida
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NOA-No. **23-0710.11**
Expiration Date: **08/04/2026**
By: *Manuel Perez*
Miami-Dade Product Control

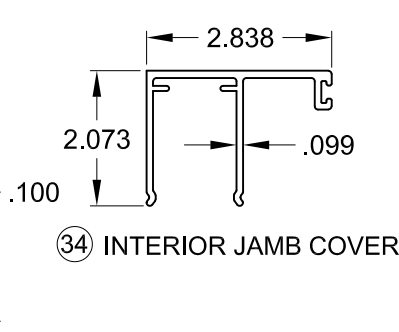
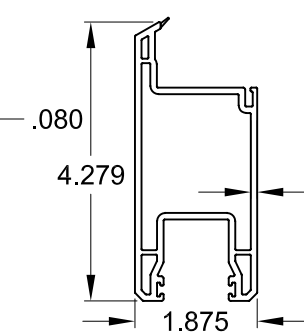
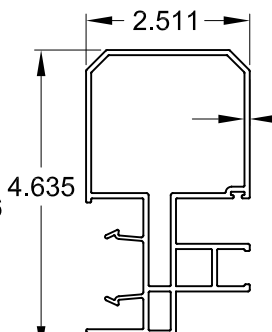
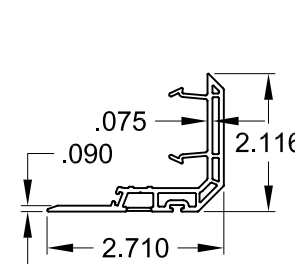
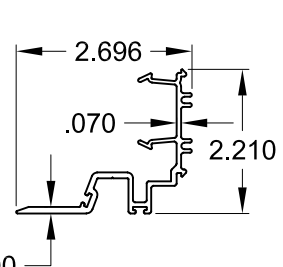
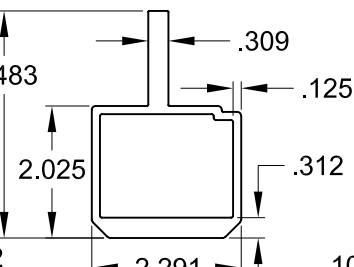
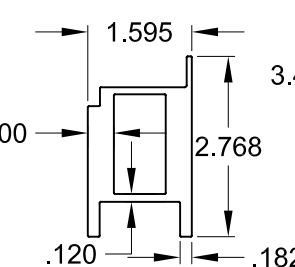
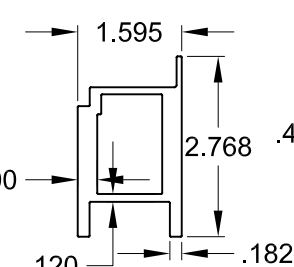
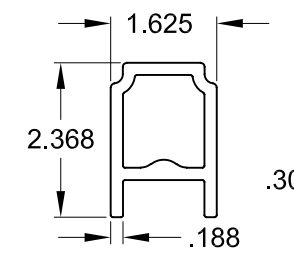
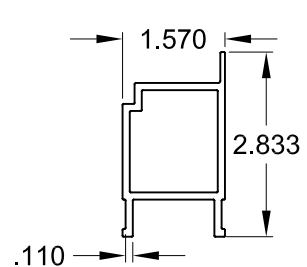
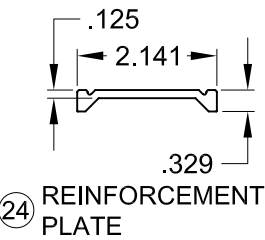
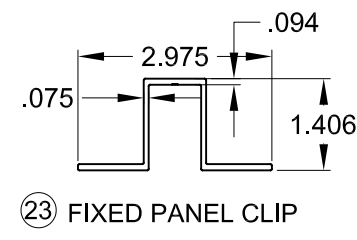
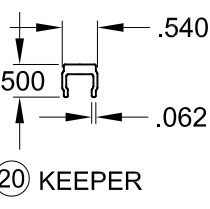
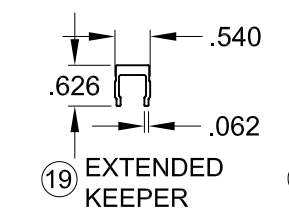
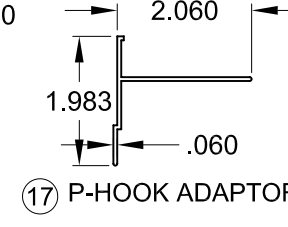
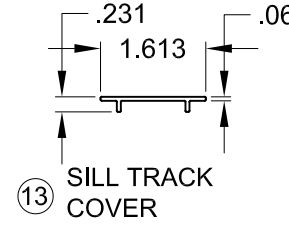
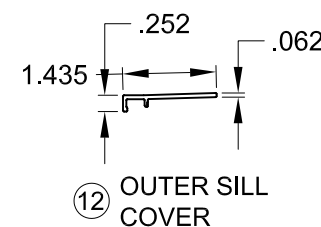
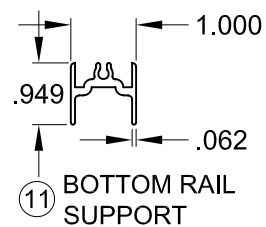
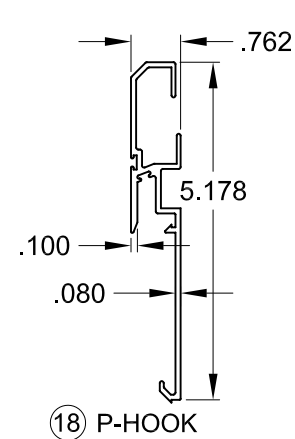
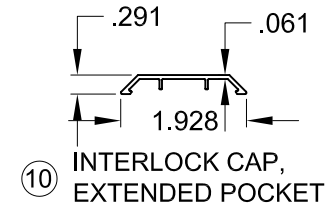
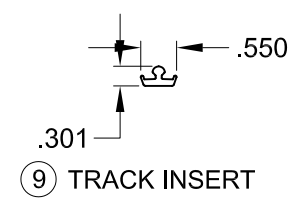
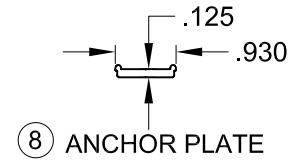
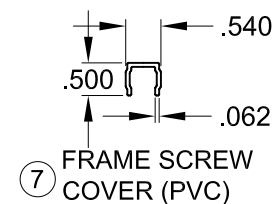
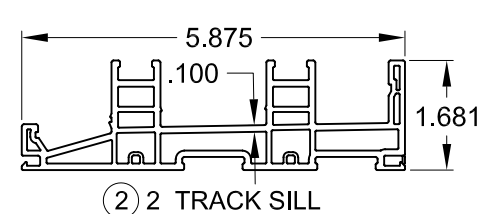
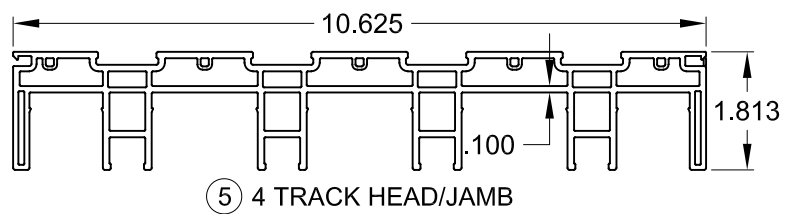
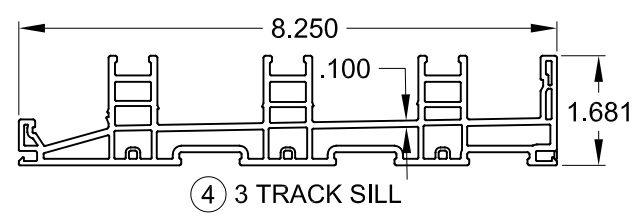
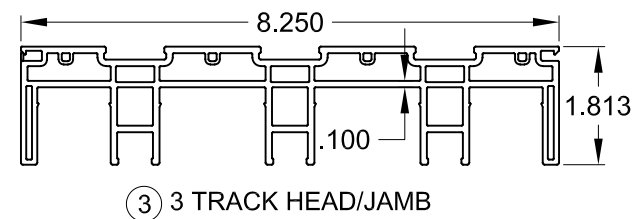
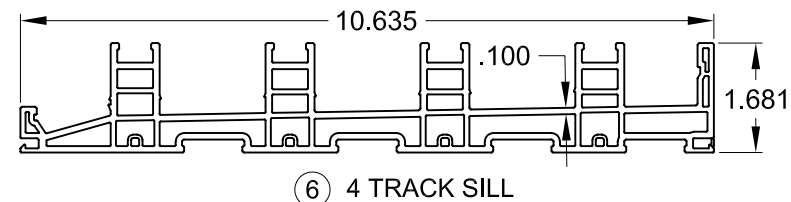
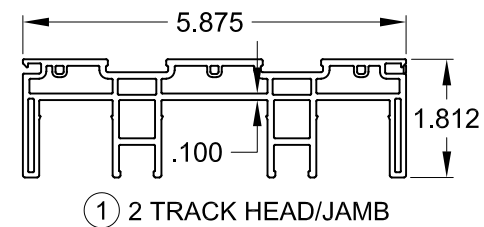
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REGISTRATION #29296

Series	SGD-5570 WINDOW	Sheet	17 OF 21	DWG No.	MD-5570W.0	Rev.	F
Desc.	VINYL SLIDING GLASS WINDOW (LM)				Date	04/14/16	
Rev	UPDATED TO 2023 BUILDING CODE - JR				Rev Date	06/06/23	
Rev	PANEL TYPES & HEADER BLOCK				Drawn By	JENS ROSOWSKI	





25 TOP, BOTTOM AND STILE REINFORCEMENT

26 TOP, BOTTOM AND STILE COMPOSITE REINFORCEMENT

27 INTERLOCK .300 REINFORCEMENT, STANDARD

28 INTERLOCK .400 REINFORCEMENT, HEAVY-DUTY

29 ASTRAGAL REINFORCEMENT

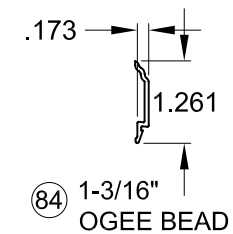
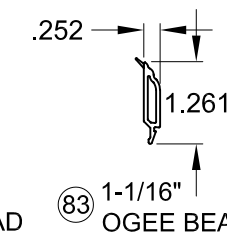
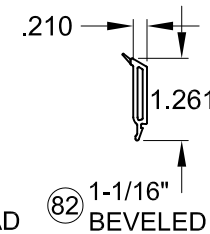
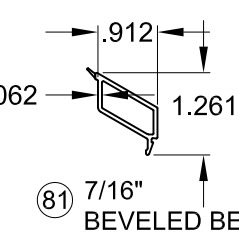
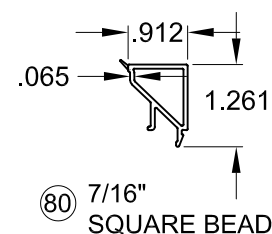
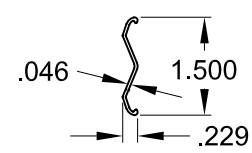
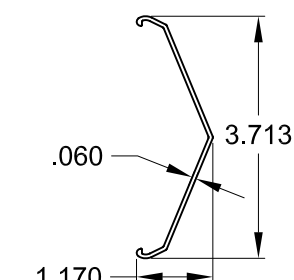
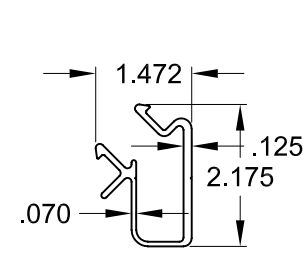
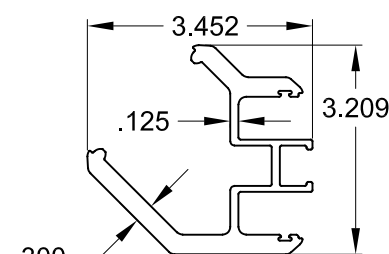
30 EXTENDED POCKET INTERLOCK ADAPTER

31 INTERLOCK ADAPTER

32 ASTRAGAL ADD-ON

33 PANEL STILE, TOP AND BOTTOM RAIL

34 INTERIOR JAMB COVER



35 135° CORNER ASTRAGAL

36 135° CORNER PASSIVE MOUNT

37 135° CORNER ASTRAGAL CAP, EXTERIOR

38 135° CORNER ASTRAGAL CAP, INTERIOR

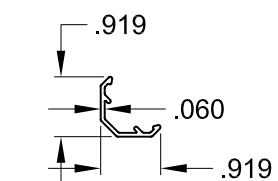
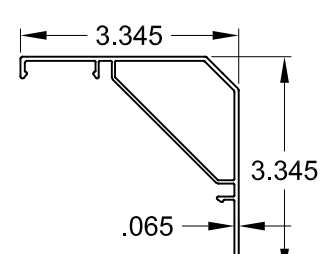
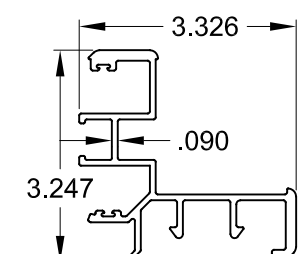
80 7/16" SQUARE BEAD

81 7/16" BEVELED BEAD

82 1-1/16" BEVELED BEAD

83 1-1/16" OGEE BEAD

84 1-3/16" OGEE BEAD



39 90° CORNER ASTRAGAL

40 90° CORNER ASTRAGAL CAP, EXTERIOR

41 90° CORNER ASTRAGAL CAP, INTERIOR

NOTES:

- 1) SEE SHEET 4 FOR SILL RISERS.
- 2) SEE SHEET 20 FOR SCREEN PARTS.
- 3) ALL DIMENSIONS IN INCHES.

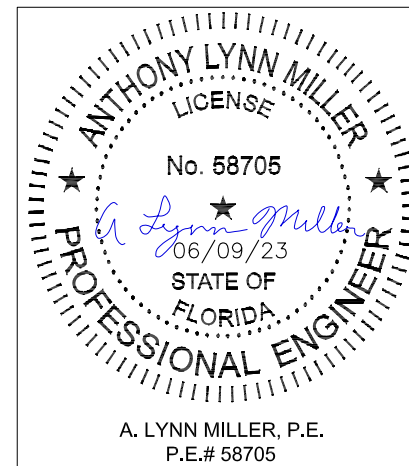
PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. **23-0710.11**
Expiration Date: **08/04/2026**
By: *Manuel Perez*
Miami-Dade Product Control

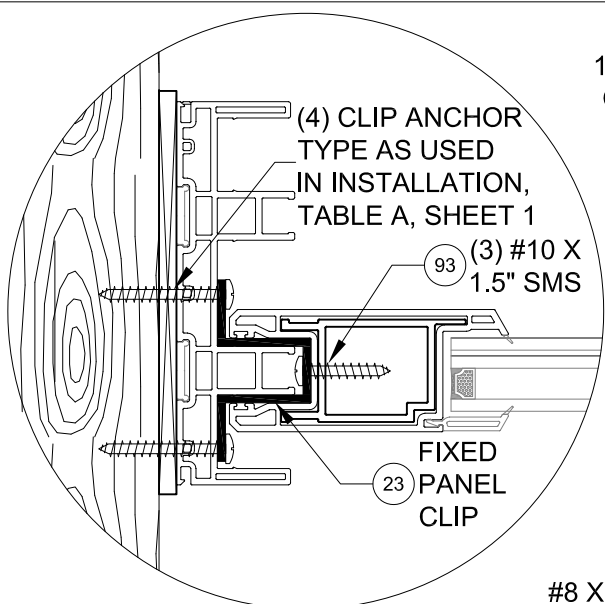
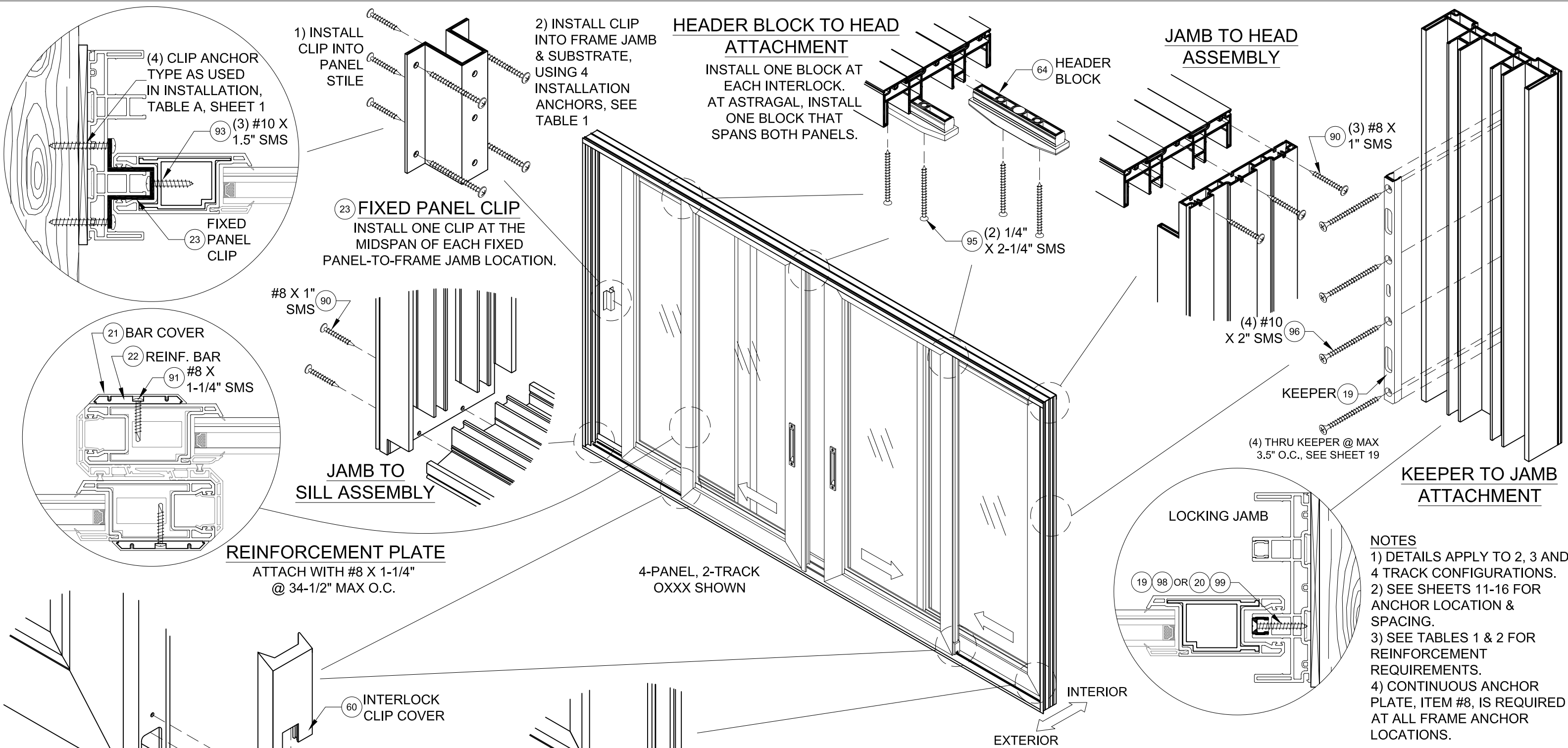
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PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

REGISTRATION #29296

Title	VINYL SLIDING GLASS WINDOW (LM)						Date	04/14/16			
Desc.	EXTRUSIONS					Drawn By	JENS ROSOWSKI				
Rev	UPDATED TO 2023 BUILDING CODE - JR						Rev Date	06/06/23			
Series	SGD-5570 WINDOW		Sheet	18 OF 21		DWG No.	MD-5570W.0			Rev.	F

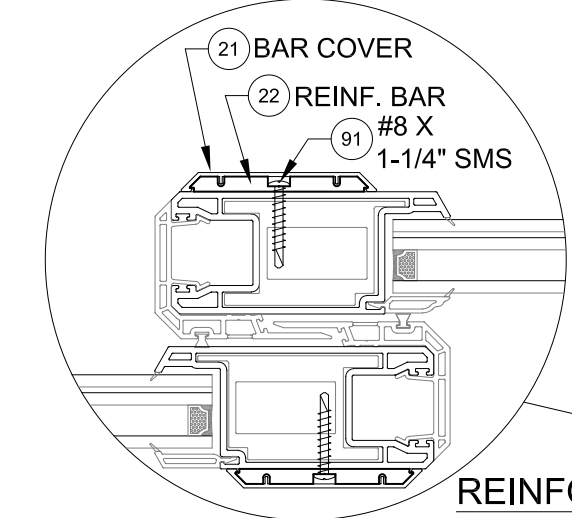




(4) CLIP ANCHOR TYPE AS USED IN INSTALLATION, TABLE A, SHEET 1

(3) #10 X 1.5" SMS

FIXED PANEL CLIP

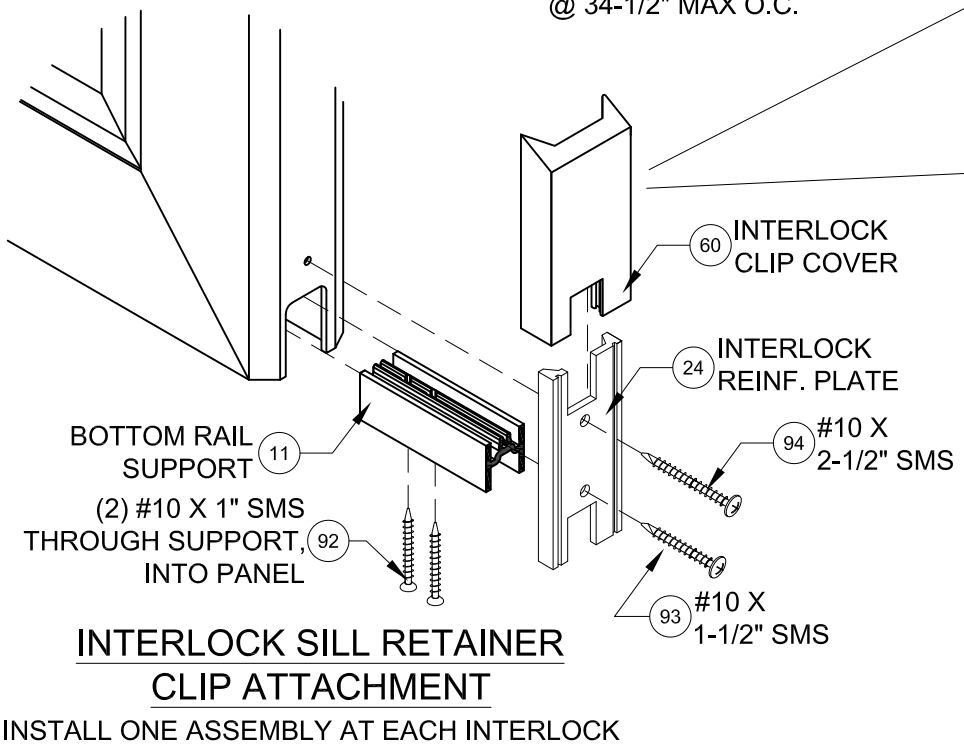


(21) BAR COVER

(22) REINF. BAR #8 X 1-1/4" SMS

(91)

REINFORCEMENT PLATE
ATTACH WITH #8 X 1-1/4" @ 34-1/2" MAX O.C.



BOTTOM RAIL SUPPORT (11)

(2) #10 X 1" SMS THROUGH SUPPORT, INTO PANEL (92)

INTERLOCK SILL RETAINER CLIP ATTACHMENT
INSTALL ONE ASSEMBLY AT EACH INTERLOCK

(60) INTERLOCK CLIP COVER

(24) INTERLOCK REINF. PLATE

(94) #10 X 2-1/2" SMS

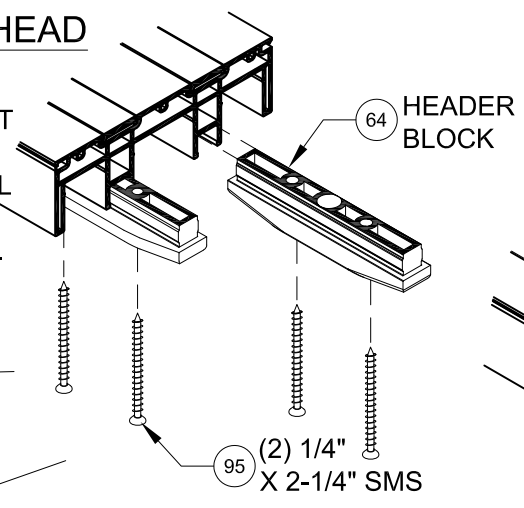
(93) #10 X 1-1/2" SMS

(23) **FIXED PANEL CLIP**
INSTALL ONE CLIP AT THE MIDSPAN OF EACH FIXED PANEL-TO-FRAME JAMB LOCATION.

JAMB TO SILL ASSEMBLY

PANEL ASSEMBLY
ALL PANEL CORNERS WELDED, NO ASSEMBLY FASTENERS

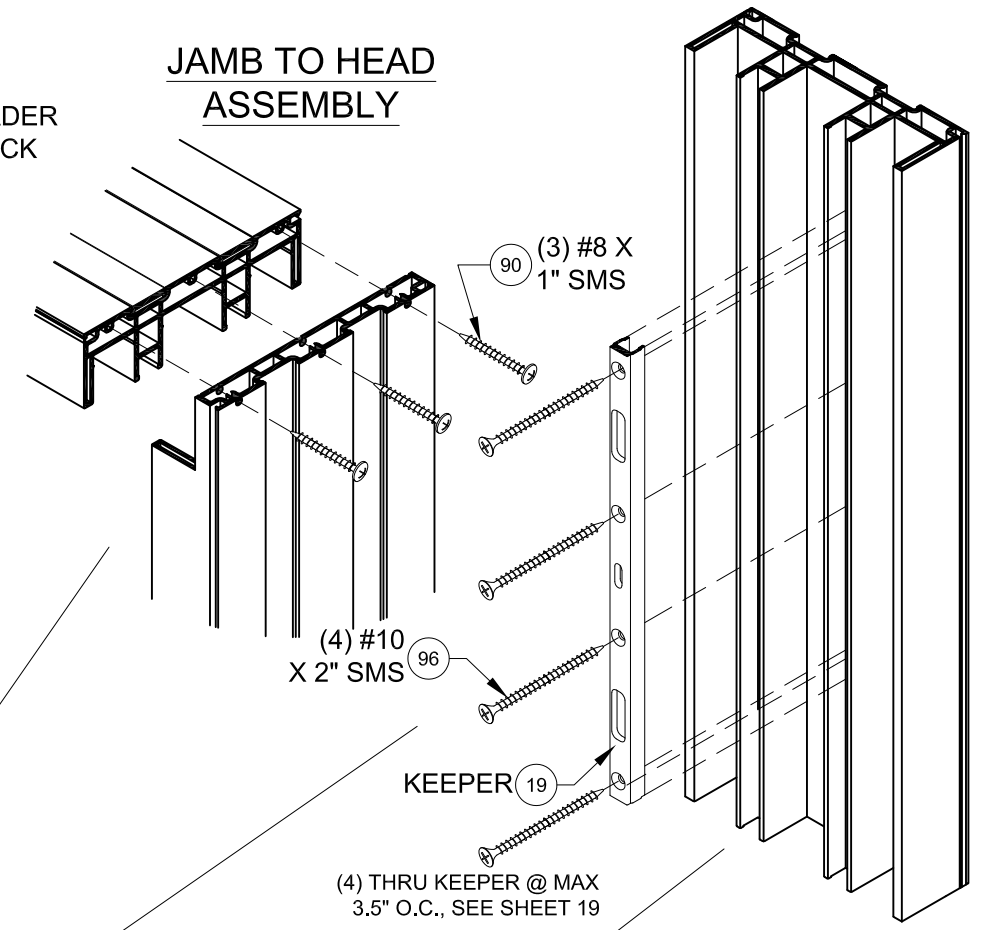
HEADER BLOCK TO HEAD ATTACHMENT
INSTALL ONE BLOCK AT EACH INTERLOCK. AT ASTRAGAL, INSTALL ONE BLOCK THAT SPANS BOTH PANELS.



(64) HEADER BLOCK

(2) 1/4" X 2-1/4" SMS (95)

JAMB TO HEAD ASSEMBLY



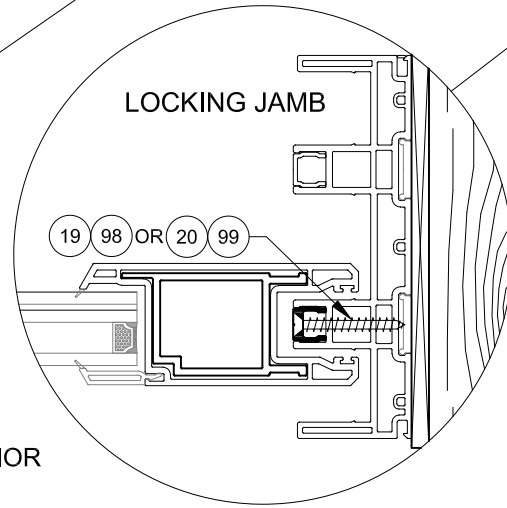
(3) #8 X 1" SMS (90)

(4) #10 X 2" SMS (96)

KEEPER (19)

(4) THRU KEEPER @ MAX 3.5" O.C., SEE SHEET 19

KEEPER TO JAMB ATTACHMENT



LOCKING JAMB

(19) (98) OR (20) (99)

NOTES
1) DETAILS APPLY TO 2, 3 AND 4 TRACK CONFIGURATIONS.
2) SEE SHEETS 11-16 FOR ANCHOR LOCATION & SPACING.
3) SEE TABLES 1 & 2 FOR REINFORCEMENT REQUIREMENTS.
4) CONTINUOUS ANCHOR PLATE, ITEM #8, IS REQUIRED AT ALL FRAME ANCHOR LOCATIONS.

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PRODUCT REVISED
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Expiration Date: **08/04/2026**
By: *Manuel Perez*
Miami-Dade Product Control

VINYL SLIDING GLASS WINDOW (LM)		Date	04/14/16	
ACCESSORY INSTALLATION		Drawn By	JENS ROSOWSKI	
UPDATED TO 2023 BUILDING CODE - JR		Rev Date	06/06/23	
Series	SGD-5570 WINDOW	Sheet	19 OF 21	DWG No. MD-5570W.0
Rev				F

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

ANTHONY LYNN MILLER
LICENSE
No. 58705
06/09/23
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

BOX SCREEN DETAILS:

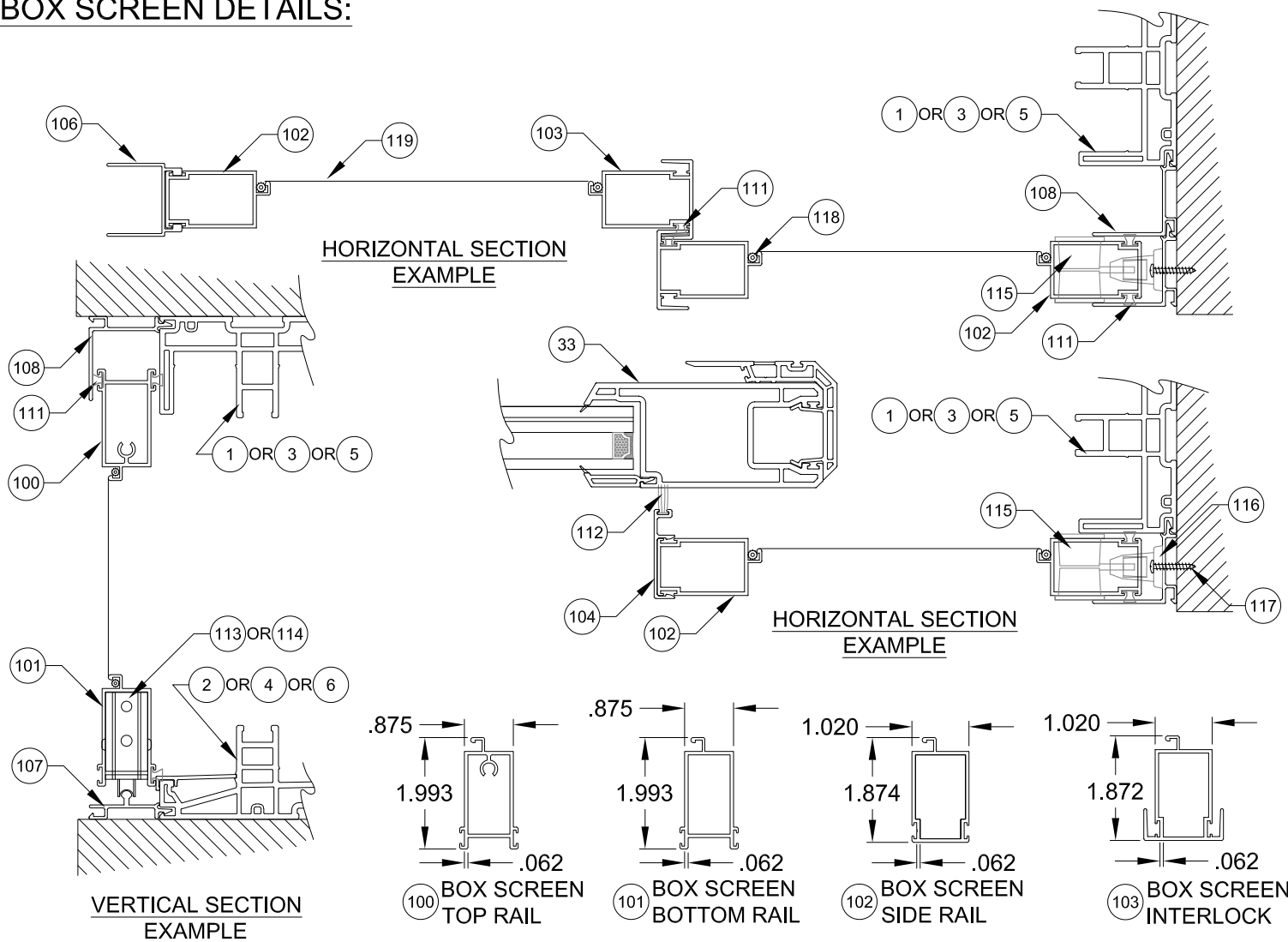
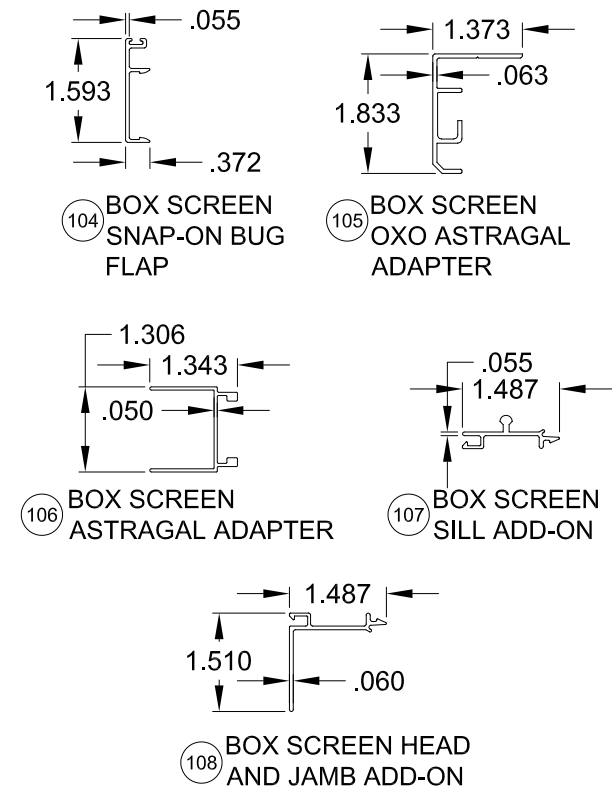


TABLE C: BOX SCREEN

#	Part #	Description	Material
100	12256	Box Screen Top Rail	6063 T5 Al
101	12257	Box Screen Bottom Rail	6063 T5 Al
102	12258	Box Screen Side Rail	6063 T5 Al
103	64428	Box Screen Interlock	6063 T6 Al
104	17347A	Box Screen Snap-on Bug Flap	6063 T6 Al
105	64345	Box Screen OXO Astragal Adapter	6063 T6 Al
106	17349	Box Screen Astragal Adapter	6063 T5 Al
107	19039	Box Screen Frame Sill Add-on	6063 T6 Al
108	19038	Box Screen Head/Jamb Add-on	6063 T6 Al
109	720X1X	#14-20 x 1" MS @ Top Rail	SS
110	720X112X	#14-20 x 1-1/2" MS @ Bottom Rail	SS
111	71793G	Wstp. .270" x .150" - Fin Seal	
112	61805K	Wstp. .187" x .500" @ Bug Flap	
113	7SRAZ	Standard Roller	Nylon
114	7SRAX	HD Roller	SS
115	varies	Screen Locking Hardware	Steel
116	419053	Screen Keeper	Steel
117	76X1PPA	#6 x 1" Ph. PH SMS	Steel
118	1692/3/4	Screen Spline - .150" & .165"	Vinyl
119	1816C20	Screen Cloth	Fiberglass



STANDARD SCREEN DETAILS:

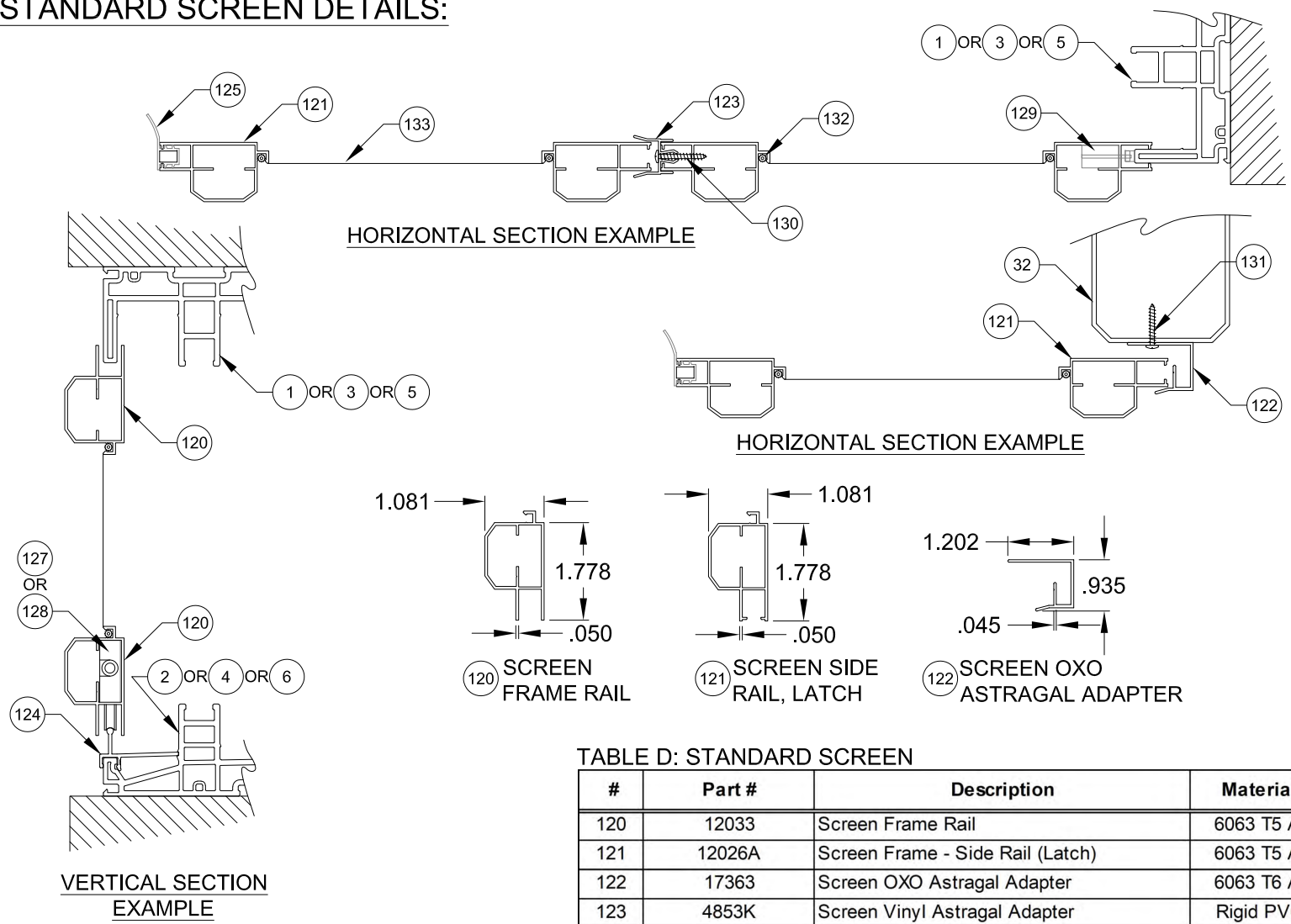


TABLE D: STANDARD SCREEN

#	Part #	Description	Material
120	12033	Screen Frame Rail	6063 T5 Al
121	12026A	Screen Frame - Side Rail (Latch)	6063 T5 Al
122	17363	Screen OXO Astragal Adapter	6063 T6 Al
123	4853K	Screen Vinyl Astragal Adapter	Rigid PVC
124	19012B	Frame Sill Screen Add-on	6063 T6 Al
125	6FP95K	Bug Flap, 85 +/- 5 duro.	Vinyl
126	78X112PSATS	#8 x 1-1/2" Ph. PH SMS (Assembly)	SS
127	712027	Corner Key Wheel Assembly (Standard)	Nylon
128	712027SS	Corner Key Wheel Assembly (HD)	SS
129	varies	Screen Locking Hardware	Steel
130	710X34PPSDAX	#10 x 3/4" Ph. PH SMS @ Screen Ast.	SS
131	78X12PPSMSX	#8 x 1/2" Ph. PH SMS @ Door Ast.	SS
132	1692/3/4	Screen Spline - .145"	Vinyl
133	1816C20	Screen Cloth	Fiberglass

NOTES:
1) ALL DIMENSIONS IN INCHES.

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Miami-Dade Product Control

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REGISTRATION #29296

VINYL SLIDING GLASS WINDOW (LM)					Date	04/14/16	
SCREEN DETAILS				Drawn By	JENS ROSOWSKI		
UPDATED TO 2023 BUILDING CODE - JR					Rev Date	06/06/23	
SGD-5570 WINDOW	Sheet	20 OF 21	DWG No.	MD-5570W.0			Rev. F

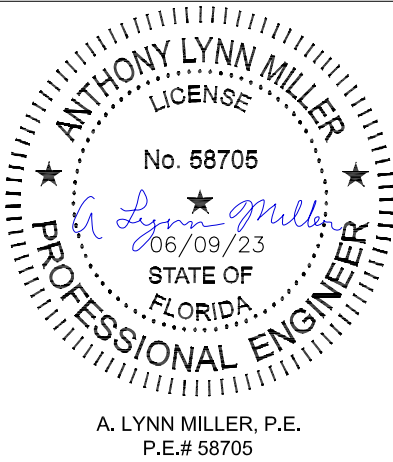


TABLE E:

#	Part #	Description	Material
1	19001	2-Track Head/Jamb	Rigid PVC
2	19002	2-Track Sill	Rigid PVC
3	19025	3-Track Head/Jamb	Rigid PVC
4	19026	3-Track Sill	Rigid PVC
5	19027	4-Track Head/Jamb	Rigid PVC
6	19028	4-Track Sill	Rigid PVC
7	19009	Frame Screw Cover	Rigid PVC
8	19031	Anchor Plate	6063-T6 Alum.
9	19007	Track Insert	6063-T6 Alum.
10	19084	Interlock Cap - Extended Pocket	Rigid PVC
11	19036	Bottom Rail Support	6063-T6 Alum.
12	19006A	Outer Sill Cover	6063-T6 Alum.
13	19011	Sill Track Cover	Rigid PVC
17	19032	P-Hook Adapter	6063-T6 Alum.
18	19020	P-Hook	6063-T6 Alum.
19	19047M	Extended Keeper	6063-T6 Alum.
20	19029M	Keeper	6063-T6 Alum.
23	19037M	Fixed Panel Clip	6063-T6 Alum.
24	19035M	Reinforcement Plate	6063-T6 Alum.
25	19017M	Top Rail, Bottom Rail and Lockstile Reinforcement	6005-T5 Alum.
26	19046		Composite
27	19018M	Interlock .300 Reinforcement, Std.	6005-T5 Alum.
28	19013M	Interlock .400 Reinforcement, HD	6005-T5 Alum.
29	19019M	Astragal Reinforcement	6005-T5 Alum.
30	19083	Extended Pocket Interlock Adaptor	6063-T6 Alum.
31	19005	Interlock Adaptor	Rigid PVC
32	19008	Astragal Add-on	Rigid PVC
33	19004	Panel Stile, Top/Bottom Rail	Rigid PVC
34	19040	Interior Jamb Cover	6063-T6 Alum.
35	19076	135° Corner Astragal	6063-T6 Alum.
36	19077	135° Corner Astragal Passive Mount	6063-T6 Alum.
37	19079	135° Corner Astragal Cap - Ext.	Rigid PVC
38	19080	135° Corner Astragal Cap - Int.	Rigid PVC
39	19078	90° Corner Astragal	6063-T6 Alum.
40	19081	90° Corner Astragal Cap - Ext.	Rigid PVC
41	19082	90° Corner Astragal Cap - Int.	Rigid PVC
42	19085	Sill Riser - (2-1/2")	6063-T6 Alum.
43	19022A	Sill Riser - (3-1/2")	6063-T6 Alum.
44	19023A	Sill Riser - (4-1/16")	6063-T6 Alum.
45	19024A	Sill Riser - (4-5/8")	6063-T6 Alum.
50	718609W	.187" x .320" Finseal (Stile)	
51	71695K	1-1/2" x 1" x 3/4" Fin Seal Dust Plug	
52	71696	Dust Plug	
60	419041	Interlock Clip Cover	PVC
61	78153X	Tandem Roller Assembly	SS
62	78153N	Tandem Roller Assembly	Nylon
63	78X75FPTX	#8 x 3/4" Ph. FH SMS @ Roller & Reinf.	SS

#	Part #	Description	Material
64	419042	Frame Header Block	Nylon
65	48052	Roller Adj. Hole Plug	PVC
66	44385	4 Hole Bumper Stop	PVC
67	76X114FPTX	#6 x 1-1/4" Ph. FH SMS @Bumper Stop	SS
68	71696G	Sill Plug	PVC
69	78185X	Gemini Mortise Lock w/long Trim plate	Steel/SS
70	71032X1FPFX	10-32 x 1" Ph.FH MS @ Lock	SS
71	varies	Handle Kit	Cast Zinc
72	19054	Interlock Retainer Clip	Nylon
75		Kommerling 4SG TPS Spacer System	See Sheet 10 for Materials
76		Quanex Super Spacer nXT with Hot Melt Butyl	
77		Quanex Duraseal	
78		Cardinal XL Edge Spacer	
79		Dow 791, 983, 995 or GE-7700 Backbedding	Silicone
80	19090	7/16" Square Bead	Rigid PVC
81		7/16" Beveled Bead	Rigid PVC
82	19044	1-1/16" Beveled Bead	Rigid PVC
83	19045	1-1/16" Ogee Bead	Rigid PVC
84	19016	1-3/16" Ogee Bead	Rigid PVC
85	71725K	Setting Block 1/2" x 4" x 1/16", 85 +/- 5 duro.	Neoprene
86	71726K	Setting Block 1" x 4" x 1/16", 85 +/- 5 duro.	Neoprene
90	781PSTX	#8 x 1" Ph. PH SMS @ Frame Assembly	SS
91	78X114PHPT410X	#8 x 1-1/4" Ph. PH SMS @ Reinf. Bar	SS
92	710X1PHPT18-8X	#10 x 1" Ph. PH SMS @ Rail Support	SS
93	710X115PPX	#10 x 1-1/2" Ph. PH SMS @ Fxd. Pnl. Clip	SS
94	710X2.5PHPT18-8X	#10 x 2-1/2" Ph. PH SMS @ Reinf. Plate/Ast.	SS
95	71420X2.25FPFX	#12 x 2-1/4" Ph. PH SMS @ Hdr. Block	SS
96	710X1.75PPX	#10 x 1-3/4" Ph. FH SMS @ Ast. Mount	SS
97	710X34PPX	#10 x 3/4" Ph. PH SMS @ Ext. Pkt. Int.	SS
98	131001	#10 x 2-1/2" Ph. FH SDS, 4 @ Keeper	SS
99	710X2PPX	#10 x 2" Ph. FH SMS, 4 @ Keeper	SS

NOTES:
1) ITEMS #14-16, 21, 22, 46-49, 53-59, 73, 74 & 87-89 ARE NOT USED AND ARE NOT PART OF THIS APPROVAL.

TABLE F:

Material	Min. F _y	Min. F _u
#12 Steel Screw	92 ksi	120 ksi
#12 410 Screw	90 ksi	110 ksi
1/4" DeWalt/Elco Aggre-Gator®	57 ksi	96 ksi
1/4" Elco UltraCon®	155 ksi	177 ksi
1/4" DeWalt UltraCon+®	148 ksi	164 ksi
1/4" 410 SS DeWalt/Elco CreteFlex®	127.4 ksi	189.7 ksi
6063-T5 Aluminum	16 ksi	22 ksi
A36 Steel	36 ksi	58 ksi
Gr. 33 Steel Stud	33 ksi	45 ksi

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Expiration Date: **08/04/2026**
By: *Manuel Perez*
Miami-Dade Product Control

PGT
Custom Windows and Doors

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

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

REGISTRATION #29296

Desc. Title

VINYL SLIDING GLASS WINDOW (LM)

Date

04/14/16

Desc.

PARTS LIST/BOM

Drawn By

JENS ROSOWSKI

Rev

UPDATED TO 2023 BUILDING CODE - JR

Rev Date

06/06/23

Series

SGD-5570 WINDOW

Sheet

21 OF 21

DWG No.

MD-5570W.0

Rev.

F

ANTHONY LYNN MILLER
LICENSE
No. 58705
A. Lynn Miller
06/09/23
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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