



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

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

PGT Industries, LLC
3400 Precision 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-770W” Aluminum Horizontal Sliding Window w/ 90° & 135° corners – L.M.I.

APPROVAL DOCUMENT: Drawing No. **PGT0129 Rev H**, titled “Aluminum Sliding Glass Window (LM)”, sheets 1 through 22 of 22, dated 02/28/22 and last revised on 12/18/24, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E., bearing the Miami-Dade County Product Control Renewal 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. Pass through Windows application without sill riser to be protected with roof overhang requirements per FBC chapter 24 to meet water infiltration. See sheets 6, 7 & 8.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.



NOA No. 24-1219.09
Expiration Date: February 12, 2030
Approval Date: January 16, 2025
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DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

This NOA **revises & renews NOA No. 23-0710.08** (PGT Industries, Inc.) and consists of this page 1 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 **Ishaq I. Chanda, P.E.**

Ishaq I. Chanda



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Expiration Date: February 12, 2030
Approval Date: January 16, 2025
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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. **PGT0129**, titled "Alum. Sliding Glass Window (LM)", sheets 1 through 22 of 22, dated 02/28/22, with revision F dated 07/21/22, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
(Submitted under NOA No. 22-0727.07)

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 "770" aluminum sliding glass door, prepared by QAI Laboratories, Test Report No. **NOK-0003**, dated 07/21/22, signed and sealed by Idalmis Ortega, P.E
(Submitted under NOA No. 22-0727.07)
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 "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. 22-0407.11)
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, 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. 22-0407.11)
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 "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. 22-0407.11) *Ishaq I. Chanda*

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 24-1219.09
Expiration Date: February 12, 2030
Approval Date: January 16, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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

5. 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. 20-0406.07)

6. 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. 14-0320.03)

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 aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-7554**, dated 11/01/13, signed and sealed by Marlin D. Brinson, P.E.

(Submitted under NOA No. 14-0320.03) *Ishaq I. Chanda*

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 24-1219.09
Expiration Date: February 12, 2030
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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

B. TESTS (CONTINUED)

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) Forced Entry Test, Per FBC 2411.3.2.1 (b) TAS 202-94
5) Small Missile Impact Test per FBC, TAS 201-94
6) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with marked-up drawings and installation diagram of aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-5980, FTL-5993, FTL-6036, FTL-6001, FTL-6014, FTL-6015, FTL-6017, FTL-6023, FTL-6024, FTL-6025, FTL-6028, FTL-6031, FTL-6033** and **FTL-6036**, all dated 08/10/09 and signed and sealed by Julio Gonzalez, P.E.

(Submitted under NOA No. 09-0826.10)

9. Additional, Reference Fixed Window Test Report No. **FTL-7897** (Cardinal spacer) per TAS 201, 202 & 203-94, issued by Fenestration Testing Laboratory, Inc.
(Submitted under NOA No. 15-0430.08)

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. 20-0406.07)
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.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 24-1219.09
Expiration Date: February 12, 2030
Approval Date: January 16, 2025

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 July 26, 2022, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
(Submitted under NOA No. 22-0727.07)
2. Statement letter of no financial interest, dated July 26, 2022, issued by manufacturer, signed and sealed by A. Lynn Miller, P.E.
(Submitted under NOA No. 22-0727.07)
3. Letter of lab. compliance, part of the above test reports.
(Submitted under NOA No. 20-0406.07)
4. Proposal No. **19-1155** issued by the Product Control Section, dated 01/10/20, signed by Ishaq Chanda, P.E.
(Submitted under NOA No. 20-0406.07)
5. Proposal No. **16-0125** issued by the Product Control Section, dated 03/09/16, signed by Ishaq Chanda, P.E.
(Submitted under NOA No. 16-0629.09)

G. OTHERS

1. Notice of Acceptance No. **22-0407.11**, issued to PGT Industries, Inc., for their Series "SGD-770" Aluminum Horizontal Sliding Window w/90° & 135° corners – L.M.I., approved on 04/21/22 and expiring on 02/12/25.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 24-1219.09
Expiration Date: February 12, 2030
Approval Date: January 16, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. EVIDENCE SUBMITTED under previous approval

A. DRAWINGS

1. Drawing No. **PGT0129**, titled “Aluminum Sliding Glass Window (LM)”, sheets 1 through 22 of 22, dated 02/28/22, with revision **G** 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)

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.

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. **22-0727.07**, issued to PGT Industries, Inc., for their Series “**SGD-770A**” Aluminum Horizontal Sliding Window w/90° & 135° corners – L.M.I., approved on 08/11/22 and expiring on 02/12/25.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 24-1219.09
Expiration Date: February 12, 2030
Approval Date: January 16, 2025

PGT Industries, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **PGT0129 Rev H**, titled “Aluminum Sliding Glass Door (LM)”, sheets 1 through 22 of 22, dated 02/28/22 and last revised on 12/18/24, 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)

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **24-0725.02** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**”, expiring on 07/08/29.
2. Notice of Acceptance No. **22-1116.03** issued to Kuraray America, Inc. for their “**Trosifol® Extra Stiff (ES) PVB Glass Interlayer**”, 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**”, expiring on 07/04/28.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 8th Edition (2023)**, and statement letter of no financial interest, dated 12/18/24, signed and sealed by Anthony Lynn Miller, P.E.
2. Statement letter dated 12/18/24 issued by manufacturer requesting renewal with company name change to PGT industries, LLC, signed and sealed by Anthony Lynn Miller, P.E.
3. e-mail dated 12/23/24 sent by Lynn Miller (PGT Code Compliance Manager), consists of PGT innovation form 8-k filed w/SEC, PGT innovation form 10-K filed w/SEC and Exhibit 21(Form 10-K); PGT innovation’s list of subsidiaries.

G. OTHERS

1. Article of conversion of PGT Industries, Inc to PGT industries, LLC pdf provided on 12/24/24 by Ms. April Lee, Assistant General Counsel.
2. Florida Department of State, Division of Corporation listing # L2400142070 of PGT Industries, LLC as active status since 12/17/24.
3. Florida Department of State, Division of Corporation listing # F03387 of PGT Industries, Inc as Inactive status.
4. PGT Name change organization chart layout prepared by RER (for file use only).
5. This NOA **revises & renews NOA No. 23-0710.08** (PGT Industries, Inc.), expires on 02/17/30.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 24-1219.09
Expiration Date: February 12, 2030
Approval Date: January 16, 2025

**SERIES 770W IMPACT RESISTANT SLIDING GLASS WINDOW
INCLUDING POCKETS & 90° / 135° CORNERS**

DESIGN PRESSURE RATING	IMPACT RATING
SEE TABLES 1-3 ON SHEETS 6-8	RATED FOR LARGE & SMALL MISSILE IMPACT RESISTANCE

PRODUCT RENEWED
as complying with the Florida Building Code
NOA-No. 24-1219.09
Expiration Date 02/12/2030
By Ismael L. Chanda
Miami-Dade Product Control

- THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- SHUTTERS ARE NOT REQUIRED WHEN USED IN WIND-BORNE DEBRIS REGIONS. FOR INSULATED GLASS INSTALLATIONS ABOVE 30' IN THE HVHZ, THE OUTBOARD LITE (CAP) MUST BE TEMPERED.
- FOR MASONRY APPLICATIONS IN MIAMI-DADE COUNTY, USE ONLY MIAMI-DADE COUNTY APPROVED MASONRY ANCHORS. MATERIALS USED FOR ANCHOR EVALUATIONS WERE SOUTHERN PINE, ASTM C90 CONCRETE MASONRY UNITS AND CONCRETE WITH MIN. KSI PER ANCHOR TYPE.
- ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO BE CONSIDERED 1X INSTALLATIONS. 1X WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SUBSTRATE. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND SECURED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. WOOD BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER, (EOR) OR ARCHITECT OF RECORD, (AOR).
- ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. USE ANCHORS OF SUFFICIENT LENGTH TO ACHIEVE REQUIRED MIN. EMBEDMENT. SILL ANCHORS MUST BE SEALED. INSTALLATION SCREWS, FRAME AND PANEL CORNERS 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.

8) THE ANCHORAGE METHODS SHOWN HAVE BEEN DESIGNED TO RESIST THE WINDLOADS CORRESPONDING TO THE REQUIRED DESIGN PRESSURE. THE 33-1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. THE 1.6 LOAD DURATION FACTOR WAS USED FOR THE EVALUATION OF ANCHORS INTO WOOD. ANCHORS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE FOR CORROSION RESISTANCE.

9) METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE AND TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.

10) APPLICABLE EGRESS REQUIREMENTS TO BE REVIEWED BY BUILDING OFFICIAL.

11) 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.

12) REFERENCES: TEST REPORTS: FTL-5980, FTL-5993, FTL-6001, FTL-6014, FTL-6015, FTL-6017, FTL-6022, FTL-6023, FTL-6024, FTL-6025, FTL-6028, FTL-6031, FTL-6033, FTL-6036, FTL-7554, QAI 21-1218, QAI 21-1241 & QAI 22-1040; DEWALT ULTRACON+ NOA; ELCO ULTRACON NOA; DEWALT/ELCO CRETEFLEX NOA AND AGGREGATOR NOA

6) 1/4" MAX. SHIMS ARE REQUIRED AT EACH ANCHOR LOCATION WHERE THE PRODUCT IS NOT FLUSH TO THE SUBSTRATE. USE SHIMS CAPABLE OF TRANSFERRING APPLIED LOADS.

- 7) DESIGN PRESSURES:
- NEGATIVE DESIGN LOADS BASED ON STRUCTURAL TESTING AND GLASS PER ASTM E1300.
 - POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE, STRUCTURAL TESTING AND GLASS PER ASTM E1300.
 - DESIGN LOADS ARE BASED ON ALLOWABLE STRESS DESIGN, ASD.

DLO WIDTH = NOM. PANEL WIDTH - 7"
PANEL HEIGHT = WINDOW UNIT HEIGHT - 1-7/8"
DLO HEIGHT = WINDOW UNIT HEIGHT - 10-1/8"
DLO HEIGHT = PANEL HEIGHT - 8-1/4"

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CODES / STANDARDS USED:


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

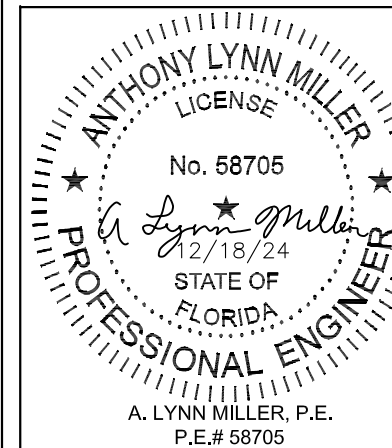
TABLE A:

Anchor Group	Anchor Type	Frame Member	Substrate	Min. Edge Distance	Min. O.C. Distance	Min. Embedment or Metal Thickness
A	#12 18-8 SMS or #12 410 SS SMS (min. of 3 threads beyond metal substrate)	All	Southern Pine (SG = 0.55)	9/16"	7/8"	1-3/8"
			6063-T5 Aluminum	3/8"	9/16"	0.071" (20 Ga)
			A36 Steel	3/8"	9/16"	0.050"
			Gr. 33 Steel Stud	3/8"	9/16"	0.045" (18 Ga)
	1/4" DeWalt/Elco Aggre-Gator®	Jamb / P-hook	Concrete (min. 2.22 ksi)	1-1/2"	3"	1-3/8"
			Filled Block (ASTM C90)	2"	3"	2"
			Hollow Block (ASTM C90)	2"	3"	1-1/4"
B	#12 Steel SMS (Gr. 5) (min. of 3 threads beyond metal substrate)	All	Southern Pine (SG = 0.55)	9/16"	7/8"	1-3/8"
			6063-T5 Aluminum	3/8"	9/16"	0.071" (20 Ga)
			A36 Steel	3/8"	9/16"	0.050"
			Gr. 33 Steel Stud	3/8"	9/16"	0.045" (18 Ga)
C	1/4" DeWalt UltraCon® +	Head / Sill	Concrete (min. 3 ksi)	1-5/16"	4"	1-3/8"
		Jamb / P-hook	Concrete (min. 3 ksi)	1"	4"	1-3/8"
		Jamb / P-hook	Hollow Block (ASTM C90)	1"	3"	1-1/4"
		All	Southern Pine (SG = 0.55)	1"	1"	1-3/8"
		D	1/4" 410 SS DeWalt/Elco CreteFlex®	Head / Sill	Concrete (min. 3.35 ksi)	1"
Jamb / P-hook	Concrete (min. 3.35 ksi)			1"	6"	1-3/4"
Jamb / P-hook	Hollow Block (ASTM C90)			2-1/2"	6"	1-1/4"
All	Southern Pine (SG = 0.55)			1"	1"	1-3/8"

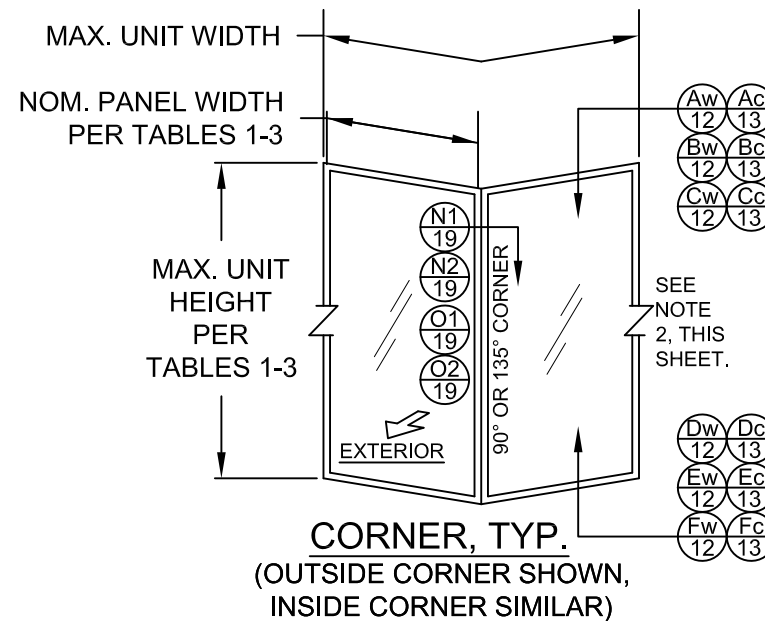
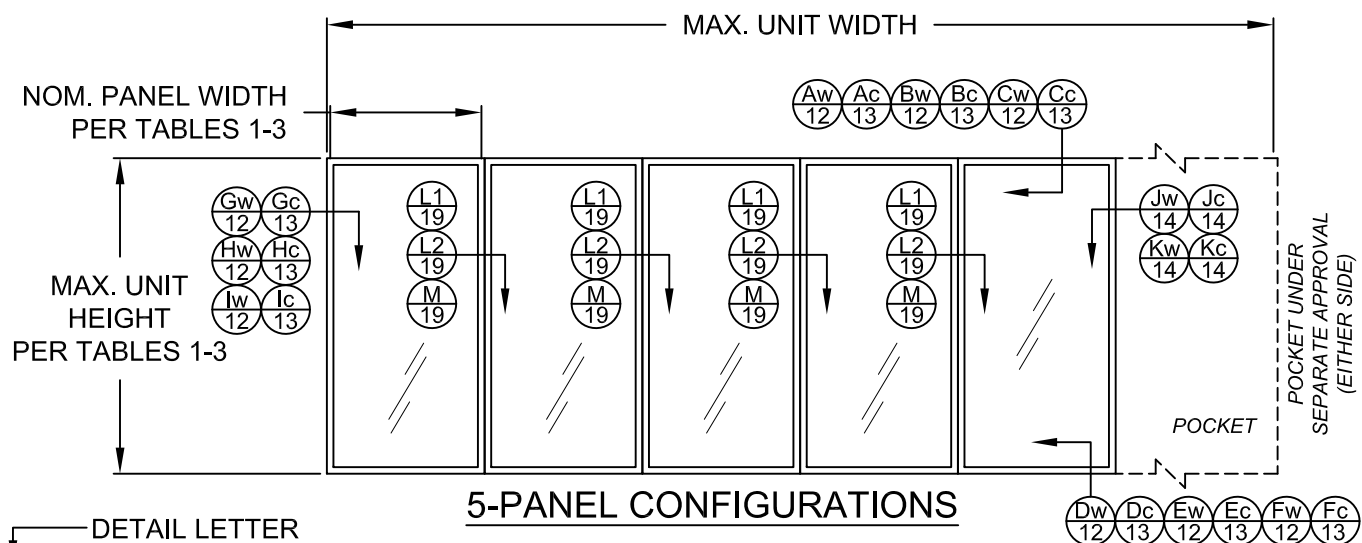
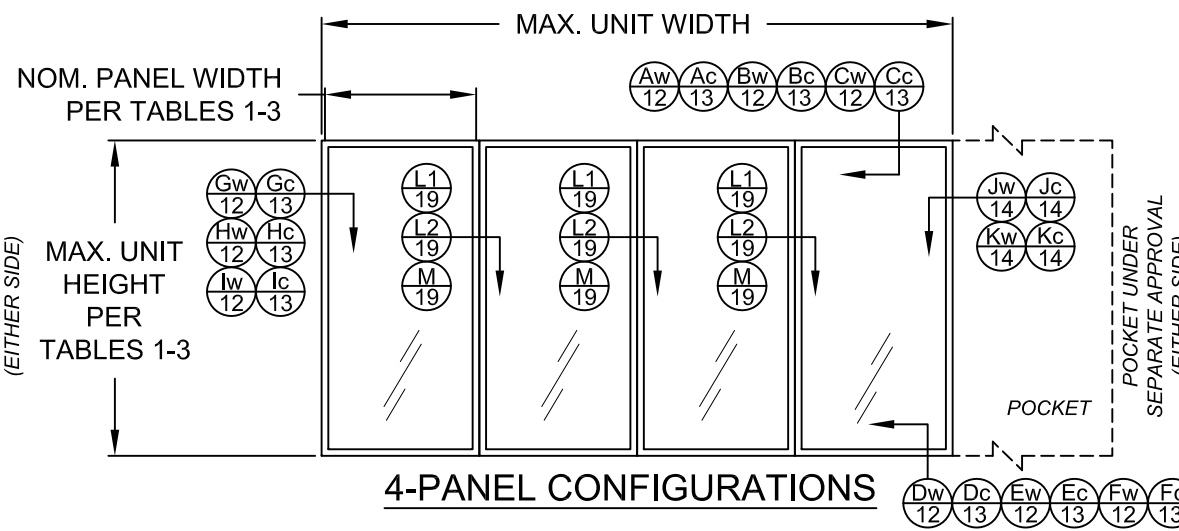
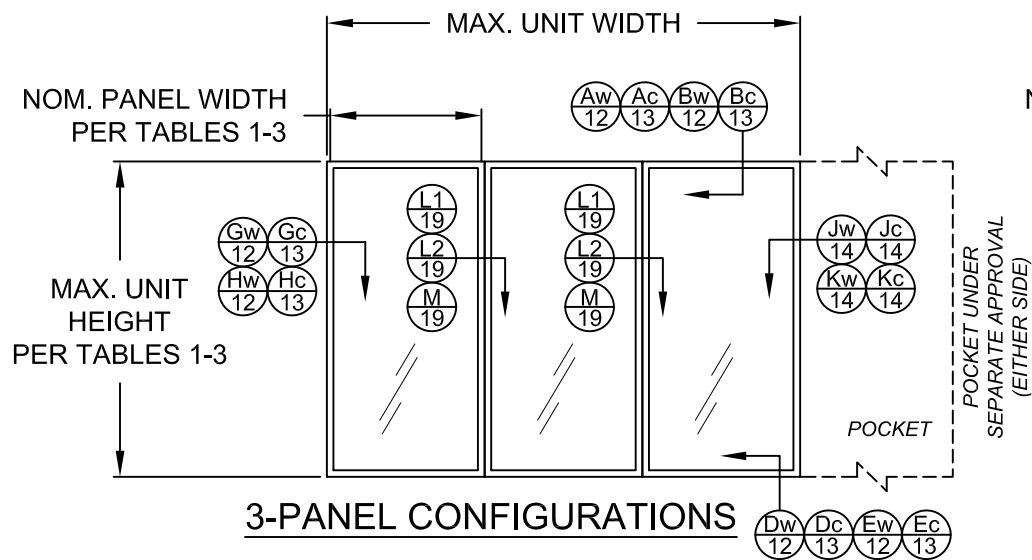
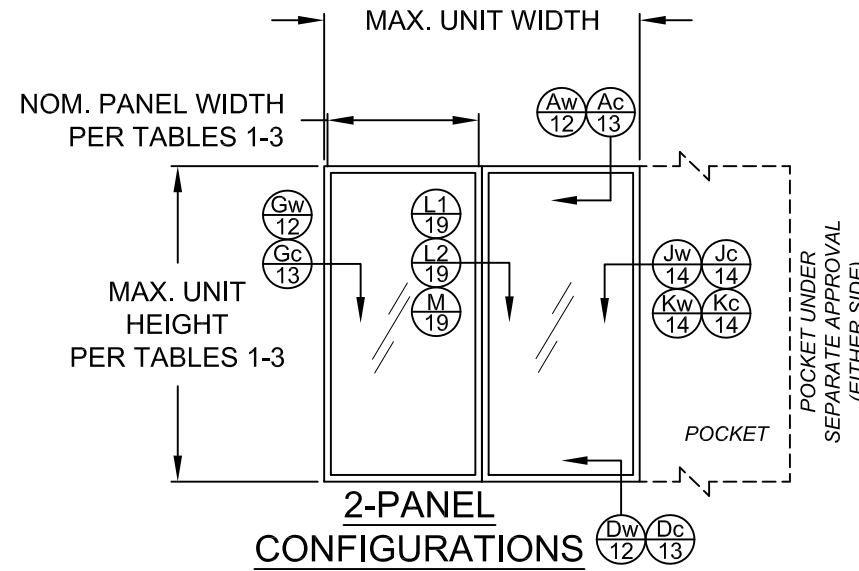
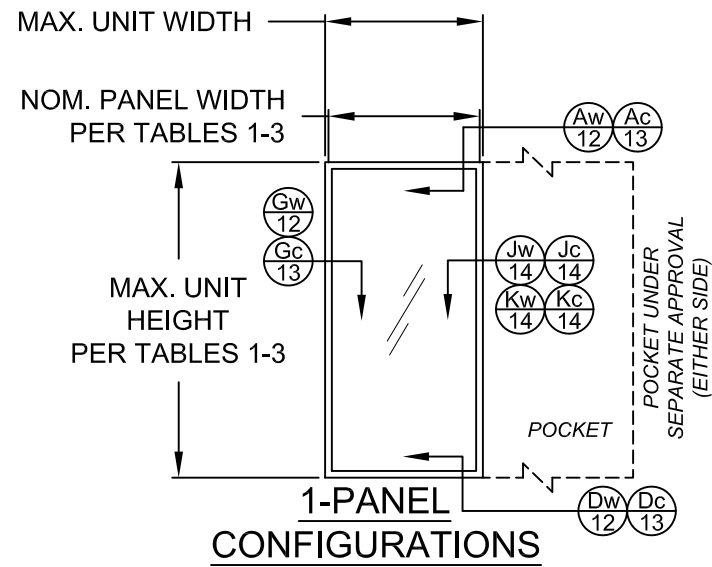
- WHERE SUBSTRATE CONDITIONS REQUIRE ANCHORAGE FROM MORE THAN ONE OF THE ANCHOR GROUPS ABOVE, CHOOSE THE ANCHOR GROUP OF THE LOWEST LETTER FOR ALL TABLES IN THIS APPROVAL.
- ALL ANCHOR HEAD TYPES ARE APPLICABLE.
- FOR THE MINIMUM STRENGTHS OF ANCHORS AND SUBSTRATES, SEE TABLE 5, SHEET 20.
- HOLLOW BLOCK VALUES MAY ALSO BE USED IN FILLED BLOCK APPLICATIONS.
- ANCHORS MUST BE OF SUFFICIENT LENGTH SO THAT A MINIMUM OF 3 THREADS EXTEND BEYOND METAL SUBSTRATE.

Revision: REVISED CO. ADDRESS
JR - 12/18/24

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	02/28/22
		By	JENS ROSOWSKI
 Custom Windows and 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	ALUMINUM SLIDING GLASS WINDOW (LM)	No.	PGT0129
		Sheet	1 OF 22
GEN. NOTES AND ANCHOR		Series	SGD770W



EXAMPLE CONFIGURATIONS



CONFIGURATIONS NOTES:

1) ALL CONFIGURATIONS SHOWN ARE ALSO AVAILABLE AS POCKET CONFIGURATIONS AT EITHER OR BOTH JAMB LOCATIONS USING DETAIL "Jw", "Jc", "Kw" OR "Kc" INSTALLATION. 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 CAN BE A COMBINATION OF ANY 2 STRAIGHT CONFIGURATIONS.

3) FOR NOM. PANEL WIDTH, SEE TABLES 1-3.

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

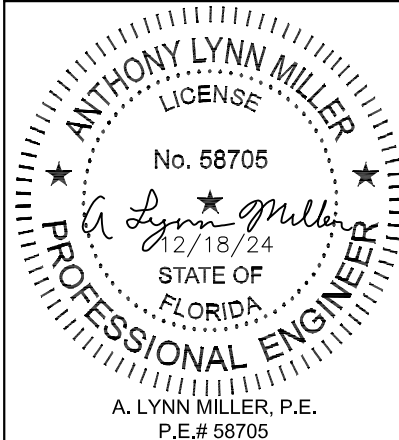
DLO WIDTH = NOM. PANEL WIDTH - 7"
PANEL HEIGHT = WINDOW UNIT HEIGHT - 1-7/8"
DLO HEIGHT = WINDOW UNIT HEIGHT - 10-1/8"
DLO HEIGHT = PANEL HEIGHT - 8-1/4"

DETAIL LETTER
"w" = WOOD OR METAL INSTALLATION
"c" = CONCRETE INSTALLATION
SHEET NUMBER

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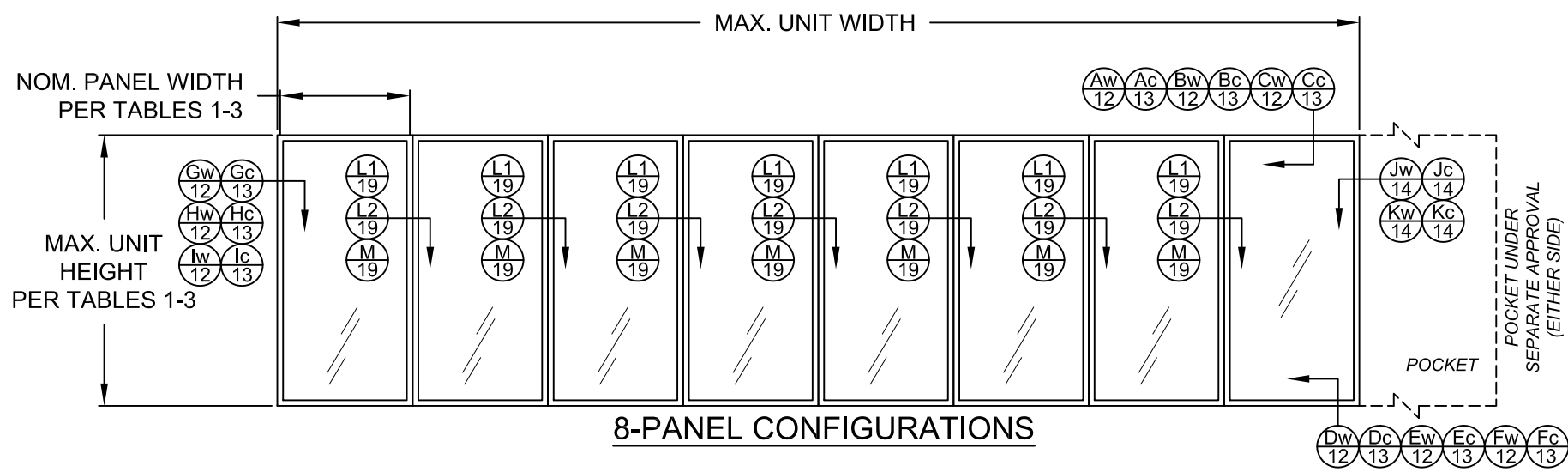
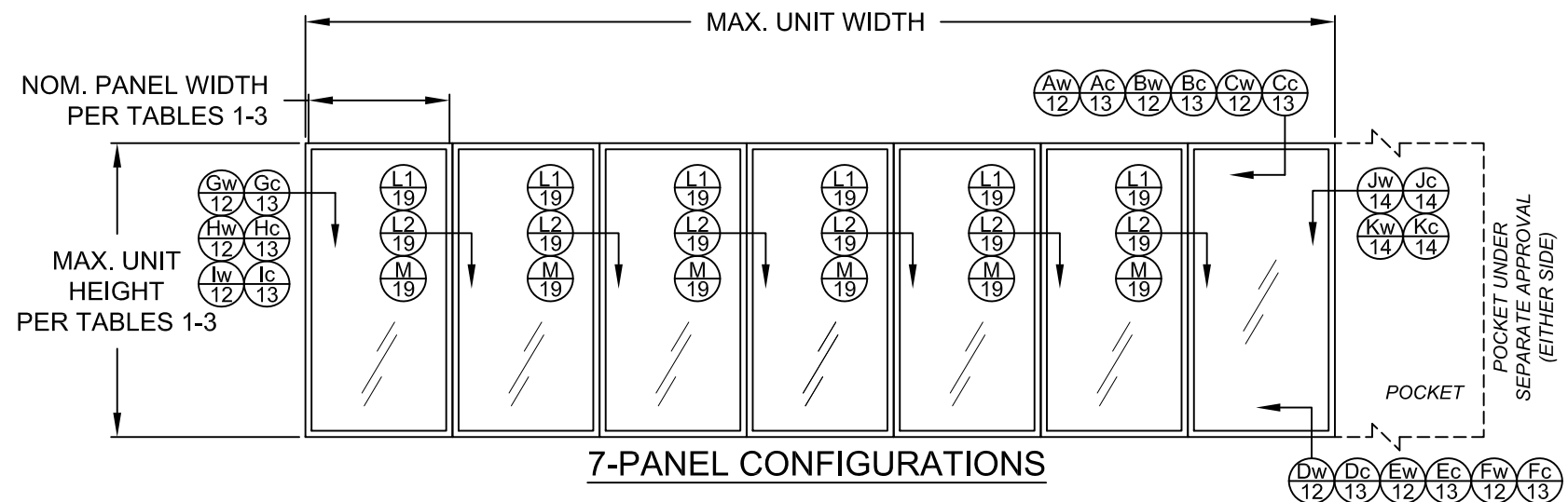
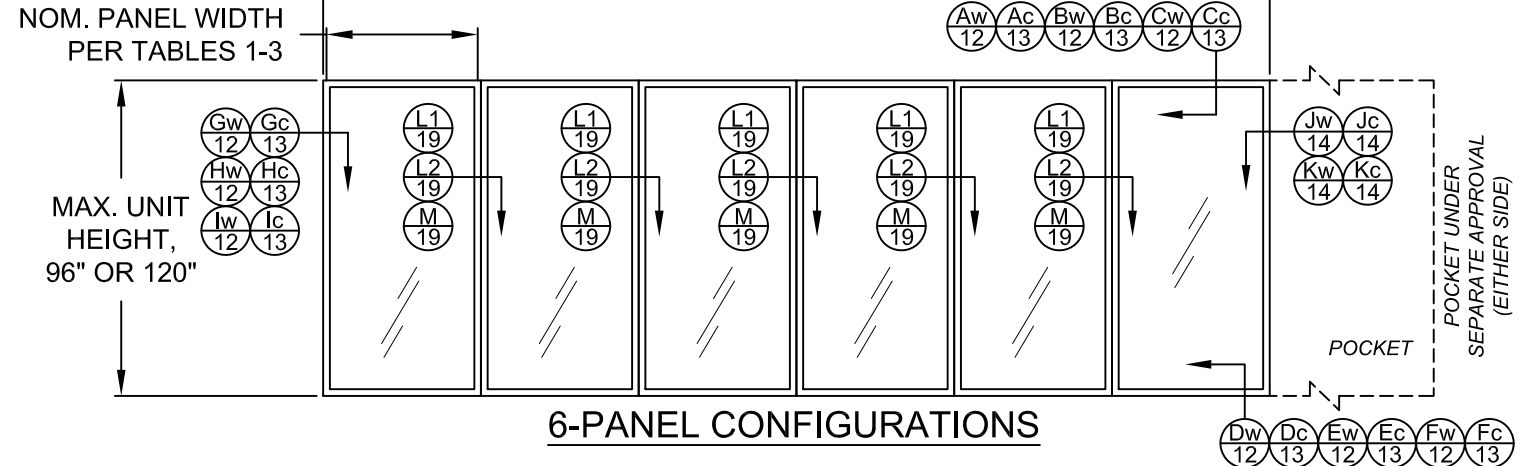
REVISION: Revised CO. ADDRESS
JR - 12/18/24

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 WINDOWS	REGISTRATION #29296	Date	02/28/22	Rev.	H
		By	JENS ROSOWSKI		
ALUMINUM SLIDING GLASS WINDOW (LM) EXAMPLE CONFIGURATIONS	SGD770W	No.	2 OF 22	DWG	PGT0129
		Series	2 OF 22	Sheet	SGD770W



EXAMPLE CONFIGURATIONS

MAX. TESTED UNIT WIDTH =
355-7/16" @ 96" HEIGHT
300-1/4" @ 120" HEIGHT



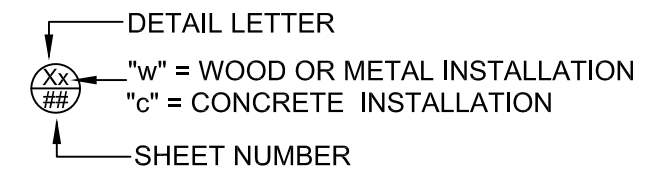
CONFIGURATIONS NOTES:

1) ALL CONFIGURATIONS SHOWN ARE ALSO AVAILABLE AS POCKET CONFIGURATIONS AT EITHER OR BOTH JAMB LOCATIONS USING DETAIL "Jw", "Jc", "Kw" OR "Kc" INSTALLATION. 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 CAN BE A COMBINATION OF ANY 2 STRAIGHT CONFIGURATIONS.

3) FOR NOM. PANEL WIDTH, SEE TABLES 1-3.

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

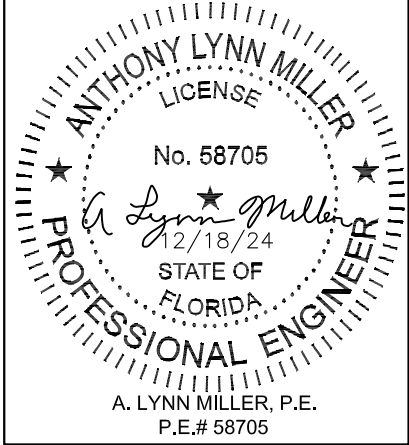


DLO WIDTH = NOM. PANEL WIDTH - 7"
PANEL HEIGHT = WINDOW UNIT HEIGHT - 1-7/8"
DLO HEIGHT = WINDOW UNIT HEIGHT - 10-1/8"
DLO HEIGHT = PANEL HEIGHT - 8-1/4"

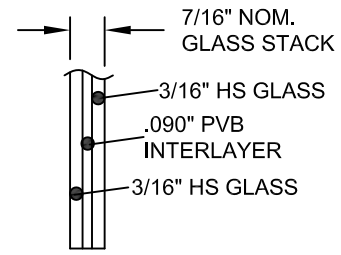
PRODUCT RENEWED
as complying with the Florida Building Code
NOA-No. 24-1219.09
Expiration Date 02/12/2030
By *Ishag I. Chande*
Miami-Dade Product Control

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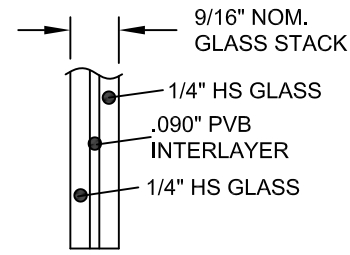
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 WINDOWS	REGISTRATION #29296	Date	02/28/22
		By	JENS ROSOWSKI
ALUMINUM SLIDING GLASS WINDOW (LM)	EXAMPLE CONFIGURATIONS	DWG No.	PGT0129
		Sheet	SGD770W



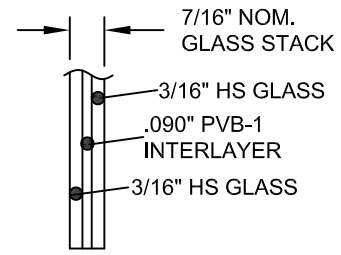
GLAZING DETAILS



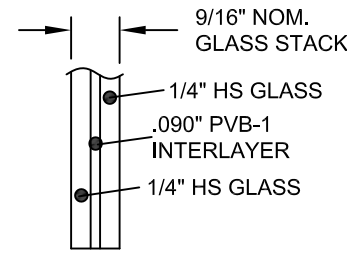
GLASS TYPE 3



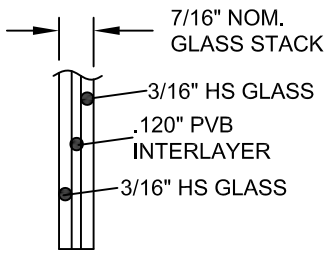
GLASS TYPE 3A



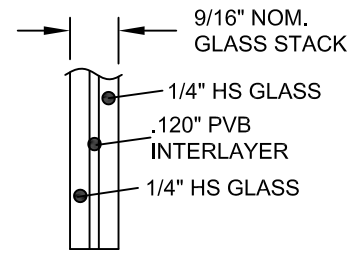
GLASS TYPE 3B



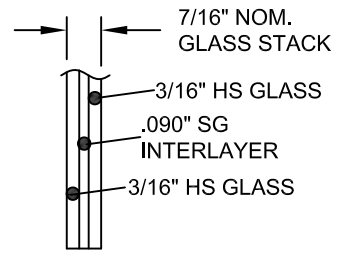
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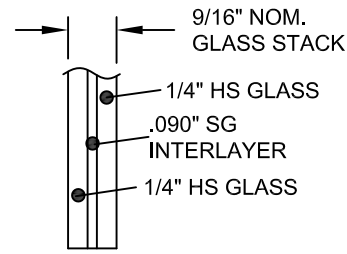
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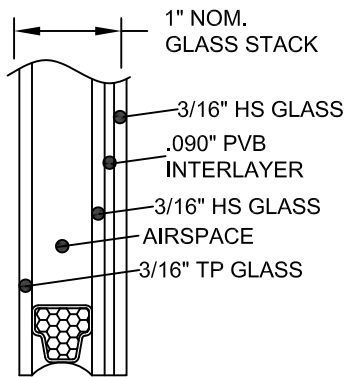
GLASS TYPE 3E



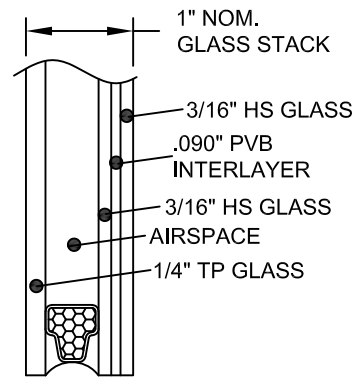
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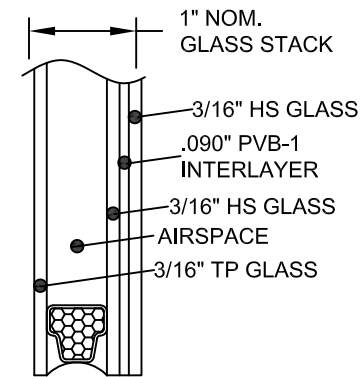
GLASS TYPE 4A



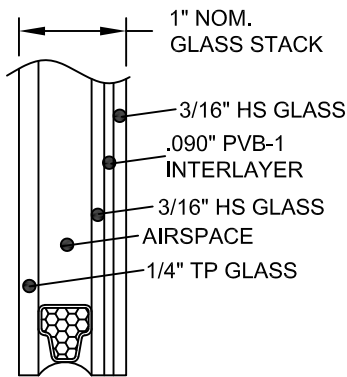
GLASS TYPE 5



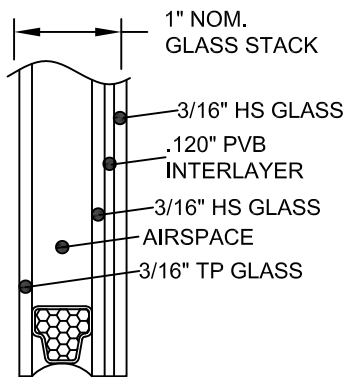
GLASS TYPE 5A



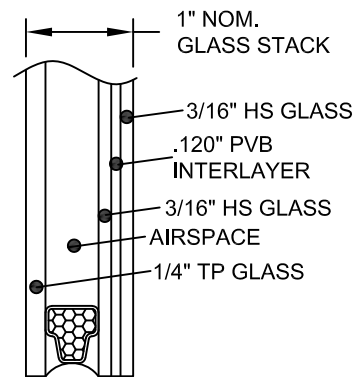
GLASS TYPE 5B



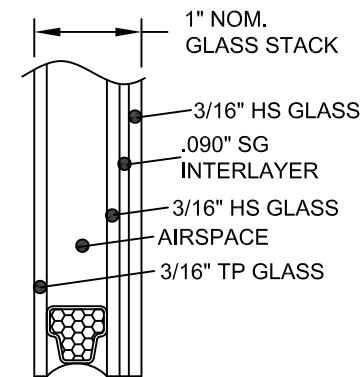
GLASS TYPE 5C



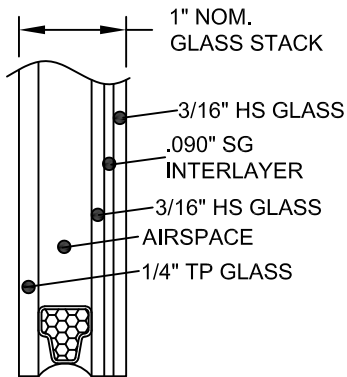
GLASS TYPE 5D



GLASS TYPE 5E



GLASS TYPE 6



GLASS TYPE 6A

TABLE B:

Glass Type	Description (Listed from Exterior to Interior)
3	7/16" LAMI: 3/16" HS, .090" PVB, 3/16" HS
3A	9/16" LAMI: 1/4" HS, .090" PVB, 1/4" HS
3B	7/16" LAMI: 3/16" HS, .090" PVB-1, 3/16" HS
3C	9/16" LAMI: 1/4" HS, .090" PVB-1, 1/4" HS
3D	7/16" LAMI: 3/16" HS, .120" PVB, 3/16" HS
3E	9/16" LAMI: 1/4" HS, .120" PVB, 1/4" HS
4	7/16" LAMI: 3/16" HS, .090" SG, 3/16" HS
4A	9/16" LAMI: 1/4" HS, .090" SG, 1/4" HS
5	1" LAMI IG: 3/16" TP CAP, AIRSPACE, 3/16" HS, .090" PVB, 3/16" HS
5A	1" LAMI IG: 1/4" TP CAP, AIRSPACE, 3/16" HS, .090" PVB, 3/16" HS
5B	1" LAMI IG: 3/16" TP CAP, AIRSPACE, 3/16" HS, .090" PVB-1, 3/16" HS
5C	1" LAMI IG: 1/4" TP CAP, AIRSPACE, 3/16" HS, .090" PVB-1, 3/16" HS
5D	1" LAMI IG: 3/16" TP CAP, AIRSPACE, 3/16" HS, .120" PVB, 3/16" HS
5E	1" LAMI IG: 1/4" TP CAP, AIRSPACE, 3/16" HS, .120" PVB, 3/16" HS
6	1" LAMI IG: 3/16" TP CAP, AIRSPACE, 3/16" HS, .090" SG, 3/16" HS
6A	1" LAMI IG: 1/4" TP CAP, AIRSPACE, 3/16" HS, .090" SG, 3/16" HS
7	7/16" LAMI: 3/16" AN, .090" SG, 3/16" AN
7A	9/16" LAMI: 1/4" AN, .090" SG, 1/4" AN
8	1" LAMI IG: 3/16" TP CAP, AIRSPACE, 3/16" AN, .090" SG, 3/16" AN
8A	1" LAMI IG: 1/4" TP CAP, AIRSPACE, 3/16" AN, .090" SG, 3/16" AN

AN = ANNEALED
 HS = HEAT STRENGTHENED
 TP = TEMPERED
 PVB = TROSIFOL PVB INTERLAYER BY KURARAY AMERICA, INC.
 PVB-1 = MODIFIED TROSIFOL PVB INTERLAYER BY KURARAY AMERICA, INC.
 SG = SENTRYGLAS PVB INTERLAYER BY KURARAY AMERICA, INC.

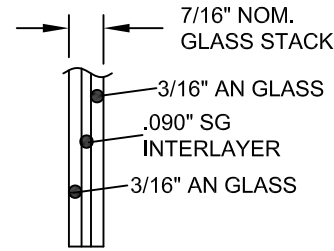
PRODUCT RENEWED
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 Miami-Dade Product Control

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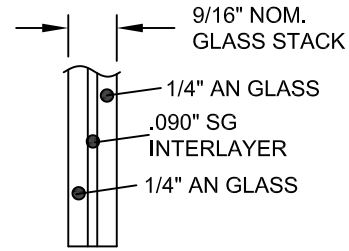
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 WINDOWS	REGISTRATION #29296 ALUMINUM SLIDING GLASS WINDOW (LM)	Date	02/28/22
		Drawn By	JENS ROSOWSKI
PGT Custom Windows and 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	GLAZING DETAILS SGD770W	No.	4 OF 22
		Sheet	PGT0129

ANTHONY LYNN MILLER
 LICENSE
 No. 58705
A. Lynn Miller
 12/18/24
 STATE OF
 FLORIDA
 PROFESSIONAL ENGINEER
 A. LYNN MILLER, P.E.
 P.E.# 58705

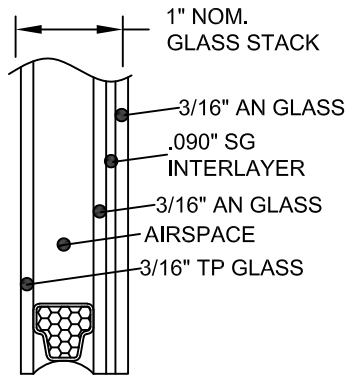
GLAZING DETAILS, CONT.



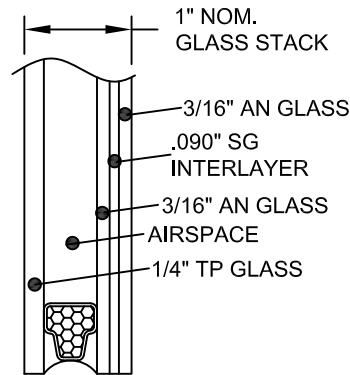
GLASS TYPE 7



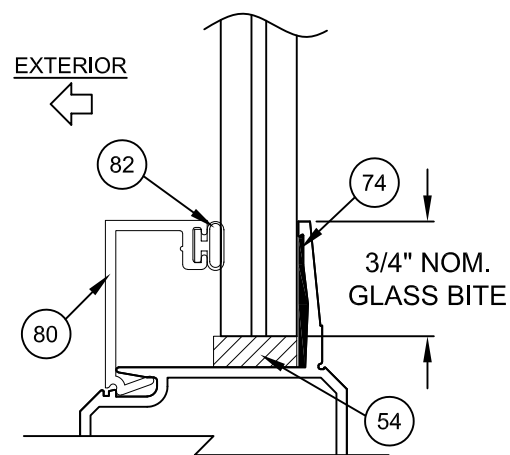
GLASS TYPE 7A



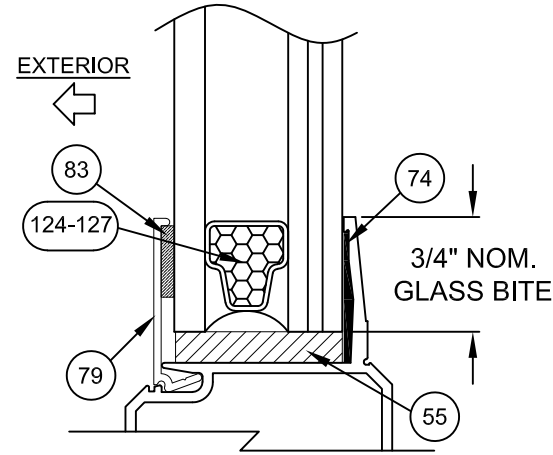
GLASS TYPE 8



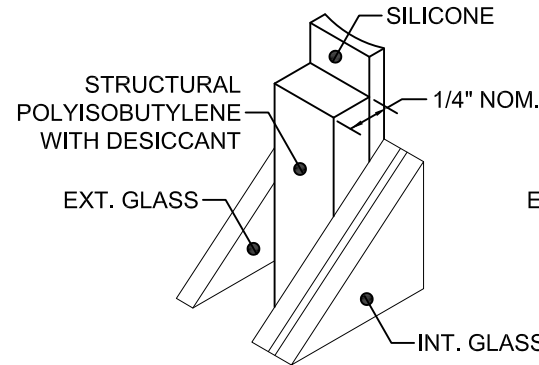
GLASS TYPE 8A



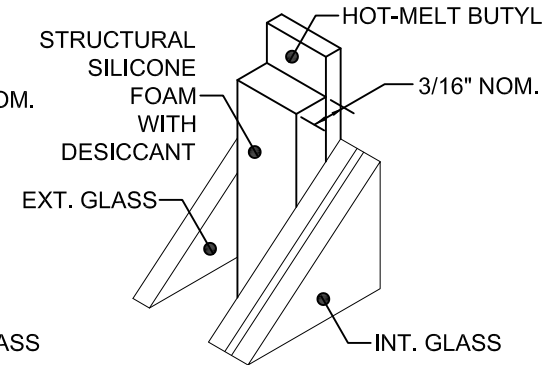
LAMI. GLAZING DETAIL



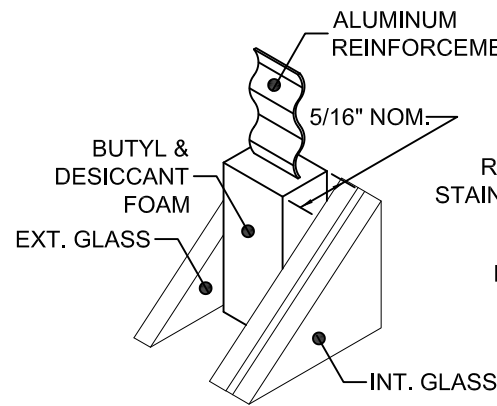
LAMI. IG GLAZING DETAIL



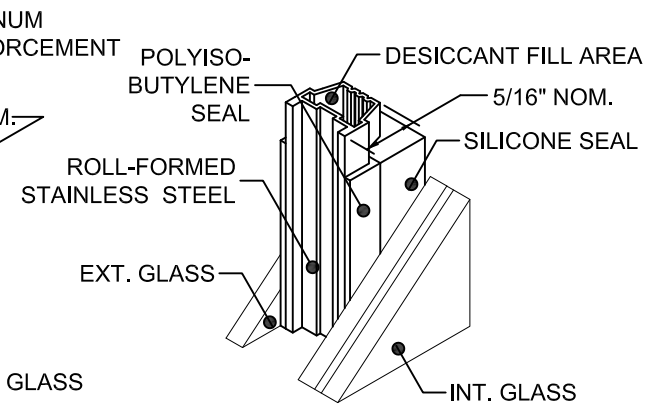
124 KODISPACE 4SG TPS



125 SUPER SPACER[®] NXT[™]



126 DURASEAL[®] SPACER



127 XL EDGE[™] SPACER

Part #	Description	Material
124	Kommerling 4SG TPS Spacer System	See this Sheet for Materials
125	Quanex Super Spacer nXT with Hot Melt Butyl	
126	Quanex Duraseal Spacer	
127	Cardinal XL Edge Spacer	

REFERENCE TEST REPORTS: FTL-8717, 8968 & 8970

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 By *Ismael I. Chanda*
 Miami-Dade Product Control

REVISION: Revised CO. ADDRESS
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PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 WINDOWS	REGISTRATION #29296	Date	02/28/22
		Drawn By	JENS ROSOWSKI
PGT Custom Windows and 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	ALUMINUM SLIDING GLASS WINDOW (LM)	DWG No.	5 OF 22
		Series	SGD770W
GLAZING DETAILS		Sheet	PGT0129

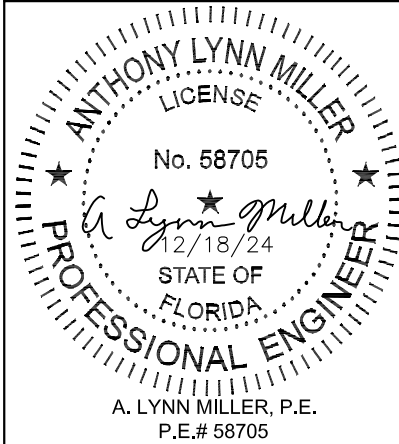


TABLE 1:

**Design Pressure (DP) and Anchor Quantities Required,
(for all approved configurations on Sheets 2 & 3)**

For corner astragal anchorage on 90° or 135° corner units, see sheet 11

Maximum DP for all sizes: +60 / -60

(May be limited by Table 1A)

Applies to Inter./Glass Types: .090" PVB: 3, 3A, 5 & 5A .090" SG: 7, 7A, 8 & 8A and the Stile/Astragal types shown below.			Window Unit Height (in)																														
			42				48				60				72				80				96										
			31-7/8" DLO				37-7/8" DLO				49-7/8" DLO				61-7/8" DLO				69-7/8" DLO				85-7/8" DLO										
			Anchor Group				Anchor Group				Anchor Group				Anchor Group				Anchor Group				Anchor Group										
Nominal Panel Width (in)			A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D			
			24	17" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1
					Jamb	4	4	4	4	6	6	6	6	6	6	6	6	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
					P-Hook	4+5	4+5	4+5	4+5	4+5	4+5	4+5	4+5	5+6	5+6	5+6	5+6	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8
36	29" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1			
		Jamb	4	4	4	4	6	6	6	6	6	6	6	6	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8			
		P-Hook	4+5	4+5	4+5	4+5	4+5	4+5	4+5	4+5	5+6	5+6	5+6	5+6	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8			
42	35" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1			
		Jamb	4	4	4	4	6	6	6	6	6	6	6	6	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8			
		P-Hook	4+5	4+5	4+5	4+5	4+5	4+5	4+5	4+5	5+6	5+6	5+6	5+6	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8			
48	41" DLO	Head/Sill	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2			
		Jamb	4	4	4	4	6	6	6	6	6	6	6	6	8	8	8	8	8	8	8	8	10	8	8	8	8	8	8	8			
		P-Hook	4+5	4+5	4+5	4+5	4+5	4+5	4+5	4+5	5+6	5+6	5+6	5+6	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8			

FOR EXAMPLE ON USING TABLE, SEE SHEET 8.

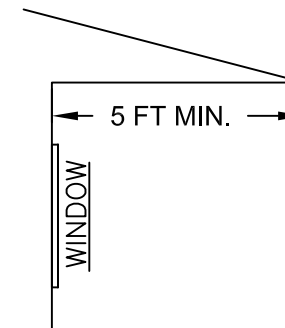
NOTES:

- 1) POSITIVE PRESSURES IN TABLE 1 ARE BASED ON THE USE OF THE 3-1/4" SILL.
- 2) WHEN USING THE 2-1/2" SILL, POSITIVE WATER DP IS 46.67 PSF MAX. WHEN USING THE 3-1/4" SILL, POSITIVE WATER DP IS 60.0 PSF MAX. WHEN USING THE 4" SILL, POSITIVE WATER DP IS 60.0 PSF MAX (NEGATIVE PRESSURES UNCHANGED). SEE TABLE 1A.
- 3) 4", 3-1/4" AND 2-1/2" SILL HEIGHTS ARE TESTED FOR WATER INFILTRATION WHEREAS THE 1-1/2" SILL IS NOT AND MUST ONLY BE USED WHERE WATER RESISTANCE IS NOT REQUIRED. MAX. POSITIVE DESIGN PRESSURES SHOWN IN TABLE 1 MAY BE USED WHEN THE WINDOW IS PROTECTED BY AN OVERHANG COMPLYING WITH THE CURRENT FLORIDA BUILDING CODE (SEE ADJACENT DIAGRAM); THIS CONDITION IS NOT RATED FOR WATER INFILTRATION.
- 4) SEE SHEETS 10-14 FOR ANCHORAGE SPACING, EDGE DISTANCE AND EMBEDMENT INFORMATION.
- 5) WINDOW SIZE TO COMPLY WITH CURRENT FBC EGRESS REQUIREMENTS WHEN REQUIRED.
- 6) JAMB ANCHORS ARE SPECIFIED AS THE TOTAL QUANTITY, DIVIDE BY 2 FOR PAIRS TO BE INSTALLED.

TABLE 1A:

Sill Height to Max. (+) DP (Water Infiltration Rating)	
Sill Riser Height (Flat or Box, see Sheet 17)	(+) Design Pressure, psf
Flush - 1-1/2"	see note 3
Low - 2-1/2"	+ 46.67
Medium - 3-1/4"	+ 60.0
High - 4"	+ 60.0

SEE NOTES 1-3



WHEN USED IN PASS-THROUGH WINDOW APPLICATIONS, A MIN. 5-FT OVERHANG IS REQUIRED PER THE CURRENT BUILDING CODE.

FOR STANDARD WINDOW APPLICATIONS, A SILL RISER WILL BE REQUIRED TO MEET THE WATER INFILTRATION REQUIREMENTS.

THE FOLLOWING STILE & ASTRAGAL TYPES SHALL BE USED FOR TABLE 1, SEE SHEETS 21 & 22 FOR PART DIMENSIONS AND SHEETS 18 & 19 FOR ASSEMBLY DETAILS.

Interlock	P-hook	Lockstile @ Jamb	Straight Astragal Assembly	Lockstile @ Straight Astragal	90° Astragal Assembly	Lockstile @ 90° Astragal	135° Astragal Assembly	Lockstile @ 135° Astragal
Standard Stiles	Standard Stile	Standard Stile	Standard Stile	Standard Stile	Heavy-duty Stile	Heavy-duty Stile	Heavy-duty Stile	Heavy-duty Stile
					Outside Corner Inside Corner 	Outside Corner Inside Corner 	Inside Corner Outside Corner 	
Part #60 (x2)	Part #60	Part #60	Part #60 (Stile) Part #67 (Astragal)	Part #60	Part #61 (Stile) Part #118 (Corner Receiver)	Part #119 (Out.) Part #120 (In.)	Part #61 (Stile) Parts #31 & #32 (Corn. & Fxd Mount)	Part #61

DLO WIDTH =
NOM. PANEL WIDTH - 7"

PANEL HEIGHT =
WINDOW UNIT HEIGHT - 1-7/8"

DLO HEIGHT =
WINDOW UNIT HEIGHT - 10-1/8"

DLO HEIGHT =
PANEL HEIGHT - 8-1/4"

PRODUCT RENEWED
as complying with the Florida Building Code
NOA-No. 24-1219.09
Expiration Date 02/12/2030
By *Ismael L. Chanda*
Miami-Dade Product Control

REVISION: JR - 12/18/24
REVISED CO. ADDRESS

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 WINDOWS	REGISTRATION #29296	Date	02/28/22
		Drawn By	JENS ROSOWSKI
PGT Custom Windows and 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	ALUMINUM SLIDING GLASS WINDOW (LM)	No.	6 OF 22
		Sheet	SGD770W
DP & ANCHORAGE		Rev.	H
PGT0129			

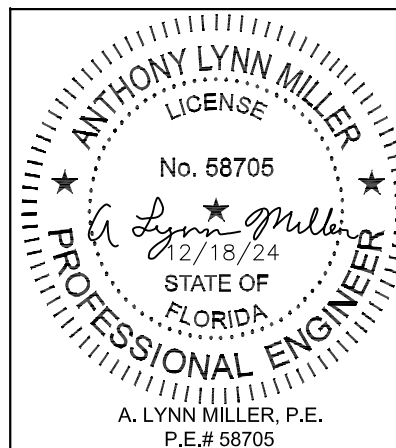


TABLE 2:

Design Pressure (DP) and Anchor Quantities Required, (for all approved configurations on Sheets 2 & 3)																	Maximum DP for all sizes: +60 / -60 (May be limited by Table 2A)													
For corner astragal anchorage on 90° or 135° corner units, see sheet 11																														
Applies to Interlayer/Glass Types: .090" PVB-1: 3B, 3C, 5B & 5C .120" PVB: 3D, 3E, 5D & 5E .090" SG: 4, 4A, 6, 6A, 7, 7A, 8, 8A and the Stile/Astragal Types shown below.			Window Unit Height (in)																											
			42				48				60				72				80				96							
			31-7/8" DLO				37-7/8" DLO				49-7/8" DLO				61-7/8" DLO				69-7/8" DLO				85-7/8" DLO							
			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	A	B	C	D
Nominal Panel Width (in)	24	17" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1		
			Jamb	4	4	4	4	6	6	6	6	6	6	6	6	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
			P-Hook	4+5	4+5	4+5	4+5	4+5	4+5	4+5	4+5	5+6	5+6	5+6	5+6	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	
	36	29" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1		
			Jamb	4	4	4	4	6	6	6	6	6	6	6	6	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
			P-Hook	4+5	4+5	4+5	4+5	4+5	4+5	4+5	4+5	5+6	5+6	5+6	5+6	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	
	42	35" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1		
			Jamb	4	4	4	4	6	6	6	6	6	6	6	6	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
			P-Hook	4+5	4+5	4+5	4+5	4+5	4+5	4+5	4+5	5+6	5+6	5+6	5+6	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	
	48	41" DLO	Head/Sill	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2		
			Jamb	4	4	4	4	6	6	6	6	6	6	6	6	8	8	8	8	8	8	8	8	10	8	8	8	8	8	
			P-Hook	4+5	4+5	4+5	4+5	4+5	4+5	4+5	4+5	5+6	5+6	5+6	5+6	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	
	54	47" DLO	Head/Sill	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2		
			Jamb	4	4	4	4	6	6	6	6	6	6	6	6	8	8	8	8	8	8	8	8	10	8	8	8	8	8	
			P-Hook	4+5	4+5	4+5	4+5	4+5	4+5	4+5	4+5	5+6	5+6	5+6	5+6	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	
	60	53" DLO	Head/Sill	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2		
			Jamb	4	4	4	4	6	6	6	6	6	6	6	6	8	8	8	8	8	8	8	8	10	8	8	8	8	8	
			P-Hook	4+5	4+5	4+5	4+5	4+5	4+5	4+5	4+5	5+6	5+6	5+6	5+6	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	

FOR EXAMPLE ON USING TABLE, SEE SHEET 8.

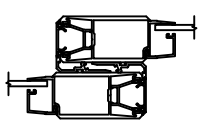
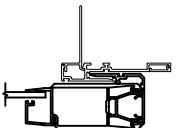
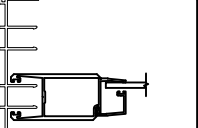
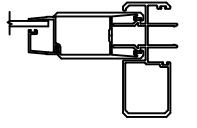
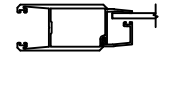
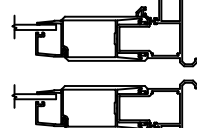

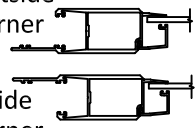
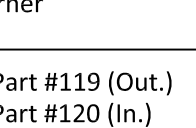
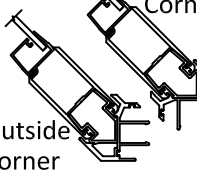

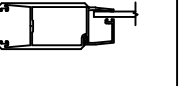
NOTES:

- 1) POSITIVE PRESSURES IN TABLE 2 ARE BASED ON THE USE OF THE 3-1/4" SILL.
- 2) WHEN USING THE 2-1/2" SILL, POSITIVE WATER DP IS 46.67 PSF MAX. WHEN USING THE 3-1/4" SILL, POSITIVE WATER DP IS 60.0 PSF MAX. WHEN USING THE 4" SILL, POSITIVE WATER DP IS 60.0 PSF MAX (NEGATIVE PRES. UNCHANGED). SEE TABLE 2A.
- 3) 4", 3-1/4" AND 2-1/2" SILL HEIGHTS ARE TESTED FOR WATER INFILTRATION WHEREAS THE 1-1/2" SILL IS NOT AND MUST ONLY BE USED WHERE WATER RESISTANCE IS NOT

REQUIRED. MAX. POSITIVE DESIGN PRESSURES SHOWN IN TABLE 2 MAY BE USED WHEN THE WINDOW IS PROTECTED BY AN OVERHANG COMPLYING WITH THE CURRENT FBC (SEE ADJACENT DIAGRAM); THIS CONDITION IS NOT RATED FOR WATER INFILTRATION.

- 4) SEE SHEETS 10-14 FOR ANCHORAGE SPACING, EDGE DISTANCE AND EMBEDMENT INFORMATION.
- 5) WINDOW SIZE TO COMPLY WITH CURRENT FBC EGRESS REQUIREMENTS WHEN REQUIRED.
- 6) JAMB ANCHORS ARE SPECIFIED AS THE TOTAL QUANTITY, DIVIDE BY 2 FOR PAIRS TO BE INSTALLED.

THE FOLLOWING STILE & ASTRAGAL TYPES SHALL BE USED FOR TABLE 2, SEE SHEETS 21 & 22 FOR PART DIMENSIONS AND SHEETS 18 & 19 FOR ASSEMBLY DETAILS.

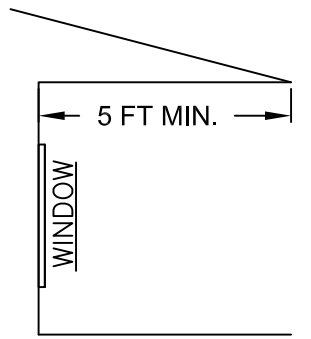
Interlock	P-hook	Lockstile @ Jamb	Straight Astragal Assembly	Lockstile @ Straight Astragal	90° Astragal Assembly	Lockstile @ 90° Astragal	135° Astragal Assembly	Lockstile @ 135° Astragal
Heavy-duty Stiles	Heavy-duty Stile	Heavy-duty Stile	Heavy-duty Stile	Heavy-duty Stile	Heavy-duty Stile	Heavy-duty Stile	Heavy-duty Stile	Heavy-duty Stile
			Standard Astragal 		Outside Corner  Inside Corner 	Outside Corner  Inside Corner 	Inside Corner  Outside Corner 	
Part #61 (x2)	Part #61	Part #61	Part #61 (Stile) Part #67 (Astragal)	Part #61	Part #61 (Stile) Part #118 (Corner Receiver)	Part #119 (Out.) Part #120 (In.)	Part #61 (Stile) Parts #31 & #32 (Corn. & Fxd Mount)	Part #61

- DLO WIDTH = NOM. PANEL WIDTH - 7"
- PANEL HEIGHT = WINDOW UNIT HEIGHT - 1-7/8"
- DLO HEIGHT = WINDOW UNIT HEIGHT - 10-1/8"
- DLO HEIGHT = PANEL HEIGHT - 8-1/4"

TABLE 2A:

Sill Height to Max. (+) DP (Water Infiltration Rating)		(+) Design Pressure, psf
Sill Riser Height (Flat or Box, see Sheet 17)		
Flush - 1-1/2"		see note 3
Low - 2-1/2"		+ 46.67
Medium - 3-1/4"		+ 60.0
High - 4"		+ 60.0

SEE NOTES 1-3



WHEN USED IN PASS-THROUGH WINDOW APPLICATIONS, A MIN. 5-FT OVERHANG IS REQUIRED PER THE CURRENT BUILDING CODE.

FOR STANDARD WINDOW APPLICATIONS, A SILL RISER WILL BE REQUIRED TO MEET THE WATER INFILTRATION REQUIREMENTS.

PRODUCT RENEWED
as complying with the Florida Building Code
NOA-No. 24-1219.09
Expiration Date 02/12/2030
By *Ishag I. Chande*
Miami-Dade Product Control

REVISION:
REVISED CO. ADDRESS
JR - 12/18/24

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	02/28/22
		Drawn By	JENS ROSOWSKI
PGT Custom Windows and 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	ALUMINUM SLIDING GLASS WINDOW (LM)	No.	PGT0129
		Sheet	SGD770W
DP & ANCHORAGE		7 OF 22	

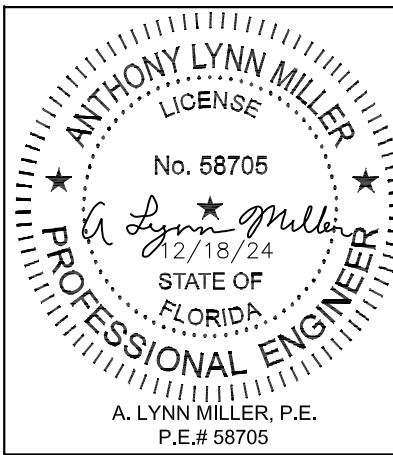


TABLE 3:

**Design Pressure (DP) and Anchor Quantities Required,
(for all approved configurations on Sheets 2 & 3)**

For corner astragal anchorage on 90° or 135° corner units, see sheet 11

Maximum DP for all sizes: +90 / -90
(May be limited by Table 3A & Note A below)

Applies to Inter./Glass Types: .090" SG: 4, 4A, 6, 6A, 7, 7A, 8 & 8A .090" PVB-1: 3B, 3C, 5B & 5C and the Stile/Astragal types shown below.			Window Unit Height (in)																								
			42				48				60				72				80				96				
			31-7/8" DLO				37-7/8" DLO				49-7/8" DLO				61-7/8" DLO				69-7/8" DLO				85-7/8" DLO				
			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 (in)	24	17" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1
			Jamb	4	4	4	4	6	6	6	6	6	6	6	6	8	8	8	8	8	8	8	8	8	8	8	8
			P-Hook	4+5	4+5	4+5	4+5	4+5	4+5	4+5	4+5	5+6	5+6	5+6	5+6	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8
	36	29" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C5+1	C5+1	C4+1	C4+1
			Jamb	4	4	4	4	6	6	6	6	6	6	6	6	8	8	8	8	10	8	8	8	12	10	8	8
			P-Hook	4+5	4+5	4+5	4+5	4+5	4+5	4+5	4+5	5+6	5+6	5+6	5+6	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	8+9	8+9	8+9	8+9
	42	35" DLO	Head/Sill	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C5+2	C5+2	C5+2	C5+2
			Jamb	4	4	4	4	6	6	6	6	8	6	6	6	8	8	8	8	10	8	8	8	12	10	8	8
			P-Hook	4+5	4+5	4+5	4+5	4+5	4+5	4+5	4+5	5+6	5+6	5+6	5+6	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	8+9	8+9	8+9	8+9
	48	41" DLO	Head/Sill	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C5+2	C5+2	C4+2	C4+2	See Note A below.			
			Jamb	4	4	4	4	6	6	6	6	8	6	6	6	10	8	8	8	10	8	8	8	14	12	8	8
			P-Hook	4+5	4+5	4+5	4+5	4+5	4+5	4+5	4+5	5+6	5+6	5+6	5+6	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	9+10	9+10	9+10	9+10

NOTE A: +/-90.0 PSF FOR GLASS TYPES 3B, 3C, 4, 4A, 5B, 5C, 6, 6A, 7A, 8 & 8A; +/-87.1 FOR GLASS TYPE 7

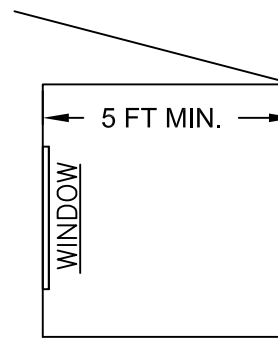
NOTES:

- 1) POSITIVE PRESSURES IN TABLE 3 ARE BASED ON THE USE OF THE 4" SILL.
- 2) WHEN USING THE 2-1/2" SILL, POSITIVE WATER DP IS 46.67 PSF MAX. WHEN USING THE 3-1/4" SILL, POSITIVE WATER DP IS 60.0 PSF MAX. WHEN USING THE 4" SILL, POSITIVE WATER DP IS 90.0 PSF MAX (NEGATIVE PRESSURES UNCHANGED). SEE TABLE 3A.
- 3) 4", 3-1/4" AND 2-1/2" SILL HEIGHTS ARE TESTED FOR WATER INFILTRATION WHEREAS THE 1-1/2" SILL IS NOT AND MUST ONLY BE USED WHERE WATER RESISTANCE IS NOT REQUIRED. MAX. POSITIVE DESIGN PRESSURES SHOWN IN TABLE 3 MAY BE USED WHEN THE WINDOW IS PROTECTED BY AN OVERHANG COMPLYING WITH THE CURRENT FLORIDA BUILDING CODE (SEE ADJACENT DIAGRAM); THIS CONDITION IS NOT RATED FOR WATER INFILTRATION.
- 4) SEE SHEETS 10-14 FOR ANCHORAGE SPACING, EDGE DISTANCE AND EMBEDMENT INFORMATION.
- 5) WINDOW SIZE TO COMPLY WITH CURRENT FBC EGRESS REQUIREMENTS WHEN REQUIRED.
- 6) JAMB ANCHORS ARE SPECIFIED AS THE TOTAL QUANTITY, DIVIDE BY 2 FOR PAIRS TO BE INSTALLED.

TABLE 3A:

Sill Height to Max. (+) DP (Water Infiltration Rating)	
Sill Riser Height (Flat or Box, see Sheet 17)	(+) Design Pressure, psf
Flush - 1-1/2"	see note 3
Low - 2-1/2"	+ 46.67
Medium - 3-1/4"	+ 60.0
High - 4"	+ 90.0

SEE NOTES 1-3



WHEN USED IN PASS-THROUGH WINDOW APPLICATIONS, A MIN. 5-FT OVERHANG IS REQUIRED PER THE CURRENT BUILDING CODE.

FOR STANDARD WINDOW APPLICATIONS, A SILL RISER WILL BE REQUIRED TO MEET THE WATER INFILTRATION REQUIREMENTS.

THE FOLLOWING STILE & ASTRAGAL TYPES SHALL BE USED FOR TABLE 3, SEE SHEETS 21 & 22 FOR PART DIMENSIONS AND SHEETS 18 & 19 FOR ASSEMBLY DETAILS.

Interlock	P-hook	Lockstile @ Jamb	Straight Astragal Assembly	Lockstile @ Straight Astragal	90° Astragal Assembly	Lockstile @ 90° Astragal	135° Astragal Assembly	Lockstile @ 135° Astragal
Heavy-duty Stiles	Heavy-duty Stile	Heavy-duty Stile	Heavy-duty Stile	Heavy-duty Stile	Heavy-duty Stile	Heavy-duty Stile	Heavy-duty Stile	Heavy-duty Stile
Part #61 (x2)	Part #61	Part #61	Part #61 (Stile) Part #68 (Astragal)	Part #61	Part #61 (Stile) Part #118 (Corner Receiver)	Part #119 (Out.) Part #120 (In.)	Part #61 (Stile) Parts #31 & #32 (Corn. & Fxd Mount)	Part #61

DLO WIDTH =
NOM. PANEL WIDTH - 7"

PANEL HEIGHT =
WINDOW UNIT HEIGHT - 1-7/8"

DLO HEIGHT =
WINDOW UNIT HEIGHT - 10-1/8"

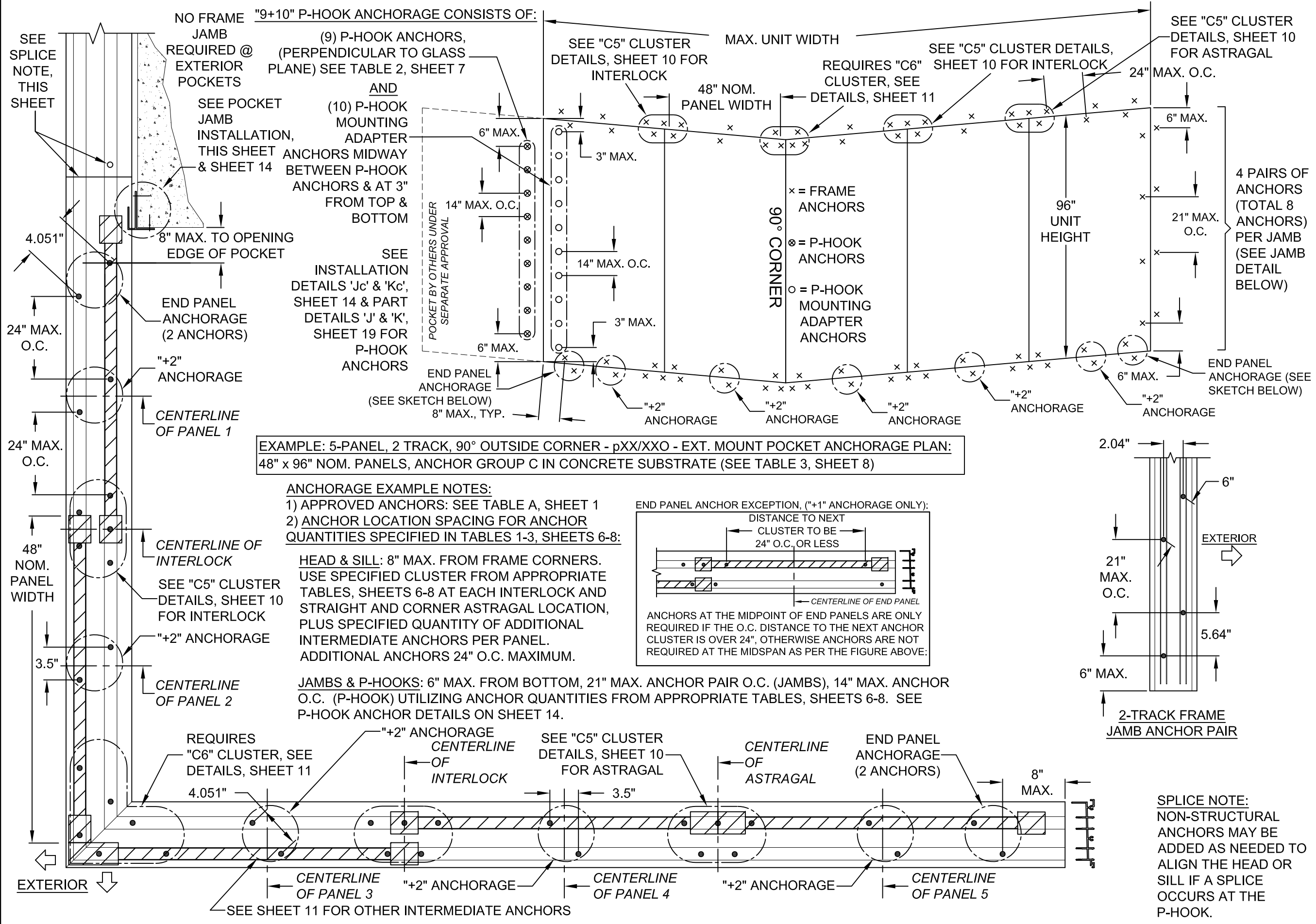
DLO HEIGHT =
PANEL HEIGHT - 8-1/4"

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

REVISION: JR - 12/18/24

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 WINDOWS	REGISTRATION #29296	Date	02/28/22
		Drawn By	JENS ROSOWSKI
 Custom Windows and 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	ALUMINUM SLIDING GLASS WINDOW (LM)	No.	8 OF 22
		Sheet	SGD770W
DP & ANCHORAGE		Desc.	PGT0129

ANTHONY LYNN MILLER
LICENSE
No. 58705
12/18/24
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705



NO FRAME "9+10" P-HOOK ANCHORAGE CONSISTS OF:

JAMB REQUIRED @ EXTERIOR POCKETS
 (9) P-HOOK ANCHORS, (PERPENDICULAR TO GLASS PLANE) SEE TABLE 2, SHEET 7
 AND
 (10) P-HOOK MOUNTING ADAPTER ANCHORS MIDWAY BETWEEN P-HOOK ANCHORS & AT 3" FROM TOP & BOTTOM

SEE POCKET JAMB INSTALLATION, THIS SHEET & SHEET 14
 SEE "C5" CLUSTER DETAILS, SHEET 10 FOR INTERLOCK
 SEE "C5" CLUSTER DETAILS, SHEET 10 FOR ASTRAGAL
 SEE "C5" CLUSTER DETAILS, SHEET 11 FOR INTERLOCK
 SEE "C5" CLUSTER DETAILS, SHEET 10 FOR ASTRAGAL

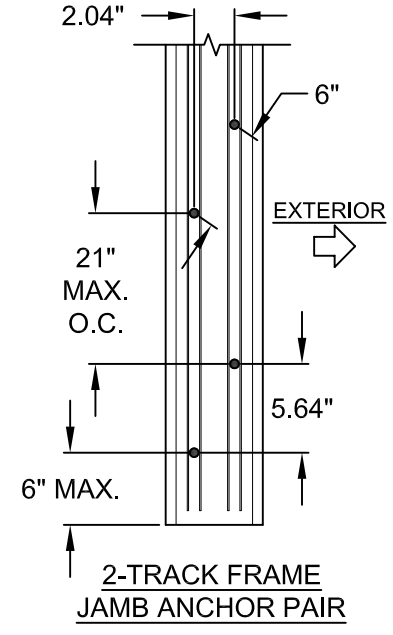
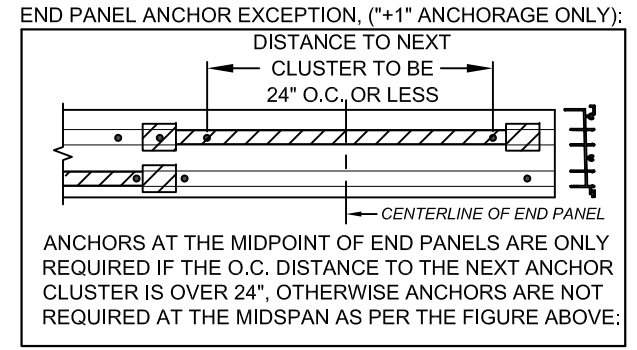
SEE POCKET JAMB INSTALLATION, THIS SHEET & SHEET 14
 SEE INSTALLATION DETAILS 'Jc' & 'Kc', SHEET 14 & PART DETAILS 'J' & 'K', SHEET 19 FOR P-HOOK ANCHORS
 SEE "C5" CLUSTER DETAILS, SHEET 10 FOR INTERLOCK
 SEE "C5" CLUSTER DETAILS, SHEET 10 FOR ASTRAGAL
 SEE "C5" CLUSTER DETAILS, SHEET 11 FOR INTERLOCK
 SEE "C5" CLUSTER DETAILS, SHEET 10 FOR ASTRAGAL

EXAMPLE: 5-PANEL, 2 TRACK, 90° OUTSIDE CORNER - pXX/XXO - EXT. MOUNT POCKET ANCHORAGE PLAN: 48" x 96" NOM. PANELS, ANCHOR GROUP C IN CONCRETE SUBSTRATE (SEE TABLE 3, SHEET 8)

ANCHORAGE EXAMPLE NOTES:
 1) APPROVED ANCHORS: SEE TABLE A, SHEET 1
 2) ANCHOR LOCATION SPACING FOR ANCHOR QUANTITIES SPECIFIED IN TABLES 1-3, SHEETS 6-8:

HEAD & SILL: 8" MAX. FROM FRAME CORNERS. USE SPECIFIED CLUSTER FROM APPROPRIATE TABLES, SHEETS 6-8 AT EACH INTERLOCK AND STRAIGHT AND CORNER ASTRAGAL LOCATION, PLUS SPECIFIED QUANTITY OF ADDITIONAL INTERMEDIATE ANCHORS PER PANEL. ADDITIONAL ANCHORS 24" O.C. MAXIMUM.


JAMBS & P-HOOKS: 6" MAX. FROM BOTTOM, 21" MAX. ANCHOR PAIR O.C. (JAMBS), 14" MAX. ANCHOR O.C. (P-HOOK) UTILIZING ANCHOR QUANTITIES FROM APPROPRIATE TABLES, SHEETS 6-8. SEE P-HOOK ANCHOR DETAILS ON SHEET 14.

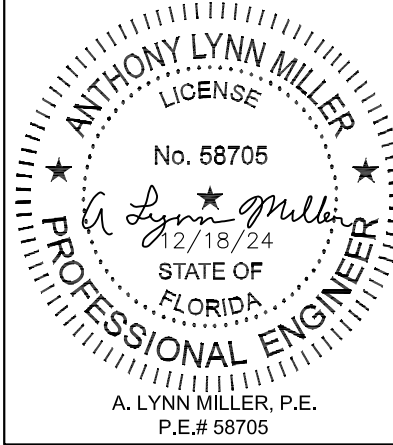


SPLICE NOTE:
 NON-STRUCTURAL ANCHORS MAY BE ADDED AS NEEDED TO ALIGN THE HEAD OR SILL IF A SPLICE OCCURS AT THE P-HOOK.

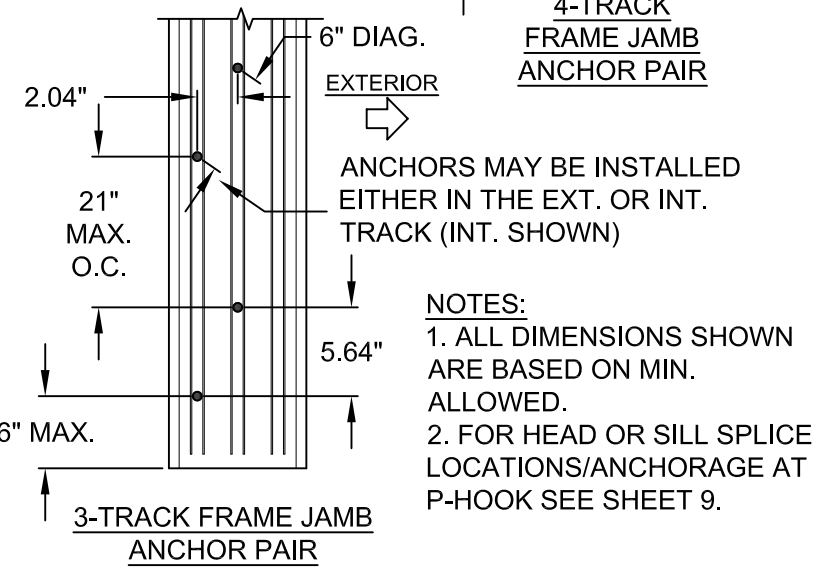
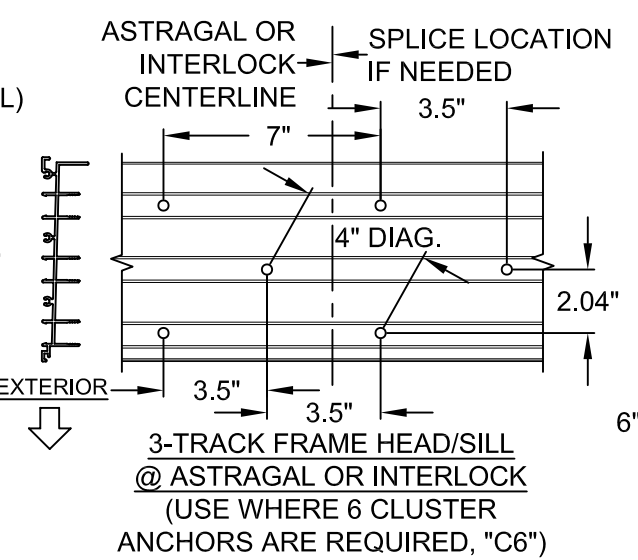
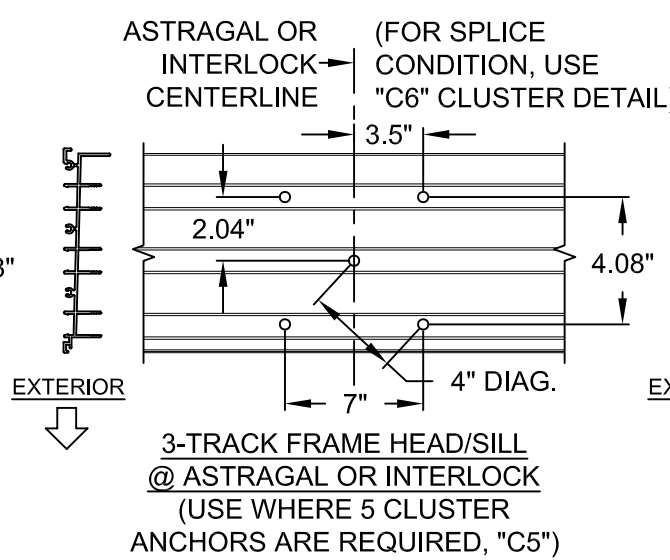
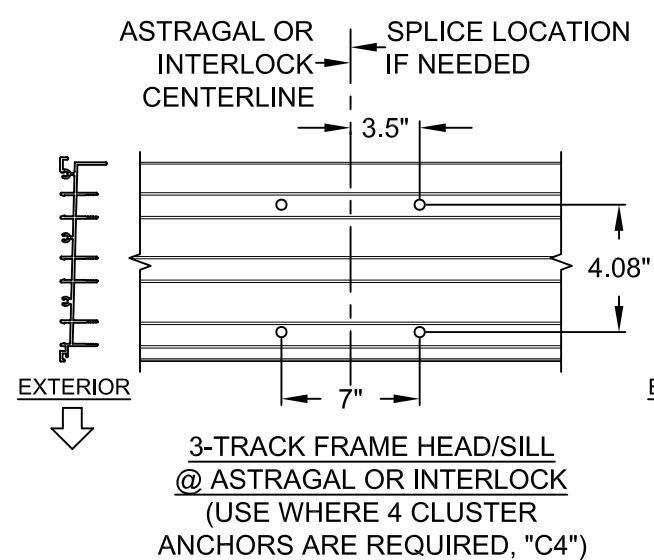
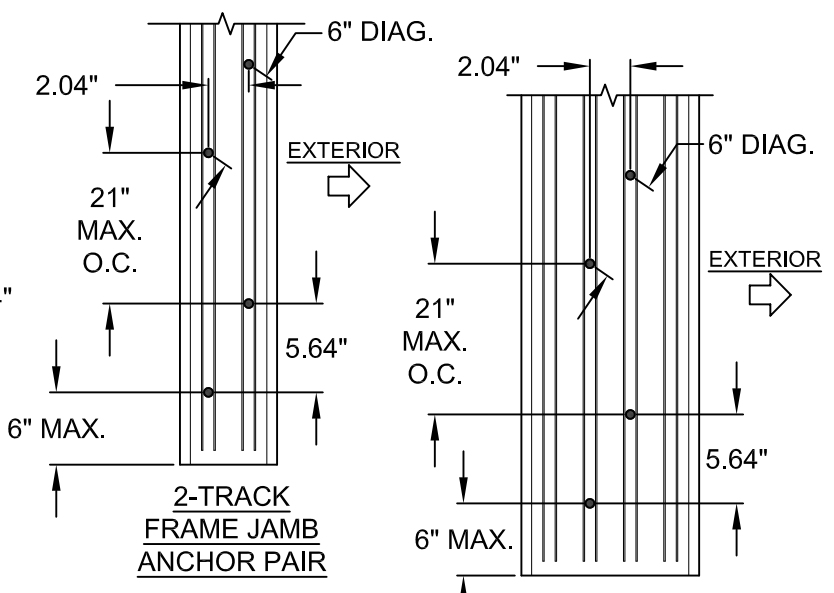
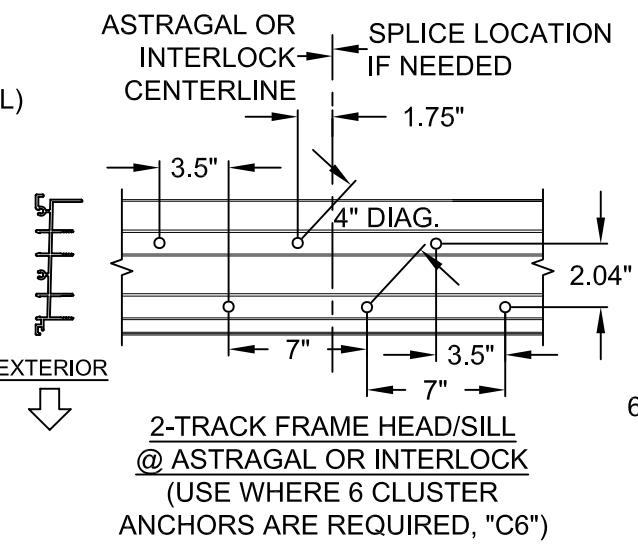
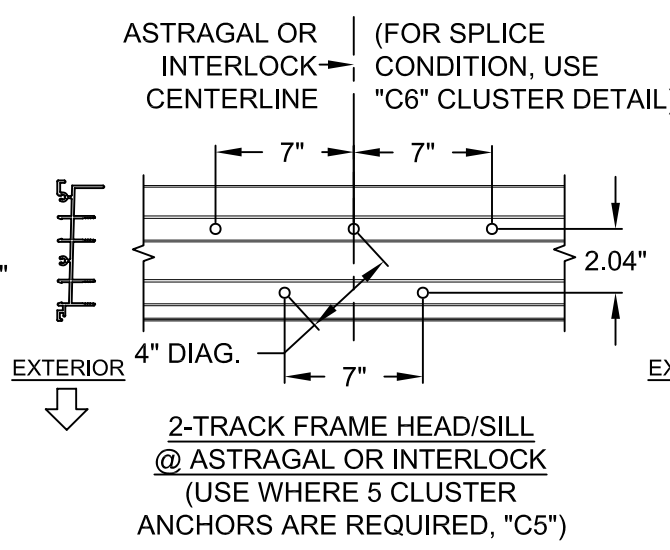
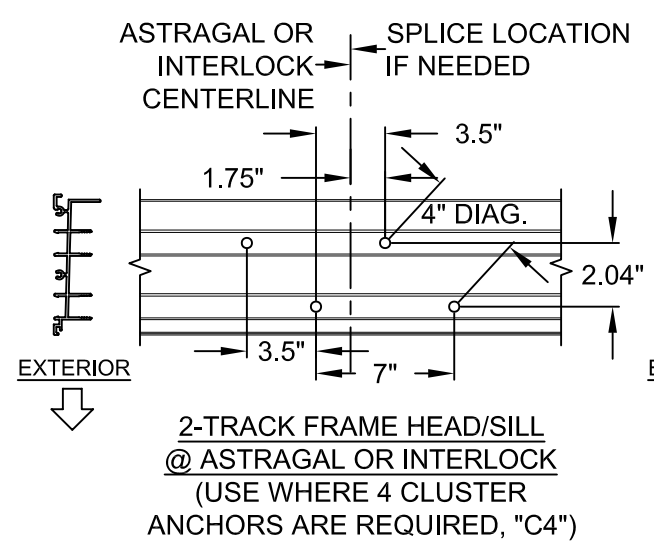
PRODUCT RENEWED
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 Expiration Date 02/12/2030
 By *Ishag I. Chande*
 Miami-Dade Product Control

REVISION: Revised Co. Address
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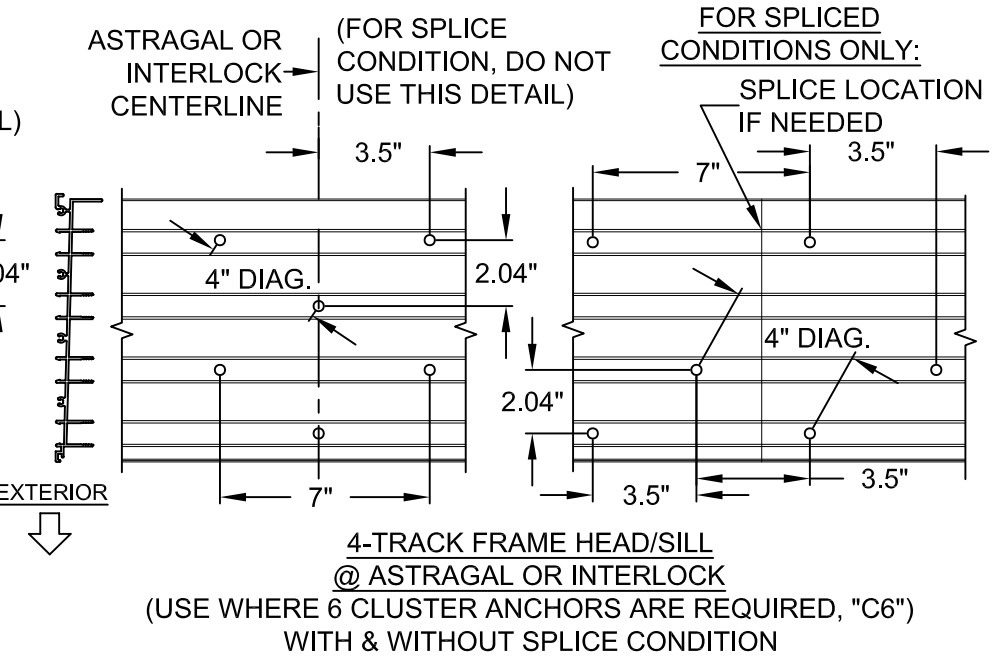
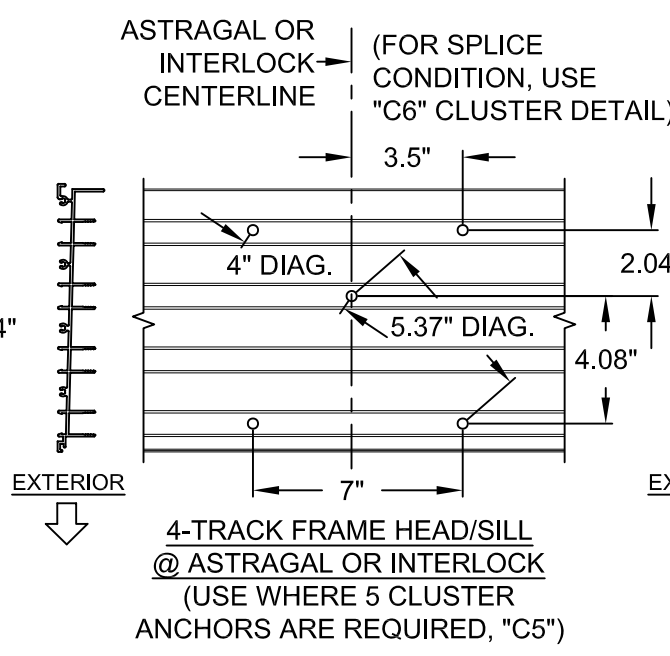
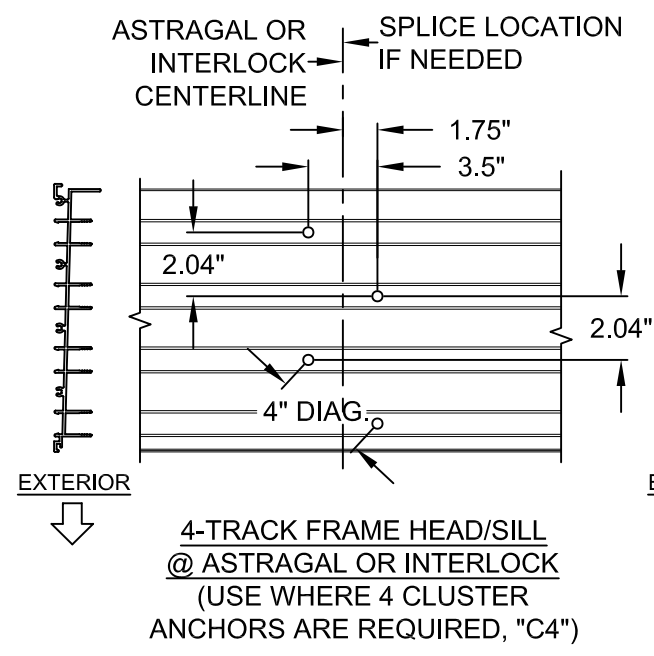
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	02/28/22
		Drawn By	JENS ROSOWSKI
 Custom Windows and 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	ALUMINUM SLIDING GLASS WINDOW (LM)	No.	9 OF 22
		Series	SGD770W



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




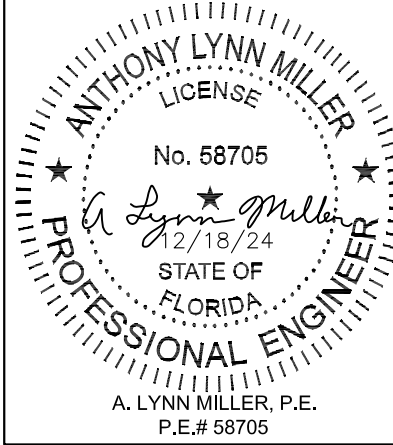
NOTES:
1. ALL DIMENSIONS SHOWN ARE BASED ON MIN. ALLOWED.
2. FOR HEAD OR SILL SPLICE LOCATIONS/ANCHORAGE AT P-HOOK SEE SHEET 9.

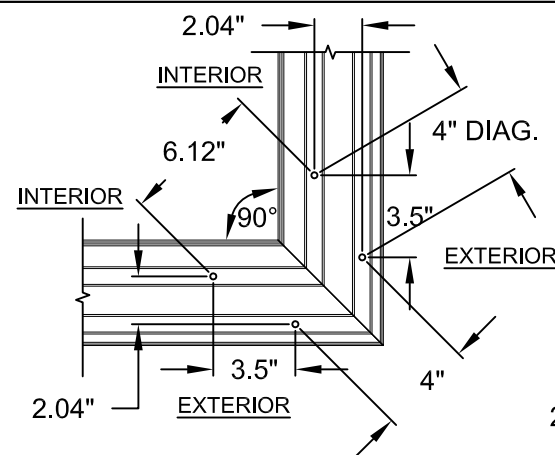


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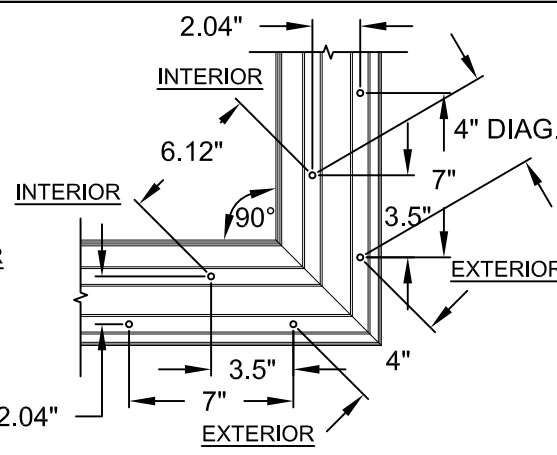
Revision: REVISED CO. ADDRESS
JR - 12/18/24

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	02/28/22
		Drawn By	JENS ROSOWSKI
 Custom Windows and 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	ALUMINUM SLIDING GLASS WINDOW (LM)	No.	10 OF 22
		Desc.	ANCHORAGE - CLUSTERS
		Sheet	SGD770W
		Rev.	H
			PGT0129

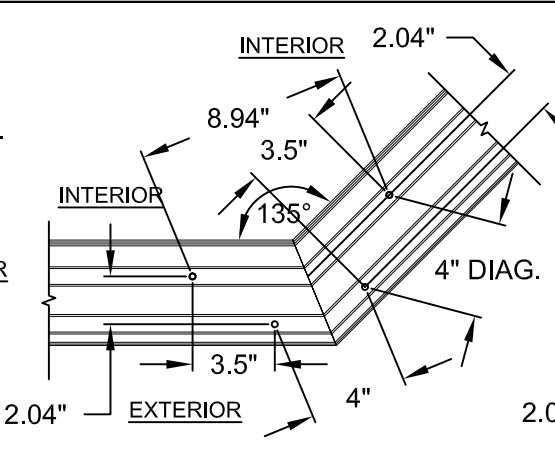




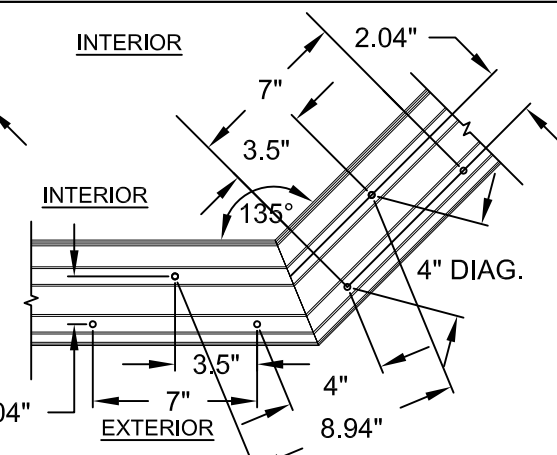
90° CORNER
2-TRACK FRAME HEAD/SILL
(USE WHERE 4 CLUSTER
ANCHORS ARE REQUIRED, "C4")



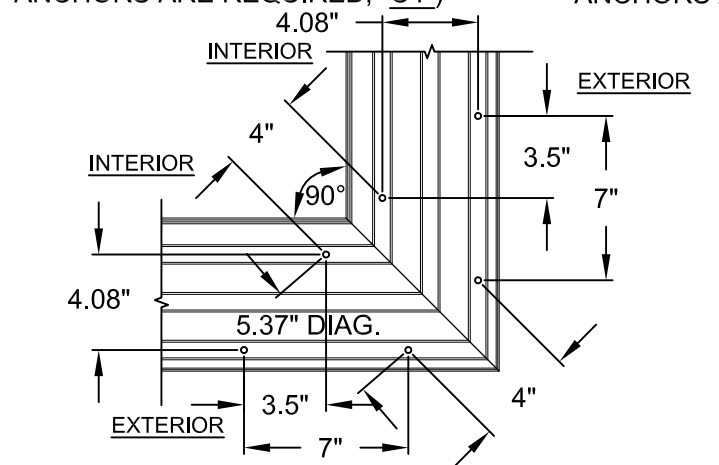
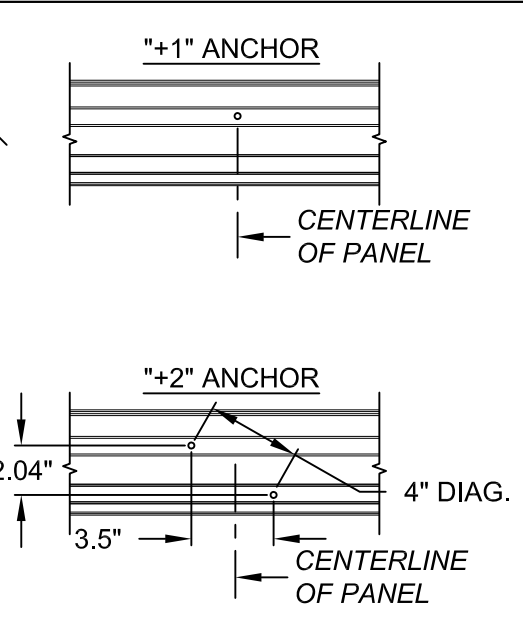
90° CORNER
2-TRACK FRAME HEAD/SILL
(USE WHERE 5 OR 6 CLUSTER
ANCHORS ARE REQUIRED, "C6")



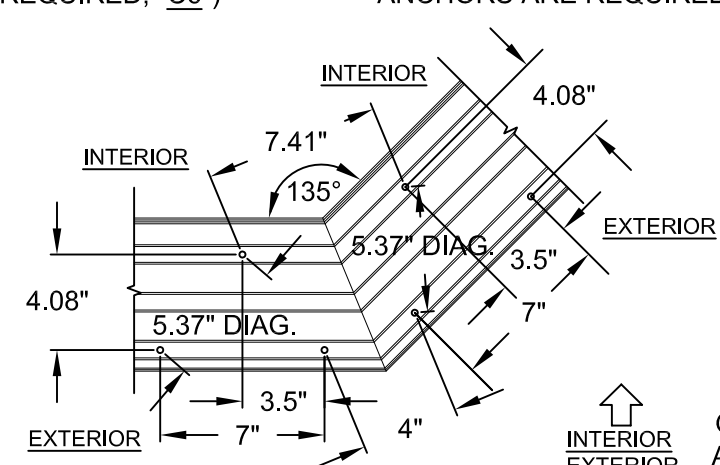
135° CORNER
2-TRACK FRAME HEAD/SILL
(USE WHERE 4 CLUSTER
ANCHORS ARE REQUIRED, "C4")



135° CORNER
2-TRACK FRAME HEAD/SILL
(USE WHERE 5 OR 6 CLUSTER
ANCHORS ARE REQUIRED, "C6")

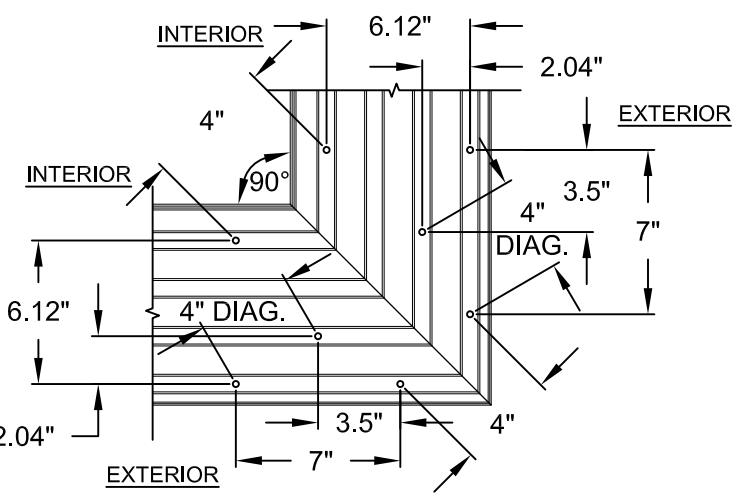


90° CORNER
3-TRACK FRAME HEAD/SILL
("C6" ANCHOR CLUSTER REQUIRED
AT ALL 3-TRACK CORNERS)

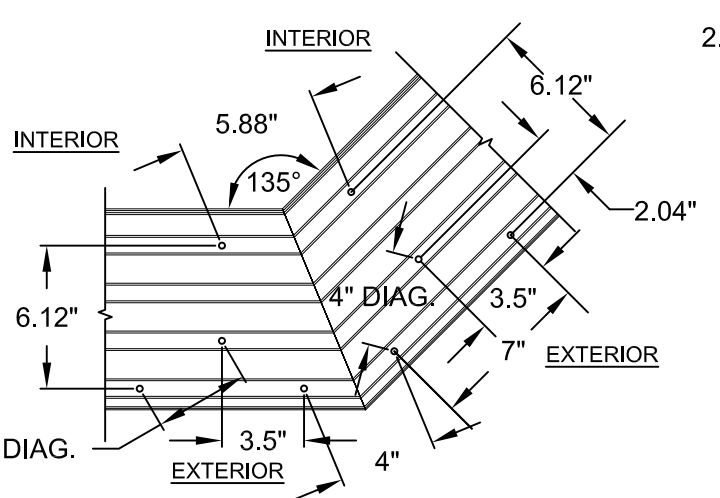


135° CORNER
3-TRACK FRAME HEAD/SILL
("C6" ANCHOR CLUSTER REQUIRED
AT ALL 3-TRACK CORNERS)

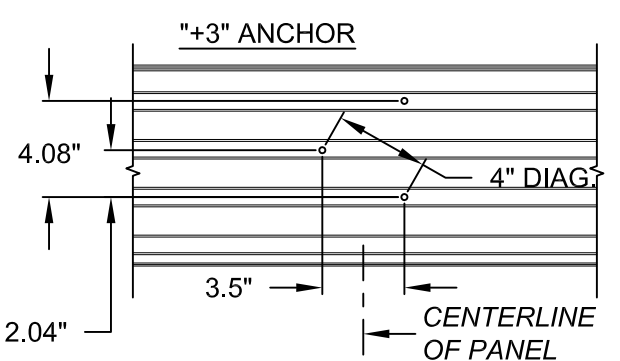
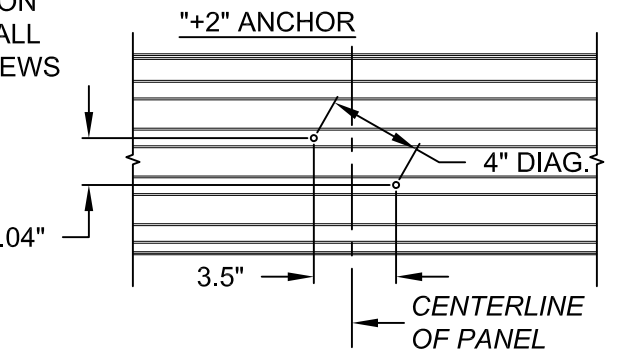
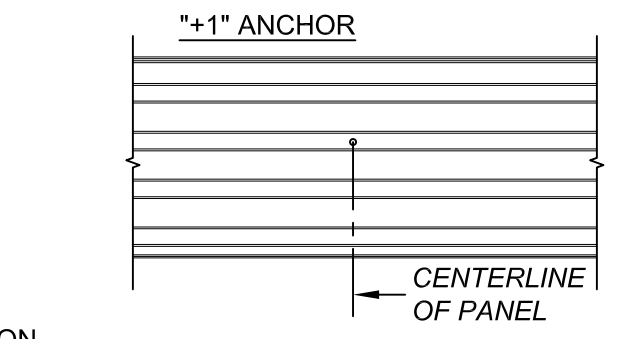
ON ALL VIEWS
↑ INTERIOR
↓ EXTERIOR



90° CORNER
4-TRACK FRAME HEAD/SILL
("C8" ANCHOR CLUSTER REQUIRED
AT ALL 4-TRACK CORNERS)




135° CORNER
4-TRACK FRAME HEAD/SILL
("C8" ANCHOR CLUSTER REQUIRED
AT ALL 4-TRACK CORNERS)

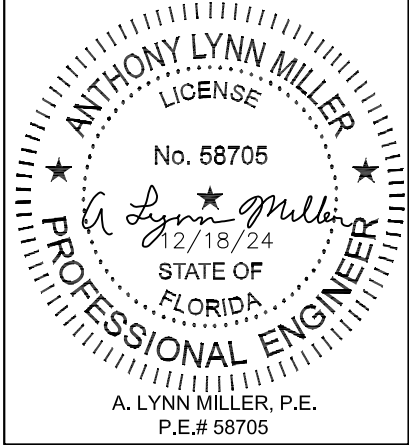


4-TRACK FRAME HEAD/SILL
INTERMEDIATE ANCHOR LAYOUT
(3-TRACK SIMILAR)

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Miami-Dade Product Control

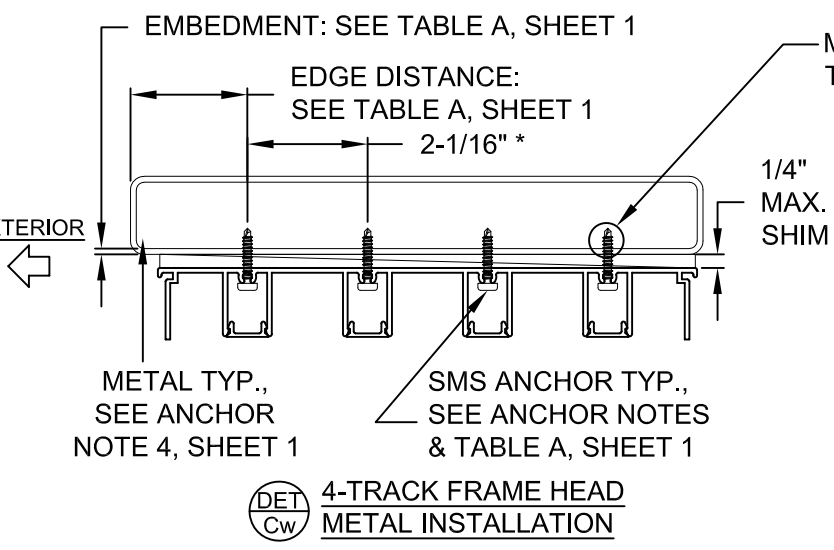
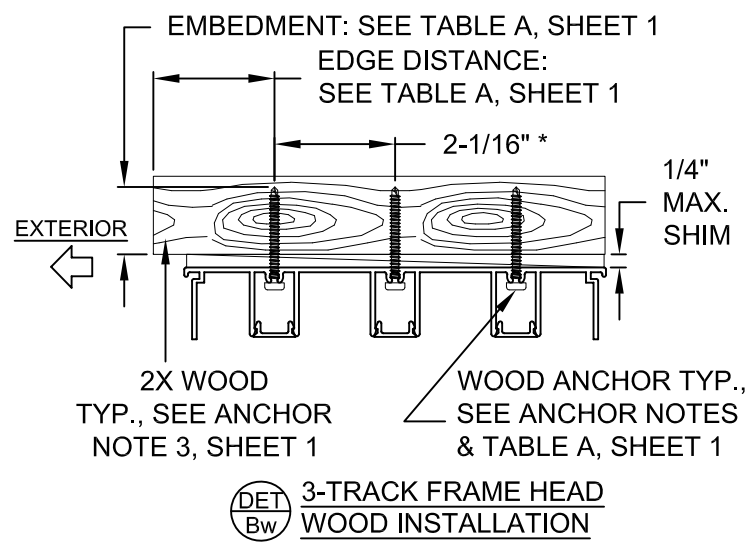
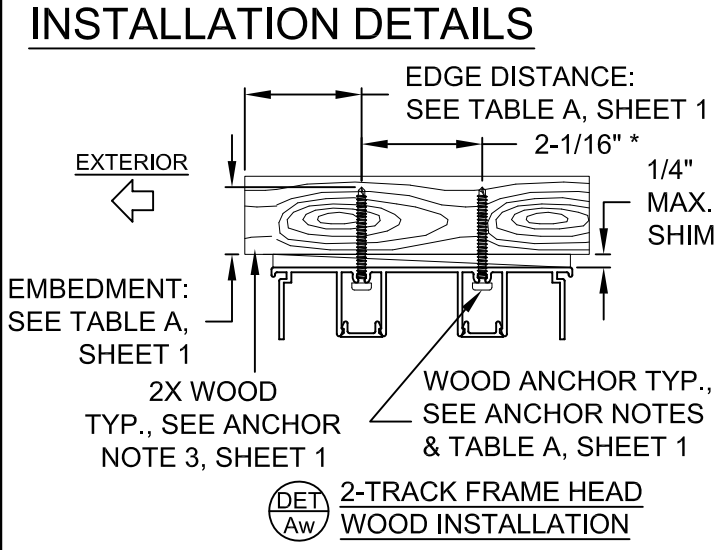
REVISION:
REVISED CO. ADDRESS
JR - 12/18/24

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	02/28/22
		Drawn By	JENS ROSOWSKI
 Custom Windows and 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	ALUMINUM SLIDING GLASS WINDOW (LM)	No.	11 OF 22
		Desc.	ANCHORAGE - CLUSTERS
		Sheet	SGD770W
		Rev.	PGT0129



NOTES:
1. ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
2. DETAILS DEPICT ANCHOR QUANTITY AND SPACING, AND WOULD BE IDENTICAL FOR EXTERIOR OR INTERIOR CORNER CONFIGURATIONS.

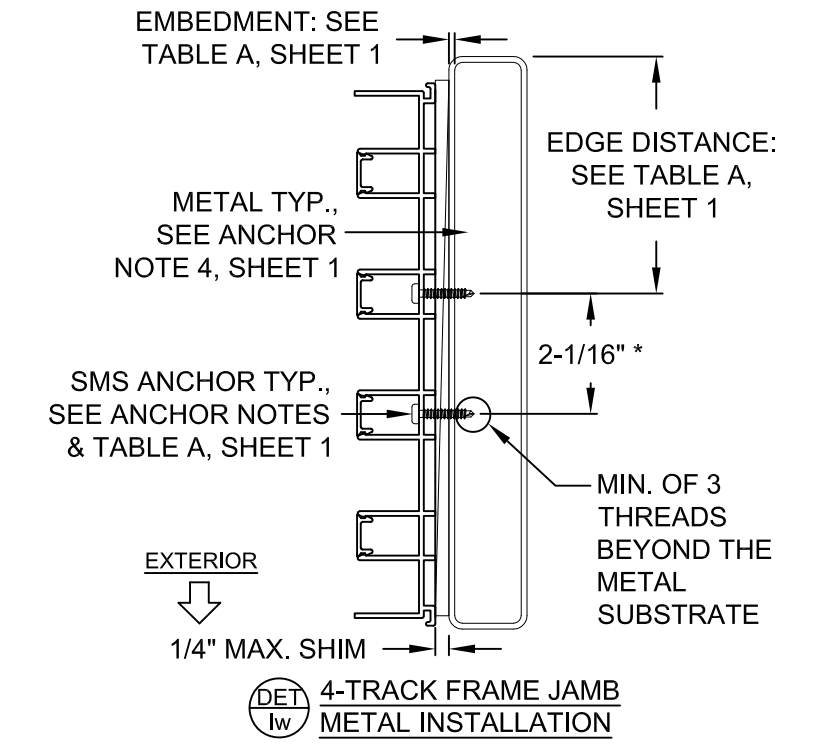
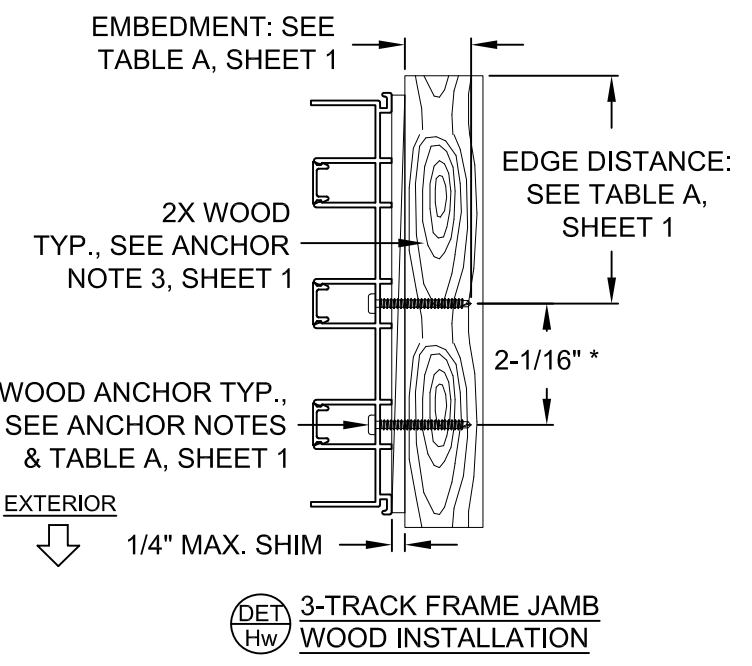
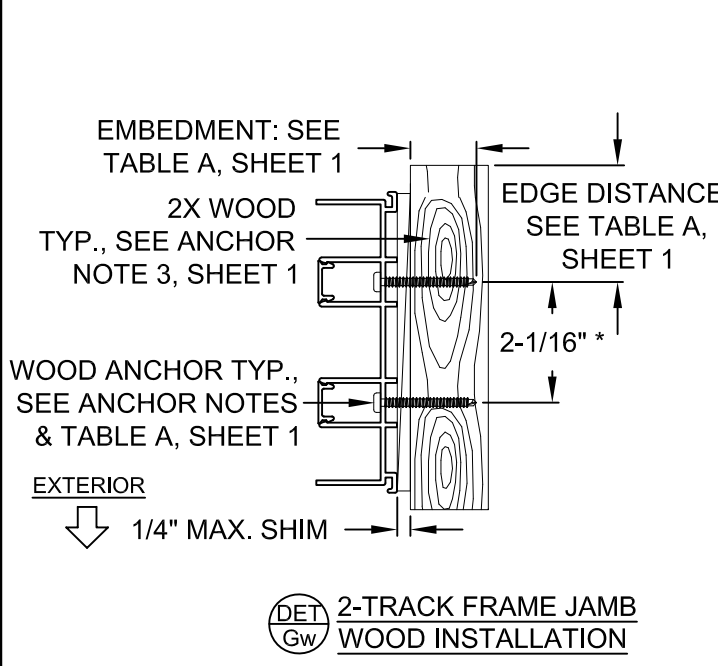
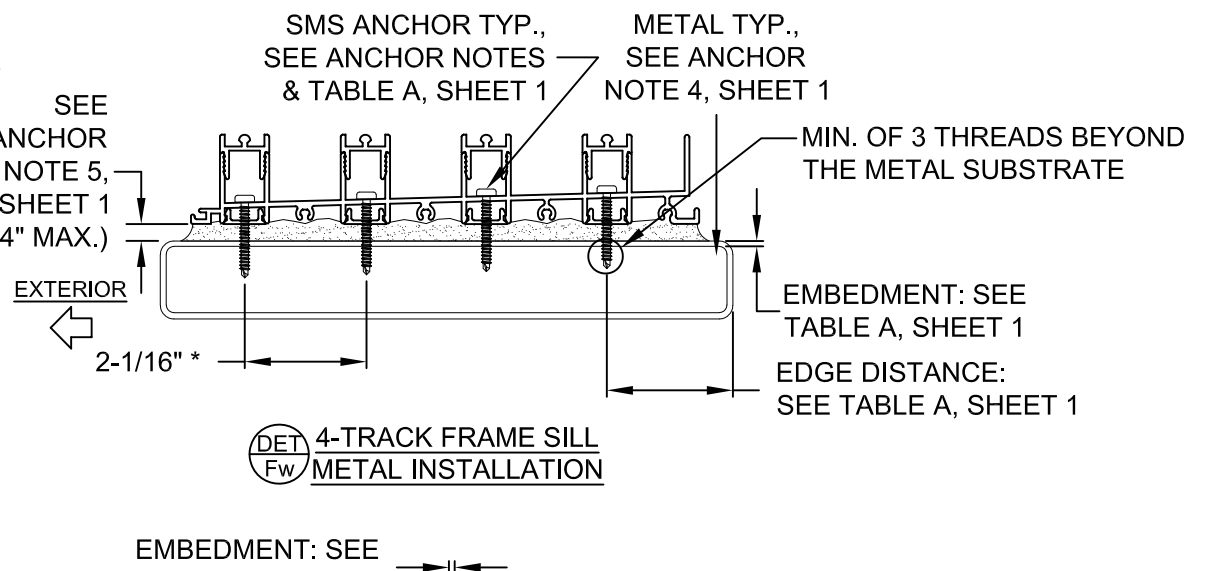
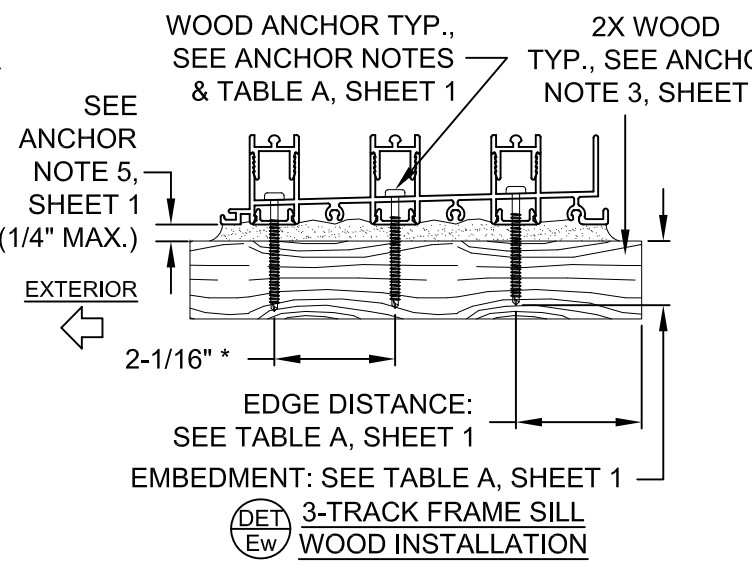
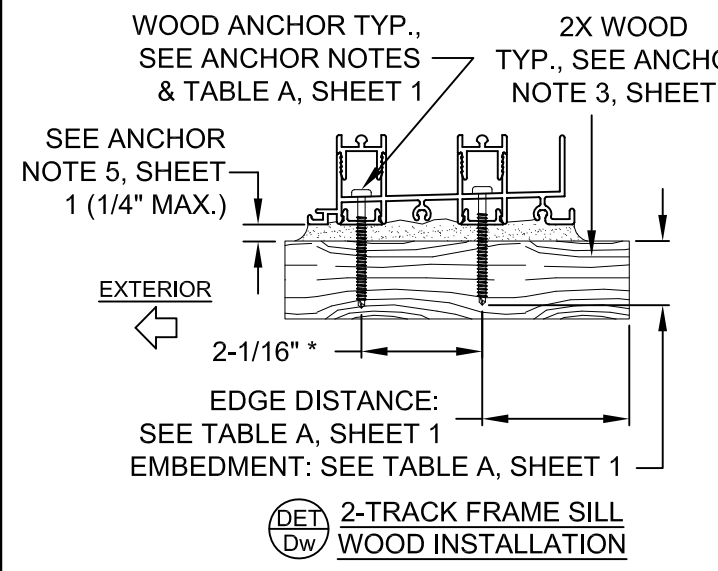
INSTALLATION DETAILS



MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE


NOTES:
 1. ALL DIMENSIONS SHOWN ARE BASED ON MIN. ALLOWED.
 2. METAL OR WOOD SUBSTRATES MAY BE USED FOR ALL FRAME TYPES PER TABLE A, SHEET 1.

* DIAGONAL O.C. IS MIN 4" (HEAD & SILL) OR 6" (JAMB) SEE DETAILS, SHEETS 10 & 11.



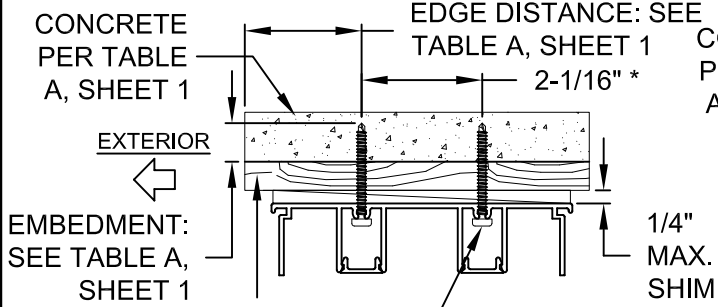
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PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 WINDOWS	REGISTRATION #29296	Date	02/28/22	Rev.	I
	ALUMINUM SLIDING GLASS WINDOW (LM)	Drawn By	JENS ROSOWSKI	DWG No.	PGT0129
 Custom Windows and 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	ANCHORAGE DETAILS	Sheet	12 OF 22	DWG No.	SGD770W
		Series			

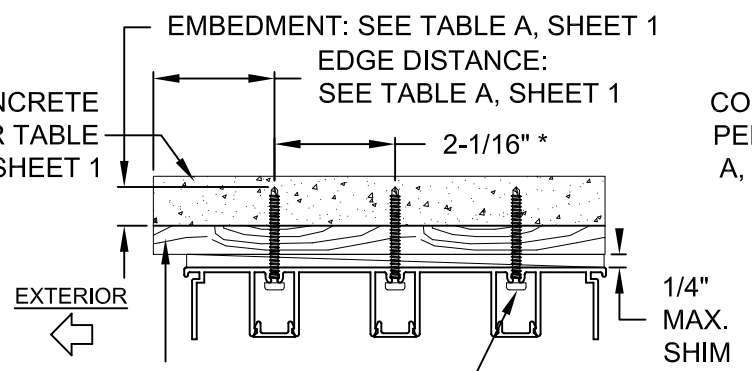
PGT
 ANTHONY LYNN MILLER
 LICENSE
 No. 58705
 12/18/24
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 A. LYNN MILLER, P.E.
 P.E.# 58705

INSTALLATION DETAILS



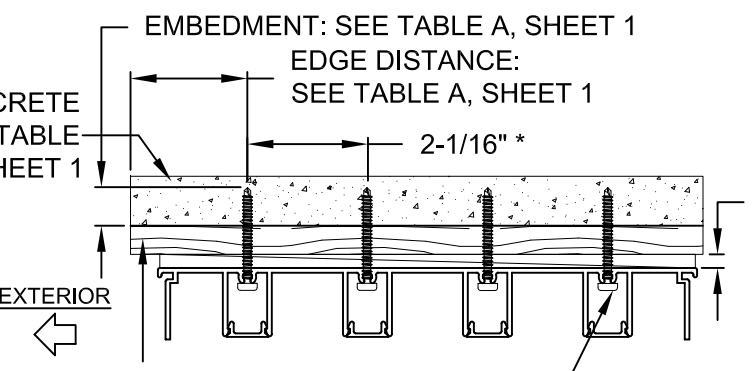
CONCRETE PER TABLE A, SHEET 1
EDGE DISTANCE: SEE TABLE A, SHEET 1
2-1/16" *
EXTERIOR
EMBEDMENT: SEE TABLE A, SHEET 1
1/4" MAX. SHIM
PROPERLY SECURED 1X WOOD BUCK TYP., SEE ANCHOR NOTE 3, SHEET 1
CONCRETE ANCHOR TYP., SEE ANCHOR NOTES & TABLE A, SHEET 1

DET Ac 2-TRACK FRAME HEAD CONCRETE INSTALLATION



EMBEDMENT: SEE TABLE A, SHEET 1
EDGE DISTANCE: SEE TABLE A, SHEET 1
2-1/16" *
CONCRETE PER TABLE A, SHEET 1
EXTERIOR
1/4" MAX. SHIM
PROPERLY SECURED 1X WOOD BUCK TYP., SEE ANCHOR NOTE 3, SHEET 1
CONCRETE ANCHOR TYP., SEE ANCHOR NOTES & TABLE A, SHEET 1

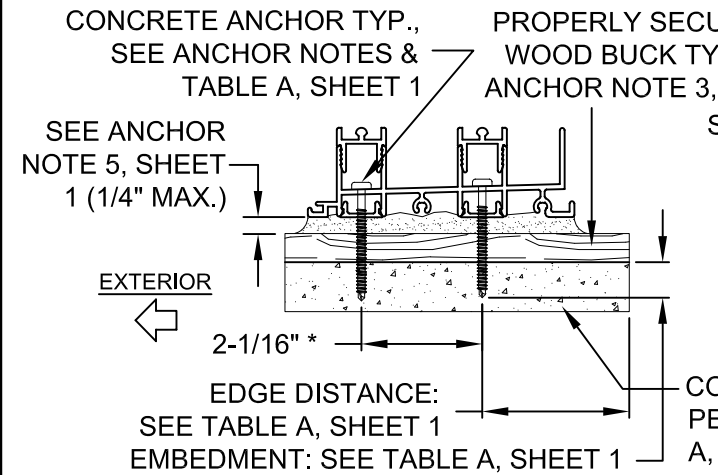
DET Bc 3-TRACK FRAME HEAD CONCRETE INSTALLATION



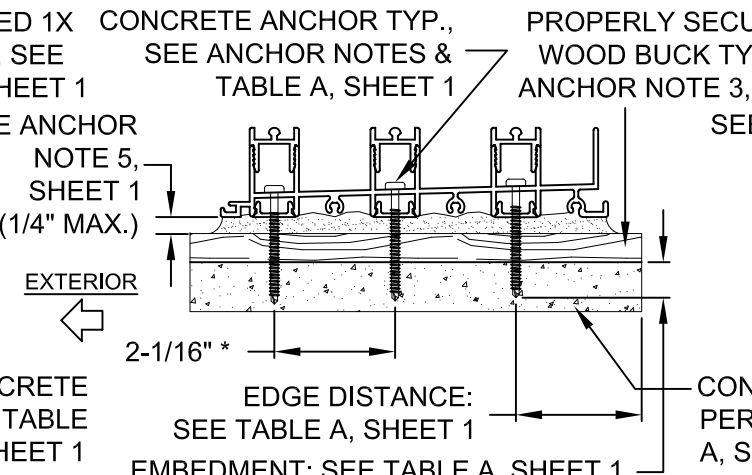
EMBEDMENT: SEE TABLE A, SHEET 1
EDGE DISTANCE: SEE TABLE A, SHEET 1
2-1/16" *
CONCRETE PER TABLE A, SHEET 1
EXTERIOR
1/4" MAX. SHIM
PROPERLY SECURED 1X WOOD BUCK TYP., SEE ANCHOR NOTE 3, SHEET 1
CONCRETE ANCHOR TYP., SEE ANCHOR NOTES & TABLE A, SHEET 1

DET Cc 4-TRACK FRAME HEAD CONCRETE INSTALLATION

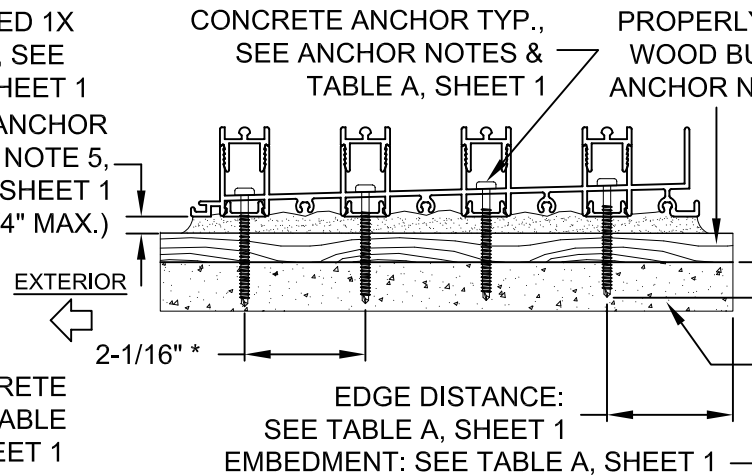
NOTES:
1. ALL DIMENSIONS SHOWN ARE BASED ON MIN. ALLOWED.
* DIAGONAL O.C. IS MIN 4" (HEAD & SILL) OR 6" (JAMB) SEE DETAILS, SHEETS 10 & 11.



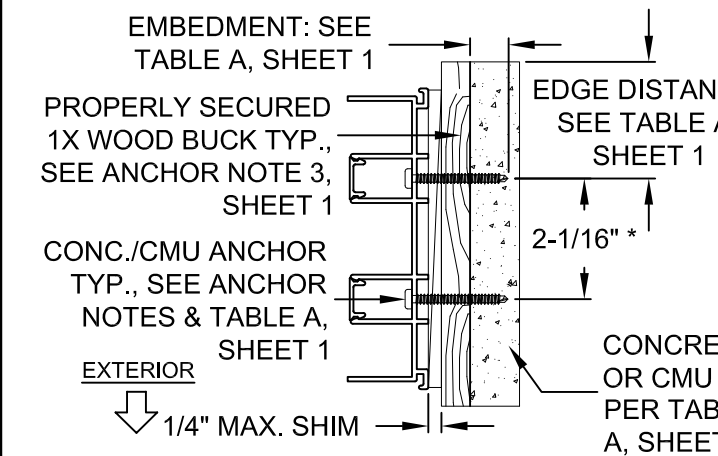
DET Dc 2-TRACK FRAME SILL CONCRETE INSTALLATION



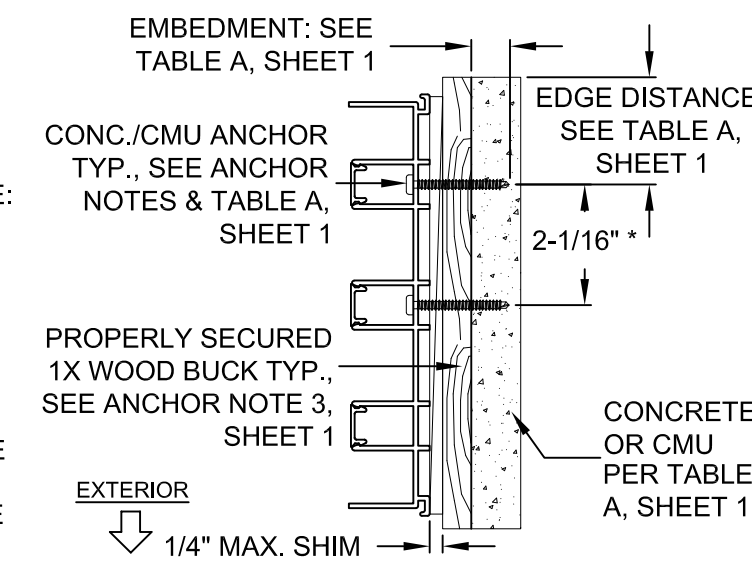
DET Ec 3-TRACK FRAME SILL CONCRETE INSTALLATION



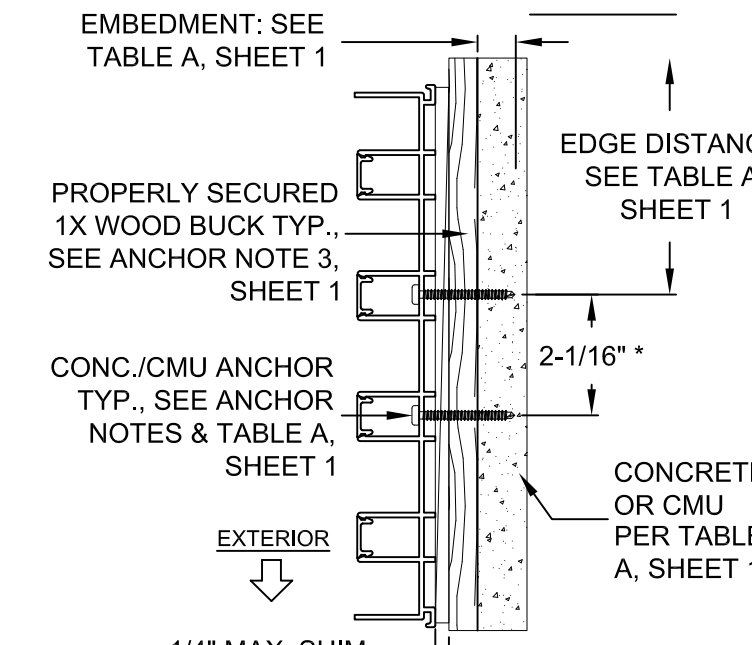
DET Fc 4-TRACK FRAME SILL CONCRETE INSTALLATION



DET Gc 2-TRACK FRAME JAMB CONCRETE/CMU INSTALLATION



DET Hc 3-TRACK FRAME JAMB CONCRETE/CMU INSTALLATION

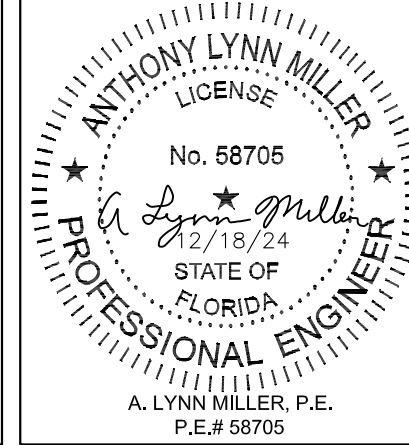


DET Ic 4-TRACK FRAME JAMB CONCRETE/CMU INSTALLATION

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Expiration Date 02/12/2030
By *Ishay I. Chanda*
Miami-Dade Product Control

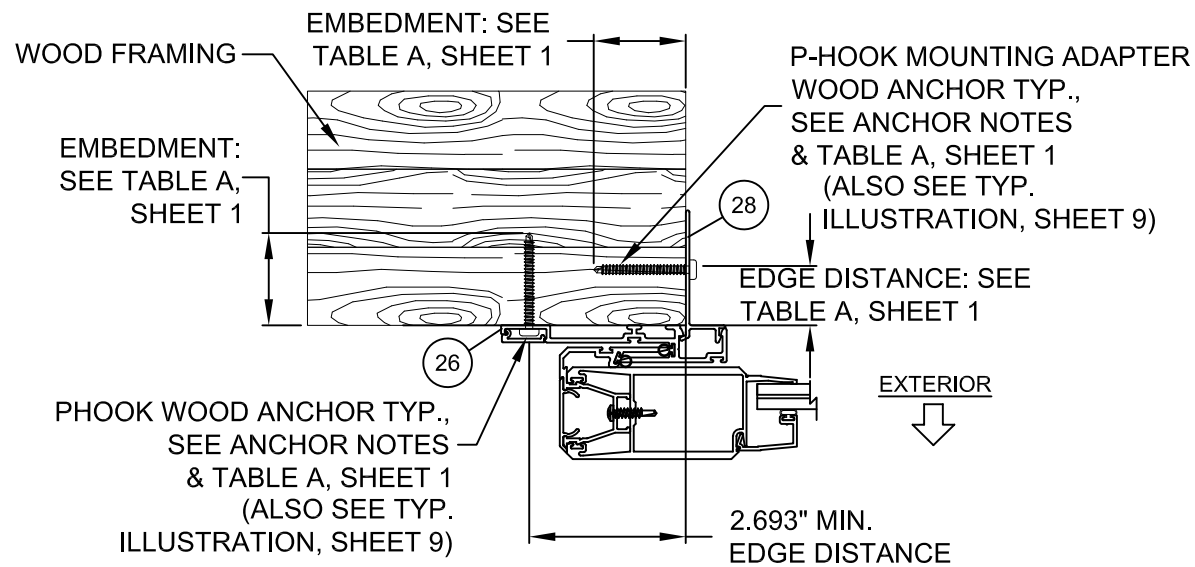
REVISION: Revised CO. ADDRESS
JR - 12/18/24

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 WINDOWS	REGISTRATION #29296	Date	02/28/22
		Drawn By	JENS ROSOWSKI
ALUMINUM SLIDING GLASS WINDOW (LM) ANCHORAGE DETAILS	SGD770W	No.	13 OF 22
		DWG	PGT0129
I		Rev.	

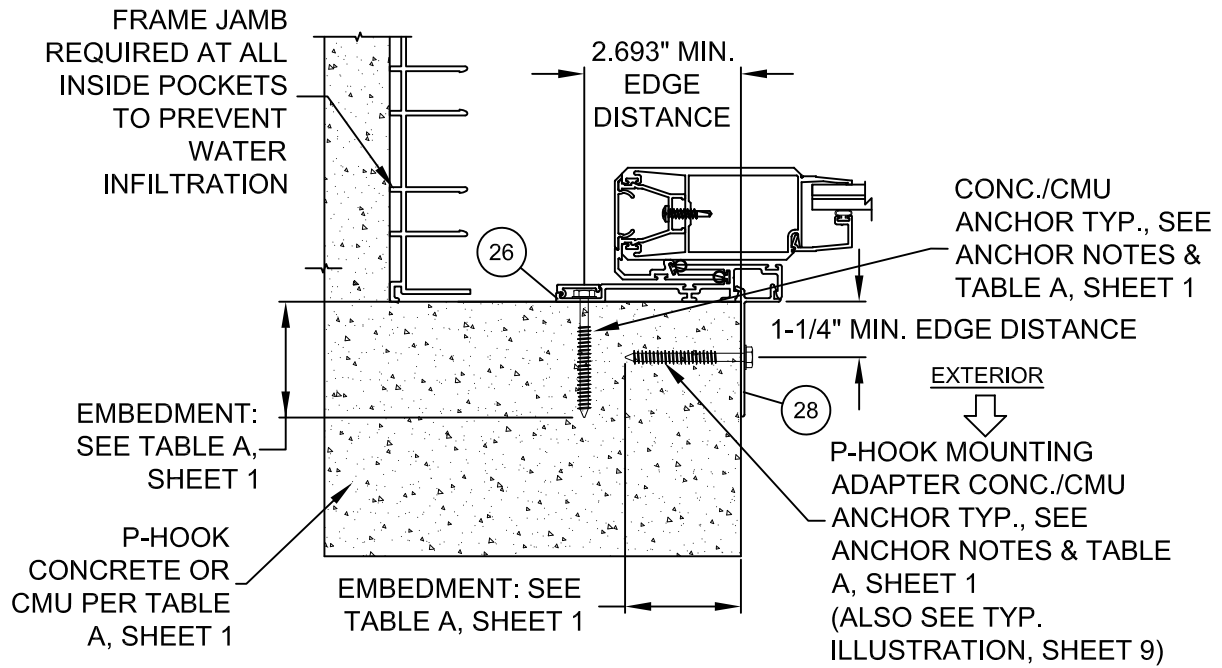


A. LYNN MILLER, P.E.
P.E.# 58705

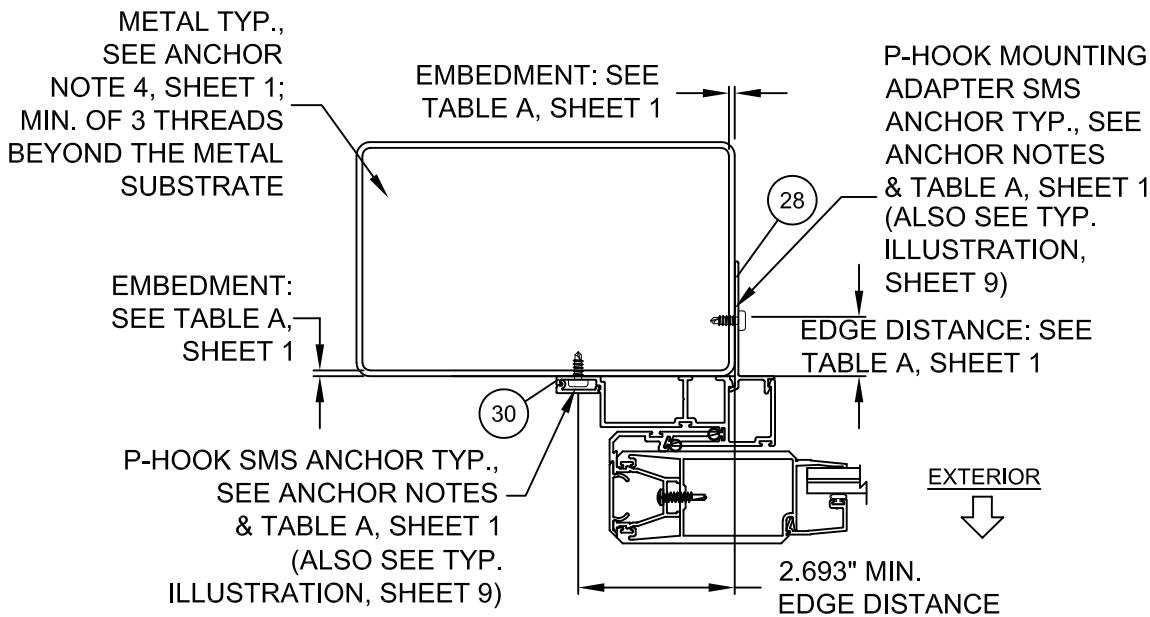
INSTALLATION DETAILS



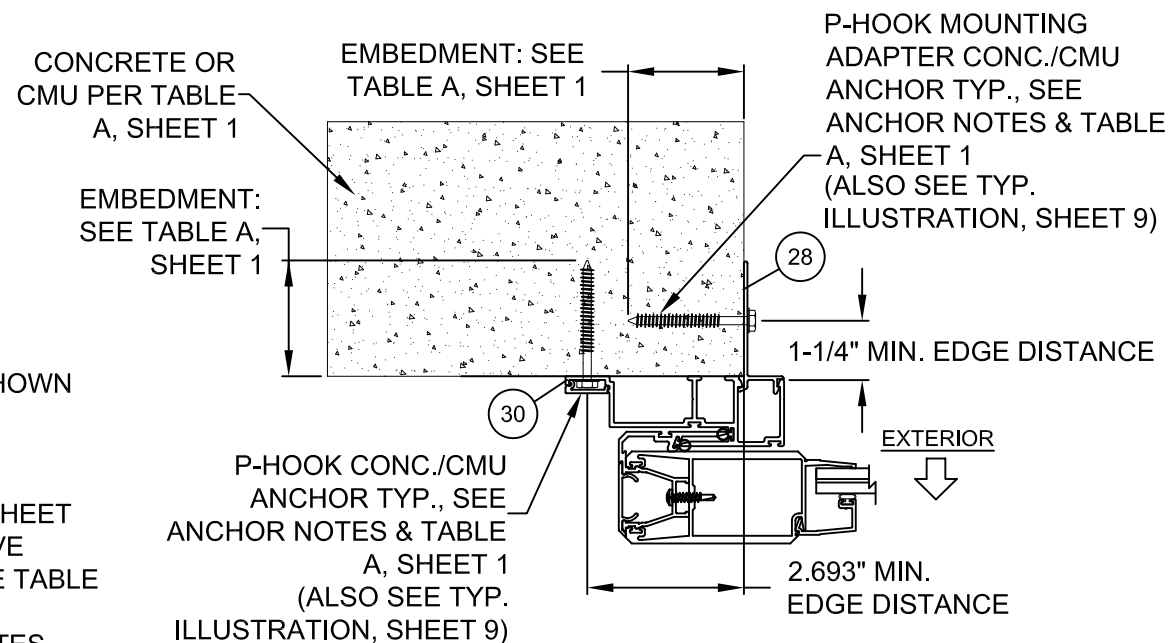
DET Jw P-HOOK FOR USE WITH FLAT SILL RISERS
 PARTS #18, #20, #22 OR #24,
WOOD INSTALLATION
 (SEE TABLES 1A, 2A & 3A
 FOR WATER RATINGS) EXTERIOR MOUNT SHOWN,
 MAY ALSO BE INSTALLED IN
 INTERIOR CONDITION



DET Jc P-HOOK FOR USE WITH ANY SILL RISER
 PARTS #18, #20, #22 OR #24,
CONCRETE/CMU INSTALLATION
 (SEE TABLES 1A, 2A & 3A
 FOR WATER RATINGS) INTERIOR MOUNT SHOWN,
 MAY ALSO BE INSTALLED IN
 EXTERIOR CONDITION



DET Kw P-HOOK FOR USE WITH BOX SILL RISERS
 PARTS #19, #21, #23 OR #25,
METAL INSTALLATION
 (SEE TABLES 1A, 2A & 3A
 FOR WATER RATINGS) EXTERIOR MOUNT ONLY



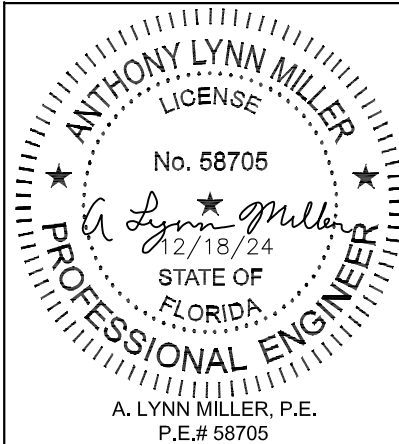
DET Kc P-HOOK FOR USE WITH BOX SILL RISERS
 PARTS #19, #21, #23 OR #25,
CONCRETE INSTALLATION
 (SEE TABLES 1A, 2A & 3A
 FOR WATER RATINGS) EXTERIOR MOUNT ONLY

- NOTES:**
1. ALL DIMENSIONS SHOWN ARE BASED ON MIN. ALLOWED.
 2. FIGURES ON THIS SHEET ARE FOR ILLUSTRATIVE PURPOSES ONLY. SEE TABLE A, SHEET 1 FOR ALL APPROVED SUBSTRATES.
 3. SEE TABES 1-3, SHEETS 6-8 FOR REQUIRED P-HOOK AND P-HOOK MOUNTING ADAPTER ANCHOR QUANTITIES. ALSO SEE EXAMPLE ON SHEET 9.

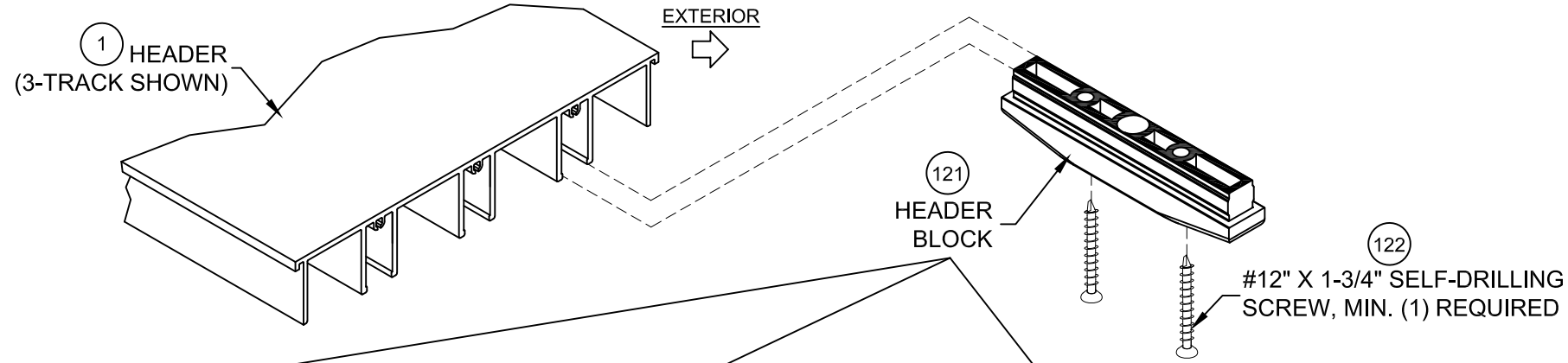
PRODUCT RENEWED
 as complying with the Florida
 Building Code
 NOA-No. 24-1219.09
 Expiration Date 02/12/2030
 By *Isaac I. Chanda*
 Miami-Dade Product Control

REVISION: JR - 12/18/24
 REVISED CO. ADDRESS

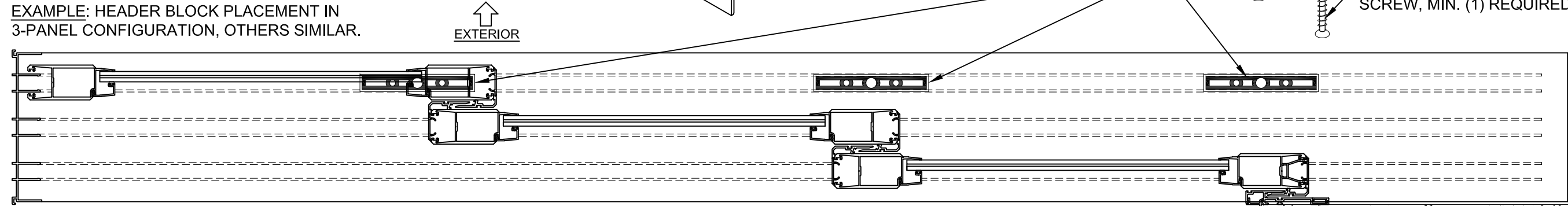
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 WINDOWS	REGISTRATION #29296	Date	02/28/22	Drawn By JENS ROSOWSKI	No. PGT0129	Rev. H
		ALUMINUM SLIDING GLASS WINDOW (LM) ANCHORAGE DETAILS	Sheet			
SGD770W	Series					



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.

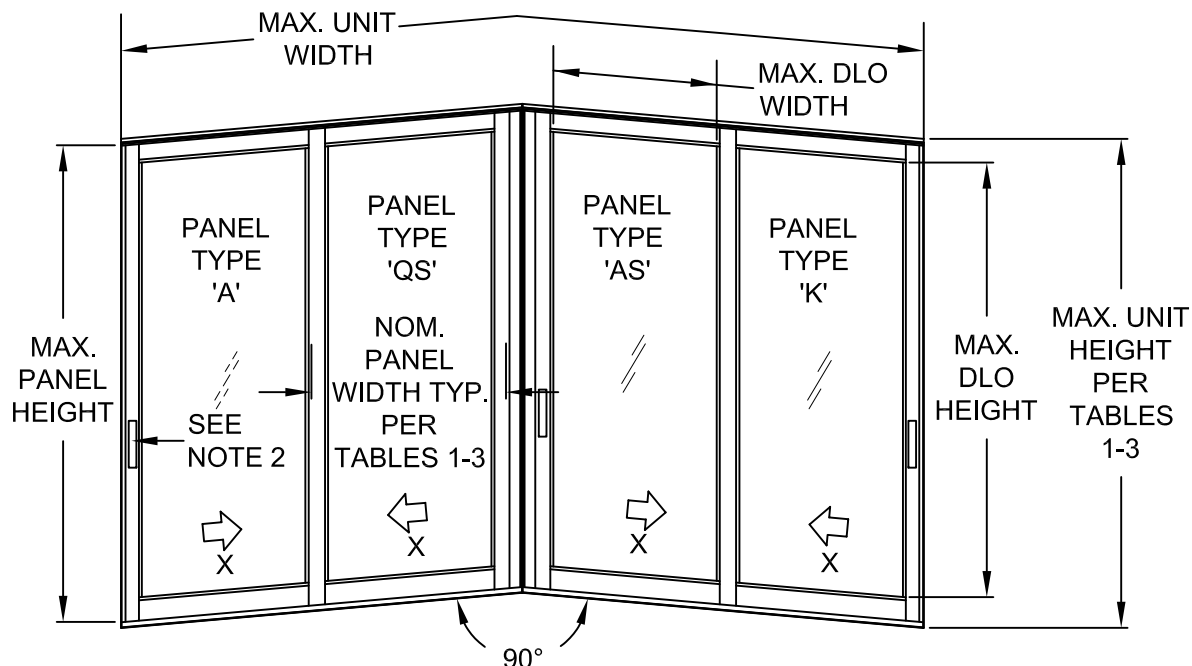


EXAMPLE: HEADER BLOCK PLACEMENT IN 3-PANEL CONFIGURATION, OTHERS SIMILAR.

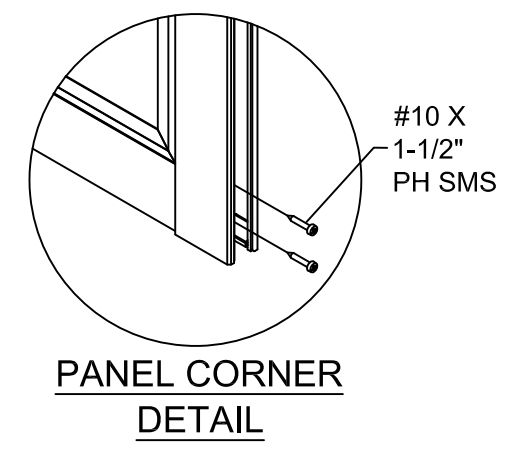
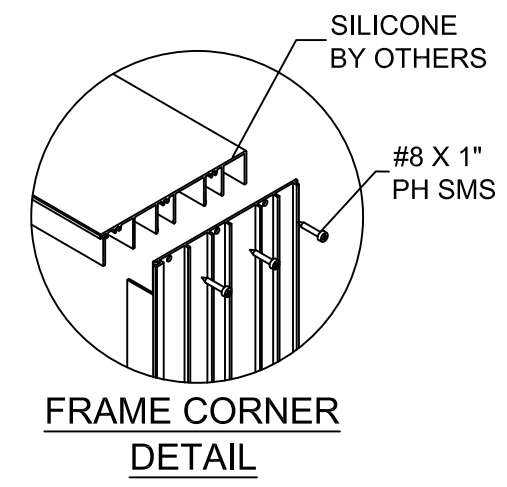
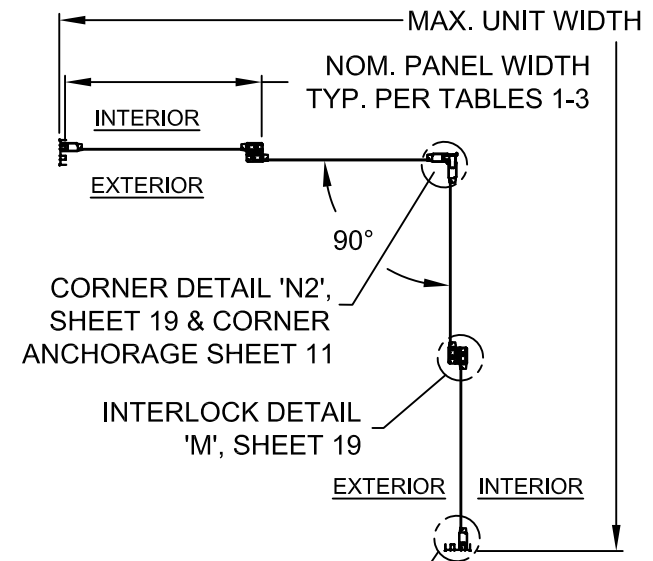


HEADER DETAIL 'A', SHEET 18; INSTALLATION DETAILS 'Aw' & 'Ac', SHEETS 12 & 13

SILL DETAIL 'D', SHEET 18; INSTALLATION DETAILS 'Dw' & 'Dc', SHEETS 12 & 13



EXAMPLE: 90° INSIDE CORNER, 4 PANELS - XX/XX




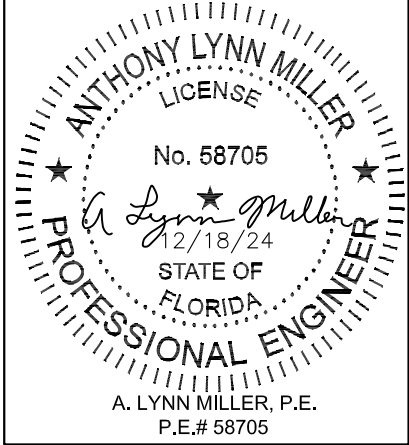
- NOTES:**
- 1) SEE SHEET 17 FOR INDIVIDUAL PANEL CONFIGURATIONS AS APPLICABLE. SEE DP/ANCHOR TABLES, SHEETS 6-8 FOR MAX. PANEL HEIGHT AND WIDTH. SEE SHEETS 18 & 19 FOR SECTION DETAILS AND SHEETS 12-14 FOR INSTALLATION DETAILS.
 - 2) (1) LOCK (ITEMS 75 & 107-110) AT EACH LOCKSTILE, LOCKING INTO KEEPER (ITEM 103) AT FRAME JAMB OR ASTRAGAL.
 - 3) PLEASE SEE APPLICABLE ASTRAGAL & INTERLOCK COMBINATIONS PER DP/ANCHOR TABLES.

DLO WIDTH = NOM. PANEL WIDTH - 7"
 DLO HEIGHT = WINDOW UNIT HEIGHT - 10.125"
 PANEL HEIGHT = WINDOW UNIT HEIGHT - 1.866"

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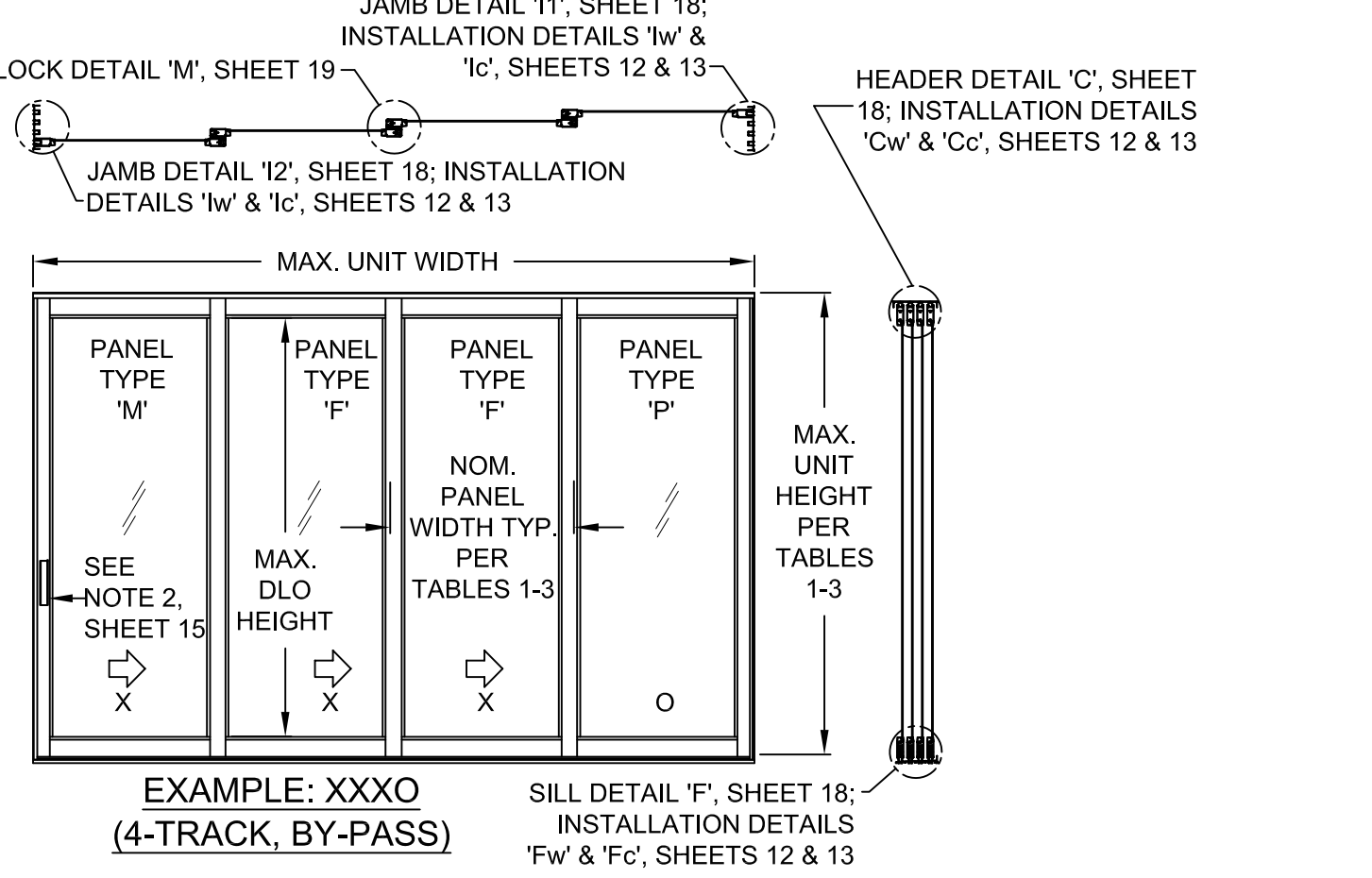
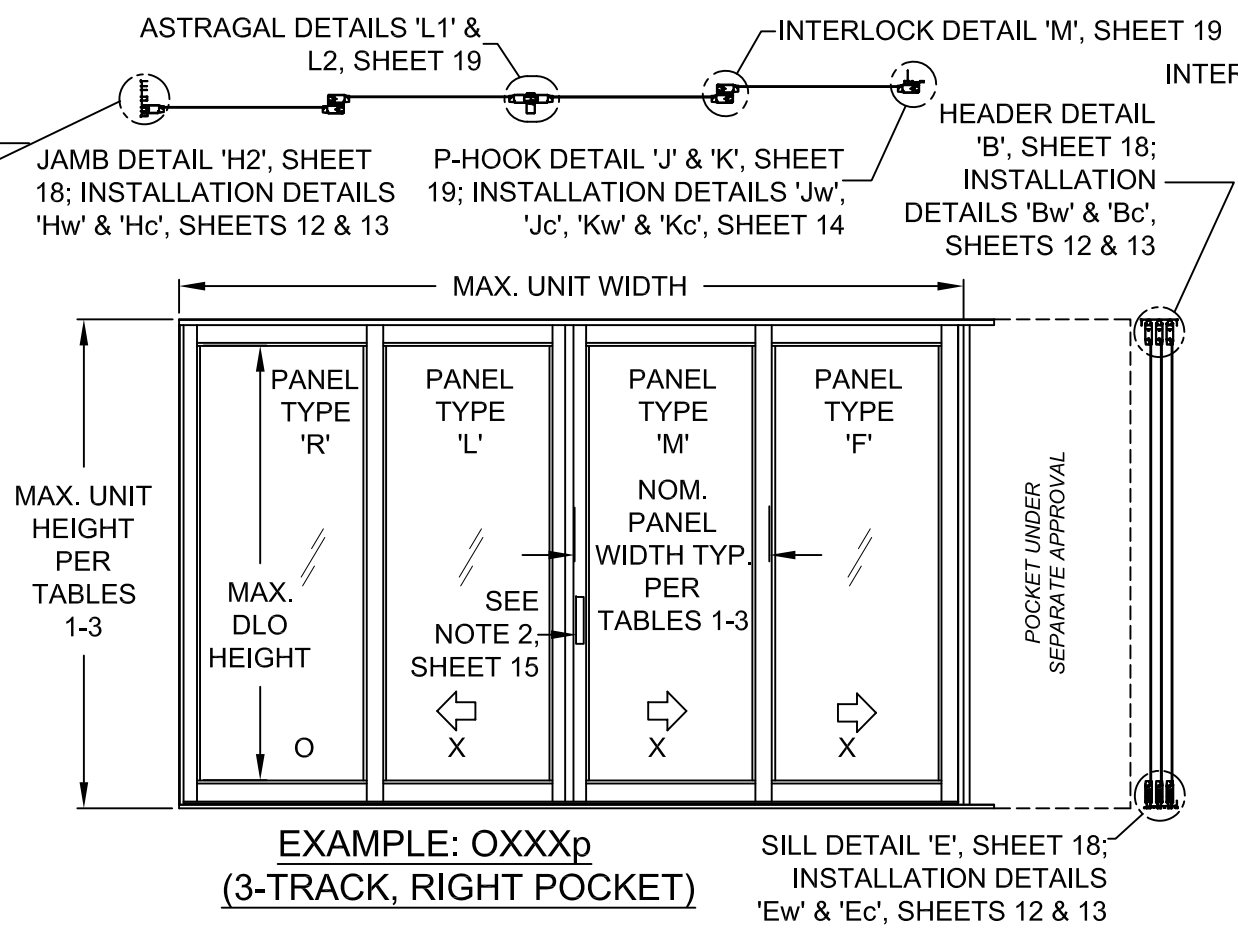
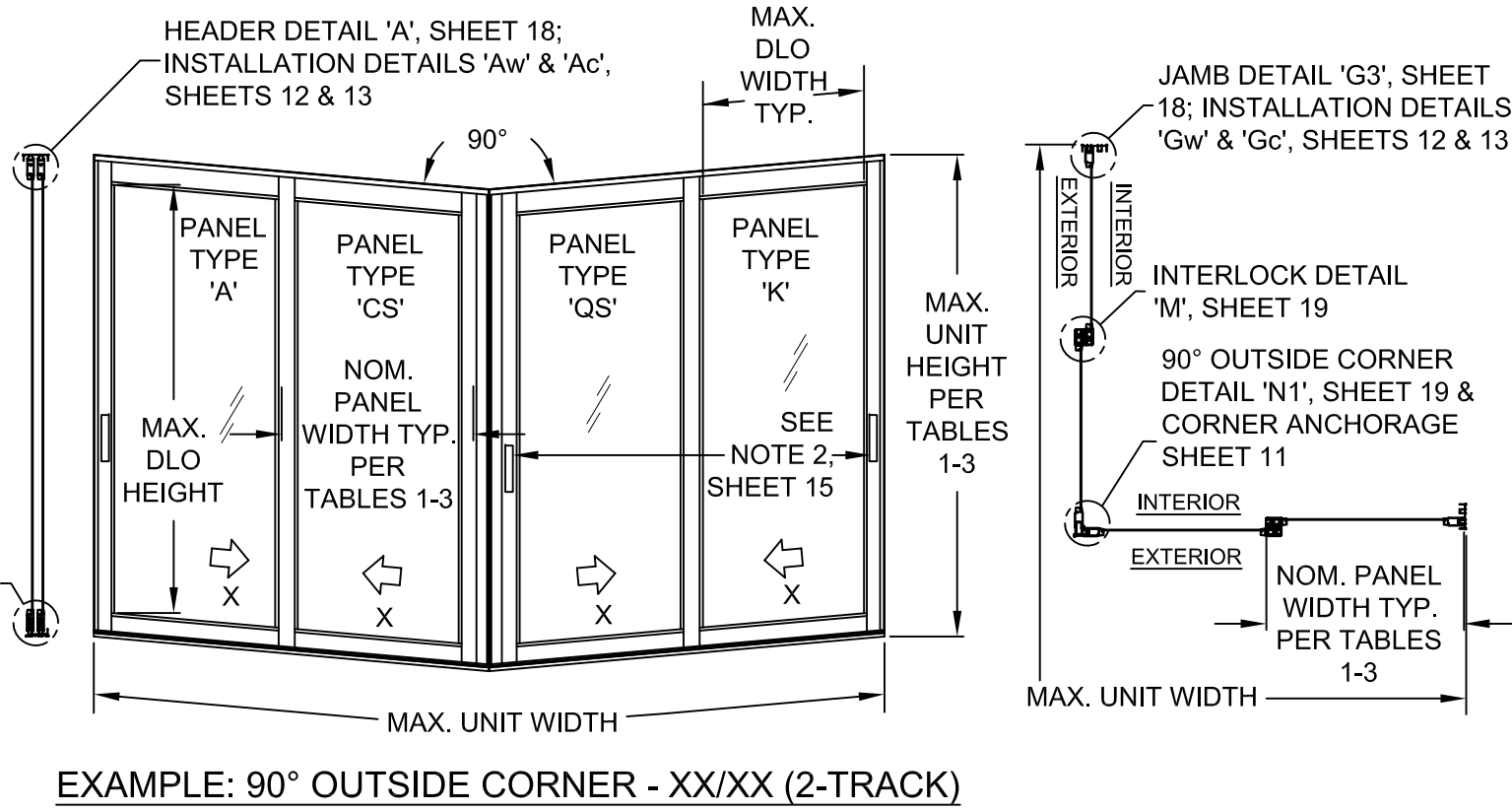
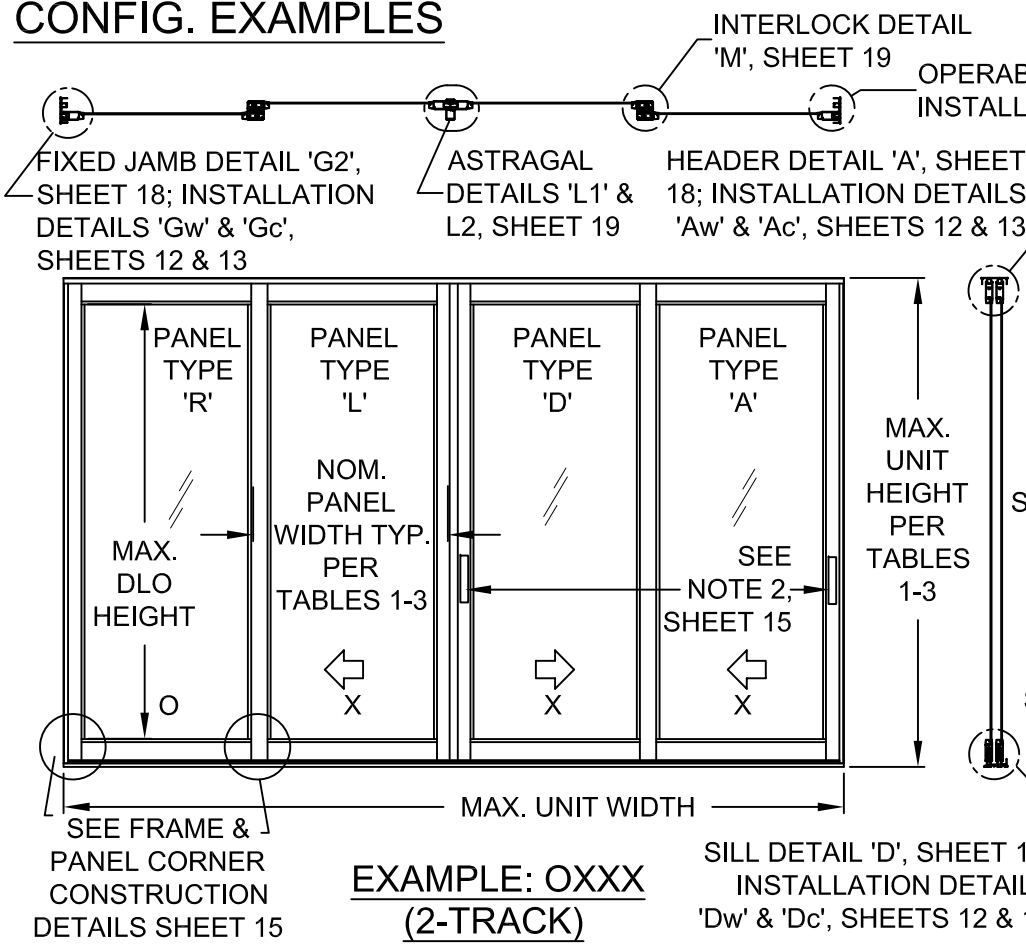
REVISION: REVISED CO. ADDRESS
 JR - 12/18/24

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 WINDOWS	REGISTRATION #29296	Date	02/28/22
		By	JENS ROSOWSKI
 Custom Windows and 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	ALUMINUM SLIDING GLASS WINDOW (LM)	No.	PGT0129
		Series	SGD770W
EXAMPLE ELAVATION		Sheet	15 OF 22



CONFIG. EXAMPLES

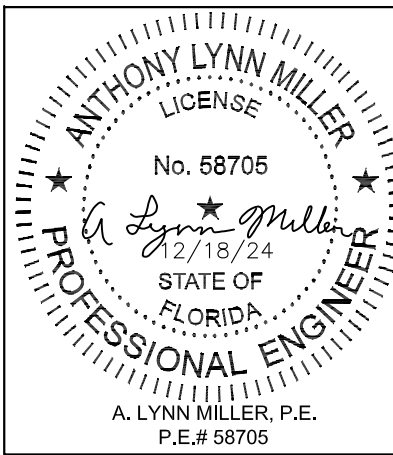
FOR ALL DETAILS ON THIS SHEET, SEE NOTES ON SHEET 15



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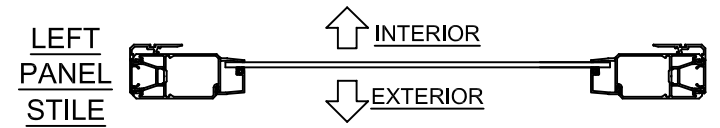
REVISION: Revised Co. Address
 JR - 12/18/24

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	CUSTOM WINDOWS and 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	02/28/22	JENS ROSOWSKI	PGT0129
		ALUMINUM SLIDING GLASS WINDOW (LM)	Date		
EXAMPLE ELEVATION		16 OF 22	SGD770W		



PANEL TYPES	PANEL'S RIGHT STILE TYPE															
	SINGLE INTERLOCK OUT	SINGLE INTERLOCK IN	FIXED STILE	LOCKSTILE W/ HANDLE	ASTRAGAL BOX OUT	ASTRAGAL BOX IN	ASTRAGAL BOX OUT W/ HANDLE	ASTRAGAL BOX IN W/ HANDLE	INT CORNER 90 LOCKSTILE W/ HANDLE #120	EXT CORNER 90 LOCKSTILE W/ HANDLE #119	EXT CORNER 90 RECEIVER W/ HANDLE #61 #118	INT CORNER 90 RECEIVER W/ HANDLE #61 #118	EXT CORNER 90 RECEIVER W/ HANDLE #61 #118	EXT CORNER 135 RECEIVER W/ HANDLE #61 #31	INT CORNER 135 RECEIVER W/ HANDLE #61 #31	
SINGLE INTERLOCK OUT		F	PP	K			L (BOX OUT)		TR	TQ	TC	TA		TV	TW	
SINGLE INTERLOCK IN	B	E	P	A			C (BOX OUT)	C (BOX IN)	IC	SQ	SC	SA		SV	SW	
FIXED STILE	RR	R			S (BOX OUT)	S (BOX IN)							FD	FC	FV	FW
LOCKSTILE W/ HANDLE	D	M			J (BOX OUT)	J (BOX IN)										
ASTRAGAL BOX OUT W/ HANDLE	LR (BOX OUT)															
ASTRAGAL BOX IN W/ HANDLE		N (BOX IN)														
ASTRAGAL BOX OUT			T (BOX OUT)	U (BOX OUT)												
ASTRAGAL BOX IN			T (BOX IN)	U (BOX IN)												
INT CORNER 90 LOCKSTILE W/ HANDLE #120	RT	CI														
EXT CORNER 90 LOCKSTILE W/ HANDLE #119	QT	QS														
EXT CORNER 90 RECEIVER W/ HANDLE #61 #118	CT	CS														
INT CORNER 90 RECEIVER W/ HANDLE #61 #118	AT	AS	DF													
EXT CORNER 90 RECEIVER #61 #118				CF												
EXT CORNER 135 RECEIVER W/ HANDLE #61 #31	VT	VS	VF													
INT CORNER 135 RECEIVER W/ HANDLE #61 #31	WT	WS	WF													

PANEL'S LEFT STILE TYPE	PANEL'S RIGHT STILE TYPE															
	SINGLE INTERLOCK OUT	SINGLE INTERLOCK IN	FIXED STILE	LOCKSTILE W/ HANDLE	ASTRAGAL BOX OUT	ASTRAGAL BOX IN	ASTRAGAL BOX OUT W/ HANDLE	ASTRAGAL BOX IN W/ HANDLE	INT CORNER 90 LOCKSTILE W/ HANDLE #120	EXT CORNER 90 LOCKSTILE W/ HANDLE #119	EXT CORNER 90 RECEIVER W/ HANDLE #61 #118	INT CORNER 90 RECEIVER W/ HANDLE #61 #118	EXT CORNER 90 RECEIVER W/ HANDLE #61 #118	EXT CORNER 135 RECEIVER W/ HANDLE #61 #31	INT CORNER 135 RECEIVER W/ HANDLE #61 #31	
SINGLE INTERLOCK OUT		F	PP	K			L (BOX OUT)		TR	TQ	TC	TA		TV	TW	
SINGLE INTERLOCK IN	B	E	P	A			C (BOX OUT)	C (BOX IN)	IC	SQ	SC	SA		SV	SW	
FIXED STILE	RR	R			S (BOX OUT)	S (BOX IN)							FD	FC	FV	FW
LOCKSTILE W/ HANDLE	D	M			J (BOX OUT)	J (BOX IN)										
ASTRAGAL BOX OUT W/ HANDLE	LR (BOX OUT)															
ASTRAGAL BOX IN W/ HANDLE		N (BOX IN)														
ASTRAGAL BOX OUT			T (BOX OUT)	U (BOX OUT)												
ASTRAGAL BOX IN			T (BOX IN)	U (BOX IN)												
INT CORNER 90 LOCKSTILE W/ HANDLE #120	RT	CI														
EXT CORNER 90 LOCKSTILE W/ HANDLE #119	QT	QS														
EXT CORNER 90 RECEIVER W/ HANDLE #61 #118	CT	CS														
INT CORNER 90 RECEIVER W/ HANDLE #61 #118	AT	AS	DF													
EXT CORNER 90 RECEIVER #61 #118				CF												
EXT CORNER 135 RECEIVER W/ HANDLE #61 #31	VT	VS	VF													
INT CORNER 135 RECEIVER W/ HANDLE #61 #31	WT	WS	WF													

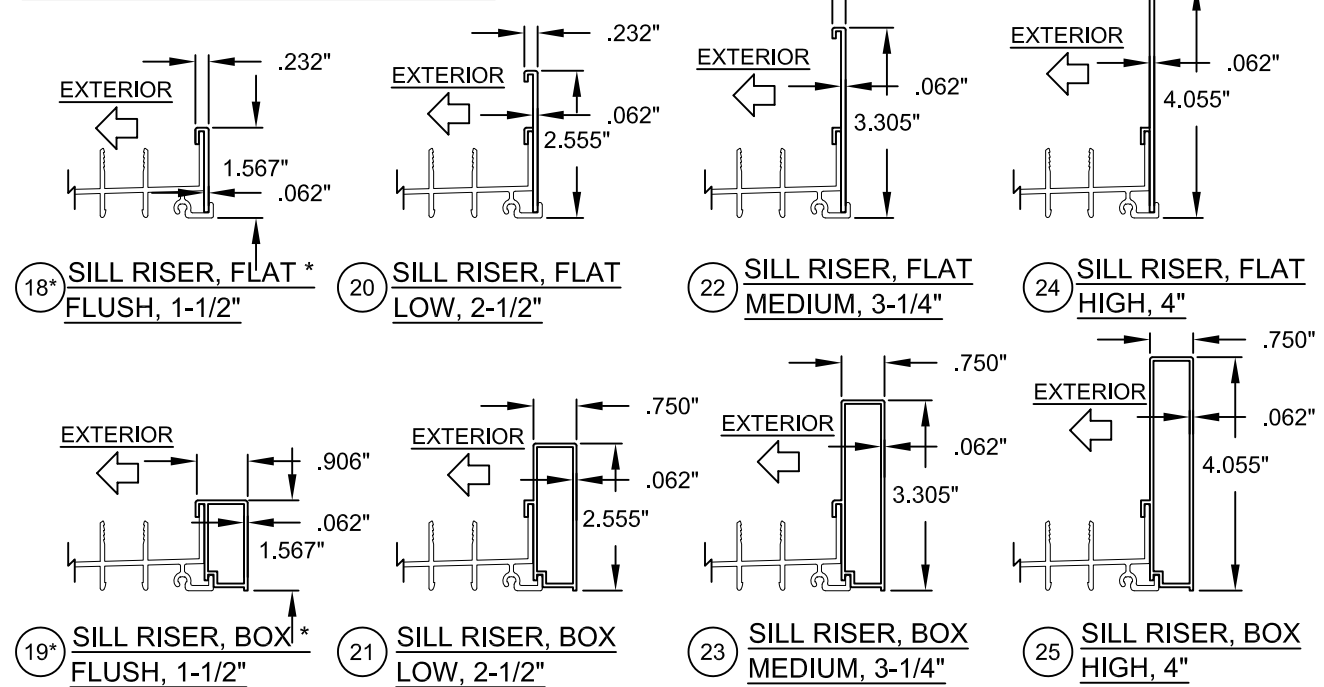


PANEL "E" SHOWN. SEE TABLE FOR OTHER PANEL TYPES AND APPLICABLE STILE/ASTRAGAL REQUIREMENTS.

PANEL NOTES:

- SEE DP TABLES 1-3, SHEETS 6-8 FOR PANEL SIZES & DESIGN PRESSURE.
- PANEL TYPES NOT SHOWN OR CROSSED OFF ARE NOT REQUIRED FOR ANY CONFIGURATIONS AND ARE NOT AVAILABLE.
- 90° ASTRAGALS TO USE HEAVY-DUTY STILES (#61), CORNER RECEIVER (#118) AND EITHER EXTERIOR (#119) OR INTERIOR (#120) CORNER ASTRAGALS.
- 135° ASTRAGALS TO USE HEAVY-DUTY STILES (#61) AND CORNER ADDON (#31).

SILL RISERS OPTIONS



* NOT VALID FOR WATER INFILTRATION RESISTANCE REQUIREMENTS, SEE SHEETS 6-8

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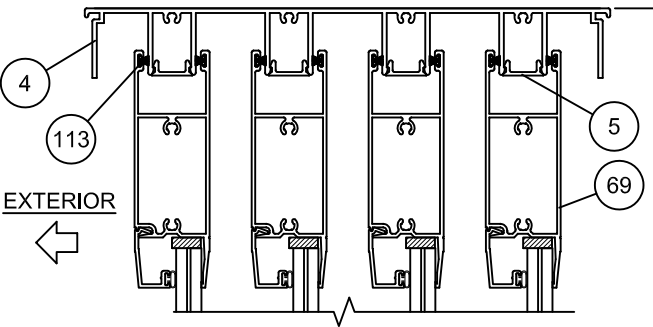
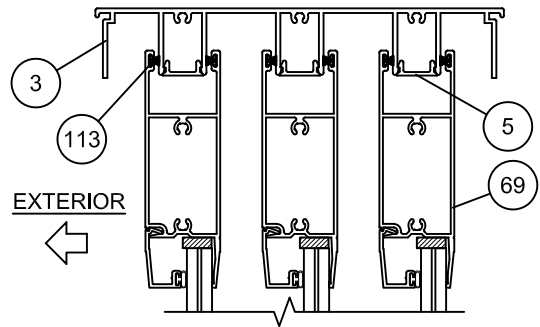
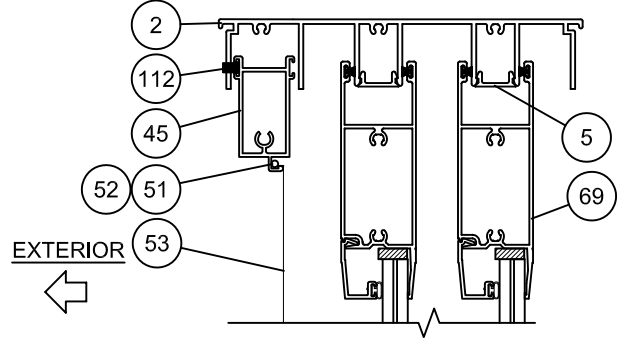
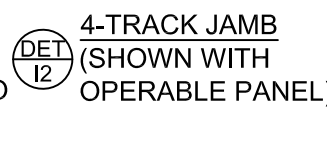
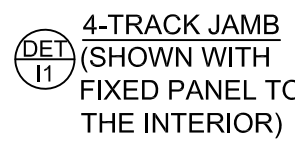
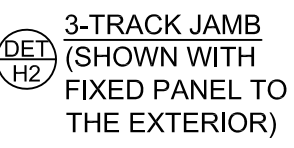
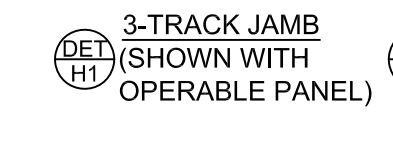
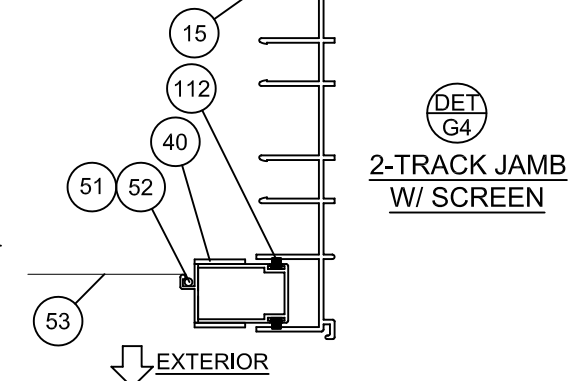
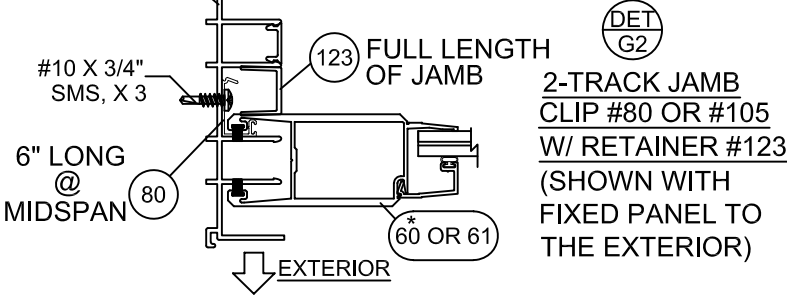
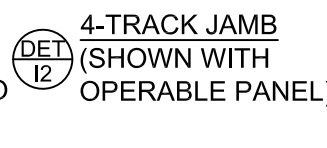
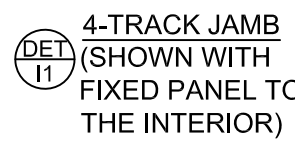
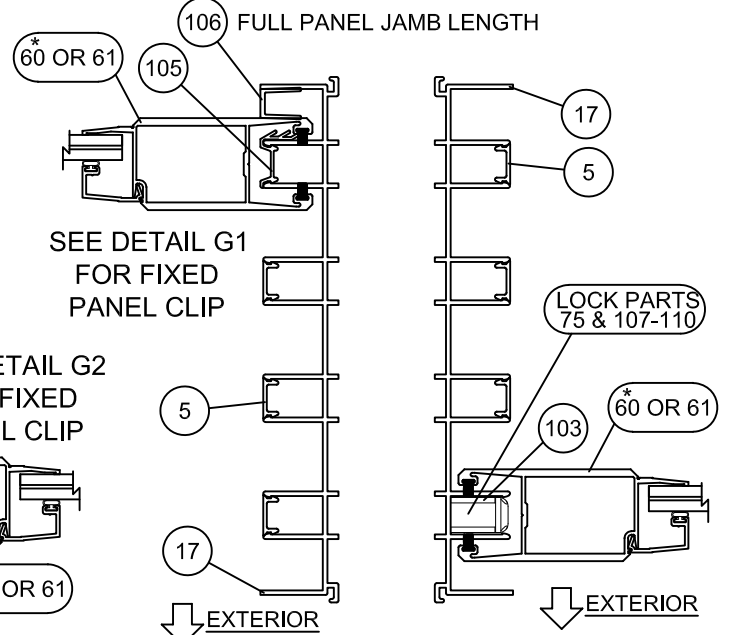
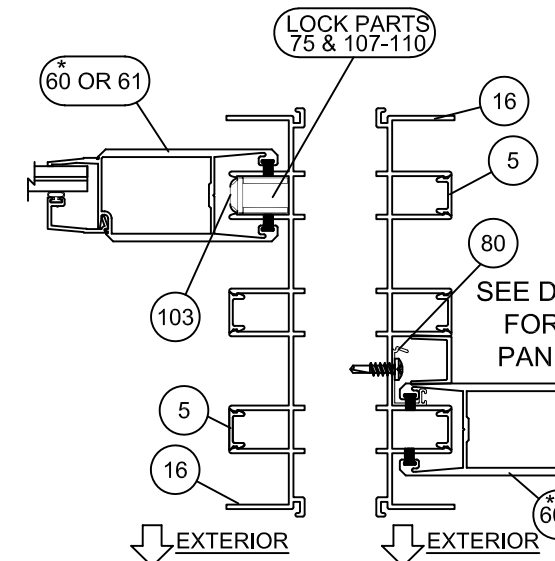
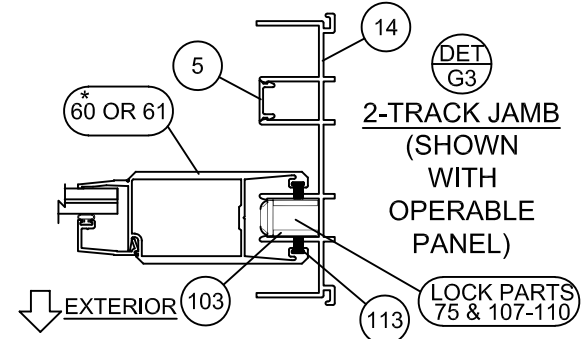
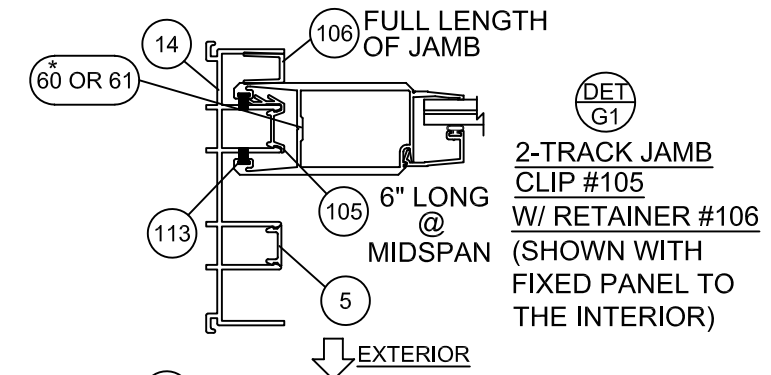
REVISION: Revised CO. ADDRESS
JR - 12/18/24

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 PGT Custom Windows and 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296 ALUMINUM SLIDING GLASS WINDOW (LM)	Date: 02/28/22 By: JENS ROSOWSKI Drawn: JENS ROSOWSKI	No.: 17 OF 22 DWG: PGT0129
	PANEL TYPES ALUMINUM SLIDING GLASS WINDOW (LM)	Series: SGD770W Sheet: 17 OF 22	Title: JENS ROSOWSKI Desc: PGT0129

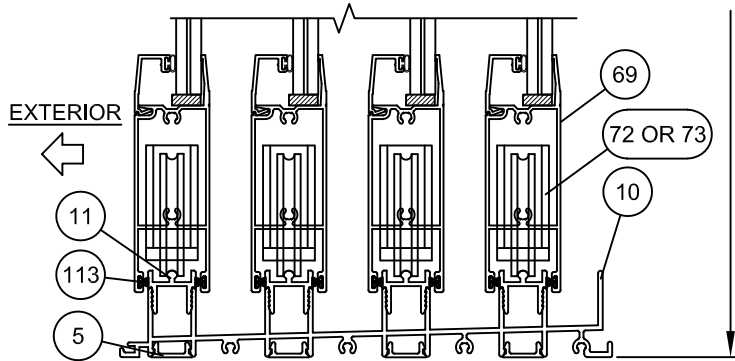
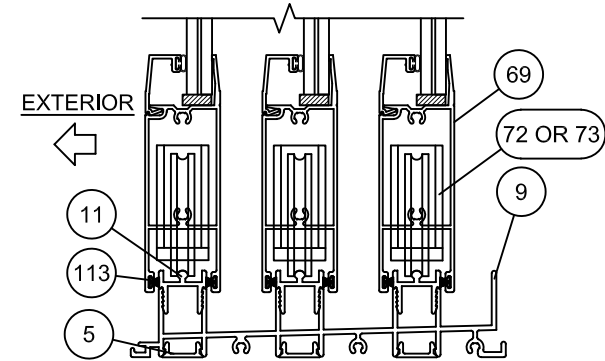
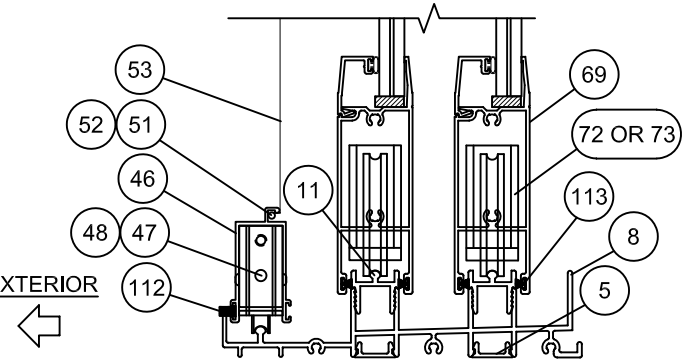
ANTHONY LYNN MILLER
LICENSE
No. 58705
Anthony Lynn Miller
12/18/24
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

ASSEMBLY DETAILS

(SEE SHEETS 12-14 FOR FOR INSTALLATION DETAILS)



MAX. UNIT HEIGHT PER TABLES 1-3

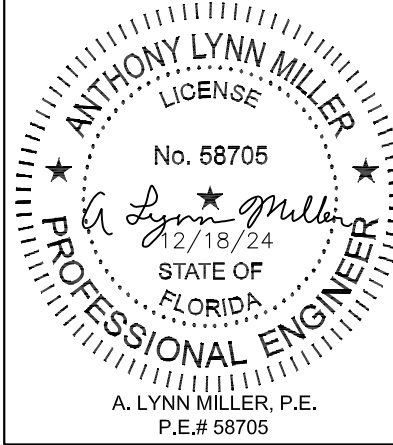


* ITEM 61 SHOWN, ITEM 60 ALSO APPLICABLE, SEE TABLES 1-3, SHEETS 6-8 FOR DP (PSF) ASSOCIATED WITH STILE.

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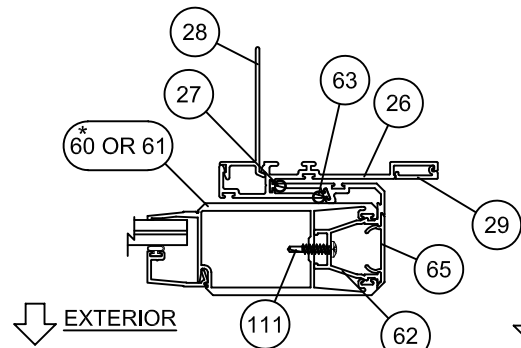
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PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	02/28/22
		By	JENS ROSOWSKI
CUSTOM WINDOWS and 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	ALUMINUM SLIDING GLASS WINDOW (LM)	DWG No.	18 OF 22
		VERTICAL SECTION DETAILS	SGD770W
		Sheet	PGT0129
		Series	I

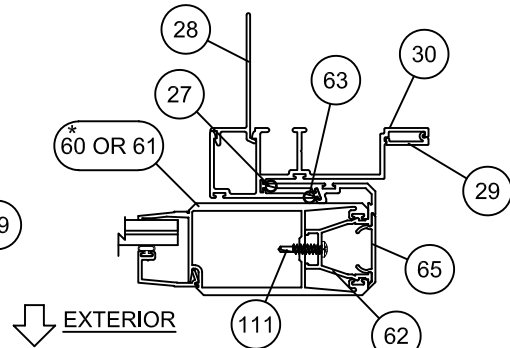


ASSEMBLY DETAILS

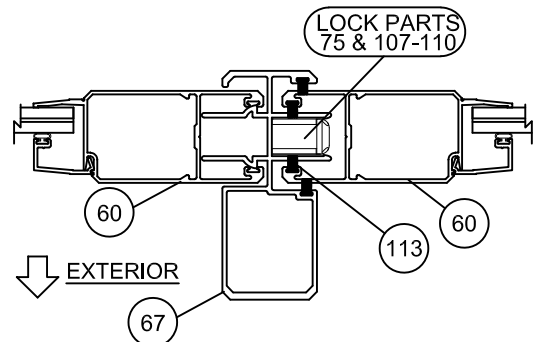
(SEE SHEETS 12-14 FOR FOR INSTALLATION DETAILS)



DET J P-HOOK FOR FLAT SILLS
(EXT. OR INT. MOUNT)

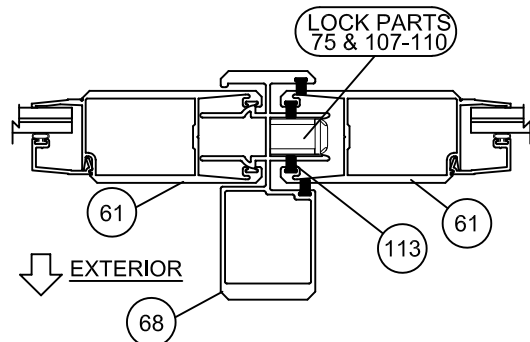


DET K P-HOOK FOR BOX SILLS
EXT. MOUNT ONLY



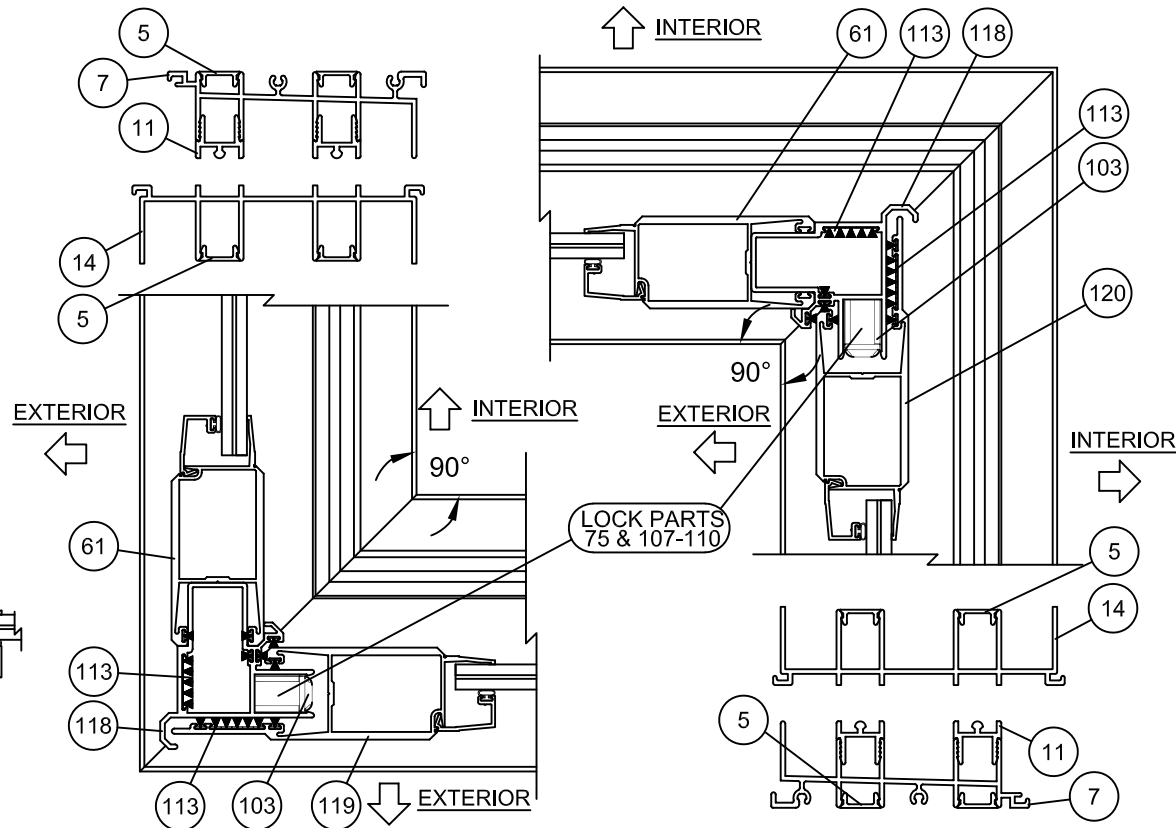
DET L1 STANDARD ASTRAGAL #67
WITH STANDARD STILES #60

EXTERIOR BOX ASTRAGAL SHOWN
(BOX-OUT) MAY ALSO BE INSTALLED
TOWARDS INTERIOR (BOX-IN)



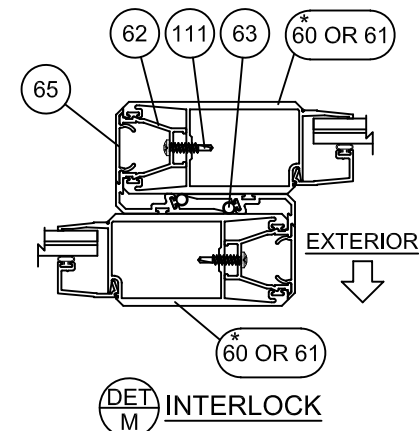
DET L2 HEAVY-DUTY ASTRAGAL #68
WITH HEAVY-DUTY STILES #61

EXTERIOR BOX ASTRAGAL SHOWN
(BOX-OUT) MAY ALSO BE INSTALLED
TOWARDS INTERIOR (BOX-IN)



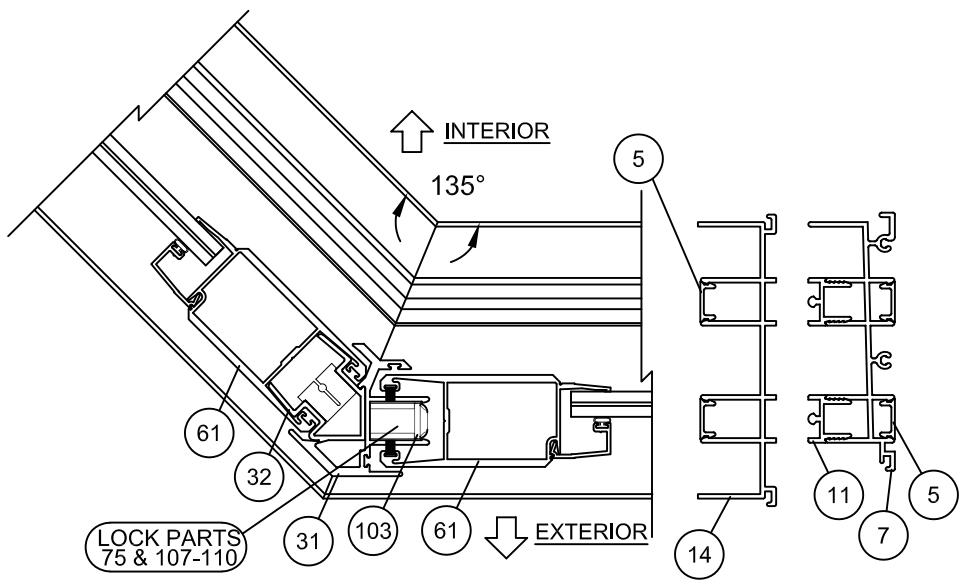
DET N1 90° OUTSIDE CORNER
2-TRACK SHOWN

DET N2 90° INSIDE CORNER
2-TRACK SHOWN

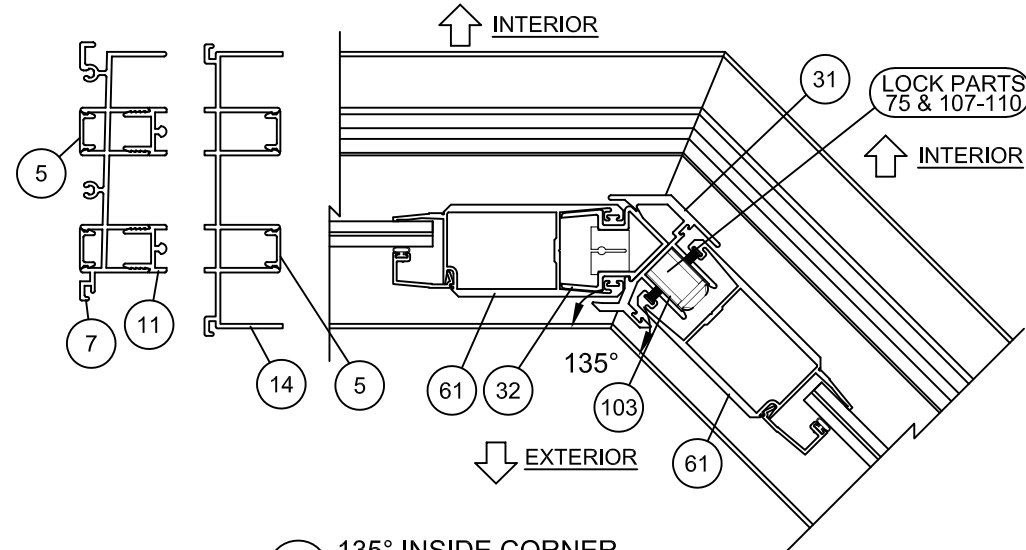


DET M INTERLOCK

* ITEM #61 (HEAVY-DUTY STILE) SHOWN, ITEM #60 (STANDARD STILE) ALSO APPLICABLE, SEE TABLES 1-3, SHEETS 6-8 FOR DP (PSF) ASSOCIATED WITH STILES.



DET O1 135° OUTSIDE CORNER
2-TRACK SHOWN

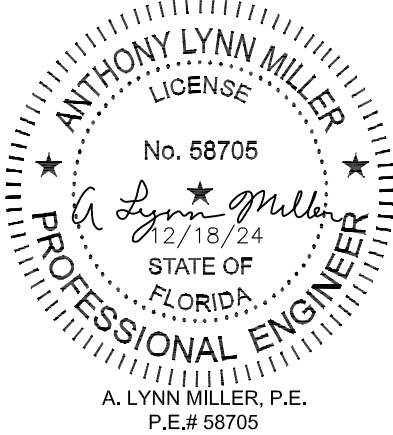


DET O2 135° INSIDE CORNER
2-TRACK SHOWN

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Miami-Dade Product Control

REVISION: JR - 12/18/24
REVISED CO. ADDRESS

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 WINDOWS	REGISTRATION #29296	Date	02/28/22	Rev.	H
	ALUMINUM SLIDING GLASS WINDOW (LM)	Drawn By	JENS ROSOWSKI	No.	PGT0129
	HORIZONTAL SECTION DETAILS	Sheet	SGD770W	19 OF 22	



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

TABLE 5:

Item	PGT Dwg. #	PGT #	Description
1	17306	617306	2-TRACK HEAD
2	17303	617303	2-TRACK HEAD WITH SCREEN RAIL
3	17309	617309	3-TRACK HEAD
4	17312	617312	4-TRACK HEAD
5	17314	617314	FRAME SCREW COVER
6	17317	617317	FRAME HEAD/JAMB ADD-ON
7	17304	617304	2-TRACK SILL
8	17301	617301	2-TRACK SILL WITH SCREEN RAIL
9	17307	617307	3-TRACK SILL
10	17310	617310	4-TRACK SILL
11	17313	617313	FRAME SILL TRACK INSERT
12	17315	617315	FRAME SILL SCREEN ADD-ON (SEE NOTE 3)
13	17316	617316	FRAME SILL SCREEN END ADD-ON (SEE NOTE 3)
14	17305	617305	2-TRACK JAMB
15	17302	617302	2-TRACK JAMB WITH SCREEN RAIL
16	17308	617308	3-TRACK JAMB
17	17311	617311	4-TRACK JAMB
18	17322	617322	SILL RISER - FLAT, FLUSH, 1-1/2"
19	17319	617319	SILL RISER - BOX, FLUSH, 1-1/2"
20	17321	617321	SILL RISER - FLAT, LOW, 2-1/2"
21	17318	617318	SILL RISER - BOX, LOW, 2-1/2"
22	17355	617355	SILL RISER - FLAT, MEDIUM, 3-1/4"
23	17354	617354	SILL RISER - BOX, MEDIUM, 3-1/4"
24	17323	617323	SILL RISER - FLAT, HIGH, 4"
25	17320	617320	SILL RISER - BOX, HIGH, 4"
26	17333	617333	POCKET P-HOOK
27	7070	67070	NEOPRENE BULB WSTP FOR P-HOOK
28	17334	617334	POCKET P-HOOK MOUNT
29	17335	617335	P-HOOK COVER
30	17348	617348	POCKET P-HOOK FOR BOX RISER
31	17378	617378	135 CORNER
32	17376	617376	135 FIXED MOUNT
ITEMS 40-53 ARE SCREEN PARTS:			
40	4319	612258	SCREEN SIDE RAIL - LOCKSTILE
41		7LOCKWGSK	SCREEN LOCKSET
42		41818	SCREEN KEEPER SPACER SET
43	8152	68152	SCREEN INTERLOCK ADAPTER
44	4428	64428	SCREEN DOUBLE INTERLOCK
45	4317	612256	SCREEN TOP RAIL
46	4318	612257	SCREEN BOTTOM RAIL

TABLE 5:

Material	Min. F _y	Min. F _u
#12 Steel Screw	92 ksi	120 ksi
#12 18-8 Screw	60 ksi	95 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


Item	PGT Dwg. #	PGT #	Description
47	668	7SRAZ	STANDARD ROLLER
48	668	7SRAX	STANDARD ROLLER - ST. STL.
49	4344	64344	SCREEN ASTRAGAL
50	17349	617349	OXO SCREEN ASTRAGAL ADAPTER
51	1692	61692	SCREEN SPLINE - .165"
52	1694	61694	SCREEN SPLINE - .150"
53		61816C20	SCREEN CLOTH
54	1725		1/2" X 4" X 1/16" SET. BLOCK, NEOPRENE 85 +/-5
55	1726		1" X 4" X 1/16" SET. BLOCK, NEOPRENE 85 +/-5
60	17325	617325	PANEL STILE
61	17326	617326	PANEL STILE (HEAVY DUTY)
62	17327	617327	INTERLOCK ADAPTOR
63	1225	6TP248	VINYL BULB WSTP. - THIN (INSIDE INTERLOCK)
64	1729	71729	SILL END WEATHERSTRIP PAD
65	17328	617328	INTERLOCK SCREW COVER
67	17329	617329	ASTRAGAL
68	17339	617339	HEAVY DUTY ASTRAGAL
69	17324	617324	TOP & BOTTOM RAIL
70	17350	417350	WEATHERSTRIP EXTENSION (INJECTION MOLDED)
71	1695	71695	1-1/2" X 1" X 3/4" HIGH FIN SEAL DUST PLUGS
72	8153	78153X	TANDEM ST. STL. ROLLER ASSY.
73	8153	78153N	TANDEM NYLON ROLLER ASSY.
74		SILICONE	DOW-791, 899, 983, 995 OR GE-7700
75	8185	78185X	GEMINI MORTICE 3-PLY DUAL LOCK W/LONG TRIM PLATE
76		71032X1FPFX	#10-32 X 1" FL. SS SCREW W/ TYPE "F" TIP
77		7103239	10-32 STEEL ZINC U-NUT
79	17357	617357	1" IG BEAD
80	17359	617359	7/16" BEAD / FIXED PANEL CLIP
81	17360	617360	9/16" BEAD
82	1224	6TP247K	VINYL BULB WEATHERSTRIP
83	61745	1745	LOWE INC, 1/2" X 1/16" SGL. SIDE ADH. TAPE, POLYETH.
100	8052	48052	ROLLER ADJ. HOLE PLUG
101		72087	JAMB BUMPER
102	1696	71696	DUST PLUG
103	8186	78186X	1" KEEPER
104	653	7SDKEEP	SCREEN LOCK KEEPER
105	17344	617344	FIXED PANEL CLIP - 6" LONG
106	17352	617352	FIXED PANEL RETAINER - 9/16"
107	1739	71739	HANDLE KIT - INTERIOR RAISED WITH THUMB TURN
108	1740	71740	HANDLE KIT - RAISED EXTERIOR HANDLE
109	1731	78162SN	HANDLE KIT - RECESSED INTERIOR WITH THUMB TURN
110	1732	78178	HANDLE KIT - RECESSED EXTERIOR PULL
111		710X34PPSDAX	#10 X 3/4" PH. PN. TEK - S.S.
112	1235	67S16	WSTP, .270 X .170 - FIN SEAL
113	1712	64066	.187" X .230" FINSEAL
114		710X115PPX	#10 X 1-1/2"
115		710XPPT	#10 X 1"
116		720X1X	#14-20 X 1" S.S.
117		720X112X	#14-20 X 1-1/2" S.S.
118	17336	617336	90 DEGREE CORNER RECEIVER
119	17337	617337	90 DEGREE OUTSIDE CORNER ASTRAGAL
120	17338	6117338	90 DEGREE INSIDE CORNER ASTRAGAL
123	17352	617352	FIXED PANEL RETAINER, 7/8"

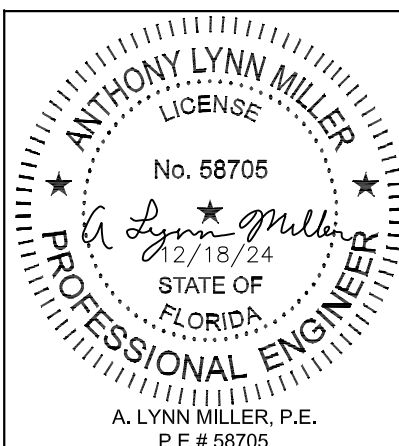
NOTES:

- 1) ALL ALUMINUM = 6063-T6
- 2) ITEMS # 33-39, 56-59, 66, 78, 84-99, 121 & 122 ARE NOT USED AND ARE NOT PART OF THIS APPROVAL.
- 3) USE OF #12 OR #13 REQUIRES MIN. #10 SMS OR 3/16" MASONRY ANCHORS @ 24" MAX. O.C.

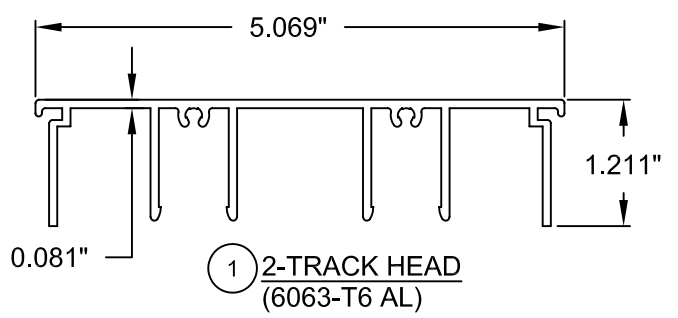
PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 24-1219.09
Expiration Date 02/12/2030
By *Ishay I. Chanda*
Miami-Dade Product Control

REVISION: REVISED CO. ADDRESS
JR - 12/18/24

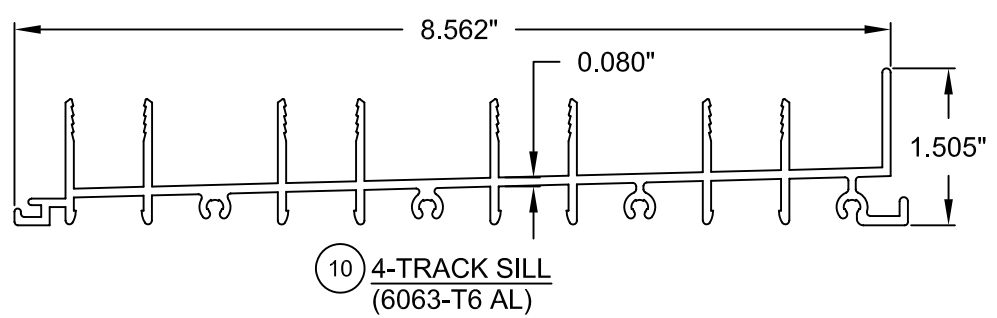
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 WINDOWS	REGISTRATION #29296 ALUMINUM SLIDING GLASS WINDOW (LM)	Date	02/28/22
		By	JENS ROSOWSKI
 Custom Windows and 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	BILL OF MATERIALS SGT770W	DWG No.	20 OF 22
		Sheet	PGT0129



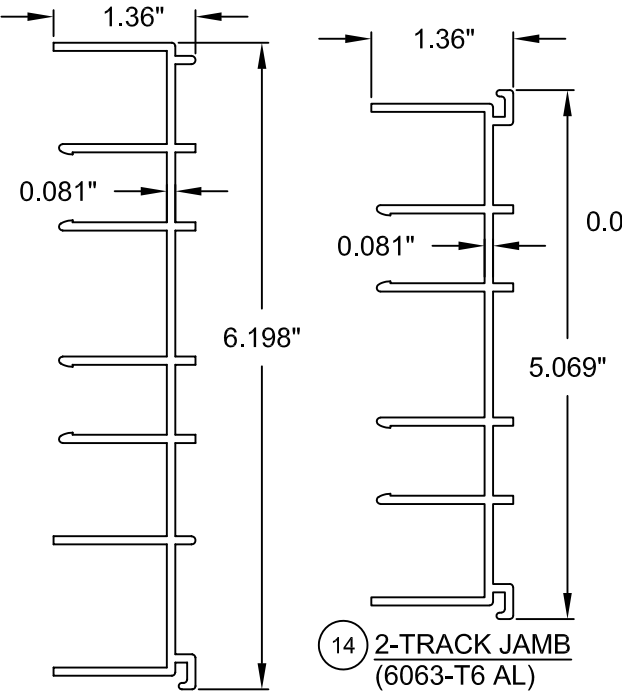
A. LYNN MILLER, P.E.
P.E.# 58705



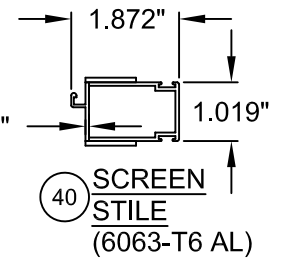
1 2-TRACK HEAD
(6063-T6 AL)



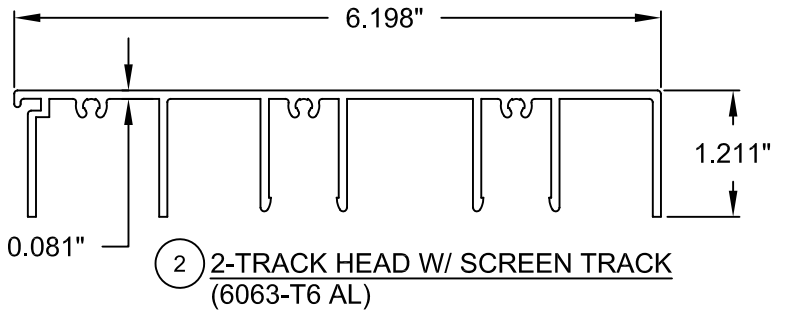
10 4-TRACK SILL
(6063-T6 AL)



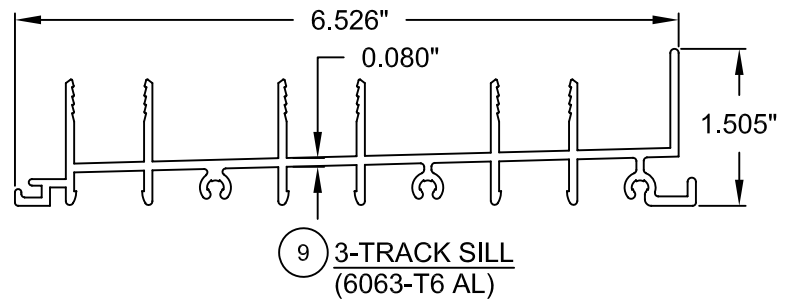
15 2-TRACK JAMB W/
SCREEN TRACK
(6063-T6 AL)



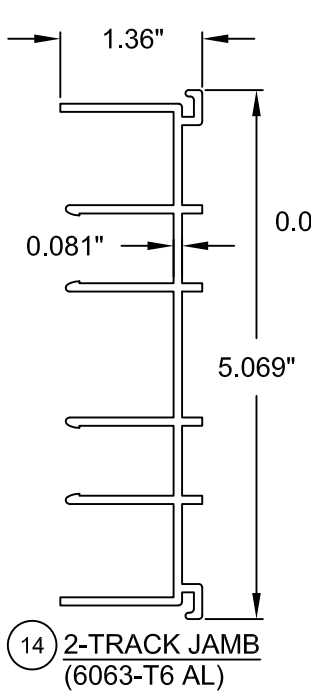
40 SCREEN
STILE
(6063-T6 AL)



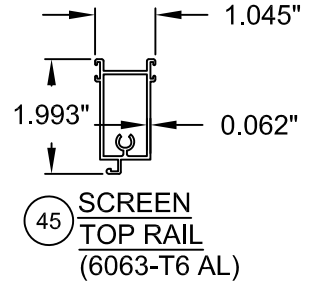
2 2-TRACK HEAD W/
SCREEN TRACK
(6063-T6 AL)



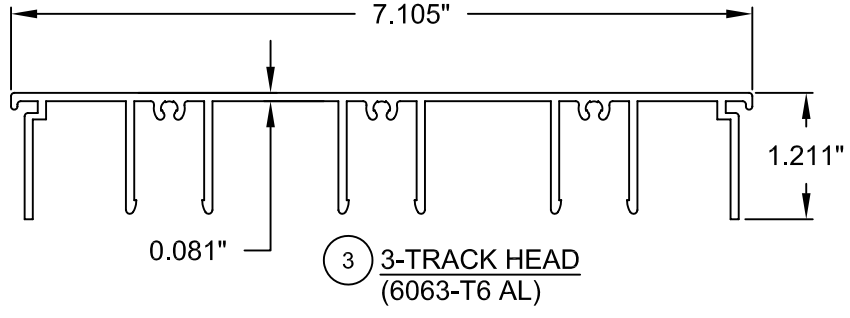
9 3-TRACK SILL
(6063-T6 AL)



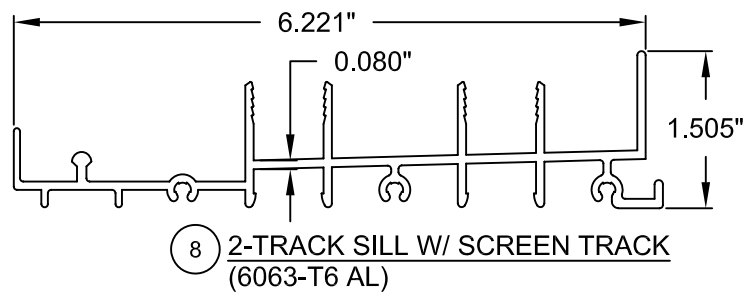
14 2-TRACK JAMB
(6063-T6 AL)



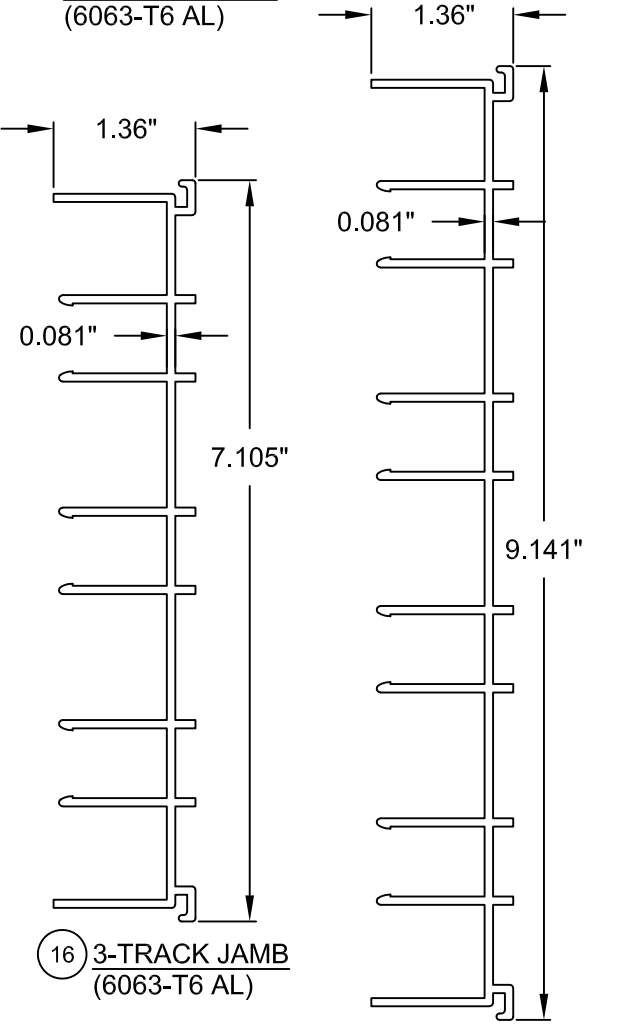
45 SCREEN
TOP RAIL
(6063-T6 AL)



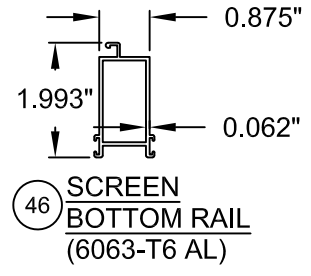
3 3-TRACK HEAD
(6063-T6 AL)



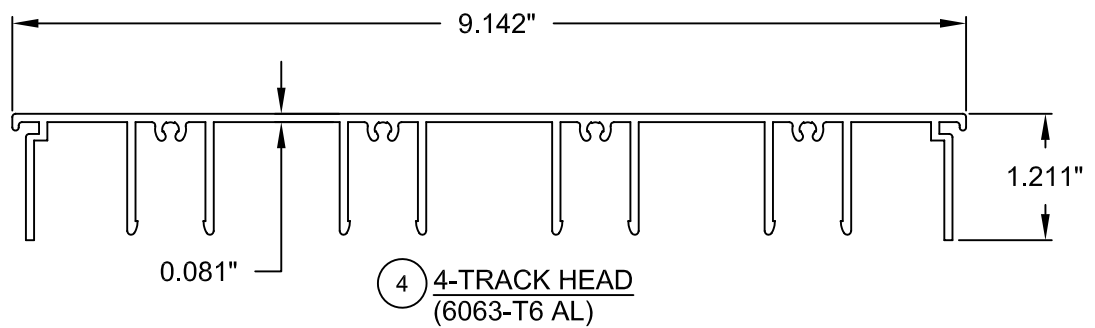
8 2-TRACK SILL W/
SCREEN TRACK
(6063-T6 AL)



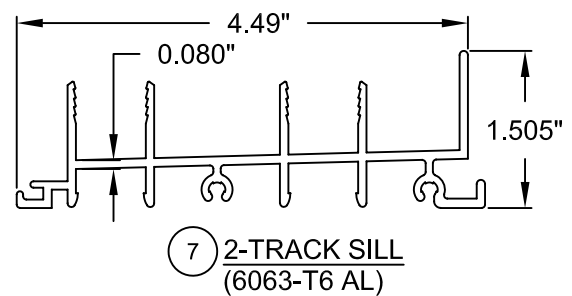
16 3-TRACK JAMB
(6063-T6 AL)



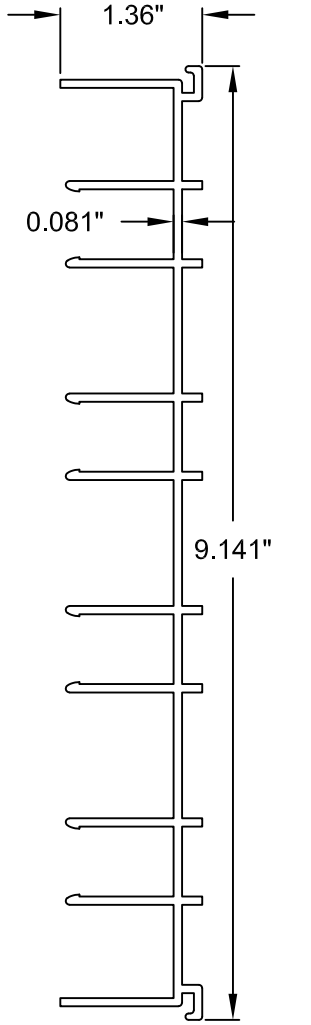
46 SCREEN
BOTTOM RAIL
(6063-T6 AL)



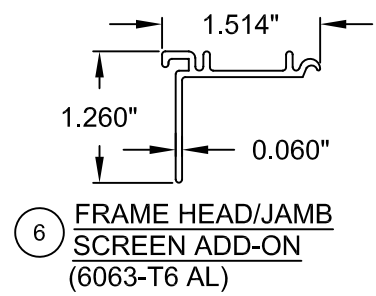
4 4-TRACK HEAD
(6063-T6 AL)



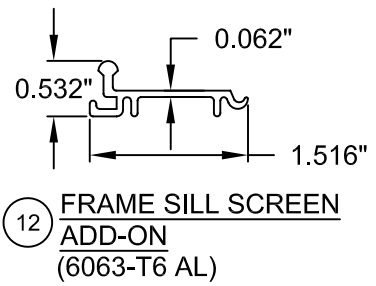
7 2-TRACK SILL
(6063-T6 AL)



17 4-TRACK JAMB
(6063-T6 AL)

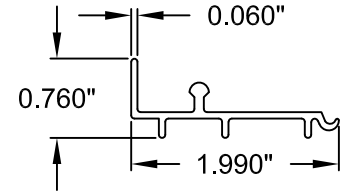


6 FRAME HEAD/JAMB
SCREEN ADD-ON
(6063-T6 AL)



12 FRAME SILL SCREEN
ADD-ON
(6063-T6 AL)

REQUIRES MIN. #10 SMS
OR 3/16" MASONRY
ANCHORS @ 24" MAX. O.C.



13 FRAME SILL SCREEN
END ADD-ON
(6063-T6 AL)

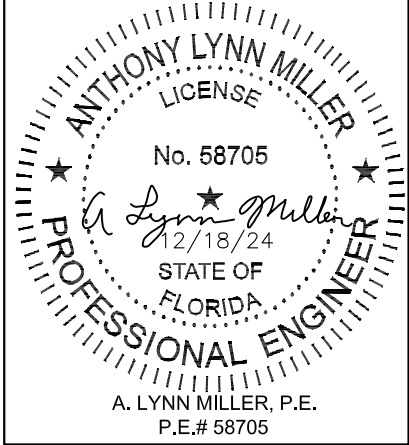
REQUIRES MIN. #10 SMS
OR 3/16" MASONRY
ANCHORS @ 24" MAX. O.C.

SEE SHEET 17 FOR SILL RISERS.

PRODUCT RENEWED
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Expiration Date 02/12/2030
By *Ishaq I. Chanda*
Miami-Dade Product Control

REVISION: Revised CO. ADDRESS
JR - 12/18/24

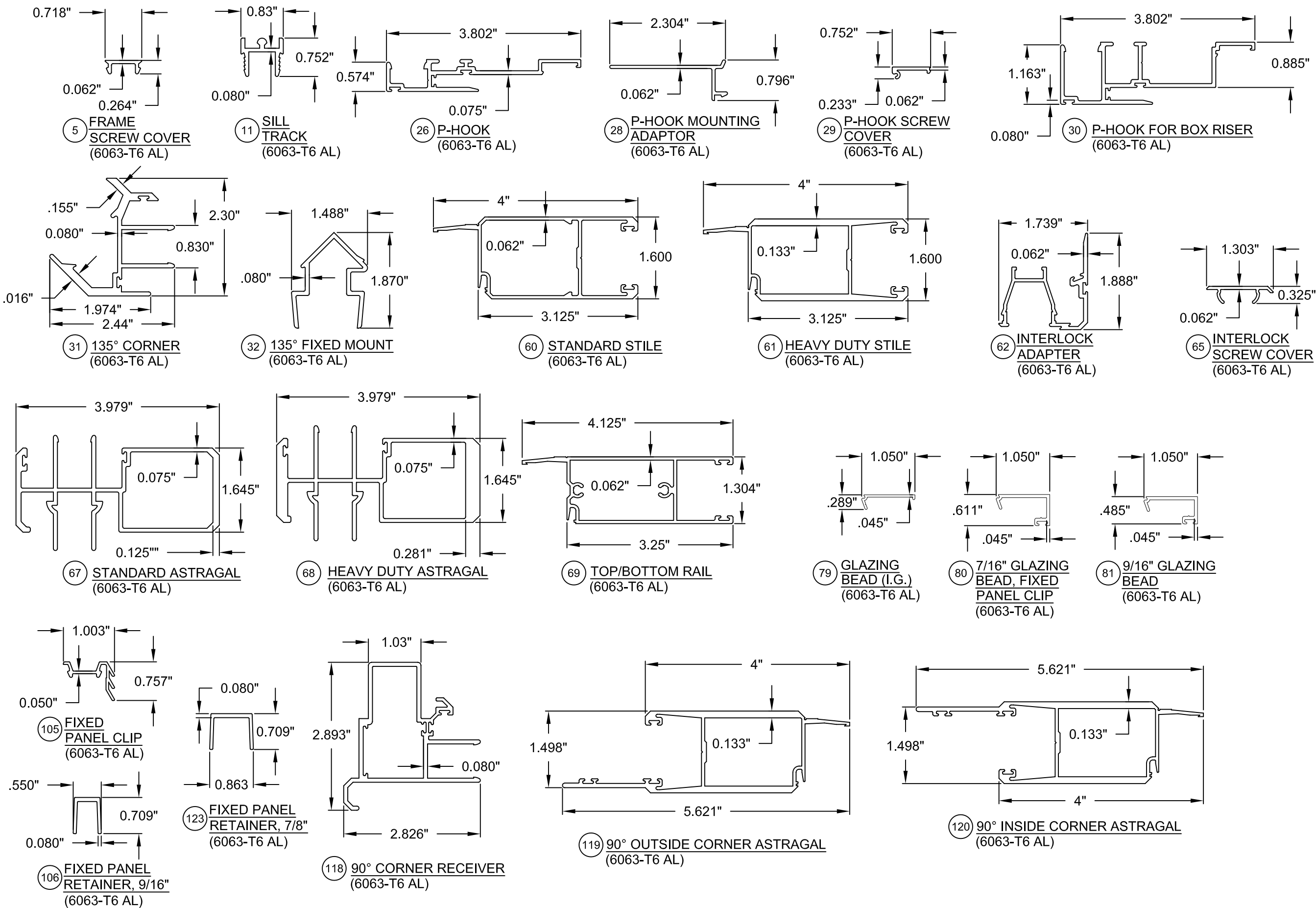
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 WINDOWS	REGISTRATION #29296	Date	02/28/22
		By	JENS ROSOWSKI
PGT Custom Windows and 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	ALUMINUM SLIDING GLASS WINDOW (LM) EXTRUSIONS	No.	PGT0129
		Sheet	21 OF 22
Series	Desc.	SGD770W	



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

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		By	JENS ROSOWSKI
ALUMINUM SLIDING GLASS WINDOW (LM) EXTRUSIONS	SGD770W	DWG No.	PGT0129
		Sheet	22 OF 22

