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.

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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

PGT Industries, LLC

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
Approval Date: January 16, 2025

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 (h) 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

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 filled 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 # L24000142070 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° / 120° CORNERS

DESIGN PRESSURE RATING	IMPACT RATING
MIN. TABLE 1 (-) DP MAX. (+) DP	IMPACT FOR LARGE & SMALL MISSILE IMPACT RESISTANCE

1) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).

2) SHUTTERS ARE NOT REQUIRED WHEN USED IN WIND-BORNE DEBRIS REGIONS. FOR INSULATED GLASS INSTALLATIONS ABOVE 30' IN THE HVHZ, THE OUTBOARD LITE (OAR) MUST BE TEMPERED.

3) 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. f'c PER ANCHOR TYPE.

4) ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO BE CONSIDERED 1A INSTALLATIONS. 1A 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).

5) 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.

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

(SLD) WIDTH = NOM. PANEL WIDTH - 3"
PANEL HEIGHT = WINDOW UNIT HEIGHT - 1-7/8"
(SLD HEIGHT = WINDOW UNIT HEIGHT - 10-1/8"
(SLD HEIGHT = PANEL HEIGHT - 8-1/8"

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INSTALL DETAILS	12-14
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PARTS LIST	20
EXTRUSIONS	21-22

CODES / STANDARDS USED:
- 2023 FLORIDA BUILDING CODE (FBC), 8TH EDITION
- ASTM E1300-09
- ANSI/AWC NDS-2015 FOR WOOD CONSTRUCTION
- ALUMINUM DESIGN MANUAL (ADM) 2020
- AISI S100-16
- AISC 360-16

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. (GROUT 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-6986, FTL-6993, FTL-6991, FTL-6814, FTL-6629, FTL-6617, FTL6622, FTL-6623, FTL-6624, FTL-6625, FTL-6626, FTL-6631, FTL-6633, FTL-6639, FTL-7554; QAI 21-1218, QAI 21-1241 & QAI 22-1242; DEWALT ULTRACON®, NOA; ELCO ULTRACON NOA; DEWALT/ELCO CRETEFLEX HDR AND AGGREGATOR NOA.

TABLE A

Anchor Group	Anchor Type	Frame Member	Substrate	Min. Edge Distance	Min. o.c. Distance	Min. Embedment or Wood Thickness
A	#12 TEK SMS (or #12 410 SS SMS (min. of 3 threads beyond metal substrate))	All	Southern Pine (G = 0.55)	3-1/2"	7/8"	1-1/8"
			6063-T5 Aluminum	3/4"	4-1/2"	0.171" (#3 Dia.)
			A36 Steel	3/4"	4-1/2"	0.105"
			33 ksi Steel Stud	3/4"	4-1/2"	0.060" (#3 Dia.)
	1/4" Dekfast/Con-Krete Kwik-Con/II	All	Concrete (min. 2,500 psi)	1-1/2"	3"	1-1/4"
		Jamb / T-Hook	Hollow Block (ASTM C90)	3"	3"	1-1/4"
		Jamb / T-Hook	Hollow Block (ASTM C90)	3"	3"	1-1/4"
		All	Southern Pine (G = 0.55)	1"	1"	1-1/4"
B	#12 Xtreme SMS (or #12 410 SS SMS (min. of 3 threads beyond metal substrate))	All	Southern Pine (G = 0.55)	3-1/2"	7/8"	1-1/8"
			6063-T5 Aluminum	3/4"	4-1/2"	0.171" (#3 Dia.)
			A36 Steel	3/4"	4-1/2"	0.105"
			33 ksi Steel Stud	3/4"	4-1/2"	0.060" (#3 Dia.)
C	1/4" Dekfast (Wedge)	Head / Sill	Concrete (min. 3 ksi)	1-1/2"	4"	1-1/4"
		Jamb / T-Hook	Concrete (min. 3 ksi)	1"	3"	1-1/4"
		Jamb / T-Hook	Hollow Block (ASTM C90)	1"	3"	1-1/4"
		All	Southern Pine (G = 0.55)	1"	1"	1-1/4"
D	1/4" 410 SS Dekfast/Con-Krete/Wedge	Head / Sill	Concrete (min. 3,000 psi)	1"	4"	1-1/4"
		Jamb / T-Hook	Concrete (min. 3,000 psi)	1"	3"	1-1/4"
		Jamb / T-Hook	Hollow Block (ASTM C90)	3-1/2"	3"	1-1/4"
		All	Southern Pine (G = 0.55)	1"	1"	1-1/4"

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

PRODUCT RENEWED
as complying with the Florida Building Code
Prod. No. 24-1219.08
Expiration Date 02/12/2028
By
Miami-Dade Product Control

REVISED CO. ADDRESS
JR - 12/16/24

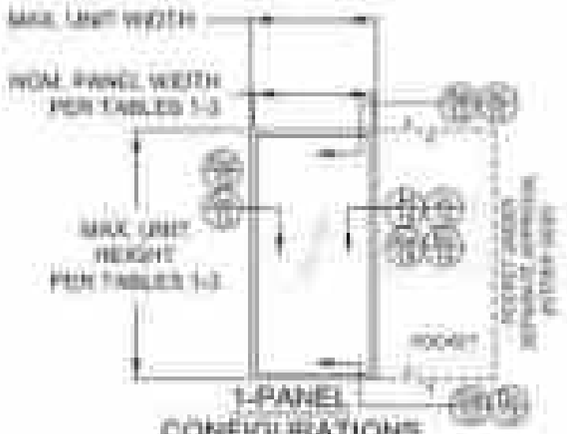
ALUMINUM SLIDING GLASS WINDOW (LW)	JR	12/16/24
GEN. NOTES AND ANCHORS		
BOTTOM		

PGT
1 OF 22

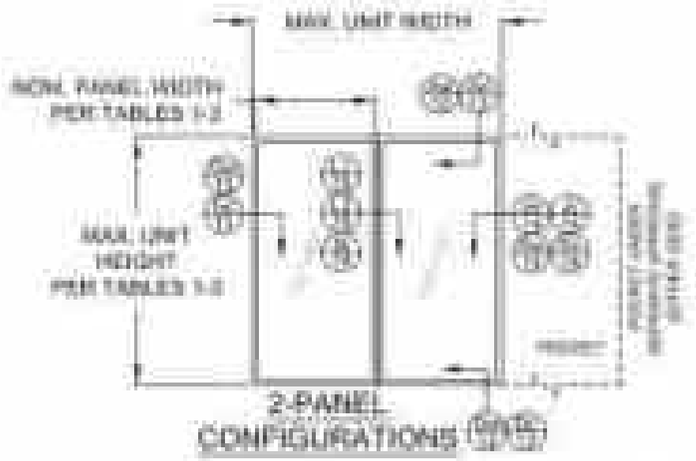
NORTH AMERICAN PRODUCTS GROUP
1070 TECHNOLOGY DRIVE
NORTH VENICE, FL 34275
(941) 480-1600
WWW.PGTINDUSTRIES.COM

STATE OF FLORIDA
No. 59755
ERIC W. MILLER, P.E.

EXAMPLE CONFIGURATIONS



1-PANEL CONFIGURATIONS



2-PANEL CONFIGURATIONS

CONFIGURATIONS NOTES:

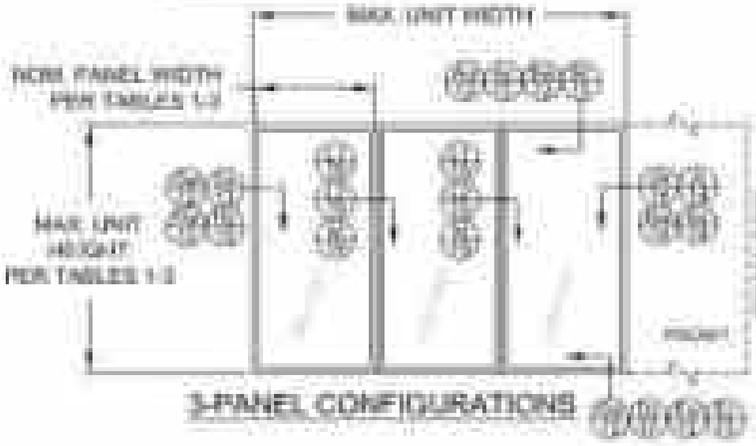
1) ALL CONFIGURATIONS SHOWN ARE ALSO AVAILABLE AS POCKET CONFIGURATIONS AT EITHER OR BOTH JAMB LOCATIONS USING DETAIL "Je", "Jc", "Nw" OR "Nc" INSTALLATION. EXAMPLE: a-PANEL XOOO IN POCKET (p) CONFIGURATION CAN BE: pXOOOp, pOOOX OR XOOOp. OXOX IN POCKET CONFIGURATION CAN BE OXOOp.

2) 90° & 135° CORNER CONFIGURATIONS CAN BE A COMBINATION OF ANY 2 STRAIGHT CONFIGURATIONS

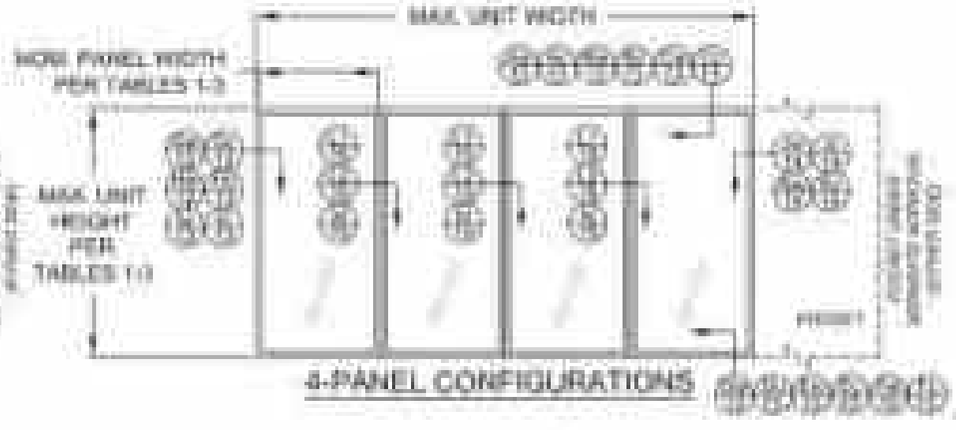
3) FOR NOM. PANEL WIDTH, SEE TABLES 1-3.

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

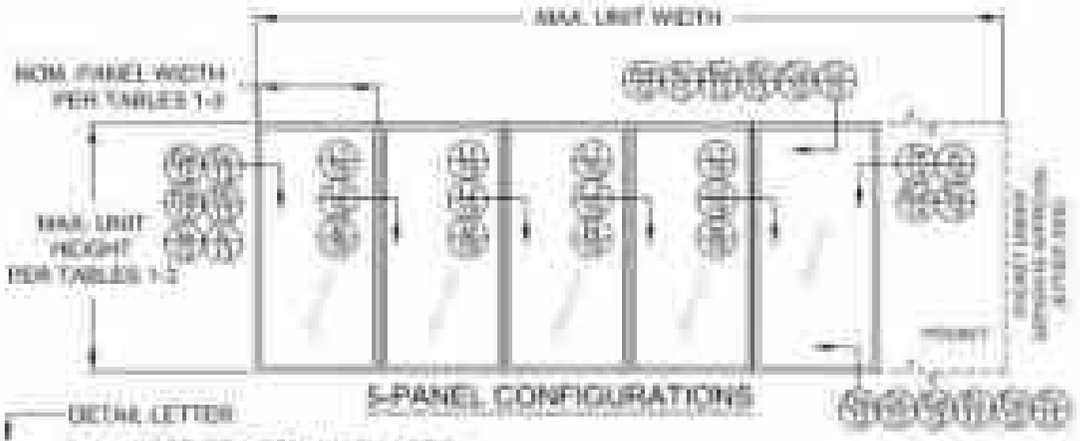
DLO WIDTH = NOM. PANEL WIDTH - 7"
PANEL HEIGHT = WINDOW UNIT HEIGHT - 1-7/8"
DLO HEIGHT = WINDOW UNIT HEIGHT - 10-1/8"
DLO HEIGHT = PANEL HEIGHT - 8-1/4"



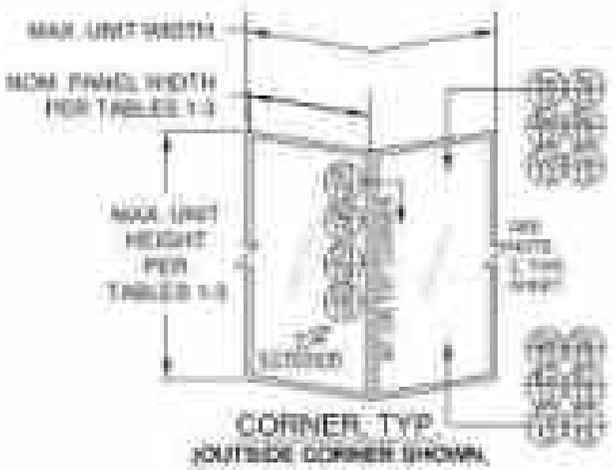
3-PANEL CONFIGURATIONS



4-PANEL CONFIGURATIONS



5-PANEL CONFIGURATIONS



CORNER, TYP.
(OUTSIDE CORNER SHOWN, INSIDE CORNER SIMILAR)

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

PRODUCT RENEWED
as complying with the Florida Building Code
Prod. No. [illegible]
Expiration Date: 02/12/2018
By [illegible]
Miami-Dade Product Control

REVISED CO. ADDRESS
JR - 12/18/24

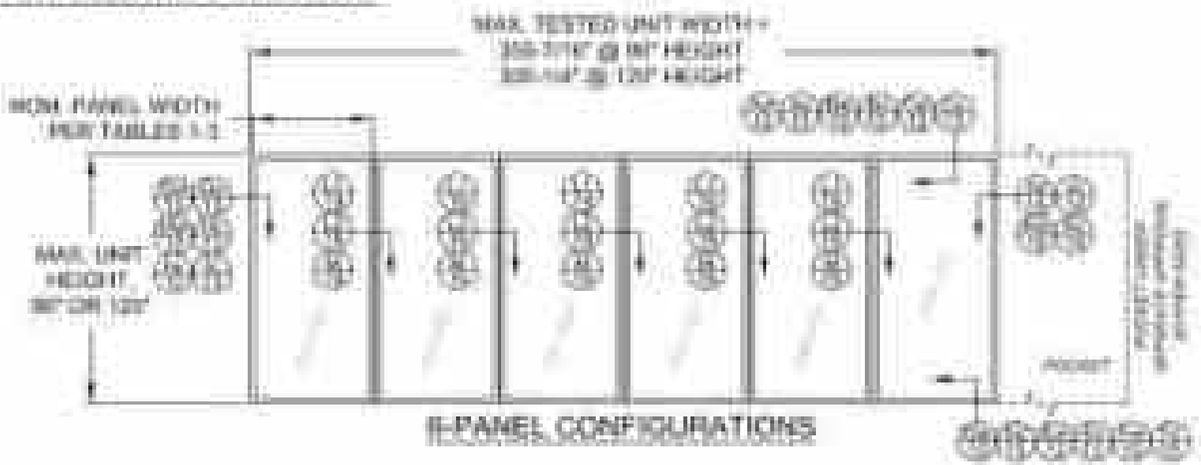
#	REVISION	DATE
1	REVISED PER MIAMI-DADE COMMENTS	11/18/24
2	ADDITIONAL REVISIONS	12/18/24

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NORTH VENICE, FL 34275
941-480-1600

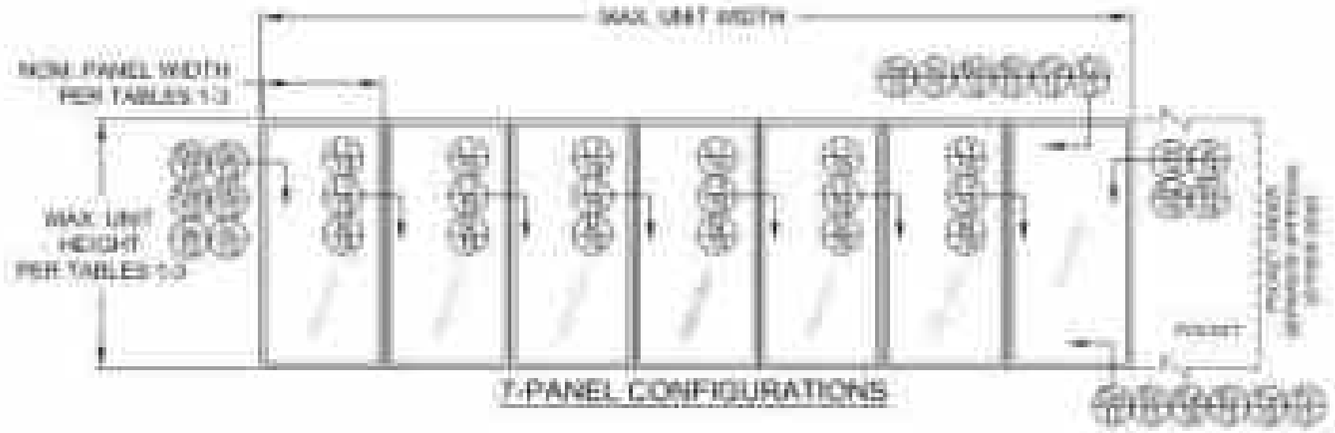
ALUMINUM SLIDING GLASS DOOR
EXAMPLE CONFIGURATIONS
SHEET NUMBER: 4 OF 11

[illegible] MILLER
LICENSE
No. [illegible]
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
[illegible] MILLER, P.E.
P.E. # [illegible]

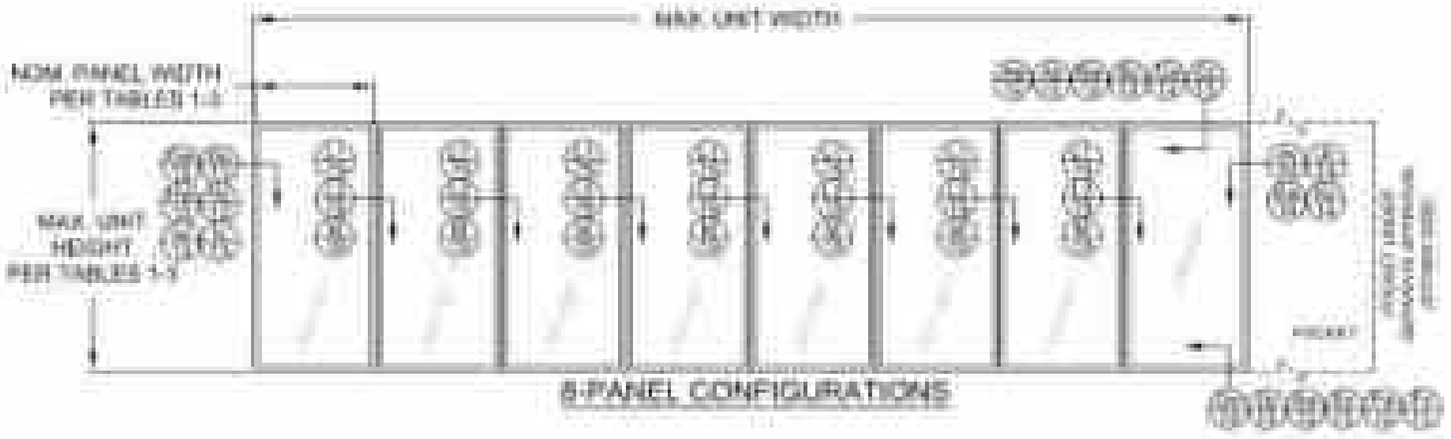
EXAMPLE CONFIGURATIONS



6-PANEL CONFIGURATIONS



7-PANEL CONFIGURATIONS



8-PANEL CONFIGURATIONS

CONFIGURATIONS NOTES:
1) ALL CONFIGURATIONS SHOWN ARE ALSO AVAILABLE AS POCKET CONFIGURATIONS AT EITHER OR BOTH JAMB LOCATIONS USING DETAIL "JW", "JC", "NW" OR "NC" INSTALLATION. EXAMPLE: 4-PANEL XXXX IN POCKET (p) CONFIGURATION CAN BE (pXXXX), pXXXX OR XXXXp. OXXX IN POCKET CONFIGURATION CAN BE (OXXX).

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

DETAIL LETTER
"W" = WOOD OR METAL INSTALLATION
"C" = CONCRETE INSTALLATION
SHEET NUMBER

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

PRODUCT RENEWED
as complying with the Florida Building Code
Miami-Dade Product Control

Revision	M
Miami-Dade Product Control Expiration Date: 02/12/2018	
Miami-Dade Product Control Approval Number: 13-1219.08	
Miami-Dade Product Control Approved Drawings	
Miami-Dade Product Control Approved Drawings	
Miami-Dade Product Control Approved Drawings	
ALUMINUM SLIDING GLASS DOOR	W-DH
EXAMPLE CONFIGURATIONS	SCOTT/W

REVISED CO. ADDRESS
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PGT



GLAZING DETAILS



GLASS TYPE 3



GLASS TYPE 3A



GLASS TYPE 3B



GLASS TYPE 3C



GLASS TYPE 3D



GLASS TYPE 3E



GLASS TYPE 4



GLASS TYPE 4A



GLASS TYPE 5



GLASS TYPE 5A



GLASS TYPE 5B



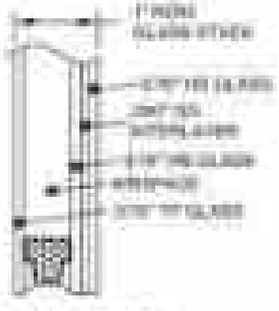
GLASS TYPE 5C



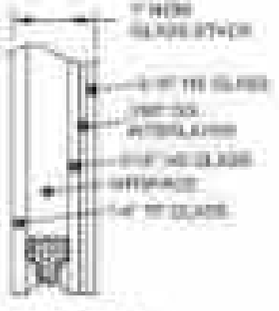
GLASS TYPE 5D



GLASS TYPE 5E



GLASS TYPE 6



GLASS TYPE 6A

HELO Product Type	Glass Option (Loaded Glass Criteria in Inches)
3	
3A	
3B	
3C	
3D	
3E	
4	
4A	
5	
5A	
5B	
5C	
5D	
5E	
6	
6A	
7	
7A	
8	
8A	

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

PRODUCT RENEWED
as complying with the Florida Building Code
RNA No. 24-1219.08
Expiration Date 02/12/2029
By
Miami-Dade Product Control

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JR - 12/18/24

1	12/18/24	REVISED CO. ADDRESS
0	09/11/24	PRODUCT RENEWAL

ALL PRODUCTS SHOWN ON THIS DRAWING ARE IN COMPLIANCE WITH THE FLORIDA BUILDING CODE

GLAZING DETAILS

SHEET NO. OF 22

IGT

INTERNATIONAL GLASS TECHNOLOGY

STATE OF FLORIDA
No. 83750
LICENSED
PROFESSIONAL ENGINEER

GLAZING DETAILS: CONT.



GLASS TYPE 7



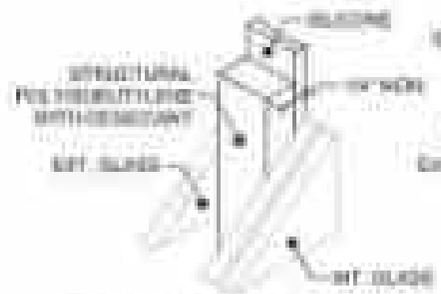
GLASS TYPE 7A



GLASS TYPE 8



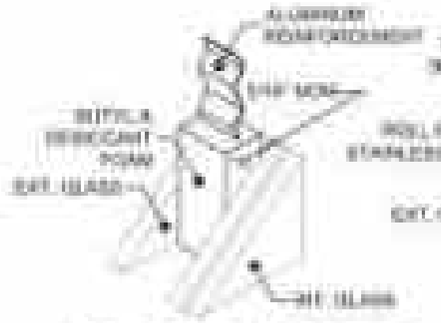
GLASS TYPE 8A



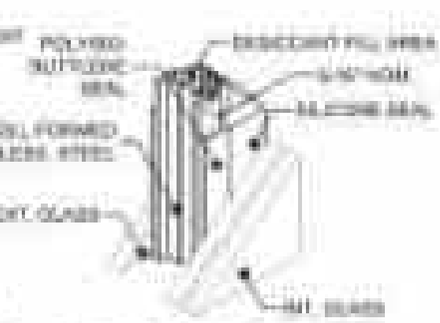
(13) KOOLSPACE +SQ TPS



(14) SUPER SPACER® NXT™



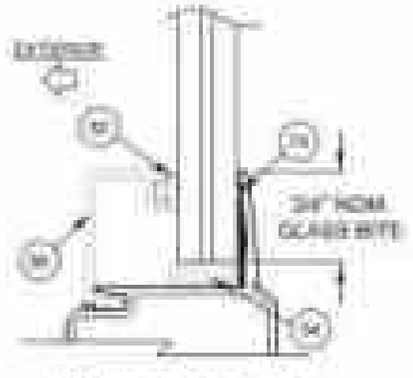
(12) DURASEAL® SPACER



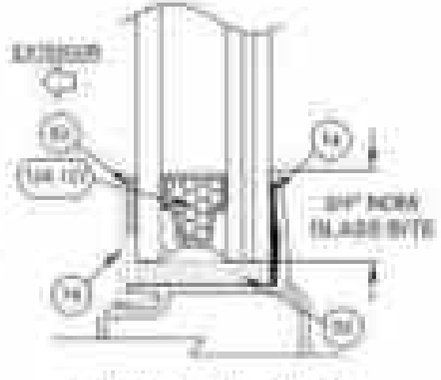
(15) XL EDGE™ SPACER

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

REFERENCE TEST REPORTS: FTC 8717 listed above



LAMI. GLAZING DETAIL



LAMI. III GLAZING DETAIL

PRODUCT RENEWED
as complying with the Florida Building Code
RNA No. 24-1219.08
Expiration Date 02/12/2029
By
Miami-Dade Product Control

REVISED CO. ADDRESS
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REVISION	DATE	BY
REVISION	01/19/2024	
ADD III		
EDITORIAL		

ALL IMPACT GLASS SPECIFICATIONS

GLAZING DETAILS

SHEET NO.

IGT



TABLE 1:

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

For corner exhaust 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 the (Class Types, 2667 PUSI 2, 5A, 5 & 5A, 2667 ZQ 7, 1A, 8 & 8A, and the Side/Astragal types shown below			Nominal Panel Width (in)	Window Unit Height (in)																							
				42" X (7/8" DLO)				48" (37-7/8" DLO)				60" (49-7/8" DLO)				72" (61-7/8" DLO)				90" (79-7/8" DLO)				99" (87-7/8" 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
24	17" DLO	Head/Sill		CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1
		Jamb		4	4	4	4	6	6	6	6	6	6	6	6	6	6	6	6	8	8	8	8	8	8	8	8
		P Hook		4+3	4+3	4+3	4+3	4+3	4+3	4+3	4+3	5+5	5+5	5+5	5+5	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		CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1
		Jamb		4	4	4	4	6	6	6	6	6	6	6	6	6	6	6	6	8	8	8	8	8	8	8	8
		P Hook		4+3	4+3	4+3	4+3	4+3	4+3	4+3	4+3	5+5	5+5	5+5	5+5	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8
48	36" DLO	Head/Sill		CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1	CA+1
		Jamb		4	4	4	4	6	6	6	6	6	6	6	6	6	6	6	6	8	8	8	8	8	8	8	8
		P Hook		4+3	4+3	4+3	4+3	4+3	4+3	4+3	4+3	5+5	5+5	5+5	5+5	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8
48	41" DLO	Head/Sill		CA+2	CA+2	CA+2	CA+2	CA+2	CA+2	CA+2	CA+2	CA+2	CA+2	CA+2	CA+2	CA+2	CA+2	CA+2	CA+2	CA+2	CA+2	CA+2	CA+2	CA+2	CA+2	CA+2	CA+2
		Jamb		4	4	4	4	6	6	6	6	6	6	6	6	6	6	6	6	8	8	8	8	10	8	8	8
		P Hook		4+3	4+3	4+3	4+3	4+3	4+3	4+3	4+3	5+5	5+5	5+5	5+5	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	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 45.67 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 UNGHANGED). 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 13-14 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 Nose Height (Flat or Bull-nose) (Sheet 17)	(+) Design Pressure (psf)
Flush - 1-1/2"	see note 2
Low - 2-1/2"	+ 45.67
Medium - 3-1/4"	+ 60.0
High - 4"	+ 60.0

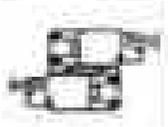
SEE NOTES 1-2



WHEN USED IN PASS THROUGH WINDOW APPLICATIONS A GAS LIFT OVERHANG IS REQUIRED PER THE CURRENT BUILDING CODE.

FOR STANDARD WINDOW APPLICATIONS, A SILL PAN 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 DRAWINGS AND SHEETS 18 & 19 FOR ASSEMBLY DETAILS

Interlock	A Hook	Lockstile @ Jamb	Straight Astragal Assembly	Lockstile @ Straight Astragal	30° 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
			Standard Astragal 		Outside Corner Inside Corner 	Outside Corner Inside Corner 	Outside Corner Inside Corner 	
Part #60 (x1)	Part #20	Part #62	Part #30 (Sills) Part #67 (Astragal)	Part #60	Part #61 (Stile) Part #218 (Corner Receiver)	Part #118 (Stile) Part #120 (Cap)	Part #61 (Stile) Parts #11 & #12 (Corner & Fall Mullion)	Part #61

DLO WIDTH =
ROM PANEL WIDTH - 7"

PANEL HEIGHT =
WINDOW UNIT HEIGHT - 5-7/8"

DLO HEIGHT =
WINDOW UNIT HEIGHT - 15-1/8"

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

PRODUCT RENEWED
as complying with the Florida Building Code
Risk No. 24-1219.08
Expiration Date 02/12/2029
By
Miami-Dade Product Control

REVISED CO. ADDRESS
JR - 12/18/24

H	REVISED	JR	12/18/24

ALUMINUM SLIDING GLASS WINDOW (LIMITED)

DP & ANCHORAGE

SCOTTDW

SHEET # OF 22

PGT

PGT INDUSTRIES
1070 TECHNOLOGY DRIVE
NORTH VENICE, FL 34275
941-480-1600



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TABLE 2:

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 2A)

Applies to Interlock/Glass Types: 200° P-VB-1, 8R, 9C, 10R-BAC, 120° PVB, 3D, 3E, 5D & 5E, 260° 3D2, 4, 4A, 6, 6A, 7, 7A, 8, 8A and the Slide/Astragal Types shown below

Nominal Panel Width (in)				Window Unit Height (in)																							
				42				48				60				72				80				90			
				31-7/8" O.L.O.				37-7/8" O.L.O.				49-7/8" O.L.O.				61-7/8" O.L.O.				69-7/8" O.L.O.				85-7/8" O.L.O.			
				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
24	17" O.L.O.	Head/Sill		2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	4A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	4A+1	2A+1	2A+1	2A+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" O.L.O.	Head/Sill		2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+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
42	35" O.L.O.	Head/Sill		2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+1	2A+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
48	41" O.L.O.	Head/Sill		2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2
		Jamb		4	4	4	4	6	6	6	6	8	8	8	8	8	8	8	8	8	8	8	8	10	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
54	47" O.L.O.	Head/Sill		2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2
		Jamb		4	4	4	4	6	6	6	6	8	8	8	8	8	8	8	8	8	8	8	8	10	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
60	52" O.L.O.	Head/Sill		2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2	2A+2
		Jamb		4	4	4	4	6	6	6	6	8	8	8	8	8	8	8	8	8	8	8	8	10	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

FOR EXAMPLE ON USING TABLE, SEE SHEET 6.

TABLE 2A:

Sill Height to Max. (+) DP
(Water Infiltration Rating)

Sill Riser Height (Flat or Rise, see Sheet 17)	(+) Design Pressure (psf
Flush - 1-1/2"	see note 3
Low - 3-1/2"	+ 46.57
Medium - 5-1/4"	+ 60.0
High - 8"	+ 60.0

SEE NOTES 1, 3



WHEN USED IN FREE 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.

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 46.57 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. NWA 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 15-18 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 19 & 20 FOR ASSEMBLY DETAILS.

Interlock	P-Hook	Jamb/Stile @ Jamb	Straight Astragal Assembly	Jamb/Stile @ Straight Astragal	90° Astragal Assembly	Jamb/Stile @ 90° Astragal	135° Astragal Assembly	Jamb/Stile @ 135° Astragal
Heavy duty Stile	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	Outside Corner  Inside Corner	
Part #62 (x2)	Part #x	Part #x	Part #62 (Stile) Part #67 (Astragal)	Part #x	Part #62 (Stile) Part #128 (Center Backer)	Part #x (1) (Qty.) Part #x (x)	Part #62 (Stile) Part's #33 & #42 (Conc. & Fat Mount)	Part #x

DLO WIDTH =
NOM. PANEL WIDTH - 3"

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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Expiration Date 02/12/2029
By [illegible]
Miami-Dade Product Control

REVISED CO. ADDRESS
JR - 12/16/24

ALL ALUMINUM SLIDING GLASS WINDOW	DP & ANCHORAGE	SCOTTDW	7 OF 22

IGT

Impact Glass Technologies, Inc.
[illegible]
Fax [illegible]

[illegible]
No. [illegible]
STATE OF FLORIDA

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 max Glass Types: 2007 SQ 4, 4A, 5, 5A, 7, 7A, 8 & 8A 2007 FVR 1, 3B, 3C, 5B & 5C and the Sidelite/Astragal types shown below.

Nominal Panel Width (in)			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
24	17" DLO	Head/Sill	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1
		Jamb	4	4	4	4	6	6	6	6	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
		P-Mask	4+3	4+3	4+3	4+3	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	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1	CH+1
		Jamb	4	4	4	4	6	6	6	6	8	8	8	8	8	8	8	8	10	8	8	8	12	10	8	8
		P-Mask	4+3	4+3	4+3	4+3	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	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2
		Jamb	4	4	4	4	6	6	6	6	8	8	8	8	8	8	8	8	10	8	8	8	12	10	8	8
		P-Mask	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	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	CH+2	See Note A below			
		Jamb	4	4	4	4	6	6	6	6	8	8	8	8	10	8	8	8	10	8	8	8	14	12	8	8
		P-Mask	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: ++80.0 PSF FOR GLASS TYPES 3B, 3C, 4, 4A, 5B, 5C, 8, 8A, 7A, 8 & 8A; +/-67.1 FOR GLASS TYPE 7

EXAMPLE ON SHEET 9

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 80.0 PSF MAX. WHEN USING THE 4" SILL, POSITIVE WATER DP IS 80.0 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 15-14 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 Rise Height (Plus or Minus, see Sheet 17)	(+) Design Pressure, psf
Flush - 1-1/2"	see note 3
Low - 2-1/2"	+46.67
Medium - 3-1/4"	+80.0
High - 4"	+80.0

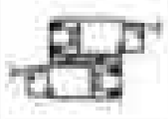
SEE NOTES 1,2)



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

Interlock	8-Mask	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 #62	Part #61 (Strike) Part #68 (Astragal)	Part #64	Part #61 (Strike) Part #118 (Corner Receiver)	Part #118 (Cut) Part #128 (Int.)	Part #61 (Strike) Parts #61 & #62 (Corn. & Part Mount)	Part #61

TILT WIDTH =
NOM. PANEL WIDTH - 7"

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

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

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

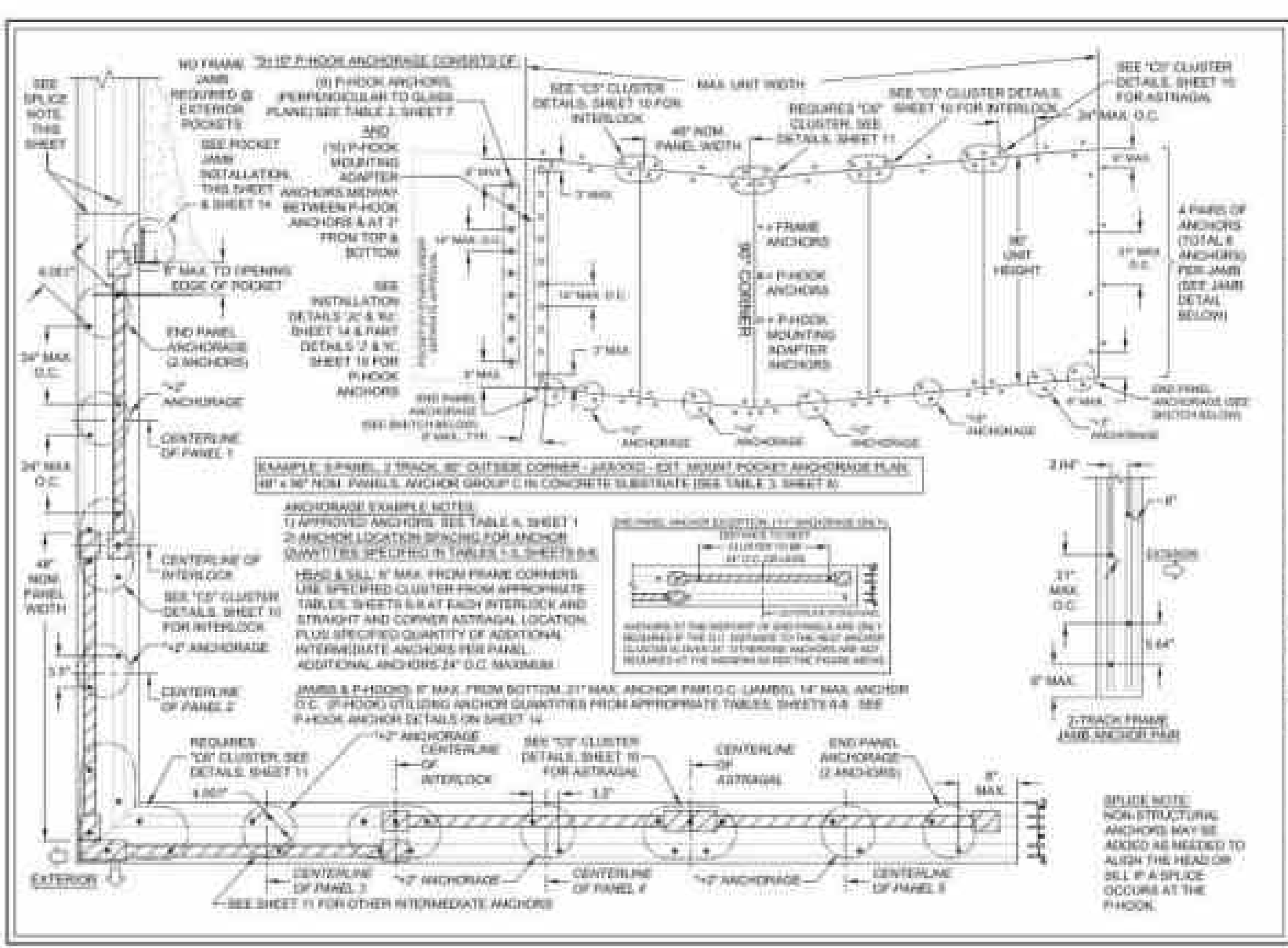
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as complying with the Florida Building Code
Miami-Dade No. 24-1219.08
Expiration Date 02/12/2029
By
Miami-Dade Product Control

REVISED CO. ADDRESS
JR - 12/18/24

4	05/15/24	REVISED PER MDPC COMMENTS	PCH
3	03/11/24	REVISED PER MDPC COMMENTS	PCH
2	02/13/24	REVISED PER MDPC COMMENTS	PCH
1	01/18/24	REVISED PER MDPC COMMENTS	PCH

IGT
ALUMINUM SLIDING GLASS WINDOWS
DP & ANCHORAGE
SCOTTDW





PRODUCT RENEWED
as complying with the Florida Building Code
NOA No. 21-1213.08
Expiration Date: 10/13/2026
By: [redacted]
Miami-Dade Product Control

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JR - 12/16/24

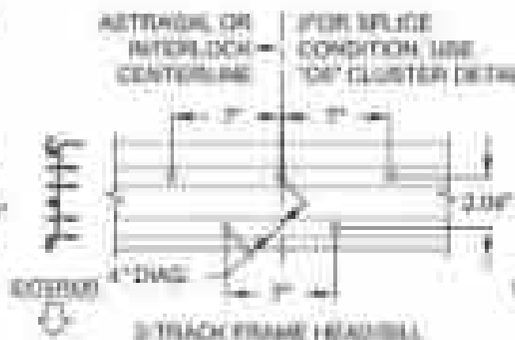
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G	REVISED PER MIAMI-DADE COMMENTS	08/11/2022	
F	REVISED PER MIAMI-DADE COMMENTS	04/11/2022	
E	REVISED PER MIAMI-DADE COMMENTS	02/11/2022	
D	REVISED PER MIAMI-DADE COMMENTS	12/10/2021	
C	REVISED PER MIAMI-DADE COMMENTS	10/11/2021	
B	REVISED PER MIAMI-DADE COMMENTS	08/11/2021	
A	ORIGINAL RELEASE	06/11/2021	

PGT
ALUMINUM SLIDING GLASS WINDOWS
EXAMPLE SPACING & EXAMPLE
SHEET 12 OF 22
BOTTOM

NOTICE OF LICENSURE
No. 61701
STATE OF FLORIDA
PROFESSIONAL ENGINEER



2-TRACK FRAME HEAD/SILL @ ASTRAGAL OR INTERLOCK (USE WHERE 4 CLUSTER ANCHORS ARE REQUIRED: "C4")



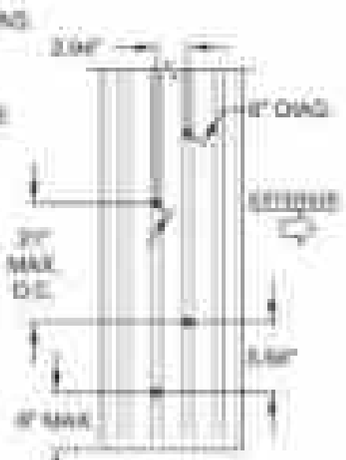
3-TRACK FRAME HEAD/SILL @ ASTRAGAL OR INTERLOCK (USE WHERE 5 CLUSTER ANCHORS ARE REQUIRED: "C5")



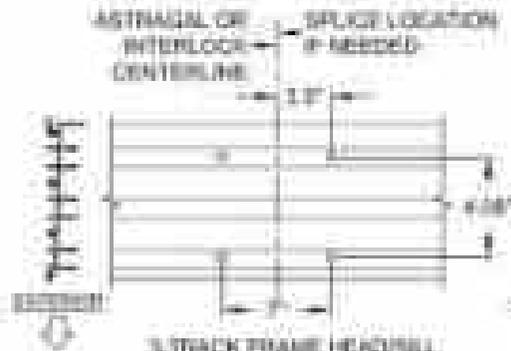
2-TRACK FRAME HEAD/SILL @ ASTRAGAL OR INTERLOCK (USE WHERE 6 CLUSTER ANCHORS ARE REQUIRED: "C6")



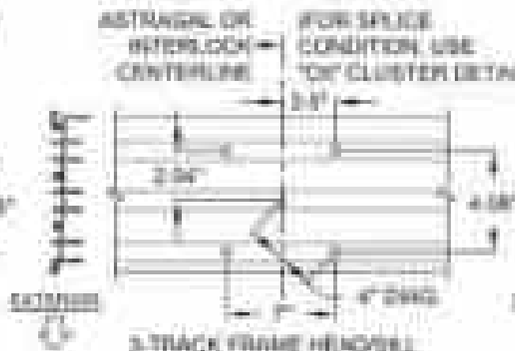
2-TRACK FRAME JAMB ANCHOR PAIR



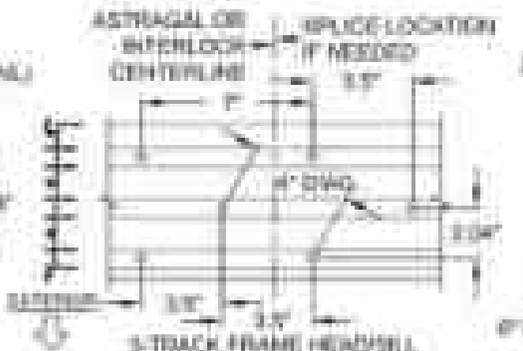
4-TRACK FRAME JAMB ANCHOR PAIR



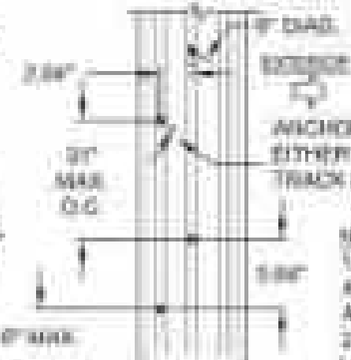
3-TRACK FRAME HEAD/SILL @ ASTRAGAL OR INTERLOCK (USE WHERE 4 CLUSTER ANCHORS ARE REQUIRED: "C4")



3-TRACK FRAME HEAD/SILL @ ASTRAGAL OR INTERLOCK (USE WHERE 5 CLUSTER ANCHORS ARE REQUIRED: "C5")

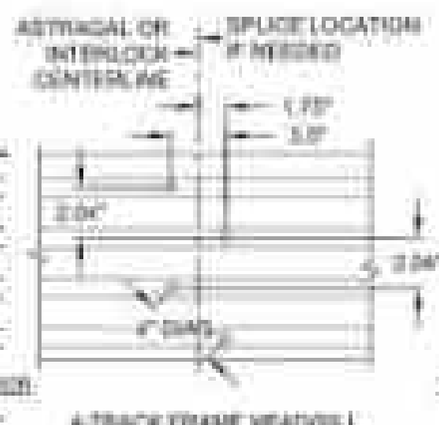


3-TRACK FRAME HEAD/SILL @ ASTRAGAL OR INTERLOCK (USE WHERE 6 CLUSTER ANCHORS ARE REQUIRED: "C6")

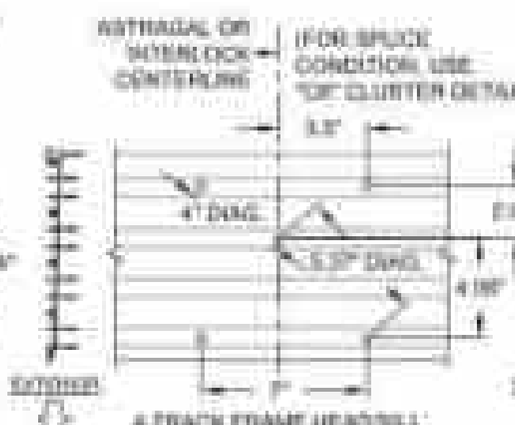


3-TRACK FRAME JAMB ANCHOR PAIR

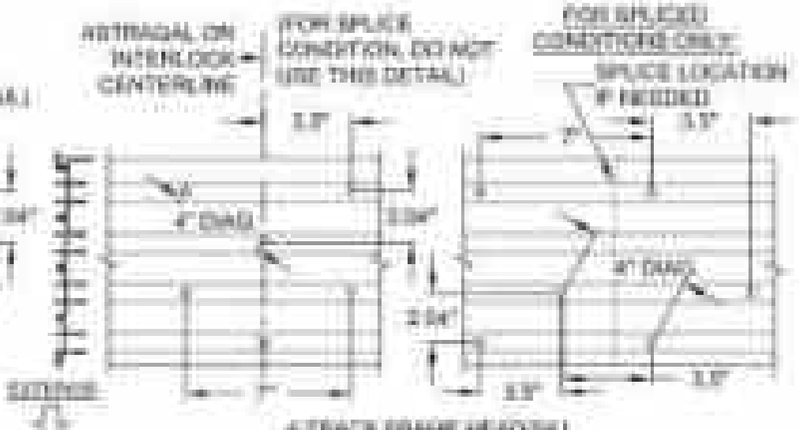
NOTES:
1. ALL DIMENSIONS SHOWN ARE BASED ON MIN ALLOWED
2. FOR HEAD OR SILL SPLICE LOCATIONS/ANCHORAGE AT P-MARK SEE SHEET 9



4-TRACK FRAME HEAD/SILL @ ASTRAGAL OR INTERLOCK (USE WHERE 4 CLUSTER ANCHORS ARE REQUIRED: "C4")



4-TRACK FRAME HEAD/SILL @ ASTRAGAL OR INTERLOCK (USE WHERE 5 CLUSTER ANCHORS ARE REQUIRED: "C5")



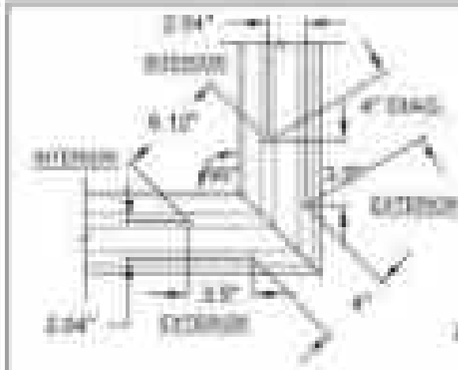
4-TRACK FRAME HEAD/SILL @ ASTRAGAL OR INTERLOCK (USE WHERE 6 CLUSTER ANCHORS ARE REQUIRED: "C6") WITH & WITHOUT SPLICE CONDITION

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Expiration Date 02/12/2029
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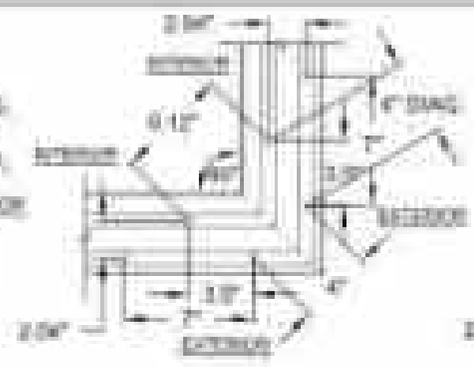
REVISED CO. ADDRESS
JR - 12/18/24

#	REVISION	DATE
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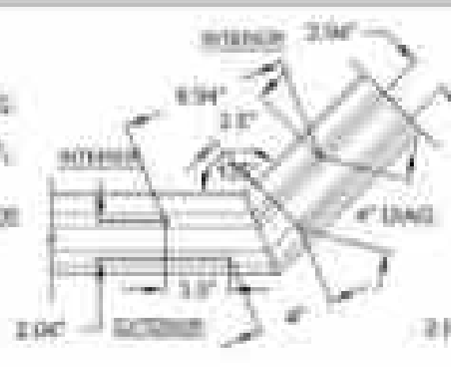
PGT



90° CORNER
2-TRACK FRAME HEADSILL
(USE WHERE 4 CLUSTER
ANCHORS ARE REQUIRED: "C4")



90° CORNER
2-TRACK FRAME HEADSILL
(USE WHERE 3 OR 6 CLUSTER
ANCHORS ARE REQUIRED: "C3")



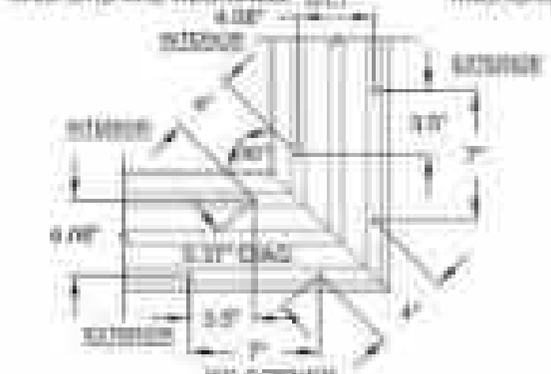
135° CORNER
2-TRACK FRAME HEADSILL
(USE WHERE 4 CLUSTER
ANCHORS ARE REQUIRED: "C4")



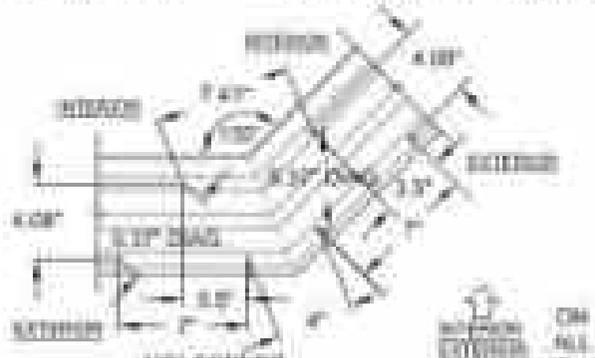
135° CORNER
2-TRACK FRAME HEADSILL
(USE WHERE 6 OR 9 CLUSTER
ANCHORS ARE REQUIRED: "C6")







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



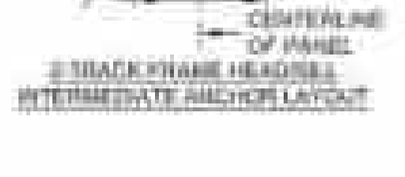
135° CORNER
3-TRACK FRAME HEADSILL
("C6" ANCHOR CLUSTER REQUIRED
AT ALL 3-TRACK CORNERS)





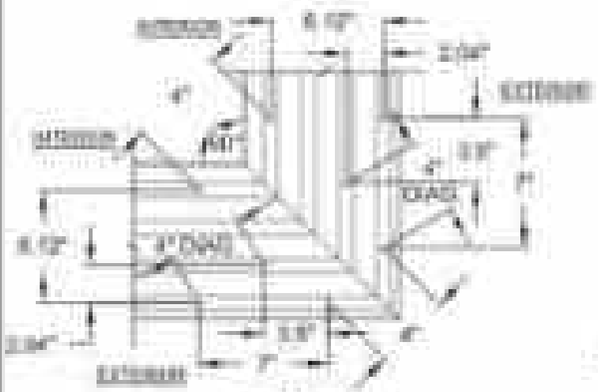


4-TRACK FRAME HEADSILL
INTERMEDIATE ANCHOR LAYOUT
(3-TRACK SIMILAR)

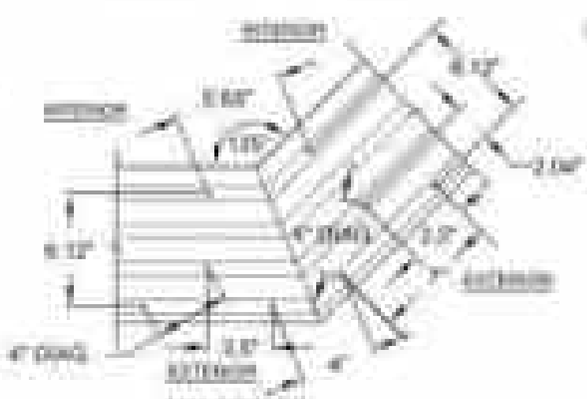




2-TRACK FRAME HEADSILL
INTERMEDIATE ANCHOR LAYOUT



90° CORNER
4-TRACK FRAME HEADSILL
("C6" ANCHOR CLUSTER REQUIRED
AT ALL 4-TRACK CORNERS)



135° CORNER
4-TRACK FRAME HEADSILL
("C6" ANCHOR CLUSTER REQUIRED
AT ALL 4-TRACK CORNERS)

4-TRACK FRAME HEADSILL
INTERMEDIATE ANCHOR LAYOUT
(3-TRACK SIMILAR)

ON
ALL
VIEWS

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.

PRODUCT RENEWED
in complying with the Florida Building Code
RNA No. 24-1219.08
Expiration Date 10/12/2029
By
Miami-Dade Product Control

REVISED CO. ADDRESS
JR - 12/18/24

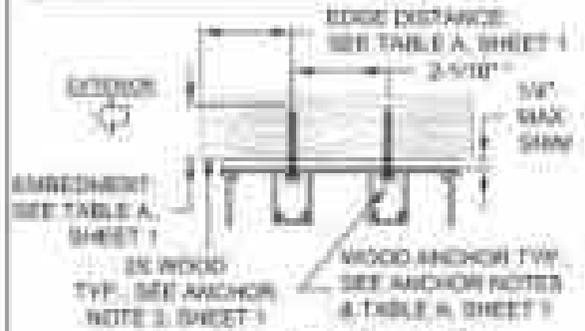
4	4/24/2025	REVISIONS PER ENGINEER
3	1/31/2025	ADDED
2		
1	12/18/2024	ADDED

ALUMINUM SLIDING GLASS WINDOW (LW)
ANCHORAGE - CLUSTERS
SCOTTDW
11 OF 11

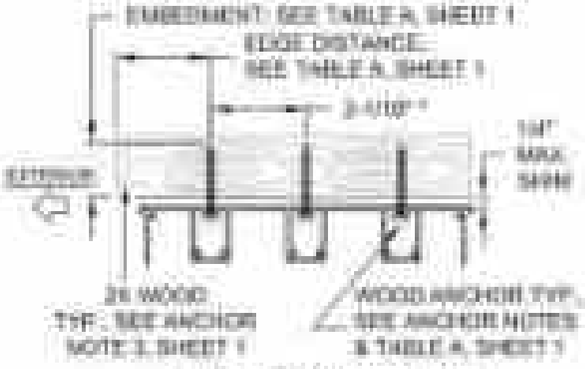
PGT
1070 Technology Drive
North Venice, FL 34275
(941) 480-1600
www.pgtinnovations.com



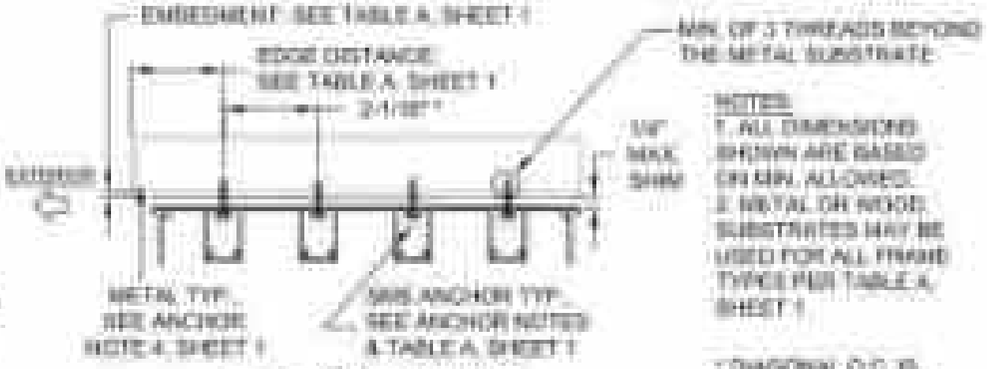
INSTALLATION DETAILS



2-TRACK FRAME HEAD WOOD INSTALLATION



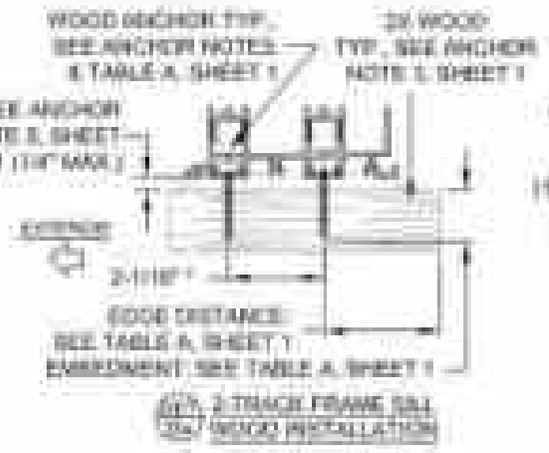
3-TRACK FRAME HEAD WOOD INSTALLATION



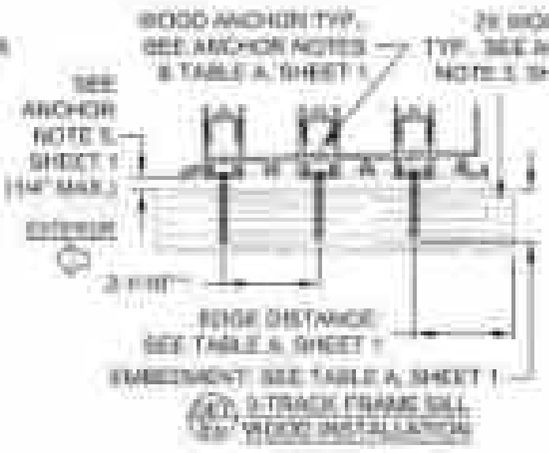
4-TRACK FRAME HEAD METAL INSTALLATION

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

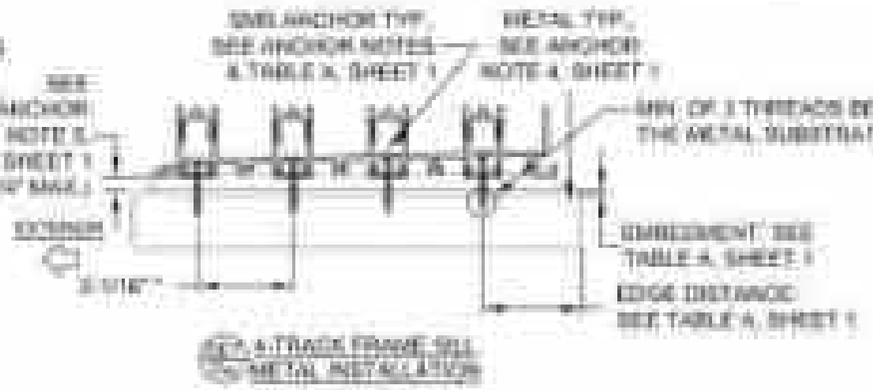
* DIAGONAL O.C. IS MIN 4" (HEAD & SILL) OR 6" (JAMB); SEE DETAILS, SHEETS 10 & 11.



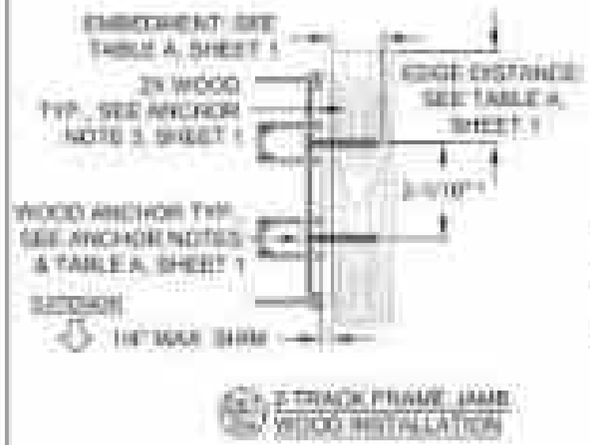
2-TRACK FRAME SILL WOOD INSTALLATION



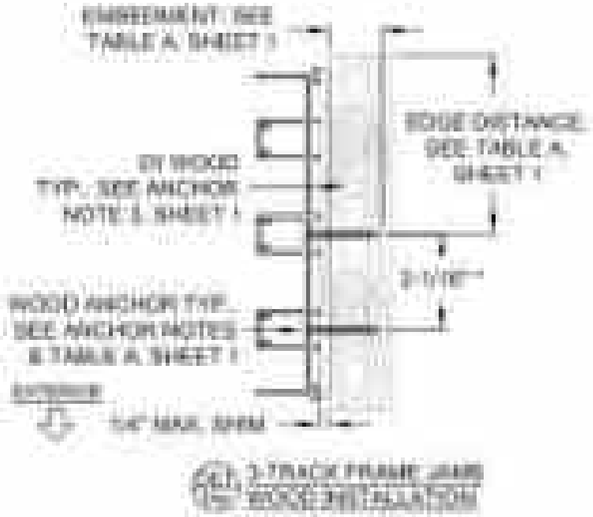
3-TRACK FRAME SILL WOOD INSTALLATION



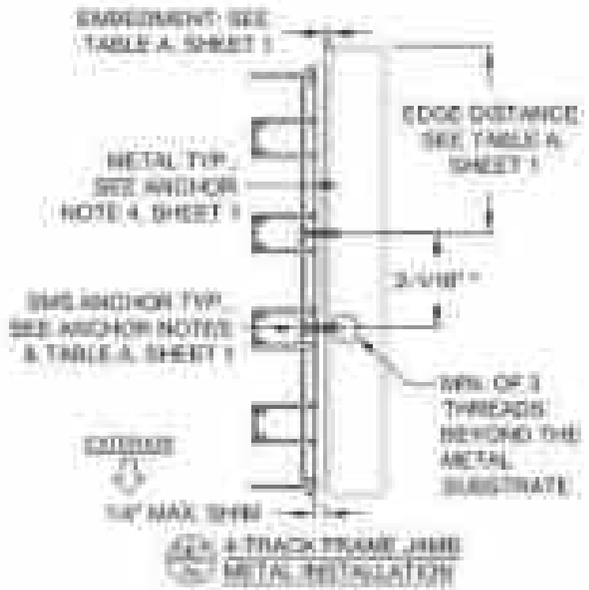
4-TRACK FRAME SILL METAL INSTALLATION



2-TRACK FRAME JAMB WOOD INSTALLATION



3-TRACK FRAME JAMB WOOD INSTALLATION



4-TRACK FRAME JAMB METAL INSTALLATION

PRODUCT RENEWED
in complying with the Florida Building Code
Mstr. No. 24-1219.08
Expiration Date 02/12/2029
By
Miami-Dade Product Control

REVISED CO. ADDRESS
JR - 12/18/24

4	12/18/24	JR	ADDRESS
3	10/7/24	SF	ENGINEER SEAL
2	8/9/24	SF	ENGINEER SEAL
1	6/28/24	SF	ADDRESS

IGT

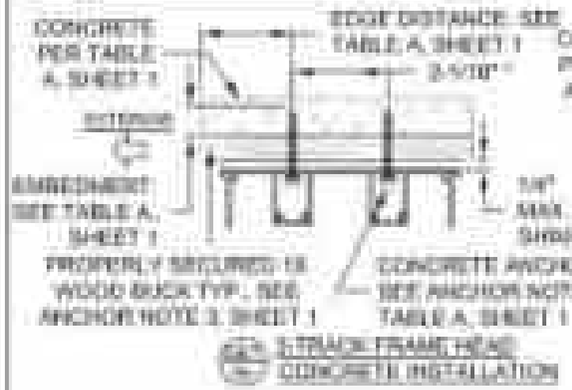
ALUMINUM SLIDING DOOR SYSTEM WITH SCREEN

INSTALLATION DETAILS

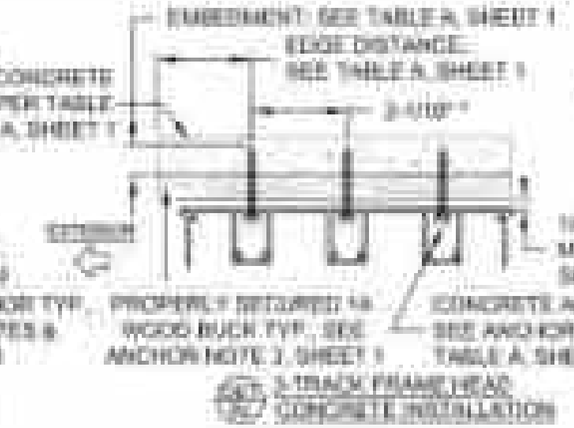
ENGINEER SEAL

ARCHITECT SEAL

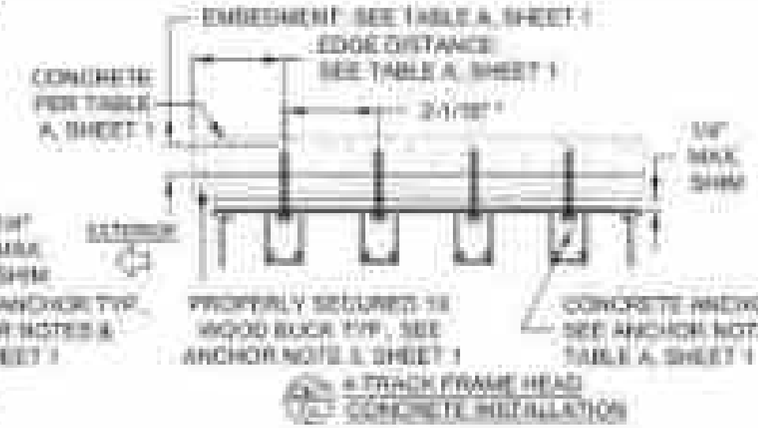
INSTALLATION DETAILS



2-TRACK FRAME HEAD CONCRETE INSTALLATION



3-TRACK FRAME HEAD CONCRETE INSTALLATION

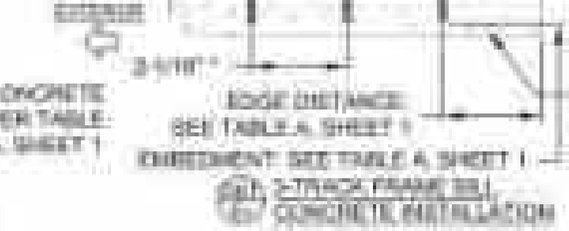


4-TRACK FRAME HEAD CONCRETE INSTALLATION

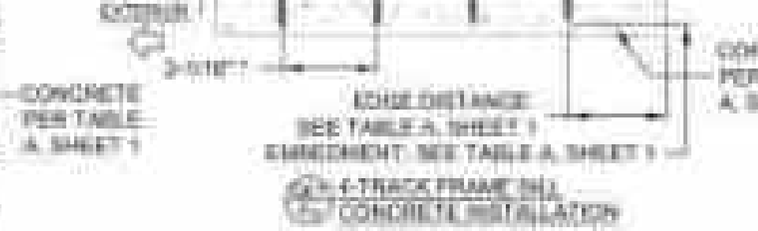
NOTES:
1. ALL DIMENSIONS SHOWN ARE BASED ON MIN. ALLOWED.
* DIAGONAL O.C. IS MIN 4" (HEAD & SILL) OR 6" (JAMB) SEE DETAILS, SHEETS 10 & 11.



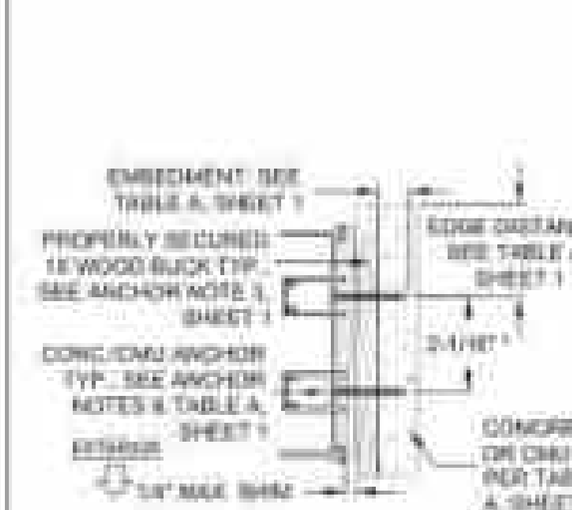
2-TRACK FRAME SILL CONCRETE INSTALLATION



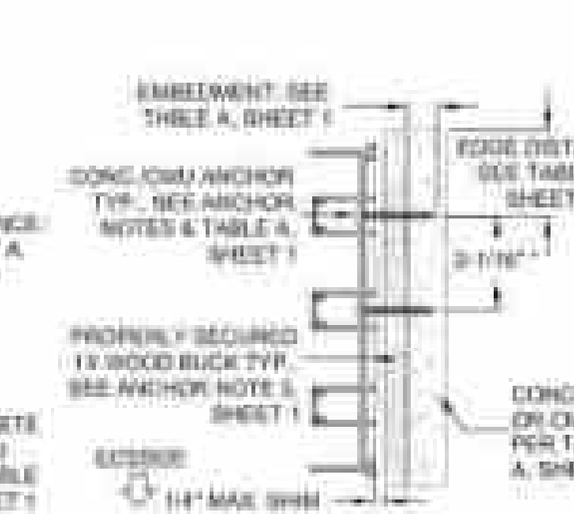
3-TRACK FRAME SILL CONCRETE INSTALLATION



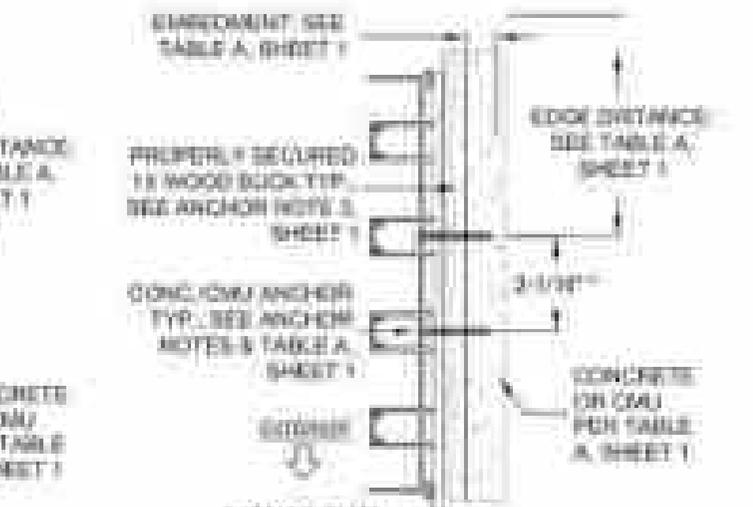
4-TRACK FRAME SILL CONCRETE INSTALLATION



3-TRACK FRAME JAMB CONCRETE/CMU INSTALLATION



3-TRACK FRAME JAMB CONCRETE/CMU INSTALLATION



4-TRACK FRAME JAMB CONCRETE/CMU INSTALLATION

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as complying with the Florida Building Code
RNA No. 24-1219.08
Expiration Date 02/12/2029
By
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JR - 12/18/24

IPCT

ALUMINUM SLIDING DOORS WITH ARCHITECTURAL GRADE GLASS

DETAILS

SHEET NO. 9

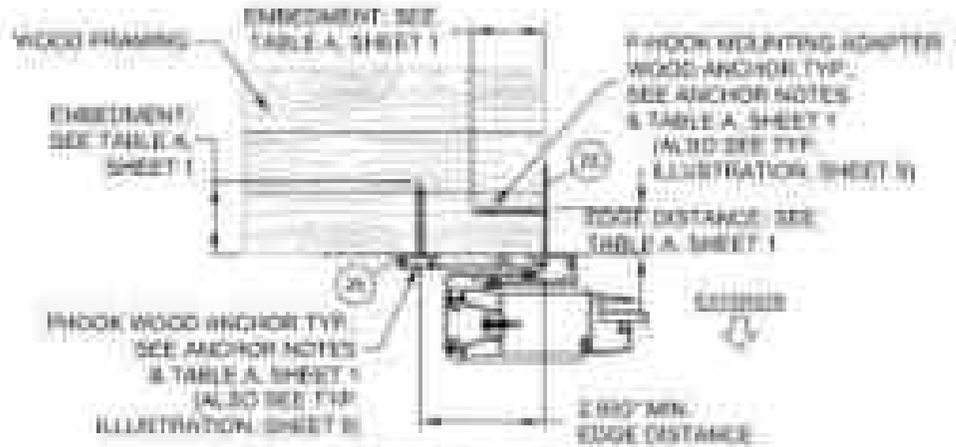
ADDITION

REVISIONS

H

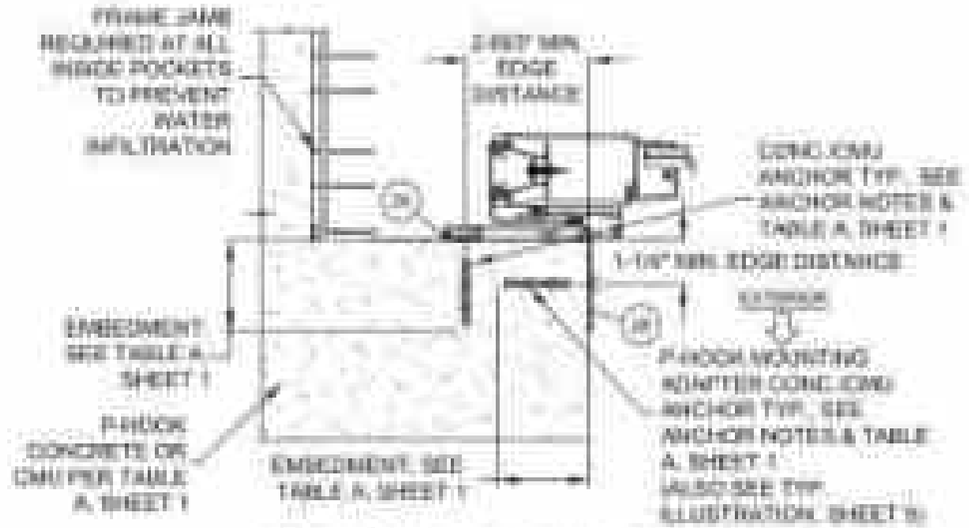


INSTALLATION DETAILS



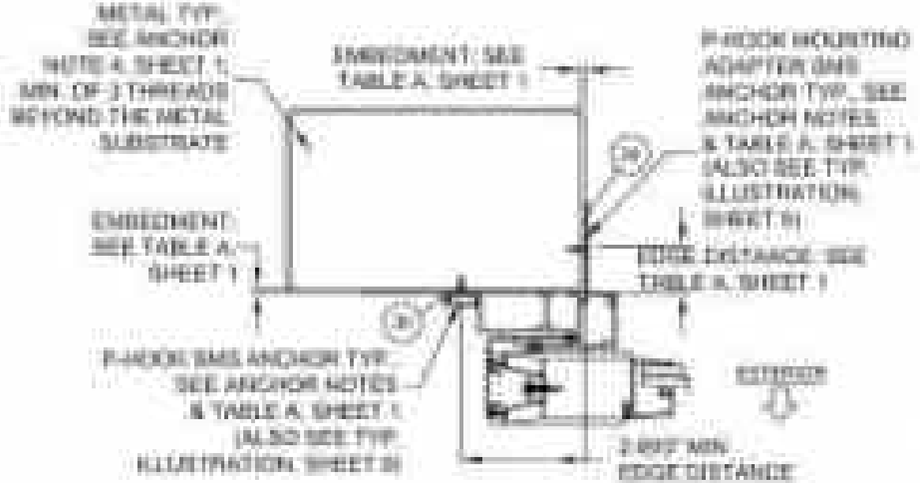
P-HOOK FOR USE WITH FLAT SILL RISERS
PARTS #18, #20, #22 OR #26.
WOOD INSTALLATION
(SEE TABLES 1A, 2A & 3A FOR WATER RATINGS)

EXTERIOR MOUNT SHOWN, MAY ALSO BE INSTALLED IN INTERIOR CONDITION



P-HOOK FOR USE WITH ANY SILL RISER
PARTS #18, #20, #22 OR #26.
CONCRETE/CMU INSTALLATION
(SEE TABLES 1A, 2A & 3A FOR WATER RATINGS)

INTERIOR MOUNT SHOWN, MAY ALSO BE INSTALLED IN EXTERIOR CONDITION



P-HOOK FOR USE WITH #22A SILL RISERS
PARTS #18, #21, #22 OR #25.
METAL INSTALLATION
(SEE TABLES 1A, 2A & 3A FOR WATER RATINGS)

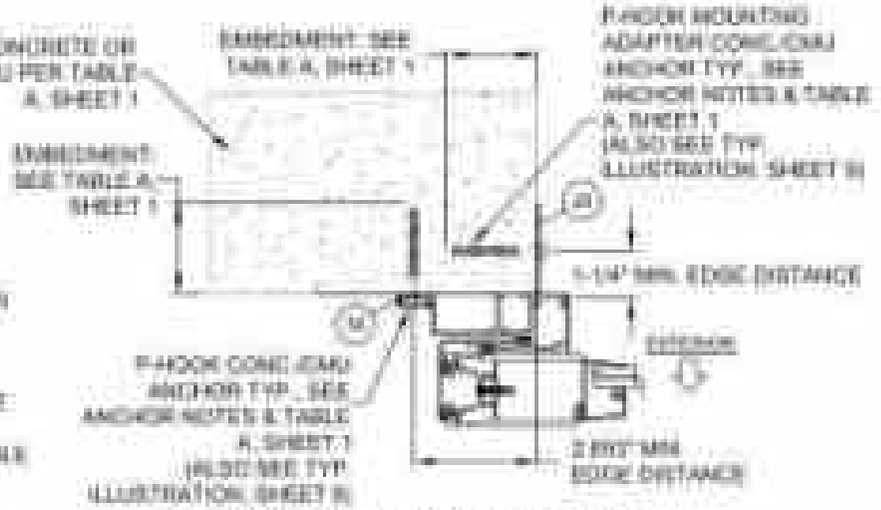
EXTERIOR MOUNT ONLY

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 TABLE 1-3, SHEETS 6-8 FOR REQUIRED P-HOOK AND P-HOOK MOUNTING ADAPTER ANCHOR QUANTITIES. ALSO SEE EXAMPLE ON SHEET 9



P-HOOK FOR USE WITH #22A SILL RISERS
PARTS #18, #21, #22 OR #25.
CONCRETE INSTALLATION
(SEE TABLES 1A, 2A & 3A FOR WATER RATINGS)

EXTERIOR MOUNT ONLY

PRODUCT RENEWED
as complying with the Florida Building Code
RNA No. 24-1219.08
Expiration Date 02/12/2029
By
Miami-Dade Product Control

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JR - 12/18/24

1	12/18/24	REVISED CO. ADDRESS

PGT
PGT INDUSTRIES
1070 TECHNOLOGY DRIVE
NORTH VENICE, FL 34275
(941) 480-1600

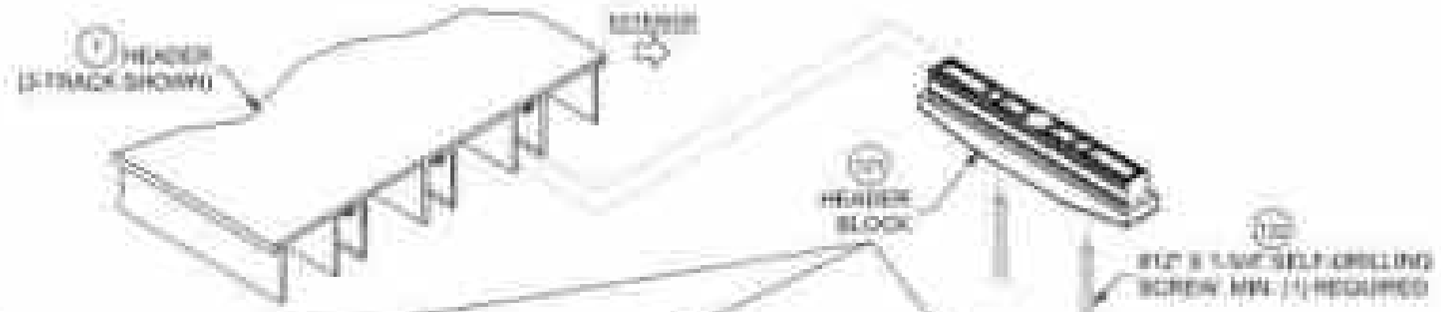
ALUMINUM IMPACT SLIDING GLASS DOOR SYSTEM
INSTALLATION DETAILS

DRAWING SHEET
DATE: 12/18/24
SCALE: 1" = 1'-0"
DRAWN BY: MW
CHECKED BY: MW
SHEET NO. 4 OF 11

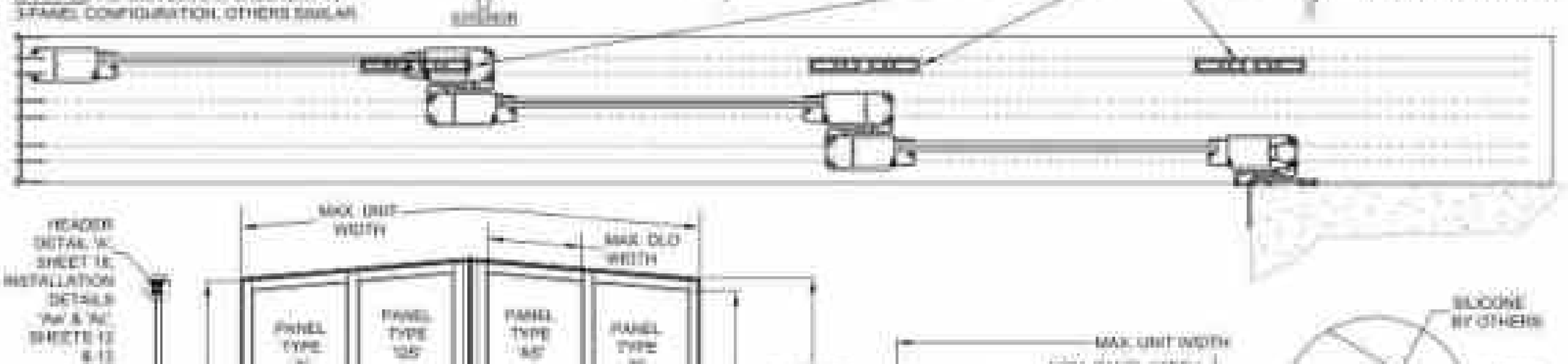
STATE OF FLORIDA
LICENSED
No. 61759
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

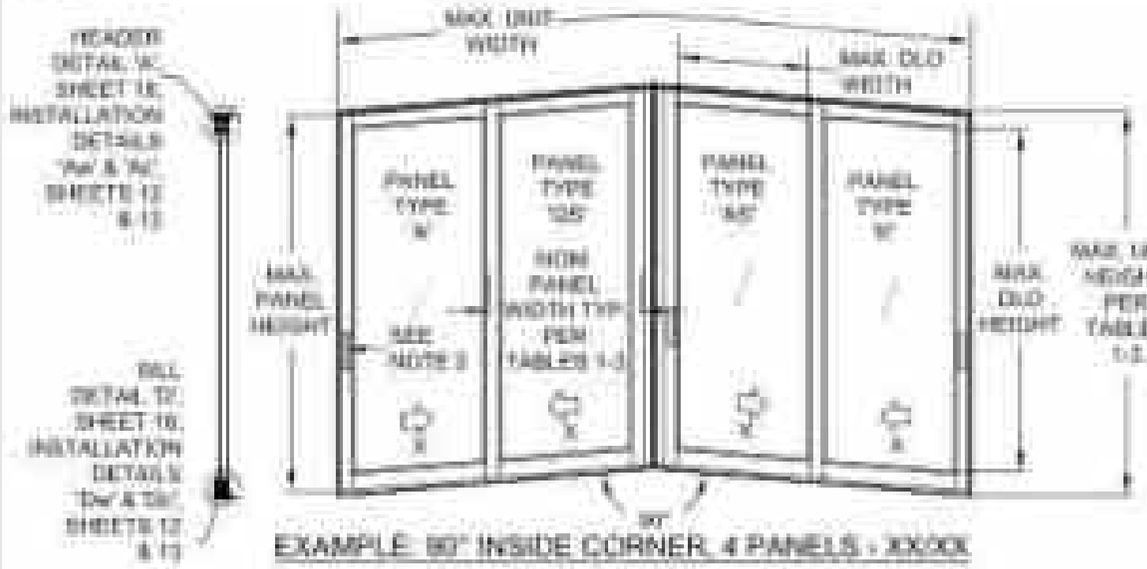
HEADER BLOCK TO HEADER ATTACHMENT

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.

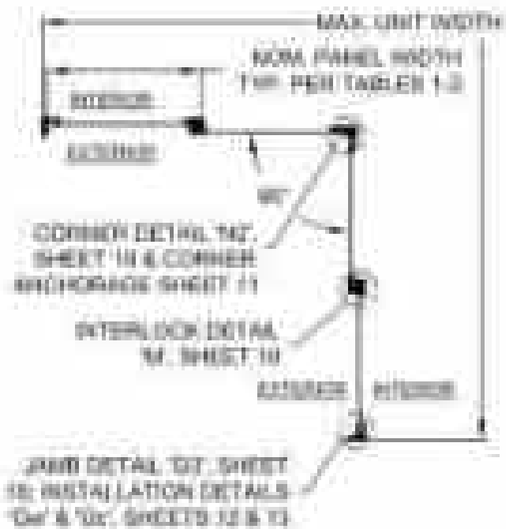


EXAMPLE: HEADER BLOCK PLACEMENT IN 3-PANEL CONFIGURATION. OTHERS SIMILAR

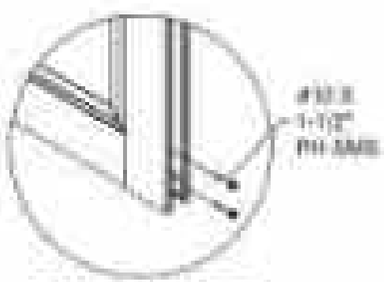




EXAMPLE: 90° INSIDE CORNER, 4 PANELS - XX/XX







NOTES:

1) SEE SHEET 17 FOR INDIVIDUAL PANEL CONFIGURATIONS AS APPLICABLE. SEE DP/ANCHOR TABLES, SHEETS 5-6 FOR MAX. PANEL HEIGHT AND WIDTH. SEE SHEETS 18 & 19 FOR SECTION DETAILS AND SHEETS 12-14 FOR INSTALLATION DETAILS.

2) (1) LOCK (ITEMS 78 & 107-115) AT EACH LOCKSTILE, LOCKING INTO KEEPER (ITEM 103) AT PRIME JAMB OR ASTRAGAL.

3) PLEASE SEE APPLICABLE ASTRAGAL & INTERLOCK COMBINATIONS PER DP/ANCHOR TABLES.

O.I.D. WIDTH = NOM. PANEL WIDTH - 7"
O.I.D. HEIGHT = WINDOW UNIT HEIGHT - 10 1/2"
PANEL HEIGHT = WINDOW UNIT HEIGHT - 1.969"

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NO.	REVISION	DATE
1	REVISED PER DADE COMMENTS	08/11/2024
2		
3		
4		

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ALUMINUM SLIDING GLASS DOOR

EXAMPLE ELEVATION

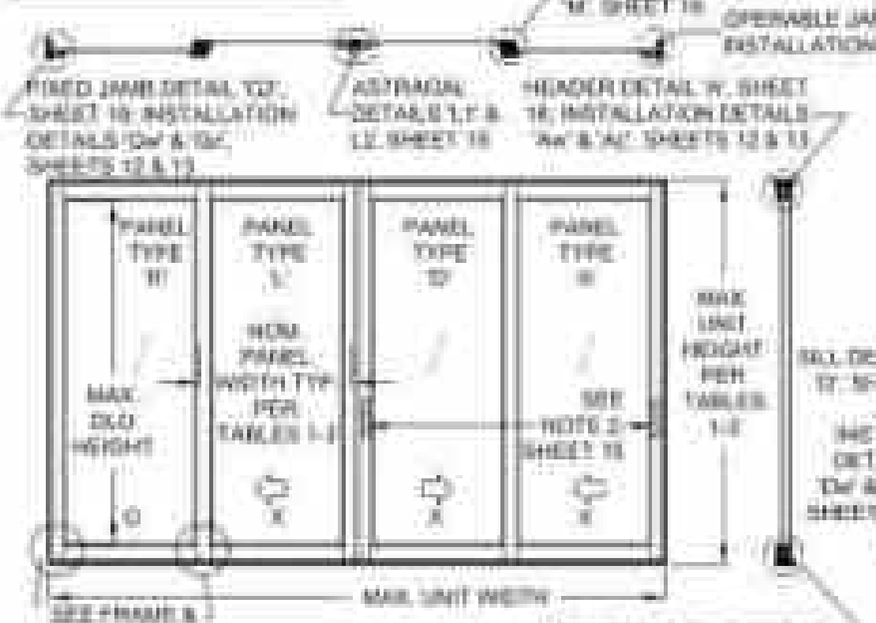
SCOTTSVILLE

16 OF 22

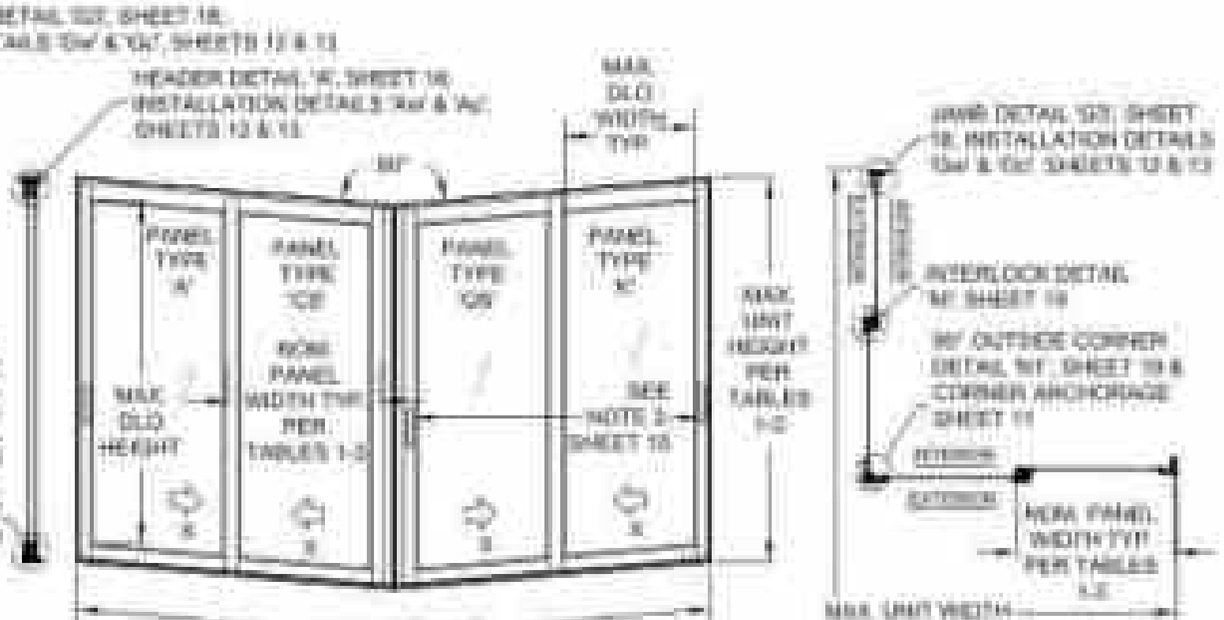
ALLISON MILLER
LICENSE
No. 80709
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
ALLISON MILLER, P.E.
P.E. # 80709

CONFIG. EXAMPLES

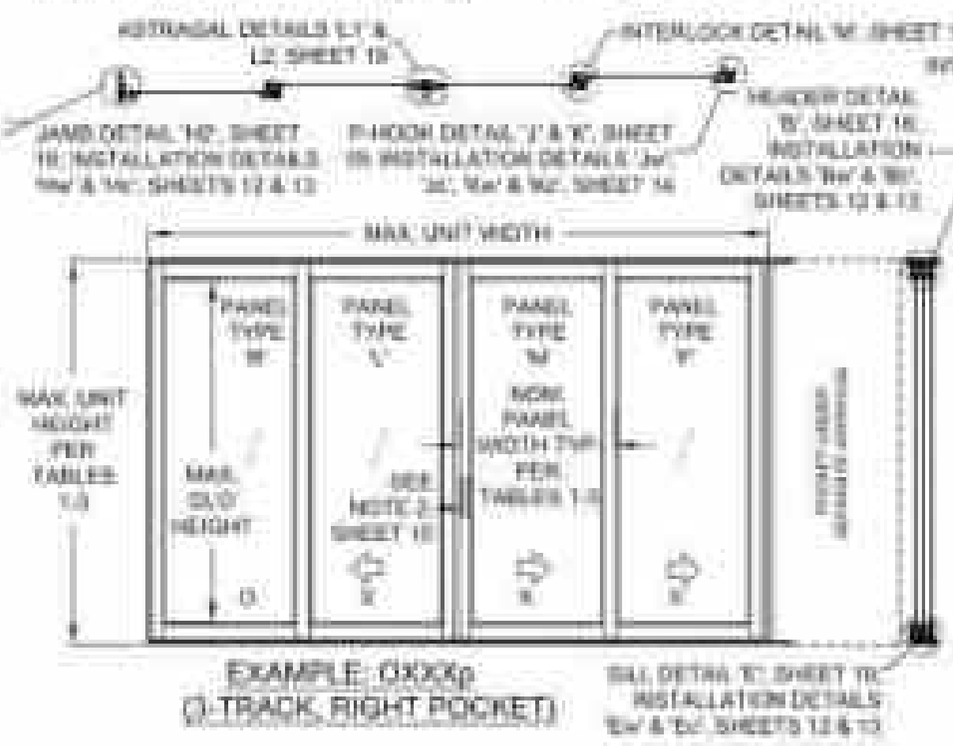
(FOR ALL DETAILS ON THIS SHEET, SEE NOTES ON SHEET 15)



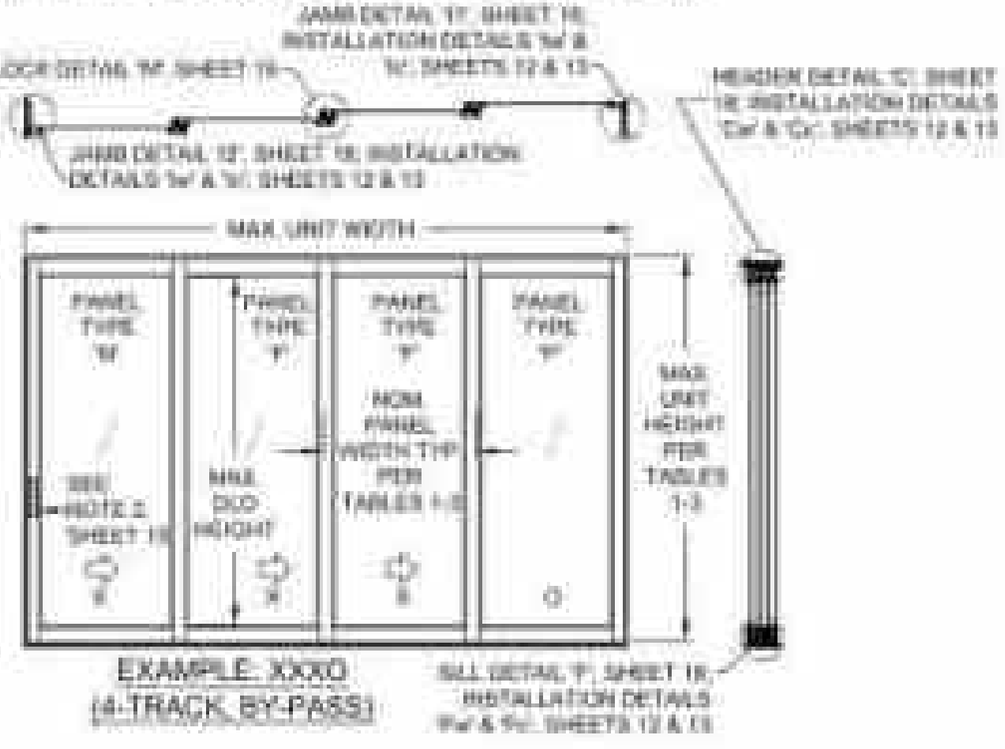
EXAMPLE: OXXX
(2-TRACK)



EXAMPLE: 90° OUTSIDE CORNER - XX/XX (2-TRACK)



EXAMPLE: OXXXp
(3-TRACK, RIGHT POCKET)



EXAMPLE: XXXO
(4-TRACK, BY-PASS)

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H	REVISED PER MIAMI-DADE COMMENTS	12/18/24
G	REVISED PER MIAMI-DADE COMMENTS	09/11/24
F	REVISED PER MIAMI-DADE COMMENTS	07/22/24
E	REVISED PER MIAMI-DADE COMMENTS	06/17/24

ALUMINUM SLIDING GLASS WINDWALL SYSTEM
EXAMPLE ELEVATIONS
SERIES 1000

PGT



PANEL TYPES

PANEL'S RIGHT STILE TYPE

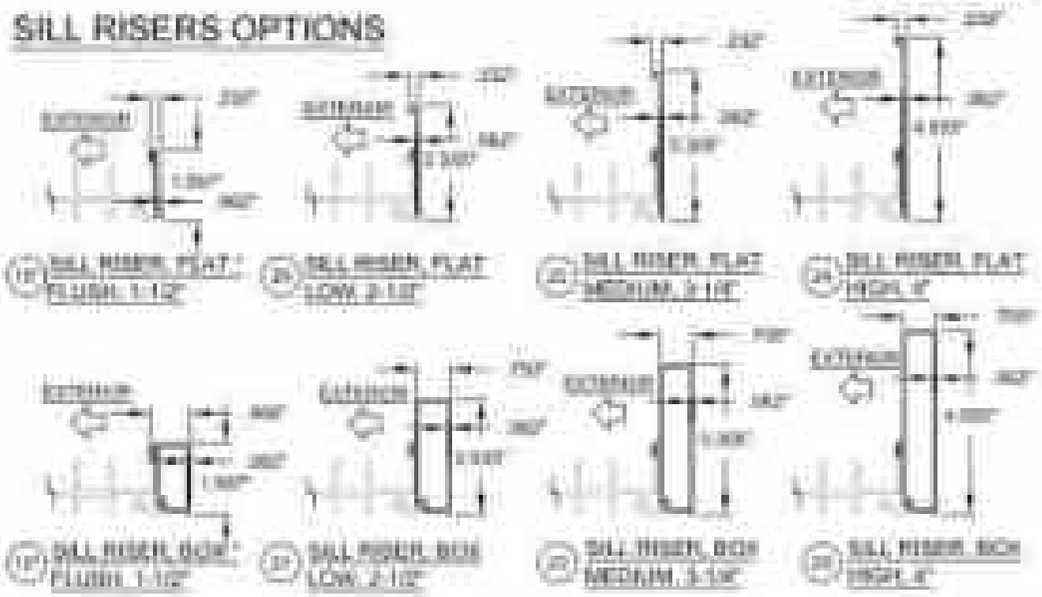
PANEL'S LEFT STILE TYPE	SINGLE INTERLOCK OUT	SINGLE INTERLOCK IN	FIXED STILE	LOCKSTILE W/ HANDLE	ASTRAGAL SLIDE OUT	ASTRAGAL SLIDE IN	ASTRAGAL BOX OUT W/ HANDLE	ASTRAGAL BOX IN W/ HANDLE	INT CORNER W/ LOCKSTILE W/ HANDLE	EXT CORNER W/ LOCKSTILE W/ HANDLE	EXT CORNER W/ RECEIVER W/ HANDLE	INT CORNER W/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



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

PANEL NOTES:
1. SEE DP TABLES 1-1, SHEETS 5-4 FOR PANEL SIZES & DESIGN PRESSURE.
2. PANEL TYPES NOT SHOWN OR CROSSED OFF ARE NOT REQUIRED FOR ANY CONFIGURATIONS AND ARE NOT AVAILABLE.
3. 90° ASTRAGALS TO USE HEAVY-DUTY STILES (W1), CORNER RECEIVER (#116) AND EITHER EXTERIOR (#115) OR INTERIOR (#120) CORNER ASTRAGALS.
4. 135° ASTRAGALS TO USE HEAVY-DUTY STILES (W1) AND CORNER ADDON (#31).

SILL RISERS OPTIONS



(17) SILL RISER, FLAT: FLUSH, 1-1/2" | (18) SILL RISER, FLAT: LOW, 2-1/2" | (19) SILL RISER, FLAT: MEDIUM, 3-1/8" | (20) SILL RISER, FLAT: HIGH, 4"

(17) SILL RISER, BOX: FLUSH, 1-1/2" | (21) SILL RISER, BOX: LOW, 2-1/2" | (22) SILL RISER, BOX: MEDIUM, 3-1/8" | (23) SILL RISER, BOX: HIGH, 4"

* NOT VALID FOR WATER INFILTRATION RESISTANCE REQUIREMENTS. SEE SHEETS 5-6

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Miami-Dade Product Control

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PANEL TYPES

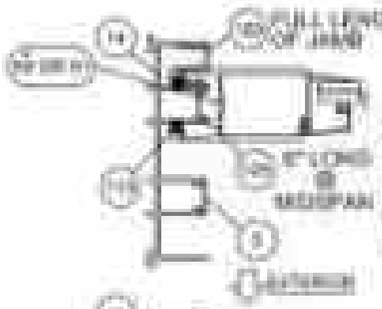
ALUMINUM SLIDING GLASS DOOR/WINDOW

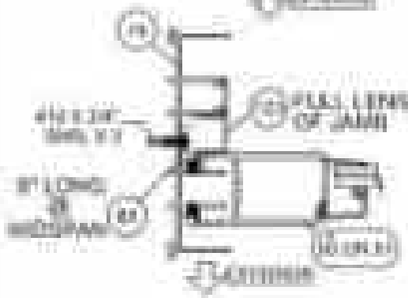
PGT



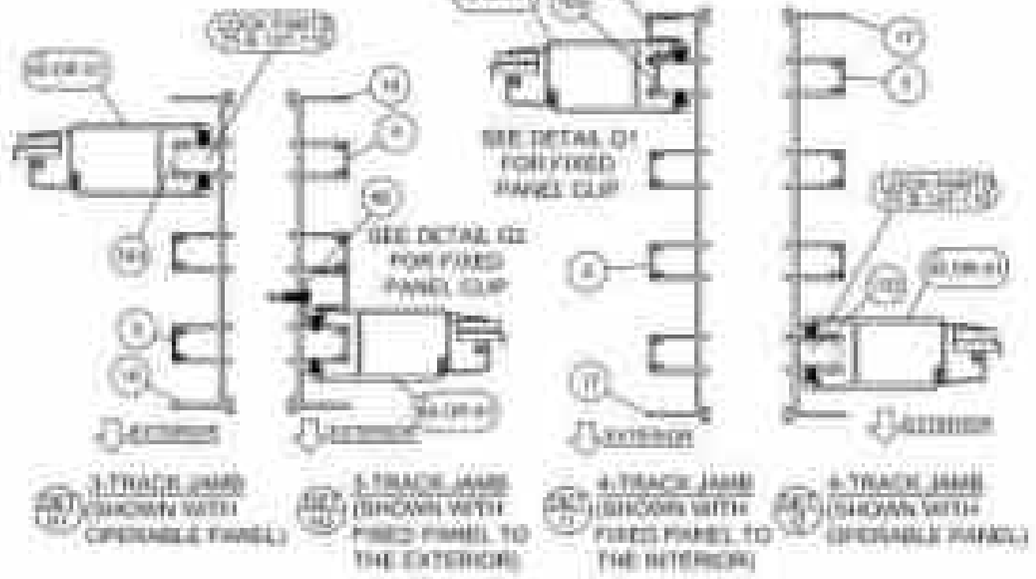
ASSEMBLY DETAILS

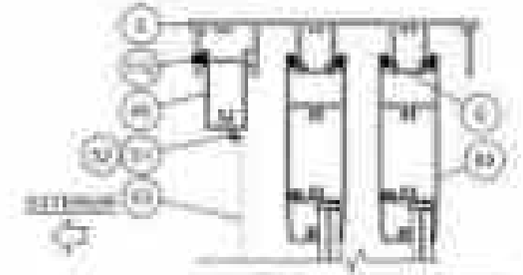
(SEE SHEETS 12-14 FOR FOR INSTALLATION DETAILS)

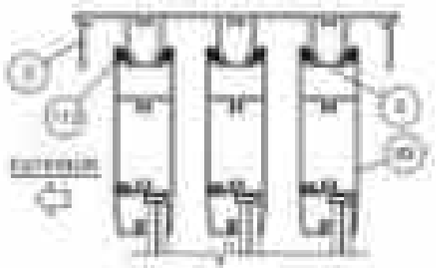


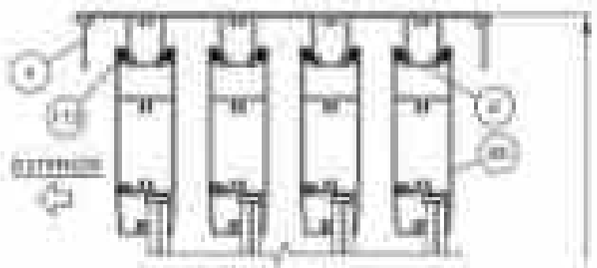


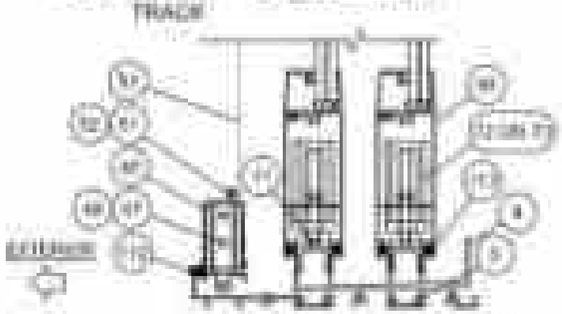


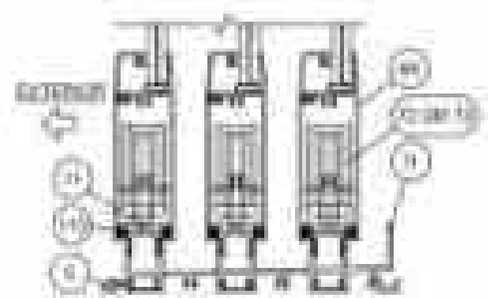


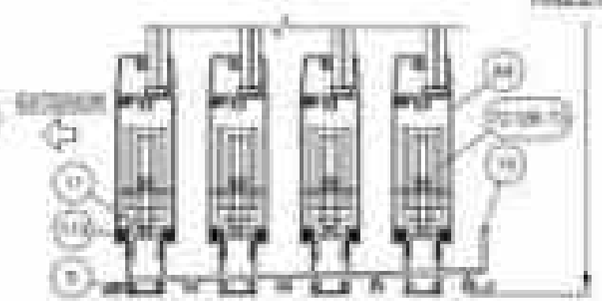












* ITEM 61 SHOWN, ITEM 60 ALSO APPLICABLE, SEE TABLES 1-3, SHEETS 6-8 FOR DP (PSF) ASSOCIATED WITH STILE.

PRODUCT RENEWED
as complying with the Florida Building Code
RNA No. 24-1219.08
Expiration Date 02/12/2029
By
Miami-Dade Product Control

REVISED CO. ADDRESS
JR - 12/18/24

H	4/4/2025	JR	ADDED ROOM SIDE
G	12/18/24	JR	REVISED CO. ADDRESS
F	10/31/24	JR	ADDED ROOM SIDE
E	10/31/24	JR	ADDED ROOM SIDE
D	10/31/24	JR	ADDED ROOM SIDE
C	10/31/24	JR	ADDED ROOM SIDE
B	10/31/24	JR	ADDED ROOM SIDE
A	10/31/24	JR	ADDED ROOM SIDE

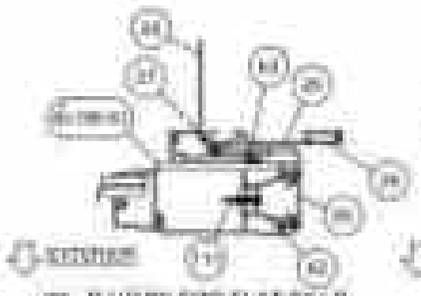
ALUMINUM SLIDING GLASS DOOR ASSEMBLY (3) PANEL
VERTICAL SECTION DETAILS
SHEET 10 OF 22
SCOTTDW

PGT

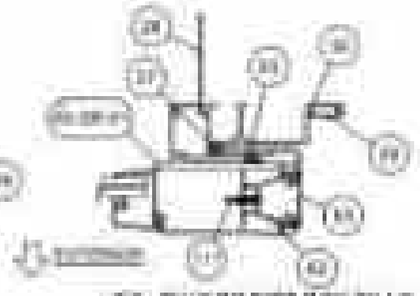


ASSEMBLY DETAILS

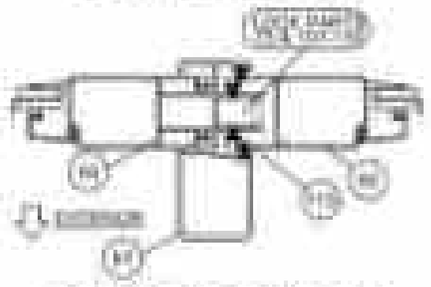
(SEE SHEETS 12-14 FOR PDR INSTALLATION DETAILS)



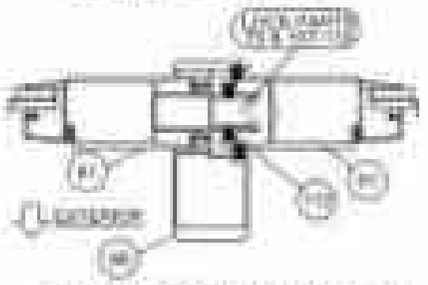
(#67) T-HOOK FOR T-LAT SILL II
(#67) (NOT USED WITH #68 SILL)



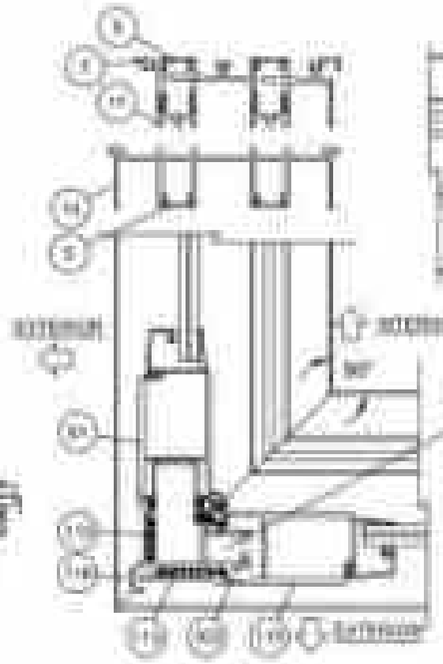
(#68) T-HOOK FOR BOX SILL II
(#68) EXT. MOUNT ONLY



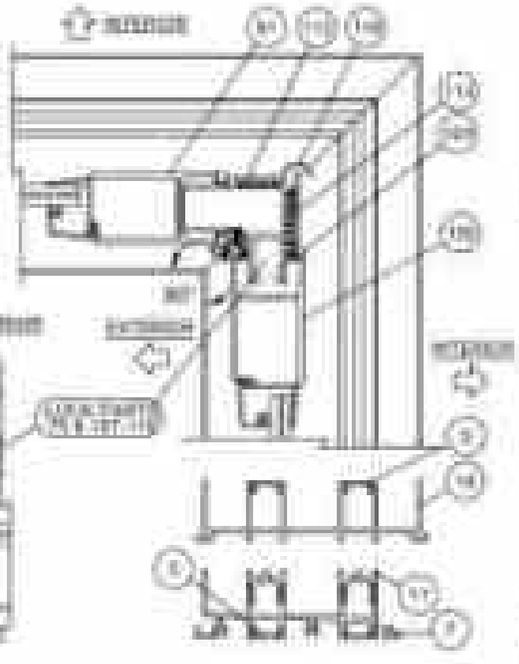
(#67) STANDARD ASTRAGAL #67
(#67) WITH STANDARD STILES #68
EXTERIOR BOX ASTRAGAL SHOWN (BOX-OUT) MAY ALSO BE INSTALLED TOWARDS INTERIOR (BOX-IN)



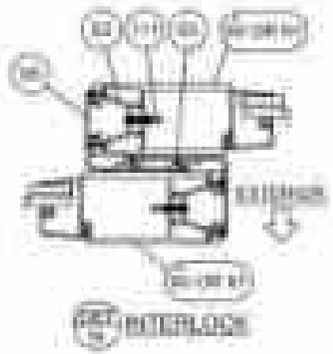
(#68) HEAVY DUTY ASTRAGAL #68
(#68) WITH HEAVY DUTY STILES #67
EXTERIOR BOX ASTRAGAL SHOWN (BOX-OUT) MAY ALSO BE INSTALLED TOWARDS INTERIOR (BOX-IN)



90° OUTSIDE CORNER
2 TRACK SHOWN

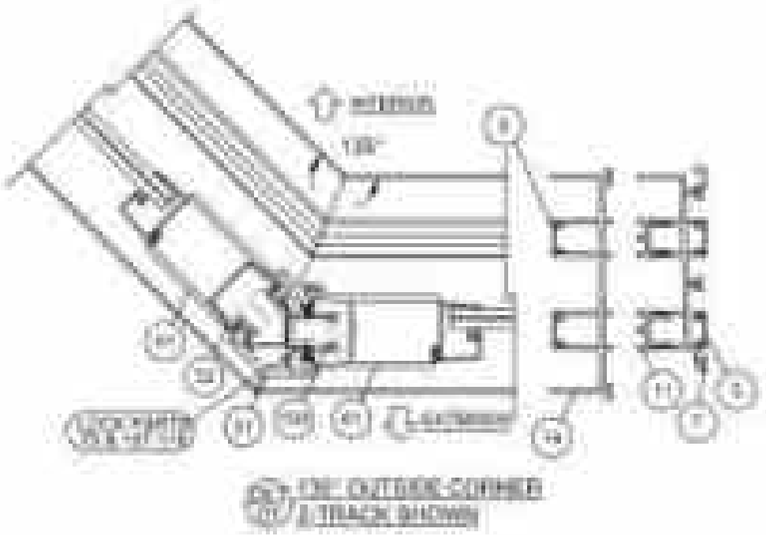


90° INSIDE CORNER
2 TRACK SHOWN

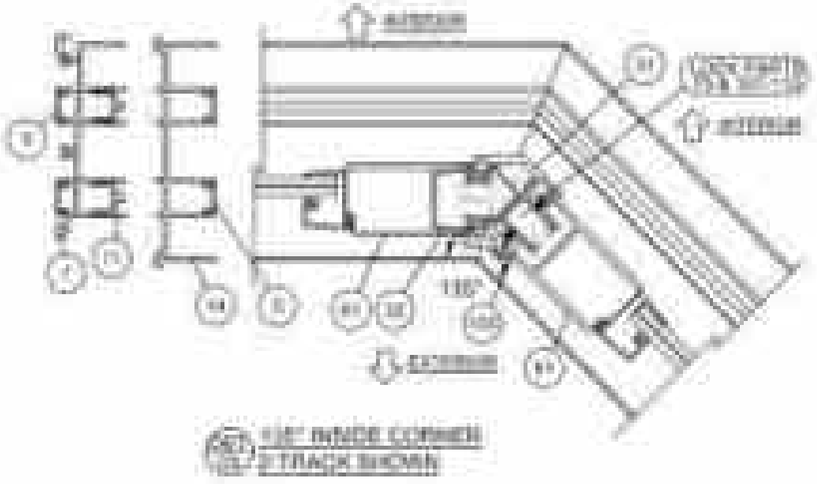


INTERLOCK

* ITEM #61 (HEAVY DUTY STILE) SHOWN. ITEM #60 (STANDARD STILE) ALSO APPLICABLE. SEE TABLES 1-5, SHEETS 4-8 FOR DP (PSF) ASSOCIATED WITH STILES.



135° OUTSIDE CORNER
2 TRACK SHOWN



135° INSIDE CORNER
2 TRACK SHOWN

PRODUCT RENEWED
in complying with the Florida Building Code
RNA No. 24-1219.08
Expiration Date 02/12/2029
By
Mi-Jell Sales Product Control

REVISED CO. ADDRESS
JR - 12/18/24

ALUMINUM SLIDING GLASS ASSEMBLY	11-25-24	JR
HORIZONTAL SECTION DETAILS	11-25-24	JR
SCHEDULE	11-25-24	JR

PGT

ENGINEERING SEAL

TABLE 1:

Item	PGT Dwg. #	PGT #	Description
1	17306	617306	1" TRACK HEAD
2	17303	617303	2" TRACK HEAD WITH SCREEN RAIL
3	17308	617308	3" TRACK HEAD
4	17312	617312	4" TRACK HEAD
5	17314	617314	FRAME SCREW COVER
6	17317	617317	FRAME HEAD ANGLE ADD-ON
7	17304	617304	2" TRACK SILL
8	17307	617307	2" TRACK SILL WITH SCREEN RAIL
9	17309	617309	3" TRACK SILL
10	17316	617316	4" TRACK SILL
11	17313	617313	FRAME SILL TRACK INSERT
12	17318	617318	FRAME SILL SCREEN ADD-ON (SEE NOTE 3)
13	17319	617319	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	17310	617310	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	17320	617320	SILL RISER - FLAT, MEDIUM, 3-1/4"
23	17324	617324	SILL RISER - BOX, MEDIUM, 3-1/4"
24	17323	617323	SILL RISER - FLAT, HIGH, 8"
25	17325	617325	SILL RISER - BOX, HIGH, 8"
26	17333	617333	POCKET P-HOOK
27	7015	87015	RECIPROCAL BULB WITH FOR P-HOOK
28	17334	617334	POCKET P-HOOK MOUNT
29	17335	617335	P-HOOK COVER
30	17346	617346	POCKET P-HOOK FOR BUS RISER
31	17329	617329	1/4" CORNER
32	17328	617328	1/4" FIXED MOUNT
			ITEMS 40 TO 48 ARE SCREEN PARTS
40	4319	43288	SCREEN SIDE RAIL - LOCKSTILE
41		7015SCREW	SCREEN LOCKNUT
42		4415S	SCREEN KEEPER SPACER SET
43	9102	89102	SCREEN INTERLOCK ADAPTER
44	4429	94429	SCREEN DOUBLE INTERLOCK
45	9117	419286	SCREEN TOP RAIL
46	4318	413287	SCREEN BOTTOM RAIL

TABLE 2:

Opening	Min. "L"	Min. "H"
2" TRACK HEAD	12 3/4"	10" min
3" TRACK HEAD	13 1/4"	10" min
4" TRACK HEAD	13 1/4"	11" min
1/4" CORNER FIXED MOUNT	12" min	10" min
1/4" CORNER POCKET	12" min	10" min
2" TRACK JAMB	12" min	10" min
3" TRACK JAMB	13" min	10" min
4" TRACK JAMB	13" min	10" min
SILL RISER	12" min	10" min
SILL RISER	13" min	10" min
SILL RISER	13" min	10" min

Item	PGT Dwg. #	PGT #	Description
47	4319	7015CS	SCREEN CLOTH
48	4320	7015CS	SCREEN CLOTH 23" X 25"
49	4320	7015CS	SCREEN CLOTH CUT
50	17340	617340	1/4" SCREEN EXTRUSION ADAPTER
51	17353	617353	SCREEN SPLINE - 3/8"
52	17354	617354	SCREEN SPLINE - 1/4"
53		7015SCREW	SCREEN CLOTH
54	17338		CUT 5.5" X 1-1/4" MITT BLOCK WEATHERSEAL 90 1/2
55	17339		CUT 4.5" X 1-1/4" MITT BLOCK WEATHERSEAL 90 1/2
56	17320	617320	FRAME STILE
57	17326	617326	FRAME STILE HEAVY DUTY
58	17321	617321	INTERLOCK ADAPTER
59	7375	87375B	LIGHT BLUE CUT 9" - THRESHOLD WEATHERSEAL
60	17338	71105	SILL END WEATHERSTRIP PAD
61	17329	617329	WEATHER SCREW COVER
62	17323	617323	1/4 TRACK
63	17309	617309	PRESS FIT SILL RISER
64	17304	617304	SILL END CAP
65	17324	617324	1/4" X 1/4" X 1/4" ANGLE
66	17340	417340	SCREEN EXTRUSION ADAPTER
67	17342	617342	1-1/2" X 1" X 3/4" HEAT BREAK GASKET HOUSE
68	9102	79102A	SHOE FOR STL ROLLER ASSY
69	9102	79102B	SHOE FOR VINYL ROLLER ASSY
70		83123MP	SCREW HD, 4MM TAPE, 8MM OR 10MM TRIM
71	9109	79109	SPRING ASSEMBLY, 5/8" WIDE, COIL SPRING TRIM PLATE
72		7015SCREW	#8 X 1" FL HD SCREW (4) TYPE "F" TIP
73		7015SCREW	10-32 X 5/8" FL HD SCREW
74	17307	617307	1" SILL BRACE
75	17309	617309	TOP BRACE FIBER PANEL CUP
76	17306	617306	3" TRACK HEAD
77	7378	87378A	VINYL BULB WEATHERSTRIP
78	17345	17345	LOOSE MC, TOP & SIDE RAIL SIDE HEM TAPE POLYSTY
79	4002	4002	ROLLER ASSY, NYLON
80		7015SCREW	JAMB SCREW
81	7368	73368	SNAP PLUG
82	9108	79108	1" ADAPTER
83	4001	7015ASSY	SCREEN LOCK ASSEMBLY
84	17344	617344	FIBER PANEL CUP (6" LONG)
85	17322	617322	FIBER PANEL RETAINER, 6-7/8"
86	17336	17336	HANDLE KIT, BRUSH ASSY, SHOE AND PUSH TUBE
87	17346	17346	HANDLE KIT, SHOE, LOCKING HANDLE
88	7370	87370SS	HANDLE KIT, SLIDING WINDOW ASSY, SHOE TUBE
89	7338	7338	HANDLE KIT, REVERSE LIFT ASSY
90		7015SCREW	#10 X 3/4" FH, PH, TEK - S.S.
91	7338	87338	SHOE, STEEL W/ RETAINER
92	7332	94332	1/2" X 3/8" PANEL
93		7015SCREW	#10 X 1"
94		7015SCREW	#10 X 1"
95		7015SCREW	#14 X 1" S.S.
96		7015SCREW	#14 X 1-1/2" S.S.
97	17338	617338	TILT LATCH CORNER MOUNTED
98	17337	617337	TILT LATCH CENTER CORNER ASSEMBLY
99	17339	617339	TILT LATCH WIDE CORNER ASSEMBLY
100	17332	617332	FIXED PANEL RETAINER, 3/16"

NOTES:
1) ALL ALUMINUM = 6063-T6

2) ITEMS # 33-35, 56-59, 66, 79, 84-86, 127 & 130 ARE NOT USED AND ARE NOT PART OF THIS APPROVAL.

3) USE OF #12 OR #10 REQUIRES MIN. #10 SMS ON 3/16" MASONRY ANCHORS @ 24" MAX. O.C.

PRODUCT RENEWED
as complying with the Florida Building Code
RNA No. 24-1219.08
Expiration Date 10/12/2029
By
Miami-Dade Product Control

REVISED CO. ADDRESS
JR - 12/18/24

1	12/18/24	JR

PGT INDUSTRIES
1070 TECHNOLOGY DRIVE
NORTH VENICE, FL 34275
941-480-1600

ALUMINUM SLIDING GLASS DOOR
BILL OF MATERIALS

DRAWN BY	DATE	SCALE
JR	12/18/24	NONE

PGT

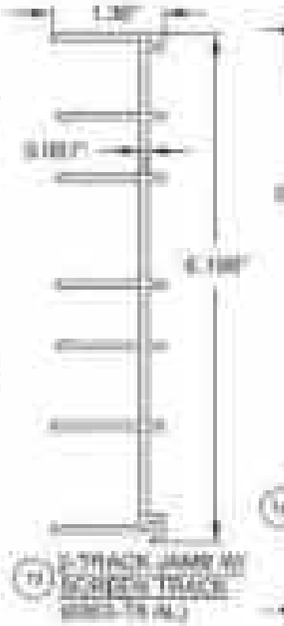
STATE OF FLORIDA
No. 59755
REGISTERED
PROFESSIONAL ENGINEER



1 J-TRACK HEAD
(6063-T6 AL)



10 H-TRACK SILL
(6063-T6 AL)



12 H-TRACK JAMB W/
SCREEN TRACK
(6063-T6 AL)



14 H-TRACK JAMB
(6063-T6 AL)



40 SCREEN
STOP
(6063-T6 AL)



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



8 J-TRACK SILL
(6063-T6 AL)



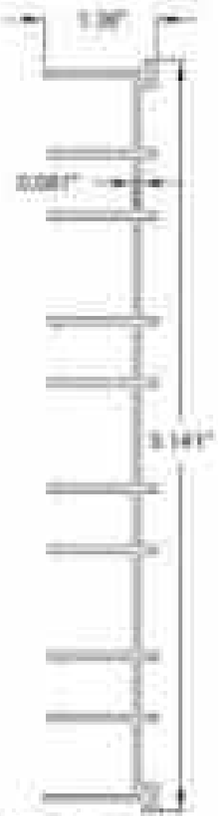
41 SCREEN
TOP SEAL
(6063-T6 AL)



3 J-TRACK HEAD
(6063-T6 AL)



4 J-TRACK SILL W/ SCREEN TRACK
(6063-T6 AL)



17 H-TRACK JAMB
(6063-T6 AL)



42 SCREEN
BOTTOM RAIL
(6063-T6 AL)



6 J-TRACK HEAD
(6063-T6 AL)



7 J-TRACK SILL
(6063-T6 AL)

16 J-TRACK JAMB
(6063-T6 AL)



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



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

11 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)

SEE SHEET 17 FOR SILL RISERS

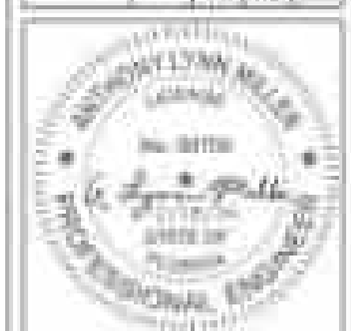
PRODUCT RENEWED
in complying with the Florida Building Code
RNA No. 24-1219.08
Expiration Date 02/12/2029
By
Miami-Dade Product Control

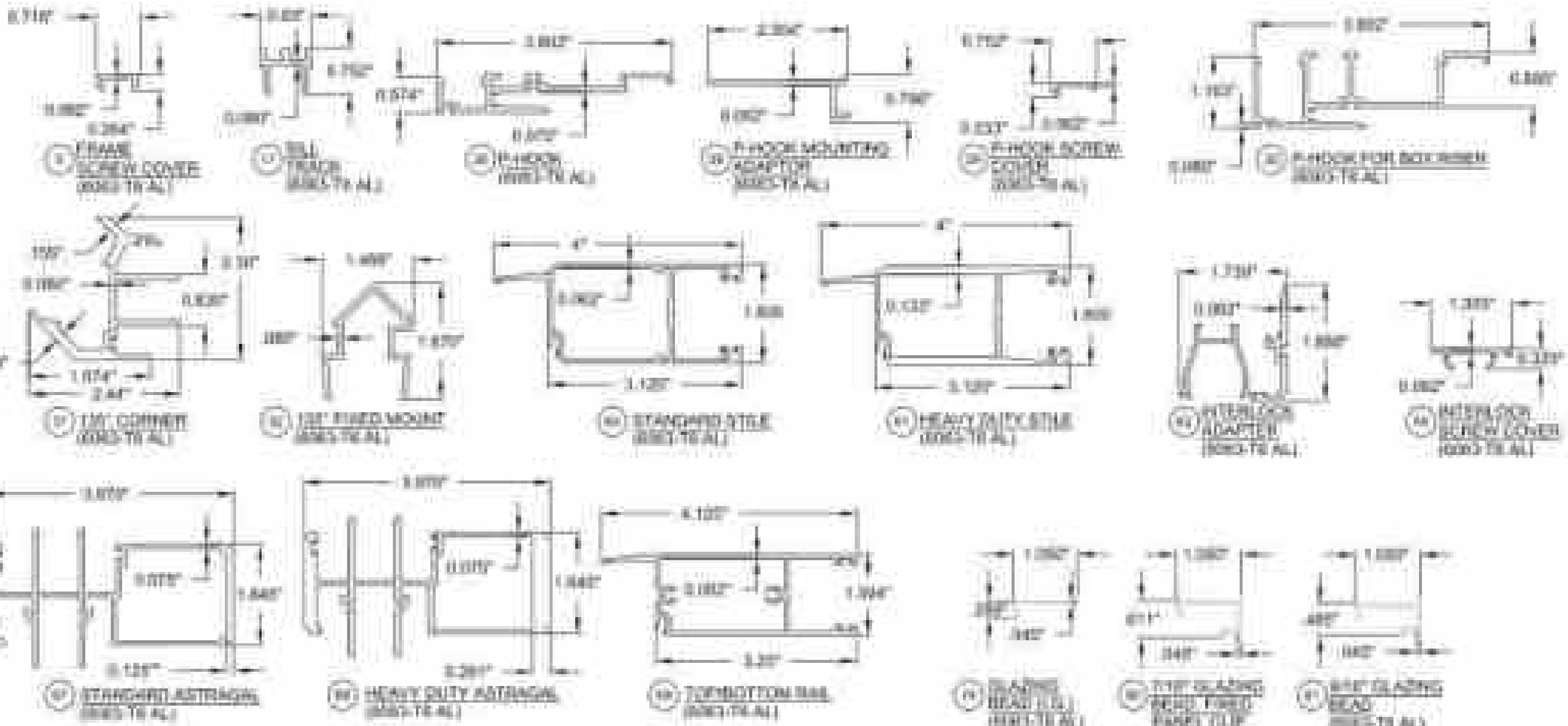
REVISED CO. ADDRESS
JR - 1218/24

1	12/18/24	ADDRESS

ALUMINUM SLIDING DOOR/WINDOW EXTRUSIONS

ACT





PRODUCT RENEWED
in complying with the Florida Building Code
RNA No. 24-1219.08
Expiration Date 02/12/2029
By
Miami-Dade Product Control

REVISED CO. ADDRESS
JR - 1218524

ALL ALUMINUM SLIDING GLASS DOOR & WINDOW EXTRUSIONS

1	12/18/24	REVISED CO. ADDRESS
0	07/15/22	ISSUED

PGT

WINDOWS

