DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
NOTICE OF ACCEPTANCE (NOA)

PGT Industries, Inc.
1070 Technology Drive
North Venice, FL 34275

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

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

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

DESCRIPTION: Series “SGD-770” Aluminum Horizontal Sliding Window, w/ 90° & 135° corners – L.M.I.

APPROVAL DOCUMENT: Drawing No. PGT0129, titled “Series 770 Alum. SGD-Window - LMI”, sheets 1 through 22 of 22, dated 02/20/14, with revision C dated 04/05/17, prepared by manufacturer, signed, sealed and dated 11/22/19, by Anthony Lynn Miller, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

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

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

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

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

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

This NOA revises and renews NOA No. 17-0420.17 and consists of this page 1 and evidence pages E-1, E-2, E-3 and E-4, as well as approval document mentioned above.

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

NOA No. 19-1126.06
Expiration Date: February 12, 2025
Approval Date: January 09, 2020
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA’s

A. DRAWINGS

1. Manufacturer’s die drawings and sections.
   (Submitted under NOA No. 14-0320.03)

2. Drawing No. PGT0129, titled “Series 770 Alum. SGD-Window - LMI”, sheets 1 through 22 of 22, dated 02/20/14, with revision C dated 04/05/17, prepared by manufacturer, signed, sealed and dated 4/18/17, by Anthony Lynn Miller, P.E.
   (Submitted under NOA No. 17-0420.17)

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 a PVC sliding glass door, a PVC fixed window and an aluminum sliding glass door, using: Kodispave 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-8968 and FTL-8970, dated 11/16/15, 06/07/16 and 06/02/16 respectively, all signed and sealed by Idalmis Ortega, P.E.
   (Submitted under NOA No. 16-0629.09)

2. 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 an 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)

Manuel Perez, P.E.
Product Control Examiner
NOA No. 19-T126.06
Expiration Date: February 12, 2025
Approval Date: January 09, 2020
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS (CONTINUED)
   3. 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 an 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 Gonzales, P.E.
   (Submitted under NOA No. 09-0826.10)
   (Submitted under NOA No. 15-0430.08)

C. CALCULATIONS
   (Submitted under NOA No. 17-0420.17)
   2. Glazing complies with ASTM E1300-09

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

E. MATERIAL CERTIFICATIONS
   1. Notice of Acceptance No. 16-1117.01 issued to Kuraray America, Inc. for their “Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers” dated 01/19/17, expiring on 07/08/19.
   2. Notice of Acceptance No. 14-0916.11 issued to Kuraray America, Inc. for their “SentryGlas® (Clear and White) Glass Interlayers” dated 06/25/15, expiring on 07/04/18.

Manuel Perez, P.E.
Product Control Examiner
NOA No. 19-T126.06
Expiration Date: February 12, 2025
Approval Date: January 09, 2020
PGT Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS
(Submitted under NOA No. 17-0420.17)
2. Statement letter of no financial interest, dated 04/08/17, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.  
(Submitted under NOA No. 17-0420.17)
3. Proposal No. 16-0125 issued by the Product Control Section, dated March 09, 2016, signed by Ishaq Chanda, P.E.  
(Submitted under NOA No. 16-0629.09)

G. OTHERS
1. Notice of Acceptance No. 16-0629.09, issued to PGT Industries, Inc. for their Series "SGD-770" Aluminum Horizontal Sliding Window w/90° & 135° corners - L.M.I. approved on 08/04/16 and expiring on 02/12/20.

[Signature]
Manuel Perez, P.E.
Product Control Examiner
NOA No. 19-1126.06
Expiry Date: February 12, 2025
Approval Date: January 09, 2020
PGT Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED
   A. DRAWINGS
      1. Drawing No. PGT0129, titled "Series 770 Alum. SGD-Window - LMI", sheets 1 through 22 of 22, dated 02/20/14, with revision C dated 04/05/17, prepared by manufacturer, signed, sealed and dated 11/22/19, 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. 19-0305.02 issued to Kuraray America, Inc. for their "Trosifol® Ultracear, Clear and Color PVB Glass Interlayers" dated 05/09/19, expiring on 07/08/24.
      2. Notice of Acceptance No. 17-0808.02 issued to Kuraray America, Inc. for their "SentryGlas® (Clear and White) Glass Interlayers" dated 12/28/17, expiring on 07/04/23.

   F. STATEMENTS
      2. Statement letter of no financial interest, dated November 22, 2019, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

   G. OTHERS
      1. Notice of Acceptance No. 17-0420.17, issued to PGT Industries, Inc. for their Series "SGD-770" Aluminum Horizontal Sliding Window, w/ 90° & 135° corners – L.M.I., approved on 08/31/17 and expiring on 02/12/20.

   [Signature]
   Manuel Pérez, P.E.
   Product Control Examiner
   NOA No. 19-1126.06
   Expiration Date: February 12, 2025
   Approval Date: January 09, 2020
TABLE A

<table>
<thead>
<tr>
<th>Anchor Group</th>
<th>Anchor Type</th>
<th>Frame Member</th>
<th>Substrate</th>
<th>Min. Edge Distance</th>
<th>Min. O.C. Distance</th>
<th>Min. Embedment or Metal Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>#12 1 5/8 SISM</td>
<td>All</td>
<td>Southern Pine (SG &lt;= 0.5)</td>
<td>9&quot; 1/8&quot;</td>
<td>7&quot; 1/8&quot;</td>
<td>1-3/8&quot;</td>
</tr>
<tr>
<td></td>
<td>#12 4 10 SISM</td>
<td>All</td>
<td>465L-TS Aluminum</td>
<td>3&quot; 5/8&quot;</td>
<td>9&quot; 1/8&quot;</td>
<td>0.00&quot;</td>
</tr>
<tr>
<td></td>
<td>#12 4 10 SISM</td>
<td>All</td>
<td>A36 Steel</td>
<td>3&quot; 5/8&quot;</td>
<td>9&quot; 1/8&quot;</td>
<td>0.00&quot;</td>
</tr>
<tr>
<td></td>
<td>#12 4 10 SISM</td>
<td>All</td>
<td>Gr 33 Steel Stud</td>
<td>3&quot; 5/8&quot;</td>
<td>9&quot; 1/8&quot;</td>
<td>0.04&quot; (19 Gai)</td>
</tr>
<tr>
<td></td>
<td>#12 4 10 SISM</td>
<td>Jamb / Hook</td>
<td>Filled Block (ASTM C600)</td>
<td>3&quot; 5/8&quot;</td>
<td>9&quot; 1/8&quot;</td>
<td>1-1/4&quot;</td>
</tr>
<tr>
<td></td>
<td>#12 4 10 SISM</td>
<td>Jamb / Hook</td>
<td>Hollow Block (ASTM C600)</td>
<td>3&quot; 5/8&quot;</td>
<td>9&quot; 1/8&quot;</td>
<td>1-1/4&quot;</td>
</tr>
<tr>
<td></td>
<td>#12 Steel SISM (Gr. 5)</td>
<td>All</td>
<td>Southern Pine (SG &lt;= 0.5)</td>
<td>9&quot; 1/8&quot;</td>
<td>9&quot; 1/8&quot;</td>
<td>1-3/8&quot;</td>
</tr>
<tr>
<td></td>
<td>#12 Steel SISM</td>
<td>All</td>
<td>465L-TS Aluminum</td>
<td>3&quot; 5/8&quot;</td>
<td>9&quot; 1/8&quot;</td>
<td>0.00&quot;</td>
</tr>
<tr>
<td></td>
<td>#12 Steel SISM</td>
<td>All</td>
<td>A36 Steel</td>
<td>3&quot; 5/8&quot;</td>
<td>9&quot; 1/8&quot;</td>
<td>0.00&quot;</td>
</tr>
<tr>
<td></td>
<td>#12 Steel SISM</td>
<td>All</td>
<td>Gr 33 Steel Stud</td>
<td>3&quot; 5/8&quot;</td>
<td>9&quot; 1/8&quot;</td>
<td>0.04&quot; (19 Gai)</td>
</tr>
<tr>
<td></td>
<td>#12 Steel SISM</td>
<td>Jamb / Hook</td>
<td>Filled Block (ASTM C600)</td>
<td>3&quot; 5/8&quot;</td>
<td>9&quot; 1/8&quot;</td>
<td>1-1/4&quot;</td>
</tr>
<tr>
<td></td>
<td>#12 Steel SISM</td>
<td>Jamb / Hook</td>
<td>Hollow Block (ASTM C600)</td>
<td>3&quot; 5/8&quot;</td>
<td>9&quot; 1/8&quot;</td>
<td>1-1/4&quot;</td>
</tr>
<tr>
<td></td>
<td>#12 Steel SISM</td>
<td>Jamb / Hook</td>
<td>Concrete (min. 2.22 ksi)</td>
<td>3&quot; 5/8&quot;</td>
<td>9&quot; 1/8&quot;</td>
<td>1-3/8&quot;</td>
</tr>
<tr>
<td></td>
<td>#12 Steel SISM</td>
<td>Jamb / Hook</td>
<td>Concrete (min. 3.5 ksi)</td>
<td>3&quot; 5/8&quot;</td>
<td>9&quot; 1/8&quot;</td>
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<td>D</td>
<td>#12 4 10 SISM</td>
<td>All</td>
<td>Southern Pine (SG &lt;= 0.5)</td>
<td>9&quot; 1/8&quot;</td>
<td>9&quot; 1/8&quot;</td>
<td>1-3/8&quot;</td>
</tr>
<tr>
<td></td>
<td>#12 4 10 SISM</td>
<td>All</td>
<td>465L-TS Aluminum</td>
<td>3&quot; 5/8&quot;</td>
<td>9&quot; 1/8&quot;</td>
<td>0.00&quot;</td>
</tr>
<tr>
<td></td>
<td>#12 4 10 SISM</td>
<td>All</td>
<td>A36 Steel</td>
<td>3&quot; 5/8&quot;</td>
<td>9&quot; 1/8&quot;</td>
<td>0.00&quot;</td>
</tr>
<tr>
<td></td>
<td>#12 4 10 SISM</td>
<td>All</td>
<td>Gr 33 Steel Stud</td>
<td>3&quot; 5/8&quot;</td>
<td>9&quot; 1/8&quot;</td>
<td>0.04&quot; (19 Gai)</td>
</tr>
<tr>
<td></td>
<td>#12 4 10 SISM</td>
<td>Jamb / Hook</td>
<td>Filled Block (ASTM C600)</td>
<td>3&quot; 5/8&quot;</td>
<td>9&quot; 1/8&quot;</td>
<td>1-1/4&quot;</td>
</tr>
<tr>
<td></td>
<td>#12 4 10 SISM</td>
<td>Jamb / Hook</td>
<td>Hollow Block (ASTM C600)</td>
<td>3&quot; 5/8&quot;</td>
<td>9&quot; 1/8&quot;</td>
<td>1-1/4&quot;</td>
</tr>
<tr>
<td></td>
<td>#12 4 10 SISM</td>
<td>Jamb / Hook</td>
<td>Concrete (min. 2.22 ksi)</td>
<td>3&quot; 5/8&quot;</td>
<td>9&quot; 1/8&quot;</td>
<td>1-3/8&quot;</td>
</tr>
<tr>
<td></td>
<td>#12 4 10 SISM</td>
<td>Jamb / Hook</td>
<td>Concrete (min. 3.5 ksi)</td>
<td>3&quot; 5/8&quot;</td>
<td>9&quot; 1/8&quot;</td>
<td>1-3/8&quot;</td>
</tr>
</tbody>
</table>

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 TABLES IN THIS APPROVAL.
2) ALL ANCHOR HEAD TYPES ARE APPICABLE.
3) FOR STEEL STUDS, MIN. F. U. 45 KSI, MIN. F. Y. 33 KSI.
4) FILLED BLOCK VALUES MAY ALSO BE USED IN HOLLOW BLOCK APPLICATIONS.
5) MUST AFFIX A CLASSIFICATION OR INDEX MARKET TO THE SUBSTRATE.

TABLE B

<table>
<thead>
<tr>
<th>Grass Type</th>
<th>Description (Listed from Exterior to Interior)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5171</td>
<td>Laminated (2) Lites of 5/16&quot; HS Glass with .006&quot; PVB Interlayer</td>
</tr>
<tr>
<td>518A</td>
<td>Laminated (2) Lites of 1/4&quot; HS Glass with .006&quot; PVB Interlayer</td>
</tr>
<tr>
<td>518B</td>
<td>Laminated (2) Lites of 5/16&quot; HS Glass with .006&quot; PVB Interlayer</td>
</tr>
<tr>
<td>518C</td>
<td>Laminated (2) Lites of 1/4&quot; HS Glass with .006&quot; SG Interlayer</td>
</tr>
<tr>
<td>519A</td>
<td>Laminated (2) Lites of 1/4&quot;+ 1/16&quot; Extener Cap + 3/8&quot; Air Space + 7/16&quot; Laminated (2) Lites of 5/16&quot; HS Glass with .006&quot; SG Interlayer</td>
</tr>
</tbody>
</table>

**ANCHOR NO.**

ANCHOR HEAD TYPES ARE APPICABLE.

**1** TEMPERED

**PVB** = .006" PVB ROOF PVB BY KUURAY AMERICA, INC. 465L-TS ALUMINUM BY KUURAY AMERICA, INC.

**SG** = .006" SENTRYGLASS BY KUURAY AMERICA, INC.
EXAMPLE CONFIGURATIONS

1-PANEL CONFIGURATIONS
- Max. Unit Width
- Nom. Panel Width per Tables 1-3
- Pocket

2-PANEL CONFIGURATIONS
- Max. Unit Width
- Nom. Panel Width per Tables 1-3
- Pocket

3-PANEL CONFIGURATIONS
- Max. Unit Width
- Nom. Panel Width per Tables 1-3
- Pocket

4-PANEL CONFIGURATIONS
- Max. Unit Width
- Nom. Panel Width per Tables 1-3
- Pocket

5-PANEL CONFIGURATIONS
- Max. Unit Width
- Nom. Panel Width per Tables 1-3
- Pocket

CONFIGURATIONS NOTES:
1) All configurations shown are also available as pocket configurations at either or both jamb locations using detail "Jj", "Jc", "Kw" or "Kc" installation. Example: 4-panel XXX in pocket (p) configuration can be pXXXp, pXXXp, XXXp or XXXp. XXX in pocket configuration can be pXXXp.
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:
- DLO Width = Nom. Panel Width - 7"
- DLO Height = Window Unit Height - 10.125"
- Panel Height = Window Unit Height - 1.866"
EXAMPLE CONFIGURATIONS

MAX. TESTED UNIT WIDTH = 355-7/16"

MAX. TESTED FRAME SQUARE FOOTAGE* = 250 FT²

MAX. UNIT HEIGHT, 96"

6-PANEL CONFIGURATIONS

MAX. UNIT WIDTH

NOM. PANEL WIDTH PER TABLES 1-3

MAX. FRAME SQUARE FOOTAGE* = 250 FT²

7-PANEL CONFIGURATIONS

MAX. UNIT WIDTH

NOM. PANEL WIDTH PER TABLES 1-3

MAX. FRAME SQUARE FOOTAGE* = 250 FT²

8-PANEL CONFIGURATIONS

MAX. UNIT WIDTH

NOM. PANEL WIDTH PER TABLES 1-3

MAX. FRAME SQUARE FOOTAGE* = 250 FT²

*(FRAME SQUARE FOOTAGE = OVERALL UNIT WIDTH (IN) X OVERALL UNIT HEIGHT (IN) / 144

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, pXXXp OR XXXXp. XXXX IN POCKET CONFIGURATION CAN BE OXXXX.

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

DLO WIDTH = NOM. PANEL WIDTH - 7"
DLO HEIGHT = WINDOW UNIT HEIGHT - 10.125" PANEL HEIGHT = WINDOW UNIT HEIGHT - 1.866"
GLAZING NOTES:
"ANN" = ANNEALED
"HS" = HEAT STRENGTHENED
"T" = TEMPERED
"PVF" = .060" TROPIFOL PVF BY KURARAY AMERICA, INC.
"SG" = .090" SENTRYGLASS BY KURARAY AMERICA, INC.

SEE SHEET 5 FOR SPACER DETAILS.
### TABLE 1:

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

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

<table>
<thead>
<tr>
<th>Window Unit Height (in)</th>
<th>31-7/8&quot; DLO</th>
<th>37-7/8&quot; DLO</th>
<th>49-7/8&quot; DLO</th>
<th>61-7/8&quot; DLO</th>
<th>69-7/8&quot; DLO</th>
<th>85-7/8&quot; DLO</th>
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<tbody>
<tr>
<td><strong>Group A</strong></td>
<td></td>
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<tr>
<td></td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>42&quot; 17&quot; DLO</td>
<td>Head Jamb</td>
<td>4</td>
<td>4</td>
<td>4</td>
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<tr>
<td>P-Hook</td>
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<td>4+5</td>
<td>4+5</td>
<td>4+5</td>
<td>4+5</td>
<td>4+5</td>
</tr>
<tr>
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<td>Head Jamb</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>P-Hook</td>
<td>4+5</td>
<td>4+5</td>
<td>4+5</td>
<td>4+5</td>
<td>4+5</td>
<td>4+5</td>
</tr>
<tr>
<td>42&quot; 35&quot; DLO</td>
<td>Head Jamb</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>P-Hook</td>
<td>4+5</td>
<td>4+5</td>
<td>4+5</td>
<td>4+5</td>
<td>4+5</td>
<td>4+5</td>
</tr>
<tr>
<td>48&quot; 41&quot; DLO</td>
<td>Head Jamb</td>
<td>4</td>
<td>4</td>
<td>4</td>
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<td>P-Hook</td>
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<td>4+5</td>
<td>4+5</td>
<td>4+5</td>
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</tbody>
</table>

### 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" OR 4" SILL, POSITIVE WATER DP IS 60.0 PSF MAX. (NEGATIVE PressURES UNCHANGED), SEE TABLE 1A.**
3. **ONLY THE 2-1/2", 3-1/4" AND 4" SILL HEIGHTS HAVE BEEN TESTED FOR WATER INFILTRATION RESISTANCE. THE 1-1/2" SILL HAS NOT AND MAY ONLY BE USED IN A PASS-THRU WINDOW WHERE WATER INFILTRATION RESISTANCE IS NOT REQUIRED DUE TO ROOF OVERHANG CONDITIONS. POSITIVE DESIGN PressURES SHOWN IN TABLE 1 MAY BE USED WHEN THE WINDOW IS USED AS A PASS-THRU WINDOW.**
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**

<table>
<thead>
<tr>
<th>(Water Infiltration Rating)</th>
<th>Sill Rise Height</th>
<th>(+) Design Pressure, psf</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Flat or Box, see Sheet 17)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Foot)</td>
<td>High - 3-1/4&quot;</td>
<td>60.0</td>
</tr>
<tr>
<td>Low - 2-1/2&quot;</td>
<td>46.67</td>
<td></td>
</tr>
</tbody>
</table>

SEE NOTES 1-3

---

### DP AND ANCHORAGE

SERIES 770 ALUM. SGD-WINDOW - LMI

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Repair Ship</th>
<th>Chassis No.</th>
<th>Date</th>
<th>Date</th>
<th>Company</th>
<th>Item No.</th>
<th>Rev.</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTS</td>
<td>DP-ANCHORAGE</td>
<td>NTS 6 22</td>
<td>1792000</td>
<td>02/20/14</td>
<td>02/20/14</td>
<td>C</td>
<td>PGT0120</td>
<td>C</td>
</tr>
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</table>
### 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 Table 11.

<table>
<thead>
<tr>
<th>Normal Panel Width (in)</th>
<th>24</th>
<th>36</th>
<th>42</th>
<th>48</th>
<th>54</th>
<th>60</th>
</tr>
</thead>
<tbody>
<tr>
<td>DLO Width</td>
<td></td>
<td>17&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31-7/8&quot; DLO</td>
<td>42</td>
<td>4A</td>
<td>48</td>
<td>4B</td>
<td>60</td>
<td>6C</td>
</tr>
<tr>
<td>37-7/8&quot; DLO</td>
<td>42</td>
<td>4A</td>
<td>48</td>
<td>4B</td>
<td>60</td>
<td>6C</td>
</tr>
<tr>
<td>49-7/8&quot; DLO</td>
<td>42</td>
<td>4A</td>
<td>48</td>
<td>4B</td>
<td>60</td>
<td>6C</td>
</tr>
<tr>
<td>61-7/8&quot; DLO</td>
<td>42</td>
<td>4A</td>
<td>48</td>
<td>4B</td>
<td>60</td>
<td>6C</td>
</tr>
<tr>
<td>69-7/8&quot; DLO</td>
<td>42</td>
<td>4A</td>
<td>48</td>
<td>4B</td>
<td>60</td>
<td>6C</td>
</tr>
<tr>
<td>85-7/8&quot; DLO</td>
<td>42</td>
<td>4A</td>
<td>48</td>
<td>4B</td>
<td>60</td>
<td>6C</td>
</tr>
<tr>
<td>Anchor Group</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>Head/Sill Jamb</td>
<td>C4+1</td>
<td>C4+1</td>
<td>C4+1</td>
<td>C4+1</td>
<td>C4+1</td>
<td>C4+1</td>
</tr>
<tr>
<td>P-Hook</td>
<td>4+5</td>
<td>4+5</td>
<td>4+5</td>
<td>4+5</td>
<td>4+5</td>
<td>4+5</td>
</tr>
</tbody>
</table>

**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" OR 4" SILL, POSITIVE WATER DP IS 60.0 PSF MAX. (NEGATIVE Pressures Unchanged). SEE TABLE 2A.
3) ONLY THE 2-1/2", 3-1/4" AND 4" SILL HEIGHTS HAVE BEEN TESTED FOR WATER INFRINGEMENT. THE 1-1/2" SILL HAS NOT AND MAY ONLY BE USED IN A PASS-THRU WINDOW WHERE WATER INFRINGEMENT RESISTANCE IS NOT REQUIRED DUE TO ROOF OVERHANG CONDITIONS. POSITIVE DESIGN PRESSURES SHOWN IN TABLE 2A MAY BE USED WHEN THE WINDOW IS USED AS A PASS-THRU WINDOW.
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, DIVIDED 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.**

<table>
<thead>
<tr>
<th>Interlock</th>
<th>P-Hook</th>
<th>Straight Astragal Assembly</th>
<th>90° Astragal Assembly</th>
<th>Lockstile @ Jamb</th>
<th>Straight Astragal Assembly</th>
<th>90° Astragal Assembly</th>
<th>Lockstile @ 90° Astragal Assembly</th>
<th>90° Astragal Assembly</th>
<th>Lockstile @ 90° Astragal Assembly</th>
<th>135° Astragal Assembly</th>
<th>Lockstile @ 135° Astragal Assembly</th>
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</thead>
<tbody>
<tr>
<td>Heavy-duty Stiles</td>
<td>Heavy-duty Stile</td>
<td>Heavy-duty Stile</td>
<td>Heavy-duty Stile</td>
<td>Heavy-duty Stile</td>
<td>Heavy-duty Stile</td>
<td>Heavy-duty Stile</td>
<td>Heavy-duty Stile</td>
<td>Heavy-duty Stile</td>
<td>Heavy-duty Stile</td>
<td>Heavy-duty Stile</td>
<td>Heavy-duty Stile</td>
</tr>
</tbody>
</table>

**SEE NOTES 1-3**

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

**TABLE 2A:**

**Sill Height to Max. (+) DP**

<table>
<thead>
<tr>
<th>Sill Rose Height (Flat or Box, see Sheet 17)</th>
<th>Design Pressure, psf</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flush - 1-1/2&quot;</td>
<td>+ 46.67</td>
</tr>
<tr>
<td>Low - 2-1/2&quot;</td>
<td>+ 46.67</td>
</tr>
<tr>
<td>Medium - 3-1/4&quot;</td>
<td>+ 60.0</td>
</tr>
<tr>
<td>High - 4&quot;</td>
<td>+ 60.0</td>
</tr>
</tbody>
</table>

**PRODUCT REVISED**

as complying with the Florida Building Code Acceptance No. 98.04.1B.25

A. LYNN MILLER, P. E.

MILLING CODE PRODUCT CONTROL

**CERT. OF AUTH. 829296**

**SERIES 770 ALUM. SGD-WINDOW - LMI**

**DP AND ANCHORAGE**

**SGD-770 WINDOW**

| NTS | 7 = 22 | PG0129 |

**CERT. OF AUTH. 829296**

**A. LYNN MILLER, P. E.**

**PEA 87890**
### 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)

Table applies to Glass types 4, 4A, 6, 6A, 7A, 8 & 8A and the Stile/Astragal types shown below.

<table>
<thead>
<tr>
<th>Window Unit Height (in)</th>
<th>31-7/8 DLO</th>
<th>37-7/8 DLO</th>
<th>49-7/8 DLO</th>
<th>61-7/8 DLO</th>
<th>69-7/8 DLO</th>
<th>85-7/8 DLO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anchor Group</td>
<td>A B C D</td>
<td>A B C D</td>
<td>A B C D</td>
<td>A B C D</td>
<td>A B C D</td>
<td>A B C D</td>
</tr>
<tr>
<td>Anchor Group</td>
<td>A B C D</td>
<td>A B C D</td>
<td>A B C D</td>
<td>A B C D</td>
<td>A B C D</td>
<td>A B C D</td>
</tr>
<tr>
<td>Anchor Group</td>
<td>A B C D</td>
<td>A B C D</td>
<td>A B C D</td>
<td>A B C D</td>
<td>A B C D</td>
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</tr>
<tr>
<td>Anchor Group</td>
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<td>A B C D</td>
<td>A B C D</td>
<td>A B C D</td>
<td>A B C D</td>
<td>A B C D</td>
</tr>
<tr>
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<td>A B C D</td>
<td>A B C D</td>
<td>A B C D</td>
<td>A B C D</td>
<td>A B C D</td>
</tr>
<tr>
<td>Anchor Group</td>
<td>A B C D</td>
<td>A B C D</td>
<td>A B C D</td>
<td>A B C D</td>
<td>A B C D</td>
<td>A B C D</td>
</tr>
</tbody>
</table>

#### 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", positive water DP is 60.00 PSF max. When using the 4" sill, positive water DP is 90.00 PSF max. (Negative pressures unchanged). See Table 3A.
3. Only the 2-1/2", 3-1/4" and 4" sill heights have been tested for water infiltration resistance. The 1-1/2" sill has not and may only be used in a Pass-Through Window, where water infiltration resistance is not required due to roof overhang conditions. Positive design pressures shown in Table 3 may be used when the window is used as a Pass-Through Window.
4. See sheets 10-14 for anchor 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:

<table>
<thead>
<tr>
<th>Sill Height to Max. (+) DP</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Water Infiltration Rating)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sill Riser Height (Flat or Box, see Sheet 7)</th>
<th>(+) Design Pressure, psi</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash - 1-1/2&quot;</td>
<td>see note 3</td>
</tr>
<tr>
<td>Low - 2-1/2&quot;</td>
<td>+ 46.67</td>
</tr>
<tr>
<td>Medium - 3-1/4&quot;</td>
<td>+ 60.00</td>
</tr>
<tr>
<td>High - 4&quot;</td>
<td>+ 90.00</td>
</tr>
</tbody>
</table>

#### DLO Width = Nom. Panel Width - 7"  
DLO Height = Window Unit Height - 10.125"  
Panel Height = Window Unit Height - 1.866"  

#### Example on Sheet 9

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

---

### 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**

---

### Series 770 Alum. SGD-Window - LMI

- **Description:** DP and Anchorage

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SGD-770 Window</td>
<td>NTS 8 = 22 PGT0129 C</td>
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</tbody>
</table>

---

**Product Revised as complying with the Florida Building Code Acceptance No. 2007-01**

**Manital Product Control No.**

**ANTHONY MILLER & ASSOCIATES, INC.**

**A. LYNN MILLER, P.E.**

**P.E. 80704**

---

**Table 3A:**

- **Stile Height to Max. (+) DP**
- **(Water Infiltration Rating)**
- **Sill Riser Height (Flat or Box, see Sheet 7)**
- **(+ Design Pressure, psi)**
- **Flash - 1-1/2"**
- **Low - 2-1/2"**
- **Medium - 3-1/4"**
- **High - 4"**

---

**Sheet LMI:**

- **Series 770 Alum. SGD-Window - LMI**

---

**Product Revised as complying with the Florida Building Code**

**Acceptance No. 2007-01**

**Manital Product Control No.**

**ANTHONY MILLER & ASSOCIATES, INC.**

**A. LYNN MILLER, P.E.**

**P.E. 80704**
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

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, LOOKING INTO KEEPER (ITEM 103) AT FRAME JAMBS 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 - 1.865"

EXAMPLE: 90° INSIDE CORNER, 4 PANELS - XXXX

INTERLOCK DETAIL 'M', SHEET 19

JAMB DETAIL 'G', SHEET 18; INSTALLATION DETAILS 'Gw' & 'Gc', SHEETS 12 & 13

CORNER DETAIL 'N', SHEET 19 & CORNER ANCHORAGE SHEET 11

SILICONE BY OTHERS

#8 X 1" PH SMS
#10 X 1-1/2" PH SMS

ANCHORAGE DETAILS / EXAMPLE ELEVATION
SERIES 770 ALUM. SGD-WINDOW - LMI

CERT. OF AUTH. R26306

PGT

A. LYNN MILLER, P.E.
P.E.0.06005

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 440-0000

#12" X 1-3/4" SELF-DRILLING SCREW, MIN. (1) REQUIRED
### PANEL'S RIGHT STILE TYPE

<table>
<thead>
<tr>
<th>PANEL TYPES</th>
<th>SINGLE INTERLOCK OUT</th>
<th>SINGLE INTERLOCK IN</th>
<th>FIXED STILE</th>
<th>LOCKSTILE W/ HANDLE</th>
<th>ASTRAGAL BOX OUT</th>
<th>ASTRAGAL BOX IN</th>
<th>INT CORNER 90° LOCKSTILE W/ HANDLE</th>
<th>INT CORNER 90° LOCKSTILE W/ HANDLE</th>
<th>INT CORNER 90° RECEIVER W/ HANDLE</th>
<th>INT CORNER 90° RECEIVER W/ HANDLE</th>
<th>INT CORNER 90° RECEIVER W/ HANDLE</th>
<th>INT CORNER 90° RECEIVER W/ HANDLE</th>
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<tbody>
<tr>
<td>SINGLE INTERLOCK OUT</td>
<td>F</td>
<td>PP</td>
<td>K</td>
<td>L (BOX OUT)</td>
<td>TR</td>
<td>TQ</td>
<td>TC</td>
<td>TA</td>
<td>TV</td>
<td>TW</td>
<td>FD</td>
<td>FC</td>
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<tr>
<td>SINGLE INTERLOCK IN</td>
<td>B</td>
<td>E</td>
<td>P</td>
<td>A</td>
<td>C</td>
<td>C</td>
<td>IC</td>
<td>SQ</td>
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<td>SW</td>
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<td>FIXED STILE</td>
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<td>C</td>
<td>IC</td>
<td>SQ</td>
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<td>SW</td>
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<td>M</td>
<td>J</td>
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<td>J</td>
<td>J (BOX IN)</td>
<td>C</td>
<td>C</td>
<td>IC</td>
<td>SQ</td>
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<td>SA</td>
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<td>L</td>
<td>N (BOX OUT)</td>
<td>N (BOX IN)</td>
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<td>U</td>
<td>T</td>
<td>U</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>ASTRAGAL BOX IN</td>
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<td>T</td>
<td>U</td>
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<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>INT CORNER 90° BOX OUT</td>
<td>RT</td>
<td>CI</td>
<td>QT</td>
<td>QS</td>
<td>CT</td>
<td>CS</td>
<td>AT</td>
<td>AS</td>
<td>DF</td>
<td></td>
<td></td>
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<tr>
<td>INT CORNER 90° BOX IN</td>
<td>CF</td>
<td>VT</td>
<td>VS</td>
<td>VF</td>
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<td>WS</td>
<td>WF</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### PANEL NOTES:
1. SEE DP TABLES 1-3, SHEETS 6-8 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 (#61), CORNER RECEIVER (#118) AND EITHER EXTERIOR (#119) OR INTERIOR (#120) CORNER ASTRAGALS.
4. 135° ASTRAGALS TO USE HEAVY-DUTY STILES (#61) AND CORNER ADDON (#31).

### SILL RISERS OPTIONS

- **SILL RISER FLAT**
  - **FLUSH, 1-1/2″**
  - **LOW, 2-1/2″**
  - **MEDIUM, 3-1/4″**
  - **HIGH, 4″**

- **SILL RISER BOX**
  - **FLUSH, 1-1/2″**
  - **LOW, 2-1/2″**
  - **MEDIUM, 3-1/4″**
  - **HIGH, 4″**

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

---

**DATE:** 11/24/11

**PRODUCT REVISED** on everything with the Florida Building Code. Application No. 11-008819

**Designation:** 12.85.25

**Signature:**

**Units of Technology Drive**
N. VENICE, FL 34275
(941) 460-1905

**Cert. of Auth.: R.08096**

**Description:** SERIES 770 ALUM. SGD-WINDOW - LMI

**Company:** PGT

**Serial No.:** NTS 17 = 22

**Revision:** PGT0120 C

**Rev.:** 02/2014
ASSEMBLY DETAILS
(SEE SHEETS 12-14 FOR INSTALLATION DETAILS)

STANDARD ASTRAGAL #67
1. WITH STANDARD STILES #60
EXTERIOR BOX ASTRAGAL SHOWN (BOX-OUT) MAY ALSO BE INSTALLED TOWARDS INTERIOR (BOX-IN)

HEAVY-DUTY ASTRAGAL #68
2. WITH HEAVY-DUTY STILES #61
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

135° INSIDE CORNER 2-TRACK SHOWN

* 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.

PRODUCT REVISED as complying with the Florida Building Code:
Appraiser No. 19-22-9300
Anthony Lynn Miller, P.E.
Original Date: 02/21/15
A. Lynn Miller, P.E.
P.E. No. 00700
### Parts List

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<th>Description</th>
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<td>617307</td>
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**Notes:**
1. All aluminum = 6063-T6
2. Items # 53-39, 56-59, 66, 76 & 84-99 are not used and are not part of this approval.