



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

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

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-2500 Dry-Glazed" Aluminum Horizontal Sliding Window - N. I.

**APPROVAL DOCUMENT:** Drawing No. 757-1, titled "Alum. Sliding Glass Window, Non-Impact", sheets 1 through 18 of 18, dated 09/08/04, with revision L dated 05/28/15, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: None.

**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 NOA# 12-0730.01 and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

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



*MP*  
8/14/15

NOA No. 15-0609.09  
Expiration Date: May 22, 2018  
Approval Date: August 20 2015  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.  
*(Submitted under NOA No. 07-0403.01, 04-1220.05, 02-0701.03 & 96-1023.03)*
2. Drawing No. 757-1, titled "Alum. Sliding Glass Window, Non-Impact", sheets 1 through 18 of 18, dated 09/08/04, with revision L dated 05/28/15, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

**B. TESTS**

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94  
along with marked-up drawings and installation diagram of a dry-glazed aluminum horizontal sliding window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5095**, dated 12/13/06, signed and sealed by Edmundo J. Largaespada, P.E. *(Submitted under NOA No. 07-0403.01)*
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) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94  
along with marked-up drawings and installation diagram of a dry-glazed aluminum sliding glass window, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-3117, FTL-3102, FTL-3596, FTL-4341, FTL-4273, FTL-4275, FTL-4277, FTL-4278, FTL-4280 and FTL-4285**, dated 07/23-22-26/04 9/19-28/04, all signed and sealed by Edmundo J. Largaespada, P.E. *(Submitted under NOA No. 04-1220.05)*
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) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94  
along with marked-up drawings and installation diagram of a dry-glazed aluminum sliding glass window, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-3102 and FTL-3116**, dated 06/18-19/01 signed and sealed by Edmundo J. Largaespada, P.E. *(Submitted under NOA No. 02-1701.03)*

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 15-0609.09

Expiration Date: May 22, 2018  
Approval Date: August 20 2015

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**B. TESTS (CONTINUED)**

4. Test reports on: 1) Air Infiltration Test, per SBC, PA 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, and TAS 202-94  
along with marked-up drawings and installation diagram of a dry-glazed aluminum sliding glass window, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-1381**, dated 09/16/96 signed and sealed by Gilbert Diamond, P.E.  
*(Submitted under NOA No. 96-1023.03)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with **FBC-5<sup>th</sup> Edition (2014)**, dated 05/29/15, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.  
2. Glazing complies with **ASTM E1300-04**

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. None.

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC-5<sup>th</sup> Edition (2014)**, dated May 29, 2015, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.  
2. Statement letter of no financial interest, dated May 29, 2015, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.  
3. Laboratory compliance letter for Test Report No. **FTL-5095**, issued by Fenestration Testing Laboratory, Inc., dated 12/13/06, signed and sealed by Edmundo J. Largaespada, P.E.  
*(Submitted under previous NOA No. 07-0403.01)*  
4. Laboratory compliance letter for Test Reports No. **FTL-3117, FTL-3102, FTL-3596, FTL-4341, FTL-4273, FTL-4275, FTL-4277, FTL-4278, FTL-4280 and FTL-4285**, issued by Fenestration Testing Laboratory, Inc., dated 09/28/04, all signed and sealed by Edmundo J. Largaespada, P.E.  
*(Submitted under previous NOA No. 04-1220.05)*

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 15-0609.09  
Expiration Date: May 22, 2018  
Approval Date: August 20 2015

**PGT Industries, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**F. STATEMENTS (CONTINUED)**

5. Laboratory compliance letter for Test Reports No. **FTL-3102** and **FTL-3116**, issued by Fenestration Testing Laboratory, Inc., dated 06/19/01, all signed and sealed by Luis Figueredo, P.E.  
*(Submitted under NOA No. 02-0701.03)*
6. Laboratory compliance letter for Test Report No. **FTL-1381**, issued by Fenestration Testing Laboratory, Inc., dated 09/16/96, signed and sealed by Gilbert diamond, P.E.  
*(Submitted under previous NOA No. 96-0701.03)*

**G. OTHERS**

1. Notice of Acceptance No. **12-0730.01**, issued to PGT Industries for their Series "SGD-2500 Dry-Glazed" Aluminum Horizontal Sliding Window - N.I." approved on 10/18/12 and expiring on 05/22/18.



Manuel Perez P.E.  
Product Control Examiner  
NOA No. 15-0609.09

Expiration Date: May 22, 2018  
Approval Date: August 20 2015

# GENERAL NOTES: NON-IMPACT SLIDING GLASS WINDOW

## 1. GLAZING OPTIONS:

- 3/16" ANNEALED GLASS. 60" HIGH COUNTER TOP APPLICATION ONLY, TEST REPORT FTL-4278.
- 3/16" TEMPERED GLASS. TEST REPORTS FTL-3116, FTL3117, FTL-4277 AND FTL-5095.
- 1/4" TEMPERED GLASS. TEST REPORT FTL-3102.
- 5/8" INSULATED GLASS (I.G.); (2) LITES OF 3/16" TEMPERED GLASS WITH A 1/4" AIR SPACE. TEST REPORTS FTL-4273, FTL-4275, FTL-4280, FTL-4285 AND FTL-4341.

## 2. CONFIGURATIONS: SEE SHEET 4.

## 3. DESIGN PRESSURES: SEE TABLES 1-3 ON SHEETS 2 AND 3.

- NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS TABLES ASTM E 1300.  $\Delta$
- POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE AND GLASS TABLES ASTM E 1300.  $\Delta$

## 4. ANCHORAGE: THE 33 1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FBC. FOR ANCHORAGE DETAILS, SEE SHEETS 15 AND 18.

## 5. MIAMI-DADE COUNTY APPROVED SHUTTERS ARE REQUIRED IN MIAMI-DADE COUNTY AND WHERE IMPACT RESISTANCE IS REQUIRED.

## 6. INSTALLATION SCREWS, FRAME AND PANEL CORNERS SEALED WITH SCHNEE/MOREHEAD SEAM SEALER.

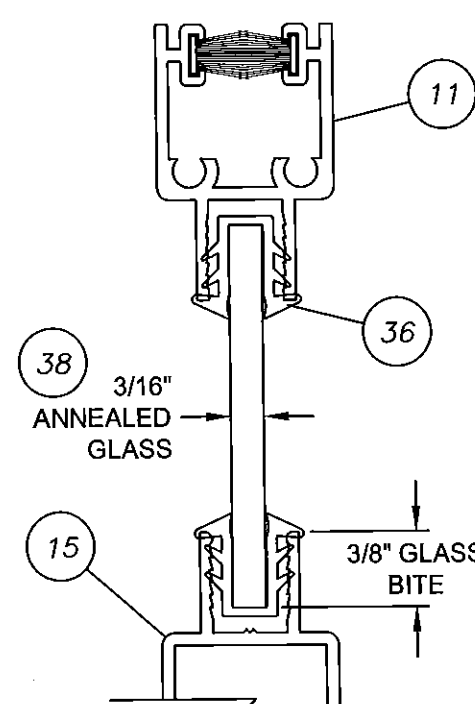
## 7. REFERENCES: TEST REPORTS FTL-3102, FTL-3116, FTL-3117, FTL-3596, FTL-4273, FTL-4275, FTL-4277, FTL-4278, FTL-4280, FTL-4285, FTL-4341 AND 5095.

- >ELCO ULTRACON AND CRETEFLEX NOA'S
- >ANSI/AF&PA NDS FOR WOOD CONSTRUCTION  $\Delta$
- >ALUMINUM DESIGN MANUAL

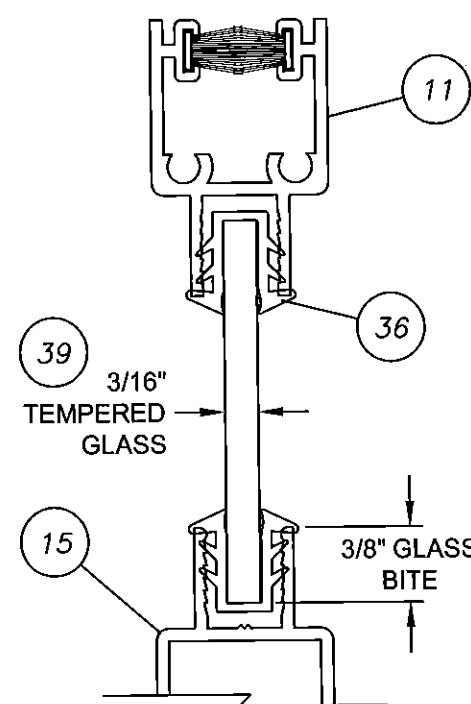
## 8. THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).

## NOA DRAWING MAP

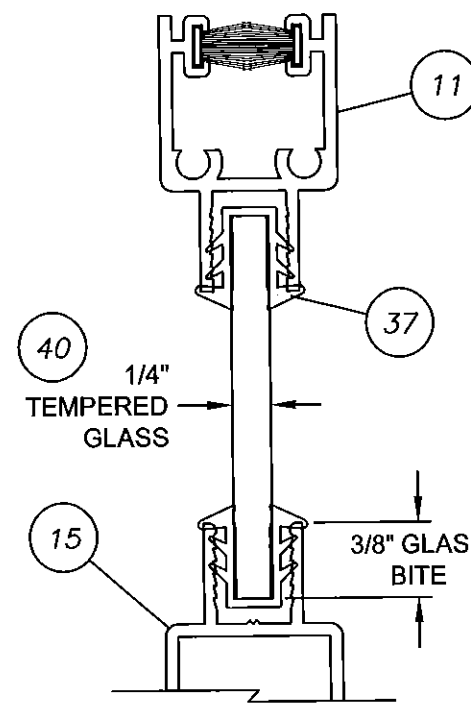
|                            | SHEET |
|----------------------------|-------|
| GENERAL NOTES.....         | 1     |
| GLAZING DETAILS.....       | 1     |
| DESIGN PRESSURES.....      | 2-3   |
| CONFIGURATIONS.....        | 4     |
| ELEVATIONS.....            | 5     |
| VERT. SECTIONS.....        | 6     |
| HORIZ. SECTIONS.....       | 7-9   |
| "X" & "O" CLIP INSTALL.... | 10    |
| PARTS LIST.....            | 11    |
| EXTRUSIONS.....            | 12-14 |
| ANCHORAGE.....             | 15-18 |



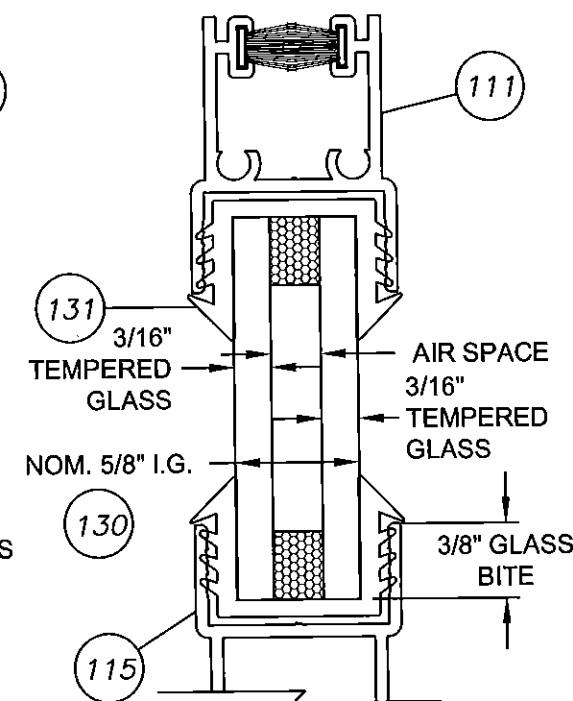
3/16" MONOLITHIC GLASS  
GLASS TYPE A



3/16" MONOLITHIC GLASS  
GLASS TYPE B

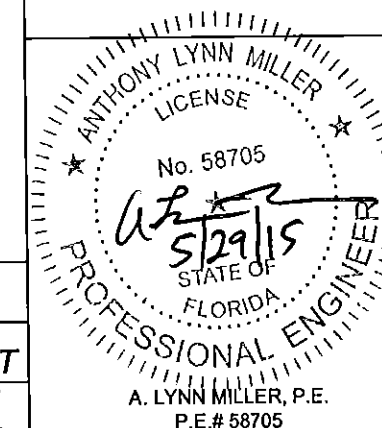


1/4" MONOLITHIC GLASS  
GLASS TYPE C



5/8" I.G. GLASS  
GLASS TYPE D

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 15-0609.09  
Expiration Date May 22, 2018  
By *Manuel Perez*  
Miami Trade Product Control



|                  |                |                  |                                                                                                       |
|------------------|----------------|------------------|-------------------------------------------------------------------------------------------------------|
| Revised By: F.K. | Date: 10/22/07 | Revisions: J     | NO CHANGES THIS SHEET                                                                                 |
| Revised By: J.J. | Date: 10/14/11 | Revisions: K     | FBC 2010 CODE CHANGE                                                                                  |
| Revised By: L.M. | Date: 5/28/15  | Revisions: L     | 5th EDITION FBC (2014) CODE UPDATE, REMOVE E1300 EDITION, ANCHOR NOA NUMBERS AND ADMNDS EDITION YEARS |
| Drawn By: F.K.   | Date: 09/08/04 | Checked By: J.J. | Date: 04/02/06                                                                                        |

1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275  
P.O. BOX 1529  
NOKOMIS, FL 34274

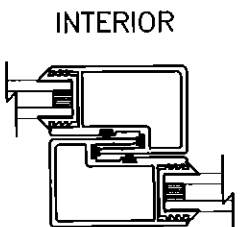


|               |                                        |        |     |                |
|---------------|----------------------------------------|--------|-----|----------------|
| Description:  | NOTES, GLAZING DETAILS & MAP           |        |     |                |
| Title:        | ALUM. SLIDING GLASS WINDOW, NON-IMPACT |        |     |                |
| Series/Model: | SGD2500                                | Scale: | NTS | Sheet: 1 of 18 |
| Drawing No.   | 757-1                                  | Rev:   | L   |                |

COMPARATIVE ANALYSIS: A. FTL-4278; 3/16" ANNEALED (60" HIGH MAX.)  
>EXTENDED SILL, 2 1/2" HIGH B. FTL-4277; 3/16" OR 1/4" TEMPERED  
>SINGLE/SINGLE INTERLOCK D. FTL-4280; 5/8" TEMPERED I.G. (3/16"T, 1/4"SPACE, 3/16"T)  
>NO REINFORCEMENT (SEE SECTIONS SHEET 7)

TABLE 1.

| NOM.<br>PANEL<br>WIDTH | GLASS | OVER-ALL UNIT HEIGHT  |        |                       |        |                       |        |                       |        |                       |        |                       |        |                       |        |
|------------------------|-------|-----------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|
|                        |       | 36" (3 <sup>0</sup> ) |        | 42" (3 <sup>6</sup> ) |        | 48" (4 <sup>0</sup> ) |        | 54" (4 <sup>6</sup> ) |        | 60" (5 <sup>0</sup> ) |        | 72" (6 <sup>0</sup> ) |        | 80" (6 <sup>8</sup> ) |        |
| 24" (2 <sup>0</sup> )  | A     | +65.0                 | -123.0 | +65.0                 | -94.7  | +65.0                 | -86.2  | +65.0                 | -80.9  | +65.0                 | -76.2  |                       |        |                       |        |
|                        | B     | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -112.0 | +65.0                 | -98.8  |
|                        | D     | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -121.3 | +65.0                 | -107.1 |
| 30" (2 <sup>6</sup> )  | A     | +65.0                 | -93.5  | +65.0                 | -84.1  | +65.0                 | -73.6  | +62.5                 | -62.5  | +55.6                 | -55.6  |                       |        |                       |        |
|                        | B     | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -119.5 | +65.0                 | -94.3  | +65.0                 | -82.7  |
|                        | D     | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -129.4 | +65.0                 | -102.2 | +65.0                 | -89.6  |
| 36" (3 <sup>0</sup> )  | A     | +65.0                 | -86.8  | +65.0                 | -77.4  | +65.0                 | -67.4  | +58.7                 | -58.7  | +51.1                 | -51.1  |                       |        |                       |        |
|                        | B     | +65.0                 | -106.7 | +65.0                 | -106.7 | +65.0                 | -106.7 | +65.0                 | -106.7 | +65.0                 | -106.7 | +65.0                 | -83.0  | +65.0                 | -72.3  |
|                        | D     | +65.0                 | -115.6 | +65.0                 | -115.6 | +65.0                 | -115.6 | +65.0                 | -115.6 | +65.0                 | -115.6 | +65.0                 | -89.9  | +65.0                 | -78.3  |
| 42" (3 <sup>6</sup> )  | A     | +65.0                 | -77.0  | +65.0                 | -70.3  | +61.5                 | -61.5  | +55.4                 | -55.4  | +49.4                 | -49.4  |                       |        |                       |        |
|                        | B     | +65.0                 | -80.0  | +65.0                 | -78.4  | +65.0                 | -78.4  | +65.0                 | -78.4  | +65.0                 | -78.4  | +65.0                 | -75.3  | +65.0                 | -65.1  |
|                        | D     | +65.0                 | -86.7  | +65.0                 | -84.9  | +65.0                 | -84.9  | +65.0                 | -84.9  | +65.0                 | -84.9  | +65.0                 | -81.6  | +65.0                 | -70.5  |
| 48" (4 <sup>0</sup> )  | A     | +65.0                 | -67.0  | +61.7                 | -61.7  | +56.7                 | -56.7  | +50.8                 | -50.8  | +46.7                 | -46.7  |                       |        |                       |        |
|                        | B     | +64.0                 | -64.0  | +61.0                 | -61.0  | +60.0                 | -60.0  | +60.0                 | -60.0  | +60.0                 | -60.0  | +60.0                 | -60.0  | +60.0                 | -60.0  |
|                        | D     | +65.0                 | -69.3  | +65.0                 | -66.0  | +65.0                 | -65.0  | +65.0                 | -65.0  | +65.0                 | -65.0  | +65.0                 | -65.0  | +65.0                 | -65.0  |



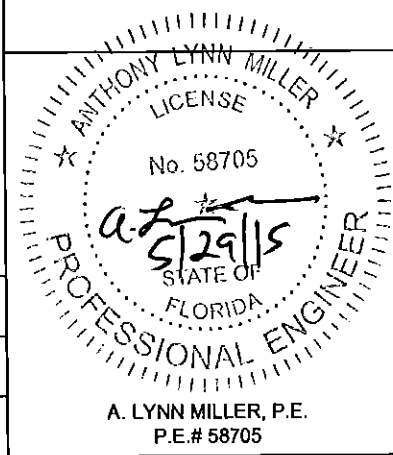
INTERIOR  
EXTERIOR  
SINGLE/SINGLE INTERLOCK  
NO REINFORCEMENT

| SEE NOTES 1 & 2   |                          |
|-------------------|--------------------------|
| SILL HEIGHT (IN.) | POS. DESIGN PRESS. (PSF) |
| 2 1/2"            | +65.0                    |
| 1 3/4"            | +35.3                    |
| INTERIOR SILL     | NOT RATED                |

- NOTES:
1. POSITIVE DESIGN PRESSURES SHOWN IN TABLES ARE BASED ON THE 2 1/2" HIGH SILL. POSITIVE DESIGN PRESSURE IS LIMITED TO 35.3 PSF WITH THE 1 3/4" SILL. NEGATIVE PRESSURES ARE UNCHANGED.
  2. INTERIOR SILL IS USED WHERE WATER RESISTANCE IS NOT REQUIRED, IN WHICH CASE POSITIVE DESIGN PRESSURE EQUALS THE NEGATIVE DESIGN PRESSURE SHOWN IN THIS TABLE FOR THE RESPECTIVE SIZE.
  3. OPERABLE WINDOWS MUST MEET MINIMUM EGRESS/EXCAPE REQUIREMENTS PER THE FBC.

|                  |                |                  |                                                                                    |                                                                                      |                                                                                                         |                                                 |            |                |                   |        |  |
|------------------|----------------|------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-------------------------------------------------|------------|----------------|-------------------|--------|--|
| Revised By: F.K. | Date: 10/22/07 | Revisions: J     | ADD SILL HT. VS +DP TABLE<br>REMOVE TEST REPORTS REFERENCES TO FTL-3117 & FTL-4285 | 1070 TECHNOLOGY DRIVE<br>NOKOMIS, FL 34275<br><br>P.O. BOX 1529<br>NOKOMIS, FL 34274 | <br>Visibly Better | Description: DESIGN PRESSURES, NO REINFORCEMENT |            |                |                   |        |  |
| Revised By: J.J. | Date: 10/14/11 | Revisions: K     | NO CHANGE THIS SHEET                                                               |                                                                                      |                                                                                                         | Title: ALUM. SLIDING GLASS WINDOW, NON-IMPACT   |            |                |                   |        |  |
| Revised By: L.M. | Date: 5/28/15  | Revisions: L     | NO CHANGE THIS SHEET                                                               |                                                                                      |                                                                                                         | Series/Model: SGD2500                           | Scale: NTS | Sheet: 2 of 18 | Drawing No. 757-1 | Rev: L |  |
| Drawn By: F.K.   | Date: 09/08/04 | Checked By: J.J. | Date: 04/02/06                                                                     |                                                                                      |                                                                                                         |                                                 |            |                |                   |        |  |

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 15-0609.09  
Expiration Date May 22, 2018  
By *Manuel Frey*  
Miami Dade Product Control



## COMPARATIVE ANALYSIS:

&gt;EXTENDED SILL, 2 1/2" HIGH

&gt;SINGLE/SINGLE INTERLOCK

&gt;FULL REINFORCEMENT (SEE SECTIONS SHEET 8)

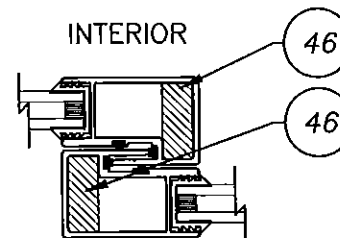
## GLASS TYPE:

B. FTL-3116; 3/16" OR 1/4" TEMPERED

D. FTL-4341; 5/8" TEMPERED I.G. (3/16"T, 1/4"SPACE, 3/16"T)

TABLE 2.

| NOM.<br>PANEL<br>WIDTH | GLASS | OVER-ALL UNIT HEIGHT  |        |                       |        |                       |        |                       |        |                       |        |                       |        |                       |        |
|------------------------|-------|-----------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|
|                        |       | 36" (3 <sup>0</sup> ) |        | 42" (3 <sup>6</sup> ) |        | 48" (4 <sup>0</sup> ) |        | 54" (4 <sup>6</sup> ) |        | 60" (5 <sup>0</sup> ) |        | 72" (6 <sup>0</sup> ) |        | 80" (6 <sup>8</sup> ) |        |
| 24" (2 <sup>0</sup> )  | B     | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -120.0 | +65.0                 | -105.9 |
|                        | D     | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -120.0 | +65.0                 | -105.9 |
| 30" (2 <sup>6</sup> )  | B     | +65.0                 | -128.0 | +65.0                 | -128.0 | +65.0                 | -128.0 | +65.0                 | -128.0 | +65.0                 | -128.0 | +65.0                 | -101.1 | +65.0                 | -88.6  |
|                        | D     | +65.0                 | -128.0 | +65.0                 | -128.0 | +65.0                 | -128.0 | +65.0                 | -128.0 | +65.0                 | -128.0 | +65.0                 | -101.1 | +65.0                 | -88.6  |
| 36" (3 <sup>0</sup> )  | B     | +65.0                 | -88.9  | +65.0                 | -88.9  | +65.0                 | -88.9  | +65.0                 | -88.9  | +65.0                 | -88.9  | +65.0                 | -88.9  | +65.0                 | -77.4  |
|                        | D     | +65.0                 | -88.9  | +65.0                 | -88.9  | +65.0                 | -88.9  | +65.0                 | -88.9  | +65.0                 | -88.9  | +65.0                 | -88.9  | +65.0                 | -77.4  |
| 42" (3 <sup>6</sup> )  | B     | +65.0                 | -66.7  | +65.0                 | -65.3  | +65.0                 | -65.3  | +65.0                 | -65.3  | +65.0                 | -65.3  | +65.0                 | -65.3  | +65.0                 | -65.3  |
|                        | D     | +65.0                 | -66.7  | +65.0                 | -65.3  | +65.0                 | -65.3  | +65.0                 | -65.3  | +65.0                 | -65.3  | +65.0                 | -65.3  | +65.0                 | -65.3  |
| 48" (4 <sup>0</sup> )  | B     | +53.3                 | -53.3  | +50.8                 | -50.8  | +50.0                 | -50.0  | +50.0                 | -50.0  | +50.0                 | -50.0  | +50.0                 | -50.0  | +50.0                 | -50.0  |
|                        | D     | +53.3                 | -53.3  | +50.8                 | -50.8  | +50.0                 | -50.0  | +50.0                 | -50.0  | +50.0                 | -50.0  | +50.0                 | -50.0  | +50.0                 | -50.0  |



EXTERIOR

SINGLE/SINGLE  
INTERLOCK  
REINFORCED

SEE NOTES 1 &amp; 2

| SILL HEIGHT (IN.) | POS. DESIGN PRESS. (PSF) |
|-------------------|--------------------------|
| 2 1/2"            | +65.0                    |
| 1 3/4"            | +35.3                    |
| INTERIOR SILL     | NOT RATED                |

## COMPARATIVE ANALYSIS:

&gt;EXTENDED SILL, 2 1/2" HIGH

&gt;SINGLE/DOUBLE INTERLOCK (OUTSIDE) D. FTL-4273 &amp; FTL-4275; 5/8" TEMPERED I.G. (3/16"T, 1/4"SPACE, 3/16"T)

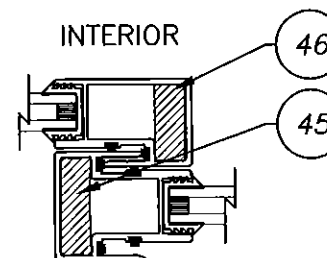
&gt;FULL REINFORCEMENT (SEE SECTIONS SHEET 9)

## GLASS TYPE:

C. FTL-3102; 1/4" TEMPERED

TABLE 3.

| NOM.<br>PANEL<br>WIDTH | GLASS | OVER-ALL UNIT HEIGHT  |        |                       |        |                       |        |                       |        |                       |        |                       |        |                       |        |
|------------------------|-------|-----------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|
|                        |       | 36" (3 <sup>0</sup> ) |        | 42" (3 <sup>6</sup> ) |        | 48" (4 <sup>0</sup> ) |        | 54" (4 <sup>6</sup> ) |        | 60" (5 <sup>0</sup> ) |        | 72" (6 <sup>0</sup> ) |        | 80" (6 <sup>8</sup> ) |        |
| 24" (2 <sup>0</sup> )  | C     | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -127.1 |
|                        | D     | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 |
| 30" (2 <sup>6</sup> )  | C     | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -121.3 | +65.0                 | -106.3 |
|                        | D     | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -130.0 | +65.0                 | -115.2 |
| 36" (3 <sup>0</sup> )  | C     | +65.0                 | -106.7 | +65.0                 | -106.7 | +65.0                 | -106.7 | +65.0                 | -106.7 | +65.0                 | -106.7 | +65.0                 | -106.7 | +65.0                 | -92.9  |
|                        | D     | +65.0                 | -115.6 | +65.0                 | -115.6 | +65.0                 | -115.6 | +65.0                 | -115.6 | +65.0                 | -115.6 | +65.0                 | -115.6 | +65.0                 | -100.6 |
| 42" (3 <sup>6</sup> )  | C     | +65.0                 | -80.0  | +65.0                 | -78.4  | +65.0                 | -78.4  | +65.0                 | -78.4  | +65.0                 | -78.4  | +65.0                 | -78.4  | +65.0                 | -78.4  |
|                        | D     | +65.0                 | -86.7  | +65.0                 | -84.9  | +65.0                 | -84.9  | +65.0                 | -84.9  | +65.0                 | -84.9  | +65.0                 | -84.9  | +65.0                 | -84.9  |
| 48" (4 <sup>0</sup> )  | C     | +64.0                 | -64.0  | +61.0                 | -61.0  | +60.0                 | -60.0  | +60.0                 | -60.0  | +60.0                 | -60.0  | +60.0                 | -60.0  | +60.0                 | -60.0  |
|                        | D     | +65.0                 | -69.3  | +65.0                 | -66.0  | +65.0                 | -65.0  | +65.0                 | -65.0  | +65.0                 | -65.0  | +65.0                 | -65.0  | +65.0                 | -65.0  |



EXTERIOR

SINGLE/DOUBLE  
INTERLOCK  
REINFORCED

- NOTES: 1. POSITIVE DESIGN PRESSURES SHOWN IN TABLES ARE BASED ON THE 2 1/2" HIGH SILL. POSITIVE DESIGN PRESSURE IS LIMITED TO 35.3 PSF WITH THE 1 3/4" SILL. NEGATIVE PRESSURES ARE UNCHANGED.
2. INTERIOR SILL IS USED WHERE WATER RESISTANCE IS NOT REQUIRED, IN WHICH CASE POSITIVE DESIGN PRESSURE EQUALS THE NEGATIVE DESIGN PRESSURE SHOWN IN THIS TABLE FOR THE RESPECTIVE SIZE.
3. OPERABLE WINDOWS MUST MEET THE MINIMUM EGRESS/ESCAPE REQUIREMENTS PER THE FBC.

|                  |                |                  |                           |
|------------------|----------------|------------------|---------------------------|
| Revised By: F.K. | Date: 10/22/07 | Revisions: J     | ADD SILL HT. VS +DP TABLE |
| Revised By: J.J. | Date: 10/14/11 | Revisions: K     | NO CHANGE THIS SHEET      |
| Revised By: L.M. | Date: 5/28/15  | Revisions: L     | NO CHANGE THIS SHEET      |
| Drawn By: F.K.   | Date: 09/08/04 | Checked By: J.J. | Date: 04/02/06            |

1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275P.O. BOX 1529  
NOKOMIS, FL 34274
**PGT**  
Visibly Better

Description:

DESIGN PRESSURES, REINFORCED

Title:

ALUM. SLIDING GLASS WINDOW, NON-IMPACT

Series/Model:

SGD2500

Scale:

NTS

Sheet:

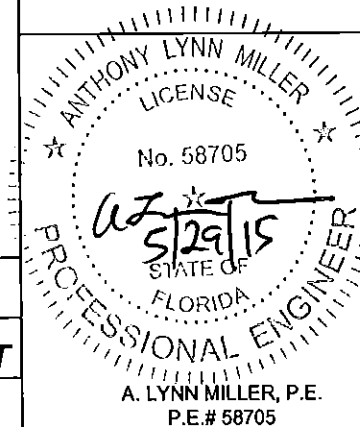
3 of 18

Drawing No.

757-1

Rev:

L



PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 15-0609.09  
Expiration Date May 22, 2018  
By *Manuel Perez*  
Miami/Dade Product Control

| CODE | PANEL TYPES       |                   |
|------|-------------------|-------------------|
| A    | R.H. INTERLOCK    | LOCKSTILE         |
| B    | R.H. INTERLOCK    | R.H. INTERLOCK    |
| C    | R.H. INTERLOCK    | REVERSE ASTRAGAL  |
| D    | LOCKSTILE         | INTERLOCK R.H.    |
| E    | L.H. INTERLOCK    | R.H. INTERLOCK    |
| F    | L.H. INTERLOCK    | L.H. INTERLOCK    |
| G    | LOCKSTILE         | DOUBLE INTERLOCK  |
| H    | R.H. INTERLOCK    | L.H. INTERLOCK    |
| I    | DOUBLE INTERLOCK  | DOUBLE INTERLOCK  |
| J    | LOCKSTILE         | STANDARD ASTRAGAL |
| K    | L.H. INTERLOCK    | LOCKSTILE         |
| L    | L.H. INTERLOCK    | STANDARD ASTRAGAL |
| M    | LOCKSTILE         | L.H. INTERLOCK    |
| N    | STANDARD ASTRAGAL | L.H. INTERLOCK    |
| P    | R.H. INTERLOCK    | FIXED LOCKSTILE   |

| CODE | PANEL TYPES       |                   |
|------|-------------------|-------------------|
| R    | FIXED LOCKSTILE   | L.H. INTERLOCK    |
| S    | FIXED LOCKSTILE   | STANDARD ASTRAGAL |
| T    | REVERSE ASTRAGAL  | FIXED LOCKSTILE   |
| U    | REVERSE ASTRAGAL  | LOCKSTILE         |
| V    | FIXED LOCKSTILE   | FIXED LOCKSTILE   |
| W    | DOUBLE INTERLOCK  | STANDARD ASTRAGAL |
| Y    | FIXED LOCKSTILE   | DOUBLE INTERLOCK  |
| Z    | LOCKSTILE         | LOCKSTILE         |
| YR   | DOUBLE INTERLOCK  | FIXED LOCKSTILE   |
| GR   | DOUBLE INTERLOCK  | LOCKSTILE         |
| LR   | REVERSE ASTRAGAL  | R.H. INTERLOCK    |
| WR   | STANDARD ASTRAGAL | DOUBLE INTERLOCK  |
| DS   | DOUBLE INTERLOCK  | R.H. INTERLOCK    |
| SD   | L.H. INTERLOCK    | DOUBLE INTERLOCK  |

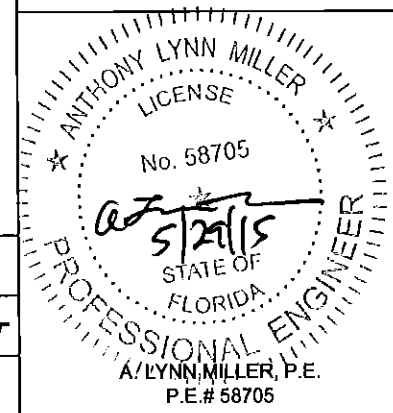
- CONFIGURATION NOTES:**
1. MAXIMUM DAYLIGHT OPENING OF THE ADJACENT 48" NOMINAL WIDTH PANEL TYPES IS 44 1/8".
  2. MAX. DLO HEIGHT = 75 3/4"
  3. CONFIGURATIONS INCLUDE BY-PASS, POCKET AND ANY COMINATION THEREOF (LIMITED TO EIGHT PANELS AND SEVEN TRACK FRAMES) FRAMES OVER 3-TRACKS ARE MADE UP OF THE APPROVED FRAME COMPONENTS SHOWN ON SHEETS 13 AND 14 OF THIS NOA.

EXAMPLE MAXIMUM CONFIGURATIONS:  
A. EIGHT PANELS ON FOUR TRACKS (CENTER MEET)  
B. FIVE PANELS ON FIVE TRACKS (BY-PASS)

SEE LIST BELOW

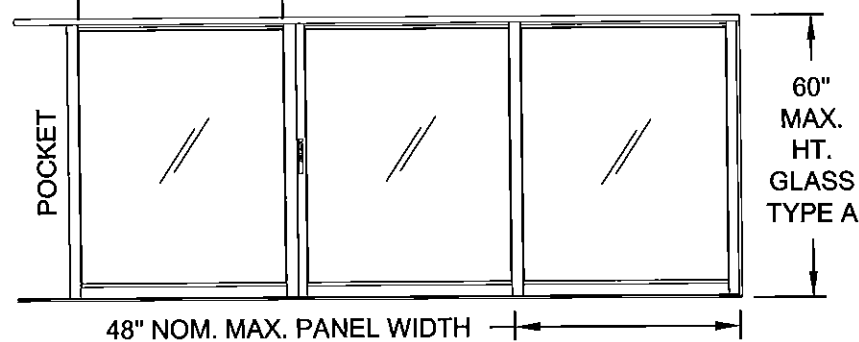
|    |           |
|----|-----------|
| 1  | X         |
| 2  | XX        |
| 3  | OX        |
| 4  | XO        |
| 5  | OO        |
| 6  | XXX       |
| 7  | XOO       |
| 8  | OOX       |
| 9  | XXO       |
| 10 | OXX       |
| 11 | OXO       |
| 12 | XOX       |
| 13 | OOO       |
| 14 | XXX       |
| 15 | OXXO      |
| 16 | OXXX      |
| 17 | XXO       |
| 18 | OOXX      |
| 19 | XXOO      |
| 20 | OOOX      |
| 21 | XOOO      |
| 22 | OOOO      |
| 23 | XXXX      |
| 24 | OXXX      |
| 25 | OX-XXO    |
| 26 | OXX-XO    |
| 27 | XXXXO     |
| 28 | OOOOO     |
| 29 | XXX-XXX   |
| 30 | OXX-XXO   |
| 31 | XXXX-XXXX |
| 32 | OXXX-XXXO |

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 15-0609-09  
Expiration Date May 17, 2018  
By *Manuel Diaz*  
Miami Dade Product Control

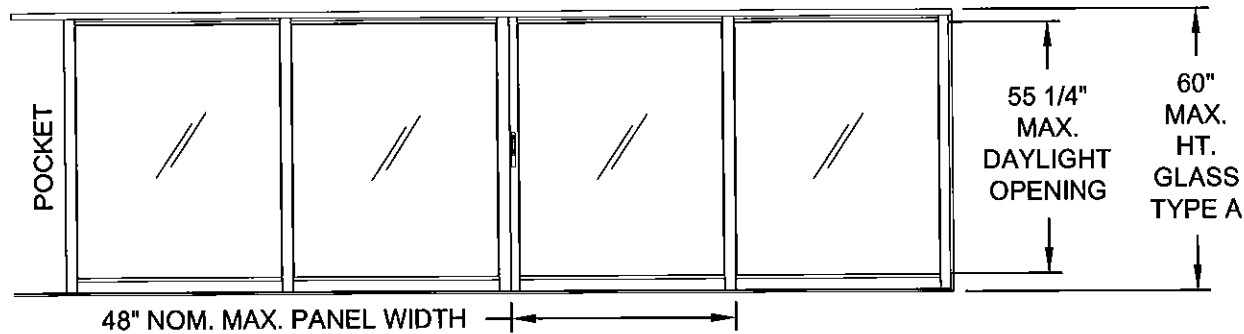


|                  |                |                  |                                                      |                                                                                      |                              |                                               |            |                |                   |        |
|------------------|----------------|------------------|------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------|-----------------------------------------------|------------|----------------|-------------------|--------|
| Revised By: F.K. | Date: 10/22/07 | Revisions: J     | REMOVE EXCESS FROM NOTE 3 AND ADD CONFIGURATION LIST | 1070 TECHNOLOGY DRIVE<br>NOKOMIS, FL 34275<br><br>P.O. BOX 1529<br>NOKOMIS, FL 34274 | <b>PGT</b><br>Visibly Better | Description: PANEL TYPES                      |            |                |                   |        |
| Revised By: J.J. | Date: 10/14/11 | Revisions: K     | NO CHANGE THIS SHEET                                 |                                                                                      |                              | Title: ALUM. SLIDING GLASS WINDOW, NON-IMPACT |            |                |                   |        |
| Revised By: L.M. | Date: 6/28/15  | Revisions: L     | NO CHANGE THIS SHEET                                 |                                                                                      |                              | Series/Model: SGD2500                         | Scale: NTS | Sheet: 4 of 18 | Drawing No. 757-1 | Rev: L |
| Drawn By: F.K.   | Date: 09/08/04 | Checked By: J.J. | Date: 04/02/06                                       |                                                                                      |                              |                                               |            |                |                   |        |

44 1/8" MAX. DAYLIGHT OPENING FOR 48" NOMINAL, ALL CONFIGURATIONS



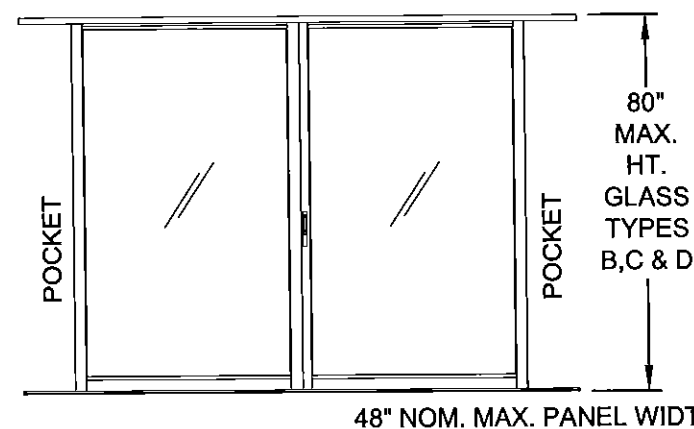
pXXO or OXXp



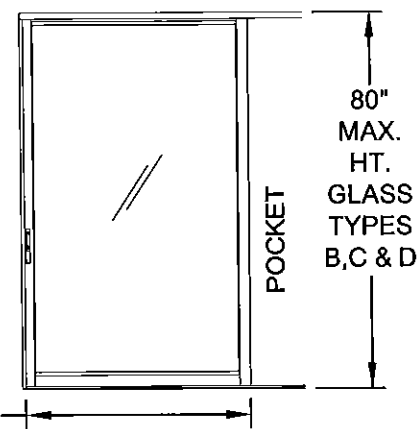
pXXXO or OXXXp

**NOTES:**

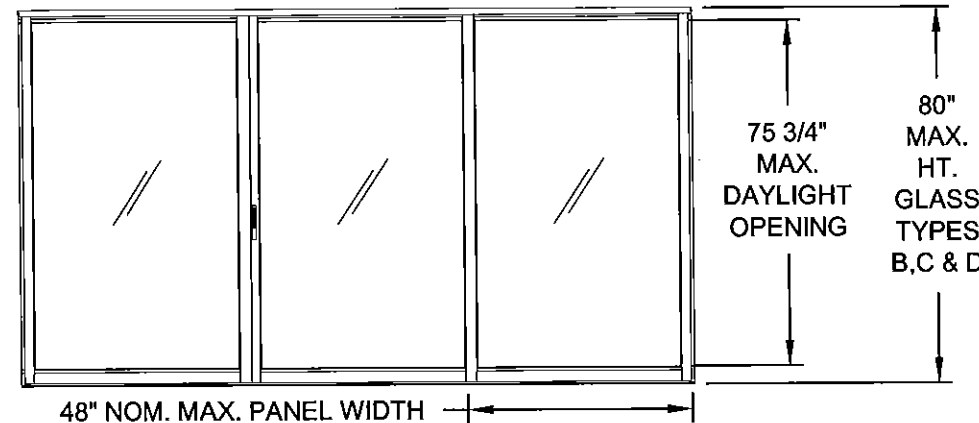
1. SEE SHEET 4 FOR PANEL TYPES.
2. DLO WIDTH = NOMINAL WIDTH - 3 7/8"
3. DLO HEIGHT = WINDOW HEIGHT - 4 1/4"



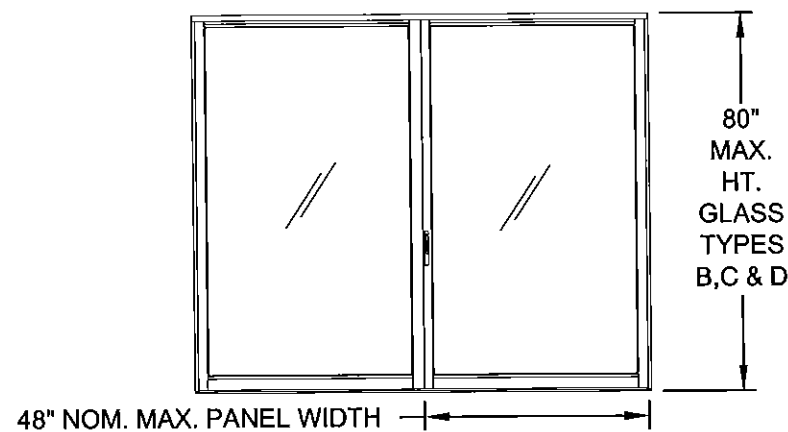
pXXp



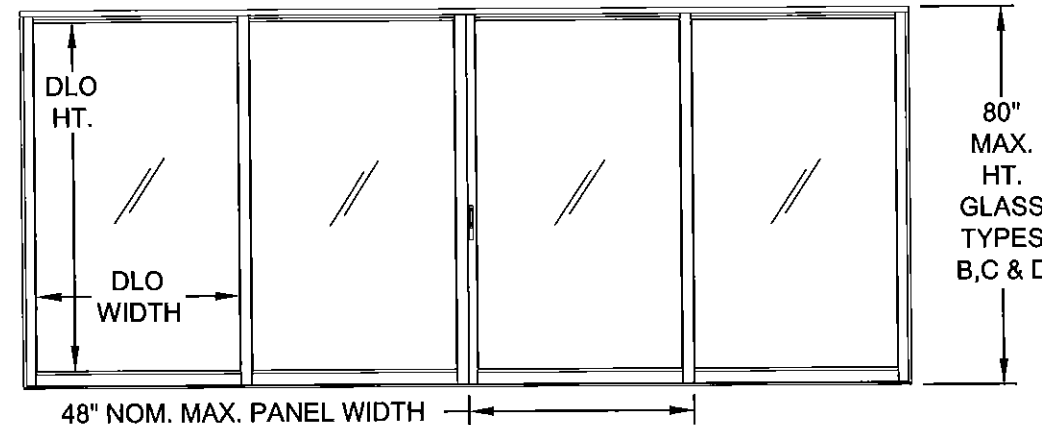
Xp or pX



OXO

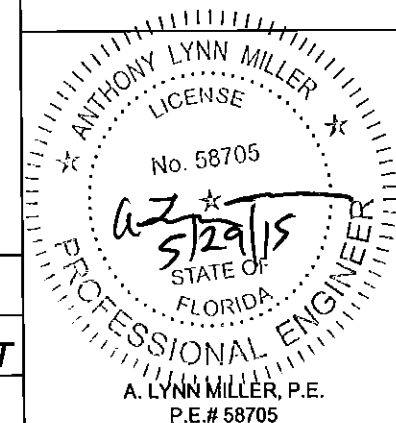


OX or XO



OXXO or XXXX

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 15-0609.09  
Expiration Date May 22, 2018  
By *Manuel Perez*  
Miami Dade Product Control

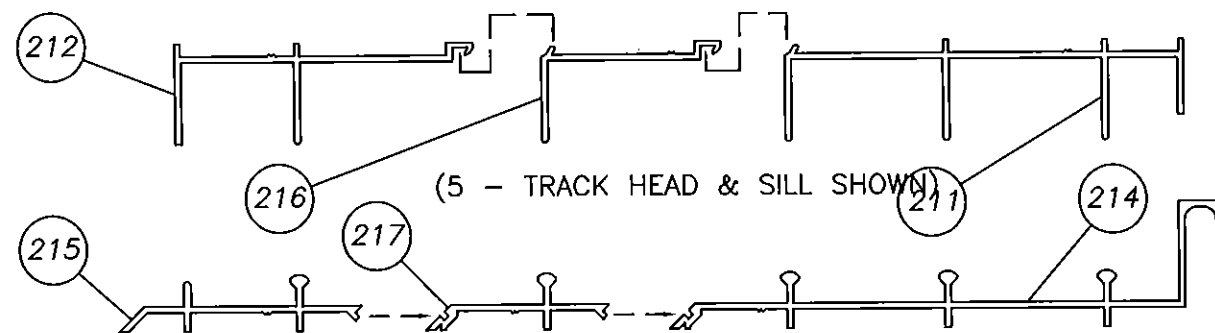


|             |          |             |                       |
|-------------|----------|-------------|-----------------------|
| Revised By: | Date:    | Revisions:  |                       |
| F.K.        | 10/22/07 | J           | NO CHANGES THIS SHEET |
| Revised By: | Date:    | Revisions:  |                       |
| J.J.        | 10/14/11 | K           | NO CHANGE THIS SHEET  |
| Revised By: | Date:    | Revisions:  |                       |
| L.M.        | 5/28/15  | L           | NO CHANGE THIS SHEET  |
| Drawn By:   | Date:    | Checked By: | Date:                 |
| F.K.        | 09/08/04 | J.J.        | 04/02/06              |

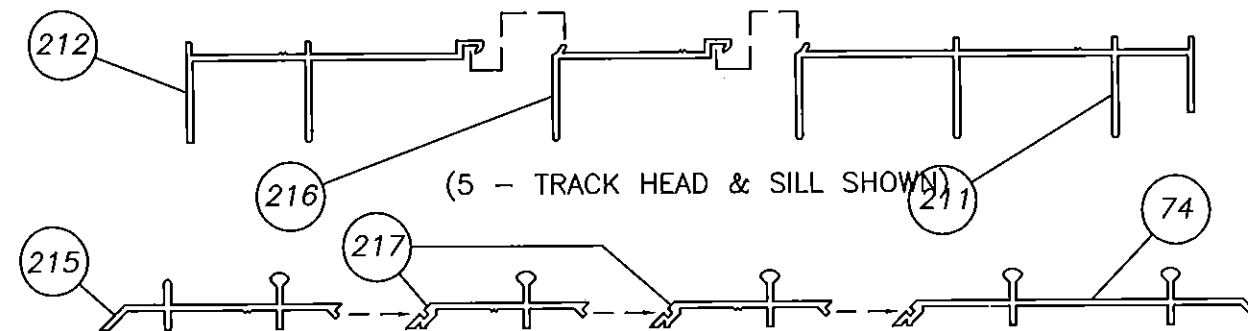
1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275  
P.O. BOX 1529  
NOKOMIS, FL 34274

**PGT**  
Visibly Better

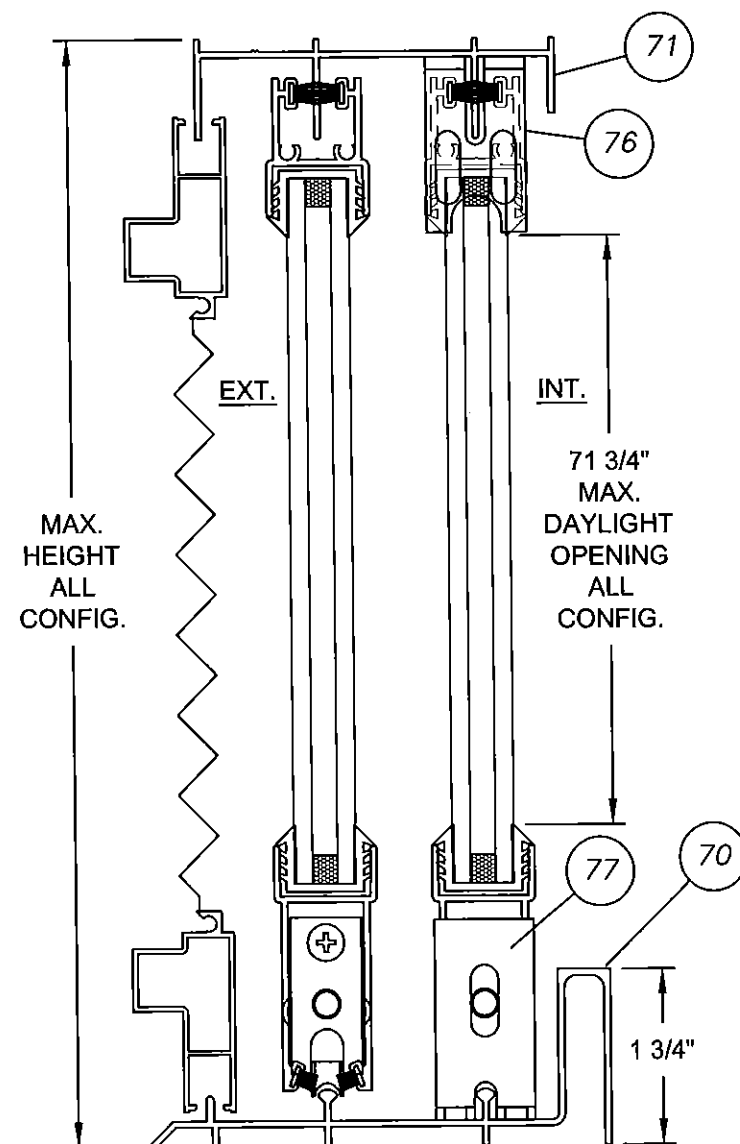
|               |                                        |        |     |         |
|---------------|----------------------------------------|--------|-----|---------|
| Description:  | EXAMPLE ELEVATIONS                     |        |     |         |
| Type:         | ALUM. SLIDING GLASS WINDOW, NON-IMPACT |        |     |         |
| Series/Model: | SGD2500                                | Scale: | NTS | Sheet:  |
|               |                                        |        |     | 5 of 18 |
| Drawing No.   | 757-1                                  | Rev:   | L   |         |



EXAMPLE MULTI-PART EXTERIOR FRAME

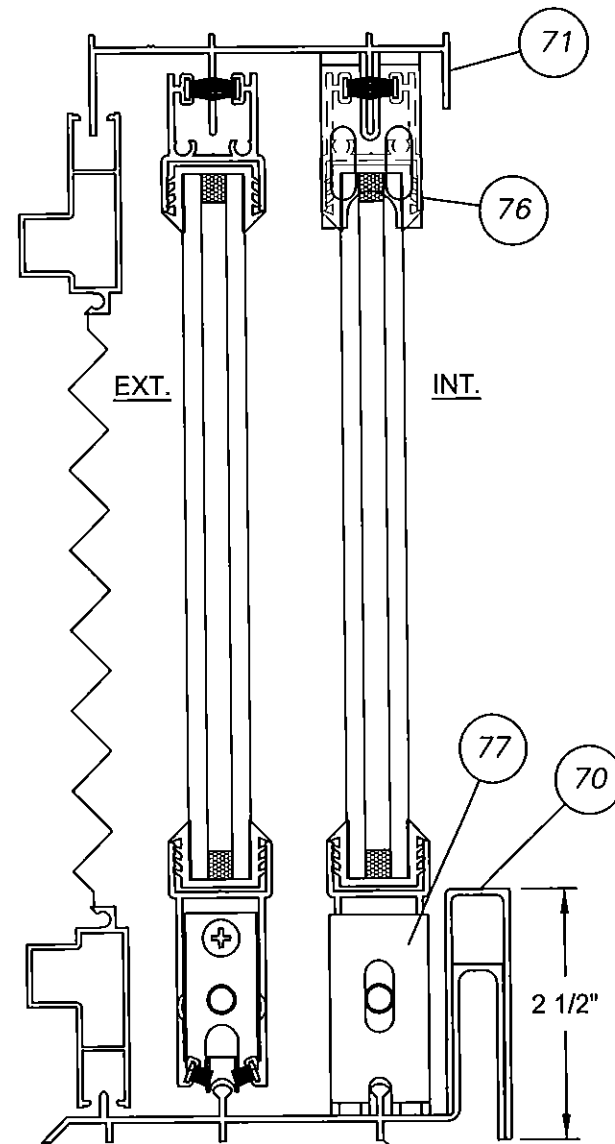


EXAMPLE MULTI-PART INTERIOR FRAME

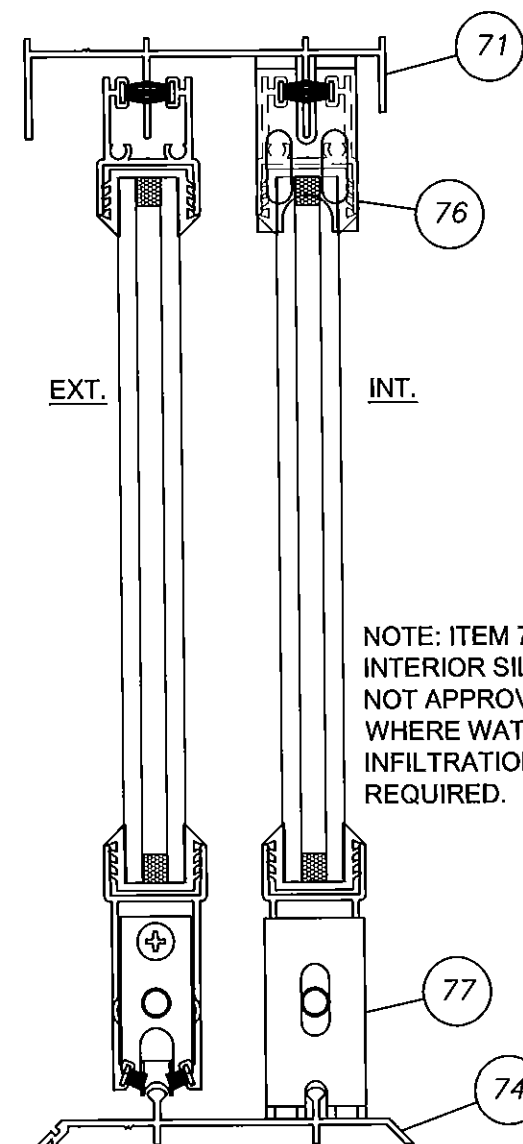


NOTE:  
MAX. DP W/ 1 3/4"  
SILL = +35.3 PSF

VERTICAL SECT.  
STANDARD SILL



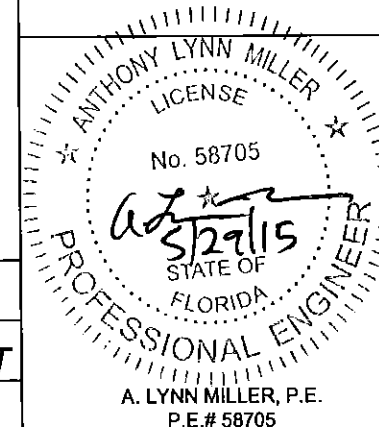
VERTICAL SECT.  
EXTENDED SILL



NOTE: ITEM 74,  
INTERIOR SILL IS  
NOT APPROVED  
WHERE WATER  
INFILTRATION IS  
REQUIRED.

VERTICAL SECT.  
INTERIOR SILL

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 15-0609.09  
Expiration Date May 22, 2018  
By *Manuel Perez*  
Miami Dade Product Control

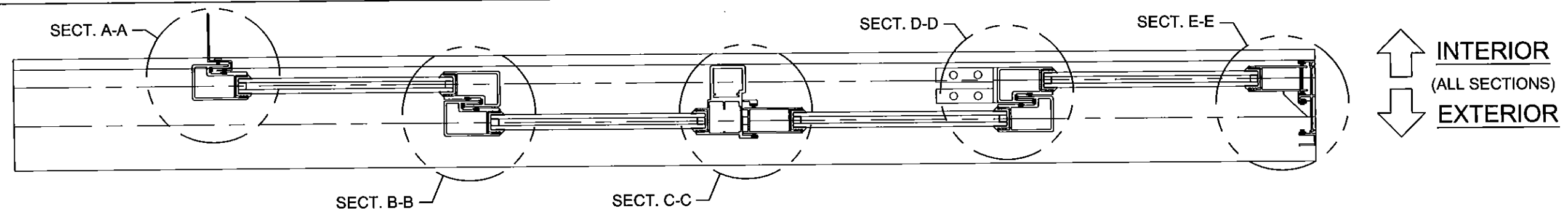


|                  |                |                  |                       |
|------------------|----------------|------------------|-----------------------|
| Revised By: F.K. | Date: 10/22/07 | Revisions: J     | NO CHANGES THIS SHEET |
| Revised By: J.J. | Date: 10/14/11 | Revisions: K     | NO CHANGE THIS SHEET  |
| Revised By: L.M. | Date: 5/28/15  | Revisions: L     | NO CHANGE THIS SHEET  |
| Drawn By: F.K.   | Date: 09/08/04 | Checked By: J.J. | Date: 04/02/06        |

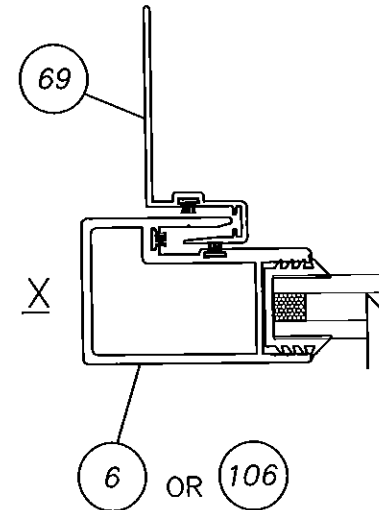
1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275  
P.O. BOX 1529  
NOKOMIS, FL 34274

**PGT**  
Visibly Better

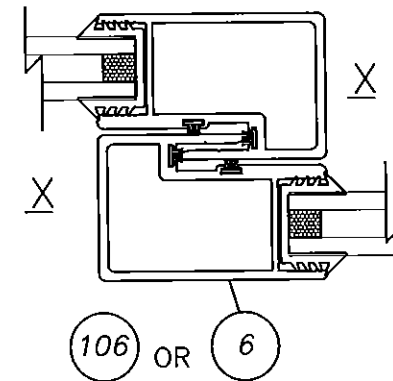
|               |                                        |             |       |        |
|---------------|----------------------------------------|-------------|-------|--------|
| Description:  | VERTICAL SECTIONS                      |             |       |        |
| Title:        | ALUM. SLIDING GLASS WINDOW, NON-IMPACT |             |       |        |
| Series/Model: | SGD2500                                | Scale:      | 1/2   | Sheet: |
|               |                                        |             | 6     | of 18  |
|               |                                        | Drawing No. | 757-1 | Rev:   |
|               |                                        |             |       | L      |



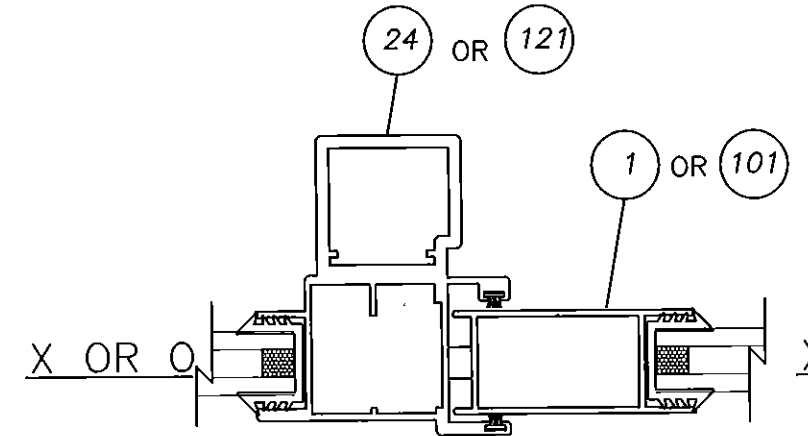
SINGLE/SINGLE INTERLOCK EXAMPLE W/ NO REINFORCEMENT (TABLE 1, SHT. 2 DESIGN PRESSURES)



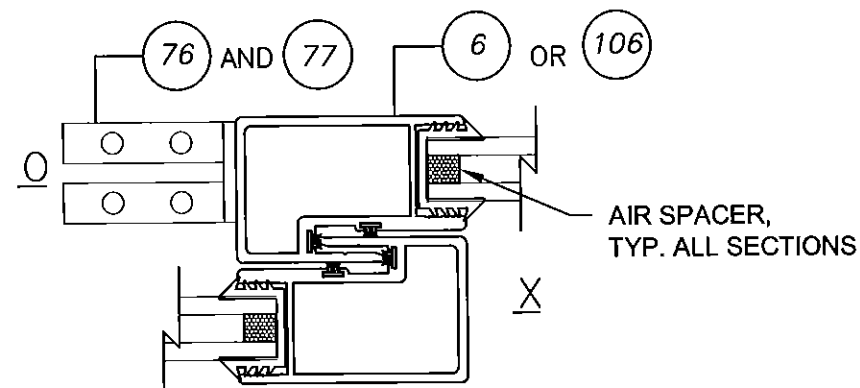
SECT. A-A  
MOVABLE INTERLOCK  
AT P-HOOK



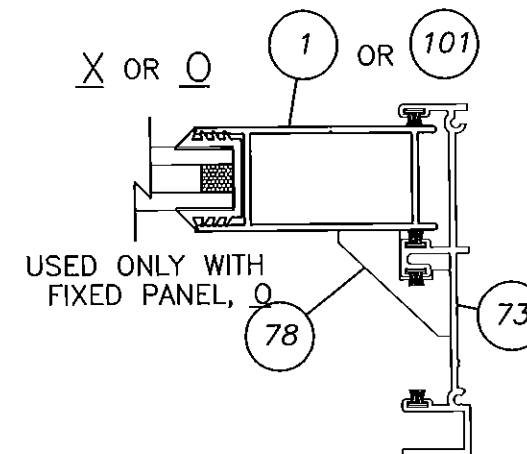
SECT. B-B  
MOVABLE SINGLE/SINGLE INTERLOCK



SECT. C-C  
LOCKSTILE AT ASTRAGAL

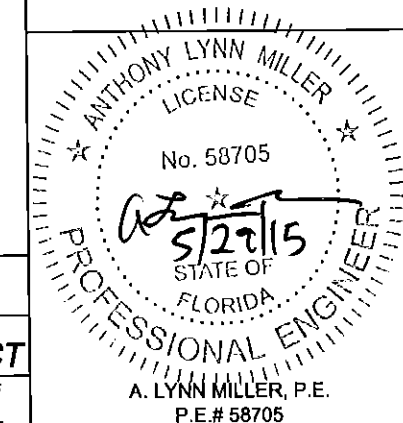


SECT. D-D  
FIXED TO MOVABLE SINGLE/SINGLE INTERLOCK



SECT. E-E  
LOCKSTILE AT JAMB

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 15-0609.09  
Expiration Date May 22, 2018  
By *Manuel Perez*  
Miami Dade Product Control

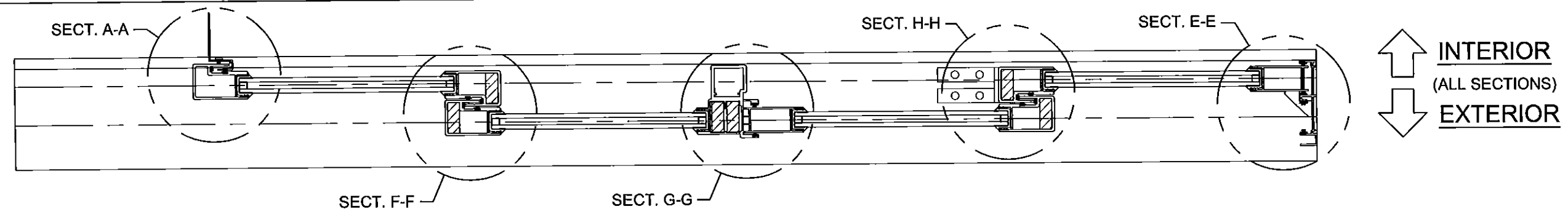


|                     |                   |                     |                       |
|---------------------|-------------------|---------------------|-----------------------|
| Revised By:<br>F.K. | Date:<br>10/22/07 | Revisions:<br>J     | NO CHANGES THIS SHEET |
| Revised By:<br>J.J. | Date:<br>10/14/11 | Revisions:<br>K     | NO CHANGE THIS SHEET  |
| Revised By:<br>L.M. | Date:<br>5/28/16  | Revisions:<br>L     | NO CHANGE THIS SHEET  |
| Drawn By:<br>F.K.   | Date:<br>09/08/04 | Checked By:<br>J.J. | Date:<br>04/02/06     |

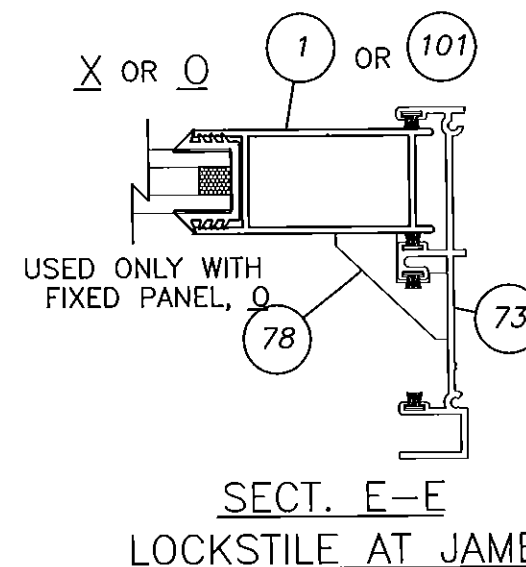
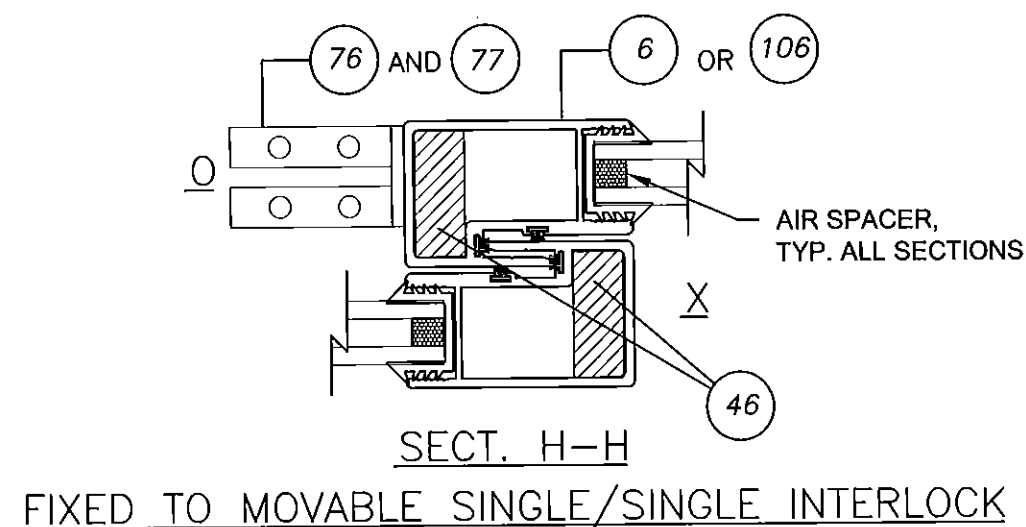
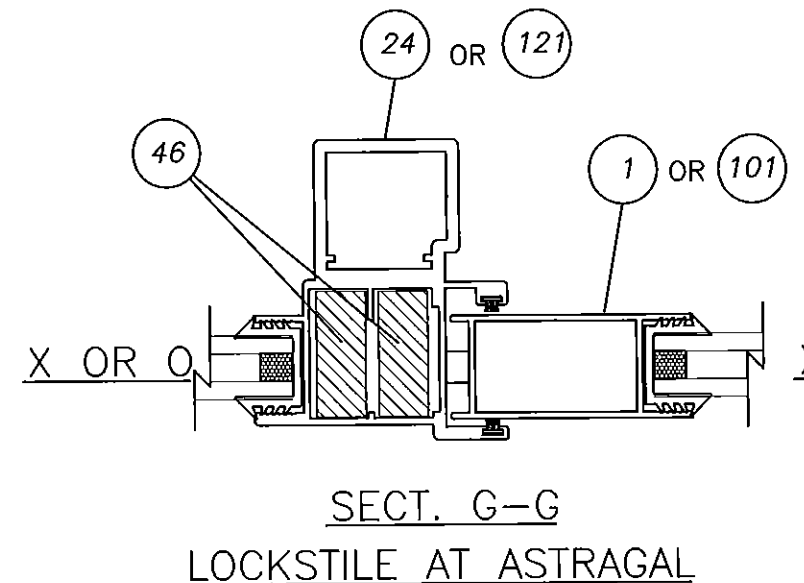
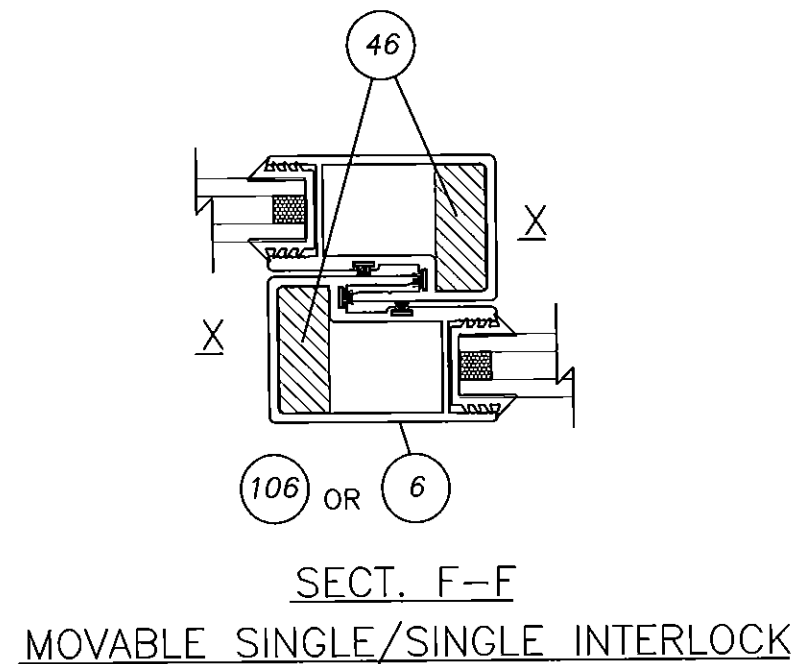
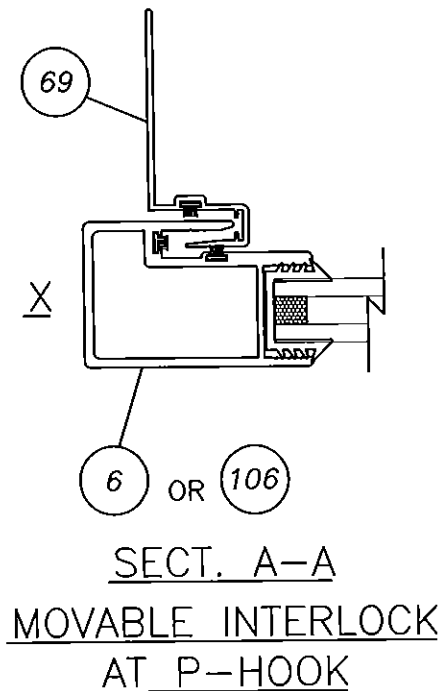
1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275  
P.O. BOX 1529  
NOKOMIS, FL 34274



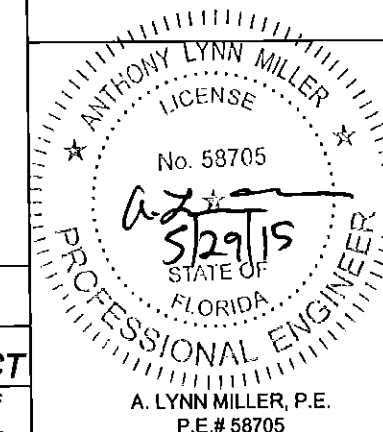
|                                                    |                          |               |                   |                      |           |
|----------------------------------------------------|--------------------------|---------------|-------------------|----------------------|-----------|
| Description:<br>HORIZONTAL SECTIONS, TABLE 1 - DPS | Series/Model:<br>SGD2500 | Scale:<br>1/2 | Sheet:<br>7 of 18 | Drawing No.<br>757-1 | Rev:<br>L |
| Title:<br>ALUM. SLIDING GLASS WINDOW NON-IMPACT    |                          |               |                   |                      |           |



SINGLE/SINGLE INTERLOCK EXAMPLE FULL REINFORCEMENT (TABLE 2, SHT. 3 DESIGN PRESSURES)



PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 15-0609.09  
Expiration Date May 22, 2018  
By *Manuel Perez*  
Miami Dade Product Control

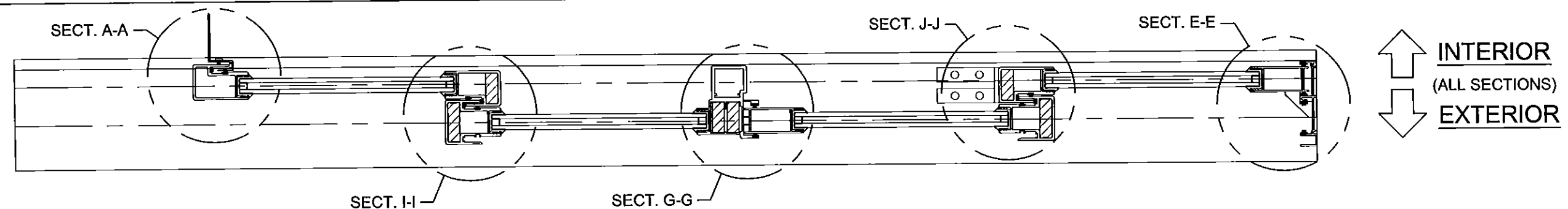


|                     |                   |                     |                       |
|---------------------|-------------------|---------------------|-----------------------|
| Revised By:<br>F.K. | Date:<br>10/22/07 | Revisions:<br>J     | NO CHANGES THIS SHEET |
| Revised By:<br>J.J. | Date:<br>10/14/11 | Revisions:<br>K     | NO CHANGE THIS SHEET  |
| Revised By:<br>L.M. | Date:<br>5/28/15  | Revisions:<br>L     | NO CHANGE THIS SHEET  |
| Drawn By:<br>F.K.   | Date:<br>09/08/04 | Checked By:<br>J.J. | Date:<br>04/02/06     |

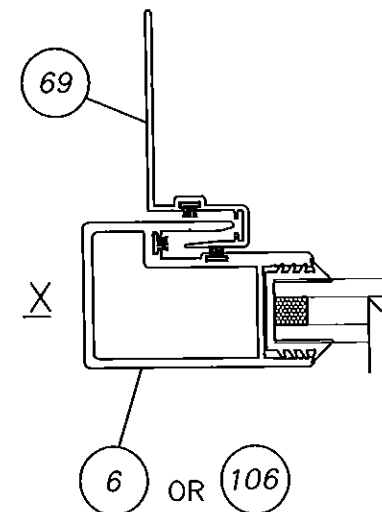
1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275  
P.O. BOX 1529  
NOKOMIS, FL 34274



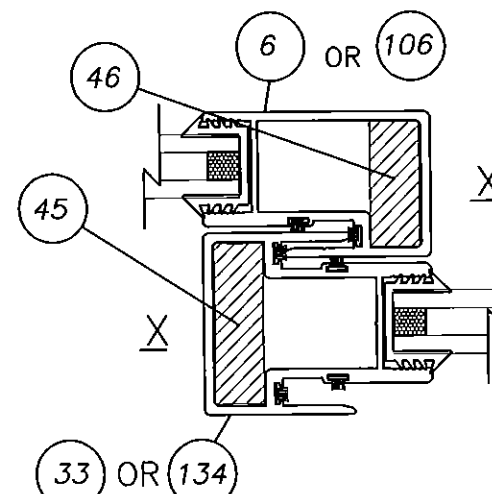
|                                                    |                          |               |                   |                      |           |
|----------------------------------------------------|--------------------------|---------------|-------------------|----------------------|-----------|
| Description:<br>HORIZONTAL SECTIONS, TABLE 2 - DPS | Series/Model:<br>SGD2500 | Scale:<br>1/2 | Sheet:<br>8 of 18 | Drawing No.<br>757-1 | Rev:<br>L |
|----------------------------------------------------|--------------------------|---------------|-------------------|----------------------|-----------|



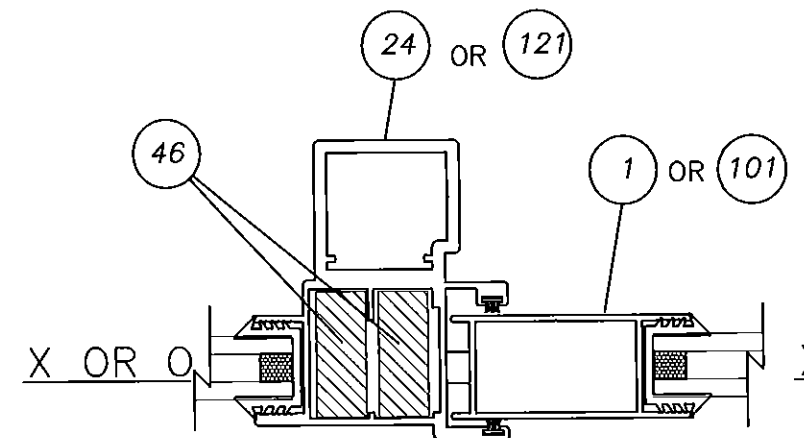
SINGLE/DOUBLE INTERLOCK EXAMPLE FULL REINFORCEMENT (TABLE 3, SHT. 3 DESIGN PRESSURES)



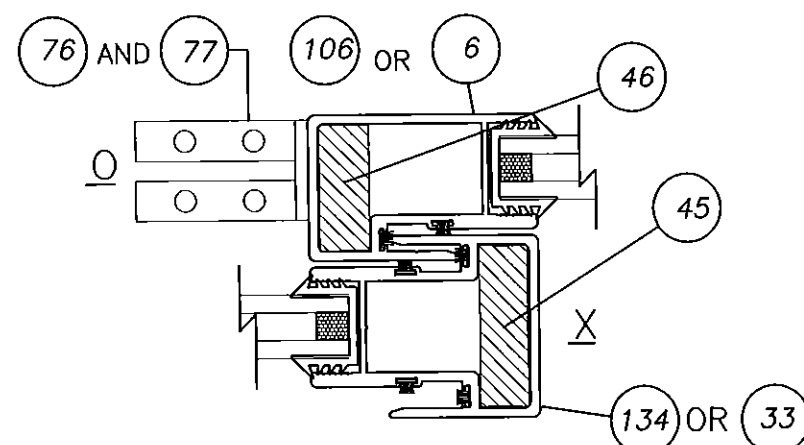
SECT. A-A  
MOVABLE INTERLOCK  
AT P-HOOK



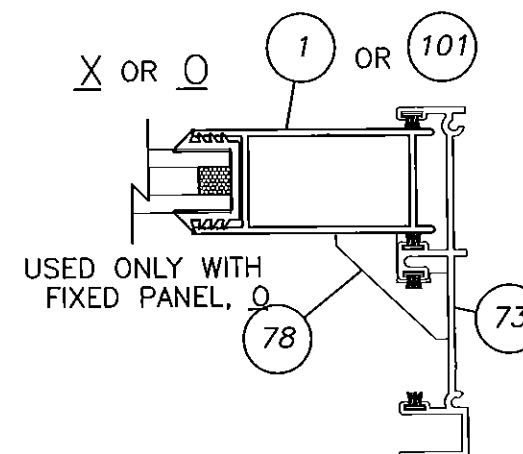
SECT. I-I  
MOVABLE SINGLE/DOUBLE INTERLOCK



SECT. G-G  
LOCKSTILE AT ASTRAGAL

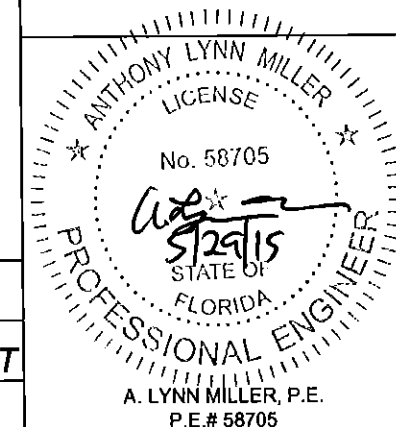


SECT. J-J  
FIXED TO MOVABLE SINGLE/SINGLE INTERLOCK



SECT. E-E  
LOCKSTILE AT JAMB

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 15-0609.09  
Expiration Date May 22, 2018  
By *Mmanuel Perez*  
Miami Dade Product Control

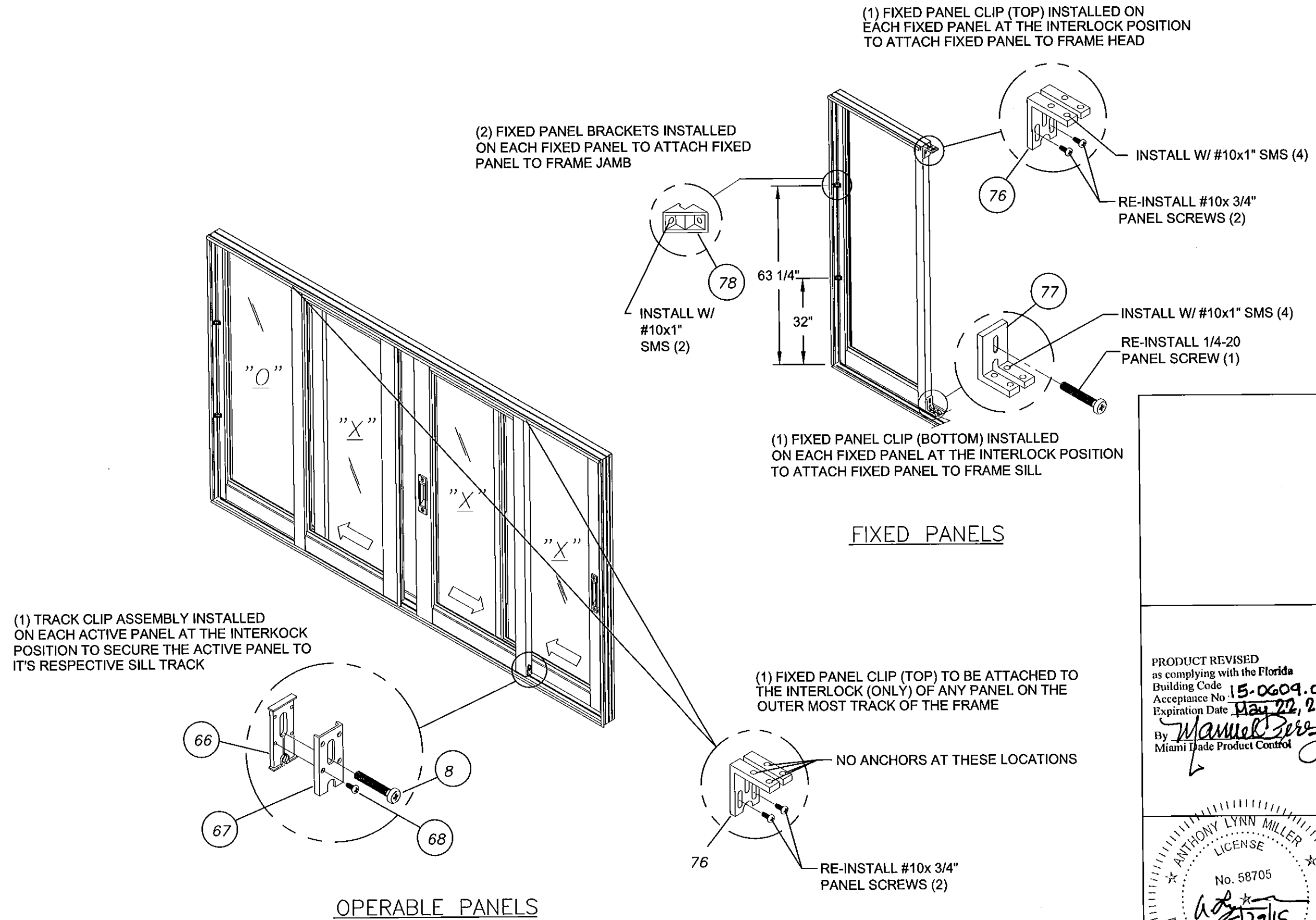


|                     |                   |                     |                       |
|---------------------|-------------------|---------------------|-----------------------|
| Revised By:<br>F.K. | Date:<br>10/22/07 | Revisions:<br>J     | NO CHANGES THIS SHEET |
| Revised By:<br>J.J. | Date:<br>10/14/11 | Revisions:<br>K     | NO CHANGE THIS SHEET  |
| Revised By:<br>L.M. | Date:<br>5/28/15  | Revisions:<br>L     | NO CHANGE THIS SHEET  |
| Drawn By:<br>F.K.   | Date:<br>09/08/04 | Checked By:<br>J.J. | Date:<br>04/02/06     |

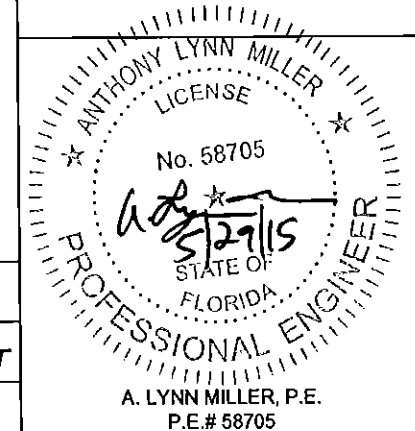
1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275  
P.O. BOX 1529  
NOKOMIS, FL 34274

**PGT**  
Visibly Better

|                                                    |                          |               |                   |                      |           |
|----------------------------------------------------|--------------------------|---------------|-------------------|----------------------|-----------|
| Description:<br>HORIZONTAL SECTIONS, TABLE 3 - DPS | Series/Model:<br>SGD2500 | Scale:<br>1/2 | Sheet:<br>9 of 18 | Drawing No.<br>757-1 | Rev:<br>L |
|----------------------------------------------------|--------------------------|---------------|-------------------|----------------------|-----------|



PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 15-0609.09  
Expiration Date May 22, 2018  
By *Manuel Perez*  
Miami Trade Product Control



|                     |                   |                     |                                                           |
|---------------------|-------------------|---------------------|-----------------------------------------------------------|
| Revised By:<br>F.K. | Date:<br>10/22/07 | Revisions:<br>J     | NO CHANGES THIS SHEET                                     |
| Revised By:<br>J.J. | Date:<br>10/14/11 | Revisions:<br>K     | ADDED FIXED CLIP TO INTERLOCK TO PREVENT SASH FALLING OUT |
| Revised By:<br>L.M. | Date:<br>5/28/15  | Revisions:<br>L     | NO CHANGE THIS SHEET                                      |
| Drawn By:<br>F.K.   | Date:<br>09/08/04 | Checked By:<br>J.J. | Date:<br>04/02/06                                         |

1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275  
P.O. BOX 1529  
NOKOMIS, FL 34274



|                                                                  |                          |                    |                      |           |
|------------------------------------------------------------------|--------------------------|--------------------|----------------------|-----------|
| Description:<br><b>TRACK CLIP &amp; FIXED CLIPS INSTALLATION</b> | Scale:<br>1/2            | Sheet:<br>10 of 18 | Drawing No.<br>757-1 | Rev:<br>L |
| Title:<br><b>ALUM. SLIDING GLASS WINDOW, NON-IMPACT</b>          | Series/Model:<br>SGD2500 |                    |                      |           |

| ITEM | PART #  | DESCRIPTION                      | PGT#           |
|------|---------|----------------------------------|----------------|
| 1    | 708     | LOCKSTILE, MONOLITHIC            | 69362          |
| 2    |         | LATCH ASSEMBLY (LOCK)            | 7LOCK          |
| 3    |         | LATCH ASSEMBLY (DUMMY)           | 7DUMY          |
| 4    |         | #10-32 X 1.25 PH. FL. MS (LATCH) | 71114K         |
| 6    | 705     | INTERLOCK (STD.), MONOLITHIC     | 69409          |
| 7    | 1119    | #10 X .750 PH. PN. SMS - S.S.    | 7S134X         |
| 8    |         | 1/4-20 X 1.125 PH. PN. MS        | 71420X118PPMSX |
| 9    | 1209    | WSTP, .187 X 320 - PILE          | 6FELTK         |
| 11   | 706     | TOP RAIL, MONOLITHIC             | 68172          |
| 12   | 1281    | WSTP, .187 X .290 FIN SEAL       | 61281W         |
| 13   | 725B    | TOP PANEL GUIDE                  | 41801          |
| 15   | 707C    | BOTTOM RAIL, MONOLITHIC          | 68173          |
| 17   | 726     | BOTTOM PANEL GUIDE               | 41802          |
| 18   | 661     | SINGLE ROLLER ASSY.              | 7SRAZ          |
| 19   | 661     | SINGLE ROLLER ASSY. - S.S.       | 7SRAX          |
| 20   | 683     | TANDEM ROLLER ASSY.              | 7683Z          |
| 21   | 683     | TANDEM ROLLER ASSY. - S.S.       | 7683SS         |
| 23   | 609     | ASTRAGAL, MONOLITHIC             | 68315          |
| 24   | 720     | ASTRAGAL (H.D.), MONOLITHIC      | 69492          |
| 26   | 653     | LATCH KEEPER                     | 7SDKEEP        |
| 27   | 653     | LATCH KEEPER - S.S.              | 7SDKEEPX       |
| 28   |         | #8 X .312 PH. TR. SMS            | 78X56A         |
| 29   | 729     | JAMB BUMPER                      | 72087K         |
| 30   |         | #6 X .375 PH. PN. SMS            | 76X38PPA       |
| 31   | 663/664 | BUMPER SHIM (.030 OR .060)       | 41831          |
| 33   | 734     | DOUBLE INTERLOCK (STD.), MONO.   | 69494          |
| 36   | 1007    | GLAZING VINYL - 3/16             | 6T304          |
| 37   |         | GLAZING VINYL - 1/4              | 614GLK         |
| 38   |         | 3/16" ANNEALED GLASS             |                |
| 39   |         | 3/16" TEMPERED GLASS             |                |
| 40   |         | 1/4" TEMPERED GLASS              |                |
| 42   | 645     | ADD-ON STILE (OXO ONLY)          | 69112          |
| 45   | 755     | 1/2 X 1 5/8 REINF. - ALUM        | 6755M          |
| 46   | 1214    | 1/2 X 1 1/4 REINF. - ALUM.       | 61214M         |
| 49   | 749     | REINFORCEMENT SPRING CLIP        | 7BRKTM25       |
| 51   | 1040    | MORTICE LOCK (DEAD LATCH)        | 71040          |
| 52   | 1040-2  | MORTICE LOCK (DEAD LATCH) S.S.   | 71040X         |
| 53   |         | CYLINDER/HOUSING ASSY. (MORTICE) | 70288K         |
| 54   | 1016    | #8 X .625 PH. FL. SMS            | 7858ZA         |
| 55   | 657     | BACKING PLATE (MORTICE)          | 41830N         |
| 56   | 1045    | MORTICE HANDLE SET               | 71045          |
| 57   |         | COVER PLATE                      | 7VT43          |
| 58   | 659     | MORTICE LATCH KEEPER             | 7SDSP5X1       |
| 60   | 1239    | 3/16" APPLIED MUNTIN             | 68421          |
| 61   | 665     | COLONIAL ENDPIECE                | 41628          |

| ITEM | PART # | DESCRIPTION                                                   | PGT#      |
|------|--------|---------------------------------------------------------------|-----------|
| 62   | 522    | COLONIAL INTERSECTION                                         | 41630     |
| 63   | 124    | APPLIED COLONIAL MUNTIN                                       | 66631     |
| 64   | 1240   | 1/16 X 1 FLATBAR                                              | 68926T52  |
| 66   | 754    | TRACK CLIP GUIDE                                              | 41754B/W  |
| 67   | 756    | TRACK CLIP COVER                                              | 6756B/W   |
| 68   |        | #6 X 3/8 PP SMS (18-8 SS)                                     | 76X38PPAX |
| 69   | 740    | HOOKSTRIP (P-HOOK)                                            | 63713     |
| 70   | 722A   | HIGH-RISE TRACK ADAPTER                                       | 69371     |
| 71   | 702    | 2-TRACK HEAD                                                  | 68179     |
| 72   | 703B   | 2-TRACK EXTERIOR SILL                                         | 6703B     |
| 73   | 704    | 2-TRACK JAMB                                                  | 68180     |
| 74   | 637    | 2-TRACK INTERIOR SILL                                         | 68275     |
| 76   | 717    | FIXED PANEL CLIP, TOP                                         | 7LA13A    |
| 77   | 717B   | FIXED PANEL CLIP, BOTTOM                                      | 7717FPCA  |
| 78   | 646    | FIXED PANEL BRACKET                                           | 41814     |
| 90   | 1136   | #6 X 1/2 PP SMS                                               | 76X12A    |
| 101  | 736    | LOCKSTILE, I.G. GLASS                                         | 60392     |
| 106  | 735    | INTERLOCK (STD.) I.G. GLASS                                   | 60393     |
| 111  | 618    | TOP RAIL, I.G. GLASS                                          | 69088     |
| 115  | 619    | BOTTOM RAIL, I.G. GLASS                                       | 69089     |
| 121  | 737    | ASTRAGAL, I.G. GLASS                                          | 60394     |
| 130  |        | 5/8" I.G. GLASS; 3/16" TEMPERED<br>1/4" SPACE, 3/16" TEMPERED |           |
| 131  | 1006   | GLAZING VINYL - INSULATED GLASS                               | 658GLK    |
| 134  | 745    | DOUBLE INTERLOCK (STD.), I.G. GLASS                           | 60551     |
| 203  | 666    | OPT. SCREEN RAIL, POCKET DOOR                                 | 61394     |
| 208  | 631    | 3 - TRACK HEAD                                                | 68182     |
| 209  | 632    | 3 - TRACK JAMB                                                | 68183     |
| 210  | 633    | 3 - TRACK SILL, EXT. W/ SCREEN RAIL                           | 68184M    |
| 211  | 613    | ADD-ON TRACK HEAD                                             | 68187     |
| 212  | 614    | ADD-ON TRACK FOR FRAME HEAD                                   | 68185     |
| 213  | 617    | 2 - TRACK FRAME JAMB, ADD-ON                                  | 68188     |
| 214  | 615    | 3 - TRACK SILL, ADD-ON                                        | 68189M    |
| 215  | 616    | ADD-ON TRACK W/ SCREEN FOR SILL                               | 68190M    |
| 216  | 634    | ADD-ON HEAD                                                   | 68186     |
| 217  | 635    | ADD-ON SILL                                                   | 68191M    |
| 218  | 638    | LOW-RISE 2 - TRACK SILL, EXTERIOR                             | 68952M    |
| 220  | 636    | 1 - TRACK SILL, INTERIOR ADD-ON                               | 68274M    |
| 222  | 671    | LOW-RISE 1 - TRACK SILL, EXTERIOR                             | 60803M    |
| 225  | 732    | HIGH-RISE TRACK ADAPTER                                       | 68313M    |

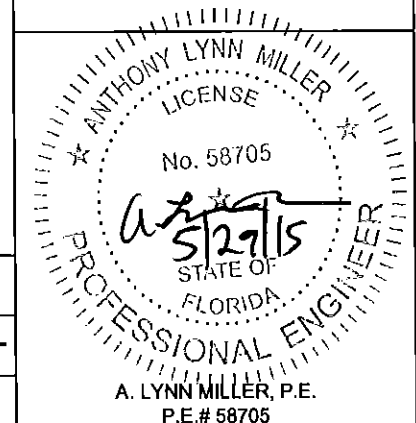
|                     |                   |                     |                                               |
|---------------------|-------------------|---------------------|-----------------------------------------------|
| Revised By:<br>F.K. | Date:<br>10/22/07 | Revisions:<br>J     | DELETE ITEMS 201, 202 AND 204, 1-TRACK FRAMES |
| Revised By:<br>J.J. | Date:<br>10/14/11 | Revisions:<br>K     | NO CHANGE THIS SHEET                          |
| Revised By:<br>L.M. | Date:<br>5/28/15  | Revisions:<br>L     | NO CHANGE THIS SHEET                          |
| Drawn By:<br>F.K.   | Date:<br>09/08/04 | Checked By:<br>J.J. | Date:<br>04/02/06                             |

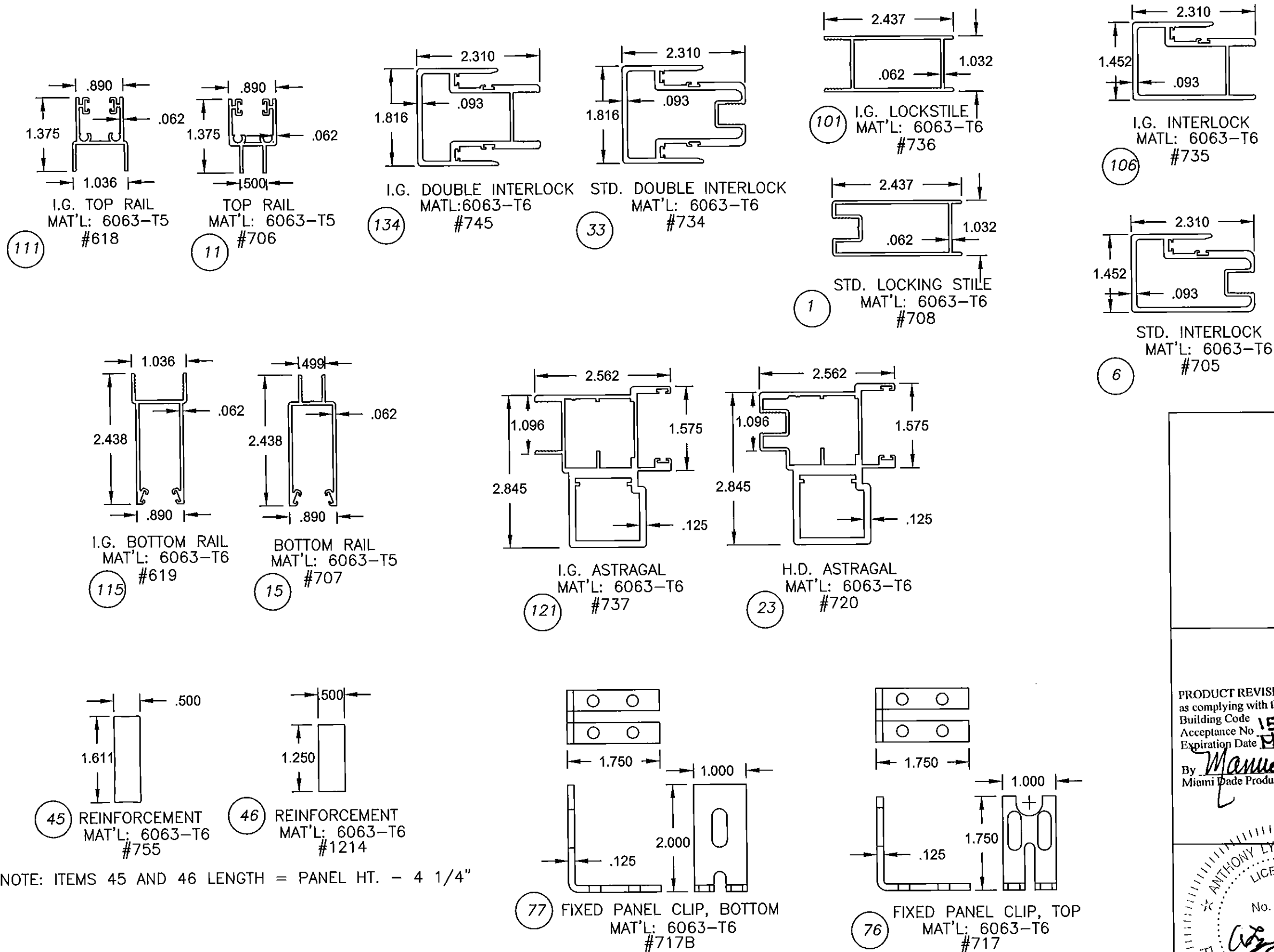
1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275  
  
P.O. BOX 1529  
NOKOMIS, FL 34274



|                                                         |               |                    |                      |           |
|---------------------------------------------------------|---------------|--------------------|----------------------|-----------|
| Description:<br><b>PARTS LISTS</b>                      |               |                    |                      |           |
| Title:<br><b>ALUM. SLIDING GLASS WINDOW, NON-IMPACT</b> |               |                    |                      |           |
| Series/Model:<br>SGD2500                                | Scale:<br>NTS | Sheet:<br>11 of 18 | Drawing No.<br>757-1 | Rev.<br>L |

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 15-0609.09  
Expiration Date May 12, 2018  
By *Manuel Perez*  
Miami Dade Product Control





PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 15-0609.09  
Expiration Date May 22, 2018  
By *Manuel S. Gray*  
Miami Dade Product Control

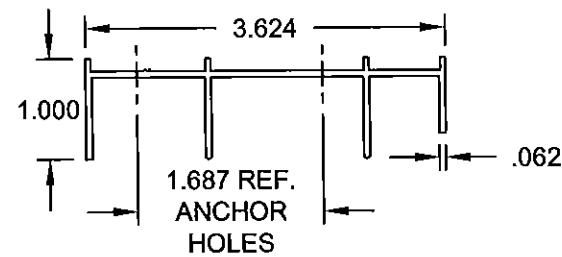
ANTHONY LYNN MILLER  
LICENSE  
No. 58705  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER  
*Anthony Lynn Miller*  
A. LYNN MILLER, P.E.  
P.E.# 58705

|                     |                   |                     |                       |
|---------------------|-------------------|---------------------|-----------------------|
| Revised By:<br>F.K. | Date:<br>10/22/07 | Revisions:<br>J     | NO CHANGES THIS SHEET |
| Revised By:<br>J.J. | Date:<br>10/14/11 | Revisions:<br>K     | NO CHANGE THIS SHEET  |
| Revised By:<br>L.M. | Date:<br>5/28/15  | Revisions:<br>L     | NO CHANGE THIS SHEET  |
| Drawn By:<br>F.K.   | Date:<br>09/08/04 | Checked By:<br>J.J. | Date:<br>04/02/06     |

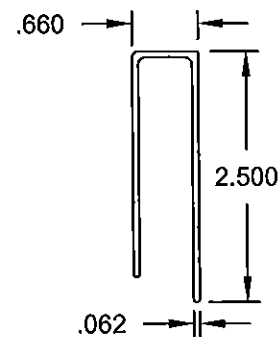
1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275  
P.O. BOX 1529  
NOKOMIS, FL 34274

**PGI**  
Visibly Better

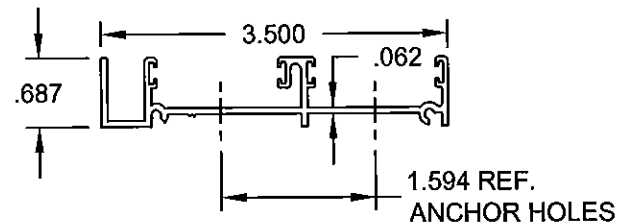
|                                                         |                          |               |                    |                      |           |
|---------------------------------------------------------|--------------------------|---------------|--------------------|----------------------|-----------|
| Description:<br><b>EXTRUSIONS, PANELS</b>               | Series/Model:<br>SGD2500 | Scale:<br>NTS | Sheet:<br>12 of 18 | Drawing No.<br>757-1 | Rev:<br>L |
| Title:<br><b>ALUM. SLIDING GLASS WINDOW, NON-IMPACT</b> |                          |               |                    |                      |           |



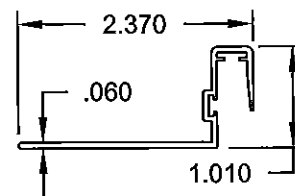
(71) 2 - TRACK HEAD  
MAT'L: 6063-T6  
#702



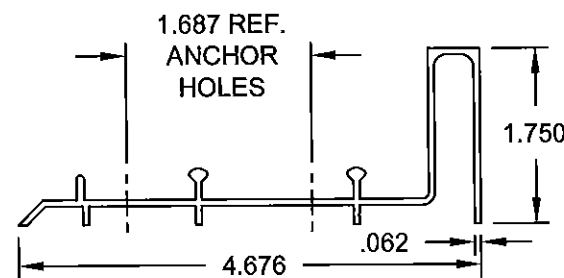
(70) HI-RISE TRACK ADAPTER  
MAT'L: 6063-T5  
#722A



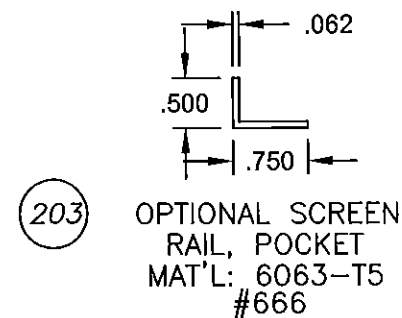
(73) 2 - TRACK JAMB  
MAT'L: 6063-T6  
#704



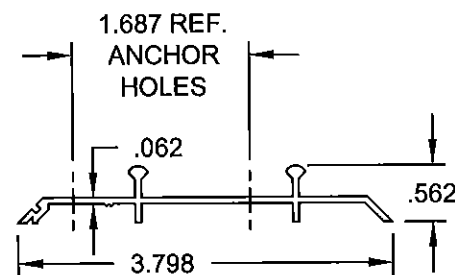
(69) HOOKSTRIP  
MAT'L: 6063-T5  
#740



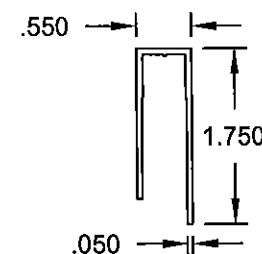
(72) 2 - TRACK EXTERIOR SILL  
MAT'L: 6063-T6  
#703B



(203) OPTIONAL SCREEN  
RAIL, POCKET  
MAT'L: 6063-T5  
#666



(74) 2 - TRACK INTERIOR SILL  
MAT'L: 6063-T6  
#637



(225) HI-RISE TRACK ADAPTER  
MAT'L: 6063-T5  
#732

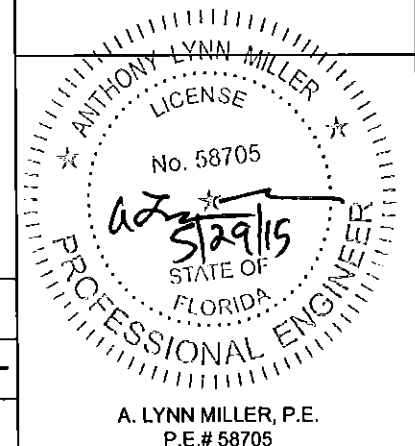
|             |          |             |                                               |
|-------------|----------|-------------|-----------------------------------------------|
| Revised By: | Date:    | Revisions:  |                                               |
| F.K.        | 10/22/07 | J           | DELETE ITEMS 201, 202 AND 204, 1-TRACK FRAMES |
| Revised By: | Date:    | Revisions:  |                                               |
| J.J.        | 10/14/11 | K           | NO CHANGE THIS SHEET                          |
| Revised By: | Date:    | Revisions:  |                                               |
| L.M.        | 5/28/15  | L           | NO CHANGE THIS SHEET                          |
| Drawn By:   | Date:    | Checked By: | Date:                                         |
| F.K.        | 09/08/04 | J.J.        | 04/02/06                                      |

1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275  
P.O. BOX 1529  
NOKOMIS, FL 34274

**PGT**  
Visibly Better

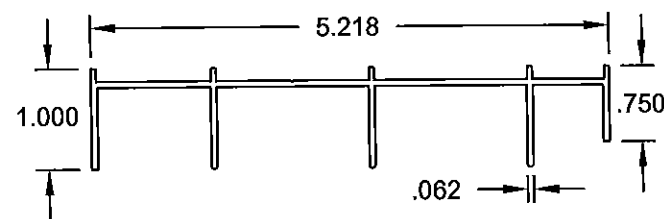
|               |                                        |          |             |      |
|---------------|----------------------------------------|----------|-------------|------|
| Description:  | EXTRUSIONS, FRAME                      |          |             |      |
| Title:        | ALUM. SLIDING GLASS WINDOW, NON-IMPACT |          |             |      |
| Series/Model: | Scale:                                 | Sheet:   | Drawing No. | Rev: |
| SGD2500       | NTS                                    | 13 of 18 | 757-1       | L    |

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 15-0609.09  
Expiration Date May 22, 2018  
By *Manuel Perez*  
Miami Dade Product Control

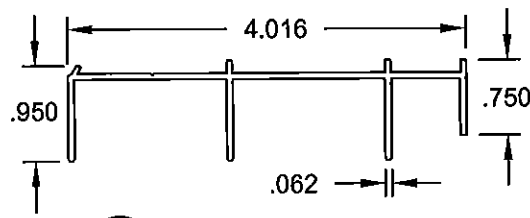


A. LYNN MILLER, P.E.  
P.E.# 58705

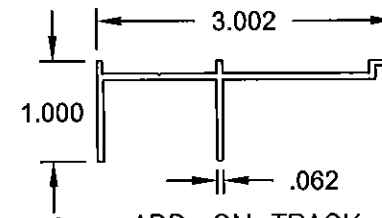
# ADDED FRAME COMPONENTS



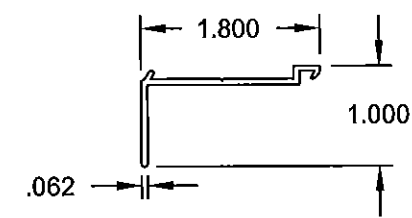
208 3 - TRACK HEAD  
MAT'L: 6063-T6  
#631



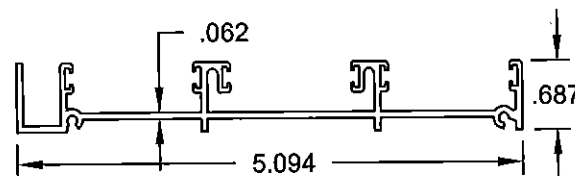
211 ADD-ON TRACK HEAD  
MAT'L: 6063-T6  
#613



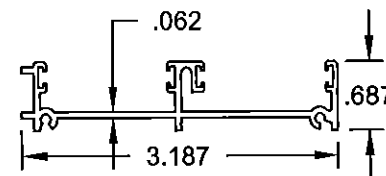
212 ADD-ON TRACK,  
FOR FRAME HEAD  
MAT'L: 6063-T6  
#614



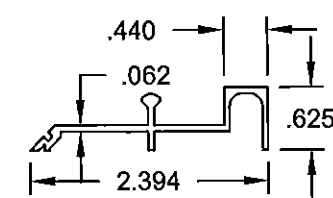
216 ADD-ON HEAD  
MAT'L: 6063-T6  
#634



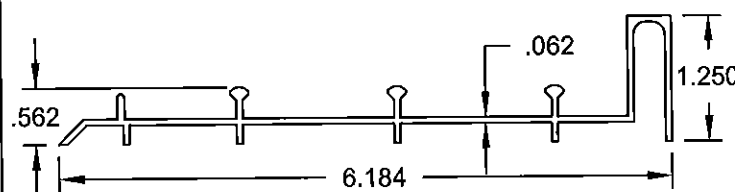
209 3 - TRACK JAMB  
MAT'L: 6063-T6  
#632



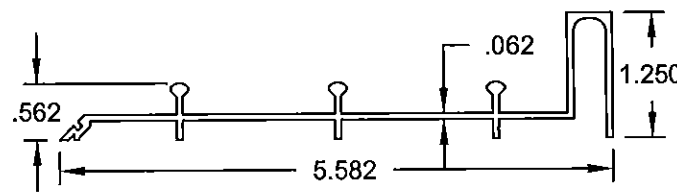
213 2 - TRACK FRAME,  
JAMB ADD-ON  
MAT'L: 6063-T6  
#617



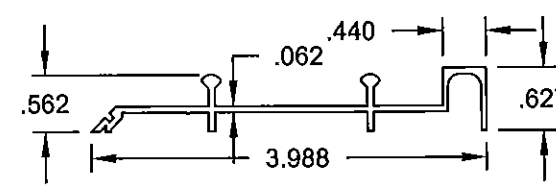
222 -TRACK SILL, LOW -RISE  
EXTERIOR W/ ADD-ON  
MAT'L: 6063-T6  
#671



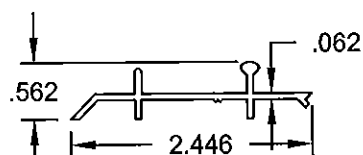
210 3 -TRACK SILL, EXTERIOR  
W/ SCREEN RAIL  
MAT'L: 6063-T6  
#633



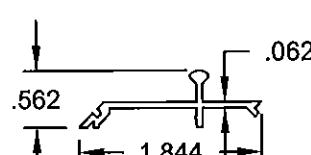
214 3 - TRACK ADD-ON SILL  
MAT'L: 6063-T6  
#615



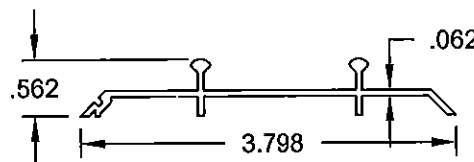
218 -TRACK SILL, LOW -RISE  
EXTERIOR W/ ADD-ON  
MAT'L: 6063-T6  
#638



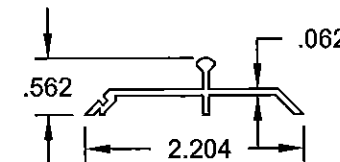
215 ADD-ON TRACK W/  
SCREEN FOR FRAME SILL  
MAT'L: 6063-T6  
#616



217 1 -TRACK ADD-ON SILL  
MAT'L: 6063-T6  
#635



119 2 -TRACK SILL,  
INTERIOR W/ ADD-ON  
MAT'L: 6063-T6  
#637



220 1 -TRACK SILL,  
INTERIOR W/ ADD-ON  
MAT'L: 6063-T6  
#636

|                     |                   |                 |                       |
|---------------------|-------------------|-----------------|-----------------------|
| Revised By:<br>F.K. | Date:<br>10/22/07 | Revisions:<br>J | NO CHANGES THIS SHEET |
| Revised By:<br>J.J. | Date:<br>10/14/11 | Revisions:<br>K | NO CHANGE THIS SHEET  |
| Revised By:<br>L.M. | Date:<br>5/28/15  | Revisions:<br>L | NO CHANGE THIS SHEET  |
| Drawn By:<br>F.K.   | Date:<br>09/08/04 | Checked By:     | Date:                 |

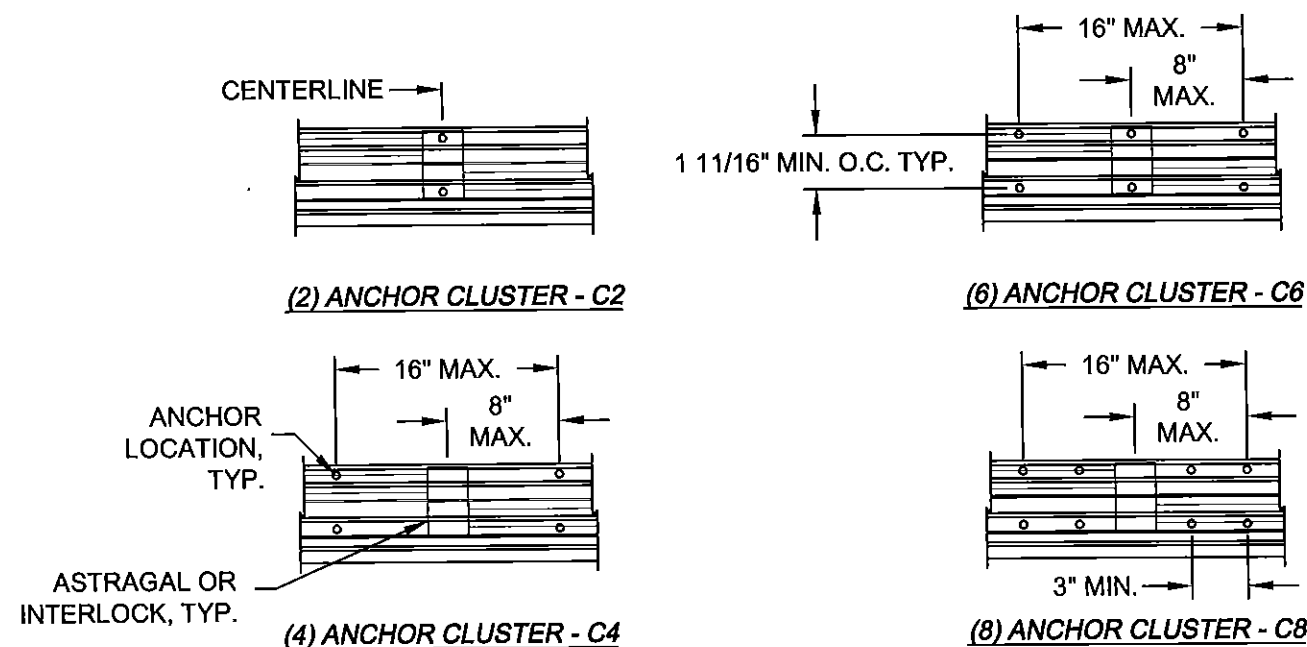
1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275  
P.O. BOX 1529  
NOKOMIS, FL 34274

**PGI**  
Visibly Better

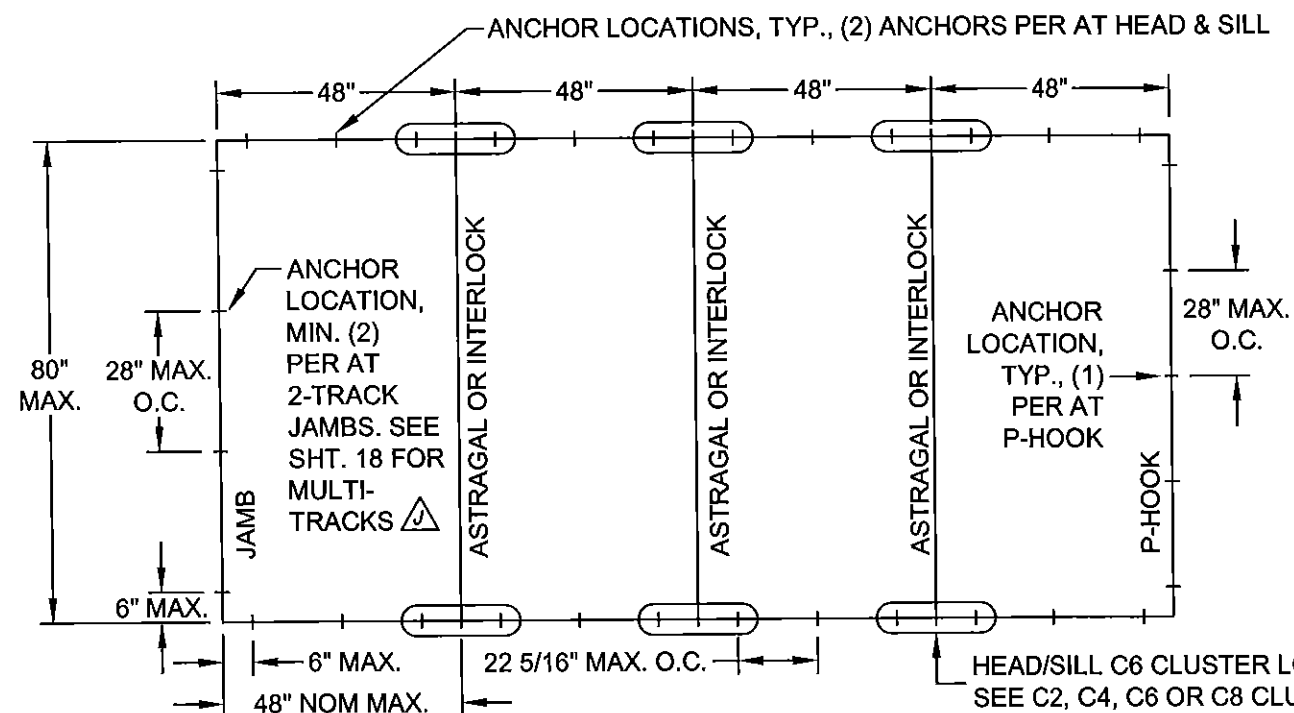
|                                                         |               |                    |                      |
|---------------------------------------------------------|---------------|--------------------|----------------------|
| Description:<br><b>EXTRUSIONS, FRAME (CONTINUED)</b>    |               |                    |                      |
| Title:<br><b>ALUM. SLIDING GLASS WINDOW, NON-IMPACT</b> |               |                    |                      |
| Series/Model:<br>SGD2500                                | Scale:<br>NTS | Sheet:<br>14 of 18 | Drawing No.<br>757-1 |
| Rev:<br>L                                               |               |                    |                      |

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 15-0609.09  
Expiration Date May 22, 2018  
By *Manuel Perez*  
Miami Trade Product Control

ANTHONY LYNN MILLER  
LICENSE  
No. 58705  
5/29/15  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER  
A. LYNN MILLER, P.E.  
P.E.# 58705



### HEAD & SILL ANCHOR CLUSTER DETAILS FOR ASTRAGALS AND INTERLOCKS



#### NOTES:

1. ANCHOR QUANTITIES BASED ON THE FOLLOWING SPACING:

JAMBS AND P-HOOKS SPACING - 6" MAX. FROM CORNERS AND 28" MAX. O.C.

HEAD AND SILL SPACING - 6" MAX. FROM CORNERS AND 22 5/16" MAX. O.C.

2. INSTALL PER ANCHOR QUANTITIES OF TABLE 4, SHEET 16, USING THE DIMENSIONAL CRITERIA OF NOTE 4. HEAD AND SILL CLUSTER ANCHORS ARE REQUIRED AT ASTRAGAL AND INTERLOCK LOCATIONS OF THEIR RESPECTIVE TRACK SECTIONS. SEE SHEET 18 FOR POTENTIAL ANCHOR LOCATIONS WITHIN HEAD, SILL AND JAMB TRACK SECTIONS.

**EXAMPLE SOLUTION**  
HEAD & SILL = 6" MAX. FROM CORNERS, 22 5/16" MAX. O.C. AND C6 AT EACH ASTRAGAL OR INTERLOCK.  
JAMBS & P-HOOKS = 6" MAX. FROM CORNERS AND 28" MAX. O.C.

TOTAL AT HEAD = 30 ANCHORS  
TOTAL AT SILL = 30 ANCHORS  
TOTAL AT JAMB = 8 ANCHORS  
TOTAL AT P-HOOK = 5 ANCHORS

### FOUR PANEL DOOR ANCHORAGE LAYOUT EXAMPLE FROM TABLE 4, SHEET 16

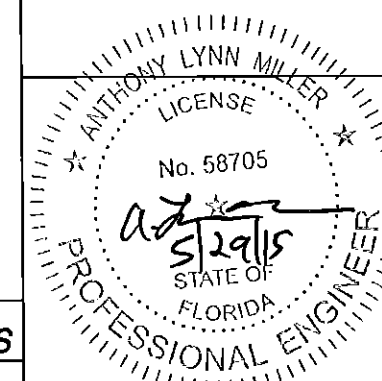
|                  |                |                  |                                                                                      |
|------------------|----------------|------------------|--------------------------------------------------------------------------------------|
| Revised By: F.K. | Date: 10/22/07 | Revisions: J     | CORRECT DOOR HEIGHT DIMENSION. ADD P-HOOK MAX. SPACING & JAMB MIN./MULTI-TRACK NOTE. |
| Revised By: J.J. | Date: 10/14/11 | Revisions: K     | NO CHANGE THIS SHEET                                                                 |
| Revised By: L.M. | Date: 5/28/15  | Revisions: L     | NO CHANGE THIS SHEET                                                                 |
| Drawn By: F.K.   | Date: 09/08/04 | Checked By: J.J. | Date: 04/02/06                                                                       |

1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275  
P.O. BOX 1529  
NOKOMIS, FL 34274

**PGT**  
Visibly Better

|                                                    |            |                 |                   |
|----------------------------------------------------|------------|-----------------|-------------------|
| Description: ANCHORAGE SPACING AND CLUSTER DETAILS |            |                 |                   |
| Title: ALUM. SLIDING GLASS WINDOW, NON-IMPACT      |            |                 |                   |
| Series/Model: SGD2500                              | Scale: NTS | Sheet: 15 of 18 | Drawing No. 757-1 |
|                                                    |            |                 | Rev: L            |

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 15-0609.09  
Expiration Date 12/27/2018  
By: *Manuel Perez*  
Miami Trade Product Control



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

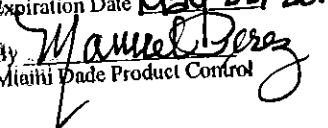
# HEAD & SILL ANCHOR CLUSTERS - JAMB & P-HOOK ANCHOR QUANTITIES

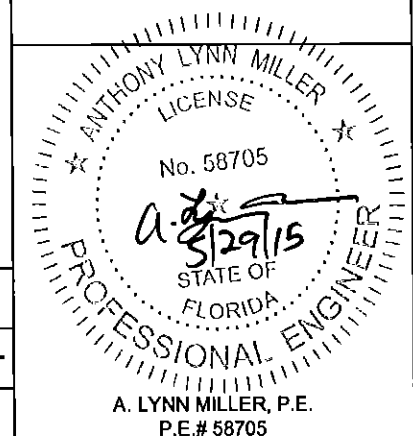
TABLE 4.

| DP TABLE REF. ><br>GLASS TYPE > |             | SHEET 2, TABLE 1.         |        |        |          |        |        |          |        |        | SHEET 2, TABLE 1.         |        |        |          |        |        |          |        |        | SHEET 3, TABLE 2.         |        |        |          |        |        |          |        |        | SHEET 3, TABLE 3.         |        |        |          |        |        |          |        |        |
|---------------------------------|-------------|---------------------------|--------|--------|----------|--------|--------|----------|--------|--------|---------------------------|--------|--------|----------|--------|--------|----------|--------|--------|---------------------------|--------|--------|----------|--------|--------|----------|--------|--------|---------------------------|--------|--------|----------|--------|--------|----------|--------|--------|
|                                 |             | A                         |        |        |          |        |        |          |        |        | B OR D                    |        |        |          |        |        |          |        |        | B OR D                    |        |        |          |        |        |          |        |        | C OR D                    |        |        |          |        |        |          |        |        |
| INTERLOCK & ><br>REINFORCEMENT  |             | SSN                       |        |        |          |        |        |          |        |        | SSN                       |        |        |          |        |        |          |        |        | SSR                       |        |        |          |        |        |          |        |        | SDR                       |        |        |          |        |        |          |        |        |
| ANCHOR TYPE<br>& SUBSTRATE      |             | HEAD &<br>SILL<br>CLUSTER |        |        | JAMB     |        |        | P-HOOK   |        |        | HEAD &<br>SILL<br>CLUSTER |        |        | JAMB     |        |        | P-HOOK   |        |        | HEAD &<br>SILL<br>CLUSTER |        |        | JAMB     |        |        | P-HOOK   |        |        | HEAD &<br>SILL<br>CLUSTER |        |        | JAMB     |        |        | P-HOOK   |        |        |
| NOM.<br>PANEL<br>WIDTH          | UNIT<br>HT. | 2,3,WOOD                  | 1,CONC | 2,CONC | 2,3,WOOD | 1,CONC | 2,CONC | 2,3,WOOD | 1,CONC | 2,CONC | 2,3,WOOD                  | 1,CONC | 2,CONC | 2,3,WOOD | 1,CONC | 2,CONC | 2,3,WOOD | 1,CONC | 2,CONC | 2,3,WOOD                  | 1,CONC | 2,CONC | 2,3,WOOD | 1,CONC | 2,CONC | 2,3,WOOD | 1,CONC | 2,CONC | 2,3,WOOD                  | 1,CONC | 2,CONC | 2,3,WOOD | 1,CONC | 2,CONC | 2,3,WOOD | 1,CONC | 2,CONC |
|                                 |             | 2,3,WOOD                  | 1,CONC | 2,CONC | 2,3,WOOD | 1,CONC | 2,CONC | 2,3,WOOD | 1,CONC | 2,CONC | 2,3,WOOD                  | 1,CONC | 2,CONC | 2,3,WOOD | 1,CONC | 2,CONC | 2,3,WOOD | 1,CONC | 2,CONC | 2,3,WOOD                  | 1,CONC | 2,CONC | 2,3,WOOD | 1,CONC | 2,CONC | 2,3,WOOD | 1,CONC | 2,CONC | 2,3,WOOD                  | 1,CONC | 2,CONC | 2,3,WOOD | 1,CONC | 2,CONC | 2,3,WOOD | 1,CONC | 2,CONC |
| 24.000                          | x 36.000    | C4                        | C4     | C4     | 4        | 4      | 4      | 3        | 3      | 3      | C4                        | C4     | C4     | 4        | 4      | 6      | 3        | 3      | 3      | C4                        | C4     | C4     | 4        | 4      | 6      | 3        | 3      | 3      | C4                        | C4     | C4     | 4        | 4      | 6      | 3        | 3      | 3      |
|                                 | 42.000      | C4                        | C4     | C4     | 6        | 6      | 6      | 3        | 3      | 3      | C4                        | C4     | C4     | 6        | 6      | 6      | 3        | 3      | 3      | C4                        | C4     | C4     | 6        | 6      | 6      | 3        | 3      | 3      | C4                        | C4     | C4     | 6        | 6      | 6      | 3        | 3      | 3      |
|                                 | 48.000      | C4                        | C4     | C4     | 6        | 6      | 6      | 3        | 3      | 3      | C4                        | C4     | C4     | 6        | 6      | 6      | 3        | 3      | 3      | C4                        | C4     | C4     | 6        | 6      | 6      | 3        | 3      | 3      | C4                        | C4     | C4     | 6        | 6      | 6      | 3        | 3      | 3      |
|                                 | 54.000      | C4                        | C4     | C4     | 6        | 6      | 6      | 3        | 3      | 3      | C6                        | C6     | C4     | 6        | 6      | 6      | 4        | 4      | 4      | C6                        | C6     | C4     | 6        | 6      | 6      | 4        | 4      | 4      | C6                        | C6     | C4     | 6        | 6      | 6      | 4        | 4      | 4      |
|                                 | 60.000      | C4                        | C4     | C4     | 6        | 6      | 6      | 3        | 3      | 3      | C6                        | C6     | C4     | 6        | 6      | 8      | 4        | 4      | 4      | C6                        | C6     | C4     | 6        | 6      | 8      | 4        | 4      | 4      | C6                        | C6     | C4     | 6        | 6      | 8      | 4        | 4      | 4      |
|                                 | 72.000      | NOT AVAILABLE             |        |        |          |        |        |          |        |        | C6                        | C6     | C6     | 8        | 8      | 8      | 5        | 5      | 4      | C6                        | C6     | C6     | 8        | 8      | 8      | 4        | 5      | 4      | C6                        | C6     | C6     | 8        | 8      | 8      | 5        | 5      | 5      |
|                                 | 80.000      | NOT AVAILABLE             |        |        |          |        |        |          |        |        | C6                        | C6     | C6     | 8        | 8      | 8      | 5        | 5      | 4      | C6                        | C6     | C6     | 8        | 8      | 8      | 4        | 5      | 4      | C8                        | C8     | C6     | 8        | 8      | 8      | 5        | 5      | 5      |
| 30.000                          | x 36.000    | C4                        | C4     | C4     | 4        | 4      | 4      | 3        | 3      | 3      | C4                        | C4     | C4     | 6        | 6      | 6      | 4        | 4      | 4      | C4                        | C4     | C4     | 6        | 6      | 6      | 4        | 4      | 4      | C4                        | C4     | C4     | 6        | 6      | 6      | 4        | 4      | 4      |
|                                 | 42.000      | C4                        | C4     | C4     | 6        | 6      | 6      | 3        | 3      | 3      | C6                        | C6     | C4     | 6        | 6      | 6      | 4        | 4      | 3      | C6                        | C6     | C4     | 6        | 6      | 6      | 3        | 4      | 3      | C6                        | C6     | C4     | 6        | 6      | 6      | 4        | 4      | 3      |
|                                 | 48.000      | C4                        | C4     | C4     | 6        | 6      | 6      | 3        | 3      | 3      | C6                        | C6     | C4     | 6        | 6      | 6      | 4        | 4      | 4      | C6                        | C6     | C4     | 6        | 6      | 6      | 4        | 4      | 4      | C6                        | C6     | C4     | 6        | 6      | 6      | 4        | 4      | 4      |
|                                 | 54.000      | C4                        | C4     | C4     | 6        | 6      | 6      | 3        | 3      | 3      | C6                        | C6     | C6     | 8        | 8      | 8      | 5        | 5      | 4      | C6                        | C6     | C4     | 8        | 8      | 8      | 5        | 5      | 4      | C6                        | C6     | C6     | 8        | 8      | 8      | 5        | 5      | 4      |
|                                 | 60.000      | C4                        | C4     | C4     | 6        | 6      | 6      | 3        | 3      | 3      | C6                        | C8     | C6     | 8        | 8      | 8      | 5        | 5      | 5      | C6                        | C6     | C6     | 8        | 8      | 8      | 5        | 5      | 5      | C6                        | C8     | C6     | 8        | 8      | 8      | 5        | 5      | 5      |
|                                 | 72.000      | NOT AVAILABLE             |        |        |          |        |        |          |        |        | C6                        | C6     | C6     | 8        | 8      | 8      | 5        | 5      | 4      | C6                        | C6     | C6     | 8        | 8      | 8      | 5        | 5      | 4      | C8                        | C8     | C6     | 8        | 10     | 10     | 6        | 6      | 5      |
|                                 | 80.000      | NOT AVAILABLE             |        |        |          |        |        |          |        |        | C6                        | C6     | C6     | 8        | 8      | 8      | 5        | 5      | 4      | C6                        | C6     | C6     | 8        | 8      | 8      | 5        | 5      | 4      | C8                        | C8     | C6     | 8        | 10     | 10     | 6        | 6      | 5      |
| 36.000                          | x 36.000    | C4                        | C4     | C4     | 4        | 4      | 6      | 3        | 3      | 3      | C4                        | C4     | C4     | 6        | 6      | 6      | 4        | 4      | 4      | C4                        | C4     | C4     | 4        | 4      | 6      | 3        | 4      | 3      | C4                        | C4     | C4     | 6        | 6      | 6      | 4        | 4      | 4      |
|                                 | 42.000      | C4                        | C4     | C4     | 6        | 6      | 6      | 3        | 3      | 3      | C6                        | C6     | C4     | 6        | 6      | 6      | 4        | 4      | 4      | C4                        | C4     | C4     | 6        | 6      | 6      | 3        | 3      | 3      | C6                        | C6     | C4     | 6        | 6      | 6      | 4        | 4      | 4      |
|                                 | 48.000      | C4                        | C4     | C4     | 6        | 6      | 6      | 3        | 3      | 3      | C6                        | C6     | C4     | 6        | 6      | 8      | 4        | 4      | 4      | C4                        | C4     | C4     | 6        | 6      | 6      | 3        | 4      | 3      | C6                        | C6     | C4     | 6        | 6      | 8      | 4        | 4      | 4      |
|                                 | 54.000      | C4                        | C4     | C4     | 6        | 6      | 6      | 3        | 3      | 3      | C6                        | C6     | C6     | 8        | 8      | 8      | 5        | 5      | 5      | C6                        | C6     | C4     | 6        | 6      | 6      | 4        | 4      | 4      | C6                        | C6     | C6     | 8        | 8      | 8      | 5        | 5      | 5      |
|                                 | 60.000      | C4                        | C4     | C4     | 6        | 6      | 6      | 3        | 3      | 3      | C8                        | C8     | C6     | 8        | 8      | 8      | 5        | 5      | 5      | C6                        | C6     | C4     | 6        | 6      | 8      | 4        | 5      | 4      | C8                        | C8     | C6     | 8        | 8      | 8      | 5        | 5      | 5      |
|                                 | 72.000      | NOT AVAILABLE             |        |        |          |        |        |          |        |        | C6                        | C8     | C6     | 8        | 8      | 8      | 5        | 5      | 5      | C6                        | C6     | C6     | 8        | 8      | 8      | 5        | 5      | 5      | C8                        | C8     | C6     | 10       | 10     | 10     | 6        | 6      | 6      |
|                                 | 80.000      | NOT AVAILABLE             |        |        |          |        |        |          |        |        | C6                        | C6     | C6     | 8        | 8      | 8      | 5        | 5      | 5      | C6                        | C6     | C6     | 8        | 8      | 8      | 5        | 5      | 5      | C8                        | C8     | C6     | 10       | 10     | 10     | 6        | 6      | 5      |
| 42.000                          | x 36.000    | C2                        | C2     | C2     | 4        | 6      | 6      | 4        | 4      | 3      | C2                        | C2     | C2     | 6        | 6      | 6      | 4        | 4      | 4      | C2                        | C2     | C2     | 4        | 4      | 4      | 3        | 3      | 3      | C2                        | C2     | C2     | 6        | 6      | 6      | 4        | 4      | 4      |
|                                 | 42.000      | C2                        | C2     | C2     | 6        | 6      | 6      | 3        | 3      | 3      | C2                        | C2     | C2     | 6        | 6      | 6      | 3        | 3      | 3      | C2                        | C2     | C2     | 6        | 6      | 6      | 3        | 3      | 3      | C2                        | C2     | C2     | 6        | 6      | 6      | 3        | 3      | 3      |
|                                 | 48.000      | C2                        | C2     | C2     | 6        | 6      | 6      | 3        | 3      | 3      | C4                        | C4     | C2     | 6        | 6      | 6      | 4        | 4      | 4      | C2                        | C2     | C2     | 6        | 6      | 6      | 3        | 3      | 3      | C4                        | C4     | C2     | 6        | 6      | 6      | 4        | 4      | 4      |
|                                 | 54.000      | C2                        | C2     | C2     | 6        | 6      | 6      | 3        | 3      | 3      | C4                        | C4     | C4     | 6        | 6      | 8      | 4        | 4      | 4      | C4                        | C4     | C2     | 6        | 6      | 6      | 3        | 4      | 3      | C4                        | C4     | C4     | 6        | 6      | 8      | 4        | 4      | 4      |
|                                 | 60.000      | C4                        | C4     | C2     | 6        | 6      | 6      | 3        | 3      | 3      | C4                        | C4     | C4     | 8        | 8      | 8      | 5        | 5      | 5      | C4                        | C4     | C4     | 6        | 6      | 6      | 4        | 4      | 4      | C4                        | C4     | C4     | 8        | 8      | 8      | 5        | 5      | 5      |
|                                 | 72.000      | NOT AVAILABLE             |        |        |          |        |        |          |        |        | C6                        | C6     | C4     | 8        | 8      | 8      | 5        | 5      | 5      | C4                        | C4     | C4     | 8        | 8      | 8      | 4        | 4      | 4      | C6                        | C6     | C4     | 8        | 8      | 8      | 5        | 5      | 5      |
|                                 | 80.000      | NOT AVAILABLE             |        |        |          |        |        |          |        |        | C6                        | C6     | C4     | 8        | 8      | 8      | 5        | 5      | 5      | C6                        | C6     | C4     | 8        | 8      | 8      | 5        | 5      | 4      | C6                        | C6     | C6     | 10       | 10     | 10     | 6        | 6      | 5      |
| 48.000                          | x 36.000    | C2                        | C2     | C2     | 4        | 4      | 6      | 3        | 4      | 3      | C2                        | C2     | C2     | 6        | 6      | 6      | 4        | 4      | 3      | C2                        | C2     | C2     | 4        | 4      | 4      | 3        | 3      | 2      | C2                        | C2     | C2     | 6        | 6      | 6      | 4        | 4      | 3      |
|                                 | 42.000      | C2                        | C2     | C2     | 6        | 6      | 6      | 3        | 3      | 3      | C2                        | C2     | C2     | 6        | 6      | 6      | 3        | 3      | 3      | C2                        | C2     | C2     | 6        | 6      | 6      | 3        | 3      | 3      | C2                        | C2     | C2     | 6        | 6      | 6      | 3        | 3      | 3      |
|                                 | 48.000      | C2                        | C2     | C2     | 6        | 6      | 6      | 3        | 3      | 3      | C2                        | C2     | C2     | 6        | 6      | 6      | 3        | 3      | 3      | C2                        | C2     | C2     | 6        | 6      | 6      | 3        | 3      | 3      | C2                        | C2     | C2     | 6        | 6      | 6      | 3        | 3      | 3      |
|                                 | 54.000      | C2                        | C2     | C2     | 6        | 6      | 6      | 3        | 3      | 3      | C4                        | C4     | C2     | 6        | 6      | 6      | 4        | 4      | 4      | C2                        | C2     | C2     | 6        | 6      | 6      | 3        | 3      | 3      | C4                        | C4     | C2     | 6        | 6      | 6      | 4        | 4      | 4      |
|                                 | 60.000      | C4                        | C4     | C2     | 6        | 6      | 6      | 3        | 3      | 3      | C4                        | C4     | C4     | 6        | 6      | 8      | 4        | 4      | 4      | C4                        | C4     | C2     | 6        | 6      | 6      | 3        | 4      | 3      | C4                        | C4     | C4     | 6        | 6      | 8      | 4        | 4      | 4      |
|                                 | 72.000      | NOT AVAILABLE             |        |        |          |        |        |          |        |        | C4                        | C4     | C4     | 8        | 8      | 8      | 5        | 5      | 5      | C4                        | C4     | C4     | 8        | 8      | 8      | 4        | 4      | 4      | C4                        | C4     | C4     | 8        | 8      | 8      | 5        | 5      | 5      |
|                                 | 80.000      | NOT AVAILABLE             |        |        |          |        |        |          |        |        | C6                        | C6     | C4     | 8        | 8      | 8      | 5        | 5      | 5      | C4                        | C4     | C4     | 8        | 8      | 8      | 4        | 4      | 4      | C6                        | C6     | C4     | 8        | 8      | 8      | 5        | 5      | 5      |

## TABLE KEYS:

- ANCHOR TYPES:  
1 - 1/4" ELCO ULTRACON   
2 - 1/4" ELCO SS4 CRETE-FLEX  
3 - #12 STEEL SCREW (G5)
- GLASS TYPES:  
A - 3/16" ANNEALED  
B - 3/16" TEMPERED  
C - 1/4" TEMPERED  
D - 5/8" TEMPERED I.G.
- INTERLOCK AND REINFORCEMENT KEY:  
SSN - SINGLE/SINGLE WITH NO REINFORCEMENT.  
SSR - SINGLE/SINGLE WITH FULL REINFORCEMENT.  
SDR - SINGLE/DOUBLE WITH FULL REINFORCEMENT.

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 15-0609.09  
Expiration Date May 22, 2018  
By   
Miami Dade Product Control

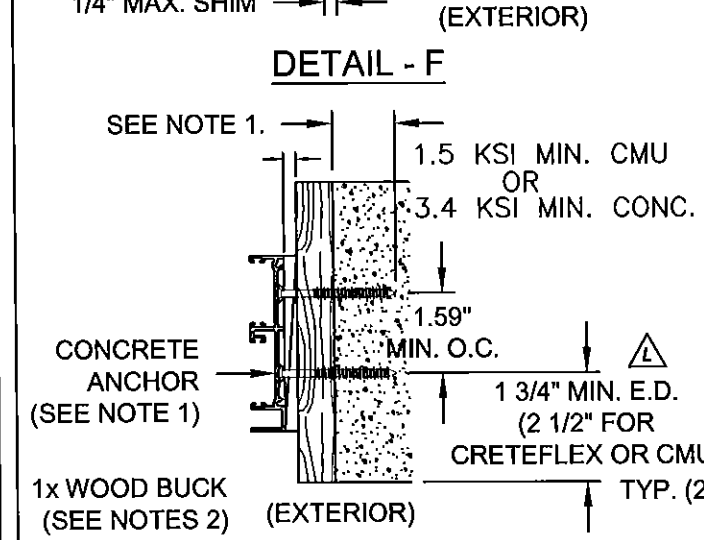
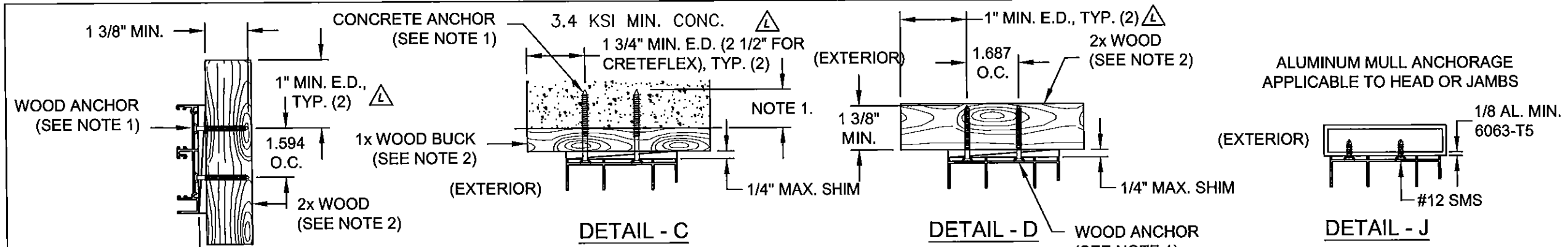


|                  |                |                  |                                  |
|------------------|----------------|------------------|----------------------------------|
| Revised By: F.K. | Date: 10/22/07 | Revisions: J     | NO CHANGES THIS SHEET            |
| Revised By: J.J. | Date: 10/14/11 | Revisions: K     | NO CHANGE THIS SHEET             |
| Revised By: L.M. | Date: 5/28/15  | Revisions: L     | CHANGE ANCHOR TYPE 1 TO ULTRACON |
| Drawn By: F.K.   | Date: 09/08/04 | Checked By: J.J. | Date: 04/02/06                   |

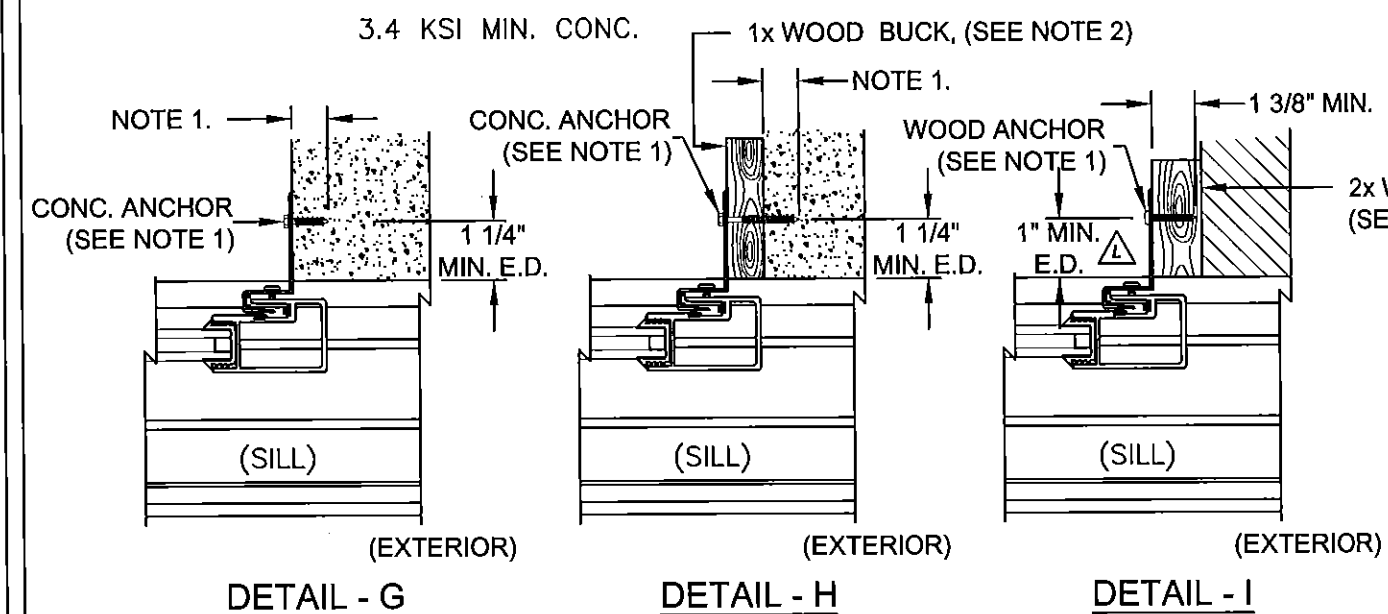
1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275  
P.O. BOX 1529  
NOKOMIS, FL 34274



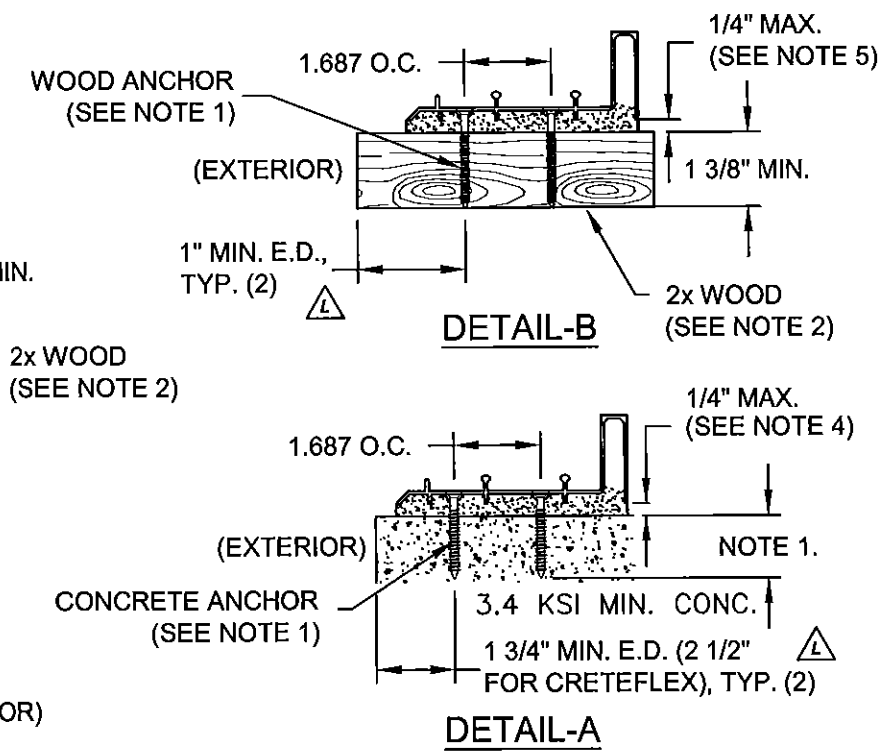
|                                        |        |          |             |      |
|----------------------------------------|--------|----------|-------------|------|
| Description:                           |        |          |             |      |
| ANCHORAGE TABLE                        |        |          |             |      |
| Title:                                 |        |          |             |      |
| ALUM. SLIDING GLASS WINDOW, NON-IMPACT |        |          |             |      |
| Series/Model:                          | Scale: | Sheet    | Drawing No. | Rev: |
| SGD2500                                | NTS    | 16 of 18 | 757-1       | L    |



DETAIL - E  
TYPICAL FRAME JAMB INSTALLATIONS



DETAIL - G  
DETAIL - H  
DETAIL - I  
TYPICAL POCKET P-HOOK INSTALLATIONS



DETAIL - A  
DETAIL - B  
TYPICAL FRAME SILL INSTALLATIONS

- NOTES:**
1. FOR CONCRETE INSTALLATIONS IN MIAMI-DADE COUNTY, USE ONLY MIAMI-DADE COUNTY APPROVED ELCO 1/4" ULTRACONS OR 1/4" SS4 CRETE-FLEX EMBEDDED 1 3/4" MIN. THE MINIMUM DISTANCE FROM CENTER OF ANCHOR TO CONCRETE EDGE IS 1 3/4" (2 1/2" FOR CRETEFLEX OR CMU). FOR WOOD INSTALLATIONS USE #12 SCREWS OR ELCO 1/4" SS4 CRETE-FLEX ANCHORS EMBEDDED 1 3/8" MIN.
  2. WOOD BUCKS DEPICTED IN THE SECTIONS ON THIS PAGE AS 1x ARE BUCKS WHOSE TOTAL THICKNESS IS LESS THAN 1 1/2". WOOD BUCKS DEPICTED AS 2x ARE 1 1/2" THICK OR GREATER. INSTALLATION TO THE SUBSTRATE OF WOOD BUCKS TO BE ENGINEERED BY OTHERS OR AS APPROVED BY AUTHORITY HAVING JURISDICTION.
  3. FOR ATTACHMENT TO ALUMINUM: THE MATERIAL SHALL BE A MINIMUM STRENGTH OF 6063-T5 AND A MINIMUM OF 1/8" THICK. THE ALUMINUM STRUCTURAL MEMBER SHALL BE OF A SIZE TO PROVIDE FULL SUPPORT TO THE DOOR FRAME SIMILAR TO THAT SHOWN IN DETAILS B, D AND F ABOVE FOR 2x WOOD BUCKS. THE ANCHOR SHALL BE A #12 SHEET METAL SCREW WITH FULL ENGAGEMENT INTO THE ALUMINUM (SEE DETAIL J). IF THESE CRITERIA ARE MET THE PRESSURES AND ANCHORAGE SPACING FOR #12 SCREWS SHOWN IN THIS NOA MAY BE USED.
  4. IF SILL IS TIGHT TO SUBSTRATE, GROUT OR OTHER MATERIAL IS NOT REQUIRED. IF USED, NON-SHRINK, NON-METALLIC GROUT (3350 PSI MIN.), (DONE BY OTHERS) MUST FULLY SUPPORT THE ENTIRE LENGTH OF THE SILL THAT IS NOT TIGHT TO THE SUBSTRATE, AND TRANSFER SHEAR LOAD TO SUBSTRATE. IF SUBSTRATE IS WOOD, 30# FELT PAPER OR MASTIC IS REQUIRED BETWEEN THE GROUT AND WOOD SUBSTRATE, OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION.

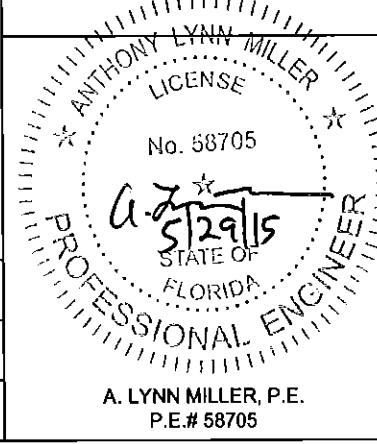
|                  |                |                  |                                                                                             |
|------------------|----------------|------------------|---------------------------------------------------------------------------------------------|
| Revised By: F.K. | Date: 10/22/07 | Revisions: J     | NO CHANGES THIS SHEET                                                                       |
| Revised By: J.J. | Date: 10/14/11 | Revisions: K     | NO CHANGE THIS SHEET                                                                        |
| Revised By: L.M. | Date: 5/28/15  | Revisions: L     | CHANGE EDGE DISTANCE FOR CRETEFLEX & CMU, CHANGE TAPCON TO ULTRACON. ADD WOOD EDGE DISTANCE |
| Drawn By: F.K.   | Date: 09/08/04 | Checked By: J.J. | Date: 04/02/06                                                                              |

1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275  
P.O. BOX 1529  
NOKOMIS, FL 34274

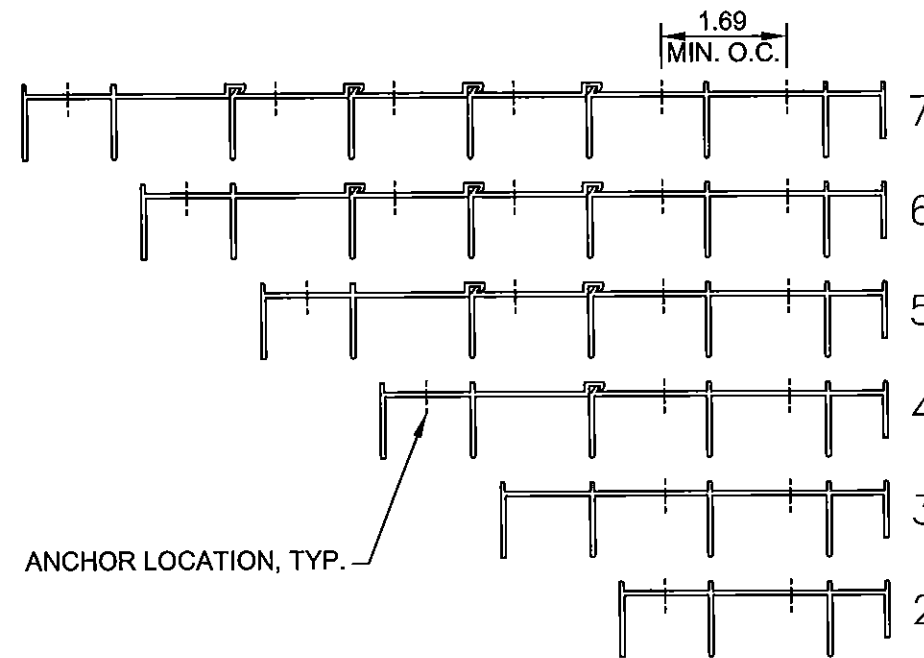


|               |                                        |        |          |                   |
|---------------|----------------------------------------|--------|----------|-------------------|
| Description:  | ANCHORAGE DETAILS                      |        |          |                   |
| Title:        | ALUM. SLIDING GLASS WINDOW, NON-IMPACT |        |          |                   |
| Series/Model: | SGD2500                                | Scale: | 1/4      | Sheet:            |
|               |                                        |        | 17 of 18 | Drawing No. 757-1 |
|               |                                        |        |          | Rev: L            |

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 15-0609.09  
Expiration Date May 22, 2018  
By *Manuel Perez*  
Miami Dade Product Control



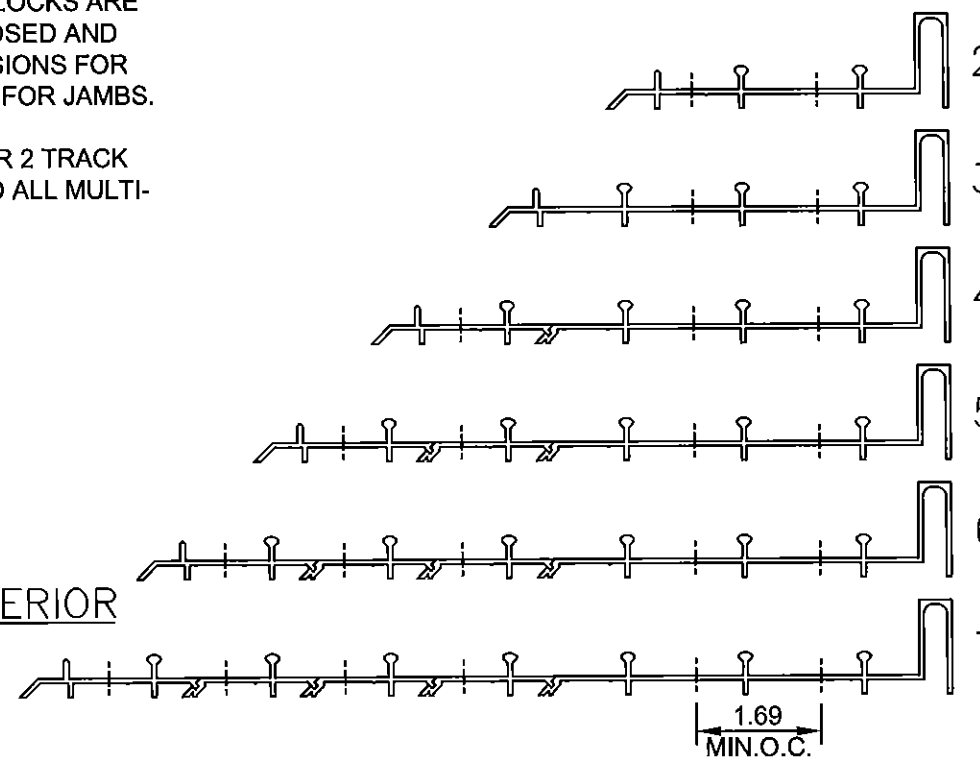
A. LYNN MILLER, P.E.  
P.E.# 58705



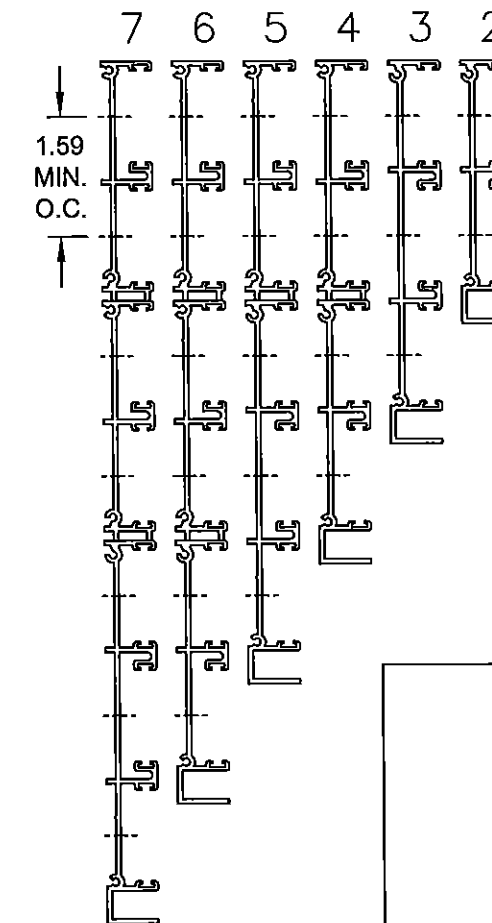
#### NOTES ON POTENTIAL ANCHOR LOCATIONS:

1. ANCHOR CLUSTER AND QUANTITY INFORMATION FROM TABLE 4, SHEET 16, APPLIES AS THE MINIMUM REQUIREMENT FOR ALL TRACK CONFIGURATIONS. ANCHORS MAY BE STAGGERED WITHIN TRACK SECTIONS EXCEPT THAT THE ASTRAGAL AND INTERLOCK CLUSTERS MUST BE LOCATED IN THE TRACK ON WHICH ASTRAGAL AND/OR INTERLOCKS ARE POSITIONED WHEN THE DOOR(S) ARE IN THE CLOSED AND LOCKED POSITION. MINIMUM ON-CENTER DIMENSIONS FOR ANCHORS ARE 1.69" AT HEAD AND SILL AND 1.59" FOR JAMBS.
2. EMBEDMENT AND EDGE DISTANCES SHOWN FOR 2 TRACK FRAMES ON SHEET 17 ARE ALSO APPLICABLE TO ALL MULTI-TRACK SECTIONS.

HEAD/SILL EXTERIOR



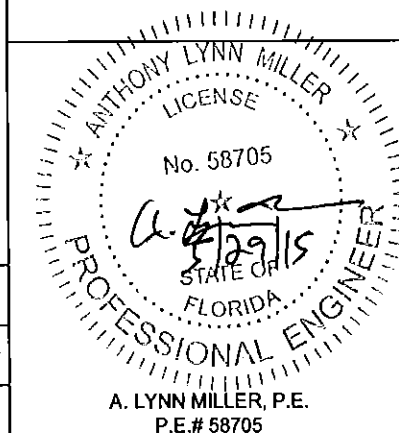
JAMB INTERIOR



JAMB EXTERIOR

HEAD/SILL INTERIOR

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 15-0609.09  
Expiration Date May 22, 2018  
By *Mamuel*  
Miami Dade Product Control



|                     |                   |                     |                                   |
|---------------------|-------------------|---------------------|-----------------------------------|
| Revised By:<br>F.K. | Date:<br>10/22/07 | Revisions:<br>J     | DELETE 1-TRACK HEAD, SILL & JAMB. |
| Revised By:<br>J.J. | Date:<br>10/14/11 | Revisions:<br>K     | NO CHANGE THIS SHEET              |
| Revised By:<br>L.M. | Date:<br>5/28/15  | Revisions:<br>L     | NO CHANGE THIS SHEET              |
| Drawn By:<br>F.K.   | Date:<br>09/08/04 | Checked By:<br>J.J. | Date:<br>04/02/06                 |

1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275  
  
P.O. BOX 1529  
NOKOMIS, FL 34274



|                                                          |                      |                           |                             |                  |
|----------------------------------------------------------|----------------------|---------------------------|-----------------------------|------------------|
| Description:<br><b>FRAME, POTENTIAL ANCHOR LOCATIONS</b> |                      |                           |                             |                  |
| Title:<br><b>ALUM. SLIDING GLASS WINDOW, NON-IMPACT</b>  |                      |                           |                             |                  |
| Series/Model:<br><b>SGD2500</b>                          | Scale:<br><b>1/4</b> | Sheet:<br><b>18 of 18</b> | Drawing No.<br><b>757-1</b> | Rev:<br><b>L</b> |