



**BUILDING CODE COMPLIANCE OFFICE**  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908

**CONTRACTOR LICENSING SECTION**  
(305) 375-2527 FAX (305) 375-2558

**CONTRACTOR ENFORCEMENT DIVISION**  
(305) 375-2966 FAX (305) 375-2908

**PRODUCT CONTROL DIVISION**  
(305) 375-2902 FAX (305) 372-6339

**PRODUCT CONTROL NOTICE OF ACCEPTANCE**

**PGT Industries**  
**1070 Technology Drive**  
**Nokomis ,FL 34275**

Your application for Notice of Acceptance (NOA) of:

**Series 710 Aluminum Horizontal Sliding Window - Non-Impact & Impact Resistant**

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

**ACCEPTANCE NO.: 01-0518.05**  
**EXPIRES: 07/30/2006**

Raul Rodriguez  
Chief Product Control Division

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL  
CONDITIONS  
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.  
Director  
Miami-Dade County  
Building Code Compliance Office

**APPROVED: 09/13/2001**

PGT Industries

ACCEPTANCE No.: 01-0518.05

APPROVED : SEP 13 2001

EXPIRES : July 30, 2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

**1. SCOPE**

1.1 This **renews** the Notice of Acceptance No. **97-1124.11**, which was issued on July 30, 1998. It approves an aluminum horizontal sliding window, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

**2. PRODUCT DESCRIPTION**

2.1 The **Series 710 Aluminum Horizontal Sliding Window – Non-Impact and Large Missile Impact Resistant** and its components shall be constructed in strict compliance with the following documents: Drawing No **4111**, Sheets 1 through 5 of 5, titled "HS-710 Aluminum Horizontal Sliding Window," prepared by manufacturer, dated 11/13/97, revised on 5/8/01, signed and sealed by Robert L. Clark, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

**3. LIMITATIONS**

3.1 This approval applies to single unit applications only, as shown in approved drawings.

**4. INSTALLATION**

4.1 The aluminum horizontal rolling window and its components shall be installed in strict compliance with the approved drawings.

4.2 Hurricane protection system (shutters): The installation of this unit up to 30 feet above grade, **will require** a hurricane protection system, but for installations above 30 feet above grade **will not require** a hurricane protection system.

**5. LABELING**

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

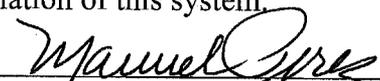
**6. BUILDING PERMIT REQUIREMENTS**

6.1 Application for building permit shall be accompanied by copies of the following:

6.1.1 This Notice of Acceptance

6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.

6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.

  
Manuel Perez, P.E. Product Control Examiner  
Product Control Division

**PGT Industries**

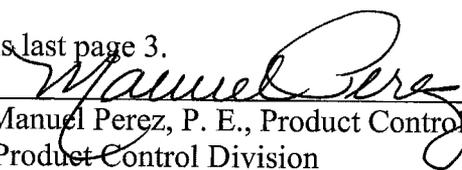
**ACCEPTANCE No.:** 01-0518.05

**APPROVED** : SEP 13 2001

**EXPIRES** : July 30, 2006

**NOTICE OF ACCEPTANCE: STANDARD CONDITIONS**

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
  - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
  - b) The product is no longer the same product (identical) as the one originally approved;
  - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
  - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
  - a) Unsatisfactory performance of this product or process.
  - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

  
Manuel Perez, P. E., Product Control Examiner  
Product Control Division

**END OF THIS ACCEPTANCE**

PGT Industries

ACCEPTANCE No.: 01-0518.05

APPROVED : SEP 13 2001

EXPIRES : July 30, 2006

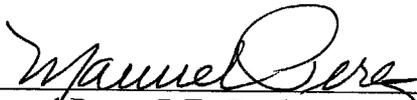
**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**  
*(For File ONLY. Not part of NOA.)*

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No **4111**, Sheets 1 through 5 of 5, titled "HS-710 Aluminum Horizontal Sliding Window," prepared by manufacturer, dated 11/13/97, revised on 5/8/01, signed and sealed by Robert L. Clark, P.E.

**B. TESTS**

1. Test report on: 1) Air Infiltration Test, per SFBC, PA 202-94.  
2) Uniform Static Air Pressure Loading Test, per SFBC, PA 202-94.  
3) Water Resistance Test, per SFBC, PA 202-94.  
4) Forced Entry Resistance Test, per PA 202-94 & AAMA 1302.5-76.  
5) Small Missile Impact Test per SFBC, PA 201-94  
6) Cyclic Wind Pressure Loading per SFBC, PA 203-94  
along with marked-up drawings and installation diagram of 3 specimens of an XO configuration 74-1/8" wide by 63" high series 710 aluminum horizontal sliding window glazed with 3/16" annealed glass, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-1819**, dated Oct. 29, 1997, signed and sealed by Gilbert Diamond, P.E.
2. Test report on: 1) Air Infiltration Test, per SFBC, PA 202-94.  
2) Uniform Static Air Pressure Loading Test, per SFBC, PA 202-94.  
3) Water Resistance Test, per SFBC, PA 202-94.  
4) Forced Entry Resistance Test, per PA 202-94 & AAMA 1302.5-76.  
along with marked-up drawings and installation diagram of 1 specimen of an XO configuration 74-1/8" wide by 63" high series 710 aluminum horizontal sliding window glazed with 3/16" annealed glass, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-1820**, dated Oct. 9, 1997, signed and sealed by Gilbert Diamond, P.E.
3. Test report on: 1) Air Infiltration Test, per SFBC, PA 202-94.  
2) Uniform Static Air Pressure Loading Test, per SFBC, PA 202-94.  
3) Water Resistance Test, per SFBC, PA 202-94.  
4) Forced Entry Resistance Test, per PA 202-94 & AAMA 1302.5-76.  
5) Large Missile Impact Test per SFBC, PA 201-94.  
6) Cyclic Wind Pressure Loading per SFBC, PA 203-94  
along with marked-up drawings and installation diagram of 3 specimens of an XO configuration 74-1/8" wide by 63" high series 710 aluminum horizontal sliding window glazed with 3/16" annealed glass, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-1821**, dated Oct. 29, 1997, signed and sealed by Gilbert Diamond, P.E.

  
Manuel Perez, P.E., Product Control Examiner  
Product Control Division

**PGT Industries**

ACCEPTANCE No.: 01-0518.05

APPROVED : SEP 13 2001

EXPIRES : July 30, 2006

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**  
*(For File ONLY. Not part of NOA.)*

**C. CALCULATIONS**

1. Anchor Calculations and structural analysis and Comparative analysis prepared Robert L. Clark, P.E., dated 11/17/97, revised on 8/20/01, signed and sealed on 11/17/97 by Robert L. Clark, P.E.

**D. MATERIAL CERTIFICATION**

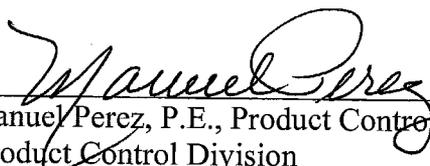
1. Aggregate Certification, dated November 10, 1995, by CSR Rinker Materials for No. 6 coarse mineral aggregate per ASTM D-1863-86 "Standard Specification for Mineral Aggregate Used on Built-Up Roofs".
2. Notice of Acceptance No. **96-0904.07** issued to E.I. DuPont DeNemours for "Sentry Glas Series 457 Laminate Glass" dated 04/24/97, expiring on 04/24/00.

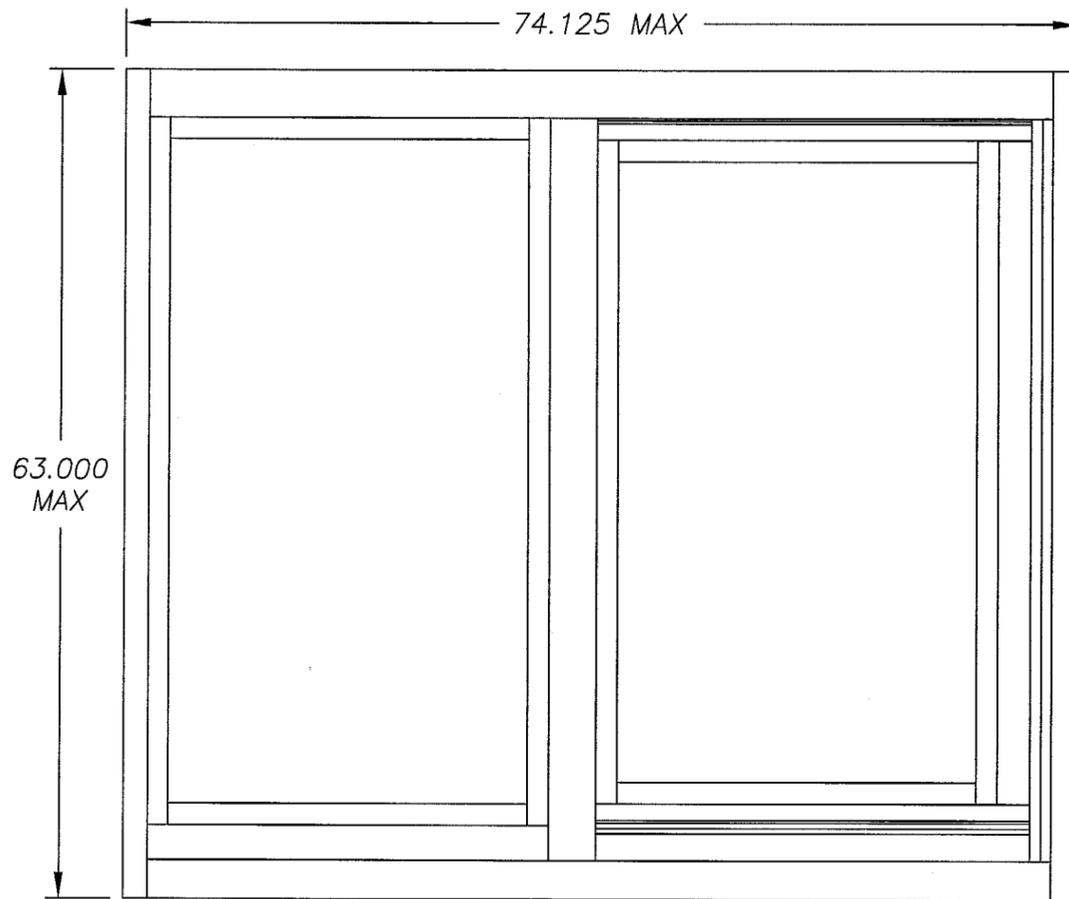
**E. STATEMENTS**

1. Conformance Statement dated on May 15, 2001, issued by PGT Industries, signed and sealed by Robert L. Clark, P.E.
2. "No financial Interest" Statement, dated on May 15, 2001, issued by PGT Industries, signed and sealed by Robert L. Clark, P.E.

**F. OTHER**

1. Notice of Acceptance No. **97-1124.11**, issued to PGT Industries for their Series 710 Aluminum Horizontal Sliding Window, approved on 07/30/98 and expiring on 07/30/01.

  
Manuel Perez, P.E., Product Control Examiner  
Product Control Division



ELEVATION

| NO. | DESCRIPTION                   | V.T. #   | VENDOR                 | QTY./LOCATION                 | VENDOR#    |
|-----|-------------------------------|----------|------------------------|-------------------------------|------------|
| 1   | FLANGE FRAME JAMB             | 612225   | ALUMAX                 | 2                             | AF-12225   |
| 2   | FIXED MEETING RAIL            | 612228   | ALUMAX                 | 1                             | AF-12228   |
| 3   | SASH TOP RAIL                 | 612229   | ALUMAX                 | 1                             | AF-12229   |
| 4   | SASH BOTTOM RAIL              | 612230   | ALUMAX                 | 1                             | AF-12230   |
| 5   | GLAZING BEAD - 1/4"           | 612234   | ALUMAX                 |                               | AF-12234   |
| 6   | WINDLOAD ADAPTER              | 612236   | ALUMAX                 | 1                             | AF-12236   |
| 7   | FLANGE FRAME HEAD             | 612237   | ALUMAX                 | 1                             | AF-12237   |
| 8   | FLANGE FRAME SILL             | 612238   | ALUMAX                 | 1                             | AF-12238   |
| 9   | FRAME SILL ADAPTER            | 612239   | ALUMAX                 | 1                             | AF-12239   |
| 10  | SASH TOP & BOT. RAIL          | 612240   | ALUMAX                 | 2                             | AF-12240   |
| 11  | SCREEN RETAINER               | 6532377  | ALUMAX                 | 1                             | 532377     |
| 12  | 3/16" Annealed Glass          |          | PPG. LOF               |                               |            |
| 13  | 3/16" Ann. Glass w/Dupont 457 |          | lam. by Romag. Vericom |                               |            |
| 14  | 1/4" Tempered Glass           |          | PPG. LOF               |                               |            |
| 15  | 1"x1/2"x 3" OPEN CELL PAD     |          |                        | 3 (@ each weephole)           |            |
| 16  | #6 x 1.000 PH. PAN SMS        | 76X1PPA  | MERCHANTS FASTENER     | 1 (Anti-lift Channel)         |            |
| 17  | #8 x .375 PHIL. P.H. TEK      | 78X38PPT | MERCHANTS FASTENER     | 4 (Windload Adapter)          |            |
| 18  | #8 x .500 PHIL. FI SMS        | 7856A    | MERCHANTS FASTENER     | 4 (Sweep Latches)             |            |
| 19  | #8 x 1.000 PHIL. P.H. SMS     | 781PQA   | MERCHANTS FASTENER     |                               |            |
| 20  | SWEEP LATCH                   | 71096    | MIN. DIE CASTING       | 2 (meet.rail 1 1/2 from ends) | PGT.214.XX |
| 21  | WEEP HOUSING                  | 70250    | MASTER TOOL            | 3 (2.25" from ends, 1 @ cen.) | 7-M10-250  |
| 22  | WEEP FLAP                     | 70251    | MASTER TOOL            | 3 (2.25" from ends, 1 @ cen.) | 7-M10-251  |
| 23  | ROLLER HOUSING                | 71092    | MASTER TOOL            | 2 (1@ ea. end of vent bottom) | 70312      |
| 24  | BRASS WHEELS                  | 7BRWHL2  | VINYL-TECH/P.G.T.      | 2 per Roller Housing.         |            |
| 25  | Wstp. - PILE\FINSEAL          | 61062W   | SCHLEGEL CORP.         | Vent top/bot. & meet. rail    | FS7826-187 |
| 26  | SILICON                       | 62899    | DOW CORNING            |                               | 899        |
| 27  | WEATHERSTRIP, BULB VINYL      | 6TP249   | TEAM PLASTICS          | Vent jamb                     | TP-249     |
| 28  | Wstp., THIN WALL BULB VINYL   | 6TP247   | TEAM PLASTICS          | Glazing Bead (Sentry, 1/4")   | TP-247     |
| 29  | ANTI-LIFT CHANNEL             | 612244   | ALUMAX                 | 1 (frame head @ vent midspan) | AF-12244   |
| 30  | 1"x3/4"x 1/4" OPEN CELL PAD   |          |                        | 2 (1@ ea. end of meet. rail)  |            |
| 31  | Wstp., THICK WALL BULB VINYL  | 6TP248   | TEAM PLASTICS          | Glazing Bead (3/16")          | TP-248     |

NON-IMPACT WINDOWS

- 1.) GLAZING: 3/16" ANNEALED
- 2.) CONFIGURATIONS: XO or OX
- 3.) DESIGN PRESSURE RATING:  
SEE COMPARATIVE ANALYSIS TABLES ON SHEET 3
- 4.) ANCHORS:  
SEE COMPARATIVE ANALYSIS TABLES ON SHEET 3
- 5.) SHUTTER REQUIREMENT:  
SHUTTERS ARE REQUIRED AT ALL INSTALLATIONS
- 6.) REF. TEST REPORT FTL-1820

NON-IMPACT WINDOWS

- 1.) GLAZING: 1/4" TEMPERED
- 2.) CONFIGURATIONS: XO or OX
- 3.) DESIGN PRESSURE RATING:  
+55.5 P.S.F., -55.5 P.S.F.
- 4.) ANCHORS:  
MAX. 6" FROM EACH CORNER  
2 ANCHORS 4" APART, 4" FROM EACH MEETING RAIL  
MAX. SPACING AT HEAD & SILL: 12.000  
MAX. SPACING AT JAMBS: 12.000
- 5.) SHUTTER REQUIREMENT:  
SHUTTERS ARE REQUIRED AT ALL INSTALLATIONS
- 6.) REF. TEST REPORT FTL-1819

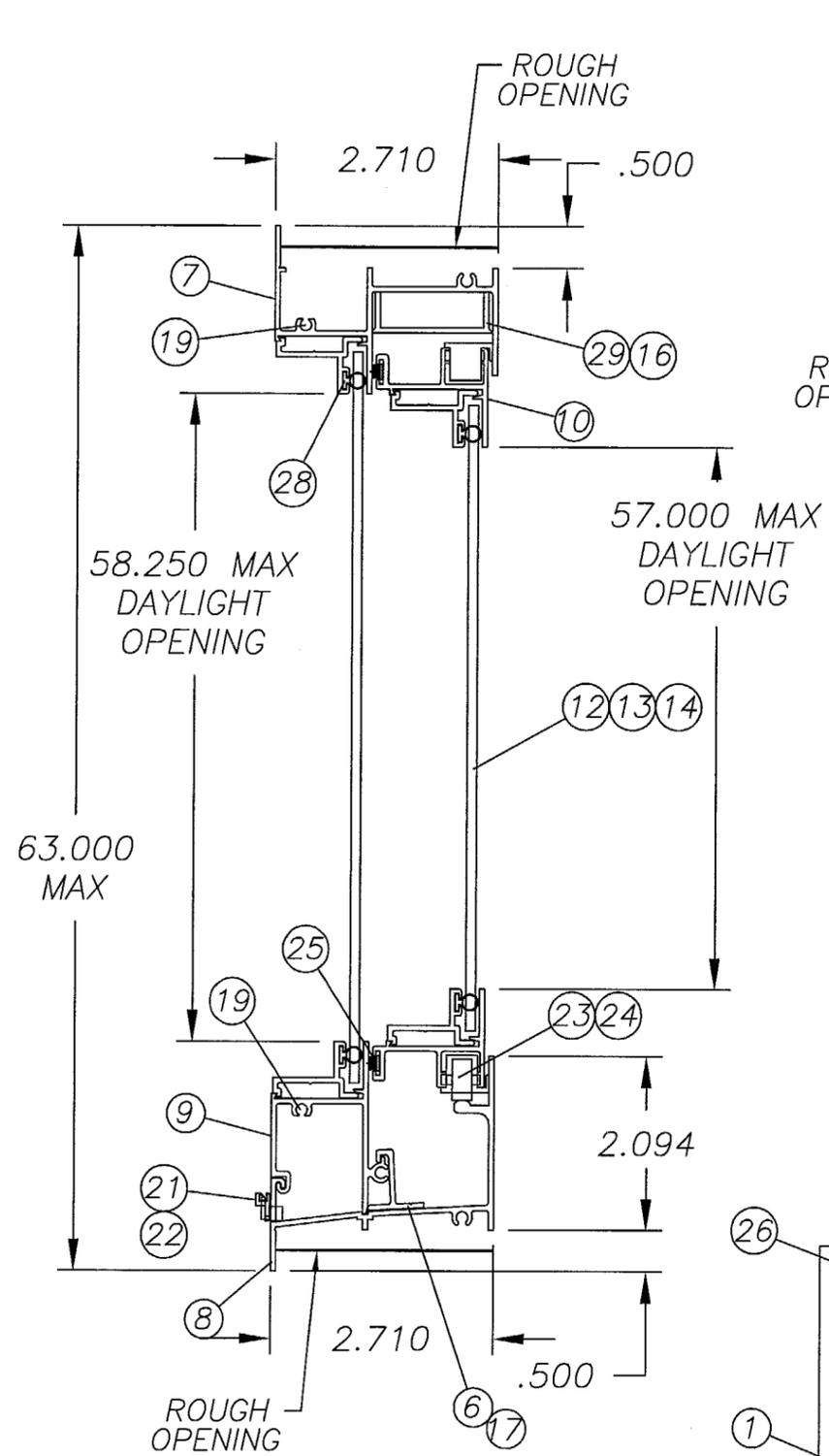
LARGE MISSILE IMPACT WINDOWS

- 1.) GLAZING: 3/16" SENTRY GLASS
- 2.) CONFIGURATIONS: XO or OX
- 3.) DESIGN PRESSURE RATING:  
+55.5 P.S.F., -55.5 P.S.F.
- 4.) ANCHORS:  
MAX. 6" FROM EACH CORNER  
2 ANCHORS 4" APART, 4" FROM EACH MEETING RAIL  
MAX. SPACING AT HEAD & SILL: 12.000  
MAX. SPACING AT JAMBS: 12.000
- 5.) SHUTTER REQUIREMENT:  
NO SHUTTERS REQUIRED
- 6.) REF. TEST REPORT FTL-1821

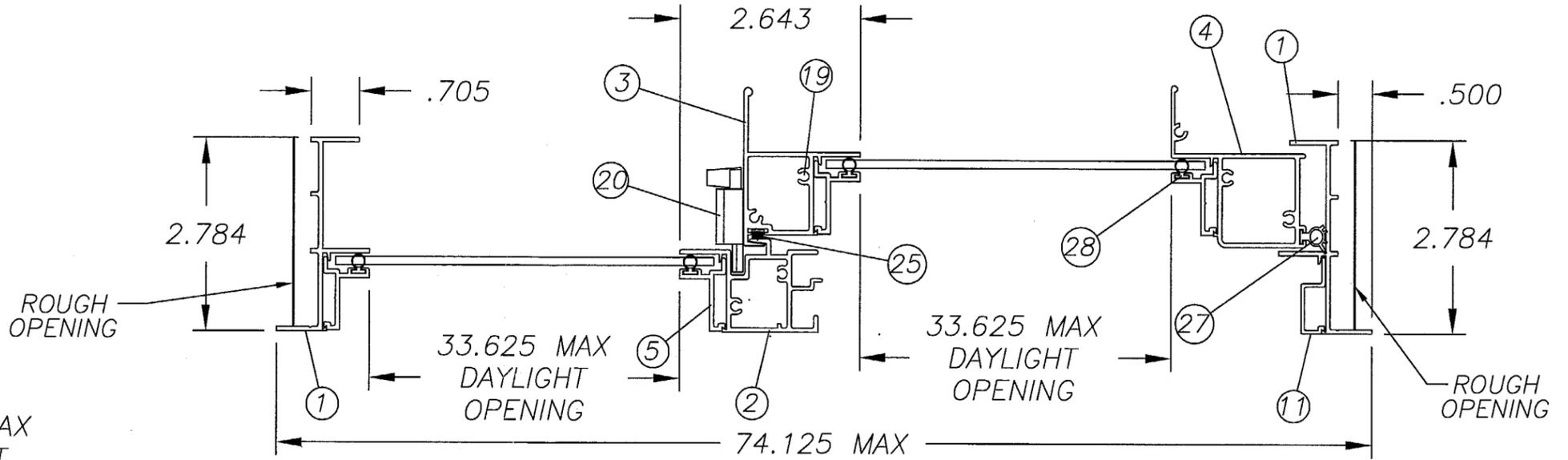
APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE SEP 13 2001  
BY Manuel Perez  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 01-0518-05

*Robert L. Clark*  
7/24/01  
Robert L. Clark, P.E.  
PE #39712  
Structural

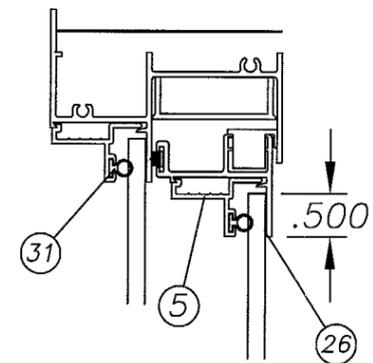
|  |                                    |                      |            |               |                               |
|--|------------------------------------|----------------------|------------|---------------|-------------------------------|
|  | Revsd By: F.K.                     | Date: 7/11/01        | Chkd By:   | Date:         | Revisions: REVSD: D.B. 6/9/98 |
|  | Drawn By: D.B.                     | Date: 11/13/97       |            |               | REVSD: F.K. 5/8/01            |
| Description: ELEVATION VIEW - IMPACT (XO)  |                                    |                      |            |               |                               |
| Title: ALUMINUM HORIZONTAL SLIDING WINDOW  |                                    |                      |            |               |                               |
| 1070 TECHNOLOGY DRIVE<br>NOKOMIS, FL 34275 | P.O. BOX 1529<br>NOKOMIS, FL 34274 | Series/Model: HS-710 | Scale: NTS | Sheet: 1 of 5 | Drawing No. 4111              |
|  |                                    |                      |            |               | Rev: C                        |



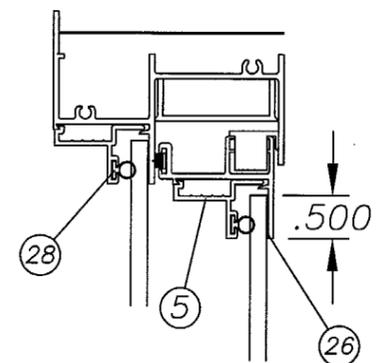
VERTICAL SECTION



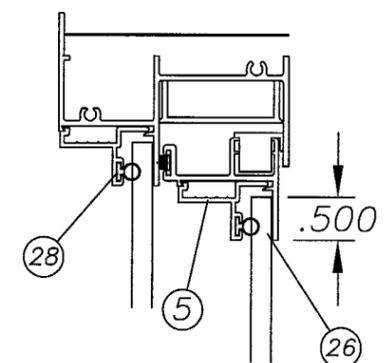
HORIZONTAL SECTION



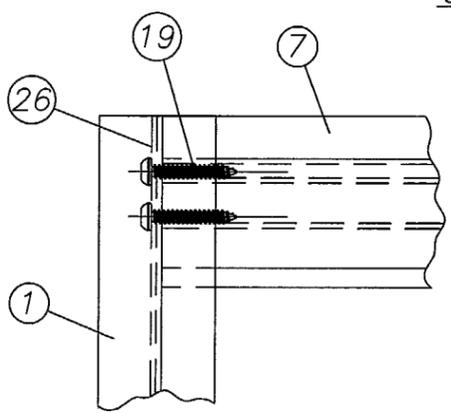
GLAZING OPTION:  
3/16 ANN.



GLAZING OPTION:  
3/16 ANN. w/DUPONT



GLAZING OPTION:  
1/4" TEMP.



CORNER DETAIL  
BUTT JOINT

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE **SEP 13 2001**  
BY *Manuel Perez*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 01-0518-05

REFERENCE: FTL-1819, FTL-1820 & FTL-1821

*Robert L. Clark*  
7/24/01  
Robert L. Clark, P.E.  
PE #39712  
Structural

|  |                                    |                         |               |                  |                               |
|--|------------------------------------|-------------------------|---------------|------------------|-------------------------------|
| <b>PGT<br/>INDUSTRIES</b>                    | Revsd By: F.K.                     | Date: 7/11/01           | Chkd By:      | Date:            | Revisions: REVSD: F.K. 5/8/01 |
|  | Drawn By: D.B.                     | Date: 11/13/97          |               |                  | REVSD: D.B. 6/9/98            |
| Description:<br>SECTION VIEWS - IMPACT (XO)  |                                    |                         |               |                  |                               |
| Title:<br>ALUMINUM HORIZONTAL SLIDING WINDOW |                                    |                         |               |                  |                               |
| 1070 TECHNOLOGY DRIVE<br>NOKOMIS, FL 34275   | P.O. BOX 1529<br>NOKOMIS, FL 34274 | Series/Model:<br>HS-710 | Scale:<br>NTS | Sheet:<br>2 of 5 | Drawing No.<br>4111           |
|  |                                    |                         |               |                  | Rev:<br>C                     |

**COMPARATIVE ANALYSIS FOR: GLASS: 3/16 ANNEALED FTL- 1820 MAX. SIZE 74.125 x 63.000**

NOTES: 1.) Numbers in ( ) parentheses are quantity of anchors per side.  
 2.) Negative Design Loads based on Comparative Analysis and Glass Table ASTM E1300.  
 3.) Positive Design Loads based on Comparative Analysis and Water Test Pressure.  
 4.) Numbers are for #12 screws or 1/4" Tapcons.  
 5.) (1) anchor 4" from each side of meeting rail is required.  
 (Total of (2) anchors at each meeting rail.)  
 Anchors 6" from each corner and as follows:  
 Max. spacing at head & sill = 15.250"  
 Max. spacing at jambs = 12.500"

| Window Width | Window Height |       |            |       |            |       |            |       |
|--------------|---------------|-------|------------|-------|------------|-------|------------|-------|
|              | 26.000 (2)    |       | 38.375 (3) |       | 50.625 (4) |       | 63.000 (5) |       |
|              | neg           | pos   | neg        | pos   | neg        | pos   | neg        | pos   |
| 24.000 (4)   | -120.00       | 66.67 | -120.00    | 66.67 | -120.00    | 66.67 | -120.00    | 66.67 |
| 26.500 (4)   | -120.00       | 66.67 | -120.00    | 66.67 | -120.00    | 66.67 | -120.00    | 66.67 |
| 37.000 (4)   | -120.00       | 66.67 | -120.00    | 66.67 | -107.10    | 66.67 | -91.90     | 66.67 |
| 48.000 (4)   | -120.00       | 66.67 | -89.30     | 66.67 | -67.60     | 66.67 | -57.20     | 57.20 |
| 53.125 (6)   | -107.70       | 66.67 | -80.30     | 66.67 | -58.40     | 58.40 | -48.00     | 48.00 |
| 60.000 (6)   | -85.90        | 66.67 | -72.30     | 66.67 | -53.20     | 53.20 | -41.10     | 41.10 |
| 66.000 (6)   | -73.10        | 66.67 | -67.30     | 66.67 | -49.60     | 49.60 | -38.10     | 38.10 |
| 72.000 (6)   | -63.50        | 63.50 | -58.60     | 58.60 | -47.30     | 47.30 | -36.70     | 36.70 |
| 74.000 (6)   | -60.90        | 60.90 | -55.50     | 55.50 | -46.50     | 46.50 | -36.50     | 36.50 |

**COMPARATIVE ANALYSIS FOR: GLASS: 1/4 TEMPERED FTL- 1819 MAX. SIZE 74.125 x 63.000**

NOTES: 1.) Numbers in ( ) parentheses are quantity of anchors per side.  
 2.) Negative Design Loads based on Comparative Analysis and Glass Table ASTM E1300.  
 3.) Positive Design Loads based on Comparative Analysis and Water Test Pressure.  
 4.) Numbers are for #12 screws or 1/4" Tapcons.  
 5.) (1) anchor 4" from each side of meeting rail is required.  
 (Total of (2) anchors at each meeting rail.)  
 Anchors 6" from each corner and as follows:  
 Max. spacing at head & sill = 15.250"  
 Max. spacing at jambs = 12.500"

| Window Width | Window Height |       |            |       |            |       |            |       |
|--------------|---------------|-------|------------|-------|------------|-------|------------|-------|
|              | 26.000 (2)    |       | 38.375 (3) |       | 50.625 (4) |       | 63.000 (5) |       |
|              | neg           | pos   | neg        | pos   | neg        | pos   | neg        | pos   |
| 24.000 (4)   | -190.00       | 66.70 | -190.00    | 66.70 | -190.00    | 66.70 | -190.00    | 66.70 |
| 26.500 (4)   | -190.00       | 66.70 | -190.00    | 66.70 | -190.00    | 66.70 | -190.00    | 66.70 |
| 37.000 (4)   | -190.00       | 66.70 | -190.00    | 66.70 | -172.10    | 66.70 | -132.50    | 66.70 |
| 48.000 (4)   | -190.00       | 66.70 | -190.00    | 66.70 | -142.10    | 66.70 | -107.60    | 66.70 |
| 53.125 (6)   | -155.30       | 66.70 | -155.20    | 66.70 | -132.80    | 66.70 | -99.70     | 66.70 |
| 60.000 (6)   | -123.90       | 66.70 | -121.70    | 66.70 | -121.70    | 66.70 | -91.50     | 66.70 |
| 66.000 (6)   | -105.30       | 66.70 | -100.60    | 66.70 | -100.60    | 66.70 | -85.80     | 66.70 |
| 72.000 (6)   | -91.60        | 66.70 | -84.50     | 66.70 | -84.50     | 66.70 | -81.30     | 66.70 |
| 74.000 (6)   | -87.80        | 66.70 | -80.00     | 66.70 | -80.00     | 66.70 | -80.00     | 66.70 |

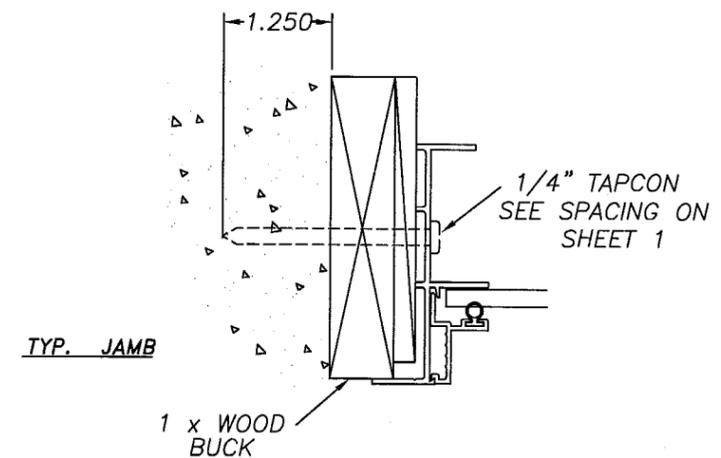
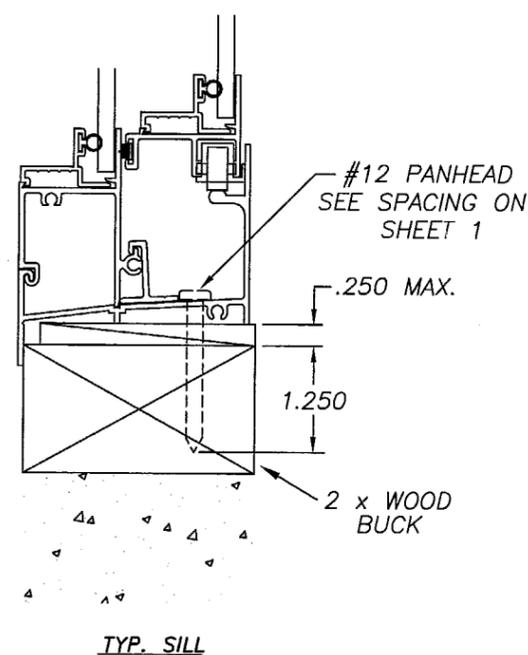
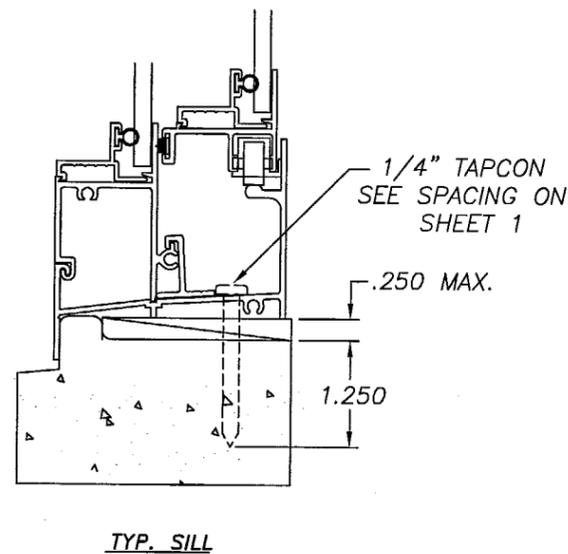
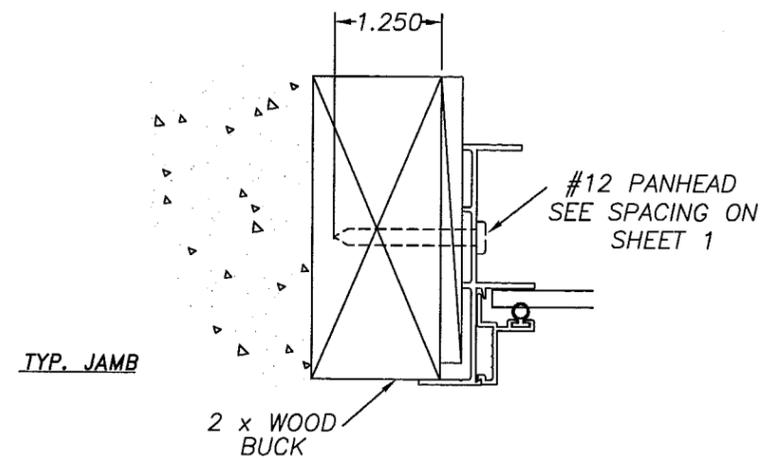
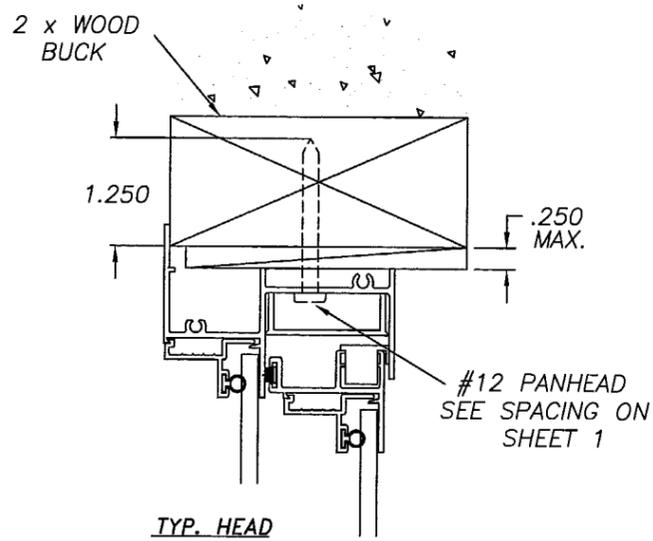
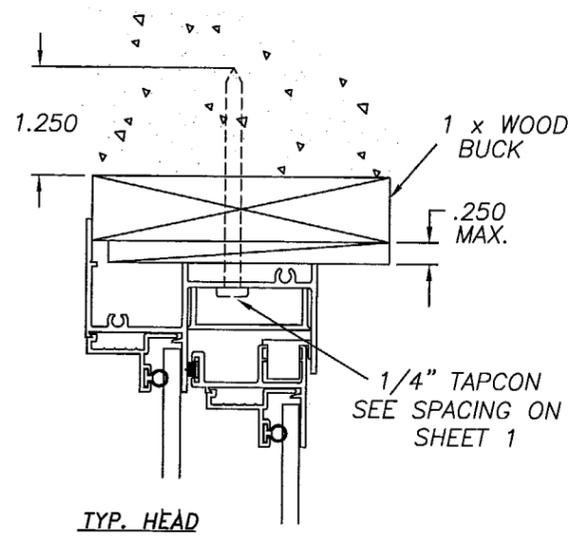
APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE SEP 13 2001  
 BY Mamuel Tere  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 01-0518-05

*Robert L. Clark*  
 8/20/01  
 Robert L. Clark, P.E.  
 PE #39712  
 Structural



|  |                                    |                      |                  |                               |
|--|------------------------------------|----------------------|------------------|-------------------------------|
| Revsd By: F.K.                                   | Date: 7/11/01                      | Chkd By:             | Date:            | Revisions: REVSD: D.B. 6/9/98 |
| Drawn By: D.B.                                   | Date: 11/13/97                     |                      |                  | REVSD: F.K. 5/8/01            |
| Description: COMPARATIVE ANALYSIS - 3/16A & 1/4T |                                    |                      |                  |                               |
| Title: ALUMINUM HORIZONTAL SLIDING WINDOW        |                                    |                      |                  |                               |
| 1070 TECHNOLOGY DRIVE<br>NOKOMIS, FL 34275       | P.O. BOX 1529<br>NOKOMIS, FL 34274 | Series/Model: HS-710 | Scale: NTS       | Sheet: 3 of 5                 |
|  |                                    |                      | Drawing No. 4111 | Rev: C                        |

REFERENCE TEST REPORTS: FTL-1819 & FTL-1820



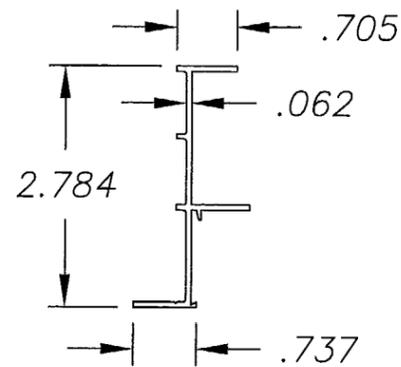
APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE **SEP 13 2004**  
BY *Manuel Perez*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. **01-0518-05**

REFERENCE: FTL-1819, FTL-1820 & FTL-1821

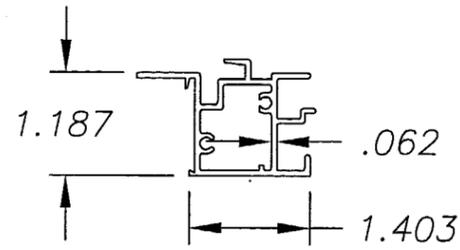
*Robert L. Clark*  
7/24/01  
Robert L. Clark, P.E.  
PE #39712  
Structural

**P&G  
INDUSTRIES**

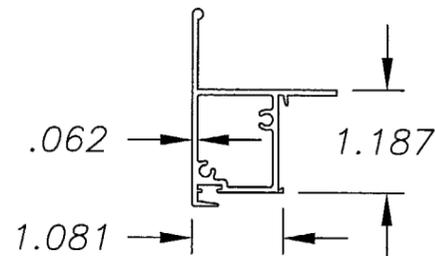
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| Revsd By:<br>F.K.                            | Date:<br>7/11/01                   | Chkd By:                | Date:               | Revisions:<br>REVSD: F.K. 5/8/01 |
| Drawn By:<br>D.B.                            | Date:<br>11/13/97                  |                         |                     | REVSD: D.B. 6/9/98               |
| Description:<br>ANCHORAGE                    |                                    |                         |                     |                                  |
| Title:<br>ALUMINUM HORIZONTAL SLIDING WINDOW |                                    |                         |                     |                                  |
| 1070 TECHNOLOGY DRIVE<br>NOKOMIS, FL 34275   | P.O. BOX 1529<br>NOKOMIS, FL 34274 | Series/Model:<br>HS-710 | Scale:<br>NTS       | Sheet:<br>4 of 5                 |
|  |                                    |                         | Drawing No.<br>4111 | Rev:<br>C                        |



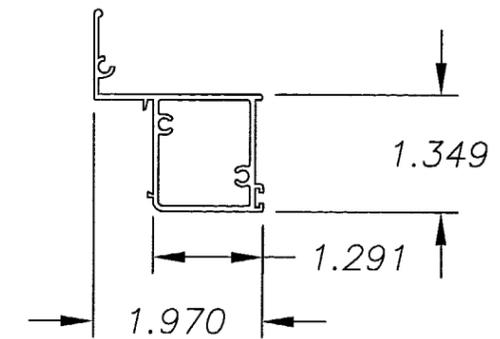
① FLANGE FRAME  
6063-T5 ALUM.



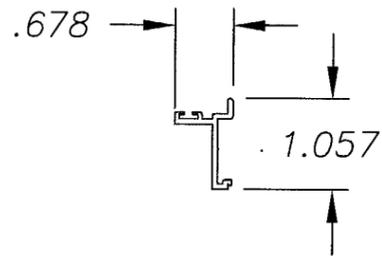
② FIXED MEETING RAIL  
6063-T5 ALUM.



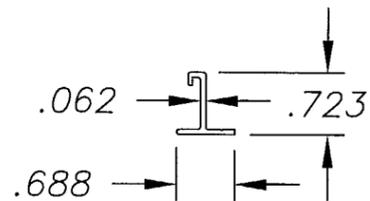
③ SASH TOP RAIL  
6063-T5 ALUM.



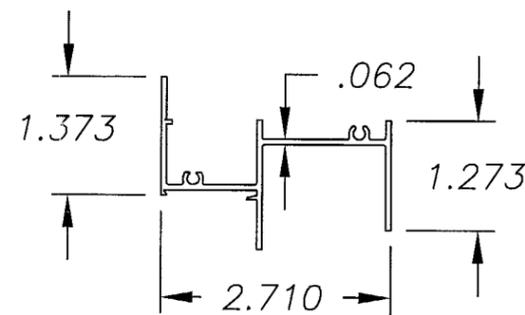
④ SASH BOTTOM RAIL  
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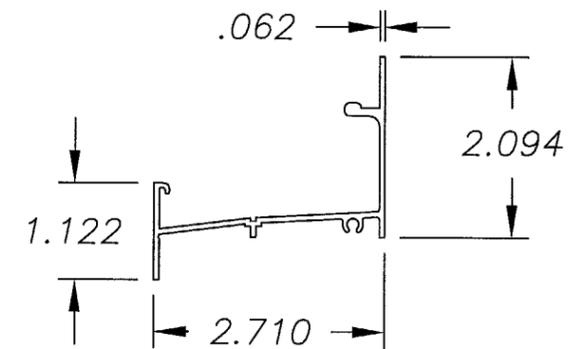
⑤ 1/4" GLAZING BEAD



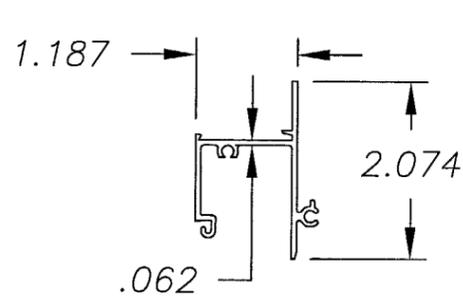
⑥ WIND LOAD ADAPTER  
6063-T5 ALUM.



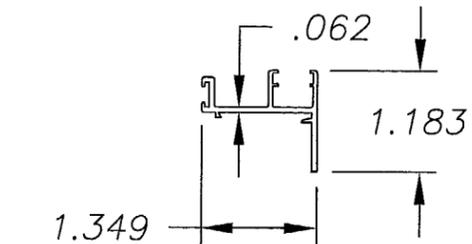
⑦ FLANGE FRAME HEAD  
6063-T5 ALUM.



⑧ FLANGE FRAME SILL  
6063-T5 ALUM.



⑨ FRAME SILL ADAPTER  
6063-T5 ALUM.



⑩ SASH TOP & BOTTOM RAIL  
6063-T5 ALUM.

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE **SEP 13 2001**  
BY *Manuel*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. **01-0518-05**

REFERENCE: FTL-1819, FTL-1820 & FTL-1821

*Robert L. Clark*  
7/24/01  
Robert L. Clark, P.E.  
PE #39712  
Structural

**PGT**  
INDUSTRIES

|  |                                    |                         |               |                                  |
|--|------------------------------------|-------------------------|---------------|----------------------------------|
| Revsd By:<br>F.K.                            | Date:<br>7/11/01                   | Chkd By:                | Date:         | Revisions:<br>REVSD: F.K. 5/8/01 |
| Drawn By:<br>F.K.                            | Date:<br>5/8/01                    | REVSD: D.B. 6/9/98      |               |                                  |
| Description:<br>EXTRUSION PROFILES           |                                    |                         |               |                                  |
| Title:<br>ALUMINUM HORIZONTAL SLIDING WINDOW |                                    |                         |               |                                  |
| 1070 TECHNOLOGY DRIVE<br>NOKOMIS, FL 34275   | P.O. BOX 1529<br>NOKOMIS, FL 34274 | Series/Model:<br>HS-710 | Scale:<br>NTS | Sheet:<br>5 of 5                 |
| Drawing No.<br>4111                          |                                    |                         | Rev:<br>C     |                                  |