MIAMI-DADE COUNTY
DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

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

# NOTICE OF ACCEPTANCE (NOA)

**Continental Glass Systems, Inc.**
**325 West 74th Place**
**Hialeah FL, 33014**

**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 "3000" Aluminum Window Wall System - S.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **FXD-3000-SM,** titled "Series 3000 Fixed Window Small Missile", sheets 1 through 10 of 10, prepared by manufacturer, dated 11/23/05, with revision #2 dated 11/14/12, signed and sealed by Kelvyn A. Whitfield, 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: Small Missile Impact Resistant**

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

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

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

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

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

This NOA **revises NOA# 11-0119.26** and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

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

MIAMI-DADE COUNTY APPROVED

1/18/13

**NOA No. 12-1120.08**
**Expiration Date: March 30, 2016**
**Approval Date: January 31, 2013**

**Continental Glass Systems, Inc.**

## NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **FXD-3000-SM,** titled "Series 3000 Fixed Window Small Missile, sheet 1 through 10 of 10, prepared by manufacturer, dated 11/23/05, with revision #2 dated 11/14/12, signed and sealed by, Kelvyn A. Whitfield, 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 20294
   3) Water Resistance Test, per FBC, TAS 202-94
   4) Small Missile Impact Test per FBC, TAS 201-94
   5) Cyclic Wind Pressure Loading per FBC, TAS 203-94

   along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-4728** dated 10/07/05, signed and sealed by Edmundo J. Largaespada, P.E.
   ***(Submitted under previous NOA #05-1220.17)***

**C. CALCULATIONS:**

1. Anchor verification calculations and structural analysis, complying with FBC-2007, dated 01/01/11, prepared, signed and sealed by Kelvyn A. Whitfield, P.E.
   ***(Submitted under previous NOA# 11-0119.26)***
2. Glazing complies with ASTM E1300-04

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **11–1102.11** issued to **Solutia, Inc.** for their "**Saflex Clear and Color Glass Interlayers**" dated 06/14/12, expiring on 05/21/16.

**F. STATEMENTS**

1. Statement Letter of conformance, complying with FBC 2010, dated 11/13/12, signed by Kelvyn A. Whitfield, P.E.
2. Statement letter of no financial interest, dated 11/23/05, signed by Kelvyn A. Whitfield, P. E. ***(Submitted under previous NOA# 11-0119.26)***

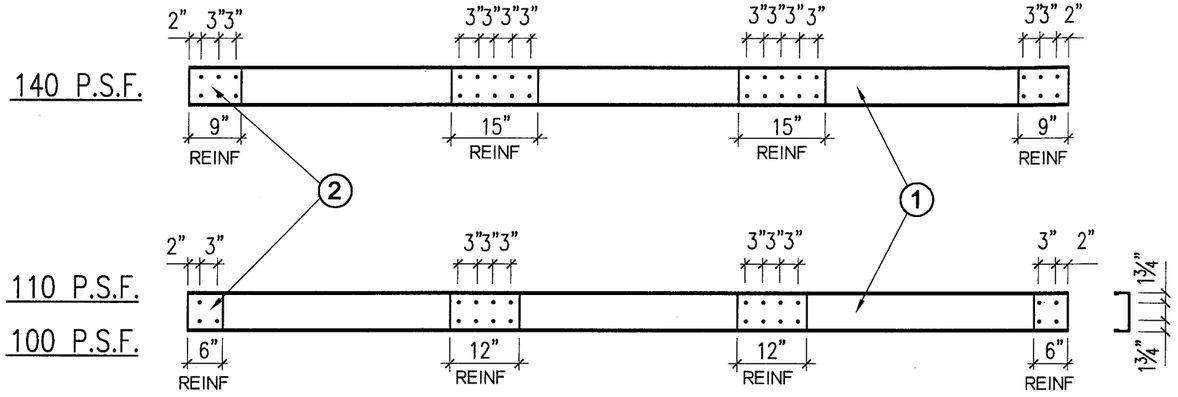
**G. OTHERS**

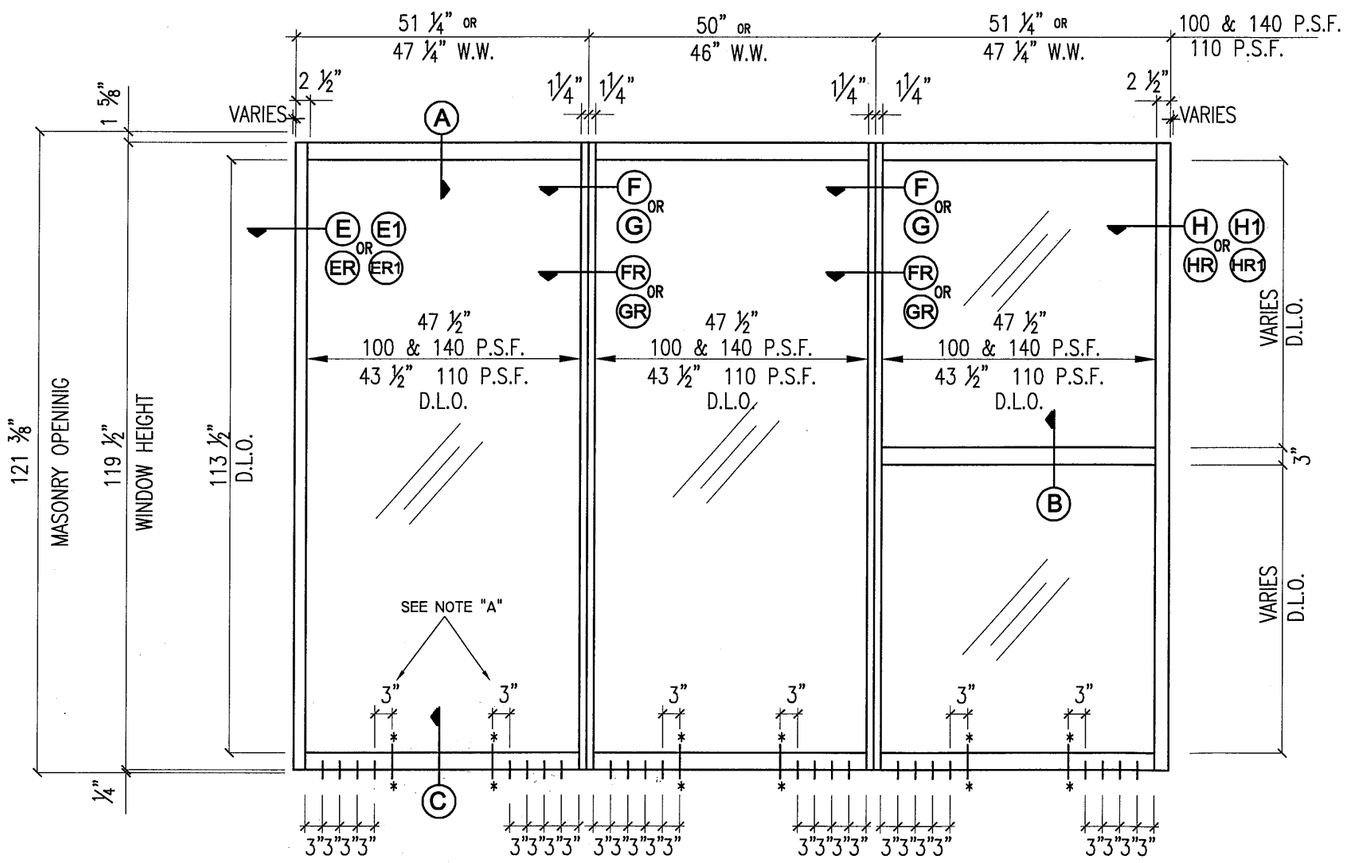
1. Notice of Acceptance No. **11-0119.26**, issued to Continental Glass Systems, Inc. for their Series "3000" Aluminum Window Wall System – S.M.I., approved on 03/24/11 and expiring on 03/30/16.

Manuel Perez

**Manuel Perez, P.E.**
**Product Control Examiner**
**NOA No. 12-1120.08**
**Expiration Date: March 30, 2016**
**Approval Date: January 31, 2013**

# HEAD RECEPTOR




FIXED WINDOW ELEVATION
EXTERIOR VIEW

NOTE "A"

* ADD (2) ANCHORS TO EACH * PANEL WHEN LOAD = 140 P.S.F.

| DESIGN LOAD CAPACITY (P.S.F.) | | MULLION REINFORCING CHANELS | MAXIMUN D.L.O. WIDTH | MAXIMUN WINDOW WIDTH |
|---|---|---|---|---|
| POSITIVE | NEGATIVE | | | |
| 110 | 110 | NO | 43 1/2" | 46" |
| 140 | 140 | YES | 47 1/2" | 50" |
| 100 | 100 | NO | 47 1/2" | 50" |

## C.G.S. SERIES 3000 FIXED WINDOW

NOTES:

1. THIS FIXED WINDOW SYSTEM IS DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2010 (FBC) FLORIDA BUILDING CODE CHAPTER 16 AND 24, UNDER THE SPECIFIC CONDITION SHOWN ON THIS DRAWING. REF. FTL No. 4728 (DATED 4th OCT. 2005)

2. ALL EXTRUSIONS ARE ALUMINUM, 6005–T5 ALLOY, WITH A MINIMUM Fy OF 35.000 P.S.I.

3. SMALL MISSILE IMPACT: INSTALLATION UP TO 30 FT ABOVE GRADE WILL REQUIRE A HURRICANE PROTECTION SYSTEM. BUT FOR INSTALLATION ABOVE 30 FT ABOVE GRADE WILL NOT REQUIRE A HURRICANE PROTECTION SYSTEM.

4. ALL INSTALLATION ANCHORS ARE 5/16"ø TAP–CON 1 3/4" MIN. EMBEDMENT INTO FILLED CONCRETE BLOCK OR BETTER.

5. SHIMS. USE HARD PLASTIC.

6. APPROVED STRUCTURAL SILICONE:

   A) 795 DOW CORNING
   B) SCS 2000 BY GE
   C) PROGLAZE SSG BY TREMCO
   D) DOW CORNING CONTRACTORS WEATHERPROOFING SEALANT

7. APPROVED PERIMETER SILICONE SEALANT: 790 & 795 DOW CORNING


Continental Glass Systems Inc
325 West 74 Place
Hialeah Florida, 33014
Phone 305-231-1101 Fax 305-231-1103

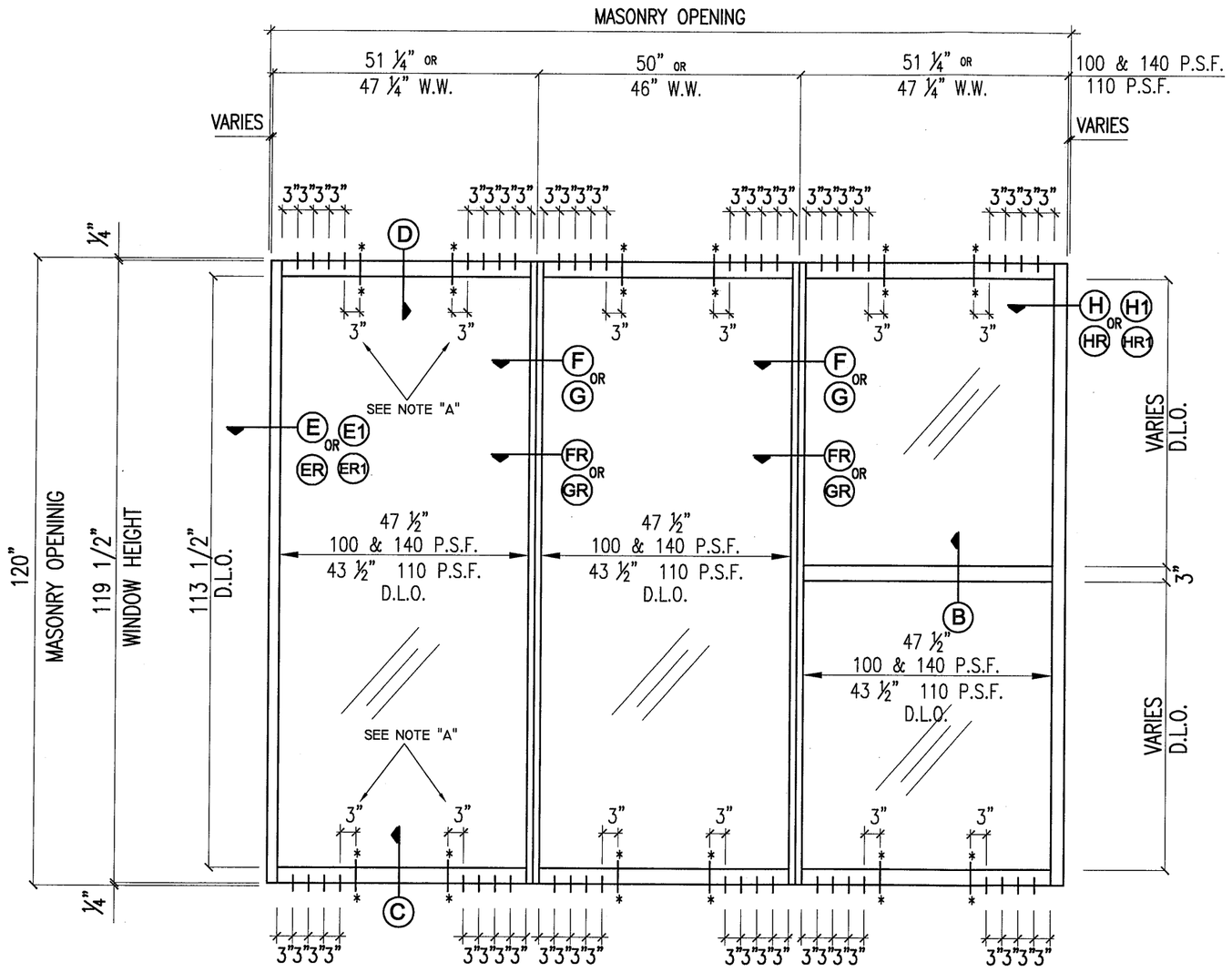

Series 3000 FIXED WINDOW SMALL MISSILE

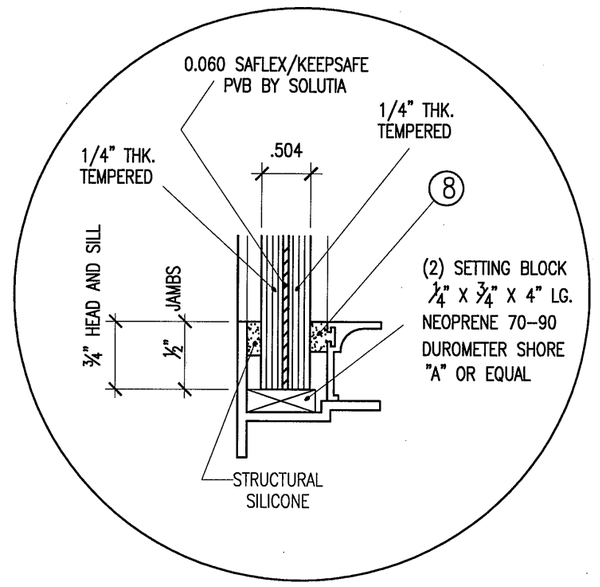
| REVISION | | | |
|---|---|---|---|
| No | Date | By | Description |
| 1 | 01-04-2011 | R. F. | RENEWAL |
| 2 | 11-14-2012 | M.E.P | PRODUCT CONTROL |

| | |
|---|---|
| Date | 11-23-05 |
| Scale | |
| Design by | G. S. |
| Drawing by | RICHARD |
| Checked by | G. S. |
| Drawing No. | FXD-3000-SM |
| Sheet | 1 of 10 |

| APPROVED | ELEVATION |
|---|---|
| PRODUCT REVISED as complying with the Florida Building Code Acceptance No 12-1120.08 Expiration Date March 30, 2016 By Manuel Perez Miami Dade Product Control | KELVYN WHITFIELD.P.E 1002 NE 116 ST MIAMI, FL 33161 DATE 11/13/12 FLORIDA No-24140 MECHANICAL |

# HEAD STANDARD FRAME




GLAZING DETAIL

FIXED WINDOW ELEVATION
EXTERIOR VIEW

| DESIGN LOAD CAPACITY (P.S.F.) | | MULLION REINFORCING CHANELS | MAXIMUN D.L.O. WIDTH | MAXIMUN WINDOW WIDTH |
|---|---|---|---|---|
| POSITIVE | NEGATIVE | | | |
| 110 | 110 | NO | 43 1/2" | 46" |
| 140 | 140 | YES | 47 1/2" | 50" |
| 100 | 100 | NO | 47 1/2" | 50" |

NOTE "A"

* ADD (2) ANCHORS TO EACH PANEL WHEN LOAD = 140 P.S.F.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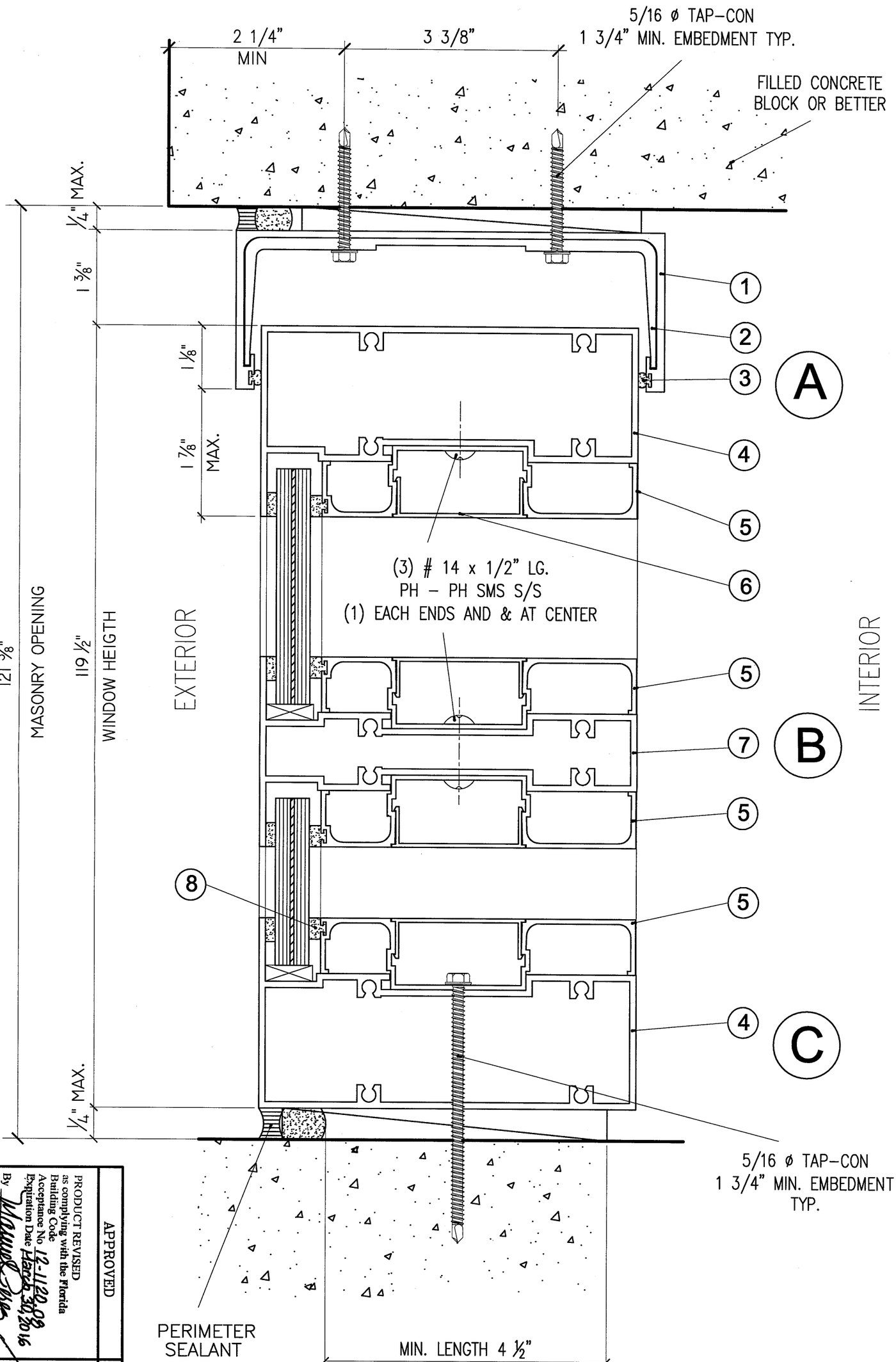
Series 3000
FIXED WINDOW
SMALL MISSILE

REVISION

| No | Date | By | Description |
|---|---|---|---|
| 1 | 01-04-2011 | R. P. | RENEWAL |
| 2 | 11-14-2012 | M.E.P. | PRODUCT CONTROL |

| | |
|---|---|
| Date | 11-23-05 |
| Scale | |
| Design by | G. S. |
| Drawing by | RICHARD |
| Checked by | G. S. |
| Drawing No. | FXD-3000-SM |
| Sheet 2 | of 10 |

| APPROVED | ELEVATION |
|---|---|
| PRODUCT REVISED as complying with the Florida Building Code Acceptance No 12-1120.08 Expiration Date March 30, 2016 By Manuel Perez Miami Dade Product Control | KELVYN WHITFIELD.P.E 1002 NE 116 ST MIAMI, FL 33161 DATE 11/13/12 FLORIDA No-24140 MECHANICAL |




APPROVED

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-1122.03
Expiration Date March 30, 2016
By Miami Dade Product Control

SECTIONS

KELVYN WHITFIELD P.E
1002 NE 116 ST
MIAMI, FL 33161
DATE 11/13/12
FLORIDA No-24140
MECHANICAL

| REVISION | | | |
|---|---|---|---|
| No | Date | By | Description |
| 1 | 01-04-2011 | R. P. | RENEWAL |
| 2 | 11-14-2012 | M.E.P | PRODUCT CONTROL |

Date 11-28-05
Scale
Design by G. S.
Drawing by RICHARD
Checked by G. S.
Drawing No. FXD-3000-SM
Sheet 3 of 10

Series 3000
FIXED WINDOW
SMALL MISSILE

Continental Glass Systems Inc
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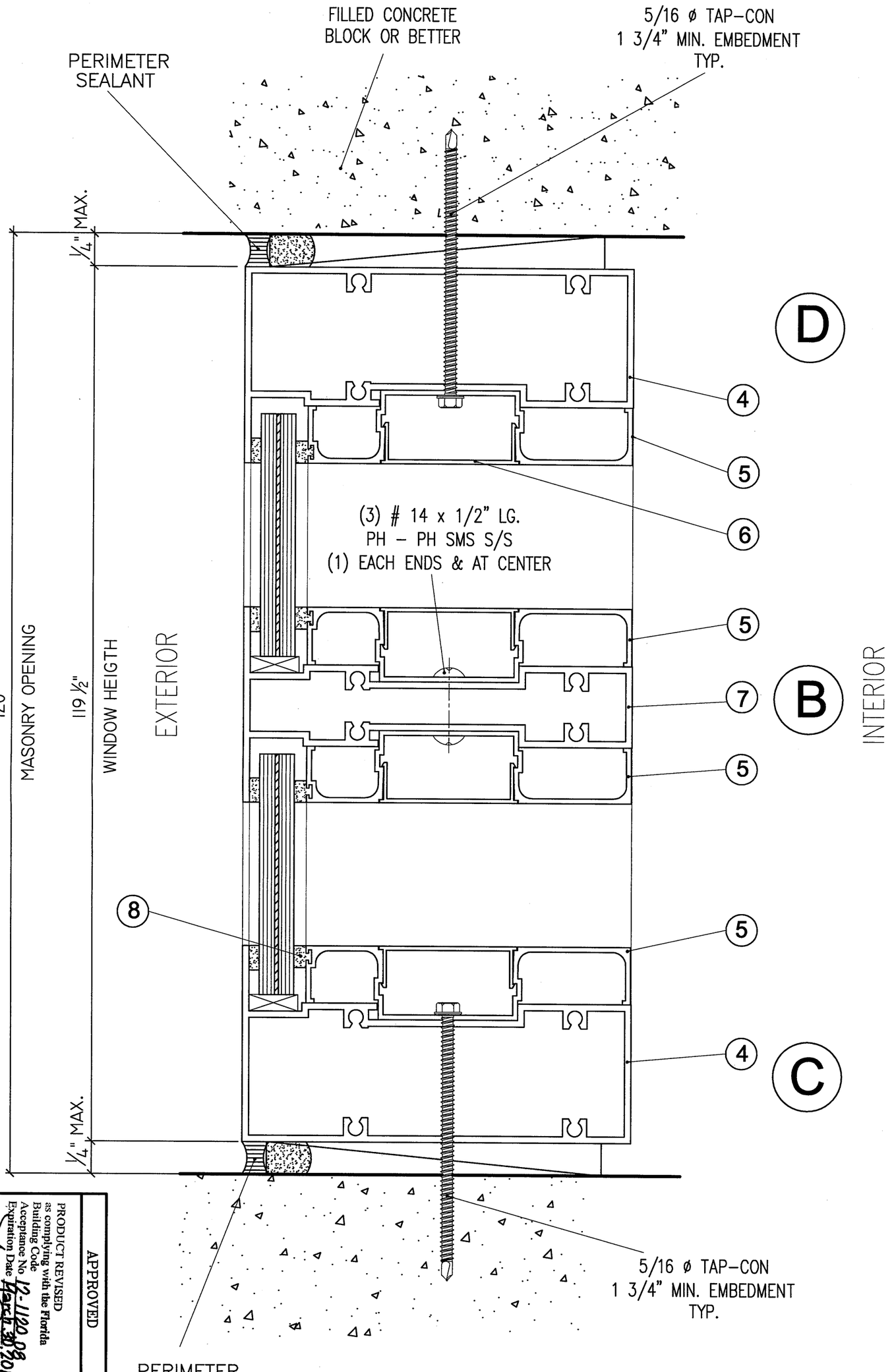
Hialeah Florida, 33014
Phone 305-231-1101 Fax 305-231-1103




PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-1129.03
Expiration Date March 30, 2016
By
Miami Dade Product Control

APPROVED

KELVYN WHITFIELD P.E
1002 NE 116 ST
MIAMI, FL 33161
DATE 11/13/12
FLORIDA No-24140
MECHANICAL

SECTIONS

| | |
|---|---|
| Sheet | 4 of 10 |
| Drawing No. | FXD-3000-SM |
| Checked by | G. S. |
| Drawing by | RICHARD |
| Design by | G. S. |
| Scale | |
| Date | 11-28-05 |

REVISION

| No | Date | By | Description |
|---|---|---|---|
| 1 | 01-04-2011 | R. P. | RENEWAL |
| 2 | 11-14-2012 | M.E.P | PRODUCT CONTROL |

Series 3000
FIXED WINDOW
SMALL MISSILE

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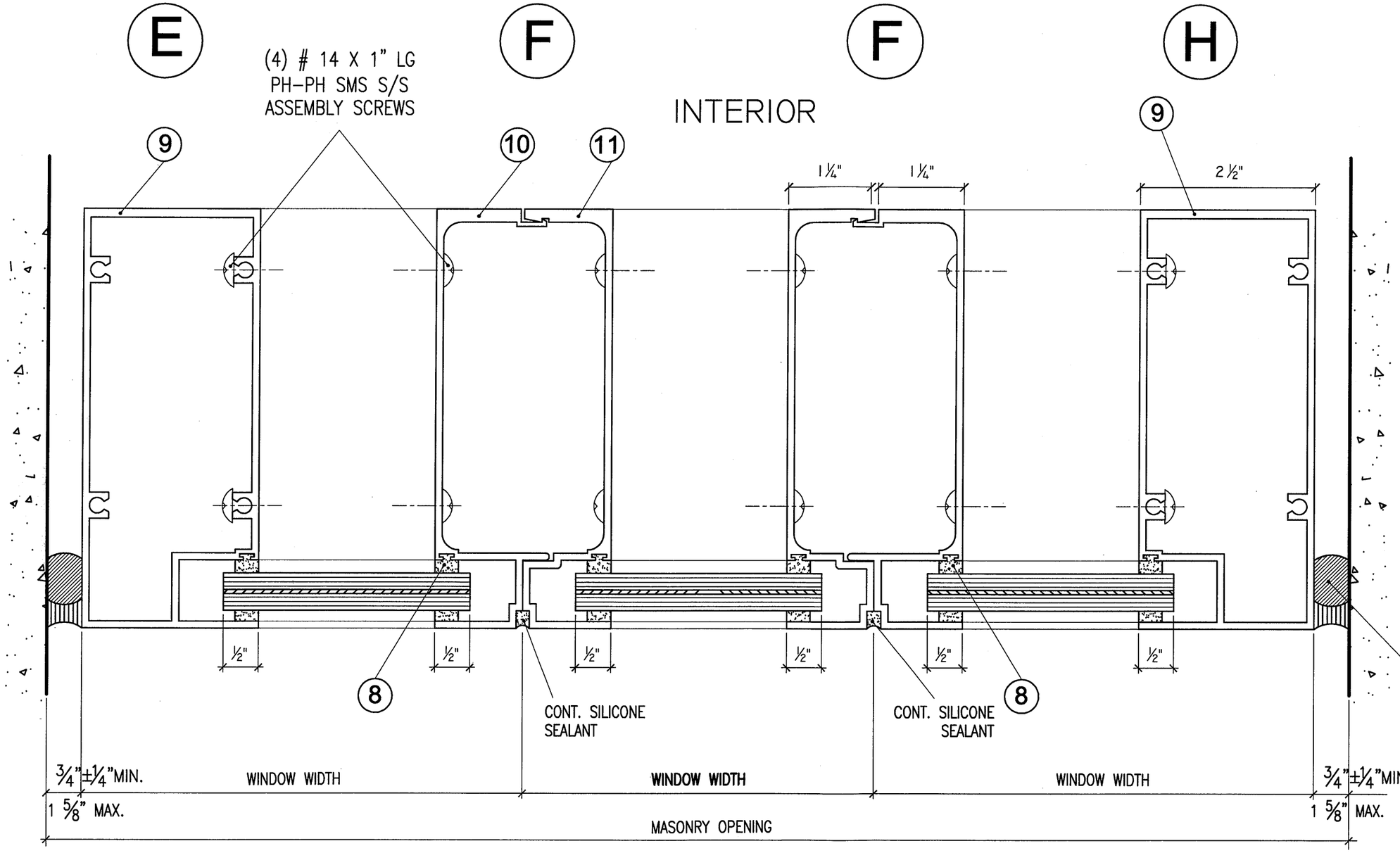


NOTES:
1. BACKER ROD DIAMETER EQUALS SEAL WIDTH x 120%
2. SEALANT DEPTH IS :
   ½" FOR WIDTHS UP TO 1" AND
   5⁄8" FOR WIDTHS OVER 1"

## EXTERIOR

| DESIGN LOAD CAPACITY (P.S.F.) | | MULLION REINFORCING CHANNELS |
|---|---|---|
| POSITIVE | NEGATIVE | |
| 110 | 110 | NO |
| 100 | 100 | NO |

NOTE:
THE HEAD , SILL & INTERMEDIATE MEMBERS MITER UP TO 8°

| APPROVED | SECTIONS |
|---|---|
| PRODUCT REVISED as complying with the Florida Building Code Acceptance No 12-1120.08 Expiration Date March 30, 2016 By Manuel Perez Miami Dade Product Control | KELVYN WHITFIELD.P.E 1002 NE 116 ST MIAMI, FL 33161 DATE 11/13/12 FLORIDA No-24140 MECHANICAL |

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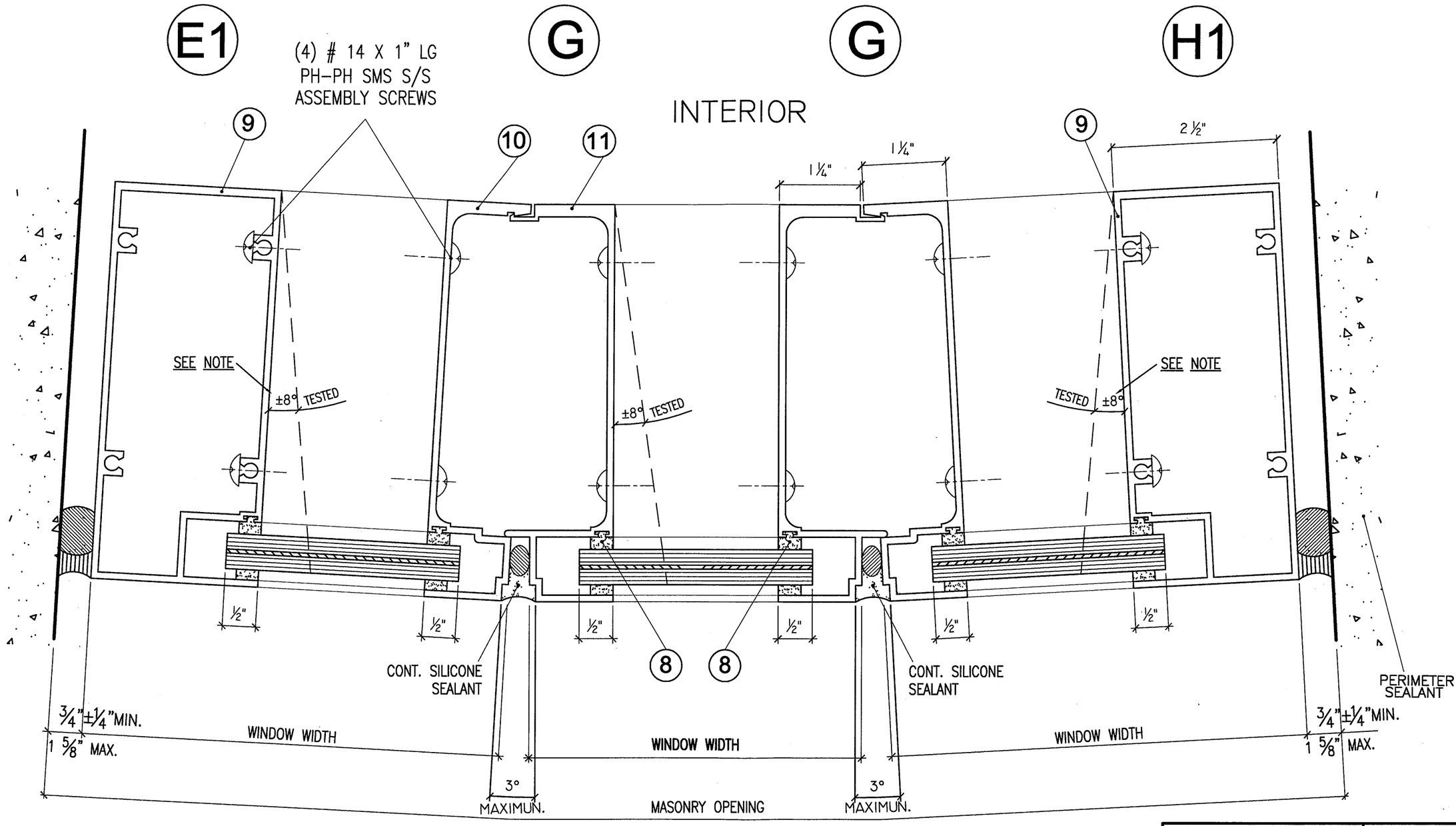
Series 3000
FIXED WINDOW
SMALL MISSILE

| REVISION | | | |
|---|---|---|---|
| No | Date | By | Description |
| 1 | 01-04-2011 | R. P. | RENEWAL |
| 2 | 11-14-2012 | M.E.P | PRODUCT CONTROL |

| | |
|---|---|
| Date | 11-23-05 |
| Scale | |
| Design by | G. S. |
| Drawing by | RICHARD |
| Checked by | G. S. |
| Drawing No. | FXD-3000-SM |
| Sheet 5 of 10 | |

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## EXTERIOR

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|---|---|---|
| POSITIVE | NEGATIVE | |
| 110 | 110 | NO |
| 100 | 100 | NO |

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APPROVED

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SECTIONS

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DATE 11/13/12
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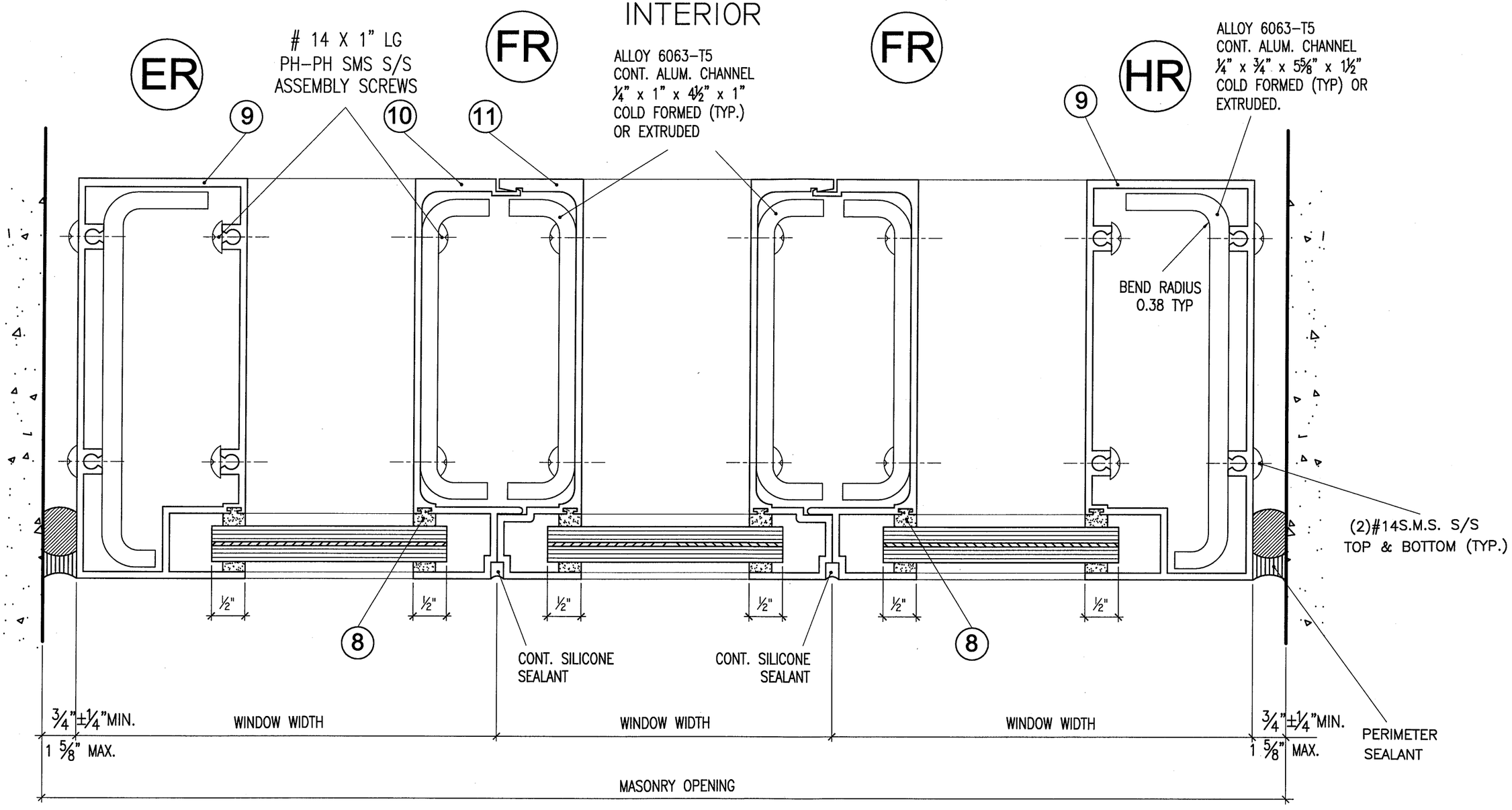
Series 3000
FIXED WINDOW
SMALL MISSILE

| REVISION | | | |
|---|---|---|---|
| No | Date | By | Description |
| 1 | 01-04-2011 | E. P. | RENEWAL |
| 2 | 11-14-2012 | M.E.P | PRODUCT CONTROL |

| | |
|---|---|
| Date | 11–23–05 |
| Scale | |
| Design by | G. S. |
| Drawing by | RICHARD |
| Checked by | G. S. |
| Drawing No. | FXD–3000–SM |
| Sheet 6 of 10 | |

# INTERIOR




# EXTERIOR

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   ½" FOR WIDTHS UP TO 1" AND
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| DESIGN LOAD CAPACITY (P.S.F.) | | MULLION REINFORCING CHANNELS |
|---|---|---|
| POSITIVE | NEGATIVE | |
| 140 | 140 | YES |

NOTE:
THE HEAD , SILL & INTERMEDIATE MEMBERS MITER UP TO 8°

| APPROVED | SECTIONS |
|---|---|
| PRODUCT REVISED<br>as complying with the Florida<br>Building Code<br>Acceptance No 12-1120.08<br>Expiration Date March 30, 2016<br>By Miami-Dade Product Control | KELVYN WHITFIELD.P.E<br>1002 NE 116 ST<br>MIAMI, FL 33161<br>DATE 11/13/12<br>FLORIDA No–24140<br>MECHANICAL |


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Series 3000
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SMALL MISSILE

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| | |
|---|---|
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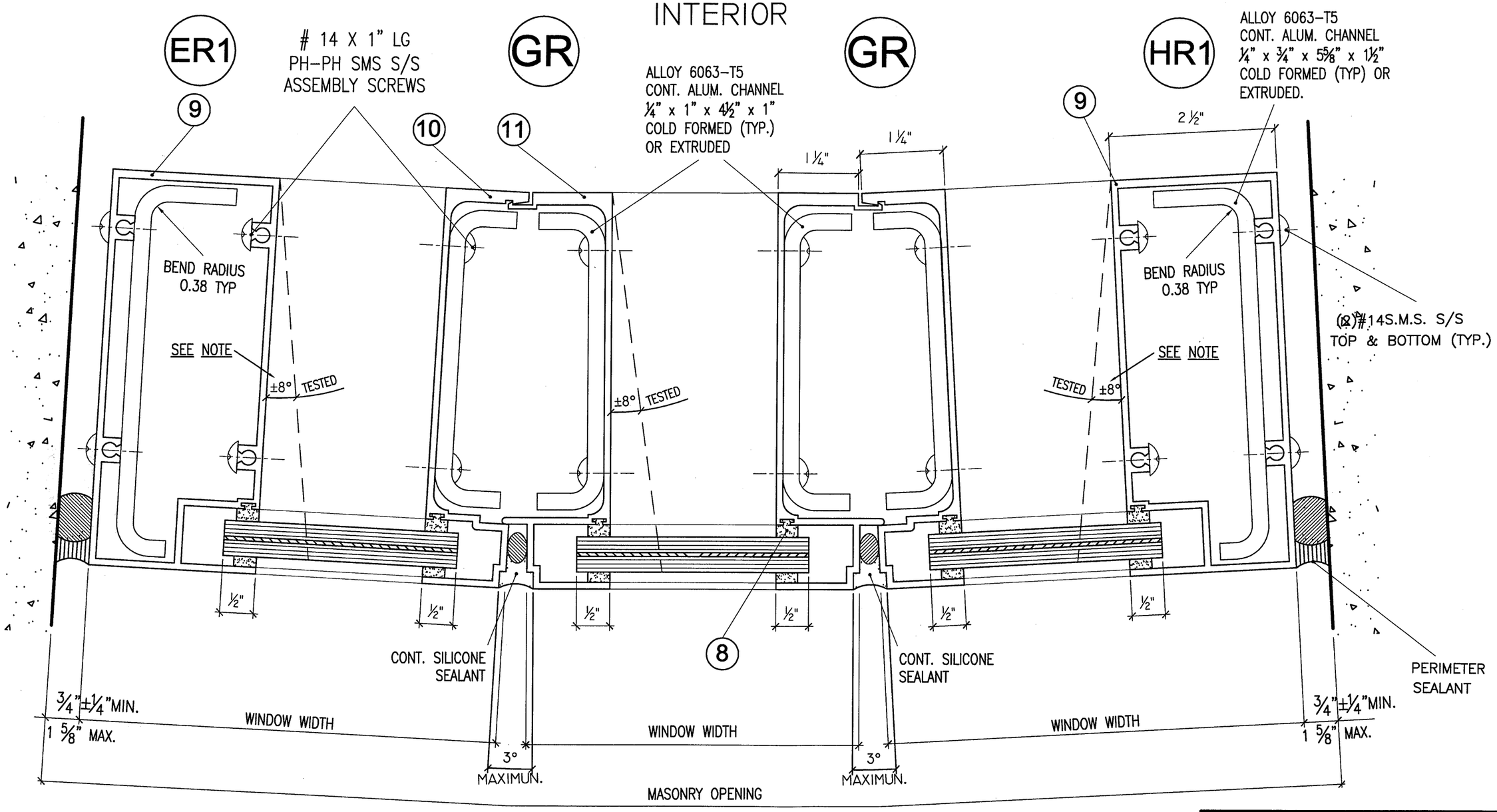
| Scale | |
| Design by | G. S. |
| Drawing by | RICHARD |
| Checked by | G. S. |
| Drawing No. | FXD–3000–SM |
| Sheet 7 of 10 | |

# INTERIOR




# EXTERIOR

| DESIGN LOAD CAPACITY (P.S.F.) | | MULLION REINFORCING CHANNELS |
|---|---|---|
| POSITIVE | NEGATIVE | |
| 140 | 140 | YES |

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   ½" FOR WIDTHS UP TO 1" AND
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Series 3000
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| REVISION | | | |
|---|---|---|---|
| No | Date | By | Description |
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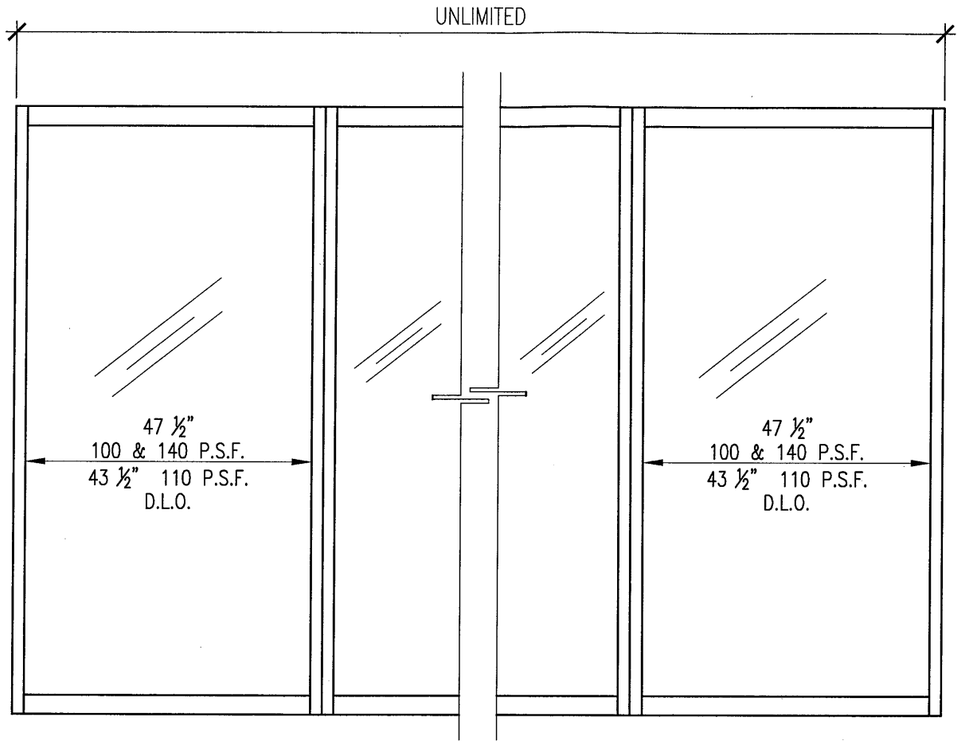
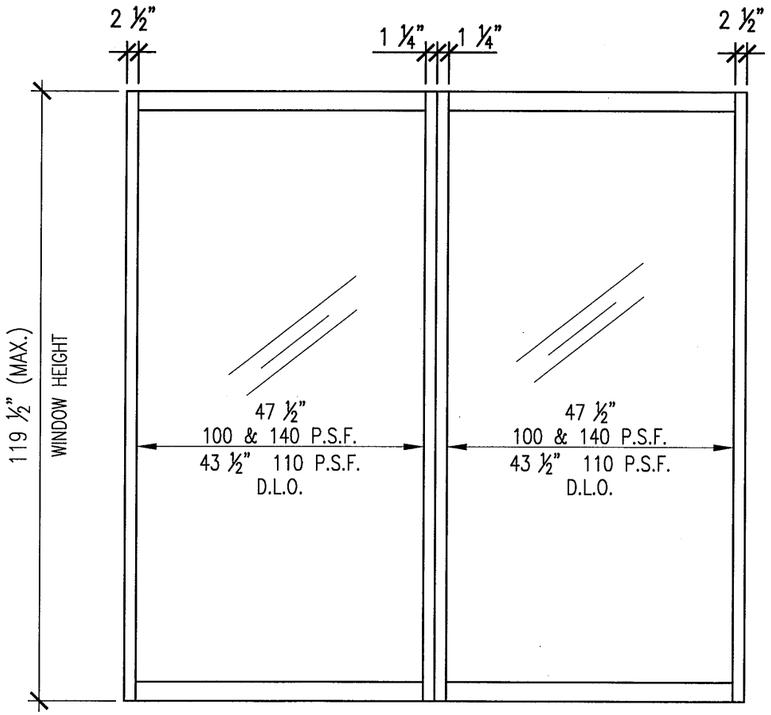
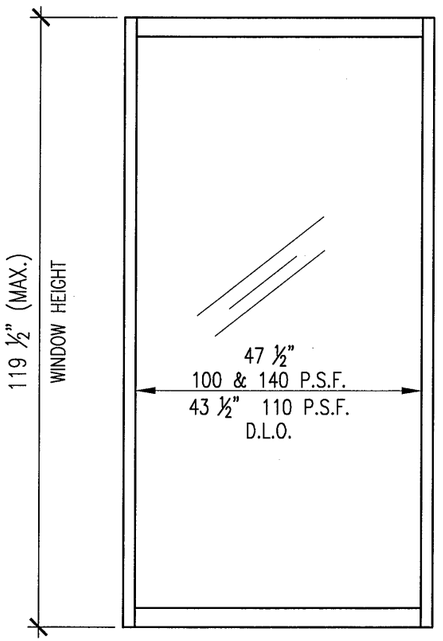
| | |
|---|---|
| Date | 11-23-05 |
| Scale | |
| Design by | G. S. |
| Drawing by | RICHARD |
| Checked by | G. S. |
| Drawing No. | FXD-3000-SM |
| Sheet 8 of 10 | |

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Series 3000
FIXED WINDOW
SMALL MISSILE

REVISION

| No | Date | By | Description |
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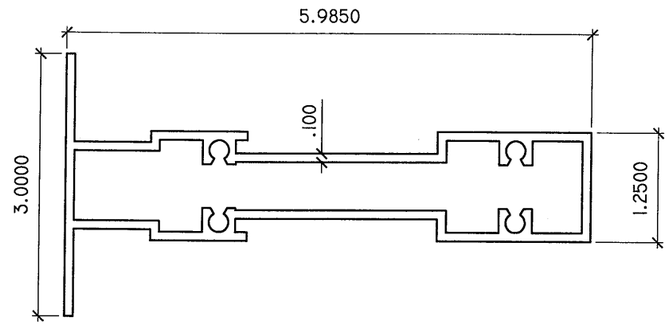
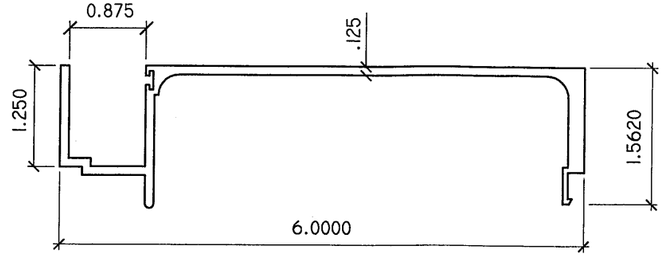
| 1 | 01-04-2011 | R. P. | RENEWAL |
| 2 | 11-14-2012 | M.E.P | PRODUCT CONTROL |

| | |
|---|---|
| Date | 11-23-05 |
| Scale | |
| Design by | G. S. |
| Drawing by | RICHARD |
| Checked by | G. S. |
| Drawing No. | FXD-3000-SM |
| Sheet 9 | of 10 |

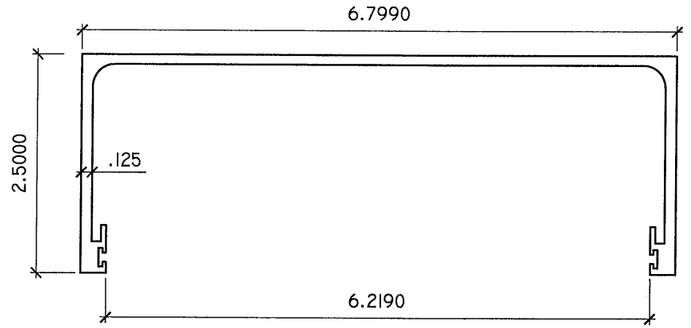
| APPROVED | ELEVATIONS |
|---|---|
| PRODUCT REVISED<br>as complying with the Florida<br>Building Code<br>Acceptance No 12-1120.08<br>Expiration Date March 30,2016<br>By Manuel Perez<br>Miami Dade Product Control | KELVYN WHITFIELD.P.E<br>1002 NE 116 ST<br>MIAMI, FL 33161<br>DATE 11/13/12<br>FLORIDA No-24140<br>MECHANICAL |



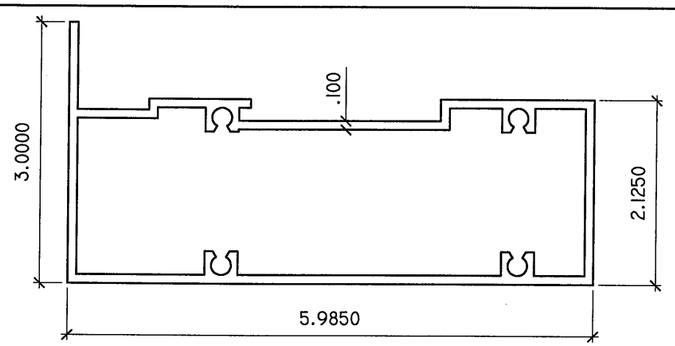

7 INTERMEDIATE



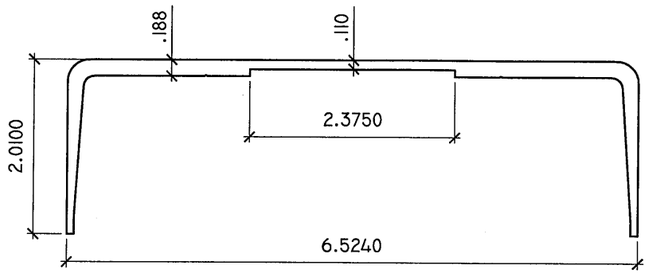

10 MALE



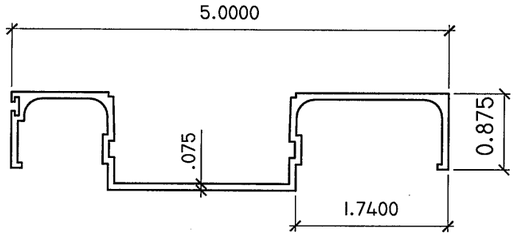

1 RECEPTOR



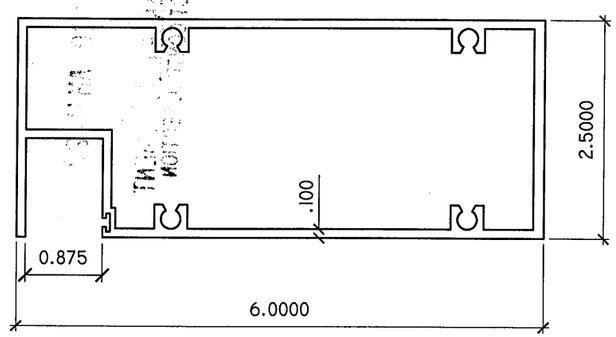

4 HEAD AND SILL



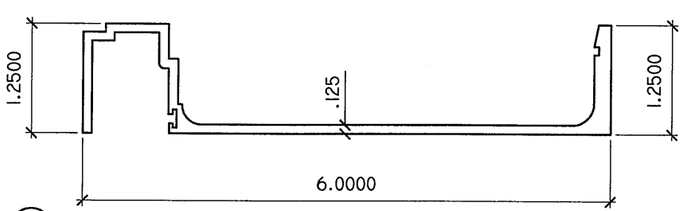

2 REINFORCING




5 BEAD



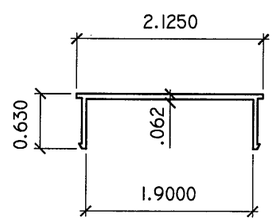

9 JAMB




11 FEMALE

FIXED WINDOW

| ITEM NUMBER | PART NUMBER | PART NAME | ALLOY & TEMPERED |
|---|---|---|---|
| 1 | 2000 – 07 | RECEPTOR | 6005–T5 |
| 2 | 2000 – 16 | REINFORCING | 6005–T5 |
| 3 | FP–448–V | VINYL BULB | |
| 4 | 3000 – 01 | HEAD AND SILL | 6005–T5 |
| 5 | 3000 – 03 | BEAD | 6005–T5 |
| 6 | 3000 – 07 | COVER | 6005–T5 |
| 7 | 3000 – 02 | INTERMEDIATE | 6005–T5 |
| 8 | CGS – 01 | GLASS SPACING | |
| 9 | 3000 – 04 | JAMB | 6005–T5 |
| 10 | 3000 – 05 | MALE | 6005–T5 |
| 11 | 3000 – 06 | FEMALE | 6005–T5 |
| | | | |




6 COVER
NO USED ON THE TEST

Continental Glass Systems Inc
325 West 74 Place
Hialeah Florida, 33014
Phone 305-231-1101 Fax 305-231-1103

Series 3000
FIXED WINDOW
SMALL MISSILE

REVISION

| No | Date | By | Description |
|---|---|---|---|
| 1 | 01-04-2011 | R. P. | RENEWAL |
| 2 | 11-14-2012 | M.R.P | PRODUCT CONTROL |

| | |
|---|---|
| Date | 11-23-05 |
| Scale | |
| Design by | G. S. |
| Drawing by | RICHARD |
| Checked by | G. S. |
| Drawing No. | FXD-3000-SM |
| Sheet 10 | of 10 |

APPROVED

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-1120.08
Expiration Date March 30, 2016
By Manuel Perez
Miami Dade Product Control

EXTRUSIONS AND PARTS

KELVYN WHITFIELD.P.E
1002 NE 116 ST
MIAMI, FL 33161
DATE 11/13/12
FLORIDA No-24140
MECHANICAL