



BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION

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

**NOTICE OF ACCEPTANCE (NOA)**

[www.buildingcodeonline.com](http://www.buildingcodeonline.com)

**Continental Glass System, Inc.**  
325 West 74<sup>th</sup> 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 by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) 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 Division (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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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 5000 Aluminum Fixed Window-SMI**

**APPROVAL DOCUMENT:** Drawing No. **FXD-5000-SM**, titled "Series 5000 Fixed Small Missile", sheets 1 to 8 of 8, dated 04/18/08, with revision 1 dated 11-19-08, prepared by the manufacturer, signed and sealed by Kelvyn Whitfield, 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.

**MISSILE IMPACT RATING: Small Missile Impact Resistant**

**LABELING:** 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", 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 # 06-0706.01** and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Fitz A. Harris, P.E.**

*Fitz A. Harris*

5/7/09



NOA No 08-0926.13  
Expiration Date: October 26, 2011  
Approval Date: May 27, 2009  
Page 1

Continental Glass System, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

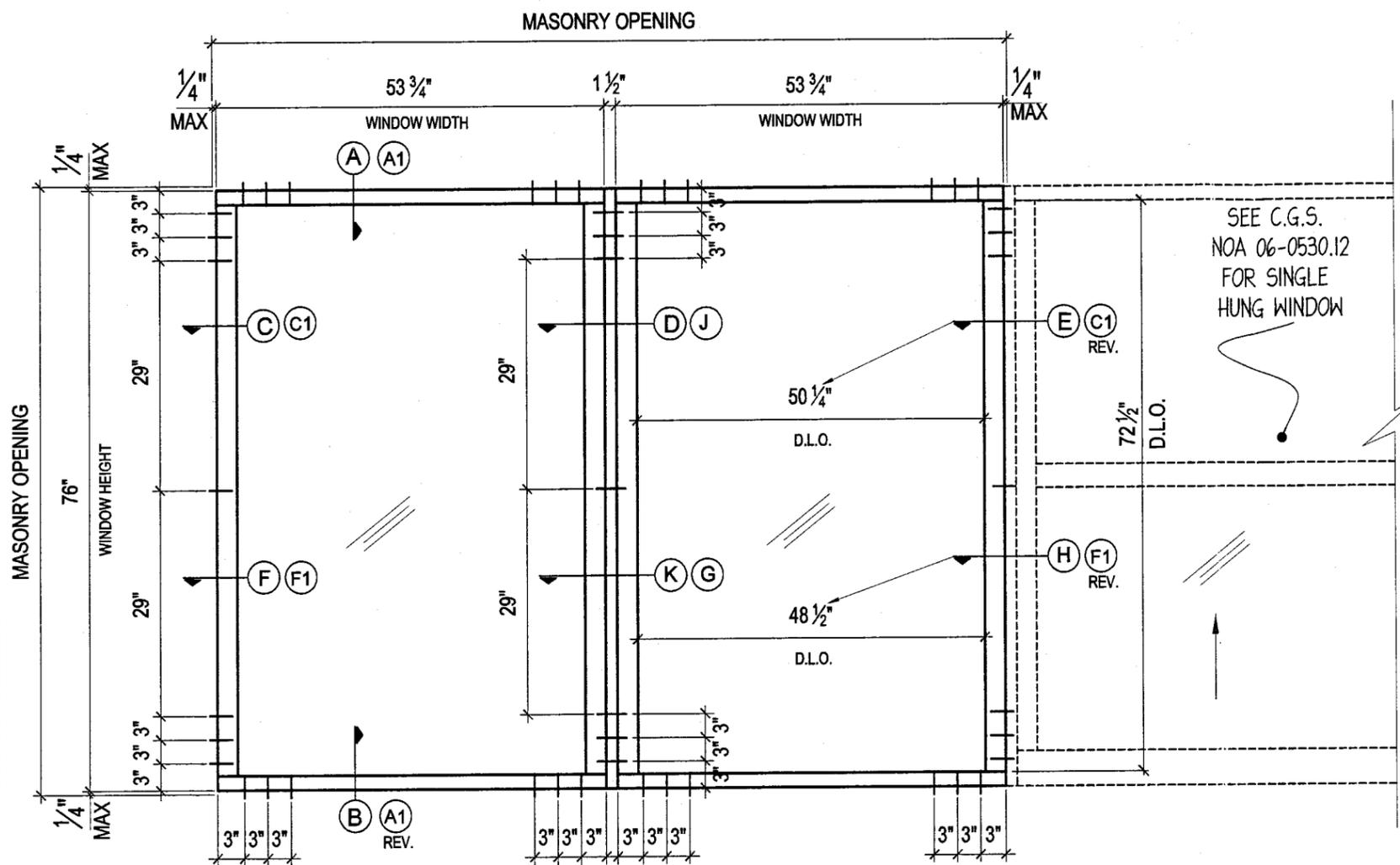
- A. DRAWINGS**
1. Manufacturer's die drawings and sections.
  2. Drawing No. **FXD-5000-SM**, titled "Series 5000 Fixed Small Missile", sheets 1 to 8 of 8, dated 04/18/08, with revision 1 dated 11-19-08, prepared by manufacturer, signed and sealed by Kelvyn Whitfield, P.E.
- B. TESTS**
1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with installation diagram of an aluminum fixed window mulled together, prepared by Fenestration Testing Laboratory, Inc. Test Report No. FTL-4873, dated 03-14/06, signed and sealed by Edmundo Largaespada, P.E.  
(Submitted under NOA # 06-0706.01)
- C. CALCULATIONS**
1. Calculation sheet 8 dated 09-18-08, prepared, signed and sealed by Kelvyn Whitfield, P.E.
  2. Anchor Calculations, and structural analysis, dated 09/22/06, prepared, signed and sealed by Kelvyn Whitfield, P.E.  
Complies with ASTM E 1300-98  
(Submitted under NOA #06-0706.01)
- D. QUALITY ASSURANCE**
1. Miami Dade Building Code Compliance Office (BCCO).
- E. MATERIAL CERTIFICATIONS**
1. Notice of Acceptance No. 06-0216.06, issued to Solutia Inc., for their "Saflex III G Clear or Colored Interlayer", approved on 05/04/06 and expiring on 05/21/11.
- F. STATEMENTS**
1. Letter of Conformance with 2007 FBC dated 9-18-08 signed and sealed by Kelvin Whitfield, P.E.
  2. Statement letter of conformance and statement letter of no financial interest dated March 14, 2006, signed and sealed by Kelvyn Whitfield, P.E.
- G. OTHER**
- None



Fitz A. Harris, P.E.  
Product Control Examiner  
NOA No 08-0926.13

Expiration Date: October 26, 2011  
Approval Date: May 27, 2009

**SERIES 5000 FIXED WINDOW  
SMALL MISSILE IMPACT**



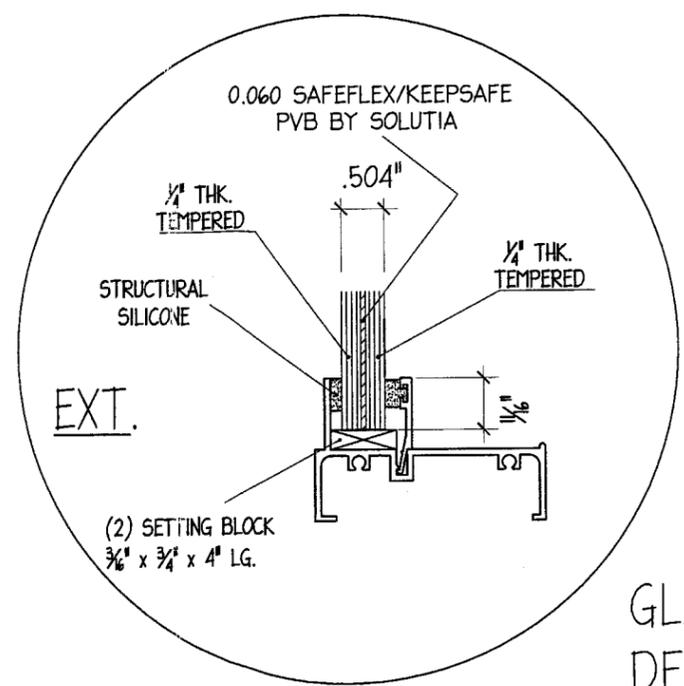
**NOTES:**

1. THIS FIXED WINDOW SYSTEM IS DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2007 (FBC) FLORIDA BUILDING CODE CHAPTER 16 AND 24, UNDER THE SPECIFIC CONDITION SHOWN ON THIS DRAWING. INCLUDING THE HIGH VELOCITY HURRICANE ZONE. REF. FTL No. 05110 (LAB. No. 4873)
2. ALL EXTRUSIONS ARE ALUMINUM, 6105-T5 WITH A MINIMUM Fy OF 35.000 P.S.I. U.O.N.
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 ANCHORS ARE 5/16" TAP-CON 1 3/4" MIN. EMBEDMENT INTO FILLED CONCRETE BLOCK OR BETTER.
5. SHIMS. USE HARD PLASTIC.
6. A 33% INCREASE IN ALLOWABLE STRESS WAS NOT USED IN THE DESIGN OF ANCHORS
7. APPROVED STRUCTURAL SILICONE:

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

**FIXED WINDOW ELEVATION  
EXTERIOR VIEW**

Design Load Capacity (P. S. F.)	
Positive	Negative
110	110



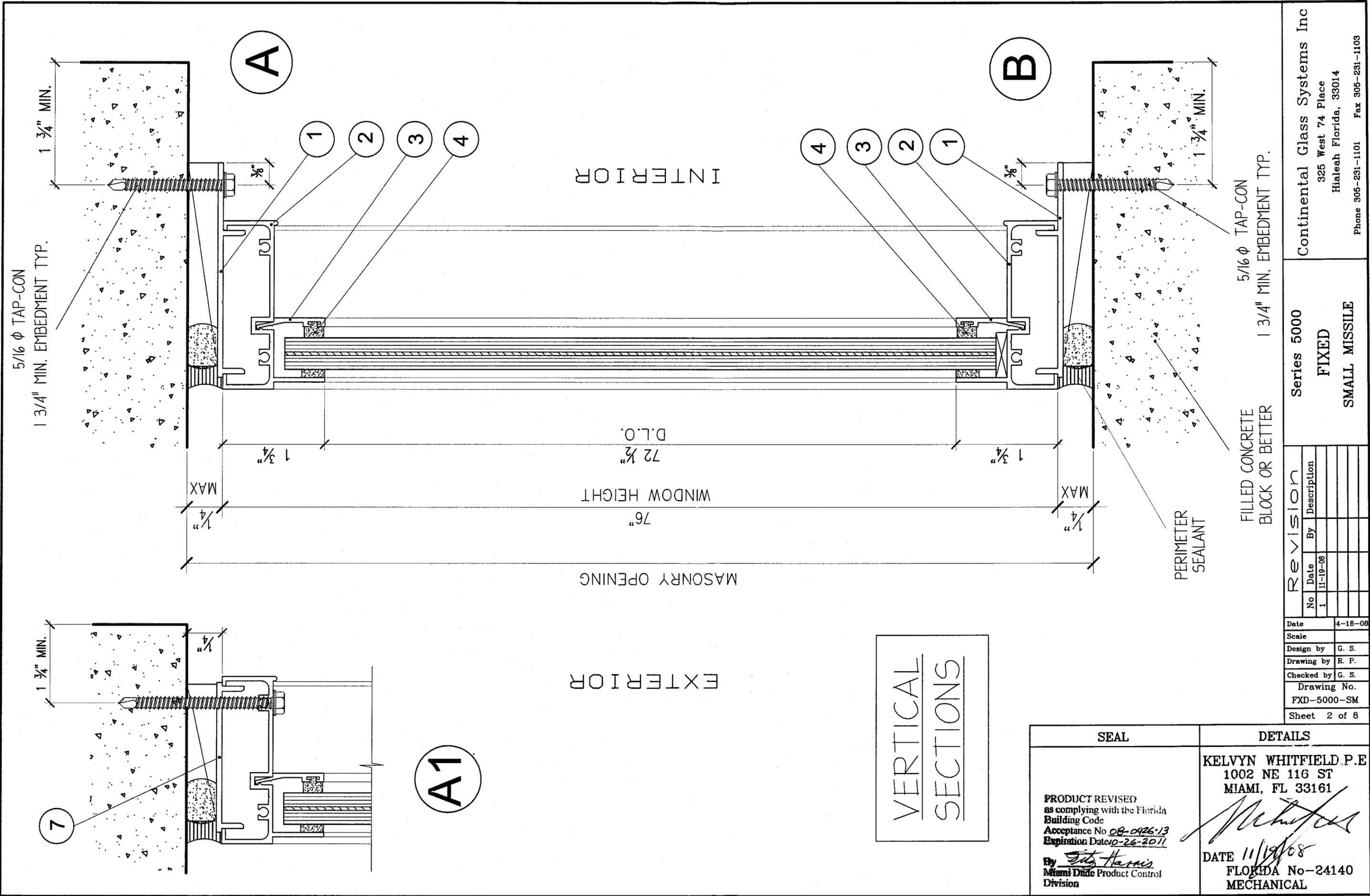
**GLAZING  
DETAIL**

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

Series 5000  
**FIXED**  
**SMALL MISSILE**

No	Date	By	Description
1	11-19-08		
Date			4-18-08
Scale			N.T.S.
Design by			G. S.
Drawing by			RICHARD
Checked by			G. S.
Drawing No.			FXD-5000-S.M.
Sheet			1 of 8

SEAL	ELEVATION
<p>PRODUCT REVISED as complying with the Florida Building Code Acceptance No 08-0926-13 Expiration Date 10-26-2011</p> <p>By <i>Eric Harris</i> Miami Field Product Control Division</p>	<p>KELVYN WHITFIELD.P.E 1002 NE 116 ST MIAMI, FL 33161</p> <p>DATE 11/19/08 FLORIDA No-24140 MECHANICAL</p>



VERTICAL SECTIONS

REVISION	
No	Date
1	11-19-08

Date	4-18-08
Scale	
Design by	G. S.
Drawing by	R. P.
Checked by	G. S.
Drawing No.	FXD-5000-SM
Sheet	2 of 8

SEAL	DETAILS
PRODUCT REVISED as complying with the Florida Building Code Acceptance No <u>08-0926-13</u> Expiration Date <u>10-26-2011</u> By <i>Sgt Harris</i> Miami Dade Product Control Division	KELVYN WHITFIELD P.E. 1002 NE 116 ST MIAMI, FL 33161  DATE <u>11/19/08</u> FLORIDA No-24140 MECHANICAL

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

Series 5000  
 FIXED  
 SMALL MISSILE

FILLED CONCRETE  
 BLOCK OR BETTER  
 5/16 φ TAP-CON  
 1 3/4" MIN. EMBEDMENT TYP.

PERIMETER  
 SEALANT

INTERIOR

EXTERIOR

MASONRY OPENING  
 WINDOW HEIGHT  
 D.L.O.

A

B

A1

7

1  
2  
3  
4

4  
3  
2  
1

1 3/4" MIN.

1 3/4" MIN.

3/8"

3/8"

1 3/4"

1 3/4"

1/4" MAX

1/4" MAX

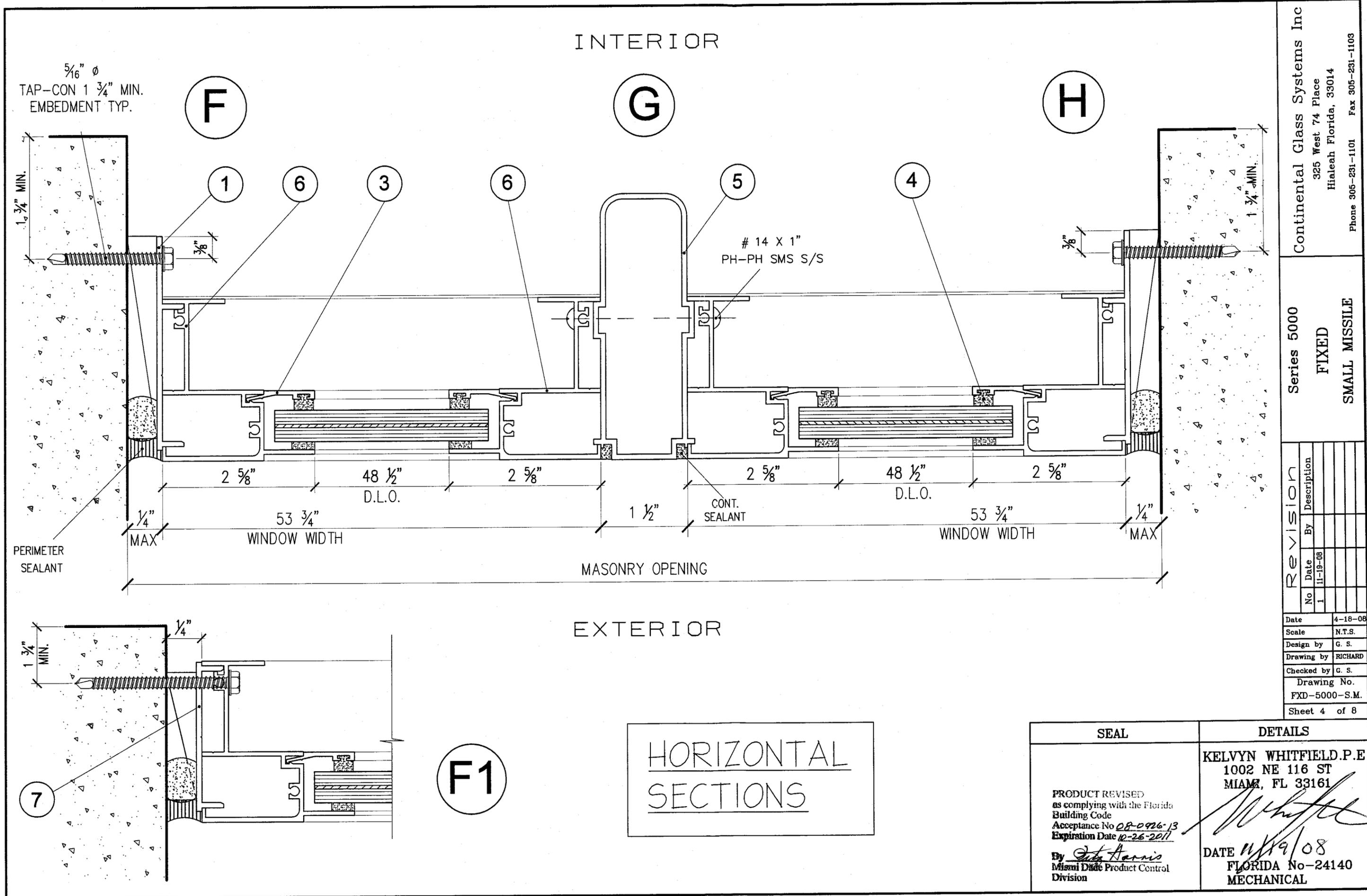
72 1/2"

76"

5/16 φ TAP-CON  
 1 3/4" MIN. EMBEDMENT TYP.

5/16 φ TAP-CON  
 1 3/4" MIN. EMBEDMENT TYP.





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 Phone 305-231-1101 Fax 305-231-1103

Series 5000  
 FIXED  
 SMALL MISSILE

REVISION	
No	Date
1	11-19-08

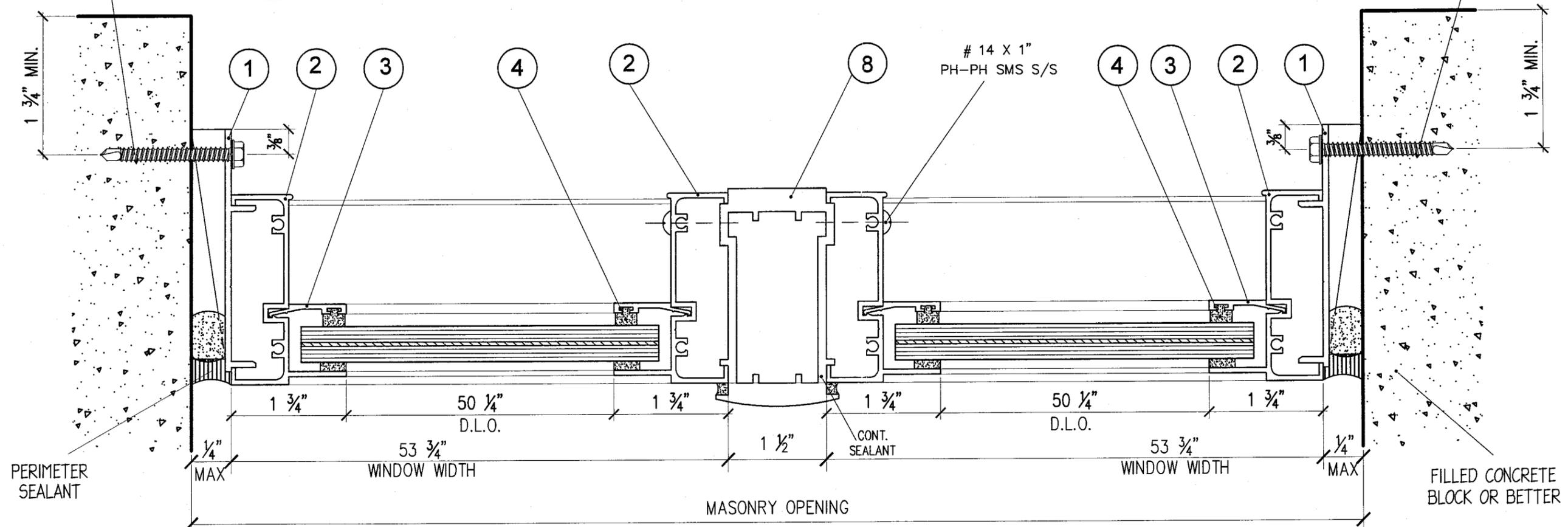
Date	4-18-08
Scale	N.T.S.
Design by	G. S.
Drawing by	RICHARD
Checked by	G. S.
Drawing No.	FXD-5000-S.M.
Sheet	4 of 8

SEAL	DETAILS
PRODUCT REVISED as complying with the Florida Building Code Acceptance No 08-0926-13 Expiration Date 10-26-2011 By <i>John Harris</i> Miami Date Product Control Division	KELVYN WHITFIELD.P.E 1002 NE 116 ST MIAMI, FL 33161  DATE 11/19/08 FLORIDA No-24140 MECHANICAL

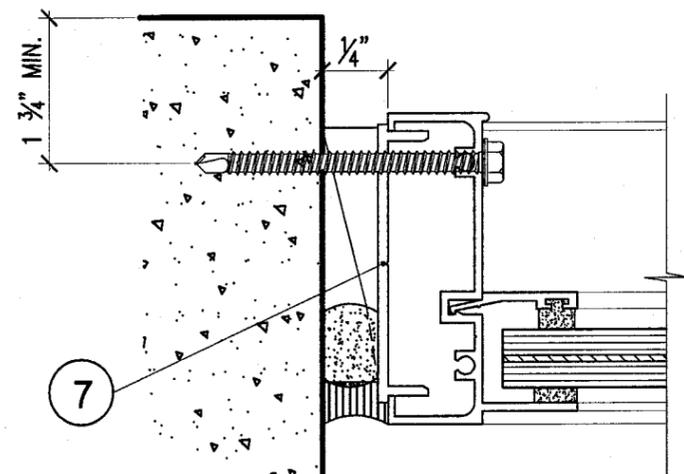
INTERIOR

5/16" TAP-CON  
1 3/4" MIN. EMBEDMENT TYP.

1 3/4" MIN. EMBEDMENT TYP.  
5/16" Φ TAP-CON



EXTERIOR



C1

HORIZONTAL SECTIONS

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

Series 5000  
FIXED  
SMALL MISSILE

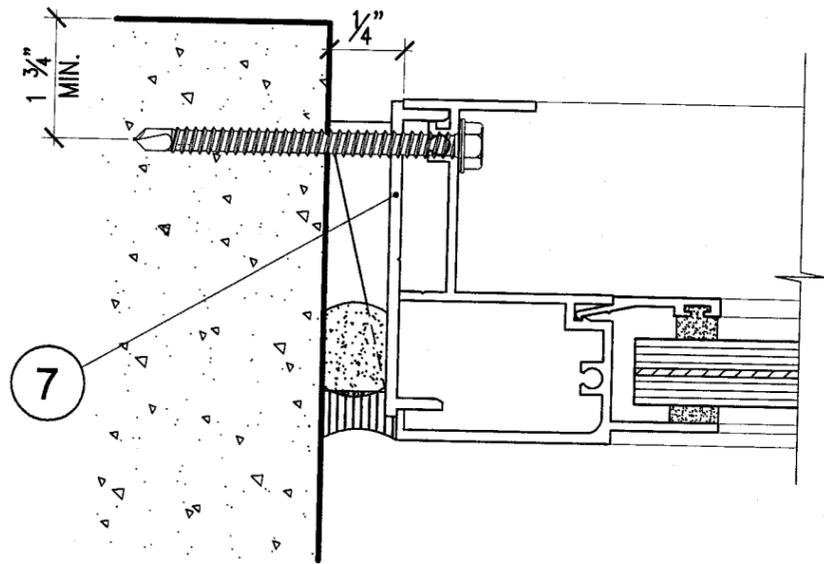
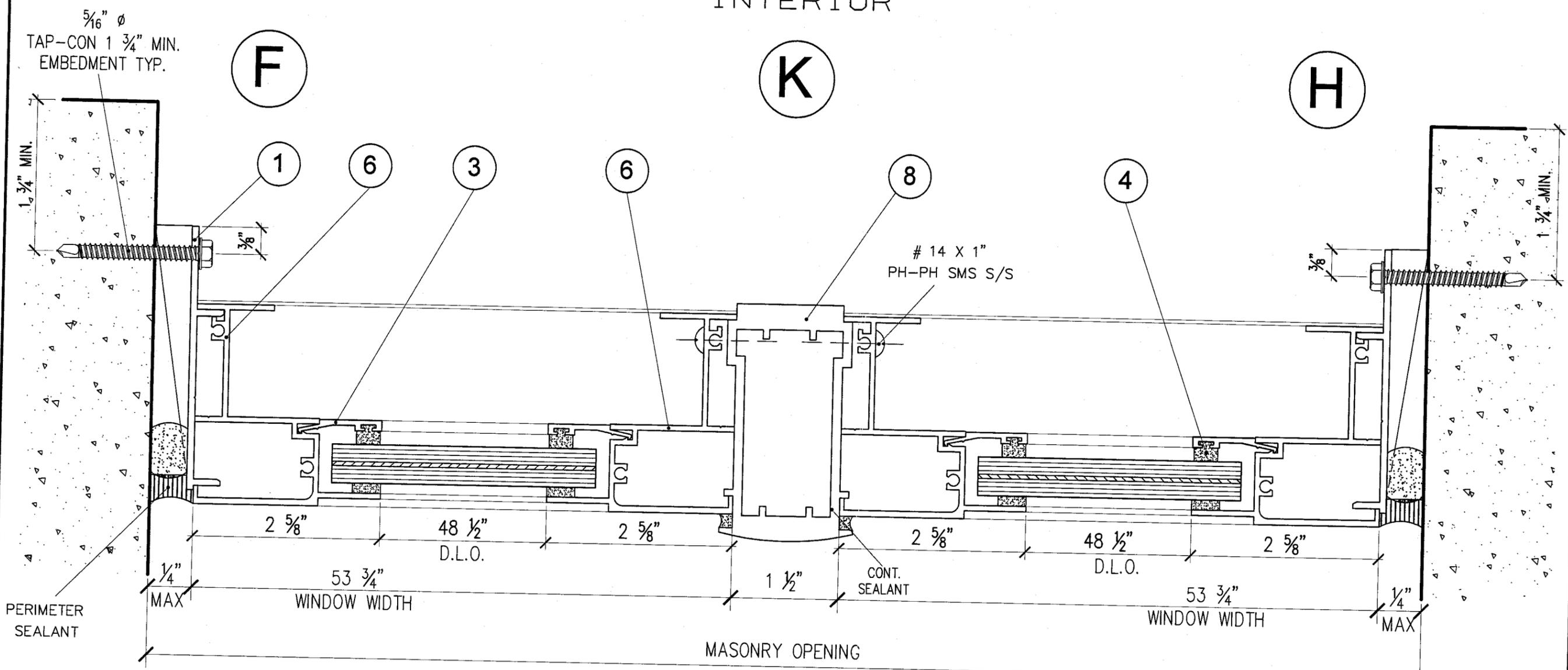
REVISION	
No	Description
1	

Date	4-18-08
Scale	N.T.S.
Design by	G. S.
Drawing by	R. P.
Checked by	G. S.
Drawing No.	FXD-5000-S.M.
Sheet	5 of 8

SEAL	DETAILS
PRODUCT REVISED as complying with the Florida Building Code Acceptance No. <u>08-0926-13</u> Expiration Date <u>10-26-2011</u> By <u>Gita Harris</u> Miami Code Product Control Division	KELVYN WHITFIELD, P.E. 1002 NE 118 ST MIAMI, FL 33161  DATE <u>11/19/08</u> FLORIDA No-24140 MECHANICAL

INTERIOR

EXTERIOR



HORIZONTAL SECTIONS

F

K

H

F1

Continental Glass Systems Inc  
325 West 74 Place  
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Series 5000  
FIXED  
SMALL MISSILE

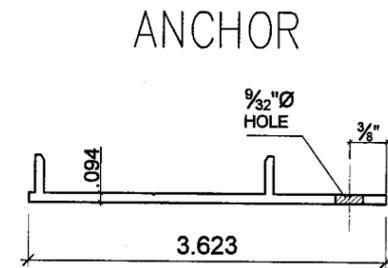
REVISION		Date	Description
No	1	11-19-08	
Date		4-18-08	
Scale		N.T.S.	
Design by		G. S.	
Drawing by		RICHARD	
Checked by		G. S.	
Drawing No.		FXD-5000-S.M.	
Sheet 6		of 8	

SEAL	DETAILS
<p>PRODUCT REVISED as complying with the Florida Building Code Acceptance No 08-0926-13 Expiration Date 10-26-2011</p> <p>By <i>John Harris</i> Miami Date Product Control Division</p>	<p>KELVYN WHITFIELD P.E. 1002 NE 116 ST MIAMI, FL 33161</p> <p><i>[Signature]</i></p> <p>DATE 11/19/08 FLORIDA No-24140 MECHANICAL</p>

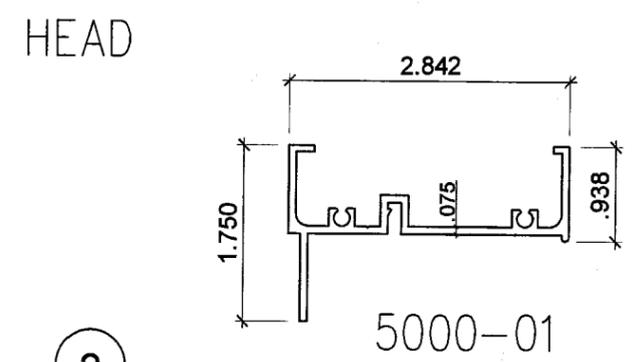


FIXED

ITEM #	PART #	PART NAME	REMARKS
1	5000-09	CLIP	
2	5000-01	HEAD, SILL OR JAMB	FRAME
3	5000-08	GLAZING BEAD	
4	CGS-01	GLASS SPACING	PROTOTYPE PLASTIC EXTRUSION
5	5000-10	MULLION	
6	5000-03	JAMB	FRAME
7	5000-09	CLIP	
8	5000-14	SMALL MULLION	

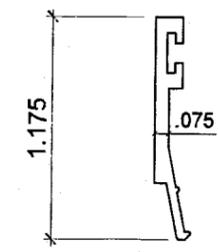


① ANCHOR  
5000-09

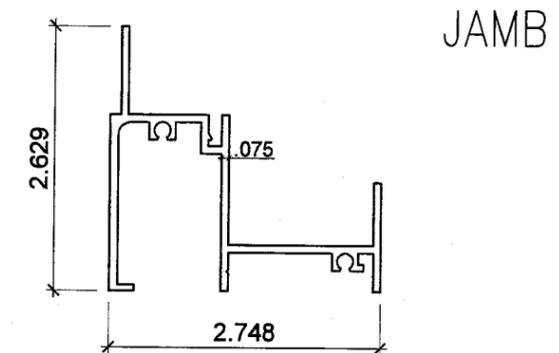


② HEAD  
5000-01

GLAZING BEAD

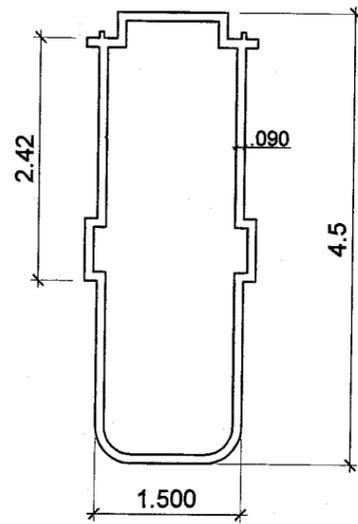


③ GLAZING BEAD  
5000-08



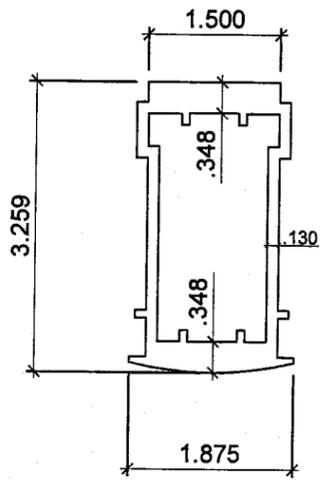
⑥ JAMB  
5000-03

MULLION



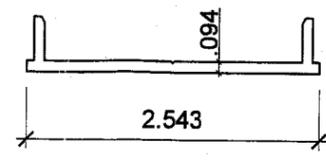
⑤ MULLION  
5000-10

SMALL MULLION



⑧ SMALL MULLION  
5000-14

ANCHOR



⑦ ANCHOR  
5000-09

Continental Glass Systems Inc  
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Phone 305-231-1101 Fax 305-231-1103

Series 5000  
FIXED  
SMALL MISSILE

REVISION		Date	Description
No	By		
1		11-19-08	

Date	4-18-08
Scale	N.T.S.
Design by	G. S.
Drawing by	RICHARD
Checked by	G. S.
Drawing No.	FXD-5000-S.M.
Sheet	8 of 8

SEAL	EXTRUSIONS & PARTS
<p>PRODUCT REVISED as complying with the Florida Building Code Acceptance No 08-0926-13 Expiration Date 10-26-2011</p> <p>By <i>Dick Harris</i> Miami Dade Product Control Division</p>	<p>KELVYN WHITFIELD.P.E 1002 NE 116 ST MIAMI, FL 33161</p> <p><i>[Signature]</i> DATE 11/19/08 FLORIDA No-24140 MECHANICAL</p>