



**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) 372-6339**

NOTICE OF ACCEPTANCE (NOA)

www.maimidade.gov/buildingcode

**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 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 Single Hung Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **S.H.-5000-L.M.**, titled "Series 5000 Single Hung Large Missile", sheets 1 through 9 of 9, dated 4/18/08 with revision #2 dated 9/26/08, prepared by manufacturer, signed and sealed by Kelvyn 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 Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state 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 # 06-0530.11** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

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



**NOA No. 08-1003.02
Expiration Date: October 19, 2011
Approval Date: December 25, 2008
Page 1**

Continental Glass Systems, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **S.H.-5000-L.M.**, Sheets 1 through 9 of 9, titled "Series 5000 Single Hung Large Missile", dated 4/18/08 with revision #2 dated 9/26/08, prepared by manufacturer, signed and sealed by Kelvyn Whitfield, P.E.

B. TESTS

1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of series 5000 single hung windows mulled together, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL 5684** dated 07/24/08, signed and sealed by Carlos S. Rionda, P. E.
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of series 5000 single hung windows (O/X/O) mulled together, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL 4863** dated 04/05/06, signed and sealed by Edmundo Largaespada, P. E. *(Submitted under NOA# 06-0530.11)*
3. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of series 5000 single hung windows (O/X) mulled together, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL 4862** dated 04/05/06, signed and sealed by Edmundo Largaespada, P. E. *(Submitted under NOA# 06-0530.11)*


Manuel Perez, P.E.
Product Control Examiner
NOA No. 08-1003.02
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Continental Glass Systems, Inc.

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C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004 and 2007, dated 9/30/08, prepared, signed and sealed by Kelvyn Whitfield, P.E.
Complies with ASTM E1300-02/03

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

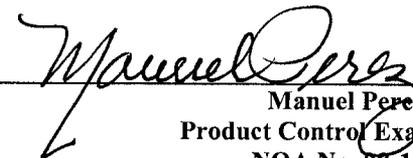
1. Notice of Acceptance No. **07-1116.04** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont SentryGlas® Plus**" dated 01/03/08, expiring on 01/14/12.

F. STATEMENTS

1. Statement letter of conformance, dated September 30, 2008, signed and sealed by Kelvyn Whitfield, P.E.
2. Statement letter of no financial interest, dated September 30, 2008, signed and sealed by Kelvyn Whitfield, P.E.
3. Laboratory compliance letter for Test Report No. **FTL-4862**, issued by Fenestration Testing Laboratory, Inc., dated April 11, 2006, signed and sealed by Edmundo Largaespada, P.E.

G. OTHER

1. Notice of Acceptance No. **06-0530.11**, issued to Continental Glass Systems, Inc. for their Series 5000 Aluminum Single Hung Windows w/wo reinforcement, approved on 10/19/06 and expiring on 10/19/11.

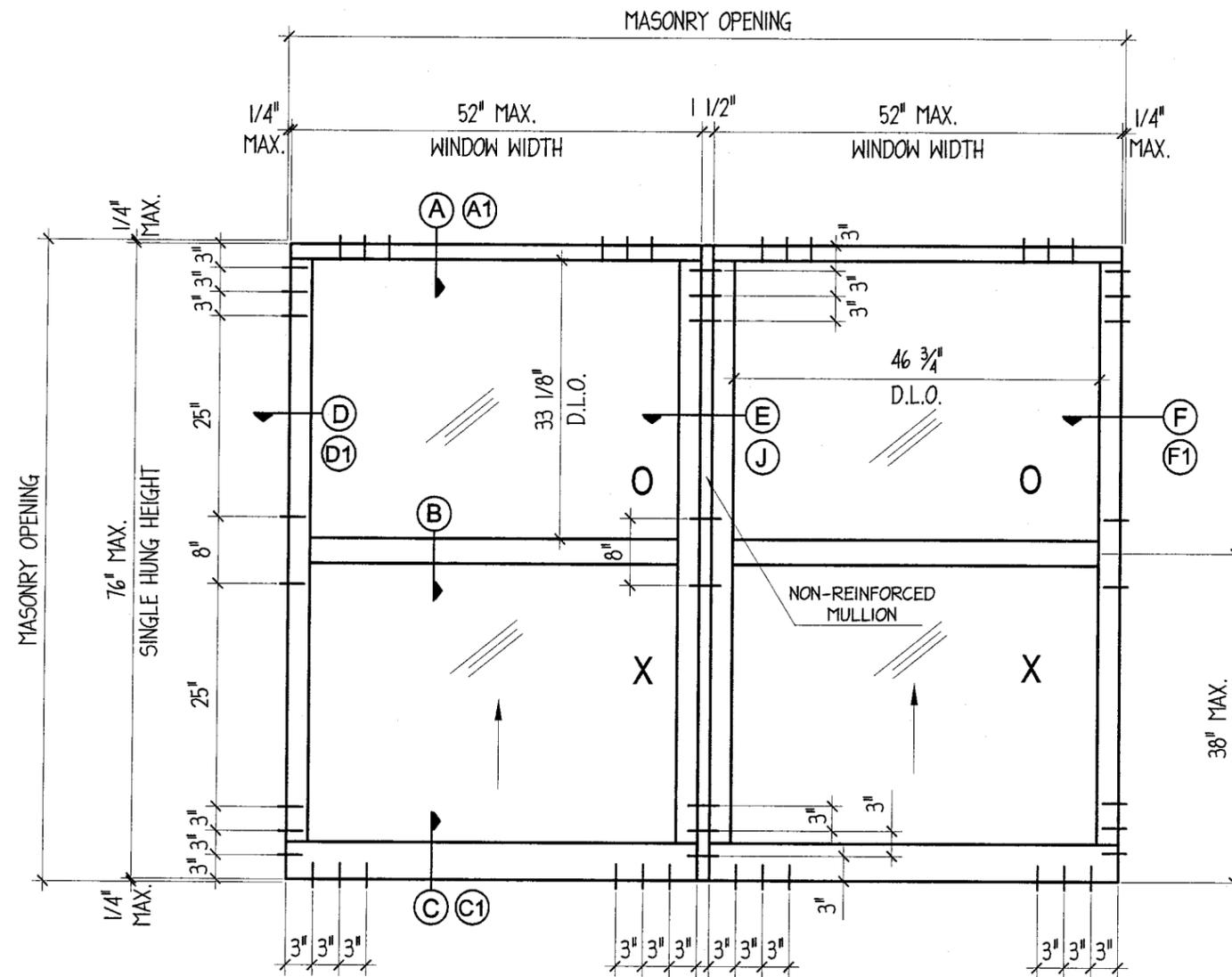


Manuel Perez, P.E.
Product Control Examiner
NOA No. 08-1003.02

Expiration Date: October 19, 2011
Approval Date: December 25, 2008

SERIES 5000 SINGLE HUNG WINDOW

LARGE MISSILE IMPACT



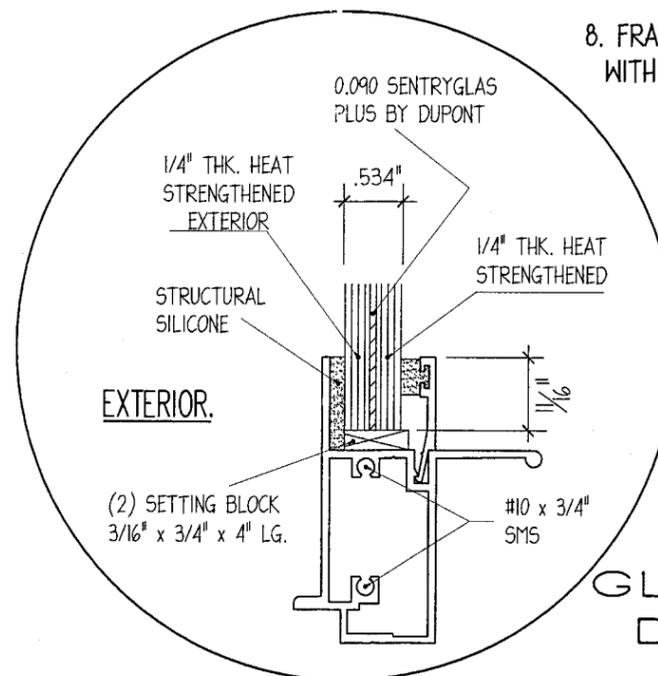
NOTES:

1. THIS SINGLE HUNG 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. 05106 (LAB. No. 4862) & FTL No. 05111 (LAB. No. 4863) & LAB. No. 5684
2. ALL EXTRUSIONS ARE ALUMINUM, 6105-T5 WITH A MINIMUM Fy OF 35,000 P.S.I. U.O.N.
3. LARGE MISSILE IMPACT RESISTANT, NO HURRICANE PROTECTION SYSTEMS (SHUTTERS) ARE REQUIRED.
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

8. FRAME CORNERS, VENT CORNERS & VERTICAL MULLION TO BE SEALED WITH SILICONE

SINGLE-HUNG WINDOW ELEVATION EXTERIOR VIEW

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



GLAZING DETAIL

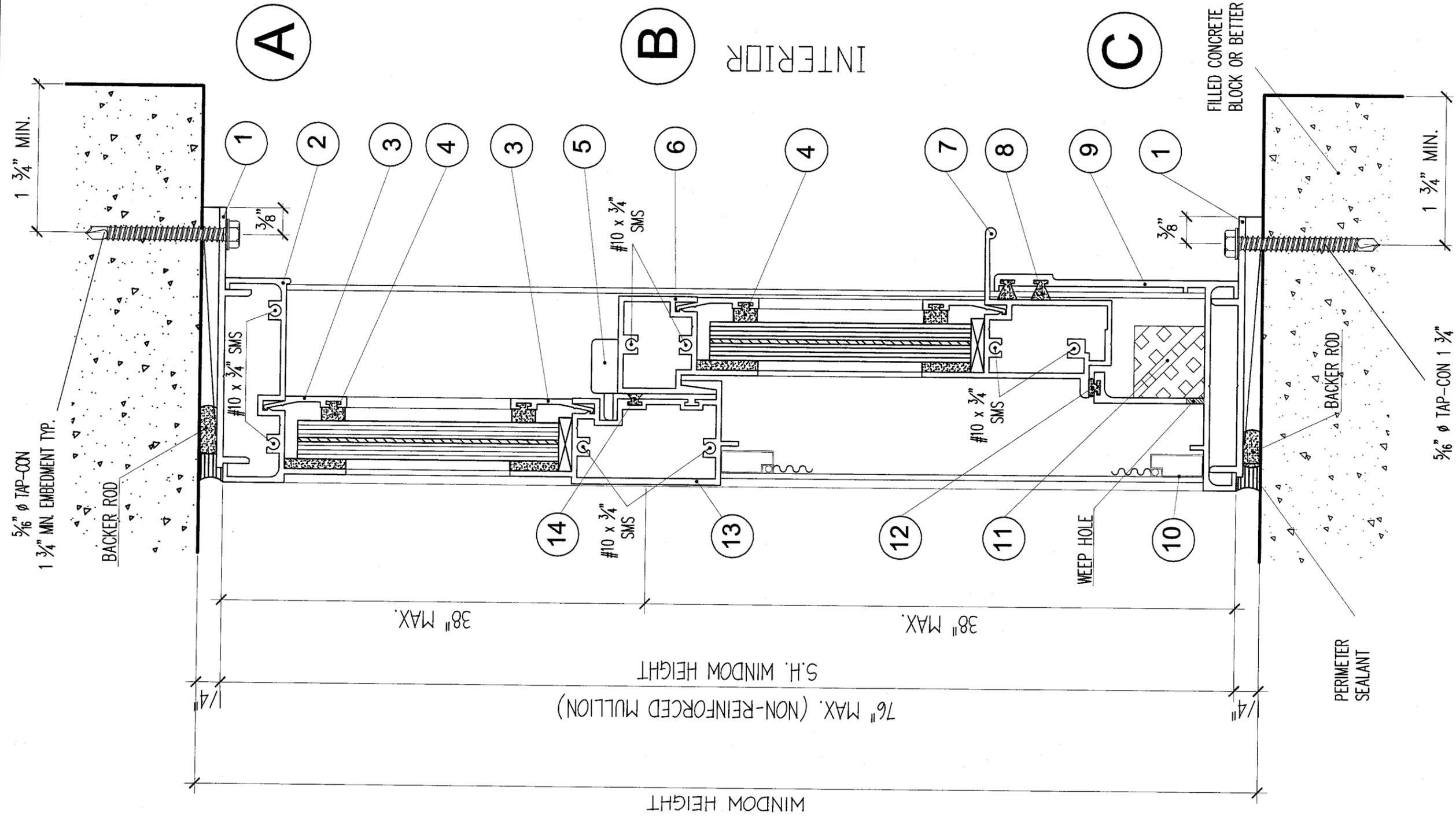
Continental Glass Systems Inc
 325 West 74 Place
 Hialeah Florida, 33014
 Phone 305-231-1101 Fax 305-231-1103

Series 5000
 SINGLE HUNG
 LARGE MISSILE

REVISION	
No	Date
1	9-13-06
2	9-26-08
Date 4-18-08	
Scale N.T.S.	
Design by G. S.	
Drawing by RICHARD	
Checked by G. S.	
Drawing No. S.H.-5000-L.M.	
Sheet 1 of 9	

SEAL	ELEVATION
PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 08-1003.02 Expiration Date Oct. 19, 2011 By <i>Manuel Perez</i> Miami-Dade Product Control Division	KELVYN WHITFIELD P.E. 1002 NE 116 ST MIAMI, FL 33161 DATE 11/19/08 FLORIDA No-24140 STRUCTURAL/MECHANICAL

FUE F28-137



VERTICAL SECTION
W/NON-REINFORCED
MULLION

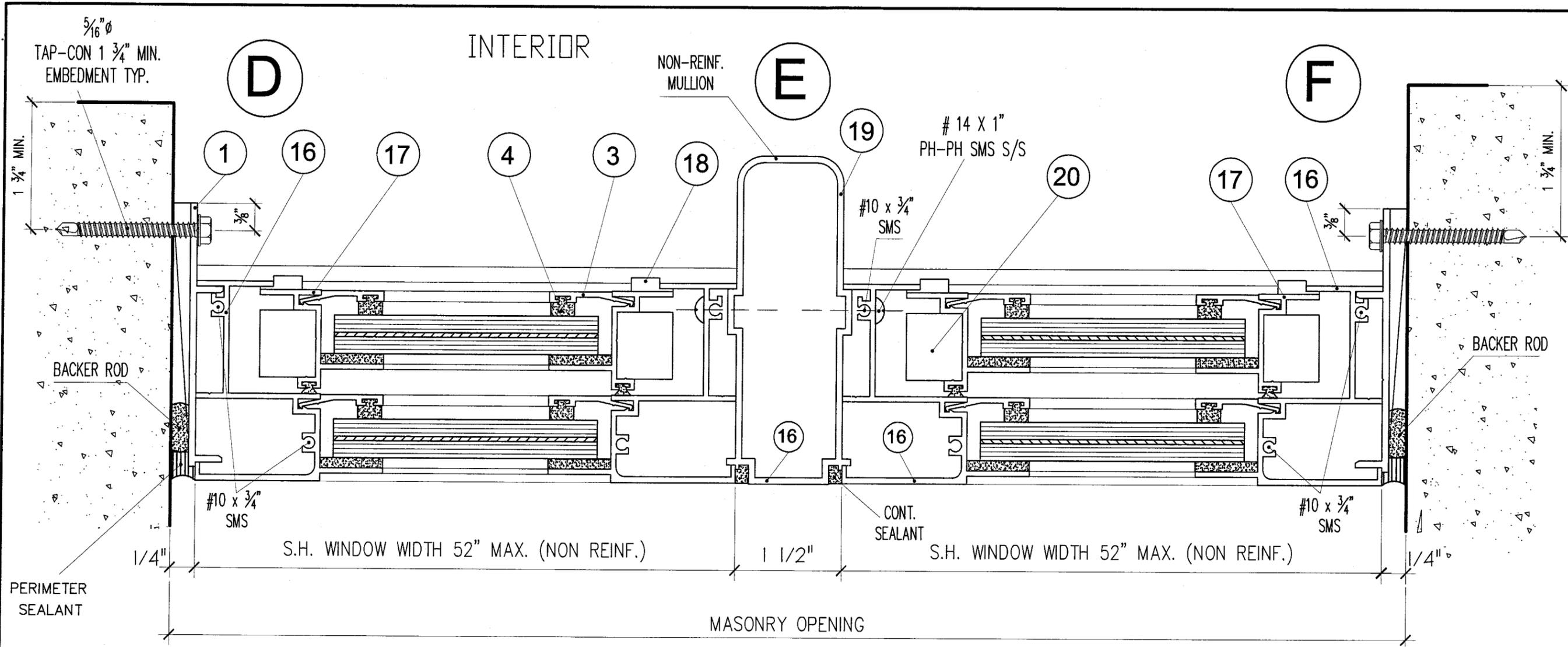
REVISION	
No	Description
1	9-13-08
2	9-26-08

Date	4-18-08
Scale	N.T.S.
Design by	G. S.
Drawing by	RICHARD
Checked by	G. S.
Drawing No.	S.H.-5000-L.M.
Sheet	4 of 9

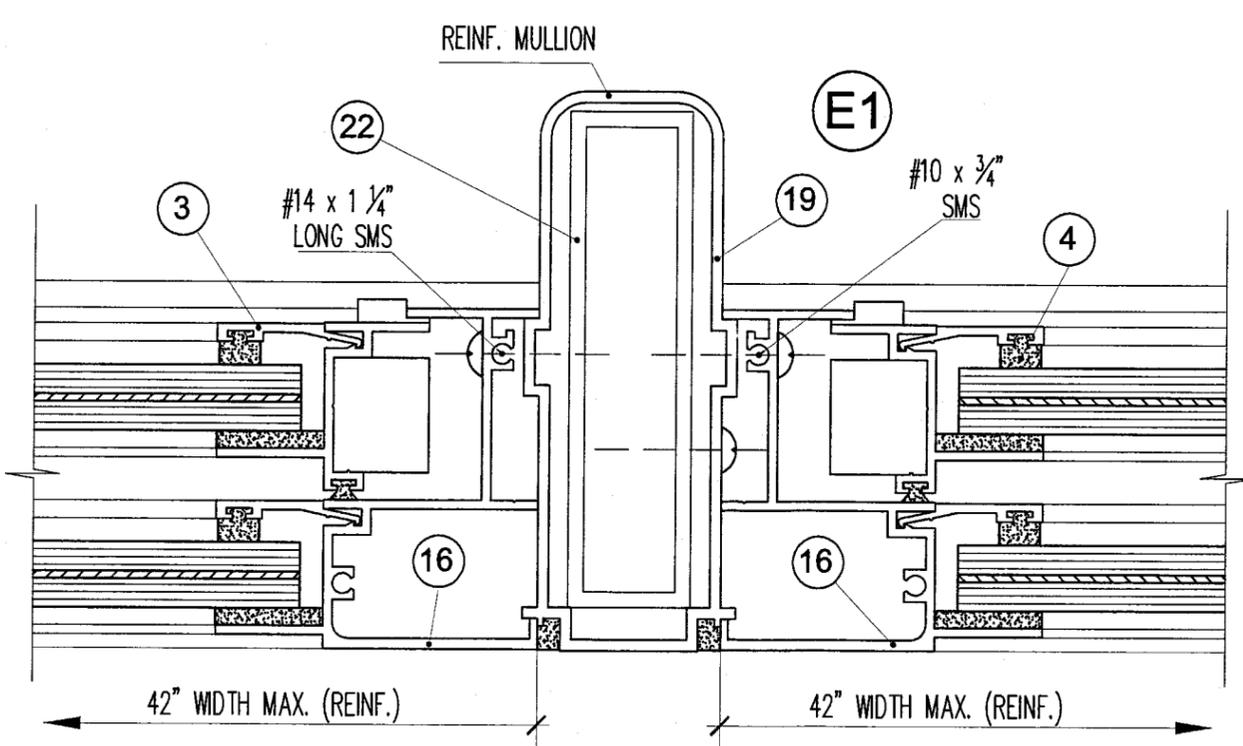
SEAL	DETAILS
PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 08-1003.02 Expiration Date Oct. 19, 2011 By <i>Manuel Perez</i> National Product Control Division	KELVYN WHITFIELD.P.E 1002 NE 116 ST MIAMI, FL 33161 <i>Kelvin Whitfield</i> DATE 11/19/08 FLORIDA No-24140 STRUCTURAL/MECHANICAL

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

Series 5000
 SINGLE HUNG
 LARGE MISSILE



EXTERIOR



HORIZONTAL SECTION W/NON REINF. MULLION

HORIZONTAL SECTION W/REINF. MULLION

Continental Glass Systems Inc
325 West 74 Place
Hialeah Florida, 33014
Phone 305-291-1101 Fax 305-291-1103

Series 5000
SINGLE HUNG
LARGE MISSILE

No	Date	By	Description
1	9-13-06		
2	9-28-08		
3			
4			

Date	4-18-08
Scale	N.T.S.
Design by	G. S.
Drawing by	RICHARD
Checked by	G. S.
Drawing No.	S.H.-5000-L.M.
Sheet	6 of 9

SEAL	DETAILS
PRODUCT ADVISED as complying with the Florida Building Code Acceptance No. 08-1003.02 Expiration Date, Oct. 19, 2011 By <i>Manuel Perez</i> Structural Engineer	KELVYN WHITFIELD.P.E 1002 NE 116 ST MIAMI, FL 33161 <i>Kelvin Whitfield</i> DATE 11/19/08 FLORIDA No-24140 STRUCTURAL/MECHANICAL

