



**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 6000 Aluminum Horizontal Rolling Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **R.W.-6000-L.M.**, titled "Series 6000 Rolling Window – Large Missile Impact", sheets 1 through 8 of 8, dated 9/18/07 with revision #3 dated 05/19/08, prepared by 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: 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 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.**

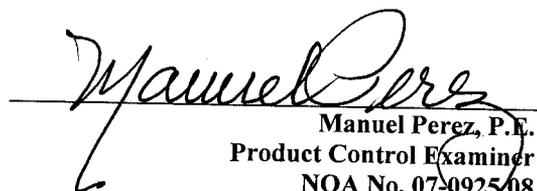


**NOA No. 07-0925.08
Expiration Date: June 12, 2013
Approval Date: June 12, 2008
Page 1**

Continental Glass Systems, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- A. DRAWINGS**
1. Manufacturer's die drawings and sections.
 2. Drawing No **R.W.-6000-L.M.**, Sheets 1 through 8 of 8, titled "Series 6000 Rolling Window – Large Missile Impact", dated 9/18/07 with revision #3 dated 05/19/08, 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
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of a series 6000 aluminum rolling window, prepared by Fenestration Testing Laboratory, Test Report No. **FTL-5269**, dated 08/03/07, signed and sealed by Carlos S, Rionda, P.E.
- C. CALCULATIONS**
1. Anchor verification calculations and structural analysis, complying with FBC-2004, dated 09/20/07, 11/01/07, 01/11/08 and 05/19/08, prepared, signed and sealed by Kelvyn Whitfield, P.E.
Complies with ASTM E1300-02
- D. QUALITY ASSURANCE**
1. Miami Dade Building Code Compliance Office (BCCO).
- E. MATERIAL CERTIFICATIONS**
1. Notice of Acceptance No. **06-1205.01** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Sentry Glass ® Plus**" dated 02/15/07, expiring on 01/14/08.
- F. STATEMENTS**
1. Statement letter of conformance, dated September 20, 2007, signed and sealed by Kelvyn Whitfield, P.E.
 2. Statement letter of no financial interest, dated September 20, 2007, signed and sealed by Kelvyn Whitfield, P.E.
 3. Laboratory compliance letter for Test Report no. **FTL-5269**, issued by Hurricane Test Laboratory, Inc., dated August 9, 2007, signed and sealed by Carlos S, Rionda, P.E.
- G. OTHER**
1. None.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 07-0925-08
Expiration Date: June 12, 2013
Approval Date: June 12, 2008

Series 6000
 ROLLING WINDOW
 LARGE MISSILE
 IMPACT

SERIES 6000 ROLLING WINDOW

NOTES:

1. THIS ROLLING WINDOW SYSTEM IS DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2004 (FBC) FLORIDA BUILDING CODE CHAPTER 16 AND 24, UNDER THE SPECIFIC CONDITION SHOWN ON THIS DRAWING. REF. FTL No. 5269

2. ALL EXTRUSIONS ARE ALUMINUM, 6005-T5 ALLOY, WITH A MINIMUM Fy OF 35,000 P.S.I. U.O.N.

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

4. INSTALLATION ANCHORS ARE 1/4"Ø AND 5/16"Ø I.T.W. TAP-CON. 1 1/2" MIN. EMBEDMENT INTO FILLED CONCRETE BLOCK OR BETTER.

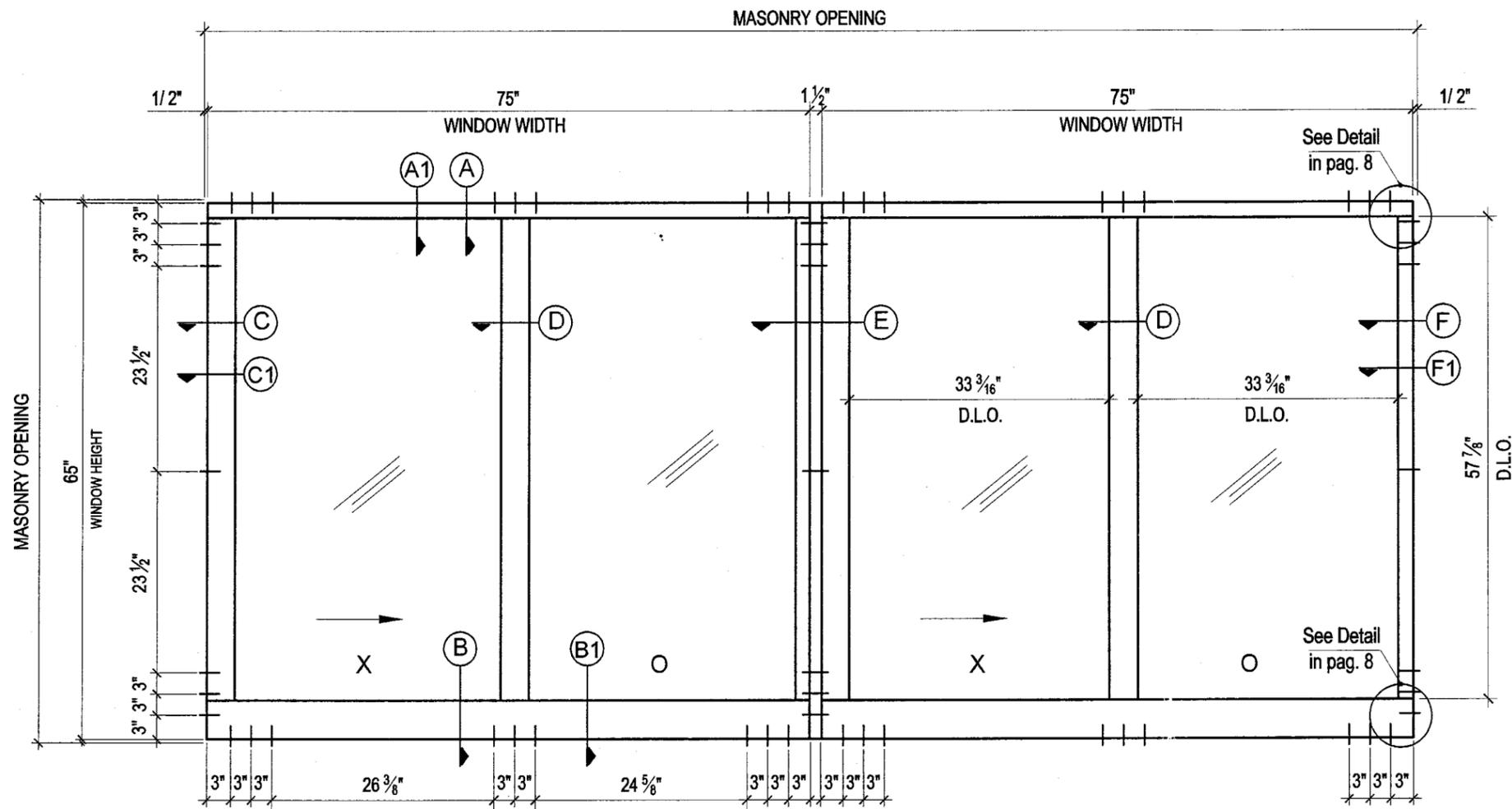
5. SHIMS. USE HARD PLASTIC.

6. APPROVED STRUCTURAL SILICONE:

- A) 795 DOW CORNING
- B) SCS 2000 BY GE

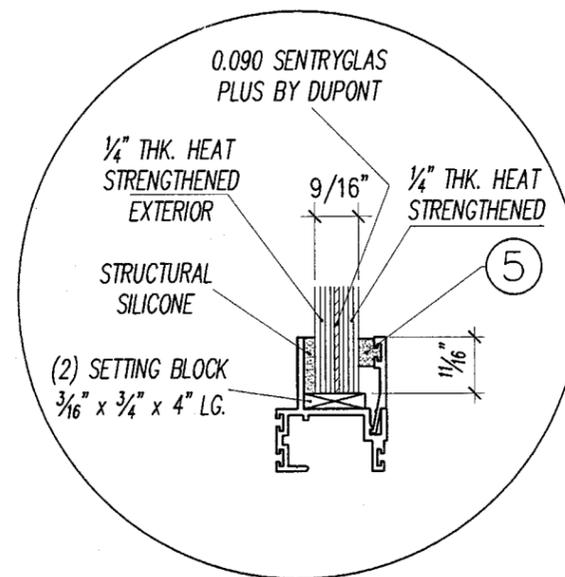
7. APPROVED PERIMETER SEALANT:

- A) 795 DOW CORNING



WINDOW ELEVATION
 "CLIP" DIRECT MOUNTING
 EXTERIOR VIEW

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



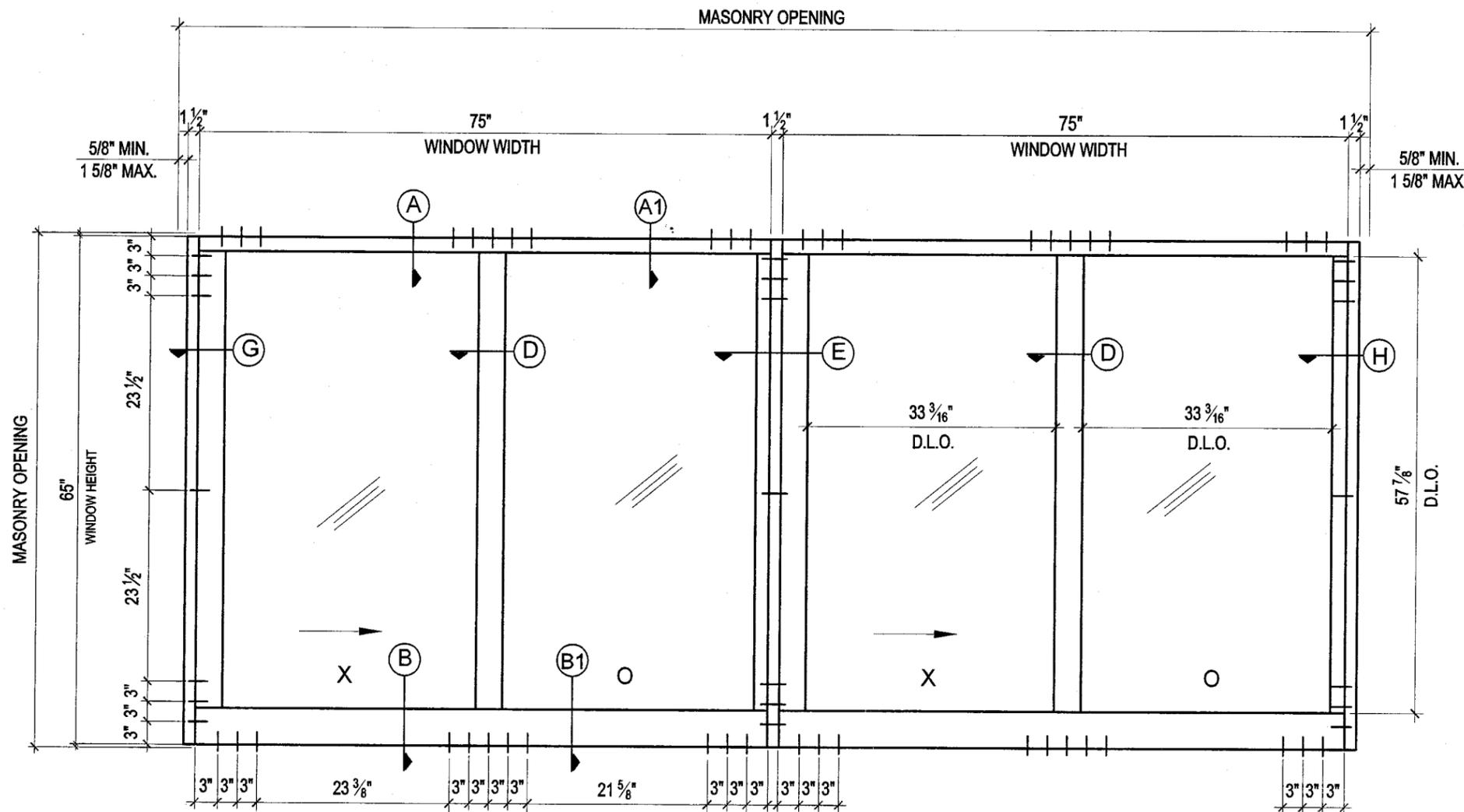
GLAZING
 DETAIL

REVISION	
No	Description
1	9-18-07 B.C.C.O.
2	01-11-08 B.C.C.O.
3	05-19-08 B.C.C.O.

Date	9-18-07
Scale	N.T.S.
Design by	G. S.
Drawing by	RICHARD
Checked by	G. S.
Drawing No.	R.W.-6000-L.M.
Sheet	1 of 8

APPROVED	ELEVATION
Approved as complying with the Florida Building Code Date <u>JUNE 12, 2008</u> NOAH <u>07-0925.08</u> Miami Dade Product Control Division By <u>Manuel Perez</u>	KELVYN WHITFIELD.P.E. 1002 NE 116 ST MIAMI, FL 33161 DATE <u>5/28/08</u> FLORIDA No-24140 MECHANICAL

SERIES 6000 ROLLING WINDOW



WINDOW ELEVATION
 "DIRECT" MOUNTING
 EXTERIOR VIEW

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

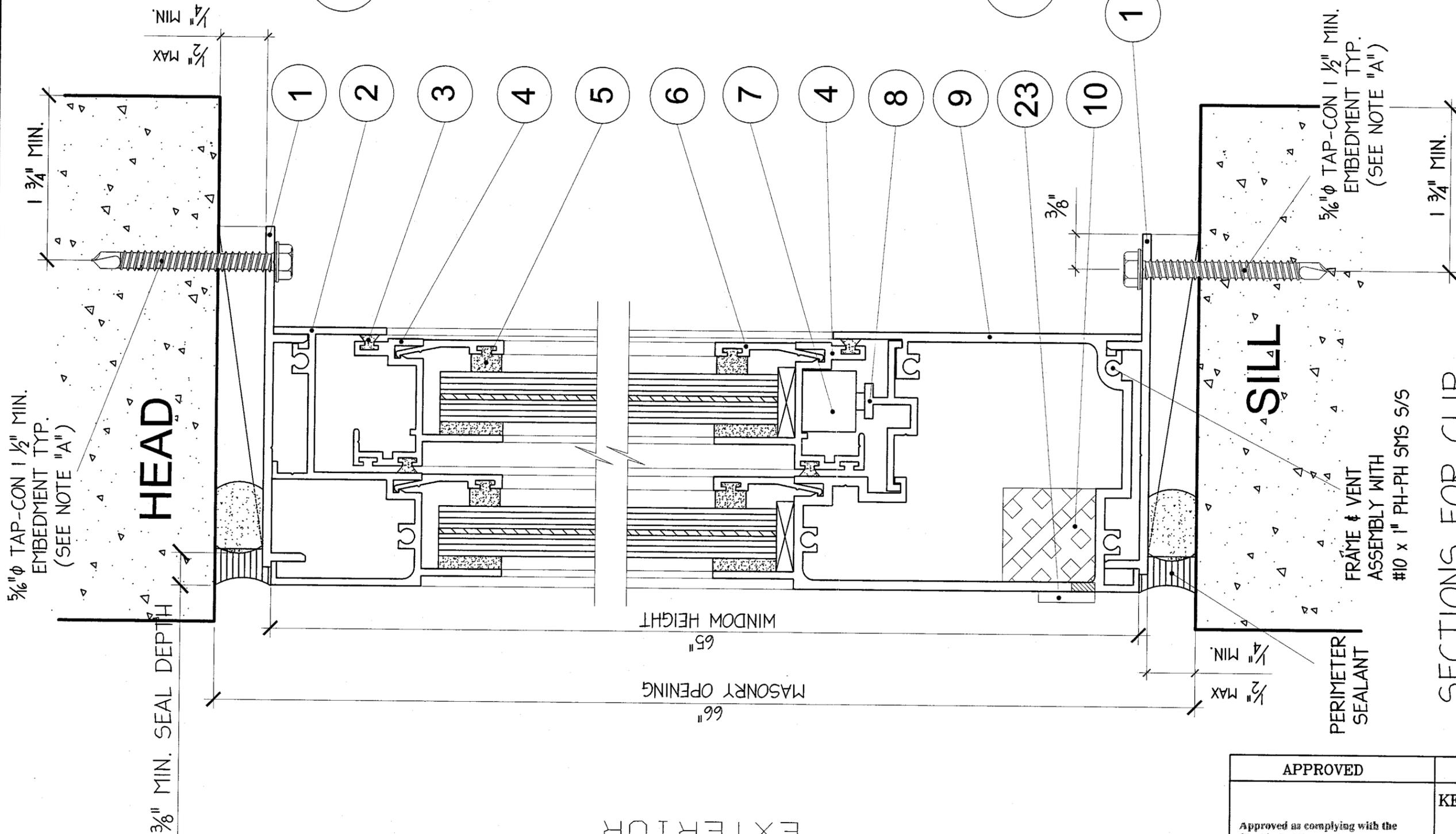
Continental Glass Systems Inc
 325 West 74 Place
 Hialeah Florida, 33014
 Phone 305-231-1101 Fax 305-231-1103

Series 6000
 ROLLING WINDOW
 LARGE MISSILE
 IMPACT

REVISION		
No	Date	Description
1	9-18-07	B.C.C.O.
2	01-11-08	B.C.C.O.
3	05-19-08	B.C.C.O.

Date	9-18-07
Scale	N.T.S.
Design by	G. S.
Drawing by	RICHARD
Checked by	G. S.
Drawing No.	R.W.-6000-L.M.
Sheet	2 of 8

APPROVED	ELEVATION
Approved as complying with the Florida Building Code Date <u>JUNE 12, 2008</u> NOAH <u>07-0925-08</u> Miami Dade Product Control Division By <u>Manuel Perez</u>	KELVYN WHITFIELD.P.E 1002 NE 116 ST MIAMI, FL 33161 DATE <u>5/14/08</u> FLORIDA No-24140 MECHANICAL



5/16" φ TAP-CON 1 1/2" MIN. EMBEDMENT TYP. (SEE NOTE "A")

HEAD

SILL

FRAME & VENT ASSEMBLY WITH #10 x 1" PH-PH SMS 5/5

PERIMETER SEALANT

SECTIONS FOR CLIP DIRECT MOUNTING

INTERIOR

EXTERIOR

1/4" MIN. 1/2" MAX.

3/8" MIN. SEAL DEPTH

WINDOW HEIGHT

MASONRY OPENING

3/8"

1/4" MIN. 1/2" MAX.

1 3/4" MIN.

5/16" φ TAP-CON 1 1/2" MIN. EMBEDMENT TYP. (SEE NOTE "A")

Date	9-18-07
Scale	
Design by	G. S.
Drawing by	RICHARD
Checked by	G. S.
Drawing No.	R.W.-6000-L.M.
Sheet	3 of 8

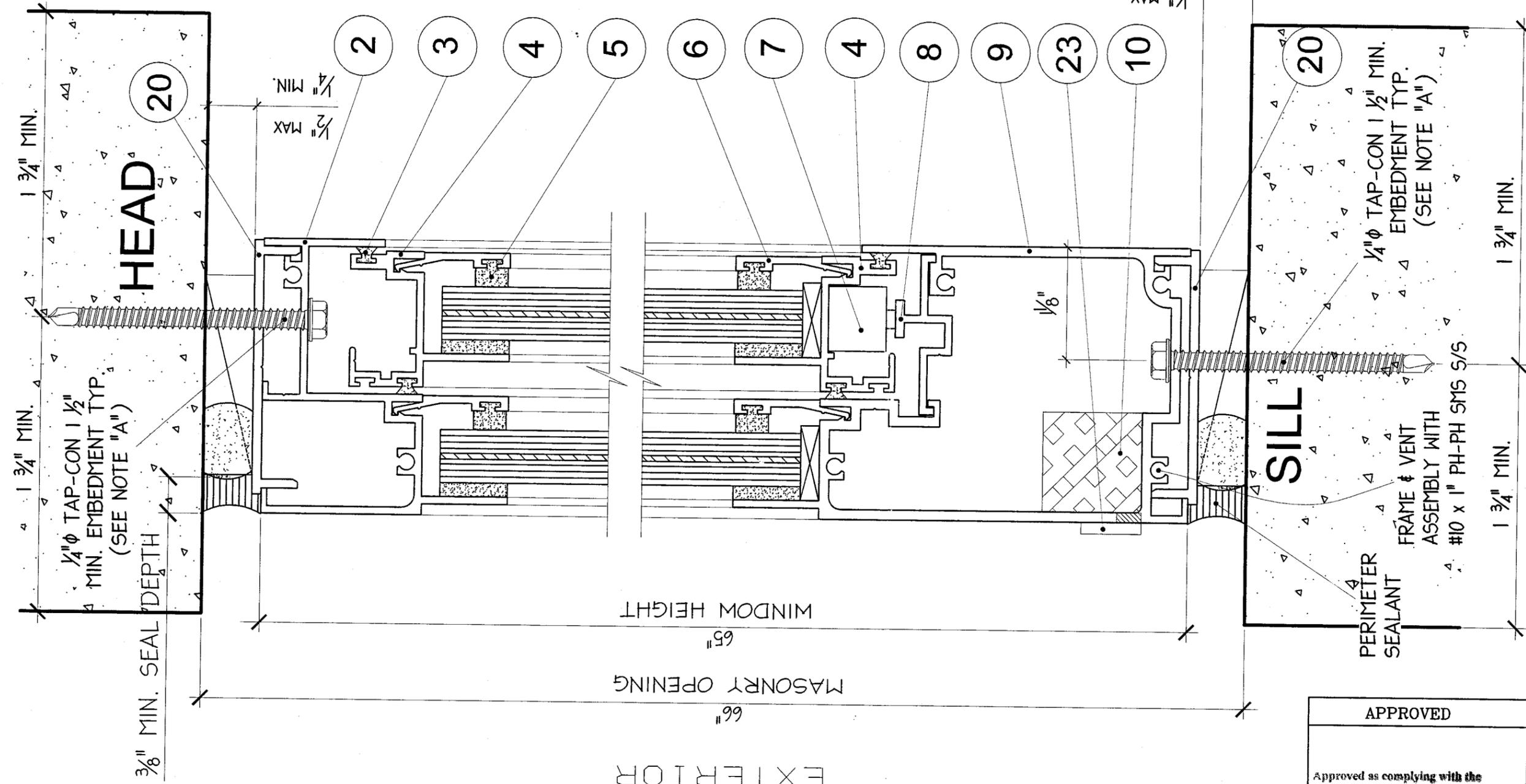
APPROVED
 Approved as complying with the Florida Building Code
 Date JUNE 12, 2008
 NOA# 07-0925.08
 Miami Dept Product Control
 Division
 By [Signature]

DETAILS
 KELVYN WHITFIELD, P.E.
 1002 NE 116 ST
 MIAMI, FL 33161
 DATE 5/19/08
 FLORIDA No.-24140
 MECHANICAL

Series 6000
 ROLLING WINDOW
 LARGE MISSILE IMPACT

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

REVISION	
No	Date By Description
1	9-18-07 B.C.C.O.
2	01-11-08 B.C.C.O.
3	05-19-08 B.C.C.O.



SECTIONS FOR
DIRECT MOUNTING

REVISION	
No	Date
1	9-18-07
2	01-11-08
3	05-19-08

Date 9-18-07
Scale
Design by G. S.
Drawing by RICHARD
Checked by G. S.
Drawing No.
R.W.-6000-L.M.
Sheet 4 of 8

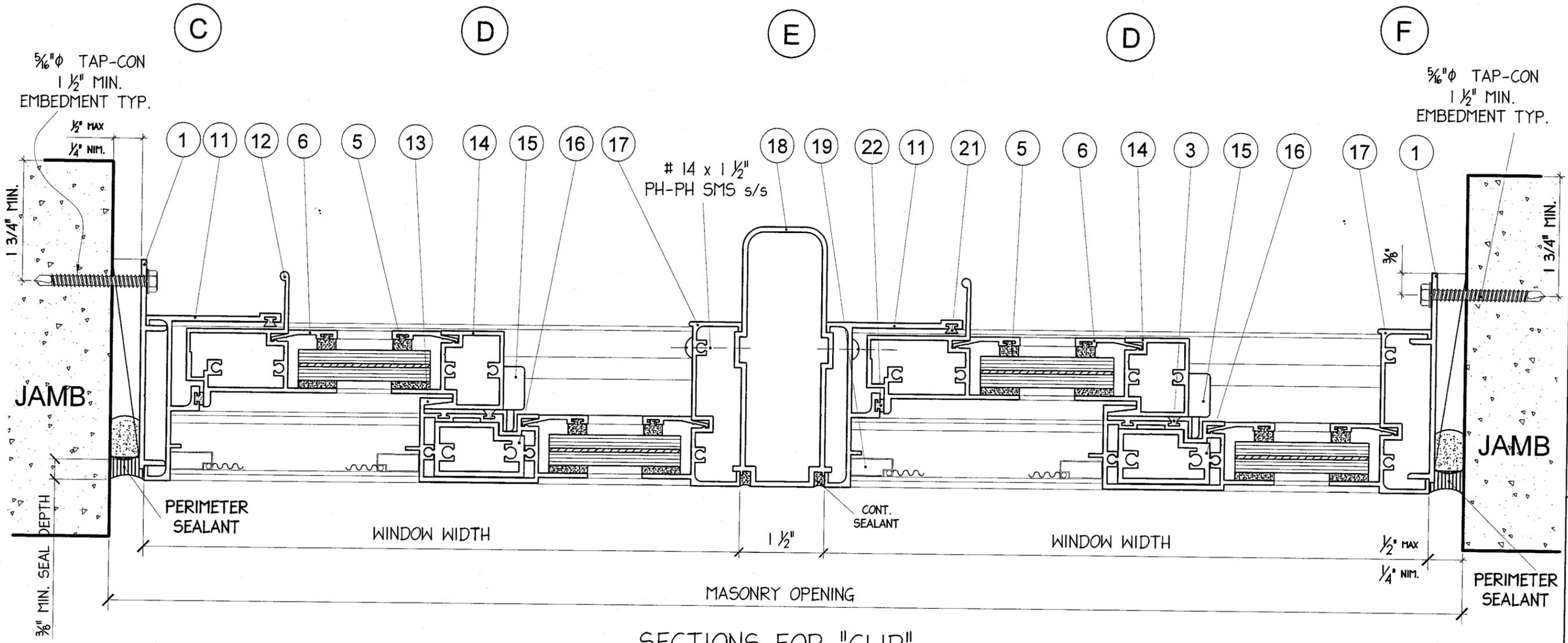
APPROVED
Approved as complying with the Florida Building Code
Date JUNE 12, 2008
NOA# 07-0925.08
Miami Dade Product Control Division
By Manuel Perez

DETAILS
KELVYN WHITFIELD, P.E.
1002 NE 116 ST
MIAMI, FL 33167
DATE 5/19/08
FLORIDA No-24140
MECHANICAL

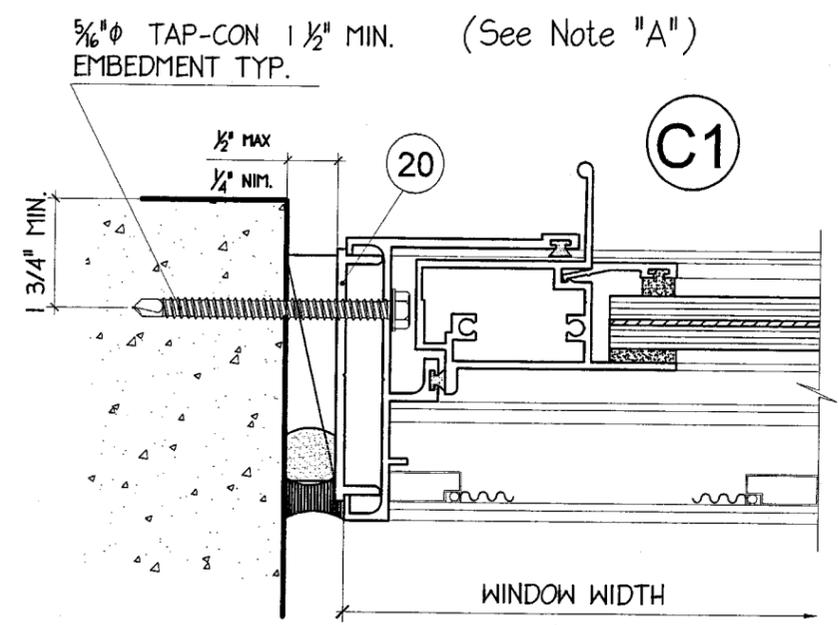
Continental Glass Systems Inc
325 West 74 Place
Hialeah Florida, 33014
Phone 305-231-1101 Fax 305-231-1103

Series 6000
ROLLING WINDOW
LARGE MISSILE
IMPACT

INTERIOR

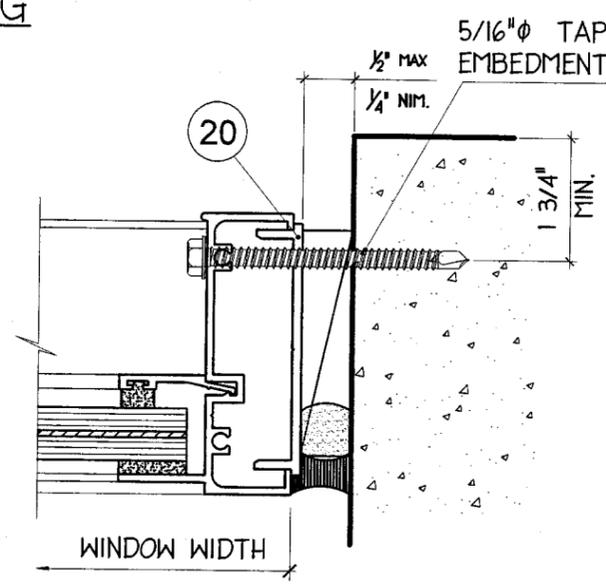


SECTIONS FOR "CLIP" DIRECT MOUNTING



NOTE "A"
A 1/4" MAX. SHIM GAP IS ALLOWED WITH 1/4" φ TAPCONS

F1



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

Series 6000
ROLLING WINDOW
LARGE MISSILE
IMPACT

REVISIONS	
No	Date
1	9-18-07
2	01-11-08
3	05-19-08

Date	9-18-07
Scale	
Design by	G. S.
Drawing by	RICHARD
Checked by	G. S.
Drawing No.	R.W.-6000-L.M.
Sheet	5 of 8

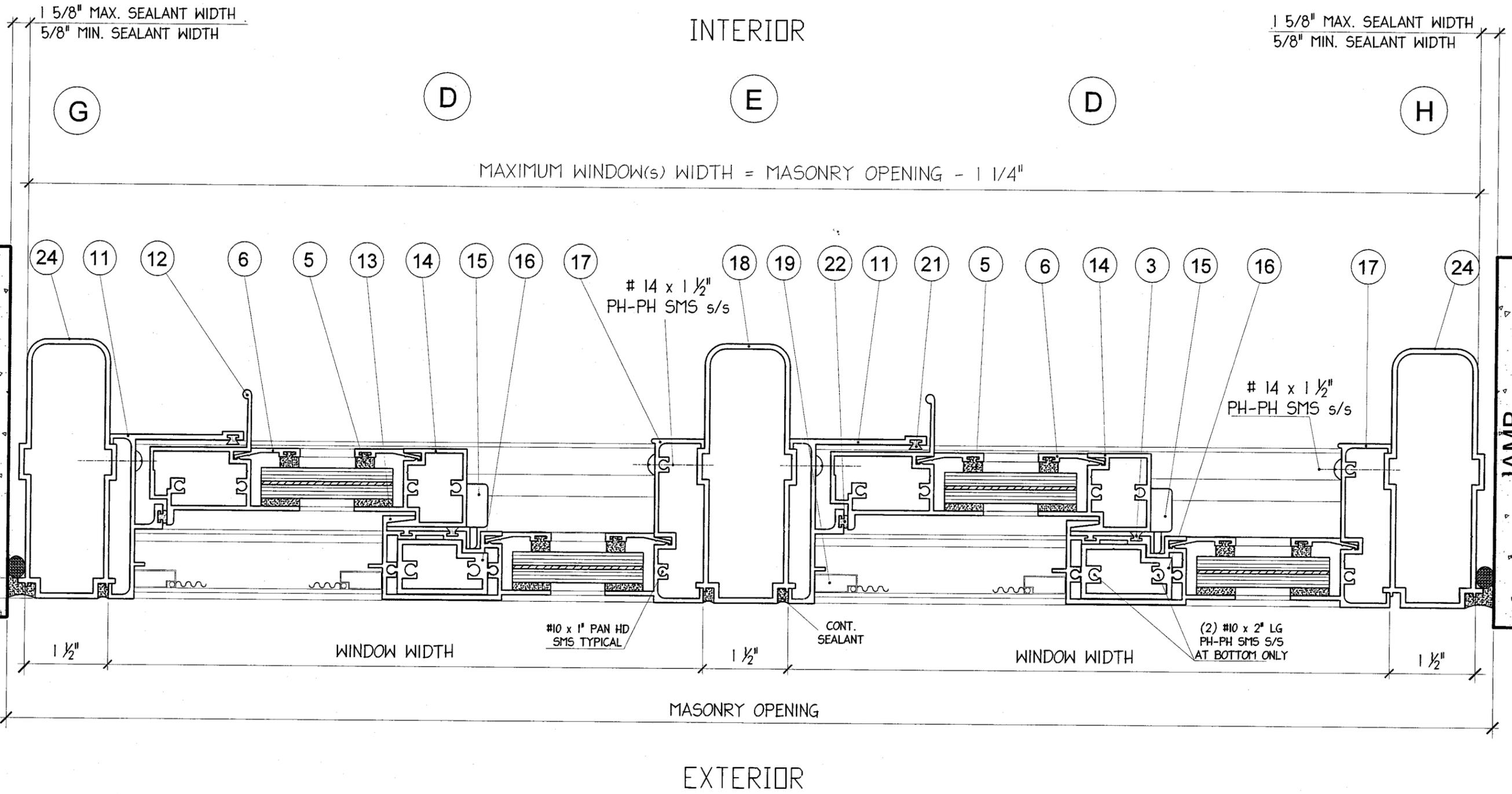
APPROVED
Approved as complying with the Florida Building Code
Date JUNE 12, 2008
NOA# 07-0925-03
Miami Date Product Control
By Mauro Perry

DETAILS
KELVYN WHITFIELD, P.E.
1002 NE 116 ST
MIAMI, FL 33161
DATE 3/19/08
FLORIDA No-24140
MECHANICAL

Series 6000
 ROLLING WINDOW
 LARGE MISSILE
 IMPACT

REVISION	
No	Description
1	9-18-07 B.C.C.O.
2	01-11-08 B.C.C.O.
3	05-19-08 B.C.C.O.

Date	9-18-07
Scale	
Design by	G. S.
Drawing by	RICHARD
Checked by	G. S.
Drawing No.	R.W.-6000-L.M.
Sheet 6 of 8	



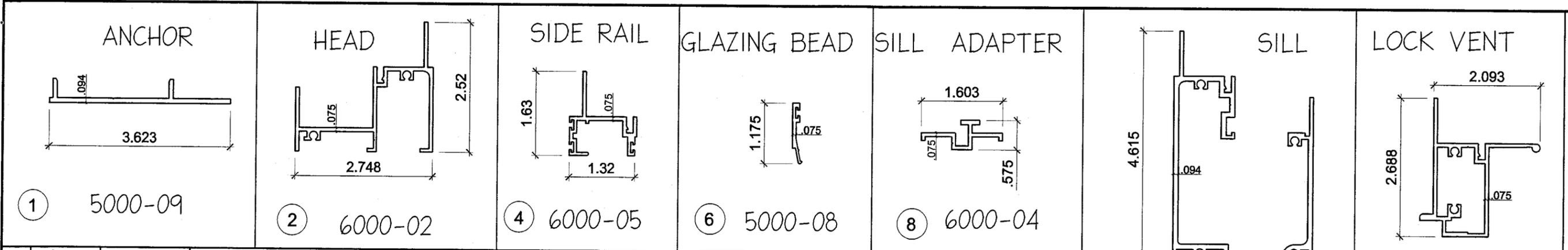
NOTES:

1. BACKER ROD DIAMETER = SEAL WIDTH X 120% = 3/4"
2. SEALANT DEPTH IS 5/16" MIN. FOR SEALANT WIDTH UP TO 1.0", AND 7/16" MIN. FOR SEALANT WIDTHS OVER 1.0"

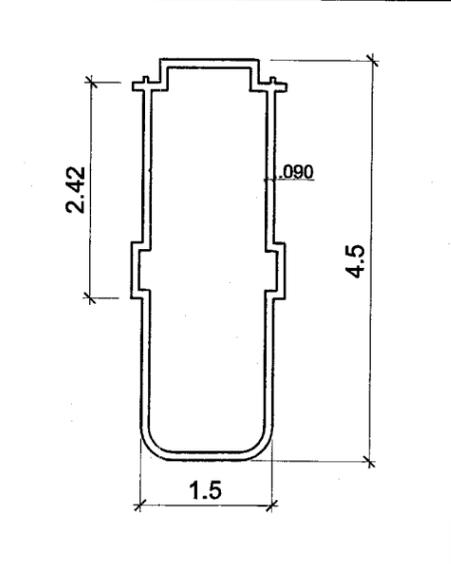
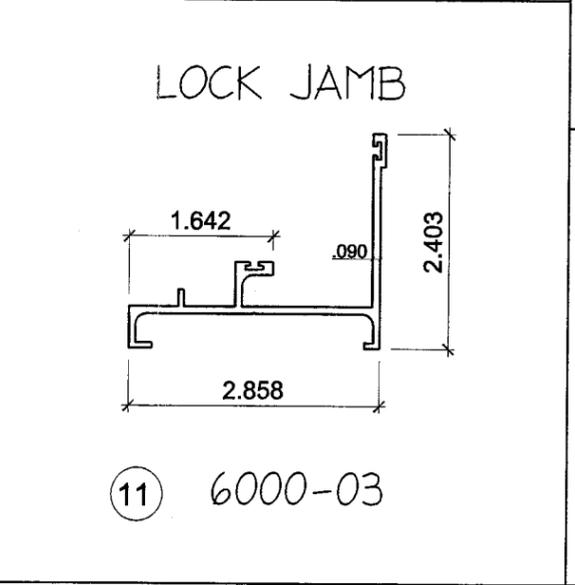
SECTIONS FOR DIRECT MOUNTING AT JAMBS

APPROVED	DETAILS
<p>Approved as complying with the Florida Building Code Date <u>JUNE 12, 2008</u> NOA# <u>07-0925.08</u> Miami Dade Product Control Division By <u>[Signature]</u></p>	<p>KELVYN WHITFIELD.P.E 1002 NE 116 ST MIAMI, FL 33161 DATE <u>5/19/08</u> FLORIDA No-24140 MECHANICAL</p>

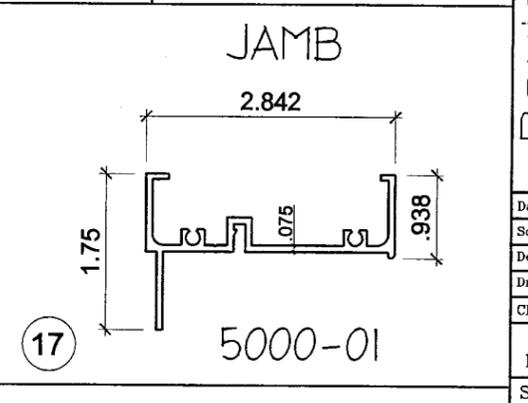
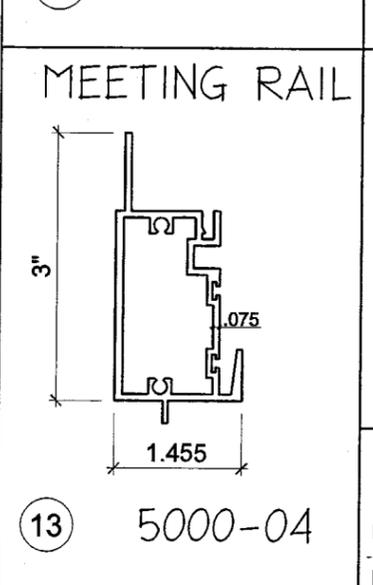
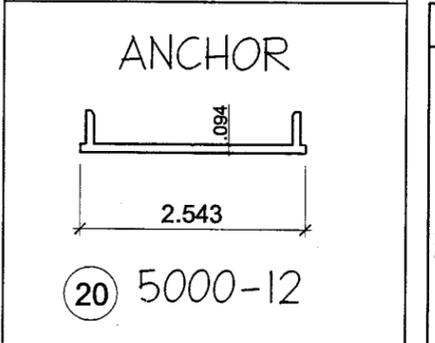
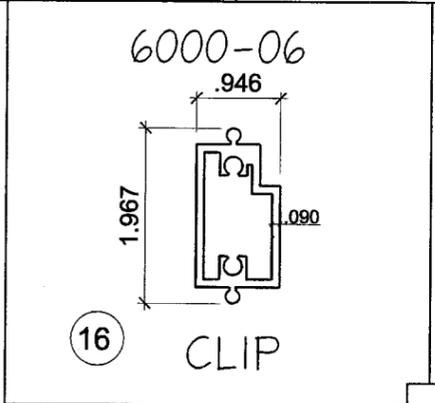
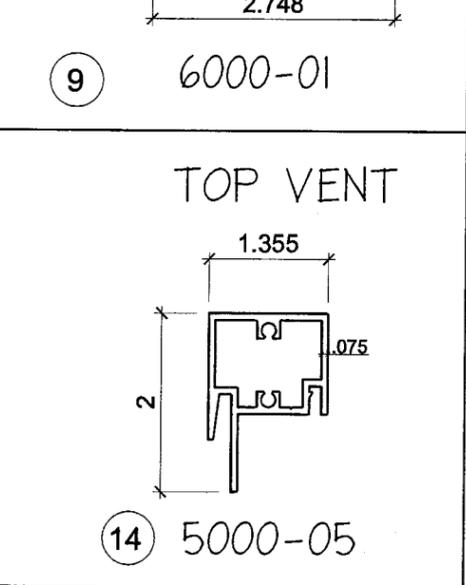
ROLLING WINDOW



ITEM #	PART #	PART NAME	REMARKS
1	5000-09	ANCHOR	
2	6000-02	HEAD	FRAME
3		FIN-SEAL .250 x .187	ULTRAFAB
4	6000-05	SIDE RAIL	VENT
5		GLASS SPACING	PROTOTYPE PLASTIC EXTRUSION
6	5000-08	GLAZING BEAD	VENT
7		WHEEL	DNS
8	6000-04	SILL ADAPTER	FRAME
9	6000-01	SILL	FRAME
10		BAFFLE 1 x 1 x 2"	FRANK LOWE
11	6000-03	LOCK JAMB	FRAME
12	5000-06	LOCK VENT	VENT
13	5000-04	MEETING RAIL	FRAME
14	5000-05	TOP VENT	VENT
15	SL-01	LOCK	DNS
16	6000-06	CLIP	1 1/2" LG. AT BOTTOM ATTACH WITH (2) # 10 X 2" LG. PH-PH SMS S/S
17	5000-01	JAMB	FRAME
18	5000-10	MULLION	
19		SCREEN	
20	5000-12	ANCHOR	
21		FIN-SEAL .400 x .187	ULTRAFAB
22	E-206	VINYL BULB	PROTOTYPE PLASTIC EXTRUSION
23		WATER WEEP	DNS
24		JAMB STABILIZER	



(18) 5000-10 MULLION
(24) 5000-10 JAMB STABILIZER



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

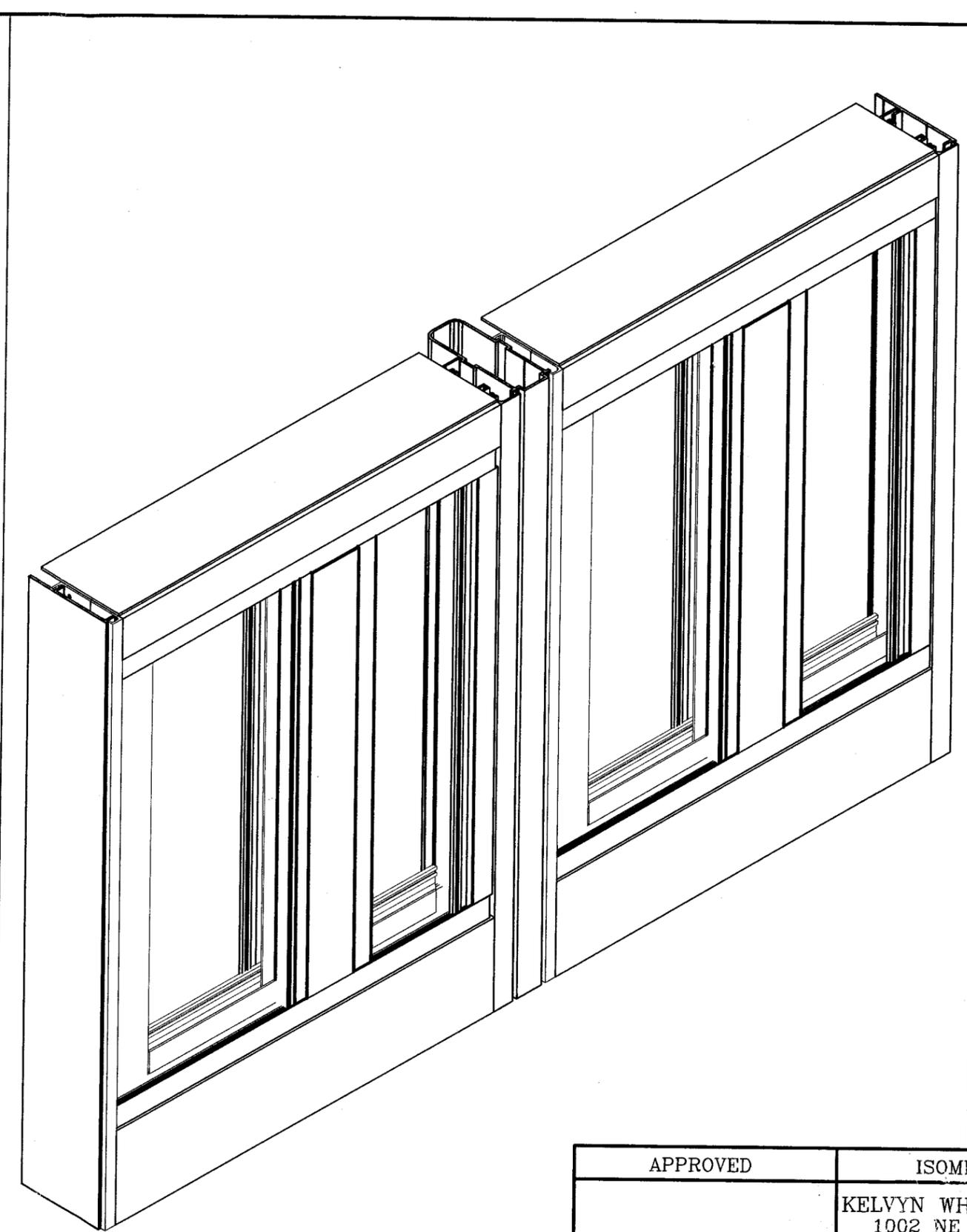
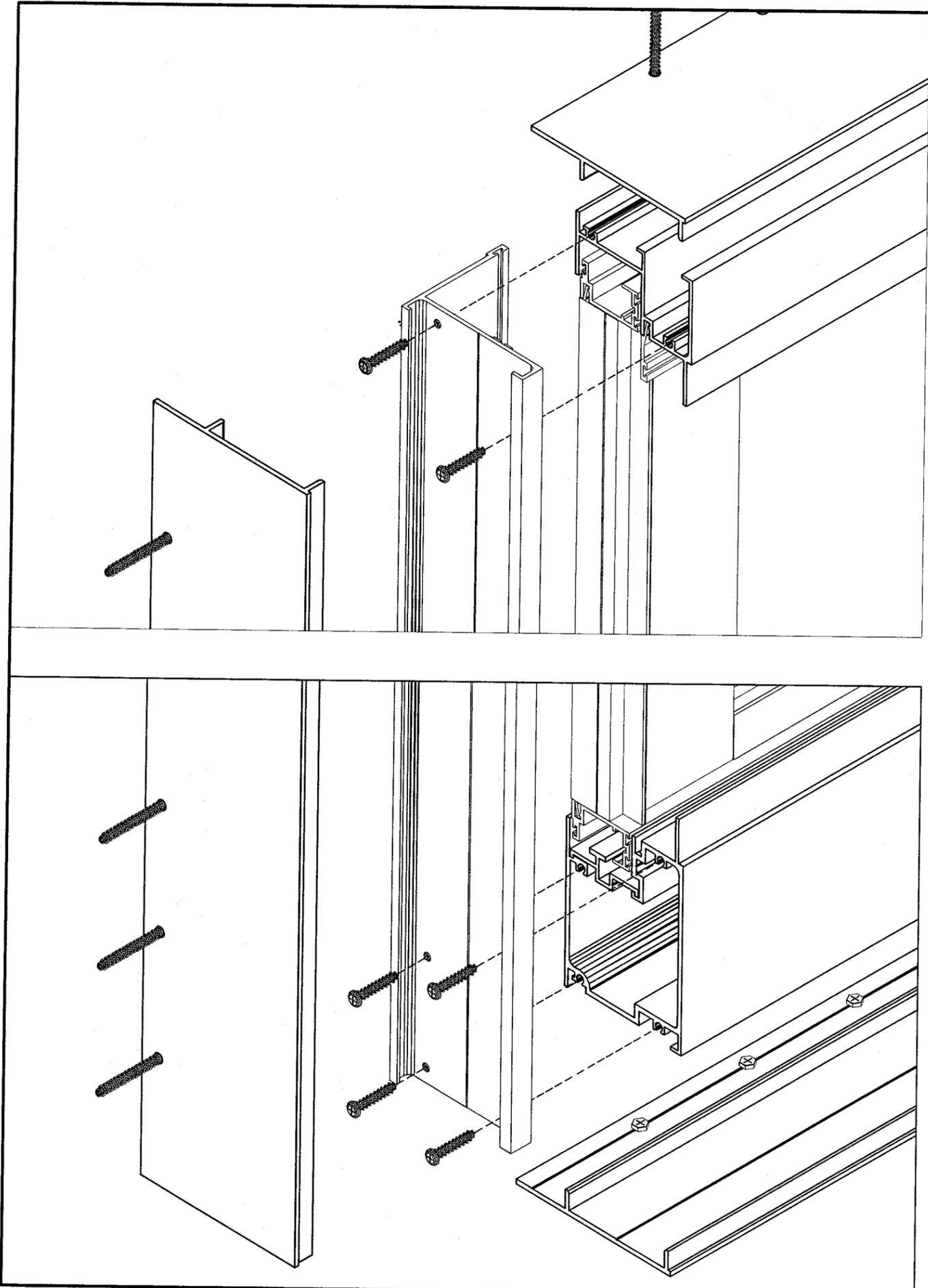
Series 6000
ROLLING WINDOW
LARGE MISSILE
IMPACT

REVISION		Date	By	Description
No	1	9-18-07	B.C.C.O.	
No	2	01-11-08	B.C.C.O.	
No	3	05-19-08	B.C.C.O.	

Date: 9-18-07
Scale: N.T.S.
Design by: G. S.
Drawing by: RICHARD
Checked by: G. S.
Drawing No. R.W.-6000-L.M.
Sheet 7 of 8

APPROVED
Approved as complying with the Florida Building Code
Date: JUNE 12, 2008
NOA# 07-0925.08
Miami Date Product Control
By: *[Signature]*

EXTRUSIONS & PARTS
KELVYN WHITFIELD.P.E
1002 NE 116 ST
MIAMI, FL 33101
DATE 5/19/08
FLORIDA No-24140
MECHANICAL



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

Series 6000
 ROLLING WINDOW
 LARGE MISSILE
 IMPACT

REVISION	
No	Date
1	9-18-07
2	01-11-08
3	05-19-08

Date	9-18-07
Scale	
Design by	G. S.
Drawing by	RICHARD
Checked by	G. S.
Drawing No.	RW-6000-LM
Sheet	8 of 8

APPROVED	ISOMETRIC
Approved as complying with the Florida Building Code Date <u>JUNE 12, 2008</u> NOA# <u>07-0925.08</u> Miami Dade Product Control Division By <u>[Signature]</u>	KELVYN WHITFIELD, P.E. 1002 NE 116 ST MIAMI, FL 33161 <u>[Signature]</u> DATE <u>5/28/08</u> FLORIDA No-24140 MECHANICAL