MIAMI-DADE COUNTY
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
www.miamidade.gov/buildingcode

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 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 "3200 Insulated Laminated" Aluminum Window Wall System – S.M.I.

APPROVAL DOCUMENT: Drawing No. **LAM-3200-S.M**, titled "Series 3200 Insulated/Laminated Small Missile", sheets 1 through 7 of 7, dated 02/05/09 with revision **1** dated 04/08/09, 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: 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.**

MIAMI-DADE COUNTY APPROVED

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **LAM-3200-S.M**, Sheets 1 through 7 of 7, titled "Series 3200 Insulated/Laminated Small Missile", dated 02/05/09 with revision 1 dated 04/08/09, 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) Small Missile Impact Test per FBC, TAS 201-94
   5) Large Missile Impact Test per FBC, TAS 201-94
   6) Cyclic Wind Pressure Loading per FBC, TAS 203-94
   7) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

   along with marked-up drawings and installation diagram of series 3200 aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5708**, dated 11/20/08, signed and sealed by Carlos S. Rionda, P.E.

C. CALCULATIONS

1. Calculations and structural analysis, complying with FBC-2007, prepared, signed and sealed by Kelvyn Whitfield, P.E. dated 04/10/09.
   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. **06-0216.06** issued to Solutia Inc. for their "**Saflex IIIG Clear or colored interlayer**" dated May 04, 2006, expiring on May 21, 2011.

F. STATEMENTS

1. Statement letter of conformance, dated February 5th, 2009, signed and sealed by Kelvyn A. Whitfield, P.E.
2. Statement letter of no financial interest, dated February 5th, 2009, signed and sealed by Kelvyn A. Whitfield, P.E.

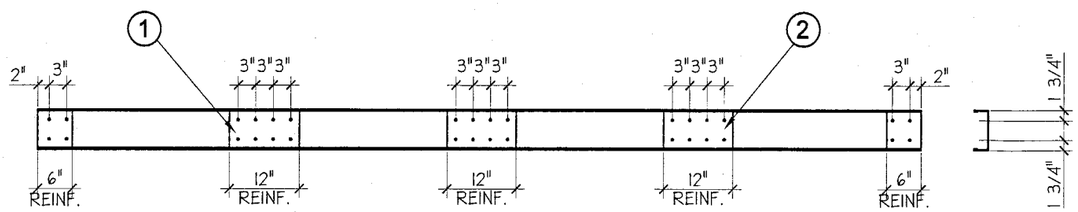
G. OTHERS

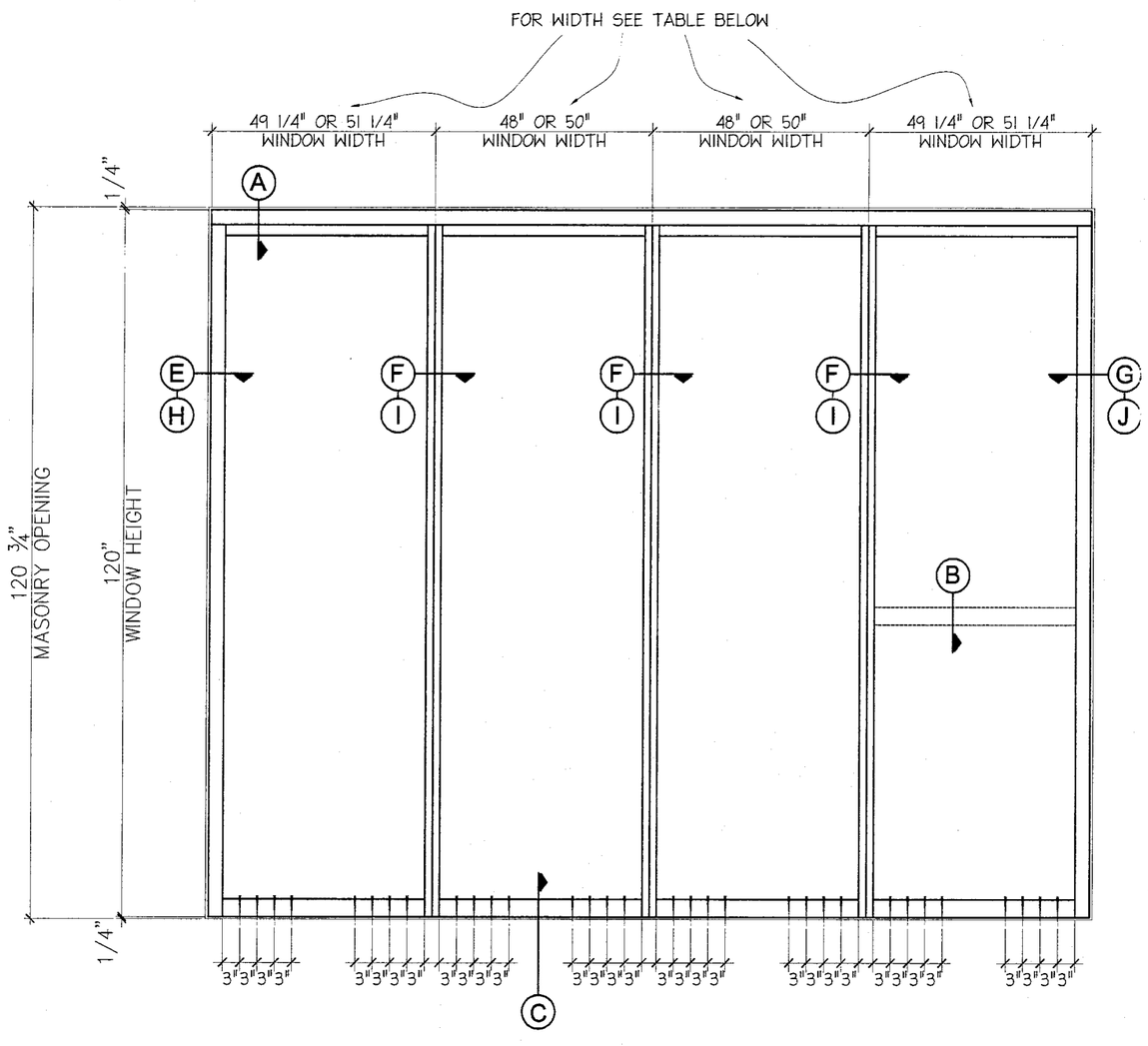
1. None.

Manuel Perez

Manuel Perez, P.E.
Product Control Examiner
NOA No. 09-0210.03
Expiration Date: May 27, 2014
Approval Date: May 27, 2009

HEAD RECEPTOR





C.G.S. SERIES 3200
INSULATED LAMINATED WINDOW WALL SYSTEM
SMALL MISSILE IMPACT

NOTES:

1. THIS FIXED INSULATED LAMINATED WINDOW WALL 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. REF. FTL 5708.
2. ALL EXTRUSIONS ARE ALUMINUM, 6005-T5. ALLOY, WITH A MINIMUM Fy OF 39.000 PSI
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 TAPCON. 1 3/4" MIN. EMBED. INTO FILLED CONCRETE BLOCK OR BETTER.
   MIN. EDGE DISTANCE 2 1/4"
   MIN. SPACING 3.0" O.C.
   MIN. 3,000 PSI CONCRETE SUBSTRATE.
5. USE HARD PLASTIC LOAD BEARING SHIM 1/4" MAXIMUM.
6. APPROVED STRUCTURAL SILICONE:
   A) 795 DOW CORNING
   B) SCS 2000 BY GE

Approved as complying with the Florida Building Code
Date MAY 27, 2009
NOA# 09-0210.03
Miami Dade Product Control Division
By Manuel Perez

FIXED WINDOW ELEVATION
EXTERIOR VIEW

DESIGN LOAD - CAPACITY (P.S.F.)		MAXIMUN WINDOW WIDTH	MAXIMUN D.L.O. WIDTH	MAXIMUN D.L.O. HEIGHT	REINFORCING
POSITIVE	NEGATIVE				
70	70	50"	47 1/2"	114"	NO
110	110	48"	45 1/2"	114"	YES

KELVYN WHITFIELD P.E.
1002 NE 116 ST - MIAMI, FL 33161
DATE: 04-08-09
FLORIDA No. 24140
MECHANICAL

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

Series 3200
INSULATED / LAMINATED
SMALL MISSILE

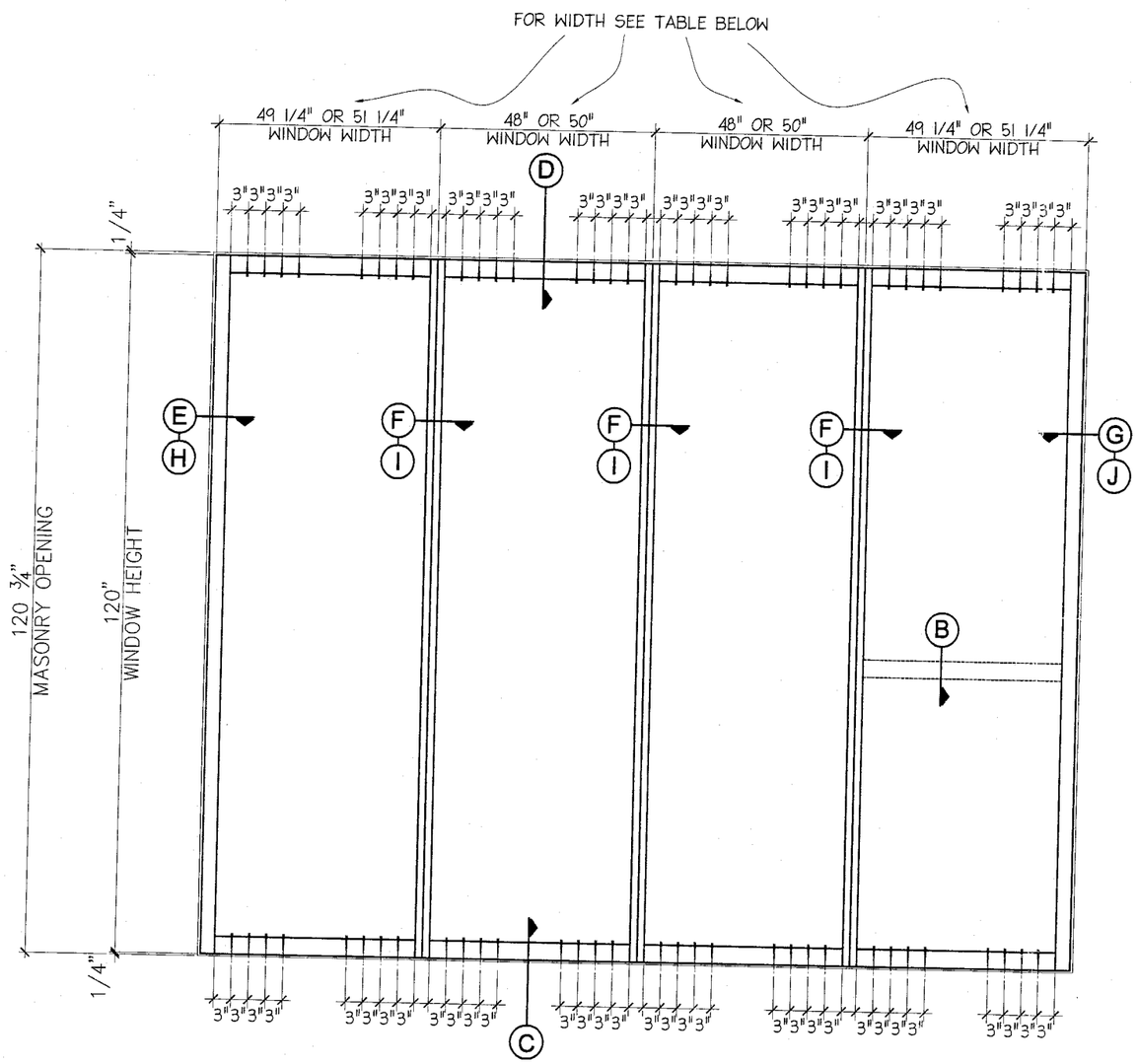
Revision			
No	Date	By	Description
1	04-08-09	R. P.	B.C.C.O.

Date	02-05-09
Scale	N.T.S.
Design by	G. S.
Drawing by	RICHARD
Checked by	G. S.

Drawing No.
LAM-3200-S.M

Sheet 1 of 7

STANDARD HEAD



FIXED WINDOW ELEVATION
EXTERIOR VIEW

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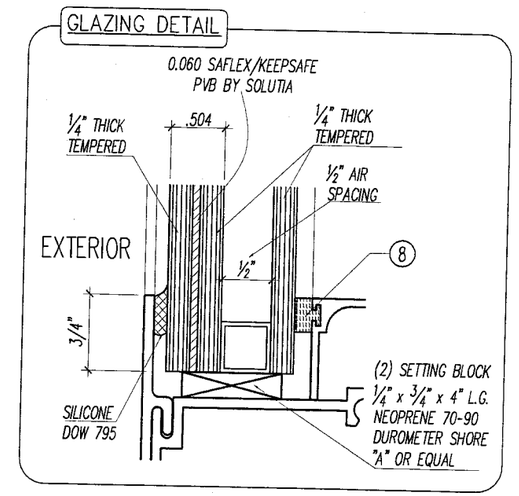

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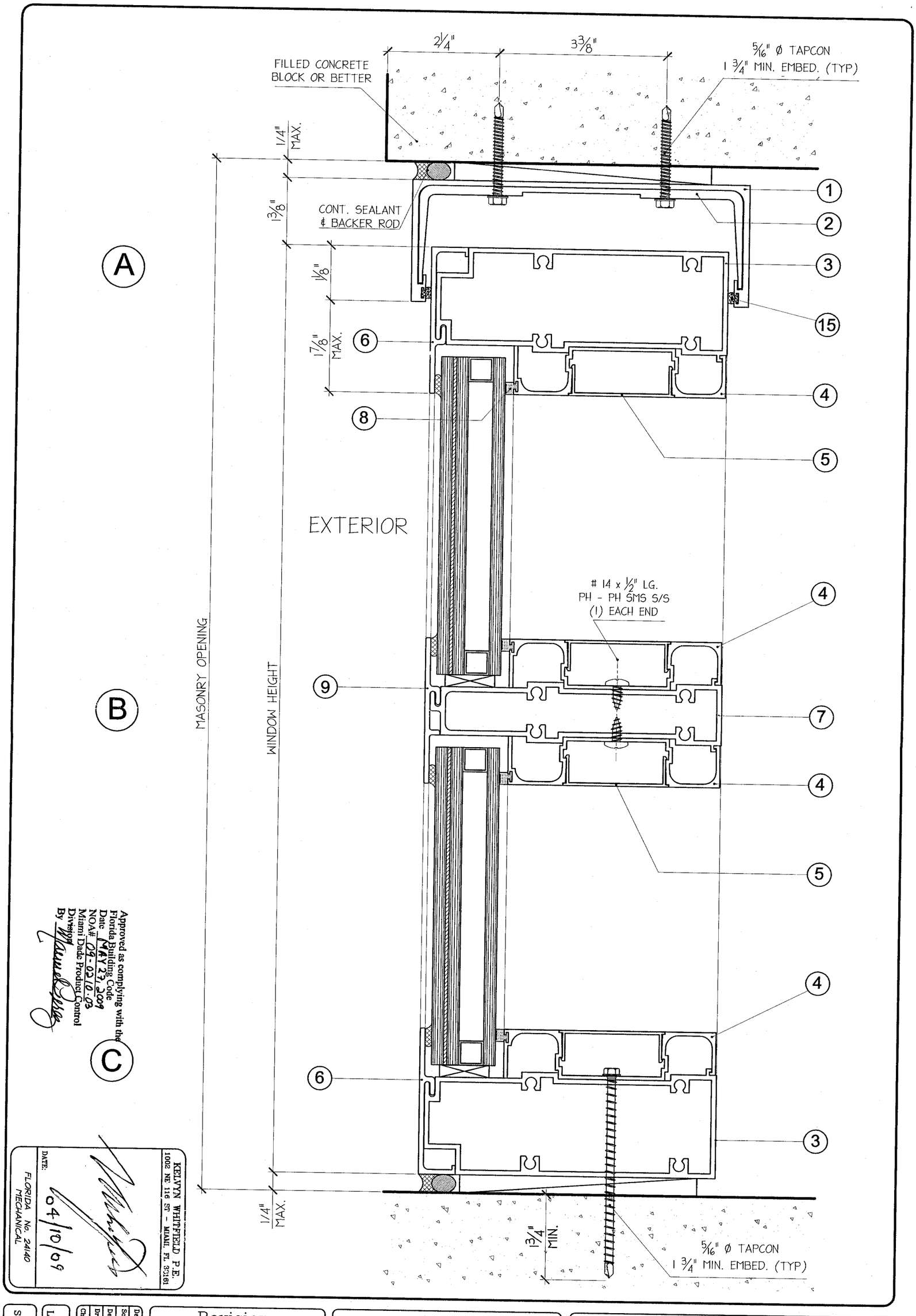
Checked by	G. S.

Drawing No.
LAM-3200-S.M

Sheet 2 of 7



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1002 NE 116 ST - MIAMI, FL 33161
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325 West 74 Place
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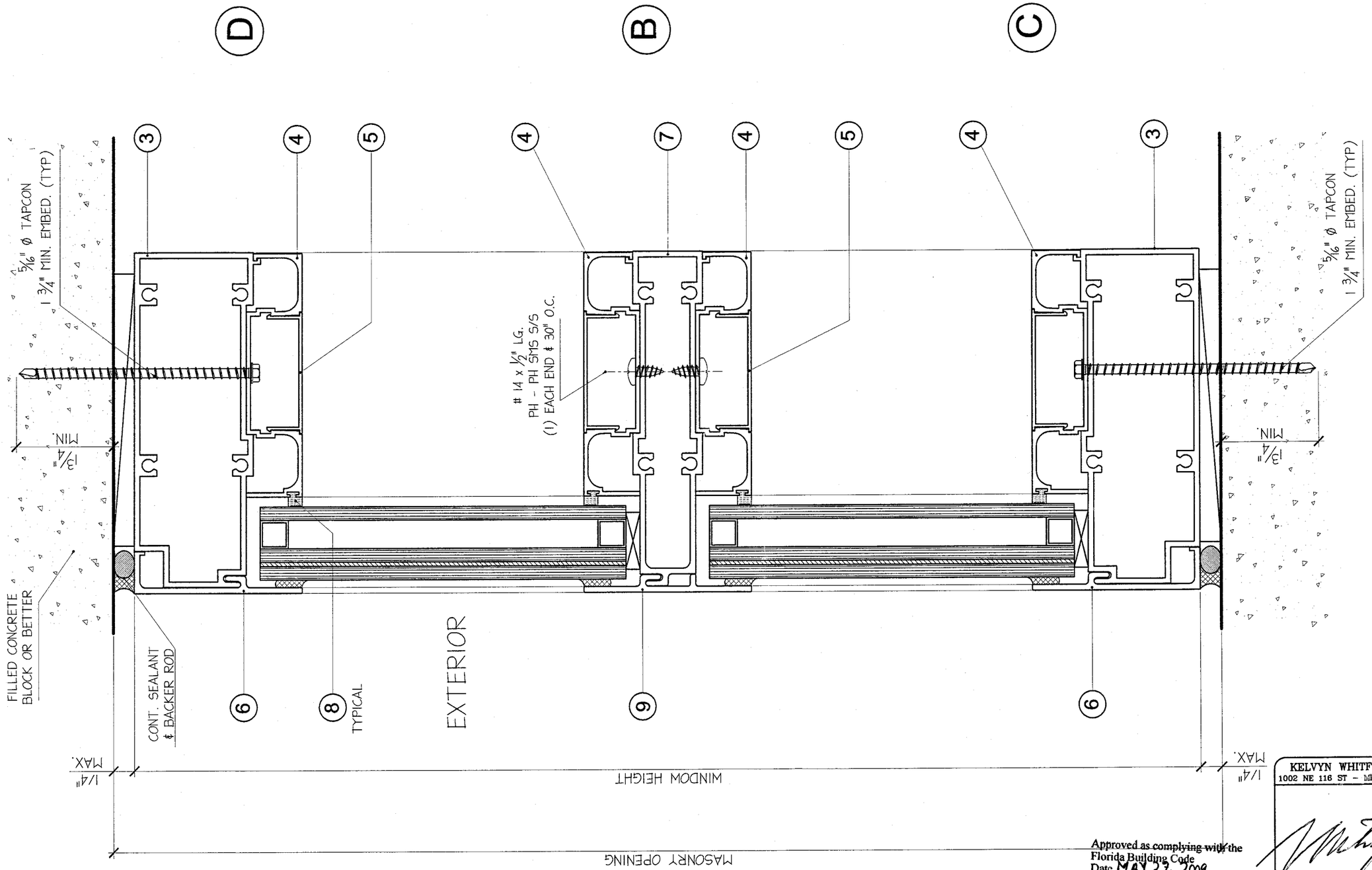
Date	02-05-09
Scale	N.T.S
Design by	G. S.
Drawing by	RICHARD
Checked by	G. S.

Drawing No. LAM-3200-S.M



Approved as complying with the
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Date MAY 27, 2009
NOA# 09-0210.03
Miami Dade Product Control
Division
By Maurel Perez

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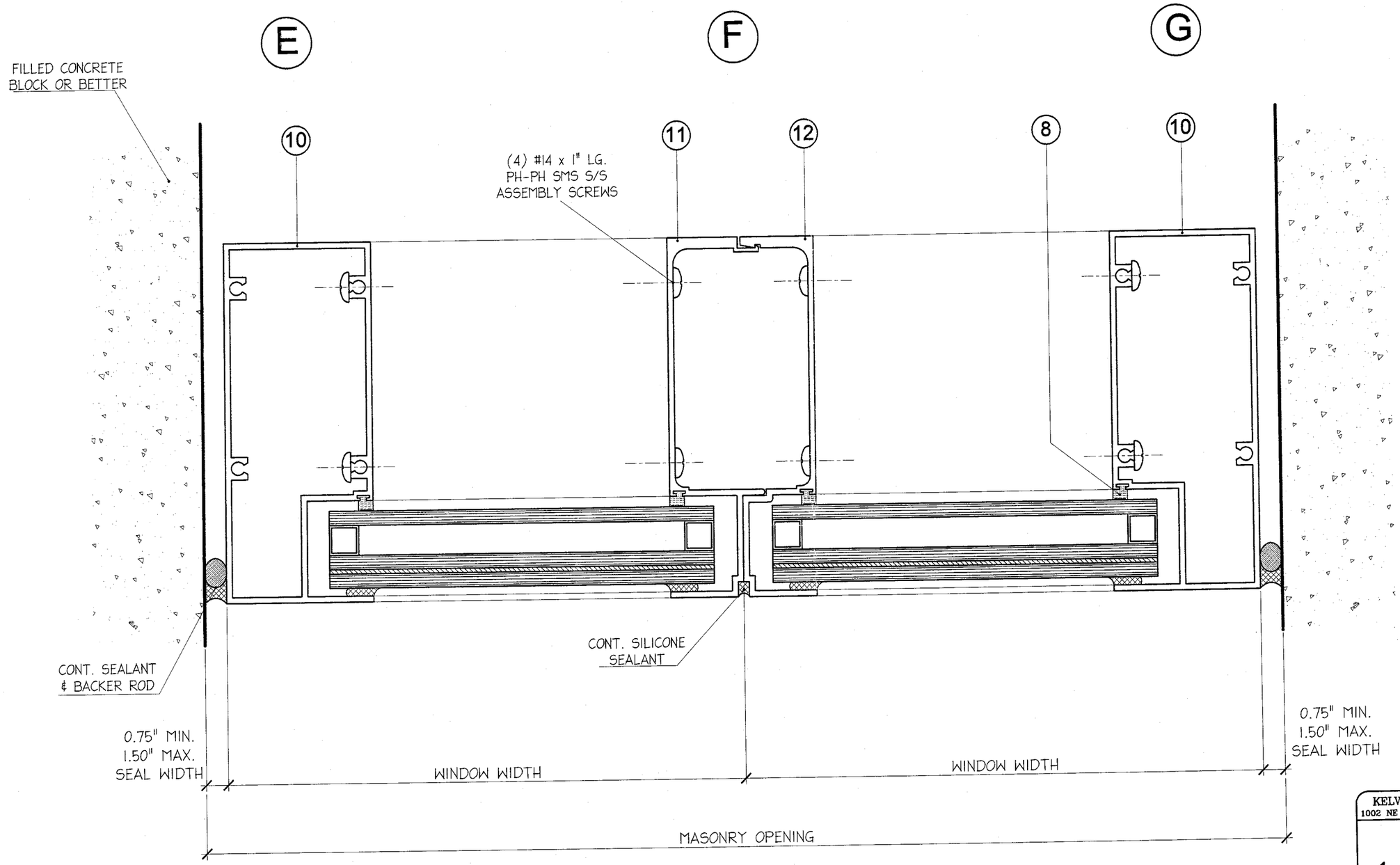
Drawing No.
LAM-3200-S.M

Sheet 4 of 7



NOTES:
1- BACKER ROD DIAMETER EQUALS SEAL WIDTH x 120%
2- SEALANT DEPTH IS 3/8" FOR WIDTH UP TO 1.0" AND 1/2" FOR WIDTH OVER 1.0"

EXTERIOR

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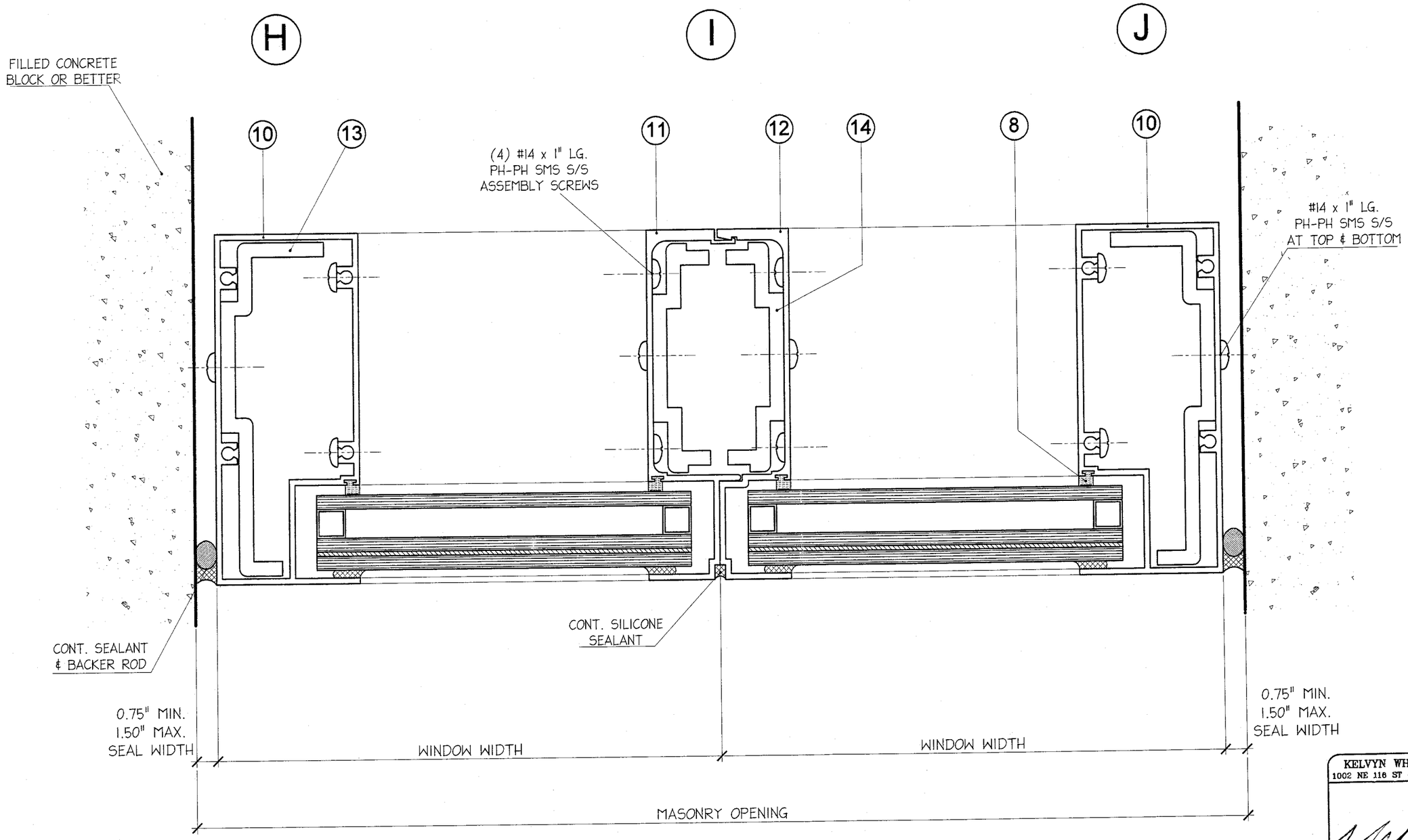
Drawing by	RICHARD
Checked by	G. S.

Drawing No.
LAM-3200-S.M

Sheet 5 of 7



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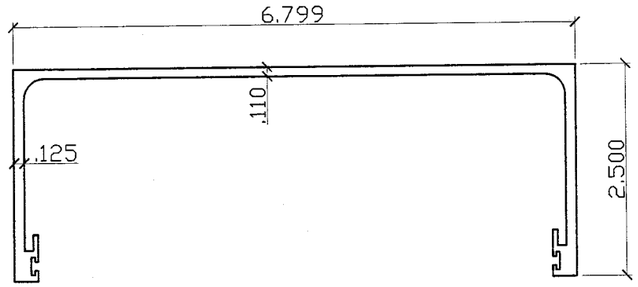
Sheet 6 of 7



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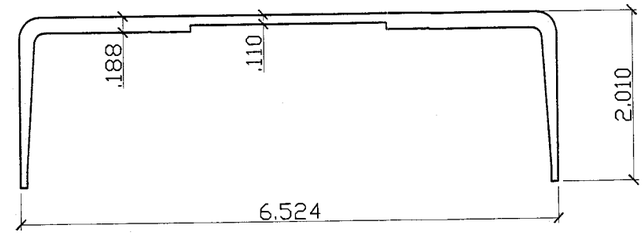

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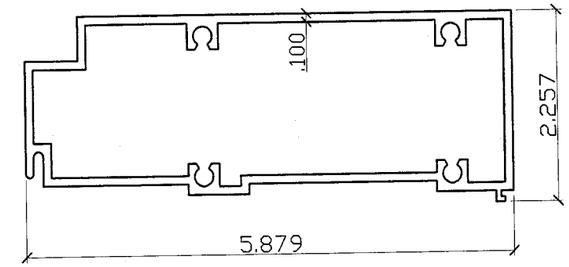

3 TOP & BOTTOM
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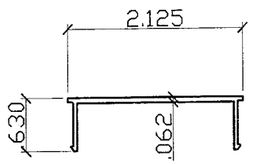
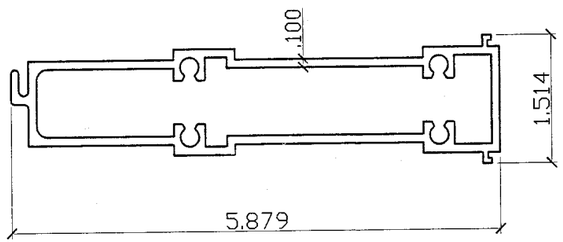


5 COVER
EXT. # 3000-07



7 INTERMEDIATE
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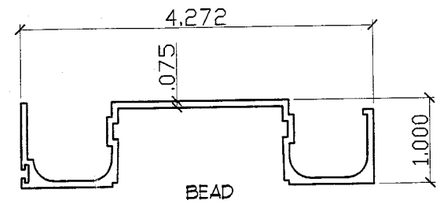
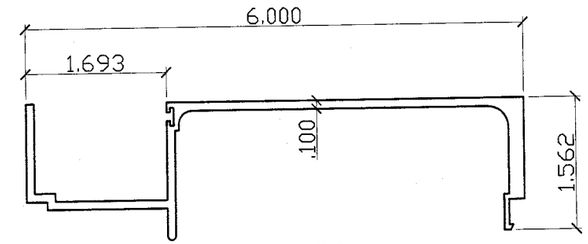


4 BEAD
EXT. # 3200-02



11 MALE
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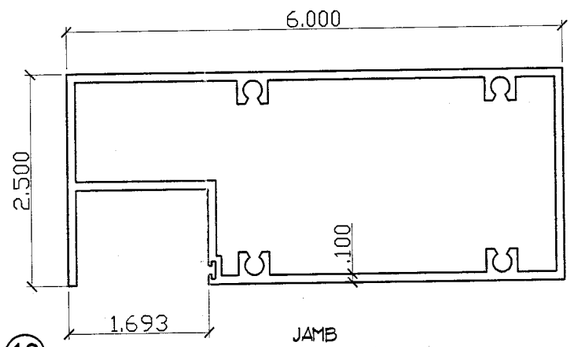

10 JAMB
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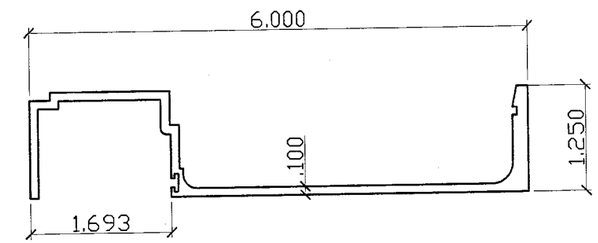
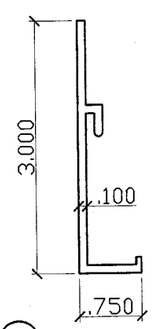
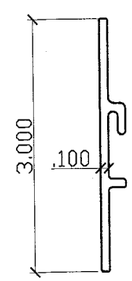


12 FEMALE
EXT. # 3200-06

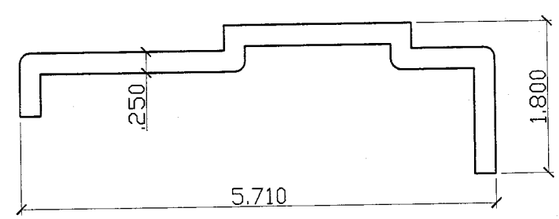
FIXED WINDOW			
ITEM #	PART NUMBER	PART NAME	ALLOY & TEMPERED
1	2000 - 07	RECEPTOR	6005-T5
2	2000 - 16	REINFORCING	6005-T5
3	3200 - 01	TOP & BOTTOM	6005-T5
4	3200 - 02	BEAD	6005-T5
5	3000 - 07	COVER	6005-T5
6	3000 - 09	BEAD	6005-T5
7	3200 - 03	INTERMEDIATE	6005-T5
8	CGS - 01	GLASS SPACER	PROTOTYPE
9	3000 - 11	BEAD	6005-T5
10	3200 - 04	JAMB	6005-T5
11	3200 - 05	MALE	6005-T5
12	3200 - 06	FEMALE	6005-T5
13	3200 - 07	REINFORCING	6005-T5
14	3200 - 08	REINFORCING	6005-T5
15	FP-448-V	VINYL BULB	



6 BEAD
EXT. # 3000-09



9 BEAD
EXT. # 3000-11



13 REINFORCING
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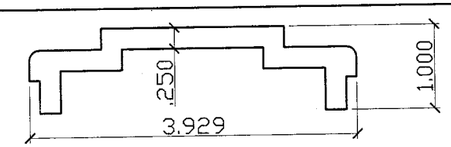

14 REINFORCING
EXT. # 3200-08

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Miami Dade Product Control Division
By Manuel Perez

KELVYN WHITFIELD P.E.
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Sheet 7 of 7