



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

BUILDING CODE COMPLIANCE OFFICE (BCCO)
 PRODUCT CONTROL DIVISION
NOTICE OF ACCEPTANCE (NOA)

C. M. Security Group, Inc.
 19400 Cruickshank Avenue
 Montreal, Quebec H9X 3PI

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 "3033" Aluminum Fixed Windows – S.M.I.

APPROVAL DOCUMENT: Drawing No. FW3033SM, titled "Series 3033 Fixed Windows Small Missile Impact", sheets 1 through 5 of 5, dated 08/20/07 with the latest revision dated 02/14/08, prepared by Bromley-Cook Engineering, Inc., signed and sealed by William D. Cook, 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 pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P.E.**



J. Gascon
 2/20/08

NOA No. 07-0508.01
 Expiration Date: March 13, 2013
 Approval Date: March 13, 2008
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **FW3033SM**, titled "Series 3033 Fixed Windows Small Missile Impact", sheets 1 through 5 of 5, dated 08/20/07 with the latest revision dated 02/14/08, prepared by Bromley-Cook Engineering, Inc., signed and sealed by William D. Cook, P.E.

B. TESTS

1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Small 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 3033 Aluminum Fixed Windows**, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-4826**, dated 01/24/06, signed and sealed by Edmundo Largaespada, 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) Small Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94

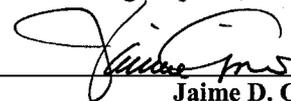
Along with marked-up drawings and installation diagram of **Series 3033 Aluminum Fixed Windows**, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-4782**, dated 01/20/06, signed and sealed by Edmundo Largaespada, P.E.

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) 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 **Series 3033 Aluminum Fixed Windows**, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-4946**, dated 08/04/06, signed and sealed by Edmundo Largaespada, P.E.

4. 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) 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 3033 Aluminum Fixed Windows**, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-4948**, dated 08/11/06, signed and sealed by Edmundo Largaespada, P.E.



Jaime D. Gascon, P.E.

Chief, Product Control Division

NOA No. 07-0508.01

Expiration Date: March 13, 2013

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C. CALCULATIONS

1. Anchor calculations and structural analysis, complying with FBC-2004, Bromley-Cook Engineering, Inc., dated 04/27/07, signed and sealed by William D. Cook, 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. **07-1116.04** issued to E.I. DuPont DeNemours & CO., Inc. for "**DuPont Sentry Glass Plus**" dated January 03, 2008, expiring on January 14, 2012.
2. Notice of Acceptance No. **06-0216.06** issued to Solutia Inc. for their "**Saflex III G Clear or colored interlayer**" dated 05/04/06, expiring on 05/21/11.

F. STATEMENTS

1. Statement letter of compliance, dated April 26, 2007, signed and sealed by William D. Cook, P.E.
2. Statement letter of no financial interest, dated April 26, 2007, signed and sealed by William D. Cook, P.E.
3. Laboratory compliance letter for Test Report no. **FTL-4826**, issued by Fenestration Testing Laboratory, Inc., dated April 24, 2006, signed and sealed by Edmundo Largaespada, P.E.
4. Laboratory compliance letter for Test Report no. **FTL-4782**, issued by Fenestration Testing Laboratory, Inc., dated May 16, 2006, signed and sealed by Edmundo Largaespada, P.E.
5. Laboratory compliance letter for Test Report no. **FTL-4946**, issued by Fenestration Testing Laboratory, Inc., dated August 25, 2006, signed and sealed by Edmundo Largaespada, P.E.
6. Laboratory compliance letter for Test Report no. **FTL-4948**, issued by Fenestration Testing Laboratory, Inc., dated August 24, 2006, signed and sealed by Edmundo Largaespada, P.E.

G. OTHER

1. None



Jaime D. Gascon, P.E.

Chief, Product Control Division

NOA No. 07-0508.01

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CM SECURITY SERIES 3033 FIXED WINDOW - S.M.I.

C.M. SECURITY GROUP - FAR-WIC
 19400 CRUICKSHANK
 MONTREAL, QC.
 CANADA H9X 3P1
FARWIC SYSTEMS TEL. (514) 457-6650
 FAX. (514) 457-4302
 1 800 465-CMSG

E-Mail:
 engineering@cmsecurity.com

REV.	DATE	DESCRIPTION	BY

ENGINEER:
BROMLEY-COOK ENGINEERING, INC.
 5440 N.W. 33RD AVENUE SUITE 100
 FT. LAUDERDALE, FL 33309
 PH. 954-772-4624
 FAX. 954-772-4634

SEAL: **WILLIAM D. COOK PE, SECB**



FEB 14 2008
 FL P.E. #43904
 FL S.I. #2008

DRAWING TITLE
**SERIES 3033, FIXED WINDOW
 SMALL MISSILE IMPACT**

DATE 2007-8-20	DRAWING SCALE 1:20
DRAWN BY CR	CHECKED BY
DRAWING NO. FW3033SM	PAGE NO. 1 OF 5

NOTES:

WINDOW RATED FOR SMALL MISSILE IMPACT.
 -SHUTTERS REQUIRED FOR WINDOWS INSTALLED UP TO 30' ABOVE GRADE.
 -NO SHUTTERS REQUIRED FOR WINDOWS INSTALLED OVER 30' ABOVE GRADE.

-THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE.

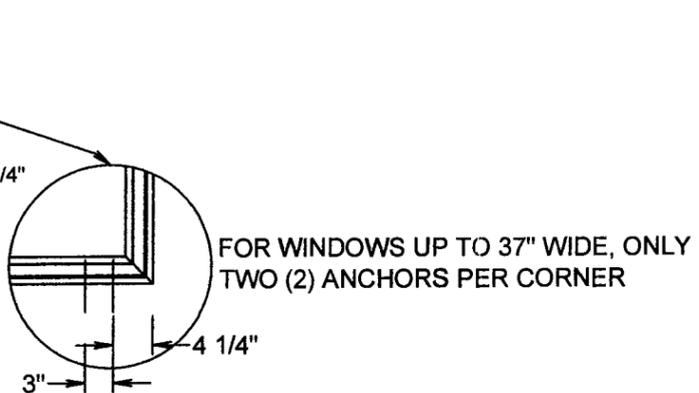
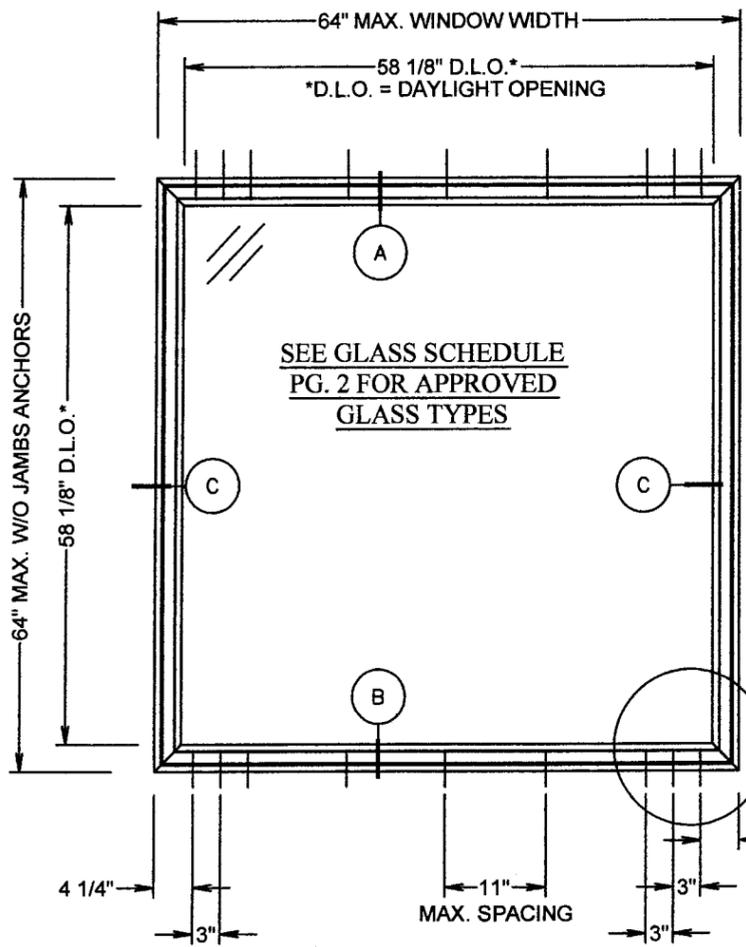
-WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

-ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

-ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

-A 33% INCREASE IN ALLOWABLE STRESS NOT USED IN ANALYSIS..

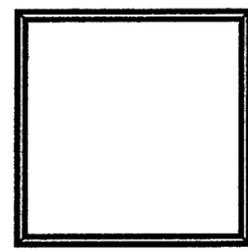
-ALL STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED OR PLATED.
 PER FBC SECTION 2003.2.4.



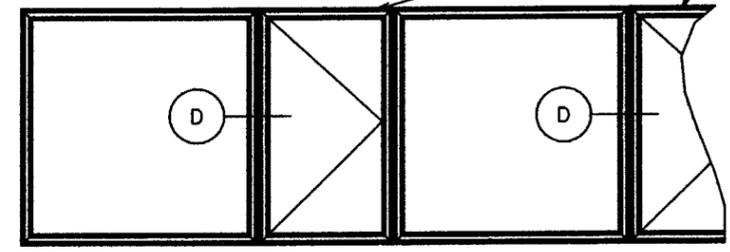
**TYPICAL ELEVATION
 NO JAMB ANCHORS**

**SERIES 3033 ALUMINUM FIXED WINDOWS
 FLANGED OR EQUAL LEG**

APPROVED CONFIGURATIONS: NO MULLION REQUIRED UP TO 64" TALL

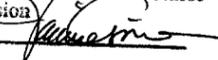


INDIVIDUAL



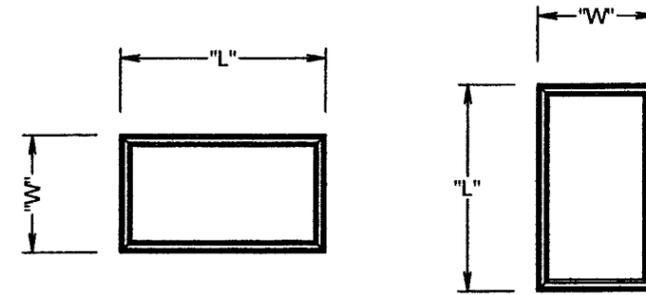
**MULTIPLE UNITS
 FIXED OR CASEMENT
 (ANY CONFIGURATION)**

SEE SEPARATE
 N.O.A. FOR CMSG
 SERIES 3033 CASEMENT

Approved as complying with the
 Florida Building Code
 Date 03/13/2008
 NOA# 07-0508.01
 Miami Dade Product Control
 Division
 By 

DESIGN LOAD CHART - PSF

WINDOW DIMENSIONS		GLASS TYPE (A)		GLASS TYPE (B)		GLASS TYPE (C)		GLASS TYPE (D)	
WIDTH (W)	LENGTH (L)	EXT (+)	INT (-)						
26 1/2"	62 3/4"	140	140	140	140	140	140	160	160
35 3/4"		140	140	140	140	140	140	160	160
37"		140	140	140	140	-	-	-	-
53 1/8"		140	140	140	140	-	-	-	-
63 15/16"		140	140	140	140	-	-	-	-
26 1/2"	64"	140	140	140	140	-	-	-	-
35 3/4"		140	140	140	140	-	-	-	-
37"		140	140	140	140	-	-	-	-
53 1/8"		140	140	140	140	-	-	-	-
63 15/16"		140	140	140	140	-	-	-	-
64"		140	140	140	140	-	-	-	-



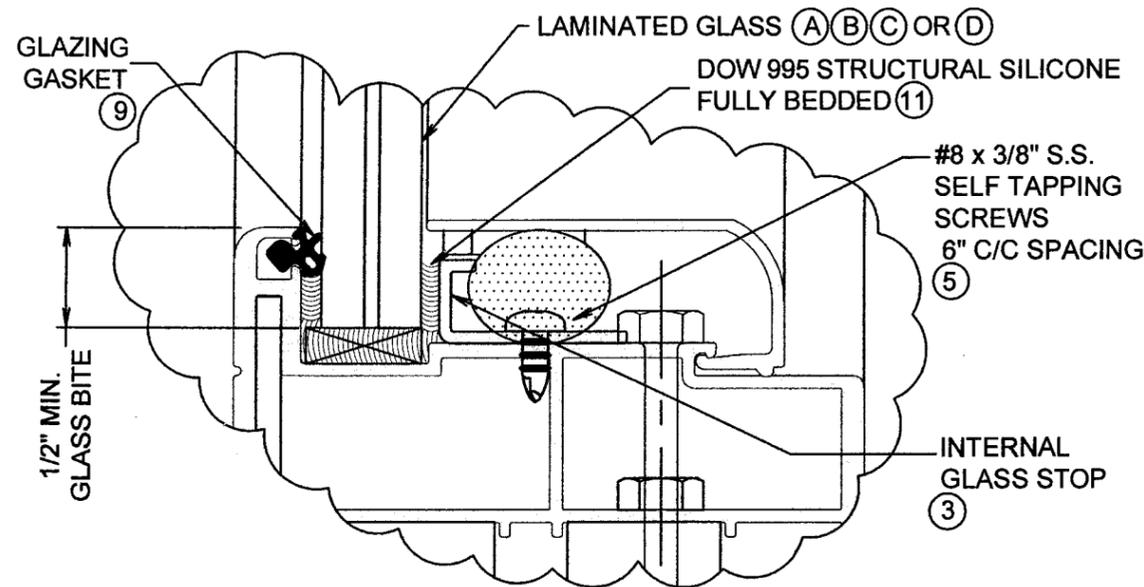
WINDOW DIMENSIONS CAN BE ORIENTED VERTICALLY OR HORIZONTALLY

GLASS TYPES / SMALL MISSILE IMPACT

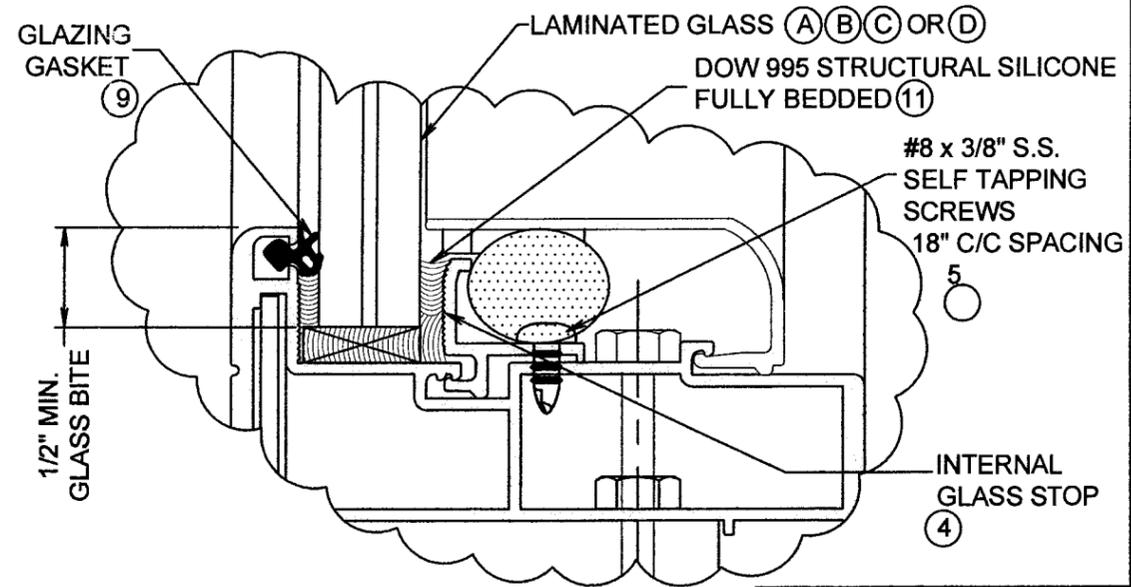
(A)	9/16" LAMINATED	1/4" H.S. + 0.075 SAFLEX (PVB) + 1/4" H.S.
(B)	9/16" LAMINATED	1/4" H.S. + 0.090 SAFLEX (PVB) + 1/4" H.S.
(C)	7/16" LAMINATED	3/16" H.S. + 0.090 SGP + 3/16" H.S.
(D)	1/2" LAMINATED	5/32" H.S. + 0.075 SAFLEX PVB + 1/4" H.S.

NOTE: GLASS LOADS BASED ON TESTING AND ASTM E1300-02

SEE CHART FOR ALLOWABLE PRESSURES AND SIZES



GLAZING DETAIL



ALTERNATE GLAZING DETAIL

Approved as complying with the Florida Building Code
 Date 03/13/2008
 NOA# 07-0508.01
 Miami Dade Product Control Division
 By [Signature]

C.M. SECURITY GROUP - FAR-WIC
 19400 CRUICKSHANK
 MONTREAL, QC.
 CANADA H9X 3P1
FARWIC SYSTEMS
 TEL. (514) 457-6650
 FAX. (514) 457-4302
 1 800 465-CMSG

E-Mail: engineering@cmsecurity.com

REV.	DATE	DESCRIPTION	BY

ENGINEER:
BROMLEY-COOK ENGINEERING, INC.
 5440 N.W. 33RD AVENUE SUITE 100
 FT. LAUDERDALE, FL 33309
 PH. 954-772-4624
 FAX. 954-772-4634

SEAL: WILLIAM D. COOK PE, SECB

FEB 14 2008

FL P.E. #43904
 FL S.I. #2008

DRAWING TITLE
**SERIES 3033, FIXED WINDOW
 SMALL MISSILE IMPACT**

DATE 2007-8-20	DRAWING SCALE 1:2
DRAWN BY CR	CHECKED BY
DRAWING NO. FW3033SM	PAGE NO. 2 OF 5

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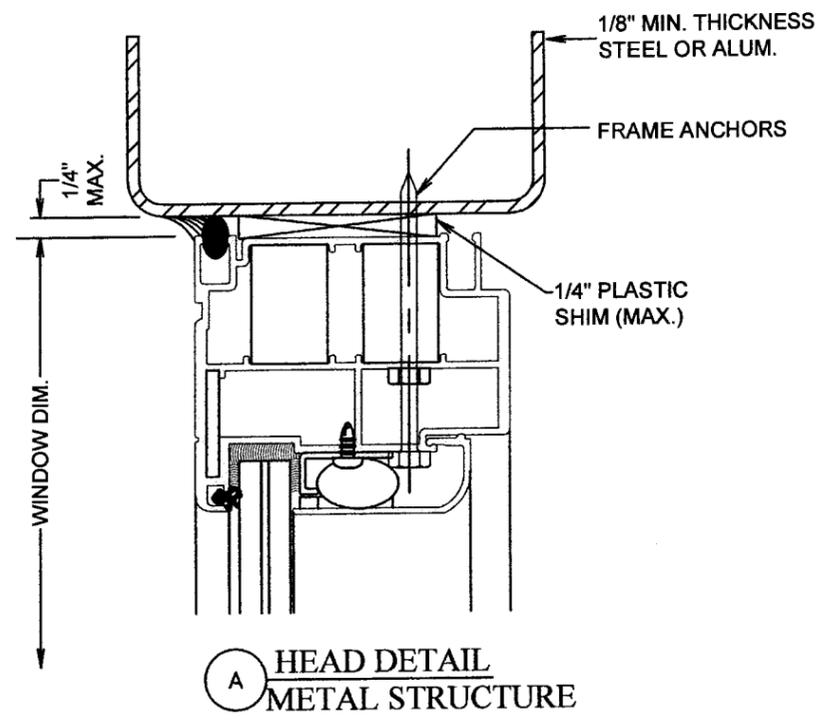
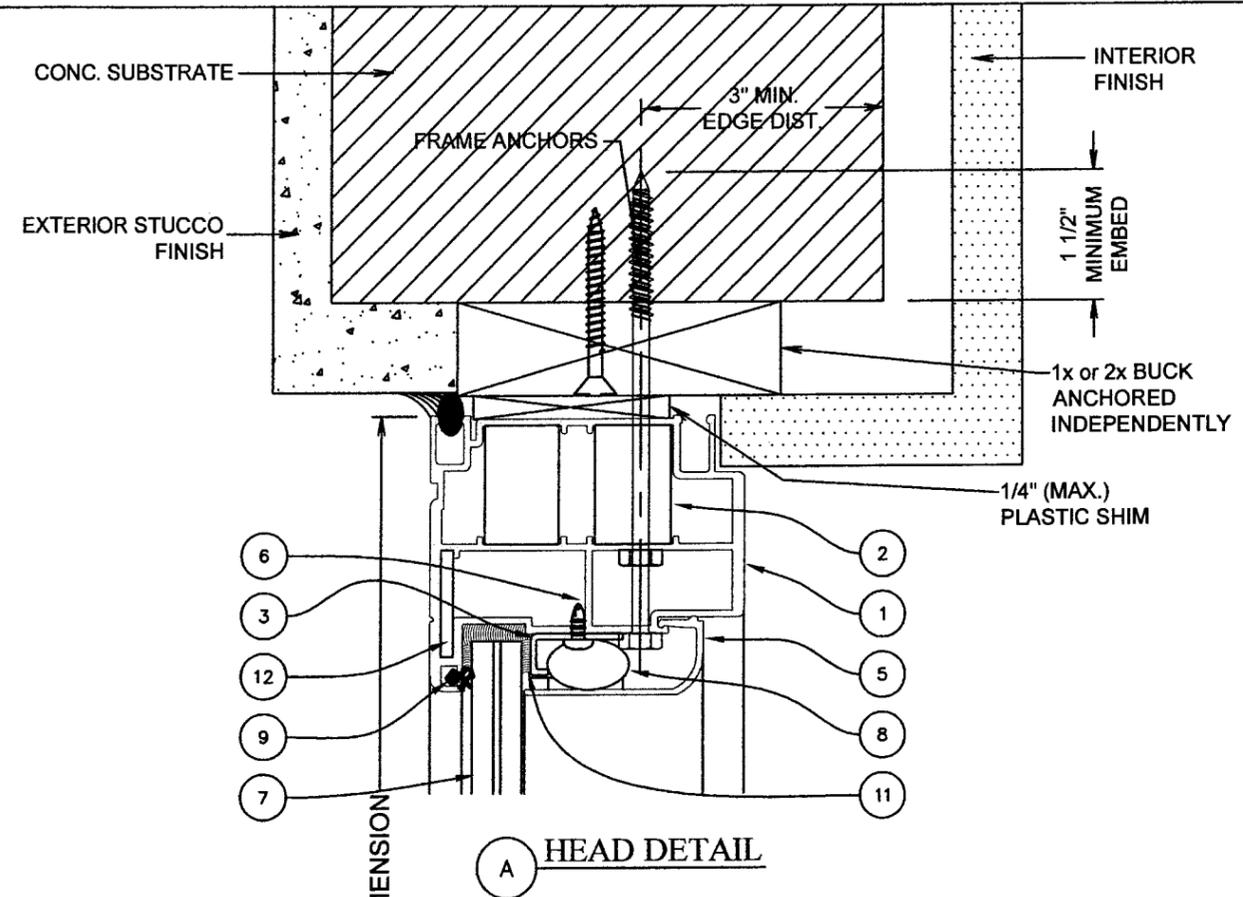
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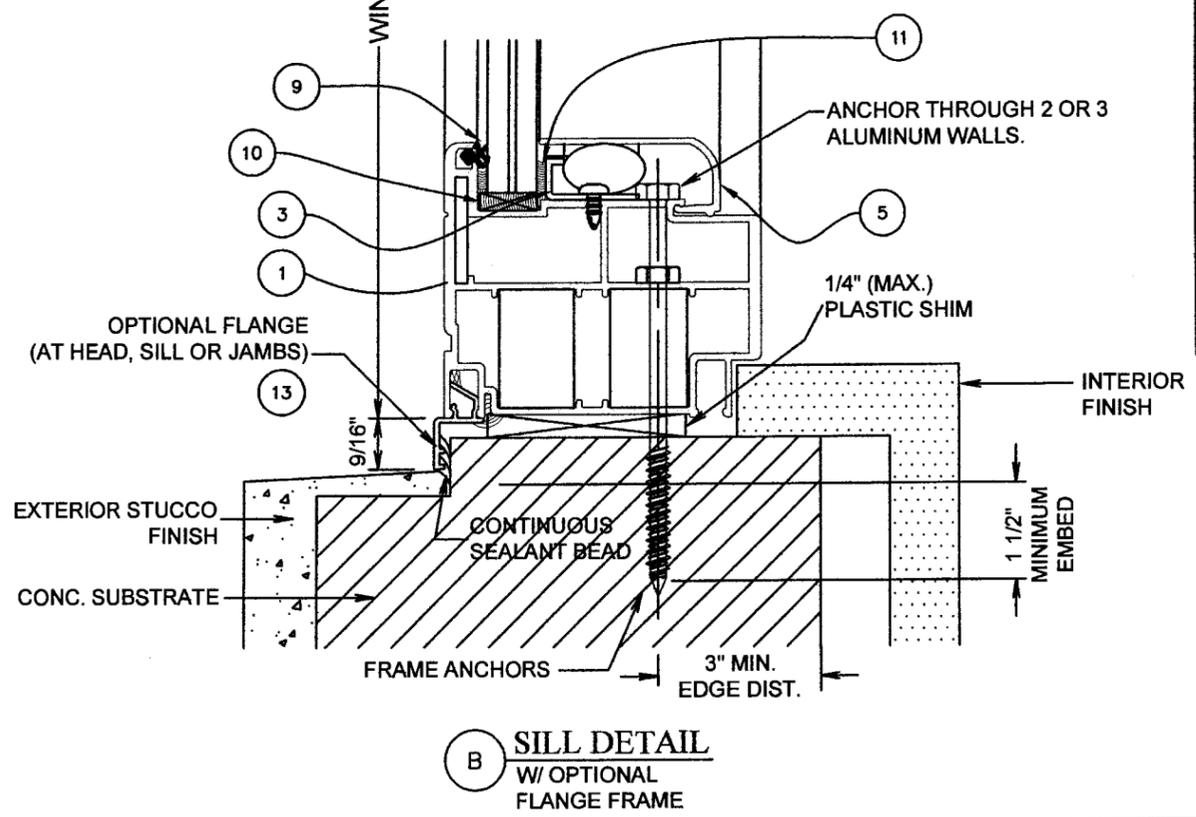


ANCHOR TYPE SCHEDULE:

SUBSTRATE	ANCHOR TYPE
CONCRETE OR GROUT FILLED MASONRY.	1/4 TAPCONS THRU 1X OR 2X BUCKS DIRECTLY INTO 3000 PSI CONCRETE 1-1/2" MIN. EMBED INTO CONCRETE. PROVIDE 2 1/2" MIN. EDGE DISTANCE.
CONCRETE OR GROUT FILLED MASONRY.	1/4" TAPCONS - TYPICAL AT JAMBS THRU 1X OR 2X BUCKS INTO GROUT FILLED MASONRY. 1 3/4" MIN. EMBED. PROVIDE 2 1/2" MIN. EDGE DISTANCE.
A-36 STEEL OR ALUMINUM.	1/4" TEKS OR SELF DRILLING SCREWS INTO METAL STRUCTURES (1/8" MIN. THICKNESS) OR INTO DADE COUNTY APPROVED MULLIONS.

SEALANT
 ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SPECTREM 2 SILICONE

Approved as complying with the Florida Building Code
 Date 03/13/2008
 NOA# 07-0508.01
 Miami Dade Product Control
 Division
 By *[Signature]*



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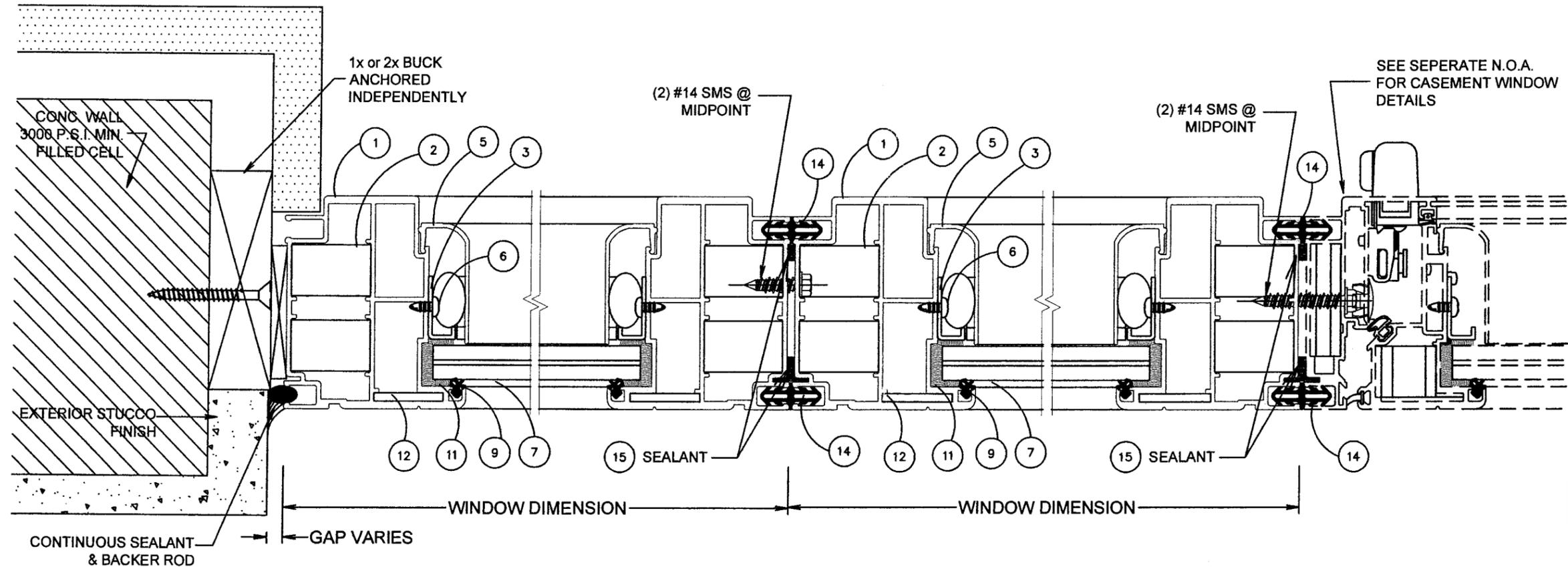
FEB 11 2008

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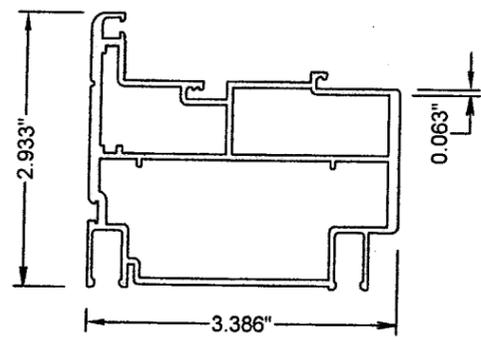


(C) JAMB DETAIL
 W/O JAMB ANCHORS

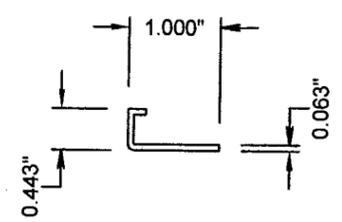
(D) MULLED WINDOWS
 FIXED / FIXED
 (NO MULLION)

(D) MULLED WINDOWS
 FIXED / OPERABLE
 (NO MULLION)

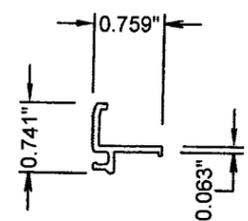
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 By *[Signature]*



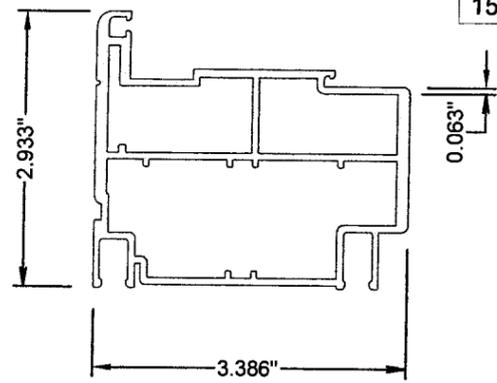
1 MAIN FRAME FIXED 865 FFX
ALUMINUM 6063-T5



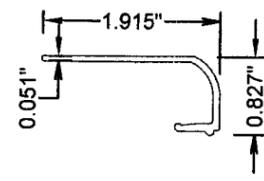
3 GLASS STOP 516 FXB
ALUMINUM 6063-T5



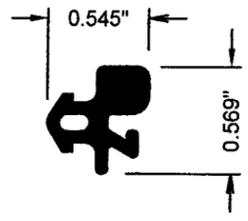
4 GLASS STOP 516 FFX
ALUMINUM 6063-T5



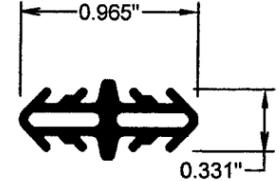
1 MAIN FRAME FIXED 865 FFX (OPTIONAL)
ALUMINUM 6063-T5



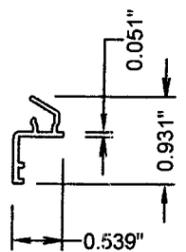
5 GLASS STOP CAP 517 FFX
ALUMINUM 6063-T5



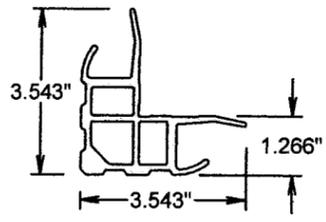
9 EPDM GASKET #40.00.806



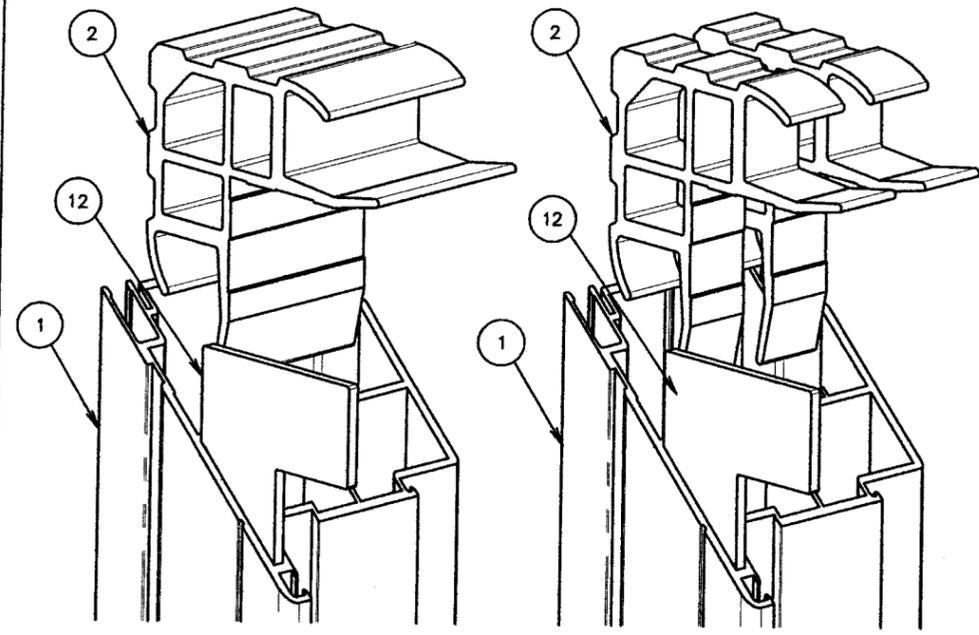
14 EPDM GASKET



13 WINDOW LIP/FLANGE 014 FXA
ALUMINUM 6063-T5



2 CRIMPED CORNER 11.00.389
ALUMINUM 6063-T5



CRIMPED CORNER DETAILS

NO.	COMPONENT	MATERIAL	SUPPLIER	QTY.
1	FRAME (EXTRUSION #865-FXF)	ALUM. 6063-T5	INDALEX	4
2	CRIMPED CORNER 11.00.389	ALUM. 6063-T5	INDALEX	8
3	INTERNAL GLASS STOP (EXTRUSION #516-FXB)	ALUM. 6063-T5	INDALEX	4
4	INTERNAL GLASS STOP (EXTRUSION #516-FXF)	ALUM. 6063-T5	INDALEX	4
5	GLASS STOP CAP (EXTRUSION #517-FXF)	ALUM. 6063-T5	INDALEX	4
6	SELF TAPPING SCREW #8 x 3/8 LG.	SST	FABORY	40
7	LAMINATED GLASS, SEE GLASS TABLE - PAGE 2	GLASS	APPROVED MANUFACTURER	1
8	1 1/4" LG. x Ø3/4" NEOPRENE CORD SPACED 24" C/C	FOAM	DISTRIBUTION MONT-ROYAL	24
9	GLAZING GASKET 40.00.806	EPDM	RENKO	1
10	SETTING BLOCK	SILICONE	C.R. LAURENCE	2
11	SILICONE DOW CORNING 995 STRUCTURAL	SILICONE	DOW CORNING	
12	FLAT CORNER 10 GA.	SST	CMSSG	4
13	WINDOW LIP/FLANGE (EXTRUSION #014-FXA)	ALUM. 6063-T5	INDALEX	4
14	GASKET	EPDM	RENKO	
15	SILICONE SEALANT (PERIMETER SEALANT)	SILICONE	DOW OR SIM	

C.M. SECURITY GROUP - FAR-WIC
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MONTREAL, QC.
CANADA H9X 3P1
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FAX. (514) 457-4302
1 800 465-CMSG



E-Mail:
engineering@cmsecurity.com

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FT. LAUDERDALE, FL 33309
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