



**MIAMI-DADE COUNTY**  
**BUILDING CODE COMPLIANCE OFFICE (BCCO)**  
**PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA**  
**METRO-DADE FLAGLER BUILDING**  
**140 WEST FLAGLER STREET, SUITE 1107**  
**MIAMI, FLORIDA 33130-1563**  
**(305) 375-2902 FAX (305) 372-6339**

**NOTICE OF ACCEPTANCE (NOA)**

**[www.maimidade.gov/buildingcode](http://www.maimidade.gov/buildingcode)**

**Sunshine Windows Manufacturing, Inc.**  
**1745 West 33<sup>rd</sup> Place**  
**Hialeah, FL 33012**

**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 "2000" Aluminum Single Hung Window – N. I.**

**APPROVAL DOCUMENT:** Drawing No. **SH08-02**, titled "Series 2000 Aluminum Single Hung Window Non-Impact Resistant Glass", sheets 1 through 6 of 6, dated 04/14/08, prepared by manufacturer, signed, sealed and dated 02/12/10 by Francisco Hernandez, 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: None.**

**LIMITATIONS:** Miami-Dade County Product Control Approved Shutters Or Protection Devices Shall Be Required.

**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 No. **08-0331.06** 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 **Jaime D. Gascon, P. E.**



*J. Gascon*  
*3/30/10*

**NOA No. 10-0222.05**  
**Expiration Date: May 8, 2013**  
**Approval Date: April 21, 2010**  
**Page 1**

**Sunshine Windows Manufacturing, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No **SH08-02**, Sheets 1 through 6 of 6, titled "Series 2000 Aluminum Single Hung Window Non-Impact Resistant Glass", dated 04/14/08, prepared by manufacturer, signed, sealed and dated 02/12/10 by Francisco Hernandez, 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) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94  
along with marked-up drawings and installation diagram of series 2000 aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5124**, dated 08/27/07, signed and sealed by Carlos S. Rionda, P. E.  
*(Submitted under previous NOA No. 07-0119.07)*

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) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94  
along with marked-up drawings and installation diagram of series 2000 aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5127**, dated 03/28/07, signed and sealed by Michael Wenzel, P. E.  
*(Submitted under previous NOA No. 07-0119.07)*

**C. CALCULATIONS**

1. Statement letter of calculations complying with the FBC-2007, dated February 12, 2010, signed and sealed by Francisco Hernandez, P. E.
2. Anchor verification calculations and structural analysis, complying with FBC-2004, prepared by manufacturer, dated March 15, 2008, signed and sealed by Francisco Hernandez, P. E.  
**Complies with ASTM E1300-02**  
*(Submitted under previous NOA No. 07-0119.07)*

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. None.



**Jaime D. Gascon, P. E.**  
**Chief, Product Control Division**  
**NOA No. 10-0222.05**  
**Expiration Date: May 8, 2013**  
**Approval Date: April 21, 2010**

**Sunshine Windows Manufacturing, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**F. STATEMENTS**

1. Statement letter of compliance, dated February 12, 2010, signed and sealed by Francisco Hernandez, P. E.
2. Statement letter of conformance, dated March 18, 2008, signed and sealed by Francisco Hernandez, P. E.  
*(Submitted under previous NOA No. 07-0119.07)*
3. Statement letter of no financial interest, dated March 18, 2008, signed and sealed by Francisco Hernandez, P. E.  
*(Submitted under previous NOA No. 07-0119.07)*
4. Laboratory compliance letter for Test Report No. **FTL-5124** issued by Fenestration Testing Laboratory, Inc., dated September 21, 2007, signed and sealed by Carlos S. Rionda, P. E.  
*(Submitted under previous NOA No. 07-0119.07)*
5. Laboratory compliance letter for Test Report No. **FTL-5127** issued by Fenestration Testing Laboratory, Inc., dated August 13, 2007, signed and sealed by Michael Wenzel, P. E.  
*(Submitted under previous NOA No. 07-0119.07)*

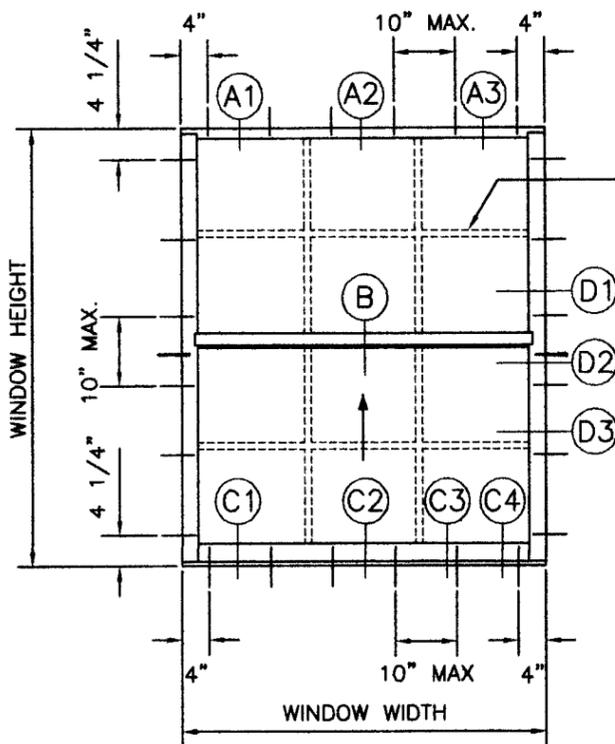
**G. OTHERS**

1. Notice of Acceptance No. **08-0331.06**, issued to Sunshine Windows Manufacturing, Inc. for their Series "**2000 Aluminum Single Hung Window - N. I.**", approved on 05/08/08 and expiring on 05/08/13.



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**Jaime D. Gascon, P. E.**  
**Chief, Product Control Division**  
**NOA No. 10-0222.05**  
**Expiration Date: May 8, 2013**  
**Approval Date: April 21, 2010**



TYPICAL ELEVATION 1 OVER 1

**GENERAL NOTES: NON IMPACT SINGLE HUNG WINDOW.**

- 1.- FOR NUMBER OF ANCHORS FOR EACH UNIT SIZE REFER TO DESIGN PRESSURE CHART.
- 2.- REFERENCES: TESTS REPORTS FTL-5127 AND FTL-5124.
- 3.- THIS PRODUCT MEETS THE REQUIREMENTS OF THE 2007 FLORIDA BUILDING CODE
- 4.- FASTENERS MUST BE MADE OF STAINLESS STEEL OR HAVE ADEQUATE PROTECTION AGAINST CORROSION AS PER DIN 50018. ALUMINUM CONTACTING METALS SHALL BE PROPERLY PROTECTED.

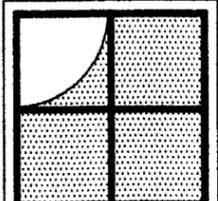
**MIAMI-DADE IMPACT RESISTANT SHUTTERS ARE REQUIRED**

DESIGN PRESSURE CHART - PSF											
SERIES-2000 ALUMINUM SINGLE HUNG WINDOW											
HURRICANE PROTECTION IS REQUIRED											
WINDOW DIMENSION		1/4" TAPCONS ANCHOR SCHEDULE		LIGHT DUTY							
				DESIGN PRESSURE - PSF							
				DSB-ANN. GLASS		3/16" ANN. GLASS		1/4" ANN. GLASS		1/4" TEMP. GLASS	
WIDTH	HEIGHT	PER HEAD AND SILL	PER JAMB	EXT.	INT.	EXT.	INT.	EXT.	INT.	EXT.	INT.
19 1/8"	26"	3	3	75.3	204.0	75.3	210.0	75.3	210.0	75.3	210.0
26 1/2"		3		75.3	146.0	75.3	200.2	75.3	210.0	75.3	210.0
37"		4		75.3	121.8	75.3	121.8	75.3	171.7	75.3	171.7
53 1/8"		6		75.3	76.0	75.3	76.0	75.3	154.0	75.3	154.0
19 1/8"	38 3/8"	3	4	75.3	130.0	75.3	194.4	75.3	194.4	75.3	194.4
26 1/2"		3		75.3	88.0	75.3	160.9	75.3	160.9	75.3	160.9
37"		4		58.2	58.2	75.3	93.3	75.3	145.7	75.3	145.7
53 1/8"		6		42.5	42.5	55.5	55.5	75.3	112.4	75.3	112.4
19 1/8"	50 5/8"	3	6	75.3	93.2	75.3	200.0	75.3	204.6	75.3	204.6
26 1/2"		3		74.0	74.0	75.3	130.0	75.3	162.2	75.3	162.2
37"		4		50.6	50.6	75.3	81.2	75.3	124.0	75.3	135.2
53 1/8"		6		30.7	30.7	45.6	45.6	75.3	87.1	75.3	92.3
19 1/8"	63"	3	7	73.0	73.0	75.3	163.0	75.3	183.5	75.3	183.5
26 1/2"		3		58.8	58.8	75.3	102.0	75.3	141.0	75.3	142.2
37"		4		45.5	45.5	73.8	73.8	75.3	95.8	75.3	113.9
53 1/8"		6		30.2	30.2	40.0	40.0	62.6	62.6	75.3	96.9
19 1/8"	74 1/4"	3	8	60.8	60.8	75.3	143.0	75.3	173.2	75.3	173.2
26 1/2"		3		48.6	48.6	75.3	84.2	75.3	120.0	75.3	132.6
37"		4		40.0	40.0	63.5	63.5	75.3	82.1	75.3	103.9
53 1/8"		6		-	-	-	-	55.8	55.8	75.0	75.0

PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No 10-0227.02  
 Expiration Date 05/08/2013  
 By *[Signature]*  
 Miami Dade Product Control  
 Division

*[Signature]*  
 2-12-10

FRANCISCO HERNANDEZ  
 FLORIDA PE # 51393



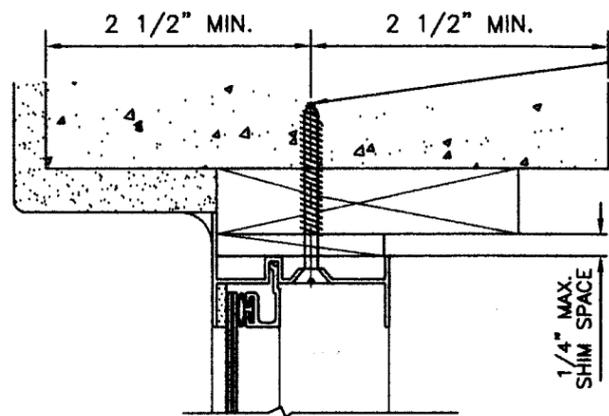
Sunshine Windows  
 Manufacturing, Inc.  
 1745 W. 33rd Place  
 Hialeah, Florida 33012  
 Ph: (305)364-9952  
 Fax: (305)828-5118

SERIES 2000 ALUMINUM  
 SINGLE HUNG WINDOW  
 NON-IMPACT RESISTANT GLASS

Drawn By: FH  
 Date: 4-14-08  
 Scale: 1/2"=1'  
 Revision: 2-12-10

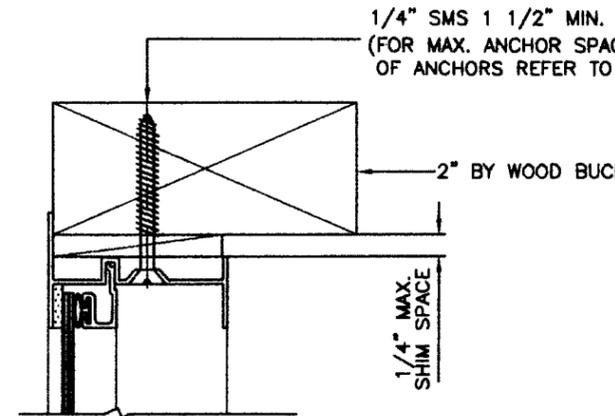
DRAWING NO.  
 SH08-02

SHEET  
 1 OF 6



**DETAIL A1**  
**ATTACHMENT TO MASONRY**

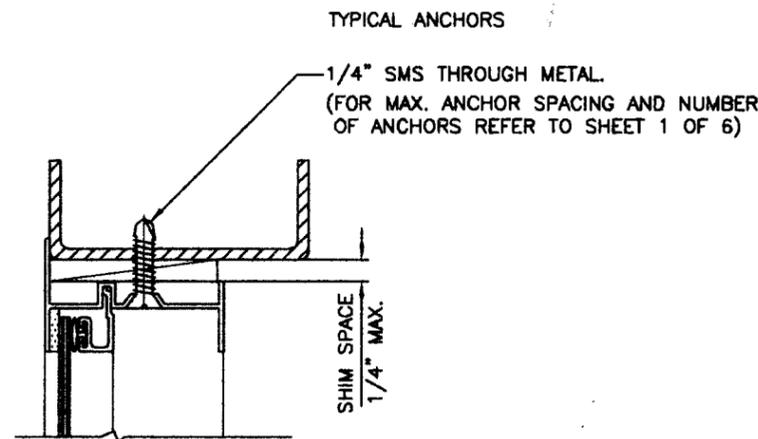
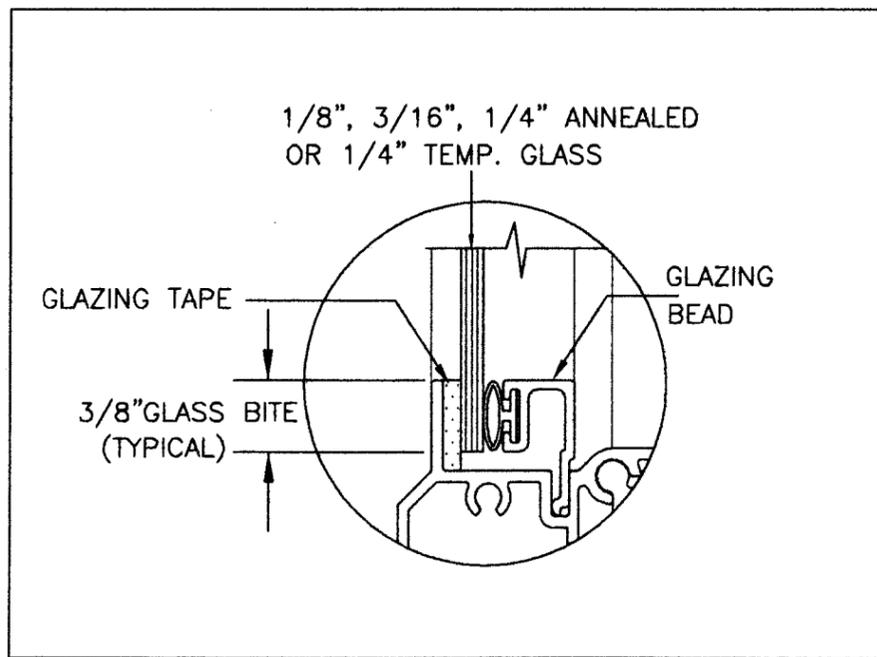
TYPICAL ANCHORS  
1/4" TAPCONS 1 1/4" MIN. EMBEDMENT INTO MASONRY THROUGH 1" BY WOOD BUCK (FOR MAX. ANCHOR SPACING AND NUMBER OF ANCHORS REFER TO SHEET 1 OF 6)



**DETAIL A2**  
**ATTACHMENT TO WOOD**

TYPICAL ANCHORS  
1/4" SMS 1 1/2" MIN. PENETRATION INTO WOOD. (FOR MAX. ANCHOR SPACING AND NUMBER OF ANCHORS REFER TO SHEET 1 OF 6)

**GLAZING DETAIL**



**DETAIL A3**  
**ATTACHMENT TO METAL STRUCTURE DETAIL**  
(STEEL OR ALUMINUM 1/8" MIN. THICKNESS)

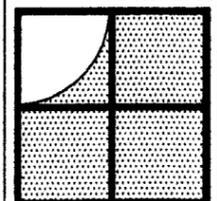
TYPICAL ANCHORS  
1/4" SMS THROUGH METAL. (FOR MAX. ANCHOR SPACING AND NUMBER OF ANCHORS REFER TO SHEET 1 OF 6)

**TYPICAL HEAD SECTIONS**

PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No. 10-0222-05  
Expiration Date 05/08/2013  
By *[Signature]*  
Miami Trade Product Control Division

*[Signature]*  
2-12-10

FRANCISCO HERNANDEZ  
FLORIDA PE # 51393



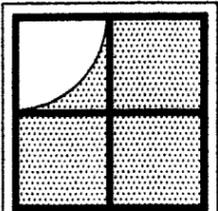
Sunshine Windows Manufacturing, Inc.  
1745 W. 33rd Place  
Hialeah, Florida 33012  
Ph: (305)364-9952  
Fax: (305)828-5118

**SERIES 2000 ALUMINUM  
SINGLE HUNG WINDOW  
NON-IMPACT RESISTANT GLASS**

Drawn By: FH  
Date: 4-14-08  
Scale: 1/2"=1'  
Revision: 2-12-10  
Revision:

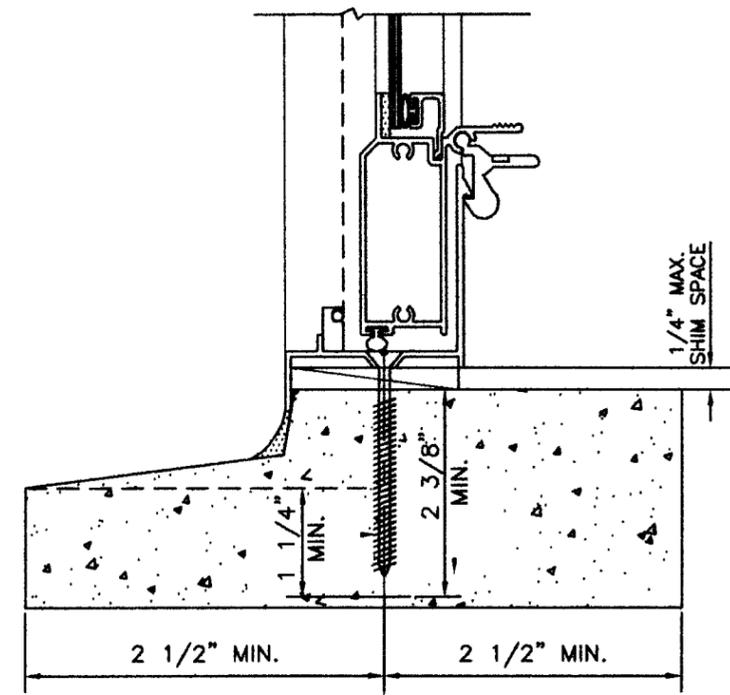
DRAWING NO.  
SH08-02

SHEET  
2 OF 6



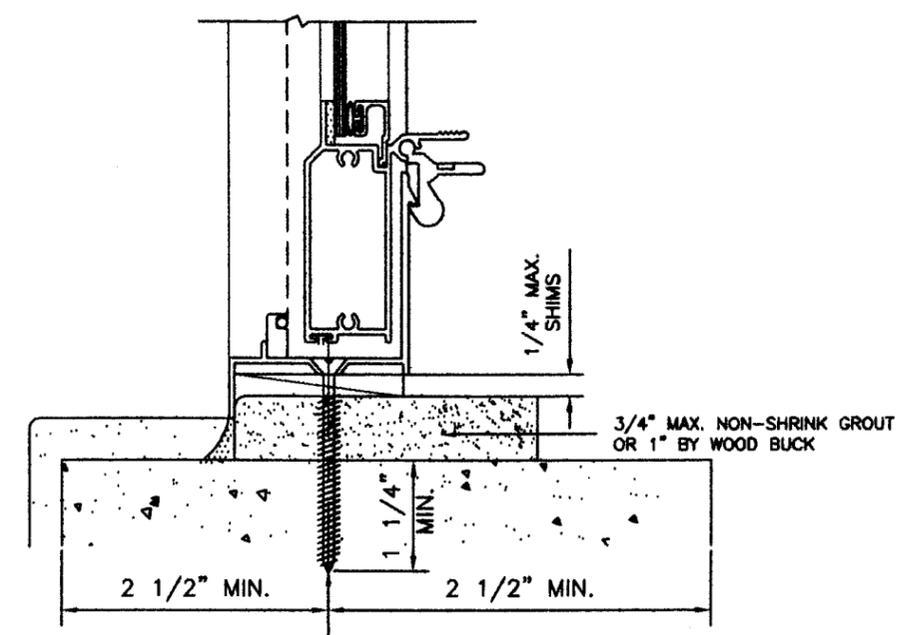
Sunshine Windows  
Manufacturing, Inc.  
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Ph: (305)364-9952  
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**SERIES 2000 ALUMINUM  
SINGLE HUNG WINDOW  
NON-IMPACT RESISTANT GLASS**



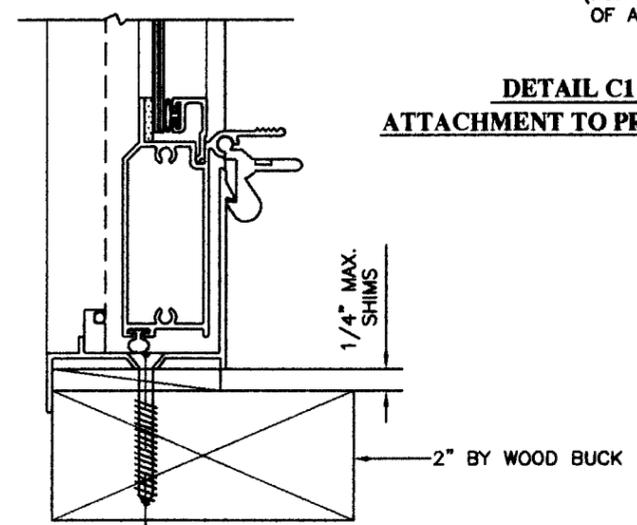
TYPICAL ANCHORS  
1/4" TAPCONS 1 1/4" MIN. EMBEDMENT  
INTO MASONRY  
(FOR MAX. ANCHOR SPACING AND NUMBER  
OF ANCHORS REFER TO SHEET 1 OF 6)

**DETAIL C1  
ATTACHMENT TO PRE-CAST SILL**



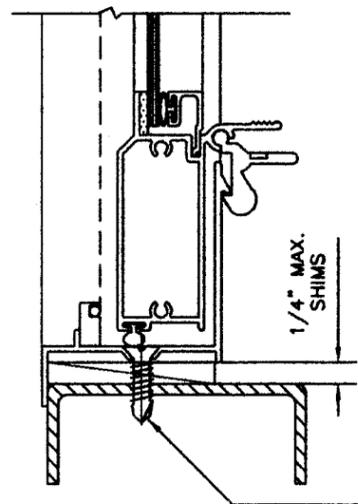
TYPICAL ANCHORS  
1/4" TAPCONS 1 1/4" MIN. EMBEDMENT  
INTO MASONRY THROUGH 1" BY WOOD BUCK  
OR NON SHRINK NON METALLIC GROUT  
(FOR MAX. ANCHOR SPACING AND NUMBER  
OF ANCHORS REFER TO SHEET 1 OF 6)

**DETAIL C2  
ATTACHMENT TO MASONRY**



TYPICAL ANCHORS  
1/4" SMS 1 1/2" MIN. PENETRATION INTO WOOD.  
(FOR MAX. ANCHOR SPACING AND NUMBER  
OF ANCHORS REFER TO SHEET 1 OF 6)

**DETAIL C3  
ATTACHMENT TO WOOD**



TYPICAL ANCHORS  
1/4" SMS THROUGH METAL.

**DETAIL C4  
ATTACHMENT TO METAL STRUCTURE  
(STEEL OR ALUMINUM 1/8" MIN. THICKNESS)**

**TYPICAL SILL SECTIONS**

**NON-IMPACT RESISTANT WINDOW**

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 10-0222-05  
Expiration Date 05/08/2013  
By *[Signature]*  
Miami Dade Product Control  
Division

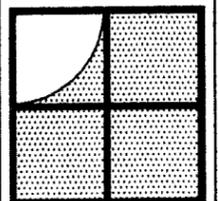
*[Signature]*  
2-12-10

FRANCISCO HERNANDEZ  
FLORIDA PE # 51393

Drawn By: FH  
Date: 4-14-08  
Scale: 1/2" = 1'  
Revision: 2-12-10  
Revision:

DRAWING NO.  
SH08-02

SHEET  
3 OF 6



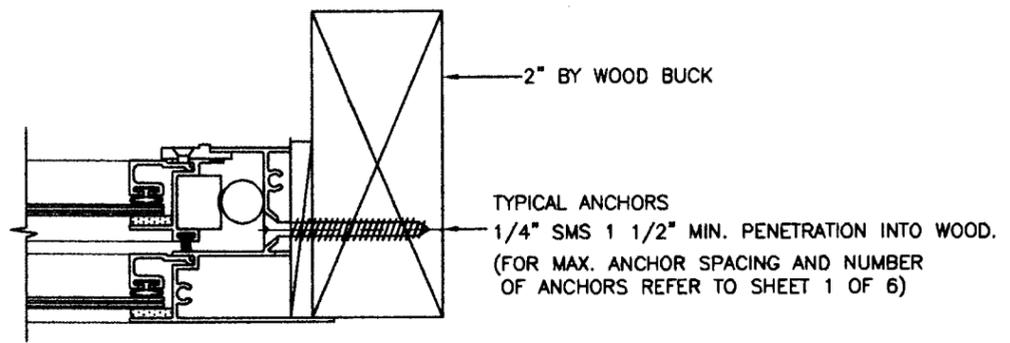
Sunshine Windows  
Manufacturing, Inc.  
1745 W. 33rd Place  
Hialeah, Florida 33012  
Ph: (305)364-9852  
Fax: (305)828-5118

**SERIES 2000 ALUMINUM  
SINGLE HUNG WINDOW  
NON-IMPACT RESISTANT GLASS**

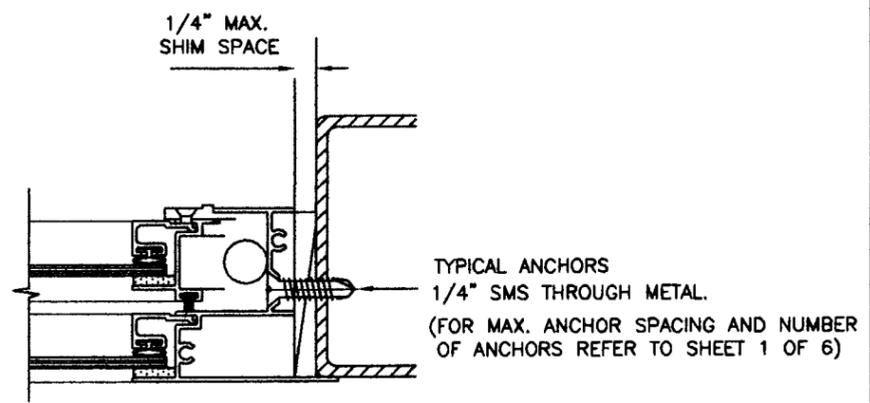
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Revision: 2-12-10

DRAWING NO.  
SH08-02

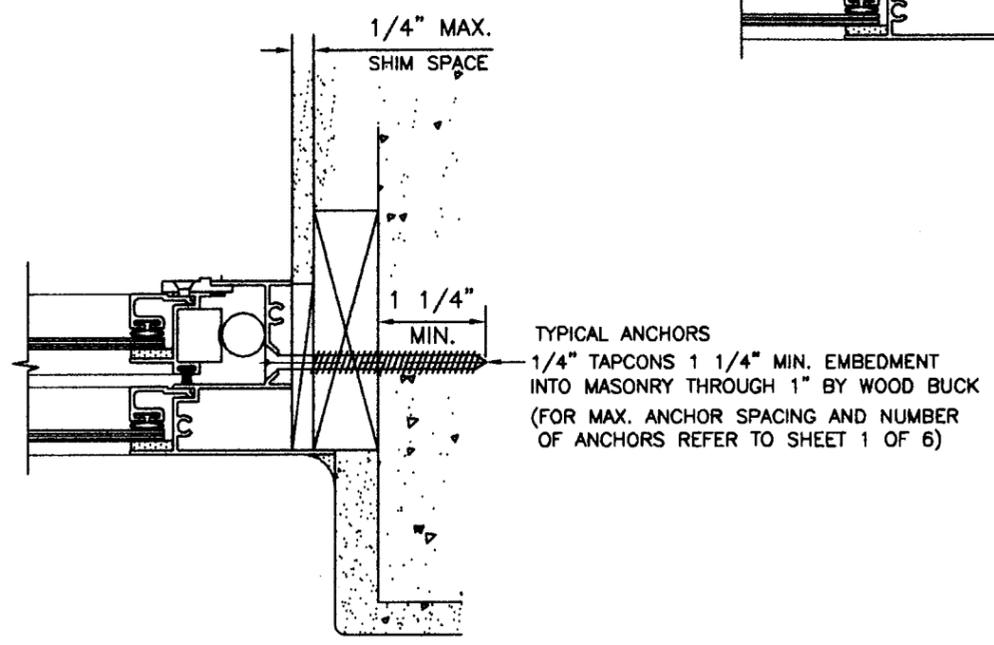
SHEET  
4 OF 6



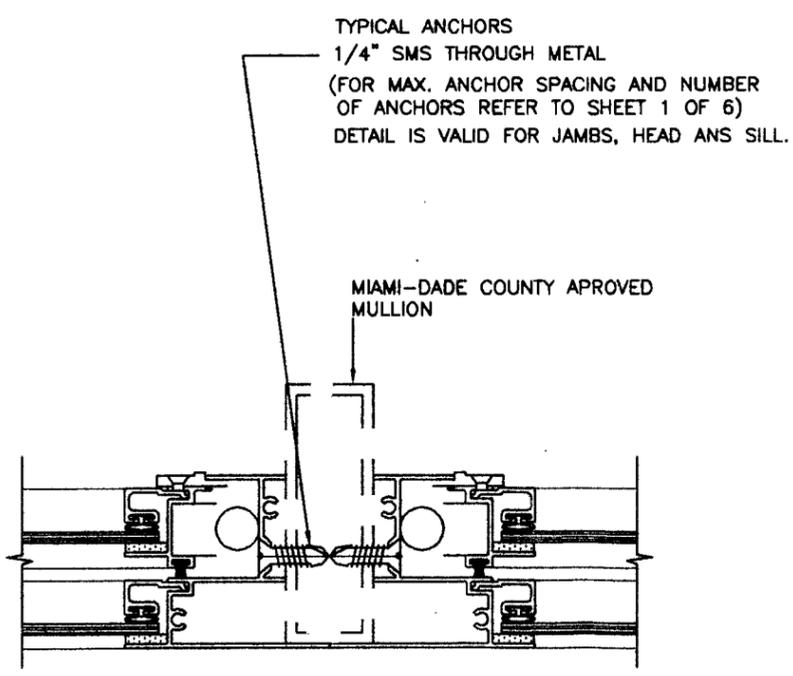
**DETAIL D2  
ATTACHMENT TO WOOD**



**DETAIL D3  
ATTACHMENT TO METAL STRUCTURE  
(STEEL OR ALUMINUM 1/8" MIN. THICKNESS)**



**DETAIL D1  
ATTACHMENT TO MASONRY**



**ATTACHMENT TO MULLIONS DETAIL**

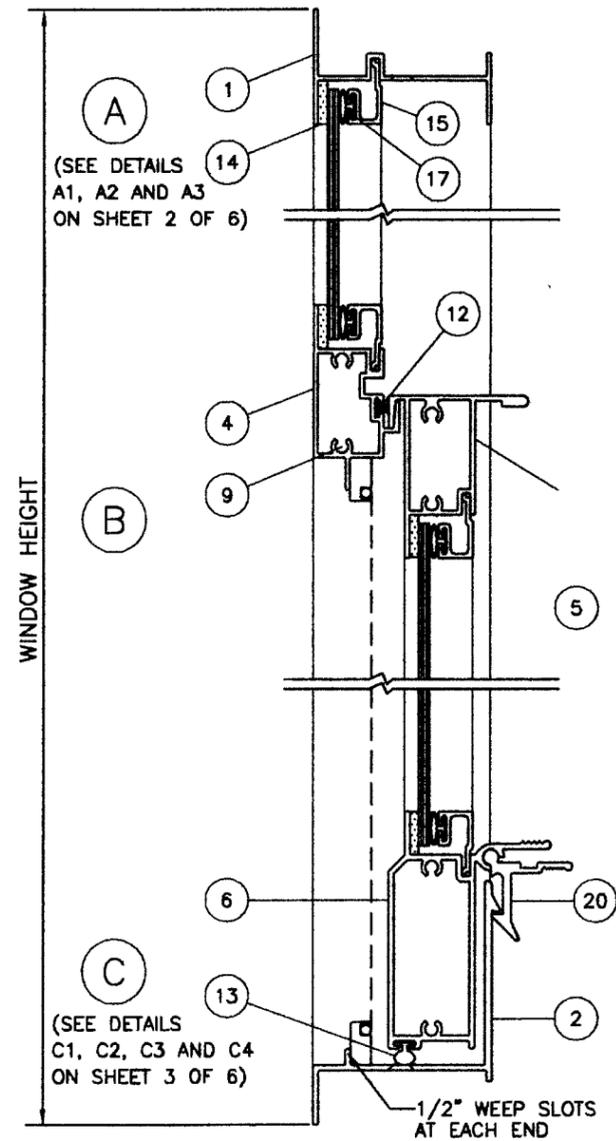
**TYPICAL JAMB SECTIONS**

**NON-IMPACT RESISTANT WINDOW**

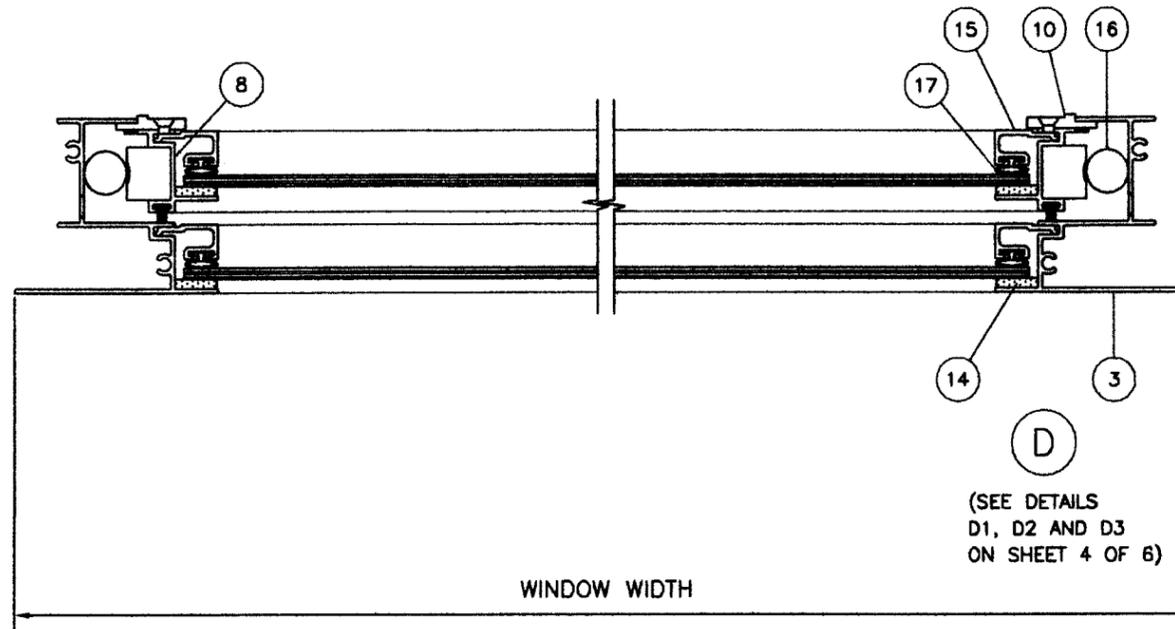
PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 10-0222-05  
Expiration Date 05/08/2013  
By: *[Signature]*  
Miami Dade Product Control  
Division

*[Signature]*  
2-12-10

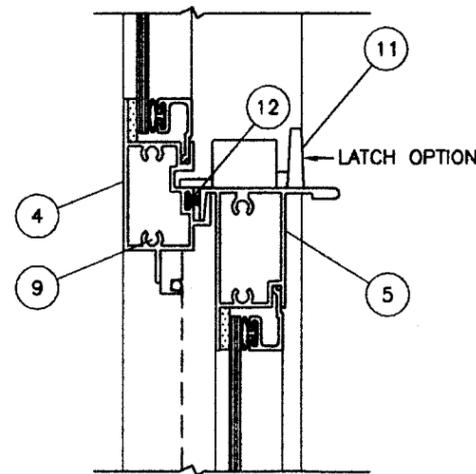
FRANCISCO HERNANDEZ  
FLORIDA PE # 51393



**VERTICAL SECTION**

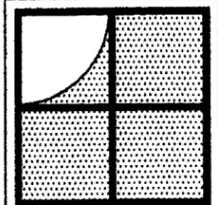


**HORIZONTAL SECTION**



**VERTICAL SECTION WITH TOP LOCK**

**NON-IMPACT RESISTANT WINDOW**



Sunshine Windows Manufacturing, Inc.  
 1745 W. 33rd Place  
 Hialeah, Florida 33012  
 Ph: (305)364-8952  
 Fax: (305)828-5118

**SERIES 2000 ALUMINUM  
 SINGLE HUNG WINDOW  
 NON-IMPACT RESISTANT GLASS**

PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 10-0222.05  
 Expiration Date 05/08/2013  
 By: *[Signature]*  
 Miami Dade Product Control  
 Division

*[Signature]*  
 2-12-10

FRANCISCO HERNANDEZ  
 FLORIDA PE # 51393

Drawn By: FH  
 Date: 4-14-08  
 Scale: 1/2"=1'  
 Revision: 2-12-10  
 Revision:

DRAWING NO.  
 SH08-02

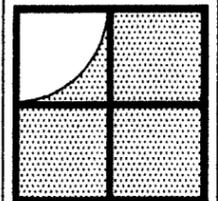
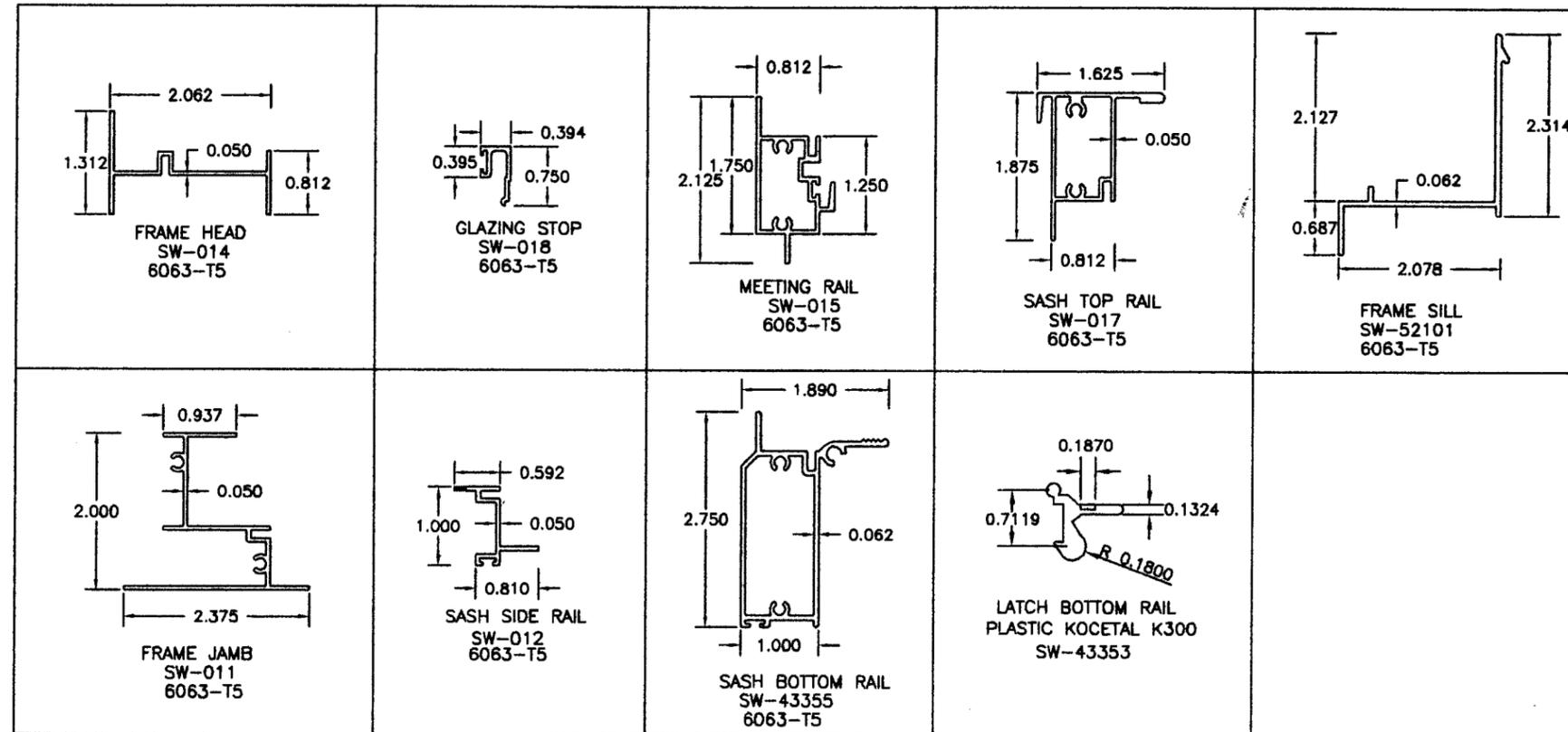
SHEET  
 5 OF 6

**MATERIAL LIST**

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL
1	SW-014	1	FRAME HEAD	6063-T5
2	SW-52101	1	FRAME SILL	6063-T5
3	SW-011	2	FRAME JAMB	6063-T5
4	SW-40111	1	MEETING RAIL	6063-T5
5	SW-017	1	SASH TOP RAIL	6063-T5
6	SW-43355	1	SASH BOTTOM RAIL	6063-T5
7	SW8202B	2	SASH CAM	NYLON
8	SW-012	2	SASH SIDE RAIL	6063-T5
9	SW-AS	14	ASSEMBLY SCREWS	# 8X1" SMS
10	SW-8202A	4/VENT	FACE GUIDES	NYLON

**MATERIAL LIST**

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL
11	SW43353	2/VENT	LATCH BOTTOM RAIL	PLASTIC
12	SW-1820	AS RQD	SEAL PILE	FELT
13	SW-3257	AS RQD	WEATHER STRIP BULB	VINYL
14	SW-1520	AS RQD	GLAZING TAPE	FOAM
15	SW-018	AS RQD	GLAZING BEAD	6063-T5
16	SW-540	2	SPIRAL BALANCE	ALUMINUM
17	SW-667	2/VENT	LATCH	ZINC
18	SW-3082	AS RQD	WEATHER STRIP BULB	VINYL



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**SERIES 2000 ALUMINUM  
SINGLE HUNG WINDOW  
NON-IMPACT RESISTANT GLASS**

Drawn By: FH  
Date: 4-14-08  
Scale: 1/2"=1'  
Revision: 2-12-10  
Revision:

DRAWING NO.  
SH08-02

SHEET  
6 OF 6

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 10-0222.05  
Expiration Date 05/08/2013  
By: *[Signature]*  
Miami Dade Product Control  
Division

*[Signature]*  
2-12-10

FRANCISCO HERNANDEZ  
FLORIDA PE # 51393

**NON-IMPACT RESISTANT WINDOW**