



**BUILDING AND NEIGHBORHOOD COMPLIANCE DEPARTMENT (BNC)
BOARD AND CODE ADMINISTRATION DIVISION**

**MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION**
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/building/

WinDoor, Inc.
7500 Amsterdam Drive
Orlando, FL 32832

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County BNC - Product Control Section 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 Section (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. BNC reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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 "3000" Aluminum Fixed Window – S.M.I.

APPROVAL DOCUMENT: Drawing No. **FEI0004**, titled "Series 3000 Fixed Impact (SMI) Window", sheets 1 through 9 of 9, dated 07/01/11, prepared by PTC, Product Design Group, LLC, signed and sealed by Robert James Amoroso, 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 Section.

MISSILE IMPACT RATING: Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, 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 # **09-0519.06** 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 **Manuel Perez, P.E.**



NOA No. 11-0815.09
Expiration Date: September 16, 2014
Approval Date: September 29, 2011
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **FEI0003**, Sheets 1 through 9 of 9, titled "Series 3000 Fixed Impact (LMI) Window", dated 06/29/11, prepared by PTC Product Design Group, LLC, signed and sealed by Robert James Amoruso, 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) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with marked-up drawings and installation diagram of series 5000 aluminum fixed window, prepared by National Certified Testing Laboratories, Test Report No. **NCTL-210-3562-2**, specimens: **FX-1, FX-2, FX-3, FX-4, FX-5 and FX-6**, dated 09/24/08, and amendment letter dated 11/24/09, signed and sealed by Gerard John Ferrara, P.E.

(Submitted under previous NOA #09-0519.06)

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 5000 aluminum fixed window, prepared by National Certified Testing Laboratories, Test Report No. **NCTL-210-3563-2**, specimens: **FX-7, FX-8, FX-9, FX-10, FX-11 and FX-12**, dated 09/24/08, and amendment letter dated 11/24/09, signed and sealed by Gerard John Ferrara, P.E.

(Submitted under previous NOA #09-0519.06)

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 5000 aluminum fixed window, prepared by National Certified Testing Laboratories, Test Report No. **NCTL-210-3564-2**, specimens: **FX-13, FX-14, FX-15 and FX-16**, dated 09/24/08, and amendment letter dated 11/24/09, signed and sealed by Gerard John Ferrara, P.E.

(Submitted under previous NOA #09-0519.06)


Manuel Perez, P.E.
Product Control Examiner
NOA No. 11-0815.09

Expiration Date: September 16, 2014

Approval Date: September 29, 2011

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS:

1. Anchor verification calculations and structural analysis, complying with FBC-2007, dated 03/18/09, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P.E.
2. Glazing complies with ASTM E1300-04.

D. QUALITY ASSURANCE

1. Miami-Dade Building and Neighborhood Compliance Department (BNC).

E. MATERIAL CERTIFICATIONS

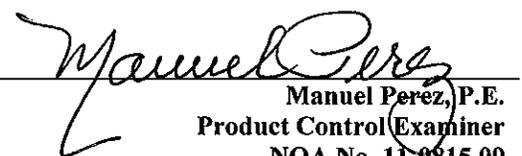
1. Notice of Acceptance No. **09-0312.03** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Sentry Glass® Interlayer**" dated 05/13/09, expiring on 01/14/12.

F. STATEMENTS

1. Statement letter of conformance and no financial interest, dated August 09, 2011, signed and sealed by Robert J. Amoruso, P.E.
2. Proposal No. **08-0452** issued by BCCO, dated August 12, 2008, signed by Ishaq Chanda, P.E.
3. Laboratory compliance letters for Test Reports No. **NCTL-210-3562-2**, **NCTL-210-3563-2**, and **NCTL-210-3564-2**, issued by National Certified Testing Laboratories, dated November 18 and 24, 2008, signed and sealed by Gerard J. Ferrara, P.E.
4. Asset purchase agreement dated March 10, 2011, signed by Mr. Joel G. Lehman and Mr. Jerry Decker.
5. Confirmation of Sales Agreement, listing all Miami-Dade NOA's dated March 21, 2011 signed by Joel G. Lehman, President, Florida Extruders International, Inc.
6. Confirmation letter of sales of assets, including fabrication, assembly equipment and 777 associated test reports and intellectual material, dated August 3, 2011, signed by R. Frank Lukens, Jr., President and CEO, WinDoor, Inc.
7. Letter from PTC Product Design, LLC dated 08/09/11, certifying that Test Reports # **NCTL-210-3562-2**, **NCTL-210-3563-2** and **NCTL-210-3564-2** were re-issued to WinDoor, Inc. by National Certified Testing Laboratories under Test Reports # **NCTL-210-3743-4A**, **NCTL-210-3743-6A** and **NCTL-210-3743-8A**, signed and sealed by Robert James Amoruso, P.E.

G. OTHERS

1. Notice of Acceptance No. **09-0519.06**, issued to Florida Extruders International, Inc. for their Series "5000" Aluminum Fixed Window – S.M.I., approved on 09/16/09 and expiring on 09/16/14.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 11-0815.09
Expiration Date: September 16, 2014
Approval Date: September 29, 2011

WINDOOR, Inc.

IMPACT SERIES 3000 Fixed Window, SMI

INSTALLATION ANCHORAGE DETAILS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-0815.09
Expiration Date SEPT. 16, 2014
By *M. Perez*
Miami/Dade Product Control

GENERAL NOTES:

- THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE (HVHZ) OF THE 2007 FLORIDA BUILDING CODE (FBC) AT THE DESIGN PRESSURES STATED HEREIN. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT # NCTL-210-3743-4A, NCTL-210-3743-6A AND NCTL-210-3743-8A DATED 09/29/2008 AND ASSOCIATED LABORATORY STAMPED DRAWINGS AND WERE TESTED IN ACCORDANCE WITH CURRENT DADE COUNTY PROTOCOLS.
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE STRUCTURE IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
- WHEN WOOD BUCKS ARE USED, THEY SHALL NOT BE CONSIDERED PART OF THE STRUCTURAL SUBSTRATE REGARDLESS OF THEIR ATTACHMENT TO THE STRUCTURAL SUBSTRATE. WOOD BUCKS SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE.

- BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
- WHEN 1X AND 2X WOOD BUCKS ARE USED AND IN CONTACT WITH CONCRETE AND/OR MASONRY, THE WOOD USED SHALL BE EITHER A PRESERVATIVE TREATED SOUTHERN YELLOW PINE OR A DURABLE WOOD SPECIES IN ACCORDANCE WITH 2007 FBC - BUILDING, SECTION 2326.2. THE WOOD USED MUST HAVE A SPECIFIC GRAVITY OF 0.55 MINIMUM.
 - AN IMPACT PROTECTIVE SYSTEM (I.E. SHUTTERS, ETC.) IS NOT REQUIRED WITH THESE WINDOWS.
 - WINDOW FRAME MATERIAL: ALUMINUM 6063-T6.
 - GLASS MEETS THE REQUIREMENTS OF ASTM E1300-04.
 - A 1/3 INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS NOT USED IN THE DESIGN OF THE PRODUCTS SHOWN HEREIN. WIND LOAD DURATION FACTOR (Cd = 1.6) HAS NOT BEEN USED FOR WOOD ANCHOR DESIGN.

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN ON THE ELEVATIONS.
- NOT APPLICABLE.
- ALL INSTALLATION ANCHORS MUST HAVE A CORROSION RESISTANT COATING OR BE MADE OF STAINLESS STEEL.
- SEAL FRAME CORNERS AT SILL-TO-JAMB AND HEAD-TO-JAMB WITH SMALL JOINT SEAM SEALANT.
- SEAL ALL INSTALLATION ANCHOR HEADS WITH SMALL JOINT SEAM SEALANT DURING INSTALLATION. APPLY SEALANT IN COUNTERSINK BEFORE ANCHOR INSTALLATION AND SEAL ANCHOR HEAD AFTER ANCHOR INSTALLATION. SEE CORNER DETAIL.
- THE SPACING OF INSTALLATION ANCHORS DEPICTED IS THE MAXIMUM SPACING TO BE USED FOR PRODUCT INSTALLATION. ANCHORS ARE TO MATCH TYPE, SIZE, EDGE DISTANCE AND EMBEDMENT OF THOSE SHOWN IN TABLE 1 FOR RESPECTIVE SUBSTRATE.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM THICKNESS IS 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- FOR INSTALLATION INTO WOOD FRAMING, USE WOOD SCREWS OR TAPPING SCREWS OF SUFFICIENT LENGTH TO ACHIEVE THE MINIMUM EMBEDMENT, MINIMUM EDGE DISTANCE AND MINIMUM ANCHOR SEPARATION OF 1 INCH AS SHOWN IN TABLE 1.
- FOR INSTALLATION THROUGH 1X WOOD BUCK TO CONCRETE / MASONRY, OR DIRECTLY INTO CONCRETE / MASONRY, USE CONCRETE SCREWS OF SUFFICIENT LENGTH TO ACHIEVE MINIMUM EMBEDMENT AND MINIMUM EDGE DISTANCE AS SHOWN IN TABLE 1. TO PREVENT WOOD BUCKING FROM SPLITTING, DRILL 1/4" DIAMETER HOLE TO ACCOMODATE ANCHORS.
- FOR INSTALLATION INTO MIAMI-DADE APPROVED MULLION, USE TAPPING SCREWS OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 3 THREADS EMBEDMENT PAST INSIDE OF MULLION'S WEB AS SHOWN ON TABLE 1. APPLICABLE ONLY FOR JAMB TO MULLION CONNECTION, SHIMS CANNOT BE USED.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES (INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING).
- FOR CONCRETE BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - WOOD - SOUTHERN YELLOW PINE. MINIMUM SPECIFIC GRAVITY OF 0.55.
 - CONCRETE - MINIMUM COMPRESSIVE STRENGTH SHOWN IN TABLE 1 AND COMPLIES WITH ACI 301, ACI 318-05 AND ACI 355.
 - MASONRY - STRENGTH CONFORMANCE TO ASTM C-90 AND ACI 530-05, GRADE N, TYPE 1 (OR GREATER). GROUT FILLED PER FLORIDA BUILDING CODE.

Table 1 - Notes:

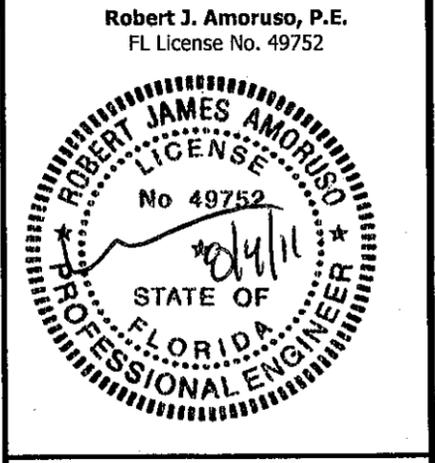
- Other manufacturer's concrete screws may be acceptable if they meet or exceed the allowable shear value of 264 lbs, are installed at a minimum embedment required for that allowable and the installation meets the edge distance and spacing requirements for that anchor at the prescribed shear capacity.
- All screws will be "flat" head.
- Screw lengths will be sufficient to allow the minimum embedment to be made into the receiving substrate.

TABLE OF CONTENTS		
SHEET	REV.	SHEET DESCRIPTION
1	A	GENERAL AND INSTALLATION NOTES
2	A	ELEVATIONS AND ANCHOR LAYOUT
3	A	DESIGN PRESSURE TABLES AND CORNER DETAIL
4	A	VERTICAL SECTIONS
5	A	VERTICAL SECTIONS
6	A	VERTICAL SECTIONS
7	A	VERTICAL & HORIZONTAL SECTIONS
8	A	HORIZONTAL SECTIONS
9	A	BOM, COMPONENTS & GLAZING DETAILS

TABLE 1 - ANCHOR SCHEDULE

Substrate	Minimum Concrete Strength (psi)	Anchor Type	Size	Manufacturer	Minimum Embedment (in)	Minimum Edge Distance (in)	Comments	
CMU	See Note 13.c	Carbon Steel Concrete Screw	1/4"	ITW Buldrex Tapcon	1 1/4	2 1/2	See Table 1 notes.	
				Elco Tapcon	1 1/4	1 3/4		
Concrete	3192	Carbon Steel Concrete Screw	1/4"	ITW Buldrex Tapcon	1 3/4	1 7/8		
				ITW Buldrex Tapcon with Advanced Threadform Technology	2000	1 3/4		1 1/2
					3000	1 3/4		1 1/4
				Elco Tapcon	2700	1 3/4		1 3/8
					2000	1 3/4		2 7/8
				Power Fasteners Tapper	2000	1 3/4		2 1/2
Wood Frame	n/a	Wood Screw (Carbon or Stainless Steel)	#14	ANSI B18.6.1	1 1/2	1		
		Tapping Screw (Carbon or Stainless Steel)	1/4"	ASME B18.6.4, Type AB	1 1/2	1		
Mullion (Jamb Only)	n/a	Tapping Screw (Carbon or Stainless Steel)	1/4"	ASME B18.6.4	3 screw threads embedment past inside of mullion's web.	n/a		

REVISIONS		DESCRIPTION	DATE	BY
SHEET	REV	ORIGINAL ISSUE	07/01/11	RJA
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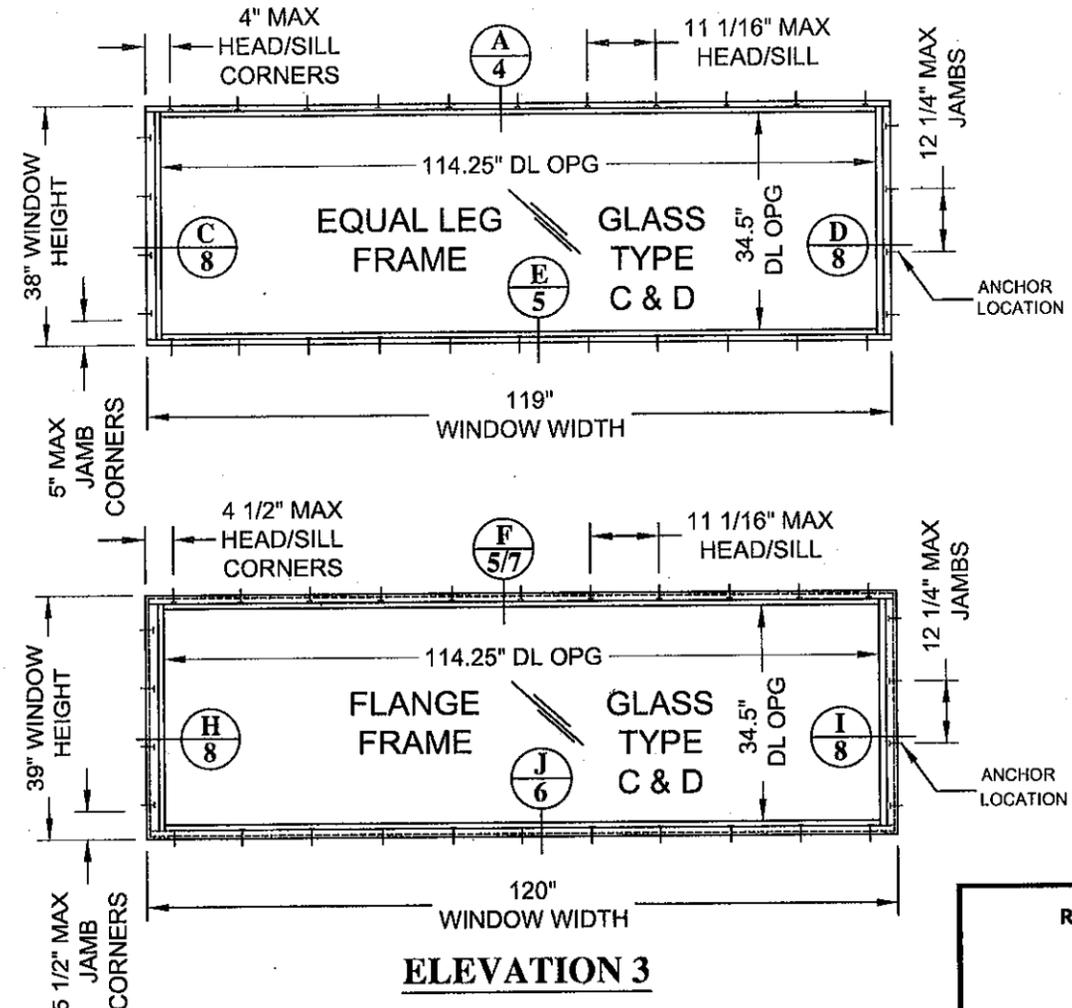
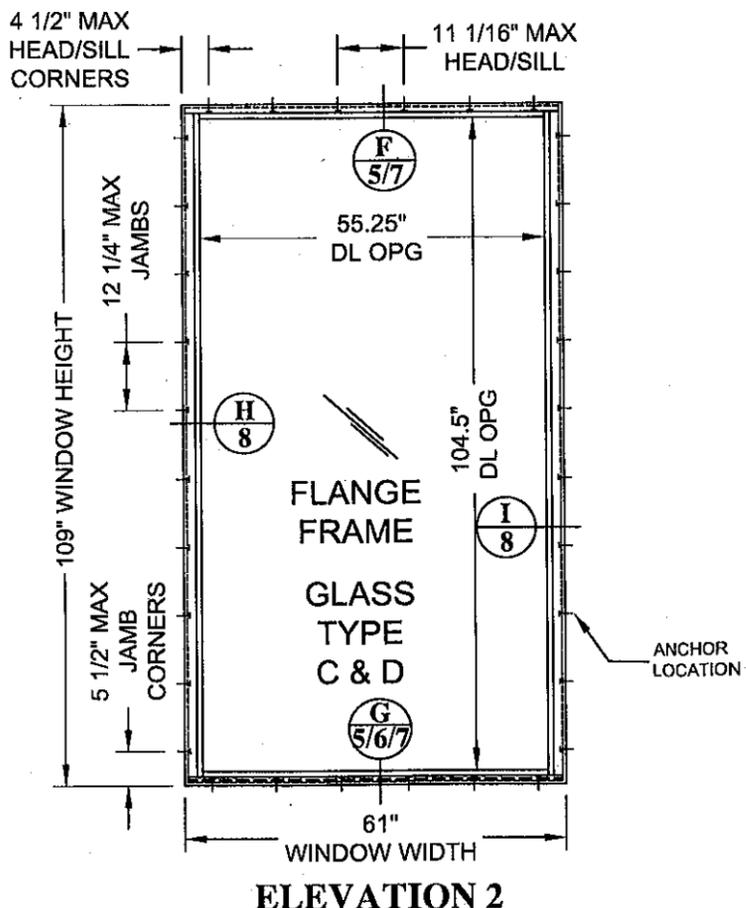
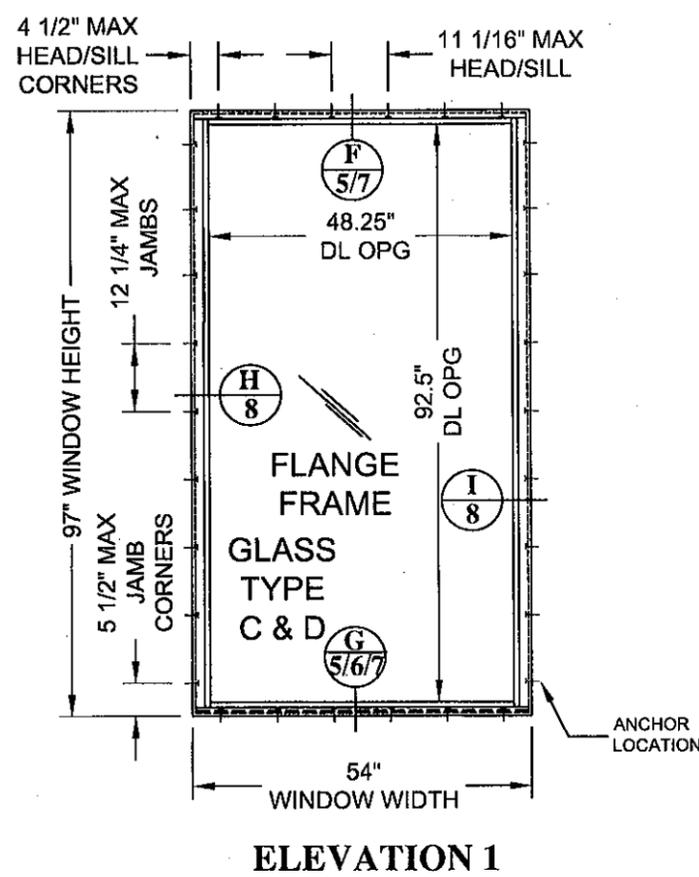
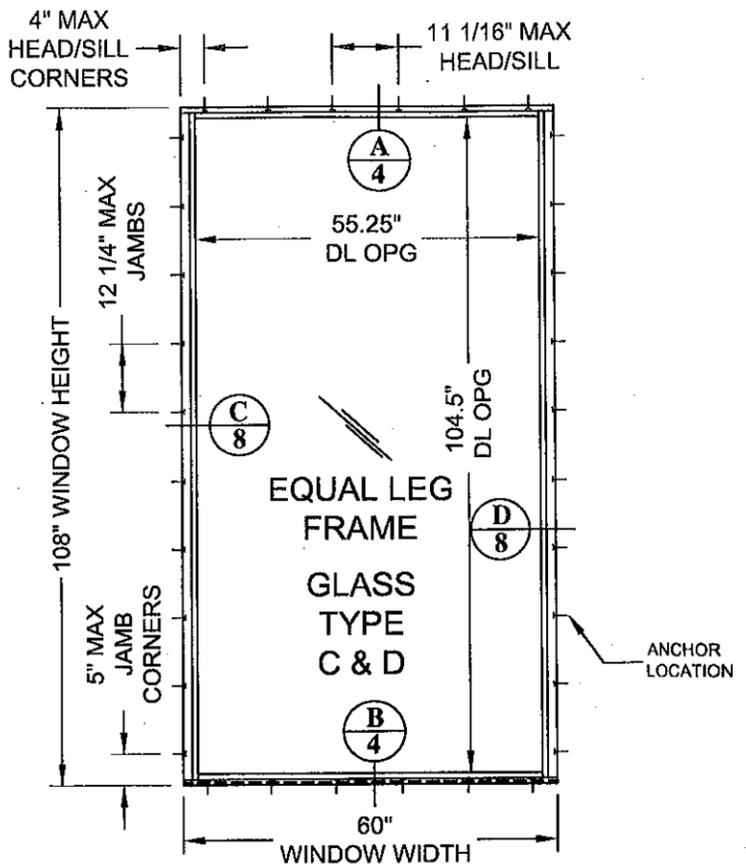
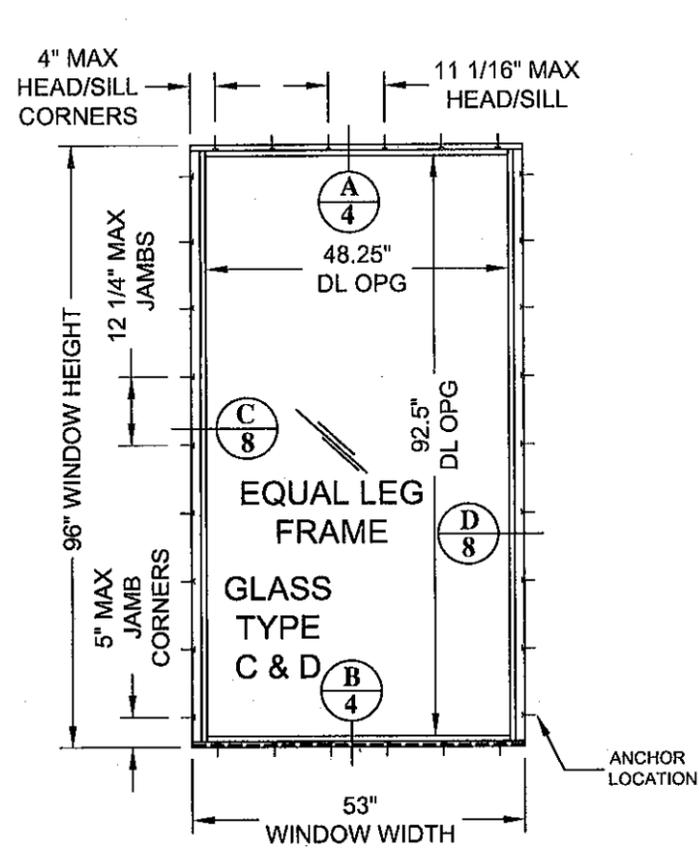
PTC Product Design Group, LLC
PO Box 520775
Longwood, FL 32752-0775
321-690-1788 (P) 321-690-1789 (F)
FBPE Cert. of Auth. No. 25935

WinDoor INCORPORATED
7500 AMSTERDAM DRIVE
ORLANDO, FL 32832
Phone: 407.481.8400
Fax: 407.481.0505
www.windoorinc.com

DRAWING TITLE:
SERIES 3000 FIXED IMPACT (SMI) WINDOW
GENERAL AND INSTALLATION NOTES

SIZE	DRAWN BY: JBH	DWG NO. FEI0004	REV 0
SCALE NTS	DATE: 07/01/11	SHEET 10F9	

This drawing and all associated component files are the sole property of WinDoor, Inc. and contains confidential, privileged and patented information. Any reproduction of this drawing is not permitted without written approval from WinDoor, Inc. management.



- NOTES:**
- 1- ELEVATIONS ARE VIEWED FROM EXTERIOR.
 - 2- ALL DIMENSIONS ARE IN INCHES.
 - 3- DL OPG: DAY LIGHT OPENING.
 - 5- ANCHOR LOCATION SPACINGS SHOWN FOR THE JAMBS ARE THE SAME FOR A WALL OR A MULLION.
 - 6- FOR EQUAL LEG WINDOWS, BUCK DIMENSIONS ARE THE SAME AS WINDOW DIMENSIONS.
 - 7- FOR FLANGE WINDOWS, BUCK DIMENSIONS ARE 1" LESS THAN WINDOW DIMENSIONS.

PRODUCT REVISED as complying with the Florida Building Code
 Acceptance No. 11-0815-09
 Expiration Date: SEPT. 16, 2014
 By: *Manuel Perez*
 Miami Dade Product Control

Robert J. Amoruso, P.E.
 FL License No. 49752

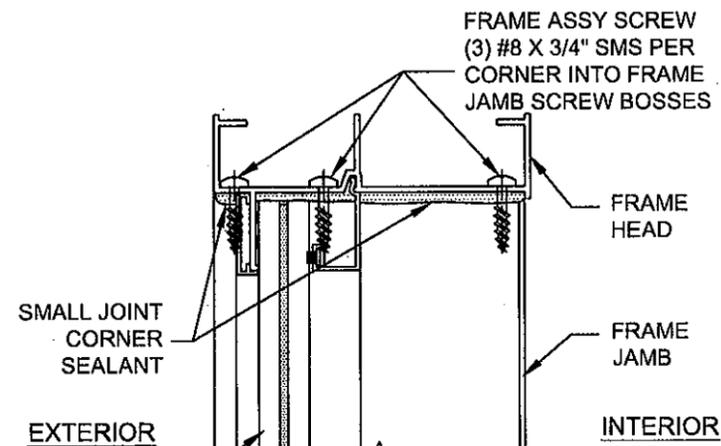
PTC Product Design Group, LLC
 PO Box 520775
 Longwood, FL 32752-0775
 321-690-1788 (P) 321-690-1789 (F)
 FBPE Cert. of Auth. No. 25935

WinDoor INCORPORATED		7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com	
DRAWING TITLE: SERIES 3000 FIXED IMPACT (SM) WINDOW ELEVATION AND ANCHOR DETAILS			
SIZE	DRAWN BY: JBH	DWG NO. FEI0004	REV 0
SCALE NTS	DATE: 07/01/11	SHEET 20F9	

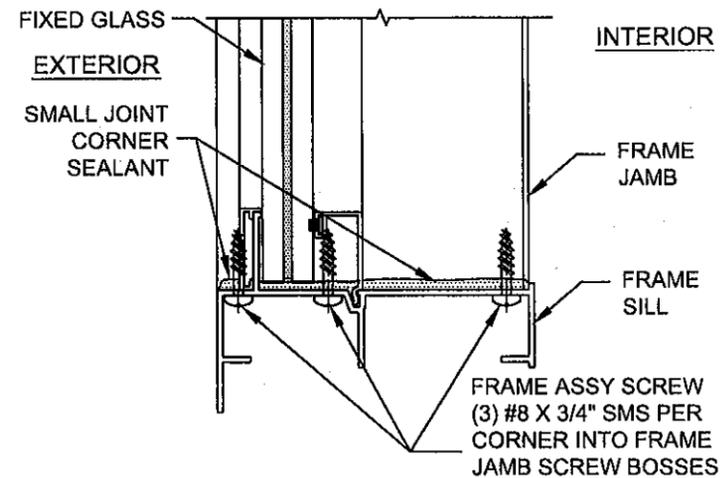
REVISIONS		BY
DATE	DESCRIPTION	RJA
07/01/11	ORIGINAL ISSUE	

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Elevation	Window Size based on Buck Width and Height (in)		Design Pressure (psf)		Impact Rating
			Concrete/Masonry, Wood and Mullion Substrates (see Table 3 for installations in wood substrates)		
	Width	Height	Lami	Lami+IG	
1	up to 53"	up to 96"	110	110	Small Missile Impact
2	up to 60"	up to 108"	110	107	
2	up to 58"	up to 108"	110	110	
2	up to 60"	up to 105"	110	110	
3	60" to 119"	up to 38"	115	115	



EQUAL LEG CORNER DETAIL
ASSEMBLY AT HEAD, SIMILAR FOR THE SILL



FLANGE FRAME CORNER DETAIL
ASSEMBLY AT SILL, SIMILAR FOR THE HEAD

Elevation	Window Size based on Buck Width and Height (in)		Design Pressure (psf)	Impact Rating
	Width	Height		
	Lami & Lami+IG			
1	47	> 82 to 83	109	Small Missile Impact
1	47	> 91 to 92	108	
1	47	> 92 to 93	107	
1	47	> 93 to 94	105	
1	47	> 94 to 95	104	
1	52 1/8	> 87 to 88	108	
1	52 1/8	> 88 to 89	106	
1	52 1/8	> 89 to 90	105	
1	52 1/8	> 90 to 91	103	
1	52 1/8	> 91 to 92	101	
1	52 1/8	> 92 to 93	100	
1	52 1/8	> 93 to 94	98	
1	52 1/8	> 94 to 95	97	
1	52 1/8	> 95 to 96	96	
1	53	> 79 to 80	108	
1	53	> 80 to 81	106	
1	53	> 81 to 82	104	
1	53	> 82 to 83	102	
1	53	> 86 to 87	109	
1	53	> 87 to 88	107	
1	53	> 88 to 89	104	
1	53	> 89 to 90	104	
1	53	> 90 to 91	102	
1	53	> 91 to 92	100	
1	53	> 92 to 93	99	
1	53	> 93 to 94	97	
1	53	> 94 to 95	96	
1	53	> 95 to 96	106	
2	52 1/8	> 96 to 97	106	
2	52 1/8	> 97 to 98	105	
2	52 1/8	> 98 to 99	103	
2	52 1/8	> 99 to 100	102	
2	52 1/8	> 100 to 101	100	
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2	52 1/8	> 106 to 107	93	
2	52 1/8	> 107 to 108	92	
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2	53	> 97 to 98	104	
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2	53	> 101 to 102	98	
2	53	> 102 to 103	97	
2	53	> 103 to 104	95	
2	53	> 104 to 105	94	
2	53	> 105 to 106	93	
2	53	> 106 to 107	92	
2	53	> 107 to 108	91	

Elevation	Window Size based on Buck Width and Height (in)		Design Pressure (psf)	Impact Rating
	Width	Height		
	Lami & Lami+IG			
2	60	> 69 to 70	109	Small Missile Impact
2	60	> 70 to 71	108	
2	60	> 76 to 77	108	
2	60	> 77 to 78	106	
2	60	> 78 to 79	104	
2	60	> 79 to 80	102	
2	60	> 80 to 81	100	
2	60	> 81 to 82	98	
2	60	> 82 to 83	96	
2	60	> 83 to 84	108	
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2	60	> 101 to 102	91	
2	60	> 102 to 103	89	
2	60	> 103 to 104	88	
2	60	> 104 to 105	87	
2	60	> 105 to 106	86	
2	60	> 106 to 107	85	
2	60	> 107 to 108	93	

- NOTES:**
 1- FOR EQUAL LEG WINDOWS, BUCK DIMENSIONS ARE THE SAME AS WINDOW DIMENSIONS.
 2- FOR FLANGE WINDOWS, BUCK DIMENSIONS ARE 1" LESS THAN WINDOW DIMENSIONS.
 3- LAMI: LAMINATED GLASS
 4- IG: INSULATED GLASS

PRODUCT REVISED as complying with the Florida Building Code
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 Expiration Date SEPT. 16, 2014
 By *Manuel Diaz*
 Miami Dade Product Control

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 7500 AMSTERDAM DRIVE
 ORLANDO, FL 32832
 Phone: 407.481.8400
 Fax: 407.481.0505
 www.windowinc.com

DRAWING TITLE:
 SERIES 3000 FIXED IMPACT (LM) WINDOW
 DESIGN PRESSURE TABLES AND CORNER DETAILS

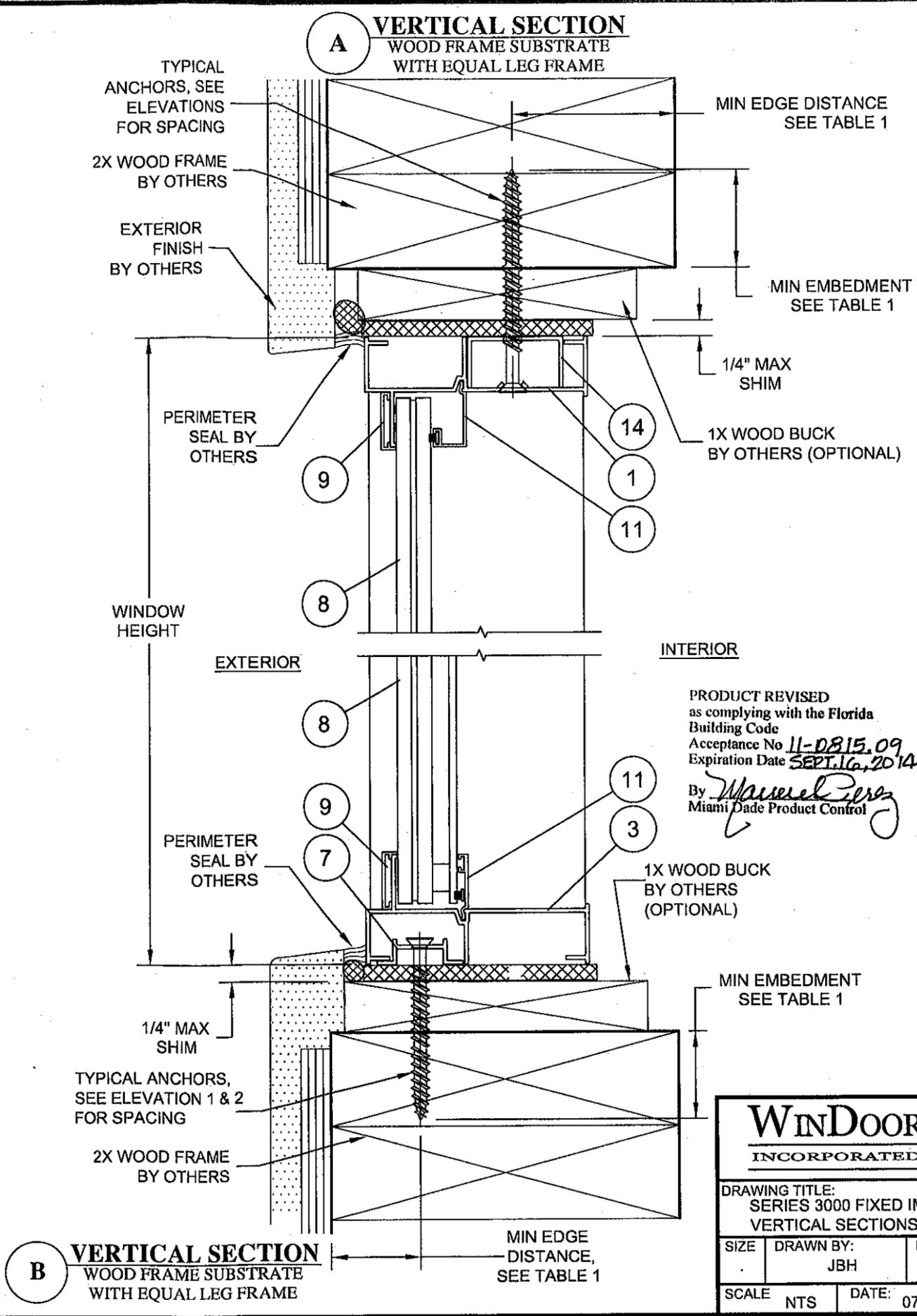
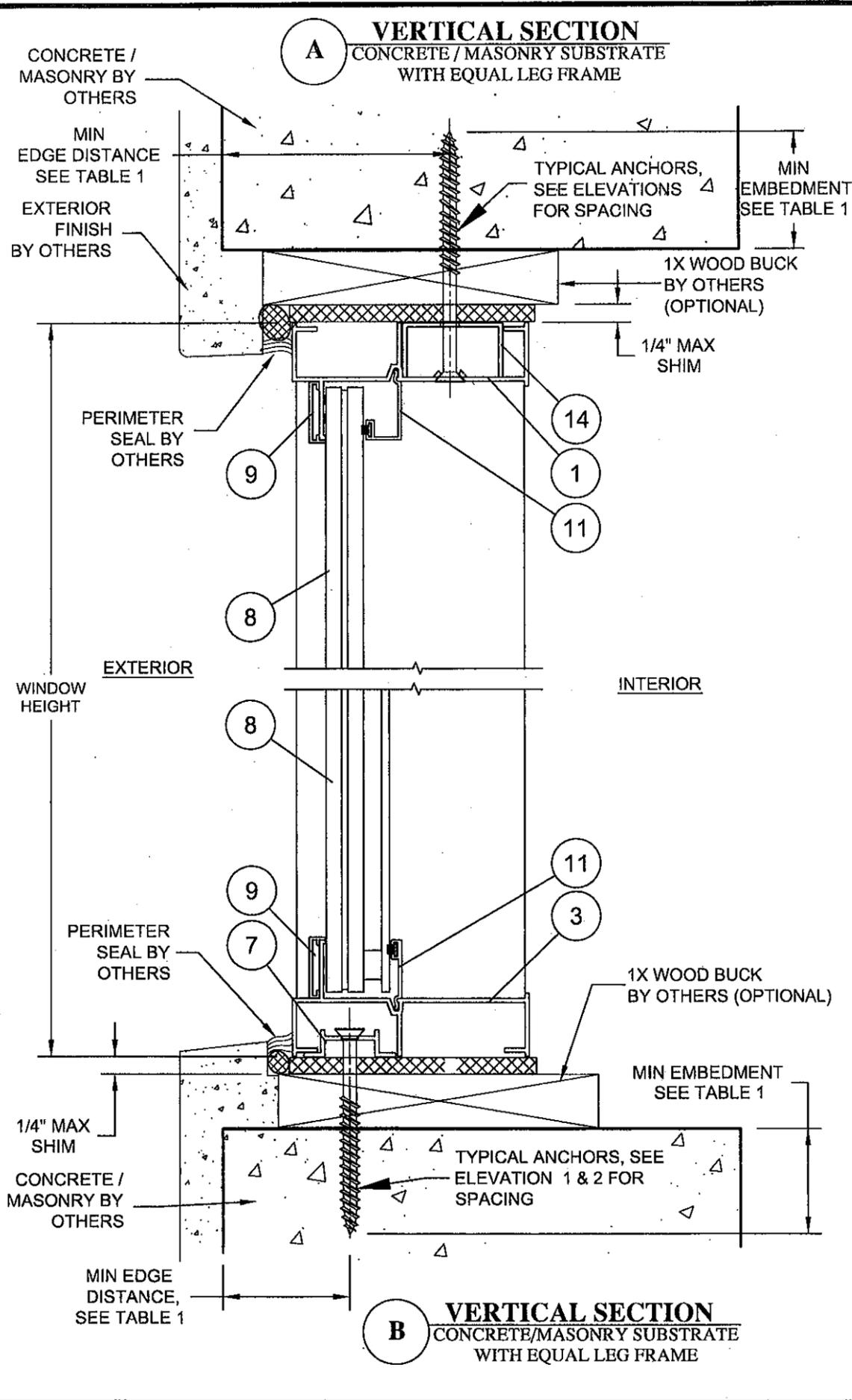
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SCALE NTS	DATE: 06/29/11	SHEET 30F9	

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REVISIONS	DATE	BY
DESCRIPTION	06/29/11	RJA
ORIGINAL ISSUE		
SHEET REV	0	

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Expiration Date SEPT. 16, 2014
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Miami Dade Product Control

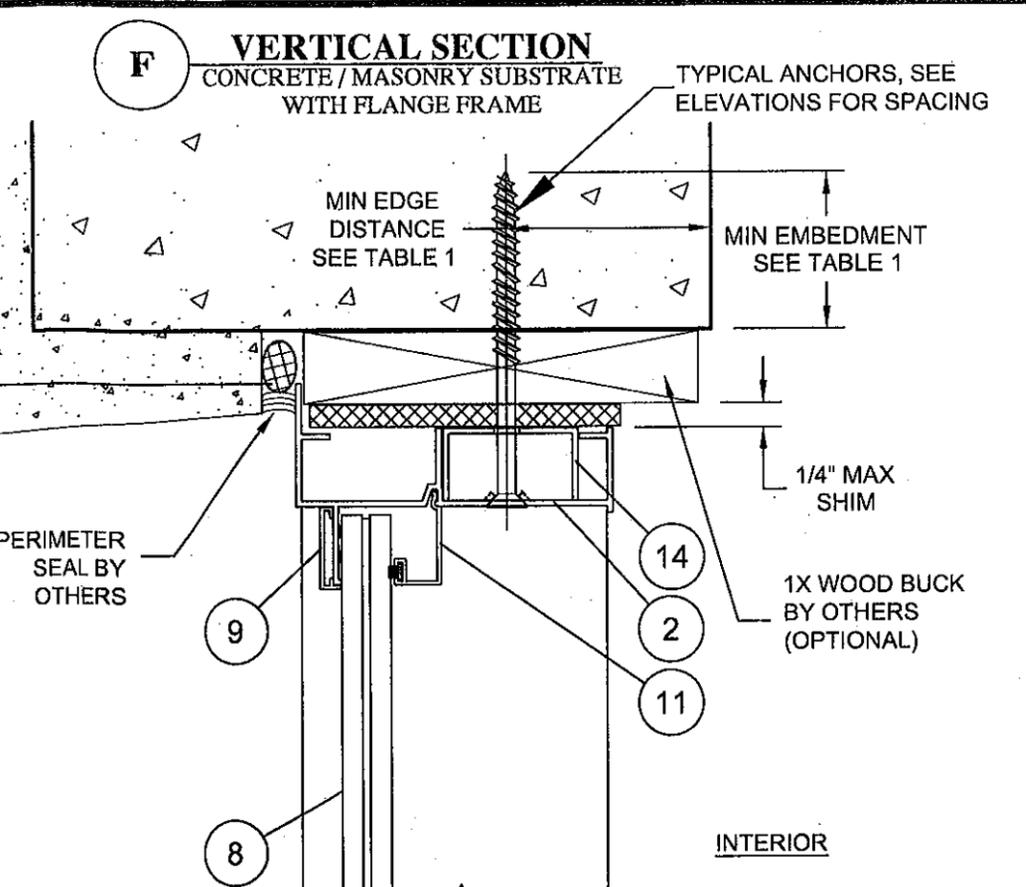
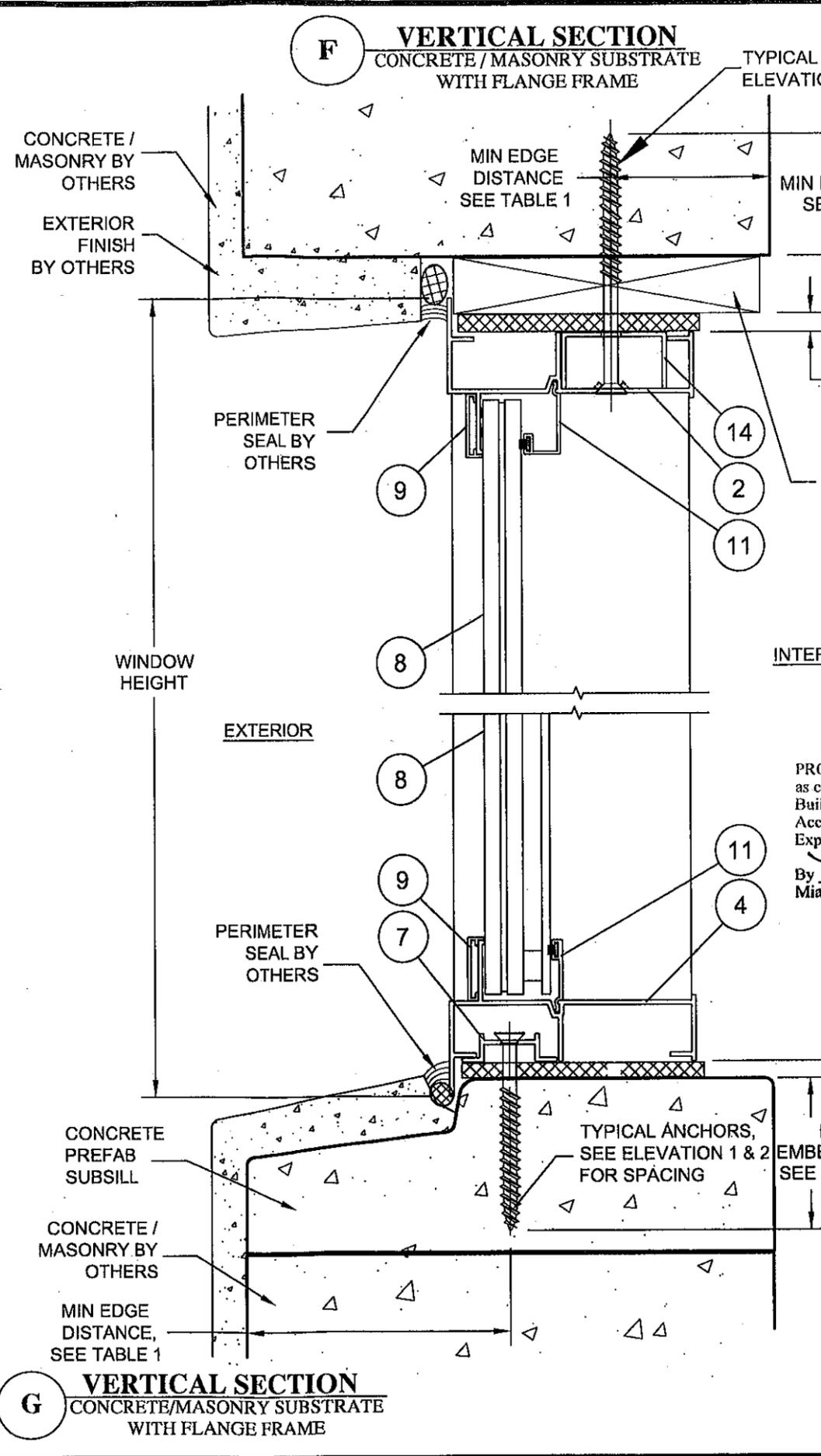
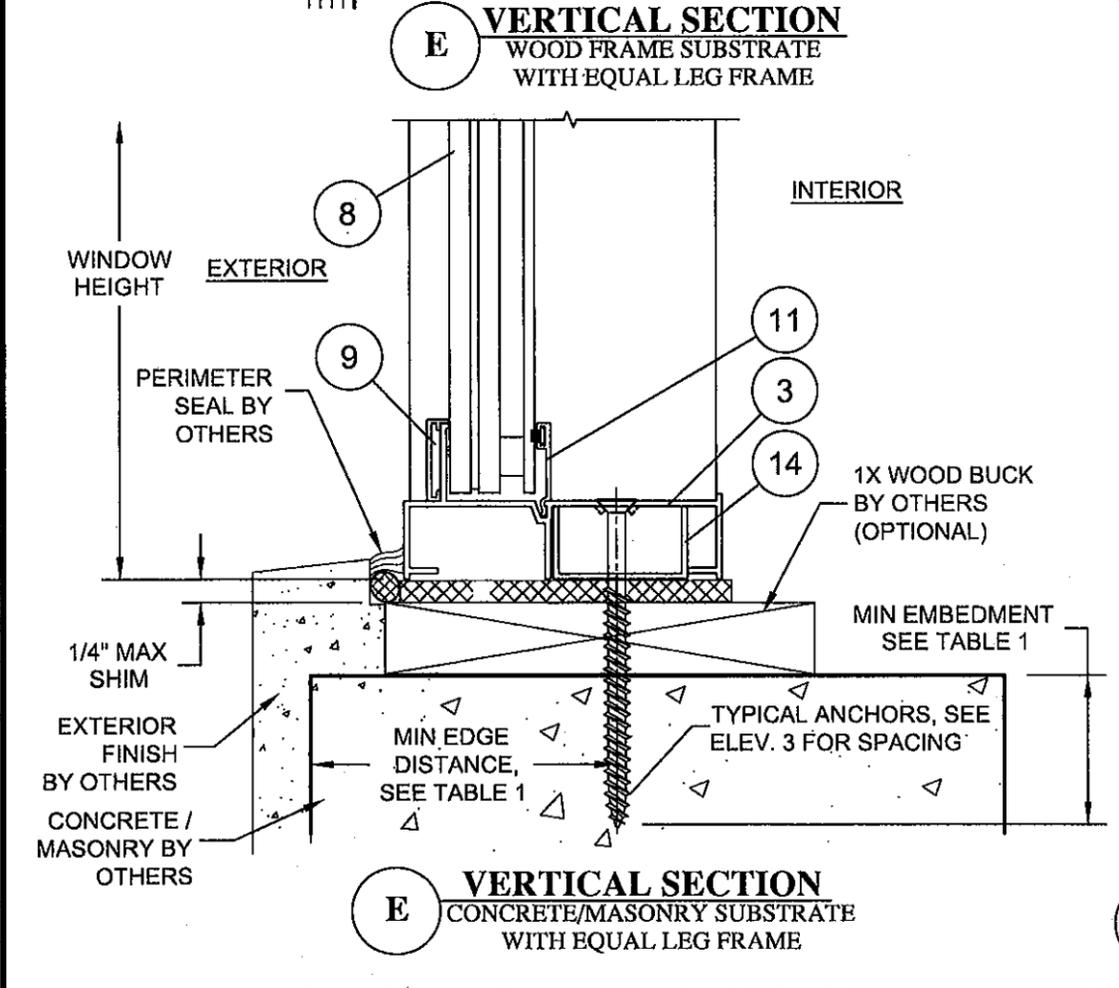
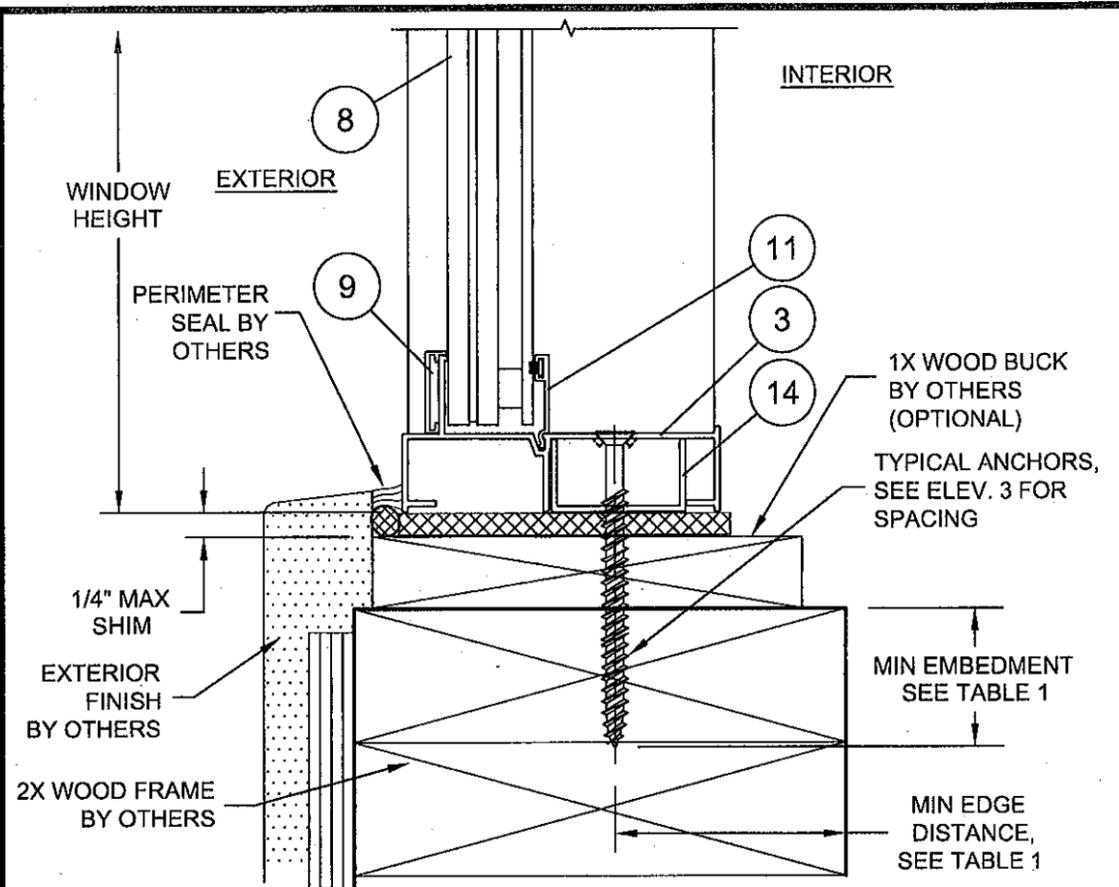
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DRAWING TITLE: SERIES 3000 FIXED IMPACT (SM) WINDOW VERTICAL SECTIONS A & B			
SIZE	DRAWN BY: JBH	DWG NO. FEI0003	REV 0
SCALE NTS	DATE: 07/01/11	SHEET 40F9	

REVISIONS		BY	DATE
SHEET	REV	DESCRIPTION	07/01/11
	0	ORIGINAL ISSUE	

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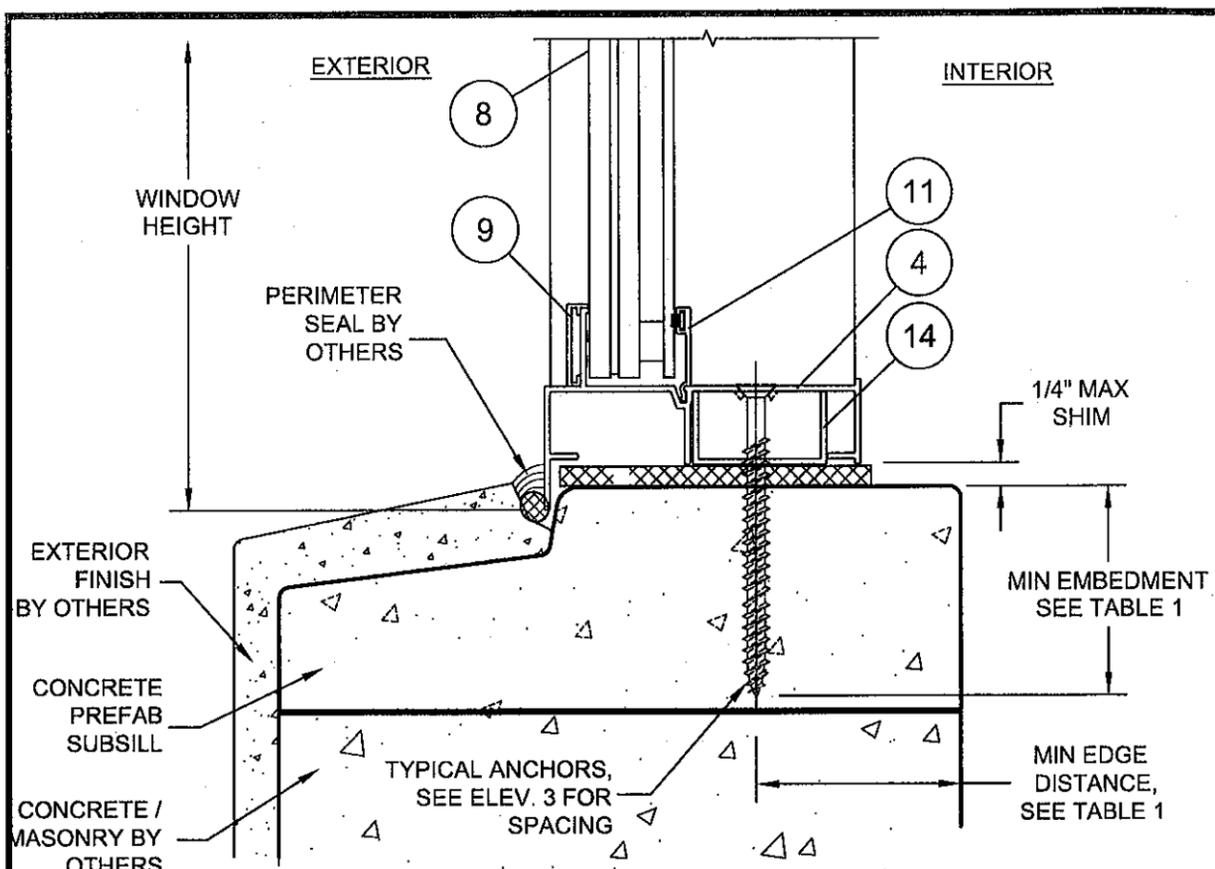
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DRAWING TITLE:
SERIES 3000 FIXED IMPACT (SMI) WINDOW
VERTICAL SECTIONS E, F AND G

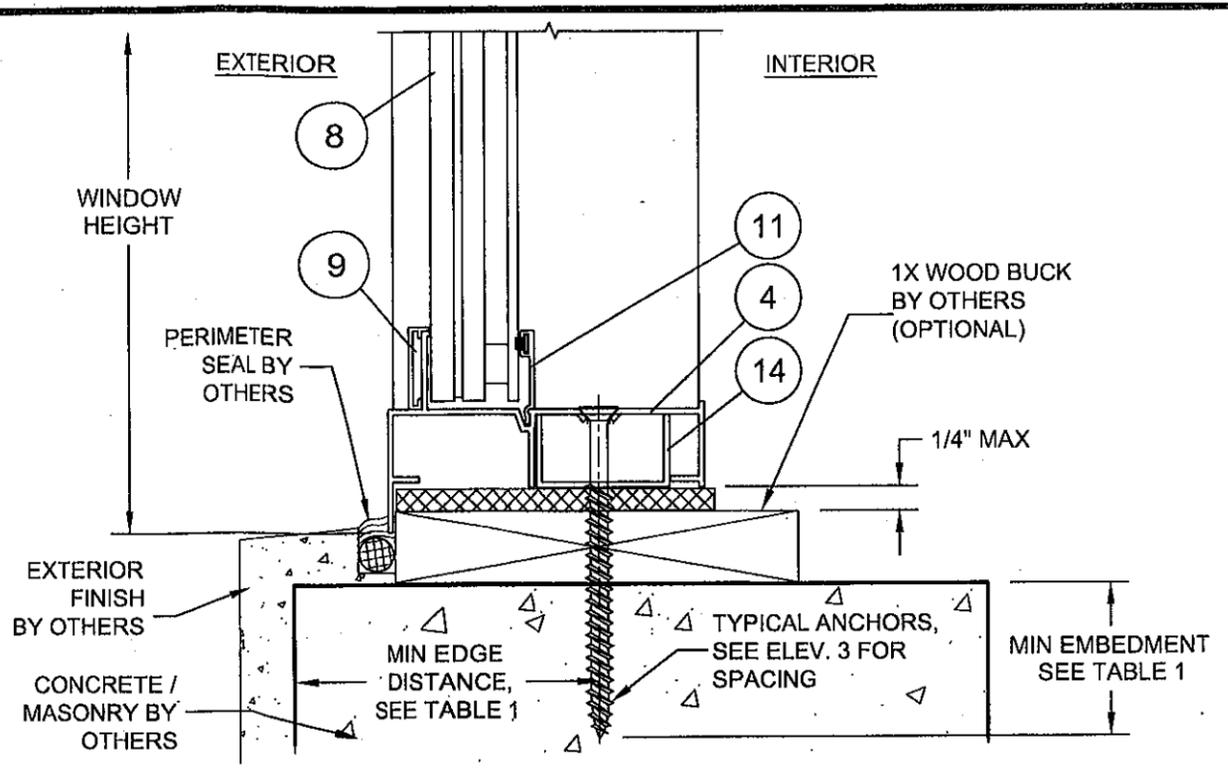
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REVISIONS		BY	DATE
SHEET	REV	DESCRIPTION	ORIGINAL ISSUE
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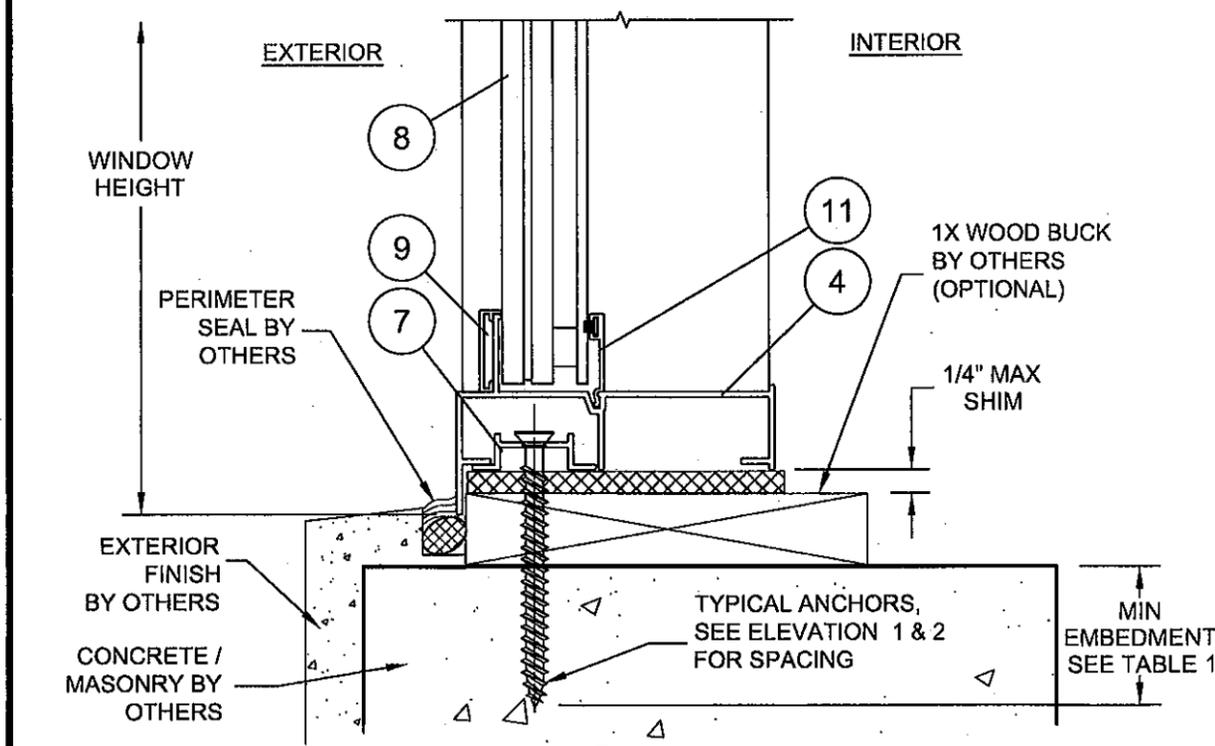
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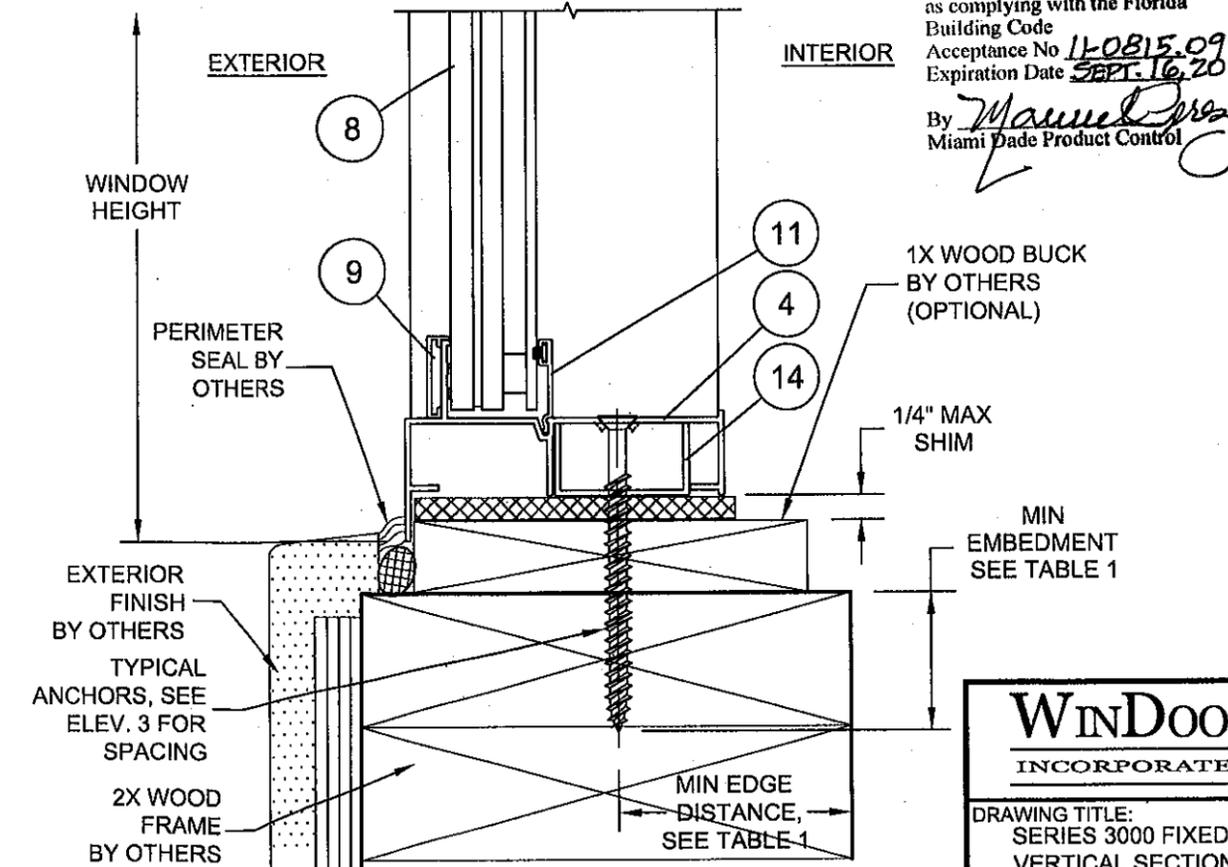
J VERTICAL SECTION
CONCRETE/MASONRY SUBSTRATE
WITH FLANGE FRAME



J VERTICAL SECTION
CONCRETE/MASONRY SUBSTRATE
WITH FLANGE FRAME

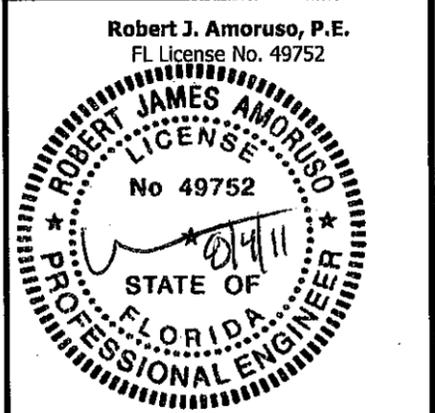


G VERTICAL SECTION
CONCRETE/MASONRY SUBSTRATE
WITH FLANGE FRAME



J VERTICAL SECTION
WOOD FRAME SUBSTRATE
WITH FLANGE FRAME

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321-690-1788 (P) 321-690-1789 (F)
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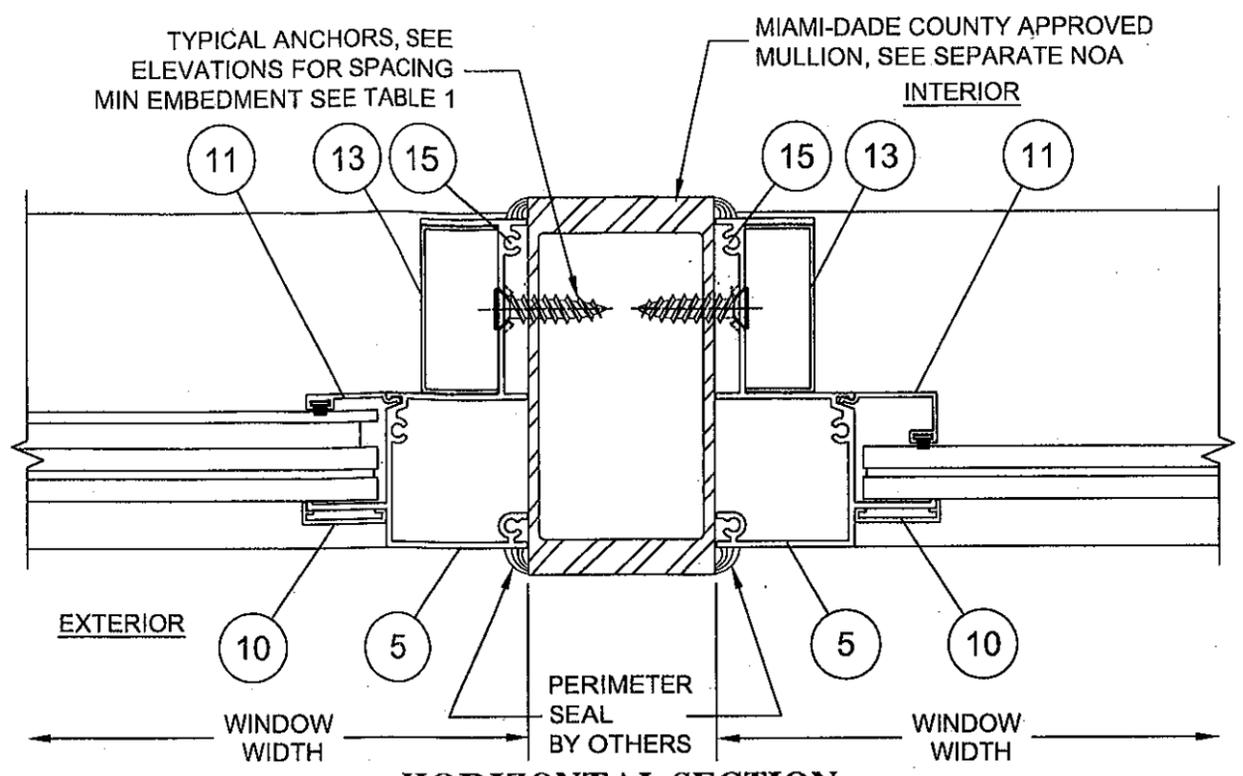
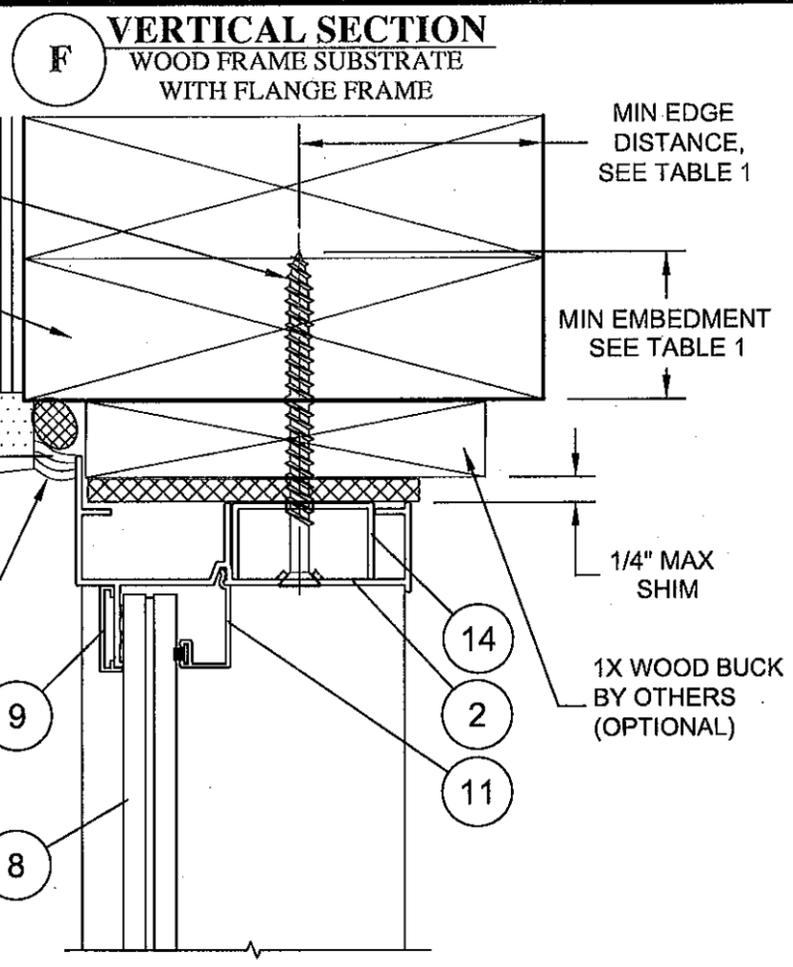
DRAWING TITLE:
SERIES 3000 FIXED IMPACT (SMI) WINDOW
VERTICAL SECTIONS G & J

SIZE	DRAWN BY: JBH	DWG NO. FEI0004	REV 0
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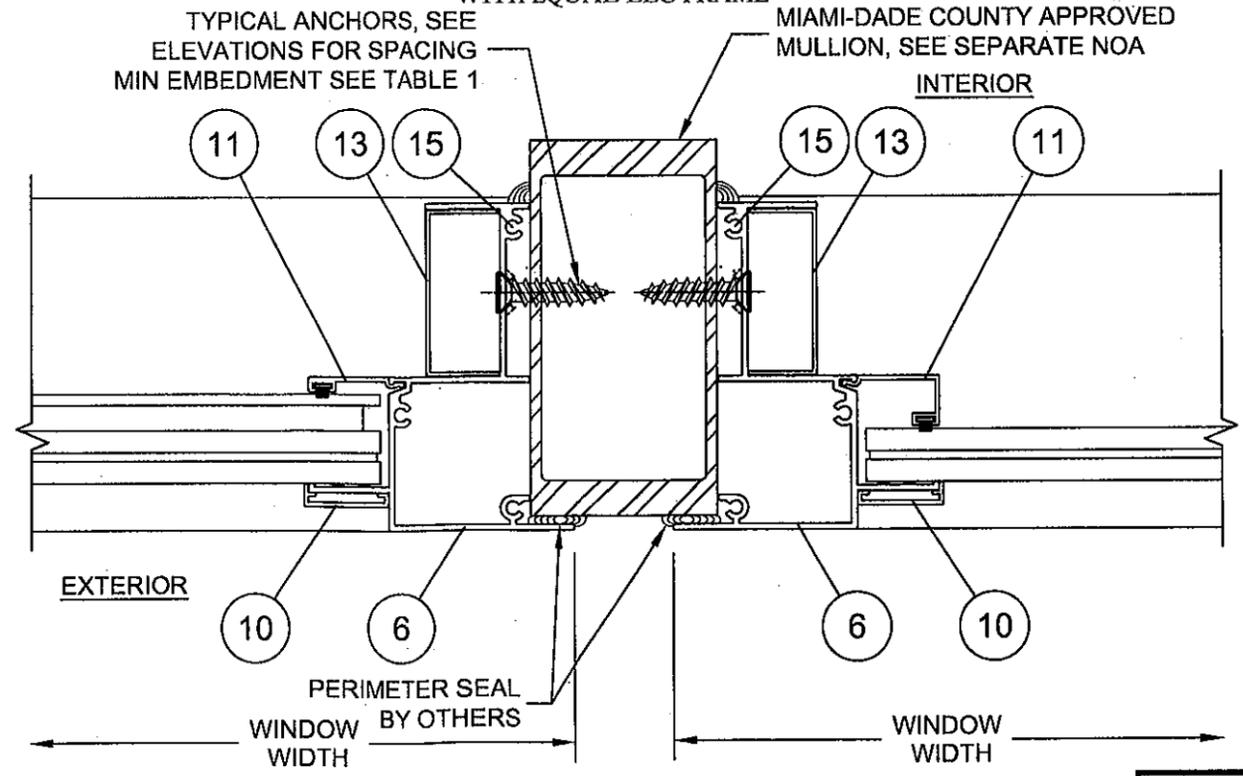
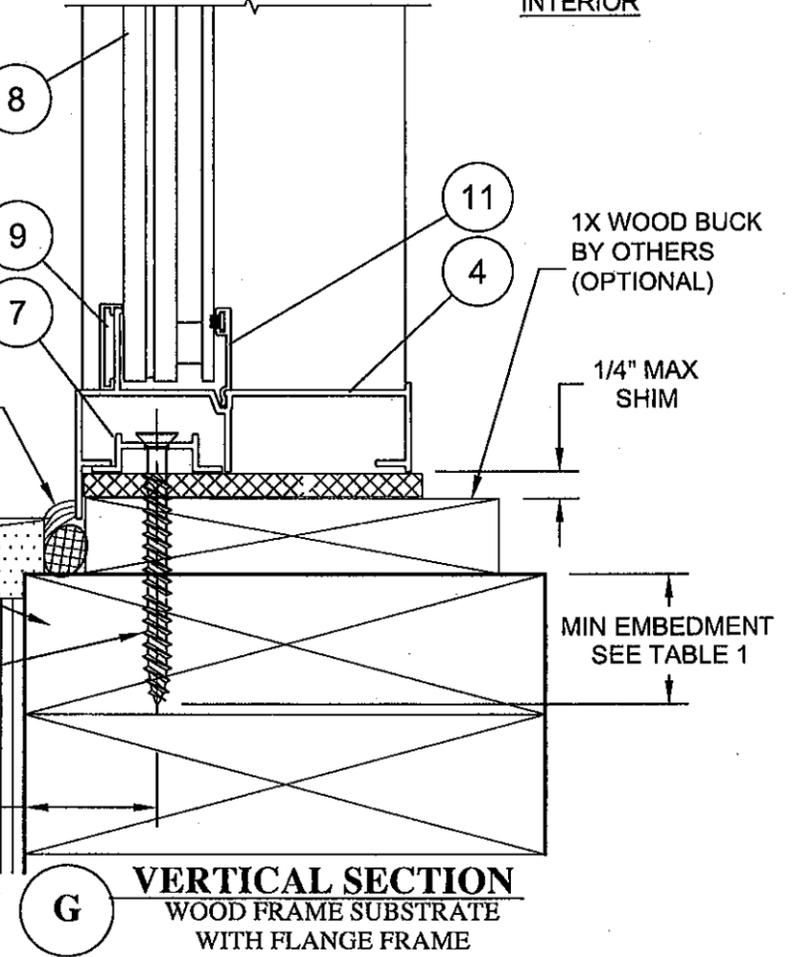
SCALE NTS	DATE: 07/01/11	SHEET 60F9
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DESCRIPTION	DATE	RJA
ORIGINAL ISSUE	07/01/11	
SHEET	REV	
	0	

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HORIZONTAL SECTION
2x4 ALUMINUM TUBE MULLION
WITH EQUAL LEG FRAME



HORIZONTAL SECTION
2x4 ALUMINUM TUBE MULLION
WITH FLANGE FRAME

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Expiration Date SEPT. 16, 2014
By *Manuel Diaz*
Miami Dade Product Control

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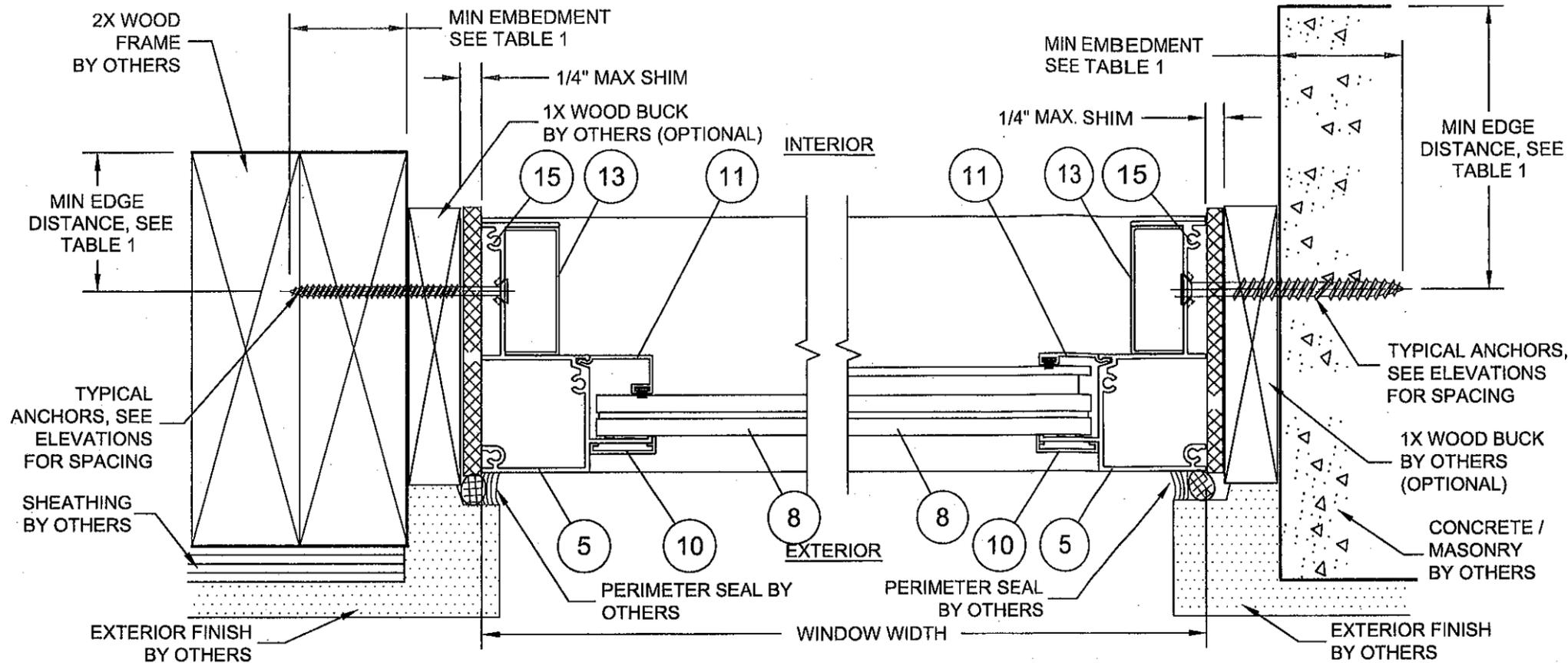
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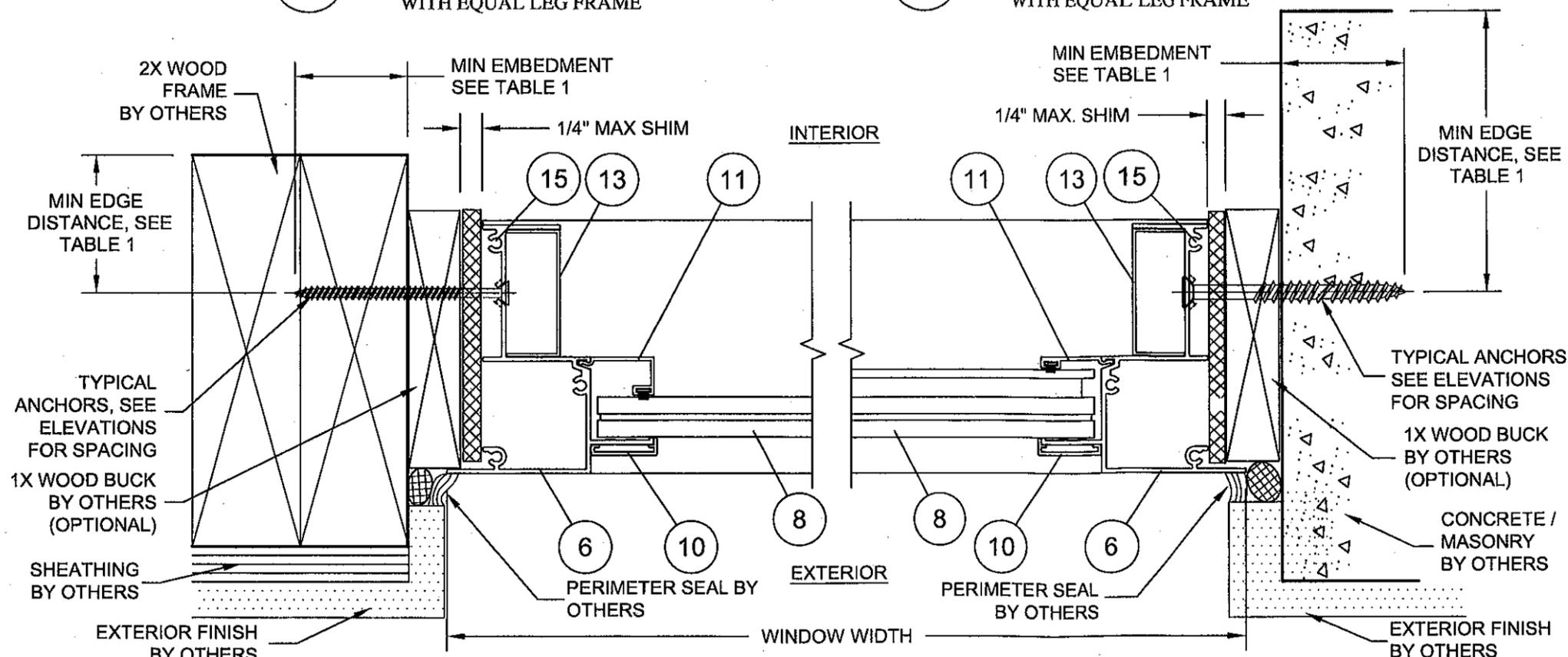
DRAWING TITLE:
SERIES 3000 FIXED IMPACT (SMI) WINDOW
VERTICAL SECTIONS F & G; HORIZONTAL MULLION SECTIONS

SIZE	DRAWN BY: JBH	DWG NO. FEI0004	REV 0
SCALE NTS	DATE: 07/01/11	SHEET 70F9	

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SHEET	REV	0	

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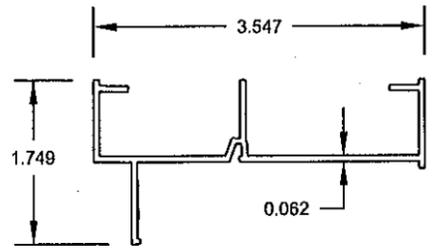
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DRAWING TITLE:
 SERIES 3000 FIXED IMPACT (SMI) WINDOW
 HORIZONTAL SECTIONS C, D, H & I

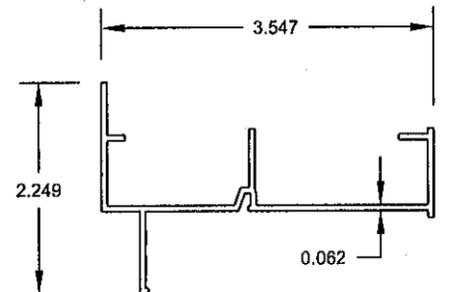
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SCALE NTS	DATE: 07/01/11	SHEET 80F9	

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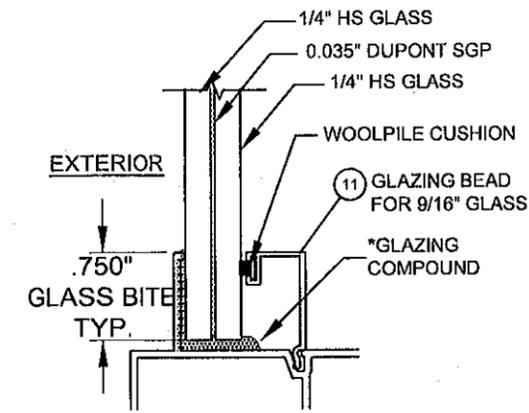
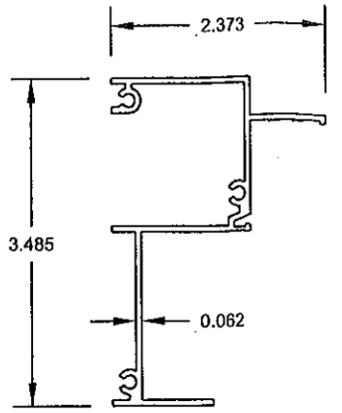
1 3 FRAME HEAD OR SILL-EQ LEG



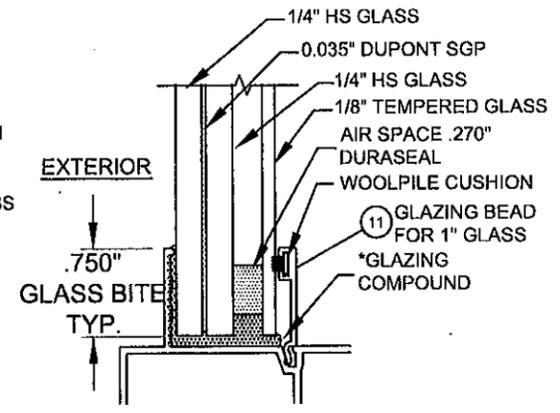
2 4 FRAME HEAD OR SILL-FLANGE



5 FRAME JAMB-EQ LEG



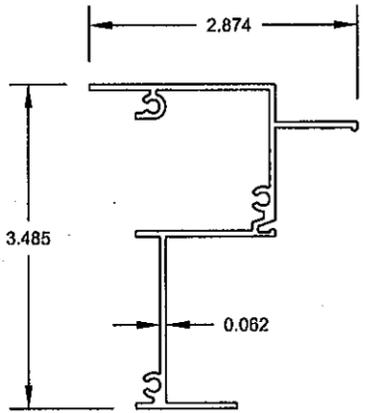
9/16" LAMI GLAZING DETAIL
GLASS TYPE 'C'



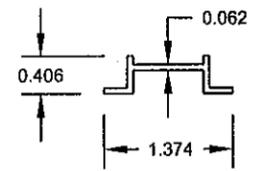
1" LAMI+IG GLAZING DETAIL
GLASS TYPE 'D'

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Miami/Dade Product Control

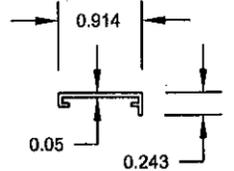
6 FRAME JAMB-FLANGE



7 SILL RETAINER



9 10 MUNTIN ADAPTOR
HORIZONTAL OR VERTICAL

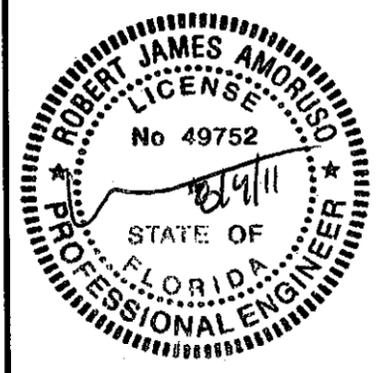


BILL OF MATERIALS

ITEM #	PART DESCRIPTION	PART # OR DWG NO.	MATERIAL
1	FRAME HEAD-EQ LEG	FE 5900	ALUM. EXTRUSION (6063-T6)
2	FRAME HEAD-FLANGE	FE 5907	ALUM. EXTRUSION (6063-T6)
3	FRAME SILL-EQ LEG	FE 5900	ALUM. EXTRUSION (6063-T6)
4	FRAME SILL-FLANGE	FE 5907	ALUM. EXTRUSION (6063-T6)
5	FRAME JAMB-EQ LEG	FE 5902	ALUM. EXTRUSION (6063-T6)
6	FRAME JAMB-FLANGE	FE 5909	ALUM. EXTRUSION (6063-T6)
7	SILL RETAINER	FE 5910	ALUM. EXTRUSION (6063-T6)
8	FIXED GLASS	NA	SEE GLAZING DETAILS
9	MUNTIN ADAPTER HORIZONTAL	FE 5911	ALUM. EXTRUSION (6063-T6)
10	MUNTIN ADAPTER VERTICAL	FE 5911	ALUM. EXTRUSION (6063-T6)
11	1" GLAZING BEAD 9/16" GLAZING BEAD	FE 5912 FE 5914	ALUM. EXTRUSION (6063-T6)
13	JAMB FILLER	FE 5918	ALUM. EXTRUSION (6063-T6)
14	FRAME HEAD OR SILL FILLER	FE 5922	ALUM. EXTRUSION (6063-T6)
15	FRAME ASSEMBLY SCREW	NA	#8 x 3/4" PN SMS SS

NOTES:
LAMI: LAMINATED GLASS
IG: INSULATED GLASS

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PO Box 520775
Longwood, FL 32752-0775
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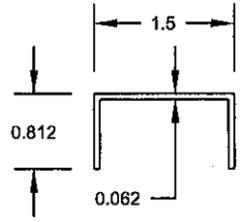
DRAWING TITLE:
SERIES 3000 FIXED IMPACT (SMI) WINDOW
COMPONENTS, BILLS OF MATERIAL AND GLAZING DETAILS

SIZE	DRAWN BY: JBH	DWG NO. FEI0004	REV 0
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SCALE NTS	DATE: 07/01/11	SHEET 90F9
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*APPROVED GLAZING COMPOUNDS
1- NATIONAL STARCH HOT MELT
2- DOW CORNING 995 SILICONE

14 FRAME HEAD OR SILL FILLER



REVISIONS

BY	DATE	DESCRIPTION
RJA	07/01/11	ORIGINAL ISSUE

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