



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

NOTICE OF ACCEPTANCE (NOA)

www.maimidade.gov/buildingcode

Simonton Windows
One Cochrane Drive
Pennsboro, WV 26415

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 "300VL Stormbreaker Plus" White PVC Fixed Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W08-92**, titled "Storm Breaker Plus 300 Vinyl Fixed Wdw. (L.M.I.)", sheets 1 through 5 of 5, dated 11/13/08, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, 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: 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 **revises NOA # 06-0914.03** 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. 09-0212.03
Expiration Date: April 29, 2009
Approval Date: March 25, 2009
 Page 1

Simonton Windows

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **W08-92**, Sheets 1 through 5 of 5, titled "Storm Breaker Plus 300 Vinyl Fixed Sld. Wdw. (L.M.I.)", dated 11/13/08, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E.

B. TESTS

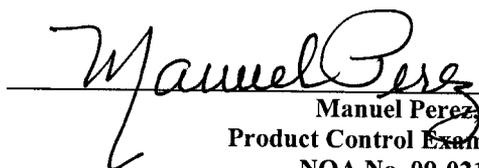
1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of vinyl PVC fixed window, prepared by Certified Testing Laboratories, Test Report No. **CTLA-1890W**, dated 08/28/08, signed and sealed by Ramesh Patel, 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) Large 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 a vinyl PVC fixed window, prepared by Hurricane Test Laboratory, Inc., Test Report No. **ATI-48840.01-122-18** dated 01/05-16/04, signed and sealed by Joseph A. Reed, P.E. With revision #1 dated 06/30/06, signed and sealed by Steven M. Urich, P.E.
(Submitted under previous NOA # 04-0303.01)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004 and 2007, prepared by Al-Farooq Corporation, dated 01/05/09, signed and sealed by Humayoun Farooq, P.E.
Complies with ASTM E1300-02/04

D. QUALITY ASSURANCE

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


Manuel Perez, P.E.
Product Control Examiner
NOA No. 09-0212.03
Expiration Date: April 29, 2009
Approval Date: March 25, 2009

Simonton Windows

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **07-1116.04** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont SentryGlas ® Plus**" dated 01/03/08, expiring on 01/14/12.
2. Notice of Acceptance No. **08-0620.10** issued to VEKA, Inc. for their "**White Rigid PVC Exterior Profile Extrusions for Windows and Doors**" dated 08/07/08, expiring on 03/04/12.
3. Notice of Acceptance No. **08-0804.09** issued to Sim Ex, Inc. for their "**White Rigid PVC Exterior Profile Extrusions for Windows and Doors**" dated 10/16/08, expiring on 10/12/13.

F. STATEMENTS

1. Statement letter of conformance, dated January 5, 2009, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, dated January 5, 2009, signed and sealed by Humayoun Farooq, P.E.

G. OTHER

1. Notice of Acceptance No. **06-0914.03**, issued to Simonton Windows for their Series "**300VL Stormbreaker Plus**" **White PVC Fixed Window – L.M.I.**, approved on 04/12/07 and expiring on 04/29/09.


Manuel Perez, P.E.
Product Control Examiner

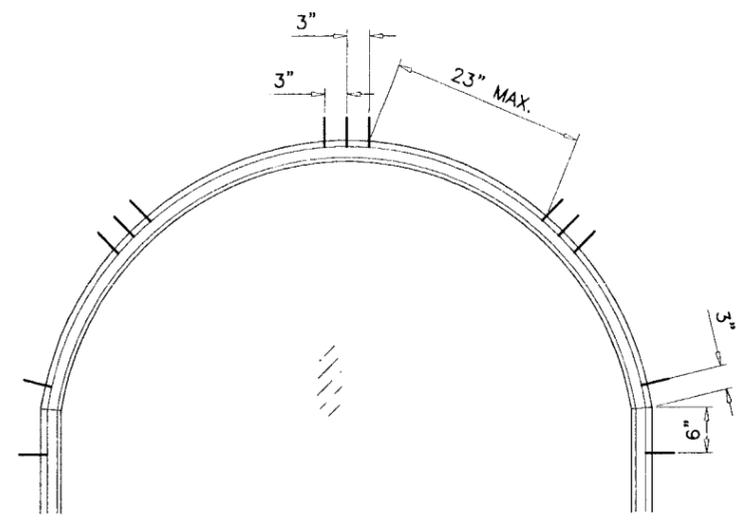
NOA No. 09-0212.03

Expiration Date: April 29, 2009

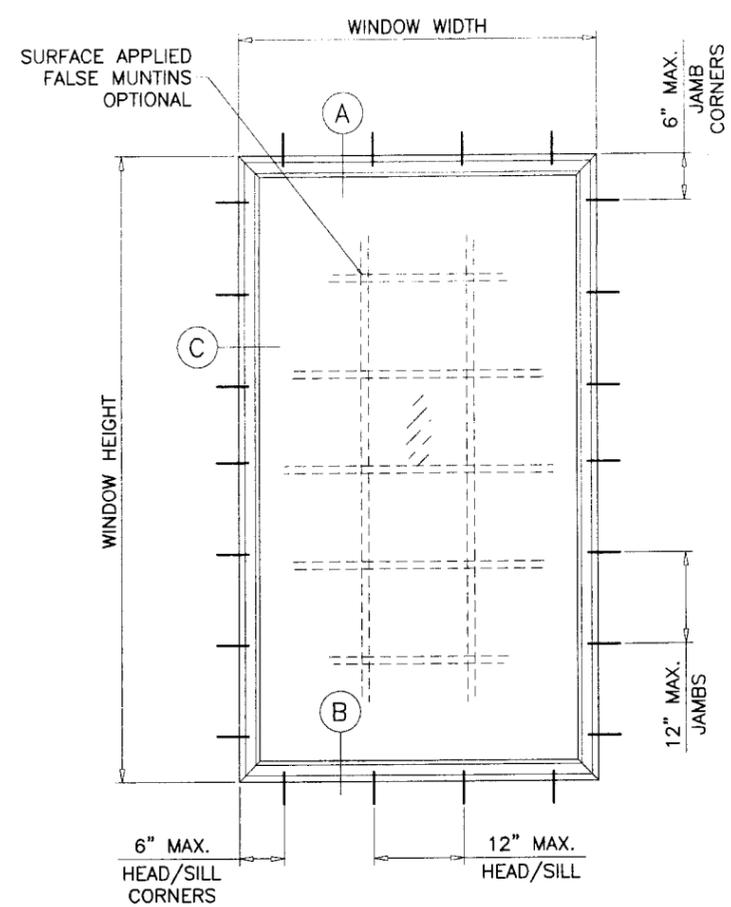
Approval Date: March 25, 2009

revisions:	no	date	by	description

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ARCH WDW. ANCHOR OPTION



TYPICAL ELEVATION

THESE WINDOWS ARE RATED FOR LARGE MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

**STORM BREAKER PLUS 300
 EXTRUDED VINYL PVC FIXED WINDOW**

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHART SHOWN ON SHEET 2.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF FIX./FIX. OR FIXED WDW. WITH OTHER MIAMI-DADE COUNTY APPROVED WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN.

LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004/2007 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

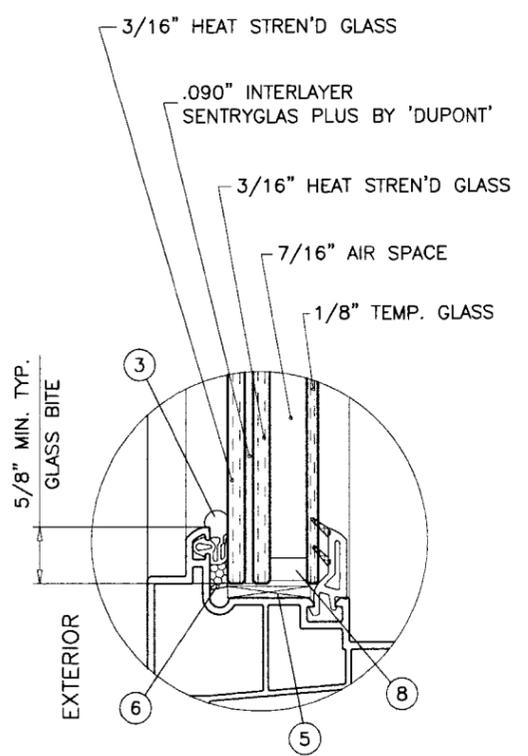
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

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

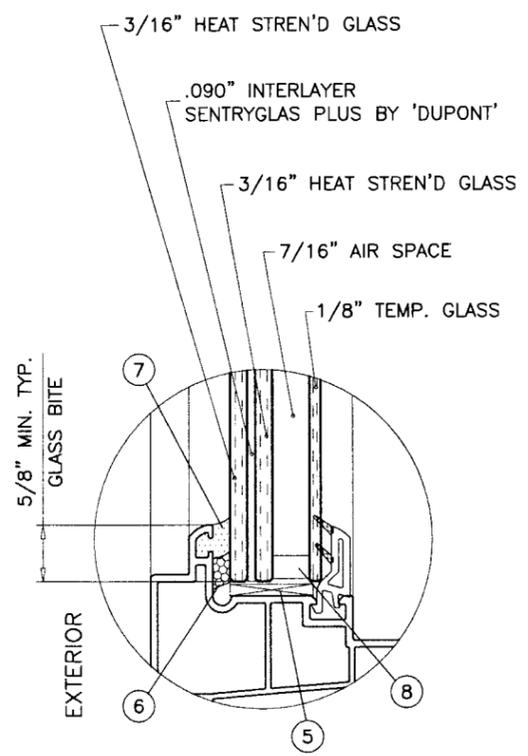
ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2004/2007 FLORIDA BLDG. CODE SECTION 2003.8.4.



GLAZING TYPE 'A'

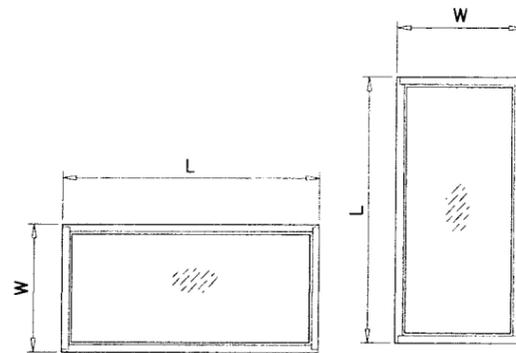


GLAZING TYPE 'B'

GLAZING OPTIONS

Engr: DR. HUMAYOON FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538

FEB 06 2009

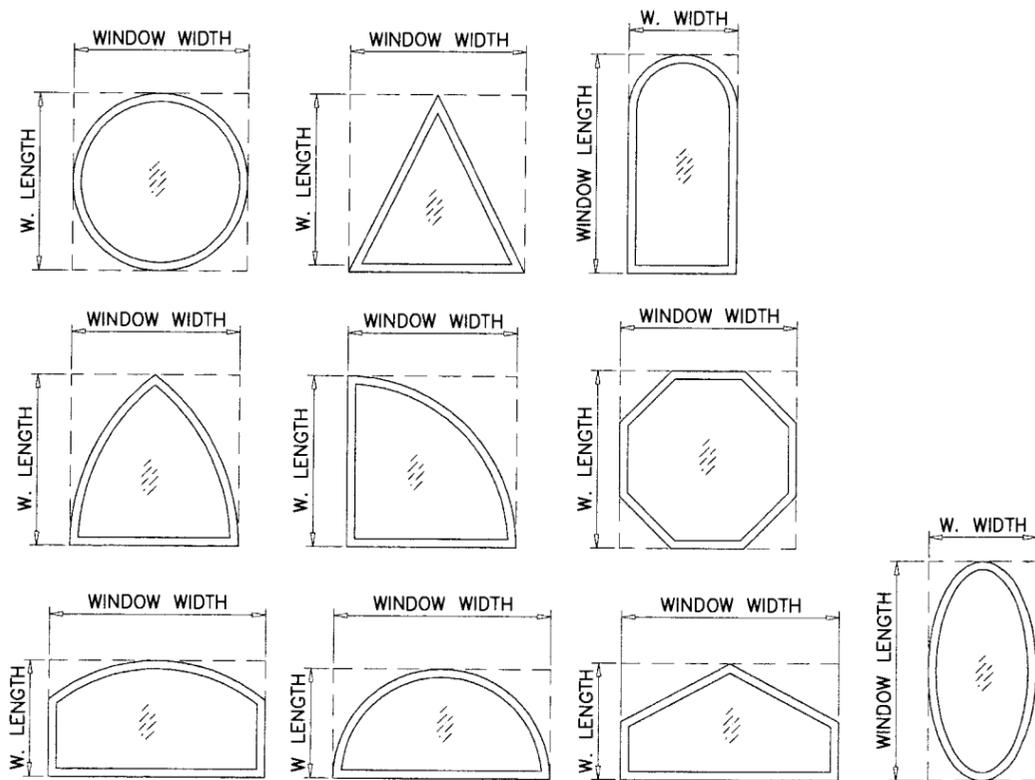


NOTE:
WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.

DESIGN LOAD CAPACITY - PSF					
WINDOW DIMS.		GLAZING TYPE 'A'		GLAZING TYPE 'B'	
WIDTH (W)	LENGTH (L)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
36"	60"	65.0	65.0	65.0	65.0
42"		65.0	65.0	65.0	65.0
48"		65.0	65.0	65.0	65.0
54"		65.0	65.0	65.0	65.0
60"		65.0	65.0	65.0	65.0
66"		65.0	65.0	50.0	50.0
72"		65.0	65.0	50.0	50.0
36"	66"	65.0	65.0	65.0	65.0
42"		65.0	65.0	65.0	65.0
48"		65.0	65.0	65.0	65.0
54"		65.0	65.0	65.0	65.0
60"		65.0	65.0	50.0	50.0
66"		52.2	52.2	-	-
72"		65.0	65.0	65.0	65.0
36"	72"	65.0	65.0	65.0	65.0
42"		65.0	65.0	65.0	65.0
48"		65.0	65.0	65.0	65.0
54"		65.0	65.0	50.0	50.0
60"		65.0	65.0	50.0	50.0
36"	84"	65.0	65.0	65.0	65.0
42"		65.0	65.0	65.0	65.0
48"		65.0	65.0	50.0	50.0
54"		57.8	57.8	-	-
60"		65.0	65.0	65.0	65.0
36"	96"	65.0	65.0	65.0	65.0
42"		65.0	65.0	50.0	50.0
48"		65.0	65.0	-	-
36"	108"	65.0	65.0	50.0	50.0
42"		65.0	65.0	-	-
36"	120"	65.0	65.0	50.0	50.0

DESIGN LOAD CAPACITY - PSF					
WINDOW DIMS.		GLAZING TYPE 'A'		GLAZING TYPE 'B'	
WIDTH (W)	LENGTH (L)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
19-1/8"	26-1/2"	65.0	65.0	65.0	65.0
26-1/2"		65.0	65.0	65.0	65.0
37"		65.0	65.0	65.0	65.0
48"		65.0	65.0	65.0	65.0
53-1/8"		65.0	65.0	65.0	65.0
19-1/8"	38-3/8"	65.0	65.0	65.0	65.0
26-1/2"		65.0	65.0	65.0	65.0
37"		65.0	65.0	65.0	65.0
48"		65.0	65.0	65.0	65.0
53-1/8"	50-5/8"	65.0	65.0	65.0	65.0
19-1/8"		65.0	65.0	65.0	65.0
26-1/2"		65.0	65.0	65.0	65.0
37"		65.0	65.0	65.0	65.0
48"		65.0	65.0	65.0	65.0
53-1/8"	56"	65.0	65.0	65.0	65.0
19-1/8"		65.0	65.0	65.0	65.0
26-1/2"		65.0	65.0	65.0	65.0
37"		65.0	65.0	65.0	65.0
48"		65.0	65.0	65.0	65.0
53-1/8"	63"	65.0	65.0	65.0	65.0
19-1/8"		65.0	65.0	65.0	65.0
26-1/2"		65.0	65.0	65.0	65.0
37"		65.0	65.0	65.0	65.0
48"		65.0	65.0	65.0	65.0
53-1/8"	72"	65.0	65.0	65.0	65.0
19-1/8"		65.0	65.0	65.0	65.0
26-1/2"		65.0	65.0	65.0	65.0
37"		65.0	65.0	65.0	65.0
48"		65.0	65.0	65.0	65.0
53-1/8"	76-3/4"	65.0	65.0	50.0	50.0
19-1/8"		65.0	65.0	65.0	65.0
26-1/2"		65.0	65.0	65.0	65.0
37"		65.0	65.0	65.0	65.0
48"		65.0	65.0	65.0	65.0
53-1/8"	65.0	65.0	50.0	50.0	

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-02/04 (3 SEC. GUSTS).



ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE VERIFIED BY INSCRIBING PICTURE WINDOW SHAPE WITHIN SQUARE OR RECTANGLE AS SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES.

Engr: DR. HUMAYOON FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

FEB 06 2009

afc
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W08-92SW

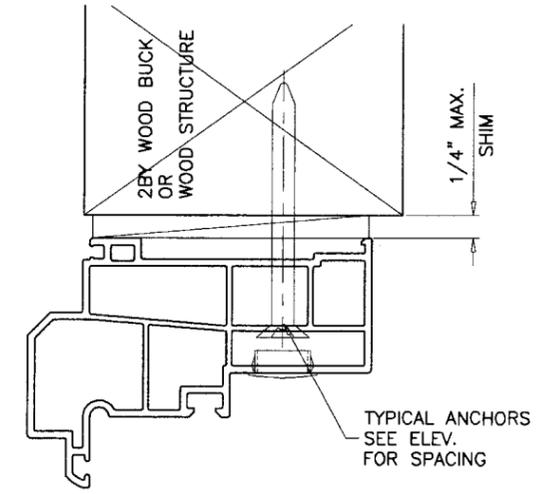
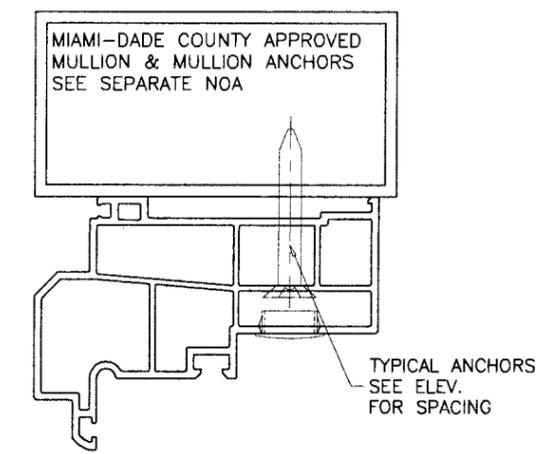
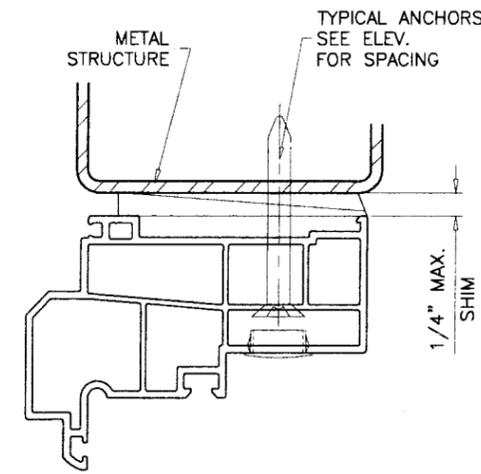
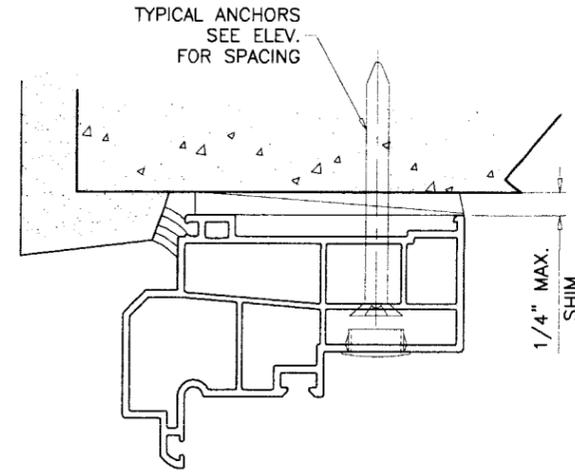
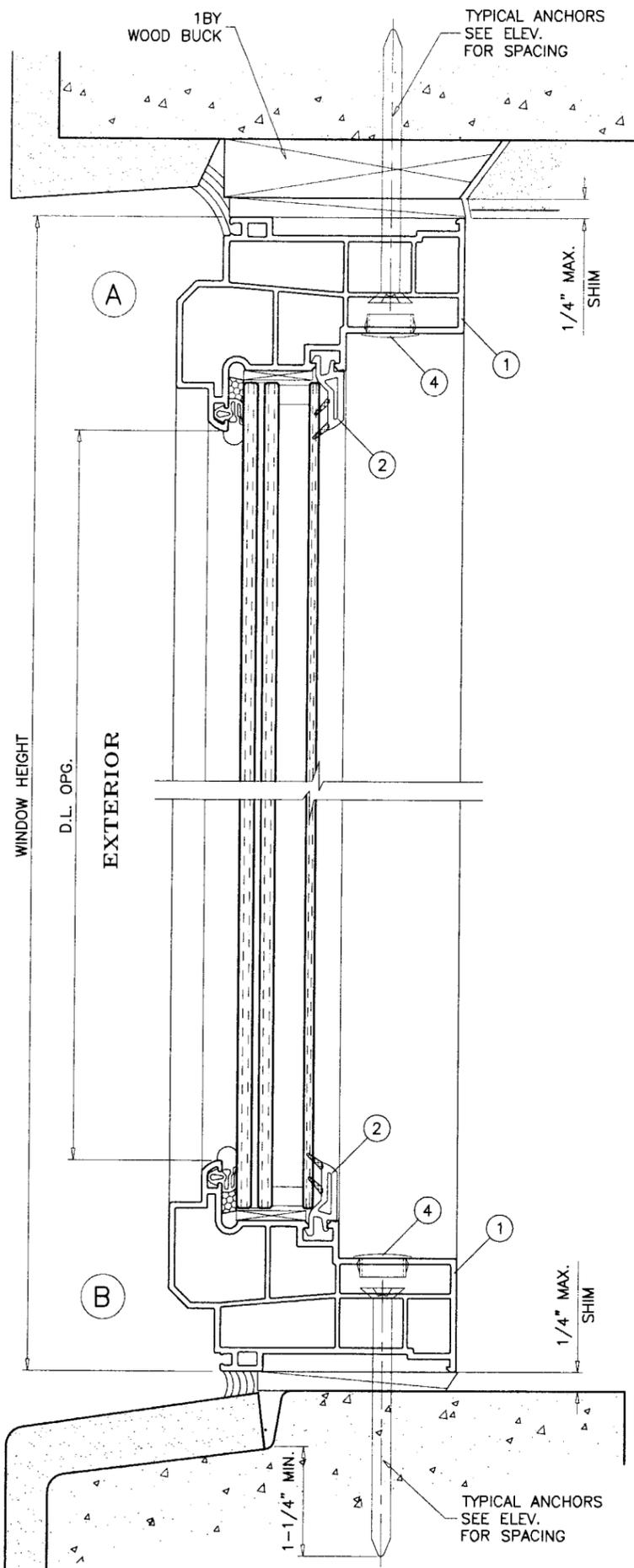
STORM BREAKER PLUS 300 VINYL FIXED WDW. (L.M.I.)
SIMONTON WINDOWS
ONE COCHRANE AVE.
PENNSBORO, WV. 26415
TEL. (-) FAX. (-)

revisions:	no	date	description

date: 11-13-08
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W08-92

sheet 2 of 5



WOOD BUCKS AND METAL STRUCTURE NOT BY SIMONTON WDW. MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD
 THRU 1BY BUCKS INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY
 DIRECTLY INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

1/4" TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)
 INTO METAL STRUCTURES
 STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)
 ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

#12 SMS OR SELF DRILLING SCREWS
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")
 (NO SHIM SPACE)

TYPICAL EDGE DISTANCE
 INTO CONCRETE AND MASONRY = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 1" MIN.
 INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE f'c = 2730 PSI MIN.
 MASONRY f'm = 1924 PSI MIN.

SEALANTS:
 FRAME CORNERS AND INSTALLATION SCREWS AT SILL
 SEALED WITH WHITE/ALUMINUM COLORED SEALANT.

Engr: DR. HUMAYOON FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538

[Signature]

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STORM BREAKER PLUS 300 VINYL FIXED WDW. (L.M.I.)

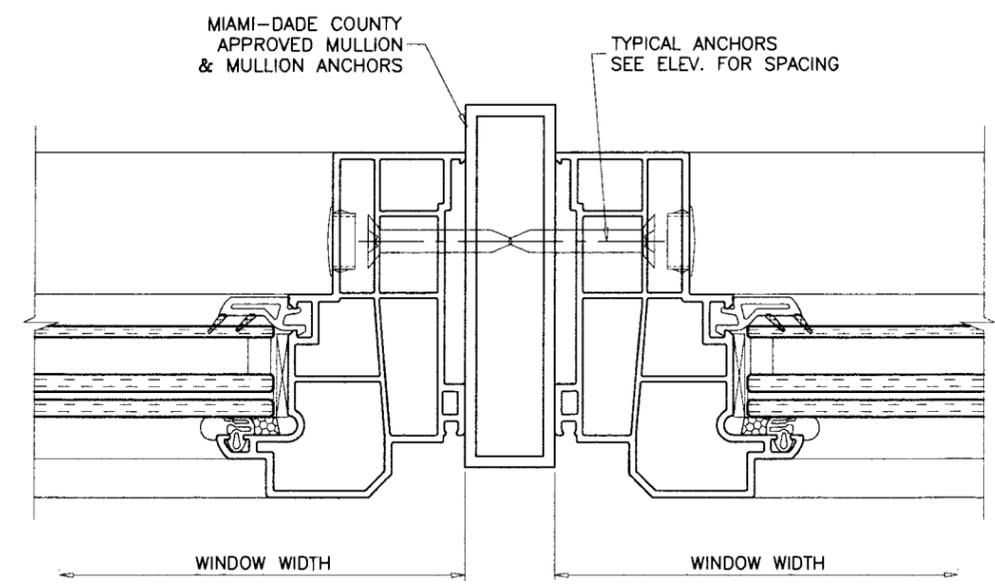
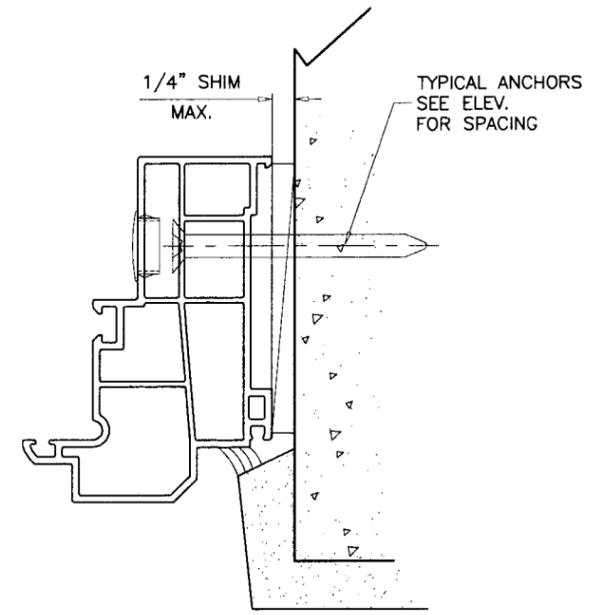
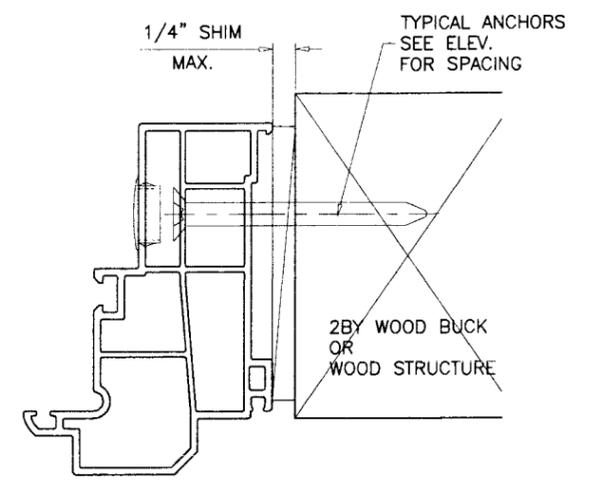
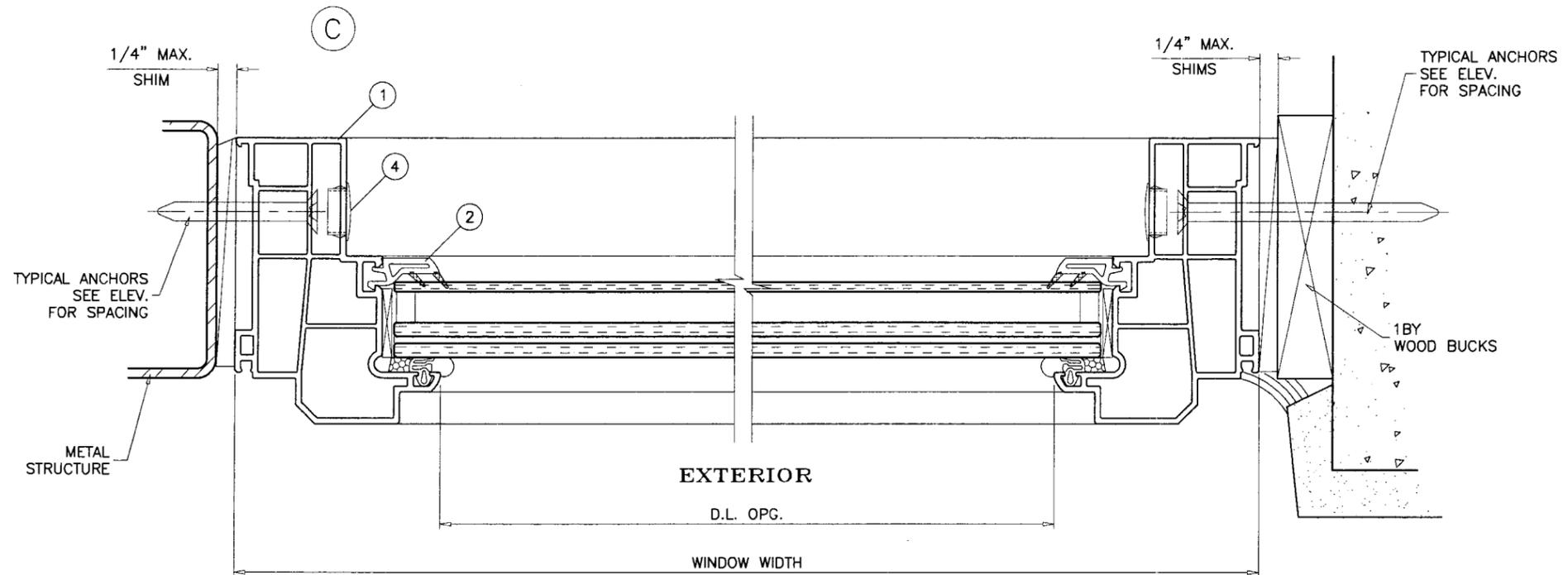
SIMONTON WINDOWS
 ONE COCHRANE AVE.
 PENNSBORO, WV. 26415
 TEL. (-) FAX. (-)

revisions:	
no	date by description

date: 11-13-08	scale: 1/2" = 1"	dr. by: HAMID	chk. by:
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drawing no. **W08-92**

sheet 3 of 5



Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538

[Signature]

FEB 06 2009

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SIMONTON WINDOWS
 ONE COCHRANE AVE.
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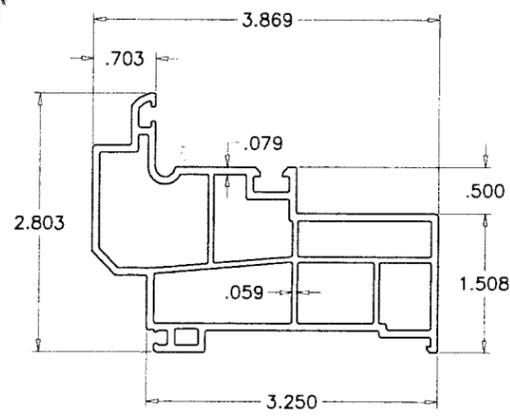
Revisions:

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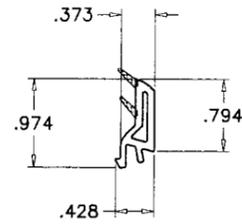
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drawing no.
W08-92
 sheet 4 of 5

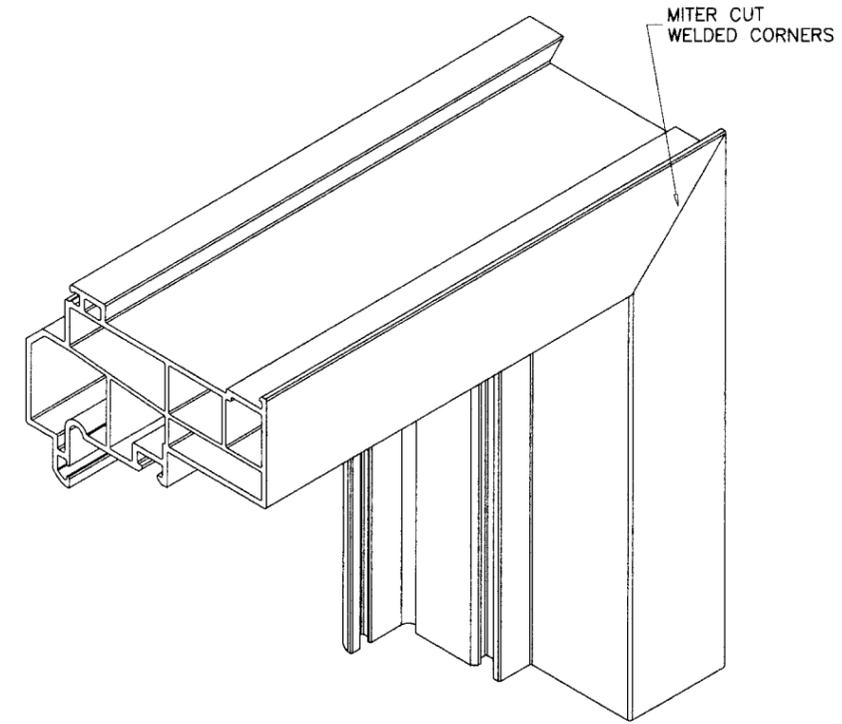
ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	PW09025	4	WINDOW FRAME	PVC	SIMEX
2	BV34	4	GLAZING STOP	PVC	VEKA
3	SG3004	4	GLAZING GASKET	EPDM	RENKO CANADA
4	-	AS REQD.	INSTALLATION SCREW CAP	PVC	-
5	-	-	SETTING BLOCK	NEOPRENE	-
6	939A	AS REQD.	GLAZING COMPOUND	SILICONE	NATIONAL STARCH
7	HIS	AS REQD.	GLAZING COMPOUND	SILICONE	PECORA
8	-	4	GLAZING SPACER	ALUM/FOAM	-
9	-	-	-	-	-



① WINDOW FRAME



② WINDOW FRAME



FRAME CORNERS

Engr: DR. HUMAYGUN FAROOQ
STRUCTURES
FLA. PE # 18557
C.A.N. 3538

[Signature]

FEB 06 2009

af c
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STORM BREAKER PLUS 300 VINYL FIXED WDW. (L.M.I.)
SIMONTON WINDOWS
ONE COCHRANE AVE.
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sheet 5 of 5