



**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) 375-2908**

NOTICE OF ACCEPTANCE (NOA)

**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: Storm Breaker Plus Extrude Vinyl PVC Fixed Frame Window

APPROVAL DOCUMENT: Drawing No. **S-2376**, dated 01/21/04, titled "Storm Breaker Plus Extrude Vinyl PVC Fixed Frame Window", sheets 1 through 5 of 5, prepared by R.W. Building Consultants, Inc., signed and sealed by Wendell W. Haney, 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: Large and Small Missile Impact

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 **Theodore Berman, P.E.**

TJB
4/5/2004



**NOA No 04-0303.01
Expiration Date: April 29, 2009
Approval Date: April 29, 2004
Page 1**

Simonton Windows

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **S-2376**, Sheets 1 through 5 of 5, titled "Storm Breaker Plus Extrude Vinyl PVC Fixed Frame Window", prepared by R.W. Building Consultants, Inc., dated 01/25/04, signed and sealed by Wendell W. Haney, 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) 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-01-48840.01** dated January 05 thru 16, 2004, signed and sealed by Joseph A. Reed, P.E.

C. CALCULATIONS

1. Anchor Calculations, ASTM-E1300, and structural analysis, prepared by R.W. Building Consultants Inc., dated 02/26/04, signed and sealed by Wendell W. Haney, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **01-1204.01** issued to "E.I. DuPont DeNemours" for "Sentry Glass ® Plus" dated 01/17/02, expiring on 1/14/07.
2. Notice of Acceptance No. **03-0507.07** issued to "SimEx, Inc." for "White Rigid PVC Exterior Extrusions for Windows and Doors" dated 08/14/03 expiring on 10/12/03.
3. Notice of Acceptance NO. **03-0711.02** issued to "Dayton Technologies" for "White Rigid PVC Exterior Extrusions for Windows and Doors" dated 02/19/04 expiring on 02/19/09.

F. STATEMENTS

1. Statement letter of no financial interest, dated June 17, 2003 signed by Allan Crum.


Theodore Berman, P.E.

Deputy Director, Product Control Division

NOA No 04-0303.01

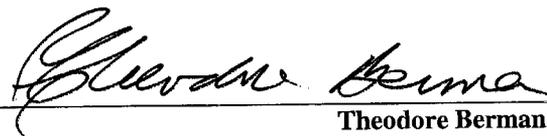
Expiration Date: April 29, 2009

Approval Date: April 29, 2004

Simonton Windows

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Statement letter of no financial interest, issued by R.W. Building Consultants Inc. on February 26, 2004 signed and sealed by Wendell W. Haney, P.E.
- G. OTHER**
1. Letter from the consultant stating that the product is in compliance with the Florida Building Code (FBC).



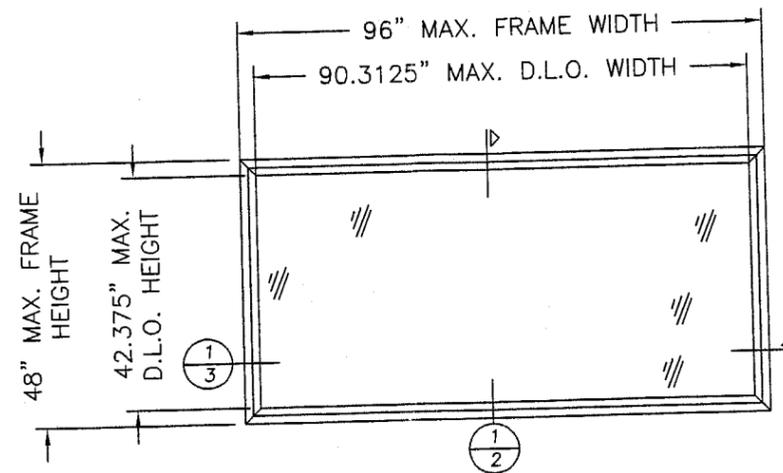
**Theodore Berman, P.E.
Deputy Director, Product Control Division**

**NOA No 04-0303.01
Expiration Date: April 29, 2009
Approval Date: April 29, 2004**



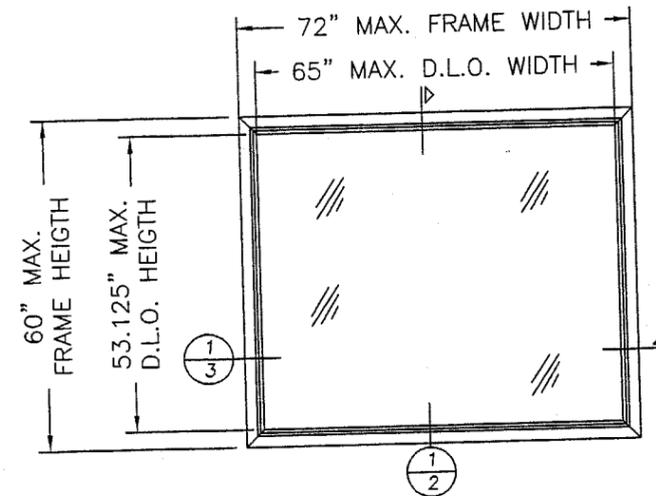
1 Cochrane Avenue Pennsboro, WV 26415 Ph. 800.426.2249

STORM BREAKER PLUS IMPACT RESISTANT VINYL PVC PICTURE & NO HINGE CASEMENT WINDOWS



98" x 46" PICTURE WINDOW
STORM BREAKER PLUS

| DESIGN PRESSURE RATING | |
|------------------------|-----------|
| +65.0 PSF | -65.0 PSF |

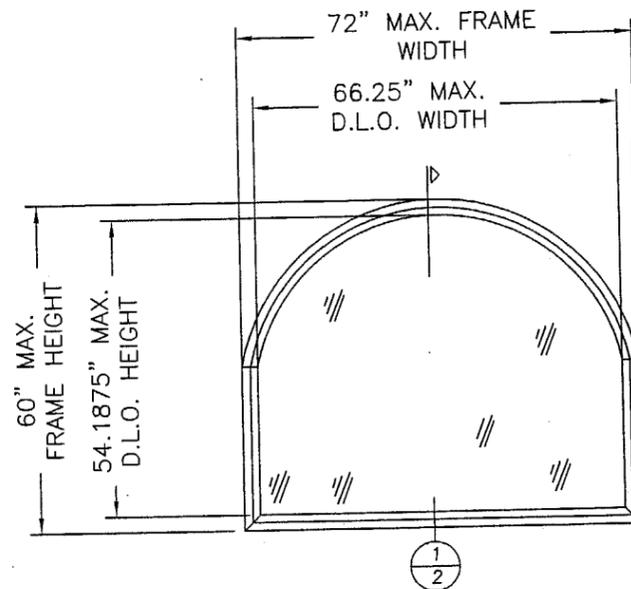


72" x 60" PICTURE WINDOW
STORM BREAKER PLUS HO HINGE CASEMENT

| DESIGN PRESSURE RATING | |
|------------------------|-----------|
| +50.0 PSF | -50.0 PSF |

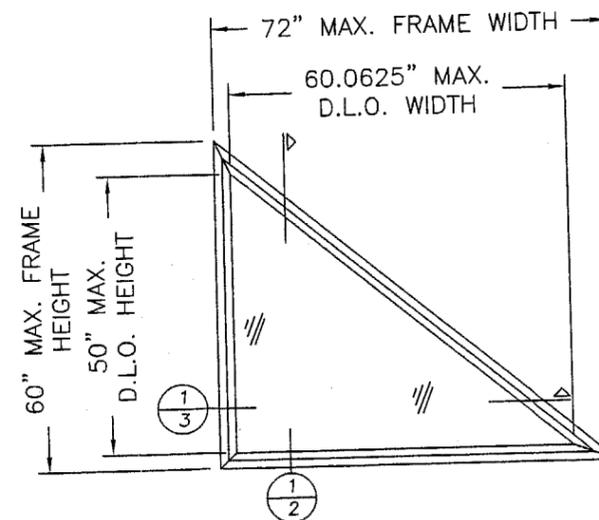
GENERAL NOTES:

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE "HVHZ" FLORIDA BUILDING CODE.
2. WOOD BUCKS MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO STRUCTURE AND TO BE REVIEWED BY BUILDING OFFICIAL.
3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. FOR DESIGN PRESSURE RATING SEE DIFFERENT CONFIGURATIONS, THIS SHEET.
5. INSTALLATION OF THIS SYSTEM DOES NOT REQUIRE THE USE OF APPROVED SHUTTER/EXTERNAL PROTECTION DEVICE.
6. THIS PRODUCT MEETS WATER REQUIREMENTS FOR HIGH VELOCITY HURRICANE ZONES.



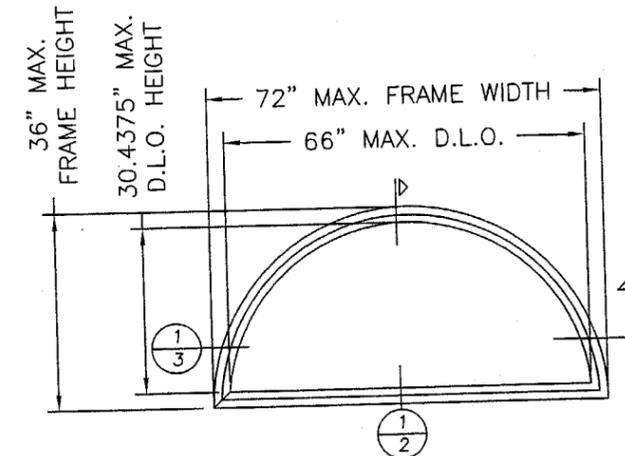
72" x 60" PICTURE WINDOW
STORM BREAKER PLUS EYEBROW W/ LEGS

| DESIGN PRESSURE RATING | |
|------------------------|-----------|
| +65.0 PSF | -65.0 PSF |



72" x 60" PICTURE WINDOW
STORM BREAKER PLUS UN-EQUAL LEG TRIANGLE

| DESIGN PRESSURE RATING | |
|------------------------|-----------|
| +65.0 PSF | -65.0 PSF |



72" x 36" PICTURE WINDOW
STORM BREAKER PLUS HALF ROUND

| DESIGN PRESSURE RATING | |
|------------------------|-----------|
| +65.0 PSF | -65.0 PSF |

| TABLE OF CONTENTS | |
|-------------------|---|
| SHEET # | DESCRIPTION |
| 1 | GENERAL NOTES & TYPICAL ELEVATIONS |
| 2 | VERTICAL CROSS SECTIONS |
| 3 | HORIZONTAL CROSS SECTIONS |
| 4 | ANCHORING LOCATIONS |
| 5 | COMPONENTS, BILL OF MATERIALS & GLAZING DETAILS |

ALL MODELS ARE VIEWED FROM EXTERIOR

Approved as complying with the Florida Building Code
Date: 09/29/04
NOAA 04-0303.01
Miami Trade Product Control
[Signature]

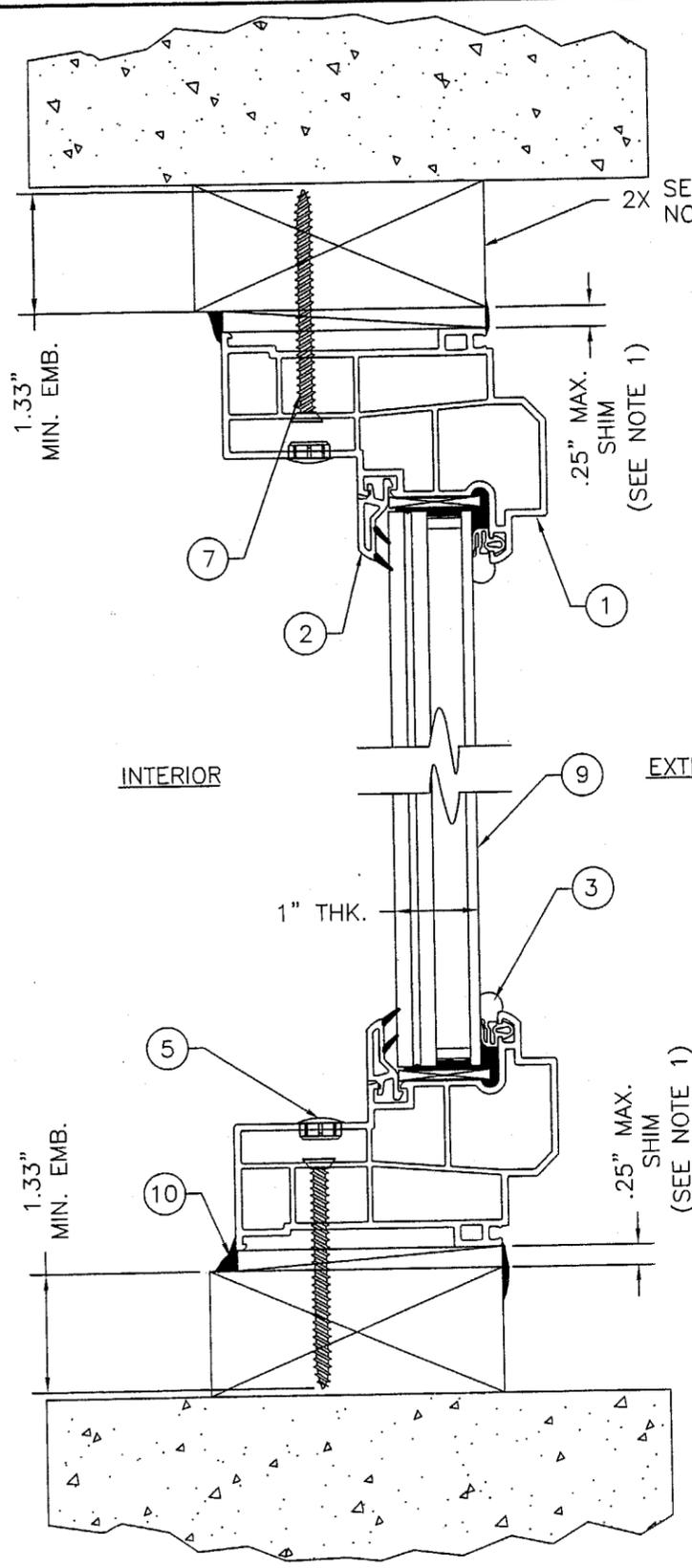
| | |
|--------------|---------|
| DATE: | 1/21/04 |
| SCALE: | N.T.S. |
| DWG. BY: | TJH |
| CHK. BY: | WH |
| DRAWING NO.: | S-2376 |
| SHEET | 1 OF 5 |

Product Approval Documents Prepared By:
RW
BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.0197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
2/26/04
Wendell W. Haney, P.E. NO. 54158

PRODUCT:
STORM BREAKER PLUS
EXTRUDED VINYL PVC
FIXED FRAME WINDOWS

PART OR ASSEMBLY:
GENERAL NOTES &
TYPICAL ELEVATIONS

| NO. | DATE | BY | REVISIONS |
|-----|------|----|-----------|
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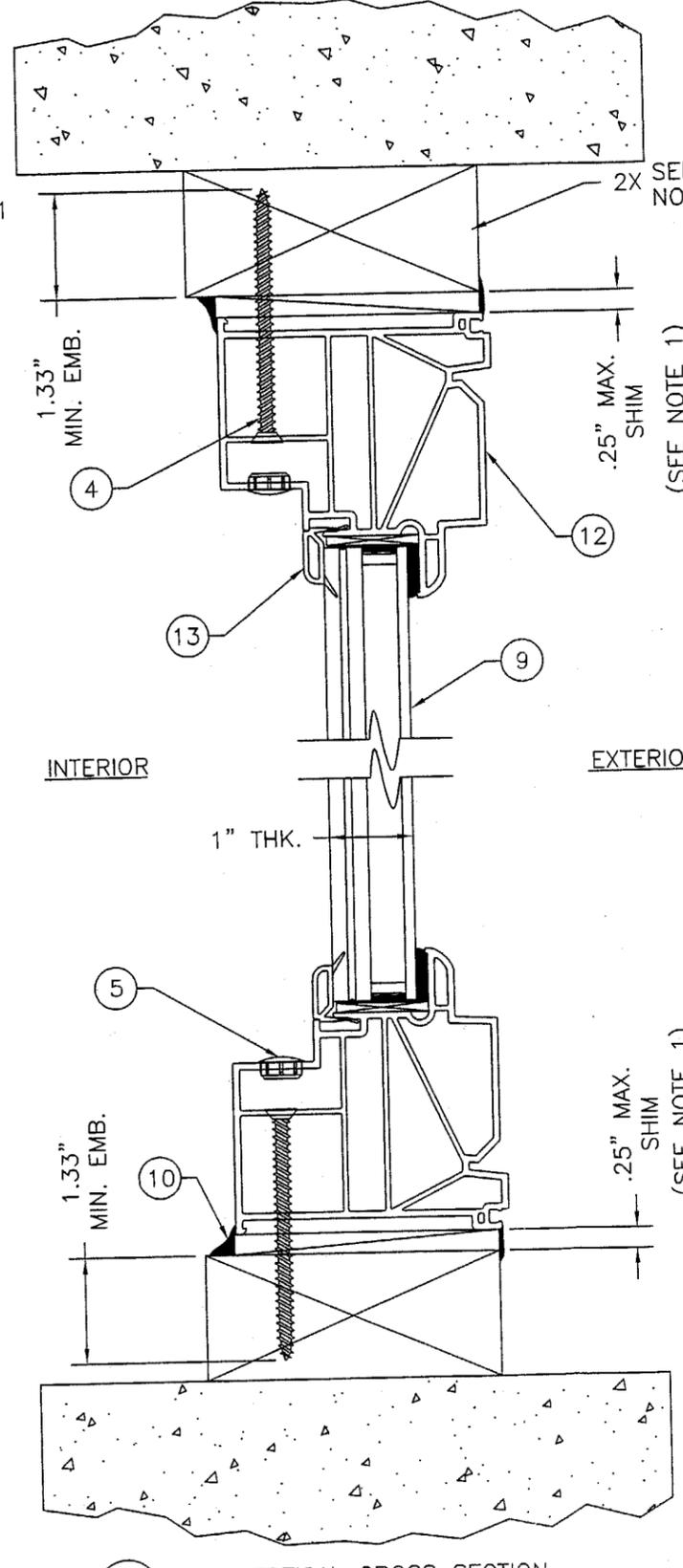


1 VERTICAL CROSS SECTION
2 2X SUB BUCK STANDARD PICTURE WINDOW

SEE GENERAL NOTE 2 SHT. 1

.25\"/>

EXTERIOR

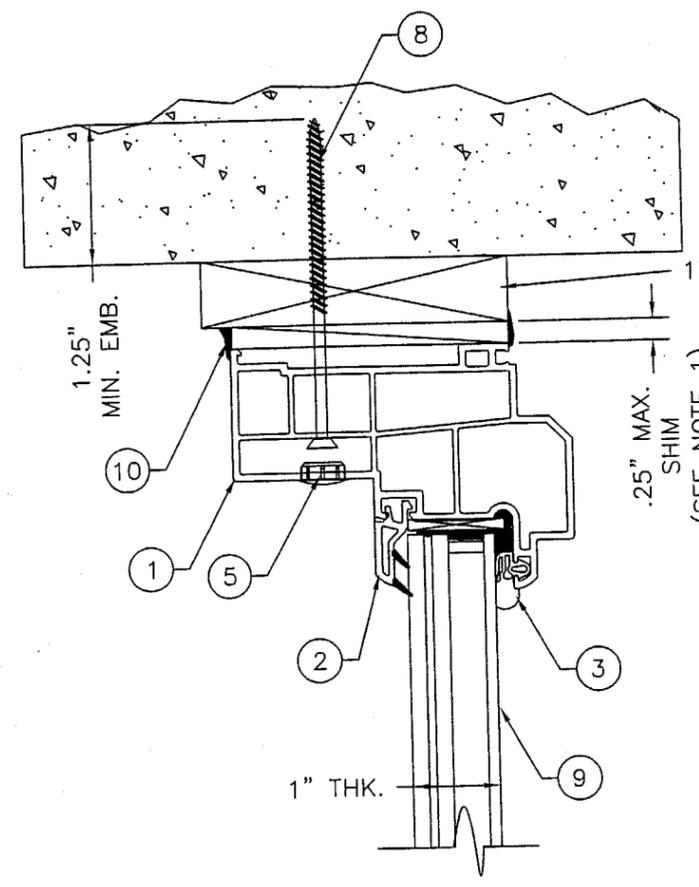


2 VERTICAL CROSS SECTION
2 2X SUB BUCK NO HINGE CASEMENT

SEE GENERAL NOTE 2 SHT. 1

.25\"/>

EXTERIOR



1 VERTICAL CROSS SECTION
2 1X SUB BUCK SHOWN W/PICTURE WINDOW
ONLY HEAD SHOWN SILL IS SAME
NO HINGE CASEMENT IS SAME

SEE GENERAL NOTE 2 SHT. 1

.25\"/>

NOTE:
1. THE SHIM IS TO BE A "RIGID / STIFF" MATERIAL THAT COMPLIES WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.

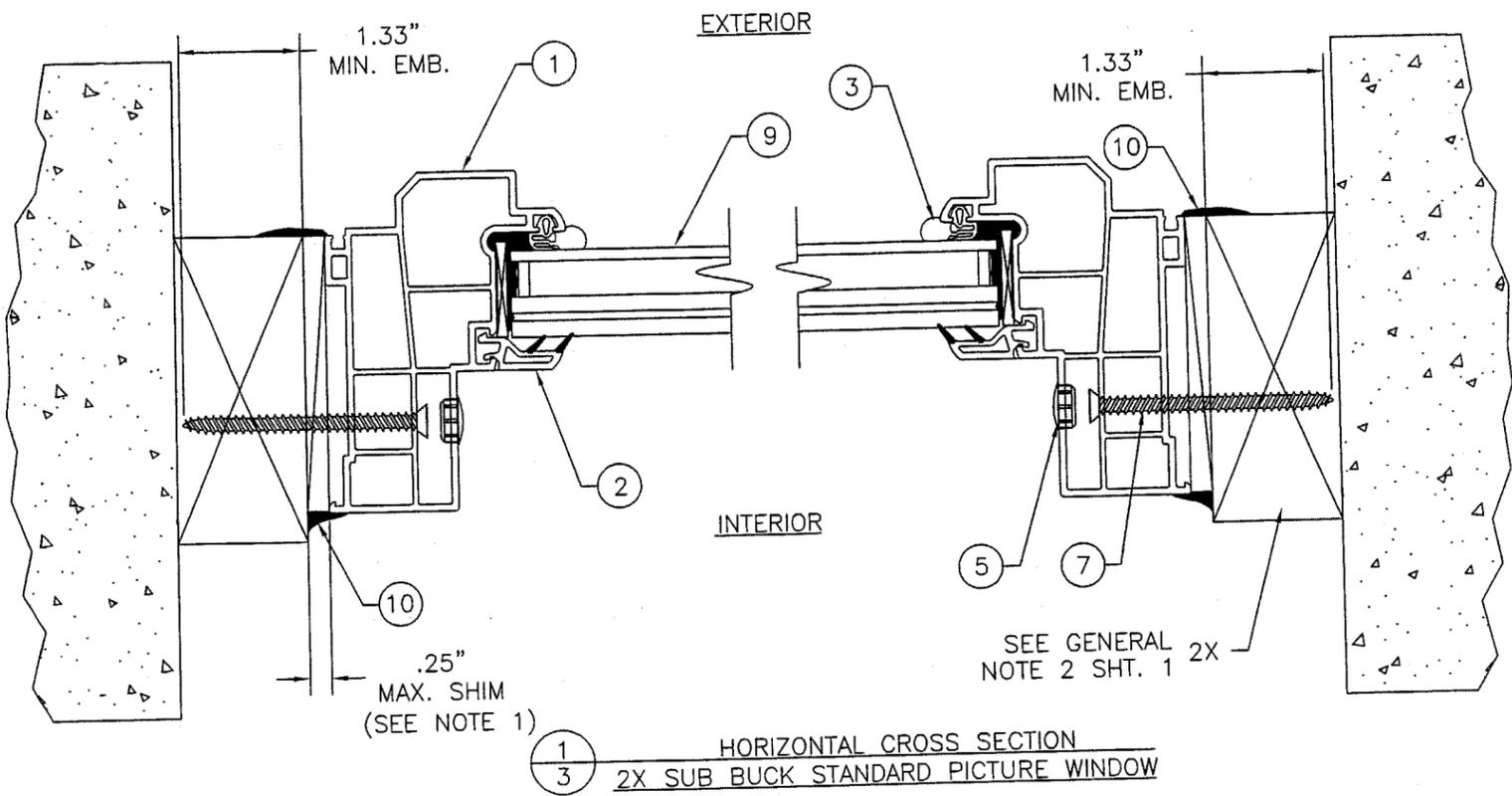
Product Approval Documents Prepared By:
RW
BUILDING CONSULTANTS, INC.
P.O. Box 230 Vairico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Wendell W. Haney, P.E. NO. 54158
2/26/04

PRODUCT:
STORM BREAKER PLUS
EXTRUDED VINYL PVC
FIXED FRAME WINDOWS
PART OR ASSEMBLY:
VERTICAL
CROSS SECTIONS

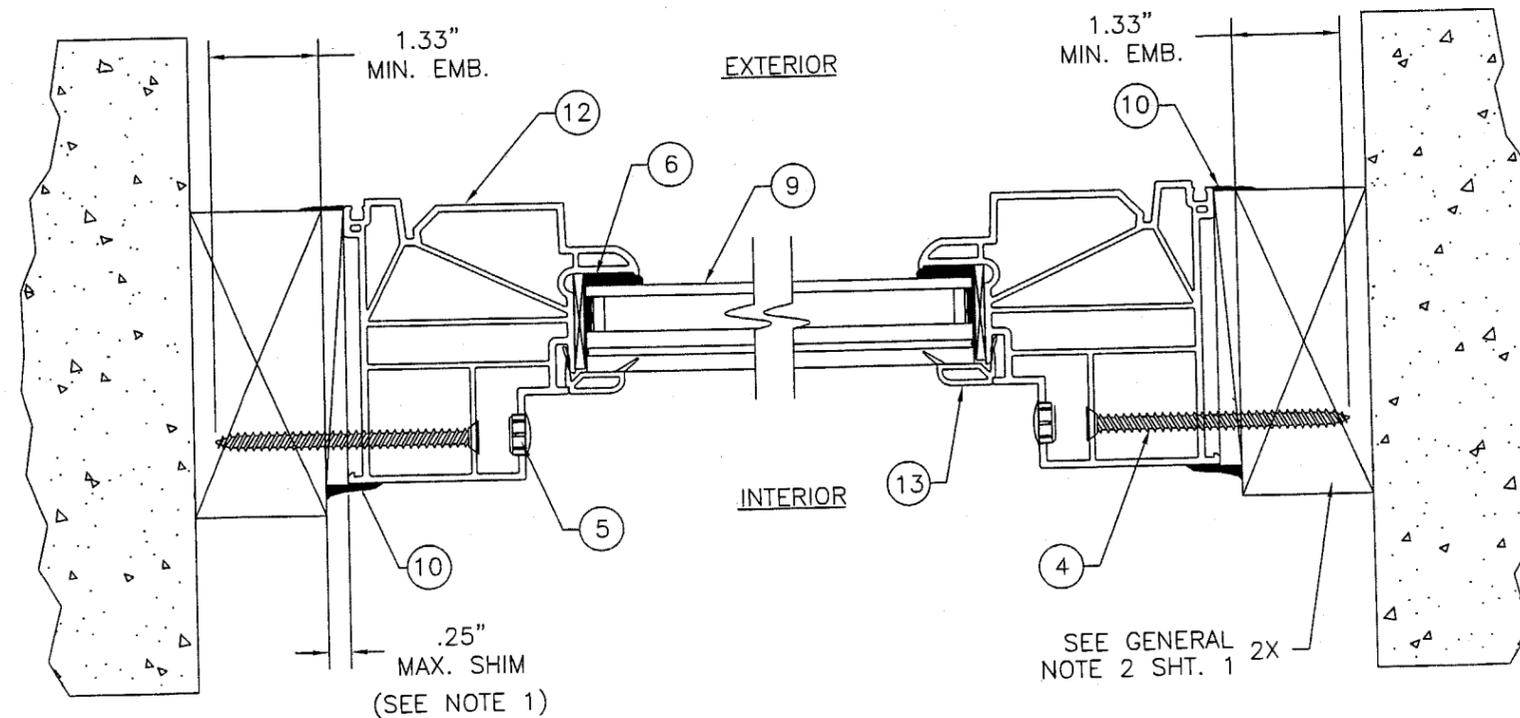
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|-----|------|----|-----------|
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Approved as complying with the
Florida Building Code
Date 04/29/04
NOA# 01-0303.01
Miami Dade Product Control
Division
By Mercedes Berna

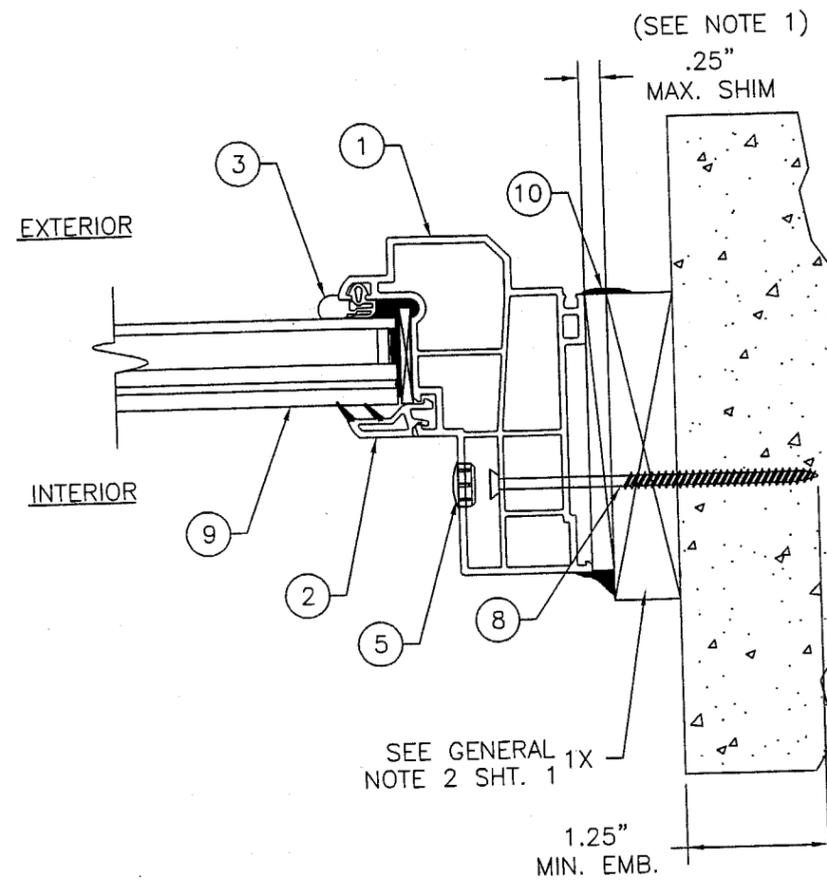
DATE: 1/21/04
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: WH
DRAWING NO.: S-2376
SHEET 2 OF 5



1 HORIZONTAL CROSS SECTION
3 2X SUB BUCK STANDARD PICTURE WINDOW



2 HORIZONTAL CROSS SECTION
3 2X SUB BUCK NO HINGE FIXED CASEMENT

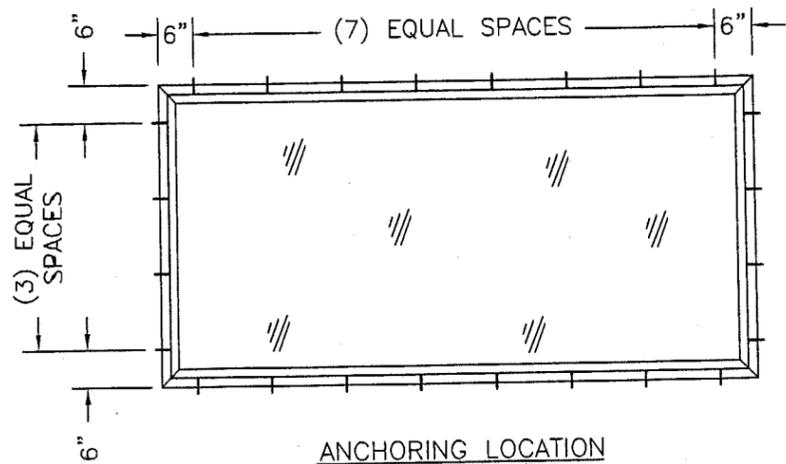


1 HORIZONTAL CROSS SECTION
3 1X SUB BUCK
ONLY ONE SIDE SHOWN OPPOSITE IS SAME
NO HINGE CASEMENT IS SAME

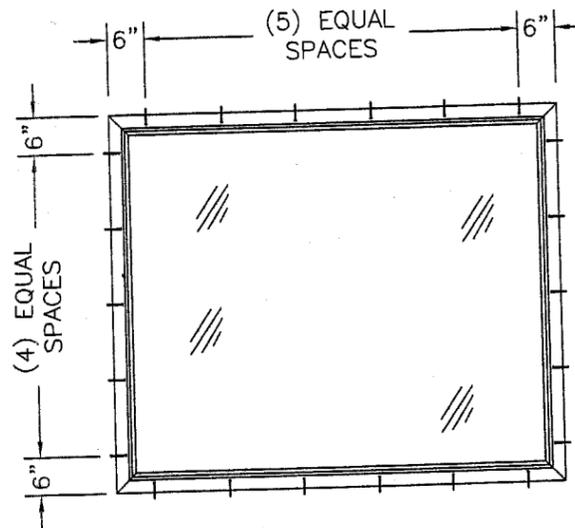
NOTE:
1. THE SHIM IS TO BE A "RIGID / STIFF" MATERIAL THAT COMPLIES WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.

| | |
|--|---|
| Product Approval Documents Prepared By: RW BUILDING CONSULTANTS, INC. P.O. Box 230 Valrico FL, 33595 Phone No.: 813.659.9197 Florida Board of Professional Engineers Certificate of Authorization No. 9813 Wendell W. Hamer, P.E. NO. 54158 2/26/04 | |
| PRODUCT: STORM BREAKER PLUS EXTRUDED VINYL PVC FIXED FRAME WINDOWS | PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS |
| NO. | DATE |
| 1 | |
| BY | |
| REVISIONS | |
| DATE: 1/21/04 | |
| SCALE: N.T.S. | |
| DWG. BY: TJH | |
| CHK. BY: WH | |
| DRAWING NO.: S-2376 | |
| SHEET 3 OF 5 | |

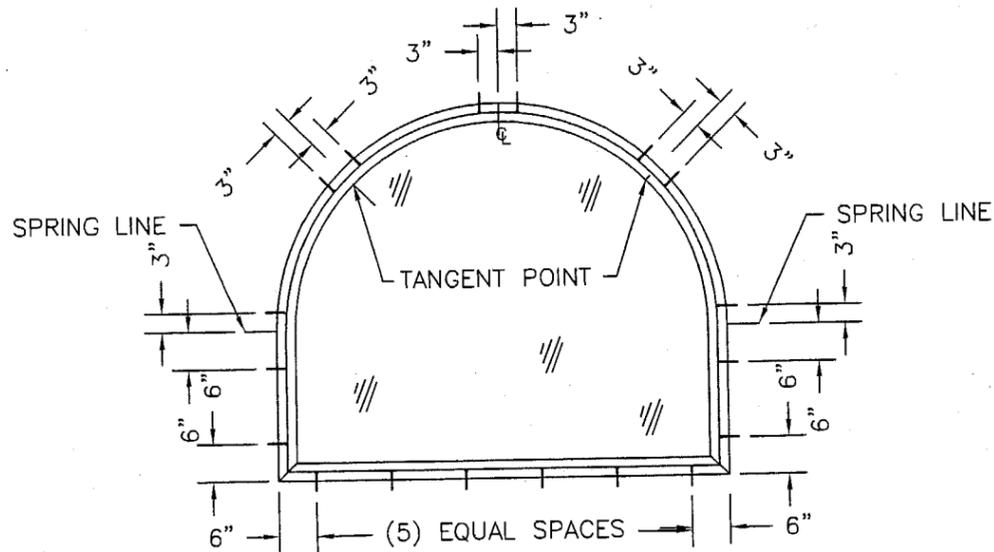
Approved as complying with the
Florida Building Code
Date 04/29/04
NOA# 04-0303.01
Miami Dade Product Control
Division
By *[Signature]*



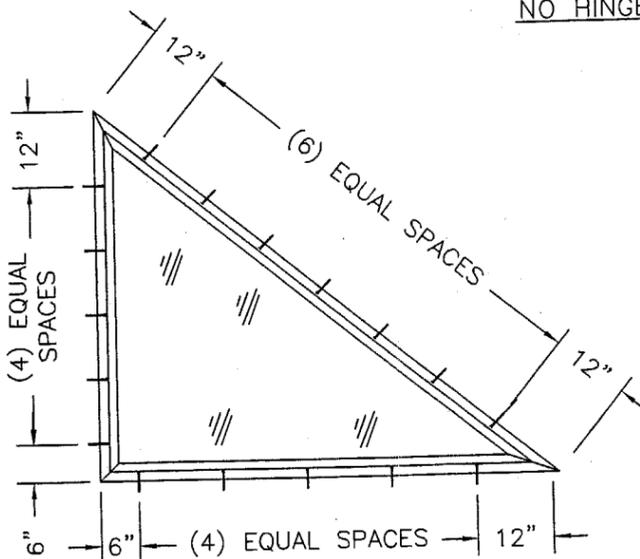
ANCHORING LOCATION
96" X 48"
PICTURE WINDOW



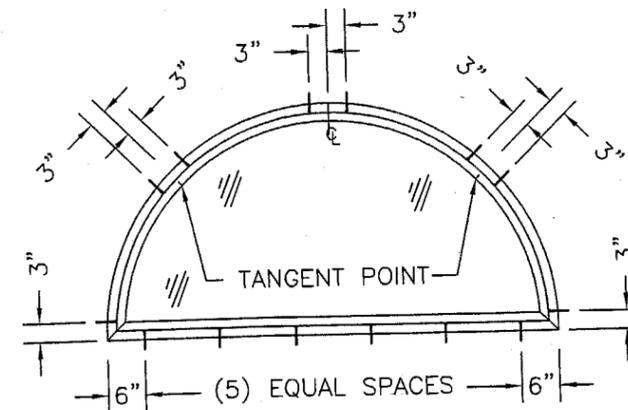
ANCHORING LOCATION
72" X 60"
NO HINGE FIXED CASEMENT



ANCHORING LOCATION
72" X 60"
EYEBROW W/ LEGS



ANCHORING LOCATION
72" X 60"
UNEQUAL LEG TRIANGLE



ANCHORING LOCATION
96" X 48"
PICTURE WINDOW

NOTES:

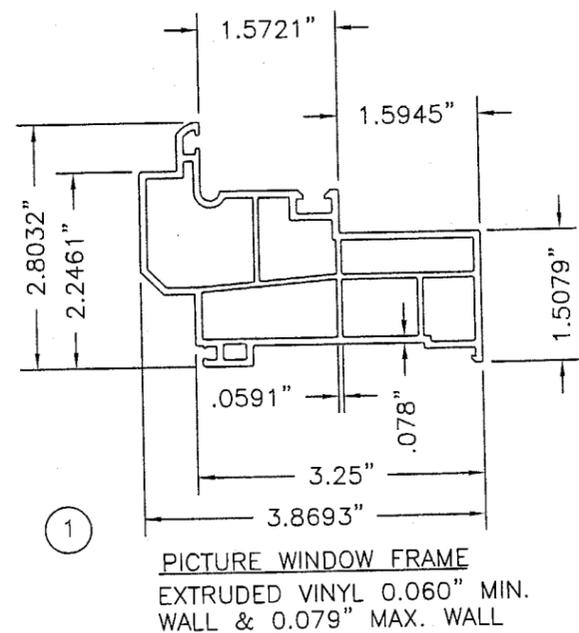
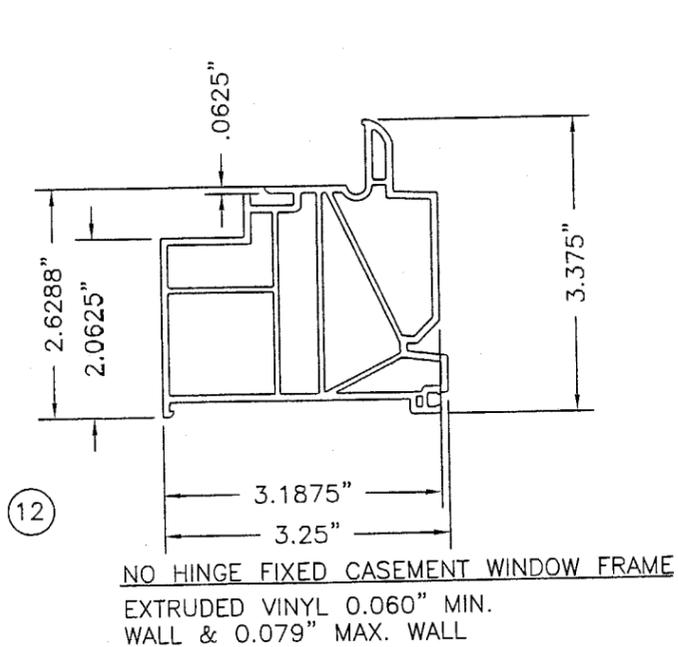
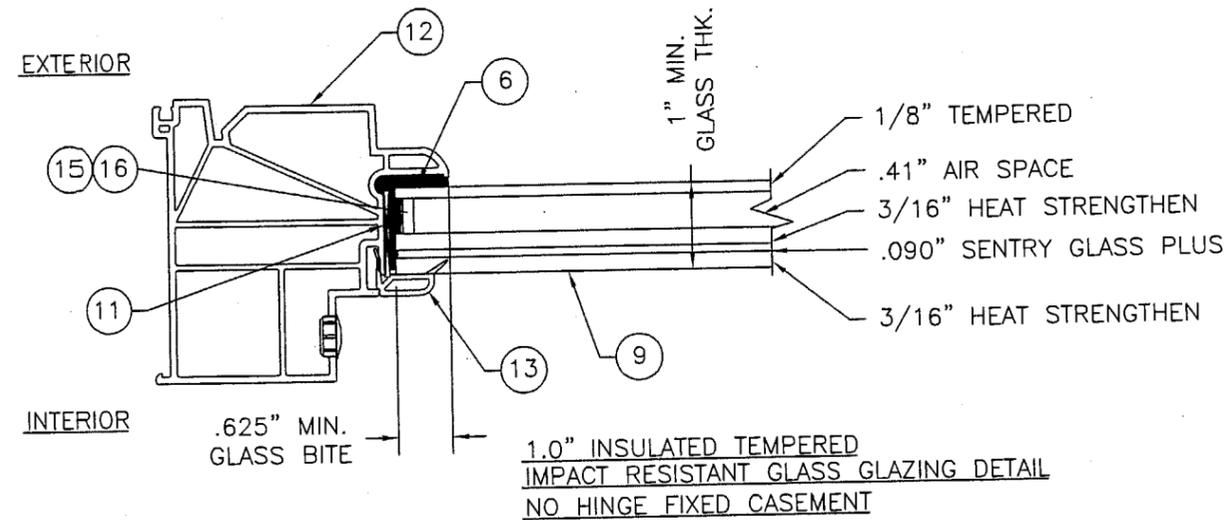
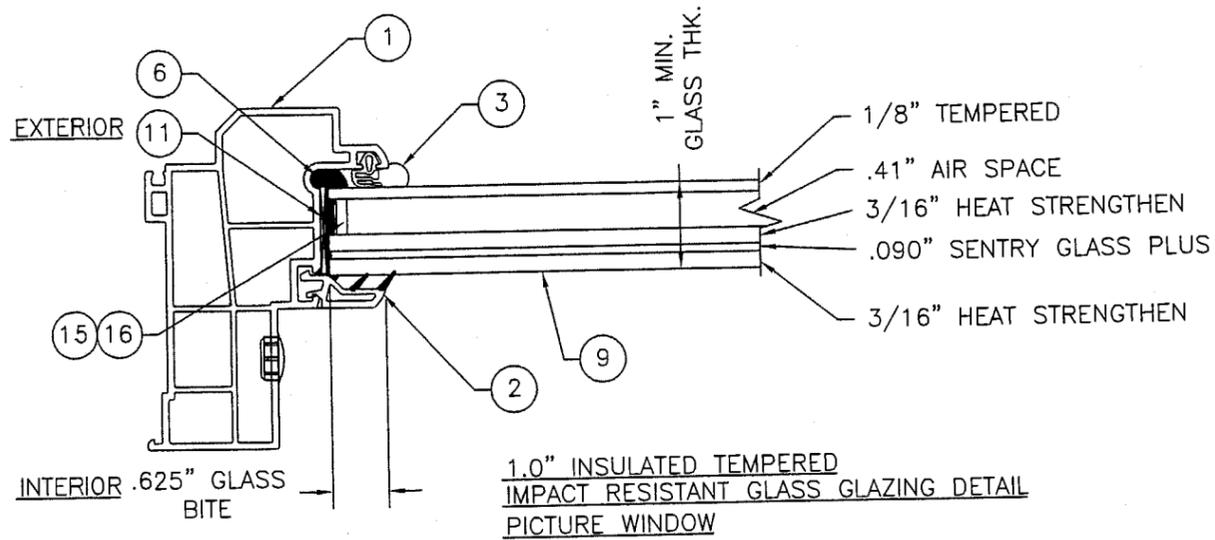
1. WHEN ANCHORING PICTURE WINDOWS TO A 2X BUCK USE ITEM #7, A #12 x 2 3/4" PHILLIPS FLAT HEAD SHEET METAL SCREW. WHEN ANCHORING PICTURE WINDOWS TO A 1X BUCK AND MASONRY USE ITEM #8 3/16" x 3 3/4" ELCO TAPCON.
2. WHEN ANCHORING NO HINGE FIXED CASEMENT TO A 2X BUCK USE ITEM #4, A #12 x 3" PHILLIPS FLAT HEAD SHEET METAL SCREW. WHEN ANCHORING NO HINGE FIXED CASEMENT TO A 1X BUCK AND MASONRY USE ITEM #8 3/16" x 3 3/4" ELCO TAPCON.

SCREW SPECIFICATION:

3/16" ELCO TAPCON: Fy MIN. = 177,655 PSI
Fu MIN. = 187,588 PSI
#12 SHEET METAL SCREW: Fy MIN. = 80,000 PSI
Fu MIN. = 100,000 PSI

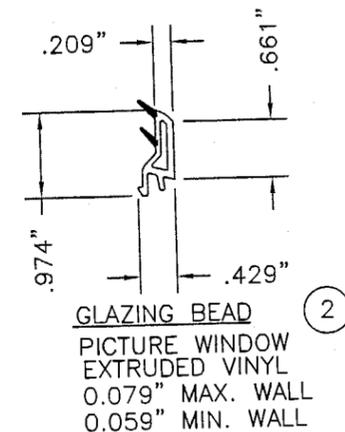
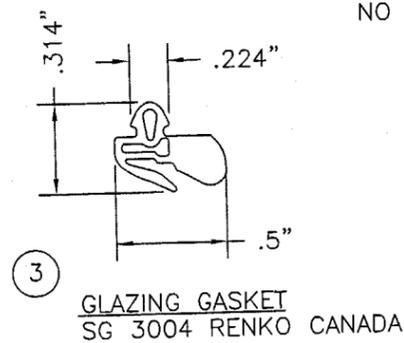
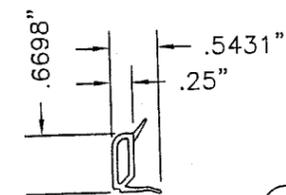
Approved as complying with the
Florida Building Code
Date 04/29/04
NOA# 04-0303.01
Miami Dade Product Control
Division
By: *[Signature]*

| | |
|---|---|
| Product Approval Documents Prepared By: RW BUILDING CONSULTANTS, INC. P.O. Box 230 Vero Beach, FL 33595 Phone No.: 813.659.9197 Florida Board of Professional Engineers Certificate of Authorization No. 9813 2/26/04 Wendell W. Haney, P.E. NO. 54158 | |
| PRODUCT: STORM BREAKER PLUS EXTRUDED VINYL PVC FIXED FRAME WINDOWS | PART OR ASSEMBLY: ANCHORING LOCATIONS |
| NO. | DATE |
| BY | REVISIONS |
| DATE: 1/21/04 | SCALE: N.T.S. |
| DWG. BY: TJH | CHK. BY: WH |
| DRAWING NO.: S-2376 | SHEET 4 OF 5 |



| ITEM | DESCRIPTION | MATERIAL |
|------|--|-------------------|
| 1 | EXTRUDED VINYL PICTURE WINDOW FRAME SIMEX #PW71 | WHITE RIGID VINYL |
| 2 | EXTRUDED VINYL GLAZING BEAD VEKA #BV34 PICTURE WINDOW | WHITE RIGID VINYL |
| 3 | GLAZING GASKET SG 3004 RENKO CANADA | EPDM |
| 4 | #12 x 3" PHILLIPS FLAT HEAD SHEET METAL SCREW | STEEL |
| 5 | VINYL ANCHOR SCREW LOCATION CAP | WHITE RIGID VINYL |
| 6 | GLAZING COMPOUND NATIONAL STARCH 939A | - |
| 7 | #12 x 2 3/4" PHILLIPS FLAT HEAD SHEET METAL SCREW | STEEL |
| 8 | 3/16" X 3 3/4" ELCO TAPCON ANCHOR | STEEL |
| 9 | 1.0" OVERALL INSULATED TEMPERED/HEAT STRENGTHEN IMPACT GLASS W/0.090" SENTRY GLASS PLUS INTERLAYER | - |
| 10 | SILICONE CAULK GE SILICONE I WINDOW & DOOR | SILICONE |
| 11 | GLAZING SETTING BLOCK | - |
| 12 | EXTRUDED VINYL NO HINGE FIXED CASEMENT WINDOW FRAME VEKA #PW0901 | WHITE RIGID VINYL |
| 13 | EXTRUDED VINYL GLAZING BEAD NO HINGE FIXED CASEMENT WINDOW VEKA #BV68 | WHITE RIGID VINYL |
| 14 | FOAM GLAZING SPACER | FOAM |
| 15 | ALUMINUM GLAZING SPACER | ALUM. |

* NOTE: EXTRUSION TO BE LABELED WITH AMMA PVC EXTRUSION CERTIFICATION LABEL & "MDCA" & EXTRUSION CODE.



Product Approval Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
 P.O. Box 230 Valrico FL 33595
 Phone No.: 813.659.9197
 Florida Board of Professional Engineers
 Certificate of Authorization No. 9813
 Wendell W. Haney, P.E. NO. 54158 2/26/04

PRODUCT: STORM BREAKER PLUS
 EXTRUDED VINYL PVC
 FIXED FRAME WINDOWS

PART OR ASSEMBLY: COMPONENTS, B.O.M.
 & GLAZING DETAILS

| NO. | DATE | BY | REVISIONS |
|-----|------|----|-----------|
| | | | |

DATE: 1/21/04
 SCALE: N.T.S.
 DWG. BY: TJH
 CHK. BY: WH
 DRAWING NO.: S-2376
 SHEET 5 OF 5

Approved as complying with the Florida Building Code
 Date 04/29/04
 NOAH 04-0303.01
 Miami Dade Product Control
 Division
 By: *[Signature]*