



**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)**

**Peachtree Doors & Windows  
2744 Ramsey Road  
Gainesville, FL 30501**

**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: Peachtree Aluminum Clad Wood Fixed Window - Impact**

**APPROVAL DOCUMENT:** Drawing No. 1384, titled "Peachtree Impact Aluminum Clad Casement Fixed Picture", sheets 1 through 4 of 4, dated 01/25/05, prepared by W.W. Schaeffer Engineering & Consulting, P.A, signed and sealed by Warren W. Schaefer, 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 **Manuel Perez, P.E.**



**NOA No 05-0127.04  
Expiration Date: April 15, 2007  
Approval Date: March 31, 2005  
Page 1**

Peachtree Doors & Windows

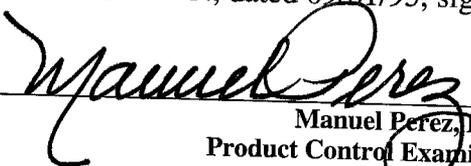
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **1384**, titled "Peachtree Impact Aluminum Clad Casement Fixed Picture", sheets 1 through 4 of 4, dated 01/25/04, prepared by W.W. Schaeffer Engineering & Consulting, P.A, signed and sealed by Warren W. Schaefer, P.E.

**B. TESTS**

1. Test reports on 1) Large Missile Impact Test per FBC, TAS 201-94  
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with the manufacturer's parts drawings, installation diagram and marked-up drawings of a fixed picture casement fixed wood window prepared by Hurricane Test Laboratory, Inc. Test Report No. **HTL-0037-0303-00**, dated 02/28/00, signed and sealed by Vinu J. Abraham, 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 the manufacturer's parts drawings, installation diagram and marked-up drawings of three specimens of a direct set wood fixed window prepared by Hurricane Test Laboratory, Inc. Test Report No. **HTL-0037-1104-00**, dated from 10/30/00 to 11/06/00, signed and sealed by Vinu J. Abraham, P.E.
3. Test reports on 1) Air Infiltration Test, per TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94.  
3) Water Resistance Test, per FBC, TAS 202-94.  
along with the manufacturer's parts drawings, installation diagram and marked-up drawings of one specimen of a fixed casement picture window prepared by Hurricane Test Laboratory, Inc. Test Report No. **HTL-0037-0411-01**, dated 04/10/01, signed and sealed by Vinu J. Abraham, P.E.
4. Test report on 1) Large Missile Impact Test per FBC, TAS 201-94  
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with the manufacturer's parts, sections and marked-up drawings prepared by Hurricane Test Laboratory, Inc. Test Report No. **HTL-0037-0209-98**, dated 02/11/98, signed and sealed by Timothy S. Marshall, P.E. *Submitted under original file No. 95-0927.03*
5. Test report on 1) Uniform Load Static Air Pressure Test, per PA 202-94.  
along with the manufacturer's parts, sections and marked-up drawings prepared by Architectural Testing, Inc., Test Report No. **ATI-16283-N**, dated 09/01/95, signed and sealed by Allen N. Reeves, P.E.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No **05-0127.04**  
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Peachtree Doors & Windows

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**C. CALCULATIONS**

1. Anchor calculations and structural analysis, dated 06/06/01, prepared by W.W. Schaeffer Engineering & Consulting, P.A., signed and sealed by Warren Schaeffer, P.E.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

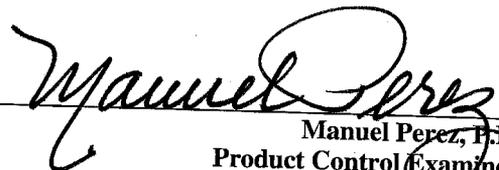
1. Notice of Acceptance No. **02-0521.06**, issued to Globe Amerada Architectural Glass, L.L.C. for their "**Chem-Temp**® Chemically Strengthened Glass", approved on 07/18/02 and expiring on 07/18/07.
2. Notice of Acceptance No. **01-0205.02** issued to Solutia Inc. for their "Saflex /Keepsafe Maximum" dated 05/17/01, expiring on 05/21/06.
3. Notice of Acceptance No. **01-0911.01**, issued to Globe Amerada Architectural Glass, L.L.C. for their "Glass-Clad Polycarbonate", approved on 01/03/02 and expiring on 09/03/06.
4. Notice of Acceptance No. **00-0614.09**, issued to Viracon, Inc. for their "HRG-2 Laminated Glass", approved on 11/02/00 and expiring on 10/16/03.

**F. STATEMENTS**

1. Statement letter of conformance, dated June 8, 2001, signed and sealed by Warren Schaeffer, P.E.
2. Statement letter of no financial interest, dated June 8, 2001, signed and sealed by Warren Schaeffer, P.E.
3. Laboratory compliance letter for Test Report No. **HTL- 0037-0303-00, HTL- 0037-1104-00 and HTL- 0037-0411-01**, issued by Hurricane Test Laboratory, Inc., dated August 22, 2001, signed and sealed by Vinu J. Abraham, P.E.

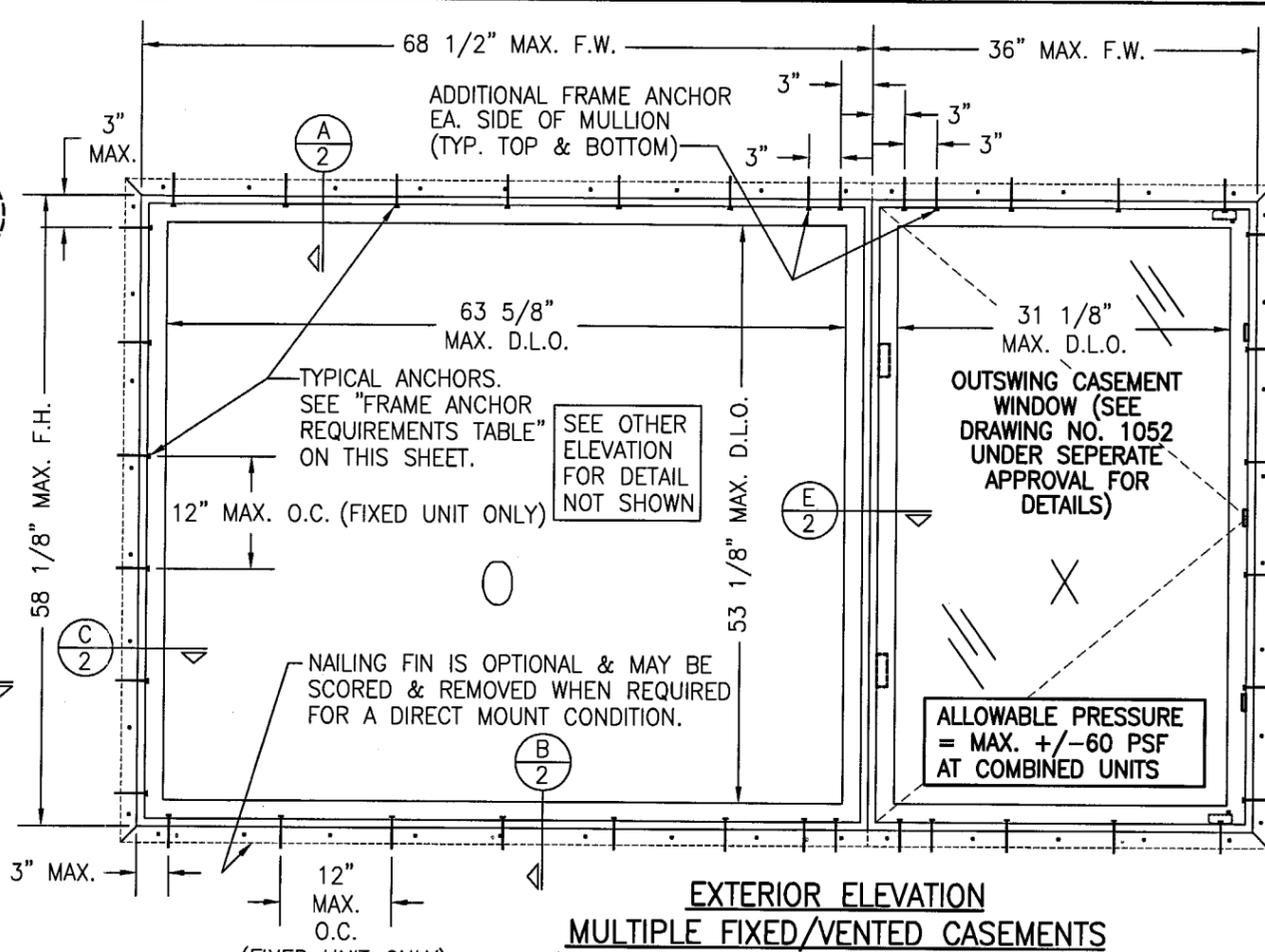
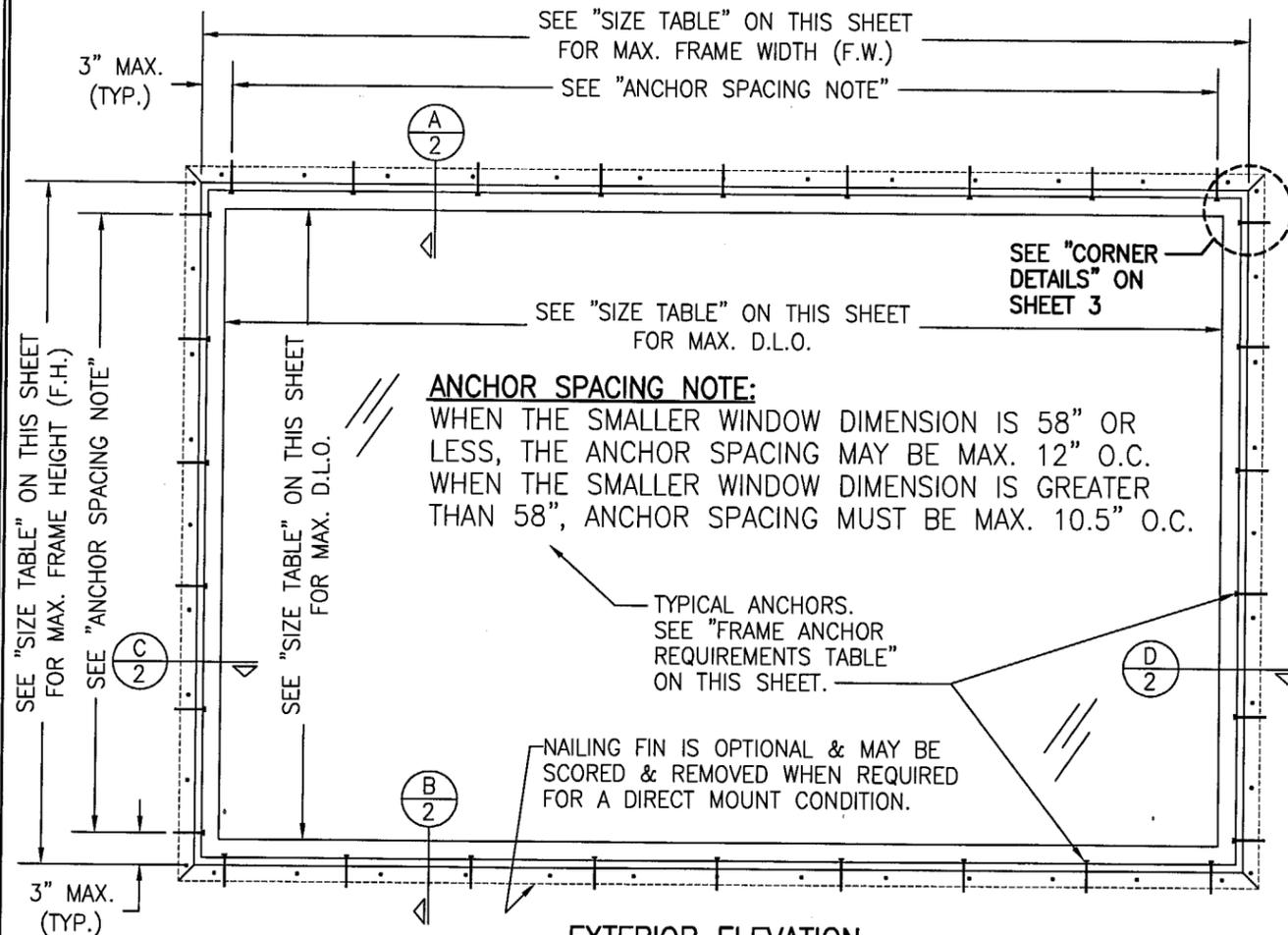
**G. OTHER**

1. None.



Manuel Perez, P.E.  
Product Control Examiner  
NOA No 05-0127.04

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**EXTERIOR ELEVATION  
SINGLE FIXED CASEMENT**

**EXTERIOR ELEVATION  
MULTIPLE FIXED/VENTED CASEMENTS  
(MAX. FOUR UNITS MAY BE COMBINED)**

| HEIGHT (IN.) | WIDTH (IN.) | D.L.O. (IN.) |         |
|--------------|-------------|--------------|---------|
| HEIGHT       | WIDTH       | HEIGHT       | WIDTH   |
| 48 1/8       | 124         | 43 1/8       | 119 1/8 |
| 52 1/8       | 120         | 47 1/8       | 115 1/8 |
| 58 1/8       | 108         | 53 1/8       | 103 1/8 |
| 64           | 100         | 59           | 95 1/8  |
| 72           | 88          | 67           | 83 1/8  |

APPLICABLE FOR SNGLE WINDOWS ONLY.

FOR ALLOWABLE DESIGN WIND PRESSURE ON SINGLE WINDOWS, SEE LOAD TABLES ON SHEET 4.

**IMPACT RESISTANT WINDOWS  
SHUTTERS NOT REQUIRED**

**MULTIPLE UNIT NOTES:**

1. OPERABLE WNDOWS ARE RESTRICTED TO THE MAXIMUM F.H. & F.W. SHOWN.
2. FIXED WINDOWS ARE RESTRICTED TO THE F.H. & F.W. SHOWN AS MAXIMUM.
3. WHEN BOTH WINDOWS ARE TO BE WIDER THAN 36" (F.W.), BOTH WINDOWS SHALL BE RESTRICTED BY A MAXIMUM F.W. OF 48".
4. WHEN EITHER WINDOW IS TO BE 36" F.W. OR LESS, THE OTHER WINDOW (IF IT IS A FIXED WINDOW) MAY BE UP TO 68 1/2" F.W.
5. COMBINED UNITS ARE APPLICABLE TO BOTH A FIXED MULLED TO A FIXED AND AN OPERABLE MULLED TO A FIXED. FOR OPERABLE MULLED TO AN OPERABLE, SEE "OUTSWING CASEMENT WINDOW" DRAWING NO. 1052 UNDER SEPERATE APPROVAL.
6. THE MAXIMUM ALLOWABLE PRESSURE FOR A COMBINED UNIT IS RESTRICTED BY THE LESSER OF THE INDIVIDUAL WINDOW ALLOWABLE PRESSURE OR +/-60 PSF UNLESS A CLIPPED MULLION IS USED PER WEATHER SHIELD'S MULLION APPROVAL.
7. FOR CLIPPED MULLION COMBINATIONS, SEE DRAWINGS NO. M96-05 & M96-06 UNDER SEPERATE APPROVAL.

| OPENING TYPE (SUBSTRATE) | JAMB TO OPENING FASTENER TYPE | MINIMUM EMBEDMENT | MINIMUM EDGE DIST. |
|--------------------------|-------------------------------|-------------------|--------------------|
| 2X_ WOOD FRAME OR BUCK   | NO. 10 SMS SCREW              | 1 3/8"            | 1"                 |
| CMU/CONCRETE             | 3/16" TAPCON                  | 1 1/4"            | 2"                 |

**ANCHOR NOTE:** FRAME MAY BE EITHER DIRECT MOUNTED TO THE OPENING, MOUNTED ONTO A 1X4 P.T. CONTINUOUS SPACER, OR ANCHORED TO A MIN. 2X4 NO. 2 SOUTHERN FINE WOOD BUCK. WHEN ANCHORED TO A 2X4 BUCK, NO. 10 SCREWS SHALL BE USED. WHEN DIRECT MOUNTED OR MOUNTED WITH SPACER, 3/16" TAPCONS SHALL BE USED. SEE "ANCHOR REQUIREMENTS TABLE" FOR EMBED REQUIREMENTS. PROPER MATERIAL SHALL BE USED BETWEEN ALL DISIMILAR MATERIALS (BLOCK/CONCRETE & ALUMINUM).

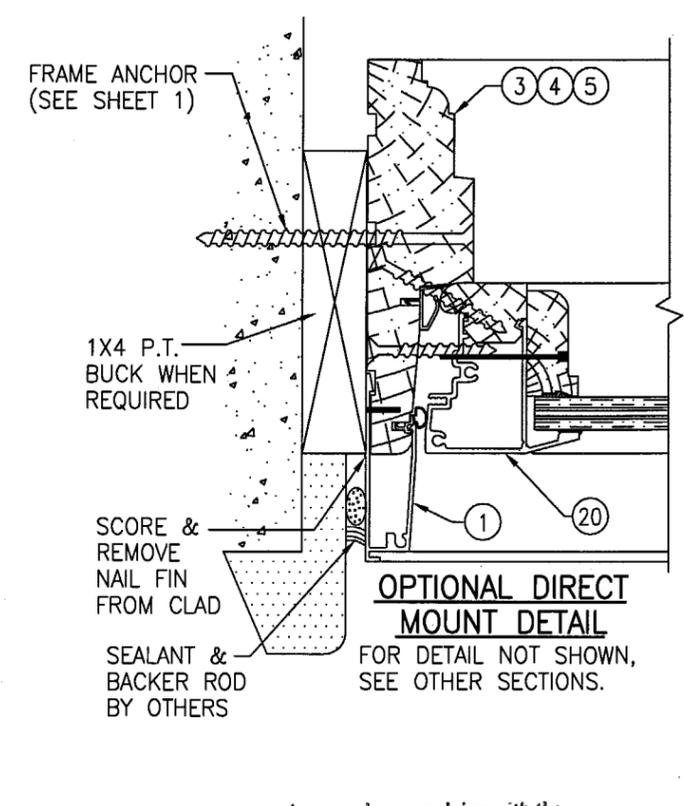
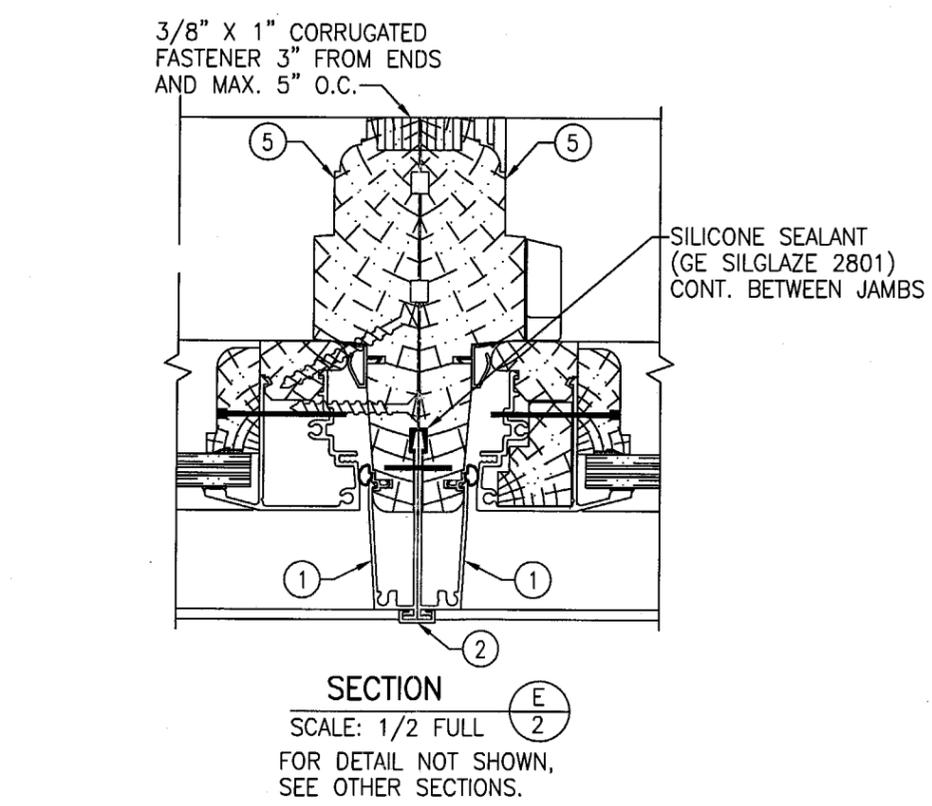
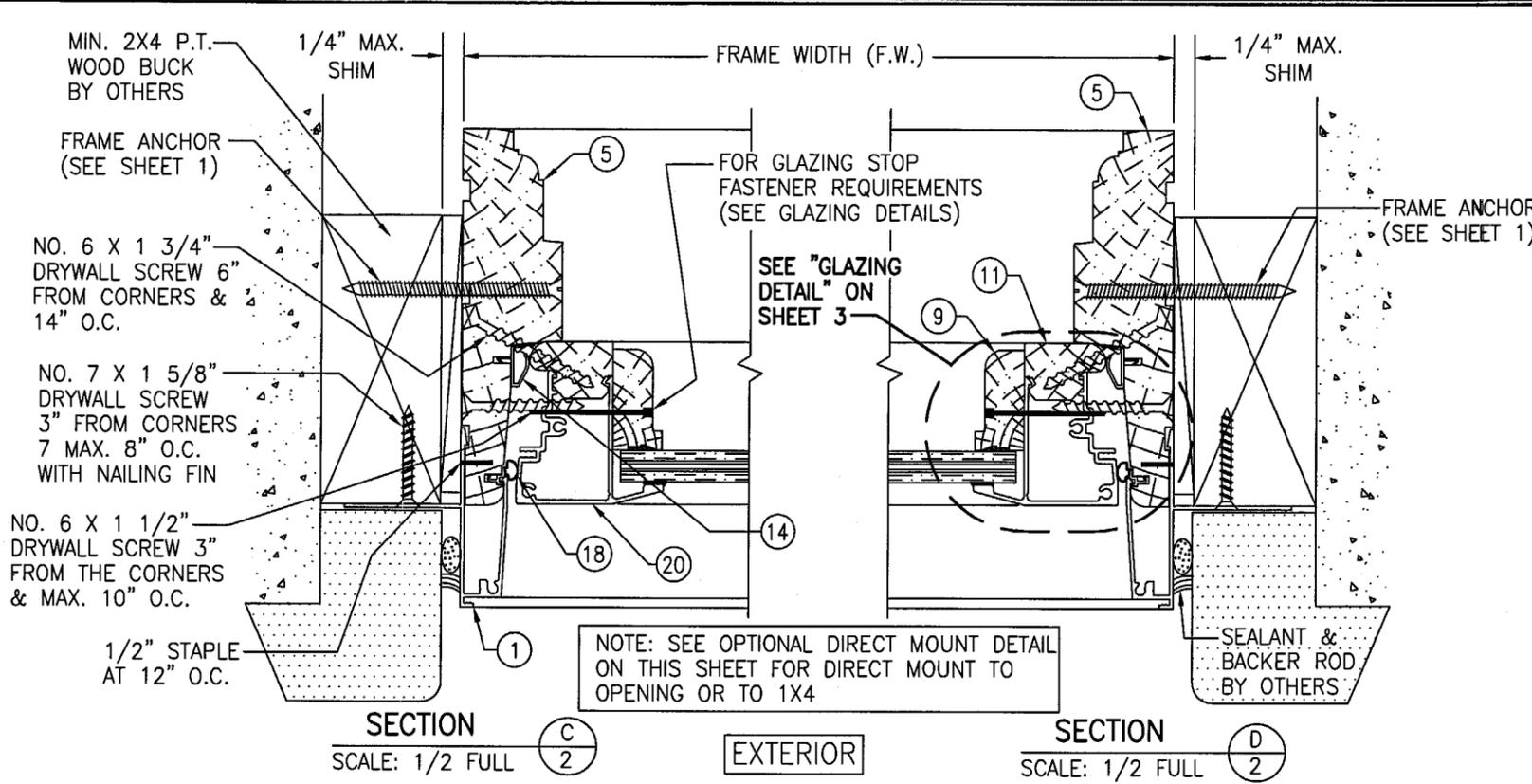
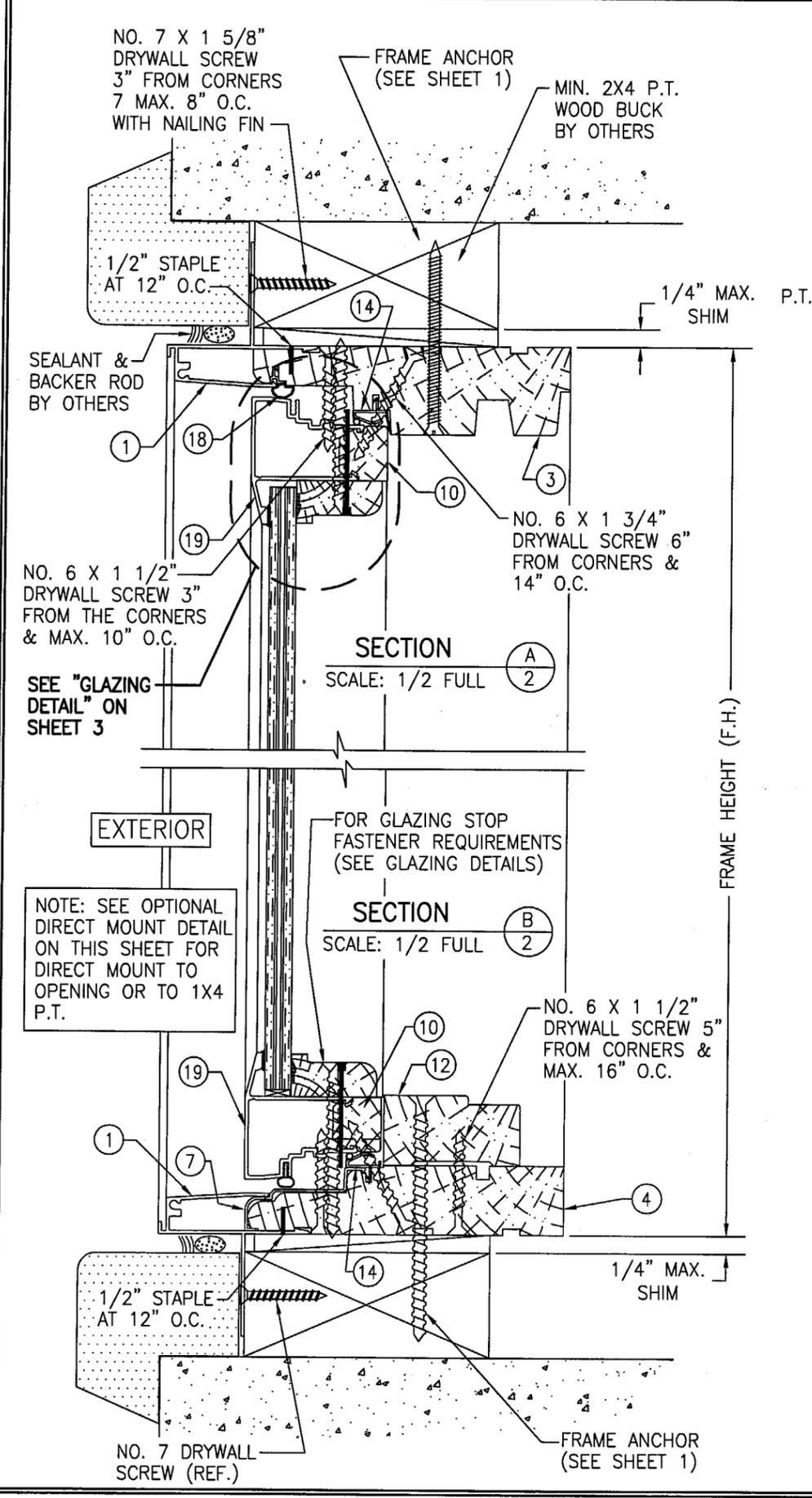
- NOTES:**
1. HEIGHT (F.H.) & WIDTH (F.W.) ARE INTERCHANGABLE.
  2. ALL HEIGHT & WIDTH DIMENSIONS ARE +/-1/2"

**NOTES**

1. THIS STRUCTURE IS DESIGNED AS PER THE FLORIDA BUILDING CODE (FBC).
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. ANCHORING OR LOADING CONDITION NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

Approved as complying with the Florida Building Code  
Date **MARCH 31, 2005**  
NOA# **05-0127-04**  
Miami Dade Product Control  
Division  
By *Warren W. Schaefer*

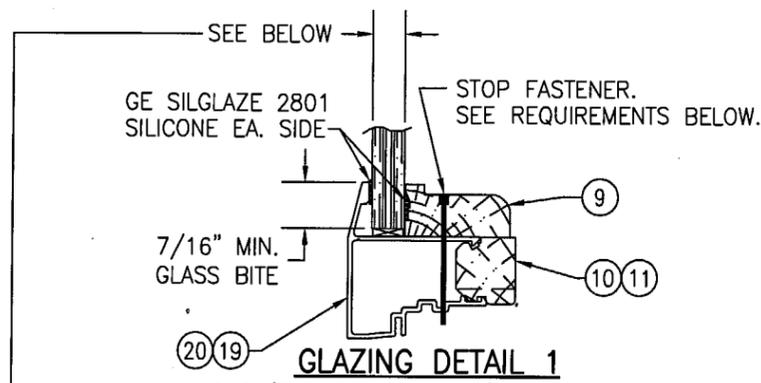
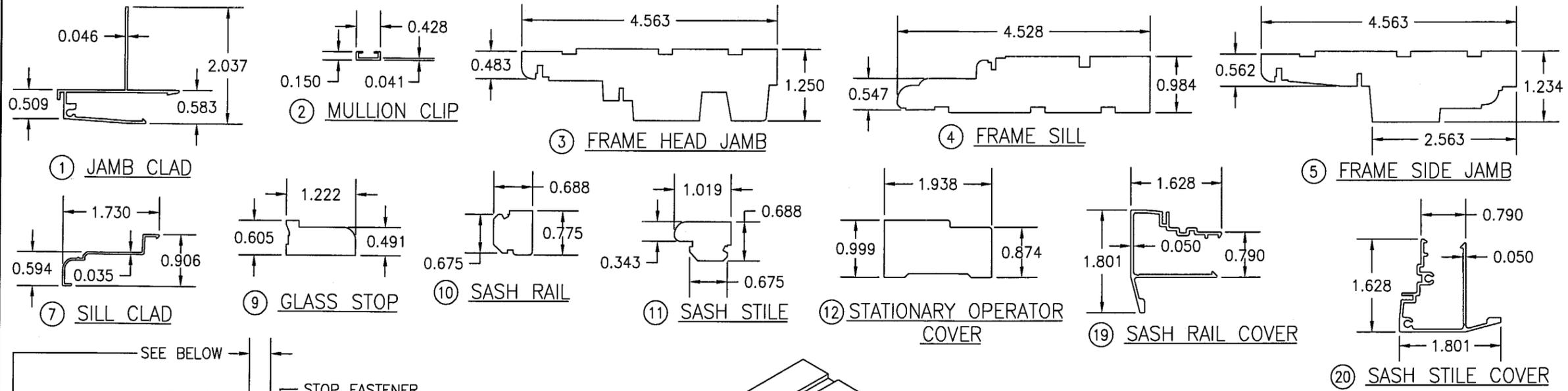
|  |                       |
|--|-----------------------|
| DRAWN BY:<br>S.T.R.  | CHECKED BY:<br>W.W.S. |
| PLOT:<br>1=16  | DATE:<br>1/25/05      |
| DATE   | BY                    |
| REVISION DESCRIPTION   | NO.                   |
| DRAWING TITLE<br><b>PEACHTREE IMPACT ALUMINUM CLAD CASEMENT FIXED PICTURE</b>  |                       |
| MANUFACTURER<br><b>PEACHTREE DOORS &amp; WINDOWS</b><br>2744 RAMSEY ROAD<br>GAINESVILLE, GA 30501<br>770-534-8070  |                       |
| CONSULTANTS<br><b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b><br>600 SANDTREE DRIVE, SUITE 203B<br>PALM BEACH GARDENS, FL 33403<br>PHONE: 561-775-4902 FAX: 561-775-4903 |                       |
| DRAWING TITLE<br><b>PEACHTREE IMPACT ALUMINUM CLAD CASEMENT FIXED PICTURE</b>  |                       |
| CERTIFICATION<br><b>JAN 25 2005</b><br>WARREN W. SCHAEFER, P.E.<br>P.E. NO. 44135  |                       |
| DRAWING NO.<br><b>1384</b>   | REV.                  |
| SHEET NO.<br><b>1 OF 4</b>   |                       |



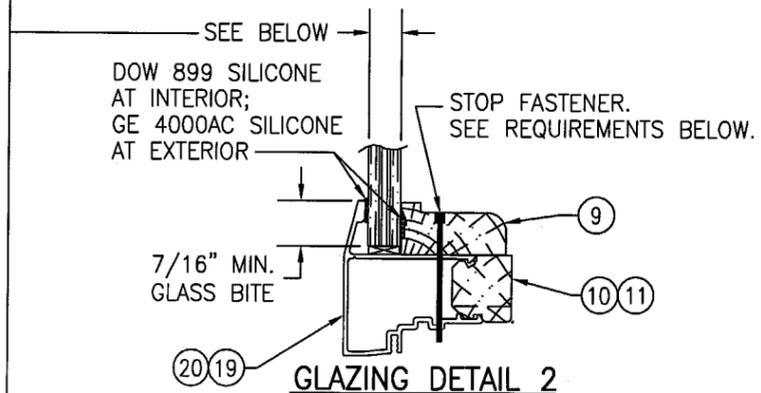
PERIMETER SASH SEALANT:  
SASH IS SET INTO A BED OF  
GE SILGLAZE 2801 SILICONE  
SEALANT AGAINST JAMBS AT  
ALL SIDES.

Approved as complying with the  
Florida Building Code  
Date **MARCH 31 2005**  
NOAH **05-0127.04**  
Miami Dade Product Control  
Division  
By *Manuel Perez*

|  |  |
|--|--|
| DRAWN BY:<br>S.T.R.  | CHECKED BY:<br>W.W.S.                      |
| PLOT:<br>1-2   | DATE:<br>1/25/05                           |
| DATE   | BY   |
| REVISION DESCRIPTION   | NO.  |
| DRAWING TITLE<br><b>PEACHTREE IMPACT ALUMINUM CLAD CASEMENT FIXED PICTURE</b>  |  |
| MANUFACTURER<br><b>PEACHTREE DOORS &amp; WINDOWS</b><br>2744 RAMSEY ROAD<br>GAINESVILLE, GA 30501<br>770-534-8070  |  |
| CONSULTANTS<br><b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b><br>600 SANDTREE DRIVE, SUITE 203B<br>PALM BEACH GARDENS, FL 33403<br>PHONE: 561-775-4902 FAX: 561-775-4903 |  |
| CERTIFICATION<br><b>JAN 25 2005</b>  | WARREN W. SCHAEFER, P.E.<br>P.E. NO. 44135 |
| DRAWING NO.<br><b>1384</b>   | REV.                                       |
| SHEET NO.<br><b>2</b>  | OF<br><b>4</b>                             |

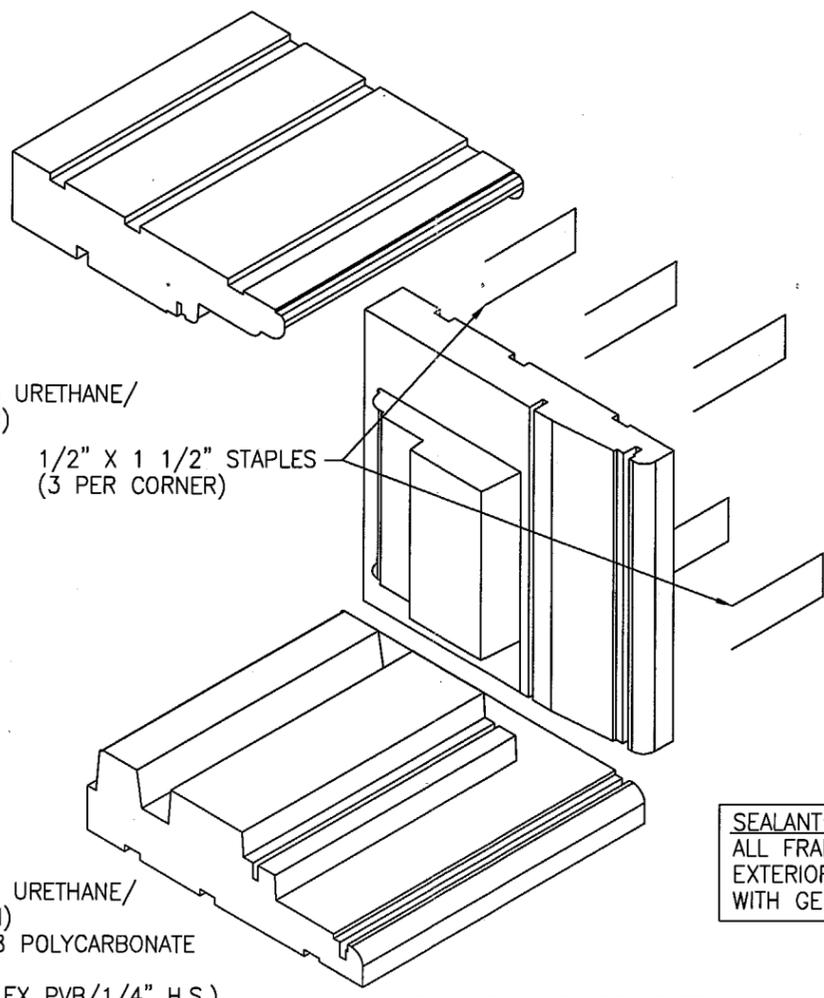


GLAZING OPTIONS (TYP. FOR DETAIL 1):  
 GLAZING OPTION 1) 1/2" THK. GLOBE AMERADA P380 (3/16" CHEM TEM/0.035 URETHANE/1/16" POLY CARBONATE/0.035 URETHANE/3/16" CHEM TEM)

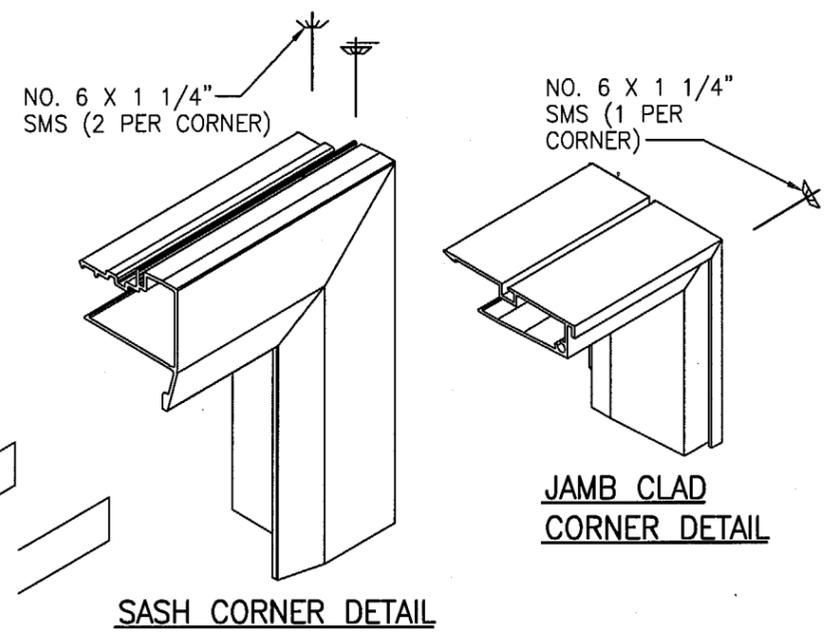


GLAZING OPTIONS (TYP. FOR DETAIL 2):  
 GLAZING OPTION 2) 1/2" THK. GLOBE AMERADA P380 (3/16" CHEM TEM/0.035 URETHANE/1/16" POLY CARBONATE/0.035 URETHANE/3/16" CHEM TEM)  
 GLAZING OPTION 3) 5/8" THK. VARACON HRG2 (1/4" H.S./0.05 URETHANE/0.08 POLYCARBONATE SHEET/0.05 URETHANE/1/4" H.S.)  
 GLAZING OPTION 4) 9/16" THK. SOLUTIA SAFLEX (1/4" H.S./0.09 SOLUTIA SAFLEX PVB/1/4" H.S.)

GLAZING STOP FASTENER REQUIREMENTS:  
 FRAME SHORT SIDES: NO. 8 X 1" DRYWALL SCREWS OR F16 X 1 1/2" BRAD NAILS 3" FROM CORNERS & MAX. 8" O.C.  
 FRAME LONG SIDES: NO. 8 X 1" DRYWALL SCREWS OR F16 X 1 1/2" BRAD NAILS 3" FROM CORNERS & MAX. 8" O.C. IN ADDITION PLACE NO. 8 X 2 1/2" DECK SCREWS AT CENTER SPAN OF SASH & AT EACH 12" AND 24" OFF CENTER SPAN (MAX. 5 SCREWS REQUIRED ON ANY ONE SASH) WHERE WINDOW SASH SPAN ALLOWS.



SEALANT:  
 ALL FRAME CORNERS, JOINTS & EXTERIOR MULL CLIP SEALED WITH GE SILGLAZE 2801



|   |                      |                    |    |
|---|----------------------|--------------------|----|
| DRAWN BY: S.T.R.  |                      | CHECKED BY: W.W.S. |    |
| PLOT: 1=2   |                      | DATE: 1/25/05      |    |
| NO.   | REVISION DESCRIPTION | DATE               | BY |
|   |                      |                    |    |
| DRAWING TITLE: PEACHTREE IMPACT ALUMINUM CLAD CASEMENT FIXED PICTURE  |                      |                    |    |
| MANUFACTURER: PEACHTREE DOORS & WINDOWS<br>2744 RAMSEY ROAD<br>GAINESVILLE, GA 30501<br>770-534-8070  |                      |                    |    |
| CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.<br>600 SANDTREE DRIVE, SUITE 203B<br>PALM BEACH GARDENS, FL 33403<br>PHONE: 561-775-4902 FAX: 561-775-4903 |                      |                    |    |
| CERTIFICATION: JAN 25 2005<br>WARREN W. SCHAEFER, P.E.<br>P.E. NO. 44135  |                      |                    |    |
| DRAWING NO. 1384  |                      | REV.               |    |
| SHEET NO. 3   |                      | OF 4               |    |

Approved as complying with the Florida Building Code  
 Date: MARCH 31, 2005  
 NOA# 05-0127-04  
 Miami Dade Product Control  
 Division  
 By: *Manuel Perez*

**9/16" SOLUTIA SAFLEX LAMINATED HEAT STRENGTHENED GLASS (WITH GLAZING DETAIL 2 & GLAZING OPTION 4)**

| (1) SHORT DIMENSION | DESIGN LOAD CAPACITY (PSF) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                     | POS.                       | NEG. | POS. | NEG. | POS. | NEG. | POS. | NEG. | POS. | NEG. | POS. | NEG. | POS. | NEG. | POS. | NEG. |
| 32"                 | 55.0                       | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 |
| 36"                 | 55.0                       | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 |
| 40"                 | 55.0                       | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 |
| 44"                 | 55.0                       | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 |
| 48"                 | 55.0                       | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 |
| 52"                 | 55.0                       | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 0    | 0    |
| 56"                 | 55.0                       | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 0    | 0    |
| 60"                 | 55.0                       | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 0    | 0    |
| 64"                 | 55.0                       | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 55.0 | 67.0 | 0    | 0    |
| 72"                 | 48.9                       | 59.6 | 48.9 | 59.6 | 48.9 | 59.6 | 48.9 | 59.6 | 48.9 | 59.6 | 48.9 | 59.6 | 48.9 | 59.6 | 0    | 0    |
| (1) LONG DIMENSION  | 72"                        | 76"  | 84"  | 96"  | 100" | 108" | 120" | 124" |      |      |      |      |      |      |      |      |

**1/2" GLOBE P-380 LAMINATED CHEM TEM GLASS (WITH GLAZING DETAIL 2 & GLAZING OPTION 2)**

| (1) SHORT DIMENSION | DESIGN LOAD CAPACITY (PSF) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                     | POS.                       | NEG. | POS. | NEG. | POS. | NEG. | POS. | NEG. | POS. | NEG. | POS. | NEG. | POS. | NEG. | POS. | NEG. |
| 32"                 | 60.0                       | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 |
| 36"                 | 60.0                       | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 |
| 40"                 | 60.0                       | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 |
| 44"                 | 60.0                       | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 |
| 48"                 | 60.0                       | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 |
| 52"                 | 60.0                       | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 74.3 | 60.0 | 71.8 | 60.0 | 67.0 | 60.0 | 62.2 | 0    | 0    |
| 56"                 | 60.0                       | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 68.2 | 60.0 | 65.3 | 60.0 | 60.3 | 0    | 0    | 0    | 0    |
| 60"                 | 60.0                       | 75.0 | 60.0 | 75.0 | 60.0 | 74.1 | 60.0 | 63.7 | 60.0 | 60.9 | 0    | 0    | 0    | 0    | 0    | 0    |
| 64"                 | 60.0                       | 75.0 | 60.0 | 75.0 | 60.0 | 70.7 | 60.0 | 60.6 | 58.1 | 58.1 | 0    | 0    | 0    | 0    | 0    | 0    |
| 72"                 | 53.3                       | 66.7 | 53.3 | 66.7 | 53.3 | 62.7 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| (1) LONG DIMENSION  | 72"                        | 76"  | 84"  | 96"  | 100" | 108" | 120" | 124" |      |      |      |      |      |      |      |      |

**5/8" VIRACON HRG2 LAMINATED HEAT STRENGTHENED GLASS (WITH GLAZING DETAIL 2 & GLAZING OPTION 3)**

| (1) SHORT DIMENSION | DESIGN LOAD CAPACITY (PSF) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                     | POS.                       | NEG. | POS. | NEG. | POS. | NEG. | POS. | NEG. | POS. | NEG. | POS. | NEG. | POS. | NEG. | POS. | NEG. |
| 32"                 | 60.0                       | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 |
| 36"                 | 60.0                       | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 |
| 40"                 | 60.0                       | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 |
| 44"                 | 60.0                       | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 |
| 48"                 | 60.0                       | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 |
| 52"                 | 60.0                       | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 0    | 0    |
| 56"                 | 60.0                       | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 0    | 0    |
| 60"                 | 60.0                       | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 0    | 0    |
| 64"                 | 60.0                       | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 60.0 | 75.0 | 0    | 0    |
| 72"                 | 53.3                       | 66.7 | 53.3 | 66.7 | 53.3 | 66.7 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| (1) LONG DIMENSION  | 72"                        | 76"  | 84"  | 96"  | 100" | 108" | 120" | 124" |      |      |      |      |      |      |      |      |

| ITEM # | PART #  | REQD.  | DESCRIPTION                       | MATERIAL         | MANF./REMARKS  |
|--------|---------|--------|-----------------------------------|------------------|----------------|
| 1      | 900508  | 4      | HEAD, SILL & SIDE JAMB CLAD (TFT) | 6063-T5 ALUMINUM | CAPITOL        |
| 2      | 780959  | 1      | CONTINUOUS MULLION CLIP           | 6063-T5 ALUMINUM | CAPITOL        |
| 3      | 310003  | 1      | HEAD JAMB                         | * WOOD           | WEATHER SHIELD |
| 4      | 310004  | 1      | SILL                              | * WOOD           | WEATHERSHIELD  |
| 5      | 310021  | 2      | SIDE JAMBS                        | * WOOD           | WEATHER SHIELD |
| 7      | 969911  | 1      | SILL CLAD                         | 6063-T5 ALUMINUM | CAPITOL        |
| 9      | -       | 4/SASH | GLASS STOP                        | * WOOD           | WEATHER SHIELD |
| 10     | -       | 2      | SASH RAIL                         | * WOOD           | WEATHER SHIELD |
| 11     | -       | 2      | SASH STILE                        | * WOOD           | WEATHER SHIELD |
| 12     | 90029W  | 1      | STATIONARY OPERATOR COVER         | * WOOD           | WEATHER SHIELD |
| 14     | 7600611 | 4      | WEATHER STRIP                     | -                | AMESBURY       |
| 18     | 760013  | 3      | HEAD & SIDE JAMB WEATHER STRIP    | VINYL            | WEATHER SHIELD |
| 19     | 969378  | 2      | SASH RAIL COVER                   | 6063-T5 ALUMINUM | CAPITOL        |
| 20     | 969381  | 2      | SASH STILE COVER                  | 6063-T5 ALUMINUM | CAPITOL        |

\* WOOD USED WITH TEST UNITS WAS PONDEROSA PINE. ALTERNATE WOOD SPECIES TO BE APPLICABLE WITH THESE WINDOWS IS MIN. GRADE 2 MAHOGANY, SOUTHERN PINE, OAK, CHERRY, MAPLE, DOUGLAS FIR & CYPRUS.

**1/2" GLOBE P-380 LAMINATED CHEM TEM GLASS (WITH GLAZING DETAIL 1 & GLAZING OPTION 1)**

| (1) SHORT DIMENSION | DESIGN LOAD CAPACITY (PSF) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                     | POS.                       | NEG. | POS. | NEG. | POS. | NEG. | POS. | NEG. | POS. | NEG. | POS. | NEG. | POS. | NEG. | POS. | NEG. | POS. | NEG. | POS. | NEG. | POS. | NEG. | POS. | NEG. |
| 32"                 | 75.0                       | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| 36"                 | 75.0                       | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| 40"                 | 75.0                       | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| 44"                 | 75.0                       | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| 48"                 | 75.0                       | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| 52"                 | 75.0                       | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| 56"                 | 75.0                       | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| 60"                 | 74.7                       | 74.7 | 74.7 | 74.7 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| 64"                 | -                          | -    | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| 72"                 | -                          | -    | -    | -    | -    | -    | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| (1) LONG DIMENSION  | 60"                        | 64"  | 68"  | 72"  | 76"  | 84"  | 96"  | 100" | 108" | 120" | 124" |      |      |      |      |      |      |      |      |      |      |      |      |      |

**TABLE NOTES:**

(1) ALL WINDOW DIMENSION VALUES SHOWN ARE +/-1/2" & ARE FRAME (F.H. & F.W.) DIMENSIONS

Approved as complying with the Florida Building Code  
 Date **MARCH 31, 2005**  
 NOA# **05-0127-04**  
 Miami Dade Product Control  
 Division  
 By *Manuel Perez*

|   |                      |
|---|----------------------|
| DRAWN BY: S.T.R.  | CHECKED BY: W.W.S.   |
| DATE: 1/25/05   |                      |
| NO.   | REVISION DESCRIPTION |
| DATE  | BY                   |
| DRAWING TITLE: PEACHTREE IMPACT ALUMINUM CLAD CASEMENT FIXED PICTURE  |                      |
| MANUFACTURER: PEACHTREE DOORS & WINDOWS   |                      |
| 2744 RAMSEY ROAD<br>GAINESVILLE, GA 30501<br>770-534-8070   |                      |
| CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.<br>600 SANDTREE DRIVE, SUITE 203B<br>PALM BEACH GARDENS, FL 33403<br>PHONE: 561-775-4902 FAX: 561-775-4903 |                      |
| CERTIFICATION   | JAN 25 2005          |
| WARREN W. SCHAEFER, P.E.  | NO. 44735            |
| DRAWING NO. 1384  | REV.                 |
| SHEET NO. 4   | OF 4                 |