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3773 STATE ROAD  
 CUYAHOGA FALLS, OH 44223

# MODEL "i" 971 PVC CASEMENT WINDOW "IMPACT"

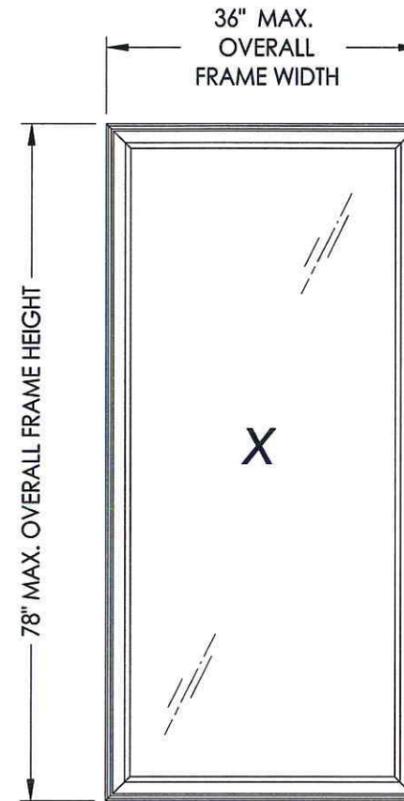
ALSO DISTRIBUTED UNDER THE FOLLOWING TRADE NAMES:  
**ASSOCIATED MATERIALS, INC.**

EVALUATED FOR USE IN THE STATE OF TEXAS

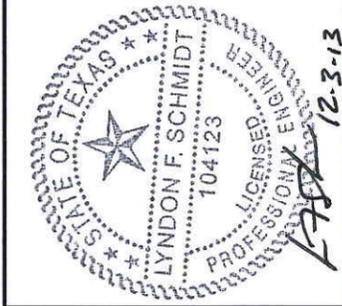
The Casement Window described herein complies with the 2006 International Residential Code (IRC), Sections R301 & R613 and the 2006 International Building Code (IBC), Sections 1405.12, 1609, 1714.5, 2403 and 2404 (including Texas revisions) subject to the following conditions:

1. Anchors shall be as listed and spaced as shown in the details. Anchor embedment to base material shall be beyond wall dressing or stucco.
2. When used in areas requiring wind-borne debris protection (Seaward and Inland I areas), this product complies with Section R301.2.1.2 of the IRC and Section 1609.1.2 of the IBC and does not require impact protection. This product meets missile level "D" and includes Wind Zone 3 as defined in ASTM E 1996.
3. Allowable design pressure requirements must be equal to or less than the design pressure rating shown in the design pressure chart, sheet 1 of this drawing.
4. Conditions not covered by this drawing are subject to further engineering analysis.

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| SHEET#            | DESCRIPTION  |
| 1                 | Typical elevations, design pressures & general notes |
| 2                 | Frame anchoring & cross sections                     |
| 3                 | Bill of materials , glazing details and components   |



| OVERALL FRAME DIMENSION | OVERALL DAY LIGHT DIMENSION | GLASS TYPE | DESIGN PRESSURE (PSF) |       |
|-------------------------|-----------------------------|------------|-----------------------|-------|
|                         |                             |            | POS.                  | NEG.  |
| 36.0" x 78.0"           | 30.25" x 72.25"             | G1         | +50.0                 | -50.0 |



Documents Prepared By: Lyndon F. Schmidt, P.E.  
 TEXAS P.E. #104123

**RW** BUILDING CONSULTANTS, INC.  
 P.O. Box 230 Valrico FL, 33595  
 Phone No.: 813.659.9197

TEXAS BOARD OF PROFESSIONAL ENGINEERS  
 CERTIFICATE OF REGISTRATION # F-11852

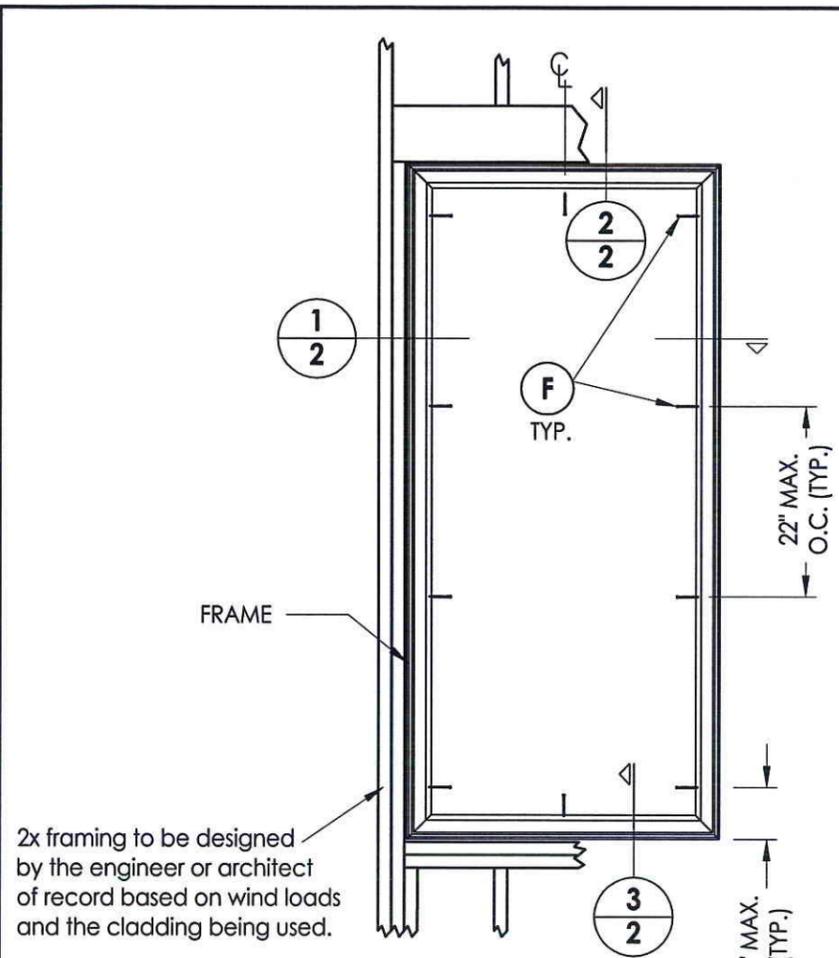
PRODUCT: FIXED WINDOW

PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

| NO. | DATE | BY | REVISIONS |
|-----|------|----|-----------|
|     |      |    |           |
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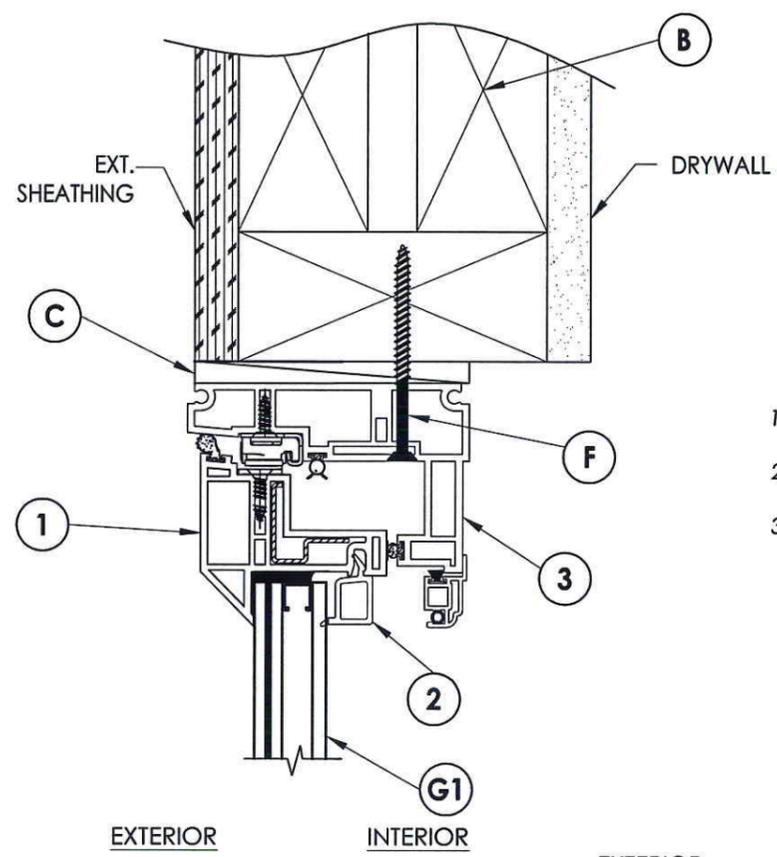
DATE: 12/03/13  
 SCALE: N.T.S.  
 DWG. BY: JK  
 CHK. BY: LFS  
 DRAWING NO.: TX-4414  
 SHEET 1 OF 3

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**FRAME ANCHORING**  
2X Stud Construction

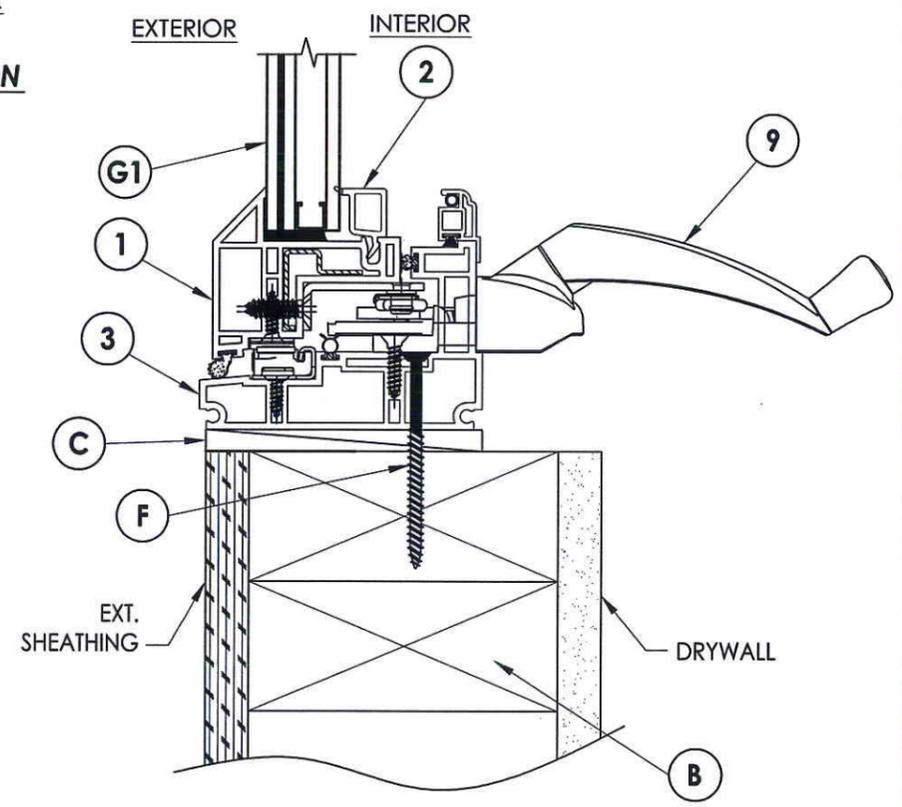
2x framing to be designed by the engineer or architect of record based on wind loads and the cladding being used.



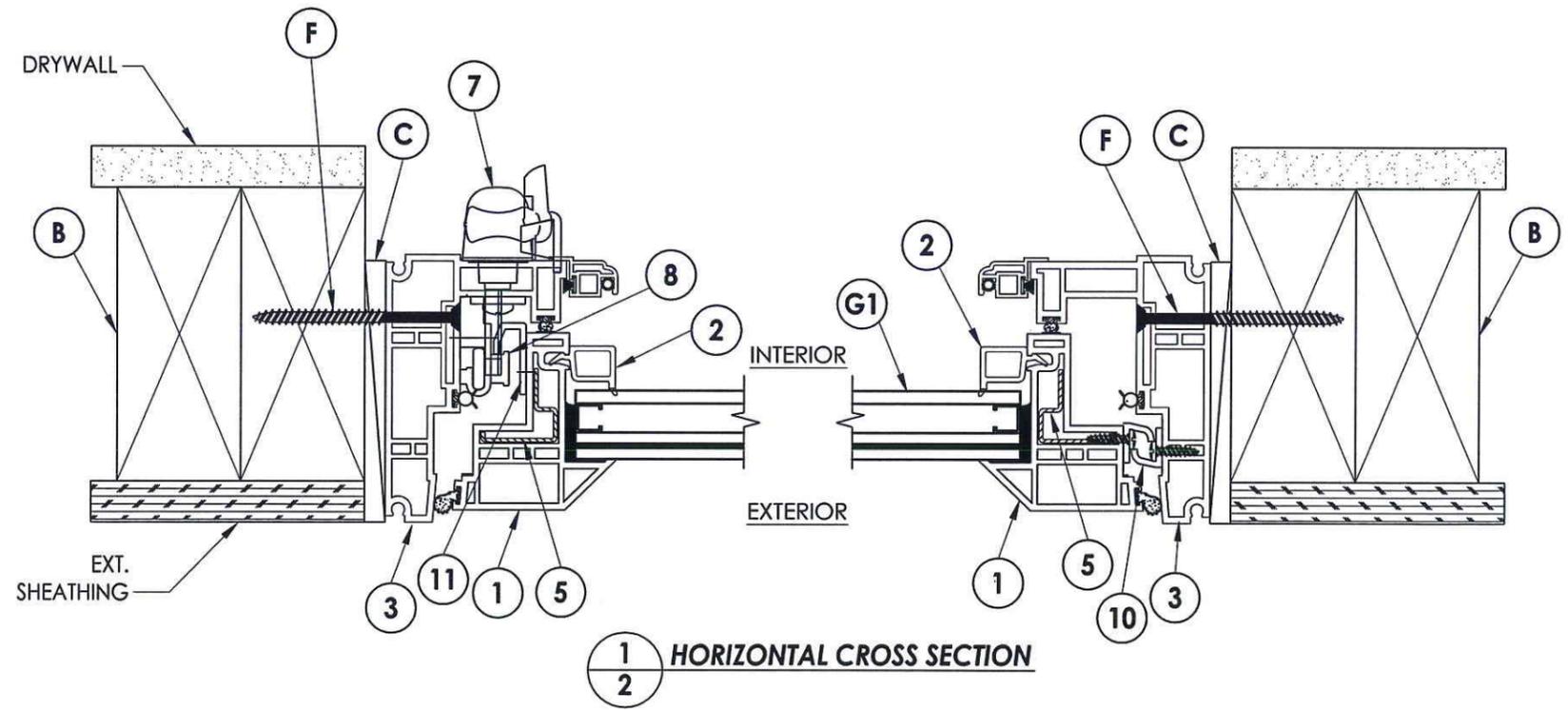
**2 VERTICAL CROSS SECTION**

**HARDWARE NOTES:**

1. Keepers (4) are located 3-1/2", 25", 46-1/2" & 68-1/2" from the bottom of the frame.
2. Snubbers are located @ 15", 31", 47" & 63" from the bottom of the frame.
3. Substitute one #8 x 2-1/2" PH Wood Screw for the top installation screw in each snubber (4) and tie bar guide (4).



**3 VERTICAL CROSS SECTION**



**1 HORIZONTAL CROSS SECTION**



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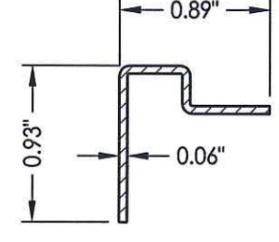
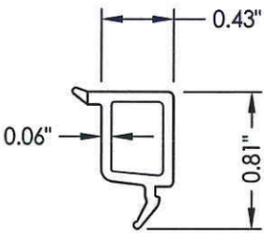
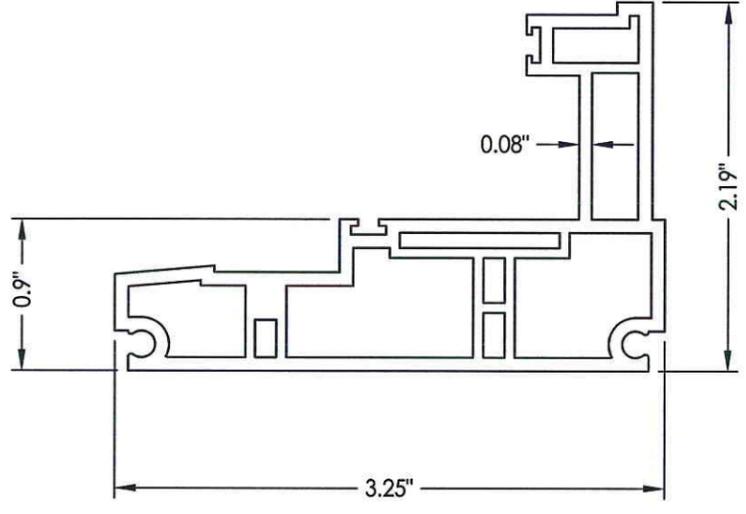
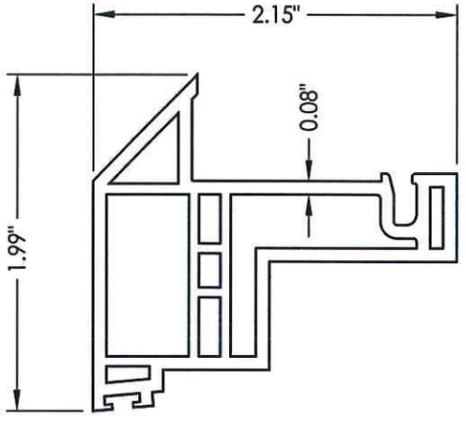
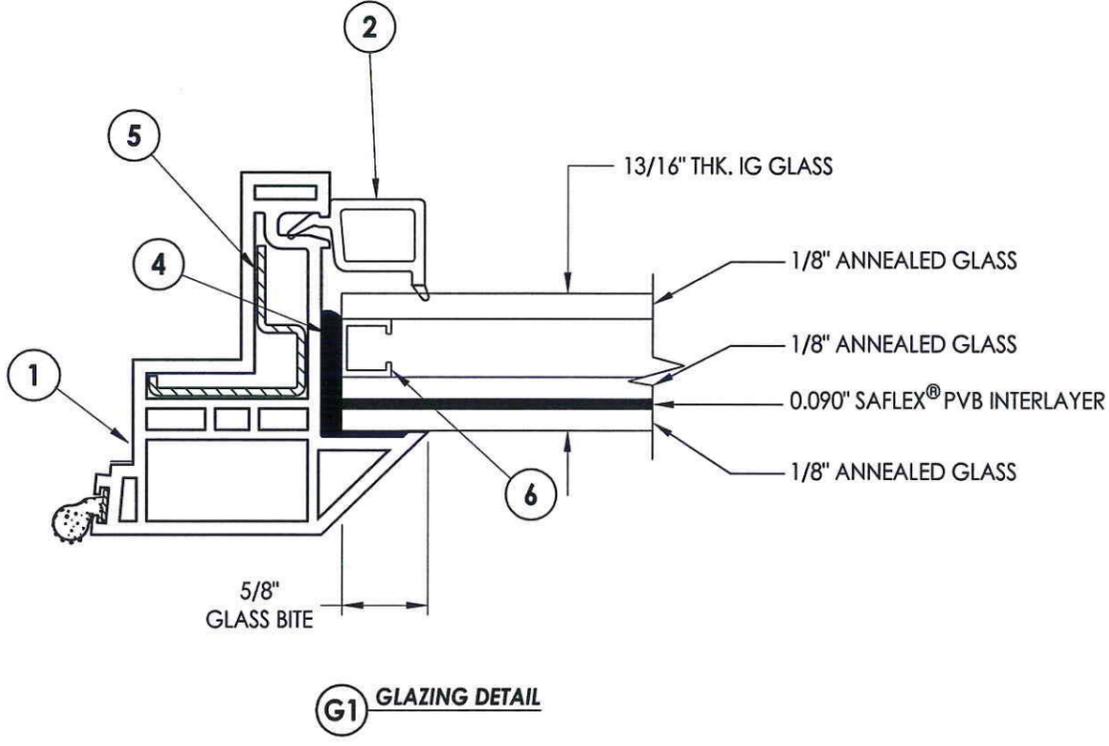
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|                   |                                  |           |
|-------------------|----------------------------------|-----------|
| PRODUCT:          | FIXED WINDOW                     |           |
| PART OR ASSEMBLY: | FRAME ANCHORING & CROSS SECTIONS |           |
| NO.               | DATE                             | BY        |
|                   |                                  | REVISIONS |
| DATE:             | 12/03/13                         |           |
| SCALE:            | N.T.S.                           |           |
| DWG. BY:          | JK                               |           |
| CHK. BY:          | LFS                              |           |
| DRAWING NO.:      | TX-4414                          |           |
| SHEET             | 2                                | OF 3      |

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| BILL OF MATERIALS |  |           |
|-------------------|--|-----------|
| ITEM #            | DESCRIPTION                                | MATERIAL  |
| B                 | 2X FRAMING (SG >= 0.42)                    | WOOD      |
| C                 | 1/4" MAX. SHIM SPACE                       | -         |
| F                 | #10 X 2-1/2" PFH SMS                       | STEEL     |
| 1                 | EXTRUDED VINYL SASH FRAME *                | RIGID PVC |
| 2                 | EXTRUDED VINYL GLAZING BEAD *              | RIGID PVC |
| 3                 | EXTRUDED VINYL MAIN FRAME *                | RIGID PVC |
| 4                 | PURFECT GLAZE SEALANT                      | SILICONE  |
| 5                 | SASH REINFORCEMENT (3205)                  | STEEL     |
| 6                 | STEEL INTERCEPT SPACER                     | STEEL     |
| 7                 | LOCK HANDLE w/ GASKET (TRUTH)              | -         |
| 8                 | TIE BAR (TRUTH) & GUIDE w/ #8 x 1" PPH SMS | STEEL     |
| 9                 | OPERATOR HANDLE (TRUTH)                    | -         |
| 10                | SNUBBER (ASHLAND) w/ #8 x 1/2" PPH SMS     | STEEL     |
| 11                | KEEPER                                     | -         |

\* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



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CERTIFICATE OF REGISTRATION # F-11852

|                   |   |      |
|-------------------|---|------|
| PRODUCT:          | FIXED WINDOW                                    |      |
| PART OR ASSEMBLY: | BILL OF MATERIALS, GLAZING DETAILS & COMPONENTS |      |
| NO.               | DATE  | BY   |
| REVISIONS         |   |      |
| DATE:             | 12/03/13  |      |
| SCALE:            | N.T.S.  |      |
| DWG. BY:          | JK  |      |
| CHK. BY:          | LFS   |      |
| DRAWING NO.:      | TX-4414   |      |
| SHEET             | 3   | OF 3 |

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