



**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)**

**Schuco Homecraft, L.P.  
240 Pane Road  
Newington, CT 06111**

**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 5000 Outswing White PVC Casement Window**

**APPROVAL DOCUMENT:** Drawing No. **S-2010**, titled "Series 5000 Casement Windows in Extruded Vinyl Frames", sheets 1 through 5 of 5, dated 04/26/00, with revision # 3 dated 03/11/04, prepared by RW Building Consultants, Inc., signed and sealed by Wendell W. Haney, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: None**

**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 **renews NOA # 00-0526.02** 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 04-0507.04  
Expiration Date: June 10, 2009  
Approval Date: June 10, 2004  
Page 1**

Schuco Homecraft, L.P.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **S-2010** titled "Series 5000 Casement Windows in Extruded Vinyl Frames", sheets 1 through 5 of 5, dated 04/26/00, with revision # **3** dated 03/11/04, prepared by RW Building Consultants, Inc., signed and sealed by Wendell W. Haney, P.E.

**B. TESTS**

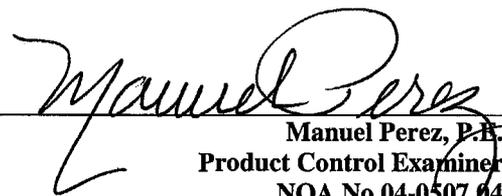
1. Test reports on 1) Air Infiltration Test per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test Loading per FBC, TAS 202-94  
3) Water Resistance Test per FBC, TAS 202-94  
4) Forced Entry Test per FBC 2411.3.2.1 (b) and TAS 202-94  
along with marked-up drawings and installation diagram of single 5000 series extruded vinyl casement windows, prepared and issued by ETC Laboratories, Test report No. **ETC-00-189-9154.0** dated April 22, 2000, signed and sealed by Joseph L. Doldan, P.E.  
*"Submitted under NOA # 00-0526.02"*
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  
along with marked-up drawings and installation diagram of a 5000 series extruded vinyl vent casement/fixed frame/vent casement window, prepared and issued by ETC Laboratories, Test report No. **ETC-00-189-9155.0** dated April 22, 2000, signed and sealed by Joseph L. Doldan, P.E.  
*"Submitted under NOA # 00-0526.02"*

**C. CALCULATIONS**

1. Anchor calculations for Schuco Homecraft, L.P. Single Casement Vinyl Window, dated 4/25/00 and prepared, signed and sealed by Mark Fetherman, P. E.  
*"Submitted under NOA # 00-0526.02"*
2. Anchor calculations for Schuco Homecraft, L.P. Combination Fixed w/ Casement, dated 4/25/00 and prepared, signed and sealed by Mark Fetherman, P. E.  
*"Submitted under NOA # 00-0526.02"*

**D. QUALITY ASSURANCE**

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

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No 04-0507.04

Expiration Date: June 10, 2009  
Approval Date: June 10, 2004

**Schuco Homecraft, L.P.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**E. MATERIAL CERTIFICATIONS**

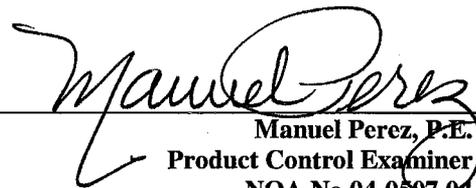
1. Notice of Acceptance No. **00-0503.06** issued to Pillar Plastics Limited for "White Rigid PVC Exterior Profile Extrusions" dated 06/29/2000, expiring on 06/29/2003.  
*"Submitted under NOA # 00-0526.02"*

**F. STATEMENTS**

1. Statement letter of no financial interest, dated February 16, 2000, signed by Ernest Chace, Jr. Director of Quality and Engineering, Schuco Homecraft, L.P.  
*"Submitted under NOA # 00-0526.02"*
2. Statement letter of no financial interest, dated April 26, 2000, signed by Mark C. Fetherman, P.E. of Builder's Engineering Network, Inc.  
*"Submitted under NOA # 00-0526.02"*
3. Statement letter of conformance, dated April 26, 2000, signed by Mark C. Fetherman, P.E. of Builder's Engineering Network, Inc.  
*"Submitted under NOA # 00-0526.02"*
4. Letter from Schuco Homecraft, L.P. dated February 16, 2004, designating Rick Wright of R.W. Building Consultant Inc., as the contact person for this file.

**G. OTHER**

1. Notice of Acceptance No. **00-0526.02**, issued to Schuco Homecraft, L.P., Series 5000 Casement Windows in Extruded Vinyl Frames, approved on 11/16/00 and expiring on 11/16/03.



Manuel Perez, P.E.  
Product Control Examiner  
NOA No 04-0507.04

Expiration Date: June 10, 2009  
Approval Date: June 10, 2004



240 PANE ROAD NEWINGTON, CT 06111 PH. 860.666.0505 / FAX. 860.666.3351

**5000 SERIES  
CASEMENT WINDOWS IN  
EXTRUDED VINYL FRAMES**

**GENERAL NOTES**

1. THIS PRODUCT IS DESIGNED TO MEET THE "HVHZ" FLORIDA BUILDING CODE.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
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. IMPACT RESISTANT SHUTTERS REQUIRED
5. FOR DESIGN PRESSURE RATING SEE CHART THIS PAGE:

**CASEMENT WINDOWS  
(Common to all conditions)**

Window Construction:

Material: White P.V.C. lineal extrusions by PILLAR PLASTICS.

General: All corners are standard miters with fusion welds.

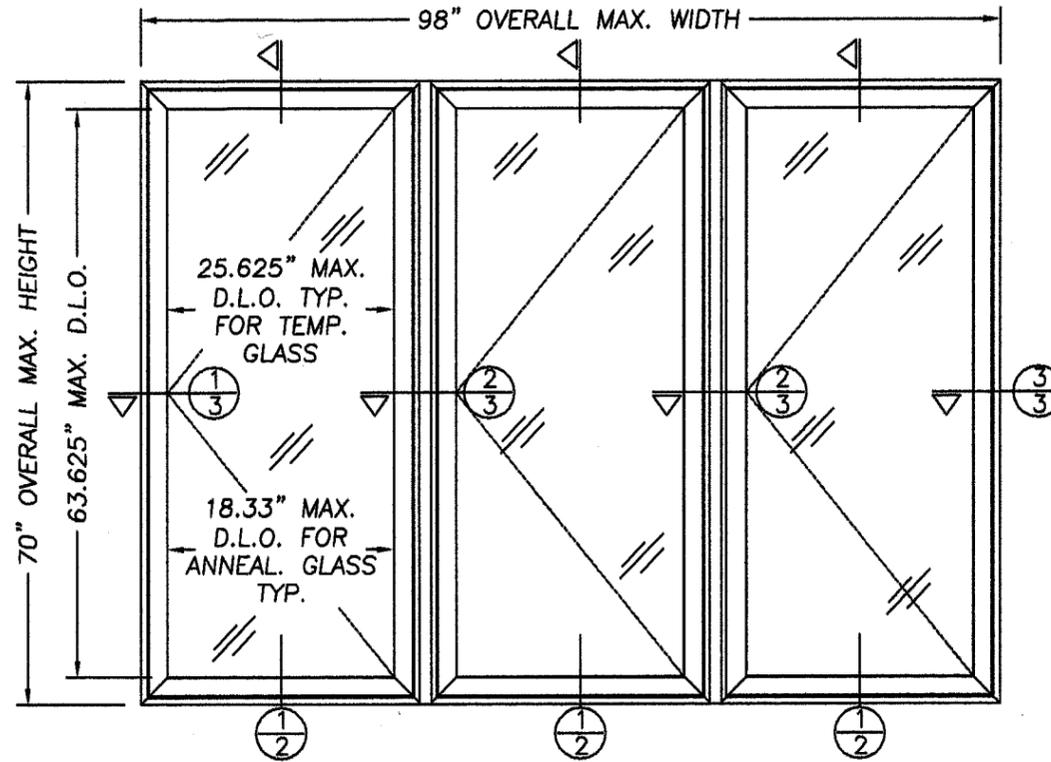
Wall Thickness Outer wall = .085";  
Inner wall = .070"

Glazing Method: The exterior is wet glazed with GE SilGlaze II. The interior is capped with an extruded P.V.C. Glass Stop by Pillar Plastics.

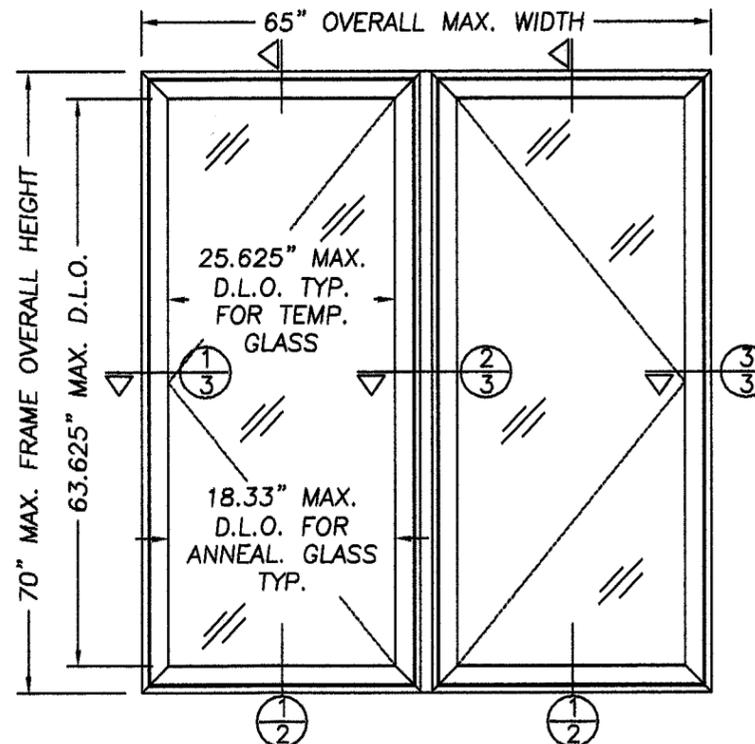
Operation: Hand roto operated.

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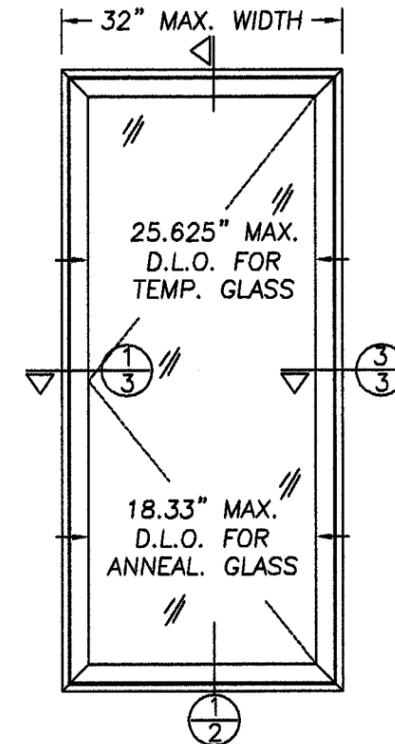
SHEET #	DESCRIPTION
1	ELEVATIONS
2	VERTICAL CROSS SECTION, B.O.M. & COMPONENTS
3	HORIZONTAL CROSS SECTIONS & GLAZING DETAILS
4	GLAZING DETAILS
5	ANCHORING LAYOUTS



**TRIPLE CASEMENT UNIT ELEVATION**



**DOUBLE CASEMENT UNIT ELEVATION**



**SINGLE CASEMENT UNIT ELEVATION**

DESIGN PRESSURE RATING	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED
POSITIVE	+ 65.0 psf
NEGATIVE	- 70.0 psf

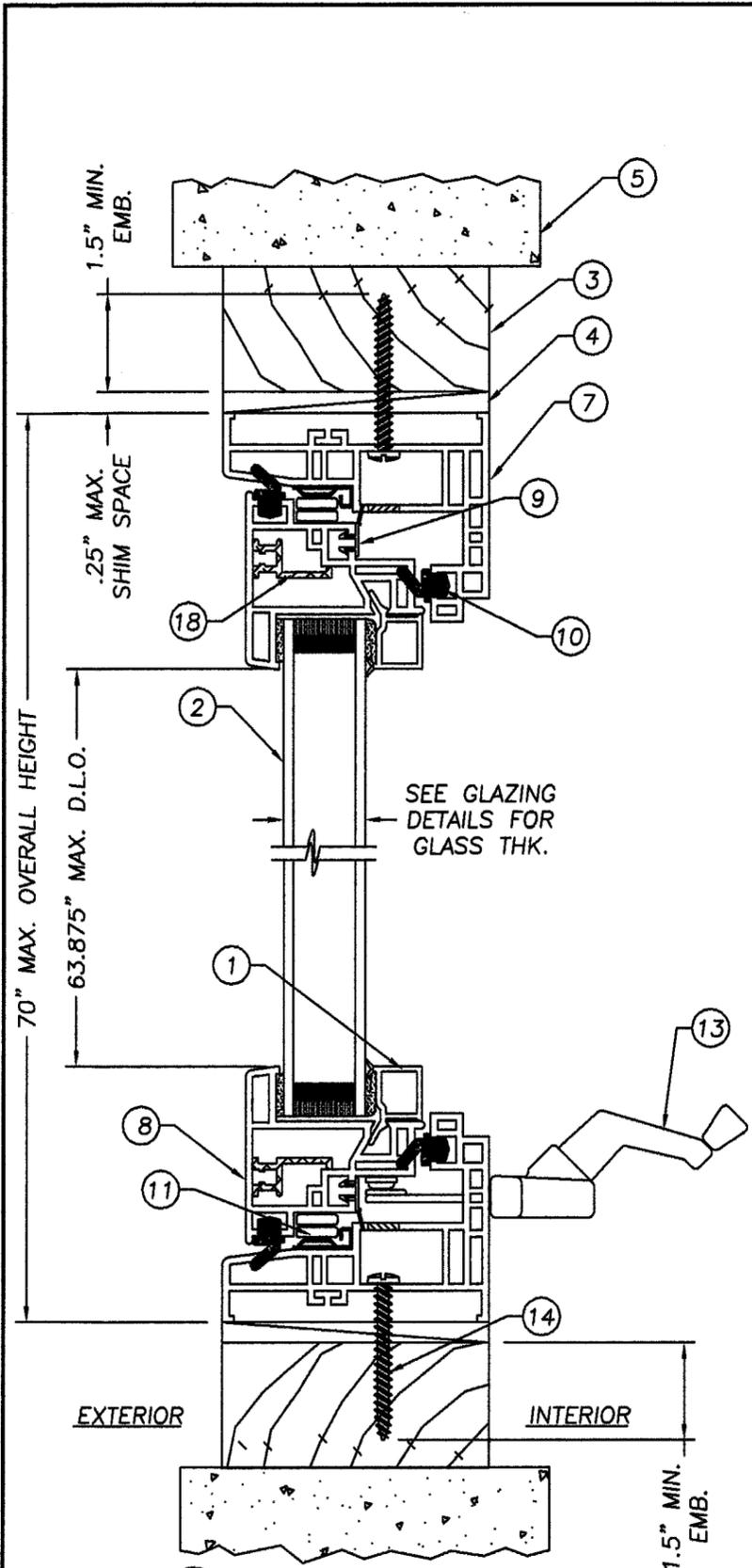
PRODUCT RENEWED as complying with the Florida Building Code  
Acceptance No. **04-0507.04**  
Expiration Date **JUNE 10, 2009**  
By *Manuel Lopez*  
Miami Dade Product Control Division

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  
3/16/04  
Wendel W. Haney, P.E. NO. 54158

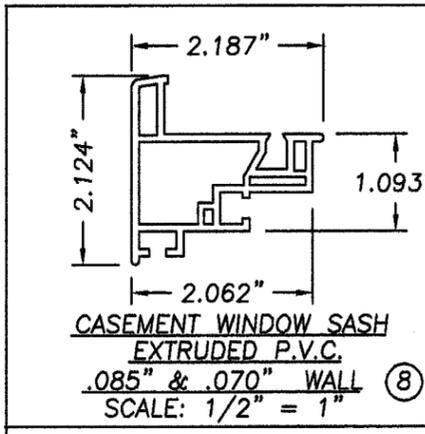
PRODUCT: SCHÜCO WELDED FRAME CASEMENT WINDOW UP TO 98" X 70" TRIPLE UNIT  
PART OR ASSEMBLY: GENERAL NOTES ELEVATIONS

NO.	DATE	REVISIONS
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2.	02/12/04	GENERAL UPDATE
1.	10/13/00	GENERAL REVISION
		BY
		TJH
		RAH
		GAF

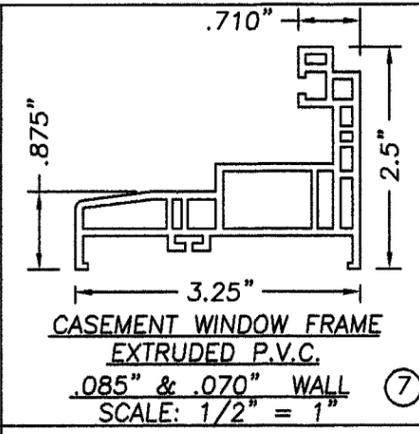
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SCALE: N.T.S.  
DWG. BY: TJH  
CHK. BY: RW  
DRAWING NO.: S-2010  
SHEET 1 OF 5



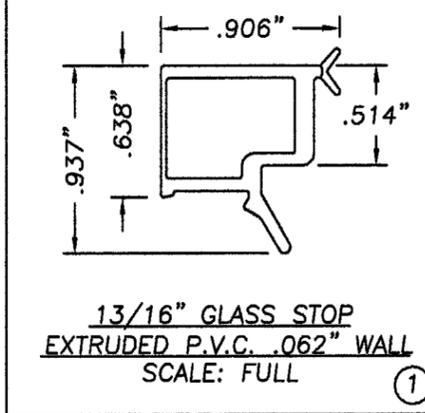
1 VERTICAL CROSS SECTION  
2 CASEMENT UNIT



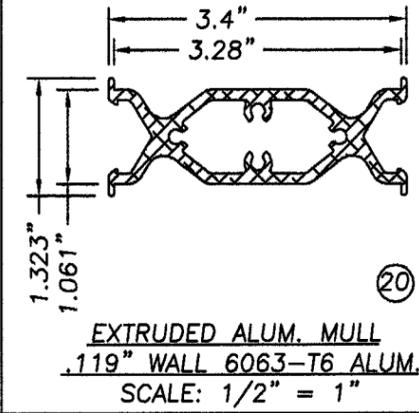
CASEMENT WINDOW SASH  
EXTRUDED P.V.C.  
.085\" & .070\" WALL  
SCALE: 1/2\" = 1\" 8



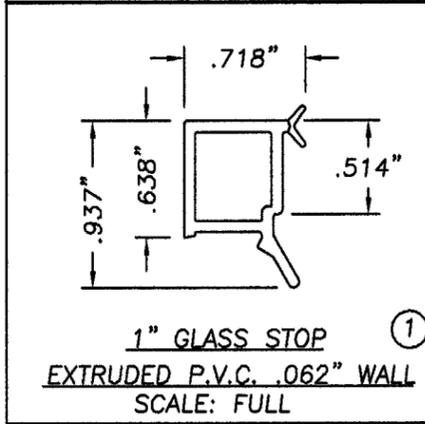
CASEMENT WINDOW FRAME  
EXTRUDED P.V.C.  
.085\" & .070\" WALL  
SCALE: 1/2\" = 1\" 7



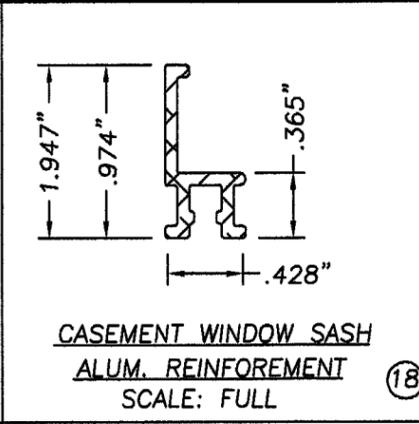
13/16\" GLASS STOP  
EXTRUDED P.V.C. .062\" WALL  
SCALE: FULL 1



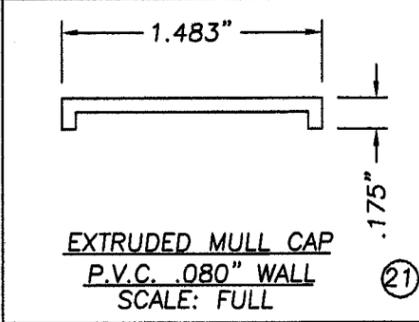
EXTRUDED ALUM. MULL  
.119\" WALL 6063-T6 ALUM.  
SCALE: 1/2\" = 1\" 20



1\" GLASS STOP  
EXTRUDED P.V.C. .062\" WALL  
SCALE: FULL 1

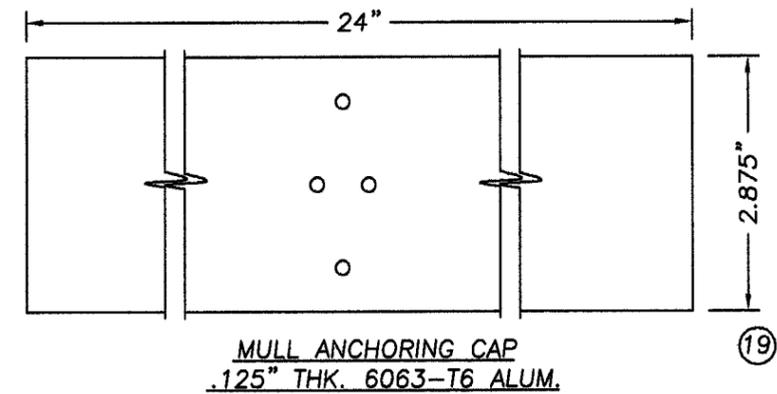


CASEMENT WINDOW SASH  
ALUM. REINFORCEMENT  
SCALE: FULL 18



EXTRUDED MULL CAP  
P.V.C. .080\" WALL  
SCALE: FULL 21

ITEM	DESCRIPTION	MATERIAL
1	EXTRUDED 13/16\" GLASS STOP (PILLAR PLASTICS .062\") EXTRUDED 1\" GLASS STOP (PILLAR PLASTICS .062\")	P.V.C.
2	GLAZING, 13/16\" INSULATED TEMPERED GLASS (BY FLORAL) GLAZING, 1\" INSULATED TEMPERED GLASS (BY FLORAL) GLAZING, 1\" TRIPLE INSULATED TEMPERED GLASS (BY FLORAL) GLAZING, 1\" ANNEALED GLASS (.75\" A.S. BY SCHUCO HOMECRAFT)	SEE GLAZING DETAILS SPT. 43
3	2X MATERIAL (BUCK)	WOOD
4	1/4\" MAX. SHIM SPACER	-
5	MASONRY WALL	-
6	GLAZING COMPOUND (GE SilGaze II SCS2800)	SILICONE
7	EXTRUDED CASEMENT FRAME (PILLAR PLASTICS .085\" WALL)	P.V.C.
8	EXTRUDED CASEMENT SASH (PILLAR PLASTICS .085\" WALL)	P.V.C.
9	CASEMENT MIDDLE SEAL (PILLAR PLASTICS .030\" WALL)	P.V.C.
10	CASEMENT OUTER & INNER SEAL (SCHLEGEL QWS 590)	FOAM
11	CONCEALED CASEMENT HINGE (TRUTH HARDWARE #14.96)	-
12	MULTI-POINT LOCKING SYSTEM (TRUTH HARDWARE #24)	STEEL
13	ROTO OPERATOR (TRUTH HARDWARE #15.26)	-
14	#10 x 2\" P.H. SCREW	STEEL
15	3/16\" TAPCON MASONRY ANCHOR (ELCO) 2\" L.	STEEL
16	#10 x 1\" P.P.H.S.M SCREW	STEEL
17	#10 x 3\" P.H. SCREW	STEEL
18	CASEMENT SASH REINFORCEMENT (6063-T3 ALUM.)	ALUM.
19	MULL ANCHORING CAP .125\" THK. x 2.875\" W. x 24\" LG.(6063-T6)	ALUM.
20	EXTRUDED CENTER MULL (.119\" WALL 6063-T6)	ALUM.
21	EXTRUDED MULL CAP (.080\" WALL)	P.V.C.
22	MULTI-POINT LOCKING SYSTEM KEEPER (TRUTH HARDWARE #31301 RIGHT HAND, #31302 LEFT HAND)	STEEL
23	SNUBBERS (TRUTH HARDWARE #10390)	STEEL
24	#8 x 2\" PH.FH. SCREW (TO ATTACH SNUBBERS)	STEEL
25	#6 x 1 1/4\" SELF TAPING SCREW (TO ATTACH KEEPERS)	STEEL
26	3/16\" TAPCON MASONRY ANCHOR (ELCO) 2 1/2\" L.	STEEL



MULL ANCHORING CAP  
.125\" THK. 6063-T6 ALUM. 19

Product Approval Documents Prepared By:  
**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  
 3/16/04  
*Wendell W. Jany, P.E. NO.54158*

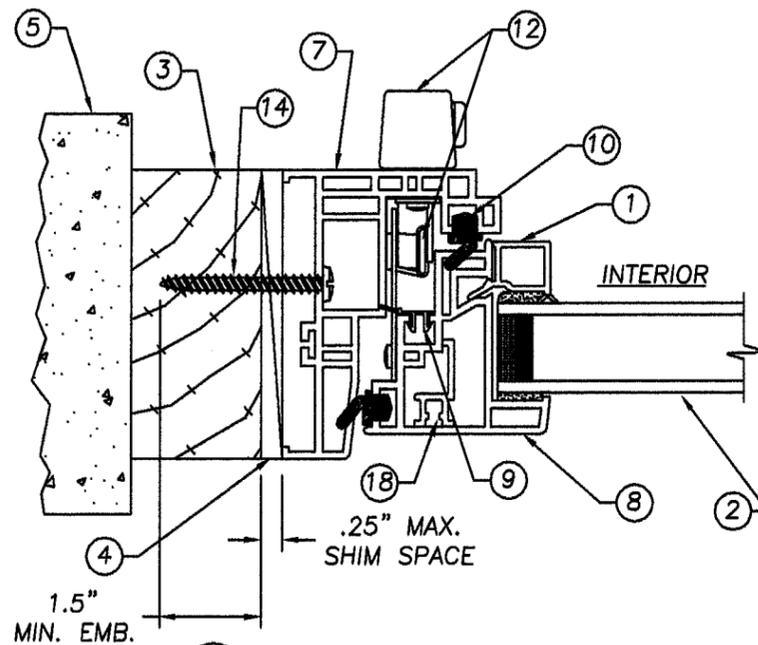
PRODUCT: SCHUCO WELDED FRAME  
CASEMENT WINDOW UP TO  
98\" X 70\" TRIPLE UNIT

PART OR ASSEMBLY:  
VERTICAL CROSS SECTION  
B.O.M. & COMPONENTS

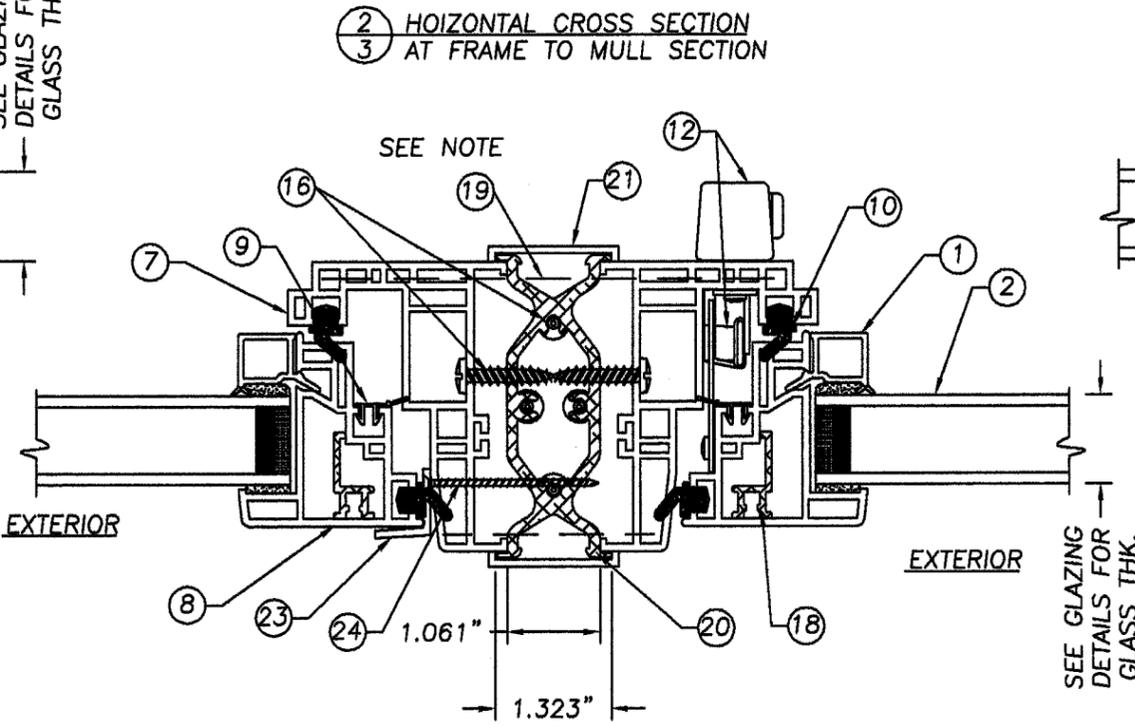
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3.	03/11/04	GENERAL UPDATE
2.	02/12/04	GENERAL UPDATE
1.	10/13/00	GENERAL REVISION
NO.	DATE	BY

DATE: 4/26/00  
 SCALE: N.T.S.  
 DWG. BY: TJH  
 CHK. BY: RW  
 DRAWING NO.: S-2010  
 SHEET 2 OF 5

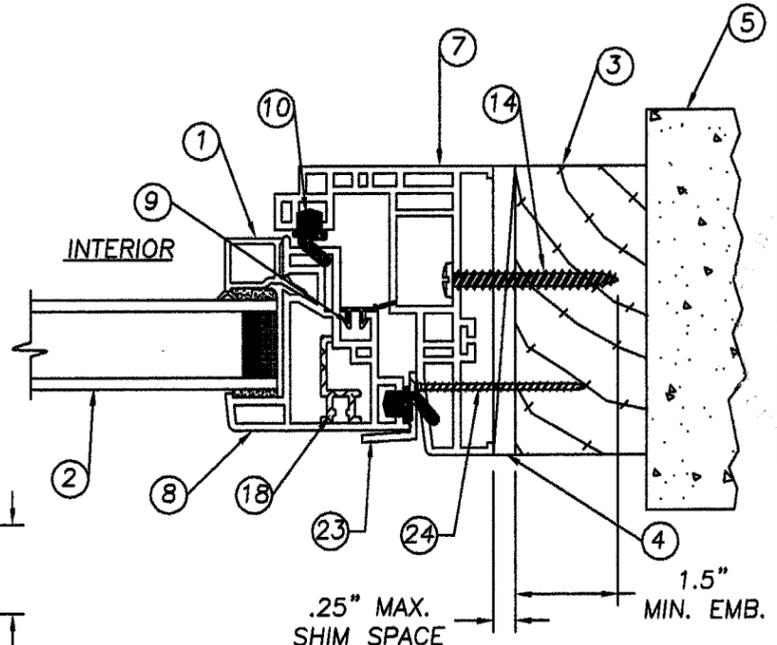
PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 04-0507.04  
 Expiration Date JUNE 10, 2009  
 By *Maurice Jany*  
 Miami Dade Product Control  
 Division



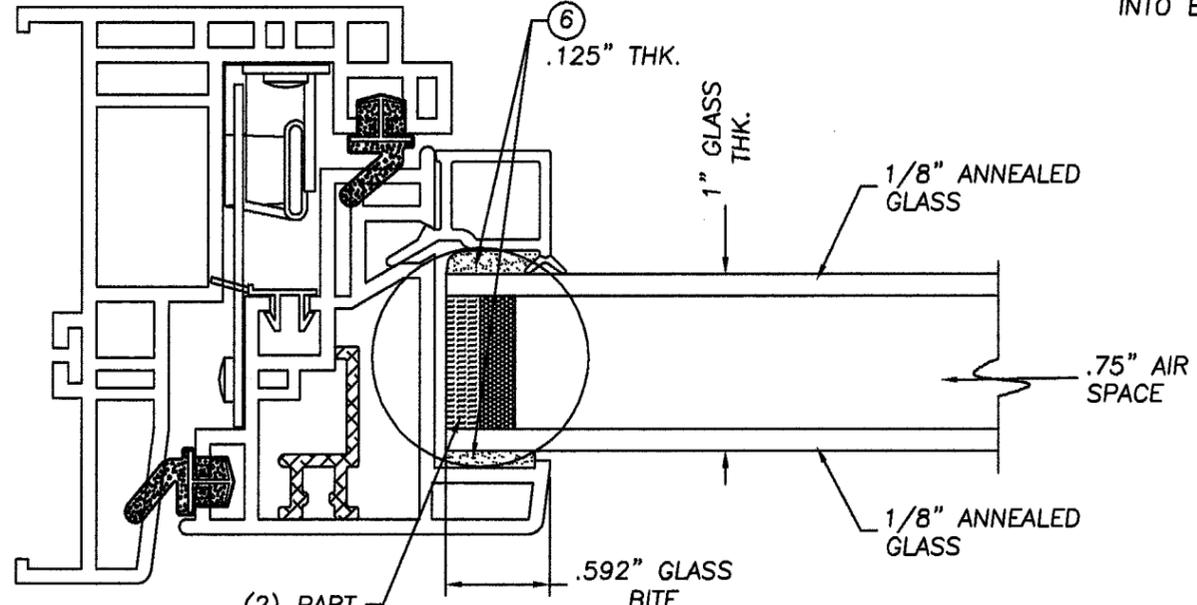
(1) HORIZONTAL CROSS SECTION AT FRAME TO BUCK, TYP.



(2) HORIZONTAL CROSS SECTION AT FRAME TO MULL SECTION



(3) HORIZONTAL CROSS SECTION AT FRAME TO BUCK, TYP.

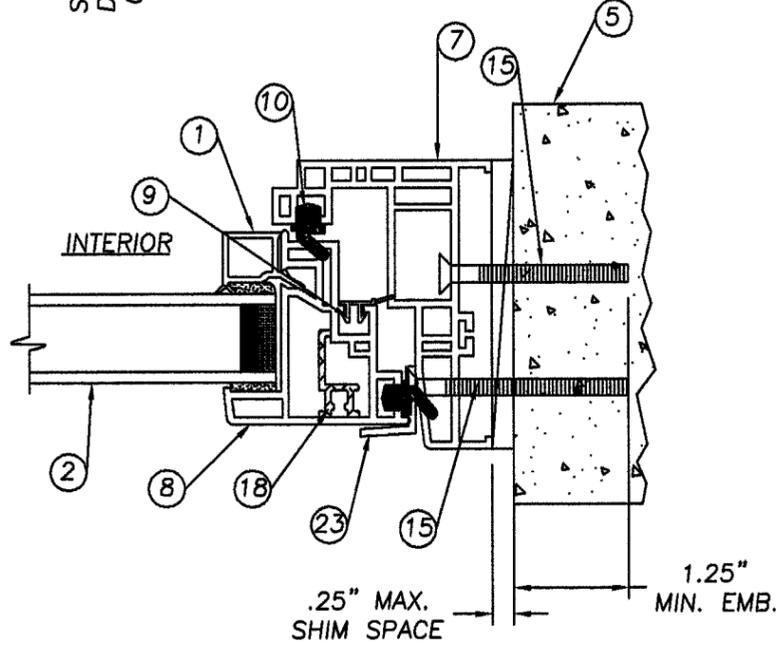


(2) PART THERMOPLASTIC SPACER SEE NOTE 1 & DETAIL "A" SHT. 4

1" NOM. ANNEALED GLASS BY SCHUCO HOMECRAFT, GLAZING DETAIL

NOTE: ITEM #19 IS NOT SHOWN IN DETAIL FOR CLARITY OF VIEW. THERE ARE (4) #16 SCREWS THRU ITEM #19 INTO EACH WINDOW AT EACH MULL.

NOTE: MAX. DAYLITE OPENING FOR THIS OPTION IS 8.1 Sq. Ft. FOR DESIGN PRESSURE RATING INDICATED ON SHT. 1.



(3) HORIZONTAL CROSS SECTION AT FRAME TO MASONRY, TYP.

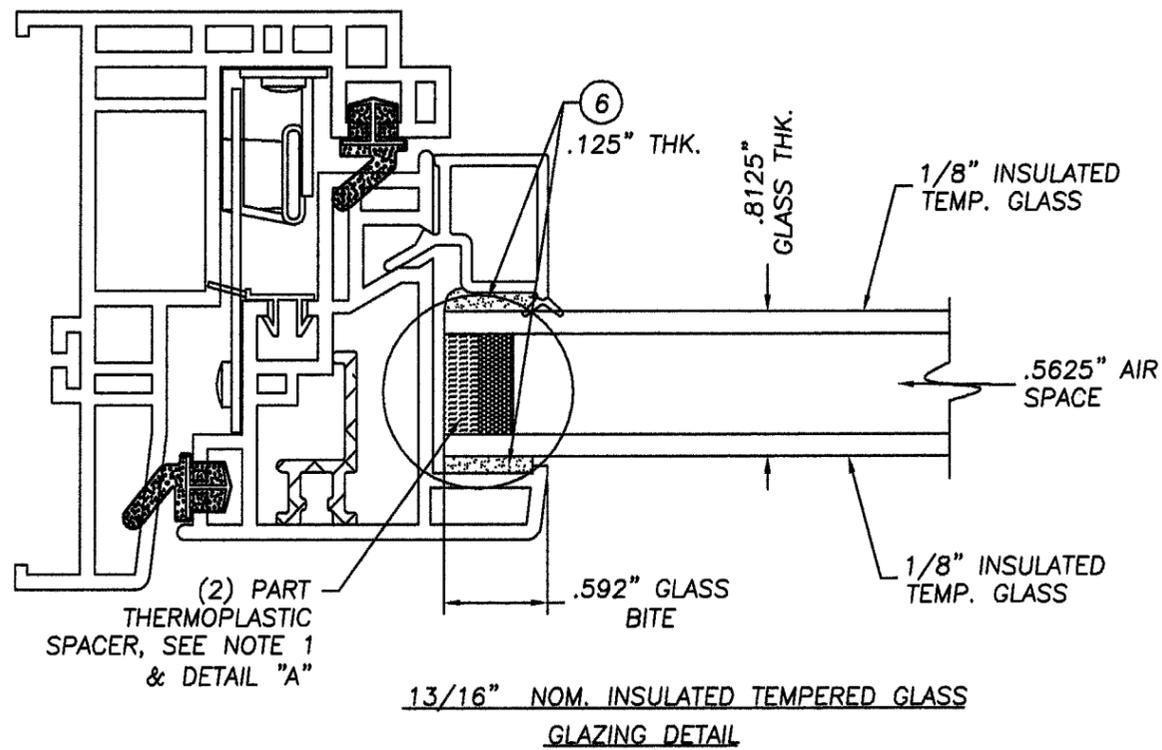
Product Approval Documents Prepared By:  
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 Wendel W. Haney, P.E. NO. 54158

PRODUCT: SCHUCO WELDED FRAME CASEMENT WINDOW UP TO 98" X 70" TRIPLE UNIT  
 PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS & GLAZING DETAILS

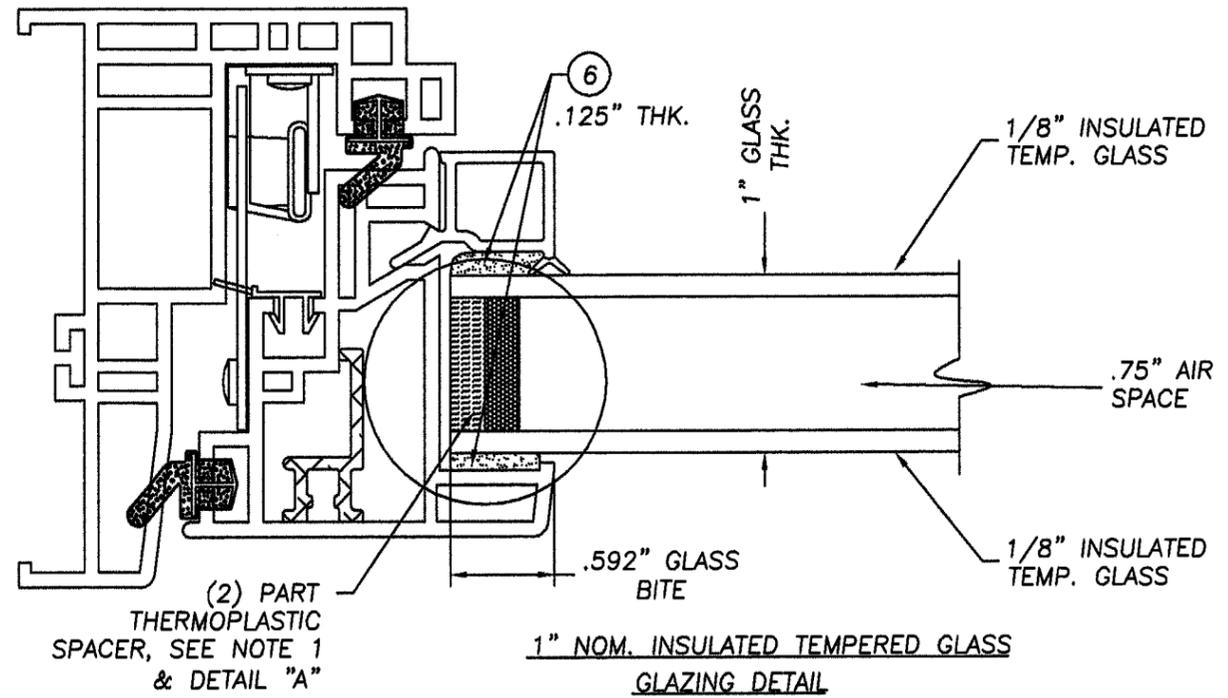
NO.	DATE	REVISIONS
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2.	02/12/04	GENERAL UPDATE
1.	10/13/00	GENERAL REVISION
		BY
		TJH
		RAH
		CAF

DATE: 4/26/00  
 SCALE: N.T.S.  
 DWG. BY: TJH  
 CHK. BY: RW  
 DRAWING NO.: S-2010  
 SHEET 3 OF 5

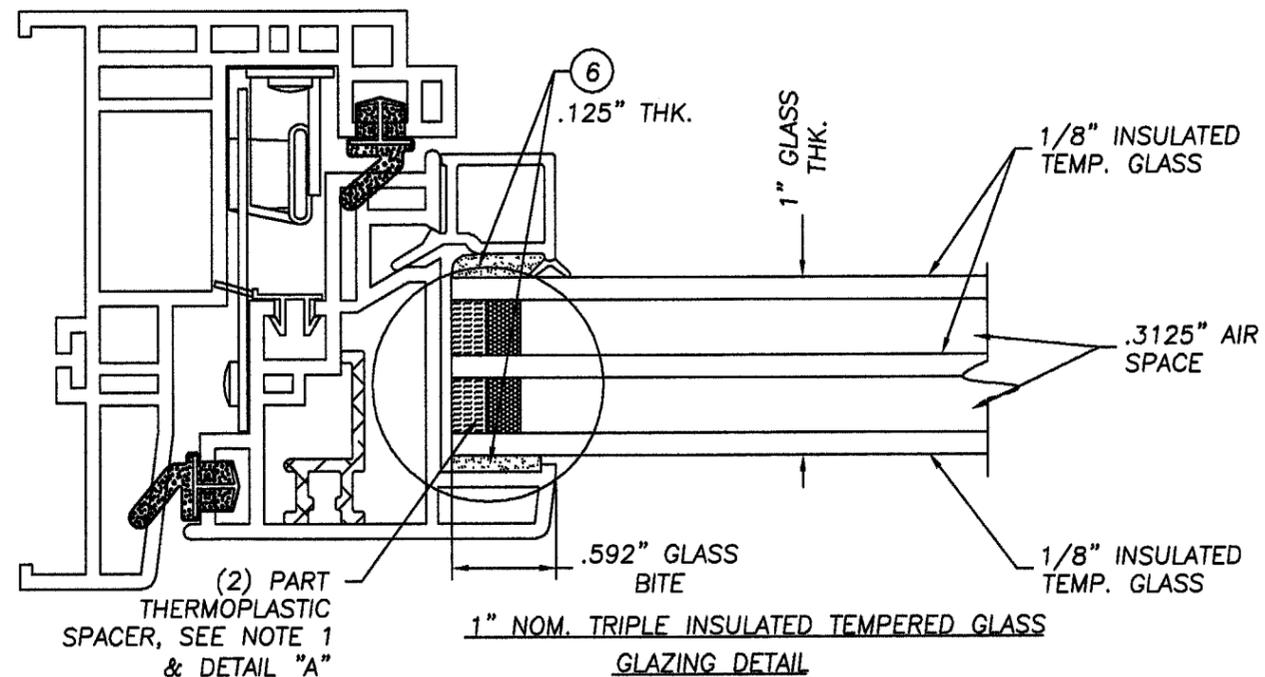
PRODUCT RENEWED as complying with the Florida Building Code  
 Acceptance No. 04-0507-04  
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 By: *Maurice Perez*  
 Miami Dade Product Control Division



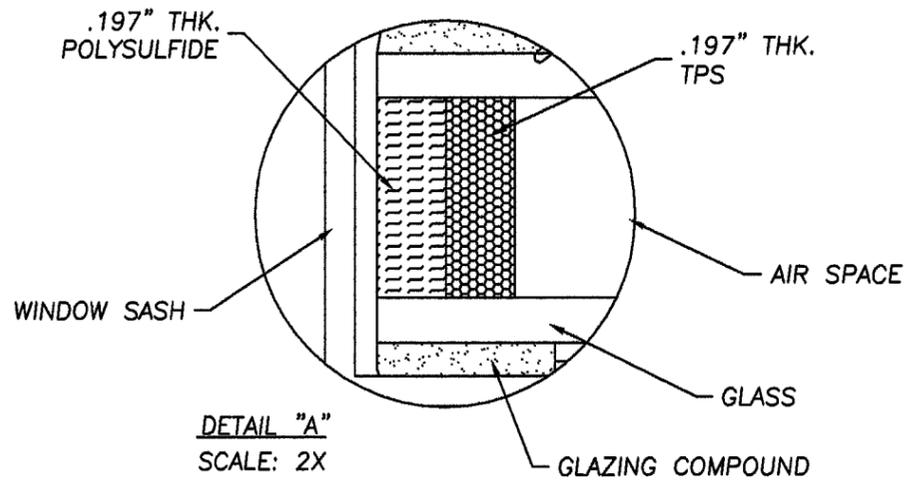
13/16" NOM. INSULATED TEMPERED GLASS  
GLAZING DETAIL



1" NOM. INSULATED TEMPERED GLASS  
GLAZING DETAIL



1" NOM. TRIPLE INSULATED TEMPERED GLASS  
GLAZING DETAIL



DETAIL "A"  
SCALE: 2X

NOTE:  
1. THE (2) PART THERMOPLASTIC SPACER, CONSISTS OF .197" THICK POLYSULFIDE AND .197" THICK TPS. SEE DETAIL "A" FOR CLARITY.

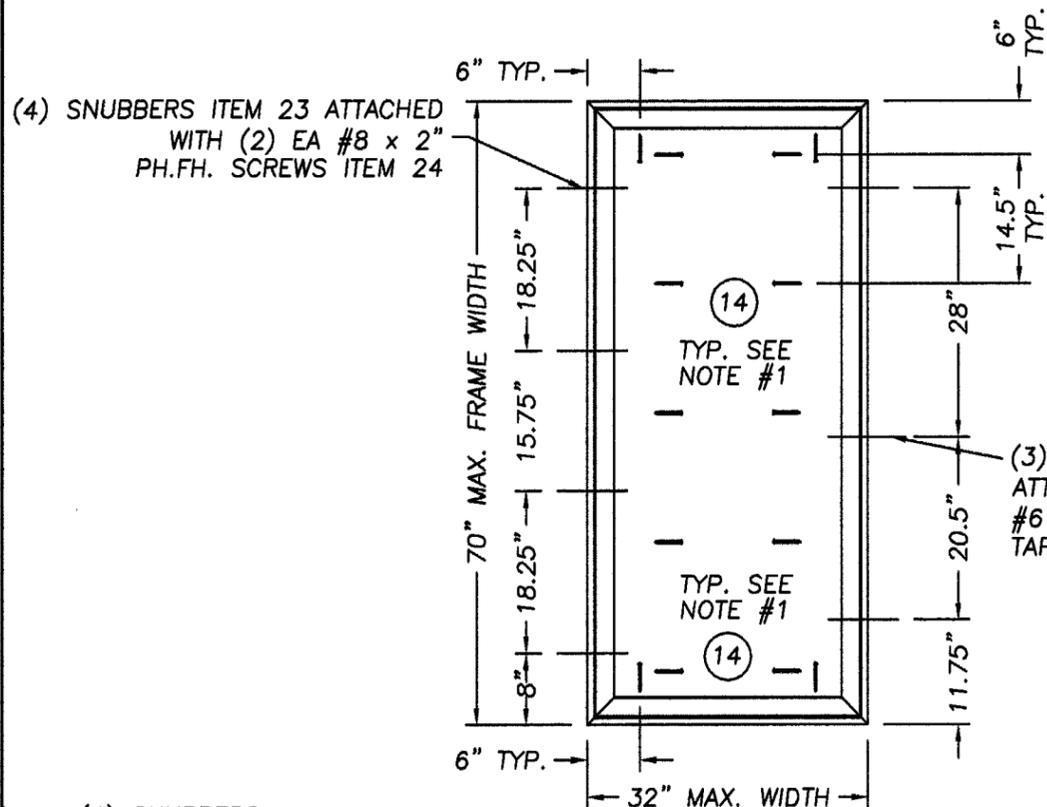
Product Approval Documents Prepared By:  
RW BUILDING CONSULTANTS, INC.  
P.O. Box 230 Vairico FL 33595  
Phone No.: 813.659.9197  
Florida Board of Professional Engineers  
Certificate Of Authorization No. 9813  
Wendell W. Harty, P.E. NO. 54158  
3/16/04

PRODUCT: SCHUCO WELDED FRAME CASEMENT WINDOW UP TO 98" X 70" TRIPLE UNIT  
PART OR ASSEMBLY: GLAZING DETAILS

NO.	DATE	REVISIONS
3.	03/11/04	GENERAL UPDATE
2.	02/12/04	GENERAL UPDATE
1.	10/13/00	GENERAL REVISION

DATE: 4/26/00  
SCALE: N.T.S.  
DWG. BY: TJH  
CHK. BY: RW  
DRAWING NO.: S-2010  
SHEET 4 OF 5

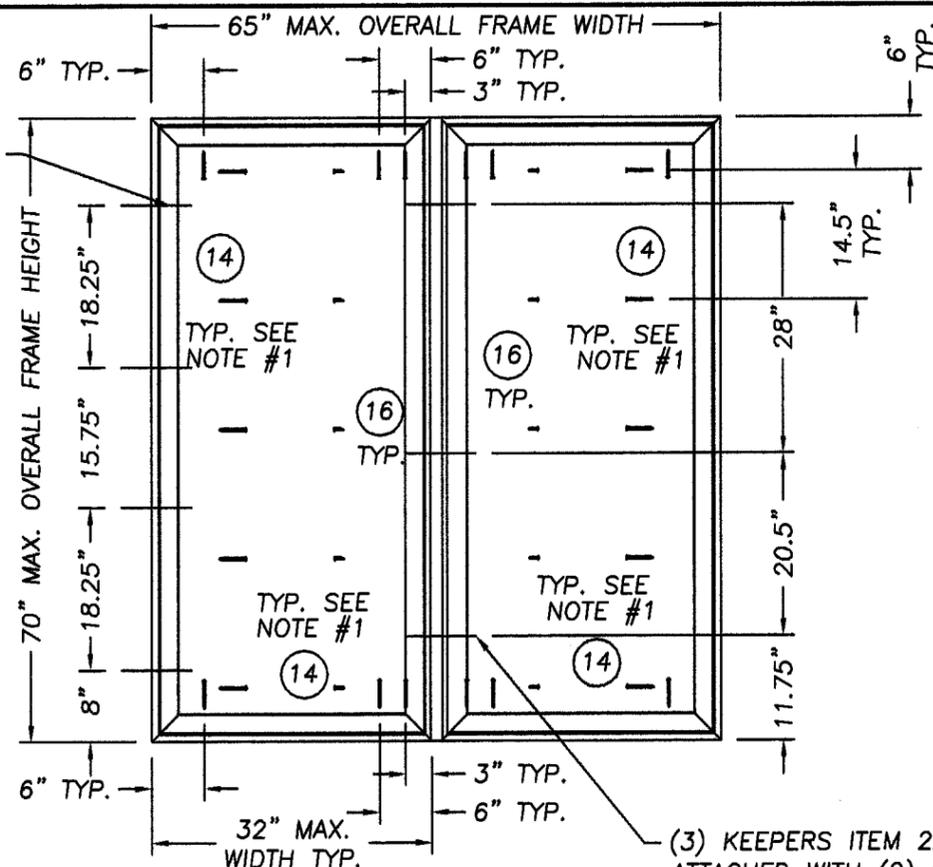
PRODUCT RENEWED as complying with the Florida Building Code  
Acceptance No. 04-0507.04  
Expiration Date: JUNE 10, 2009  
By: *Maurice Spera*  
Miami Dade Product Control Division



(4) SNUBBERS ITEM 23 ATTACHED WITH (2) EA #8 x 2" PH.FH. SCREWS ITEM 24

ANCHORING LAYOUT  
32" x 70" SINGLE UNIT

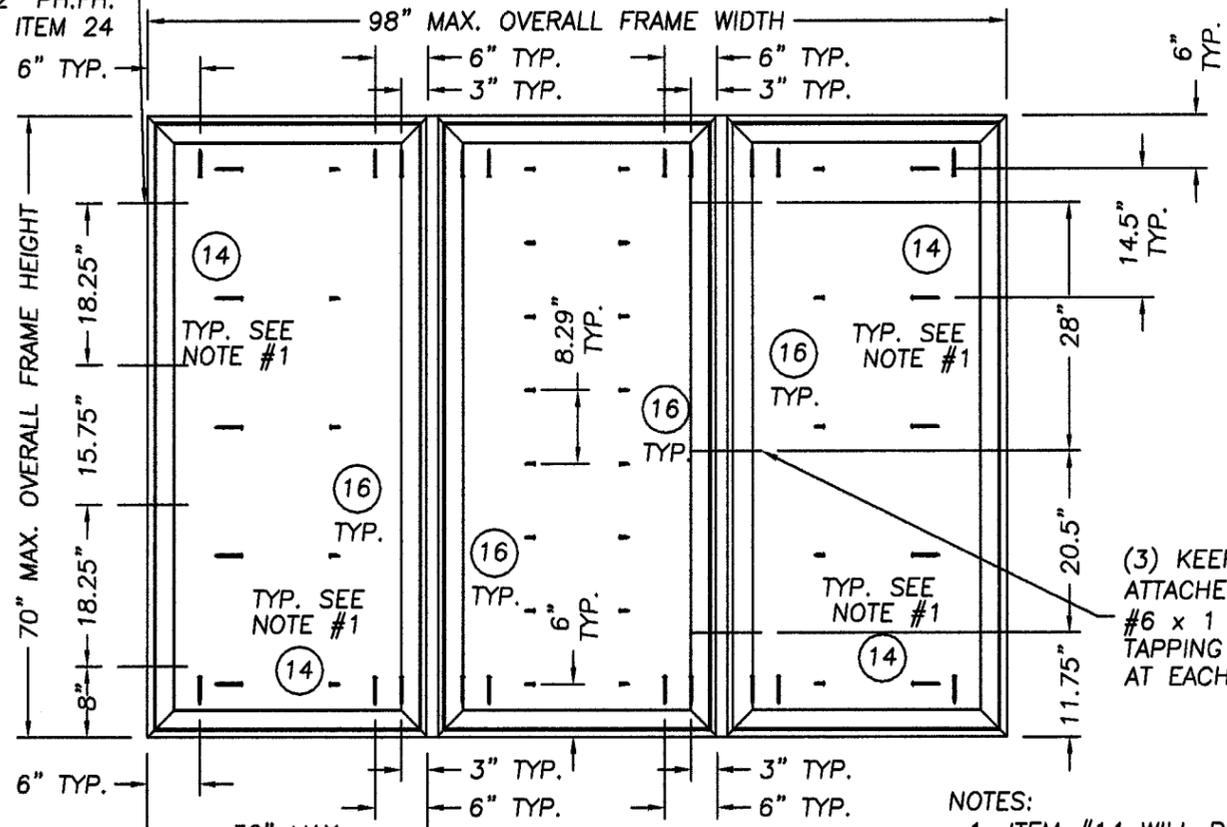
(4) SNUBBERS ITEM 23 ATTACH WITH (2) EA #8 x 2" PH.FH. SCREWS ITEM 24



ANCHORING LAYOUT  
32" x 70" DOUBLE UNIT

(3) KEEPERS ITEM 22 ATTACHED WITH (2) EA. #6 x 1 1/4" SELF TAPPING SCREWS ITEM 25

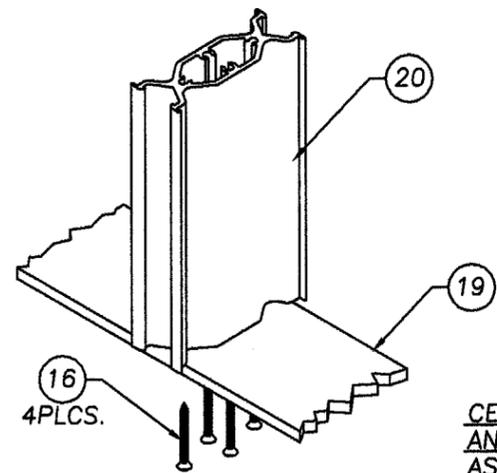
(4) SNUBBERS ITEM 23 ATTACHED WITH (2) EA #8 x 2" PH.FH. SCREWS ITEM 24



ANCHORING LAYOUT  
32" x 70" TRIPLE UNIT

(3) KEEPERS ITEM 22 ATTACHED WITH (2) EA. #6 x 1 1/4" SELF TAPPING SCREWS ITEM 25 AT EACH LOCK JAMB.

- NOTES:
- ITEM #14 WILL BE REPLACED WITH ITEM #15 WHEN ANCHORING IN MASONRY.
  - THE ANCHOR SPACING AT THE HEADER AND THE SILL ARE THE SAME.



CENTER MULL TO MULL ANCHORING CAP ASSEMBLED VIEW. TYP. @TOP & BOTTOM

PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. 04-0507.04 Expiration Date JUNE 10, 2009  
By *Maurice Perry*  
Miami Dade Product Control Division

Product Approval Documents Prepared By: <b>RW</b> 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 Wendel W. Hamby, P.E. NO.54158 3/16/04		
PRODUCT:	SCHUCO WELDED FRAME CASEMENT WINDOW UP TO 98" X 70" TRIPLE UNIT	
PART OR ASSEMBLY:	ANCHORING LAYOUTS	
NO	DATE	REVISIONS
3.	03/11/04	GENERAL UPDATE
2.	02/12/04	GENERAL UPDATE
1.	10/13/00	GENERAL REVISION
DATE:	4/26/00	
SCALE:	N.T.S.	
DWG. BY:	TJH	
CHK. BY:	RW	
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SHEET	5	OF 5