



**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) 375-2908**  
**www.buildingcodeonline.com**

**NOTICE OF ACCEPTANCE (NOA)**

**Simonton Windows**  
**One Cochrane Drive**  
**Pennsboro, WV 25415**

**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: Simonton Series "5500" Single Outswing Vinyl Awning Window**

**APPROVAL DOCUMENT:** Drawing No. S-2370, titled "Series 5500 Extruded Vinyl PVC Awning Window-Non-Impact", sheets 1 through 5 of 5, dated 07/23/03 and last revised on 05-05-2005, prepared by RW Building Consultant Inc.,, signed and sealed by Wendell 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: None: Approved Hurricane Protection Device, complying w/ FBC per applicable zone is required**

**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 page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



**NOA No 03-0827.09**  
**Expiration Date: May 29, 2010**  
**Approval Date: May 29, 2005**  
**Page 1**

5/29/05

**Simonton Windows**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. S-2370, titled "Series 5500 Extruded Vinyl PVC Awning Window-Non-Impact", sheets 1 through 5 of 5, dated 07/23/03 and last revised on 05-05-2005, prepared by R. W. Building Consultant Inc., signed and sealed by Wendell 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 20294  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94  
Along with marked-up drawings and installation diagram of vinyl awning window & casement windows, prepared by Certified Testing Laboratories, Test Report No. CTLA 1131W, dated 07-15-2003, signed and sealed by Ramesh Patel, P.E.

**C. CALCULATIONS**

1. Anchor verification calculation, prepared by R W Building Consultant, dated 07/28/03, May 08, 2004 and last revised on April 01, 2005, signed and sealed by Wendell Haney, P.E.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

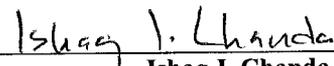
1. Notice of Acceptance No. 02-0927.02 issued to Veka Inc. for the "White Rigid PVC Extrusion", expiring on 03/04/07.

**F. STATEMENTS**

1. Statement letter of conformance and "No financial interest", dated 05/05/05, signed and sealed by Wendell Haney, P.E.
2. Statement letter of laboratory compliance, as part of above test reports.
3. Statement letter dated Jan 14, 2004 and Dec 13, 2003 from American Architectural Manufacturers Association (AAMA), verifying participation in AAMA's "PVC" profile certification program for the Veka Inc.

**G. OTHER**

1. AAMA association File# 98-0036
2. Marked-up drawings by Certified Testing Lab of Veka Inc's extrusion drawings CA0901, SE0852 & BV68.



Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No 03-0827.09

Expiration Date: May 29, 2010

Approval Date: May 29, 2005

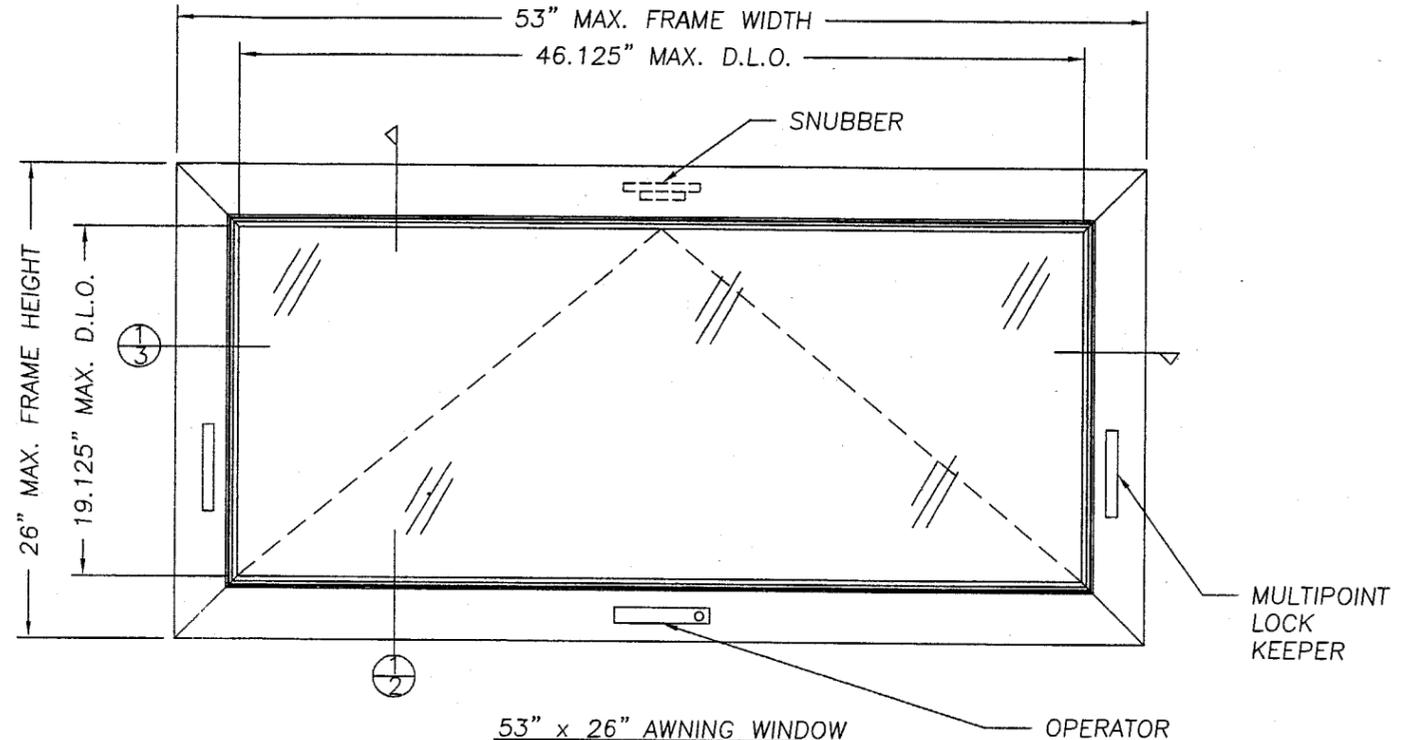
# SIMONTON WINDOWS

1 Cochrane Avenue Pennsboro, WV 26415 Ph. 800.426.2249

SERIES 5500 NON-IMPACT  
EXTRUDED VINYL PVC AWNING WINDOW

### GENERAL NOTES:

1. THIS PRODUCT HAS BEEN EVALUATED AND IS IN COMPLIANCE WITH THE FLORIDA BUILDING CODE INCLUDING THE "HIGH VELOCITY HURRICANE ZONE, NON-IMPACT RATING.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO STRUCTURE AND BE REVIEWED BY BLDG. 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 TABLE, THIS SHEET.
5. INSTALLATION OF THIS SYSTEM IN HVHZ AREA REQUIRES THE USE OF APPROVED SHUTTER/EXTERNAL PROTECTION DEVICE, COMPLYING WITH HVHZ REQUIREMENTS; INSTALLATION OF THIS SYSTEM OUTSIDE OF HVHZ, SHALL MEET THE APPLICABLE CODE REQUIREMENTS FOR WINDBORNE DEBRIS PROTECTION.
6. THIS PRODUCT MEETS WATER REQUIREMENTS FOR HIGH VELOCITY HURRICANE ZONES.



53" x 26" AWNING WINDOW  
SERIES 5500  
(VIEWED FROM INTERIOR)

DESIGN PRESSURE RATING	
+55.0 PSF	-65.0 PSF

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	GENERAL NOTES & TYPICAL ELEVATIONS
2	VERTICAL CROSS SECTION
3	HORIZONTAL CROSS SECTION
4	ANCHORING LOCATIONS
5	UNIT COMPONENTS, BILL OF MATERIALS & GLAZING DETAIL

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. Hargis* 5/5/05  
Wendell W. Hargis, P.E. NO 54158

PRODUCT:  
SIMONTON WINDOWS  
EXTRUDED VINYL PVC  
AWNING WINDOW (NON-IMPACT)  
PART OR ASSEMBLY:  
GENERAL NOTES &  
TYPICAL ELEVATIONS

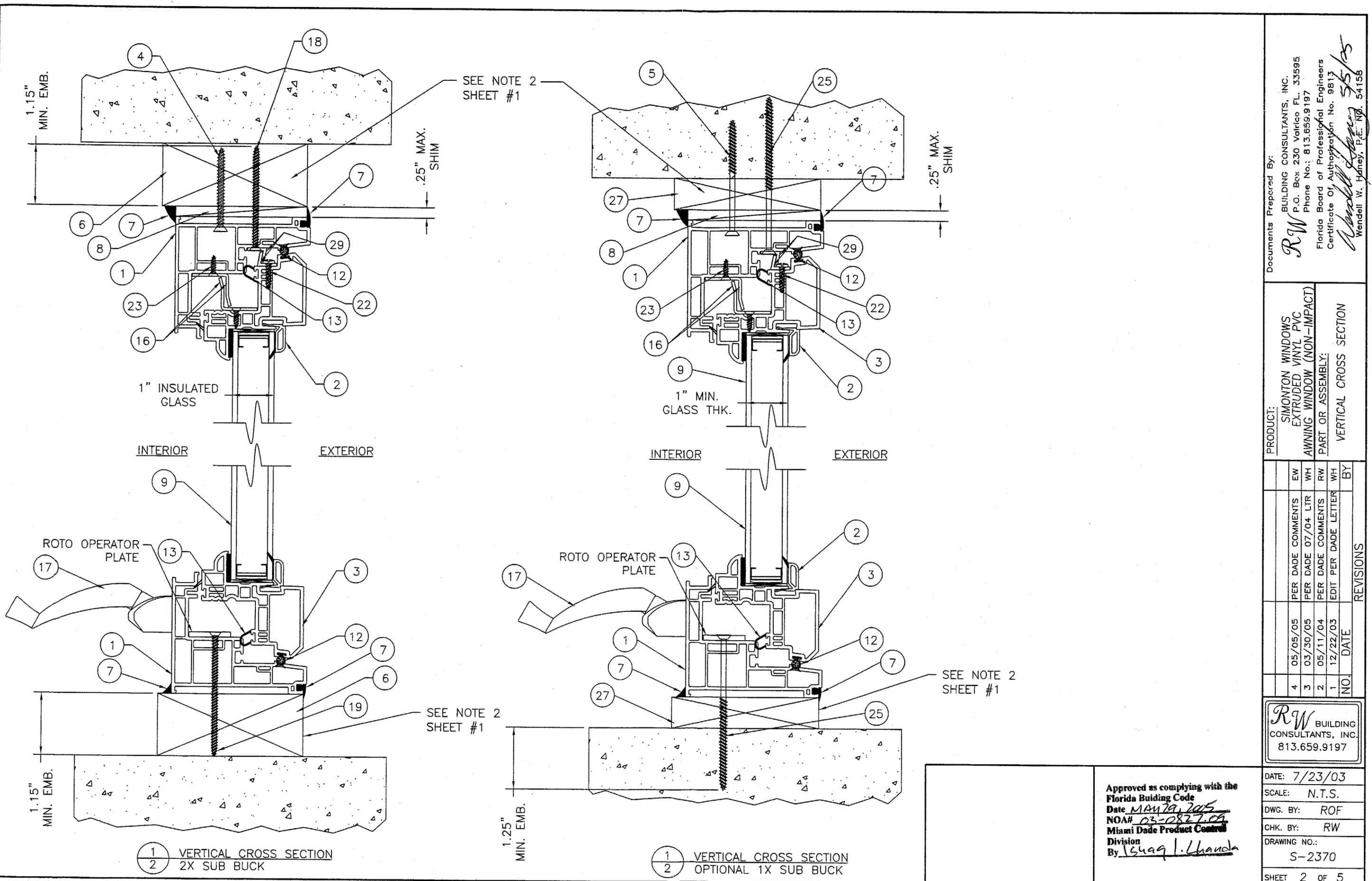
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3	03/30/05	PER DATE 07/04 LTR	WH
2	05/11/04	PER DATE COMMENTS	RW
1	12/22/03	EDIT PER DATE LETTER	WH

**RW** BUILDING CONSULTANTS, INC.  
813.659.9197

DATE: 7/23/03  
SCALE: N.T.S.  
DWG. BY: ROF  
CHK. BY: RW  
DRAWING NO.: S-2370  
SHEET 1 OF 5

Approved as complying with the  
Florida Building Code  
Date MAY 29, 2005  
NOA# 03-0827-09  
Miami Dade Product Control  
Division  
By Shay I. Chanda

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1 VERTICAL CROSS SECTION  
2 2X SUB BUCK

1 VERTICAL CROSS SECTION  
2 OPTIONAL 1X SUB BUCK

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* 5/5/05  
 Wendell W. Haney, P.E. No. 54158

PRODUCT:  
 SIMONTON WINDOWS  
 EXTRUDED VINYL PVC  
 AWNING WINDOW (NON-IMPACT)  
 PART OR ASSEMBLY:  
 VERTICAL CROSS SECTION

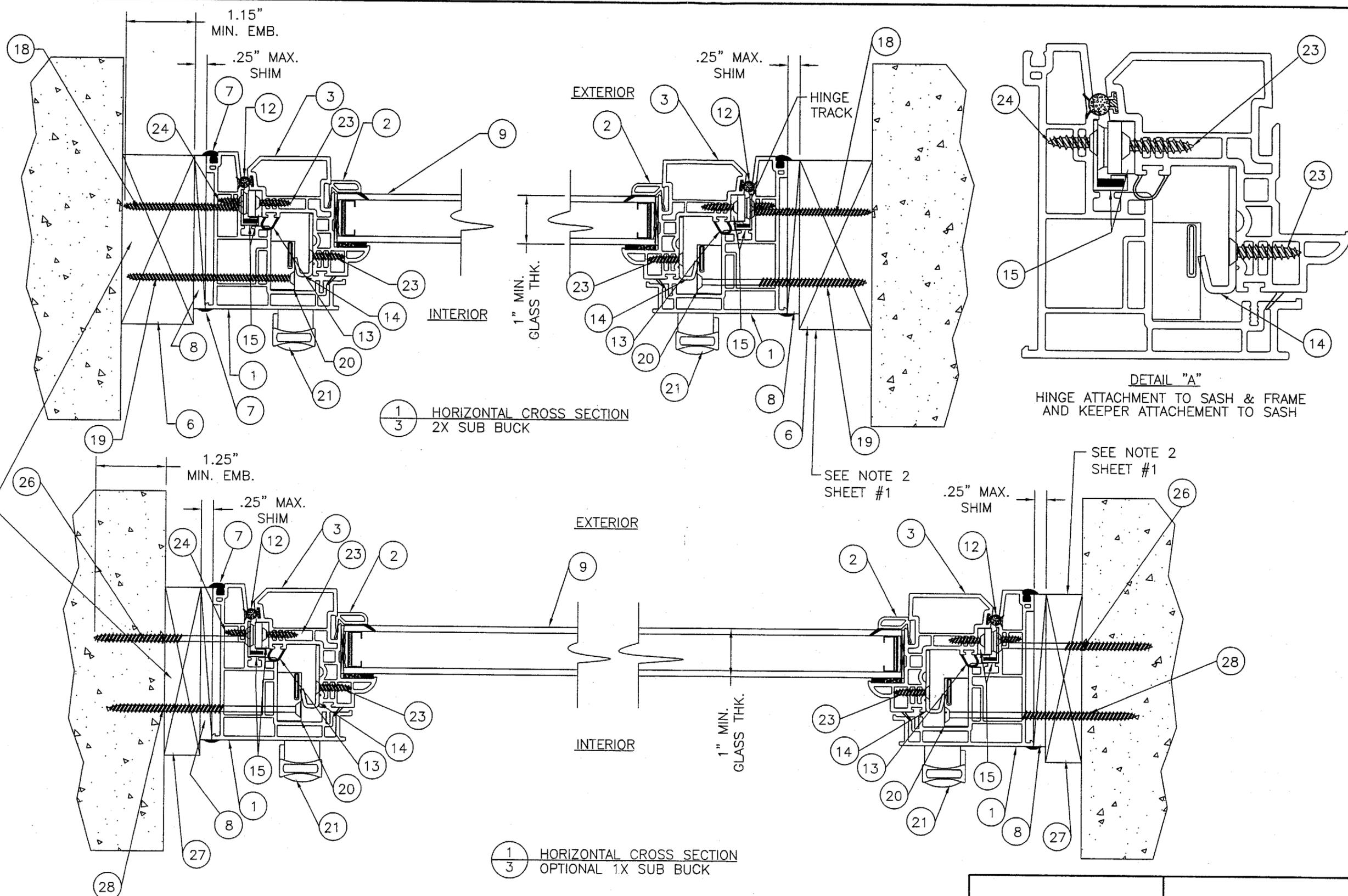
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2	05/11/04	PER DADE COMMENTS	RW
1	12/22/03	EDIT PER DADE LETTER	WH

**RW** BUILDING CONSULTANTS, INC.  
 813.659.9197

DATE: 7/23/03  
 SCALE: N.T.S.  
 DWG. BY: ROF  
 CHK. BY: RW  
 DRAWING NO.: S-2370  
 SHEET 2 OF 5

Approved as complying with the  
 Florida Building Code  
 Date MAY 19, 2005  
 NOA# 03-0827-09  
 Miami Dade Product Control  
 Division  
 By Isaac I. Llanos

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1 HORIZONTAL CROSS SECTION  
3 2X SUB BUCK

1 HORIZONTAL CROSS SECTION  
3 OPTIONAL 1X SUB BUCK

DETAIL "A"  
HINGE ATTACHMENT TO SASH & FRAME  
AND KEEPER ATTACHEMENT TO SASH

Documents Prepared By:  
**RW** BUILDING CONSULTANTS, INC.  
P.O. Box 230 Vairice FL 33595  
Phone No.: 813.659.9197  
Florida Board of Professional Engineers  
Certificate of Authorization No. 9813  
*Wendell W. Hoppey*  
Wendell W. Hoppey, P.E. NO. 54158

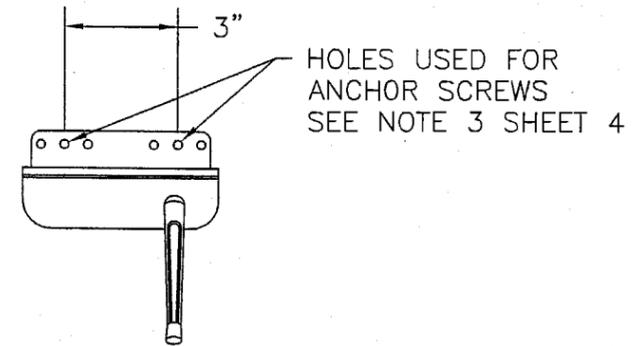
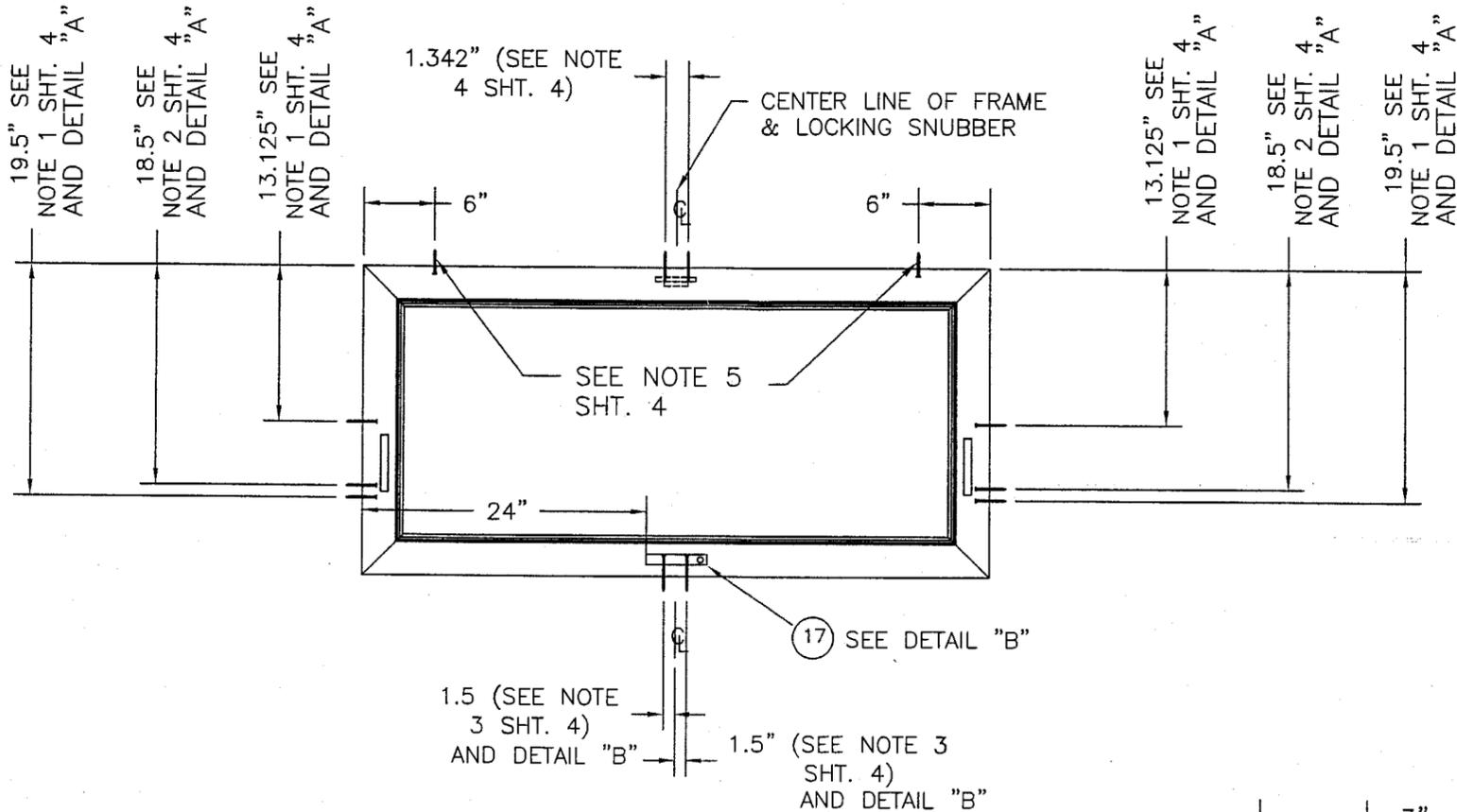
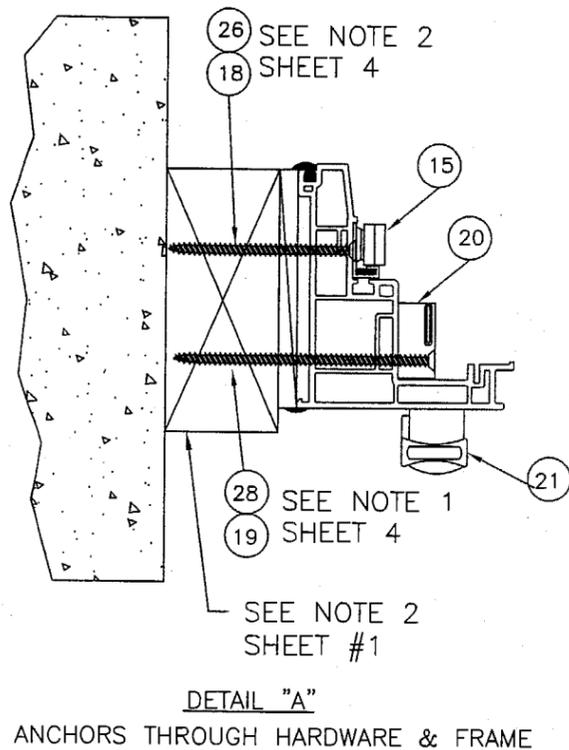
PRODUCT:  
SIMONTON WINDOWS  
EXTRUDED VINYL PVC  
AWNING WINDOW (NON-IMPACT)  
PART OR ASSEMBLY:  
HORIZONTAL CROSS SECTION

NO.	DATE	REVISIONS	BY
4	05/05/05	PER DADE COMMENTS	EW
3	03/30/05	PER DADE 07/04 LTR	WH
2	05/11/04	PER DADE COMMENTS	RW
1	12/22/03	EDIT PER DADE LETTER	WH

**RW** BUILDING CONSULTANTS, INC.  
813.659.9197

Approved as complying with the  
Florida Building Code  
Date MAY 29, 2005  
NOA# 03-0827-09  
Miami Dade Product Control  
Division  
By Ishaq I. Chaudh

DATE: 7/23/03  
SCALE: N.T.S.  
DWG. BY: ROF  
CHK. BY: RW  
DRAWING NO.: S-2370  
SHEET 3 OF 5



- NOTES:
1. THE SCREWS AT 13.125" & 19.5" FROM THE FRAME TOP GOING DOWN ON THE SIDE STILES ARE ITEM #19 FOR 2X BUCK AND ITEM #28 FOR 1X BUCK. THEY ARE GOING THROUGH THE TIE BAR GUIDE.
  2. THE SCREW AT 18.5" FROM THE TOP OF THE SIDE STILES GOING DOWN IS ITEM #18, FOR 2X BUCK AND ITEM #26 FOR 1X BUCK. IT IS GOING THROUGH THE HINGE TRACK
  3. THE SCREWS AT 1.5" FROM THE FRAME CENTER LINE ON THE SILL ARE ITEM #19 FOR 2X BUCK AND ITEM #25 FOR 1X BUCK. THEY ARE GOING THROUGH THE ROTO OPERATOR PLATE.
  4. THE SCREWS AT 1" FROM THE FRAME CENTER LINE ON THE HEAD ARE ITEM #18, FOR 2X BUCK AND ITEM #25 FOR 1X BUCK. THEY ARE GOING THROUGH THE LOCKING SNUBBER.
  5. THE SCREWS AT 6" FROM THE FRAME CORNERS ON THE HEAD ARE ITEM #4 FOR 2X BUCK AND ITEM #5 FOR 1X BUCK. THEY ARE GOING THROUGH THE FRAME HEAD.

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. Honey* 5/5/05  
 Wendell W. Honey, P.E. No. 54158

PRODUCT:  
 SIMONTON WINDOWS  
 EXTRUDED VINYL PVC  
 AWNING WINDOW (NON-IMPACT)  
 PART OR ASSEMBLY:  
 ANCHORING LOCATIONS

NO.	DATE	REVISIONS
4	05/05/05	PER DADE COMMENTS
3	03/30/05	PER DADE 07/04 LTR
2	05/11/04	EDIT PER DADE COMMENTS
1	12/22/03	EDIT PER DADE LETTER
		BY

**RW** BUILDING CONSULTANTS, INC.  
 813.659.9197

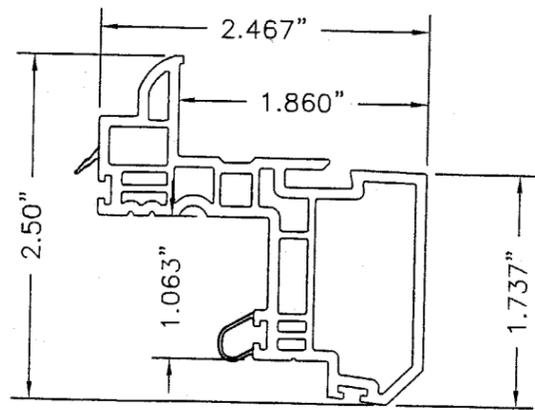
DATE: 7/23/03  
 SCALE: N.T.S.  
 DWG. BY: ROF  
 CHK. BY: RW  
 DRAWING NO.: S-2370  
 SHEET 4 OF 5

Approved as complying with the Florida Building Code  
 Date May 29, 2005  
 NOA# 03-0827-01  
 Miami Dade Product Control  
 Division  
 By Ishag I. Chanda

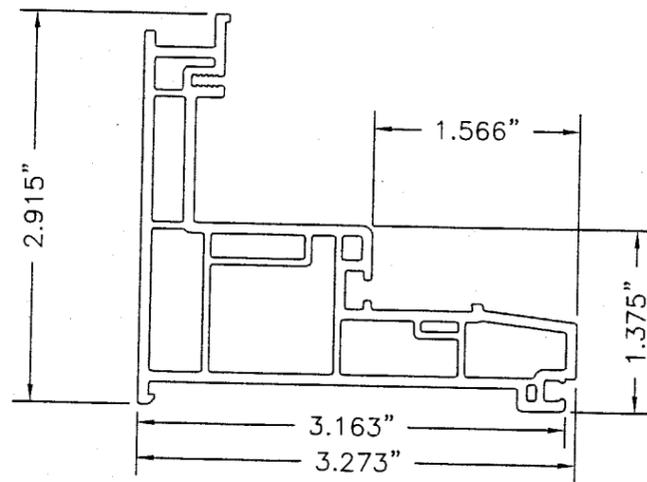
BILL OF MATERIALS

ITEM	DESCRIPTION	MATERIAL
1	EXTRUDED VINYL AWNING WINDOW FRAME (VEKA) WHITE. RIGID VINYL *	VINYL
2	EXTRUDED VINYL GLAZING BEAD (VEKA) WHITE. RIGID VINYL *	VINYL
3	EXTRUDED VINYL AWNING SASH (VEKA) WHITE. RIGID VINYL *	VINYL
4	#10 x 2" PHILLIPS FLAT HEAD SHEET METAL SCREW	STEEL
5	3/16 X 2 3/4" TAPCON ANCHOR	STEEL
6	2X SUB BUCK (BY OTHERS)	WOOD
7	SILICONE	-
8	1/4" MAX. CONTINUOUS RIGID METALLIC SHIM	METAL
9	1" INSULATED GLASS (.125" TEMP. - .75" AIR - .125" TEMP.)	-
10	0.529" WIDE X 0.063" THICK GLAZING TAPE (FULL LENGTH)	-
11	GLAZING SETTING BLOCK (.128" x 1")	-
12	SASH BULB WEATHERSTRIPPING EXTERIOR (ULTRAFAB)	FOAM
13	SASH COMPRESSION WEATHERSTRIPPING INTERIOR (AMESBURY)	VINYL
14	KEEPER (TRUTH HARDWARE #40684 & 40685)	STEEL
15	AWNING HINGE #13.15, TRACK & ARM (TRUTH HARDWARE)	STEEL
16	ALIGNMENT SNUBBER (TRUTH HARDWARE)	STEEL
17	MAXIM SYSTEM AWNING OPERATOR (TRUTH HARDWARE)	STEEL
18	#8 x 2 1/2" PHILLIPS FLAT HEAD SHEET METAL SCREW	STEEL
19	#8 x 3 1/2" PHILLIPS FLAT HEAD SHEET METAL SCREW	STEEL
20	TIE BAR & TIE BAR GUIDE #32408 (TRUTH HRDWE)	PLASTIC/STEEL
21	TRUTH #24.33 LOCK ASSEMBLY (TRUTH HRDWE)	STEEL
22	#8 x 1/2" PHILLIPS PAN HEAD SHEET METAL SCREW	STEEL
23	#8 x 3/4" PHILLIPS FLAT HEAD SHEET METAL SCREW	STEEL
24	#7 x 1/2" PHILLIPS FLAT HEAD SHEET METAL SCREW	STEEL
25	3/16 X 3 3/4" TAPCON ANCHOR	STEEL
26	3/16 X 3 1/4" TAPCON ANCHOR	STEEL
27	1X SUB BUCK (BY OTHERS)	WOOD
28	3/16 X 4" TAPCON ANCHOR	STEEL
29	CONCEALED SNUBBER, ASHLAND #WCS-1604-S1 (AT HEAD)	STEEL

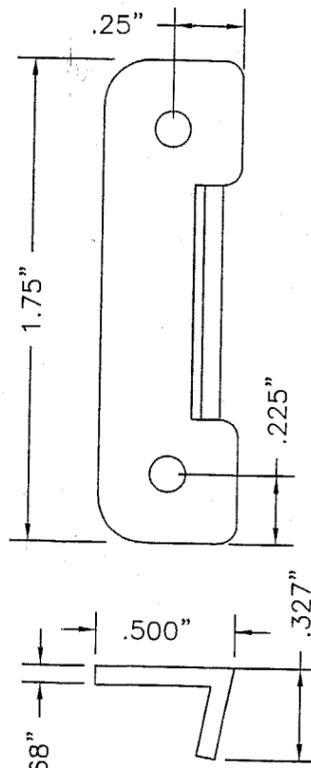
\* EXTRUSION TO BE LABELED WITH AMMA PVC EXTRUSION CERTIFICATION LABEL & "MDCA" & EXTRUSION CODE.



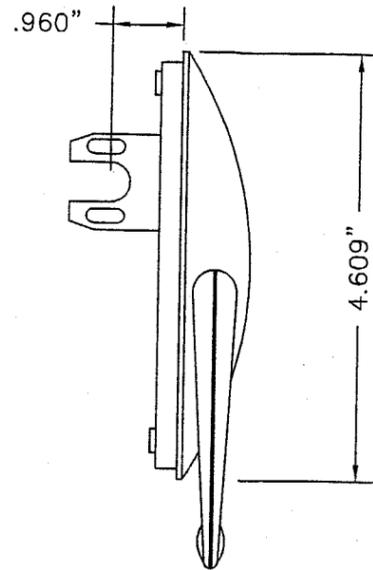
3 EXTRUDED VINYL AWNING SASH  
0.087" EXTERIOR WALL  
0.051" INTERIOR WALL  
P/N SE0852



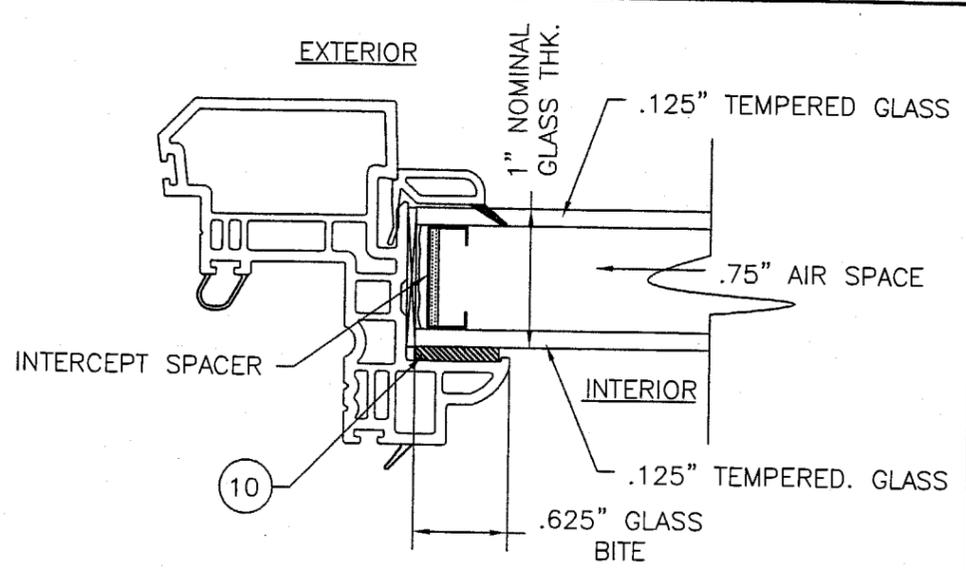
1 EXTRUDED VINYL AWNING FRAME  
0.078" EXTERIOR WALL  
0.057" INTERIOR WALL  
P/N CA0901



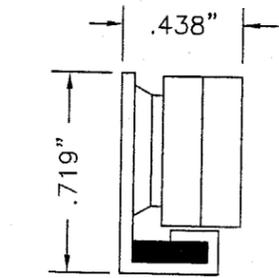
29 LOCKING SNUBBER  
0.068" EXTERIOR WALL



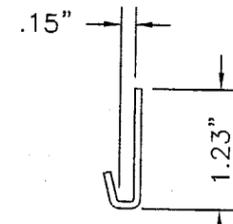
21 MULTI-POINT LOCK HANDLE



1.0" INSULATED ANNEALED GLASS  
GLAZING DETAIL

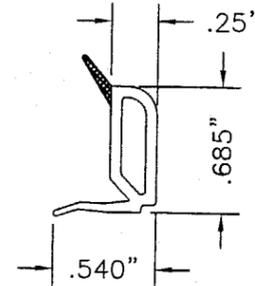


15 AWNING HINGE  
END VIEW,  
CLOSED POSITION  
STEEL

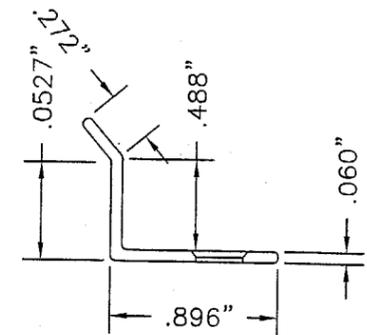


14 LOCK KEEPER  
0.074" THK. ST'L

INTERCEPT SPACER  
STAINLESS STEEL  
WITH DESSICANT



2 EXTRUDED VINYL GLAZING BEAD  
0.059" EXTERIOR WALL  
P/N BV68



16 ALIGNMENT SNUBBER  
0.060" EXTERIOR WALL

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. Honey, P.E. NO. 54158  
5/5/05

PRODUCT:

SIMOMTON WINDOWS  
EXTRUDED VINYL PVC  
AWNING WINDOW (NON-IMPACT)

PART OR ASSEMBLY:

COMPONENTS, B.O.M.  
GLAZING DETAIL

NO.	DATE	REVISIONS	BY
4	05/05/05	PER DATE COMMENTS	EW
3	03/30/05	PER DATE 07/04 LTR	WH
2	05/11/04	PER DATE COMMENTS	RW
1	12/22/03	EDIT PER DATE LETTER	WH

RW BUILDING CONSULTANTS, INC.  
813.659.9197

DATE: 7/23/03

SCALE: N.T.S.

DWG. BY: ROF

CHK. BY: RW

DRAWING NO.: S-2370

SHEET 5 OF 5

Approved as complying with the  
Florida Building Code  
Date MAY 29, 2005  
NOA# 03-0827-09  
Miami Dade Product Control  
Div:  
By: Shay I. Chavira