



MIAMI-DADE
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: Series "5500" PVC Sliding Glass Door (OX)-Reinforced

APPROVAL DOCUMENT: Drawing No. S-2383, titled " Sliding Patio Door", sheets 1 through 5 of 5, prepared by R.W. Building Consultant Inc., dated 08-07-03 and last revised on 12-09-03, 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: None (Approved Shutter/External Protection device 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 03-0813.04
Expiration Date: March 04, 2009
Approval Date: March 04, 2004
Page 1

2/10/14

Simonton Windows

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **S-2383**, titled " Sliding Patio Door", sheets 1 through 5 of 5, prepared by R.W. Building Consultant Inc., dated 08-07-03 and last revised on 12-09-03, 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, TAS 202-94

Along with marked-up drawings and installation diagram of PVC Single Outswing Door w/ Sidelite (OX), prepared and issued by Certified Testing Laboratories, test report No. **CTLA-1136W** dated August 02, 2003, signed and sealed by Ramesh Patel, P.E.

Note: This test report has been revised by an addendum letter dtd Sept. 18, 2003, issued by Certified Testing Laboratories, signed & sealed by Ramesh Patel, P.E.

C. CALCULATIONS

1. Revised Anchor Calculations and structural analysis, prepared by R W Building Consultants, Inc., dated 01/16/04, signed & sealed by Wendell W. Haney, P.E.
2. Anchor Calculations and structural analysis, prepared by prepared by R W Building Consultants, Inc., dated 09/22/2003 and revised on 10-28-03, signed and sealed by Lyndon F. Schmidt, P.E.

D. QUALITY ASSURANCE BY

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **02-0927.02**, issued to Veka, Inc., for "White Rigid PVC Exterior Extrusions for Windows and Doors", expiring on March 04, 2007.
2. Notice of Acceptance No. **03-0507.07**, issued to SimEx, Inc., for "White Rigid PVC Exterior Extrusions for Windows and Doors", expiring on October 12, 2008.

F. STATEMENTS

1. Statement letter of conformance and "No financial interest ", dated 02-10-2004, signed and sealed by Wendell W. Haney, P.E.
2. Laboratory compliance letter, as part of the above referenced test reports, issued by Certified Testing laboratories.
3. Statement dated Sep 18, 2003 by Allan Crum of Simonton Window for IG glass.
4. 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 & SimEx Inc, respectively, signed by Dean Lewis.

- G. OTHER :** 1. AAMA association File# 98-0036.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 03-0813.04
Expiration Date: March 04, 2009
Approval Date: March 04, 2004

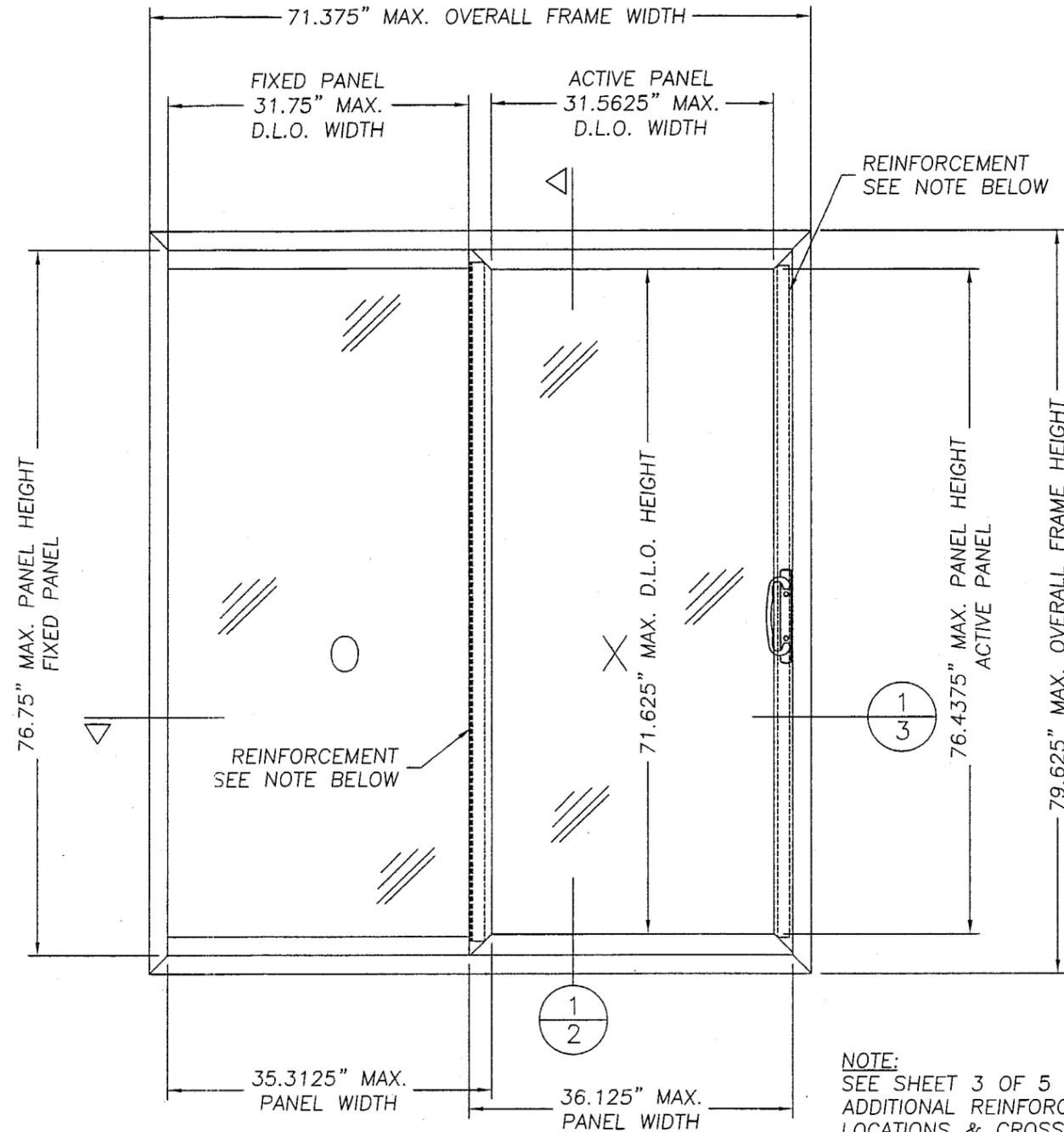


1 Cochrane Avenue Pennsboro, WV 26415 Ph. 800.426.2249

SERIES 5500 NON-IMPACT EXTRUDED VINYL PVC SLIDING PATIO DOOR

GENERAL NOTES:

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH HVHZ OF THE FLORIDA BUILDING CODE.
2. WOOD BUCKS MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO STRUCTURE, AND 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 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.



NOTE:
SEE SHEET 3 OF 5 FOR
ADDITIONAL REINFORCEMENT
LOCATIONS & CROSS SECTIONS.

6'0 x 6'8 SLIDING PATIO DOOR
SERIES 5500
VIEWED FROM INTERIOR

DESIGN PRESSURE RATING
+47.0 PSF -55.0 PSF

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	TESTED ELEVATION
2	VERTICAL CROSS SECTION ACTIVE & FIXED PANEL
3	HORIZONTAL CROSS SECTION
4	BILL OF MATERIALS & UNIT COMPONENTS
5	ANCHORING LOCATIONS, DETAILS & GLAZING DETAIL

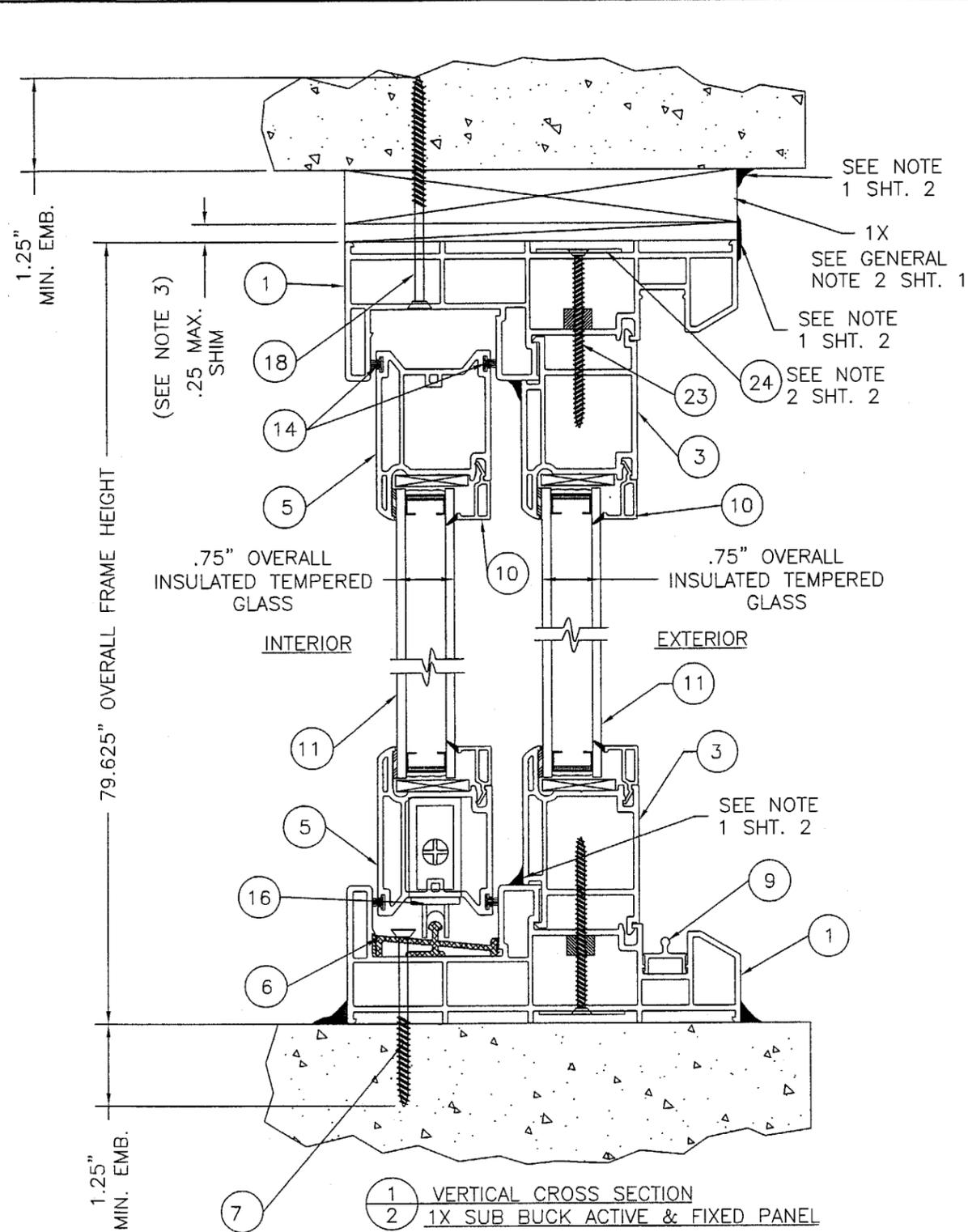
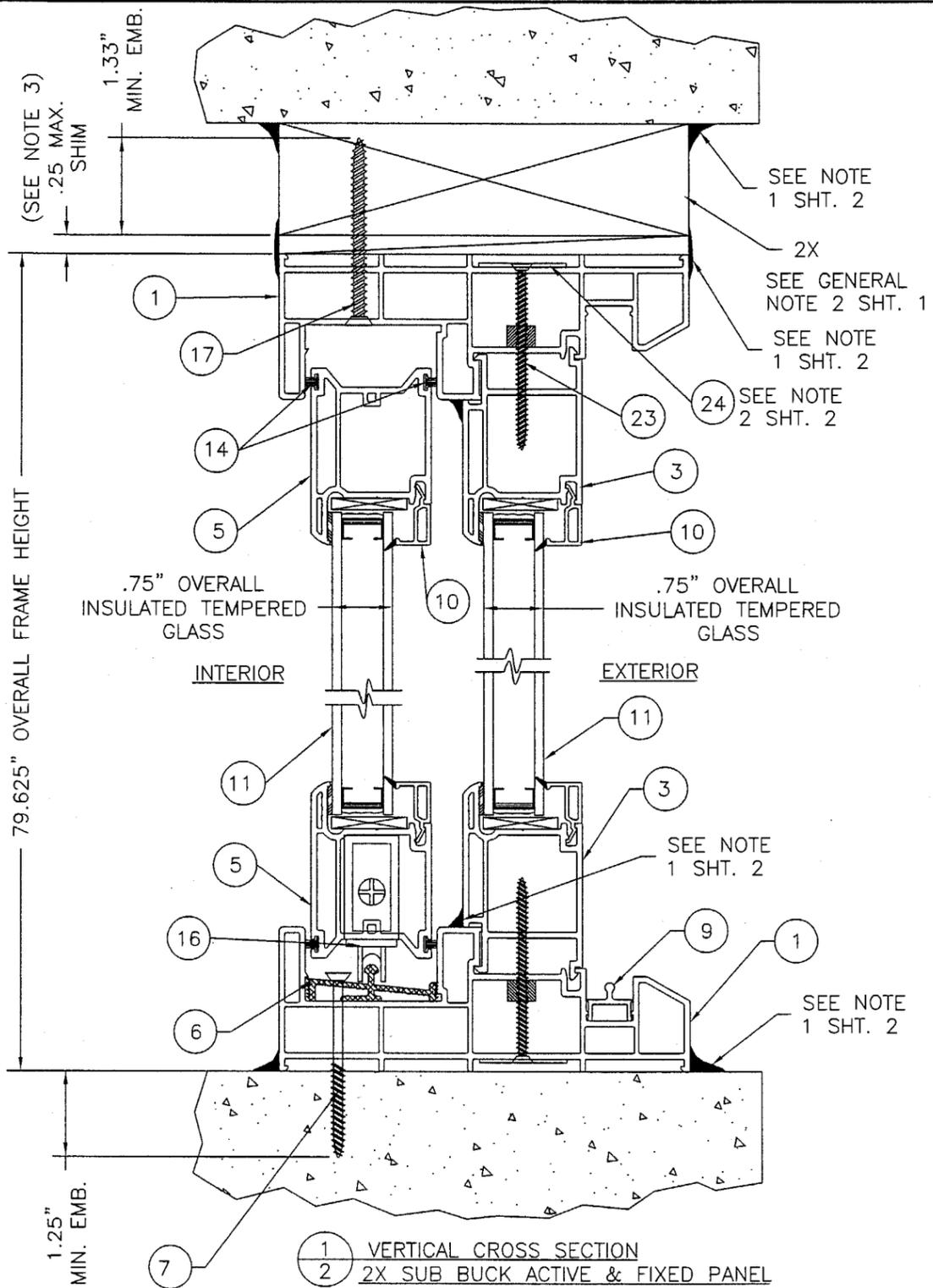
Product Approval Documents Prepared By:
RW
BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL, 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate of Authorization No. 9813
12/09/03
Wendell W. Hgney, P.E. No. 54158

PRODUCT: SIMONTON WINDOWS
NON-IMPACT 5500 SERIES
SLIDING PATIO DOOR
PART OR ASSEMBLY:
GENERAL NOTES &
TYPICAL ELEVATIONS

NO.	DATE	BY	REVISIONS
3	12/08/03	RW	PER DADE COMMENTS
2	10/22/03	TJH	PER DADE COMMENTS
1	9/16/03	TJH	PER DADE COMMENTS

Approved as complying with the
Florida Building Code
Date: MARCH 04, 2004
NOA# 03-0813-04
Miami Dade Product Control
Division
By: Iskag I. Chauda

DATE: 8/7/03
SCALE: N.T.S.
DWG. BY: ROF
CHK. BY: TJH
DRAWING NO.: S-2383
SHEET 1 OF 5



- NOTES:
1. SILICONE CAULK AT THE FRAME TO BUCK INTERFACE, USING ITEM #25, ON BOTH THE INBOARD AND OUTBOARD SIDE. THE EXTERIOR FIXED INTERLOCK WAS SEALED WITH SILICONE, ITEM #25, AT HEAD AND SILL IN ACTIVE PANEL RETAINING POCKET.
 2. THE FIXED PANEL INTERLOCK STILE IS SECURED THE FRAME WITH (2) ITEM #23, A #8 x 2 1/2" SCREW, GOING THROUGH ITEM #24, THE STAINLESS STEEL PLATE. THE SCREWS GO THROUGH A SCREW BOSS ON THE FRAME AND INTO THE FIXED PANEL. THERE ARE (2) SCREWS IN THE HEADER & (2) IN THE SILL.
 3. THE SHIM IS TO BE A "RIGID / STIFF" MATERIAL THAT COMPLIES WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.

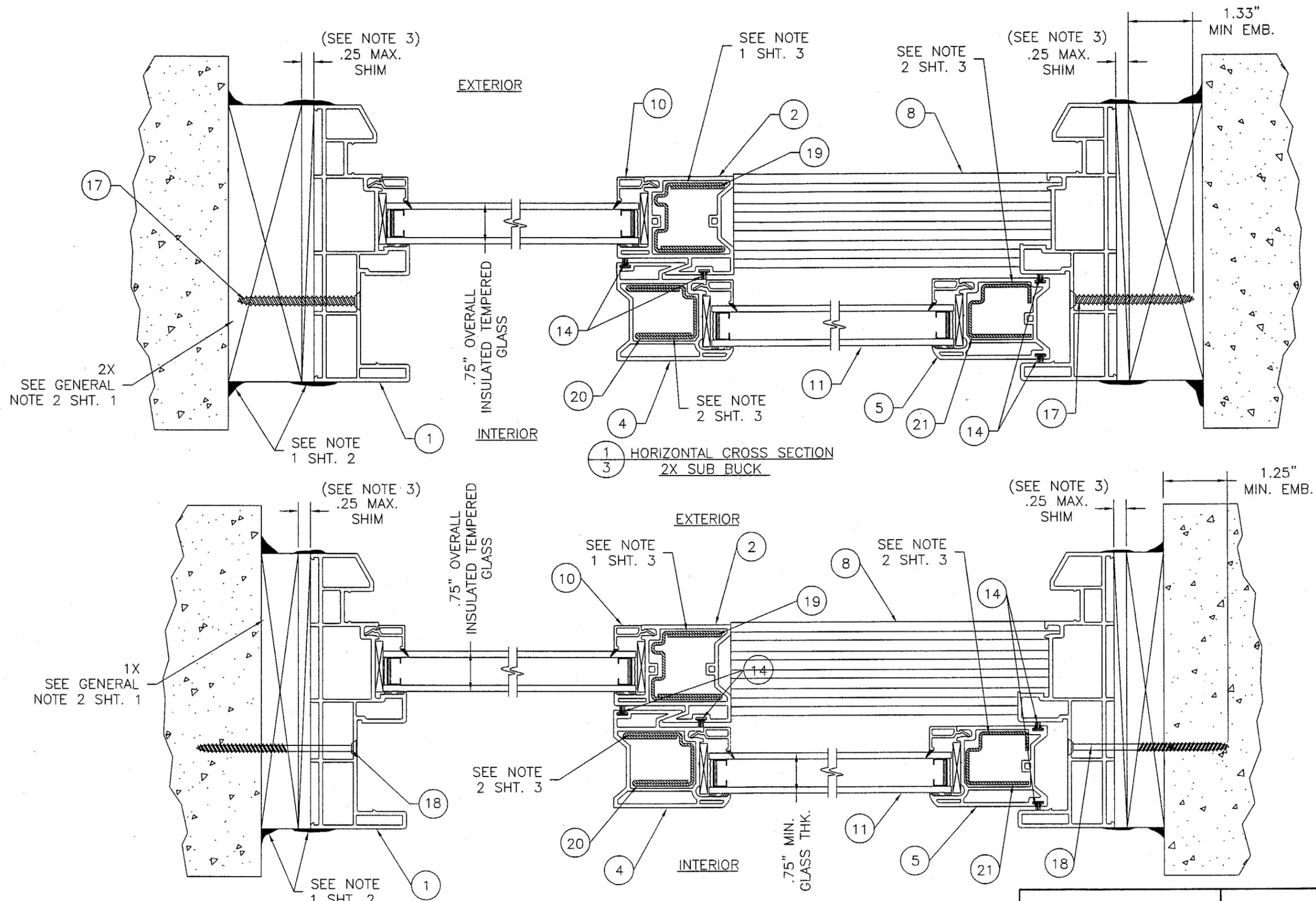
Product Approval Documents Prepared By:
RW
 BUILDING CONSULTANTS, INC.
 P.O. Box 230 Valrico FL, 33595
 Phone No.: 813.659.9191
 Florida Board of Professional Engineers
 Certificate of Authorization No. 9813
 12/09/03
 Wendell W. Harney, P.E. NO. 54158

PRODUCT:
 SIMONTON WINDOWS
 NON-IMPACT 5500 SERIES
 SLIDING PATIO DOOR
 PART OR ASSEMBLY:
 VERTICAL CROSS SECTIONS
 ACTIVE & FIXED PANEL

NO.	DATE	REVISIONS	BY
3	12/08/03	PER DADE COMMENTS	RW
2	10/22/03	PER DADE COMMENTS	TJH
1	9/16/03	PER DADE COMMENTS	TJH

DATE: 8/7/03
 SCALE: N.T.S.
 DWG. BY: ROF
 CHK. BY: TJH
 DRAWING NO.: S-2383
 SHEET 2 OF 5

Approved as complying with the
 Florida Building Code
 Date: MARCH 04, 2004
 NOA# 03-0813.04
 Miami Dade Product Control
 Division
 By: Susan J. Lhauck



- NOTES:
1. THE EXTERIOR INTERLOCK REINFORCEMENT, ITEM 19, IS 73.75" LONG AND CENTERED IN THE EXTERIOR INTERLOCK (STAYBAR), ITEM 2.
 2. THE INTERIOR INTERLOCK REINFORCEMENT, ITEM 20, AND LOCK STILE REINFORCEMENT, ITEM 21, ARE 73.4375" LONG AND CENTERED IN THE INTERIOR INTERLOCK, ITEM 4, AND LOCK STILE, ITEM 5.
 3. THE SHIM IS TO BE A "RIGID / STIFF" MATERIAL THAT COMPLIES WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.

1 HORIZONTAL CROSS SECTION
3 OPTIONAL 1X SUB BUCK

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
 12/09/03
 Wendell W. Harney, P.E. No. 54158

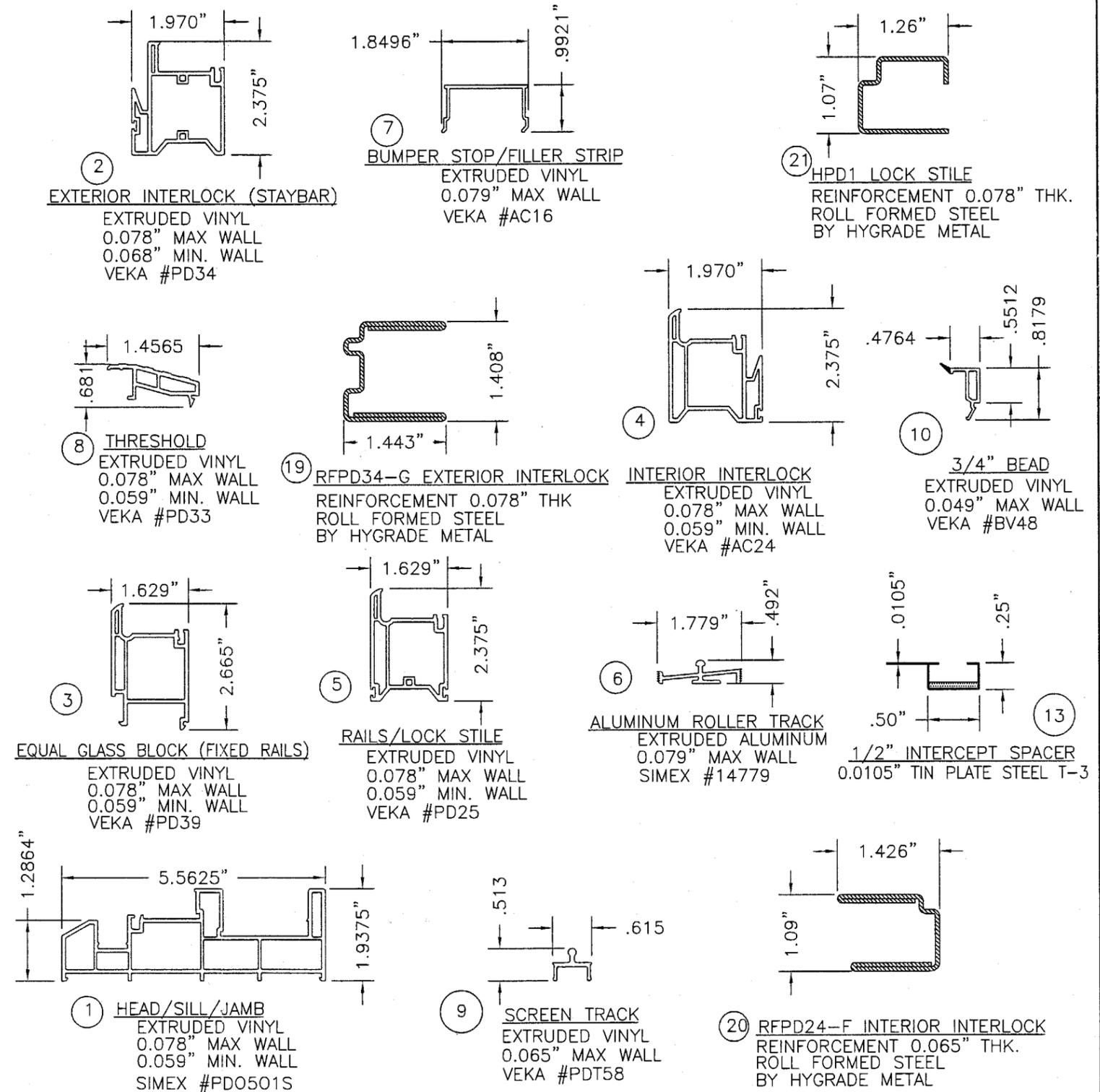
PRODUCT: SIMONTON WINDOWS
 NON-IMPACT 5500 SERIES
 SLIDING PATIO DOOR
 PART OR ASSEMBLY:
 HORIZONTAL CROSS SECTION

NO.	DATE	REVISIONS	BY
3	12/08/03	PER DADE COMMENTS	RW
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1	9/16/03	PER DADE COMMENTS	TJH

DATE: 8/7/03
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 CHK. BY: TJH
 DRAWING NO.: S-2383
 SHEET 3 OF 5

Approved as complying with the
 Florida Building Code
 Date: MARCH 04, 2004
 NOAH 03-0813.04
 Miami Dade Product Control
 Division
 By: Shay L. Lhands

BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
1	EXTRUDED VINYL HEAD / SILL & JAMB/FRAME BY SIMEX INC.	* WHITE RIGID PVC
2	EXTRUDED VINYL EXTERIOR FIXED PANEL INTERLOCK (STAYBAR) BY VEKA	* WHITE RIGID PVC
3	EXTRUDED VINYL EQUAL GLASS BLOCK, FIXED RAILS BY VEKA	* WHITE RIGID PVC
4	EXTRUDED VINYL OPERABLE PANEL INTERIOR INTERLOCK BY VEKA	* WHITE RIGID PVC
5	EXTRUDED VINYL RAILS / LOCK STILE OPERABLE PANEL BY VEKA	* WHITE RIGID PVC
6	ALUMINUM ROLLER TRACK BY SIMEX INC.	ALUM.
7	3/16" x 2 1/2" TAPCON ANCHOR BY ELCO	STEEL
8	EXTRUDED VINYL THRESHOLD BY VEKA	* WHITE RIGID PVC
9	EXTRUDED VINYL SCREEN TRACK BY VEKA	* WHITE RIGID PVC
10	EXTRUDED VINYL 3/4" GLAZING BEAD BY VEKA	* WHITE RIGID PVC
11	.75" OVERALL INSULATED TEMPERED GLASS (1/8" TEMP. GLASS - 1/2" INTERCEPT SPACER - 1/8" TEMP. GLASS)	-
12	GLAZING TAPE .529" WIDE x .063" THK.	FOAM
13	1/2" INTERCEPT SPACER 0.0105" TIN PLATE STEEL T-3	S-STEEL
14	FIN SEAL .187" x .250" (AMESBURY GROUP)	-
15	SLIDING PATIO DOOR HANDLE ASSEMBLY (SASH CONTROLS, INC.)	-
16	TANDEM ROLLER ASSEMBLY (REFLECTOLITE 1978 SERIE)	-
17	#12 x 3" PHILLIPS FLAT HEAD SHEET METAL SCREW	STEEL
18	3/16 X 3 3/4" TAPCON ANCHOR BY ELCO	STEEL
19	RFPD34-G EXTERIOR INTERLOCK REINFORCEMENT ROLL FORMED STEEL BY HYGRADE METAL	STEEL
20	RFPD24-F INTERIOR INTERLOCK REINFORCEMENT ROLL FORMED STEEL BY HYGRADE METAL	STEEL
21	HPD1 LOCK STILE REINFORCEMENT ROLL FORMED STEEL BY HYGRADE METAL	STEEL
22	SETTING BLOCK .128" THK. x 1.0" WIDE	-
23	#8 x 2 1/2" PHILLIPS OVAL HEAD SHEET METAL SCREW	STEEL
24	1.25" W. x 1.75" L. x 0.050" THK. STAINLESS STEEL PLATE	S-STEEL
25	SILICONE CAULK GE SILICONE I WINDOW & DOOR	SILICONE



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

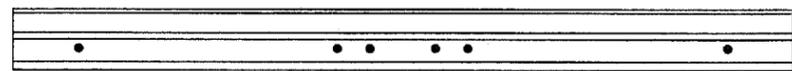
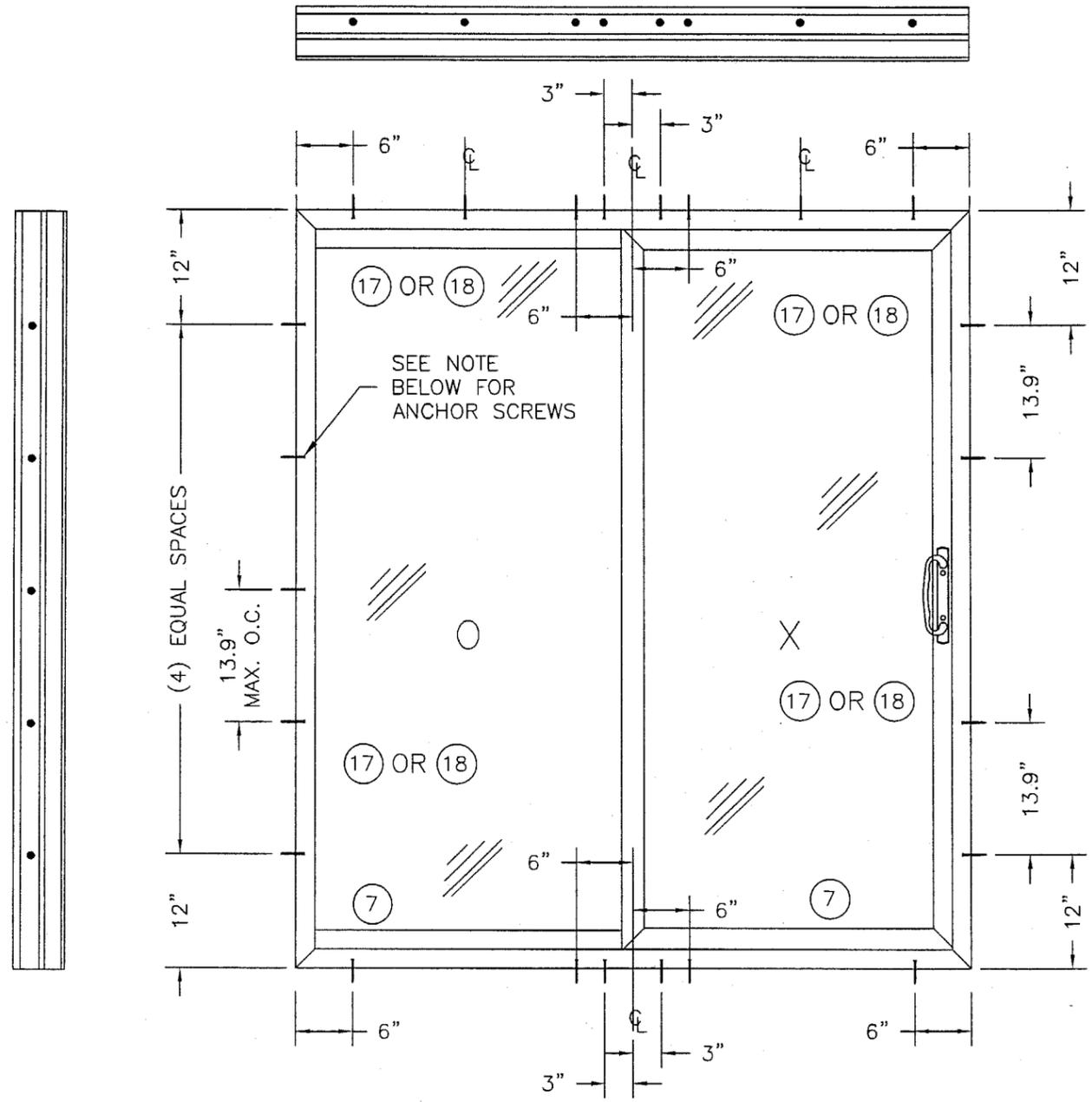
Approved as complying with the Florida Building Code
 Date MARCH 04, 2004
 NOAH 03-0813-04
 Miami Dade Product Control
 Division
 By Ishaq I. Khanda

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. Hightner, P.E. 12/09/03
 No. 54158

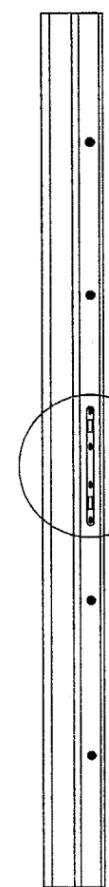
PRODUCT: SIMONTON WINDOWS NON-IMPACT 5500 SERIES SLIDING PATIO DOOR
 PART OR ASSEMBLY: BILL OF MATERIALS & UNIT COMPONENTS

NO.	DATE	REVISIONS
3	12/08/03	PER DADE COMMENTS
2	10/22/03	PER DADE COMMENTS
1	9/16/03	PER DADE COMMENTS

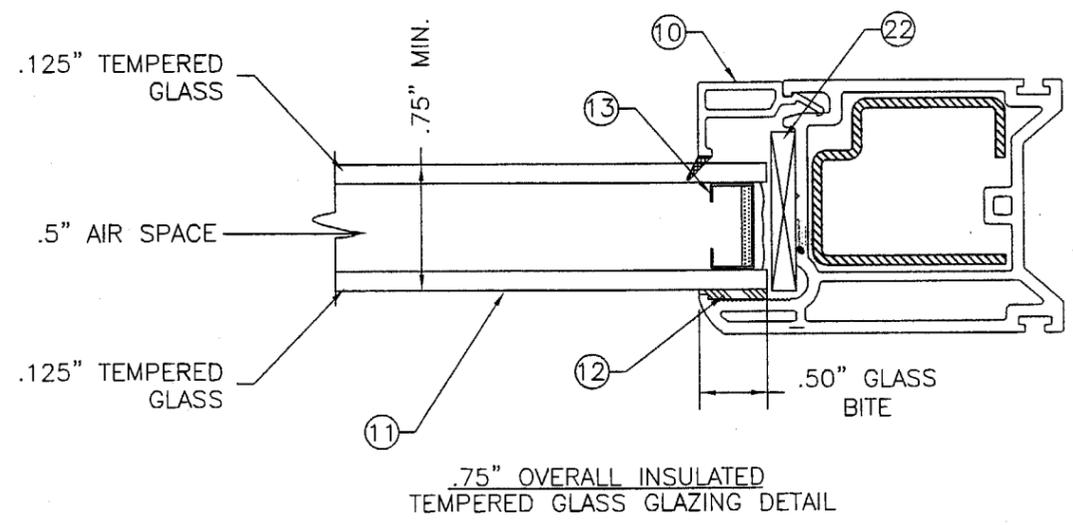
DATE: 8/7/03
 SCALE: N.T.S.
 DWG. BY: ROF
 CHK. BY: TJH
 DRAWING NO.: S-2383
 SHEET 4 OF 5



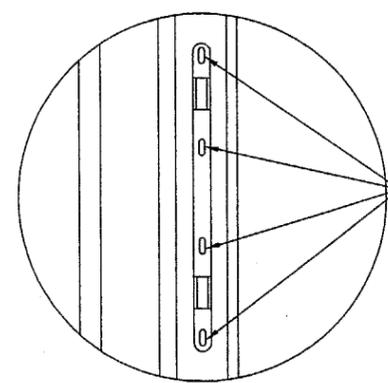
ANCHORING LOCATIONS



SEE DETAIL A BELOW



.75" OVERALL INSULATED TEMPERED GLASS GLAZING DETAIL



DETAIL A

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

NOTE : WHEN ANCHORING THE DOOR TO A 2X BUCK THE ANCHOR SCREWS AT THE HEAD & SIDES ARE ITEM #17 (#12 X 3" PHILLIPS FLAT HEAD SHEET METAL SCREW). WHEN ANCHORING THE DOOR TO A 1X BUCK USE ITEM #18 (3/16" X 3 3/4" TAPCON ANCHOR).

Approved as complying with the Florida Building Code
 Date MARCH 04, 2004
 NOAH 03-2813-04
 Miami Dade Product Control
 Division
 By Shaq I. Lhanda

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PRODUCT: SIMONTON WINDOWS NON-IMPACT 5500 SERIES SLIDING PATIO DOOR
 PART OR ASSEMBLY: ANCHORING LOCATIONS, DETAILS & GLAZING DETAIL

NO.	DATE	REVISIONS
3	12/08/03	PER DADE COMMENTS
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 SHEET 5 OF 5