



**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 Single Outswing Door w/ Fixed Sidelite (OX)-Reinforced

APPROVAL DOCUMENT: Drawing No. S-2374, titled " Extruded Vinyl PVC Garden Door", sheets 1 through 6 of 6, prepared by R.W. Building Consultant Inc., dated 08-23-03 and last revised on 12-10-03, 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 03-0827.10
Expiration Date: March 04, 2009
Approval Date: March 04, 2004
Page 1**

2/9/14

Simonton Windows

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **S-2374**, titled "Extruded Vinyl PVC Garden Door", sheets 1 through 6 of 6, prepared by R.W. Building Consultant Inc., dated 08-23-03 and last revised on 12-10-03, 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-1135W** dated August 17, 2003, signed and sealed by Ramesh Patel, P.E.

Note: This test report has been revised by an addendum letter dtd Oct. 21, 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 08/20/2003, 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. **03-00711.02**, issued to Dayton Technologies, for "White Rigid PVC Exterior Extrusions for Windows and Doors", expiring on Feb. 19, 2009.

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 October 10, 2003 from American Architectural Manufacturers Association (AAMA), verifying participation in AAMA's "PVC" profile certification program for Dayton Technologies, 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 03-0827.10

Expiration Date: March 04, 2009
Approval Date: March 04, 2004

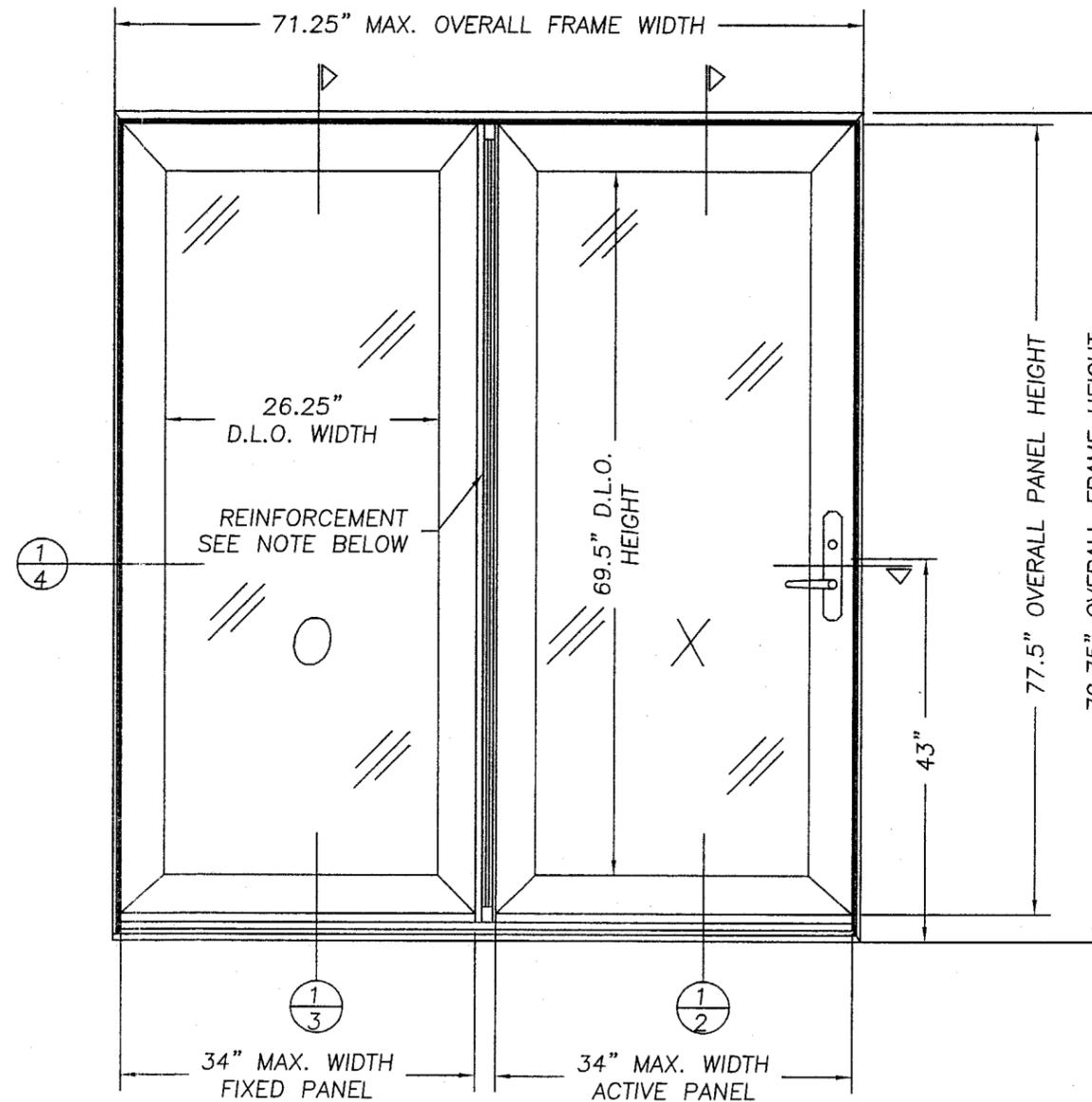


1 Cochrane Avenue Pennsboro, WV 26415 Ph. 800.426.2249

SERIES 5500 NON-IMPACT EXTRUDED VINYL PVC OUT-SWING GARDEN DOOR

GENERAL NOTES:

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HVHZ FLORIDA BUILDING CODE.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO STRUCTURE AND TO 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 CHART 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 WINBORNE DEBRIS PROTECTION.
6. THIS PRODUCT MEETS THE WATER REQUIREMENT FOR HIGH VELOCITY HURRICANE ZONES.



6'0" x 6'8" GARDEN DOOR
W/ FIXED SIDE LITE
VIEWED FROM EXTERIOR

DESIGN PRESSURE RATING	
+50.0 PSF	-60.0 PSF

NOTE:
SEE SHEET 4 OF 6 FOR
ADDITIONAL REINFORCEMENT
LOCATIONS & CROSS SECTIONS.

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

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. Haney, P.E. 12/10/03
No. 54158

PRODUCT:
SERIES 5500 NON-IMPACT
EXTRUDED VINYL PVC
GARDEN DOOR UP TO 72" x 80"
PART OR ASSEMBLY:
GENERAL NOTES &
TYP ELEVATION

NO.	DATE	BY	REVISIONS
2	12/9/03	TJH	PER DADE LETTER
1	10/7/03	ROF	PER DADE LETTERS

DATE: 8/20/03

SCALE: NTS

DWG. BY: ROF

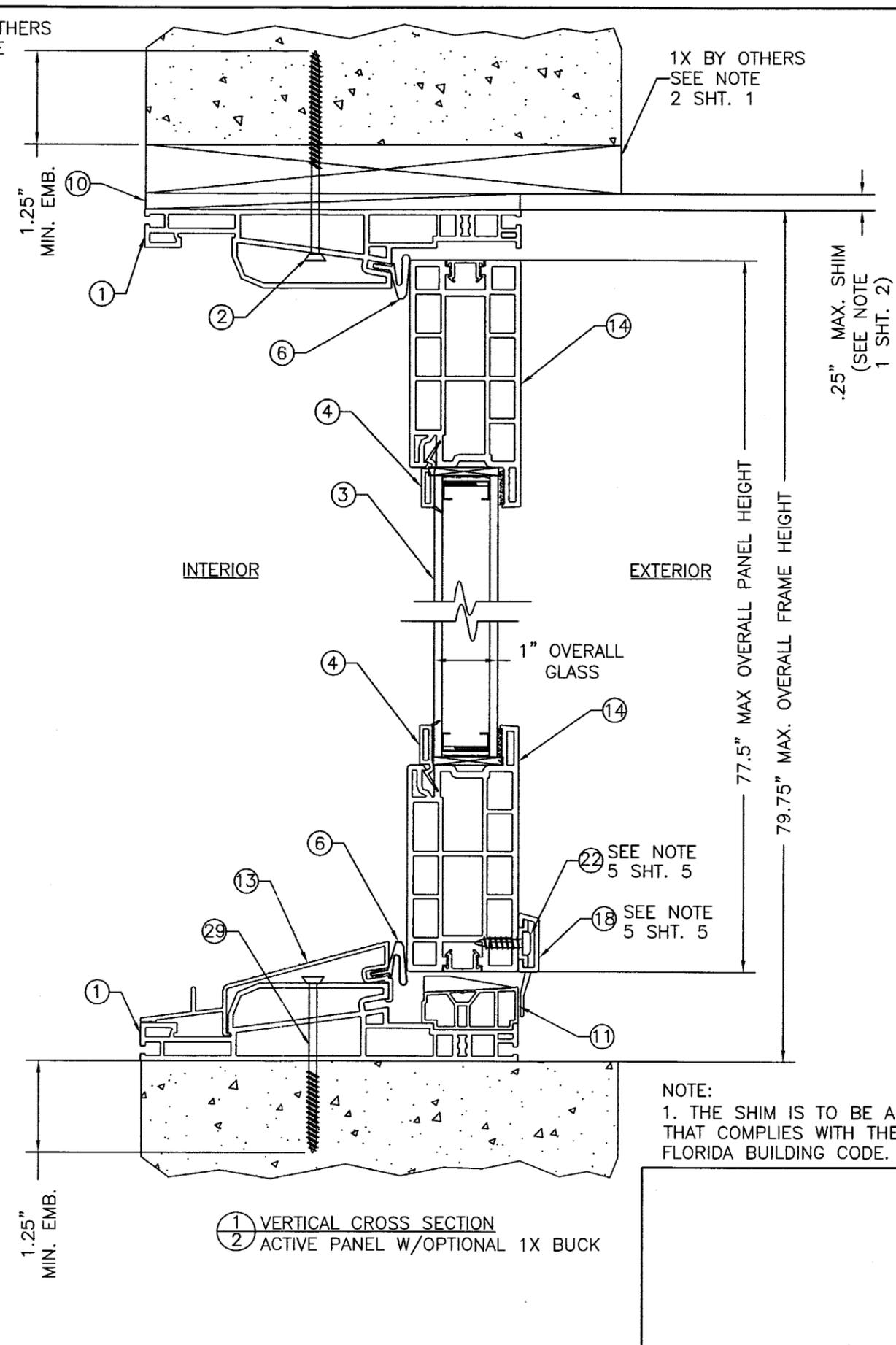
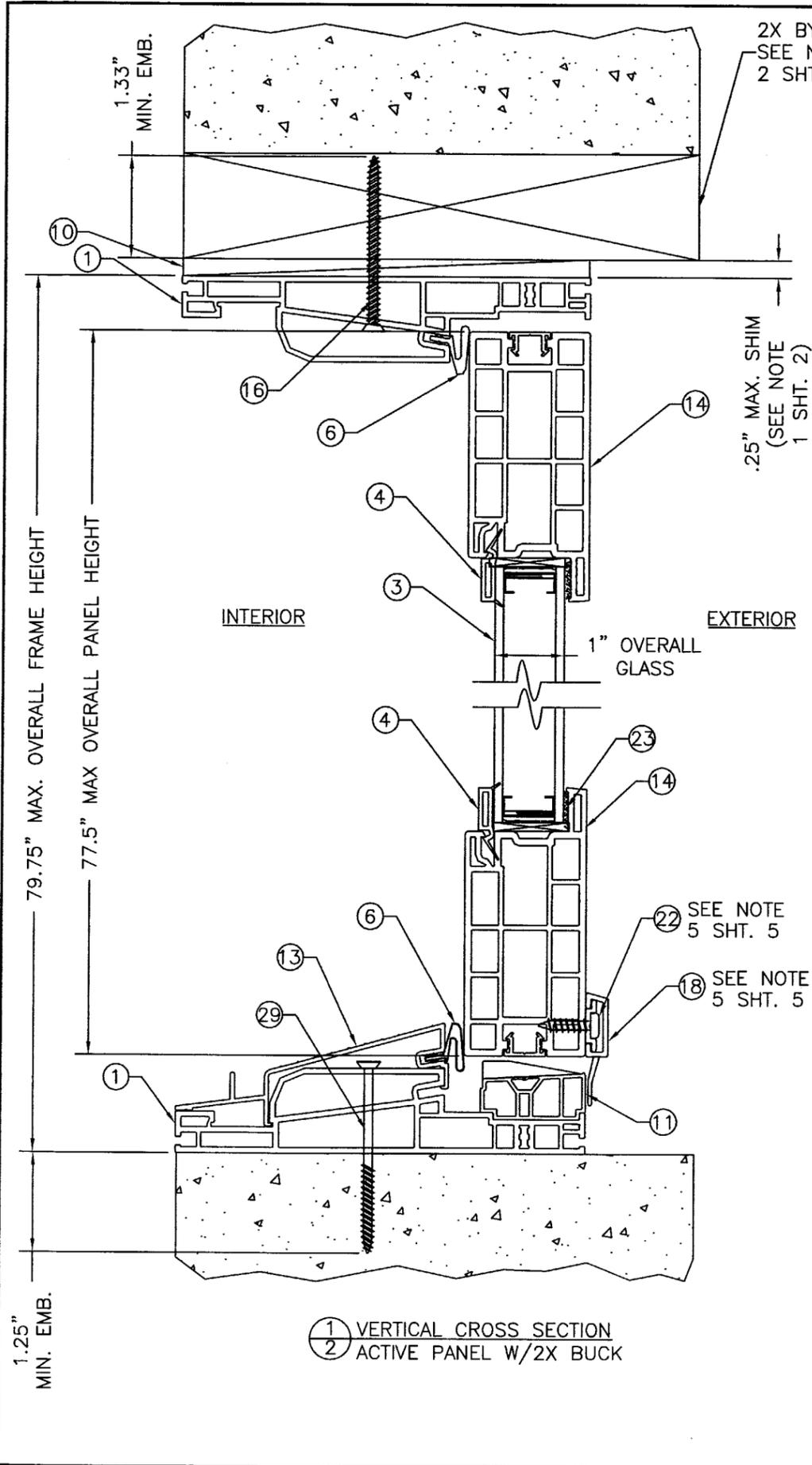
CHK. BY: RW

DRAWING NO.:

S-2374

SHEET 1 OF 6

Approved as complying with the
Florida Building Code
Date: MARCH 04, 2004
MIA# 03-0827-10
Miami Dade Product Control
Division
By: Ishag I. Chandra



NOTE:
1. THE SHIM IS TO BE A "RIGID / STIFF" MATERIAL THAT COMPLIES WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.

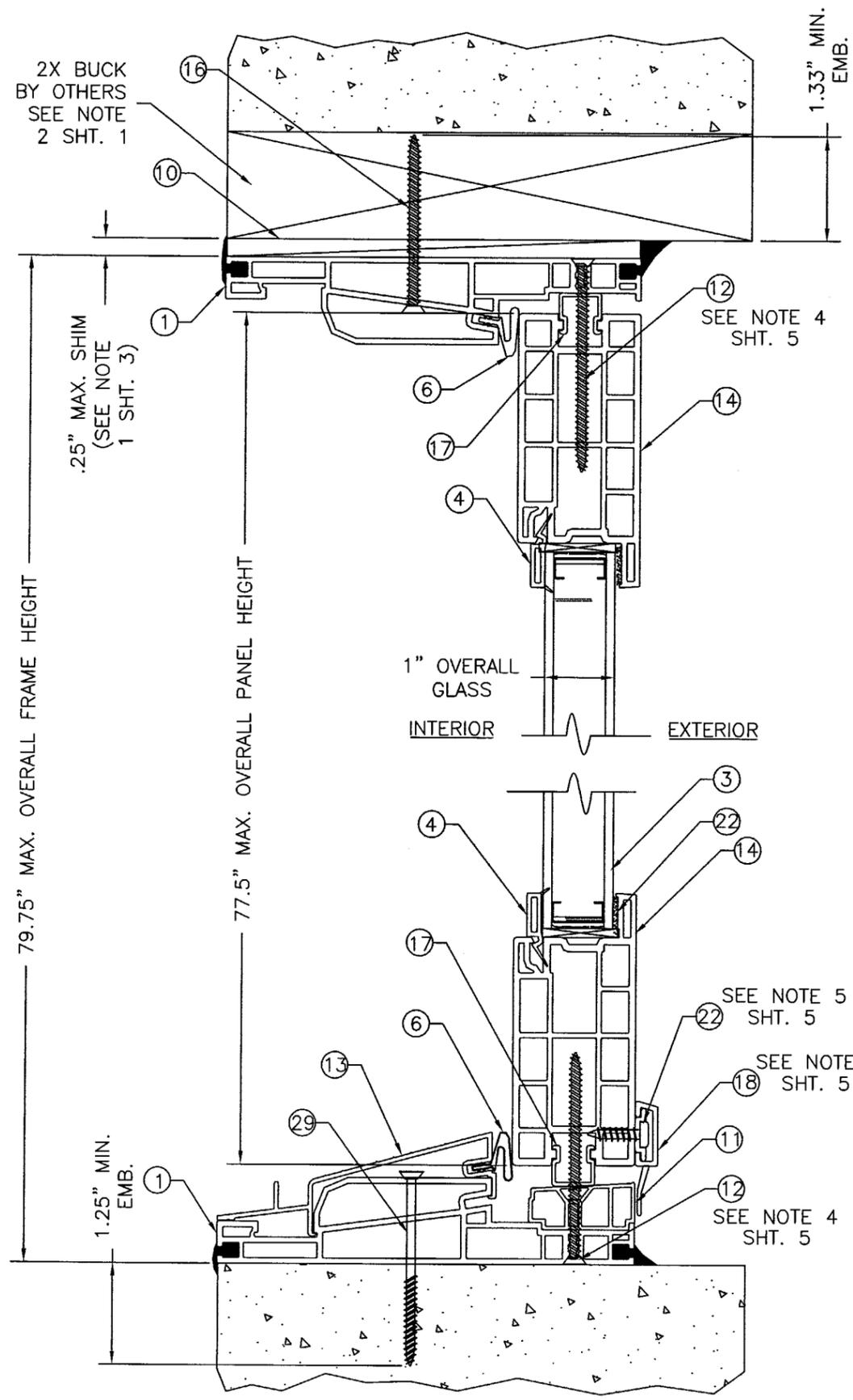
Approved as complying with the Florida Building Code
Date: March 04, 2004
NOA# 03-0827-10
Miami Dade Product Control Division
By: Ishag I. Chaudh

DATE:	8/20/03
SCALE:	NTS
DWG. BY:	ROF
CHK. BY:	RW
DRAWING NO.:	S-2374
SHEET	2 OF 6

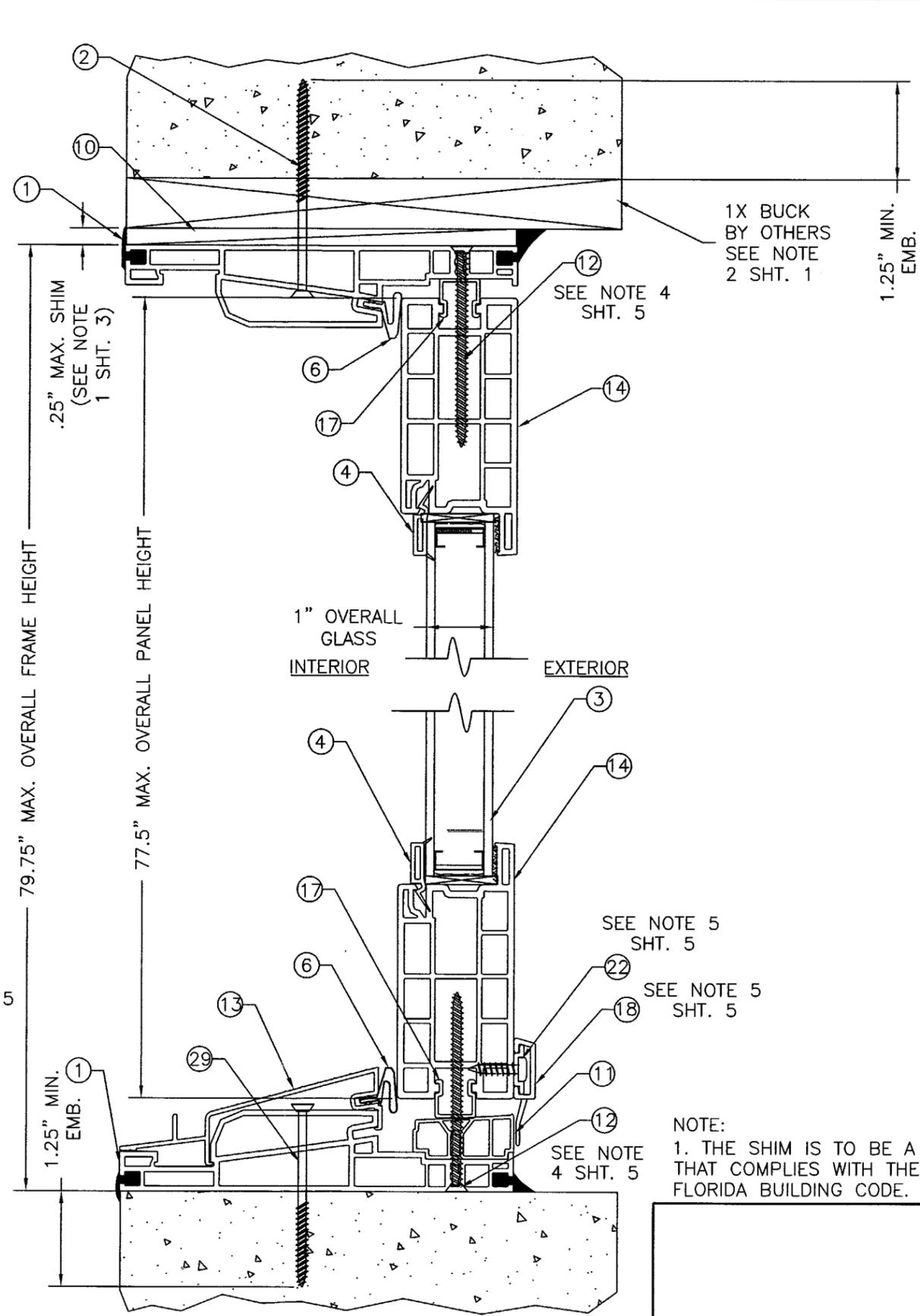
PRODUCT:
SERIES 5500 NON-IMPACT
EXTRUDED VINYL PVC
GARDEN DOOR UP TO 72" x 80"
PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS
2	12/9/03	PER DADE LETTER
1	10/7/03	PER DADE LETTERS
		TJH
		ROF
		BY

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. Haney, P.E.
12/10/03
No. 54158



1 VERTICAL CROSS SECTION
3 FIXED PANEL W/2X SUB BUCK



1 VERTICAL CROSS SECTION
3 FIXED PANEL W/OPTIONAL 1X SUB BUCK

NOTE:
1. THE SHIM IS TO BE A "RIGID / STIFF" MATERIAL THAT COMPLIES WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.

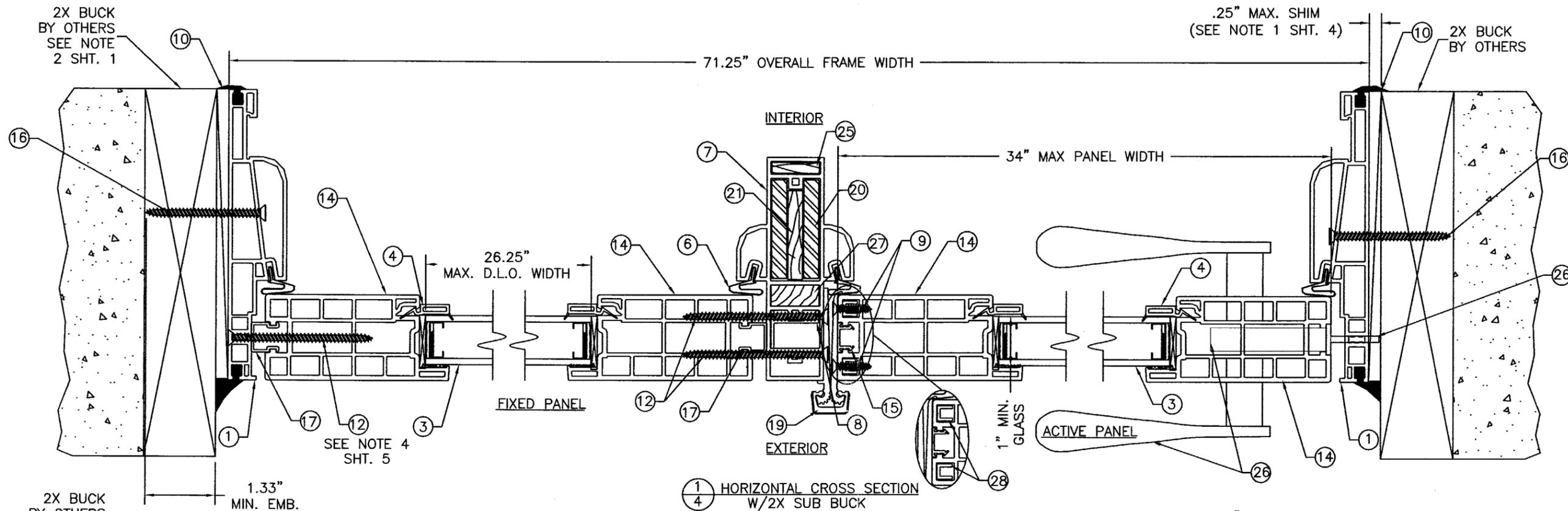
Approved as complying with the Florida Building Code
Date MARCH 24 2004
NOA# 03-0827.10
Miami Dade Product Control Division
By Shaq I. Chanda

DATE:	8/20/03
SCALE:	NTS
DWG. BY:	ROF
CHK. BY:	RW
DRAWING NO.:	S-2374
SHEET	3 OF 6

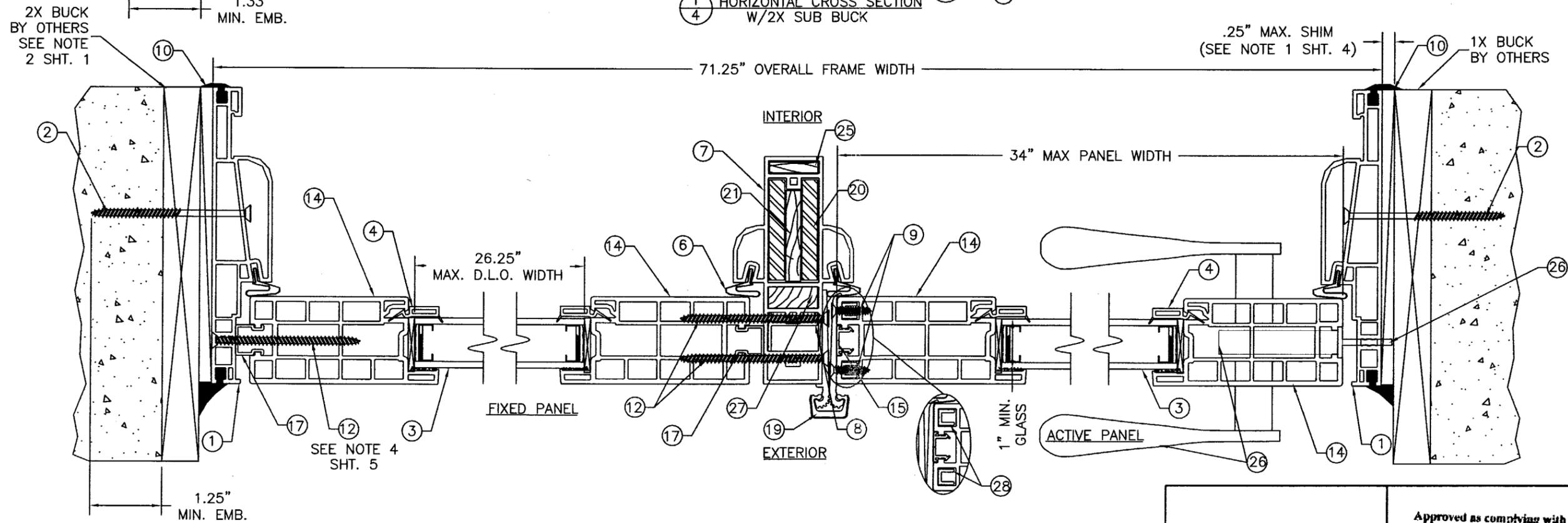
PRODUCT:	SERIES 5500 NON-IMPACT EXTRUDED VINYL PVC GARDEN DOOR 72" x 80"	
PART OR ASSEMBLY:	VERTICAL CROSS SECTION FIXED PANEL	
NO.	DATE	BY
2	12/9/03	TJH
1	10/7/03	ROF
		BY

REVISIONS	
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Product Approval Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 236 Vairios FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Wendell W. Haney, P.E. 12/10/03
Wendell W. Haney, P.E. NO. 54158



1 HORIZONTAL CROSS SECTION
4 W/2X SUB BUCK



1 HORIZONTAL CROSS SECTION
4 W/OPTIONAL 1X SUB BUCK

NOTE:
1. THE SHIM IS TO BE A "RIGID / STIFF" MATERIAL THAT COMPLIES WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.

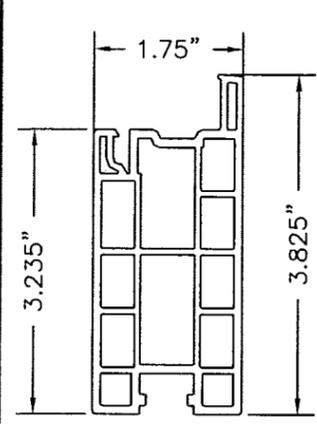
Approved as complying with the
Florida Building Code
Date MARCH 24, 2004
NOAH 03-0827-10
Miami Dade Product Control
Division
By Shaq I. Chanda

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
12/10/03
Wendell W. Planey, P.E. NO. 54158

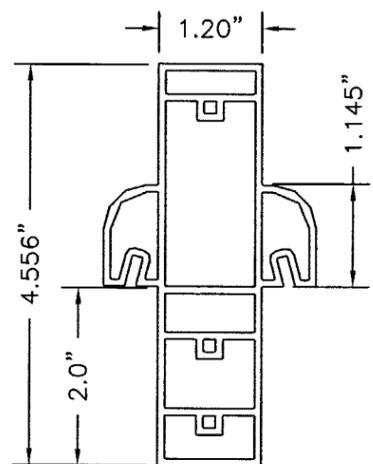
PRODUCT: SERIES 5500 NON-IMPACT
EXTRUDED VINYL PVC
GARDEN DOOR UP TO 72" x 80"
PART OR ASSEMBLY: HORIZONTAL CROSS SECTION

NO.	DATE	REVISIONS	BY
2	12/9/03	PER DADE LETTER	TJH
1	10/7/03	PER DADE LETTERS	ROF

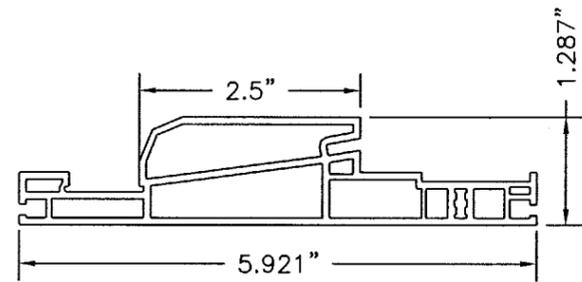
DATE: 8/20/03
SCALE: NTS
DWG. BY: ROF
CHK. BY: RW
DRAWING NO.: S-2374
SHEET 4 OF 6



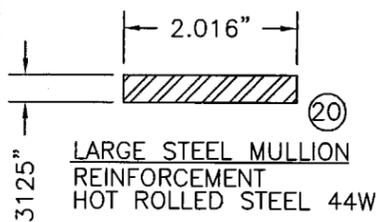
⑭ **PANEL STILE & RAIL**
EXTRUDED VINYL PVC
0.098" MAX. WALL
0.070" MIN. WALL
BY DAYTON TECHNOLOGY #P5997



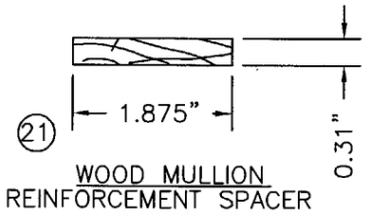
⑦ **MULLION**
EXTRUDED VINYL PVC
0.080" WALL
BY DAYTON TECHNOLOGY #P5996



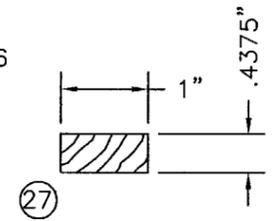
① **FRAME /SILL**
EXTRUDED VINYL PVC
0.080" MAX. WALL
0.060" MIN. WALL
BY DAYTON TECHNOLOGY #P5995



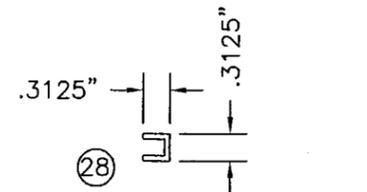
⑳ **LARGE STEEL MULLION REINFORCEMENT**
HOT ROLLED STEEL 44W



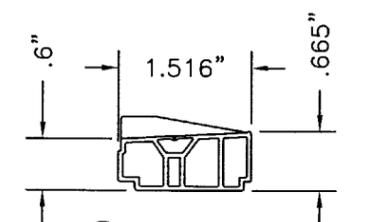
㉑ **WOOD MULLION REINFORCEMENT SPACER**



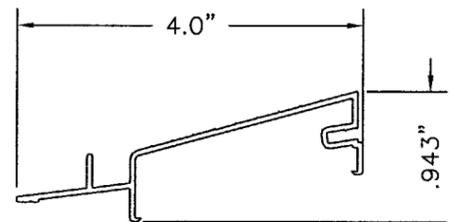
㉒ **WOOD MULLION MEDIUM SPACER**



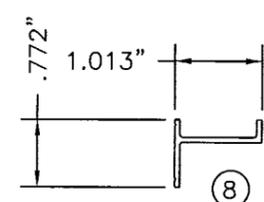
㉘ **ACTIVE PANEL HINGE STILE REINFOR.**
EXTRUDED ALUM. 0.062" THK.



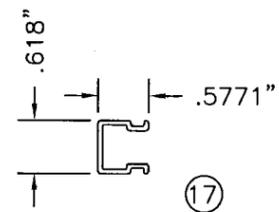
⑪ **SILL CAP**
EXTRUDED VINYL PVC
0.052" WALL
BY DAYTON TECHNOLOGY #P5959



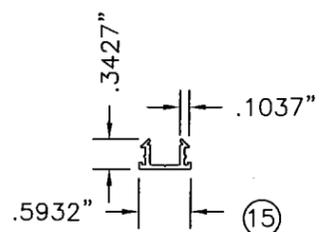
⑬ **ALUMINUM THRESHOLD**
EXTRUDED ALUM. 0.058" WALL
6063-T5 ALUM.



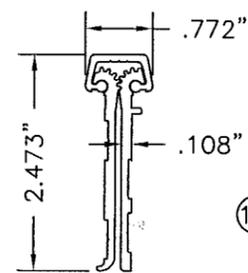
⑧ **ALUMINUM MULLION REINF.**
EXTRUDED ALUM. 0.058" WALL



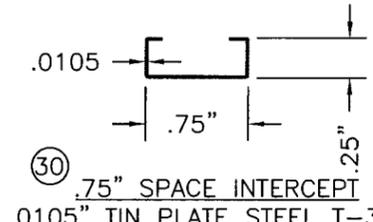
⑰ **FIXED PANEL END CAP**
EXTRUDED VINYL PVC
0.049" WALL
BY DAYTON TECHNOLOGY #5958



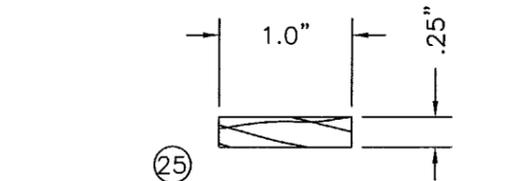
⑮ **ACTIVE PANEL END CAP**
EXTRUDED VINYL PVC
0.049" WALL
BY DAYTON TECHNOLOGY #P5971



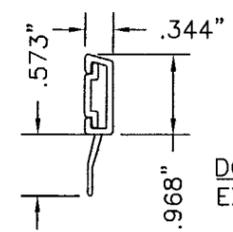
⑲ **CONTINUOUS GEARED ALUM. (DT-78) HINGE**
BY PEMKO



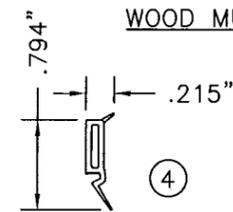
⑳ **.75" SPACE INTERCEPT**
.0105" TIN PLATE STEEL T-3



㉕ **WOOD MULLION SMALL SPACER**



⑱ **DOOR BOTTOM SWEEP**
EXTRUDED VINYL PVC
0.072" WALL



④ **GLAZING BEAD**
EXTRUDED VINYL PVC
0.060" WALL
BY DAYTON TECHNOLOGY #5955A

BILL OF MATERIALS		
1	EXTRUDED VINYL PVC FRAME/SILL BY DAYTON TECHNOLOGY	* WHITE RIGID VINYL
2	3/16" x 3 1/4" TAPCON ANCHOR	STEEL
3	1" INSULATED GLASS	GLASS
4	GLAZING BEAD EXTRUDED VINYL PVC BY DAYTON TECHNOLOGY	* WHITE RIGID VINYL
5	#10 X 5/8" PHILLIPS UNDERCUT FLAT HEAD SCREW	STEEL
6	WEATHERSTRIPPING SCHLEGEL QEB650	FOAM
7	MULLION EXTRUDED VINYL PVC BY DAYTON TECHNOLOGY	* WHITE RIGID VINYL
8	ALUMINUM MULLION REINFORCEMENT FULL LENGTH	ALUM.
9	PANEL EDGE REINFORCEMENT	ALUM.
10	.25" SHIM MATERIAL	-
11	SILL CAP EXTRUDED VINYL PVC BY DAYTON TECHNOLOGY	* WHITE RIGID VINYL
12	#10 X 3" PHILLIPS UNDER-CUT FLAT HEAD SCREW	STEEL
13	THRESHOLD EXTRUDED ALUMINUM BY DAYTON TECHNOLOGY	ALUM.
14	PANEL STILE & RAIL EXTRUDED VINYL PVC BY DAYTON TECHNOLOGY	* WHITE RIGID VINYL
15	ACTIVE PANEL END CAP EXTRUDED VINYL PVC BY DAYTON TECHNOLOGY	* WHITE RIGID VINYL
16	#10 X 2 1/2" PFH SHEET METAL SCREW	STEEL
17	FIXED PANEL END CAP EXTRUDED VINYL PVC BY DAYTON TECHNOLOGY	* WHITE RIGID VINYL
18	DOOR BOTTOM SWEEP EXTRUDED VINYL PVC BY DAYTON TECHNOLOGY	* WHITE RIGID VINYL
19	CONTINUOUS GEARED ALUMINUM HINGE BY PEMKO	ALUM.
20	LARGE STEEL MULLION REINFORCEMENT LENGTH	STEEL
21	WOOD MULLION REINFORCEMENT SPACER FULL LENGTH	WOOD
22	#8 X 3/4" PHILLIPS PAN HEAD SCREW	STEEL
23	GLAZING TAPE .529" X .063" FULL LENGTH	FOAM
24	SETTING BLOCK 1.0" WIDE X .128" THK. FULL LENGTH	-
25	WOOD MULLION SMALL SPACER FULL LENGTH	WOOD
26	FUHR MULTISAFE 856 LATCH & DEADBOLT W/HOPPE M112PL/374N HANDLE SET	-
27	WOOD MULLION MEDIUM SPACER FULL LENGTH	WOOD
28	ACTIVE PANEL HINGE STILE REINFORCEMENT	ALUM.
29	3/16 X 2 1/4" TAPCON ANCHOR	STEEL
30	SPACE INTERCEPT 3/4" .0105" TIN PLATE STEEL	STEEL

* 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
NOA 03-0827-10
Miami Dade Product Control Division
By Slag I. Claude

Product Approval Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Vairco FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate of Authorization No. 9813
Wendell W. Haney, P.E. 12/10/03
Wendell W. Haney, P.E. NO. 54158

PRODUCT: SERIE 5500 NON-IMPACT EXTRUDED VINYL PVC GARDEN DOOR UP TO 72" x 80"
PART OR ASSEMBLY: COMPONENTS & BILL OF MATERIALS

NO.	DATE	REVISIONS
2	12/9/03	PER DADE LETTER T/JH
1	10/7/03	PER DADE LETTERS ROF

DATE: 8/20/03
SCALE: NTS
DWG. BY: ROF
CHK. BY: RW
DRAWING NO.: S-2374
SHEET 6 OF 6