



**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)**

**Silver Line Building Products Corporation  
One Silver Line Drive  
North Brunswick, NJ 08902**

**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 2700 Extruded PVC Single Hung Window**

**APPROVAL DOCUMENT:** Drawing No. S-2248, dated 06/10/02, with revision #2 dated 12/08/03, titled "Extruded PVC Single Hung Window up to 52" x 73", sheets 1 to 6 of 6, prepared by R. W. Building Consultants, Inc., signed and sealed by Lyndon F. Schmidt, P.E., bearing the Miami-Dade County Product Control Revision 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 revises NOA # 02-0729.04 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 **Theodore Berman, P.E.**

2/9/2004 

**NOA No 03-1210.06  
Expiration Date: September 05, 2007  
Approval Date: March 04, 2004  
Page 1**

**Silver Line Building Products Corporation**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **S-2248**, dated 06/10/02, with revision #2 dated 12/08/03, titled "Extruded PVC Single Hung Window up to 52" x 73", sheets 1 to 6 of 6, prepared by R. W. Building Consultants, Inc., signed and sealed by Lyndon F. Schmidt, P.E.

**B. TESTS**

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94 along with marked-up drawings and installation diagram of PVC Frame Single Hung Windows, prepared by Architectural Testing Inc., Test Report No. **ATI-01-41081.03** dated 11/07/03, signed and sealed by Joseph A. Reed, P.E.
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  
4) Forced Entry Test, per FBC 3603.2 (b) and TAS 202-94  
along with marked-up drawings and installation diagram of PVC Frame Single Hung Windows, prepared by Architectural Testing Inc., Test Report No. **ATI-01-41081** dated 05/22/02, signed and sealed by Allen N. Reeves, P.E.  
**"Submitted under NOA# 02-0729.04"**

**C. CALCULATIONS**

1. Anchor Calculations, ASTM-E1300-98 and structural analysis, dated 12/09/03 prepared, signed and sealed by Lyndon F. Schmidt, P.E.
2. Anchor Calculations and structural analysis, dated 07/23/02 prepared, signed and sealed by Lyndon F. Schmidt, P.E.  
**"Submitted under NOA# 02-0729.04"**

**D. QUALITY ASSURANCE**

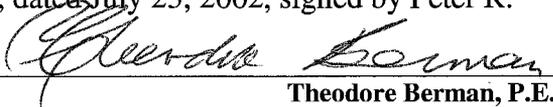
1. Miami Dade Building Code Compliance Office (BCCO)

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **02-0523.01** issued to Silverline Building Products Corporation for "White Rigid PVC Exterior Extrusions for Windows and Doors" dated 08/15/02, expiring on 08/15/07.  
**"Submitted under NOA# 02-0729.04"**

**F. STATEMENTS**

1. Statement letter of conformance, dated December 09, 2003.
2. Statement letter of no financial interest, dated July 23, 2002, signed by Peter R. Thornton, P.E.

  
Theodore Berman, P.E.

Deputy Director, Product Control Division  
NOA No 03-1210.06  
Expiration Date: September 05, 2007  
Approval Date: March 04, 2004

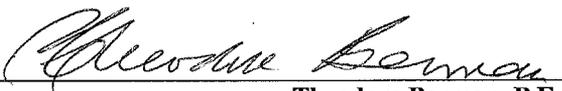
**Silver Line Building Products Corporation**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

3. Statement letter of conformance and no financial interest, dated December 11, 2003, signed and sealed by Lyndon F. Schmidt, P.E.
4. Statement letter of conformance and no financial interest, dated July 23, 2002, signed and sealed by Lyndon F. Schmidt, P.E.  
*"Submitted under NOA# 02-0729.04"*
5. Statement letter of no financial interest, dated June 05, 2002, signed by Peter R. Thornton, Director of Engineering for Silver Line Building Products.  
*"Submitted under NOA# 02-0729.04"*
6. Letter stating that Rick Wright of R. W. Building Consultants has been contracted to represent Silver Line Building Products, dated June 5, 2002, signed by Peter R. Thornton, Director of Engineering for Silver Line Building Products.  
*"Submitted under NOA# 02-0729.04"*

**G. Other**

1. Notice of Acceptance No. **02-0729.04**, issued to Silver Line Building Products Corporation for their Series 2700 Extruded PVC Single Hung Window, approved on 09/05/02 and expiring on 09/05/07.



Theodore Berman, P.E.  
Deputy Director, Product Control Division  
NOA No 03-1210.06  
Expiration Date: September 05, 2007  
Approval Date: March 04, 2004

# SilverLINE

BUILDING PRODUCTS CORP.

1 SILVERLINE DRIVE NORTH BRUNSWICK, NJ 08902 PH. 732.435.1000

## MODEL SERIES 2700 SINGLE & TWIN EXTRUDED PVC SINGLE HUNG WINDOWS

### GENERAL NOTES

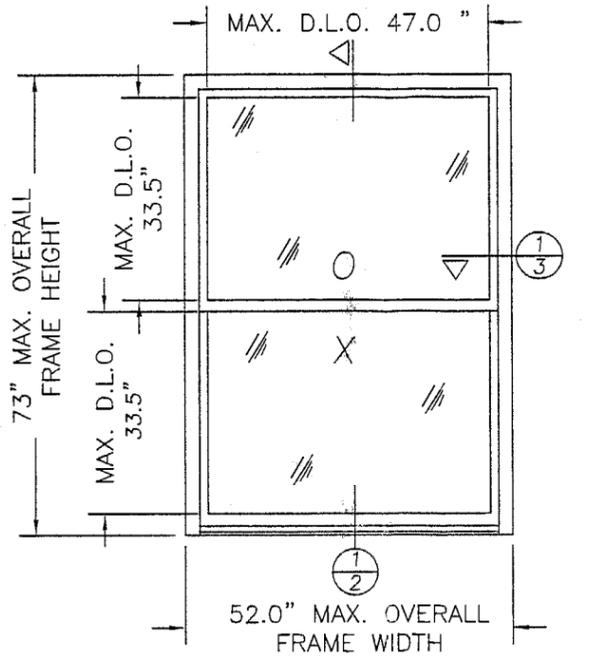
1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE FLORIDA BUILDING CODE.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. DESIGNED PRESSURE RATING SEE TABLE PAGE 1.
5. WHEN THIS PRODUCT IS USED IN AREAS REQUIRING WINDBORNE DEBRIS PRODUCTS, FLORIDA BUILDING CODE APPROVED IMPACT RESISTANT SHUTTERS ARE REQUIRED.
6. THIS PRODUCT MEETS THE WATER REQUIREMENTS FOR HIGH VELOCITY HURRICANE ZONES.

### TABLE OF CONTENTS

SHEET	DESCRIPTION
1	GENERAL NOTES & TYPICAL ELEVATIONS
2	VERTICAL CROSS SECTIONS & GLAZING DETAIL
3	HORIZONTAL CROSS SECTIONS & MULLION DETAIL
4	ANCHORING LOCATIONS
5	UNIT COMPONENTS
6	UNIT COMPONENTS & BILL OF MATERIALS

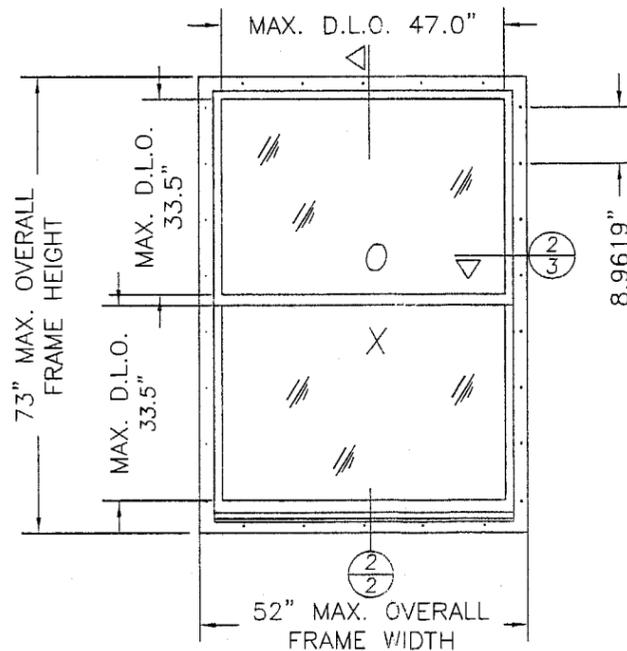
### DESIGN PRESSURE RATING

UNIT TYPE	GLASS TYPE	SINGLE UNIT	TWIN MULLED UNIT
SINGLE UNIT UP TO 52" x 73"	5/8" INSULATED GLASS 5/32" ANNEALED - 1/4" AIR - 5/32" ANNEALED	+62.0 psf -68.0 psf	X
SINGLE UNIT UP TO 52" x 62"	5/8" INSULATED GLASS 5/32" ANNEALED - 1/4" AIR - 5/32" ANNEALED	+60.0 psf -60.0 psf	+60.0 psf -60.0 psf
SINGLE UNIT UP TO 36" x 62"	5/8" INSULATED GLASS 1/8" ANNEALED - 3/8" AIR - 1/8" ANNEALED	+62.0 psf -68.0 psf	+45.0 psf -50.0 psf



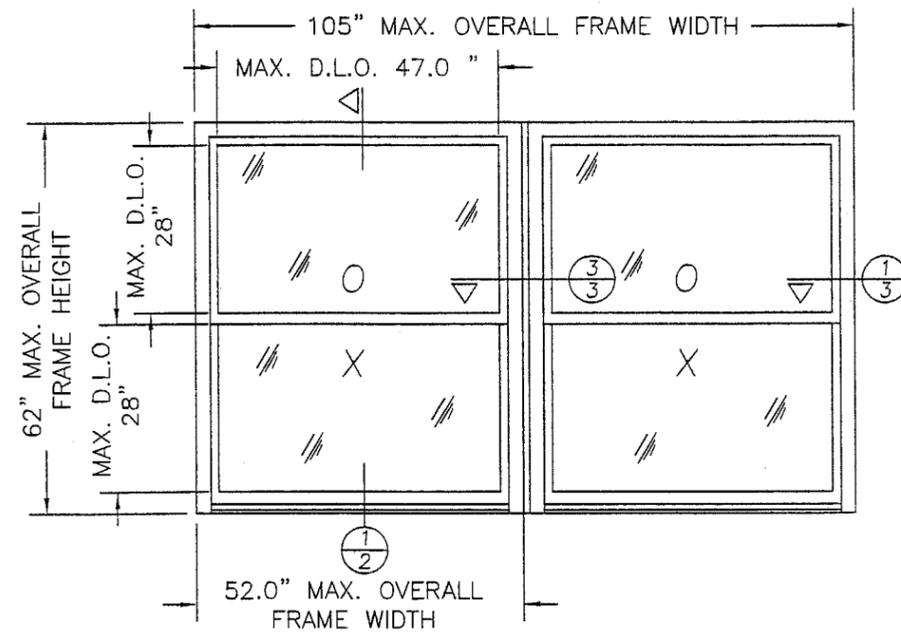
53" x 73" SINGLE WINDOW:

SASH SIZE: 49.875" x 36.125"  
DAYLITE OPENING SIZE: 47" x 33.5"



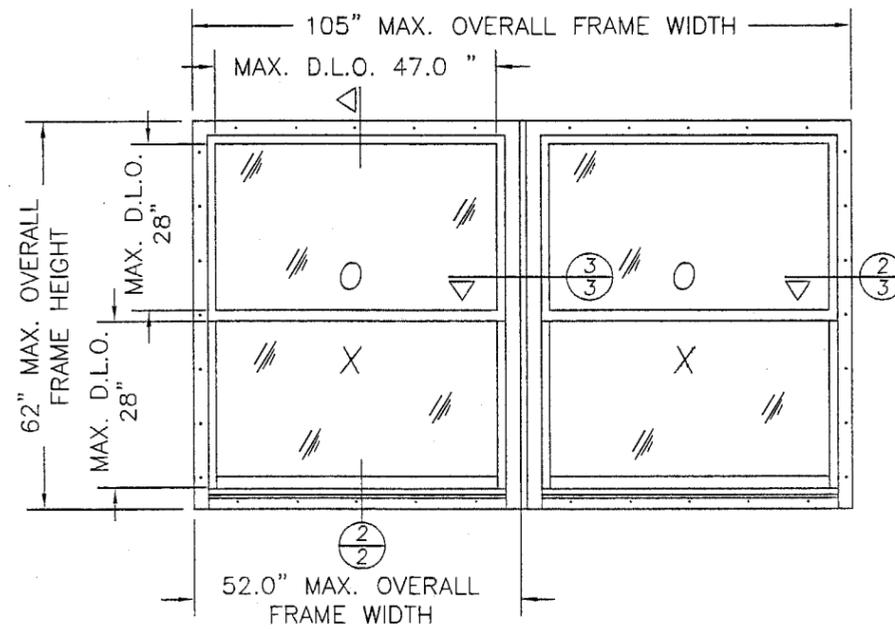
53" x 73" SINGLE WINDOW W/NAILING FLANGE:

SASH SIZE: 49.875" x 36.125"  
DAYLITE OPENING SIZE: 47" x 33.5"



105" x 62" TWIN WINDOW:

SASH SIZE: 49.875" x 30.875"  
DAYLITE OPENING SIZE: 47" x 28"



105" x 62" TWIN WINDOW W/NAILING FLANGE:

SASH SIZE: 49.875" x 30.875"  
DAYLITE OPENING SIZE: 47" x 28"

Product Approval Documents Prepared By:

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

Lyndon F. Schmidt, P.E. NO. 43409  
12/08/03

PRODUCT: EXTRUDED PVC  
SINGLE HUNG WINDOW  
UP TO 52" x 73"

PART OR ASSEMBLY:  
GENERAL NOTES &  
TYPICAL ELEVATIONS

NO	DATE	BY	REVISIONS
2	12/08/03	TJH	ADD MULLED UNIT
1	8/10/02	RW	GENERAL REVISION

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 03-1210.06  
Expiration Date 09/05/07  
By *Glenn Beina*  
Miami Dade Product Control  
Division

DATE: 6/10/02

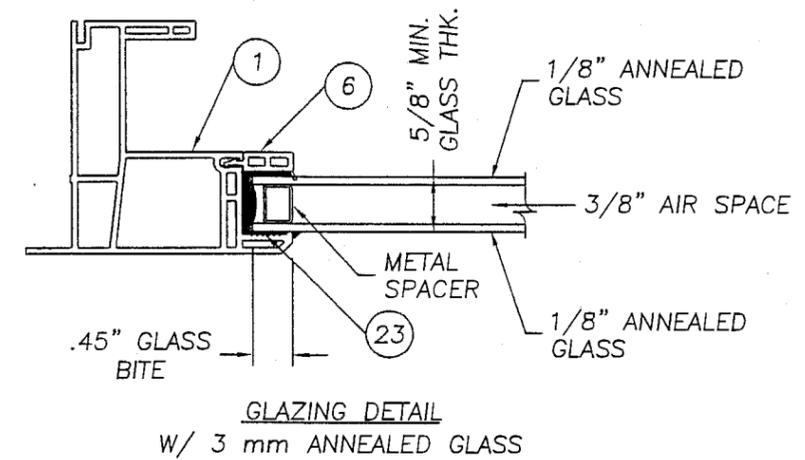
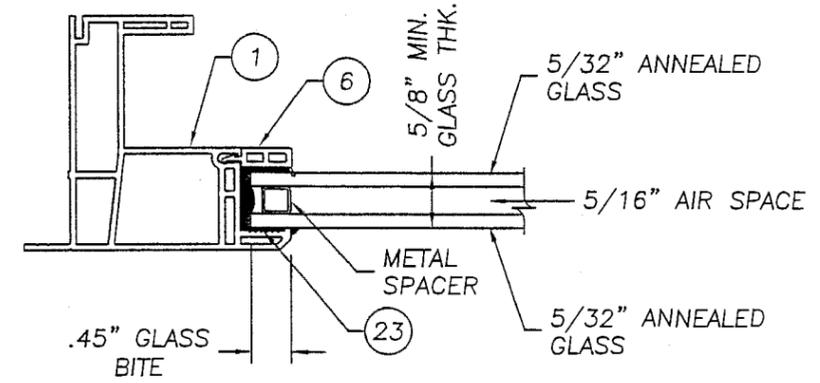
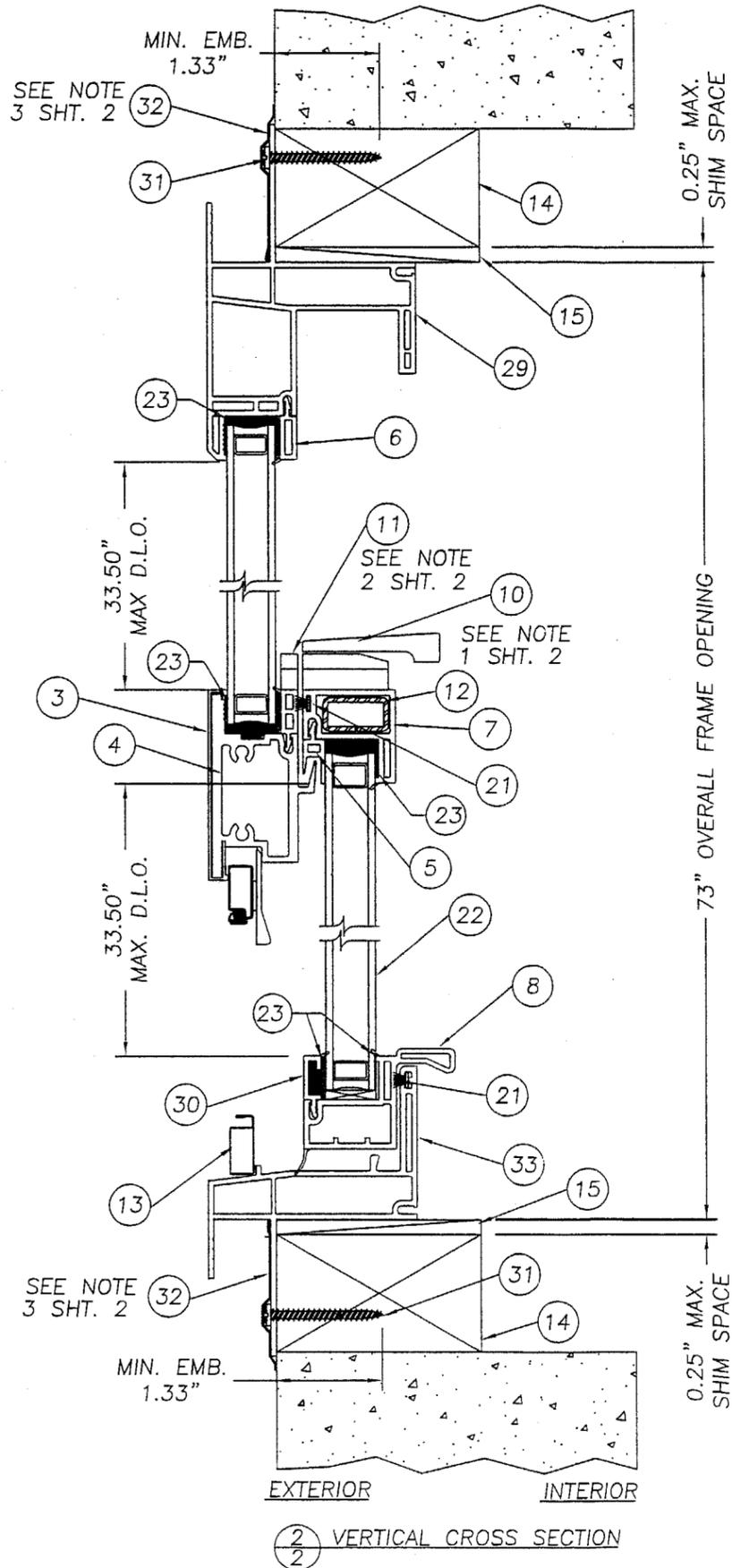
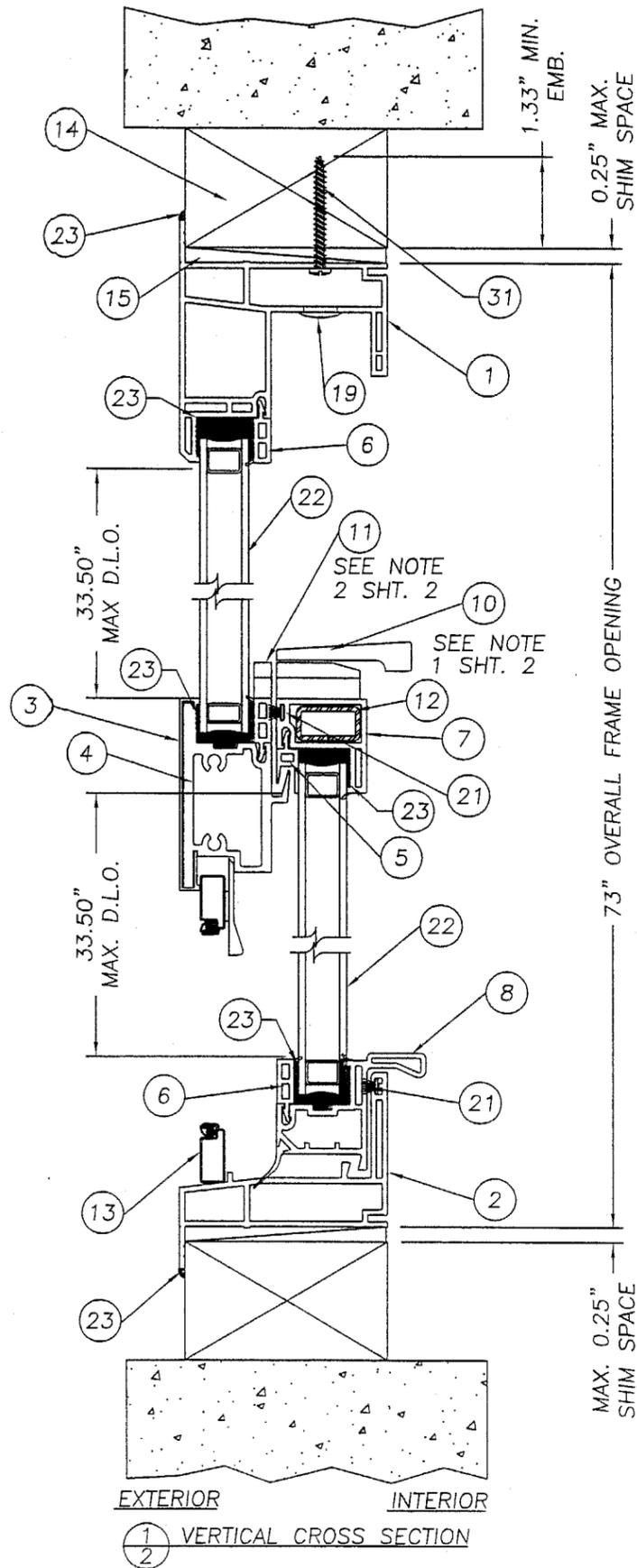
SCALE: N.T.S.

DWG. BY: WLN

CHK. BY: RW

DRAWING NO.: S-2248

SHEET 1 OF 6



- NOTE:
1. LOCATE OPERATING SASH LOCKS 7.5" FROM EACH END OF THE ACTIVE MEETING RAIL, FASTEN WITH (2) #8 x 3/4" SELF TAPPING SCREWS.
  2. LOCATE SASH KEEPER 6.5" FROM EACH END OF THE MEETING RAIL, FASTEN WITH (2) #6 x 3/4" SCREWS.
  3. 15 lbs. FELT MUST BE USED AS A WATER BARRIER. THE FELT MUST COVER THE NAILING FLANGE AND ANCHOR SCREW HEADS.
  4. THE FRAME IS CONSTRUCTED OF EXTRUDED PVC MEMBERS WITH MITERED AND WELD CORNERS. THE FIXED MEETING RAIL IS CONSTRUCTED FROM AN EXTRUDED ALUMINUM MEMBER WITH A PVC CAP. THE FIXED MEETING RAIL WAS BUTTED, SEALED AND FASTENED AT EACH END WITH TWO #10 x 3" SCREWS. THE FIXED MEETING RAIL ENDS UTILIZE A MOLDED PLASTIC SCREW SUPPORT.

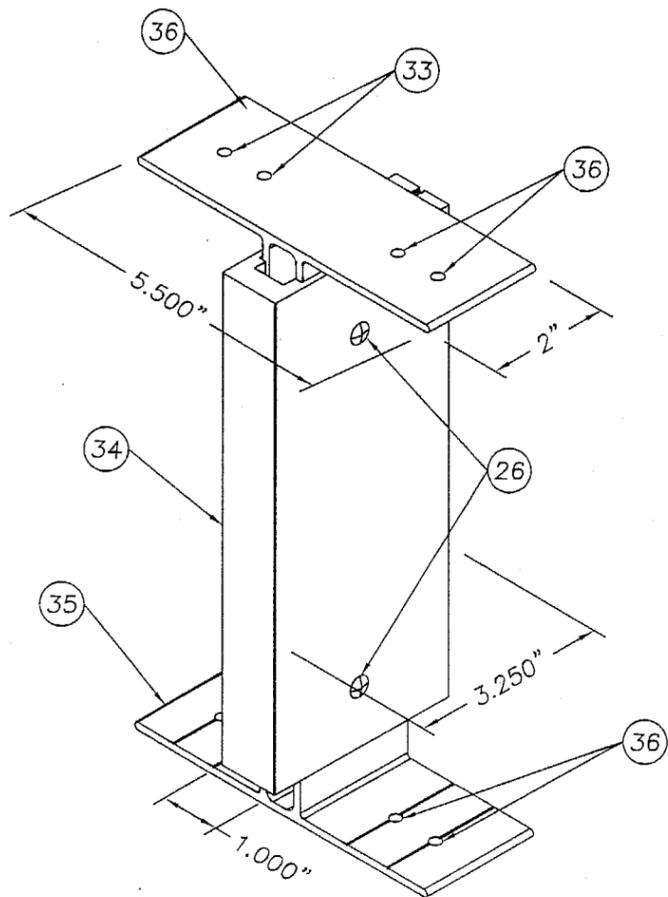
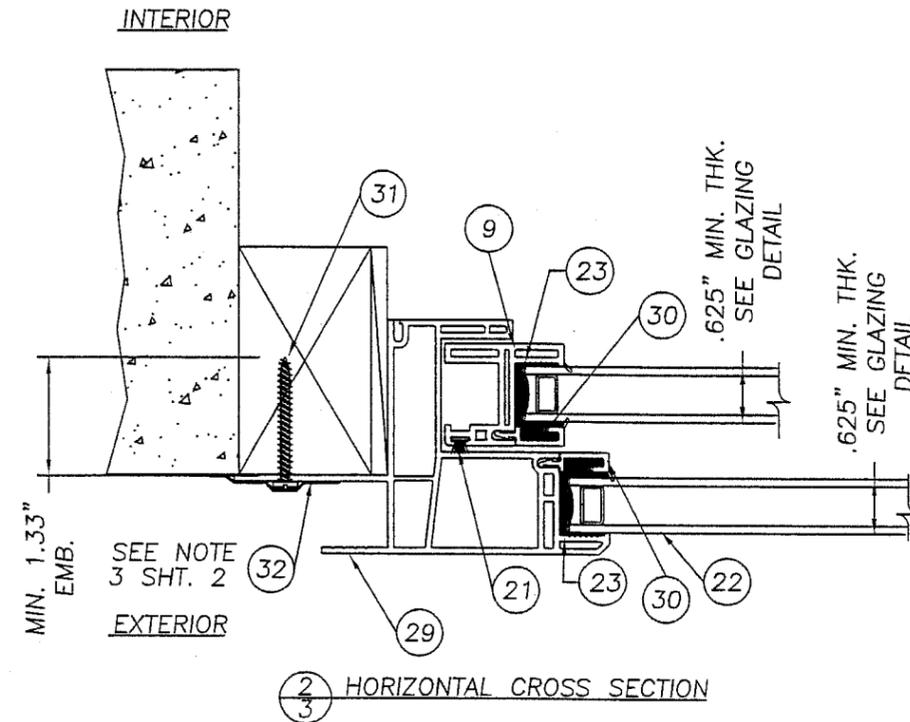
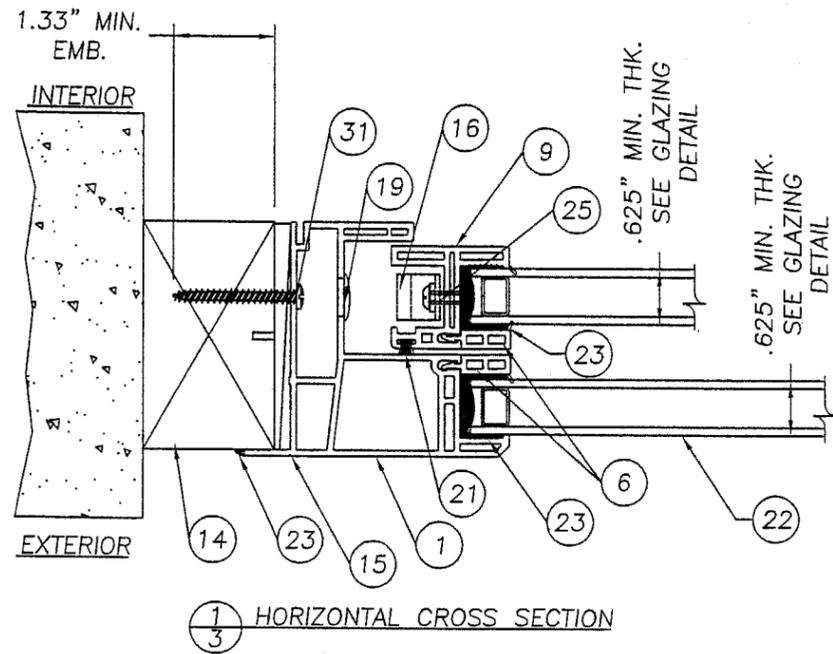
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No. 03-1210.06  
Expiration Date 07/05/07  
By: *Michael Dede*  
Michael Dede Product Control  
Division

DATE:	6/10/02
SCALE:	N.T.S.
DWG. BY:	WLN
CHK. BY:	RW
DRAWING NO.:	S-2248
SHEET	2 OF 6

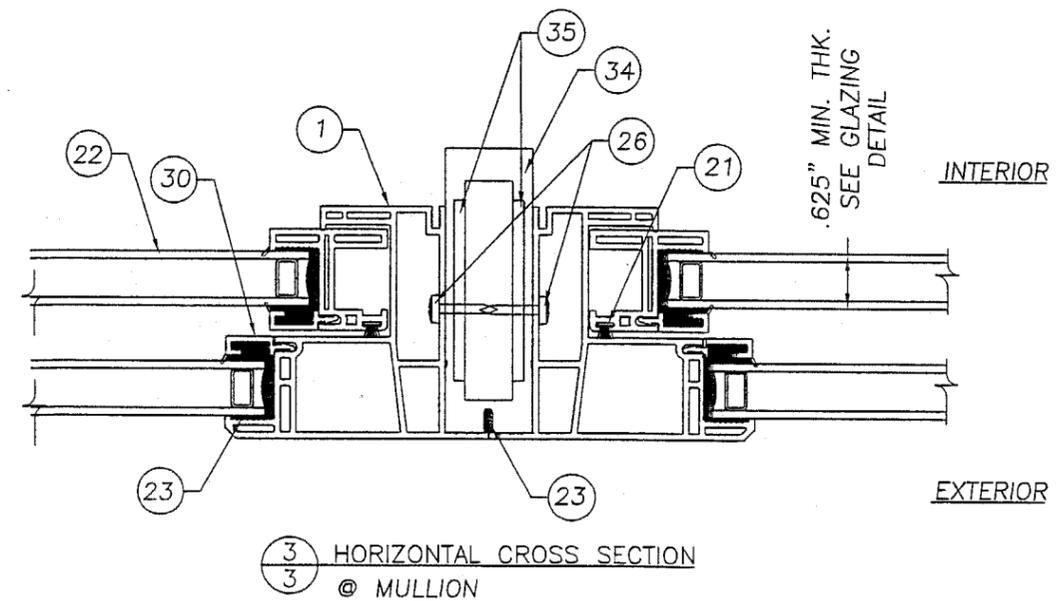
Product Approval Documents Prepared By:  
**RW** BUILDING CONSULTANTS, INC.  
P.O. Box 230 Valrico FL 33595  
Phone No.: 813.659.9197  
Florida Board of Professional Engineers  
Certificate Of Authorization No. 9813  
12/08/03  
Lyndon F. Schmidt, P.E. NO. 43409

PRODUCT: EXTRUDED PVC SINGLE HUNG WINDOW UP TO 52" x 73"  
PART OR ASSEMBLY: VERTICAL CROSS SECTIONS & GLAZING DETAILS

TJH	RW	BY
2 12/08/03	ADD MULLED UNIT	
1 8/10/02	GENERAL REVISION	
NO.	DATE	REVISIONS



MOUNTING BRACKET TO MULLION  
ASSEMBLED DETAIL



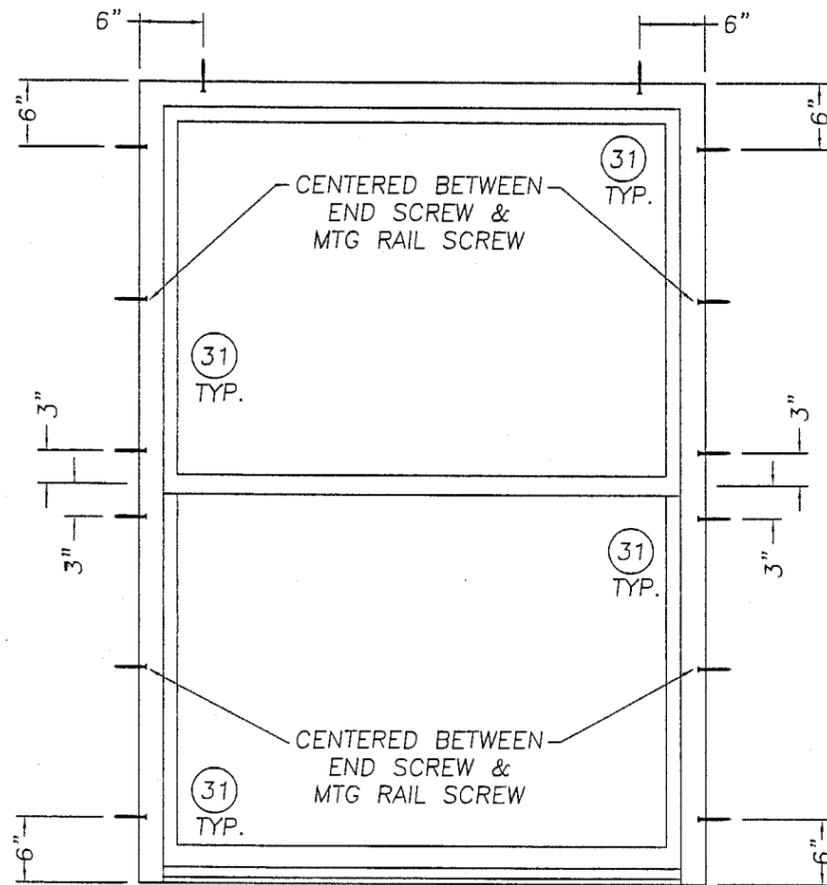
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No. 03-1210.06  
Expiration Date 09/05/07  
By Christie Bowen  
Miami Dade Product Control  
Division

DATE:	6/10/02
SCALE:	N.T.S.
DWG. BY:	WLN
CHK. BY:	RW
DRAWING NO.:	S-2248
SHEET	3 OF 6

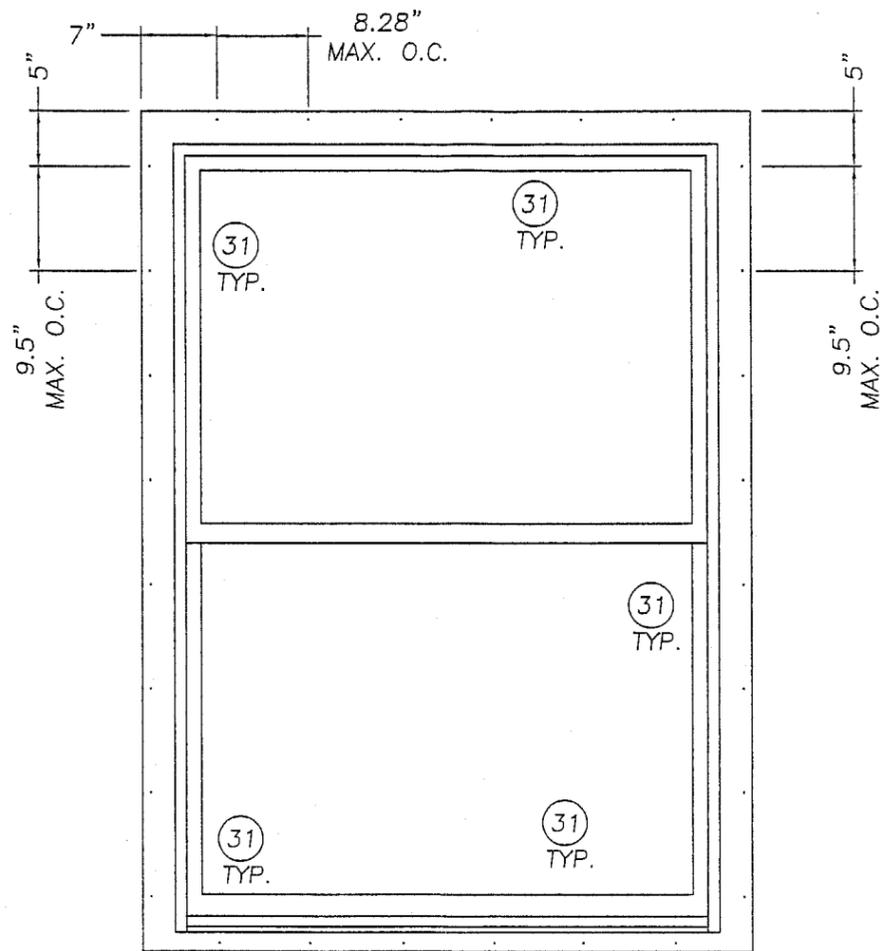
PRODUCT: EXTRUDED PVC  
SINGLE HUNG WINDOW  
UP TO 52" x 73"  
PART OR ASSEMBLY:  
HORIZONTAL CROSS SECTIONS &  
MULLION DETAIL

NO.	DATE	REVISIONS	BY
2	12/08/03	ADD MULLED UNIT	TJH
1	8/10/02	GENERAL REVISION	RW

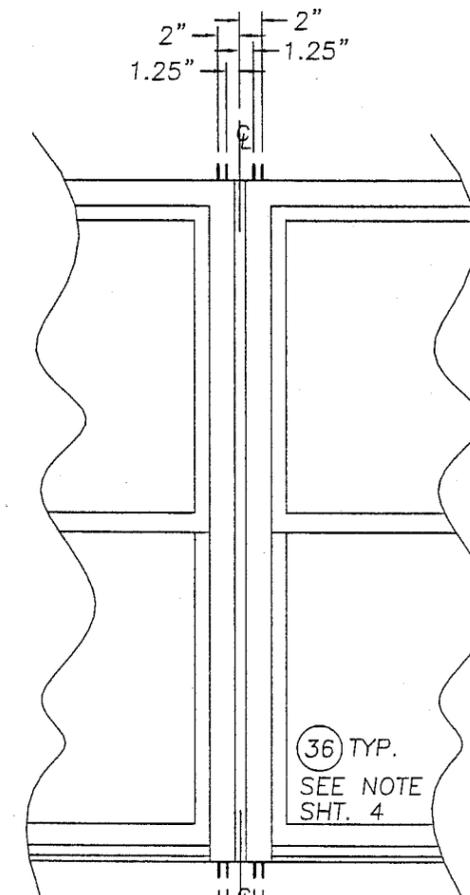
Product Approval Documents Prepared By:  
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BUILDING CONSULTANTS, INC.  
P.O. Box 230 Vairico FL. 33595  
Phone No.: 813.659.9197  
Florida Board of Professional Engineers  
Certificate Of Authorization No. 9813  
12/08/03  
Lyndon F. Schmidt, P.E. NO. 43409



SINGLE WINDOW UP TO 52" x 73"

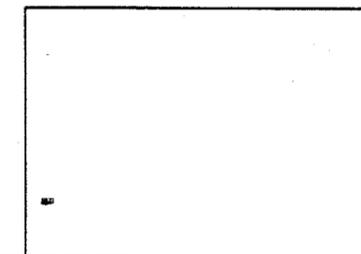


SINGLE WINDOW W/ NAIL FLANGE UP TO 52" x 73"



ANCHORING AT THE MULLION

NOTE:  
 THE ANCHOR SCREWS AT 1.25" AND 2" FROM THE FRAME CENTER LINE AT THE MULLION ARE ITEM #33, A # 10 x 1 1/2" PHILLIPS FLAT HEAD SHEET METAL SCREW AND ARE GOING THROUGH ITEM #31, THE BEAM MULLION MOUNTING BRACKET, AND GOING INTO THE SUB BUCK.

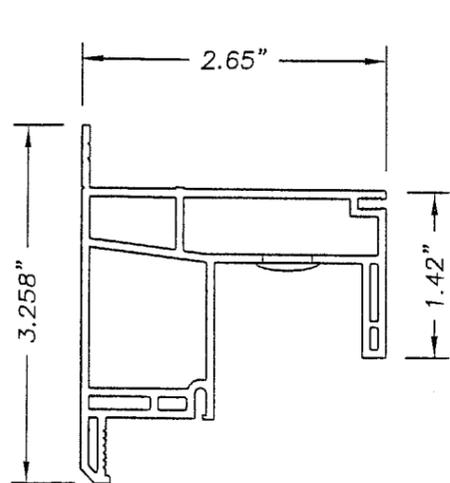


**PRODUCT REVISED**  
 as complying with the Florida Building Code  
 Acceptance No 03-1210.06  
 Expiration Date 09/03/07  
 By: *[Signature]*  
 Miami Dade Product Control Division

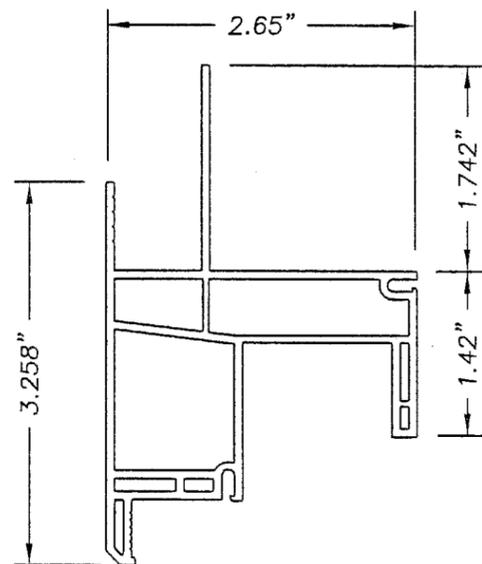
DATE:	6/10/02
SCALE:	N.T.S.
DWG. BY:	WLN
CHK. BY:	RW
DRAWING NO.:	S-2248
SHEET	4 OF 6

PRODUCT:	EXTRUDED PVC SINGLE HUNG WINDOW UP TO 52" x 73"	
PART OR ASSEMBLY:	ANCHORING LOCATIONS	
NO.	DATE	BY
2	12/08/03	TJH
1	8/10/02	RW
		BY

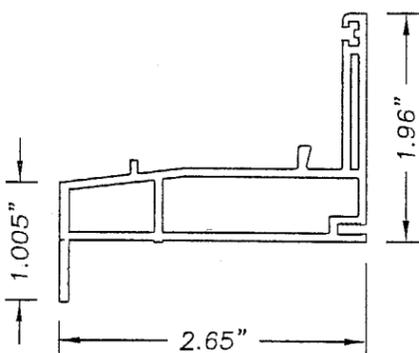
Product Approval Documents Prepared By:  
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 P.O. Box 230 Valrico FL 33595  
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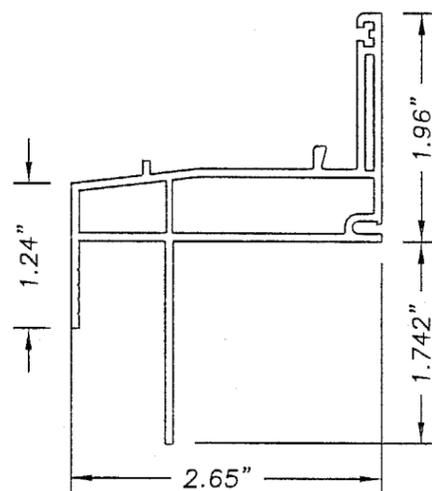
1 EXTRUDED PVC HEADER/ JAMB  
0.070" WALL THICKNESS



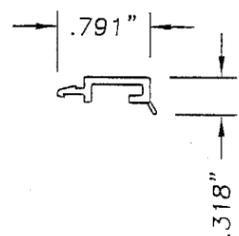
29 EXTRUDED PVC HEADER/ JAMB  
WITH NAIL FLANGE  
0.070" WALL THICKNESS



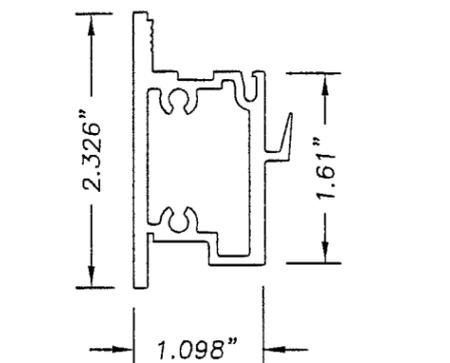
2 EXTRUDED PVC SILL  
0.070" WALL THICKNESS



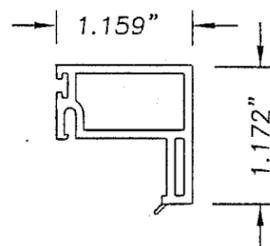
33 EXTRUDED PVC SILL  
WITH NAIL FLANGE  
0.070" WALL THICKNESS



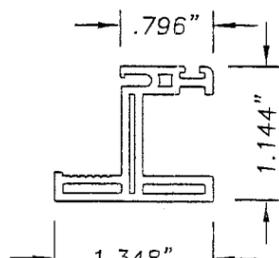
30 EXTRUDED PVC GLAZING BEAD  
(HORIZONTAL / VERTICAL)  
0.062" WALL THICKNESS



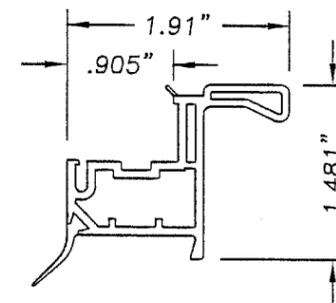
4 EXTRUDED PVC MEETING RAIL  
0.075" WALL THICKNESS



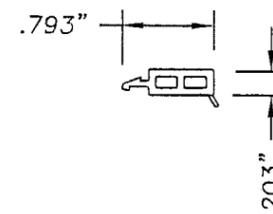
7 EXTRUDED PVC OPERABLE  
SASH TOP RAIL  
0.070" WALL THICKNESS



9 EXTRUDED PVC OPERABLE  
SASH STILE  
0.070" WALL THICKNESS



8 EXTRUDED PVC OPERABLE SASH  
BOTTOM RAIL W/ PULL HANDLE  
0.070" WALL THICKNESS



6 EXTRUDED PVC GLAZING BEAD  
(HORIZONTAL / VERTICAL)  
0.062" WALL THICKNESS

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No. 03-1210.06  
Expiration Date 09/05/07  
By Alfredo Lema  
Miami Dade Product Control  
Division

DATE: 6/10/02  
SCALE: N.T.S.  
DWG. BY: WLN  
CHK. BY: RW  
DRAWING NO.: S-2248  
SHEET 5 OF 6

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

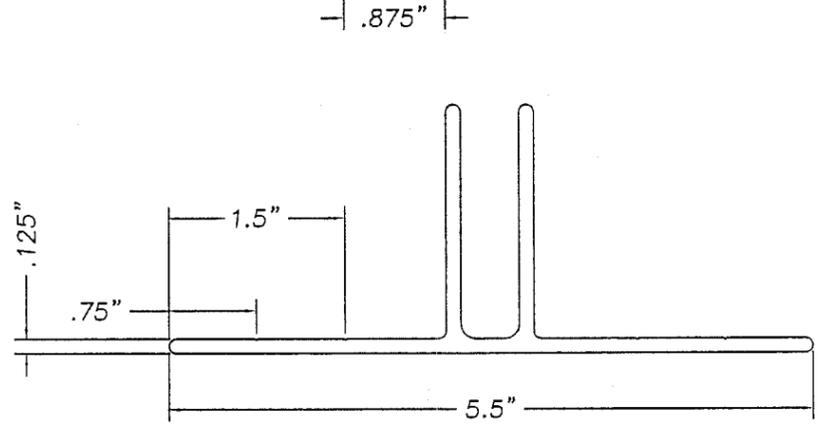
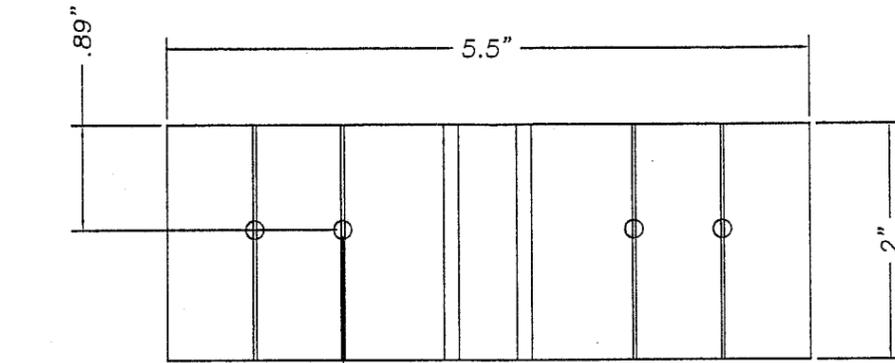
Certificate Of Authorization No. 9813

12/08/03  
Lyndon F. Schmidt, P.E. NO. 43409

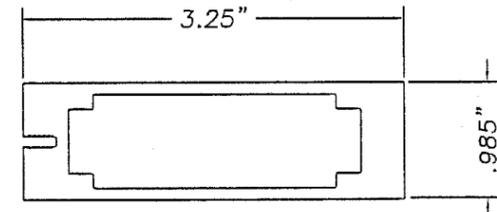
PRODUCT:  
EXTRUDED PVC  
SINGLE HUNG WINDOW  
UP TO 52" x 73"  
PART OR ASSEMBLY:  
UNIT COMPONENTS

NO.	DATE	REVISIONS	BY
2	12/08/03	ADD MULLED UNIT	TJH
1	8/10/02	GENERAL REVISION	RW

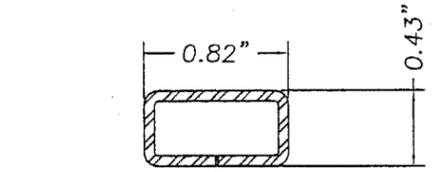
Item	DESCRIPTION	Material
1	EXTRUDED PVC MAIN FRAME #2751	PVC
2	EXTRUDED PVC SILL #2753	PVC
3	EXTRUDED PVC MEETING RAIL CAP #2706	PVC
4	EXTRUDED ALUMINUM MEETING RAIL #2707	ALUM.
5	EXTRUDED PVC GLAZING BEAD #3517 (INTERLOCK)	PVC
6	EXTRUDED PVC GLAZING BEAD #2317	PVC
7	EXTRUDED PVC TOP RAIL #2710	PVC
8	EXTRUDED PVC BOTTOM RAIL #2909	PVC
9	EXTRUDED PVC STILE #2908	PVC
10	OPERABLE SASH LOCK	
11	SASH KEEPER	STEEL
12	0.820" x 0.430" LOCK RAIL REINF. (0.06" GALVANIZED STL TUBE)	STEEL
13	WINDOW SCREEN	
14	2x WOOD BUCK	WOOD
15	1/4" SHIM MATERIAL	WOOD
16	SASH CARRIER (CUSTOM CRAFT PLASTIC #011)	PLASTIC
17	WEEP COVER BODY (CUSTOM CRAFT PLASTICS #264)	PLASTIC
18	WEEP COVER FLAP (CUSTOM CRAFT PLASTICS #265)	PLASTIC
19	3/8" PLUG (CUSTOM CRAFT PLASTIC #326)	PLASTIC
20	1/2" PLUG (CUSTOM CRAFT PLASTIC #476)	PLASTIC
21	WEATHERSTRIP .187 x .230 (ULTRAFAB #2023W )	
22	GLAZING 5/8" ANNEALED	GLASS
23	GLAZING COMPOUND (DOW #1199)	SILICONE
24	NOT USED	STEEL
25	#8 x 1/2" PHILLIPS PANHEAD SCREW	STEEL
26	#8 x 3/4" SELF TAPPING SCREW	STEEL
27	#10 x 1/2" PHILLIPS PANHEAD SCREW	STEEL
28	#6A x 3/4" PHILLIPS FLATHEAD SCREW	STEEL
29	EXTRUDED PVC MAIN FRAME WITH NAIL FLANGE #2701	PVC
30	EXTRUDED PVC GLAZING BEAD #2217	PVC
31	#10 x 1-1/2" SHEET METAL SCREW	STEEL
32	15 lbs. FELT	FELT
33	EXTRUDED PVC SILL WITH NAIL FLANGE #2703	PVC
34	EXTRUDED ALUM. BEAM MULLION SILVERLINE #2723 6063-T6	ALUM.
35	BEAM MULLION MOUNTING BRACKET SILVERLINE #2722 6063-T6	ALUM.
36	#10 x 1 1/2" PHILLIPS PANHEAD HEET METAL SCREW	STEEL



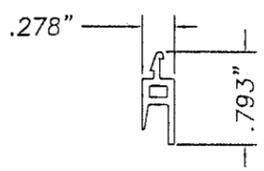
BEAM MULLION MOUNTING BRACKET  
SILVERLINE #2722 6063-T6 ALUM. (35)



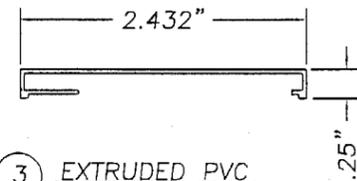
EXTRUDED ALUM. BEAM MULLION  
SILVERLINE #2723 6063-T6 ALUM. (34)



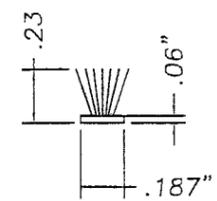
LOCK RAIL REINFORCEMENT  
0.06" GALVANIZED STEEL TUBE  
.015" GAP MAX. (12)



EXTRUDED PVC GLAZING BEAD  
0.062" WALL THICKNESS (5)



EXTRUDED PVC MEETING RAIL CAP  
0.035" WALL THICKNESS (3)



ULTRAFAB WEATHERSTRIP (21)

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  
12/08/03  
Lyndon F. Schmidt, P.E. NO. 43409

PRODUCT:  
EXTRUDED PVC  
SINGLE HUNG WINDOW  
UP TO 52" x 73"  
PART OR ASSEMBLY:  
BILL OF MATERIALS &  
UNIT COMPONENTS

NO.	DATE	REVISIONS
2	12/08/03	ADD MULLED UNIT
1	8/10/02	GENERAL REVISION

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No. 03-1210.06  
Expiration Date 09/05/07  
By: *Charles Beem*  
Miami Dade Product Control  
Division

DATE: 6/10/02  
SCALE: N.T.S.  
DWG. BY: WLN  
CHK. BY: RW  
DRAWING NO.: S-2248  
SHEET 6 OF 6