



**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  
P. O. Box 6029  
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 "2130/2180" PVC Fixed Window**

**APPROVAL DOCUMENT:** Drawing No. **S-2419**, dated 11/07/03 with revision 1 dated 12/12/03, titled "Silverline 2130/2180 Series Extruded PVC Fixed Window", sheets 1 through 5 of 5, prepared by Building Consultants, Inc., signed and sealed by Lyndon F. Schmidt, 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**

**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 **Theodore Berman, P.E.**

*MB*  
*1/7/2004*  


**NOA No 03-1117.02  
Expiration Date: January 29, 2009  
Approval Date: January 29, 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-2419**, dated 11/07/03 with revision 1 dated 12/12/03, titled "Silverline 2130/2180 Series Extruded PVC Fixed Window", sheets 1 through 5 of 5, prepared by Building Consultants, Inc., signed and sealed by Lyndon F. Schmidt, P.E.

**B. TESTS**

1. Test reports on 1) Air Infiltration Test, per TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per TAS 202-94  
3) Water Resistance Test, per 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 a series 2130/2180 PVC Fixed Window, prepared by Architectural Testing, Inc., Test Report No. **ATI-01-45598.01**, dated from 08/25/03 to 08/27/03, signed and sealed by Steven M. Urich, P.E.

**C. CALCULATIONS**

1. Anchor Calculations, ASTM-E1300-98, and structural analysis, prepared by R W Building Consultants, Inc., dated 11/06/03, signed and sealed by Lyndon F. Schmidt, P.E.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

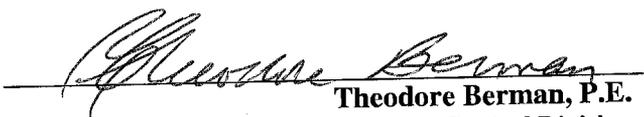
1. Notice of Acceptance No. **02-0523.01**, issued to Silver Line Building Products Corp. for "White Rigid PVC Exterior Extrusions for Windows and Doors" dated 08/15/02, expiring on 08/15/07.

**F. STATEMENTS**

1. Statement letter of conformance, dated 11/05/03, signed and sealed by Lyndon F. Schmidt, P.E.
2. Statement letter of no financial interest, dated 11/06/03, signed and sealed by Peter R. Thornton.

**G. OTHER**

1. Letter from the consultant stating that the product is in compliance with Florida Building Code (FBC).

  
Theodore Berman, P.E.

Deputy Director, Product Control Division

NOA No 03-1117.02

Expiration Date: January 29, 2009

Approval Date: January 29, 2004

# SilverLINE

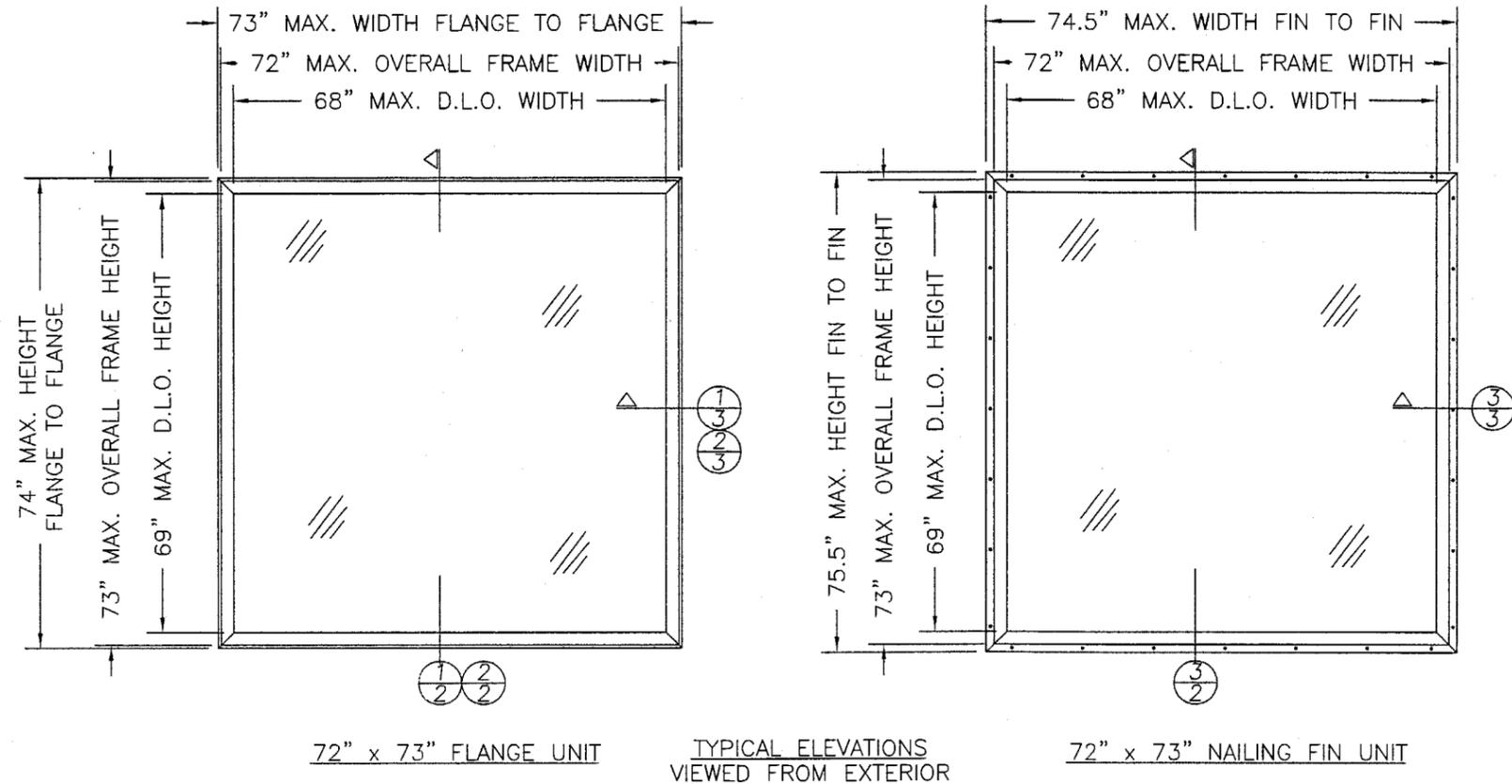
BUILDING PRODUCTS CORP.

1 SILVERLINE DRIVE NORTH BRUNSWICK, NJ 08902 PH. 732.435.1000

## 2130/2180 SERIES NON-IMPACT EXTRUDED PVC FIXED WINDOW WITH FLANGE OR NAILING FIN

### GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE "HVHZ" OF THE FLORIDA BUILDING CODE.
2. WOOD BUCKS BY OTHERS MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE 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. DESIGNED PRESSURE RATING SEE DESIGN PRESSURE RATING TABLE THIS SHEET.
5. THIS PRODUCT MEETS THE WATER REQUIREMENTS FOR "HIGH VELOCITY HURRICANE ZONES".
6. 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.



NOTE: NON-IMPACT WINDOWS THE LENGTH AND WIDTH PARAMETERS CAN CHANGE FROM ABOVE ELEVATIONS PROVIDING THE WIDTH RATIO AND LENGTH ASPECT RATIO ARE IN ACCORDANCE WITH ASTM E1300 AND THE TESTED D.L.O. SQUARE FOOTAGE DOES NOT EXCEED ALLOWABLES AS LISTED IN DESIGN PRESSURE TABLE.

DESIGN PRESSURE RATING TABLE

MAX. D.L.O.		GLASS TYPE	DESIGN PRESSURE RATING	
WIDTH	HEIGHT		POSITIVE	NEGATIVE
69.0"	68.0"	1/8" TEMP. - AIR - 1/8" TEMP.	+40.0 PSF	-50.0 PSF
69.0"	68.0"	5/32" ANNEALED - AIR - 5/32" ANNEALED	+30.0 PSF	-30.0 PSF
69.0"	68.0"	1/8" ANNEALED - AIR - 1/8" ANNEALED	+20.0 PSF	-20.0 PSF
53.0"	52.0"	1/8" ANNEALED - AIR - 1/8" ANNEALED	+35.0 PSF	-35.0 PSF

### TABLE OF CONTENTS

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

Approved as complying with the Florida Building Code  
 Date 01/29/04  
 NOA# 03-1113-02  
 Miami Code Product Control  
 By *Lyndon F. Schmidt*

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

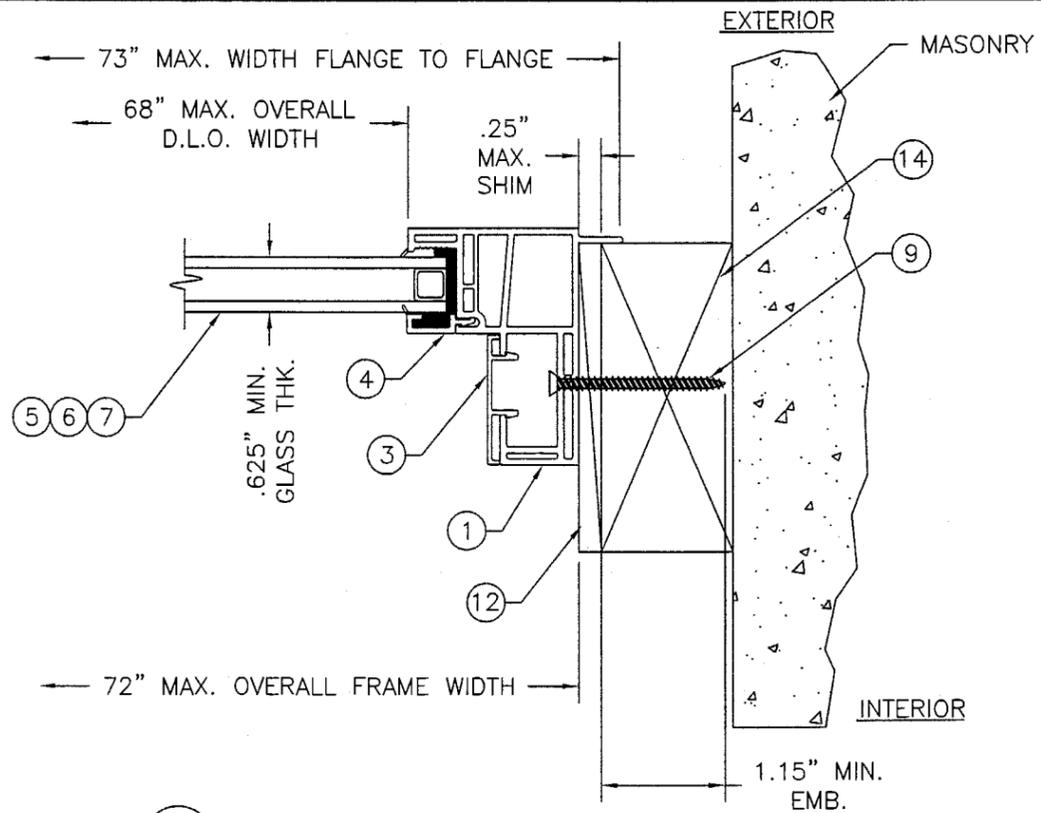
12/15/03  
 Lyndon F. Schmidt, P.E. NO. 43409

PRODUCT: SILVERLINE  
 2130/2180 SERISE  
 EXTRUDED PVC FIXED WINDOW  
 PART OR ASSEMBLY:  
 TYPICAL ELEVATIONS &  
 GENERAL NOTES

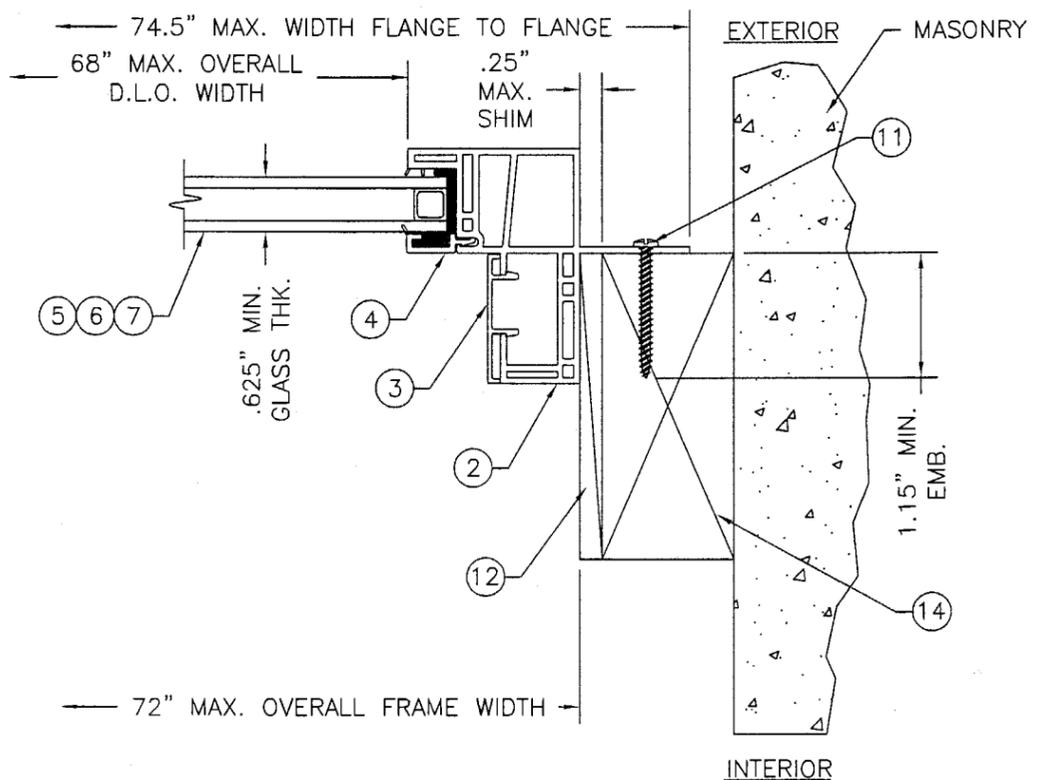
NO.	DATE	REVISE D.L.O. PARAMETERS	BY
1	12/12/03	REVISE D.L.O. PARAMETERS	RW

DATE: 11/07/03  
 SCALE: N.T.S.  
 DWG. BY: TJH  
 CHK. BY: RW  
 DRAWING NO.: S-2419  
 SHEET 1 OF 5

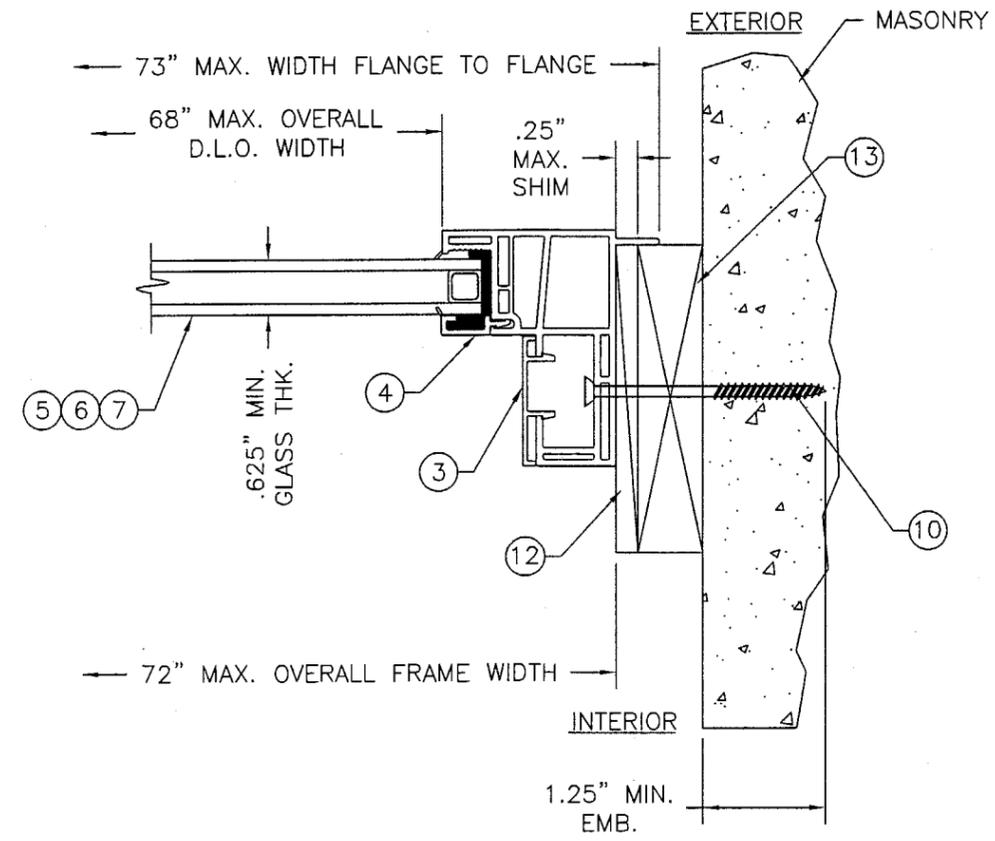




1  
3 HORIZONTAL CROSS SECTION  
FLANGE UNIT TO 2X BUCK



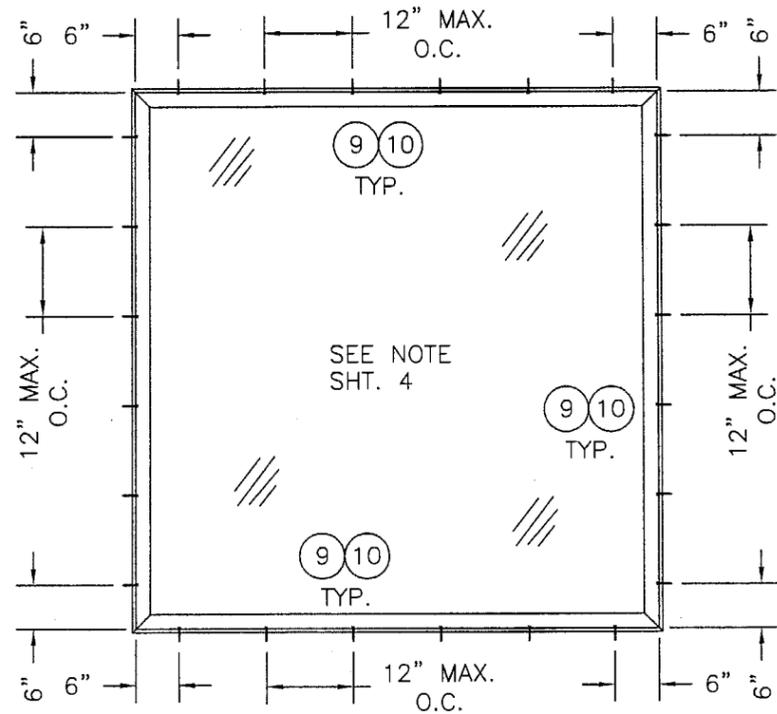
3  
3 HORIZONTAL CROSS SECTION  
NAIL FIN UNIT TO 2X BUCK



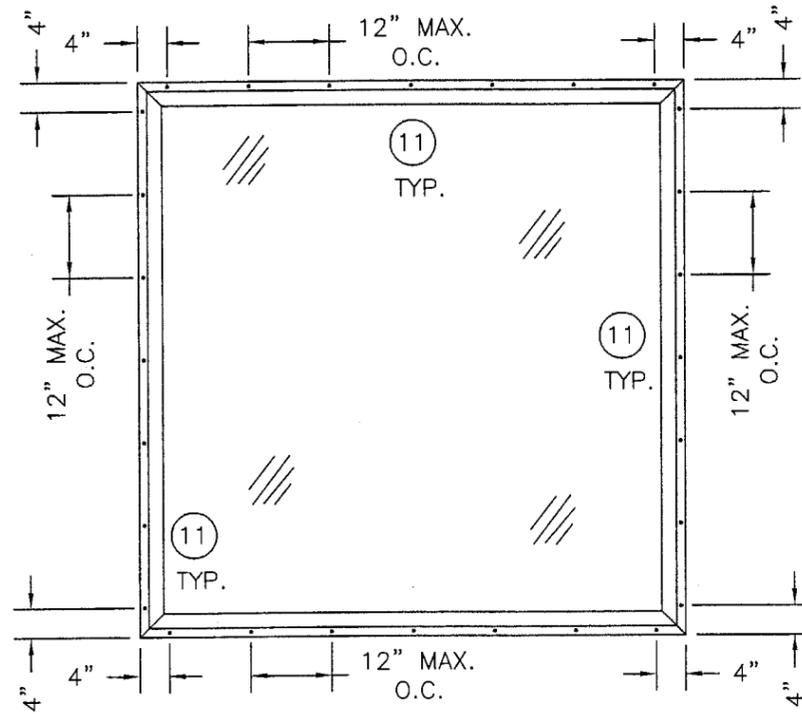
2  
3 HORIZONTAL CROSS SECTION  
FLANGE UNIT TO 1X BUCK

Approved as complying with the  
Florida Building Code  
Date 01/29/04  
NOAH 03-1117-02  
Miami Code Product Control  
Division  
By: *Glenn Beane*

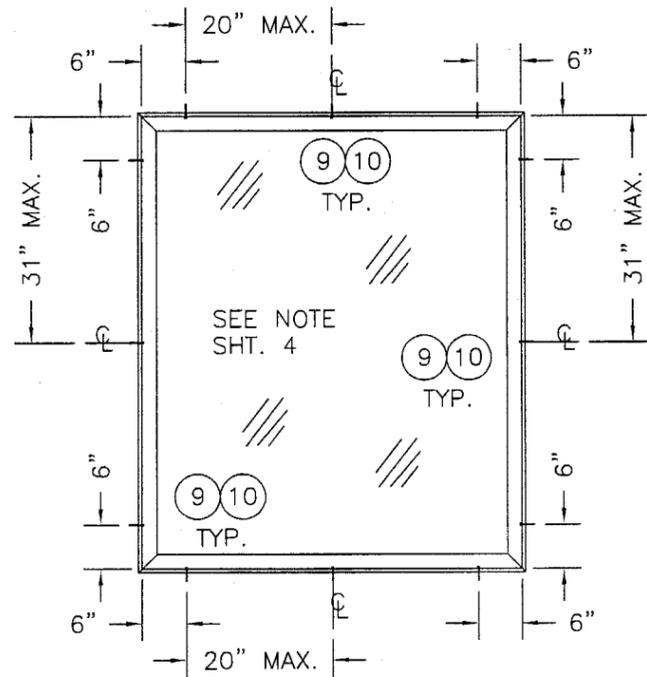
Product Approval Documents Prepared By: <b>RW</b> BUILDING CONSULTANTS, INC. P.O. Box 230 Valrico FL 33595 Phone No.: 813.659.9197 Florida, Board of Professional Engineers Certificate Of Authorization No. 9813 12/15/03 Lyndon F. Schmidt, P.E. NO. 43409		
PRODUCT:	SILVERLINE 2130/2180 SERISE EXTRUDED PVC FIXED WINDOW	
PART OR ASSEMBLY:	HORIZONTAL CROSS SECTIONS	
NO.	DATE	REVISIONS
1	12/12/03	REVISE D.L.O. PARAMETERS
3		
DATE:	11/07/03	
SCALE:	N.T.S.	
DWG. BY:	TJH	
CHK. BY:	RW	
DRAWING NO.:	S-2419	
SHEET	3	OF 5



FROM 52" x 62" UP TO  
72" x 73" FLANGE UNIT  
ANCHORING LOCATIONS



UP TO 72" x 73" NAILING FIN UNIT  
ANCHORING LOCATIONS



UP TO 52" x 62" FLANGE UNIT  
ANCHORING LOCATIONS

NOTE: WHEN ANCHORING THE FLANGE UNIT TO A 2X BUCK, USE ITEM # 9, A #8 x 2" PHILLIPS FLAT HEAD SHEET METAL SCREW. WHEN ANCHORING THE FLANGE UNIT TO A 1X BUCK AND MASONRY, USE ITEM #10, A 3/16" x 2 3/4" PHILLIPS FLAT HEAD TAPCON.

Approved as complying with the  
Florida Building Code  
Date 01/29/04  
NOAH 03-1117.02  
Miami Trade Product Control  
Division  
By: *[Signature]*

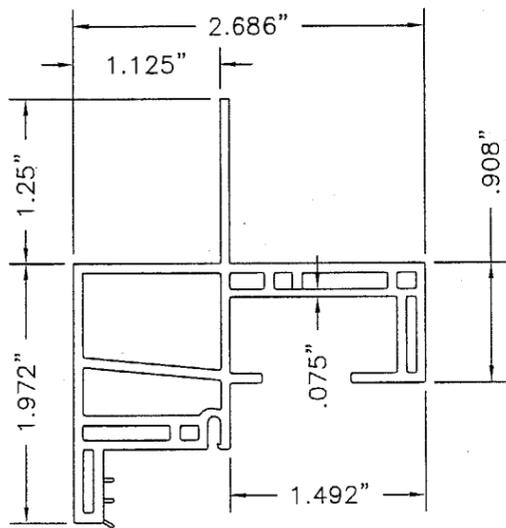
Product Approval Documents Prepared By:  
**RW**  
BUILDING CONSULTANTS, INC.  
P.O. Box 230 Vairico FL 33595  
Phone No.: 813.659.9197  
Florida Board of Professional Engineers  
Certificate Of Authorization No. 9813  
12/15/03  
Lyndon F. Schmidt, P.E. NO. 43409

PRODUCT:  
SILVERLINE  
2130/2180 SERISE  
EXTRUDED PVC FIXED WINDOW  
PART OR ASSEMBLY:  
ANCHORING LOCATIONS

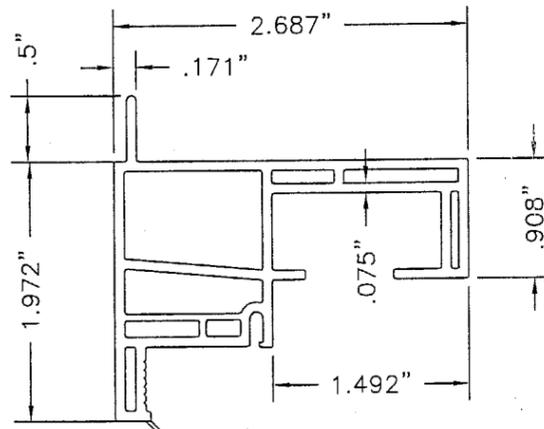
NO.	DATE	REVISE	D.L.O.	PARAMETERS	RW	BY
1	12/12/03	REVISE	D.L.O.	PARAMETERS	RW	BY

DATE: 11/07/03  
SCALE: N.T.S.  
DWG. BY: TJH  
CHK. BY: RW  
DRAWING NO.: S-2419  
SHEET 4 OF 5

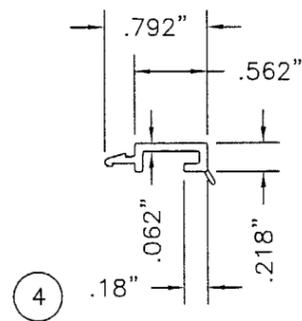
BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
1	EXTRUDED VINYL PVC FIXED WINDOW FRAME WITH FLANGE BY SILVERLINE #2101 (0.075" WALL THK.)	VINYL
2	EXTRUDED VINYL PVC FIXED WINDOW FRAME WITH NAILING FIN BY SILVERLINE #2151 (0.075" WALL THK.)	VINYL
3	EXTRUDED VINYL PVC FIXED WINDOW SNAP-IN TRIM BY SILVERLINE #2213 (0.050" WALL THK.)	VINYL
4	EXTRUDED VINYL PVC FIXED WINDOW GLAZING BEAD BY SILVERLINE #2217 (0.062" WALL THK.)	VINYL
5	5/8" INSULATED TEMPERED GLASS W/1/8" THK. TEMP. GLASS	-
6	5/8" INSULATED ANNEALED GLASS W/4mm ANN. GLASS	-
7	5/8" INSULATED ANNEALED GLASS W/3mm ANN. GLASS	-
8	GLAZING COMPOUND DOW #1199 SILICONE	SILICONE
9	#8 x 2" PHILLIPS FLAT HEAD SHEET METAL SCREW	STEEL
10	3/16" x 2 3/4" PHILLIPS FLAT HEAD ELCO TAPCON	STEEL
11	#8 x 1 1/2" PHILLIPS PAN HEAD SHEET METAL SCREW	STEEL
12	1/4" MAX. SHIM MATERIAL	-
13	1X WOOD SUB BUCK	WOOD
14	2X WOOD SUB BUCK	WOOD



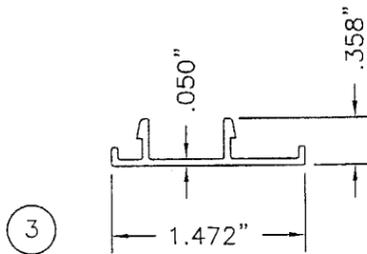
2 FIXED WINDOW FRAME W/ NAILING FIN  
EXTRUDED PVC VINYL BY SILVERLINE #2151



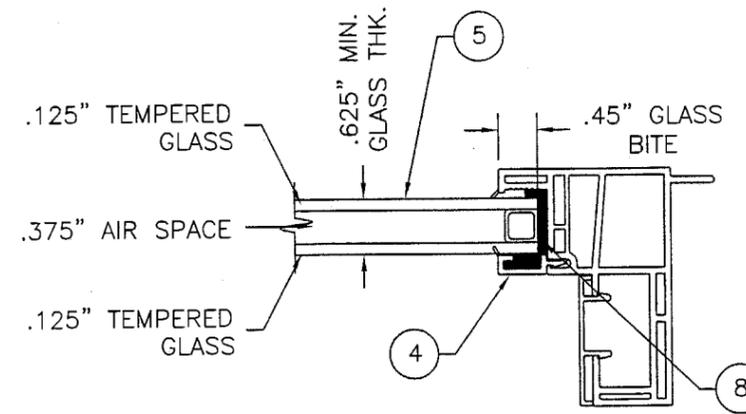
1 FIXED WINDOW FRAME W/ FLANGE  
EXTRUDED PVC VINYL BY SILVERLINE #2101



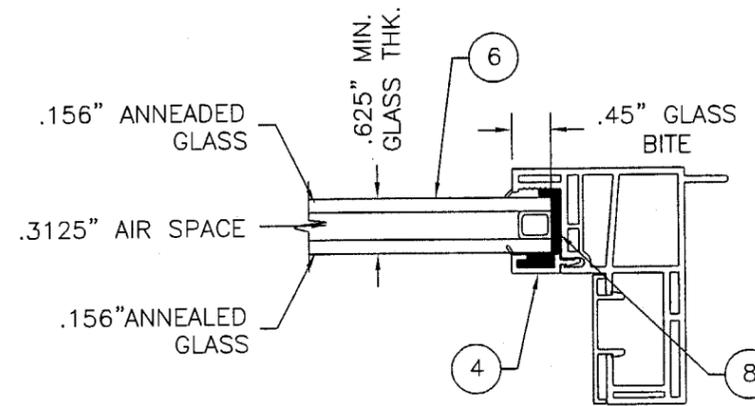
4 FIXED WINDOW GLAZING BEAD  
EXTRUDED VINYL PVC BY SILVERLINE #2217



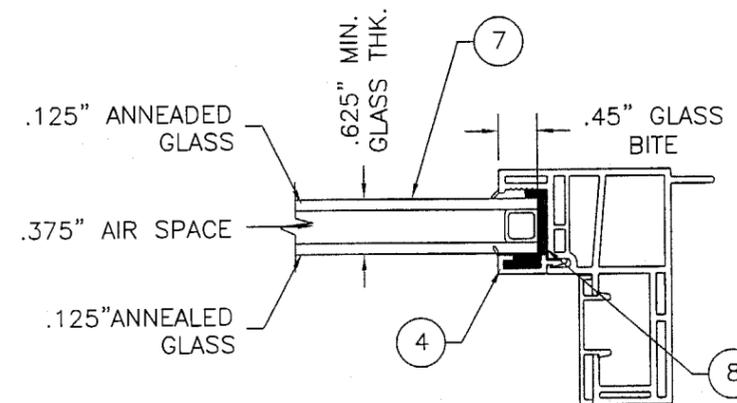
3 FIXED WINDOW SNAP-IN TRIM  
EXTRUDED VINYL PVC BY SILVERLINE #2213



5/8" INSULATED TEMPERED GLASS  
GLAZING DETAIL W/ 1/8" TEMP.



4mm INSULATED ANNEALED GLASS  
GLAZING DETAIL W/ 5/32" ANNEALED



3mm INSULATED ANNEALED GLASS  
GLAZING DETAIL W/ 1/8" ANNEALED

Approved as complying with the  
Florida Building Code  
Date 01/29/04  
NOAR 02-1117-02  
Miami Dade Product Control  
Division  
By *[Signature]*

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  
12/15/03  
Lyndon F. Schmidt, P.E. NO. 43409

PRODUCT:  
SILVERLINE  
2130/2180 SERISE  
EXTRUDED PVC FIXED WINDOW  
PART OR ASSEMBLY:  
BILL OF MATERIALS, GLAZING  
DETAILS & COMPONENTS

NO.	DATE	REVISIONS
1	12/12/03	REVISE D.L.O. PARAMETERS
		BY

DATE: 11/07/03  
SCALE: N.T.S.  
DWG. BY: TJH  
CHK. BY: RW  
DRAWING NO.: S-2419  
SHEET 5 OF 5