



**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
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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series 2100 Extruded PVC Single Hung Window

APPROVAL DOCUMENT: Drawing No. **S-2375**, dated 06/15/02, with revision #1 dated 08/06/03, titled "Extruded PVC Single Hung Window up to 52" x 62", sheets 1 through 4, prepared by R. W. Building Consultants, Inc., 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 as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



**NOA No 03-0630.03
Expiration Date: September 18, 2008
Approval Date: September 18, 2003
Page 1**

Silver Line Building Products Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **S-2375**, dated 06/15/02, with revision #1 dated 08/06/03, titled "Extruded PVC Single Hung Window up to 52" x 62", sheets 1 through 4, prepared by R. W. Building Consultants, Inc.

B. TESTS

1. Test reports on 1) Air Infiltration Test, per FBC, PA 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 2411.3.2.1 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-01-44453.01** dated 06/09/03, signed and sealed by Joseph A. Reed, P.E.

C. CALCULATIONS

1. Anchor Calculations and structural analysis, dated 06/13/03, prepared, signed and sealed by Lyndon F. Schmidt, P.E.

D. MATERIAL CERTIFICATIONS

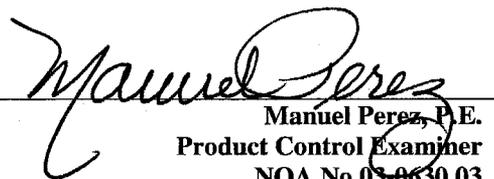
1. Notice of Acceptance No. **02-0523.01** issued to Silverline Building Products Corporation for "White Rigid PVC Exterior Extrusions for Windows and Doors" dated 08/15/02, expiring on 08/15/07.

E. STATEMENTS

1. Statement letter of conformance and no financial interest, dated July 13, 2003, signed and sealed by Lyndon F. Schmidt, P.E.
2. Statement letter of no financial interest, dated June 09, 2003, signed by Peter R. Thornton, Director of Engineering for Silver Line Building Products.
3. Letter stating that Rick Wright of R. W. Building Consultants has been contracted to represent Silver Line Building Products, dated June 09, 2002, signed by Peter R. Thornton, Director of Engineering for Silver Line Building Products.

F. Other

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


Manuel Perez, P.E.
Product Control Examiner
NOA No 03-0630.03

Expiration Date: September 18, 2008

Approval Date: September 18, 2003

SILVER LINE BUILDING PRODUCTS CORP.

MODEL SERIES 2100
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. THIS PRODUCT REQUIRES FLORIDA BUILDING CODE APPROVED IMPACT RESISTANT SHUTTERS TO COMPLY WITH "HIGH VELOCITY HURRICANE ZONES" OF THE FLORIDA BUILDING CODE.
6. THIS PRODUCT MEETS THE WATER REQUIREMENTS FOR HIGH VELOCITY HURRICANE ZONES.

SINGLE HUNG WINDOW CONSTRUCTION

(Common to all conditions)

Frame and Sash Construction:

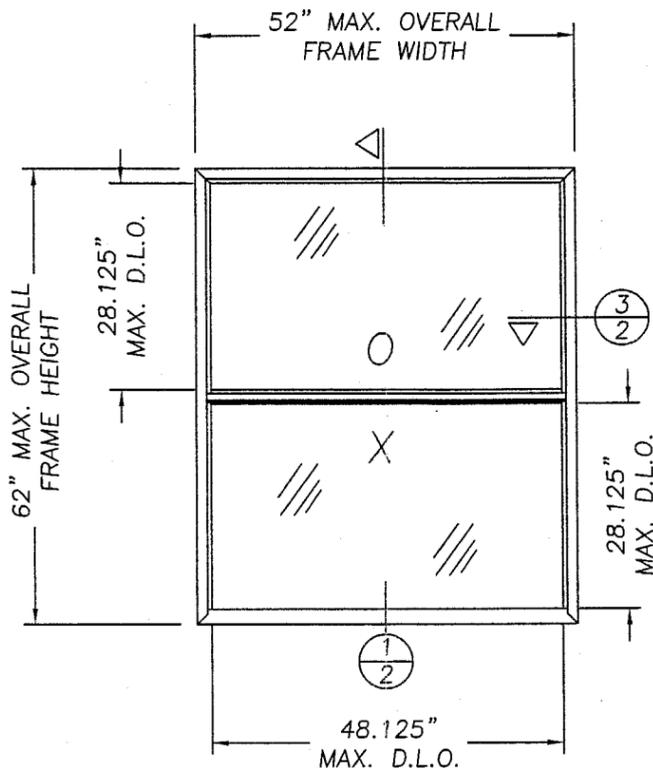
The frame and sash was constructed of extruded PVC members with mitered and welded corners. The fixed meeting rails were butted, sealed and fastened at each end to a molded plastic block with one #8 x 5/8" screw each end. The molded plastic blocks were secured to each jamb with two #8 x 1" screws. The fixed meeting rail, lock rail, bottom lift rail & sash stiles were reinforced with formed steel U-channels.

Glazing:

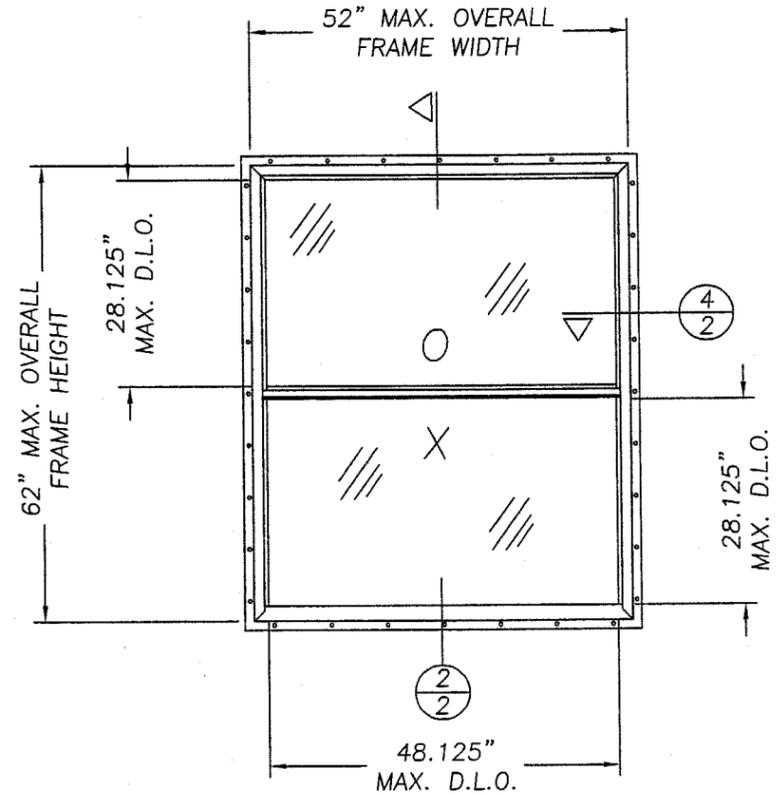
The window utilized two 5/8" thick sealed insulating glass units fabricated from two sheets of 1/8" thick clear annealed glass and an intercept spacer system. The fixed lite was interior glazed onto Dow 1199 silicone bedding and secured with dual durometer PVC glazing beads. The active sash was exterior glazed into Dow 1199 silicone bedding and secured with dual durometer PVC glazing beads. Glazing bite was 0.450".

TABLE OF CONTENTS

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



52" x 62" SINGLE WINDOW:
SASH SIZE: 50.125" x 30.625"
DAYLITE OPENING SIZE: 48.125" x 28.125"



52" x 62" SINGLE WINDOW W/NAILING FLANGE:
SASH SIZE: 50.125" x 30.625"
DAYLITE OPENING SIZE: 48.125" x 28.125"

DESIGN PRESSURE RATING

UNIT TYPE	GLASS TYPE	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED
SINGLE UNIT UP TO 52" x 62"	5/8" INSULATED GLASS 1/8" ANNEALED - 3/8" AIR - 1/8" ANNEALED	+35.0 psf -35.0 psf
SINGLE UNIT UP TO 45" x 62"	5/8" INSULATED GLASS 1/8" ANNEALED - 3/8" AIR - 1/8" ANNEALED	+40.0 psf -40.0 psf
SINGLE UNIT UP TO 40" x 62"	5/8" INSULATED GLASS 1/8" ANNEALED - 3/8" AIR - 1/8" ANNEALED	+45.0 psf -45.0 psf
SINGLE UNIT UP TO 36" x 62"	5/8" INSULATED GLASS 1/8" ANNEALED - 3/8" AIR - 1/8" ANNEALED	+50.0 psf -50.0 psf

Approved as complying with the
Florida Building Code
Date SEPT. 18, 2003
NOAH 03-0630-03
Miami Dade Product Control
Division
By [Signature]

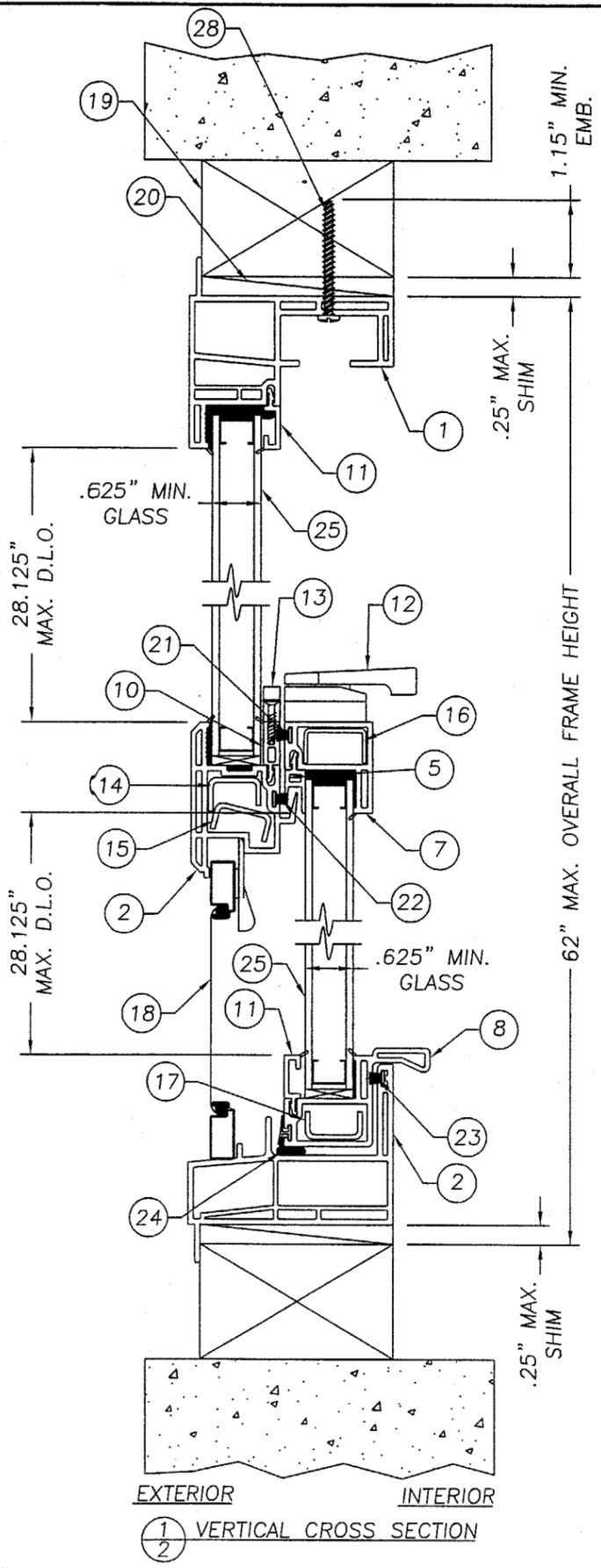
Silverline Building Products Corp.
One Silverline Drive
North Brunswick, NJ 08902
PH. 732.435.1000

PRODUCT: EXTRUDED PVC
SINGLE HUNG WINDOW
UP TO 52" x 62"
PART OR ASSEMBLY:
GENERAL NOTES &
TYPICAL ELEVATIONS

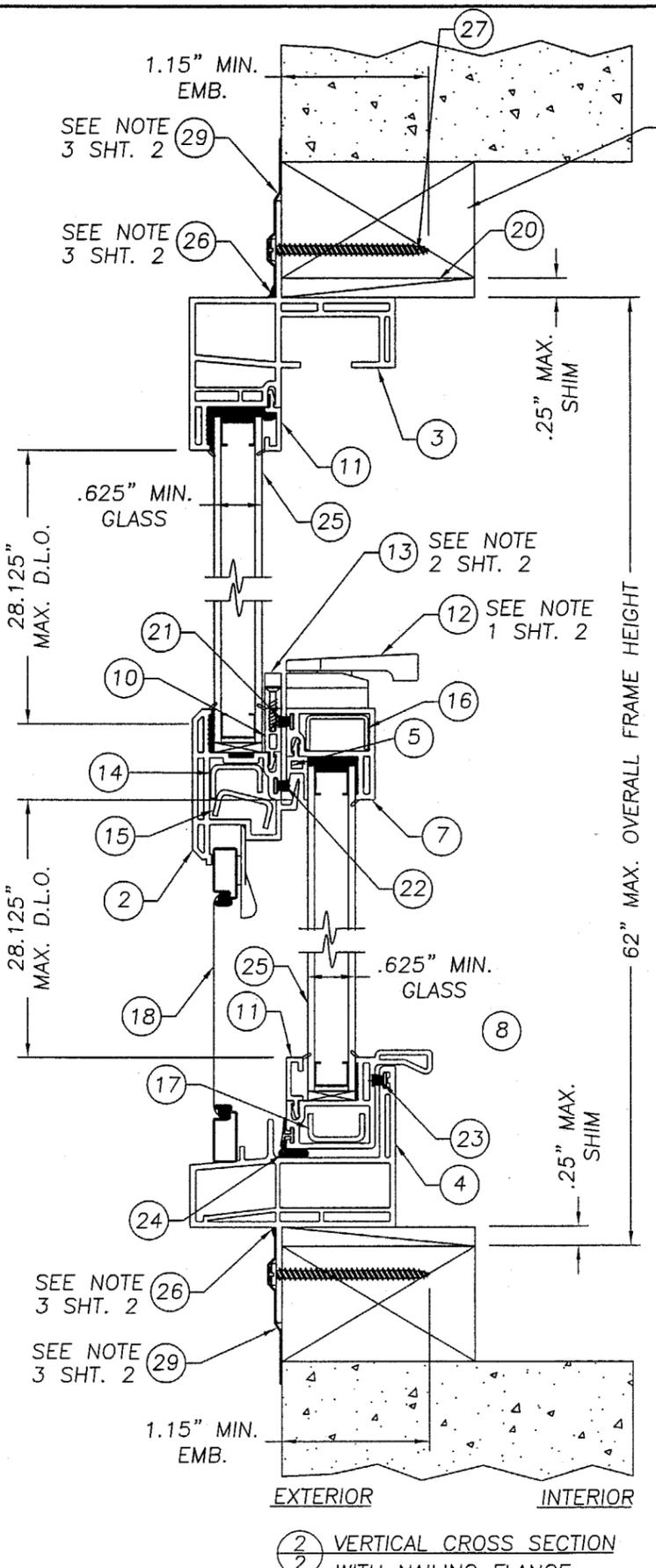
NO.	DATE	REVISE ANCHORING	BY	REVISIONS
1	8/06/03		RW	

RW BUILDING
CONSULTANTS, INC.
813.659.9197

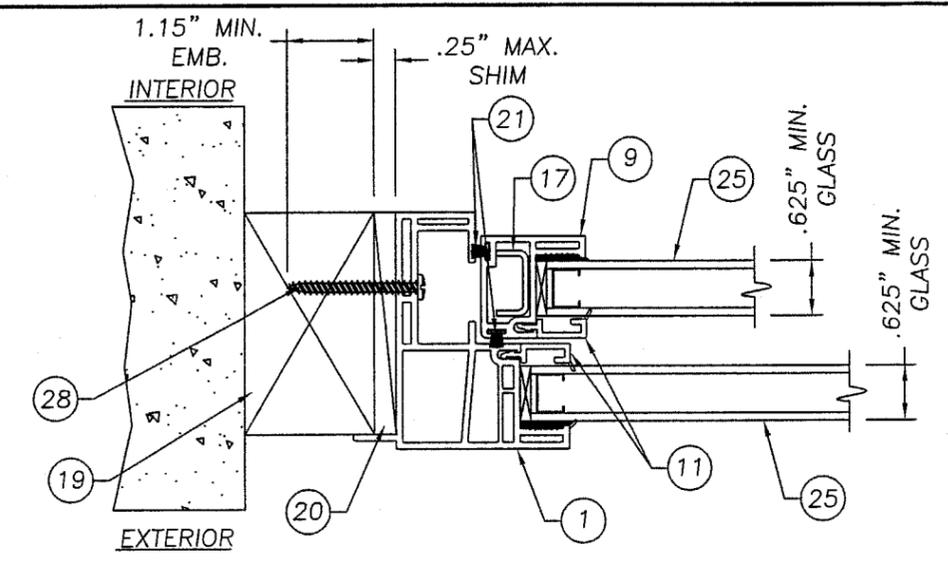
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SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.:
S-2375
SHEET 1 OF 4



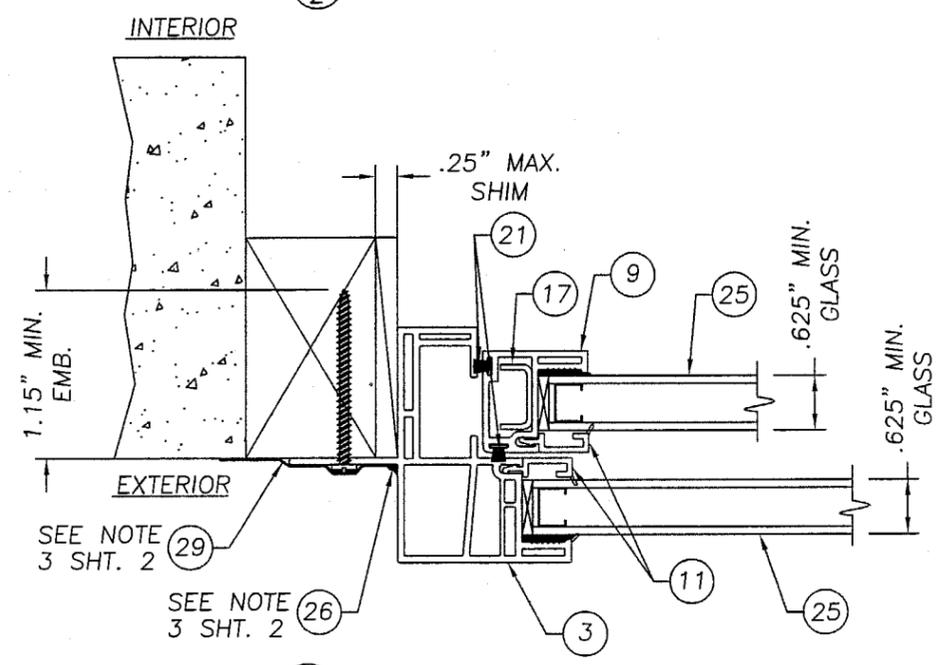
1 VERTICAL CROSS SECTION



2 VERTICAL CROSS SECTION WITH NAILING FLANGE



3 HORIZONTAL CROSS SECTION



4 HORIZONTAL CROSS SECTION WITH NAILING FLANGE

- 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. ALL LOOSE EDGES OF THE FELT MUST BE SEALED WITH SILICONE.

Approved as complying with the Florida Building Code
 Date: **SEPT. 16, 2003**
 NOAH 03-0630.03
 Miami Dade Product Control Division
 By: *Mauro Jery*

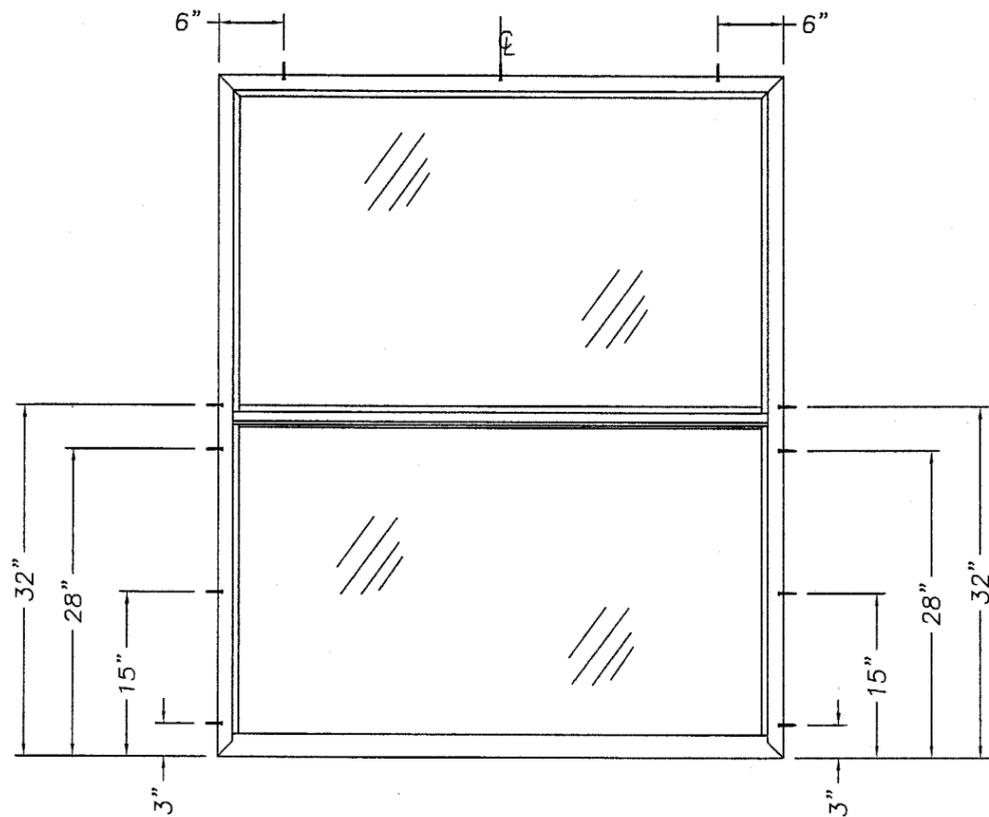
Silverline Building Products Corp.
 One Silverline Drive
 North Brunswick, NJ 08902
 PH. 732.435.1000

PRODUCT: EXTRUDED PVC SINGLE HUNG WINDOW UP TO 52" x 62"
 PART OR ASSEMBLY: VERTICAL & HORIZONTAL CROSS SECTIONS

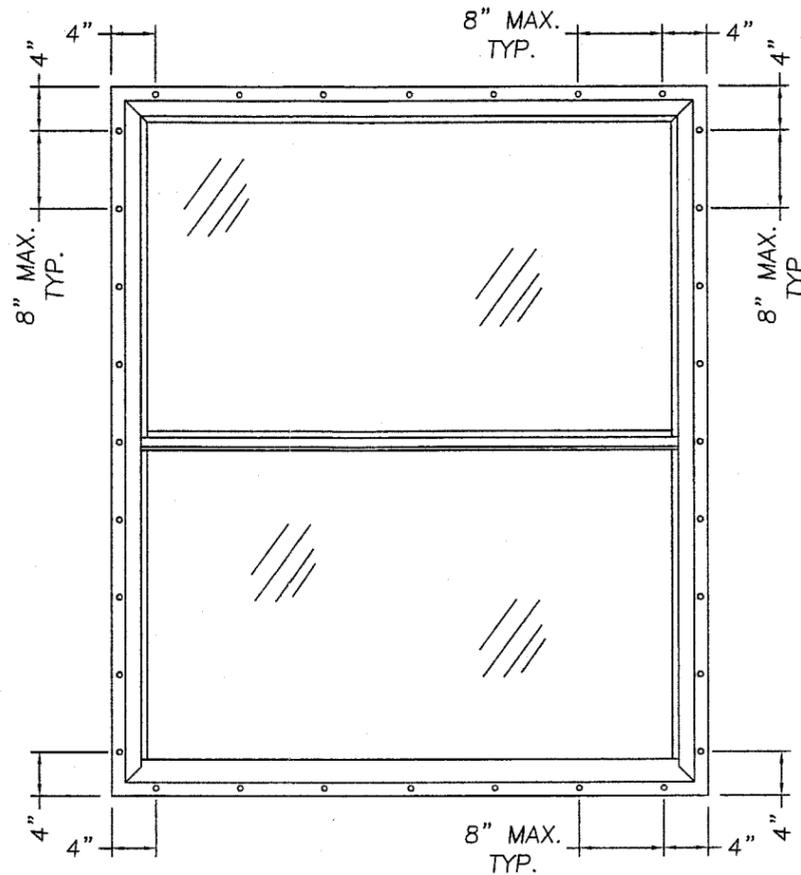
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1	8/06/03	REVISE ANCHORING	RW

RW BUILDING CONSULTANTS, INC.
 813.659.9197

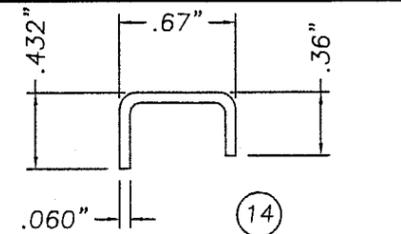
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 CHK. BY: RW
 DRAWING NO.: S-2375
 SHEET 2 OF 4



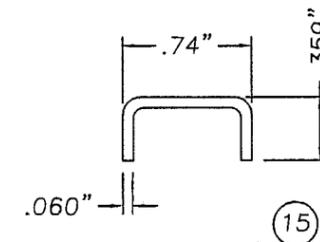
SINGLE WINDOW UP TO 52" x 62"



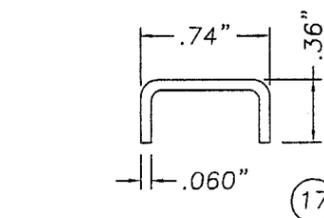
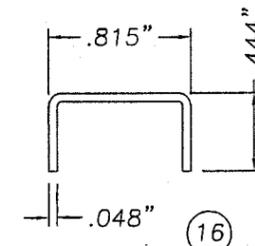
SINGLE WINDOW UP TO 52" x 62" W/NAILING FLANGE



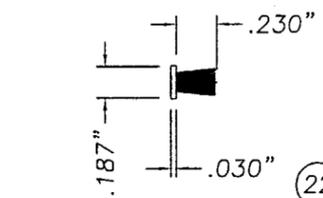
FIXED MEETING RAIL REINF. TOP GALVANIZED STEEL



LOCK RAIL REINF. GALVANIZED STEEL

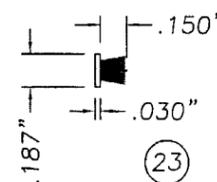


WEATHERSTRIP PILE W/FIN LOCK RAIL & SASH, BY ULTRAFAB

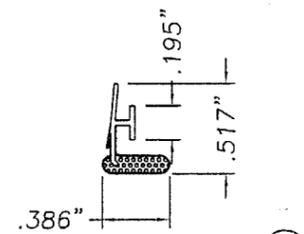


WEATHERSTRIP PILE W/FIN FIXED MEETING RAIL, BY ULTRAFAB

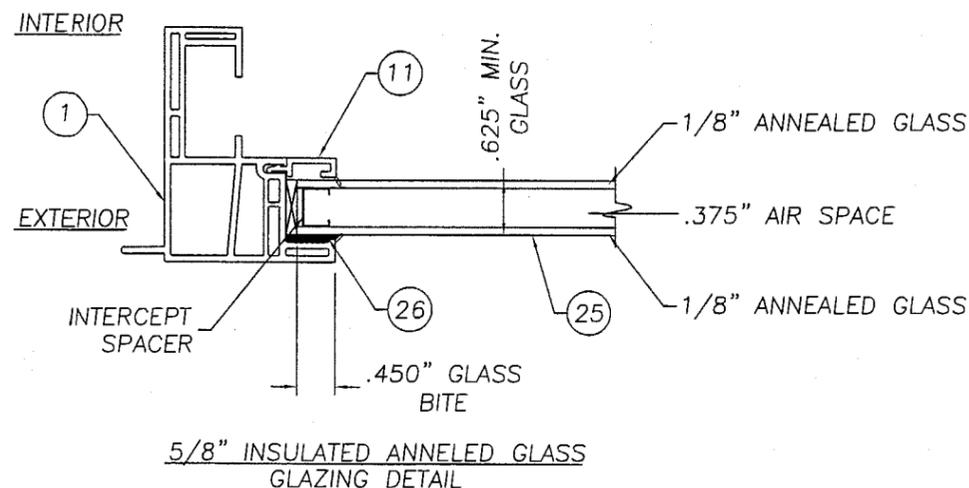
BOTTOM LIFT RAIL & SASH REINF. GALVANIZED STEEL



WEATHERSTRIP PILE W/FIN SILL, BY ULTRAFAB



WEATHERSTRIP VINYL BULB FIXED MEETING RAIL BY AMESBURY



5/8" INSULATED ANNEALED GLASS GLAZING DETAIL

Silverline Building Products Corp.
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 North Brunswick, NJ 08902
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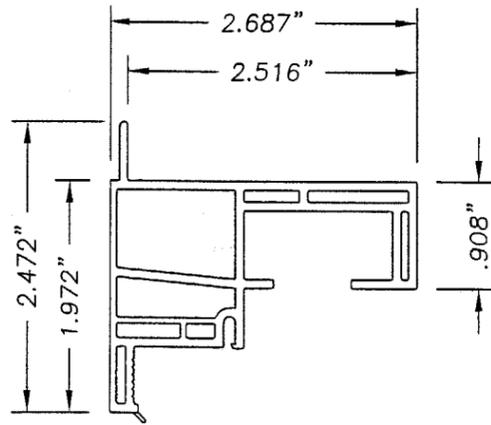
PRODUCT: EXTRUDED PVC
 SINGLE HUNG WINDOW
 UP TO 52" x 62"
 PART OR ASSEMBLY:
 ANCHORING LOCATIONS,
 GLAZING DETAIL & COMPONENTS

NO.	DATE	REVISE ANCHORING	RW	BY
1	8/06/03			

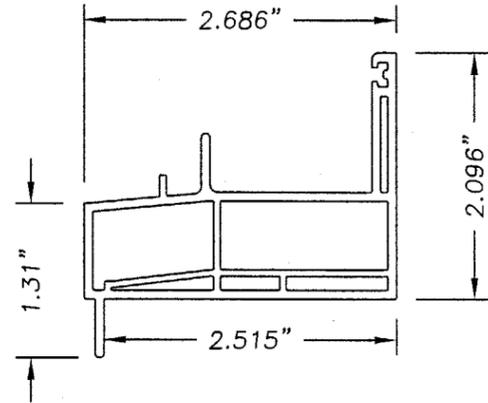
RW BUILDING CONSULTANTS, INC.
 813.659.9197

Approved as complying with the Florida Building Code
 Date **SEPT. 18, 2003**
 NOAS **03-0630.03**
 Miami Dade Product Control
 Division
 By *Manuel Perez*

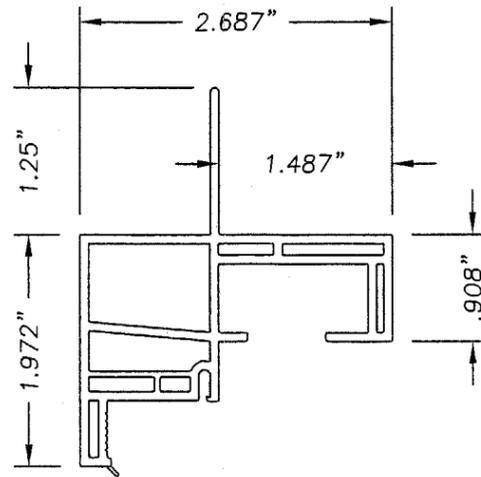
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 SCALE: N.T.S.
 DWG. BY: TJH
 CHK. BY: RW
 DRAWING NO.: S-2375
 SHEET 3 OF 4



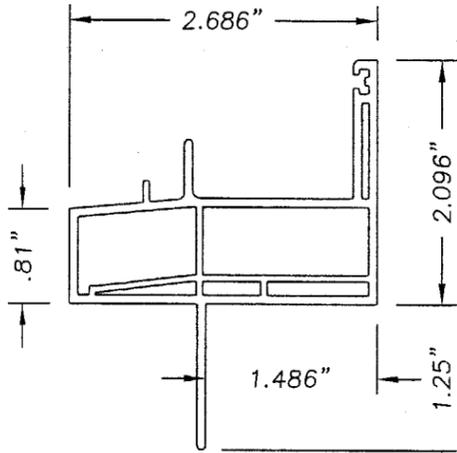
1 EXTRUDED PVC MAIN FRAME (FLANGE TYPE) 0.075" WALL THICKNESS



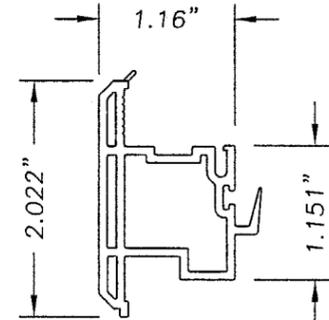
2 EXTRUDED PVC SILL (FLANGE TYPE) 0.075" WALL THICKNESS



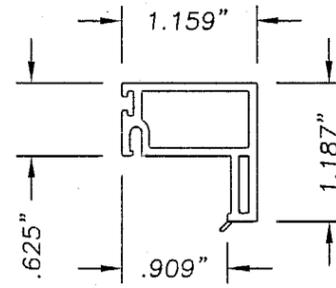
3 EXTRUDED PVC MAIN FRAME (NAILING FLANGE TYPE) 0.075" WALL THICKNESS



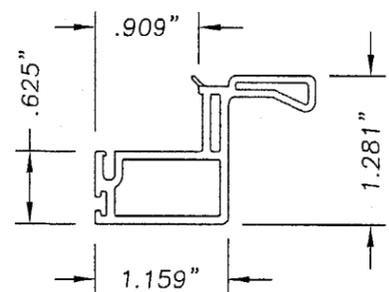
4 EXTRUDED PVC SILL (NAILING FLANGE TYPE) 0.070" WALL THICKNESS



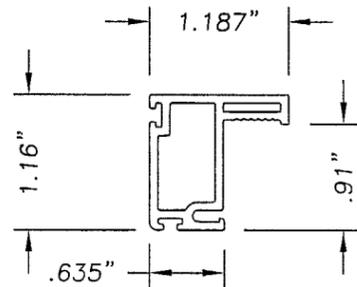
6 EXTRUDED PVC MEETING RAIL 0.070" WALL THICKNESS



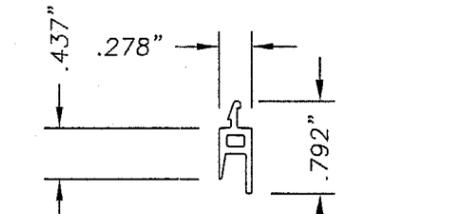
7 EXTRUDED PVC TOP RAIL 0.070" WALL THICKNESS



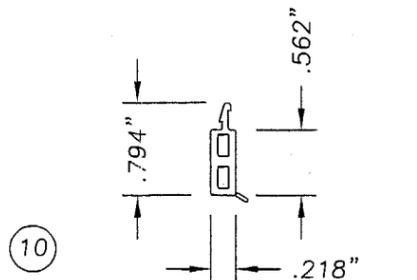
8 EXTRUDED PVC BOTTOM LIFT RAIL 0.070" WALL THICKNESS



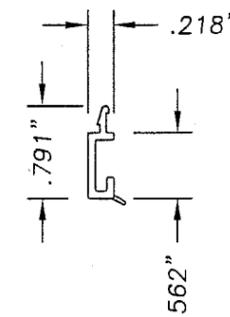
9 EXTRUDED PVC STILE 0.070" WALL THICKNESS



5 EXTRUDED PVC GLAZING BEAD (INTERLOCK) 0.062" WALL THICKNESS



10 EXTRUDED PVC GLAZING BEAD (KEEPER) 0.062" WALL THICKNESS



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

Item	DESCRIPTION	Material
1	EXTRUDED PVC MAIN FRAME (FLANGE TYPE) #2111	PVC
2	EXTRUDED PVC SILL (FLANGE TYPE) #2113	PVC
3	EXTRUDED PVC MAIN FRAME (NAIL FLANGE TYPE) #2161	PVC
4	EXTRUDED PVC SILL (NAIL FLANGE TYPE) #2163	PVC
5	EXTRUDED PVC GLAZING BEAD (INTERLOCK) #3557	PVC
6	EXTRUDED PVC MEETING RAIL #2167	PVC
7	EXTRUDED PVC TOP RAIL #2908	PVC
8	EXTRUDED PVC BOTTOM LIFT RAIL #2806	PVC
9	EXTRUDED PVC STILE #2905	PVC
10	EXTRUDED PVC GLAZING BEAD (KEEPER) #2317	PVC
11	EXTRUDED PVC GLAZING BEAD (VERT. & HORT.) #2217	PVC
12	OPERABLE SASH LOCK	
13	SASH KEEPER #2240	STEEL
14	FIXED MEETING RAIL REINF. (TOP) 0.060" GALV. STL.	STEEL
15	FIXED MEETING RAIL REINF. (BOTTOM) 0.060" GALV. STL.	STEEL
16	LOCK RAIL REINF. 0.048" GALV. STL.	STEEL
17	BOTTOM LIFT RAIL & SASH REINF. 0.060" GALV. STL.	STEEL
18	WINDOW SCREEN	
19	2x WOOD BUCK	WOOD
20	1/4" SHIM MATERIAL	WOOD
21	WEATHERSTRIP PILE W/FIN .187 x .270, LOCK RAIL & SASH (ULTRAFAB)	
22	WEATHERSTRIP PILE W/FIN .187 x .230, FIXED MEETING RAIL (ULTRAFAB)	
23	WEATHERSTRIP PILE W/FIN .187 x .150, SILL (ULTRAFAB)	
24	WEATHERSTRIP VINYL BULB .187" x .375" Ø (AMESBURY)	
25	GLAZING 5/8" INSULATED ANNEALED GLASS	GLASS
26	GLAZING COMPOUND (DOW #1199)	SILICONE
27	#8 x 2" PHILLIPS PANHEAD SHEET METAL SCREW (NAILING FLANGE)	STEEL
28	#8 x 1 1/2" PHILLIPS PANHEAD SHEET METAL SCREW (JAMB ANCHORING)	STEEL
29	15 lbs. FELT (WATER BARRIER)	FELT

Approved as complying with the Florida Building Code
 Date SEPT. 18, 2003
 NOAR 03-0630.03
 Miami Dade Product Control
 Division
 By: *Manuel*

Silverline Building Products Corp.
 One Silverline Drive
 North Brunswick, NJ 08902
 PH. 732.435.1000

PRODUCT: EXTRUDED PVC SINGLE HUNG WINDOW UP TO 52" x 62"
 PART OR ASSEMBLY:
 UNIT COMPONENT & BILL OF MATERIALS

NO.	DATE	REVISE ANCHORING	RW	BY
1	8/06/03			

RW BUILDING CONSULTANTS, INC.
 813.659.9197

DATE: 6/15/03
 SCALE: N.T.S.
 DWG. BY: TJH
 CHK. BY: RW
 DRAWING NO.: S-2375
 SHEET 4 OF 4