



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)

www.buildingcodeonline.com

Silverline Building Products Corporation
One Silverline 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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series 900 Aluminum Single Hung Impact Window

APPROVAL DOCUMENT: Drawing No. **S-2732**, titled "Silverline Series 900 Single Hung Window "Impact", prepared by R.W. Building Consultants, Inc., sheets 1 through 7 of 7, dated 10/04/06, 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: Large & Small Missile Impact Resistant

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 sheet E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Jaime D. Gascon, P.E.**



J. Gascon
12/12/06

NOA No 06-1031.07
Expiration Date: January 4, 2012
Approval Date: January 4, 2007
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **S-2732**, titled "Silverline Series 900 Single Hung Window "Impact", prepared by R.W. Consultants, Inc., sheets 1 through 7 of 7, dated 10/04/06, 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 PA 202-94
 - 4) Forced Entry Test, per TAS 202-94
 - 5) Large Missile Impact Test per FBC, TAS 201-94
 - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94

Along with marked-up drawings and installation diagram of single hung windows, prepared by Testing Evaluation Laboratories, Inc. (TEL), Test Reports No(s). **TEL 06-1002-1** dated October 15, 2006, signed and sealed by Wendell W. Haney, P. E.

C. CALCULATIONS

1. Anchor Calculations and structural analysis dated 10-25-06, prepared, signed and sealed by Lyndon F. Schmidt, P. E.
2. Glazing complies w/ASTM E-1300-02.

D. QUALITY ASSURANCE BY:

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **04-0816.02** issued to E.I. DuPont DeNemours for "**DuPont Butacite® "ST" PVB Material**" dated 02/04/05, expiring on 02/04/10.

F. STATEMENTS

1. Statement letter of conformance and "No financial interest", dated 10/25/06, signed and sealed by Lyndon F. Schmidt, P.E.
2. Statement letter of "No conflict of interest with the laboratory performing the tests", dated 10/06/06, signed by Peter R. Thornton, Director of Engineering, Silverline
3. Statement of compliance, issued as part of above referenced test reports.

G. OTHER

1. **None.**


Jaime D. Gascon, P.E.

Chief, Product Control Division

NOA No 06-1031.07

Expiration Date: January 04, 2012

Approval Date: January 4, 2007

SilverLINE

BUILDING PRODUCTS CORP.

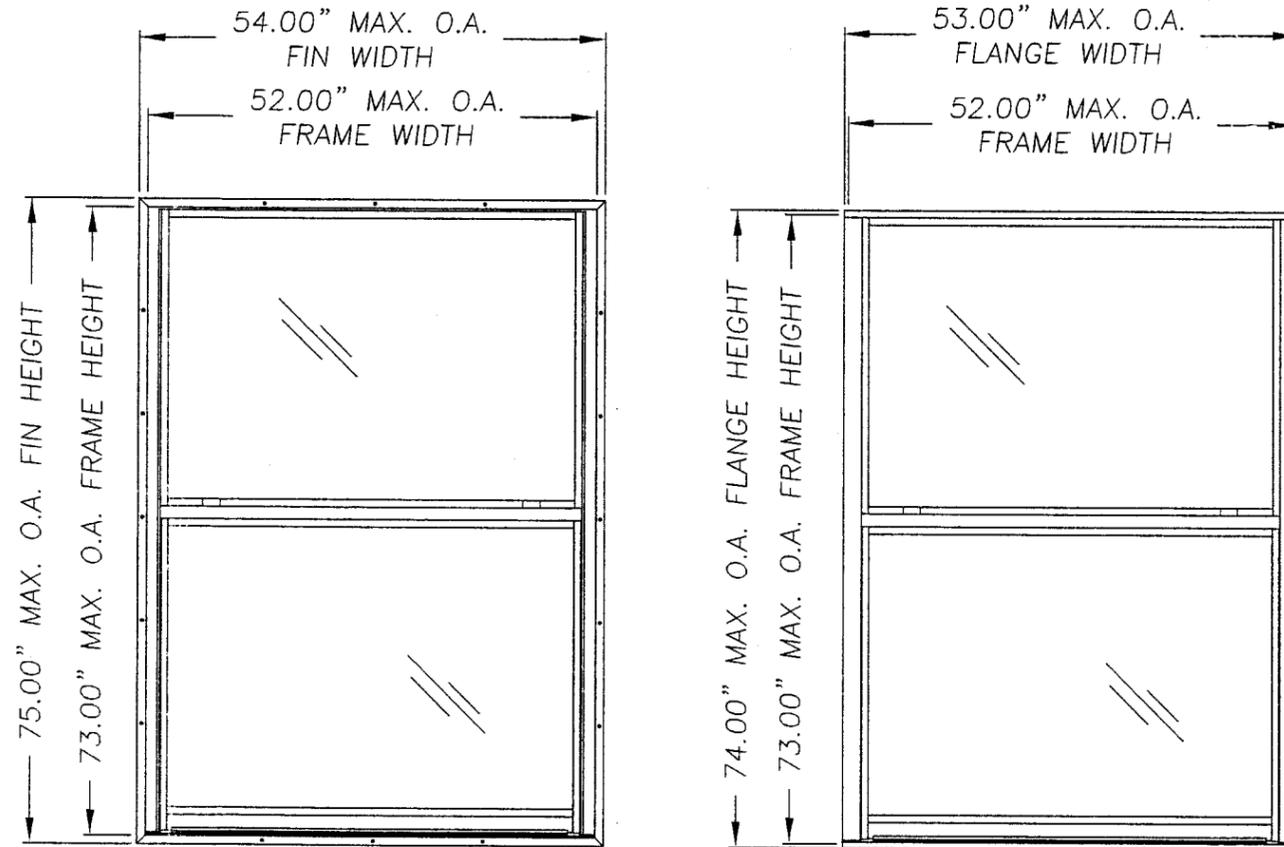
1 SILVERLINE DRIVE NORTH BRUNSWICK, NJ 08902 PH. 732.435.1000

SERIES 900 ALUMINUM SINGLE HUNG WINDOW WITH FIN & FLANGE "IMPACT"

GENERAL NOTES

1. THIS PRODUCT HAS BEEN EVALUATED AND IS IN COMPLIANCE WITH THE 2004 FLORIDA BUILDING CODE INCLUDING THE "HIGH VELOCITY HURRICANE ZONE".
2. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
3. WHEN USED IN THE "HIGH VELOCITY HURRICANE ZONE" THIS PRODUCT COMPLIES WITH SECTION 1626 OF THE FLORIDA BUILDING CODE AND DOES NOT REQUIRE AN IMPACT RESISTANT COVERING.
4. WHEN USED IN AREAS OUTSIDE OF THE "HVHZ" REQUIRING WIND-BORNE DEBRIS PROTECTION THIS PRODUCT COMPLIES WITH SECTION 1609.1.4 OF THE FLORIDA BUILDING CODE AND DOES NOT REQUIRE AN IMPACT RESISTANT COVERING.
5. CONDITIONS NOT COVERED BY THIS DRAWING ARE SUBJECT TO FURTHER ENGINEERING ANALYSIS.
6. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO STRUCTURE AND TO BE REVIEWED BY BUILDING OFFICIAL.
7. FOR DESIGN PRESSURE RATING SEE CHART THIS SHEET.

THIS PRODUCT MEETS THE WATER REQUIREMENTS FOR HIGH VELOCITY HURRICANE ZONES.



FIN

FLANGE

Approved as complying with the
Florida Building Code
Date JANUARY 4, 2007
NOA# 06-1031-07
Miami Dade Product Control
Division
By [Signature]

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SHEET #	DESCRIPTION
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2	FLANGE UNIT VERTICAL & HORIZONTAL CROSS SECTIONS
3	FLANGE UNIT CROSS SECTIONS & OPTIONAL MASONRY SILLS
4	FIN UNIT VERTICAL & HORIZONTAL CROSS SECTIONS
5	FIN & FLANGE FRAME ANCHORING
6	COMPONENTS
7	BOM, GLAZING DETAILS & COMPONENTS

	OVERALL FIN DIMENSION	OVERALL FRAME DIMENSION	OVERALL DAY LIGHT DIMENSION	GLASS TYPE	DESIGN PRESSURE RATING (PSF)	
					POS.	NEG.
FIN	54.00" x 75.00"	52.00" x 73.00"	(O) 42.06" x 32.63" (X) 42.06" x 32.63"	1/8" ANNEALED - AIR - 1/8" ANN./0.090" PVB/ 1/8" ANN.	80.00	85.00
FLANGE	53.00" x 74.00"	52.00" x 73.00"	(O) 42.06" x 32.63" (X) 42.06" x 32.63"	OR 1/8" ANN./0.090" PVB/ 1/8" ANN.	80.00	85.00

Documents Prepared By:

RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.559.9197

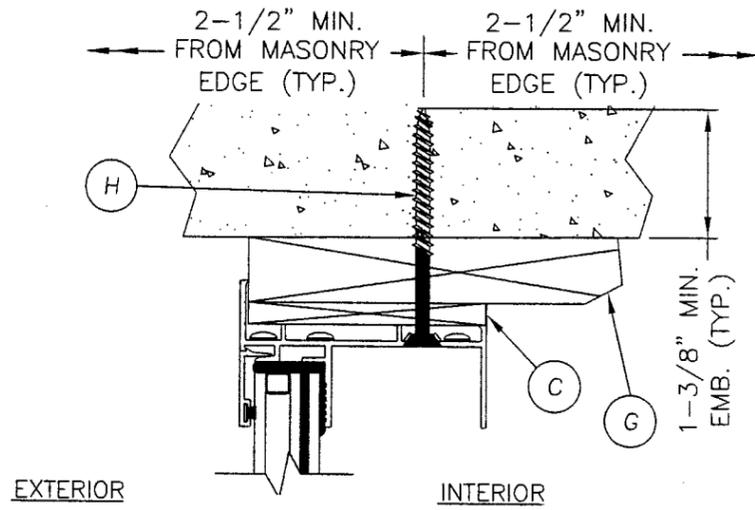
Florida Board of Professional Engineers
Certificate of Authorization No. 9813

Lyndon F. Schmidt, P.E. No. 43409
10-25-06

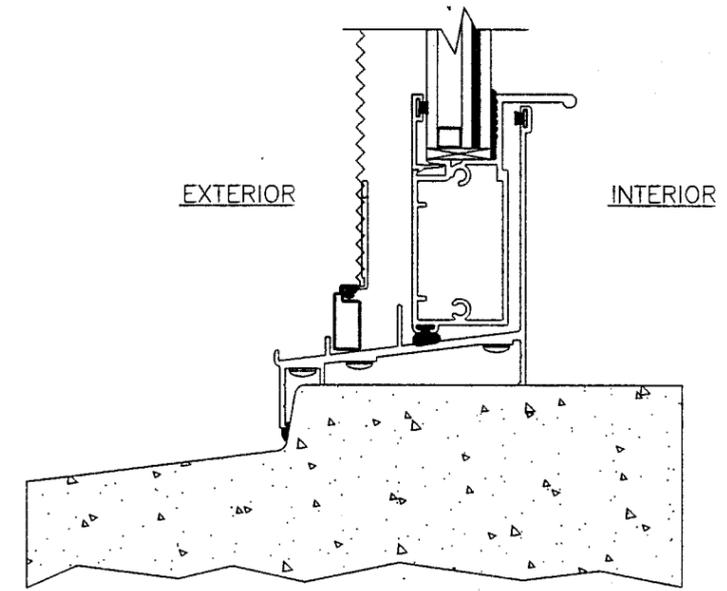
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PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	BY

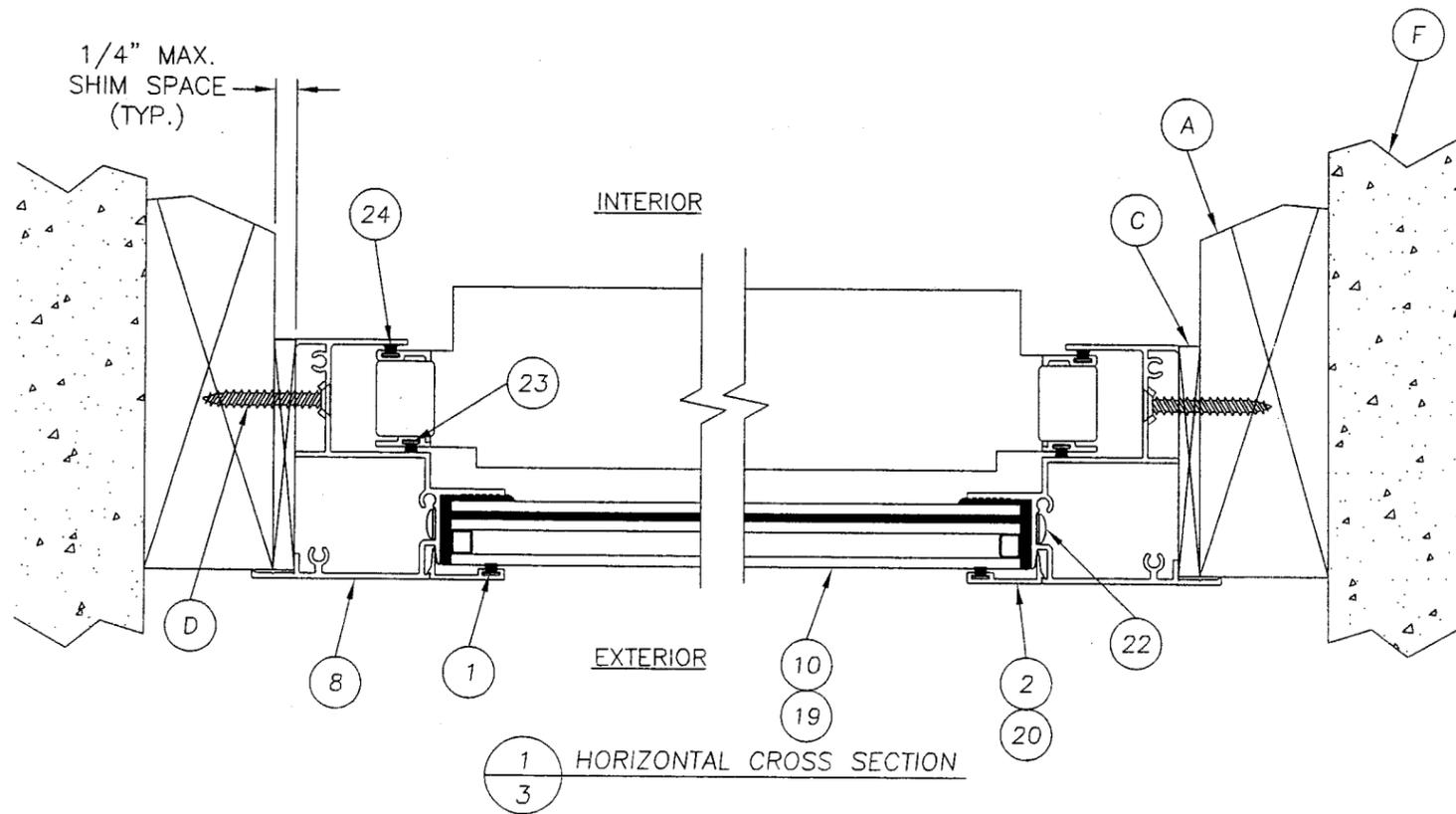
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SCALE: N.T.S.
DWG. BY: AEM
CHK. BY: WWH
DRAWING NO.: S-2732
SHEET 1 OF 7



2 VERTICAL CROSS SECTION
3

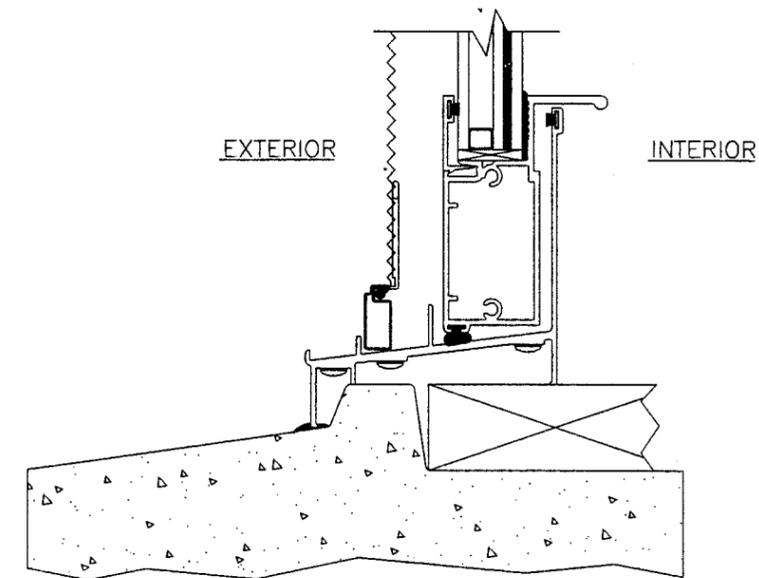


3 VERTICAL CROSS SECTION
3 OPTIONAL MASONRY SILL



1 HORIZONTAL CROSS SECTION
3

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Florida Building Code
Date JANUARY 4, 2007
NOA# 06-1031-07
Miami Dade Product Control
Division
By [Signature]



4 VERTICAL CROSS SECTION
3 OPTIONAL MASONRY SILL

Documents Prepared By:

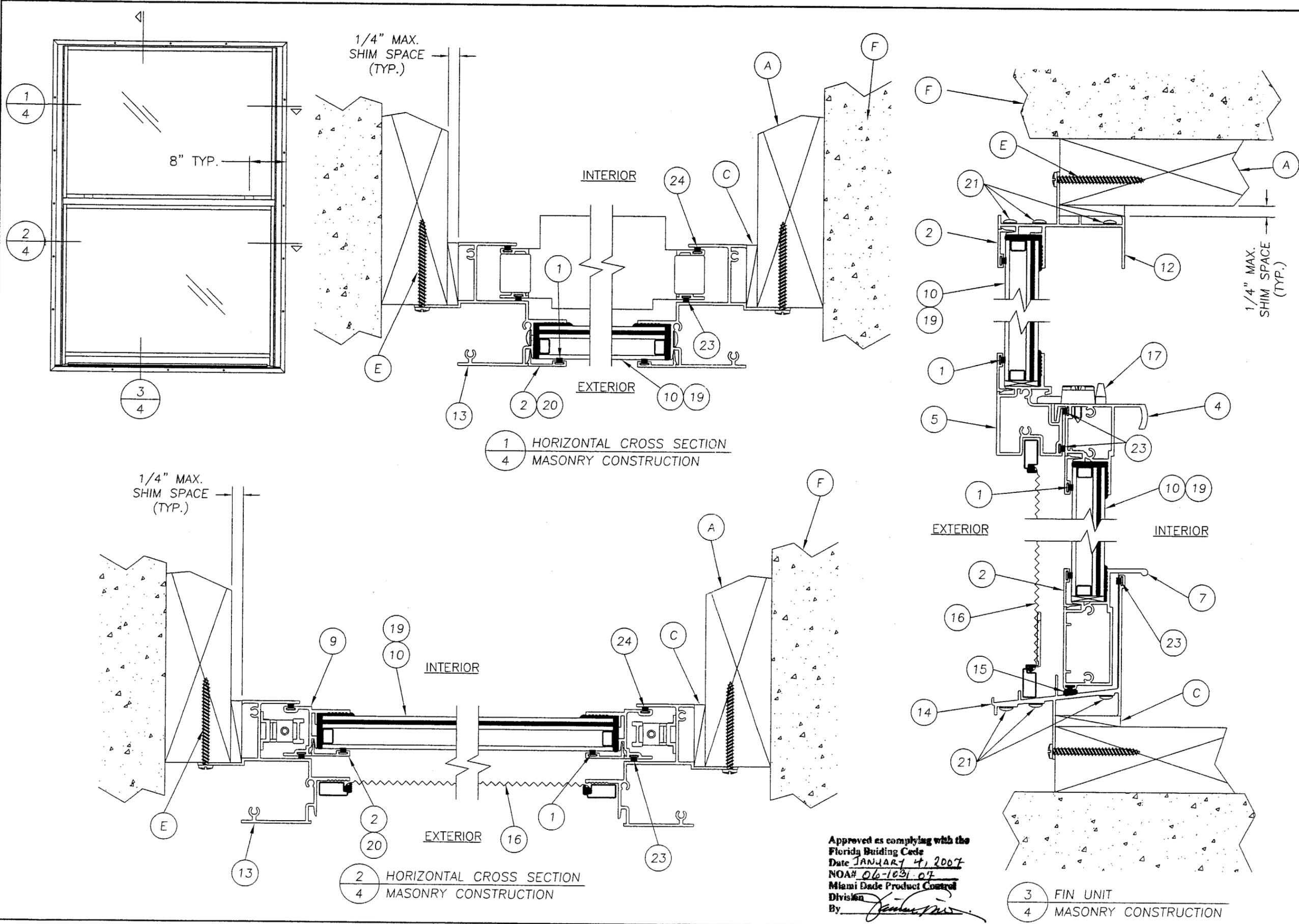
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Vairco FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
10-25-06
Lyndon F. Schmidt, P.E. No. 43409

PRODUCT: SILVERLINE
SERIES 900 SINGLE HUNG
WINDOW "IMPACT"
PART OR ASSEMBLY:
FLANGE UNIT CROSS SECTIONS
AND OPTIONAL MASONRY SILLS

NO	DATE	BY	REVISIONS

DATE: 10/04/06
SCALE: N.T.S.
DWG. BY: AEM
CHK. BY: WWH
DRAWING NO.: S-2732
SHEET 3 OF 7

R:\Proj_1001-1100\p1038\SILVERLINE-900-IMPACT_MODEL.dwg



Approved as complying with the
 Florida Building Code
 Date JANUARY 4, 2007
 NOA# 06-1031-07
 Miami Dade Product Control
 Division
 By: *[Signature]*

Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
 P.O. Box 230 Valrico FL, 33595
 Phone No.: 813.659.9197

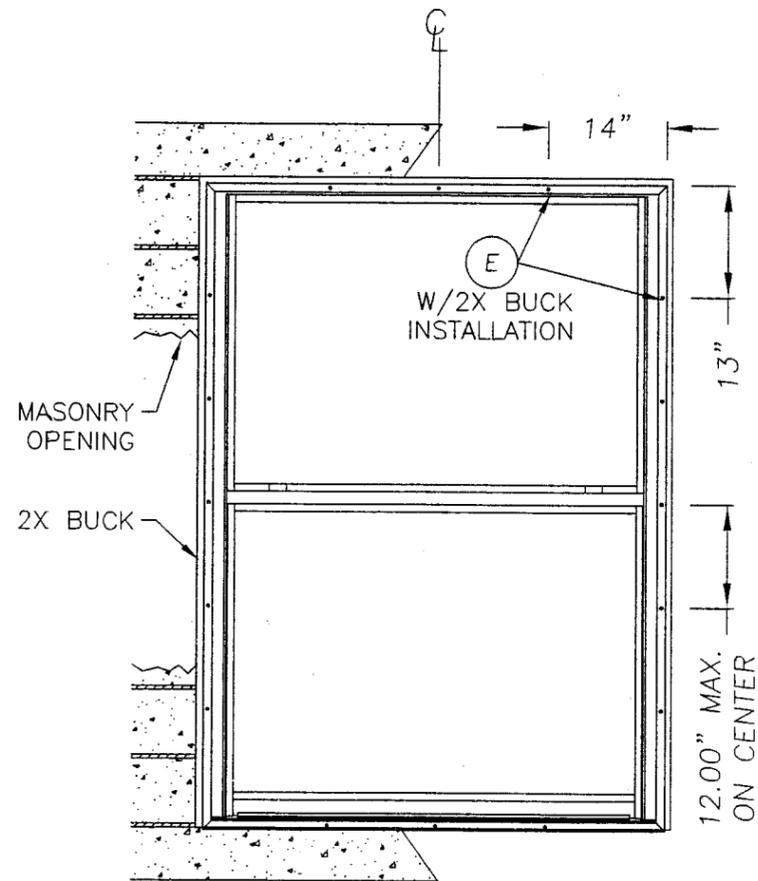
Florida Board of Professional Engineers
 Certificate Of Authorization No. 9813
[Signature] 10-25-06
 Lyndon F. Schmidt, P.E. No. 75409

PRODUCT: SILVERLINE SERIES 900 SINGLE HUNG WINDOW "IMPACT"
 PART OR ASSEMBLY: FIN UNIT VERTICAL & HORIZONTAL CROSS SECTIONS

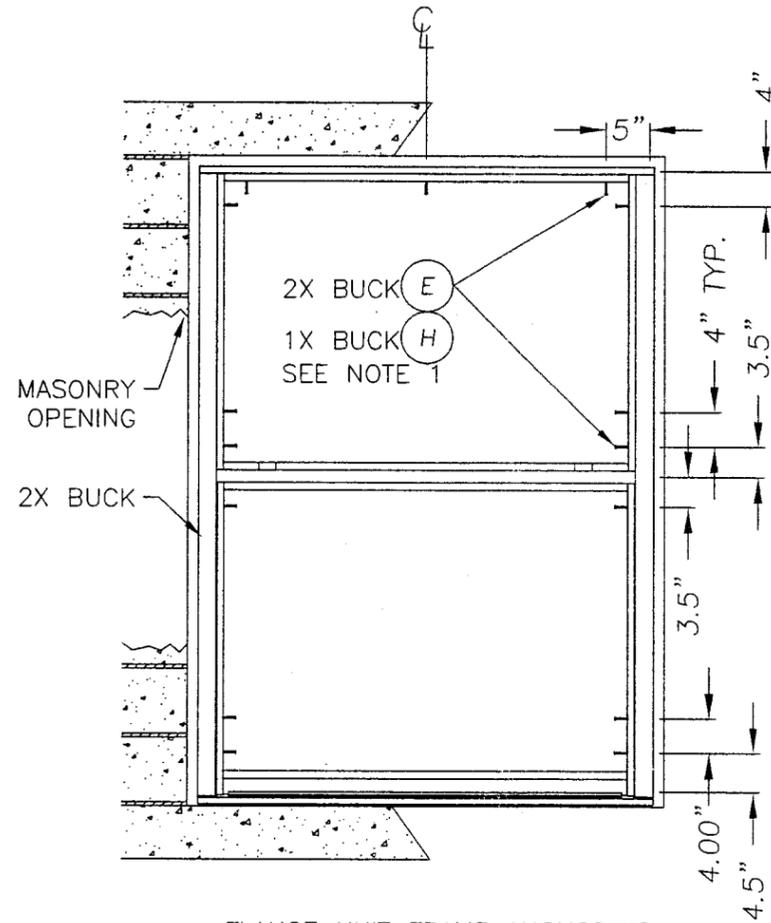
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DATE: 10/04/06
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 DWG. BY: AEM
 CHK. BY: WWH
 DRAWING NO.: S-2732
 SHEET 4 OF 7

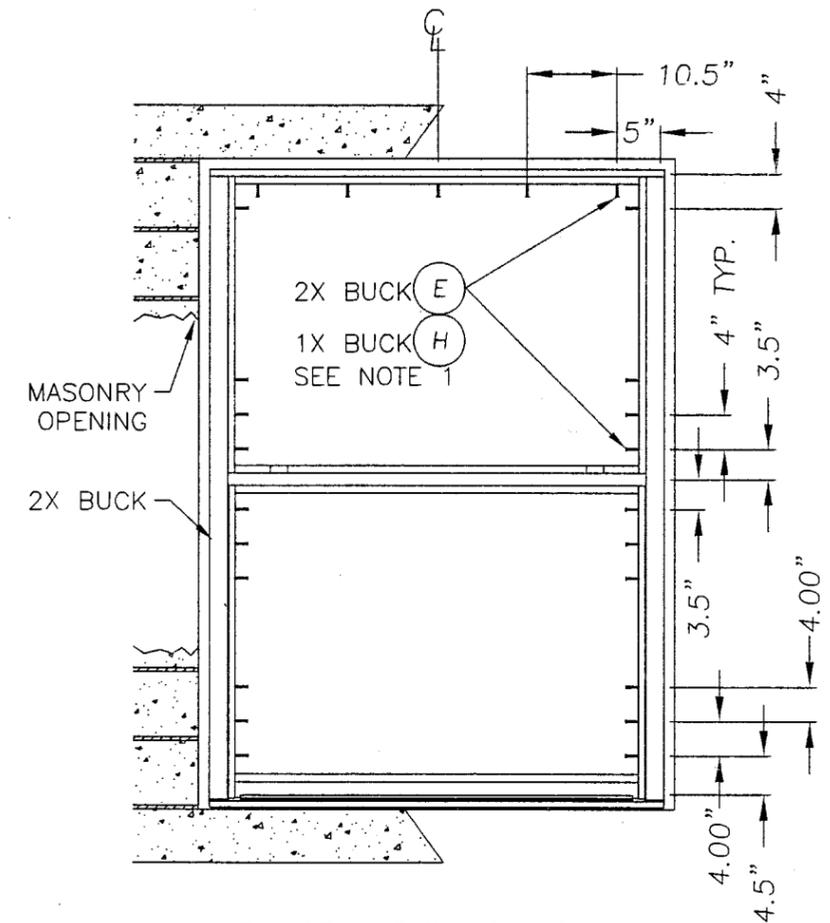
© 2006 R.W. BUILDING CONSULTANTS INC.



FIN UNIT FRAME ANCHORING
MASONRY CONSTRUCTION



FLANGE UNIT FRAME ANCHORING
MASONRY CONSTRUCTION
DP <= 50 PSF



FLANGE UNIT FRAME ANCHORING
MASONRY CONSTRUCTION
DP > 50 PSF UP TO 85 PSF

NOTES:

1. 1/4" ELCO TAPCONS ANCHORING THE FRAME AND/OR SILL REQUIRE A MINIMUM 1" CLEARANCE TO MASONRY EDGES AND A MINIMUM 4" CLEARANCE TO ADJACENT TAPCONS. SUBSTITUTION OF EQUAL CONCRETE SCREWS FROM A DIFFERENT SUPPLIER MAY HAVE DIFFERENT EDGE DISTANCE AND CENTER DISTANCE REQUIREMENTS.

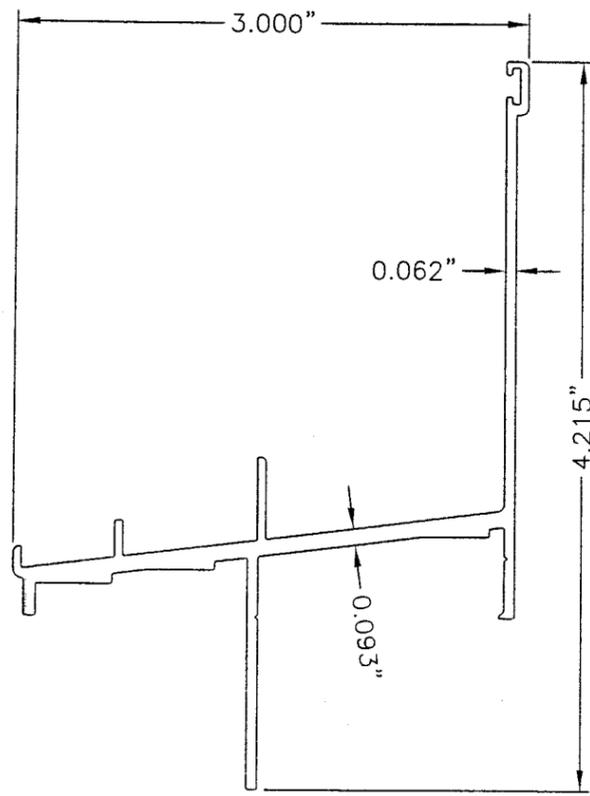
Approved as complying with the
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Date JANUARY 4, 2007
NOA# 06-1031-07
Miami Dade Product Control
Division
By [Signature]

Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
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10-25-06
Lyndon F. Schmidt, P.E. No. 43409

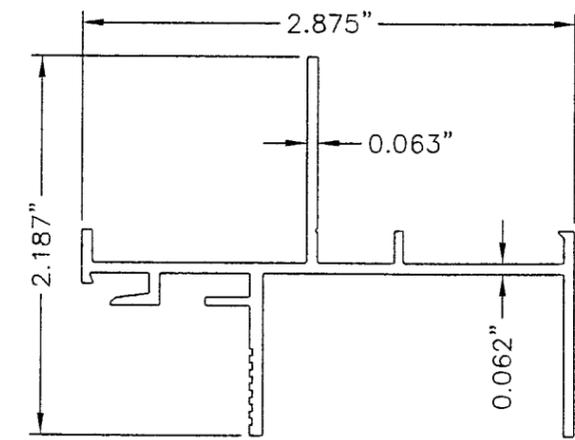
PRODUCT:
SILVERLINE
SERIES 900 SINGLE HUNG
WINDOW "IMPACT"
PART OR ASSEMBLY:
FIN AND FLANGE
FRAME ANCHORING

NO	DATE	BY	REVISIONS

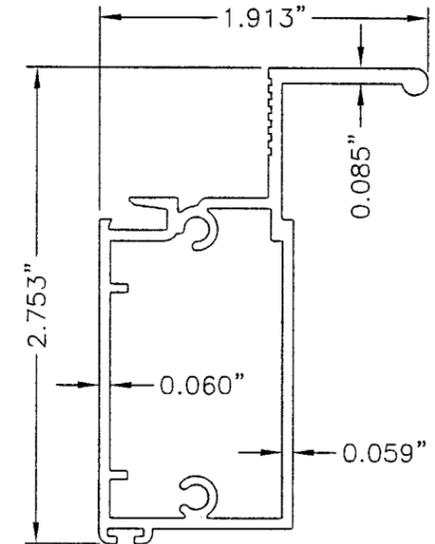
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SCALE: N.T.S.
DWG. BY: AEM
CHK. BY: WWH
DRAWING NO.: S-2732
SHEET 5 OF 7



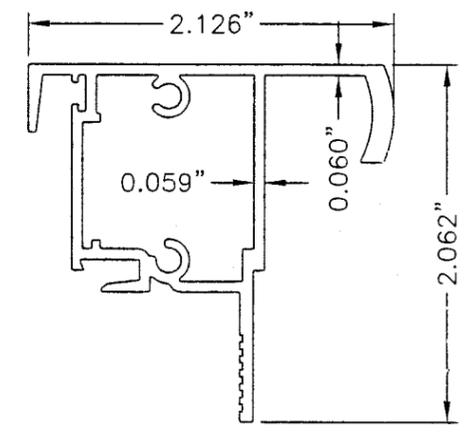
14 MAIN FRAME SILL
W/ FIN



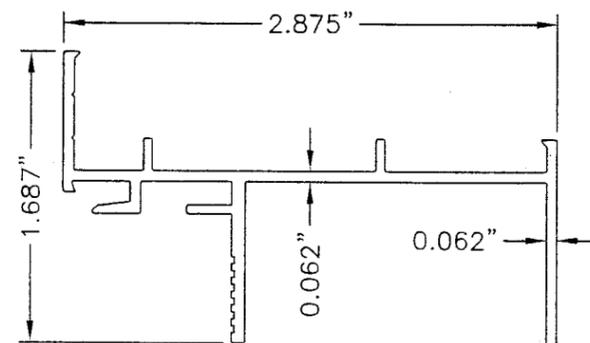
12 MAIN FRAME HEAD
W/ FIN



7 LOWER SASH BOTTOM RAIL

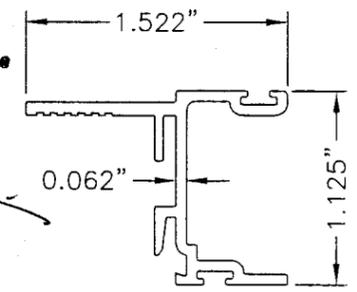


4 LOWER SASH TOP RAIL

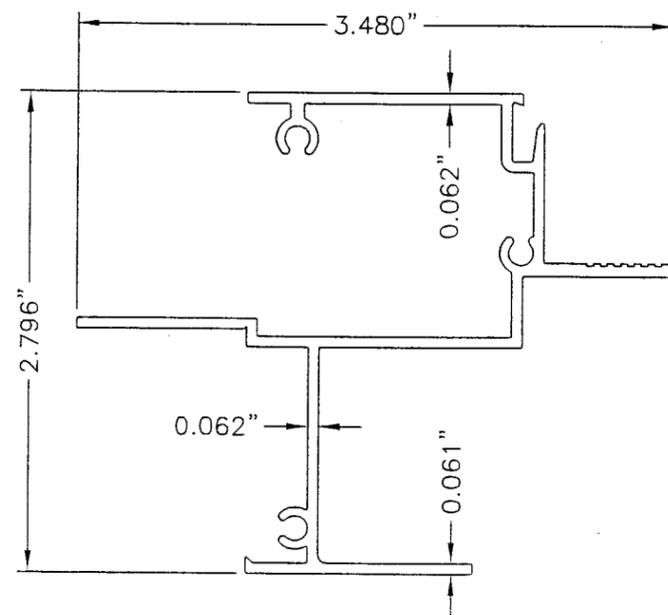


3 MAIN FRAME HEAD
W/ FLANGE

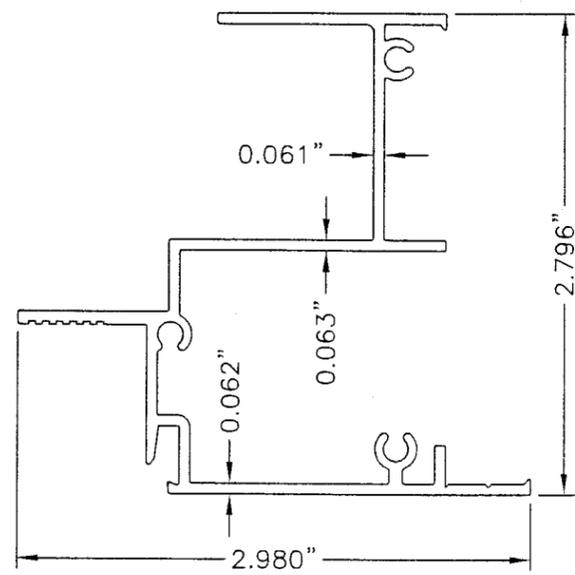
Approved as complying with the
Florida Building Code
Date JANUARY 4, 2007
NOAH 06-1031-07
Miami Dade Product Control
Division
By *[Signature]*



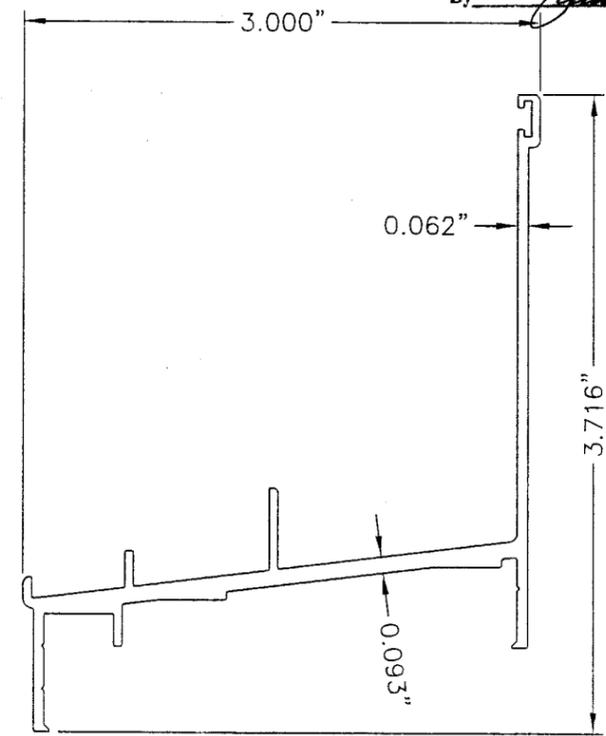
9 STILE



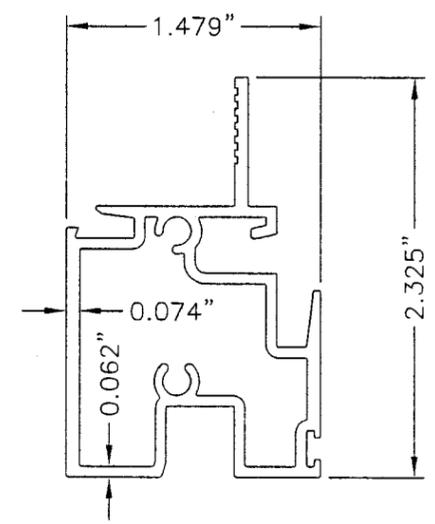
13 MAIN FRAME JAMB
W/ FIN



8 MAIN FRAME JAMB
W/ FLANGE



6 MAIN FRAME SILL
W/ FLANGE



5 UPPER SASH BOTTOM RAIL

Documents Prepared By:
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BUILDING CONSULTANTS, INC.
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[Signature] 10-25-06
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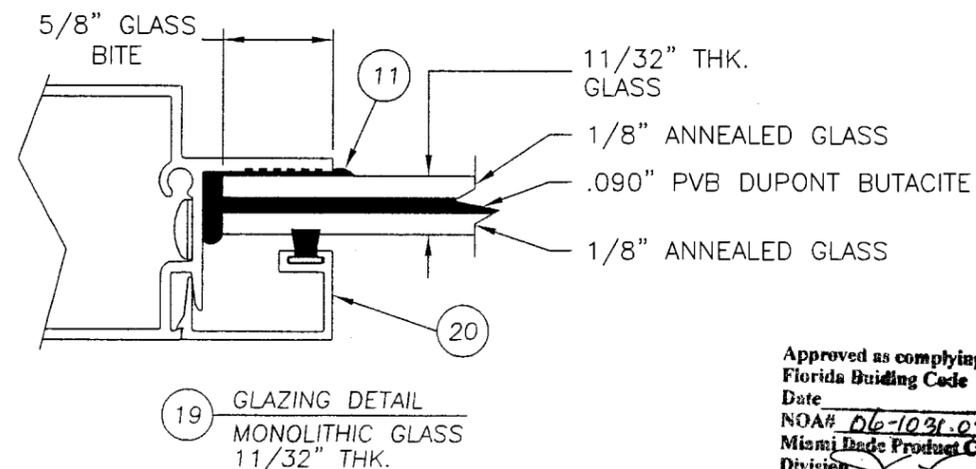
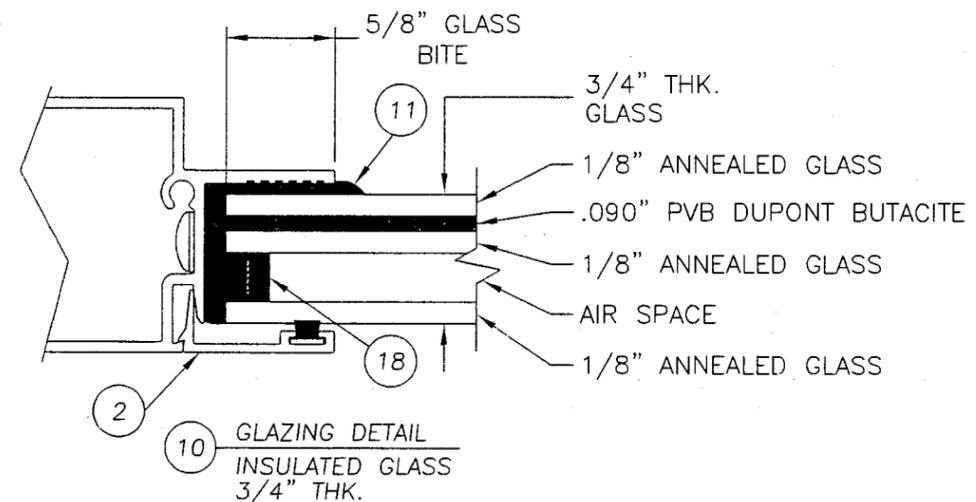
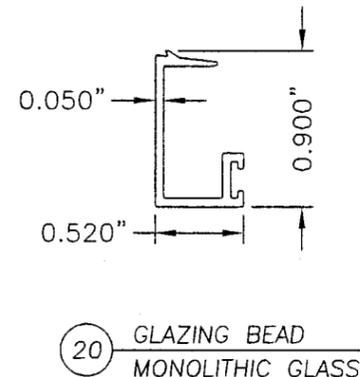
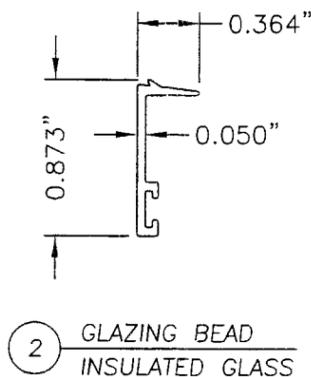
PRODUCT: SILVERLINE
SERIES 900 SINGLE HUNG
WINDOW "IMPACT"
PART OR ASSEMBLY: COMPONENTS

NO.	DATE	REVISIONS	BY

DATE: 10/04/06
SCALE: N.T.S.
DWG. BY: AEM
CHK. BY: WWH
DRAWING NO.: S-2732
SHEET 6 of 7

R:\Proj 1001-1100\pf1038\SILVERLINE-900-IMPACT MODEL.dwg

BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
A	2X BUCK	WOOD
B	2X FRAMING	WOOD
C	1/4" MAX. SHIM SPACE	WOOD
D	#12 X 1-1/2" PFH SCREW	STEEL
E	#10 X 2" PPH SCREW	STEEL
F	MASONRY	CONCRETE
G	1X BUCK	WOOD
H	1/4" X 2-3/4" TAPCON	STEEL
1	SEAL "T" SLOT 0.187" BULB	VINYL
2	GLAZING BEAD INSULATED GLASS 6105-T5	ALUMINUM
3	FLANGE MAIN FRAME HEAD 6105-T5	ALUMINUM
4	LOWER SASH TOP RAIL 6105-T5	ALUMINUM
5	UPPER SASH BOTTOM RAIL 6105-T5	ALUMINUM
6	FLANGE MAIN FRAME SILL 6105-T5	ALUMINUM
7	LOWER SASH BOTTOM RAIL 6105-T5	ALUMINUM
8	FLANGE MAIN FRAME JAMB 6105-T5	ALUMINUM
9	STILE 6105-T5	ALUMINUM
10	3/4" INSULATED LAMINATED GLASS INTERLAYER BY DUPONT 1/8" ANN. - AIR - 1/8" ANN. / .090 PVB / 1/8" ANN.	GLASS
11	GLAZING COMPOUND, PROGLAZE SSG BY TREMCO	SILICONE
12	FIN MAIN FRAME HEAD 6105-T5	ALUMINUM
13	FIN MAIN FRAME JAMB 6105-T5	ALUMINUM
14	FIN MAIN FRAME SILL 6105-T5	ALUMINUM
15	VINYL FOAM BULB SEAL	-
16	SCREEN	-
17	SASH LOCK	STEEL
18	SWIGGLE GLAZING SPACER	-
19	11/32" MONOLITHIC LAMINATED GLASS INTERLAYER BY DUPONT 1/8" ANNEALED - .090 PVB - 1/8" ANNEALED	GLASS
20	GLAZING BEAD MONOLITHIC GLASS 6105-T5	ALUMINUM
21	#8 X 3/4" SCREW (3 EACH END TO ATTACH JAMBS TO HEAD & SILL)	STEEL
22	#10 X 3/4" SCREW (2 EACH SIDE TO ATTACH LOCK RAIL TO JAMBS)	STEEL
23	0.250" X 0.187" FIN PILE WEATHERSTRIP	WOOL
24	0.190" X 0.187" FIN PILE WEATHERSTRIP	WOOL



Approved as complying with the
Florida Building Code
Date
NOA# 06-1038-07
Miami Dade Product Control
Division
By *[Signature]*

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
[Signature] 10-25-06
Lyndon F. Schmidt, P.E. No. 43409

PRODUCT: SILVERLINE SERIES 900 SINGLE HUNG WINDOW "IMPACT"
PART OR ASSEMBLY: BILL OF MATERIALS, GLAZING DETAILS & COMPONENTS

NO.	DATE	BY	REVISIONS

DATE: 10/04/06
SCALE: N.T.S.
DWG. BY: AEM
CHK. BY: WWH
DRAWING NO.: S-2732
SHEET 7 OF 7

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