



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

www.buildingcodeonline.com

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 "9520" PVC Double Hung Window

APPROVAL DOCUMENT: Drawing No. S-2544, titled "Series 9520 Extruded Vinyl Tilt Double Hung Window", sheets 1 to 6 of 6, prepared by R. W. Building Consultants, Inc., dated 05/04/05, with revision #2 dated 06/29/05, signed and sealed by Wendell, 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 and Small Missile Impact

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 pages E-1 and E-2, as well as approval document mentioned above. The submitted documentation was reviewed by **Herminio F. Gonzalez, P.E., Director, BCCO**



NOA No 05-0516.03
Expiration Date: July 28, 2010
Approval Date: July 28, 2005
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-2544**, titled "Series 9520 Extruded Vinyl Tilt Double Hung Window", sheets 1 to 6 of 6, prepared by R. W. Building Consultants, Inc., dated 05/04/05, with revision #1 dated 06/29/05, 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) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of PVC Frame Double Hung Windows, prepared by Architectural Testing Inc., Test Report No. **ATI-53330.01-122-18** dated 01/12-03/17/05, signed and sealed by Steve M. Urich, P.E.

C. CALCULATIONS

1. Anchor Calculations, ASTM-E1300, and structural analysis, dated 05/06/05 prepared, signed and sealed by Wendell W. Haney, P.E.

D. QUALITY ASSURANCE

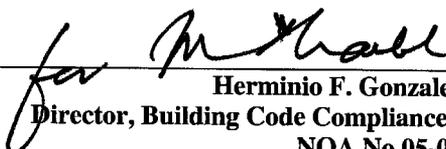
1. Miami Dade Building Code Compliance Office (BCCO)

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **02-0523.01** issued to Silverline Building Products Corporation for "White Rigid PVC Exterior Extrusions for Windows and Doors" dated 08/15/02, expiring on 08/15/07.
2. Notice of Acceptance No. **00-1212.04** issued to E.I. DuPont DeNemours for "DuPont Butacite ® PVB" dated 02/15/01, expiring on 12/11/05.

F. STATEMENTS

1. Statement letter of conformance and no financial interest, dated May 06, 2005, signed and sealed by Wendell W. Haney, P.E.
2. Statement letter of conformance and no financial interest, dated April 29, 2005, signed and sealed by Peter R. Thornton, P.E.
3. Letter stating that Rick Wright of R. W. Building Consultants has been contracted to represent Silver Line Building Products, dated April 29, 2005, signed by Peter R. Thornton, Director of Engineering for Silver Line Building Products.



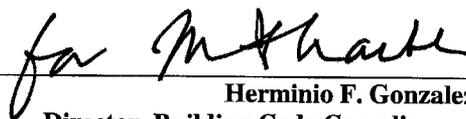
Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office
NOA No 05-0516.03
Expiration Date: July 28, 2010
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Silver Line Building Products Corporation

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G. OTHER

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



**Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office**

NOA No 05-0516.03

Expiration Date: July 28, 2010

Approval Date: July 28, 2005

SilverLINE

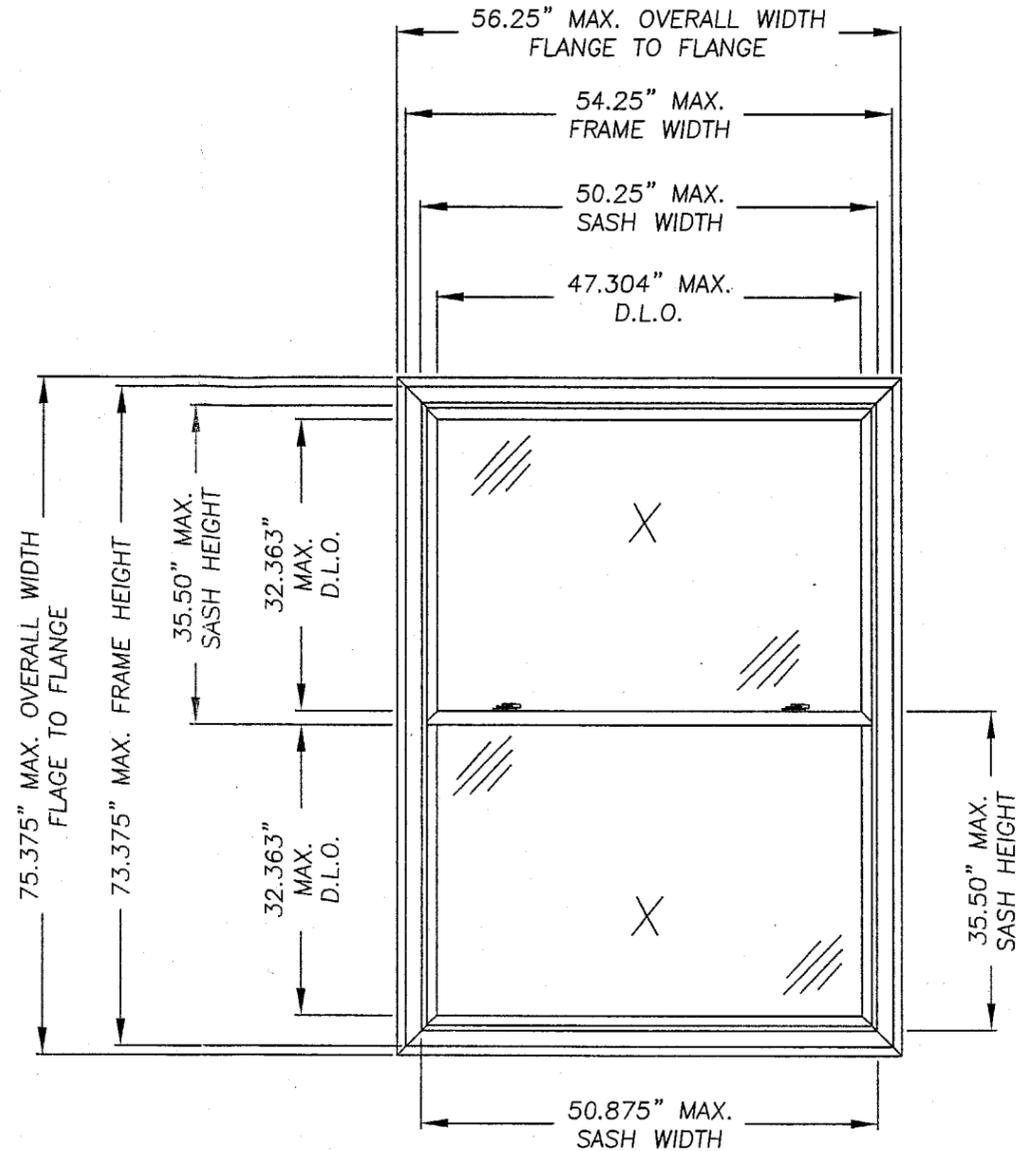
BUILDING PRODUCTS CORP.

1 SILVERLINE DRIVE NORTH BRUNSWICK, NJ 08902 PH. 732.435.1000

9520 SERIES, MODEL 9520 EXTRUDED VINYL TILT DOUBLE HUNG WINDOW

GENERAL NOTES

- THIS PRODUCT HAS BEEN EVALUATED AND IS IN COMPLIANCE WITH THE FLORIDA BUILDING CODE INCLUDING THE "HIGH VELOCITY HURRICANE ZONE".
- PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
- 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.
- 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. THIS PRODUCT DOES NOT MEET THE REQUIREMENTS FOR ENHANCED PROTECTION OF ESSENTIAL FACILITIES AS DEFINED IN ASTM E1996.
- FOR 2X STUD FRAMING CONSTRUCTION, THE ANCHORING OF THESE UNITS SHALL BE THE SAME AS THAT SHOWN FOR 2X BUCK MASONRY CONSTRUCTION.
- CONDITIONS NOT COVERED BY THIS DRAWING ARE SUBJECT TO FURTHER ENGINEERING ANALYSIS.
- WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO STRUCTURE AND TO BE REVIEWED BY BUILDING OFFICIAL.
- FOR DESIGN PRESSURE RATING SEE CHART THIS SHEET.
- THIS PRODUCT MEETS THE WATER REQUIREMENTS FOR HIGH VELOCITY HURRICANE ZONES.



DESIGN PRESSURE RATINGS (PSF)

OVERALL FLANGE DIMENSION	OVERALL FRAME DIMENSION	OVERALL DAY LIGHT DIMENSION	GLASS TYPE	DESIGN PRESSURE RATING	
				POSITIVE	NEGATIVE
56.25" x 75.375"	54.25" x 73.375"	47.304" x 32.363"	7/8" THICK LAMINATED I.G. (INTERLAYER BY DUPONT)	+50.0 PSF	-50.0 PSF
38.125" x 64.500"	36.125" x 62.500"	33.179" x 26.863"	1/8" ANN. - AIR - 1/8" ANN. /.090" PVB./ 1/8" ANN.	+65.0 PSF	-65.0 PSF

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	TYPICAL ELEVATIONS, DESIGN PRESSURES & GENERAL NOTES
2	VERTICAL & HORIZONTAL CROSS SECTIONS
3	WINDOW ANCHORING & GLAZING DETAIL
4	COMPONENTS
5	HARDWARE ASSEMBLY & COMPONENTS DETAIL
6	BILL OF MATERIALS & COMPONENTS

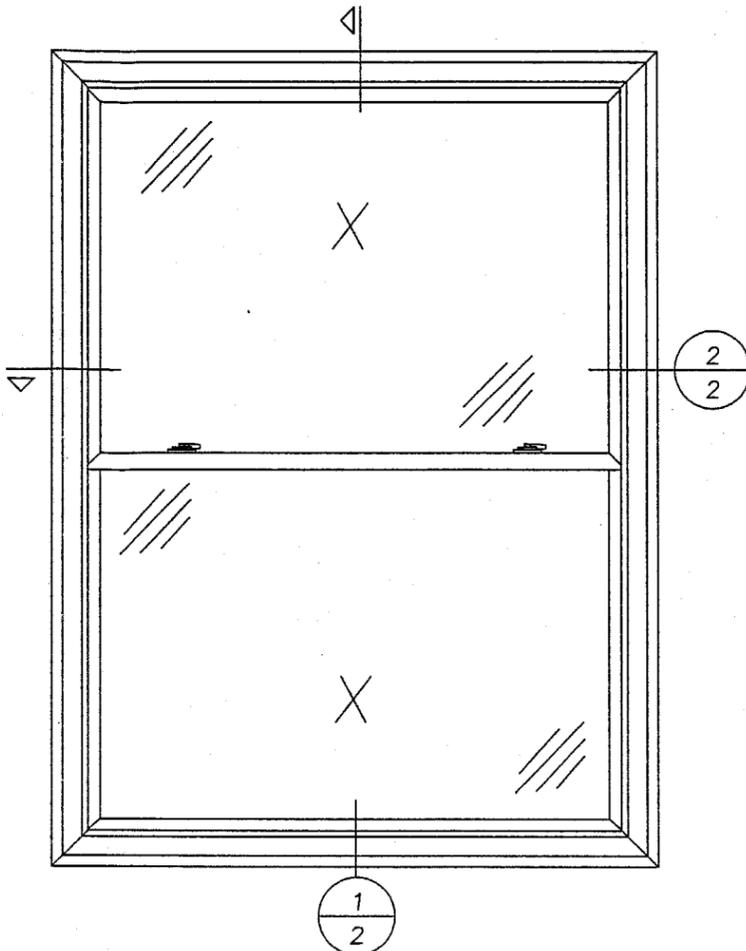
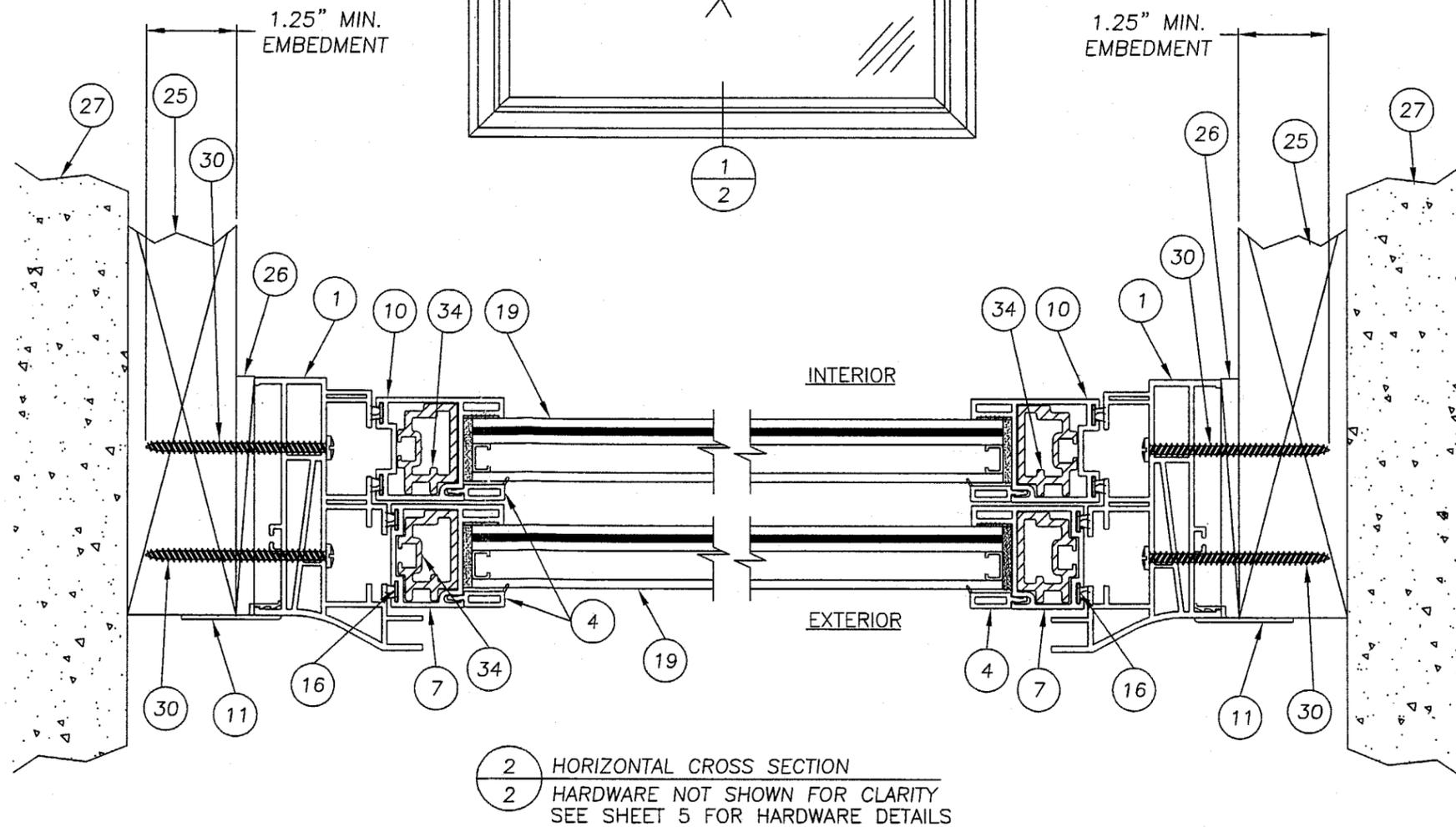
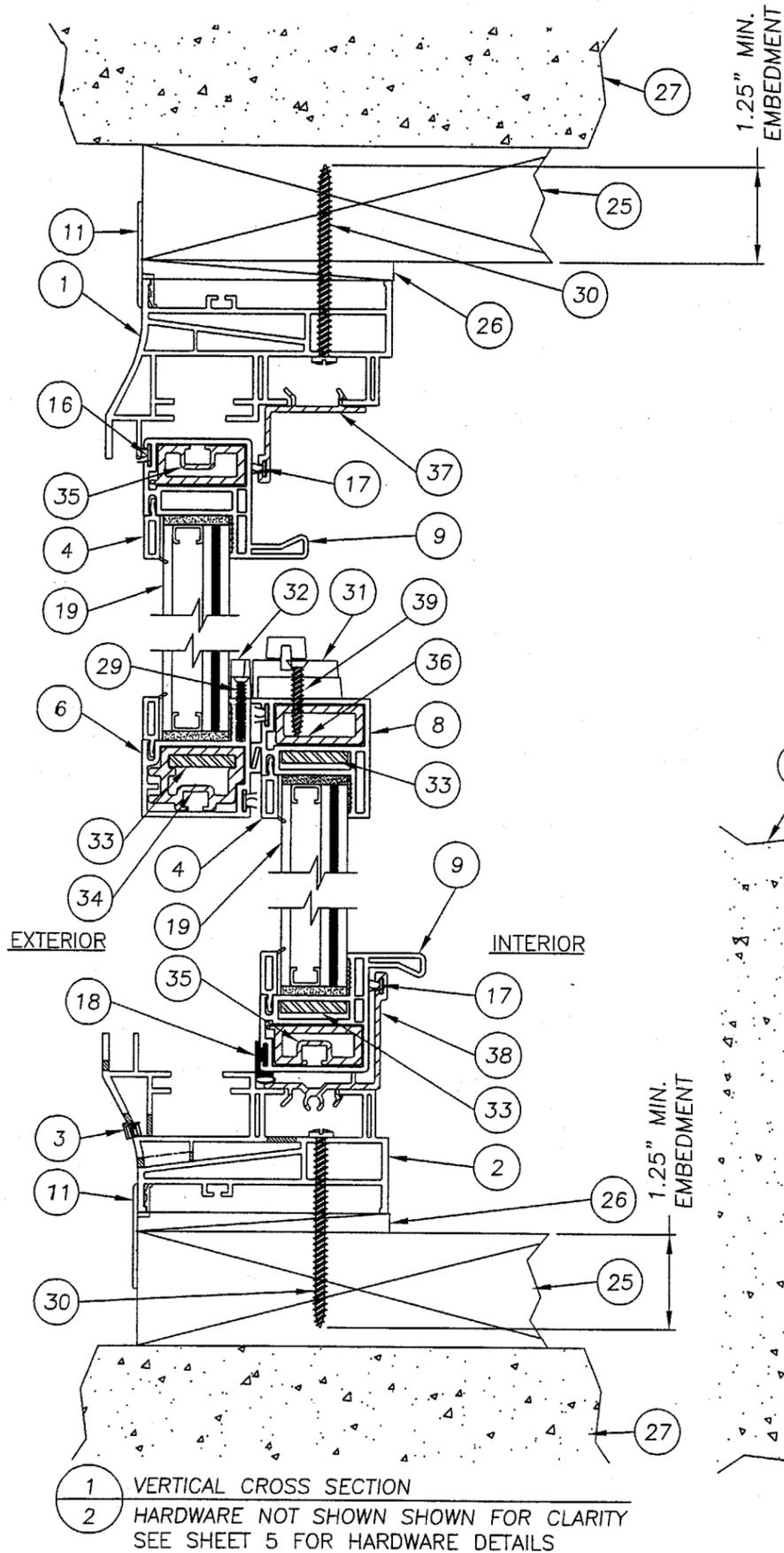
Approved as complying with the Florida Building Code
 Date: 03/28/05
 NOAF: 05-0516-03
 Miami Dade Product Control
 Division
 By: *[Signature]*

Documents Prepared By:
 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
[Signature]
 Wendell W. Honey, P.E. No. 54158

PRODUCT:
 9520 SERIES, MODEL 9520
 EXTRUDED VINYL TILT DOUBLE HUNG WINDOW
 PART OR ASSEMBLY:
 TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	REVISIONS
2	06/29/05	PER DADE LETTER
1	06/16/05	CLARIFY GLAZING SHEET 1

DATE: 05/04/05
 SCALE: N.T.S.
 DWG. BY: EW
 CHK. BY: WWH
 DRAWING NO.: S-2544
 SHEET 1 OF 6



Approved as complying with the
Florida Building Code
Date 07/28/05
NOA# 05-0516-03
Miami Dade Product Control
Division
By *Wendell W. Haney*

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

RW

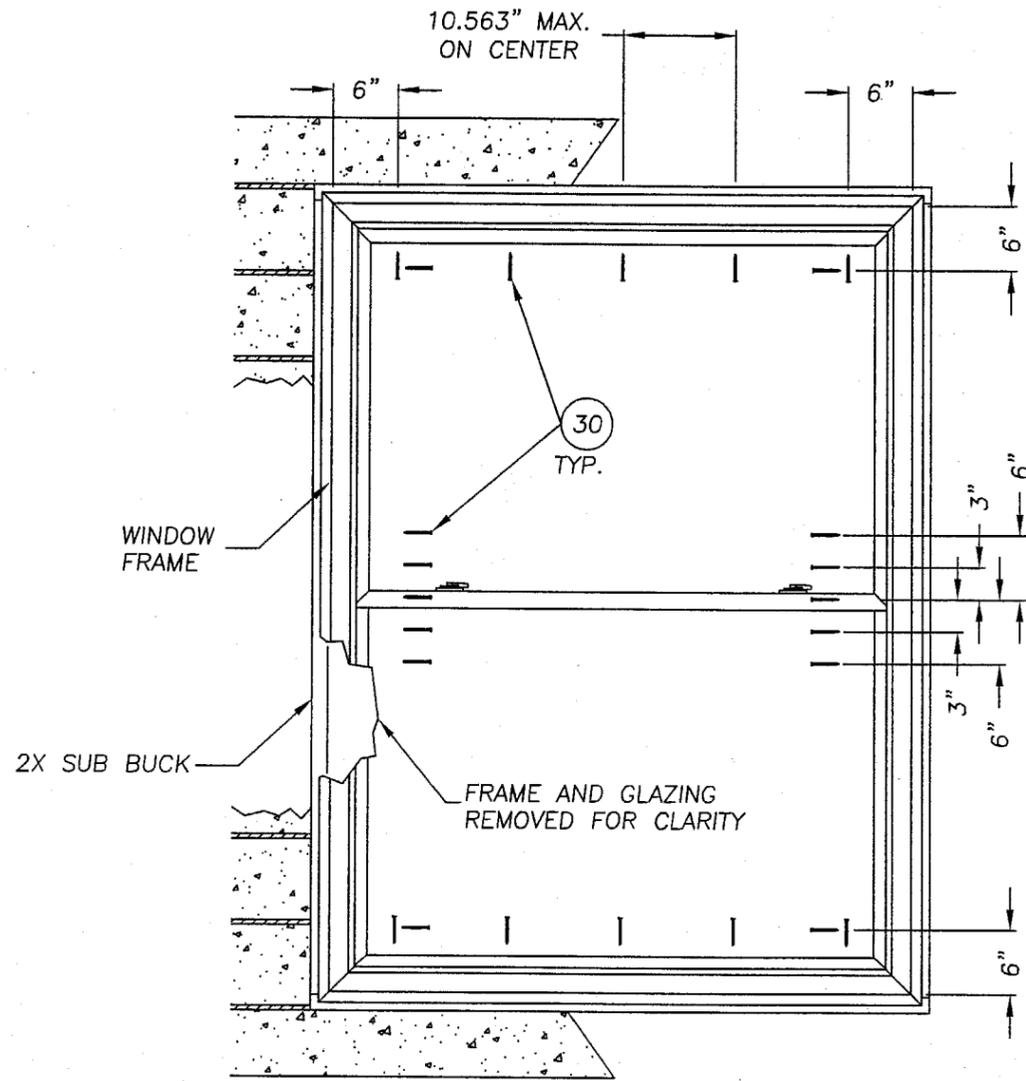
Florida Board of Professional Engineers
Certificate of Authorization No. 9813
Wendell W. Haney 6/29/05
Wendell W. Haney, P.E. No. 54158

PRODUCT: 9520 SERIES, MODEL 9520
EXTRUDED VINYL TILT DOUBLE
HUNG WINDOW

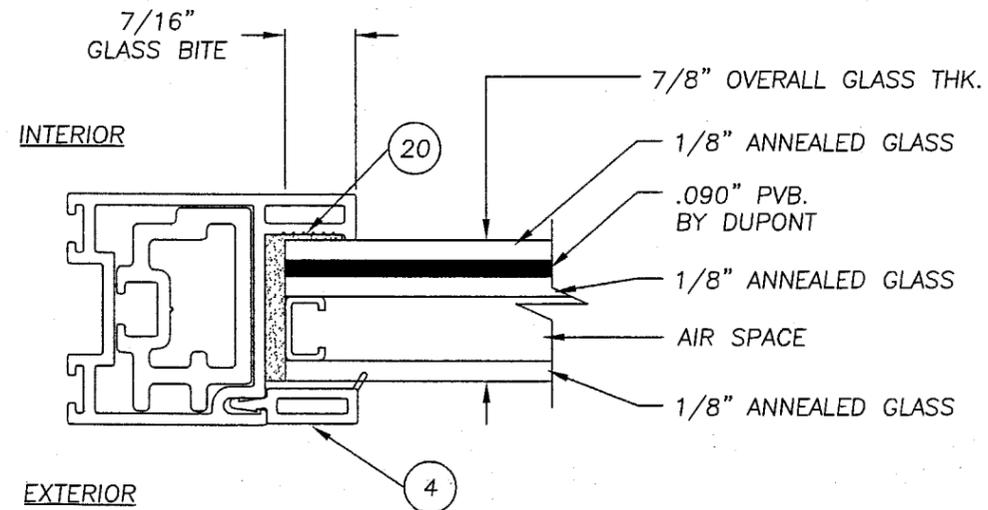
PART OR ASSEMBLY:
VERTICAL AND HORIZONTAL
CROSS SECTIONS

NO.	DATE	BY	REVISIONS
2	06/29/05	AM	PER DADE LETTER
1	06/16/05	WH	CLARIFY GLAZING SHEET 1

DATE: 05/04/05
SCALE: N.T.S.
DWG. BY: EW
CHK. BY: WWH
DRAWING NO.: S-2544
SHEET 2 OF 6



WINDOW FRAME TO BUCK ANCHORING



19 TYPICAL GLAZING DETAIL
7/8" INSULATED ANNEALED GLASS

Approved as complying with the
Florida Building Code
Date 07/28/05
NOA# 05-0516-03
Missouri State Product Control
Division
By: *[Signature]*

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
[Signature]
Wendell W. Haney, P.E. No. 54158

PRODUCT:
9520 SERIES, MODEL 9520
EXTRUDED VINYL TILT DOUBLE
HUNG WINDOW
PART OR ASSEMBLY:
WINDOW ANCHORING &
GLAZING DETAIL

NO.	DATE	REVISIONS
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1	06/16/05	CLARIFY GLAZING SHEET 1

DATE: 05/04/05

SCALE: N.T.S.

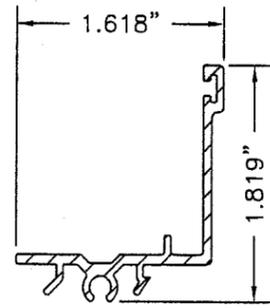
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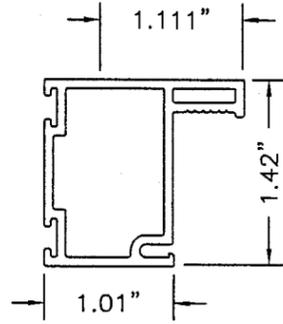
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S-2544

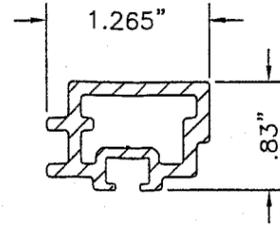
SHEET 3 OF 6



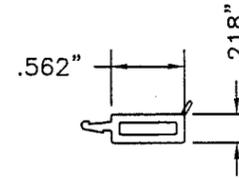
38 SILL ADAPTER



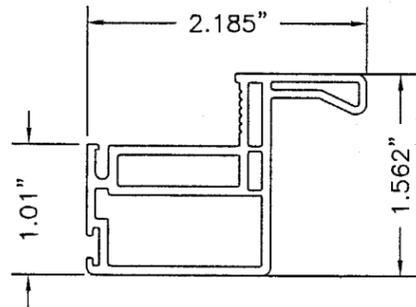
7 UPPER SASH STILE



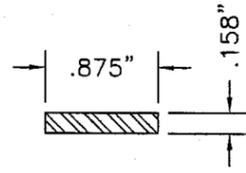
34 KEEPER RAIL & TILE REINFORCEMENT



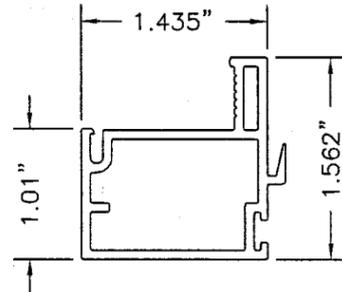
4 GLAZING BEAD



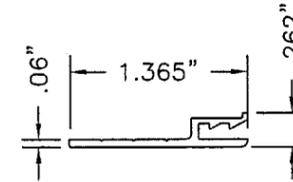
9 LOWER SASH BOTTOM RAIL



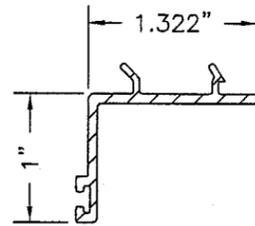
33 REINFORCING BAR



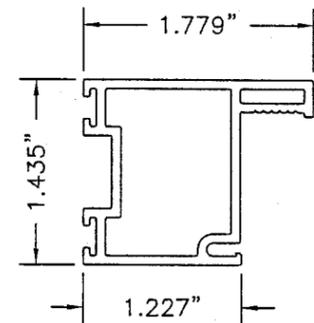
6 UPPER SASH BOTTOM RAIL



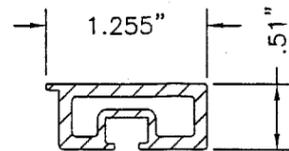
11 SNAP ON MASONRY FLANGE



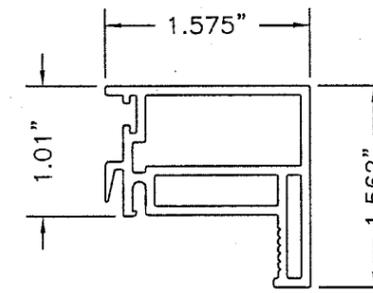
37 HEAD ADAPTER



10 LOWER SASH STILE



35 LIFT RAIL REINFORCEMENT



8 LOWER SASH TOP RAIL

Approved as complying with the Florida Building Code
 Date: 07/28/05
 NO. AM 05-0516.03
 Miami Dade Prefabricated
 Divisions
 By: *Ma Khaw*

Documents Prepared By:

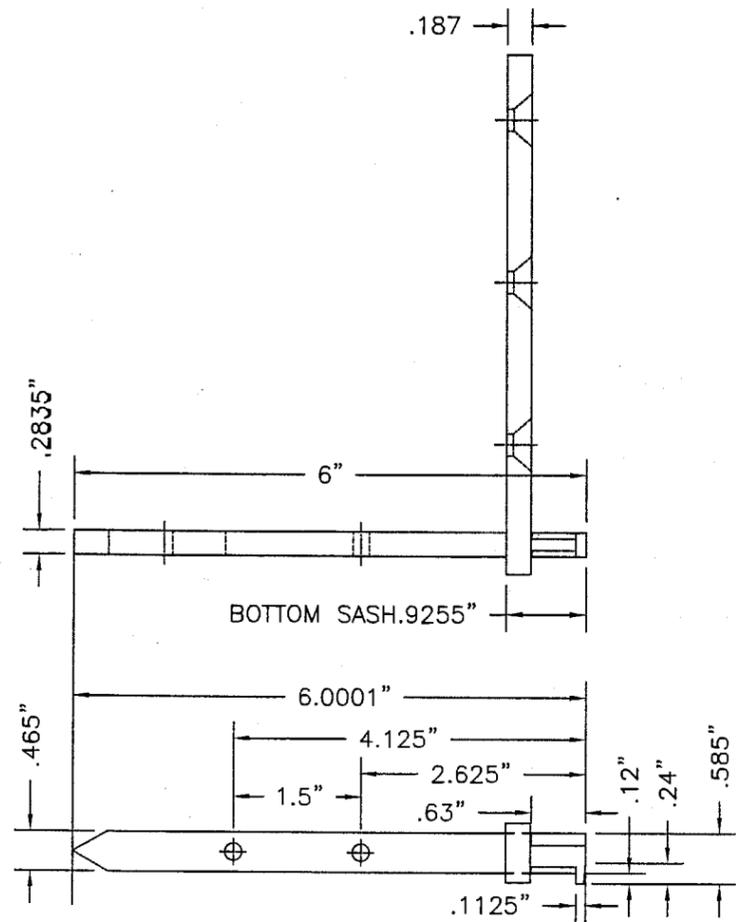
BUILDING CONSULTANTS, INC.
 P.O. Box 230 Vairico FL 33595
 Phone No.: 813.659.9197
 Florida Board of Professional Engineers
 Certificate Of Authorization No. 9813
Wendell W. Haney 6/29/05
 Wendell W. Haney, P.E. No. 54158

PRODUCT:
 SERIES 9500, MODEL 9500
 EXTRUDED VINYL TILT DOUBLE
 HUNG WINDOW WITH FLANGE
 PART OR ASSEMBLY:
 COMPONENTS

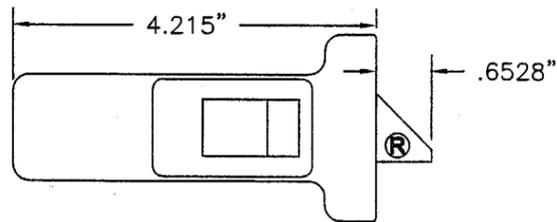
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2	06/29/05	PER DADE LETTER	AM
1	06/16/05	CLARIFY GLAZING SHEET 1	WH

DATE: 04/18/05
 SCALE: N.T.S.
 DWG. BY: WH
 CHK. BY: WWH
 DRAWING NO.: S-2544
 SHEET 4 OF 6

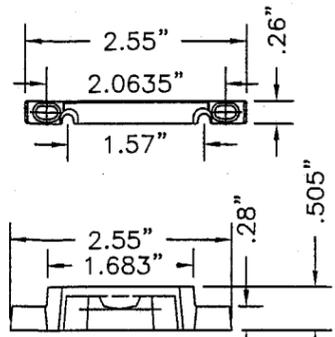
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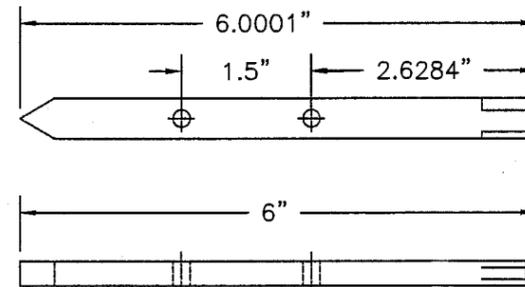
24 BOTTOM SASH HEAVY DUTY PIVOT



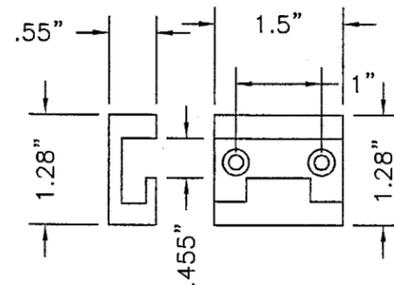
21 TOP SASH POLYMER TILT LATCH



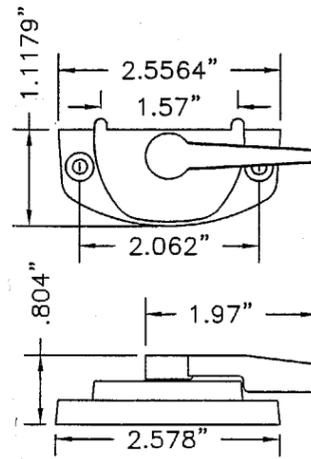
32 SASH LOCK KEEPER



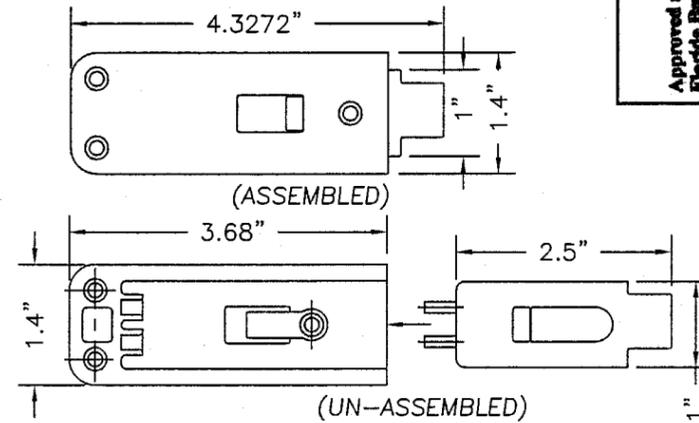
22 TOP SASH PIVOT



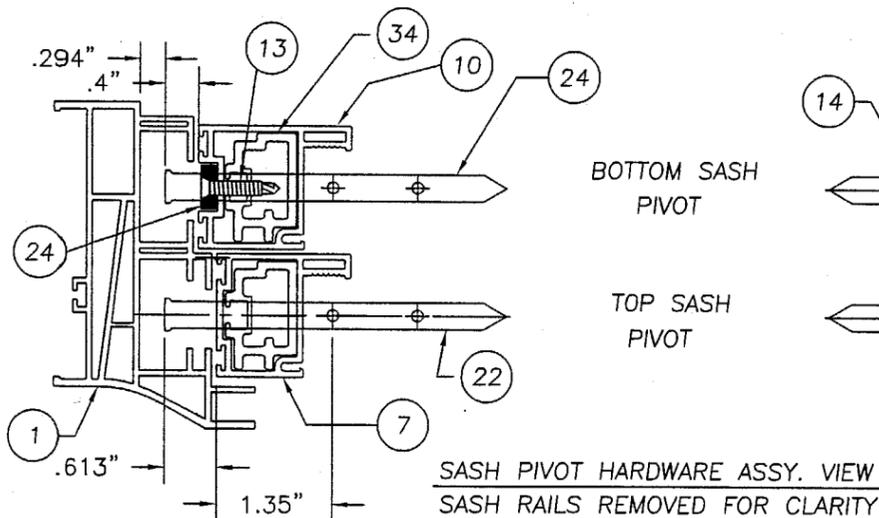
12 HEAVY DUTY TILT LATCH KEEPER



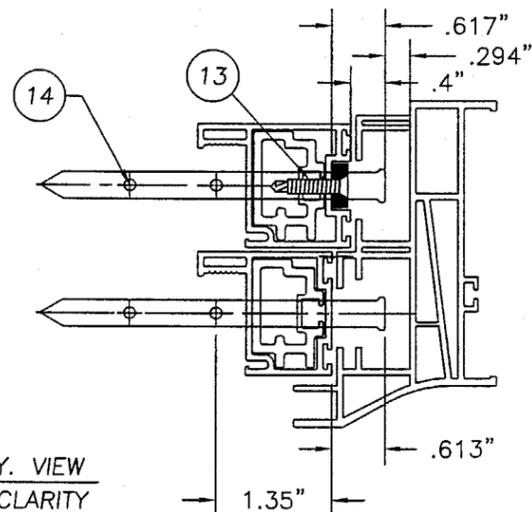
31 SASH LOCK



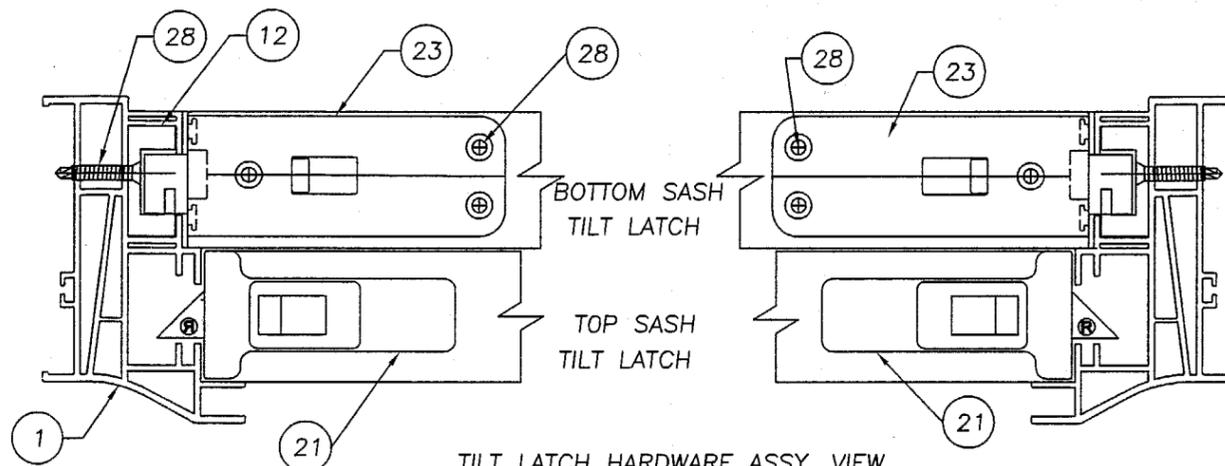
23 BOTTOM SASH HEAVY DUTY TILT LATCH



SASH PIVOT HARDWARE ASSY. VIEW
SASH RAILS REMOVED FOR CLARITY



BOTTOM SASH PIVOT
TOP SASH PIVOT



TILT LATCH HARDWARE ASSY. VIEW
SASH STILES REMOVED FOR CLARITY

Approved as complying with the Florida Building Code
Date 07/28/05
NOA#05-0516-03
Miami Dade Product Control
Division
By *Amr Khan*

Documents Prepared By:
BUILDING CONSULTANTS, INC.
P.O. Box 230 Vero Beach, FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate of Authorization No. 9813
Wendell W. Haney
Wendell W. Haney, P.E. No. 54158

PRODUCT:
9520 SERIES, MODEL 9520
EXTRUDED VINYL TILT DOUBLE
HUNG WINDOW
PART OR ASSEMBLY:
HARDWARE ASSEMBLY &
COMPONENTS DETAIL

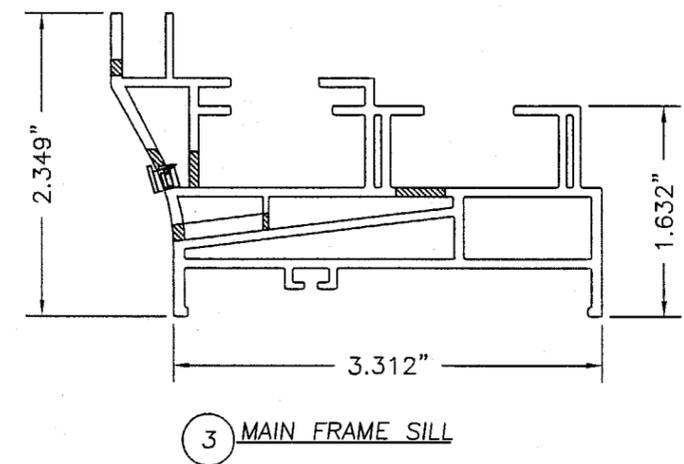
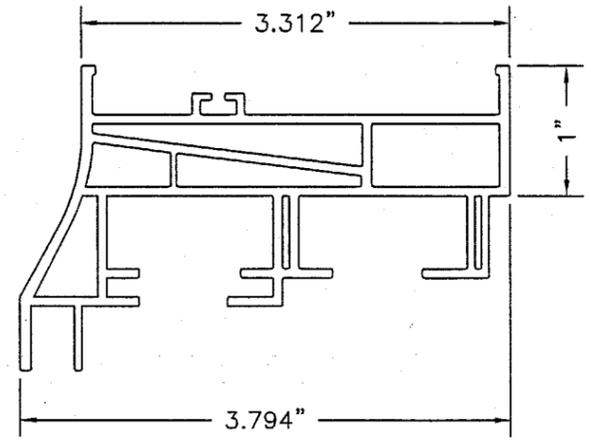
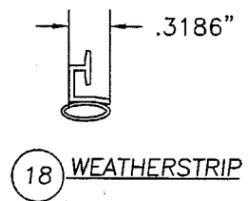
NO.	DATE	REVISIONS
2	06/29/05	PER DADE LETTER
1	06/16/05	CLARIFY GLAZING SHEET 1
		AM
		WH
		BY

DATE: 05/04/05
SCALE: N.T.S.
DWG. BY: EW
CHK. BY: WWH
DRAWING NO.: S-2544
SHEET 5 OF 6

R:\PROJ 650 - 800\PF745\15-2544\15-2544 REV 2\15-2544-6.DWG

ITEM	DESCRIPTION	MATERIAL
1	EXTRUDED PVC MAIN FRAME HEAD / JAMB #52-8601 *	PVC
2	EXTRUDED PVC MAIN FRAME SILL #52-8601 *	PVC
3	WEEP HOLE COVER (SILL) #200-492-021	POLYMER
4	EXTRUDED PVC GLAZING BEAD #52-2217 *	PVC
5	NOT USED	-
6	EXTRUDED PVC UPPER SASH BOTTOM RAIL #52-8507 *	PVC
7	EXTRUDED PVC UPPER SASH STILES #52-8504 *	PVC
8	EXTRUDED PVC LOWER SASH TOP RAIL #52-8508 *	PVC
9	EXTRUDED PVC UPPER / LOWER LIFTING RAIL #52-8506 *	PVC
10	EXTRUDED PVC LOWER SASH STILES #52-8505 *	PVC
11	EXTRUDED PVC SNAP ON MASONRY FLANGE	PVC
12	HEAVY DUTY TILT LATCH KEEPER #12-9513	STEEL
13	#8 x 3/4" PFH SCREW ZINC PLATED	STEEL
14	#8-32 x 1/2" PPH MS	STEEL
15	WINDOW SCREEN	
16	WEATHERSTRIP PILE W/FIN .270 x .270, W21275NW BY ULTRAFAB	
17	WEATHERSTRIP PILE W/FIN .270 x .190, W21195NW BY ULTRAFAB	
18	WEATHERSTRIP Q-LON U-3333-000 BY SCHLEGEL	
19	7/8" INSULATED GLASS (INTERLAYER BY DUPONT) 1/8" ANN. - AIR - 1/8" ANN. / .090 PVB / 1/8" ANN.	GLASS
20	GLAZING COMPOUND PERFECT GLAZE 34-937A NATIONAL STARCH & ADHESIVE	SILICONE
21	TOP SASH POLYMER TILT LATCH	PLASTIC
22	TOP SASH PIVOT	STEEL
23	BOTTOM SASH HEAVY DUTY TILT LATCH #12-9511L-R	PLASTIC
24	BOTTOM SASH HEAVY DUTY PIVOT #12-9514R-L	STEEL
25	2X BUCK	WOOD
26	1/4" SHIM	WOOD
27	MASONRY	CONCRETE
28	#8 x 1" PFH SCREW	STEEL
29	#6 x 1" PFH SCREW ZINC PLATED	STEEL
30	#10 X 2-1/2" PPH SHEET METAL SCREW	STEEL
31	SASH LOCK ASS'Y (DIE CAST ZINC ALUMINUM) #8575	-
32	SASH LOCK KEEPER (ZINC DIE CAST) #8576	-
33	REINFORCING BAR #51-8567	STEEL
34	KEEPER RAIL & STILE REINFORCEMENT #50-8566	ALUMINUM
35	LIFT RAIL REINFORCEMENT # 50-8568	ALUMINUM
36	LOCK RAIL REINFORCEMENT #50-8567	ALUMINUM
37	HEAD ADAPTER #50-8563	ALUMINUM
38	SILL ADAPTER #50-8564	ALUMINUM
39	#8 x 1" PFH SCREW ZINC PLATED	STEEL

* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



Approved as complying with the Florida Building Code
 Date: 03/28/05
 NOAR 05-0516-03
 Miami Code Product Control
 Division
 By: *[Signature]*

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
[Signature]
 Wendell W. Haysey, F.E. No. 54158

PRODUCT:
 SERIES 9520, MODEL 9520
 EXTRUDED VINYL TILT DOUBLE
 HUNG WINDOW
 PART OR ASSEMBLY:
 BILL OF MATERIALS &
 COMPONENTS

NO.	DATE	BY	WH	AM
2	06/29/05			
1	06/16/05			

REVISIONS

DATE: 05/04/05
 SCALE: N.T.S.
 DWG. BY: EW
 CHK. BY: WWH
 DRAWING NO.: S-2544
 SHEET 6 OF 6