



BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Pella Corporation
102 Main Street
Pella, IA 50219

Your application for Notice of Acceptance (NOA) of:

Aluminum Clad Wood Fixed Window - Impact Resistant

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 01-0124.09
EXPIRES: 04/07/2003

Raul Rodriguez
Chief Product Control Division

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 11/15/2001

Pella Corporation

ACCEPTANCE No.: 01-0124.09

APPROVED : NOV 15 2001

EXPIRES : April 7, 2003

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

- 1.1 This revises the Notice of Acceptance No. **99-0723.01**, which was issued on April 7, 2000. It approves an aluminum clad wood fixed window, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

- 2.1 The **Aluminum Clad Wood Fixed Window – Impact Resistant**, and its components shall be constructed in strict compliance with the following documents: Drawing No **1032**, Sheets 1 through 3 of 3, titled "Aluminum Clad Fixed Frame Windows," prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 12/05/00, signed and sealed by Warren W. Schaefer, 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. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

- 3.1 This approval applies to single unit applications and side-by-side installations, as shown in approved drawings.

4. INSTALLATION

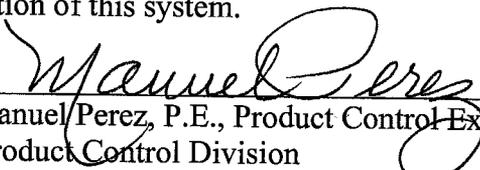
- 4.1 The aluminum clad wood fixed window and its components shall be installed in strict compliance with the approved drawings.
- 4.2 Hurricane protection system (shutters): the installation of this unit **will not require** a hurricane protection system.

5. LABELING

- 5.1 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".

6. BUILDING PERMIT REQUIREMENTS

- 6.1 Application for building permit shall be accompanied by copies of the following:
- 6.1.1 This Notice of Acceptance.
- 6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.
- 6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.


Manuel Perez, P.E., Product Control Examiner
Product Control Division

Pella Corporation

ACCEPTANCE No.: 01-0124.09

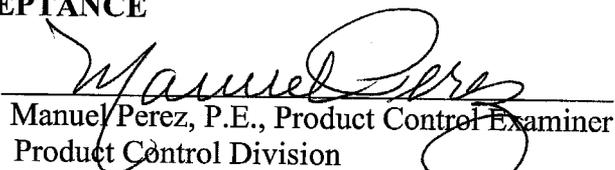
APPROVED : NOV 15 2001

EXPIRES : April 7, 2003

NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
 - b) The product is no longer the same product (identical) as the one originally approved;
 - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
 - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a) Unsatisfactory performance of this product or process.
 - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer needs not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

END OF THIS ACCEPTANCE


Manuel Perez, P.E., Product Control Examiner
Product Control Division

Pella Corporation

ACCEPTANCE No.: 01-0124.09

APPROVED : NOV 15 2001

EXPIRES : April 7, 2003

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED
(For File ONLY. Not part of NOA.)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **1032**, Sheets 1 through 3 of 3, titled "Aluminum Clad Fixed Frame Windows," prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 12/05/00, signed and sealed by Warren W. Schaefer, P.E.

B. TESTS

1. Test reports on 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per PA 202-94
4) Large Missile Impact Test per SFBC, PA 201-94)
5) Cyclic Wind Pressure Loading per SFBC, PA 203-94

along with marked-up drawings and installation diagram of a rectangular and arched top/rectangular and side-by side, aluminum clad wood fixed windows, prepared by American Test Lab of South Florida, Test Report No. **ATL-0125.01**, dated 11/17/99, signed and sealed by William R. Mehner, P.E.

C. CALCULATIONS

1. Anchor Calculations, dated December 5, 2000, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.
2. Glass Calculations per ASTM E-1300, dated 9/7/01, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.

D. MATERIAL CERTIFICATIONS

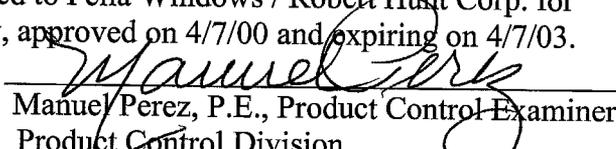
1. Notice of Acceptance No. **98-0608.03**, issued to E. I. DuPont DeNemours for their "Sentry Glass Plus", issued on 01/14/99 and expiring on 01/14/2002.

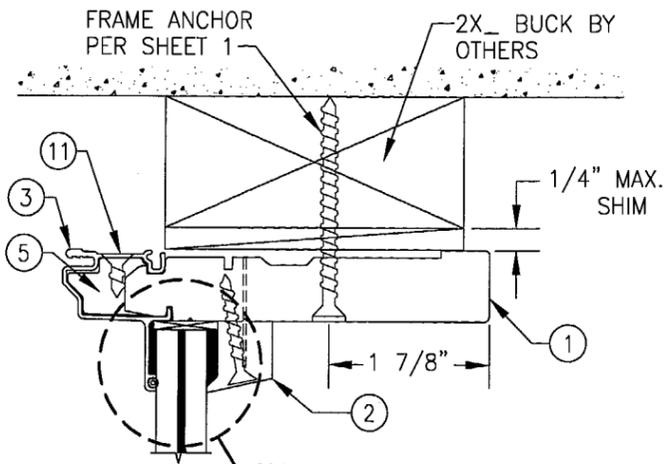
E. STATEMENTS

1. Statement letter of no financial interest, dated December 5, 2000, from W. W. Schaefer Engineering & Consulting, P.A., signed by Warren W. Schaefer, P.E.
2. Laboratory compliance letter for Test Report no. **ATL-0125.01**, issued by American Test Lab of South Florida, dated December 10, 1999, signed and sealed by Mark Fetherman, P.E.
3. Statement letter of conformance, dated December 10, 1999, signed and sealed by Mark Fetherman, P.E.

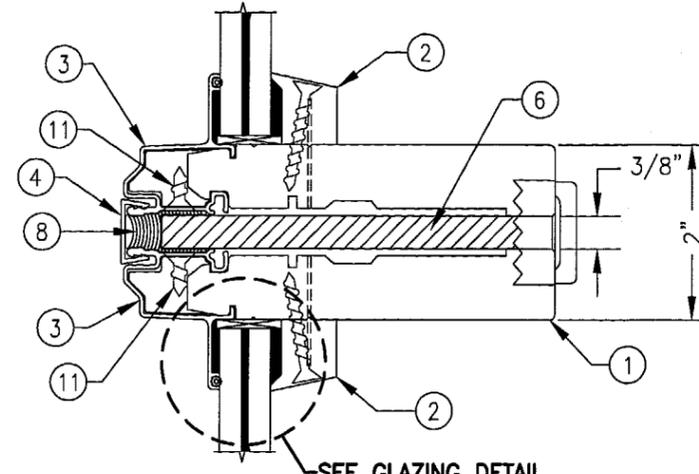
F. OTHER

1. Notice of Acceptance No. **99-0723.01**, issued to Pella Windows / Robert Hunt Corp. for their Aluminum Clad Wood Fixed Window, approved on 4/7/00 and expiring on 4/7/03.

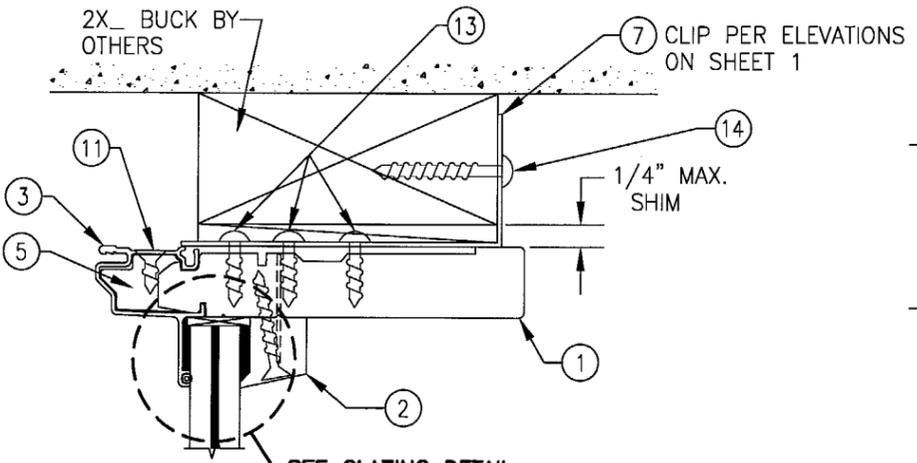

Manuel Perez, P.E., Product Control Examiner
Product Control Division



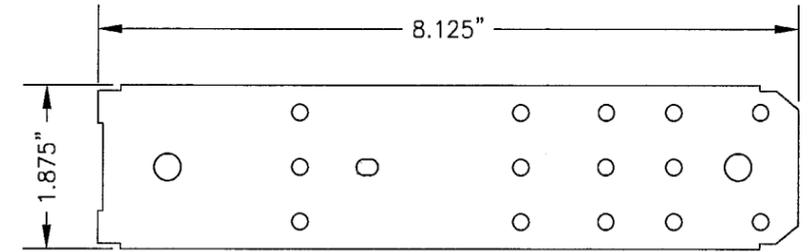
1 STANDARD CROSS SECTION
2 (SCREW MOUNT)



2 TYP. MULLION DETAIL W/WOOD REINF.



1 STANDARD CROSS SECTION
2 (CLIP MOUNT)



INSTALLATION CLIP
0.05" THK. RB 65 GALV. STEEL

BILL OF MATERIALS

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS		
1	JAMB	4.27" X 0.812" SELECT SOFT WOOD
2	GLAZING STOP	0.665" X 0.815" SELECT SOFT WOOD
3	JAMB CLADDING/COVER	0.045" THK. 6063-T6 ALUMINUM
4	MULLION CLIP	0.047" THK. 6063-T6 ALUMINUM (CONT.)
5	JAMB CORNER KEY	NYLON
6	WOOD MULLION REINFORCEMENT	3/8"X4 13/16" P.T. SO. PINE (G = 0.55)
7	INSTALLATION CLIP	0.05" THK. RB 65 GALV. STEEL
SEALS & SEALANTS		
8	SILICONE SEALANT	LATEX
9	BULB GASKET	PVC
MISCELLANEOUS FASTENERS		
10	#6 X 1 1/4" S.S. FH	3" FROM CORNERS & 9" MAX. O.C.
11	#10 X 1/2" S.S. PFH	2 PER JAMB CORNER KEY
12	1" X 1/2" CORRUGATED FASTENER	4" FROM ENDS & 10" TO 12" O.C.
13	#8 X 3/4" PH SCREW	3 PER CLIP INTO JAMB
14	#8 X 1 1/2" PH SCREW	1 PER CLIP INTO BUCK
15	1/4" X 1 1/8" 18 GA STAPLE	WITHIN 4" FROM CORNERS & MAX 12" O.C.

DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 12/05/00
NO.	REVISION DESCRIPTION

ALUMINUM CLAD DIRECT GLAZED FIXED WINDOWS

MANUFACTURER

PELLA CORPORATION
102 MAIN STREET
PELLA, IA 50219
641-621-1000

CONSULTANTS

W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
600 SANDTREE DRIVE, SUITE 203B
PALM BEACH GARDENS, FL 33403
PHONE: 561-775-4902 FAX: 561-775-4903

CERTIFICATION

OCT 24 2001

WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

DRAWING NO. 1032

SHEET NO. 2 OF 3

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE

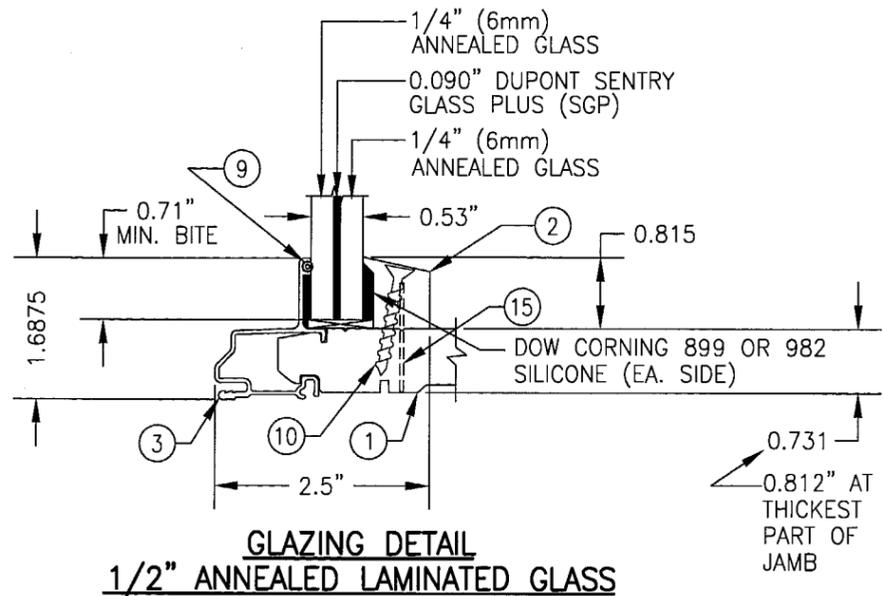
DATE NOV 15 2001

BY *Warren W. Schaefer*

PRODUCT CONTROL DIVISION

BUILDING CODE COMPLIANCE OFFICE

ACCEPTANCE NO. 01-012409

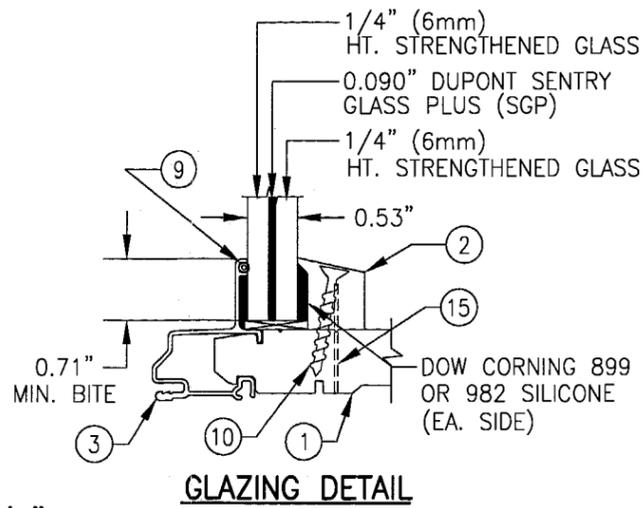


GLAZING DETAIL
1/2" ANNEALED LAMINATED GLASS

ALLOWABLE DESIGN PRESSURE

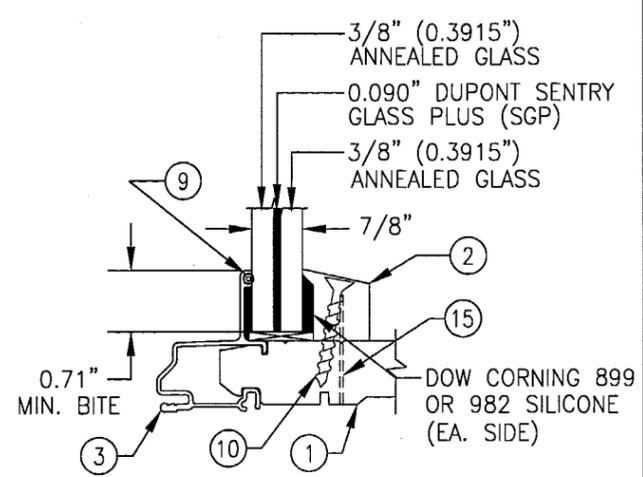
SHORT DIMENSION (1)	DESIGN LOAD CAPACITY (POSITIVE & NEGATIVE PSF) (2)(3)																			
	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.
30"	90	95	90	95	90	95	90	95	90	95	90	95	90	95	90	95	90	95	90	95
36"	90	95	90	95	90	95	90	95	90	95	90	95	90	95	90	95	90	95	90	95
42"	90	95	90	95	90	95	90	95	90	95	90	95	90	95	90	95	90	95	90	95
48"	90	95	90	95	90	95	86.2	86.2	0	0	0	0	0	0	0	0	0	0	0	0
50"	90	95	90	95	90	91.8	81.6	81.6	0	0	0	0	0	0	0	0	0	0	0	0
54"	90	95	90	92.6	82.5	82.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60"	N/A	N/A	81.0	81.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1) LONG DIMENSION	54"	60"	66"	73"	78"	84"	90"	96"	108"	120"										

- (1) ALL WINDOW DIMENSION VALUES SHOWN ARE +/- 1/2" & ARE FRAME (F.H. & F.W.) DIMENSIONS
- (2) "N/A" = SIZE NOT APPLICABLE DUE TO SHORT DIMENSION BEING LARGER THAN LONG DIMENSION.
- (3) "0" MEANS THAT THAT SIZE CAN NOT BE USED AND ALLOWABLE LOAD = 0.



GLAZING DETAIL
1/2" HT. STRENGTHENED LAMINATED GLASS

ALLOWABLE DESIGN PRESSURE
WITH 1/2" HEAT STRENGTHENED
LAMINATED GLASS = +75/-80 PSF
FOR ALL WINDOW SIZES UP TO
50.0 SQ.FT. IN FRAME AREA.



GLAZING DETAIL
7/8" ANNEALED LAMINATED GLASS

ALLOWABLE DESIGN PRESSURE

SHORT DIMENSION (1)	DESIGN LOAD CAPACITY (POSITIVE & NEGATIVE PSF)					
	POS.	NEG.	POS.	NEG.	POS.	NEG.
54"	90	105	90	105	90	105
60"	90	105	90	98.9	90	90.9
(1) LONG DIMENSION	96"	108"	120"			

ALL SIZES SMALLER THAN THOSE SHOWN
IN THIS TABLE ARE ACCEPTABLE WITH A
DESIGN PRESSURE OF +90/-105 PSF.

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE **NOV 15 2001**
BY *Warren W. Schaeffer*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. **01-0124.09**

DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 12/05/00
NO.	REVISION DESCRIPTION
BY	DATE
ALUMINUM CLAD DIRECT GLAZED FIXED WINDOWS CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903	
MANUFACTURER PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000	
CERTIFICATION OCT 24 2001 <i>Warren W. Schaeffer</i> WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1032	REV.
SHEET NO. 3	OF 3