



**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.: 01-0124.03  
EXPIRES: 10/29/2006

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: 10/29/2001

**Pella Corporation**

ACCEPTANCE No.: 01-0124.03

APPROVED : OCT 29 2001

EXPIRES : OCT 29 2006

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1. SCOPE**

- 1.1 This approves a 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 **1031**, Sheets 1 and 2 of 2, titled "Aluminum Clad Fixed Casement Windows," prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 12/01/00, 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**

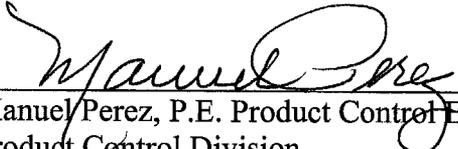
- 4.1 The wood fixed window and its components shall be installed in strict compliance with the approved drawings.
- 4.2 Hurricane protection system (shutters): the installation of this unit **will not require** a hurricane protection system.

**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.:** 01-0124.03

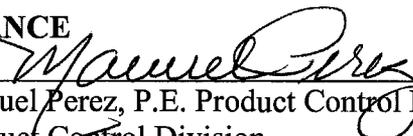
**APPROVED** : OCT 29 2001

**EXPIRES** : OCT 29 2006

**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 need 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.: 01-0124.03

APPROVED : OCT 29 2001

EXPIRES : OCT 29 2006

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

*(For File ONLY. Not part of NOA.)*

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No **1031**, Sheets 1 and 2 of 2, titled "Aluminum Clad Fixed Casement Windows", prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 12/01/00, signed and sealed by Warren W. Schaeffer, P.E.

**B. TESTS**

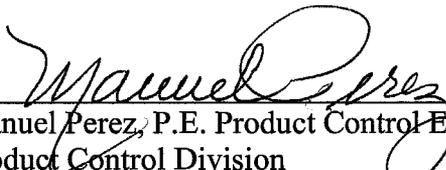
1. Test reports on
  - 1) Air Infiltration Test, per SFBC PA 202-94
  - 2) Uniform Static Air Pressure Test, Loading per SFBC PA 202-94
  - 3) Water Resistance Test, per SFBC PA 202-94
  - 4) Large Missile Impact Test per SFBC, PA 201-94
  - 5) Cyclic Wind Pressure Loading per SFBC, PA 203-94along with marked-up drawings and installation diagram of an aluminum clad wood fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Report #FTL 00165, dated 10/18/00, signed and sealed by Jose A. Acevedo, P.E.
2. Test reports on
  - 1) Air Infiltration Test, per ASTM E-238
  - 2) Uniform Static Air Pressure Test, Loading per PA 202.
  - 3) Water Resistance Test, per ASTM E547/E331
  - 4) Forced Entry Test, per AAMA 1302.5
  - 5) Large Missile Impact and Cyclic Test per PA 201 & 203along with marked-up drawings and installation diagram of an aluminum casement window, prepared by American Test Lab of South Florida, Test Report No. ATL-98039, dated 4/28/99, signed and sealed by W. R. Mehner, P.E. & G. S. Sullivan, P.E.  
**(Submitted under file #99-0519.02 for reference only.)**

**C. CALCULATIONS**

1. Anchor Calculations and structural analysis, dated 12/05/00, prepared, signed and sealed by Warren W. Schaeffer, P.E.
2. Anchor Calculations and structural analysis, dated 04/16/99, prepared, signed and sealed by W. W. Haney, P.E.  
**(Submitted under file #99-0519.02 for reference only.)**

**D. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **98-0608.03** issued to E.I. DuPont DeNemours for "Sentry Glass Plus" dated 01/14/99, expiring on 01/14/02.

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

**Pella Corporation**

ACCEPTANCE No.: 01-0124.03

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**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

*(For File ONLY. Not part of NOA.)*

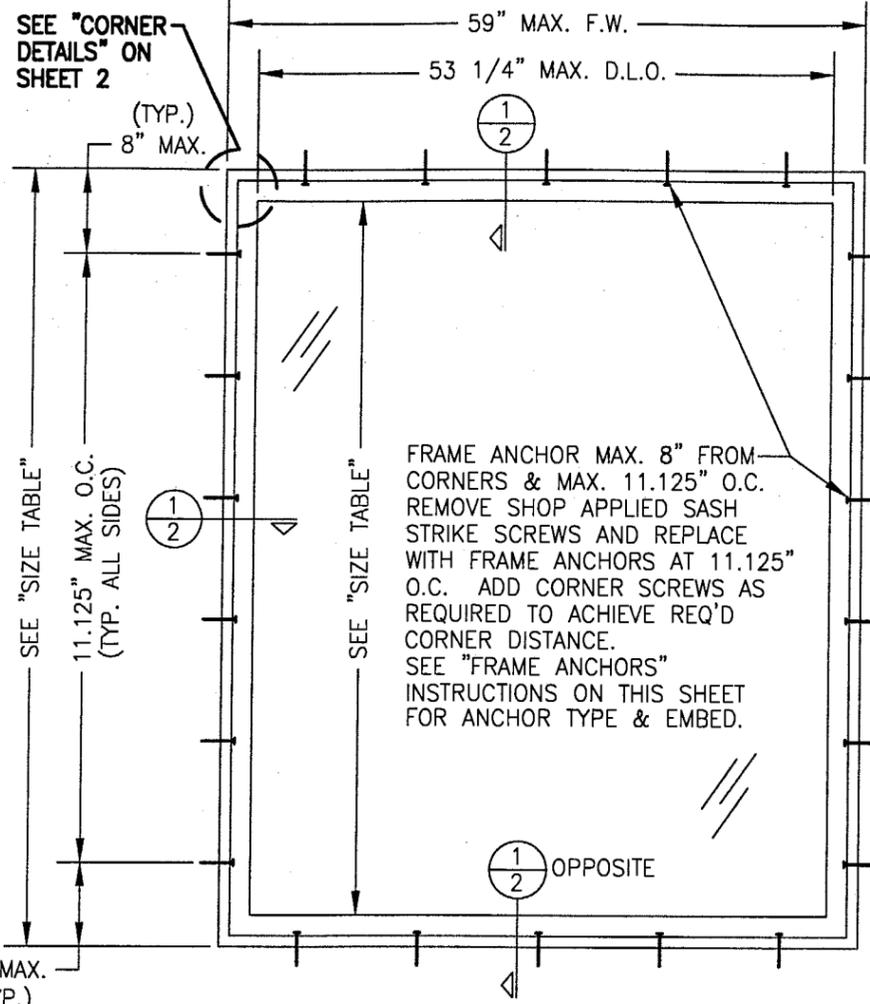
**E. STATEMENTS**

1. Statement letter of conformance, dated December 5, 2000, signed and sealed by Warren W. Schaeffer, P.E.
2. Statement letter of no financial interest, dated December 5, 2000, signed and sealed by Warren W. Schaeffer, P.E.
3. Laboratory compliance letter for Test Report No. **FTL 00165**, issued by Fenestration Testing Laboratory, Inc, dated 2/8/01, signed and sealed by Jose A. Acevedo, P.E.

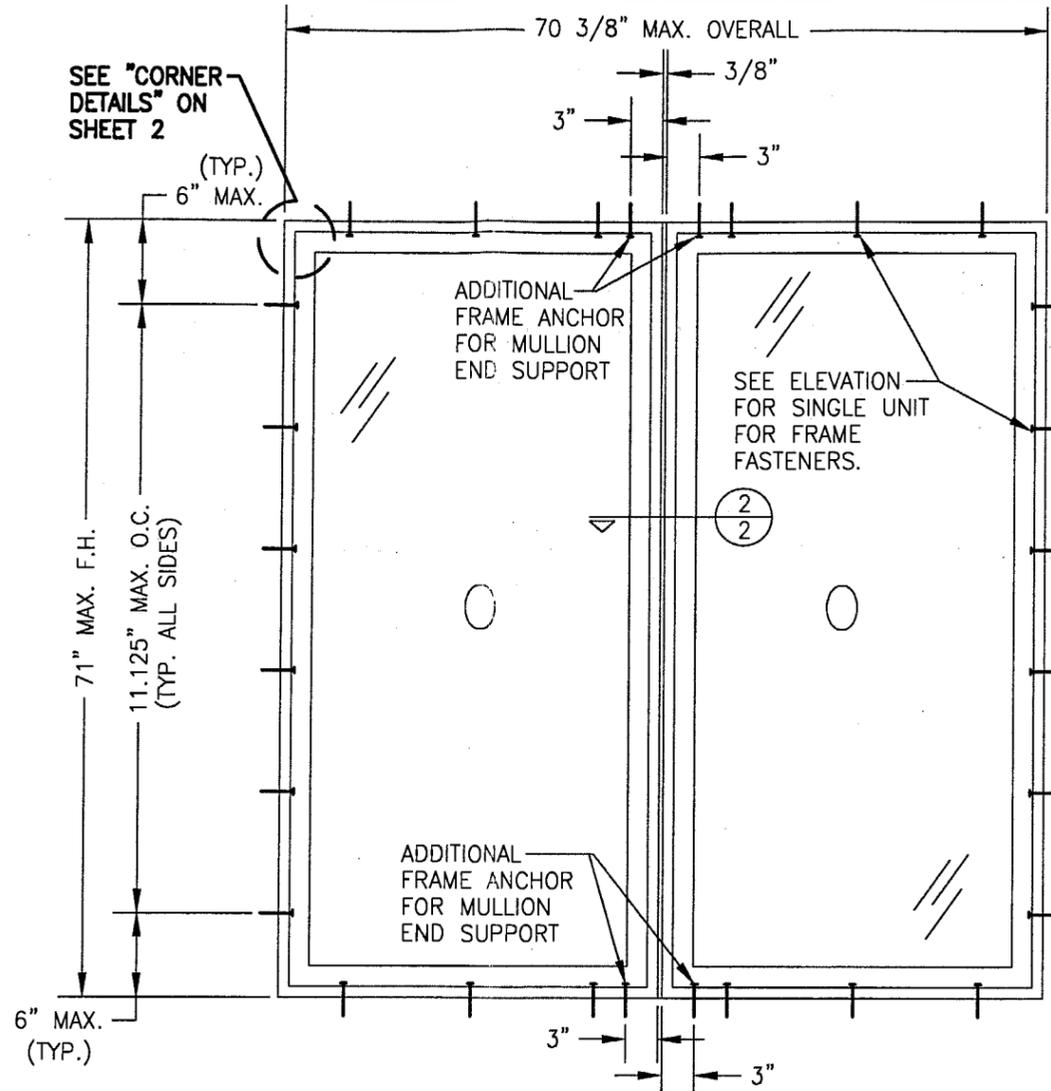
**F. OTHERS**

1. None.

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



**EXTERIOR ELEVATION: SINGLE FIXED CASEMENT**



**EXTERIOR ELEVATION: MULTIPLE FIXED CASEMENTS  
(MAX. FOUR UNITS MAY BE COMBINED)**

NOTE: SEE DRAWING NO. 1030 UNDER SEPERATE APPROVAL FOR FIXED CASEMENT COMBINED WITH VENTED CASEMENT.

**GENERAL NOTES**

1. THIS PRODUCT IS DESIGNED TO MEET THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR MIAMI-DADE COUNTY.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. PRODUCT ANCHORS SHALL BE AS LISTED AS SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
4. IMPACT RESISTANT SHUTTERS NOT REQUIRED.
5. ALL DIMENSIONS ARE GIVEN IN INCHES UNLESS OTHERWISE SHOWN.
6. LATEX OR SILICONE CAULKING SEALANT SHALL BE USED BETWEEN ALUMINUM CLADDING AND WOOD BUCK.

**PRODUCT DESCRIPTION**

**FRAME CONSTRUCTION:**

SELECT SOFT WOOD, FINGER JOINTED WITH CLEAR PINE VENEER. EXTERIOR SURFACE CLAD WITH ALUMINUM.

**PANEL CONSTRUCTION:**

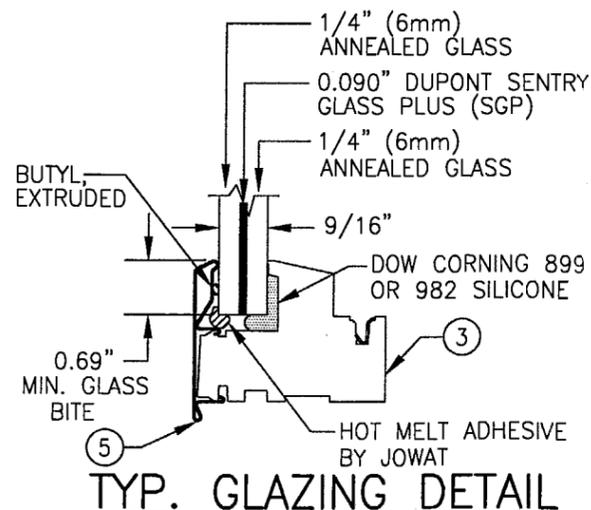
SELECT SOFT WOOD, FINGER JOINTED WITH CLEAR PINE VENEER. EXTERIOR SURFACES CLAD WITH ALUMINUM.

**VENT CONSTRUCTION:**

ALL CORNERS MORTISED AND TENONED, GLUED AND SECURED WITH ONE BRAD NAIL, IN THE STILES TOP AND BOTTOM RAILS.

**TYP. FRAME ANCHORS (FIXED CASEMENTS):**

1. FRAME TO 2X\_ WOOD BUCK: NO. 10 SMS WITH MIN. 1 3/8" BUCK EMBED SPACED PER ELEVATIONS.
2. FRAME TO BLOCK/CONCR. WITH 1X\_ CONT. SPACER: 1/4" TAPCONS WITH MIN. 1 1/4" BLOCK/CONCR. EMBED & MIN. 2 1/2" BLOCK/CONCR. EDGE DISTANCE.
3. MULLION ENDS: ADDITIONAL NO. 10 SMS WITH MIN. 1 3/8" BUCK EMBED OR 1/4" TAPCON WITH MIN. 1 1/4" BLOCK/CONCR. EMBED PER ELEVATIONS.



**TYP. GLAZING DETAIL**

**ALLOWABLE WINDOW SIZE TABLE**

WIDTH (IN.)	HEIGHT (IN.)	D.L.O. (IN.)	
(IN.)	(IN.)	WIDTH	HEIGHT
29	144	23 1/4	138 1/4
30	139	24 1/4	133 1/4
36	116	30 1/4	110 1/4
42	99	36 1/4	93 1/4
48	87	42 1/4	81 1/4
54	77	48 1/4	71 1/4
59	71	53 1/4	65 1/4

APPLICABLE FOR SNGLE WINDOWS ONLY.

**ALLOWABLE DESIGN LOAD**

	POSITIVE	NEGATIVE
SINGLE UNITS	75 PSF	75 PSF
MULTIPLE UNITS	70 PSF	70 PSF

DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1=16	DATE: 12/01/00
DATE	
BY	
REVISION DESCRIPTION	
NO.	

**ALUMINUM CLAD FIXED CASEMENT WINDOWS**

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

**PELLA**

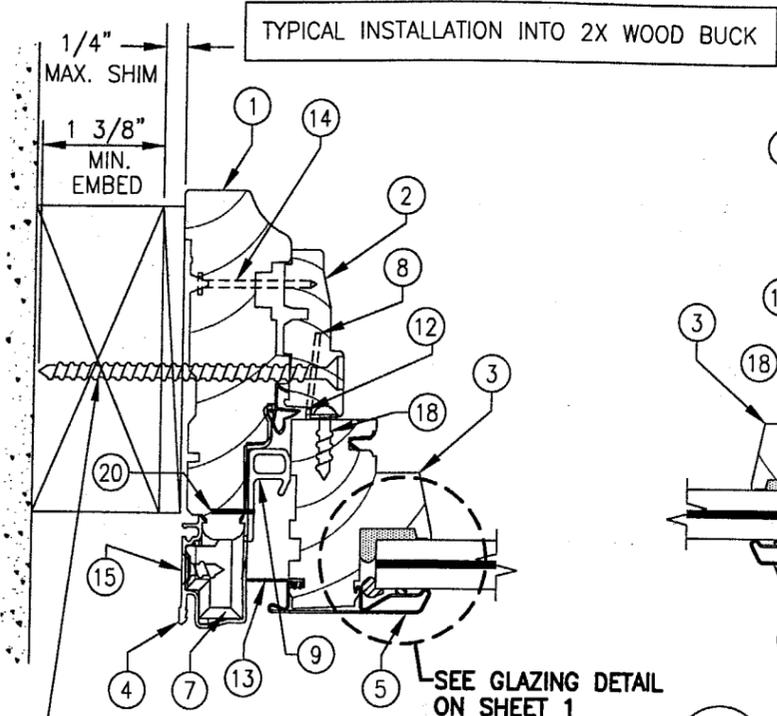
**W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.**  
600 SANDTREE DRIVE, SUITE 203B  
PALM BEACH GARDENS, FL 33403  
PHONE: 561-775-4902 FAX: 561-775-4903

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

**CERTIFICATION**  
JAN 05 2001

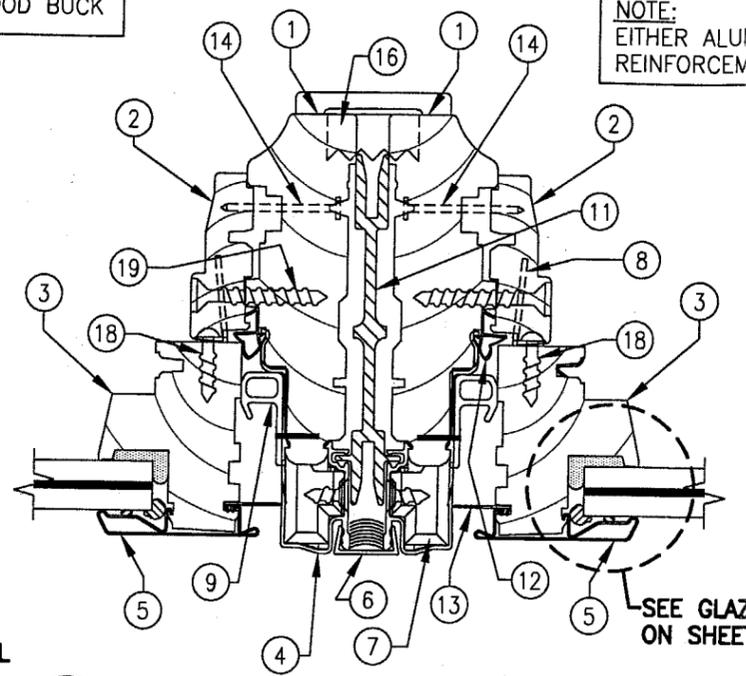
APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE **OCT 29 2001**  
BY *Manuel Perez*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. **01-0124-03**

DRAWING NO. **1031** REV.  
SHEET NO. **1** OF **2**

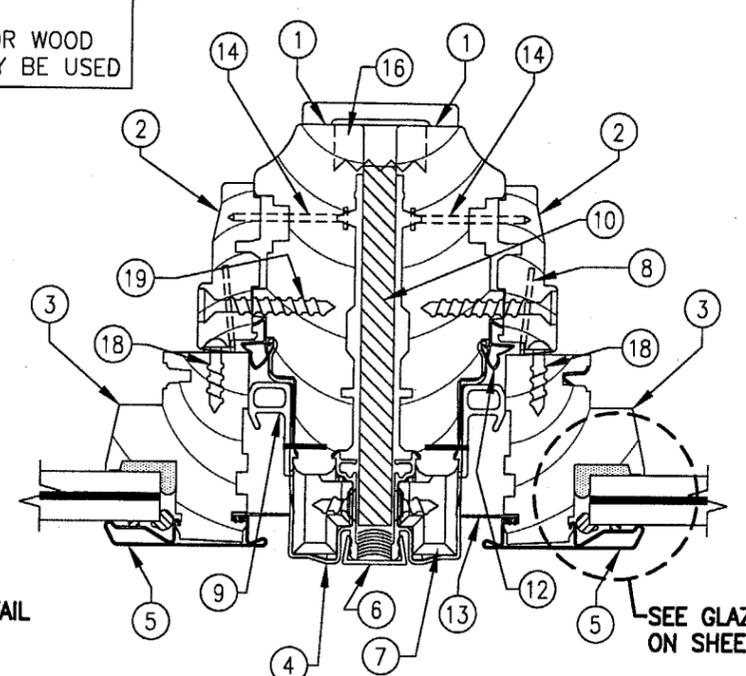


TYPICAL INSTALLATION INTO 2X WOOD BUCK

NOTE:  
EITHER ALUMINUM OR WOOD  
REINFORCEMENT MAY BE USED



SEE GLAZING DETAIL  
ON SHEET 1



SEE GLAZING DETAIL  
ON SHEET 1

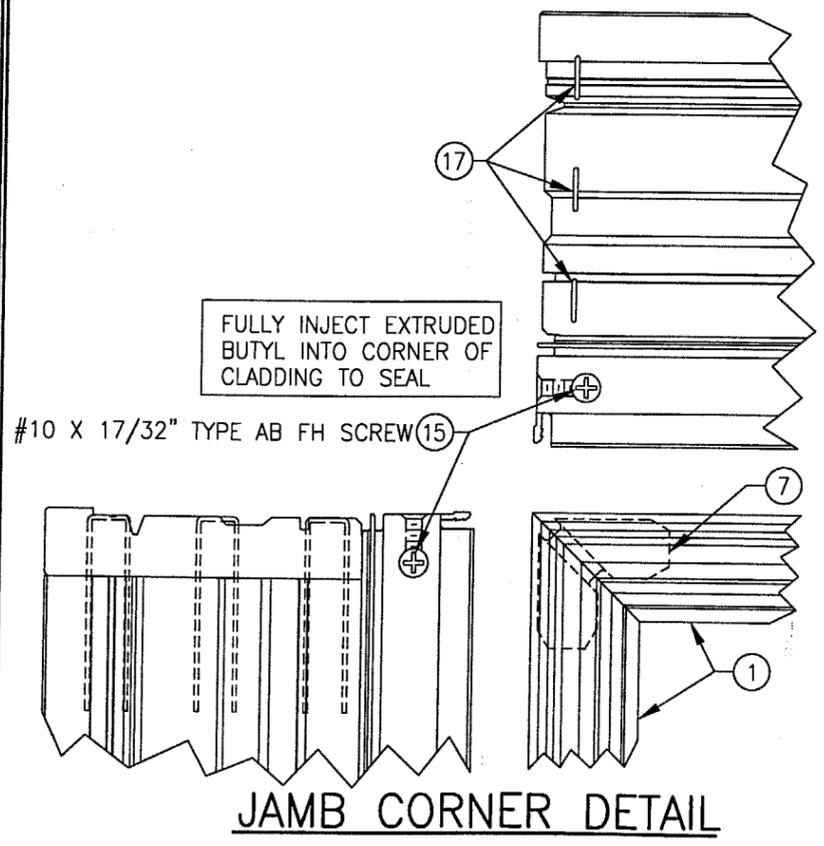
#10 SMS PER ELEVATIONS.  
REMOVE SHOP APPLIED SASH STRIKE SCREWS  
& REPLACE IN FIELD WITH FRAME SCREWS.  
ADD SCREWS AT CORNERS AS REQ'D.

- 1 JAMB DETAIL
- 2 FIXED UNIT

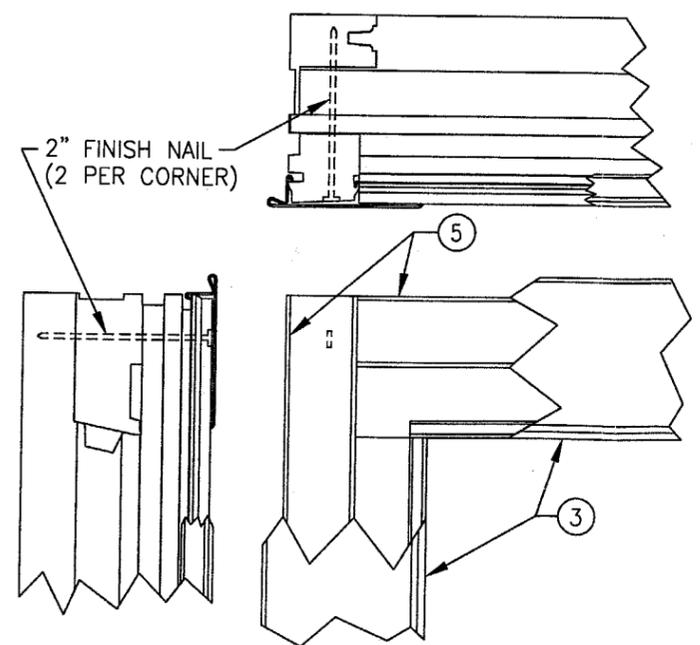
- 2 TYP. MULLION DETAIL W/ALUMINUM REINF.  
SHOWN WITH FIXED UNITS

- 2 TYP. MULLION DETAIL W/WOOD REINF.  
SHOWN WITH FIXED UNITS

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE **OCT 29 2001**  
BY *Manuel Perez*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. **01-0124-03**



JAMB CORNER DETAIL



SASH CORNER DETAIL

SASH IS MORTISED & TENONED AND GLUED  
WITH A THERMOSETTING EMULSION ADHESIVE;  
DUROLOK BY NATIONAL STARCH & CHEMICAL  
COMPANY.

BILL OF MATERIALS

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS		
1	JAMB	4" X 1 1/4" SELECT SOFT WOOD
2	SASH STOP	1.92" X 0.698" SELECT SOFT WOOD
3	SASH	2.16" X 1.625" SELECT SOFT WOOD
4	JAMB CLADDING/COVER	0.04" THK. 6063-T6 ALUMINUM
5	SASH CLADDING/COVER	0.0235" THK. 3003-H14 ALUMINUM
6	MULLION CLIP	0.047" THK. 6063-T6 ALUMINUM (CONT.)
7	JAMB CORNER KEY	NYLON
8	0.35" X 0.988" S.S. FIXED SASH STRIKE	PELLA; 1.688" LONG; UP TO 12.5" FROM CORNERS & SPACED UP TO 11.25" O.C.
9	4" LONG FIXED SASH SPACER	PELLA; RIGID PVC (3 PER SIDE)
10	3/8" WOOD MULLION REINFORCEMENT	P.T. SOUTHERN PINE (G = 0.55)
11	ALUMINUM 3/8" MULLION REINFORCEMENT	6063-T5 OR T6 ALUMINUM W/1/8" WALL
SEALS & SEALANTS		
12	WEATHERSTRIP	PVC
13	RAINTRIP	PVC
MISCELLANEOUS FASTENERS		
14	1 3/8" RING SHANK NAIL	4" FROM CORNERS & 6" - 8" O.C.
15	#10 X 1/2" S.S. PFH	2 PER JAMB CORNER KEY
16	1" X 1/2" CORRUGATED FASTENER	4" FROM ENDS & 10" TO 12" O.C.
17	1/2" X 2 1/4" 16 GA. STAPLES	3 PER FRAME CORNER
18	#8 X 3/4" PH	2 PER SASH STRIKE/CLIP
19	#10 X 1 1/2" PFH	WITHIN 6" OF MULLION ENDS & MAX. 11.125" O.C. THROUGH SASH STRIKES
20	1/2" X 5/8" STAPLES	1 PER SPACER

DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 12/01/00
DATE	
BY	
REVISION DESCRIPTION	
NO.	

**ALUMINUM CLAD FIXED CASEMENT WINDOWS**

MANUFACTURER

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

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

DRAWING TITLE

CERTIFICATION  
**JAN 05 2001**

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

DRAWING NO. <b>1031</b>	REV.
SHEET NO. <b>2</b>	OF <b>2</b>