



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 Casement Windows - 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.: 01-0124.04
EXPIRES: 09/16/2002

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: 08/30/2001

Pella Corporation

ACCEPTANCE No.: 01-0124.04

APPROVED : AUG 30 2001

EXPIRES : September 16, 2002

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

1.1 This revises the Notice of Acceptance No. **99-0519.02**, which was issued on September 16, 1999. It approves a wood casement 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 Casement Window** and its components shall be constructed in strict compliance with the following documents: Drawing No **1030**, Sheets 1 through 3 of 3, titled "Aluminum Clad Vented Casement Window," 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 & multiple unit applications only, as shown in approved drawings.

4. INSTALLATION

4.1 The wood casement window and its components shall be installed in strict compliance with the approved drawings.

4.2 The installation of this units **will not require** a hurricane protection system (shutters).

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".

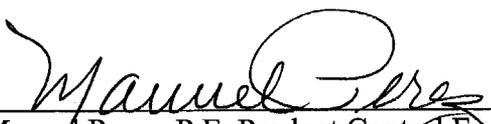
6. BUILDING PERMIT REQUIREMENTS

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.: 01-0124.04

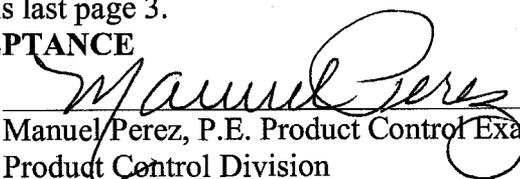
APPROVED : AUG 30 2001

EXPIRES : September 16, 2002

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.: 01-0124.04

APPROVED : AUG 30 2001

EXPIRES : September 16, 2002

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA.)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **1030**, Sheets 1 through 3 of 3, titled "Aluminum Clad Vented Casement Window," prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 12/01/00, signed and sealed by Warren W. Schaefer, P.E.

B. TESTS

1. 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 Fenestration Testing Laboratory, Inc., Test Report No. **FTL-00164**, dated 12/05/00, signed and sealed by Jose Acevedo, P.E.

C. CALCULATIONS

1. Anchor Calculations and structural analysis, dated 12/14/00, 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 "Sentry Glass Plus" dated 01/14/99, expiring on 01/14/02.

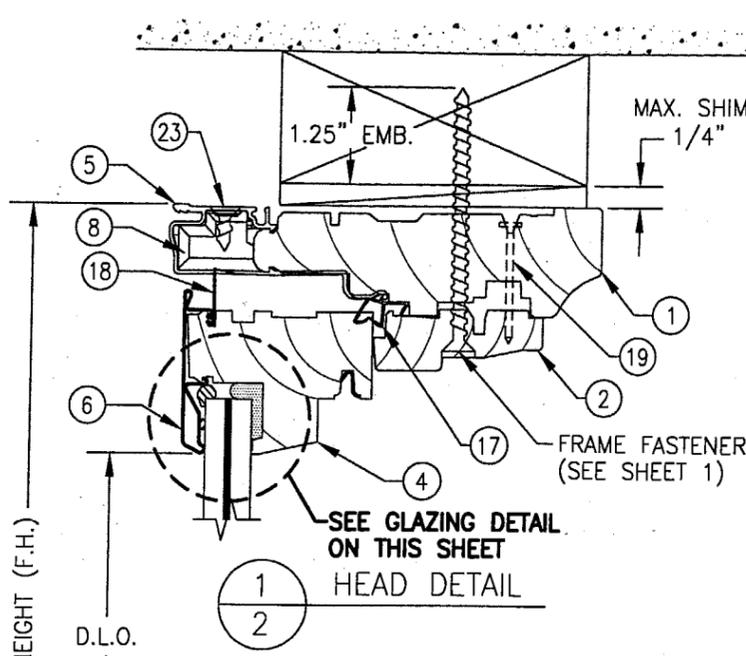
E. STATEMENTS

1. Laboratory compliance letter for Test Report No. **FTL-00164**, issued by Fenestration Testing Laboratory, Inc., dated 12/05/00, signed and sealed by Jose Acevedo, P.E.
2. Statement letter of no financial interest, dated December 5, 2000, signed and sealed by Warren W. Schaefer, P.E.

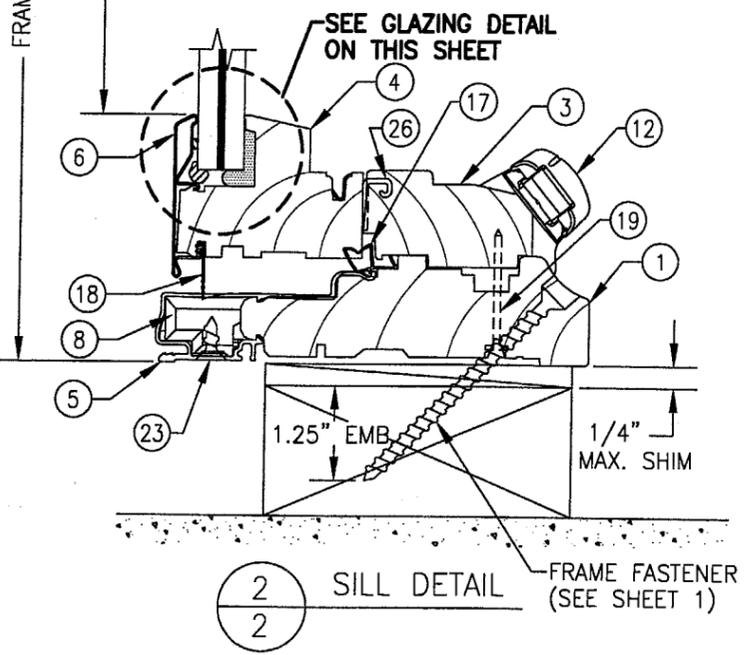
F. OTHER

1. Notice of Acceptance No. **99-0519.02**, issued to Pella Corporation. for their Aluminum Clad Casement Window, approved on 9/16/99 and expiring on 9/16/02.


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

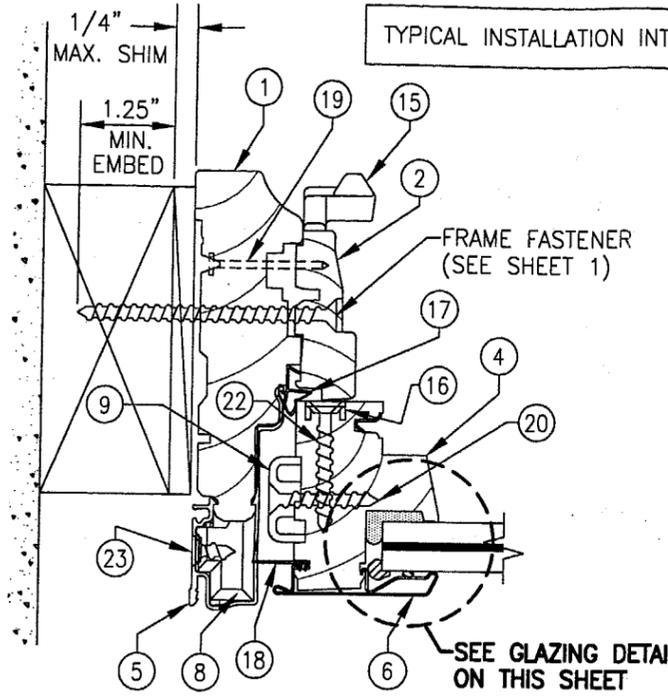


1 HEAD DETAIL
2

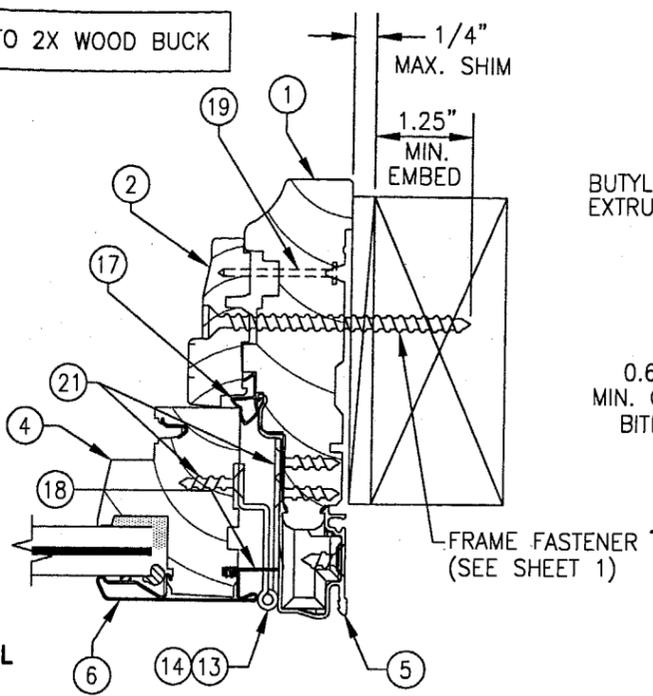


2 SILL DETAIL
2

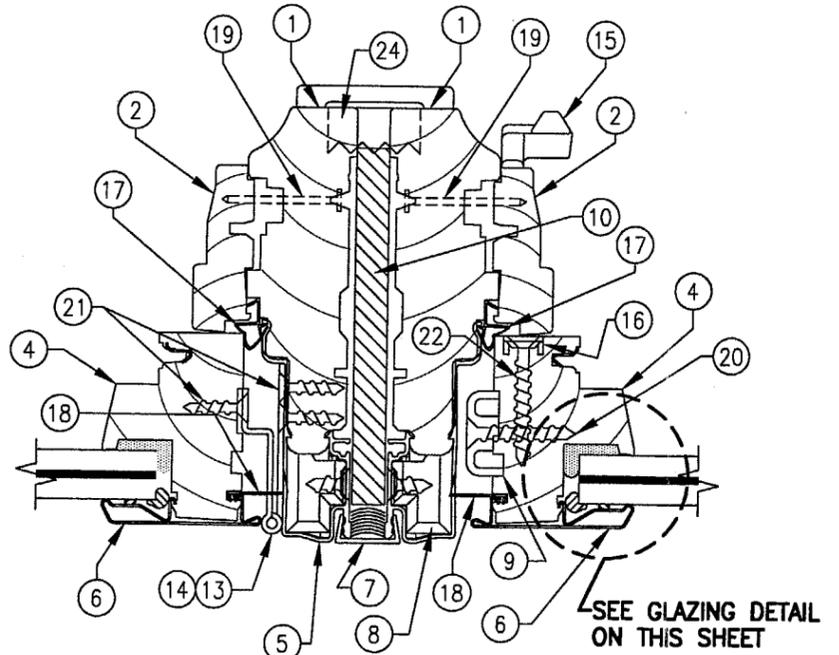
TYPICAL INSTALLATION INTO 2X WOOD BUCK



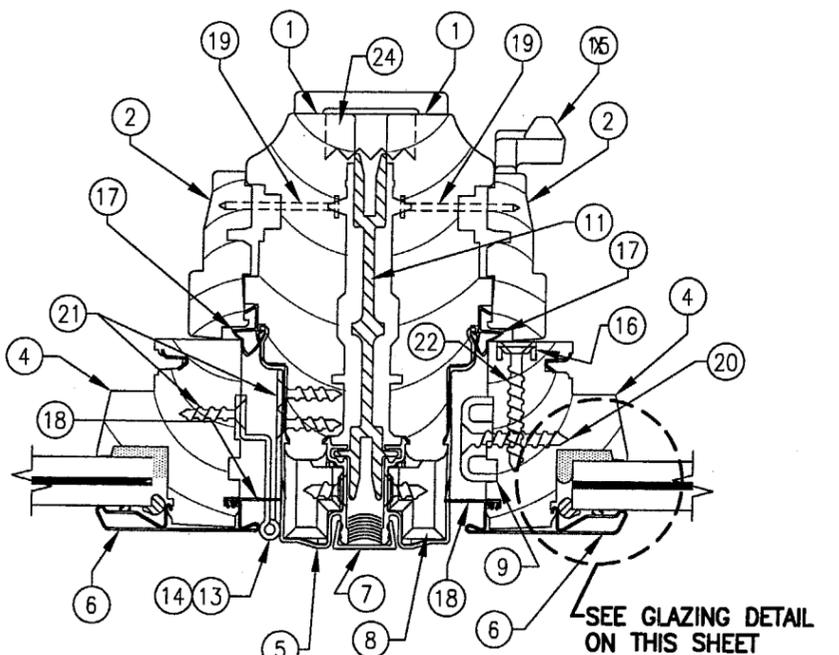
3 LOCK JAMB DETAIL
2



4 HINGE JAMB DETAIL
2

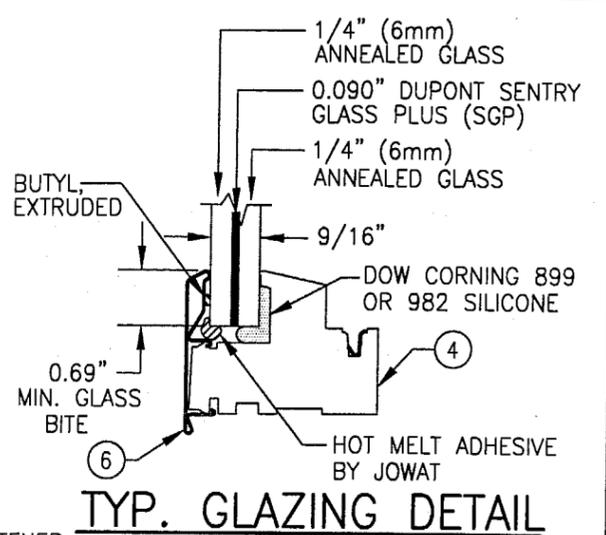


5 TYP. MULLION DETAIL W/WOOD REINFORCEMENT
2 SHOWN WITH VENTED UNITS
(VENTED TO FIXED MULLION IS SAME)



5 TYP. MULLION DETAIL W/ALUMINUM REINFORCEMENT
2 SHOWN WITH VENTED UNITS
(VENTED TO FIXED MULLION IS SAME)

NOTE:
EITHER ALUMINUM OR WOOD
REINFORCEMENT MAY BE USED



TYP. GLAZING DETAIL

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

DRAWING TITLE: ALUMINUM CLAD VENTED CASEMENT WINDOWS

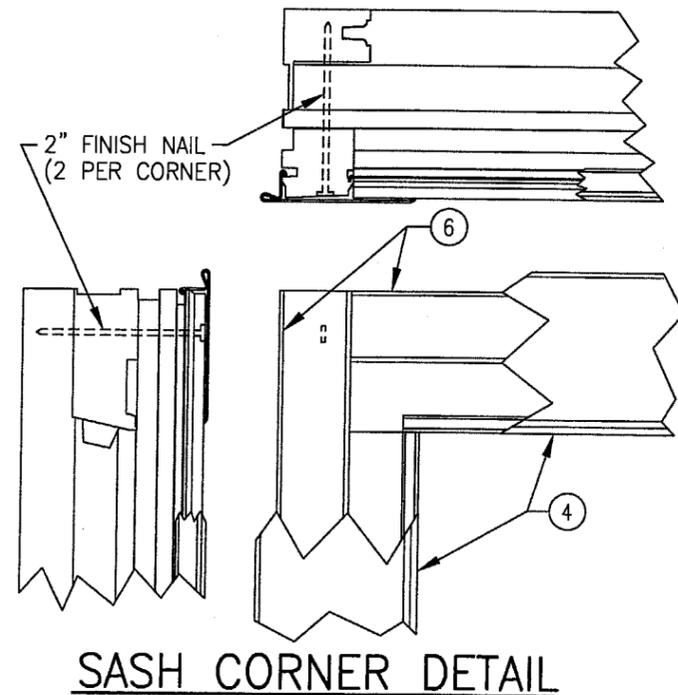
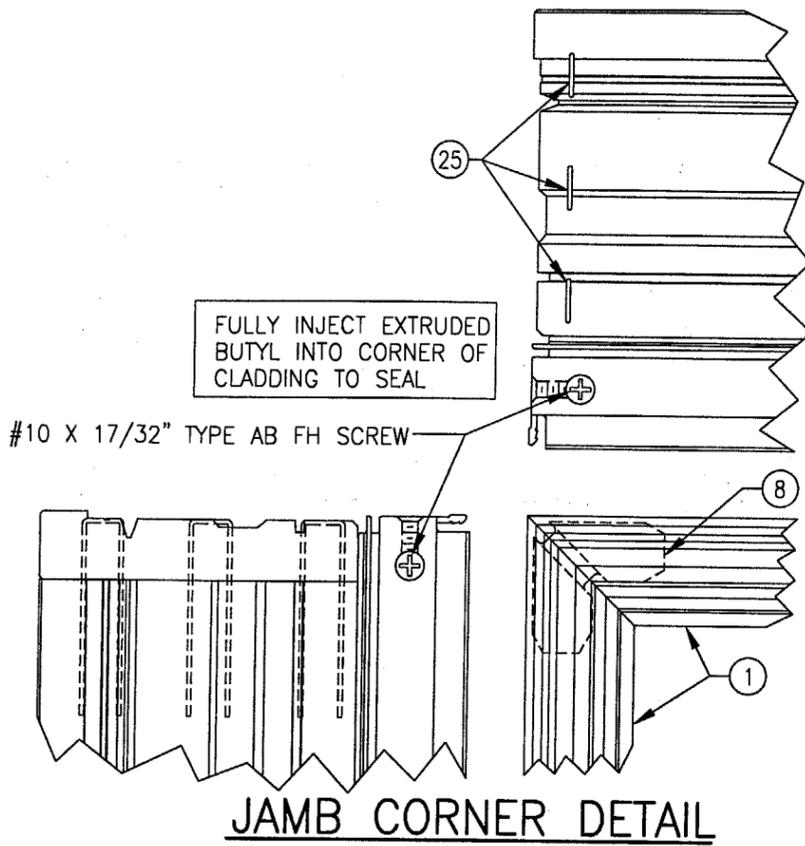
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
600 SANDTREE DRIVE, SUITE 203B
PALM BEACH GARDENS, FL 33403
PHONE: 561-775-4802 FAX: 561-775-4903

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

CERTIFICATION: JAN 05 2001

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE: AUG 30 2001
BY: *Manuel Perez*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0124.04

DRAWING NO. 1030
SHEET NO. 2 OF 3



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	SIDE & HEAD SASH STOP	1.92" X 0.698" SELECT SOFT WOOD
3	SILL SASH STOP	1.89" X 1.10" SELECT SOFT WOOD
4	SASH	2.16" X 1.625" SELECT SOFT WOOD
5	JAMB CLADDING/COVER	0.04" THK. 6063-T6 ALUMINUM
6	SASH CLADDING/COVER	0.0235" THK. 3003-H14 ALUMINUM
7	MULLION CLIP	0.047" THK. 6063-T6 ALUMINUM (CONT.)
8	JAMB CORNER KEY	NYLON
9	SASH REINFORCEMENT BAR	6063-T6 ALUMINUM
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
HARDWARE		
12	CRANK/ROTO OPERATOR	PELLA
13	4" S.S. HINGE	PELLA
14	8" S.S. HINGE	PELLA
15	2 POINT MULTI-POINT LOCK/HANDLE	PELLA; ZINC, DIE CAST W/S.S. STRIKES
16	S.S. LOCK KEEPERS	PELLA; 2 PER WINDOW
SEALS & SEALANTS		
17	WEATHERSTRIP	PVC
18	RAINSTrip	PVC
MISCELLANEOUS FASTENERS		
19	1 3/8" RING SHANK NAIL	4" FROM CORNERS & 6" - 8" O.C.
20	NO. 8 X 1 1/4" S.S. PFH	4.25" FROM ENDS & 6" MAX. O.C.
21	#6 X 3/4" S.S. PFH	10 PER 4" HINGE/20 PER 8" HINGE
22	#8 X 1 1/2" S.S. PFH	2 PER LOCK KEEPER
23	#10 X 1/2" S.S. PFH	2 PER JAMB CORNER KEY
24	1" X 1/2" CORRUGATED FASTENER	4" FROM ENDS & 10" TO 12" O.C.
25	1/2" X 2 1/4" 16 GA. STAPLES	3 PER FRAME CORNER
OTHER		
26	OPERATOR SLIDE	STAINLESS STEEL

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

ALUMINUM CLAD VENTED CASEMENT 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

JAN 05 2001

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

DRAWING NO. 1030	REV.
SHEET NO. 3	OF 3

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE **AUG 30 2001**
BY *Warren W. Schaefer*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0124.04