



**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)**

---

**Pella Corporation  
102 Main Street  
Pella, IA 50219**

**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 High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: Aluminum Clad Wood Casement Window**

**APPROVAL DOCUMENT:** Drawing No. **1030**, titled "Aluminum Clad Vented Casement Windows", sheets 1 through 3, dated 12/1/00 with revision A1 dated 10/14/02, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren 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.

**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 **revises NOA # 02-0730.12** and consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Manuel Perez, P. E.**



**NOA No 02-1021.04  
Expiration Date: September 16, 2007  
Approval Date: August 14, 2003  
Page 1**

**Pella Corporation**

**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**, titled "Aluminum Clad Vented Casement Windows", sheets 1 through 3, dated 12/1/00, with revision A1 dated 10/14/02, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren 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 & 203  
along with marked-up drawings and installation diagram of an aluminum clad wood casement window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-2882**, dated 12/05/00, signed and sealed by Jose Acevedo, P.E.
2. Test reports on 1) Uniform Static Air Pressure Test, Loading per PA 202.  
along with marked-up drawings and installation diagram of an aluminum clad wood casement window, prepared by Architectural Testing, Inc., Test Report No. **ATI-02-34530.01**, dated 07/31/02, signed and sealed by Steven M. Urich, P.E.

**C. CALCULATIONS**

1. Anchor Calculations and structural analysis, dated 12/14/00, revised on 10/14/02, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.

**D. MATERIAL CERTIFICATIONS**

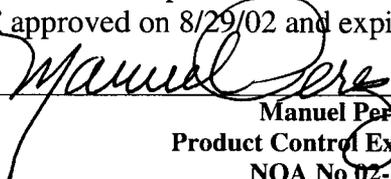
1. Notice of Acceptance No. **98-0608.03** issued to E.I. DuPont DeNemours for "Sentry Glass Plus" dated 01/14/99, expiring on 01/14/02.

**E. STATEMENTS**

1. Letter from W. W. Schaefer Engineering & Consulting, P.A, dated 10/14/02, requesting an upgrade, submitting test performed and reducing the jamb fastening spacing, signed and sealed by Warren W. Schaefer, P.E.

**F. OTHER**

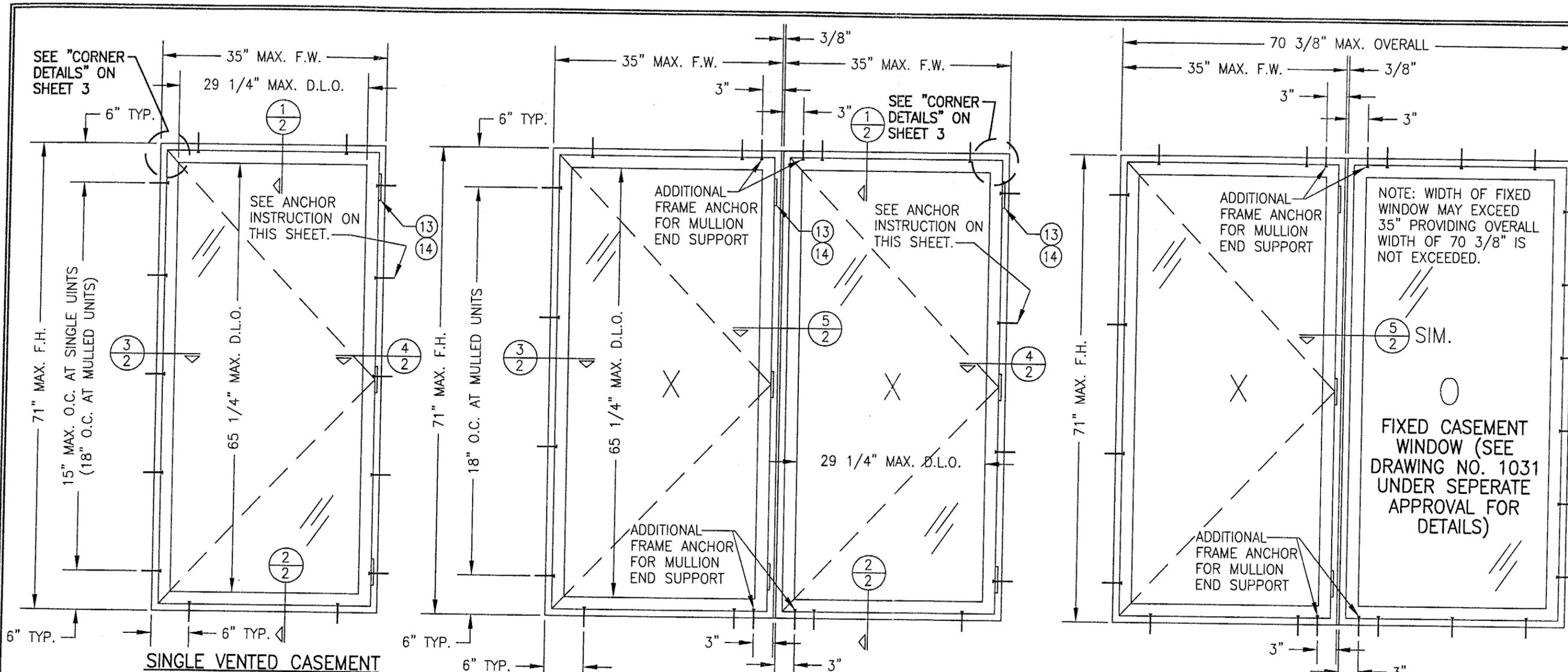
1. Notice of Acceptance No. **02-0730.12**, issued to Pella Corporation for their "Aluminum Clad Wood Casement Window," approved on 8/29/02 and expiring on 9/16/07.



Manuel Perez, P.E.  
Product Control Examiner  
NOA No 02-1021.04

Expiration Date: September 16, 2007

Approval Date: August 14, 2003



**SINGLE VENTED CASEMENT**

**MULTIPLE VENTED CASEMENTS  
(MAX. FOUR UNITS MAY BE COMBINED)**

**MULTIPLE VENTED/FIXED CASEMENTS  
(MAX. FOUR UNITS MAY BE COMBINED)  
SEE OTHER ELEVATIONS FOR VENT WINDOW DETAILS**

ALLOWABLE DESIGN LOAD		
UNIT	POSITIVE	NEGATIVE
SINGLE WINDOWS	75 PSF	80 PSF
MULTIPLE VENTED CASEMENTS	70 PSF	70 PSF
MULTIPLE VENTED/FIXED CASEMENTS	70 PSF	70 PSF

- GENERAL NOTES**
1. THIS PRODUCT IS DESIGNED TO MEET THE FLORIDA BUILDING CODE (F.B.C.)
  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.

**HINGE TABLE**

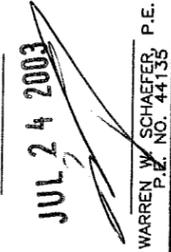
WINDOW FRAME HEIGHT	MINIMUM NO. HINGES REQUIRED
41" OR LESS	2
MORE THAN 41"	3

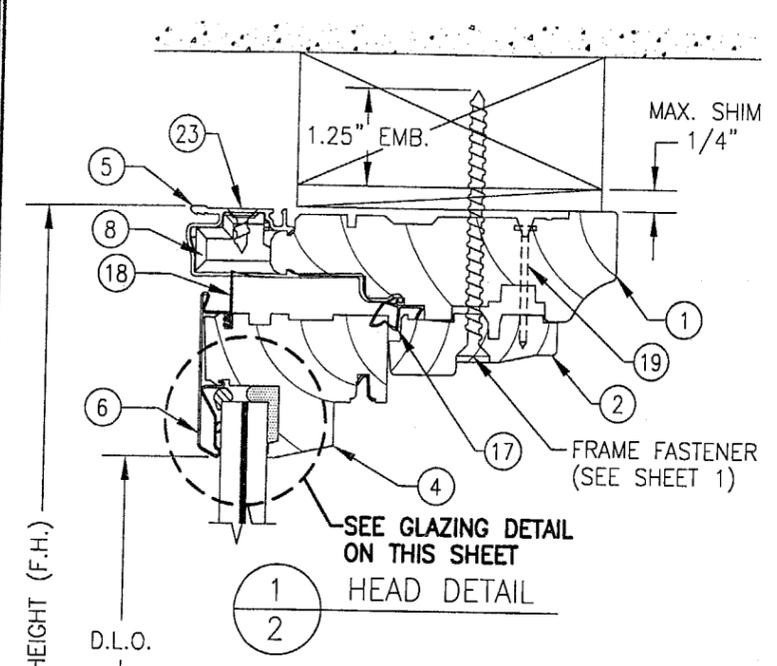
**NOTES:**

1. APPLICABLE FOR 4" & 8" HINGES.
2. 4" & 8" HINGES CAN BE MIXED ON ONE WINDOW.
3. TOP & BOTTOM HINGE LOCATIONS = 3.25" FROM TOP & BOTTOM PANEL EDGE TO HINGE EDGE.

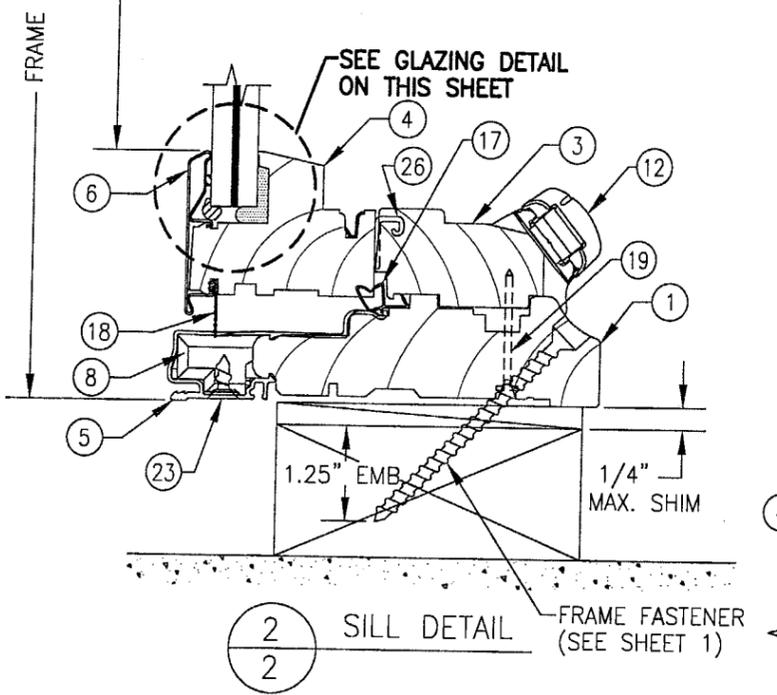
- TYP. FRAME ANCHORS (VENTED CASEMENTS):**
1. FRAME TO 2X\_ WOOD BUCK: NO. 10 SMS WITH MIN. 1.25" BUCK EMBED SPACED PER ELEVATIONS.
  2. FRAME TO BLOCK/CONCR. WITH 1X\_ CONT. SPACER: 1/4" TAPCONS WITH MIN. 1 1/4" BLOCK/CONCR. EMBED & MIN. 2 1/2" BLOCK/CONCR. EDGE DISTANCE.
  3. MULLION ENDS: ADDITIONAL NO. 10 SMS WITH MIN. 1 3/8" BUCK EMBED OR 1/4" TAPCON WITH MIN. 1 1/4" BLOCK/CONCR. EMBED PER ELEVATIONS.

Approved as complying with the Florida Building Code  
 Date AUG 14, 2003  
 NOA# 02-1021-04  
 Miami Dade Product Control Division  
 By *[Signature]*

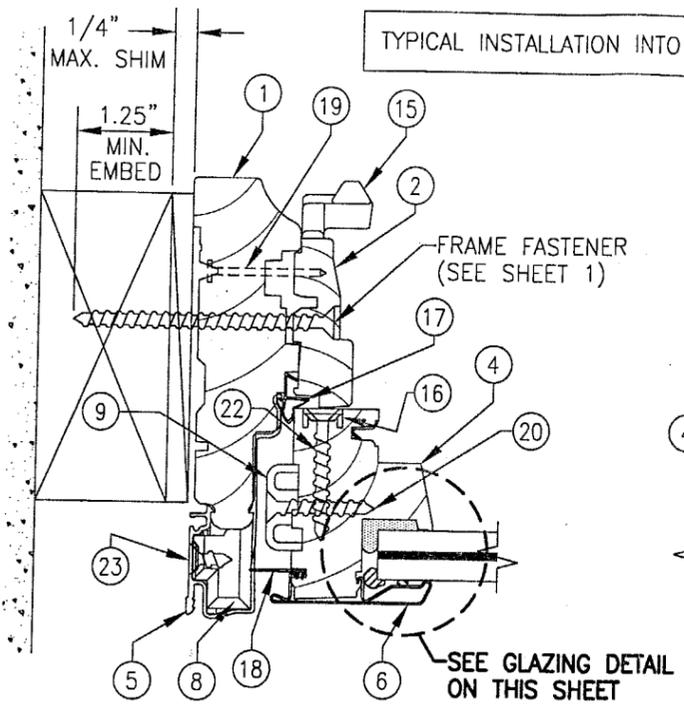
DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=16		DATE: 12/01/00	
NO.	REVISION DESCRIPTION	BY	DATE
A1	UPDATED ALLOWABLE PRESSURE	W.W.S.	10/14/02
<b>ALUMINUM CLAD VENTED CASEMENT WINDOWS</b> MANUFACTURER  <b>PELLA CORPORATION</b> 102 MAIN STREET PELLA, IA 50219 641-621-1000			
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b> 600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903			
DRAWING TITLE		CERTIFICATION	
JUL 24 2003  WARREN W. SCHAEFER, P.E. P.E. NO. 44135		Approved as complying with the Florida Building Code Date <u>AUG 14, 2003</u> NOA# <u>02-1021-04</u> Miami Dade Product Control Division By <i>[Signature]</i>	
		DRAWING NO.	REV.
1030			
SHEET NO.		1 OF 3	



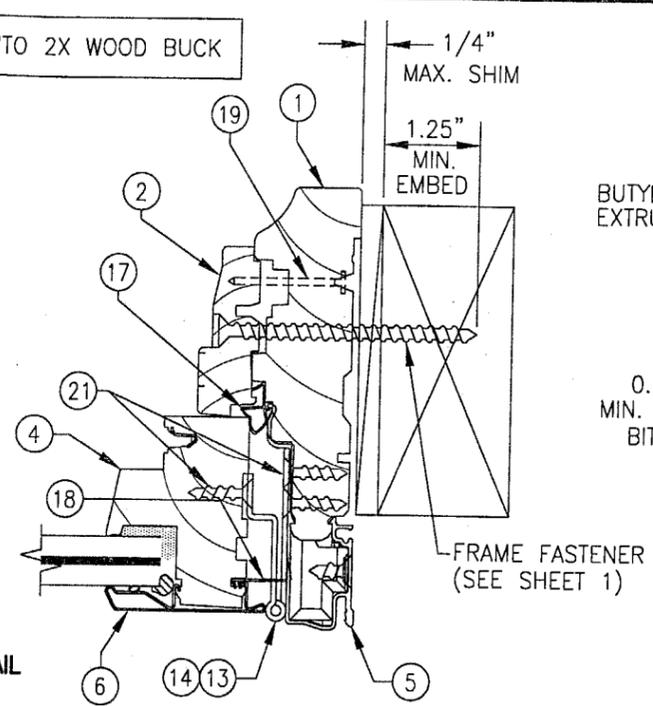
1 HEAD DETAIL  
2



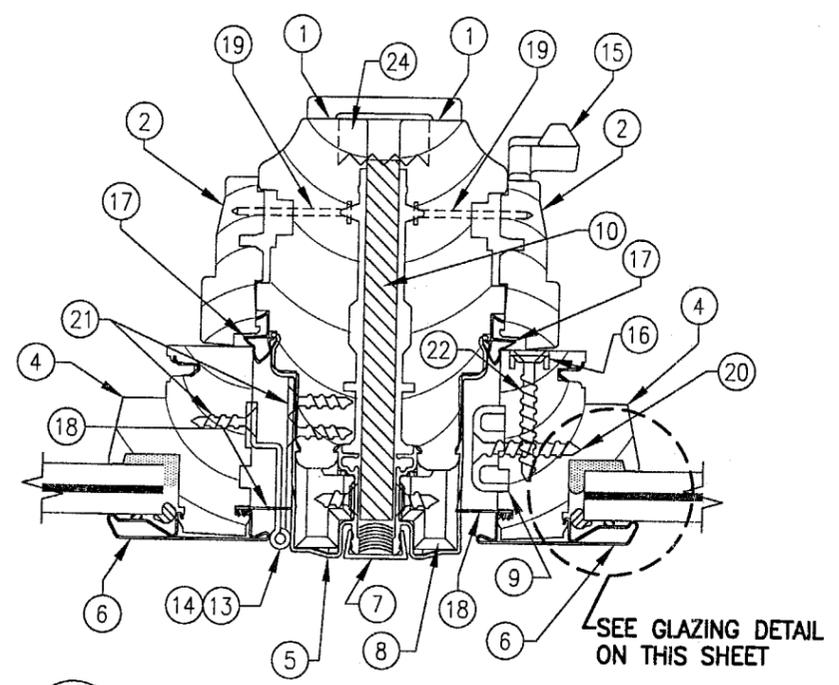
2 SILL DETAIL  
2



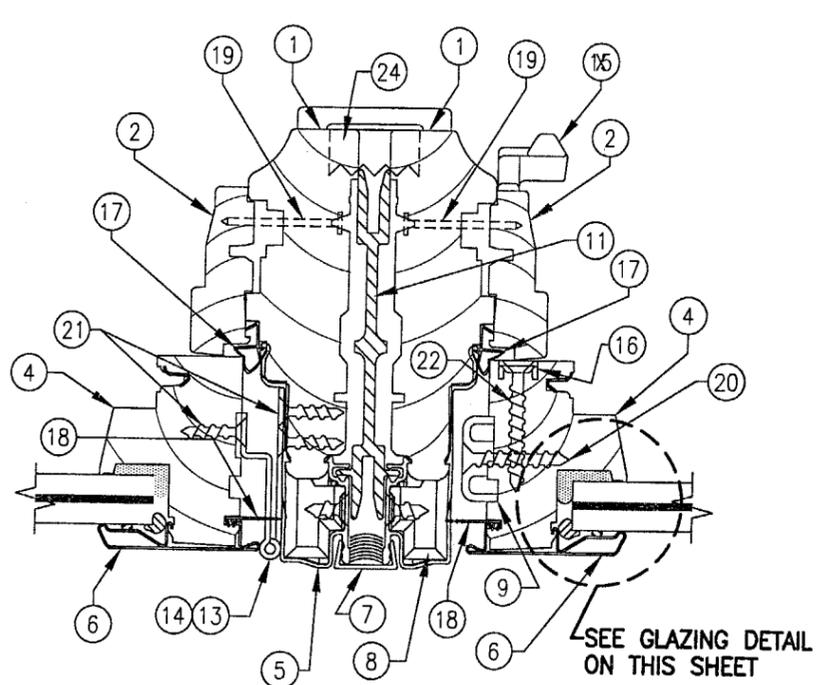
3 LOCK JAMB DETAIL  
2



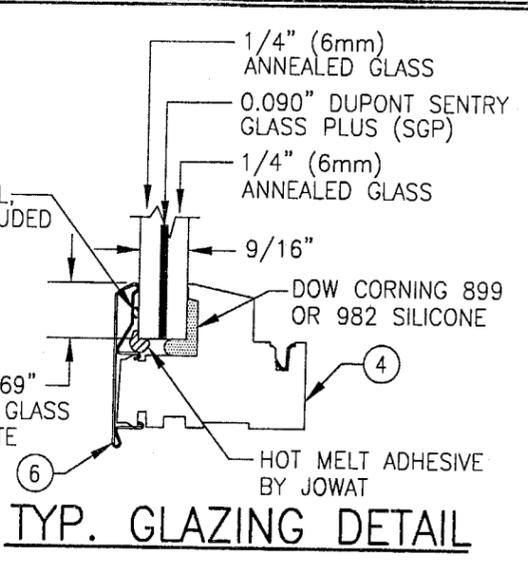
4 HINGE JAMB DETAIL  
2



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)



TYP. GLAZING DETAIL

NOTE:  
EITHER ALUMINUM OR WOOD  
REINFORCEMENT MAY BE USED

Approved as complying with the  
Florida Building Code  
Date AUG. 14, 2003  
NOA# 02-1021-04  
Miami Dade Product Control  
Division  
By Mauro

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

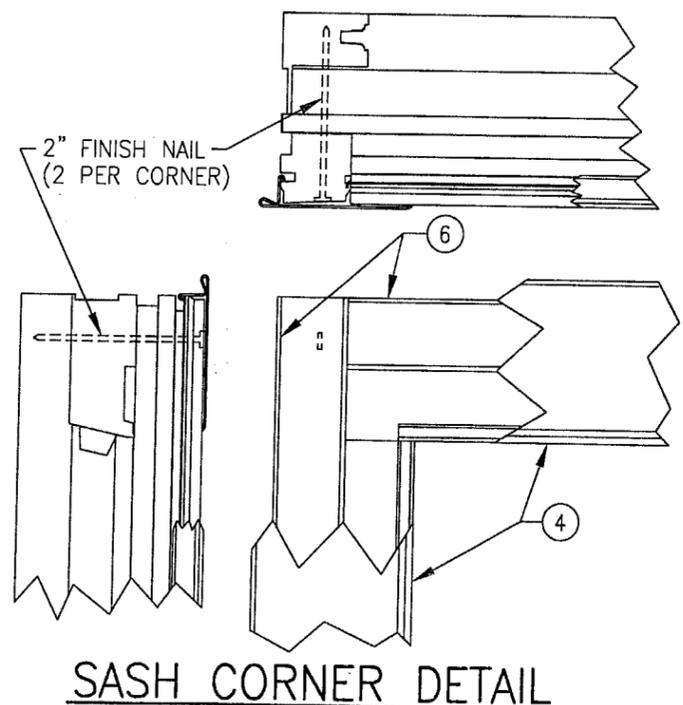
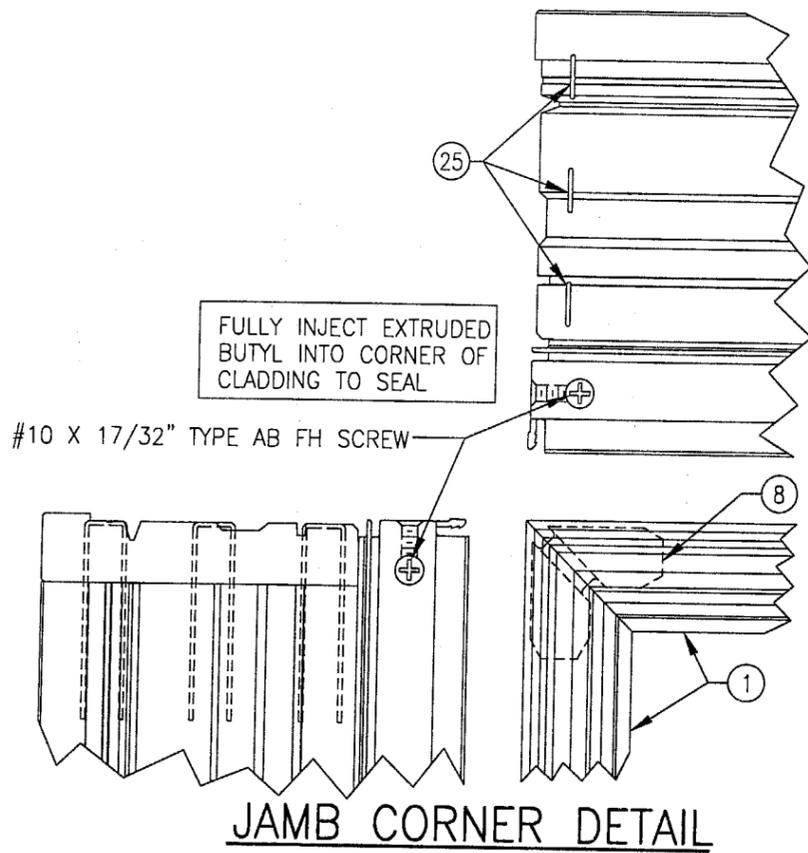
DRAWING TITLE  
**ALUMINUM CLAD VENTED CASEMENT WINDOWS**

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

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

CERTIFICATION	DATE	BY
	<u>JUL 24 2003</u>	
		WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO.	REV.	
1030		
SHEET NO.		
2	OF	3

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	RAINTRIP	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



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

Approved as complying with the Florida Building Code  
 Date AUG. 14, 2003  
 NOA# 02-1021.04  
 Miami Date Product Control  
 Division  
 By Mauro Ariz

DRAWN BY: W.W.S.	CHECKED BY: W.W.S.	PLOT: 1=2	DATE: 12/01/00
NO.	REVISION DESCRIPTION	BY	DATE
<b>ALUMINUM CLAD VENTED CASEMENT WINDOWS</b> MANUFACTURER <b>PELLA CORPORATION</b> 102 MAIN STREET PELLA, IA 50219 641-621-1000			
<b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b> 600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903			
CERTIFICATION <b>JUL 24 2003</b>	WARREN W. SCHAEFER, P.E. P.E. NO. 44135		
DRAWING NO. <b>1030</b>	REV.		
SHEET NO. <b>3</b>	OF	<b>3</b>	