



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)**

[www.buildingcodeonline.com](http://www.buildingcodeonline.com)

**Pella Corporation**  
102 Main Street  
Pella, Iowa 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 Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION: Aluminum Clad Wood Fixed Casement Windows-LMI**

**APPROVAL DOCUMENT:** Drawing No.1317, titled "Architect Series Aluminum Clad Wood Impact Fixed Casement Window", sheets 1 through 3 of 3, dated 07/20/04, with last revision on 01/31/06, prepared by W. W. Schaefer Engineering & Consulting, P.A. signed and sealed by Warren W. Schaefer, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: Large and Small Missile Impact Resistant**

**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 # 04-0907.05 and 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 **Jaime D. Gascon, P.E.**



*J. Gascon*  
12/7/06

NOA No 06-0210.10  
Expiration Date: November 18, 2009  
Approval Date: December 28, 2006  
Page 1

**Pella Corporation**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. : Drawing No.1317, titled "Architect Series Aluminum Clad Wood Impact Fixed Casement Window", sheets 1 through 3 of 3, dated 07/20/04, with last revision on 01/31/06, prepared by W. W. Schaefer Engineering & Consulting, P.A. signed and sealed by Warren W. Schaefer, 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  
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94  
along with marked-up drawings and installation diagram of Aluminum Clad Wood Fixed Casement, prepared by Stork Materials Technology, Test Report No. TCTC104010, dated 06/01/04 thru 12/15/04, signed and sealed by Timothy B. Cox
2. 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 202-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of an aluminum casement window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. TCTCWC104008, dated 06/01/04, signed and sealed by John D. Lee, P.E.

**C. CALCULATIONS**

1. Revised Anchor Calculations and structural analysis, complying with FBC-2004, prepared by W. W. Schaefer Engineering & Consulting, P.A. Dated 02/01/06, signed and sealed by Warren Schaefer P.E.

**Complies with ASTM E1300-98/02**

**D. QUALITY ASSURANCE**

1. Miami Dade Building Code Compliance Office (BCCO).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **05-1208.02** issued to E.I. DuPont DeNemours for "DuPont Butacite ® PVB", dated 01/05/06, expiring on 12/11/10.
2. Notice of Acceptance No. **01-1204.01** issued to E.I. DuPont DeNemours for "Sentry Glass ® Plus", dated 01/17/02, expiring on 01/14/07.

  
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Jaime D. Gascon, P.E.  
Chief, Product Control Division  
NOA No 06-0210.10  
Expiration Date: November 18, 2009  
Approval Date: December 28, 2006

**Pella Corporation**

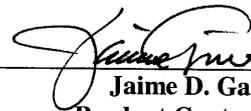
**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**F. STATEMENTS**

1. Statement letter of conformance and no financial interest, dated 08/31/04, signed and sealed by Warren W. Schaefer, P.E.
2. Letter from Pella Corporation dated 11/11/04, designating Warren W. Schaefer of W.W. Schaefer Engineering & Consulting as the contact person for this file.

**G. OTHER**

1. Notice of Acceptance No. **04-0907.05**, issued to Pella Corporation for their Aluminum Clad Wood Fixed Casement Window, approved on 11/18/04 and expiring on 11/18/09.
2. Letter from the consultant stating that the product is in compliance with the Florida Building Code (FBC), dated 11/19/06.



Jaime D. Gascon, P.E.  
Product Control Division  
NOA No 06-0210.10

Expiration Date: November 18, 2009  
Approval Date: December 28, 2006

SEE "CORNER CONSTRUCTION" DESCRIPTION ON THIS SHEET

SEE WINDOW SIZE TABLE ON THIS SHEET FOR MAX. FRAME WIDTH (F.W.)

WITHOUT NAIL FIN APPLIED: 9" MAX. O.C. WHEN WINDOW SHORT SIDE FRAME DIMENSION IS GREATER THAN 42". 12" MAX. O.C. WHEN DIMENSION IS 42" OR LESS.  
WITH NAIL FIN APPLIED: 12" MAX. O.C. FOR ALL WINDOW SIZES.

TYP. FRAME SCREW WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR SHEAR SCREW REQUIREMENTS.

SINGLE WINDOW ALLOWABLE SIZE	
MAXIMUM FRAME DIMENSIONS	
LONG SIDE (IN.)	SHORT SIDE (IN.)
73	59
78	55
84	51
90	47
96	44
108	39
120	35

D.L.O. = F.W. - 5 3/4"

VINYL NAIL FIN IS ONLY REQUIRED WITH SINGLE WINDOWS WHEN FRAME ANCHOR SPACING EXCEEDS 9" O.C.

VINYL NAIL FIN IS REQUIRED WITH ALL MULLED WINDOW UNITS.

NO. 7 FIN SCREWS WITH MIN. 7/8" BUCK EMBED WITHIN 5" OF CORNERS & MAX. 7" O.C.

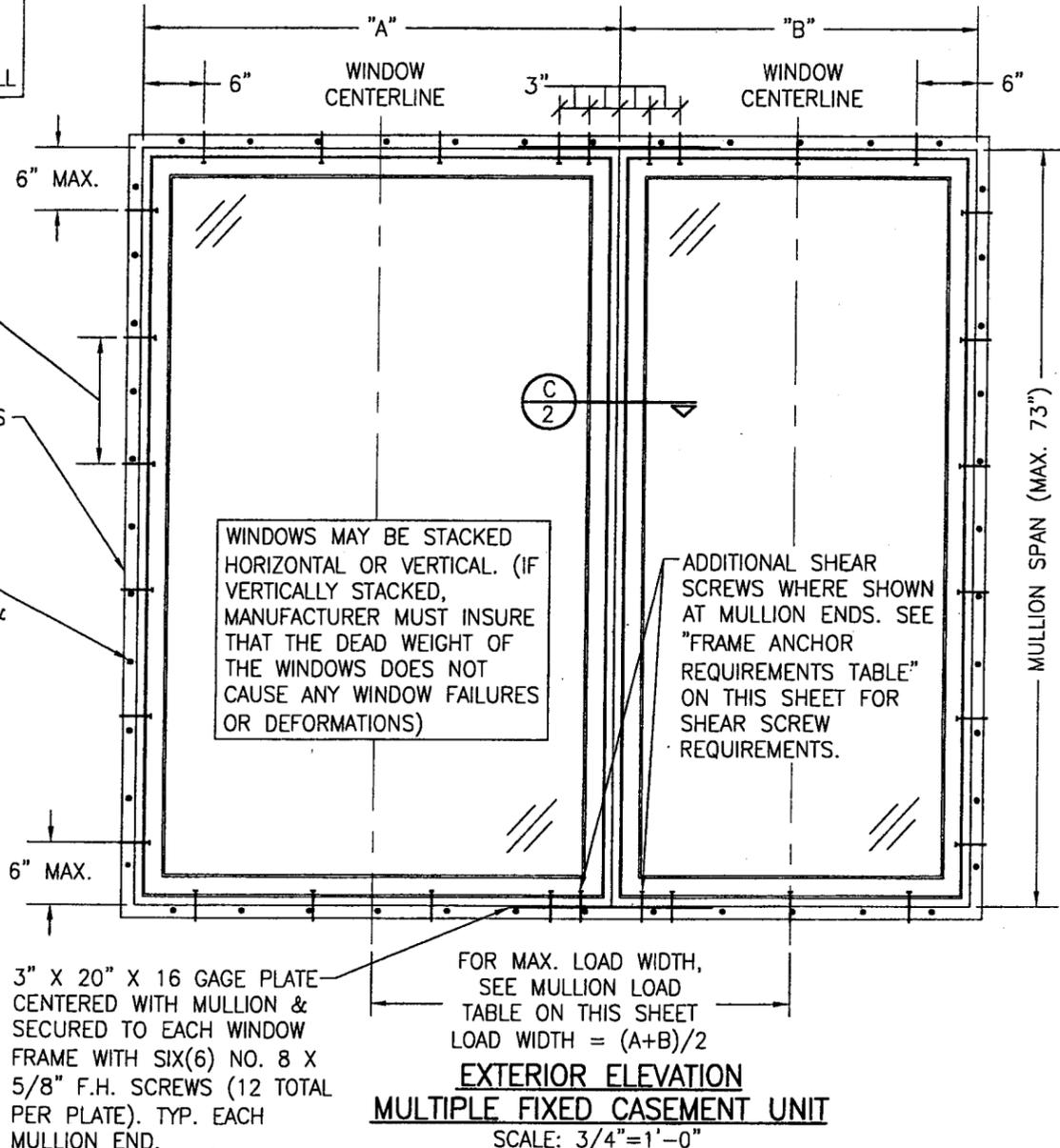
(1) ALLOWABLE DESIGN PRESSURE (MULTIPLE UNITS)		
MULLION SPAN (IN.)	LOAD WIDTH (IN.)	ALLOWABLE PRESSURE (+/-PSF)
73	47	60.0
	53	53.2
	59	47.8
71	47	60.0
	53	54.7
	59	49.1
65	53	60.0
	59	53.7
59	59	60.0

(1) SEE SINGLE WINDOW PRESSURE TABLE FOR ALLOWABLE PRESSURE ON SINGLE UNITS.

FRAME ANCHOR REQUIREMENTS TABLE			
OPENING TYPE (SUBSTRATE)	JAMB TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
2X_ WOOD FRAME OR BUCK	NO. 10 SMS SCREW	1 1/4"	3/4"
CMU/CONCRETE	(1) 3/16" CONCRETE SCREW	1 1/4"	2"

(1) CONCRETE SCREWS SHALL BE ELCO OR ITW RAMSET/RED HEAD TAPCONS, HILTI KWIK-CON II OR POWERS RAWL TAPPER (HARDENED STEEL OR S.S.).

\*ANCHOR NOTE: FRAME MAY BE EITHER DIRECT MOUNTED TO THE OPENING, MOUNTED ONTO A CONTINUOUS WOOD SPACER, OR ANCHORED TO A MIN. 2x4 NO. 3 SOUTHERN PINE WOOD BUCK. WHEN ANCHORED TO A 2x4 BUCK, NO. 10 SHEAR SCREWS SHALL BE USED. WHEN DIRECT MOUNTED OR MOUNTED WITH SPACER, 3/16" CONCRETE SCREWS SHALL BE USED. SEE "ANCHOR REQUIREMENTS TABLE" FOR EMBED REQUIREMENTS.



WINDOWS MAY BE STACKED HORIZONTAL OR VERTICAL. (IF VERTICALLY STACKED, MANUFACTURER MUST INSURE THAT THE DEAD WEIGHT OF THE WINDOWS DOES NOT CAUSE ANY WINDOW FAILURES OR DEFORMATIONS)

ADDITIONAL SHEAR SCREWS WHERE SHOWN AT MULLION ENDS. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR SHEAR SCREW REQUIREMENTS.

3" X 20" X 16 GAGE PLATE CENTERED WITH MULLION & SECURED TO EACH WINDOW FRAME WITH SIX(6) NO. 8 X 5/8" F.H. SCREWS (12 TOTAL PER PLATE). TYP. EACH MULLION END.

FOR MAX. LOAD WIDTH, SEE MULLION LOAD TABLE ON THIS SHEET  
LOAD WIDTH = (A+B)/2

**EXTERIOR ELEVATION MULTIPLE FIXED CASEMENT UNIT**

(MAX. FOUR UNITS MAY BE COMBINED IN ONE OPENING)  
SEE SINGLE WINDOW ELEVATION FOR DETAIL NOT SHOWN

ALLOWABLE DESIGN PRESSURE (SINGLE WINDOW)		
GLASS OPTION	MAX. WINDOW FRAME AREA (SQ. IN.) (F.H. X F.W. = AREA)	ALLOWABLE PRESSURE (+/-PSF)
1	4307 (29.9 S.F.)	75
2	2555 (17.74 S.F.)	75

(1) SEE MULTIPLE UNIT PRESSURE TABLE FOR ALLOWABLE PRESSURE ON MULLED UNITS.  
(2) WINDOW FRAME AREA SHOWN MAY NOT BE EXCEEDED FOR EITHER GLASS OPTION.

PRODUCT REVISED  
in compliance with the Florida Building Code  
Acceptance No. 06-0210-10  
Expiration Date 11/16/09  
By: [Signature]  
Manufacturer Product Control Division

**GENERAL NOTES**

1. THESE WINDOW SYSTEMS HAVE BEEN TESTED, ANALYZED AND APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN LOADS" TABLE(S).
2. BUCKING, OPENINGS & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & MAY NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS.
4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT WINDOWS.
5. THESE WINDOW SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE 2004 FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
6. IMPACT SHUTTERS ARE NOT REQUIRED WITH THESE WINDOWS.
7. ALL ANCHORS SHALL BE INSTALLED AS SPECIFIED ON THESE DRAWINGS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
8. ALL FRAME ANCHORS SECURING WINDOW FRAME TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
9. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2004 FLORIDA BUILDING CODE SECTION 2003.8.4.

**CORNER CONSTRUCTION:**

- WOOD JAMB: MORTISE & TENON AND JOINED WITH (3) 1/2" X 2 1/4" 16 GA. STAPLES PER CORNER.
- JAMB CLAD: MITER CUT AND JOINED WITH CORNER KEY AND (2) NO. 6 X 1/2" SCREWS PER CORNER.
- WOOD SASH: SASH IS MORTISED & TENONED, JOINED WITH (1) 1 1/2" 15 GA. FINISH NAIL PER CORNER AND GLUED WITH A THERMOSETTING EMULSION ADHESIVE; DUROLOK BY NATIONAL STARCH & CHEMICAL COMPANY.
- SASH CLAD: LAPPED AND MITERED AT CORNERS.

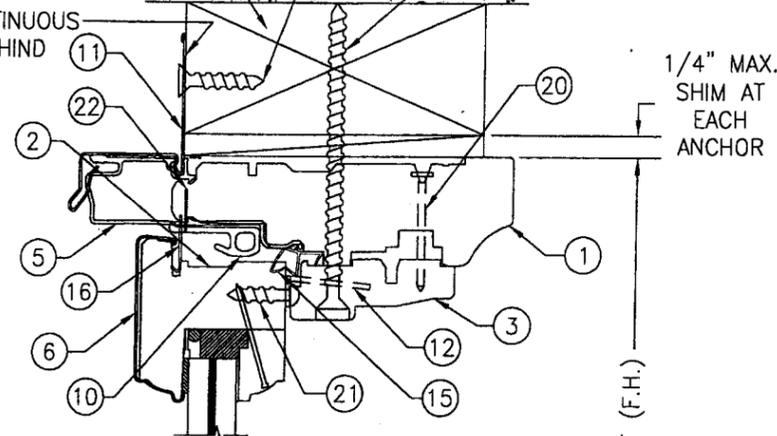
DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1-16	DATE: 07/20/04
DATE: 01/31/08	
BY: W.R.M.	
REVISION DESCRIPTION	
A1 UPDATED TO 2004 FBC	
A2 ADDED MULLION CONDITIONS	
NO.	
ARCHITECT SERIES ALUMINUM CLAD WOOD IMPACT FIXED CASEMENT WINDOW	
MANUFACTURER: PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000	
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903	
DRAWING TITLE: ARCHITECT SERIES ALUMINUM CLAD WOOD IMPACT FIXED CASEMENT WINDOW	
CERTIFICATION: FEB 02 2006	
DRAWING NO. 1317	REV. A
SHEET NO. 1 OF 3	

NAIL FIN & FIN FASTENER REQ'D WITH MULLED UNITS ONLY. NOT REQ'D WITH SINGLE WINDOWS. (SEE ELEVATIONS)

MIN. 2X4 BUCK/FRAMING & BUCK ATTACHMENT BY OTHERS

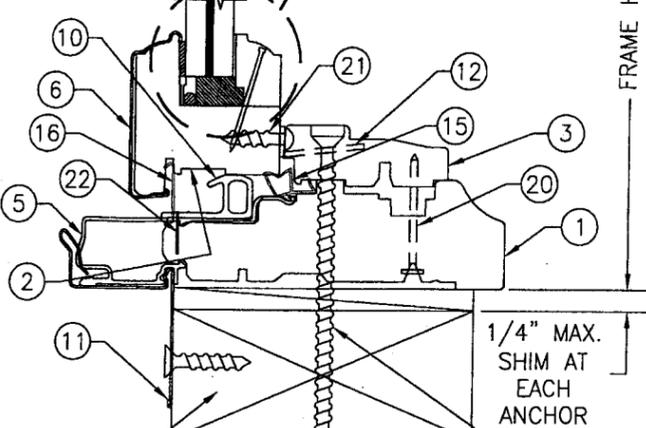
FRAME ANCHOR PER ELEVATIONS

PLACE CONTINUOUS SEALANT BEHIND NAIL FIN



EXTERIOR

SEE GLAZING DETAIL ON SHEET 3



SECTION A  
SCALE: 1/2 FULL

MIN. 2X4 BUCK/FRAMING & BUCK ATTACHMENT BY OTHERS

SILL ANCHOR PER ELEVATIONS

1/4" MAX. SHIM AT EACH ANCHOR

FRAME WIDTH (F.W.)

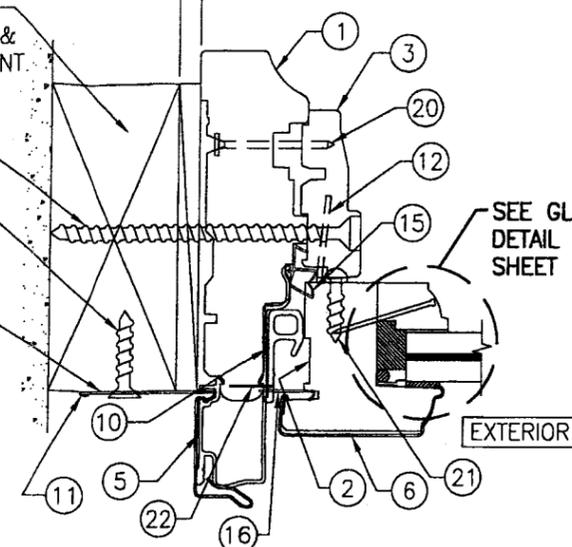
MIN. 2X4 BUCK/FRAMING & BUCK ATTACHMENT BY OTHERS

FRAME ANCHOR PER ELEVATIONS

NAIL FIN & FIN FASTENER REQ'D WITH MULLED UNITS ONLY. NOT REQ'D WITH SINGLE WINDOWS. (SEE ELEVATIONS)

PLACE CONTINUOUS SEALANT BEHIND NAIL FIN

SEE GLAZING DETAIL ON SHEET 3



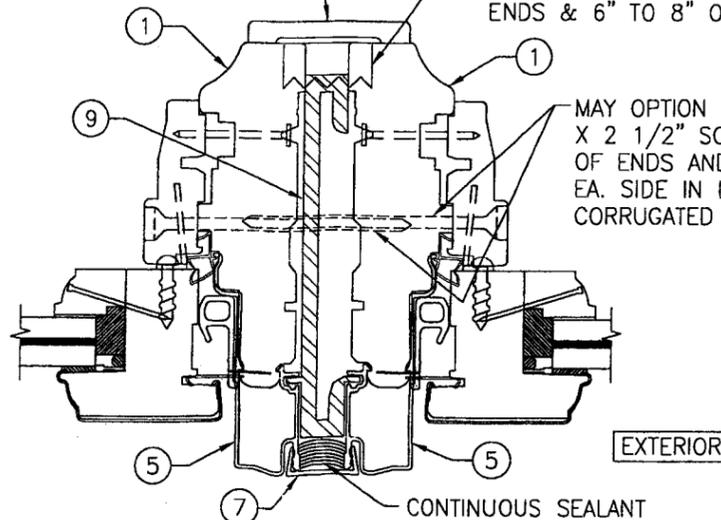
EXTERIOR

SECTION B  
SCALE: 1/2 FULL

WOOD COVER AS REQUIRED

1" X 5/8" CORRUGATED FASTENER WITHIN 4" OF ENDS & 6" TO 8" O.C.

MAY OPTION TO USE NO. 10 X 2 1/2" SCREW WITHIN 6" OF ENDS AND MAX. 12" O.C. EA. SIDE IN LIEU OF CORRUGATED FASTENERS



EXTERIOR

CONTINUOUS SEALANT BEHIND MULL COVER

SECTION C  
SCALE: 1/2 FULL

FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 06-0210.10  
Expiration Date 11/15/09  
By *Warren W. Schaefer*  
Miami Head Product Control  
Division

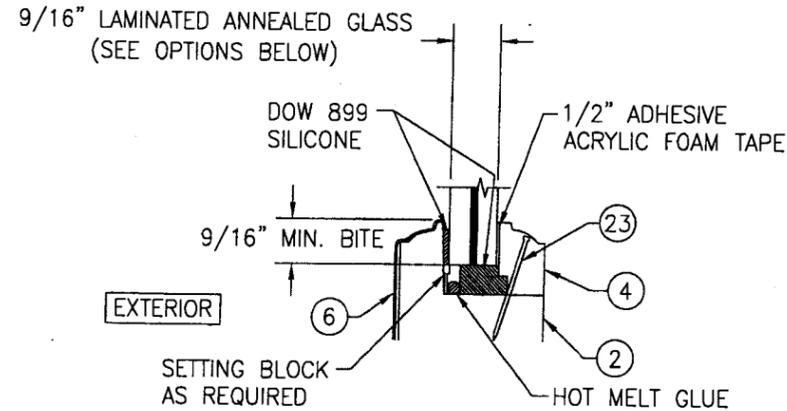
DRAWING NO.	1317	REV.	A
	SHEET NO.		
2 OF 3			

DRAWING TITLE	ARCHITECT SERIES ALUMINUM CLAD WOOD IMPACT FIXED CASEMENT WINDOW
CONSULTANTS	W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
MANUFACTURER	PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000
CERTIFICATION	FEB 07 2006 WARREN W. SCHAEFER, P.E. P.E. NO. 44135

DRAWN BY:	K.P.S.	CHECKED BY:	W.W.S.
PLOT:	1-2	DATE:	07/20/04
NO.		REVISION DESCRIPTION	
BY		DATE	

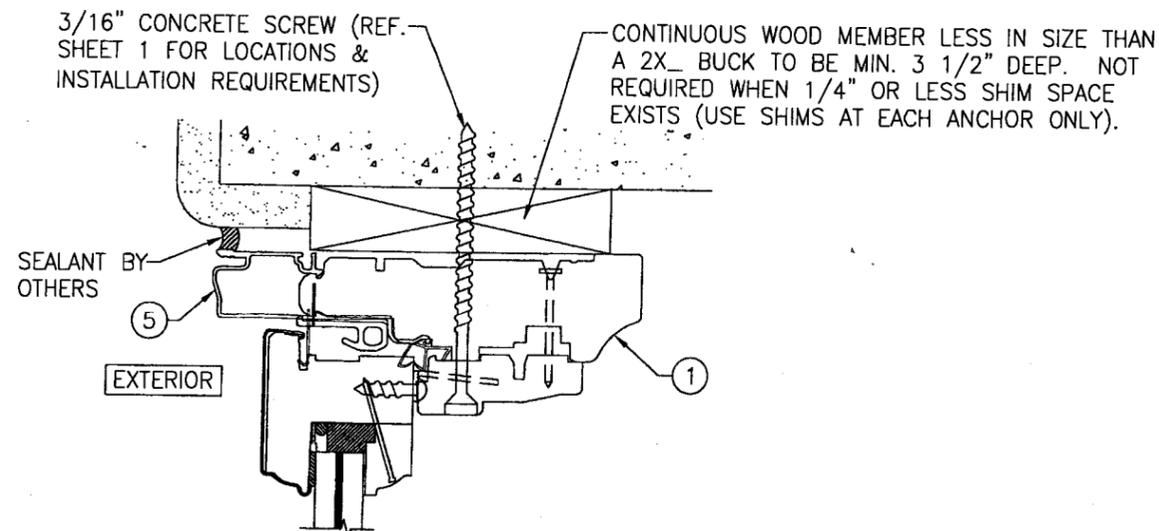


**TYPICAL GLAZING DETAIL**

- OPTION 1: 9/16" DUPONT SENTRY GLASS PLUS LAMINATED (1/4" AN/0.09" SGP/1/4" AN)
- OPTION 2: 9/16" DUPONT BUTACITE PVB LAMINATED (1/4" AN/0.09" PVB/1/4" AN)

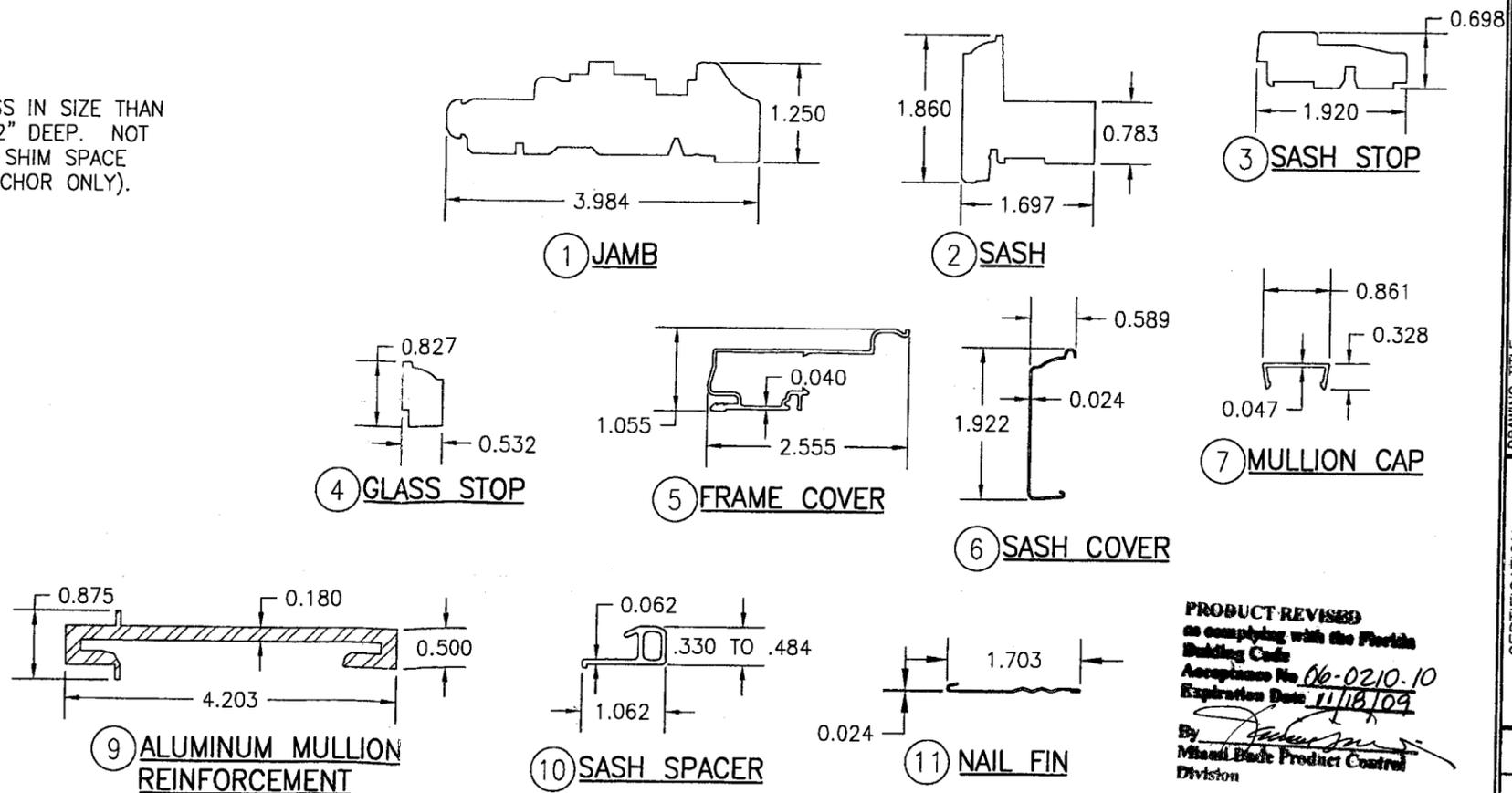
ITEM #	PART #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS			
1	35BG	JAMB	* WOOD
2	1A5S	SASH	* WOOD
3	30C4	SILL STOP	* WOOD
4	-	GLASS STOP	* WOOD
5	0AJE	FRAME COVER	6063-T6 ALUMINUM
6	45D5	SASH COVER	3003-H14 OR 3105-H24 ALUMINUM
7	0A6M	MULLION CLIP	6063-T6 ALUMINUM
9	0A6G	ALUMINUM MULLION REINFORCEMENT	6063-T6 ALUMINUM
10	76NO	SASH SPACER	RIGID PVC
11	42G7	NAIL FIN	.0235" ALUMINUM
HARDWARE			
12	50B62000	FIXED SASH STRIKE (0.060" X 1.688" X 0.35" X 0.987")	304 STAINLESS STEEL
SEALS AND SEALANTS			
15	76Q3	PVC WEATHERSTRIP	PELLA
16	75T2	PVC RAINSTRIP	PELLA
MISC. FASTENERS			
20	-	1 3/8" RING SHANK NAIL	4" FROM CORNERS & 6" - 8" O.C.
21	-	#8 X 3/4" PH	2 PER SASH STRIKE/CLIP
22	-	1/2" x 5/8" STAPLES	1 PER SPACER
23	-	15 GA. X 1 1/4" FINISH NAIL	3" FROM CORNERS & 6" MAX. O.C.

\* WOOD USED WITH TEST UNITS WAS SELECT WESTERN PINE. ALTERNATE WOOD SPECIES TO BE APPLICABLE WITH THESE WINDOWS IS MIN. SELECT MAHOGANY, PONDEROSA PINE, SOUTHERN PINE, WHITE OR RED OAK, CHERRY, MAPLE, DOUGLAS FIR, HICKORY, TEAK, WALNUT, LYPTUS, & ALDER.



**OPTIONAL DIRECT MOUNT DETAIL  
(NOT APPLICABLE WITH MULLED UNITS)**

FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS  
(HEAD SECTION SHOWN; SIDES AND SILL SIMILAR)



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No. 06-0210.10  
Expiration Date 11/18/09  
By: *[Signature]*  
Miami Blade Product Control  
Division

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.	DATE:	DATE:
PLOT: 1=2	07/20/04		
NO.	REVISION DESCRIPTION	BY	DATE
<b>ARCHITECT SERIES ALUMINUM CLAD WOOD IMPACT FIXED CASEMENT WINDOW</b>			
<b>PELLA CORPORATION</b> 102 MAIN STREET PELLA, IA 50219 641-621-1000		 <b>PELLA</b> MANUFACTURER	
<b>CONSULTANTS</b> <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b> 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903			
CERTIFICATION <b>FEB 02 2006</b>	WARREN W. SCHAEFER, P.E. P.E. NO. 44135		
DRAWING NO. <b>1317</b>	REV. <b>A</b>	SHEET NO. <b>3 OF 3</b>	