



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

www.buildingcodeonline.com

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 Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Aluminum Clad Wood Vent Awning Windows – L.M.I.

APPROVAL DOCUMENT: Drawing No.1318, titled “Architect Series Aluminum Clad Wood Impact Awning Window”, sheets 1 through 4 of 4, prepared by W.W. Schaefer Engineering& Consultant, P.A., dated 07/20/04 with revision “B2” on 01/31/06, signed and sealed by Warren W. Schaffer, 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

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 # 04-0907.06, 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
 4/17/06

NOA No 05-0819.03
 Expiration Date: November 11, 2009
 Approval Date: May 04, 2006
 Page 1

Pella Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **1318**, titled "Architect Series Aluminum Clad Wood Impact Awning Window", sheets 1 through 4 of 4, prepared by W.W. Schaefer Engineering & Consultant, P.A., dated 07/20/04 with revision "B2" on 01/31/06, signed and sealed by Warren W. Schaffer, P.E.

B. TESTS

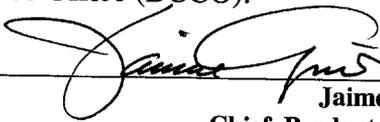
1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an aluminum clad wood window, prepared by Stork Materials Technology, Test Report No. **SMT-180-6902.1**, dated 12/15/04, signed and sealed by Timothy B. Cox, P.E.
2. Test reports on 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an aluminum clad wood window, prepared by Stork Materials Technology, Test Report No. **SMT-180-6902**, dated 12/15/04, signed and sealed by Timothy B. Cox, P.E.
3. 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
along with marked-up drawings and installation diagram of an aluminum clad wood window, prepared by Stork Materials Technology, Test Report No. **SMT-180-6800**, dated 06/02/04 signed and sealed by John D. Lee, P.E.
"Submitted Under NOA# 04-0907.06"

C. CALCULATIONS

1. Revised Anchor Calculations, and structural analysis, complying with FBC-2004, prepared by W.W. Schaefer Engineering & Consultant, P.A., dated 01/30/06, signed and sealed by Warren W. Schaffer, P.E.
Complies with ASTM E 1300-02

D. QUALITY ASSURANCE

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



Jaime D. Gascon, P.E.

Chief, Product Control Division
NOA No 05-0819.03

Expiration Date: November 11, 2009

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Pella Corporation

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E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **00-1212.04** issued to E.I. DuPont DeNemours for "Dupont Butacite ® PVB", dated 02/15/01, expiring on 12/12/05.

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 08/30/04, designating Warren Schaefer of W.W. Schaefer Engineering & Consulting, as the contact person for this file.

G. OTHER

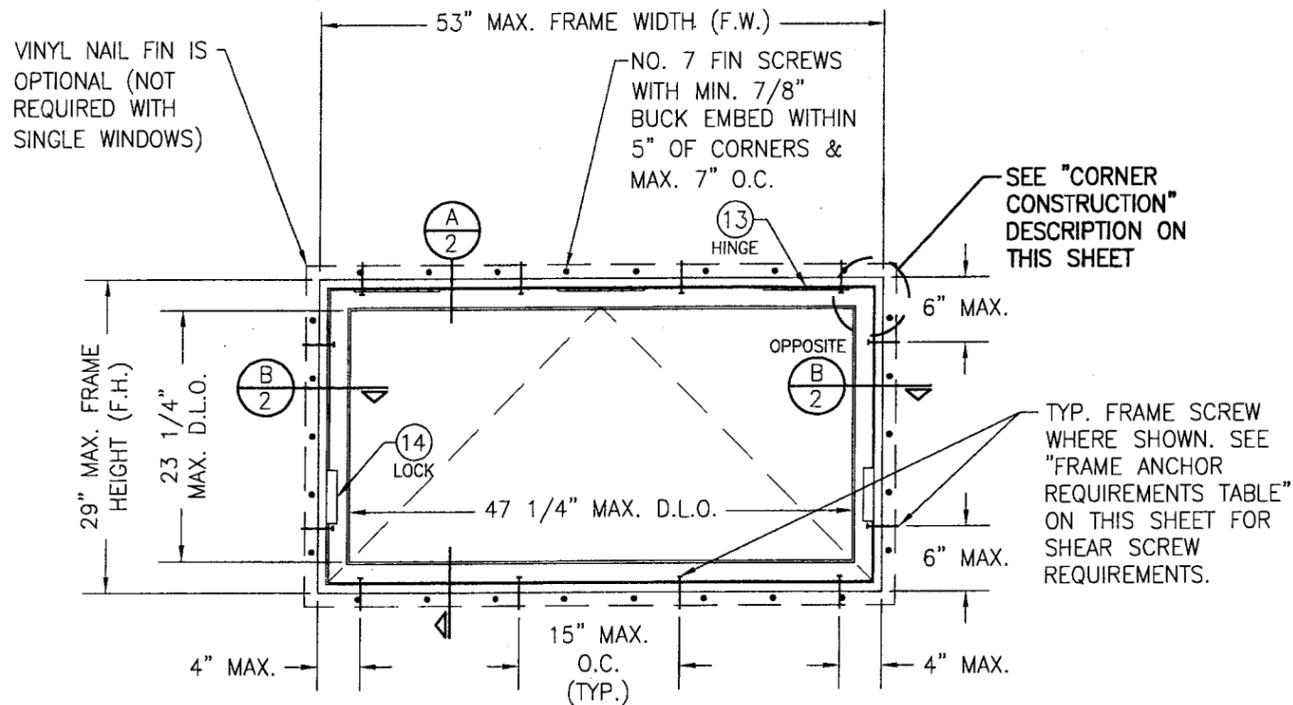
1. Notice of Acceptance No. **04-0907.06**, issued to Pella Corporation, for their Aluminum Clad Wood Vent Awning Impact Windows, approved on 11/11/04 and expiring on 11/11/09.



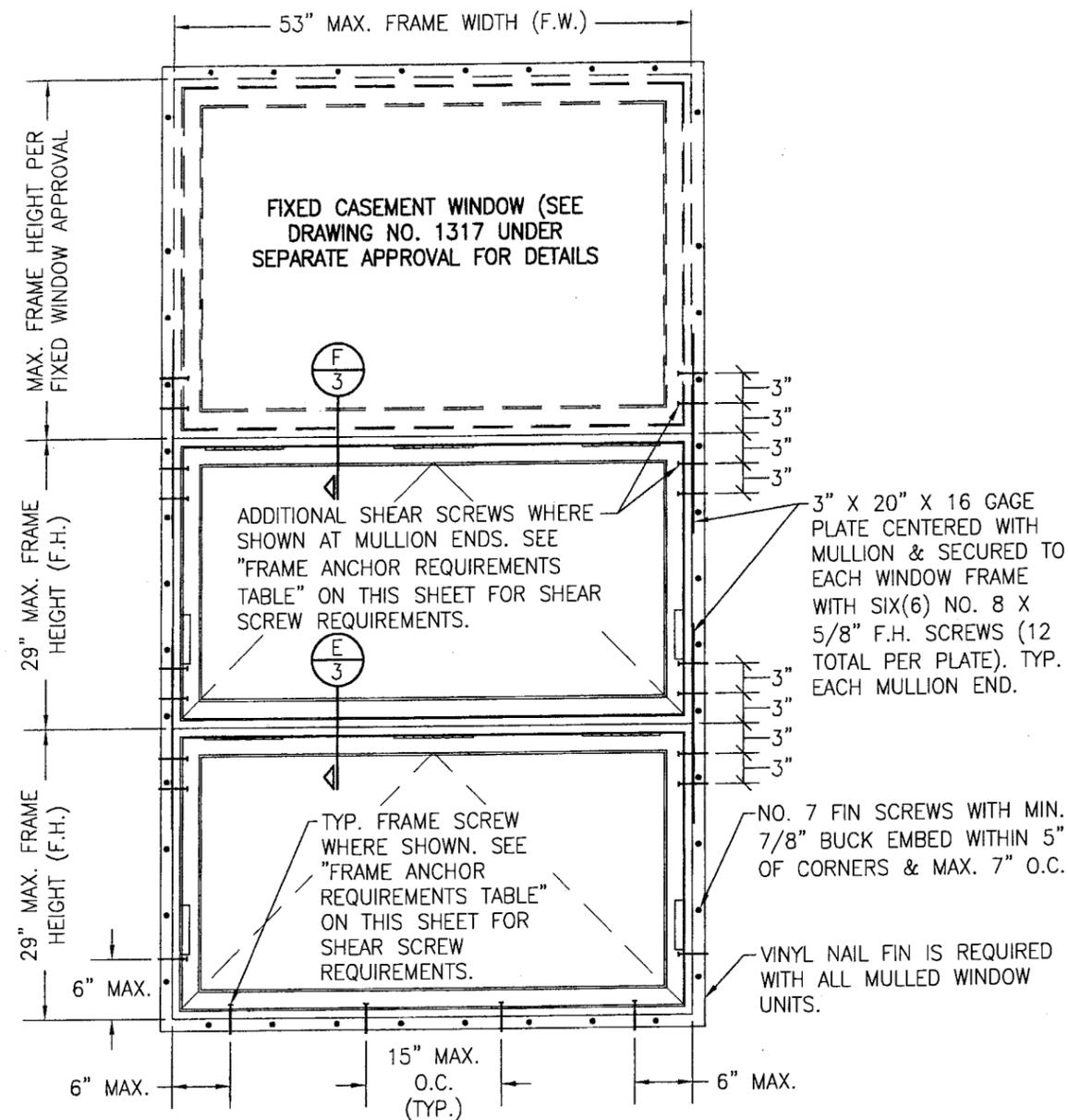
Jaime D. Gascon, P.E.
Chief, Product Control Division
NOA No 05-0819.03

Expiration Date: November 11, 2009

Approval Date: May 04, 2006



**EXTERIOR ELEVATION
SINGLE AWNING**
SCALE: 3/4"=1'-0"



**EXTERIOR ELEVATION
MULTIPLE WINDOWS STACKED VERTICALLY**
SCALE: 3/4"=1'-0"

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.

ALLOWABLE DESIGN PRESSURE	
SINGLE WINDOWS	MULTIPLE WINDOWS
+/-75 PSF	+/-60 PSF

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"

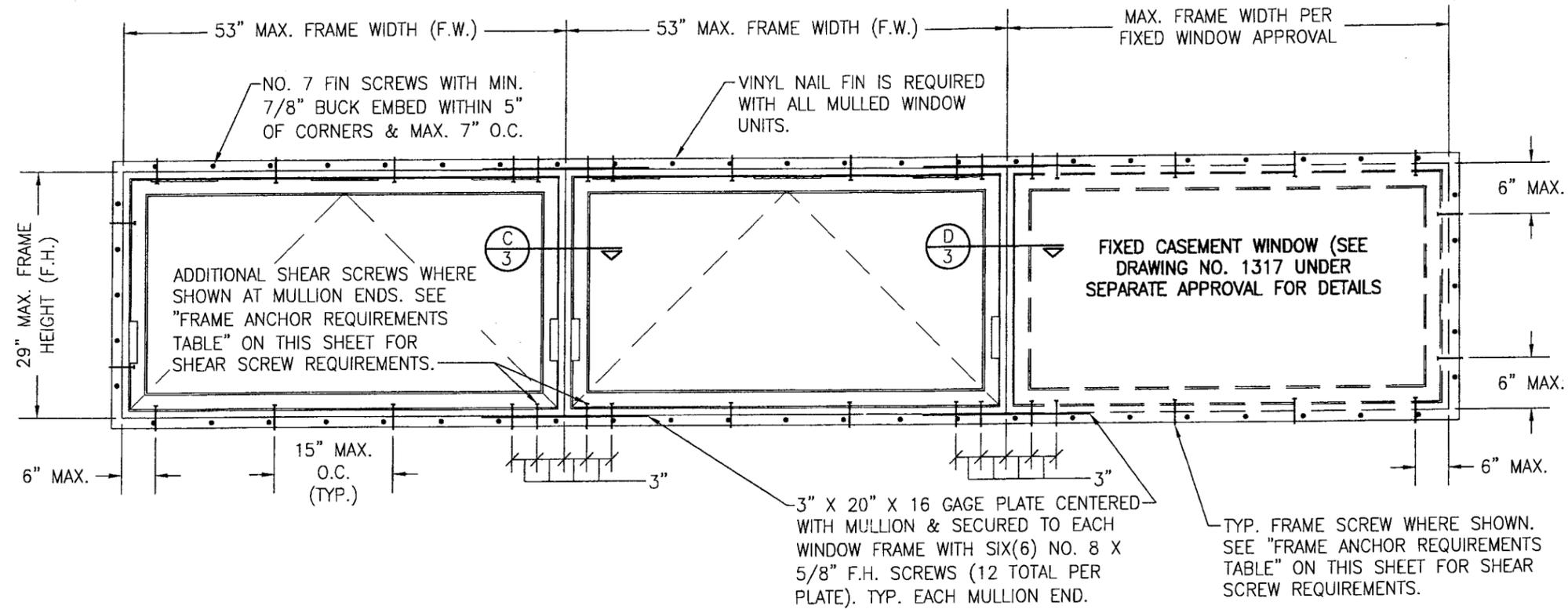
(1) CONCRETE SCREWS SHALL BE ELCO OR ITW RAMSET/RED HEAD TAPCONS, HILTI KWIK-CON II OR POWERS RAWL TAPPER (HARDENED STEEL OR S.S.).

*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.

HINGE TABLE	
MAX. FRAME HEIGHT	NO. HINGES REQ'D
45" & LESS	2
OVER 45"	3

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 05-0819.03
Expiration Date 11/11/09
By *[Signature]*
Miami Dade Product Control Division

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=16	DATE: 07/20/04
DATE	BY
08/08/05	WWS
01/31/06	WRM
01/31/06	WRM
NO.	REVISION DESCRIPTION
A1	UPDATE TO 2004 CODE COMPLIANT
B1	ADDED MULLION CONDITIONS
B2	ADDED GLASS OPTION 2
DRAWING TITLE ARCHITECT SERIES ALUMINUM CLAD WOOD IMPACT AWNING WINDOW	
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	
MANUFACTURER PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000	
CERTIFICATION FEB 02 2006 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1318	REV. B
SHEET NO. 1 OF 4	



MULTIPLE AWNING/FIXED WINDOW

SCALE: 3/4" = 1'-0"

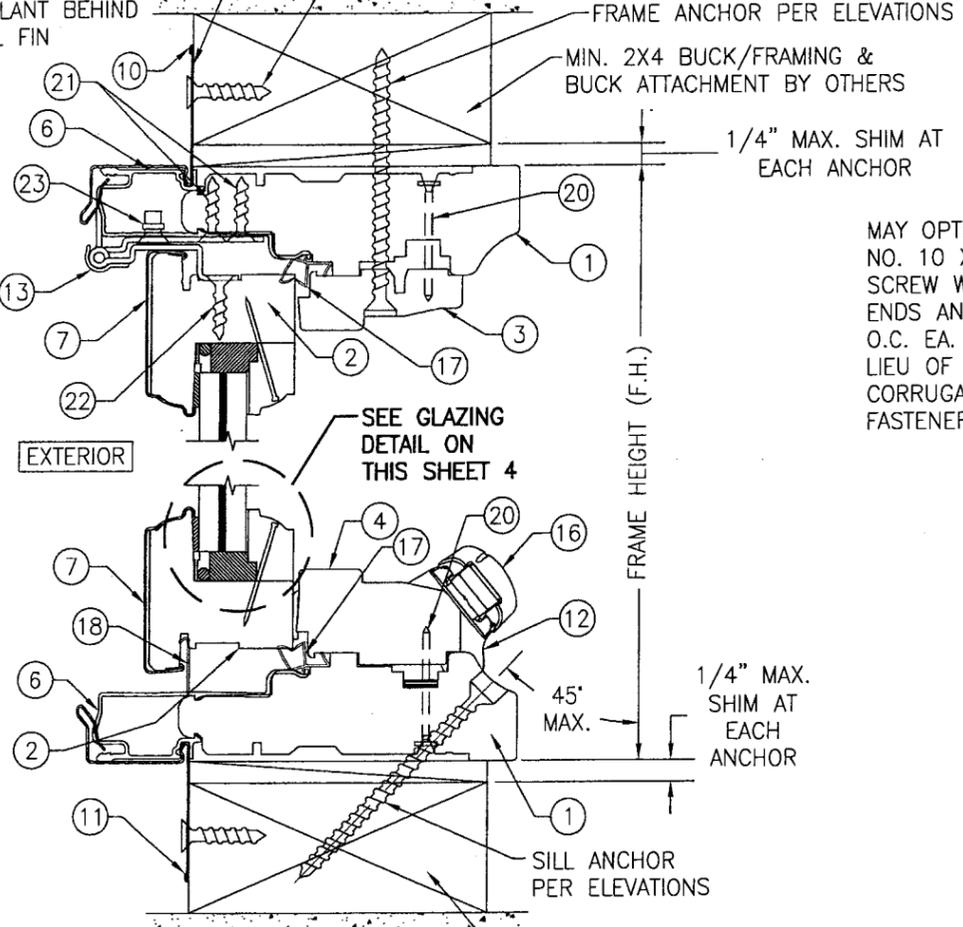
SEE SINGLE WINDOW ELEVATION FOR DETAIL NOT SHOWN

NOTE: UP TO 4 WINDOWS CONSISTING OF ANY COMBINATION OF FIXED OR OPERABLE MAY BE PLACED IN ONE OPENING PROVIDING THE OPENING IS DESIGNED TO SUPPORT THE WINDOWS.

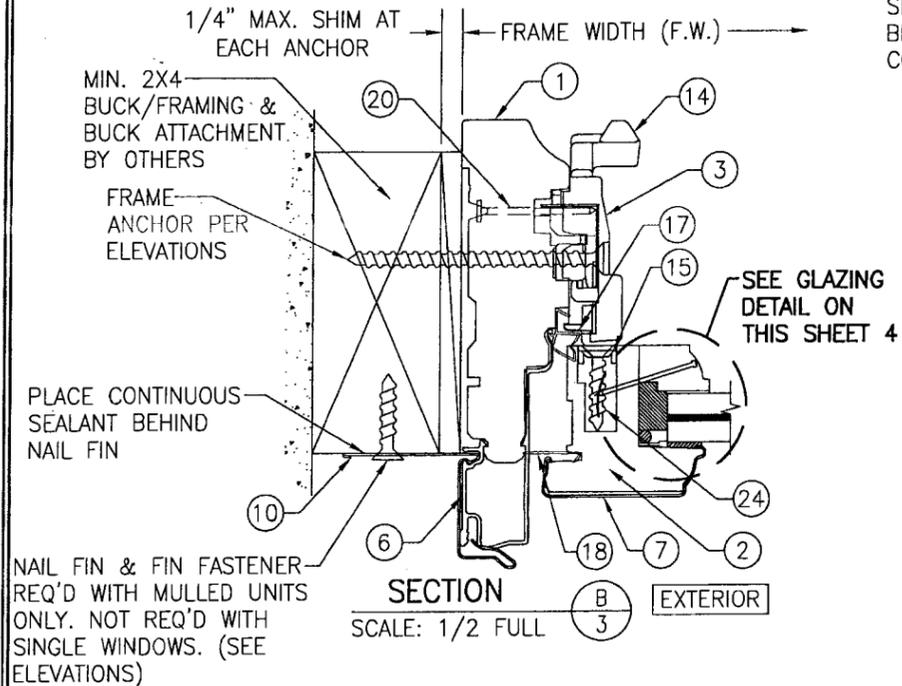
PRODUCT REVISED
 as complying with the Florida
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 Acceptance No. 05-0819.03
 Expiration Date 11/11/09
 By: *[Signature]*
 Miami Dade Product Control
 Division

DRAWN BY: K.P.S.		CHECKED BY: W.W.S.	
PLOT: 1=16		DATE: 07/20/04	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE ARCHITECT SERIES ALUMINUM CLAD WOOD IMPACT AWNING WINDOW			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.		MANUFACTURER Pella	
8855 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903		PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000	
CERTIFICATION FEB 02 2006		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1318		REV. B	
SHEET NO. 2 OF 4			

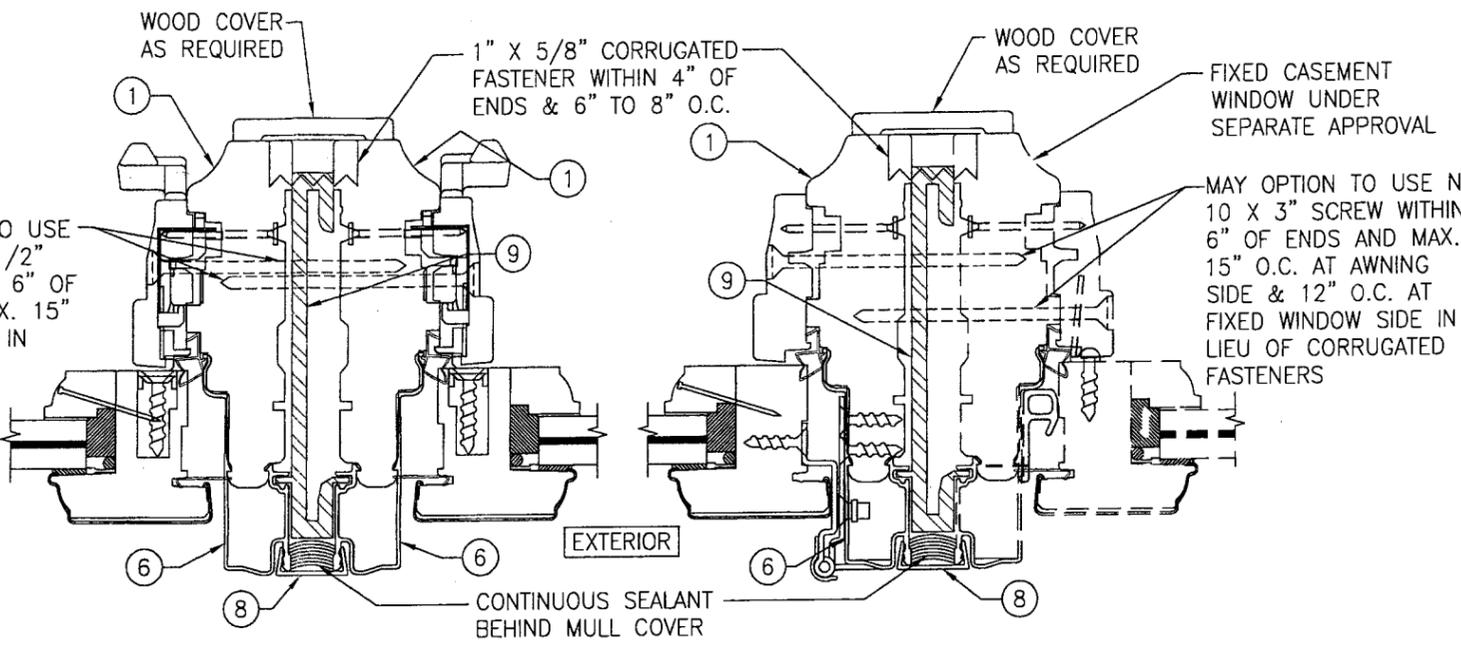
PLACE CONTINUOUS SEALANT BEHIND NAIL FIN
 NAIL FIN & FIN FASTENER REQ'D WITH MULLED UNITS ONLY. NOT REQ'D WITH SINGLE WINDOWS. (SEE ELEVATIONS)



SECTION A
 SCALE: 1/2 FULL

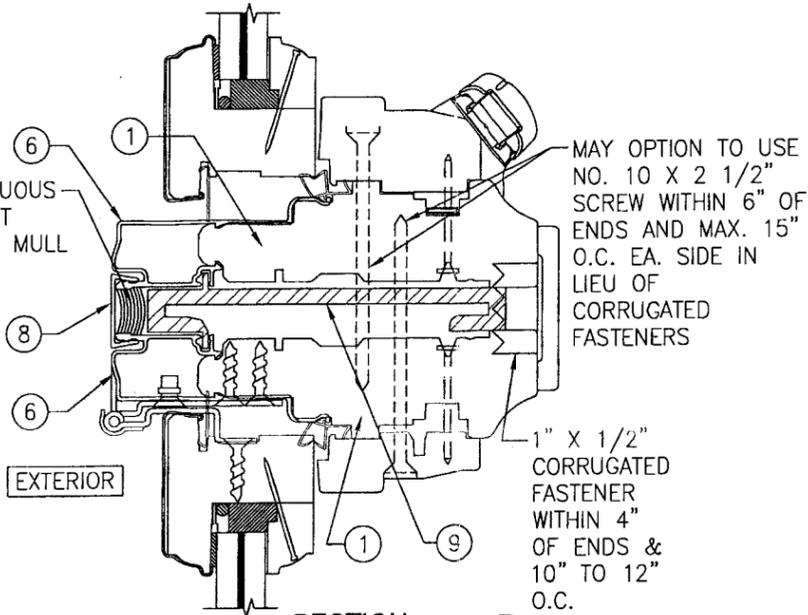


SECTION B
 SCALE: 1/2 FULL

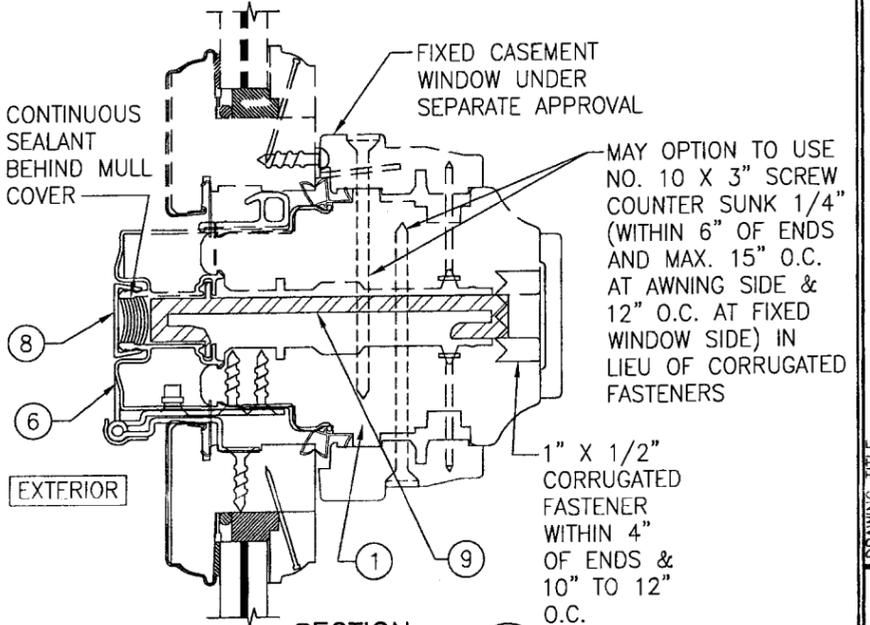


SECTION C
 SCALE: 1/2 FULL

SECTION D
 SCALE: 1/2 FULL



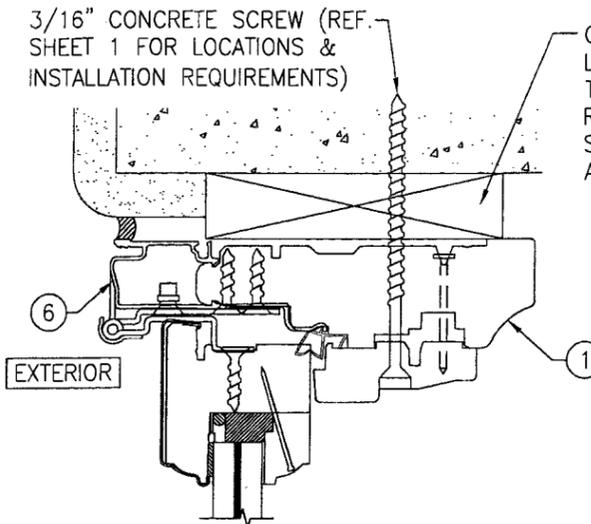
SECTION E
 SCALE: 1/2 FULL



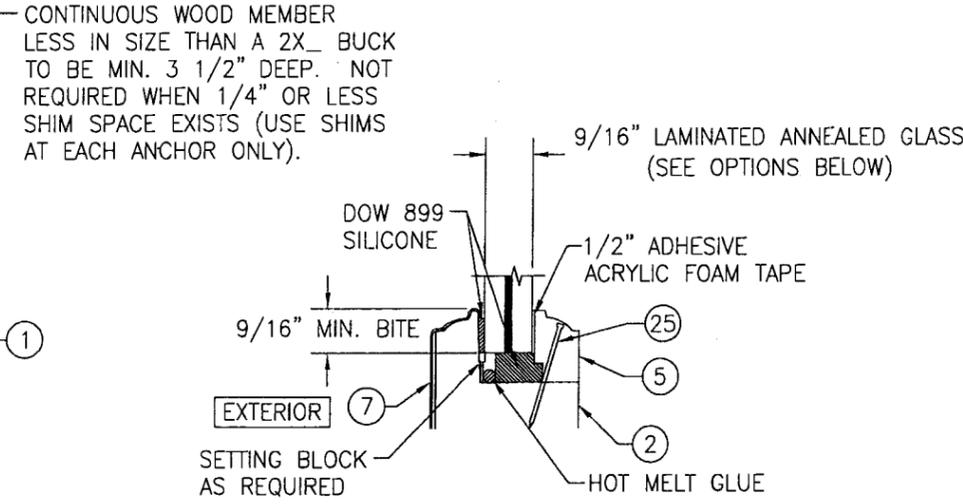
SECTION F
 SCALE: 1/2 FULL

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 By: *[Signature]*
 Miami Dade Product Control Division

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 07/20/04
DATE	BY
NO.	REVISION DESCRIPTION
DRAWING TITLE ARCHITECT SERIES ALUMINUM CLAD WOOD IMPACT AWNING WINDOW	
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	
MANUFACTURER PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000	
CERTIFICATION FEB 02 2006	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1318	REV. B
SHEET NO. 3 OF 4	



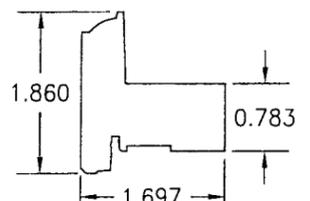
**OPTIONAL DIRECT MOUNT DETAIL
(NOT APPLICABLE WITH MULLED UNITS)**
FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS
(HEAD SECTION SHOWN; SIDES AND SILL SIMILAR)



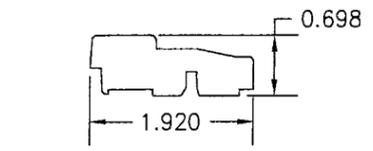
TYPICAL GLAZING DETAIL
OPTION 1: 9/16" DUPONT BUTACITE PVB LAMINATED
(1/4" AN/0.09" PVB/1/4" AN)
OPTION 2: 9/16" DUPONT SENTRY GLASS PLUS
LAMINATED (1/4" AN/0.09" SGP/1/4" AN)



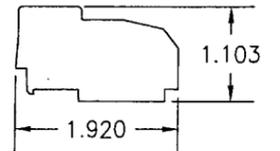
① JAMB



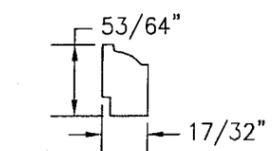
② SASH



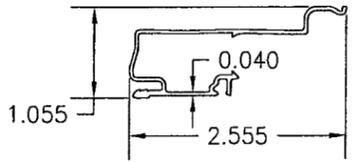
③ HEAD & SIDE STOP



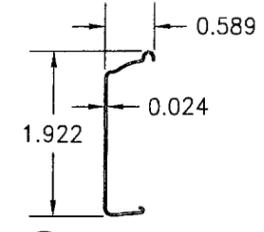
④ SILL STOP



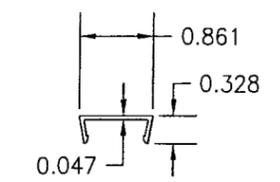
⑤ GLASS STOP



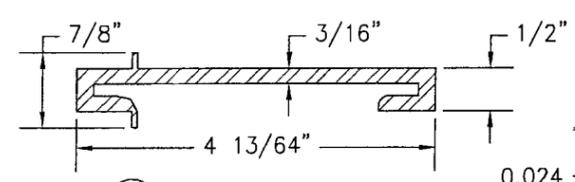
⑥ FRAME COVER



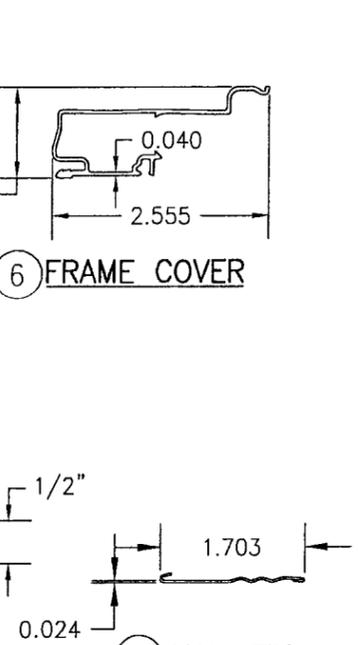
⑦ SASH COVER



⑧ MULLION CAP



⑨ ALUMINUM MULLION REINFORCEMENT



⑪ NAIL FIN

ITEM #	PART #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS			
1	35BG	JAMB	* WOOD
2	1A5S	SASH	* WOOD
3	30C4	HEAD & SIDE STOP	* WOOD
4	33BF	SILL STOP	* WOOD
5	-	GLASS STOP	* WOOD
6	0AJE	FRAME COVER	6063-T6 ALUMINUM
7	45D5	SASH COVER	3003-H14 OR 3105-H24 ALUMINUM
8	0A6M	MULLION CLIP	6063-T6 ALUMINUM
9	0A6G	ALUMINUM MULLION REINFORCEMENT	6063-T6 ALUMINUM
10	42G7	NAIL FIN	.0235" ALUMINUM
HARDWARE			
12	2ABA	INTEGRATED EGRESS ROTO OPERATOR	AS REQUIRED TO OPERATE WINDOW
13	140N	8" STAINLESS STEEL BUTT HINGE	PELLA
14	16B2	LOCK ASSEMBLY	PELLA
15	-	SASH STRIKE	1 PER LOCK CATCH
16	16BF	OPERATOR CRANK	AS REQUIRED TO OPERATE WINDOW
SEALS AND SEALANTS			
17	76Q3	PVC WEATHERSTRIP	PELLA
18	75T2	PVC RAINSTRIP	PELLA
MISC. FASTENERS			
20	-	1 3/8" RING SHANK NAIL	4" FROM CORNERS & 6" - 8" O.C.
21	-	#6 X 3/4" S.S. FH SCREW	8 PER HINGE LEAF
22	-	#6 X 3/4" S.S. FH SCREW	8 PER HINGE LEAF
23	-	3/16" X .540 POP RIVET	8 PER HINGE
24	-	#8 X 1 1/2" S.S. FH SCREW	2 PER SASH STRIKE
25	-	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.

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By: *Warren W. Schaeffer*
Product Control
Division

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 07/20/04
REVISION DESCRIPTION	DATE
NO.	
ARCHITECT SERIES ALUMINUM CLAD WOOD IMPACT AWNING 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	
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SHEET NO. 4 OF 4	