



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)

Palm City Millwork, Inc.
 3313 SW 42nd Ave.
 Palm City, FL 34990

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 Fixed Casement Window

APPROVAL DOCUMENT: Drawing No. 1204, titled "Aluminum Clad Wood Fixed Sash Set Window", sheets 1 through 3 of 3, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 1/20/03, 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 consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Theodore Berman, P.E.**



NOA No 03-0407.06
 Expiration Date: June 26, 2008
 Approval Date: June 26, 2003

Palm City Millwork, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **1204**, titled "Aluminum Clad Wood Fixed Sash Set Window", sheets 1 through 3 of 3, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 1/20/03, signed and sealed by Warren 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 and TAS 202-94
along with marked-up drawings and installation diagram of a casement window, prepared by Hurricane Test Laboratory, Inc., Test Report No. HTL 0067-0101-03 dated 12/30/02, signed and sealed by Vinu Abraham, P.E.

C. CALCULATIONS

1. Anchor Calculations and structural analysis, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 3/17/03, signed and sealed by Warren Schaefer, P.E.

D. MATERIAL CERTIFICATIONS

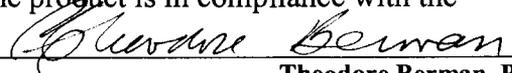
1. Notice of Acceptance No. **03-0421.01** issued to Solutia, Inc. for "Saflex HP" dated 5/22/03, expiring on 4/14/08.
2. Notice of Acceptance No. **01-0205.02** issued to Solutia, Inc. for "Saflex Keepsafe maximum" dated 5/17/01, expiring on 5/21/06.
3. Notice of Acceptance No. **01-0205.02** issued to UCB Chemicals Corporation for "Uvekol - Liq. Resin to adhere Glass" dated 2/08/01, expiring on 2/08/04.

E. STATEMENTS

1. Statement letter of conformance, dated 3/18/03, signed and sealed by Warren Schaefer, P.E.
2. Statement letter of no financial interest, dated 3/18/03, signed and sealed by Warren Schaefer, P.E.
4. Laboratory compliance letter for Test Report no. HTL 0067-0101-03, issued by Hurricane Test Laboratory, Inc., dated 3/21/03, signed and sealed by Vinu Abraham, P.E.

F. OTHER

1. Letter from the consultant stating that the product is in compliance with the Florida Building Code.



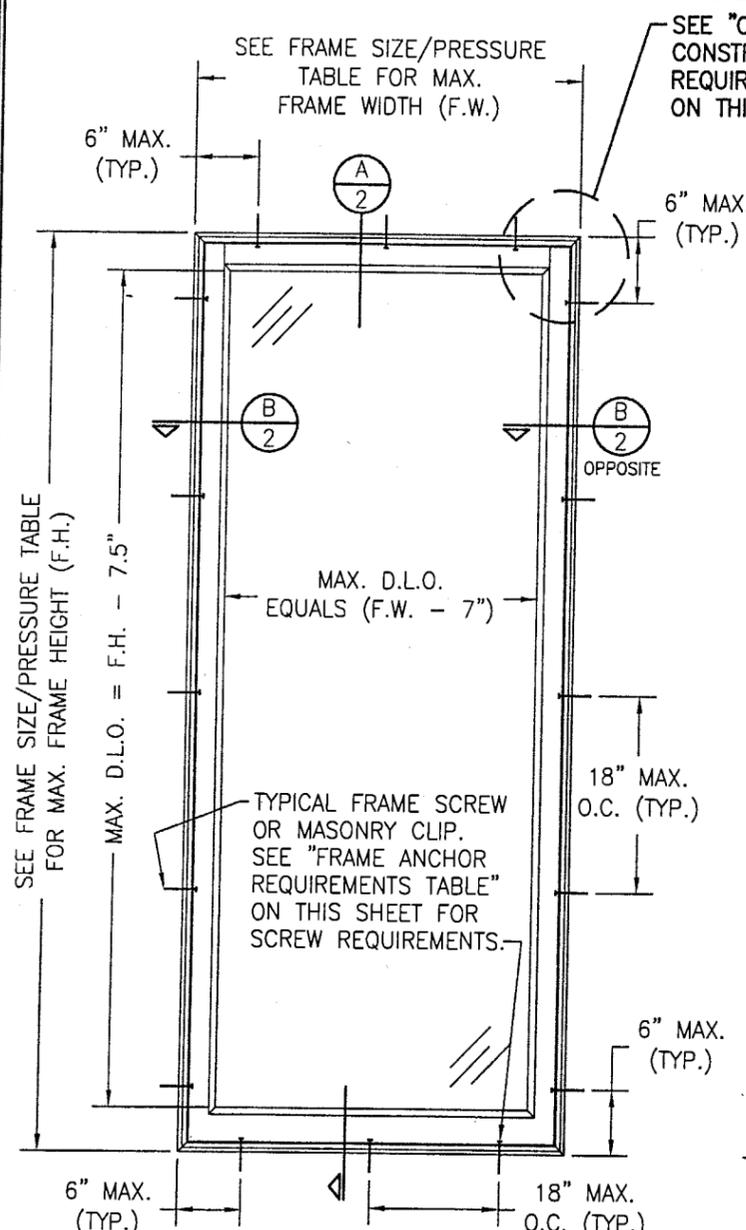
Theodore Berman, P.E.

Deputy Director, Product Control Division

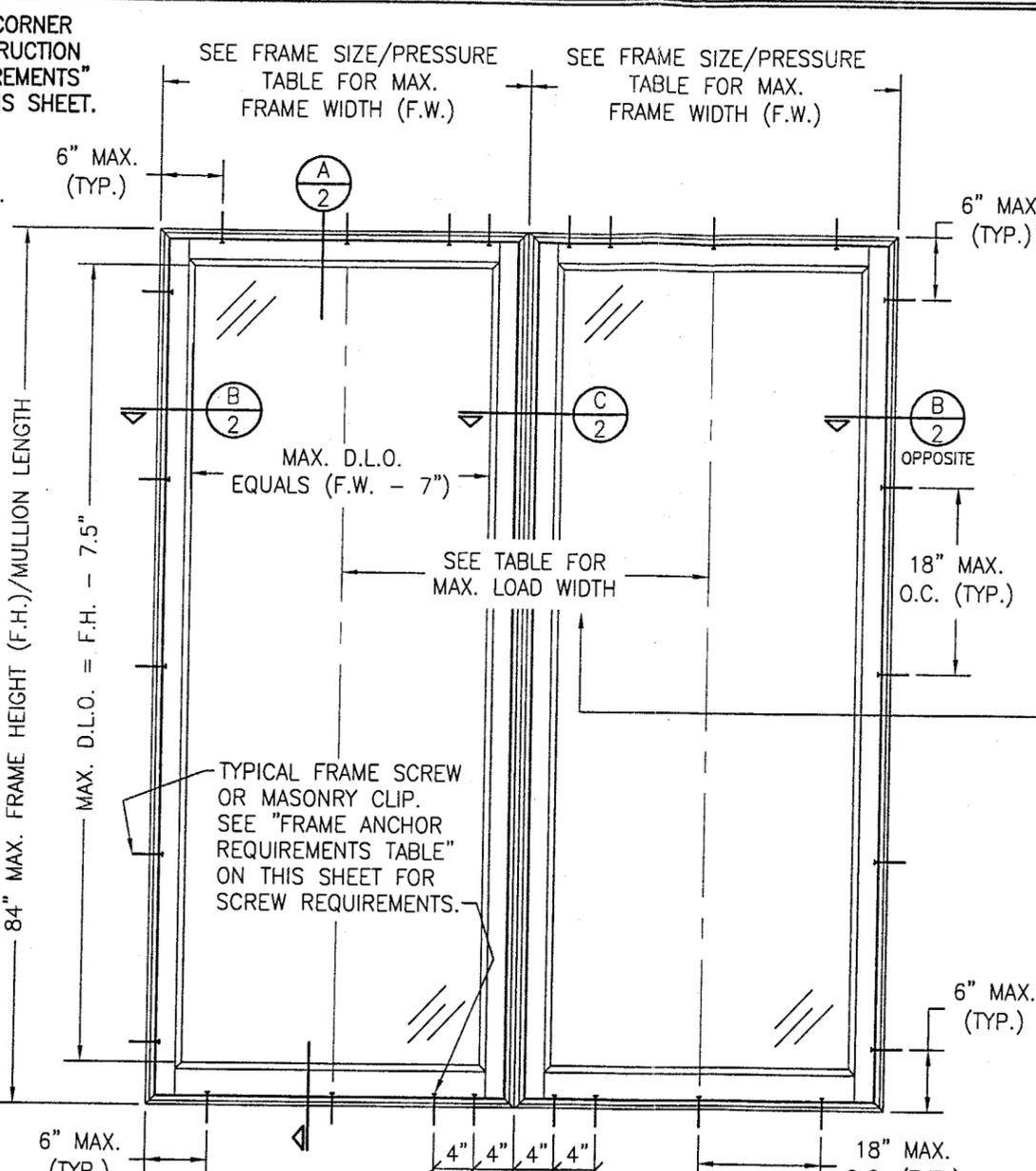
NOA No 03-0407.06

Expiration Date: June 26, 2008

Approval Date: June 26, 2003



EXTERIOR ELEVATION: SINGLE FIXED SASH SET WINDOW
SCALE: 3/4" = 1'-0"



EXTERIOR ELEVATION: MULTIPLE FIXED SASH SET WINDOWS (UP TO 4 WINDOWS MAY BE COMBINED IN ONE OPENING)
SCALE: 3/4" = 1'-0"

(FOR DETAIL NOT SHOWN, SEE SINGLE WINDOW ELEVATION)

ALLOWABLE WINDOW FRAME SIZE & PRESSURE TABLE
(APPLICABLE TO BOTH SINGLE & MULTIPLE WINDOW UNITS)

FRAME SHORT DIMENSION (IN.)	MAX. FRAME LONG DIMENSION (IN.)	ALLOWABLE PRESSURE	
		POSITIVE (PSF)	NEGATIVE (PSF)
24	126	66.0	70.0
30	100	66.0	70.0
36	84	60.0	70.0
42	72	51.4	60.0
48	63	45.0	52.5
54	56	40.0	46.7

MULLION LENGTH	MAX. LOAD WIDTH
84"	36"
81"	37"
78"	39"
75"	40"
72"	42"
69"	44"
66"	46"
63"	48"
60"	50"
57"	53"
54"	54" OR GREATER

- MULTIPLE UNIT NOTES:**
1. ALL WINDOWS ARE RESTRICTED BY THE DIMENSIONS SHOWN IN THE ELEVATIONS & LOAD TABLE.
 2. THE MAXIMUM ALLOWABLE PRESSURE FOR A COMBINED UNIT IS CONTROLLED BY THE INDIVIDUAL WINDOW ALLOWABLE PRESSURES. SEE SIZE/PRESSURE TABLE ON THIS SHEET.
 3. STACKING MAY BE HORIZONTAL OR VERTICAL.

CORNER CONSTRUCTION:

- WOOD JAMBS:** MITERED AND JOINED WITH STRUCTURAL SILICONE AND SECURED WITH THREE (3) NO. 8 X 2" S.S. WOOD SCREWS THRU HEAD AND SILL JAMBS INTO SIDE JAMBS & (2) NO. 8 X 2" S.S. WOOD SCREWS THRU SIDE JAMBS INTO HEAD AND SILL JAMBS
- JAMB CLAD:** MITERED AND SECURED WITH ONE (1) NO. 6 X 1 1/4" S.S. WOOD SCREW THRU HEAD CLAD INTO SIDE JAMB CLAD SCREW BOSS
- WOOD SASH:** BUTTED WITH MORTISE & TENON AND GLUED WITH FRANKLIN MULTI-BOND WOOD GLUE
- SASH CLAD:** SLID ONTO WOOD MEMBERS WITH RAIL CLAD BUTTED TO STILE CLAD & SEALED WITH SILICONE.

*** FRAME ANCHOR REQUIREMENTS TABLE**

OPENING TYPE (SUBSTRATE)	JAMB TO OPENING FASTENER TYPE	MINIMUM EMBEDMENT	MINIMUM EDGE DIST.
2X_ WOOD FRAME OR BUCK	NO. 10 SMS SCREW	1 1/4"	1"
CMU/CONCRETE	(1) 3/16" CONCRETE SCREWS	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 SCREWS SHALL BE USED. WHEN DIRECT MOUNTED OR MOUNTED WITH SPACER, 3/16" CONCRETE SCREW SHALL BE USED. SEE "ANCHOR REQUIREMENTS TABLE" FOR EMBED REQUIREMENTS.

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.
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 FLORIDA BUILDING CODE (F.B.C.).
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.

LONG DIMENSION OF WINDOW MAY BE HORIZONTAL OR VERTICAL (HEIGHT & WIDTH MAY BE INTERCHANGED).

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1-16	DATE: 01/20/03
DATE	BY
REVISION DESCRIPTION	
NO.	

DRAWING TITLE: ALUMINUM CLAD WOOD FIXED SASH SET WINDOW

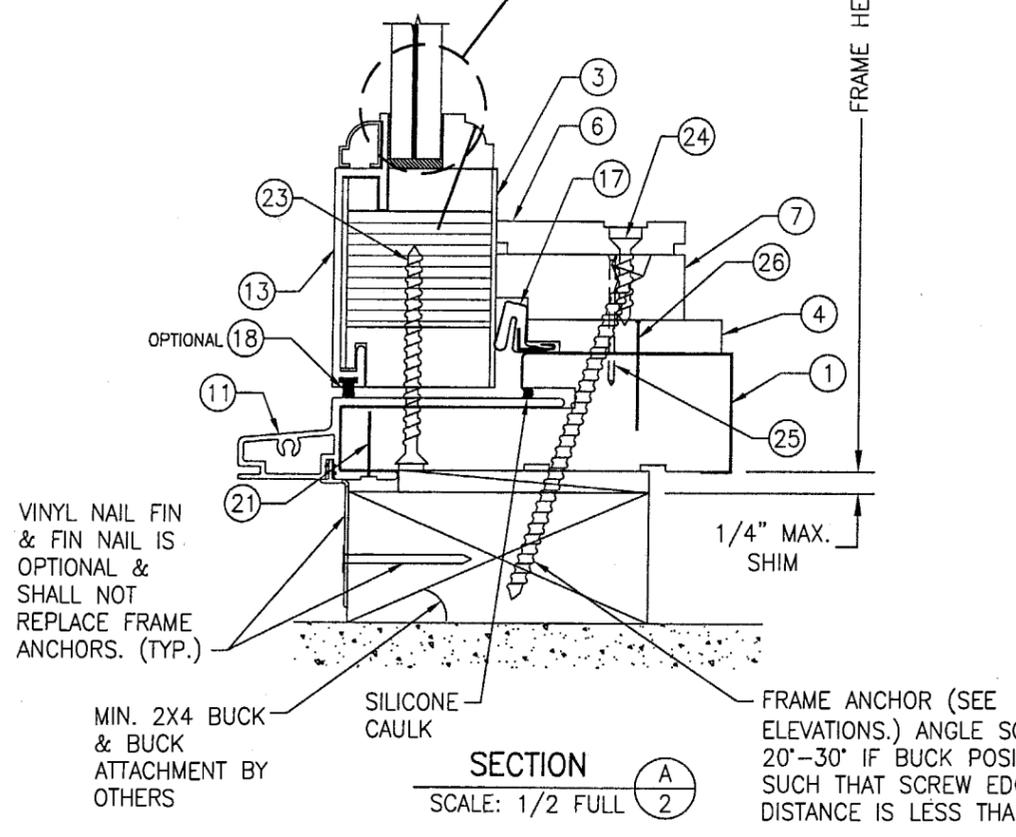
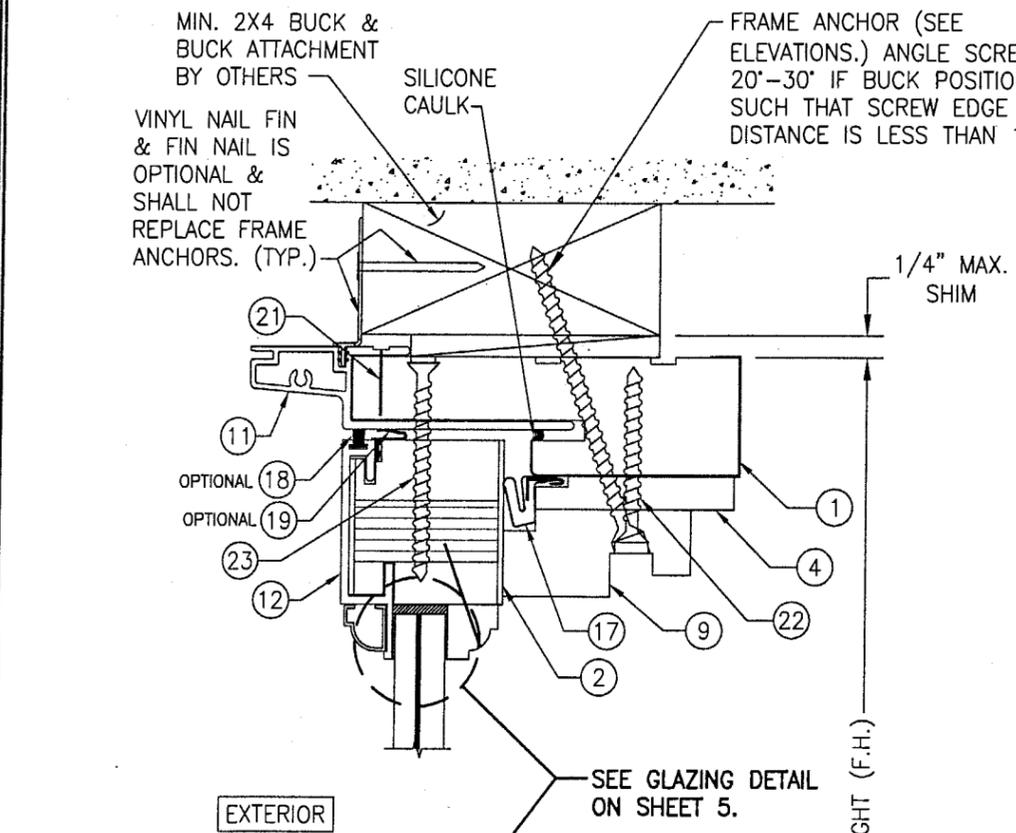
MANUFACTURER: PALM CITY MILLWORK, INC.
3313 S.W. 42ND AVE.
PALM CITY, FL 34990
800-273-5598

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

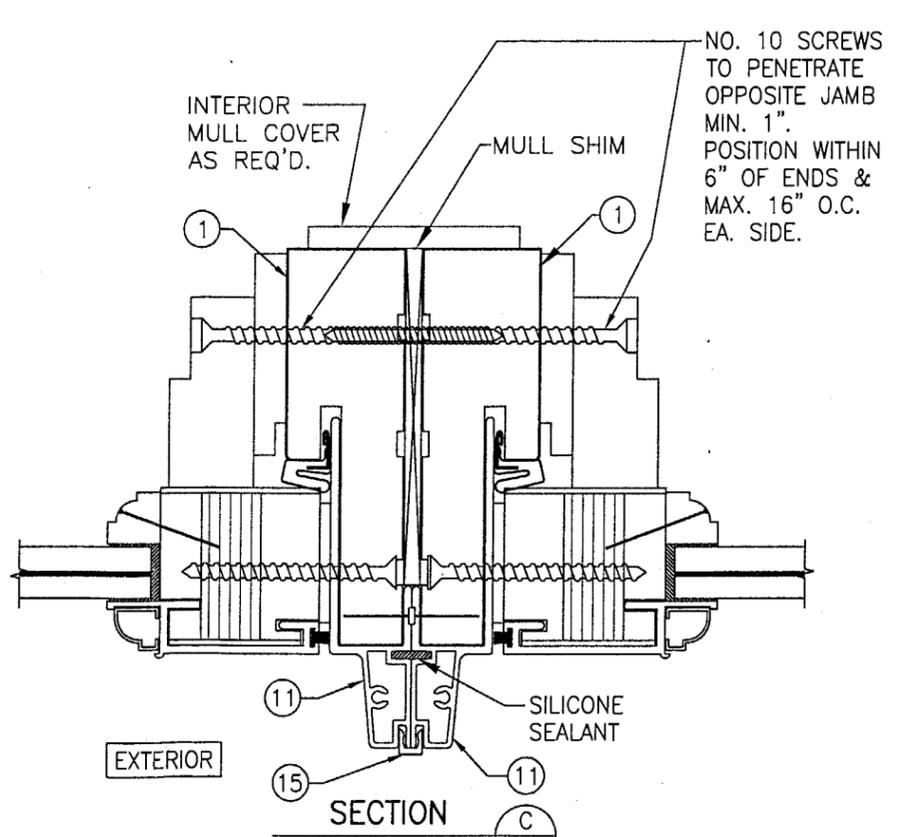
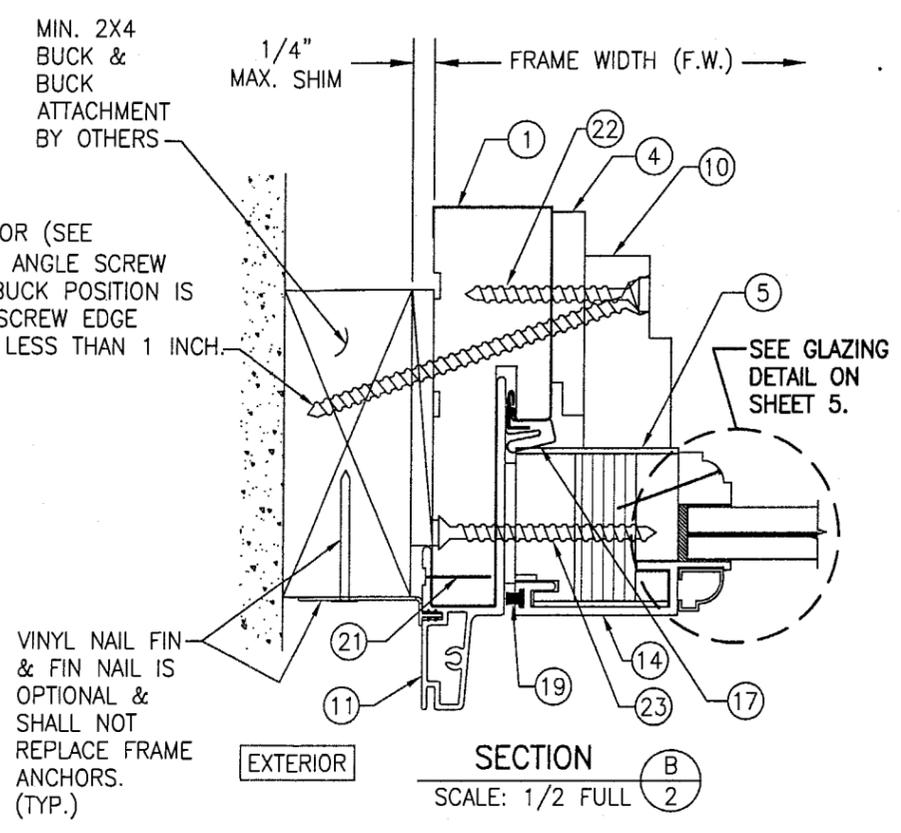
CERTIFICATION: Approved as complying with the Florida Building Code
Date: 06/26/03
NCA#: 03-0403.06
Miami Dade Product Control
Div: 2
By: Warren W. Schaefer, P.E.
P.E. NO. 44135

MAR 18 2003

DRAWING NO. 1204 REV. SHEET NO. 1 OF 3



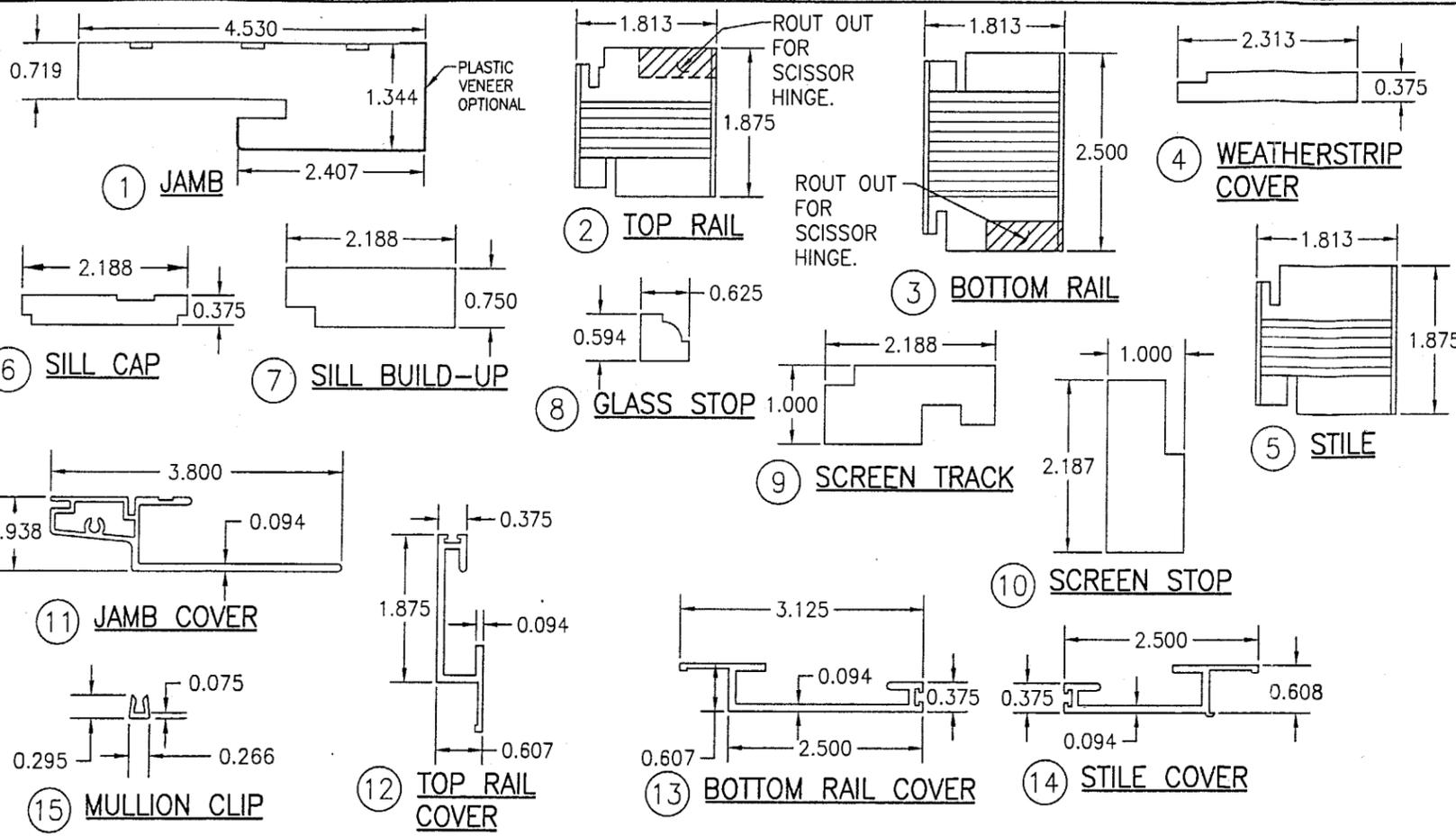
SECTION A
SCALE: 1/2 FULL



SECTION C
SCALE: 1/2 FULL
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS.)

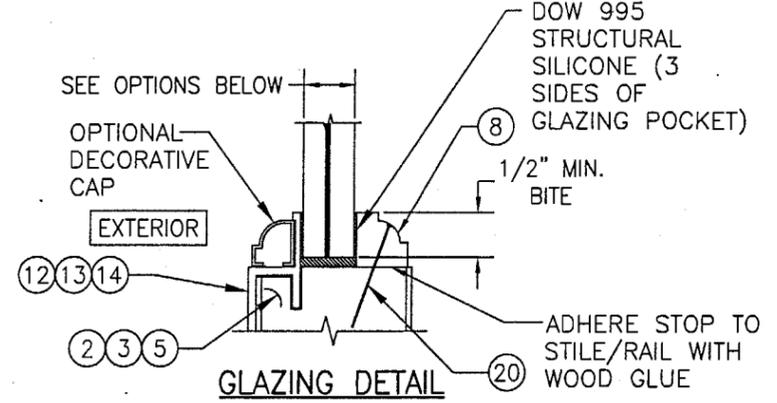
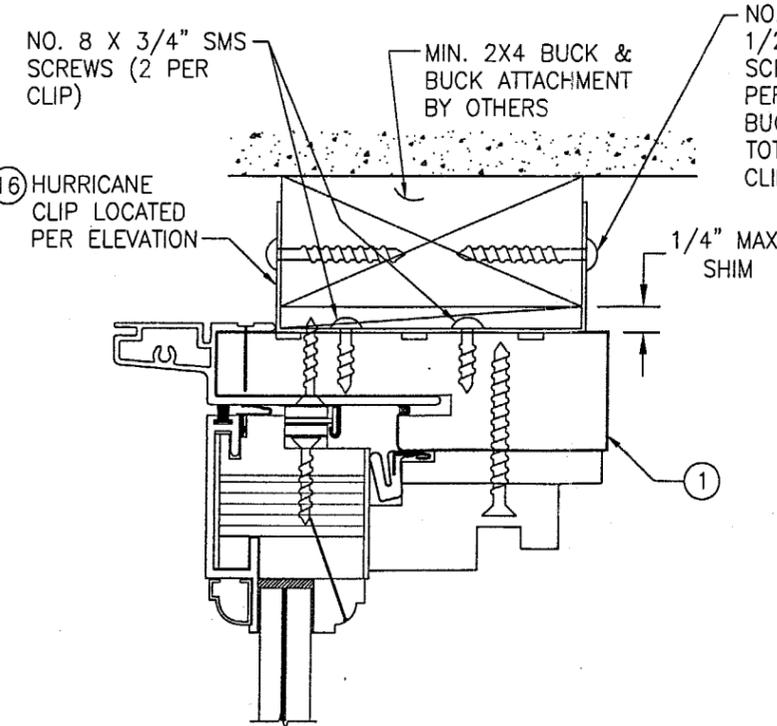
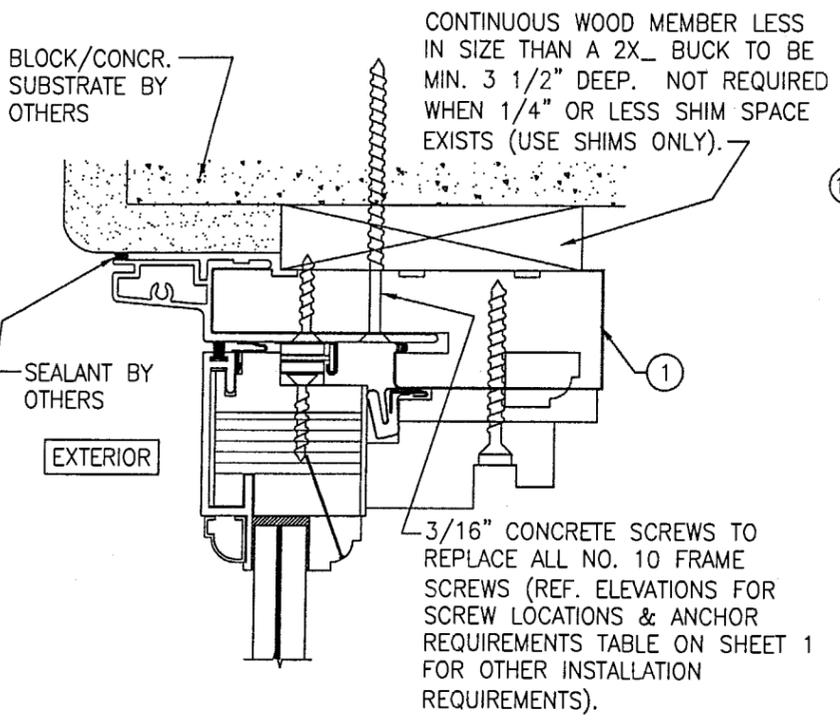
Approved as complying with the
Florida Building Code
Date 06/26/03
NOA# 03-0407.06
Miami Dade Product Control
Division
By *Warren W. Schaefer*

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 01/20/03
DATE	
BY	
REVISION DESCRIPTION	
NO.	
DRAWING TITLE ALUMINUM CLAD WOOD FIXED SASH SET WINDOW	
MANUFACTURER PALM CITY MILLWORK, INC. 3313 S.W. 42ND AVE. PALM CITY, FL 34990 800-273-5598	
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 MAR 18 2003	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1204	REV.
SHEET NO. 2	OF 3



ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS		
1	JAMB	WHITE SUGAR PINE
2	TOP RAIL	LVL CORE WITH MAHOGANY VENEER
3	BOTTOM RAIL	LVL CORE WITH MAHOGANY VENEER
4	WEATHERSTRIP COVER	MAHOGANY
5	STILE	LVL CORE WITH MAHOGANY VENEER
6	SILL CAP	MAHOGANY
7	SILL BUILD-UP	MAHOGANY
8	GLASS STOP	MAHOGANY
9	SCREEN TRACK	MAHOGANY
10	SCREEN STOP	MAHOGANY
11	JAMB COVER	6063-T5 ALUMINUM
12	TOP RAIL COVER	6063-T5 ALUMINUM
13	BOTTOM RAIL COVER	6063-T5 ALUMINUM
14	STILE COVER	6063-T5 ALUMINUM
15	MULLION CLIP (CONTINUOUS)	6063-T5 ALUMINUM
16	HURRICANE CLIP 0.043" X 1 1/4" X 6.5"	MIN. 33 P.S.I. GALVANIZED STEEL
SEALS & SEALANTS		
17	WEATHER STRIP	SCHLEGEL Q-LON #QEED-650
18	SEAL (OPTIONAL AT HEAD AND SILL)	SCHLEGEL 5/32" BLACK FIN SEAL
19	POLYFLEX SEAL (OPTIONAL)	SCHLEGEL #PF-109
FASTENERS		
20	18 GA. X 1" FINISH NAIL	2" FROM CORNERS & 5" MAX. O.C.
21	18 GA. X 7/8" X 3/4" S.S. STAPLES	5" FROM CORNERS & 6" MAX. O.C.
22	#8 X 2" FH SS WOOD SCREW	2" FROM ENDS & 12" MAX. O.C.
23	#10 X 2 1/2" FH SS SMS	6" FROM ENDS & 16" MAX. O.C.
24	#8 X 1" S.S. WOOD SCREW	2" FROM ENDS & AT MIDPOINT OF SILL CAP
25	18 GA. X 1 1/2" FINISH NAIL	2" FROM CORNERS & 8" O.C.
26	18 GA. X 1" FINISH NAIL	2" FROM CORNERS & 5" O.C.

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
DATE: 1=2	DATE: 01/20/03
NO.	NO.
REVISION DESCRIPTION	REVISION DESCRIPTION



- OPTION #1: 7/16" THICK SOLUTIA SAFLEX HP LAMINATED ANNEALED GLASS (3/16" AN/0.10" SAFLEX HP/3/16" AN)
- OPTION #2: 1/2" THICK SMITH MOUNTAIN UVEKOL LAMINATED ANNEALED GLASS (3/16" AN/0.120" UVEKOL/3/16" AN)
- OPTION #3: 7/16" THICK SOLUTIA SAFLEX PVB LAMINATED ANNEALED GLASS (3/16" AN/0.09" SAFLEX PVB/3/16" AN)

Approved as complying with the
Florida Building Code
Date 06/26/03
NOA# 03-0407-06
Miami Dade Product Control
Division
By *Glenn A. Bowman*

DRAWING TITLE: ALUMINUM CLAD WOOD FIXED SASH SET WINDOW

MANUFACTURER: PALM CITY MILLWORK, INC.
3313 S.W. 42ND AVE.
PALM CITY, FL 34990
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CERTIFICATION: MAR 18 2003
WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

DRAWING NO. 1204	REV.
SHEET NO. 3	OF 3