



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY, FLORIDA  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
T (786) 315-2590 F (786) 315-2599

**NOTICE OF ACCEPTANCE (NOA)**

[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**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 and accepted by Miami-Dade County RER-Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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: Series "10 Vinyl 1/2" Flange" White PVC Fixed Window – N.I.**

**APPROVAL DOCUMENT:** Drawing No. 1838, titled "10 Series Vinyl Non-Impact Fixed Window", sheets 1 through 2 of 2, dated 10/10/12 with the latest revision dated 01/16/13, 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 Section Approval stamp with the Notice of Acceptance number and Approval date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING: None.**

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, 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 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*  
1/24/13

NOA No. 12-1108.04  
Expiration Date: January 31, 2018  
Approval Date: January 31, 2013

**Pella Corporation**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **1838**, titled "10 Series Vinyl Non-Impact Fixed Window", sheets 1 through 2 of 2, dated 10/10/12 with the latest revision dated 01/16/13, 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 ASTM E 283-04 (12) and per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per ASTM E 330-02 (10) and per FBC, TAS 202-94
  - 3) Water Resistance Test, per ASTM E 547-00 (09), per ASTM E 331-00 (09) and per FBC, TAS 202-94
  - 4) Forced Entry Test, per ASTM E 588-07, Type "A", Type "D", Grade "10" and per FBC 2411.3.2.1, TAS 202-94along with marked-up drawings and installation diagram of fixed window, prepared by National Certified Testing Laboratories, Inc., Test Reports No.'s **NCTL-110-15217-1** and **NCTL-110-15218-1**, dated 10/29/12, signed and sealed by Harold E. Rupp, P. E.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with **FBC-2010**, dated 10/23/12, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 01/16/13, signed and sealed by Warren W. Schaefer, P. E.
2. **Glazing complies with ASTM E1300-04**

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **11-0830.09** issued to Mikron Industries, Inc. for "**White Rigid PVC Exterior Extrusions for Windows and Doors**" dated 10/06/11, expiring on 12/26/16.



Jaime D. Gascon, P. E.  
Product Control Section Supervisor  
NOA No. 12-1108.04  
Expiration Date: January 31, 2018  
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**F. STATEMENTS**

1. Statement letter of conformance and complying with **FBC-2010** and ANSI/ AAMA/ NWWDA 101/ I.S.2-97, issued by W. W. Schaefer Engineering & Consulting, P.A., dated 10/15/12, signed and sealed by Warren W. Schaefer, P. E.
2. Statement letter of no financial interest and independence, issued by W. W. Schaefer Engineering & Consulting, P.A., dated 10/15/12, signed and sealed by Warren W. Schaefer, P. E.
3. Laboratory compliance letters for Test Reports No.'s **NCTL-110-15217-1** and **NCTL-110-15218-1**, issued by National Certified Testing Laboratories, Inc., dated 10/29/12, signed and sealed by Harold E. Rupp, P. E.

**G. OTHERS**

1. None.



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**Jaime D. Gascon, P. E.**  
**Product Control Section Supervisor**  
**NOA No. 12-1108.04**  
**Expiration Date: January 31, 2018**  
**Approval Date: January 31, 2013**

**ALLOWABLE SINGLE WINDOW SIZE/PRESSURE TABLE**

MAXIMUM FRAME LONG DIMENSION (IN.)	MAXIMUM FRAME SHORT DIMENSION (IN.)	ALLOWABLE PRESSURE (PSF)		MAXIMUM FRAME LONG DIMENSION (IN.)	MAXIMUM FRAME SHORT DIMENSION (IN.)	ALLOWABLE PRESSURE (PSF)		
		POS.	NEG.			POS.	NEG.	
144	40	33.3	33.3	75	60	44.8	44.8	
	36	38.9	38.9		54	49.8	49.8	
	30	46.7	46.7		48	53.8	53.8	
	24	55.0	58.3		42	55.0	58.1	
	18	55.0	77.8		36	55.0	64.2	
132	42	32.7	32.7	72	30	55.0	73.2	
	36	41.7	41.7		24	55.0	87.1	
	30	50.9	50.9		20	55.0	100.0	
	24	55.0	63.6		60	46.7	46.7	
	18	55.0	84.8		54	51.9	51.9	
120	48	33.9	33.9	60	48	54.9	54.9	
	42	35.5	35.5		42	55.0	59.0	
	36	43.8	43.8		36	55.0	65.1	
	30	55.0	56.0		30	55.0	74.0	
	24	55.0	70.0		24	55.0	87.8	
108	53	35.2	35.2	54	20	55.0	100.0	
	48	38.9	38.9		60	55.0	56.0	
	42	39.5	39.5		54	55.0	59.1	
	36	46.2	46.2		48	55.0	61.0	
	30	55.0	62.2		42	55.0	64.3	
96	24	55.0	77.8	48	36	55.0	69.7	
	18	55.0	100.0		30	55.0	78.1	
	60	35.0	35.0		24	55.0	91.5	
	54	38.9	38.9		21	55.0	100.0	
	48	43.8	43.8		54	55.0	65.1	
84	42	46.3	46.3	42	48	55.0	65.9	
	36	51.0	51.0		42	55.0	68.4	
	30	55.0	69.0		36	55.0	73.2	
	24	55.0	83.6		30	55.0	81.1	
	19	55.0	100.0		24	55.0	94.1	
84	60	40.0	40.0	36	22	55.0	100.0	
	54	44.4	44.4		48	55.0	73.2	
	48	50.0	50.0		42	55.0	74.4	
	42	55.0	55.7		36	55.0	78.1	
	36	55.0	58.1		30	55.0	85.2	
84	30	55.0	71.3	42	24	55.0	97.6	
	24	55.0	85.4		42	55.0	83.6	
	19	55.0	100.0		36	55.0	85.4	
	36	36	55.0		97.6	30	55.0	91.1
		30	55.0		100.0	24	55.0	100.0

1. WINDOW SIZES SHOWN ARE MAXIMUM SIZES. SMALLER SIZES SHALL APPLY TO LOADS EQUAL TO THE NEAREST LARGER SIZE SHOWN IN TABLE.  
 2. LONG DIMENSION MAY BE HORIZONTAL OR VERTICAL  
 3. DIMENSIONS SHOWN ARE +/- 1/2".

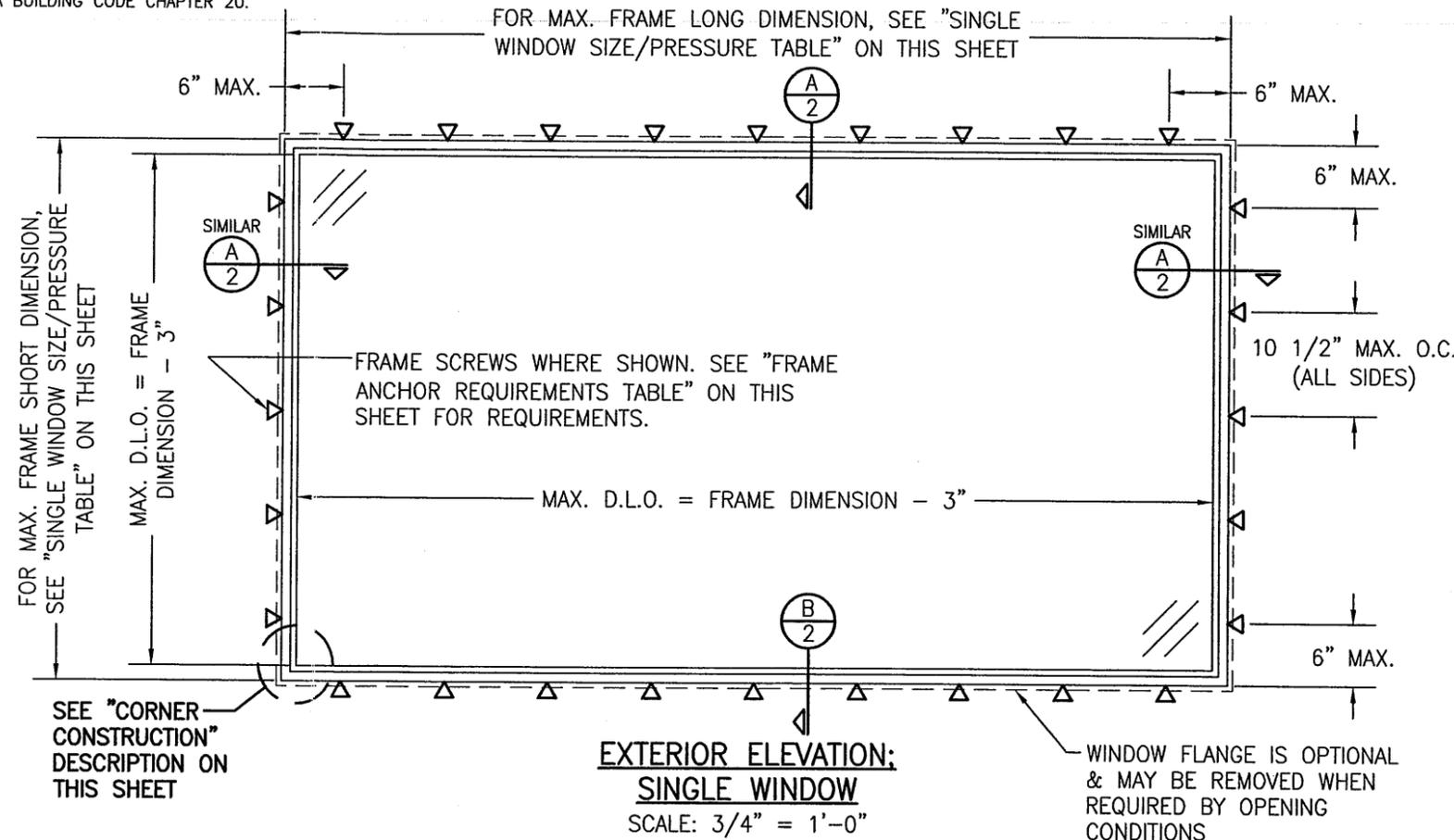
**GENERAL NOTES:**

1. THESE WINDOW SYSTEMS HAVE BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".
2. OPENINGS, BUCKING & 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 & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, FORCED ENTRY & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH THE FLORIDA BUILDING CODE PROTOCOL TAS-202 FOR NON-IMPACT WINDOWS.
5. THESE WINDOW SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
6. THESE WINDOWS ARE NON-IMPACT RATED & MUST BE SHUTTERED WITH A FLORIDA CODE APPROVED SHUTTER WHERE REQUIRED BY CODE.
7. ALL 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.
8. DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, A DIRECTIONALITY FACTOR OF  $K_d = 0.85$  MAY BE APPLIED PER THE ASCE-7 STANDARD.
9. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. WIND LOAD DURATION FACTOR  $C_d = 1.6$  WAS USED FOR WOOD SCREW ANALYSIS ONLY.
10. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE CHAPTER 20.

THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR RATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

DRAWN BY:	W.R.M.	CHECKED BY:	W.W.S.
PLOT:	1-16	DATE:	10/10/12

**CORNER CONSTRUCTION:**  
 FRAME MEMBERS ARE MITERED & FULLY WELDED.



**FRAME ANCHOR REQUIREMENTS TABLE**

(1) FRAME SCREWS			
OPENING TYPE (SUBSTRATE)	FRAME TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
(2) MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 10 SMS OR WOOD SCREW	1 1/4"	3/4"
MIN. 18 GA. 33 KSI METAL STUD	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. C-90 CMU OR 2500 PSI CONCRETE	(3) 1/4" CONCRETE SCREW	1 1/4"	2"

- (1) SCREWS SHALL BE PAN HEAD OR HEX HEAD SCREW.
- (2) 2X4 BUCKS MAY BE TAPERED OR NOTCHED AT THEIR INTERIOR SIDE IF REQUIRED TO ALLOW INTERIOR DRYWALL, PANELING OR CASING TO BUTT AGAINST THE WINDOW FRAME EDGE.
- (3) CONCRETE SCREWS SHALL BE ELCO ULTRACONS (C.S.), ELCO CRETE-FLEX (S.S.), ITW RAMSET/RED HEAD TAPCONS (C.S. OR S.S.) OR HILTI KWIK-CON II (C.S. OR S.S.).

Approved as complying with the Florida Building Code  
 Date: 01/31/2013  
 NOA# 12-1108.04  
 Miami Code Product Control  
 By: [Signature]



NO.	REVISION DESCRIPTION	DATE	BY

**10 SERIES VINYL NON-IMPACT FIXED WINDOW**

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

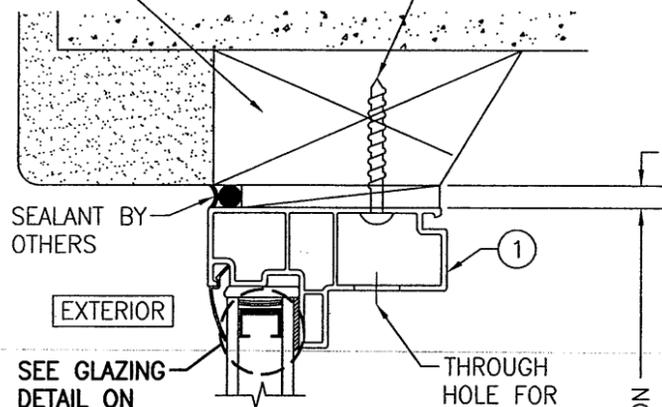
MANUFACTURER

W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)  
 7480 150TH COURT NORTH  
 PALM BEACH GARDENS, FL 33418  
 PHONE: 561-744-3424

DRAWING NO.	1838	REV.	
SHEET NO.	1	OF	2

SUBSTRATE BY OTHERS PER "FRAME ANCHOR REQUIREMENTS TABLE"

FRAME ANCHOR PER ELEVATION



1/4" MAX. SHIM AT EACH ANCHOR

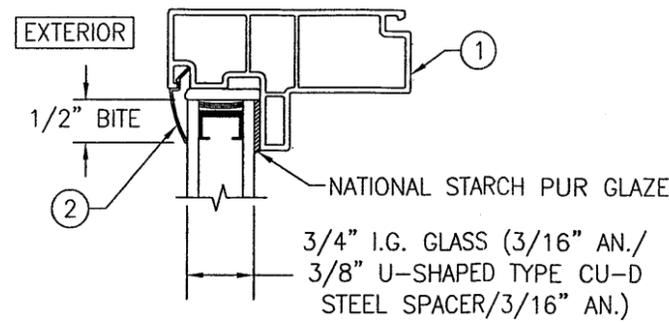
SEALANT BY OTHERS

SEE GLAZING DETAIL ON THIS SHEET

THROUGH HOLE FOR FRAME SCREW

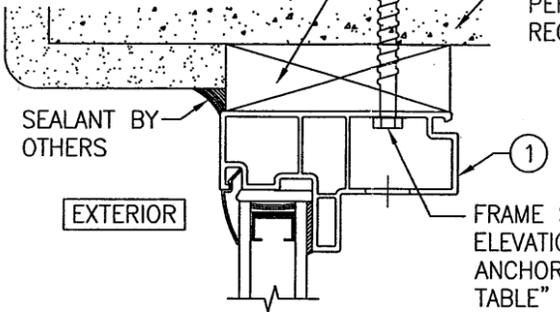
SECTION A  
SCALE: 1/2 FULL

FRAME DIMENSION



TYPICAL GLAZING DETAIL

CONTINUOUS WOOD MEMBER LESS IN THICKNESS THAN A 2X BUCK TO BE MIN. 2 1/2" DEEP (NOT REQUIRED WHEN SHIM SPACE IS WITHIN ALLOWABLE DIMENSIONS SHOWN IN SECTIONS).

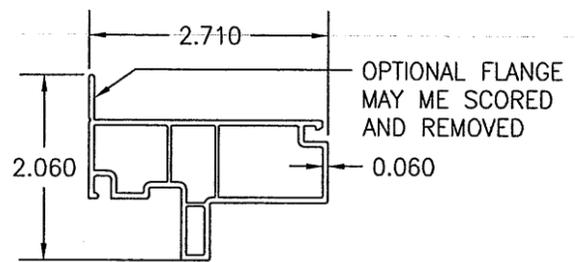


OPTIONAL DIRECT MOUNT DETAIL TO SUBSTRATE WITH SPACER

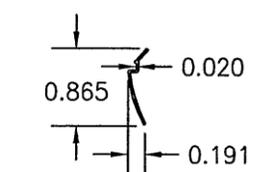
(HEAD SECTION SHOWN; SILL & SIDES ARE INSTALLED THE SAME)  
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS		
1	FRAME	(*) VINYL
2	GLAZING BEAD	(*) VINYL
3	0.815" X 0.115" 1.500" MIN. LONG SETTING BLOCK	(*) VINYL; POSITIONED WITHIN 6" OF GLASS ENDS & 40" MAX. O.C.

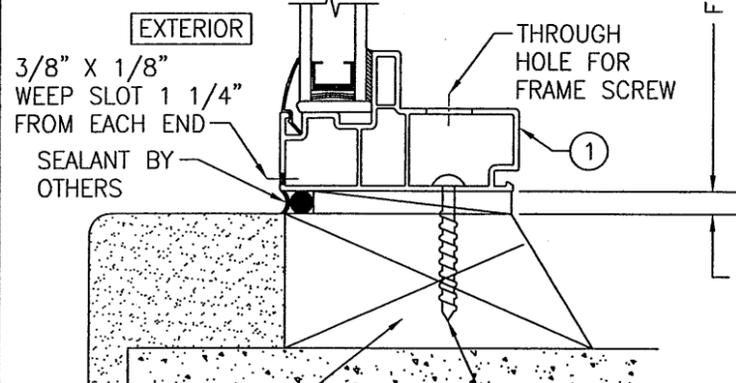
(\*) WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS AND DOORS BY MIKRON INDUSTRIES, INC. PER AAMA CERTIFIED PVC EXTRUSION LISTING, MIAMI-DADE COUNTY PRODUCT CONTROL APPROVAL AND FBC 2010



① FRAME



② GLAZING BEAD



1/4" MAX. SHIM AT EACH ANCHOR

3/8" X 1/8" WEEP SLOT 1 1/4" FROM EACH END

SEALANT BY OTHERS

THROUGH HOLE FOR FRAME SCREW

SECTION B  
SCALE: 1/2 FULL

SUBSTRATE BY OTHERS PER "FRAME ANCHOR REQUIREMENTS TABLE"

FRAME ANCHOR PER ELEVATION

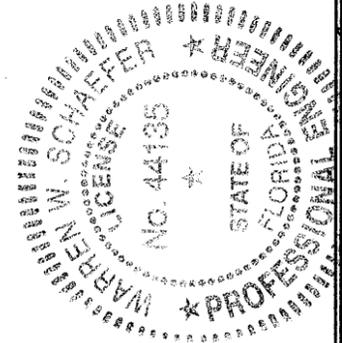
DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1-2	DATE: 10/10/12
DATE	
BY	
REVISION DESCRIPTION	
NO.	

DRAWING TITLE  
**10 SERIES VINYL NON-IMPACT FIXED WINDOW**

CONSULTANTS  
**W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)**  
7480 150TH COURT NORTH  
PALM BEACH GARDENS, FL 33418  
PHONE: 561-744-3424

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

Approved as complying with the Florida Building Code  
Date: 12/13/2013  
NOA#: 12-1108.04  
Miami-Dade Product Control  
By: [Signature]



JAN 16 2013  
WARREN W. SCHAEFER, P.E.  
P.E. NO. 44135

DRAWING NO. 1838  
SHEET NO. 2 OF 2