



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

**U. S. Fence, Inc.**  
**7830 Freeway Circle**  
**Middleburg Heights, OH 44130**

**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: Extruded PVC Vinyl Fencing**

**APPROVAL DOCUMENT:** Drawing No. 300-143, titled "PVC Fence", sheets 1 through 5 of 5, prepared by Fred S. Cardwell, P.E., P.L.S., dated May 30, 2008, signed and sealed by Fred S. Cardwell, P.E., P.L.S., 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: None**

**LABELING:** Each fence section shall bear a permanent label with the manufacturer's name or logo, city, state and the 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 #06-0602.02** and consists of this page 1, evidence submitted pages E-1 & E-2 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



*Helmy A. Makar*  
08/07/2008

**NOA No. 08-0617.02**  
**Expiration Date: 03/29/2012**  
**Approval Date: 08/07/2008**

**U. S. Fence, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #06-0602.02**

**A. DRAWINGS**

1. *Drawing No. USF 10, titled " PVC Fence ", sheets 1 through 3 of 3, prepared by Fred S. Cardwell, P.E., P.L.S., dated February 09, 2007, signed and sealed by Fred S. Cardwell, P.E., P.L.S.*

**B. TESTS**

1. *Test report on Uniform Static Air Pressure Test, prepared by Robins Boldso, Inc., Report # 73002103, dated January 2006, signed and sealed by Robert F. Robins, P.E.*
2. *Test report on Uniform Static Air Pressure Test, prepared by Robins Boldso, Inc., Report # 73002294, dated January 2006, signed and sealed by Robert F. Robins, P.E.*
3. *Test report on Uniform Static Air Pressure Test, prepared by Robins Boldso, Inc., Report # 73002274, dated January 2006, signed and sealed by Robert F. Robins, P.E.*
4. *Test report on Uniform Static Air Pressure Test, prepared by Robins Boldso, Inc., Report # 73002147, dated January 2006, signed and sealed by Robert F. Robins, P.E.*

**C. CALCULATIONS**

1. *None.*

**D. QUALITY ASSURANCE**

1. *By Miami-Dade County Building Code Compliance Office.*

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**2. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

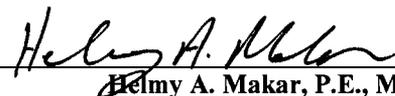
1. *Drawing No. 300-143, titled " PVC Fence ", sheets 1 through 5 of 5, prepared by Fred S. Cardwell, P.E., P.L.S., dated May 30, 2008, signed and sealed by Fred S. Cardwell, P.E., P.L.S.*

**B. TESTS**

1. *Test report on Uniform Static Air Pressure Test, prepared by Architectural Testing, Report # 76850.01-119-18, dated 12/14/2007, signed and sealed by Joseph Reed, P.E.*
2. *Test report on Uniform Static Air Pressure Test, prepared by Architectural Testing, Report # 76850.02-119-18, dated 10/01/2007, signed and sealed by Joseph Reed, P.E.*

**C. CALCULATIONS**

1. *None.*



**Helmy A. Makar, P.E., M.S.**  
**Product Control Examiner**  
**NOA No. 08-0617.02**  
**Expiration Date: 03/29/2012**  
**Approval Date: 08/07/2008**

**U. S. Fence, Inc.**

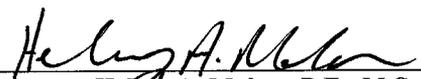
**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**D. QUALITY ASSURANCE**

1. *By Miami-Dade County Building Code Compliance Office.*

**E. MATERIAL CERTIFICATIONS**

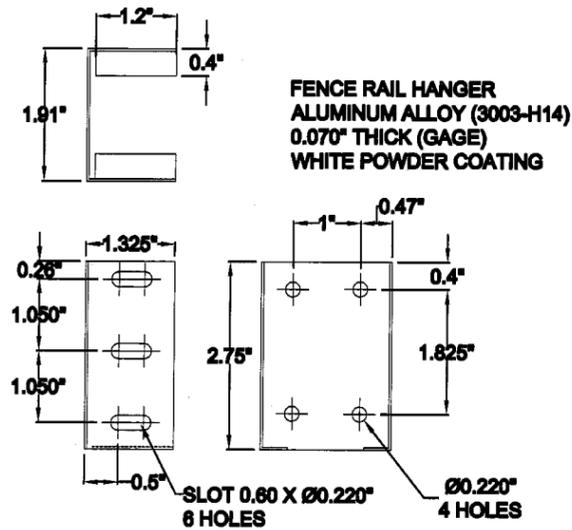
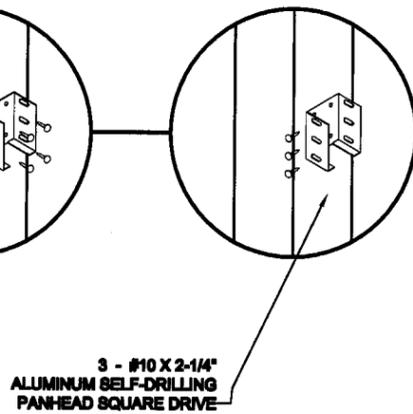
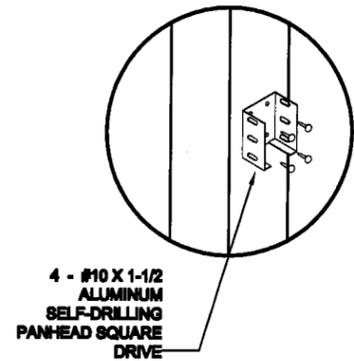
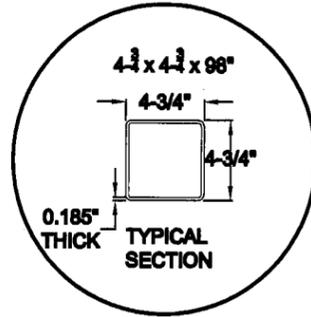
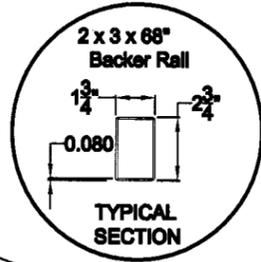
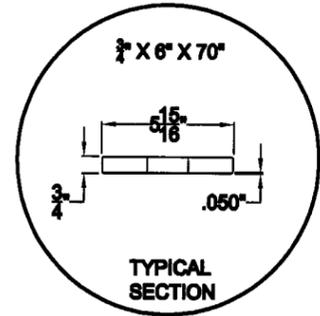
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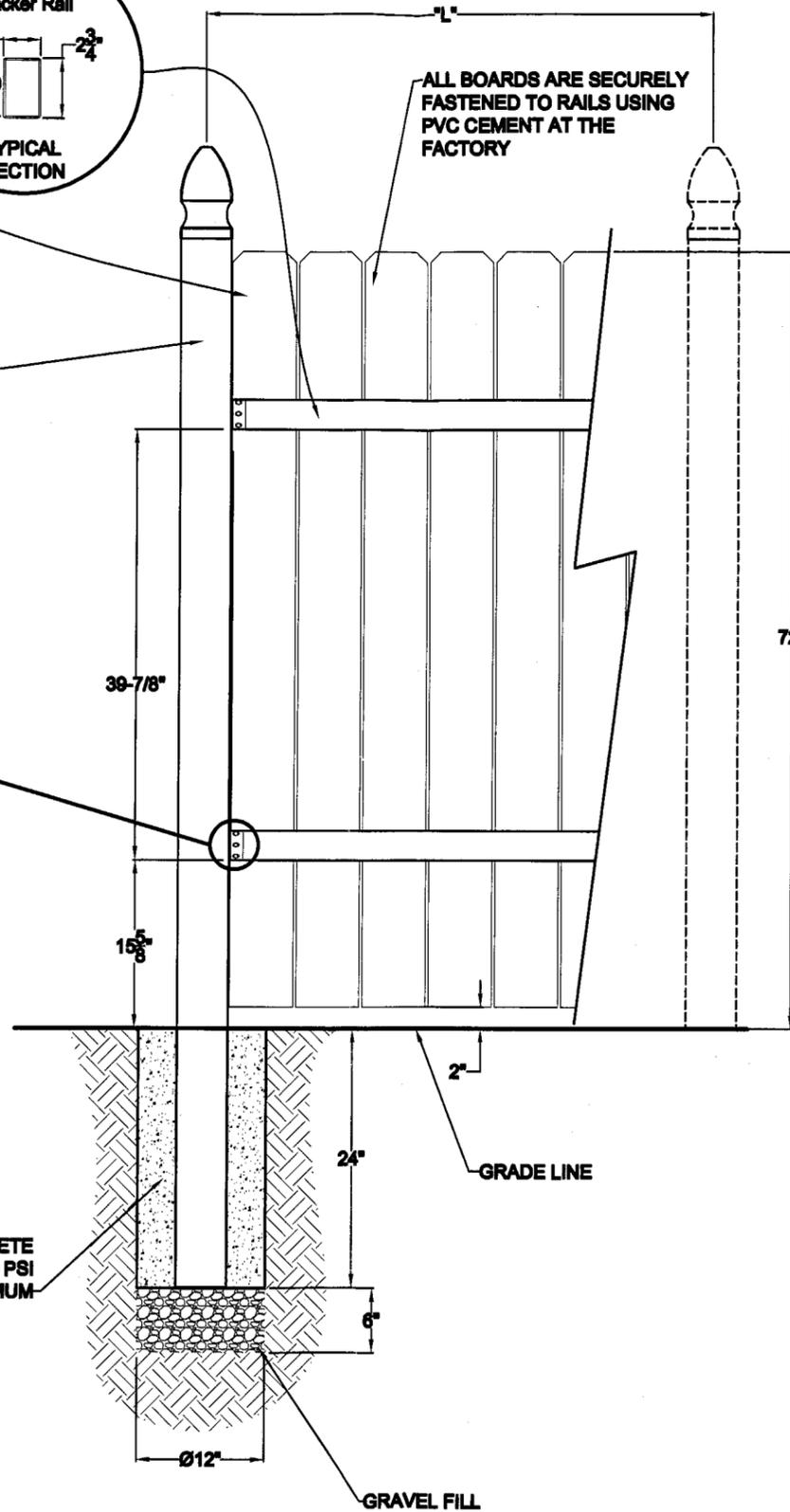
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**Henry A. Makar, P.E., M.S.**  
**Product Control Examiner**  
**NOA No. 08-0617.02**  
**Expiration Date: 03/29/2012**  
**Approval Date: 08/07/2008**

6/5/2008 10:53:16 AM



CONCRETE  
3000 PSI  
MINIMUM



**WIND LOAD RATING**

THIS FENCE, ITS VERTICALS SUPPORTS, AND FOUNDATIONS ARE IN COMPLIANCE WITH FLORIDA BUILDING CODE R44003.2.1 THIS FENCE IS APPROVED FOR MAXIMUM SUSTAINED WIND VELOCITY OF 75 MPH (90 MPH 3-SECOND GUST) WHEN THE MAXIMUM POST CENTERS (L) ARE 73.50' ON CENTER

**PVC MATERIAL SPECIFICATIONS**

ASTM Cell Classification	1-40323-13-0101 (D4216)	
Specifications	Value	ASTM
Specific Gravity (±0.02) 0.125" Specimen	1.45	D-792
Izod Impact FT <sup>3</sup> /in notch	17.0	D-256
Tensile Yield Strength, PSI	6,200	D-638
Tensile Modulus, PSI	365,000	D-638
Flexural Yield Strength, PSI	12,000	D-790
Flexural Modulus, PSI	410,000	D-790
DTUL@264 PSI, Degrees Celsius	72	D-648
TiO <sub>2</sub> - Titanium Dioxide UV Inhibitor	10/100	-

**PVC FENCE**  
**ALL AMERICAN DOGEAR PANEL**  
**PANEL STYLE**

DRAWING NO: USF73002114

10-09-07

U. S. FENCE  
MIDDLEBURG HEIGHTS, OH

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No 08-0617.02  
Expiration Date 03/29/2012  
By *Helmut A. Weber*  
Miami Dade Product Control  
Division

**FRED S. CARDWELL, P.E., P.L.S.**

ALABAMA 14464 FLORIDA 15601  
GEORGIA 14241 INDIANA 20388  
LOUISIANA 20546 MISSISSIPPI 8425  
N. CAROLINA 11008 TEXAS 54100

1000 SOUTH BELCHER ROAD  
BLDG-A / UNIT #11  
LARGO, FLORIDA 33771  
VOICE: 727-524-1905  
FAX: 727-524-1299

THIS DRAWING IS NOT VALID  
UNLESS SIGNED IN PURPLE INK.

*Fred S. Cardwell*  
6-5-08

**PVC FENCE**  
U.S. FENCE, INC.  
MIDDLEBURG, OHIO  
SKU : USF73002114

**ALL AMERICAN DOGEAR PANEL**

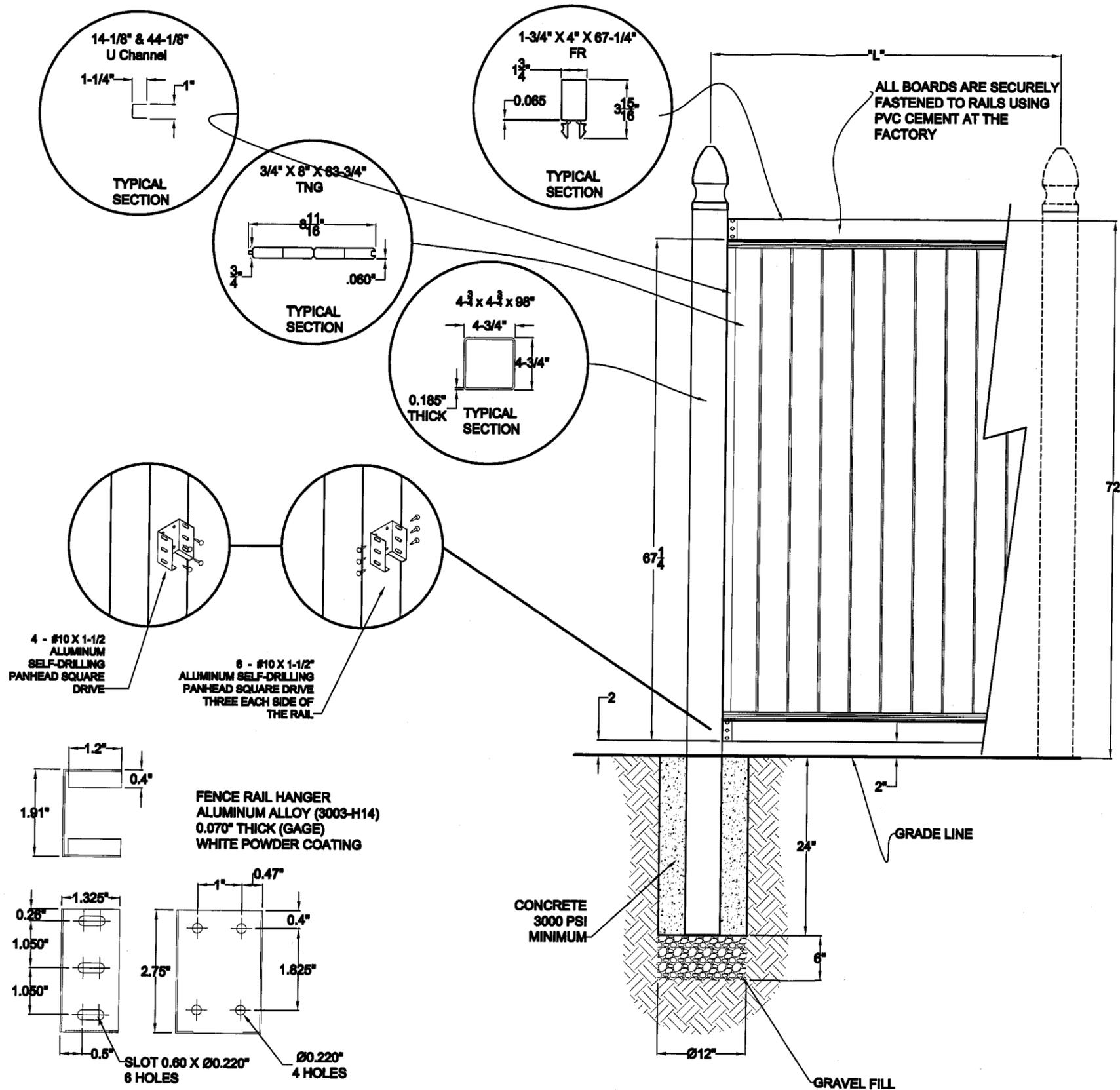
REV	BY	DATE

DATE:	5/30/08
DRN BY:	JDA
CHK BY:	FSC
SCALE:	AS NOTED
W.O. NO:	300-143

SHEET  
**A-1**  
1 OF 5

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2004 FLORIDA BUILDING CODE WITH THE 2005/2006/2007 SUPPLEMENTS FOR A THREE SECOND GUST OF 90 MPH.

6/5/2008 10:53:18 AM



**WIND LOAD RATING**

THIS FENCE, ITS VERTICAL SUPPORTS AND FOUNDATIONS ARE IN COMPLIANCE WITH FLORIDA BUILDING CODE R44003.2.1 THIS FENCE IS APPROVED FOR MAXIMUM SUSTAINED WIND VELOCITY OF 75 MPH (90 MPH 3-SECOND GUST) WHEN THE MAXIMUM POST CENTERS (L) ARE 72-3/4" ON CENTER

**PVC MATERIAL SPECIFICATIONS**

ASTM Cell Classification	1-40323-13-0101 (D4216)
Specifications	Value
Specific Gravity (±0.02) 0.125" Specimen	1.45
Izod Impact FT <sup>3</sup> /lb/in notch	17.0
Tensile Yield Strength, PSI	6,200
Tensile Modulus, PSI	365,000
Flexural Yield Strength, PSI	12,000
Flexural Modulus, PSI	410,000
DTUL@264 PSI, Degrees Celsius	72
TiO <sub>2</sub> - Titanium Dioxide UV Inhibitor	10/100

**PVC FENCE  
PRINCETON PRIVACY PANEL  
PANEL STYLE**

DRAWING NO: USF73002113

12-16-05

U. S. FENCE  
MIDDLEBURG HEIGHTS, OH

**PRODUCT REVISED**  
as complying with the Florida Building Code  
Acceptance No 08-0617.02  
Expiration Date 03/29/2012  
By *Heather A. Nelson*  
Miami Dade Product Control Division

**FRED S. CARDWELL, P.E., P.L.S.**

1000 SOUTH BELCHER ROAD  
BLDG-A / UNIT #11  
LARGO, FLORIDA 33771  
VOICE: 727-524-1905  
FAX: 727-524-1299

ALABAMA 14464 FLORIDA 15601  
GEORGIA 14241 INDIANA 20330  
LOUISIANA 20546 MISSISSIPPI 04125  
N. CAROLINA 11028 TEXAS 54100

THIS DRAWING IS NOT VALID UNLESS SIGNED IN PURPLE INK.

*Fred S. Cardwell*  
6-5-08

**PVC FENCE**  
U.S. FENCE, INC.  
MIDDLEBURG, OHIO  
SKU : USF73002113

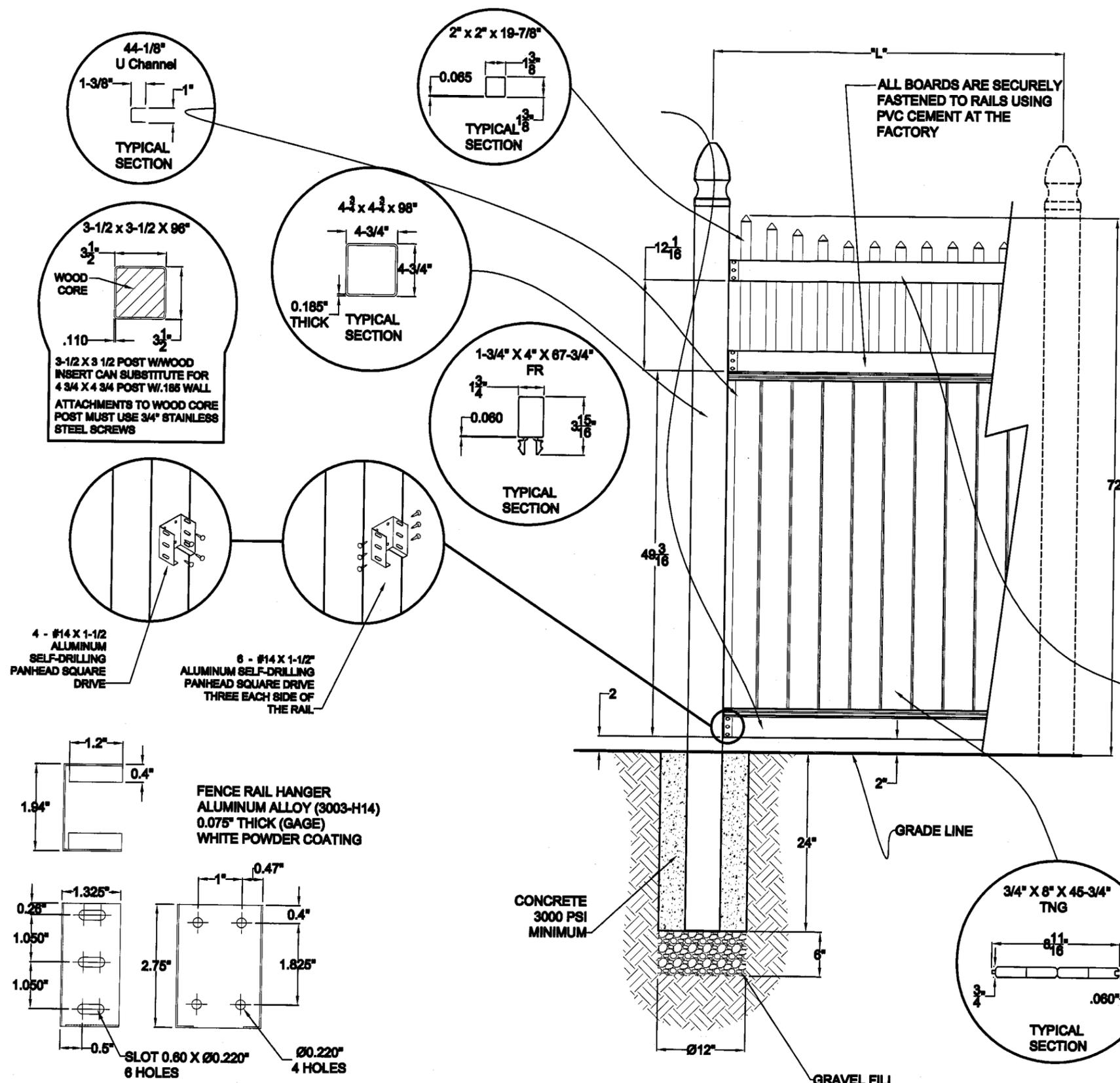
**PRINCETON PRIVACY PANEL**

REV	BY	DATE

DATE: 5/30/08  
DRN BY: JDA  
CHK BY: FSC  
SCALE: AS NOTED  
W.O. NO: 300-143

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2004 FLORIDA BUILDING CODE WITH THE 2005/2006/2007 SUPPLEMENTS FOR A THREE SECOND GUST OF 90 MPH.

6/5/2008 10:53:24 AM



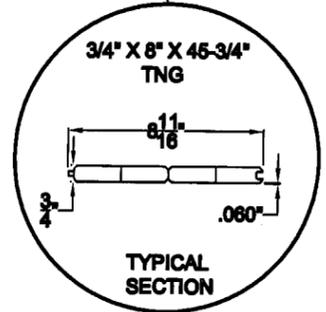
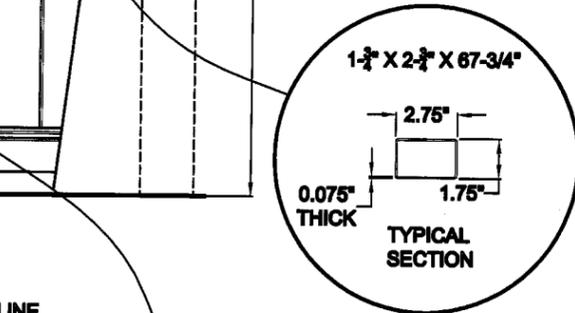
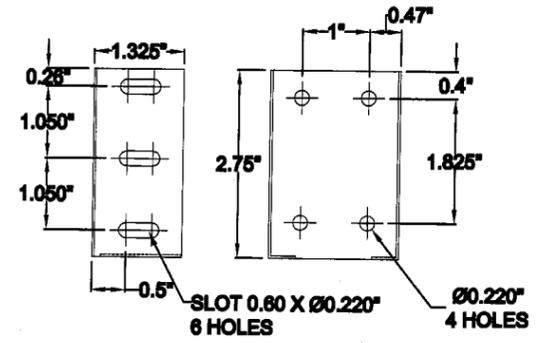
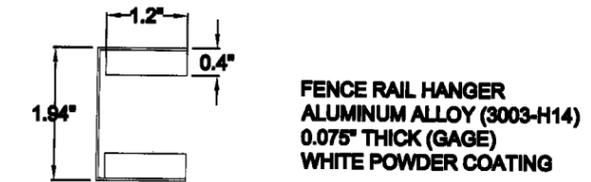
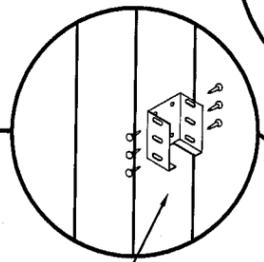
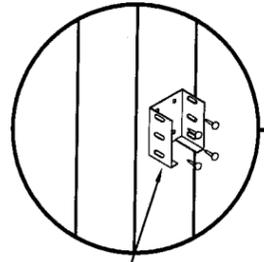
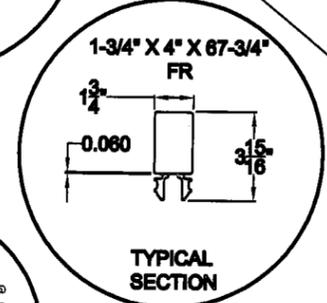
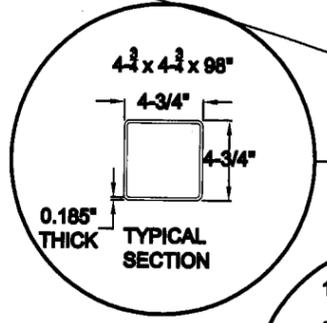
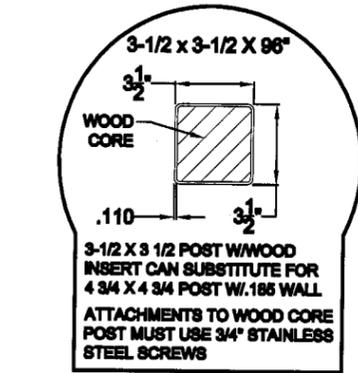
**WIND LOAD RATING**  
 THIS FENCE, ITS VERTICAL SUPPORTS AND FOUNDATIONS ARE IN COMPLIANCE WITH FLORIDA BUILDING CODE R44003.2.1  
 THIS FENCE IS APPROVED FOR MAXIMUM SUSTAINED WIND VELOCITY OF 110 MPH (130 MPH 3-SECOND GUST)  
 WHEN THE MAXIMUM POST CENTERS (L) ARE 72.75" ON CENTER

**PVC MATERIAL SPECIFICATIONS**

ASTM Cell Classification	1-40323-13-0101 (D4216)	
Specifications	Value	ASTM
Specific Gravity (±0.02) 0.125" Specimen	1.45	D-792
Izod Impact FT <sup>3</sup> /in notch	17.0	D-256
Tensile Yield Strength, PSI	6,200	D-638
Tensile Modulus, PSI	365,000	D-638
Flexural Yield Strength, PSI	12,000	D-790
Flexural Modulus, PSI	410,000	D-790
DTUL@284 PSI, Degrees Celsius	72	D-648
TiO <sub>2</sub> - Titanium Dioxide UV Inhibitor	10/100	-

**PVC FENCE  
 PRINCETON w/PICKET TOPPER  
 PANEL STYLE**

SKU:USF73002274  
 3-7-2008  
 U. S. FENCE  
 MIDDLEBURG HEIGHTS, OH



**FRED S. CARDWELL, P.E., P.L.S.**  
 ALABAMA 1464 FLORIDA 1567  
 GEORGIA 1424 INDIANA 2039  
 LOUISIANA 2048 MISSISSIPPI 8425  
 N. CAROLINA 1108 TEXAS 5400  
 1000 SOUTH BELCHER ROAD  
 BLDG-A / UNIT #11  
 LARGO, FLORIDA 33771  
 VOICE: 727-524-1905  
 FAX: 727-524-1299

THIS DRAWING IS NOT VALID  
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 6-5-08

**PVC FENCE**  
 U.S. FENCE, INC.  
 MIDDLEBURG, OHIO  
 SKU : USF73002274  
**PRINCETON w/PICKET TOPPER**

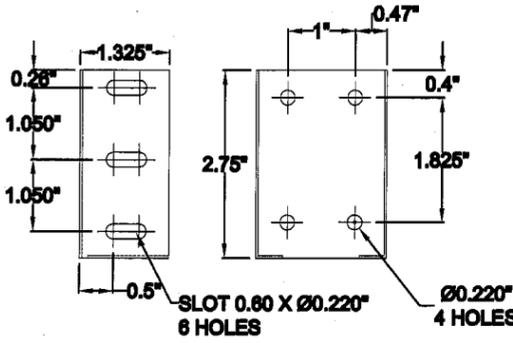
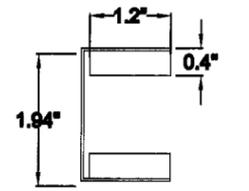
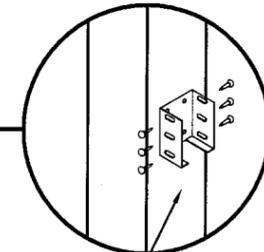
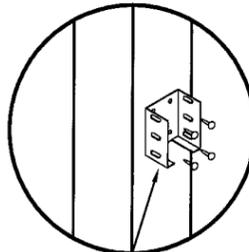
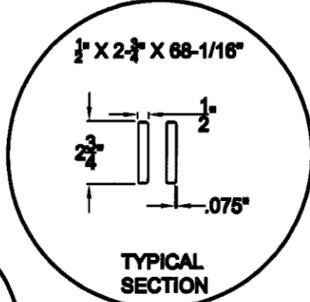
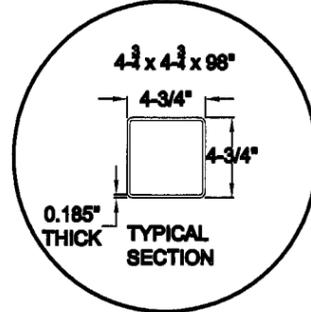
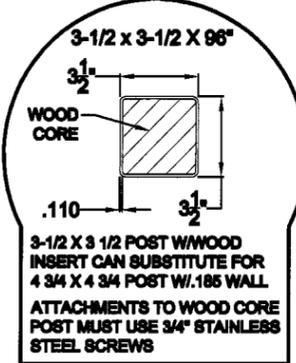
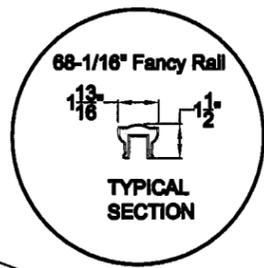
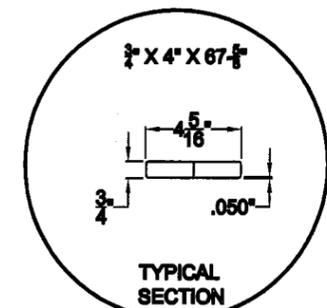
REV	BY	DATE

DATE: 5/30/08  
 DRN BY: JDA  
 CHK BY: FSC  
 SCALE: AS NOTED  
 W.O. NO: 300-143

PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No 08-0617.02  
 Expiration Date 03/29/2012  
 By   
 Miami Dade Product Control  
 Division

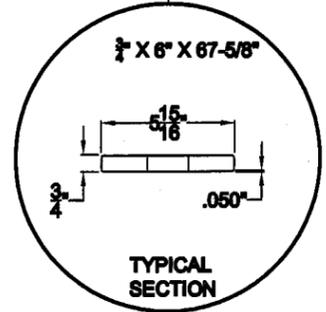
THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2004 FLORIDA BUILDING CODE WITH THE 2005/2006/2007 SUPPLEMENTS FOR A THREE SECOND GUST OF 90 MPH.

6/5/2008 10:53:29 AM



**CONCRETE 3000 PSI MINIMUM**

**GRAVEL FILL**



**WIND LOAD RATING**  
THIS FENCE, ITS VERTICAL SUPPORTS AND FOUNDATIONS ARE IN COMPLIANCE WITH FLORIDA BUILDING CODE R44003.2.1 THIS FENCE IS APPROVED FOR MAXIMUM SUSTAINED WIND VELOCITY OF 110 MPH (130 MPH 3-SECOND GUST) WHEN THE MAXIMUM POST CENTERS (L) ARE 73.25" ON CENTER

**PVC MATERIAL SPECIFICATIONS**

ASTM Cell Classification	Value	ASTM
ASTM Cell Classification	1-40323-13-0101 (D4216)	
Specific Gravity (±0.02) 0.125" Specimen	1.45	D-792
Izod Impact FT <sup>3</sup> /lb/in notch	17.0	D-256
Tensile Yield Strength, PSI	6,200	D-638
Tensile Modulus, PSI	365,000	D-638
Flexural Yield Strength, PSI	12,000	D-790
Flexural Modulus, PSI	410,000	D-790
DTUL @ 264 PSI, Degrees Celsius	72	D-648
TiO <sub>2</sub> - Titanium Dioxide UV Inhibitor	10/100	-

**PVC FENCE WINDHAM TOTAL PRIVACY PANEL PANEL STYLE**

SKU: USF73002103  
3-7-2006  
U. S. FENCE  
MIDDLEBURG HEIGHTS, OH

**PRODUCT REVISED**  
as complying with the Florida Building Code  
Acceptance No. 08-0617.02  
Expiration Date 03/29/2012  
By: *Helmut A. Nelson*  
Miami Data Product Control Division

**FRED S. CARDWELL, P.E., P.L.S.**  
1000 SOUTH BELCHER ROAD  
BLDG-A / UNIT #11  
LARGO, FLORIDA 33771  
VOICE: 727-524-1905  
FAX: 727-524-1299

ALABAMA #1464 FLORIDA #5601  
GEORGIA #1421 INDIANA #2058  
LOUISIANA #20546 MISSISSIPPI #925  
N. CAROLINA #1108 TEXAS #5400

THIS DRAWING IS NOT VALID UNLESS SIGNED IN PURPLE INK.  
*Fred S. Cardwell*  
6-5-08

**PVC FENCE**  
U.S. FENCE, INC.  
MIDDLEBURG, OHIO  
SKU : USF73002103

**WINDHAM TOTAL PRIVACY PANEL**

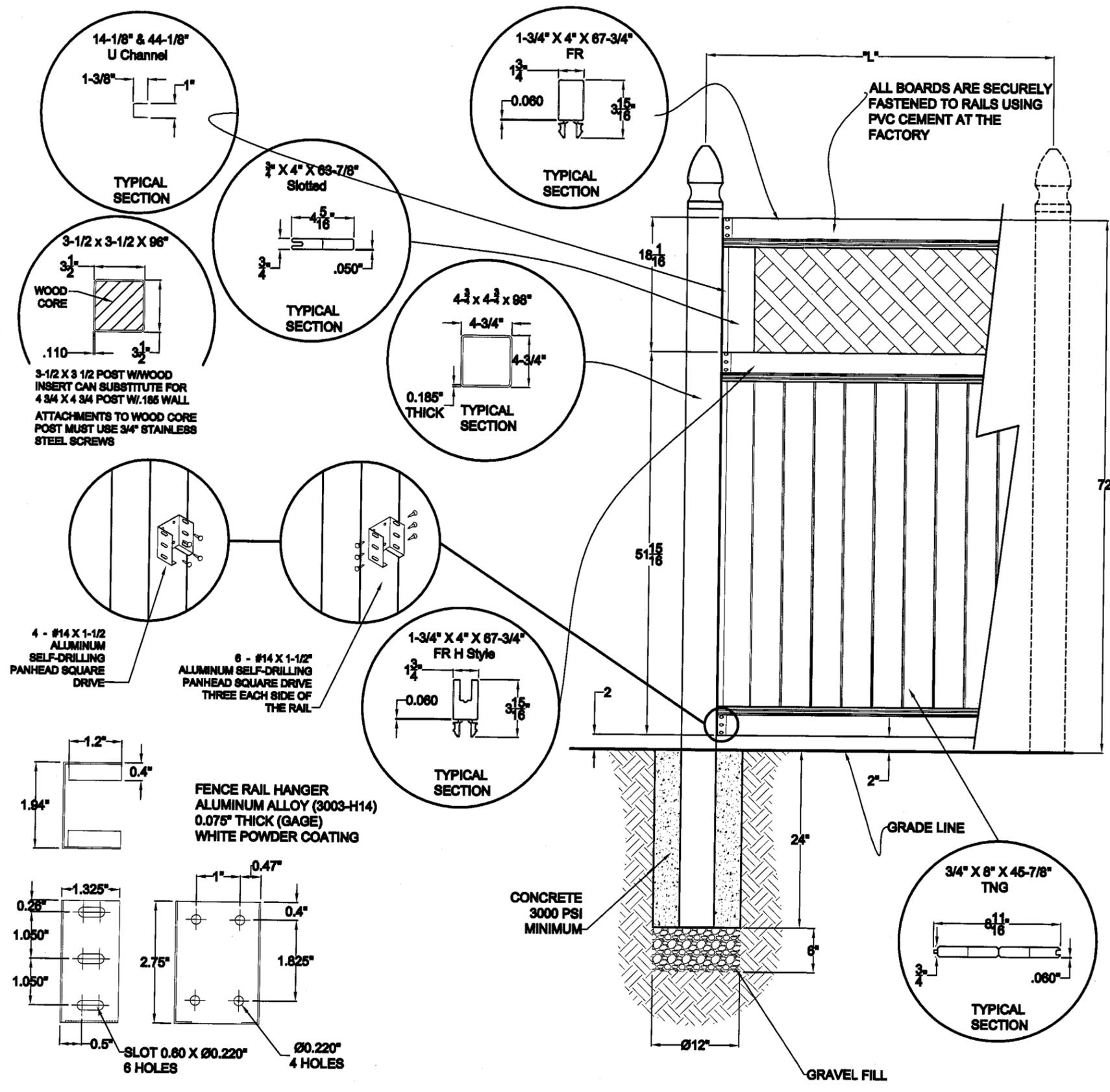
REV	BY	DATE

DATE:	5/30/08
DRN BY:	JDA
CHK BY:	FSC
SCALE:	AS NOTED
W.O. NO.:	300-143

SHEET  
**A-4**  
4 OF 5

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2004 FLORIDA BUILDING CODE WITH THE 2005/2006/2007 SUPPLEMENTS FOR A THREE SECOND GUST OF 90 MPH.

6/5/2008 10:53:34 AM



**WIND LOAD RATING**  
 THIS FENCE, ITS VERTICAL SUPPORTS AND FOUNDATIONS ARE IN COMPLIANCE WITH FLORIDA BUILDING CODE R44003.2.1 THIS FENCE IS APPROVED FOR MAXIMUM SUSTAINED WIND VELOCITY OF 110 MPH (130 MPH 3-SECOND GUST) WHEN THE MAXIMUM POST CENTERS (L) ARE 72.75' ON CENTER

**PVC MATERIAL SPECIFICATIONS**

ASTM Cell Classification	1-40323-13-0101 (D4216)	
Specifications	Value	ASTM
Specific Gravity ( $\pm 0.02$ ) 0.125" Specimen	1.45	D-792
Izod Impact FT <sup>3</sup> /lb/in notch	17.0	D-256
Tensile Yield Strength, PSI	6,200	D-638
Tensile Modulus, PSI	385,000	D-638
Flexural Yield Strength, PSI	12,000	D-790
Flexural Modulus, PSI	410,000	D-790
DTUL @ 264 PSI, Degrees Celsius	72	D-648
TiO <sub>2</sub> - Titanium Dioxide UV Inhibitor	10/100	-

**PVC FENCE  
 PRINCETON LATTICE TOP PANEL  
 PANEL STYLE**

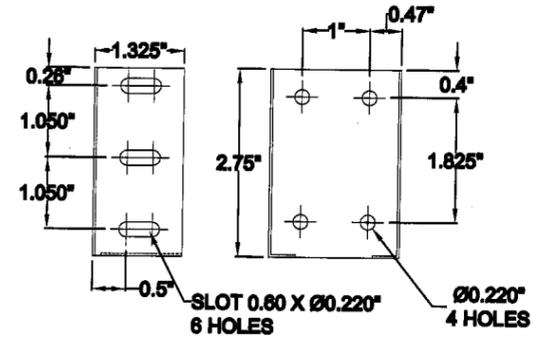
SKU: USF73002294  
 3-7-2008  
 U. S. FENCE  
 MIDDLEBURG HEIGHTS, OH

**3-1/2 x 3-1/2 x 96"**  
 WOOD CORE  
 3-1/2 x 3 1/2 POST W/WOOD INSERT CAN SUBSTITUTE FOR 4 3/4 x 4 3/4 POST W/.185 WALL ATTACHMENTS TO WOOD CORE POST MUST USE 3/4" STAINLESS STEEL SCREWS

4 - #14 X 1-1/2 ALUMINUM SELF-DRILLING PANHEAD SQUARE DRIVE

6 - #14 X 1-1/2 ALUMINUM SELF-DRILLING PANHEAD SQUARE DRIVE THREE EACH SIDE OF THE RAIL

**FENCE RAIL HANGER**  
 ALUMINUM ALLOY (3003-H14)  
 0.075" THICK (GAGE)  
 WHITE POWDER COATING



**1-3/4" X 4" X 67-3/4"**  
 FR H Style

**1-3/4" X 4" X 67-3/4"**  
 FR

**3/4" X 8" X 45-7/8"**  
 TNG

**FRED S. CARDWELL, P.E., P.L.S.**  
 ALABAMA 1444 FLORIDA 1567  
 GEORGIA 1424 INDIANA 2033  
 LOUISIANA 20548 MISSISSIPPI 8425  
 N. CAROLINA 1108 TEXAS 5400  
 1000 SOUTH BELCHER ROAD  
 BLDG-A / UNIT #11  
 LARGO, FLORIDA 33771  
 VOICE: 1271-524-1905  
 FAX: 1271-524-1244

THIS DRAWING IS NOT VALID UNLESS SIGNED IN PURPLE INK.  
*Fred S. Cardwell*  
 6-5-08

**PVC FENCE**  
 U.S. FENCE, INC.  
 MIDDLEBURG, OHIO  
 SKU : USF73002294  
**PRINCETON LATTICE TOP PANEL**

REV	BY	DATE

DATE: 5/30/08  
 DRN BY: JDA  
 CHK BY: FSC  
 SCALE: AS NOTED  
 W.O. NO.: 300-143

SHEET  
**A-5**  
 5 OF 5

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2004 FLORIDA BUILDING CODE WITH THE 2005/2006/2007 SUPPLEMENTS FOR A THREE SECOND GUST OF 90 MPH.

PRODUCT REVISED as complying with the Florida Building Code  
 Acceptance No 08-0617.02  
 Expiration Date 03/29/2012  
 By *Heather A. Miller*  
 Miami Dade Product Control Division