



MIAMI-DADE COUNTY
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.miamidade.gov

NOTICE OF ACCEPTANCE (NOA)

U. S. Fence
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. USF 1, titled "PVC Fence", sheets 1 through 5 of 5, prepared by Robert F. Robins, P.E., dated June 01, 2002, bearing the Miami-Dade County Product Control Renewal 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 **renews** NOA # **02-0726.05** and consists of this page 1, evidence submitted pages E-1, E-2, & E-3 as well as approval document mentioned above.

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



Helmy A. Makar
 03/01/2007

NOA No 06-1205.11
Expiration Date: 10/04/2011
Approval Date: 03/01/2007
Page 1

U. S. Fence

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #00-1030.01

A. DRAWINGS

1. Drawings No. USF 1 titled "PVC FENCE", prepared by Robert F. Robins, P.E., signed and sealed by Robert F. Robins, P.E., dated September 04, 2001, sheets 1 through 5 of 5.

B. TESTS

1. Test report on Uniform Static Air Pressure Test, prepared by Celotex, Report # 0520511-6, dated August 7, 2000, signed and sealed by R. G. Miller, P.E.
2. Test report on Uniform Static Air Pressure Test, prepared by Celotex, Report # 0520511-5, dated August 7, 2000, signed and sealed by R. G. Miller, P.E.
3. Test report on Uniform Static Air Pressure Test, prepared by Celotex, Report # 0520511-4, dated August 7, 2000, signed and sealed by R. G. Miller, P.E.
4. Test report on Uniform Static Air Pressure Test, prepared by Celotex, Report # 0520511-2, dated August 7, 2000, signed and sealed by R. G. Miller, P.E.
5. Test report on Uniform Static Air Pressure Test, prepared by Celotex, Report # 0520511-1, dated August 7, 2000, signed and sealed by R. G. Miller, P.E.

C. CALCULATIONS

1. None.

D. MATERIAL CERTIFICATIONS

1. Tensile Test Report No. 25-7579, prepared by Center For Applied Engineering, Inc., dated October 31, 1996, signed and sealed by John M. Bridenstine, P.E.

E. STATEMENTS

1. Letter stating that the product has not changed, prepared by Universal Forest products, Inc., dated March 18, 1998, and issued by John Harper.
2. Letter regarding the lack of financial interest, prepared by Universal Forest products, Inc., dated March 17, 1998, signed by Wayne M. Knoth, P.E.

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #02-0603.09

A. DRAWINGS

1. Drawing No. USF 1, titled "PVC Fence", sheets 1 through 5 of 5, prepared by Robert F. Robins, P.E., dated May 21, 2002, signed and sealed by Robert F. Robins, P.E.



Henry A. Makar, P. E., M.S.
Product Control Examiner
NOA No 06-1205.11
Expiration Date: 10/04/2011
Approval Date: 03/01/2007

U. S. Fence

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. MATERIAL CERTIFICATIONS

1. *None.*

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #02-0726.05

A. DRAWINGS

1. *Drawing No. USF 1, titled " PVC Fence ", sheets 1 through 5 of 5, prepared by Robert F. Robins, P.E., dated June 01, 2002, signed and sealed by Robert F. Robins, P.E.*

B. TESTS

1. *Test report on Uniform Static Air Pressure Test, prepared by Celotex, Report # 520511-11, dated October 1999, signed and sealed by R. G. Miller, P.E.*
2. *Test report on Uniform Static Air Pressure Test, prepared by Celotex, Report # 520511-10, dated October 1999, signed and sealed by R. G. Miller, P.E.*
3. *Test report on Uniform Static Air Pressure Test, prepared by Celotex, Report # 520511-9, dated November 1999, signed and sealed by R. G. Miller, P.E.*
4. *Test report on Uniform Static Air Pressure Test, prepared by Celotex, Report # 520511-8, dated December 1999, signed and sealed by R. G. Miller, P.E.*
5. *Test report on Uniform Static Air Pressure Test, prepared by Celotex, Report # 520511-7, dated December 1999, signed and sealed by R. G. Miller, P.E.*

C. CALCULATIONS

1. *None.*

D. MATERIAL CERTIFICATIONS

1. *None.*

4. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *None.*



Helmy A. Makar, P. E., M.S.

Product Control Examiner

NOA No 06-1205.11

Expiration Date: 10/04/2011

Approval Date: 03/01/2007

U. S. Fence

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS

1. *None.*

C. CALCULATIONS

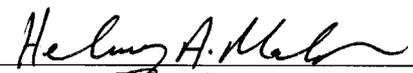
1. *None.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

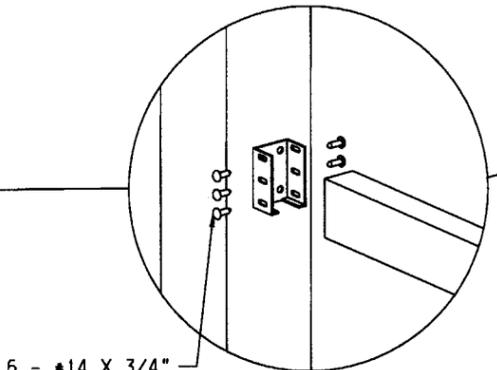
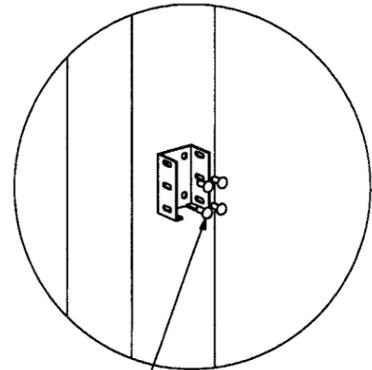
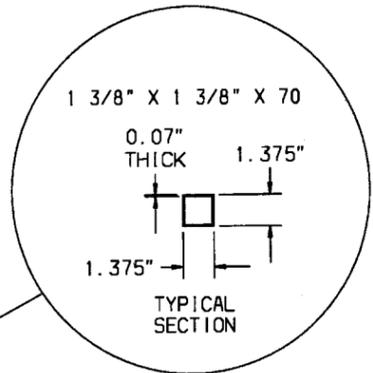
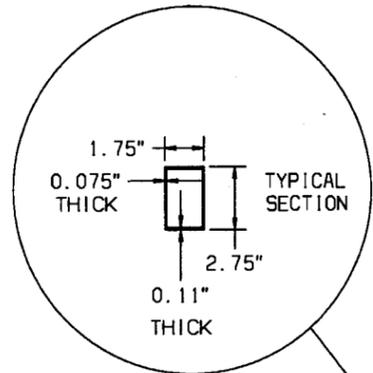
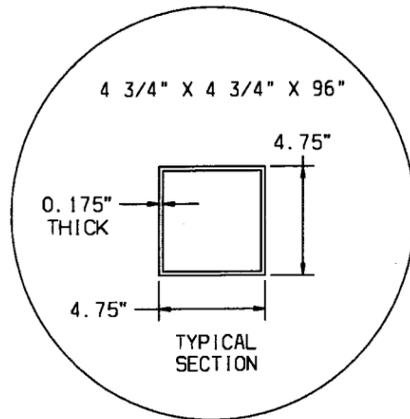
1. *None.*



Helmy A. Makar, P. E., M.S.
Product Control Examiner
NOA No 06-1205.11
Expiration Date: 10/04/2011
Approval Date: 03/01/2007

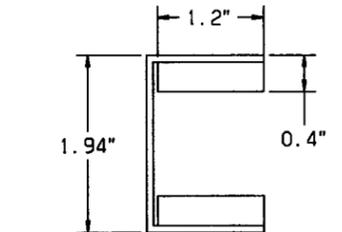
ROBERT F. ROBINS
FLORIDA P.E. #52401

Robert F. Robins
9/22/02

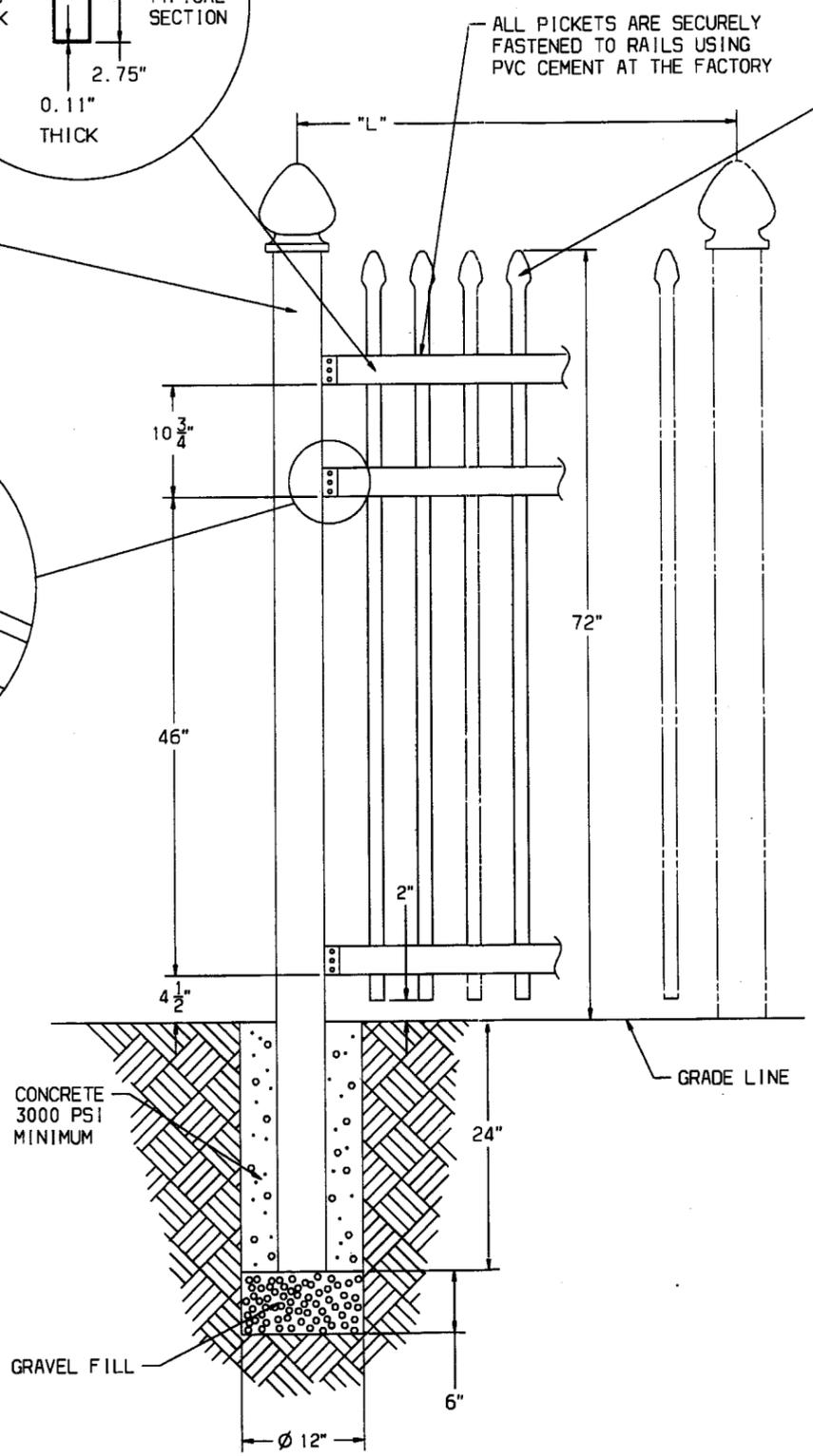
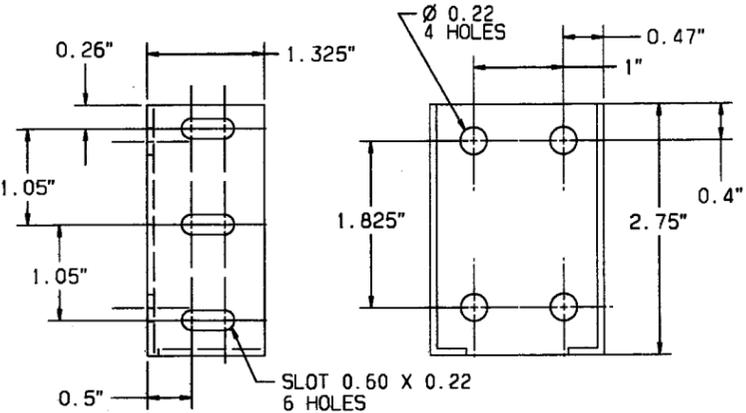


4 - #14 X 3/4"
ALUMINUM SELF-DRILLING
PANHEAD SQUARE DRIVE

6 - #14 X 3/4"
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



ALL PICKETS ARE SECURELY
FASTENED TO RAILS USING
PVC CEMENT AT THE FACTORY

THIS FENCE, IT'S VERTICAL SUPPORTS, AND
FOUNDATIONS ARE IN COMPLIANCE WITH THE
FLORIDA BUILDING CODE.

THIS FENCE IS APPROVED FOR MAXIMUM WIND VELOCITY
OF 146 MILES PER HOUR (3-SECOND GUST) WHEN THE
MAXIMUM SPACING BETWEEN POSTS (L) IS 47 INCHES O.C.

THIS FENCE IS APPROVED FOR MAXIMUM WIND VELOCITY
OF 130 MILES PER HOUR (3-SECOND GUST) WHEN THE
MAXIMUM SPACING BETWEEN POSTS (L) IS 73 1/4 INCHES O.C.

PVC MATERIAL SPECIFICATIONS

ASTM Cell Classification 1-40212-13-0101 (D4216)

Specifications	Value	ASTM
Specific Gravity (± 0.02) 0.125" Specimen	1.46	D-792
Izod impact FT*lbs/in notch	17.0	D-792
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 Celcius	72	D-648
Tio2 - Titanium Dioxide UV Inhibitor	10/100	-

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 06-1205.11
Expiration Date 10/04/2011
By *Helmut A. Maler*
Miami Dade Product Control
Division

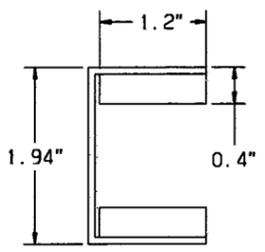
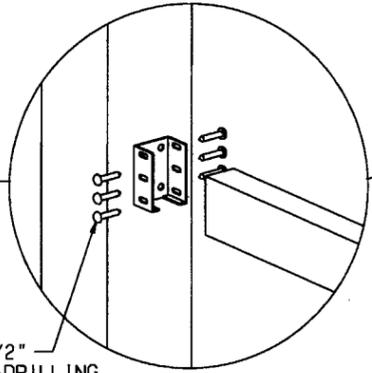
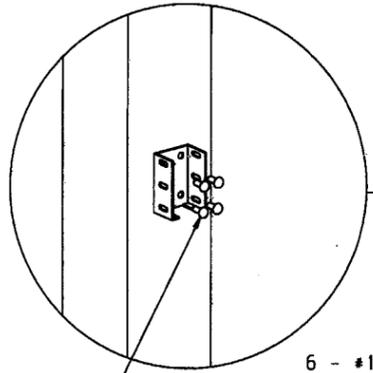
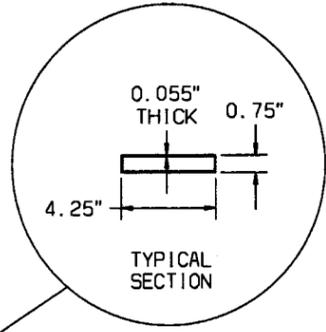
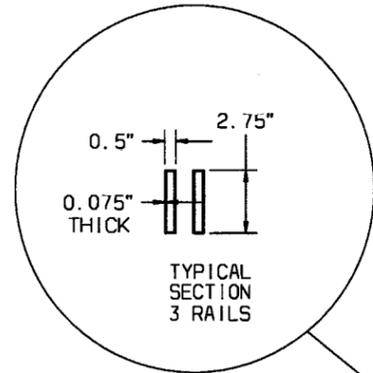
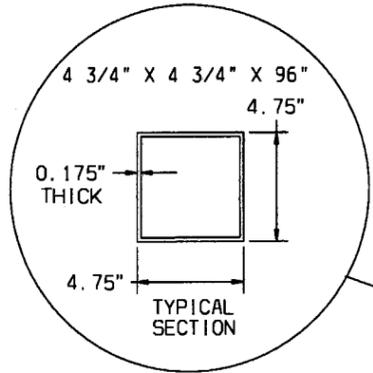
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 02-0726.05
Expiration Date 10/04/2006
By *Helmut A. Maler*
Miami Dade Product Control
Division

PVC FENCE
CLASSIC GOTHIC PICKET

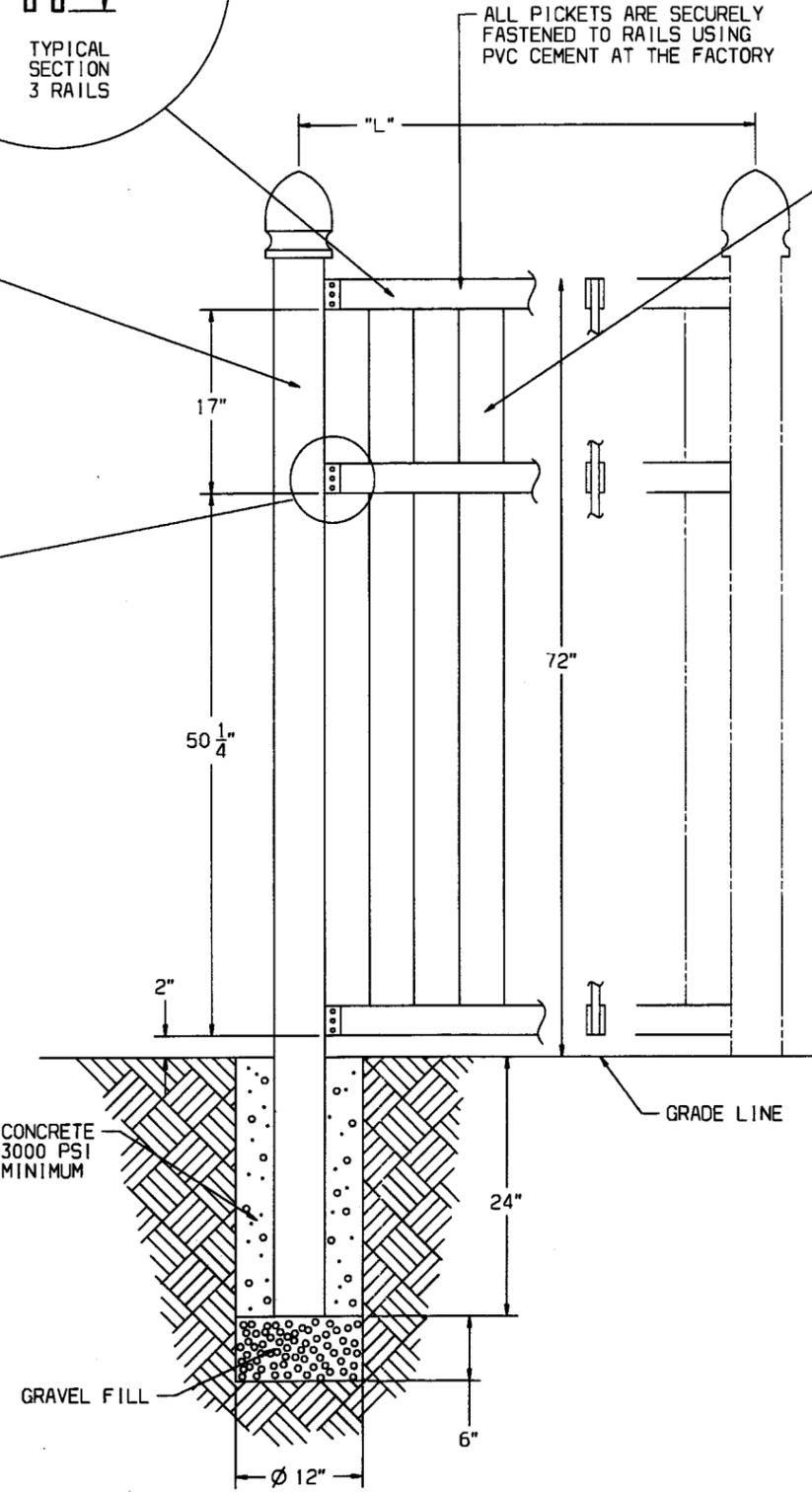
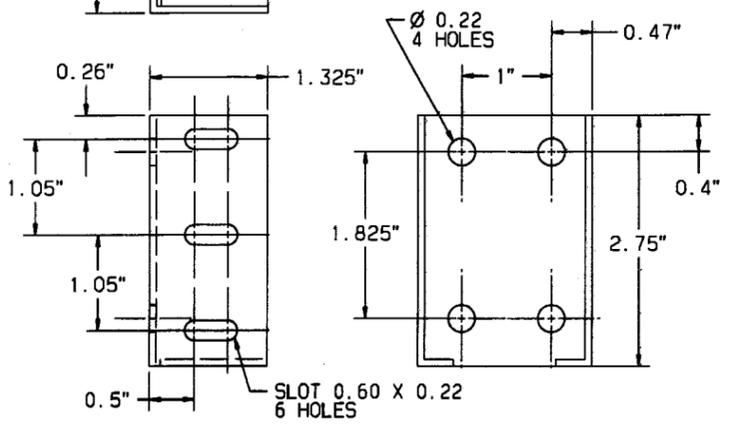
DRAWING NO: USF1
SHEET 1 OF 5
06-01-02
U. S. FENCE
MIDDLEBURG HEIGHTS, OH

ROBERT F. ROBINS
FLORIDA P.E. #52401

Robert F. Robins
9/26/02



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



THIS FENCE, ITS VERTICAL SUPPORTS, AND FOUNDATIONS ARE IN COMPLIANCE WITH THE FLORIDA BUILDING CODE.

THIS FENCE IS APPROVED FOR MAXIMUM WIND VELOCITY OF 146 MILES PER HOUR (3-SECOND GUST) WHEN THE MAXIMUM SPACING BETWEEN POSTS (L) IS 47 INCHES O.C.

THIS FENCE IS APPROVED FOR MAXIMUM WIND VELOCITY OF 130 MILES PER HOUR (3-SECOND GUST) WHEN THE MAXIMUM SPACING BETWEEN POSTS (L) IS 73 1/4 INCHES O.C.

PVC MATERIAL SPECIFICATIONS

ASTM Cell Classification	1-40212-13-0101	(D4216)	
Specifications		Value	ASTM
Specific Gravity (± 0.02) 0.125" Specimen		1.46	D-792
Izod impact FT*lbs/in notch		17.0	D-792
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 Celcius		72	D-648
TiO ₂ - Titanium Dioxide UV Inhibitor		10/100	-

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 06-1205.11
Expiration Date 10/04/2011
By *Helmut A. Mahr*
Miami Dade Product Control
Division

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 02-0726.05
Expiration Date 10/04/2006
By *Helmut A. Mahr*
Miami Dade Product Control
Division

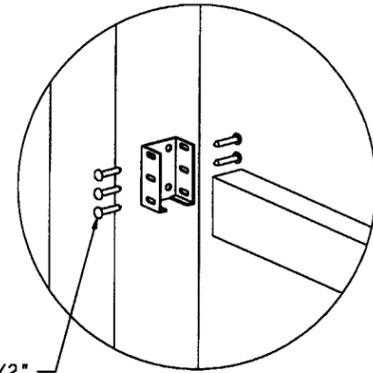
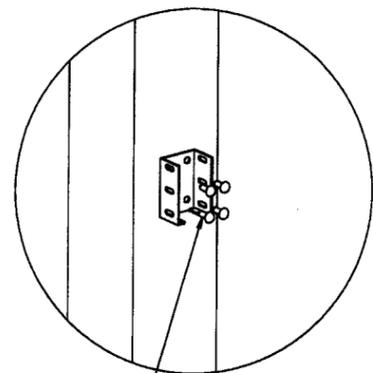
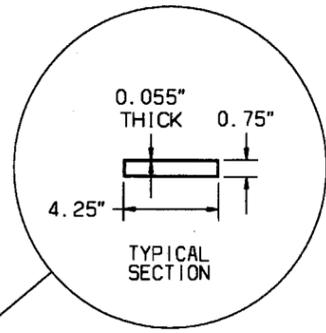
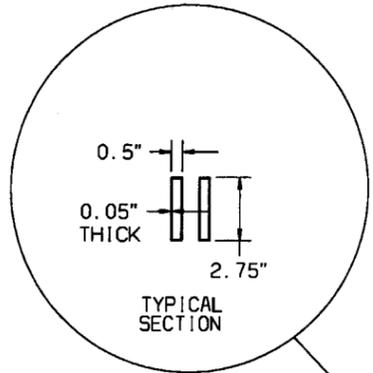
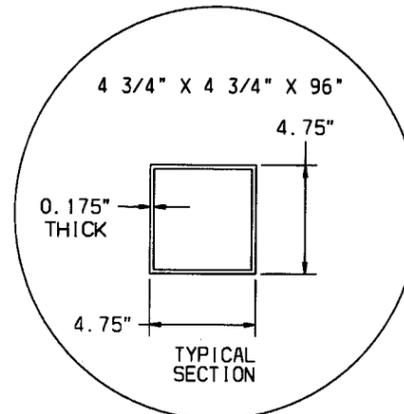
PVC FENCE
ESTATE BOARD

DRAWING NO: USF1
SHEET 3 OF 5
06-01-02

U.S. FENCE
MIDDLEBURG HEIGHTS, OH

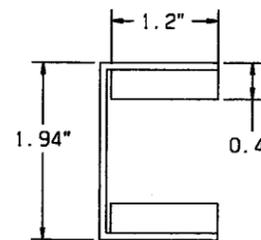
ROBERT F. ROBINS
FLORIDA P.E. #52401

Robert F. Robins
9/26/02

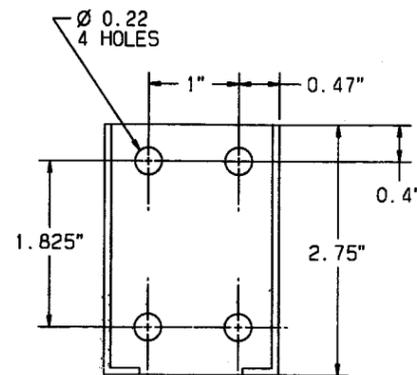
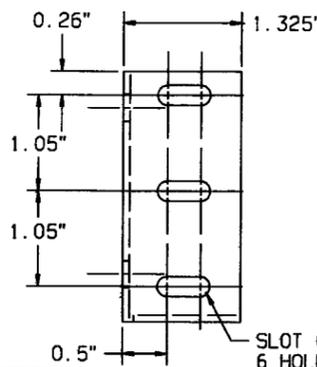


4 - #14 X 3/4"
ALUMINUM SELF-DRILLING
PANHEAD SQUARE DRIVE

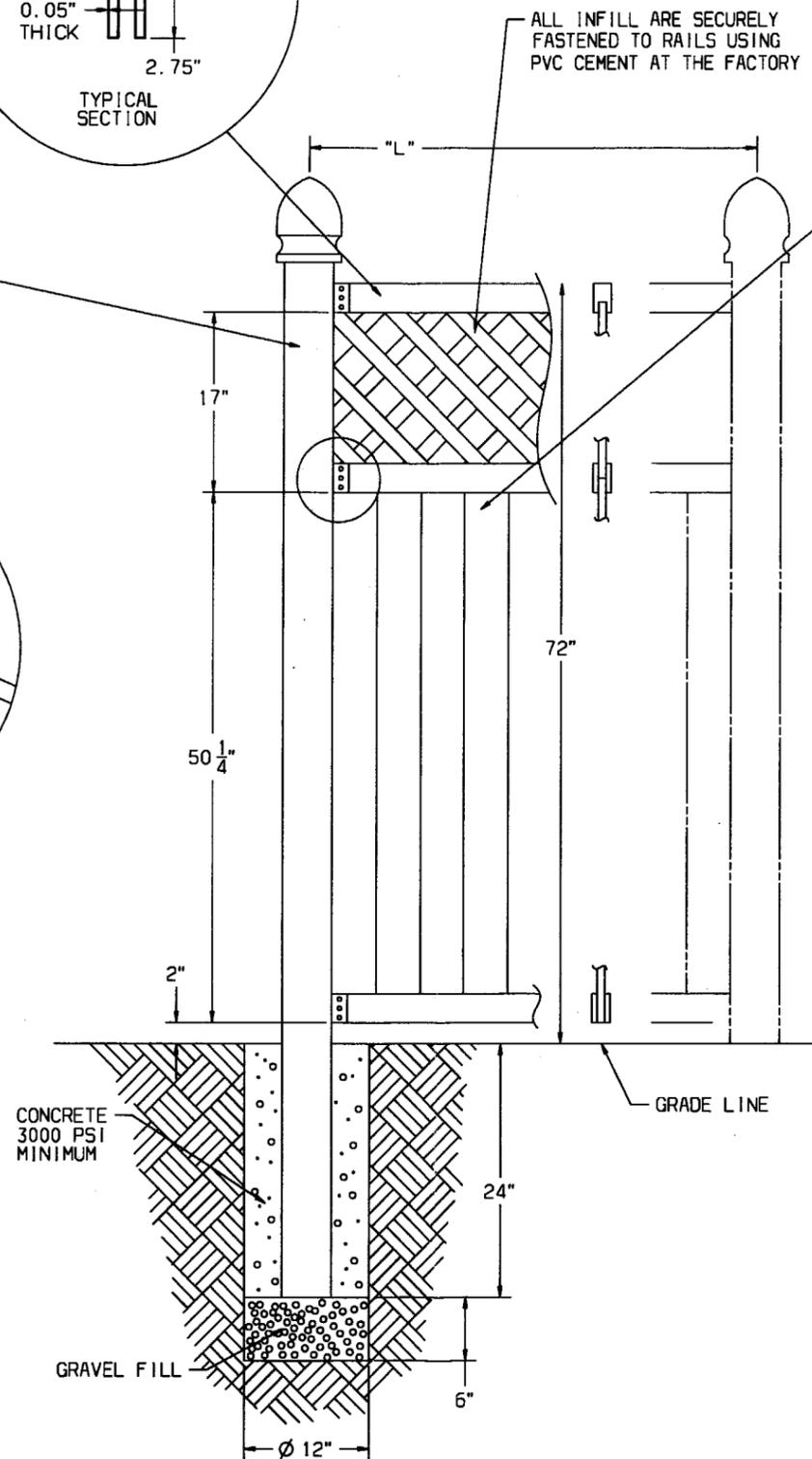
6 - #14 X 1 1/2"
ALUMINUM SELF-DRILLING
PANHEAD SQUARE DRIVE
THREE EACH SIDE OF
THE RAIL



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



SLOT 0.60 X 0.22
6 HOLES



ALL INFILL ARE SECURELY
FASTENED TO RAILS USING
PVC CEMENT AT THE FACTORY

THIS FENCE, IT'S VERTICAL SUPPORTS, AND
FOUNDATIONS ARE IN COMPLIANCE WITH THE
FLORIDA BUILDING CODE.

THIS FENCE IS APPROVED FOR MAXIMUM WIND VELOCITY
OF 146 MILES PER HOUR (3-SECOND GUST) WHEN THE
MAXIMUM SPACING BETWEEN POSTS (L) IS 47 INCHES O.C.

THIS FENCE IS APPROVED FOR MAXIMUM WIND VELOCITY
OF 130 MILES PER HOUR (3-SECOND GUST) WHEN THE
MAXIMUM SPACING BETWEEN POSTS (L) IS 73 1/4 INCHES O.C.

PVC MATERIAL SPECIFICATIONS

ASTM Cell Classification 1-40212-13-0101 (D4216)

Specifications	Value	ASTM
Specific Gravity (±0.02) 0.125" Specimen	1.46	D-792
Izod impact FT*lbs/in notch	17.0	D-792
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 Celcius	72	D-648
Tio2 - Titanium Dioxide UV Inhibitor	10/100	-

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 06-1205.11
Expiration Date 10/04/2011
By *Helmy A. Matar*
Miami Dade Product Control
Division

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 02-0726.05
Expiration Date 10/04/2006
By *Helmy A. Matar*
Miami Dade Product Control
Division

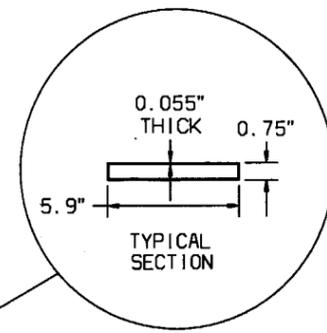
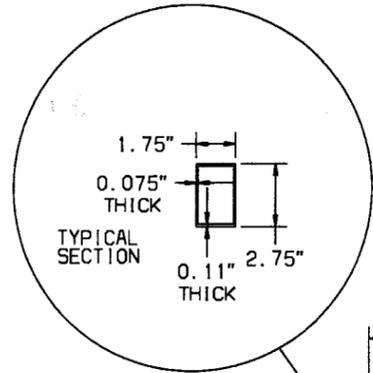
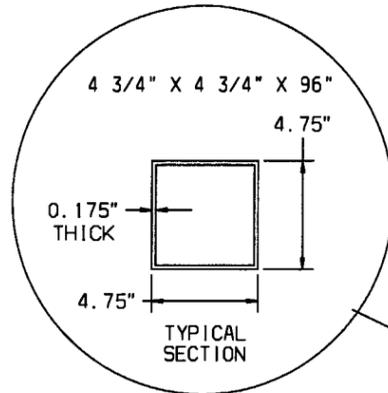
PVC FENCE
LATTICE TOP

DRAWING NO: USF1
SHEET 4 OF 5
06-01-02

U.S. FENCE
MIDDLEBURG HEIGHTS, OH

ROBERT F. ROBINS
FLORIDA P.E. #52401

Robert F. Robins
9/26/02



ALL PICKETS ARE SECURELY FASTENED TO RAILS USING PVC CEMENT IN THE FACTORY

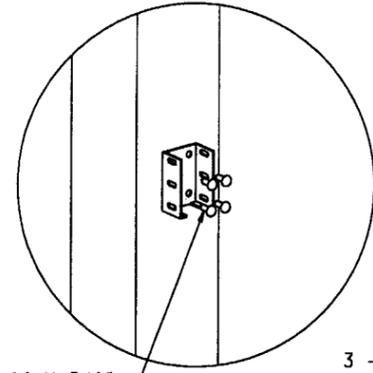
THIS FENCE, IT'S VERTICAL SUPPORTS, AND FOUNDATIONS ARE IN COMPLIANCE WITH THE FLORIDA BUILDING CODE.

THIS FENCE IS APPROVED FOR MAXIMUM WIND VELOCITY OF 146 MILES PER HOUR (3-SECOND GUST) WHEN THE MAXIMUM SPACING BETWEEN POSTS (L) IS 47 INCHES O.C.

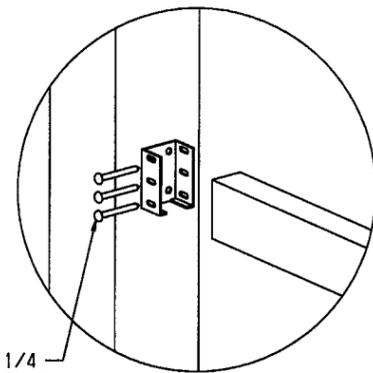
THIS FENCE IS APPROVED FOR MAXIMUM WIND VELOCITY OF 130 MILES PER HOUR (3-SECOND GUST) WHEN THE MAXIMUM SPACING BETWEEN POSTS (L) IS 73 1/4 INCHES O.C.

PVC MATERIAL SPECIFICATIONS

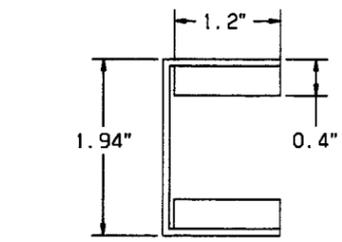
ASTM Cell Classification	1-40212-13-0101	(D4216)
Specifications	Value	ASTM
Specific Gravity (±0.02) 0.125" Specimen	1.46	D-792
Izod impact FT*lbs/in notch	17.0	D-792
Tensile Yield Strength, PSI	6,200	D-638
Tensile Modulus, PSI	365,000	D-638
Flexural Yield Strength, PSI	12,000	D-790
Flexural Modulus, PSI	410,000	D-790
DTUL@264 PSI, Degrees Celcius	72	D-648
Tio2 - Titanium Dioxide UV Inhibitor	10/100	-



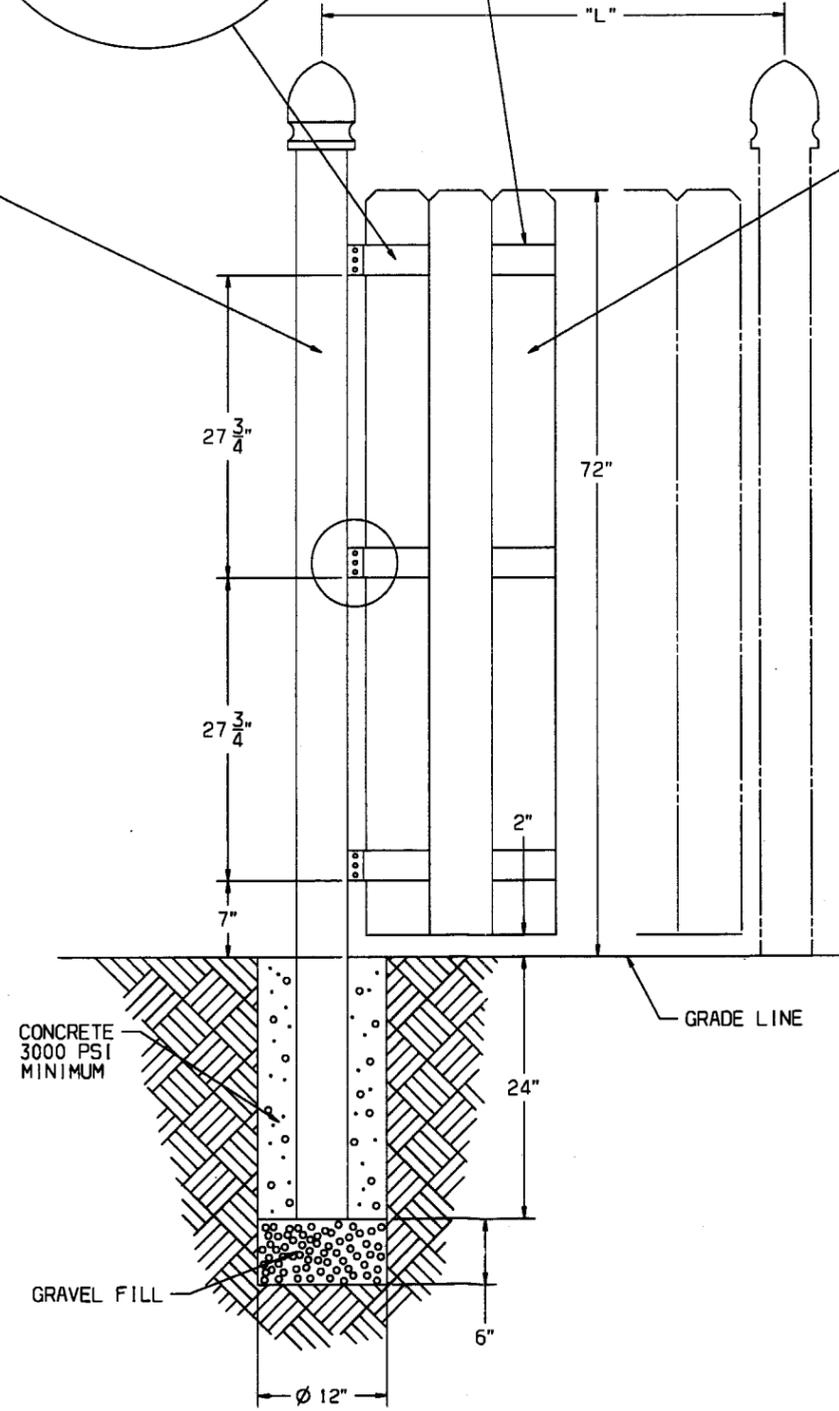
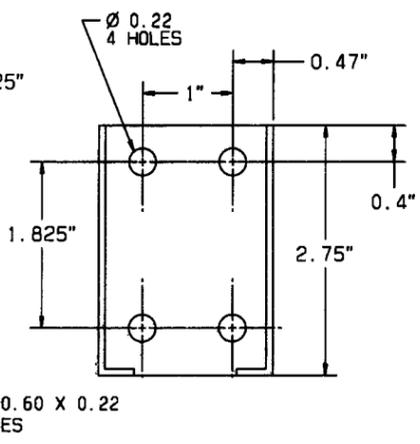
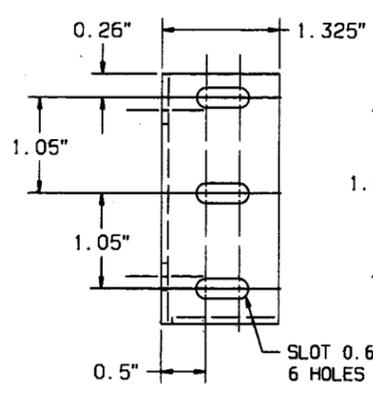
4 - #14 X 3/4" ALUMINUM SELF-DRILLING PANHEAD SQUARE DRIVE



3 - #14 X 2 1/4" ALUMINUM SELF-DRILLING PANHEAD SQUARE DRIVE FROM BACKSIDE ONLY



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



PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 06-1205.11 Expiration Date 10/04/2011
By *Helmut A. Nelson*
Miami Dade Product Control Division

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 02-0726-05 Expiration Date 10/04/2006
By *Helmut A. Nelson*
Miami Dade Product Control Division

PVC FENCE DOGEARED SHADOWBOX
DRAWING NO: USF1
SHEET 5 OF 5
06-01-02
U. S. FENCE
MIDDLEBURG HEIGHTS, OH