



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

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Mid Atlantic Vinyl Products, Inc.
5109 Commonwealth Drive
Fredericksburg, VA 22407

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Extruded PVC Vinyl Fencing

APPROVAL DOCUMENT: Drawing No. S-4108, titled "PVC Privacy Fence", sheets 1 through 7 of 7, prepared by R W Building Consultants, Inc., dated March 13, 2012, revision #1 dated Feb. 23, 2016, signed and sealed by Lyndon F. Schmidt, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

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 # 12-0416.13 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
08/04/2016

NOA No. 16-0229.01
Expiration Date: 09/13/2017
Approval Date: 08/04/2016
Page 1

Mid Atlantic Vinyl Products, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 12-0416.13

A. DRAWINGS

1. *Drawing No. S-4108, titled " PVC Privacy Fence ", sheets 1 through 7 of 7, prepared by R W Building Consultants, Inc., dated March 13, 2012, signed and sealed by Lyndon F. Schmidt, P.E., on April 10, 2012.*

B. TESTS

1. *Gravity Load Test report, prepared by Testing Evaluation Laboratories, Inc., Report # TEL 02760460, dated February 07, 2012, signed and sealed by William Brian Shelton, P.E.*

C. CALCULATIONS

1. *Calculation prepared by R W Building Consultants, Inc., two pages, dated April 10, 2012, signed and sealed by Lyndon F. Schmidt, P.E.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *Test report on Accelerated Weathering (ASTM G 155) and Tensile Testing (ASTM D 638); Self Ignition (ASTM D 1929); Smoke Density (ASTM D 2843); Rate of Burn (ASTM D 635), prepared by Architectural Testing, Report # B1090.01-119-18, dated 01/18/2012, signed and sealed by Joseph Reed, P.E.*

F. OTHERS

1. *Florida Building Code, 2010 edition, compliance letter prepared by R W Building Consultants, Inc., dated 04/10/2012, signed and sealed by Lyndon F. Schmidt, P.E.*

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. S-4108, titled " PVC Privacy Fence ", sheets 1 through 7 of 7, prepared by R W Building Consultants, Inc., dated March 13, 2012, revision #1 dated Feb. 23, 2016, signed and sealed by Lyndon F. Schmidt, P.E.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 16-0229.01
Expiration Date: 09/13/2017
Approval Date: 08/04/2016

Mid Atlantic Vinyl Products, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

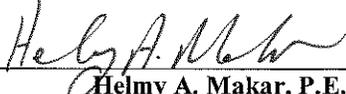
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *None.*

F. OTHERS

1. *Florida Building Code, 2014 edition, compliance letter prepared by R W Building Consultants, Inc., dated July 25, 2016, signed and sealed by Lyndon F. Schmidt, P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 16-0229.01
Expiration Date: 09/13/2017
Approval Date: 08/04/2016



MID ATLANTIC VINYL PRODUCTS
5019 Commonwealth Drive
Fredericksburg, Virginia 22407

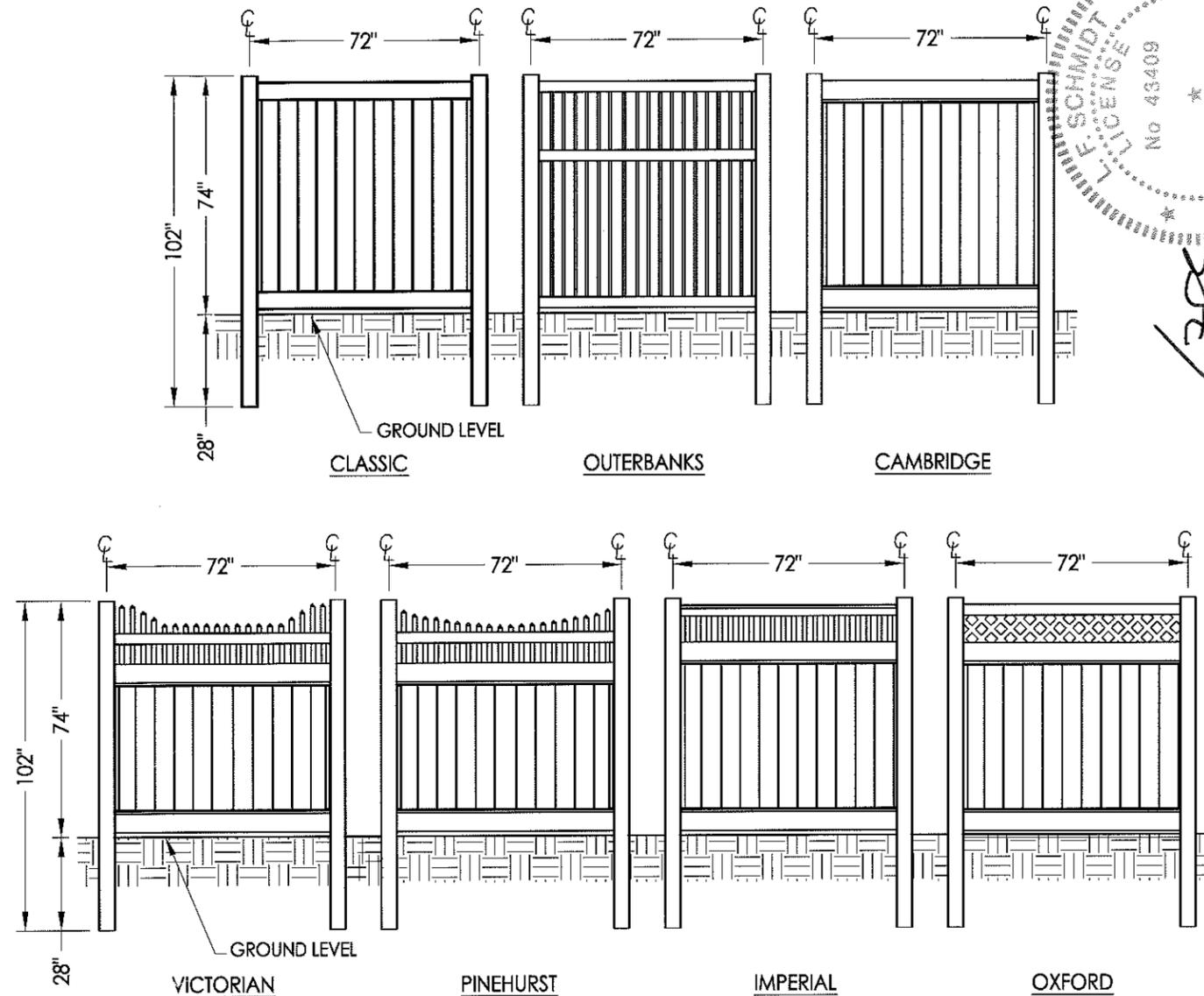
PVC PRIVACY FENCE

GENERAL NOTES

- This product is designed to comply with the 5th Edition 2014 Florida Building Code "High Velocity Hurricane Zone".
For wind load rating see chart this sheet.
- Installation of this fence shall be based on this product approval documents with no deviation from the conditions detailed on this document.
- This Product Approval Document (P.A.D.) will be considered invalid if modified.
- Site specific projects shall be prepared by a Florida Licensed Engineer or Architect which will become the Professional Of Record (P.O.R.) for the project and who will be responsible for the proper use of this P.A.D.
- This fence manufacturer's permanent label shall be placed at each fence assembly. The permanent label shall read as follows:
Mid Atlantic Vinyl Products, Inc.
Fredericksburg, VA
Miami - Dade County
Product Control Approved
- Tested in accordance with Metro-Dade County performance test requirements as reported in test report # TEL 02760460 issued by Testing Evaluation Laboratory.
- The fence post, rails and pickets are a coextruded part with a min. 0.020" (+/-0.005") cap stock which contains "UV" inhibitors. All parts shall be made of PVC that is manufactured by Mid Atlantic Vinyl Products, Inc. Refer to PVC material specifications for tested properties.

PVC Material Specifications	Test	PVC Properties
		White
Rate of Burning	ASTM D635	Class CC1
Self-Iginition Temperature (Spontaneous)	ASTM D1929	860°F > 650°F
Average Smoke Density Rating	ASTM D2843	64.4 < 75
Tensile Strength (Difference Exposed & Unexposed)	ASTM 638	9.9% < 10%

TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevation & general notes
2	Classic fence details
3	Cambridge fence details
4	Outerbanks fence details
5	Pinehurst and Victorian fence details
6	Oxford fence details
7	Imperial fence details

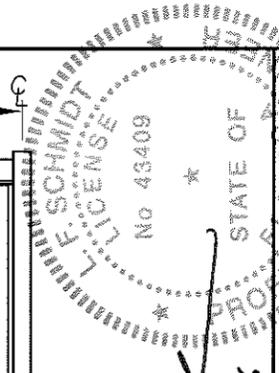


WIND LOAD RATING

This fence and its vertical supports are designed/tested for 75 mph fastest mile wind speed or 115 mph 3-second gust in compliance with Section 1616.2.1 of the Florida Building Code (Design Pressure = 16.5 psf).

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 16-0229.01
Expiration Date 09/13/2017
By: *Heidi A. Nelson*
Miami Dade Product Control

DATE: 3/13/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: S-4108
SHEET 1 OF 7



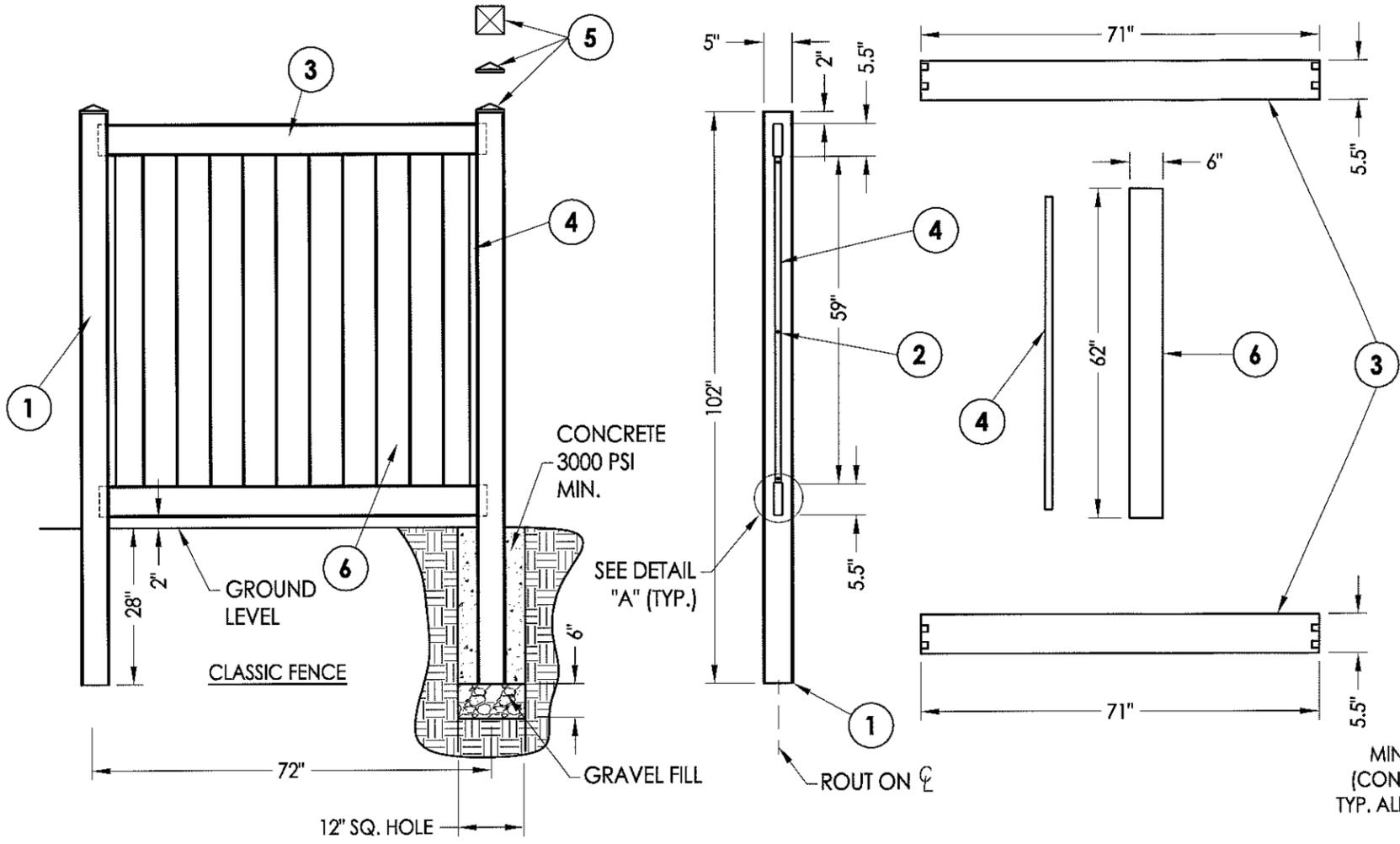
LFS
2.23.16

Documents Prepared By:

RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Vairico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate of Authorization No. 9813

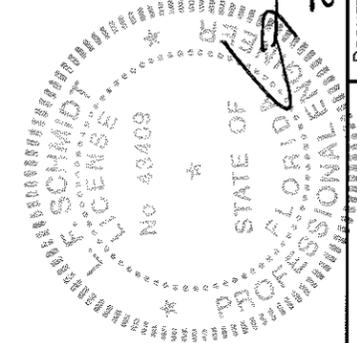
Lyndon F. Schmidt P.E. No. 43409

PRODUCT:	PVC PRIVACY FENCE	
PART OR ASSEMBLY:	TYPICAL ELEVATIONS & GENERAL NOTES	
NO.	DATE	BY
1	2/23/16	LFS
UPDATE TO 5TH ED. 2014_FBC		

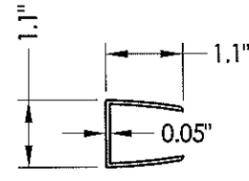


BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
1	5" X 5" POST	PVC
2	#10 X 0.75" PH SELF-DRILLING TEK SCREW	STEEL
3	TOP AND BOTTOM RAIL	PVC
4	U CHANNEL	PVC
5	POST CAP	PVC
6	TONGUE AND GROOVE PICKET (7/8" X 6")	PVC

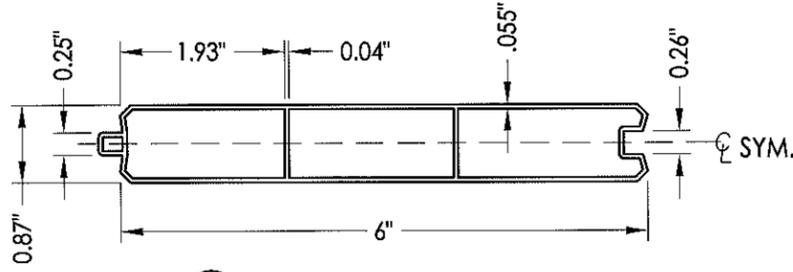
NOTE:
 1. "U" channel is attached to the fence post with #10 x .75" self-drilling TEK screws located @ 2.5" from the top and bottom with one at the centerline.



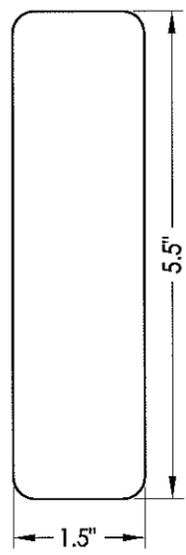
MIN. .015" CAP STOCK
 (CONTAINS UV INHIBITORS)
 TYP. ALL POST, RAILS & PICKETS



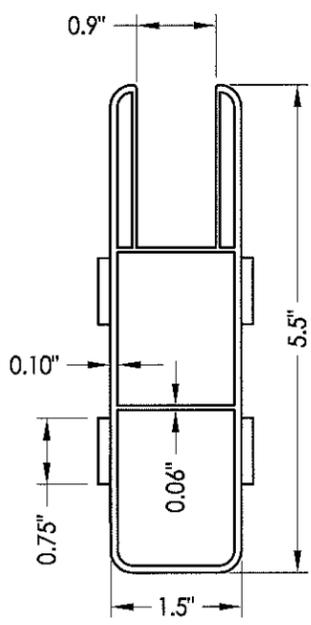
4 U CHANNEL
 See note 1



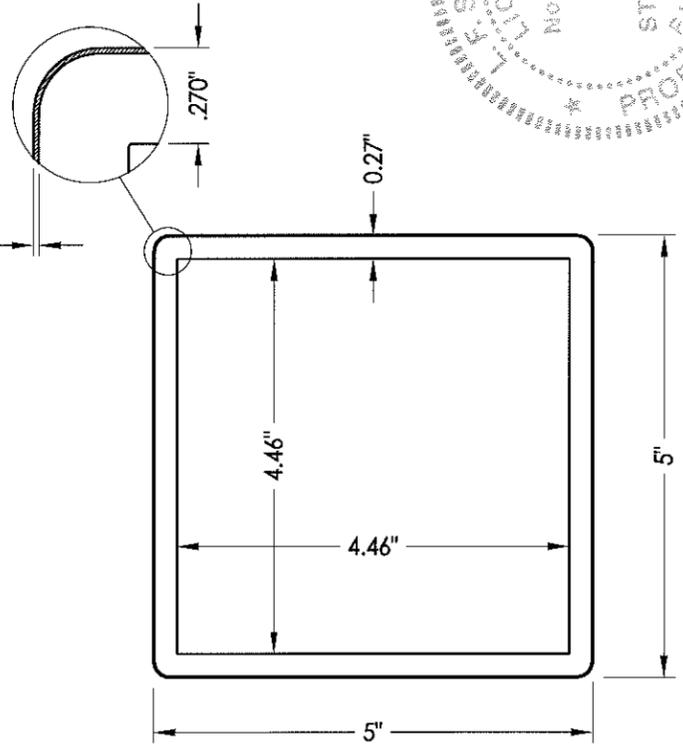
6 TONGUE AND GROOVE PICKET
 7/8" X 6"



ROUTER DETAIL "A"



3 TOP AND BOTTOM RAIL



1 5" X 5" POST

PRODUCT:

PVC PRIVACY FENCE

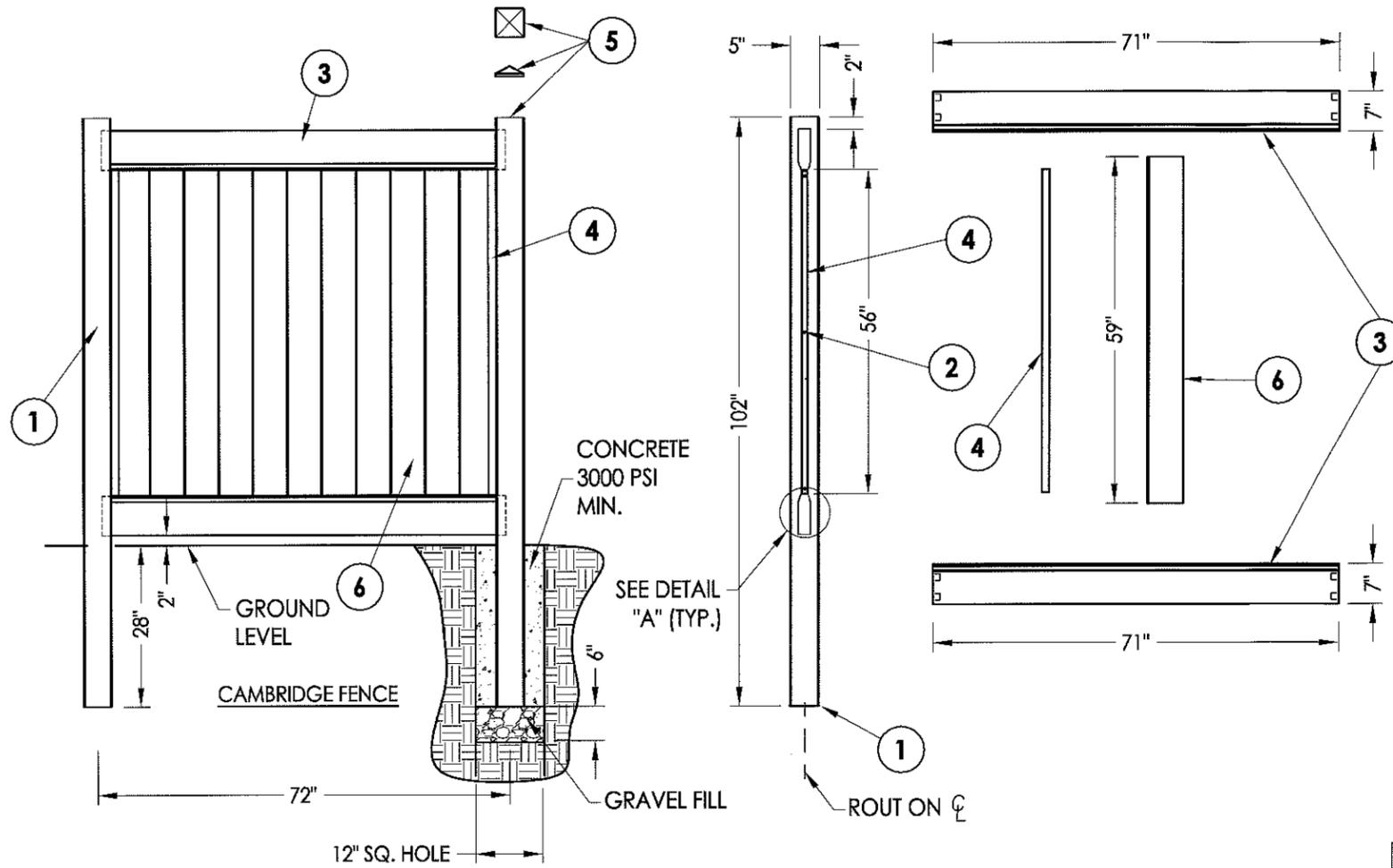
PART OR ASSEMBLY:

CLASSIC FENCE DETAILS

DATE:	3/13/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	S-4108
SHEET	2 OF 7

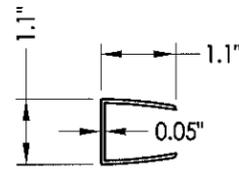
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 16-0229.01
 Expiration Date 09/13/2017
 By *Heidi A. Miller*
 Miami Dade Product Control

Documents Prepared By:
 R.W. BUILDING CONSULTANTS, INC.
 P.O. Box 230 Valrico FL 33595
 Phone No.: 813.659.9197
 Florida Board of Professional Engineers
 Certificate Of Authorization No. 9813
 Lyndon F. Schmidt P.E. No. 43409

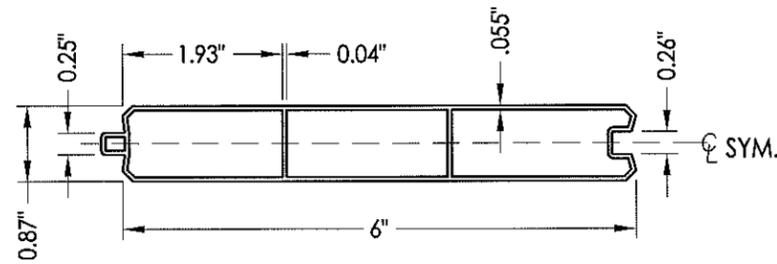


BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
1	5" X 5" POST	PVC
2	#10 X 0.75" PH SELF-DRILLING TEK SCREW	STEEL
3	TOP AND BOTTOM RAIL	PVC
4	U CHANNEL	PVC
5	POST CAP	PVC
6	TONGUE AND GROOVE PICKET (7/8" X 6")	PVC

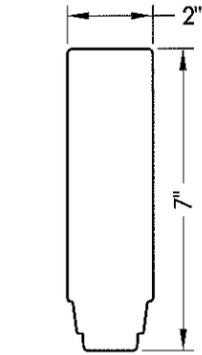
NOTE:
 1. "U" channel is attached to the fence post with #10 x .75" self-drilling TEK screws located @ 2.5" from the top and bottom with one at the centerline.



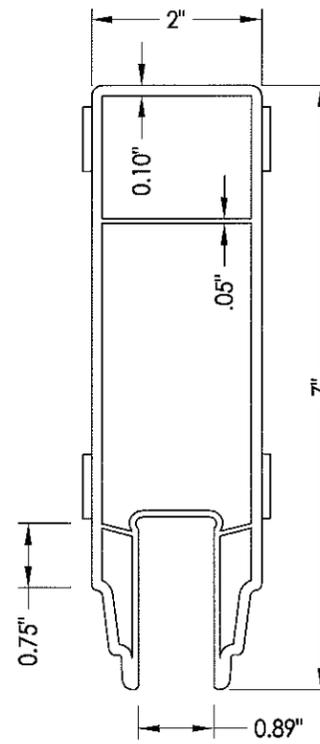
4 U CHANNEL
See note 1



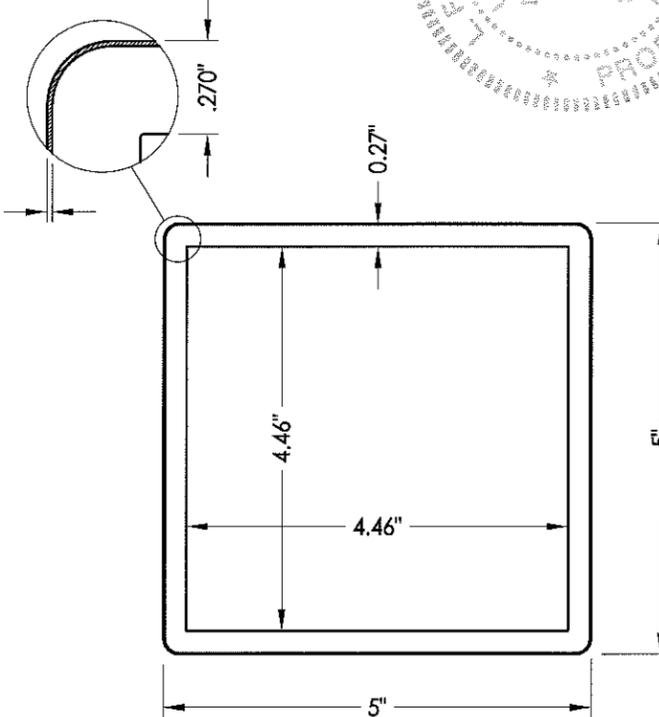
6 TONGUE AND GROOVE PICKET
7/8" X 6"



ROUTER DETAIL "A"

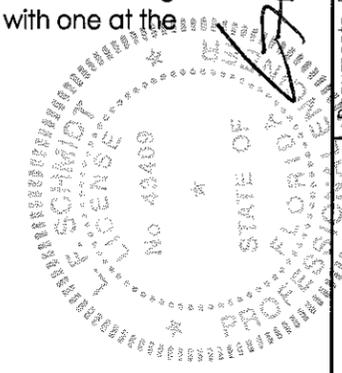


3 TOP AND BOTTOM RAIL



1 5" X 5" POST

MIN. .015" CAP STOCK
 (CONTAINS UV INHIBITORS)
 TYP. ALL POST, RAILS & PICKETS

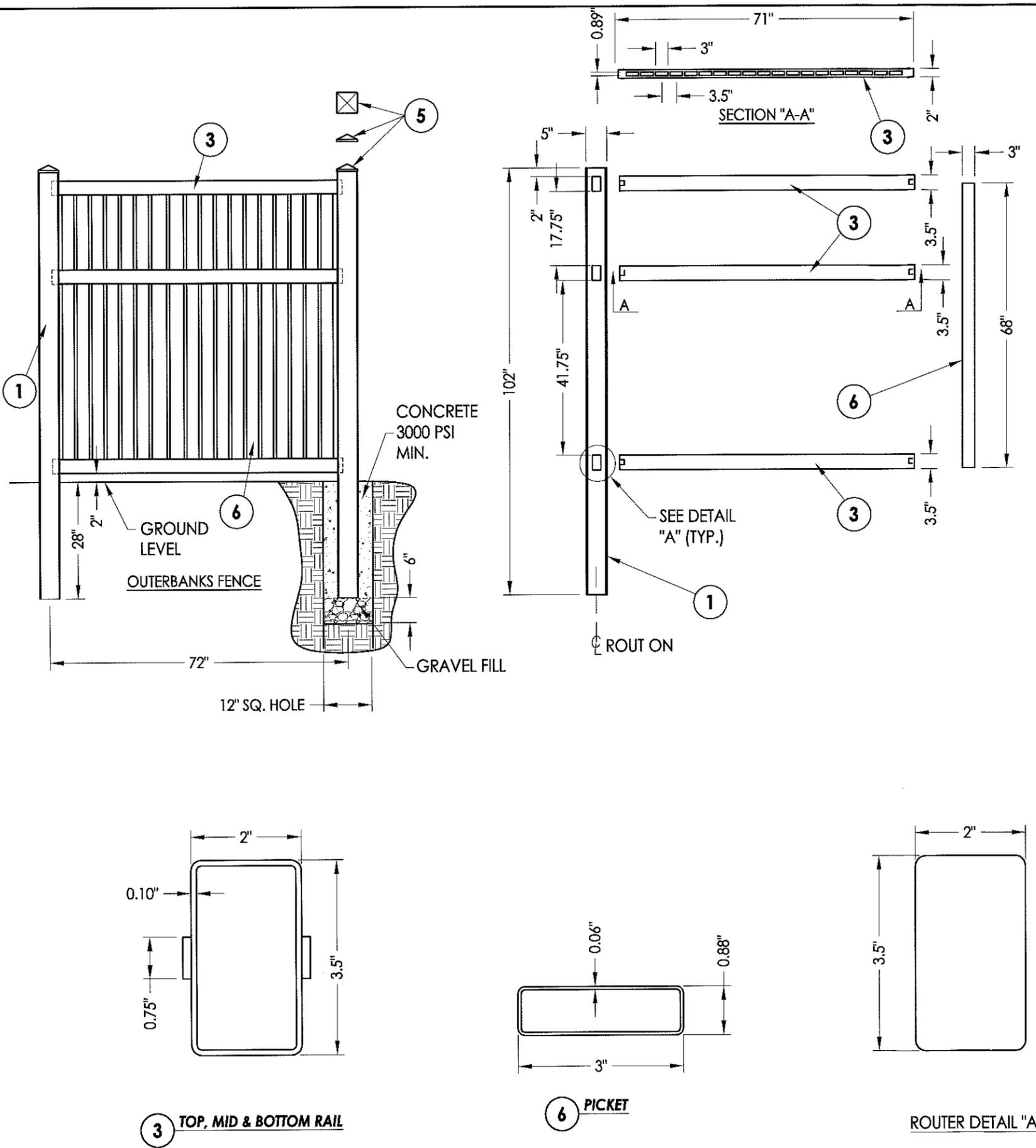


Documents Prepared By:
RW
 BUILDING CONSULTANTS, INC.
 P.O. Box 230 Vairico FL 33595
 Phone No.: 813.659.9197
 Florida Board of Professional Engineers
 Certificate Of Authorization No. 9813
 Lyndon F. Schmidt P.E. No. 43409

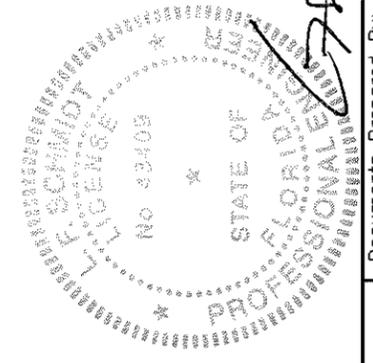
PRODUCT:	PVC PRIVACY FENCE	
PART OR ASSEMBLY:	CAMBRIDGE FENCE DETAILS	
NO.	DATE	BY
1	2/23/16	LFS
UPDATE TO 5TH ED. 2014 FBC		

DATE:	3/13/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	S-4108
SHEET	3 OF 7

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 16-0229.01
 Expiration Date 09/13/2017
 By *Heidi A. Miller*
 Miami Dade Product Control

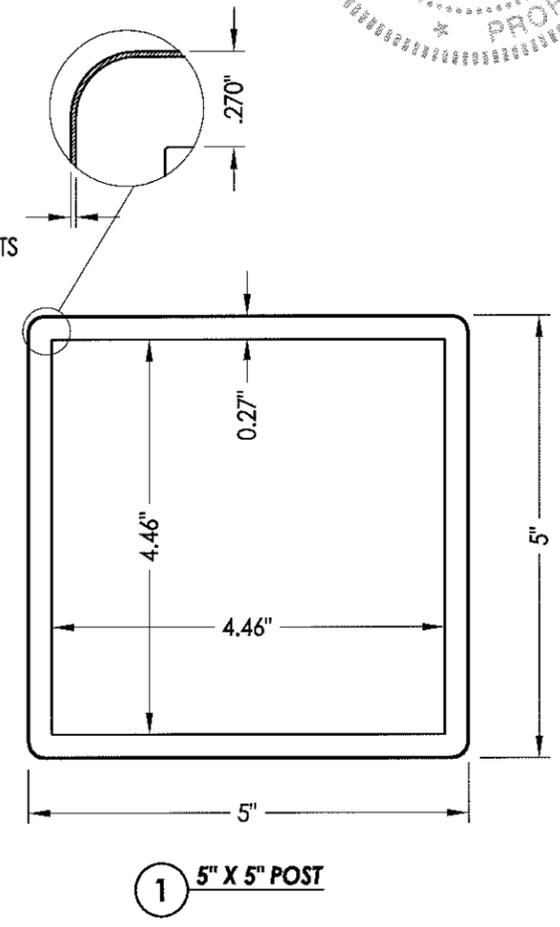


BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
1	5" X 5" POST	PVC
3	TOP, MID & BOTTOM RAIL	PVC
5	POST CAP	PVC
6	PICKET	PVC



Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
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 Lyndon F. Schmidt P.E. No. 43409

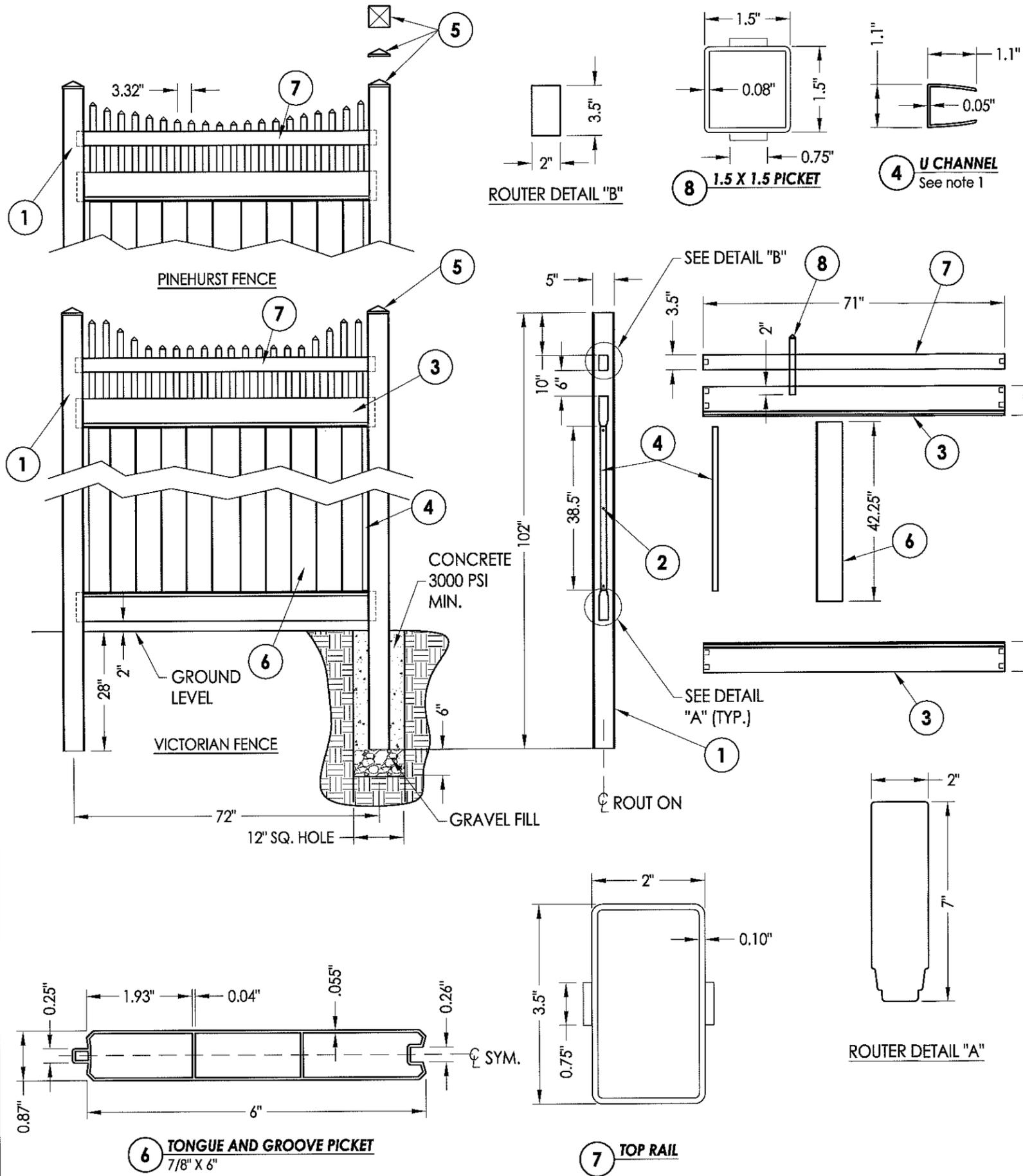
MIN. .015" CAP STOCK
 (CONTAINS UV INHIBITORS)
 TYP. ALL POST, RAILS & PICKETS



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 16-0229.01
 Expiration Date 09/13/2017
 By *Healy A. Mohr*
 Miami Dade Product Control

DATE: 3/13/12
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.: S-4108
 SHEET 4 OF 7

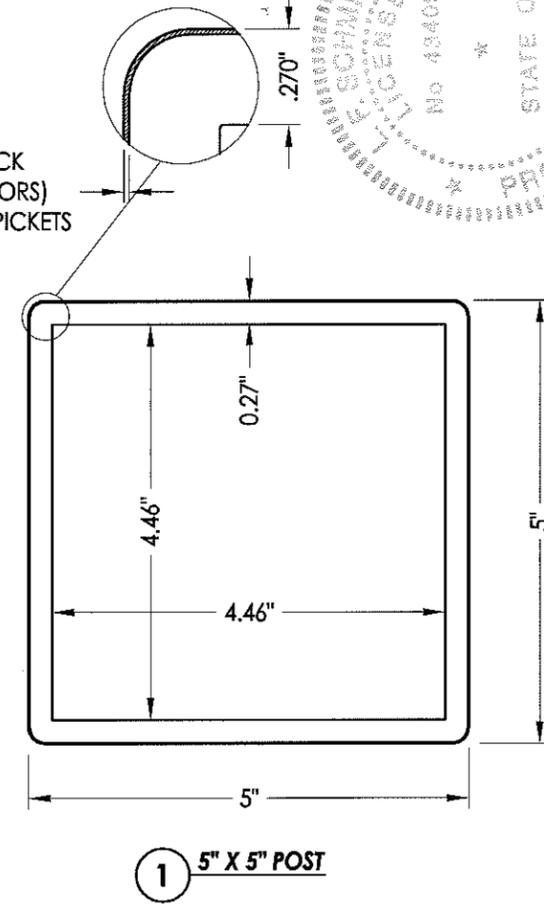
PRODUCT:	PVC PRIVACY FENCE	
PART OR ASSEMBLY:	OUTERBANKS FENCE DETAILS	
NO.	DATE	BY
1	2/23/16	LFS
	UPDATE TO 5TH ED. 2014 FBC	
REVISIONS		



BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
1	5" X 5" POST	PVC
2	#10 X 0.75" PH SELF-DRILLING TEK SCREW	STEEL
3	MID & BOTTOM RAIL	PVC
4	U CHANNEL	PVC
5	POST CAP	PVC
6	TONGUE AND GROOVE PICKET 7/8" X 6"	PVC
7	TOP RAIL	PVC
8	1.5" X 1.5" PICKET	PVC

NOTE:
 1. "U" channel is attached to the fence post with #10 x .75" self-drilling TEK screws located @ 2.5" from the top and bottom with one at the centerline.

MIN. .015" CAP STOCK
 (CONTAINS UV INHIBITORS)
 TYP. ALL POST, RAILS & PICKETS



1 5" X 5" POST

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 16-0229.01
 Expiration Date 09/13/2017
 By *Healy A. Miller*
 Miami Door Product Control

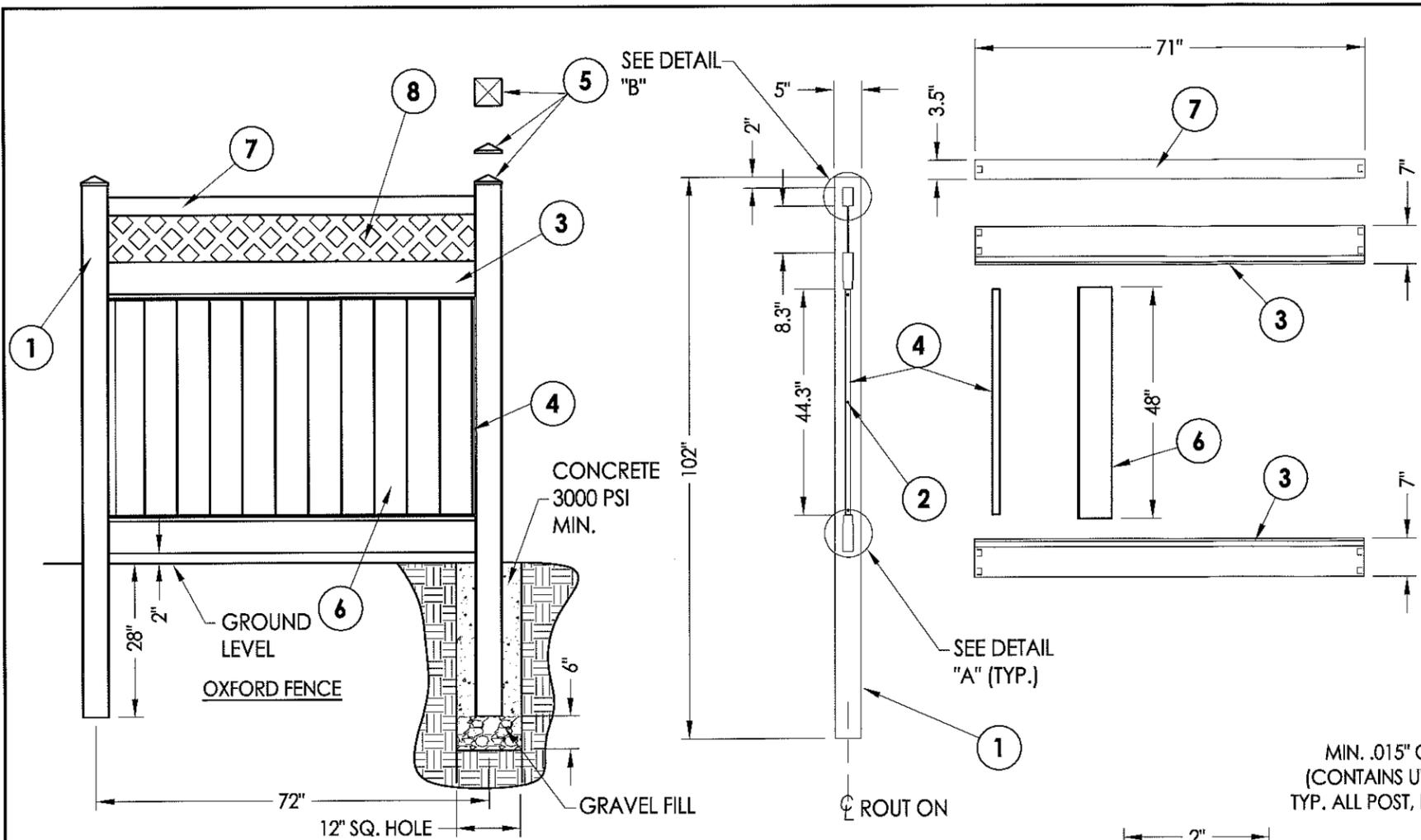
DATE:	3/13/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	S-4108
SHEET	5 OF 7

Documents Prepared By: *RW*
 BUILDING CONSULTANTS, INC.
 P.O. Box 230 Valrico FL 33595
 Phone No.: 813.659.9197
 Florida Board of Professional Engineers
 Certificate Of Authorization No. 9813

PRODUCT: PVC PRIVACY FENCE
 PART OR ASSEMBLY: PINEHURST AND VICTORIAN FENCE DETAILS

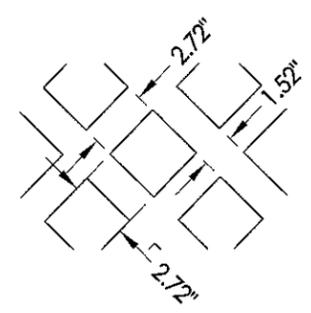
NO.	DATE	REVISIONS	LFS	BY
1	2/23/16	UPDATE TO 5TH ED. 2014 FBC		

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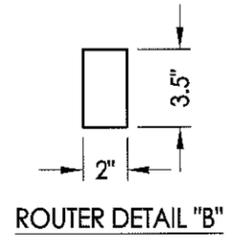


BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
1	5" X 5" POST	PVC
2	#10 X 0.75" PH SELF-DRILLING TEK SCREW	STEEL
3	MID & BOTTOM RAIL	PVC
4	U CHANNEL	PVC
5	POST CAP	PVC
6	TONGUE AND GROOVE PICKET 7/8" X 6"	PVC
7	TOP RAIL	PVC
8	LATTICE	PVC

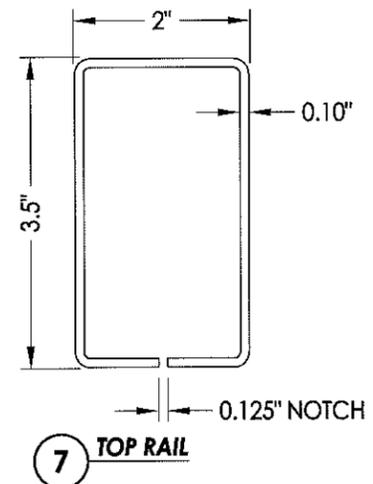
NOTE:
 1. "U" channel is attached to the fence post with #10 x .75" self-drilling TEK screws located @ 2.5" from the top and bottom with one at the centerline.



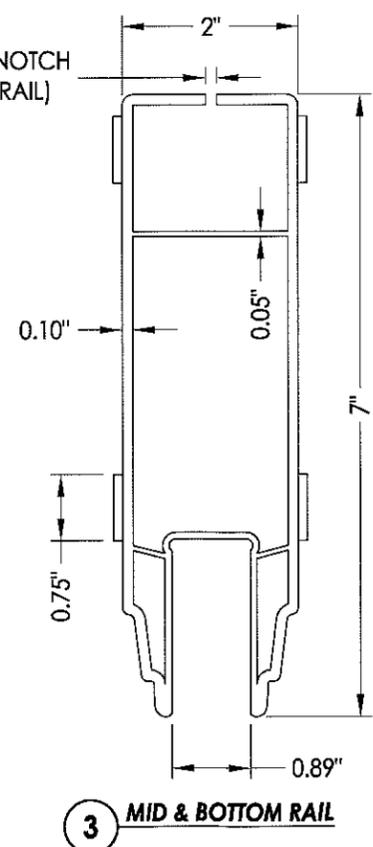
8 LATTICE
 0.125" thick X 12" wide



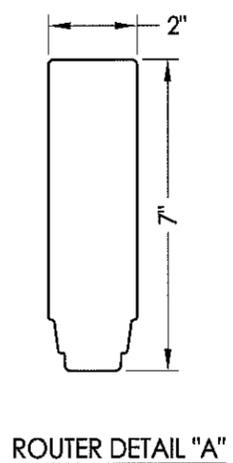
ROUTER DETAIL "B"



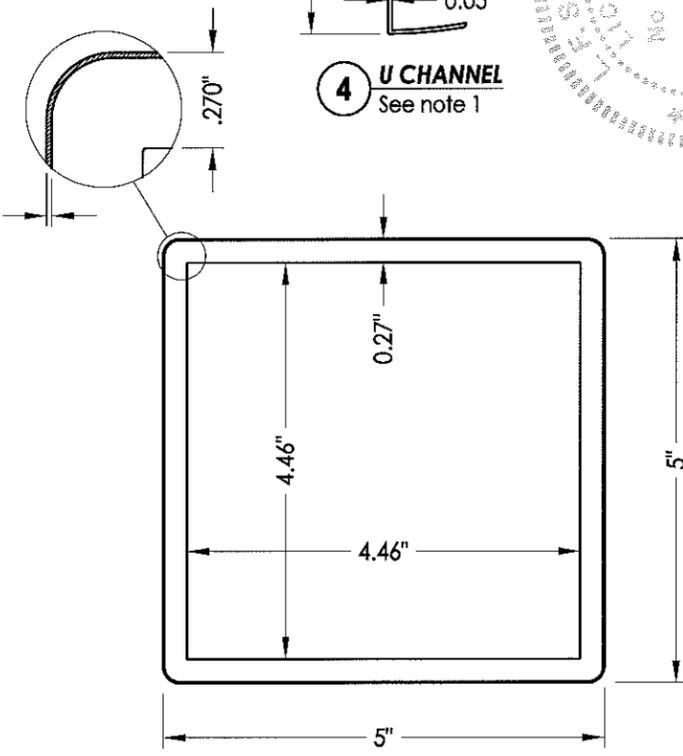
7 TOP RAIL



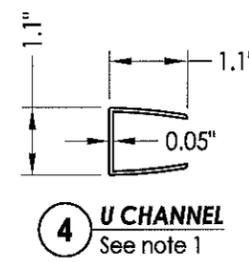
3 MID & BOTTOM RAIL



ROUTER DETAIL "A"



1 5" X 5" POST



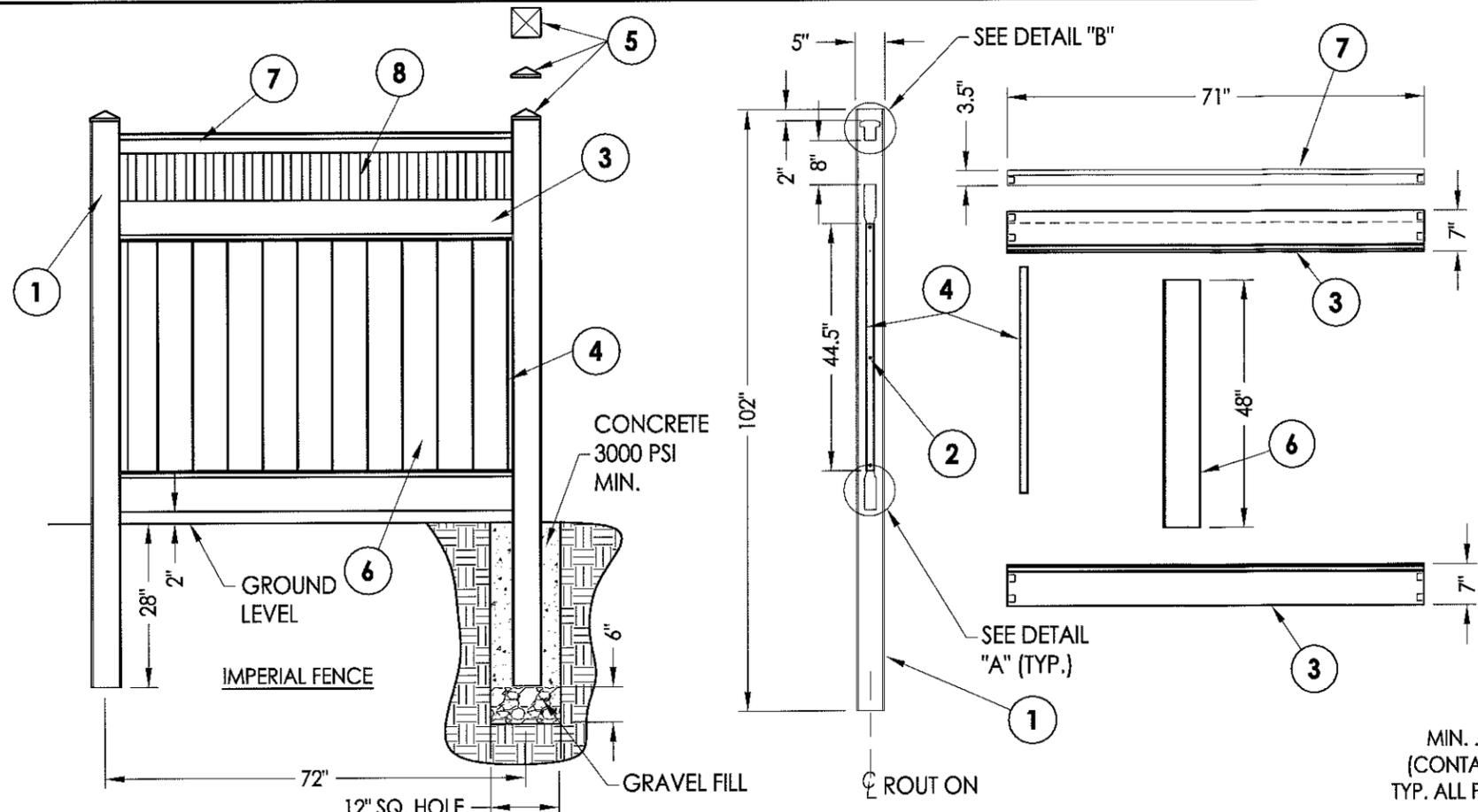
4 U CHANNEL
 See note 1

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 16-9229.01
 Expiration Date 09/13/2017
 By *Healy A. Mohr*
 Miami Design Product Control

DATE:	3/13/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	S-4108
SHEET	6 OF 7

PRODUCT:	PVC PRIVACY FENCE	
PART OR ASSEMBLY:	OXFORD FENCE DETAILS	
NO.	DATE	BY
1	2/23/16	UPDATE TO 5TH ED. 2014 FBC

Documents Prepared By: *RW*
 BUILDING CONSULTANTS, INC.
 P.O. Box 230 Valrico FL 33595
 Phone No.: 813.659.9197
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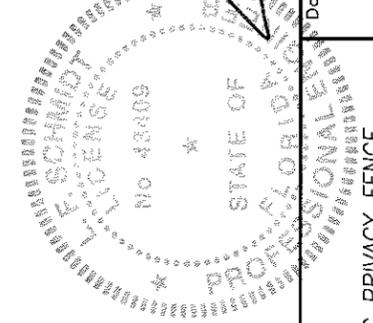


BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
1	5" X 5" POST	PVC
2	#10 X 0.75" PH SELF-DRILLING TEK SCREW	STEEL
3	MID & BOTTOM RAIL	PVC
4	U CHANNEL	PVC
5	POST CAP	PVC
6	TONGUE AND GROOVE PICKET 7/8" X 6"	PVC
7	TOP RAIL	PVC
8	1.5" X 1.5" PICKET	PVC

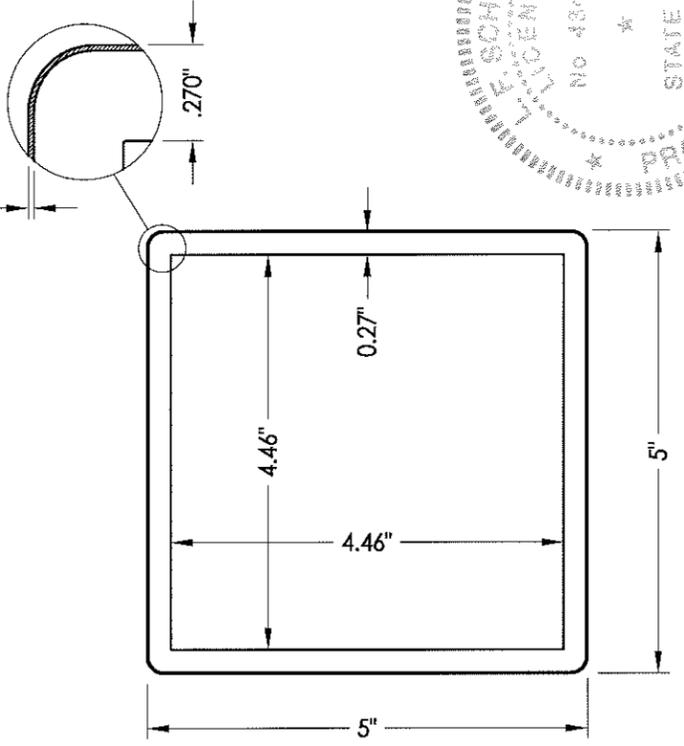
NOTE:
 1. "U" channel is attached to the fence post with #10 x .75" self-drilling TEK screws located @ 2.5" from the top and bottom with one at the centerline.

2-23-16

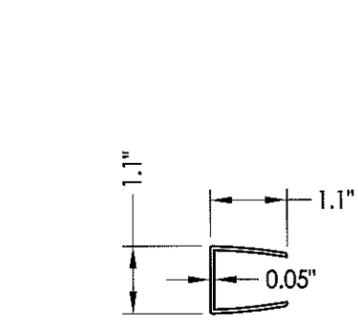
Documents Prepared By:
R.W. BUILDING CONSULTANTS, INC.
 P.O. Box 230 Valrico FL 33595
 Phone No.: 813.659.9197
 Florida Board of Professional Engineers
 Certificate Of Authorization No. 9813
 Lyndon F. Schmidt P.E. No. 43409



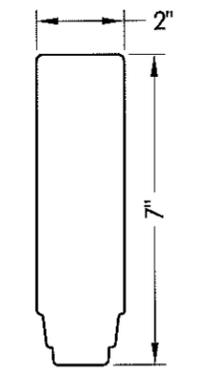
MIN. .015" CAP STOCK
 (CONTAINS UV INHIBITORS)
 TYP. ALL POST, RAILS & PICKETS



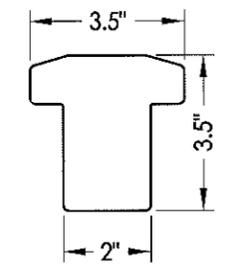
1 5" X 5" POST



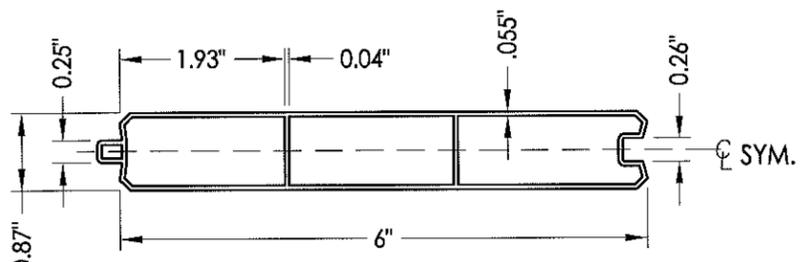
4 U CHANNEL
 See note 1



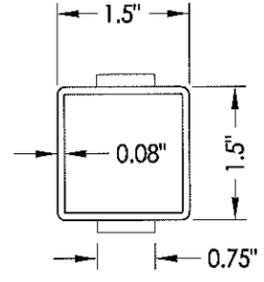
ROUTER DETAIL "A"



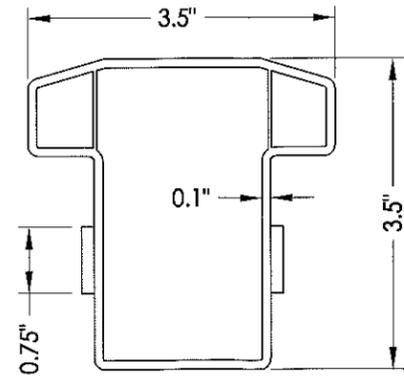
ROUTER DETAIL "B"



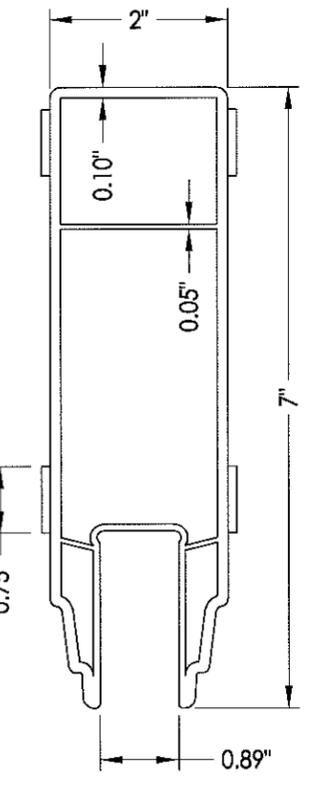
6 TONGUE AND GROOVE PICKET
 7/8" X 6"



8 1.5 X 1.5 PICKET



7 TOP RAIL



3 MID & BOTTOM RAIL

PRODUCT:	PVC PRIVACY FENCE	
PART OR ASSEMBLY:	IMPERIAL FENCE DETAILS	
NO.	DATE	BY
1	2/23/16	LFS
UPDATE TO 5TH ED. 2014 FBC		
REVISIONS		
DATE:	3/13/12	
SCALE:	N.T.S.	
DWG. BY:	JK	
CHK. BY:	LFS	
DRAWING NO.:	S-4108	
SHEET	7 OF 7	

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 16-0229.01
 Expiration Date 09/13/2017
 By *[Signature]*
 Miami Dade Product Control