



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

NOTICE OF ACCEPTANCE (NOA)

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

Eastern Wholesale Fence Co., Inc.
274 Middle Island Rd.
Medford, NY 11763

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: Illusions Vinyl Fence

APPROVAL DOCUMENT: Drawing titled "Illusions Vinyl Fence", sheets 1 through 18 of 18, dated 12/01/2014, prepared by Eastern Wholesale Fence Co., Inc., signed and sealed by Thomas A. Dixon, P.E., 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 Section.

MISSILE IMPACT RATING: None

LABELING: Each fence section shall bear a permanent label with the manufacturer's name or logo, Calverton, NY 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 and renews NOA # 11-0107.02 consists of this page 1, evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.



[Signature]
03/04/2015

NOA No. 14-1209.01
Expiration Date: December 9, 2019
Approval Date: March 12, 2015
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing titled "Illusions Vinyl Fence", sheets 1 through 18 of 18, dated 12/01/2014, prepared by Eastern Wholesale Fence Co., Inc., signed and sealed by Thomas A. Dixon, P.E.

B. TESTS *"Submitted under NOA # 09-0826.07"*

1. Test reports on 1) Dynamic Wind Load Testing,
2) Static Load Post Testing,
along with marked-up drawings and installation diagram of 4 ft, 6ft and 8 ft high vinyl Illusions fence systems, prepared by Architectural Testing, Inc., Test Report No. 87954.01-119-18, dated 05/06/2009, with Revision 4 dated 09/16/2009, signed and sealed by Joseph A. Reed, P.E.
2. Test reports on 1) Artificial Outdoor Exposure per ASTM G 155-05a,
2) Tensile Testing per ASTM D 638-03,
3) Rate of Burning per ASTM D 635-06,
4) Smoke Density per ASTM D 2843-99,
5) Self Ignition Temperature per ASTM 1929-96,
along with marked-up drawings and installation diagram of vinyl Illusions fence systems, prepared by Architectural Testing, Inc., Report No. 87954.03-119-18, dated 08/18/2009, signed and sealed by Joseph A. Reed, P.E.

C. CALCULATIONS

1. Fence foundation calculations prepared by Dixon Engineering, Inc., dated 12/08/2014, signed and sealed by Thomas A. Dixon, P.E.

"Submitted under NOA # 09-0826.07"
2. Fence foundation calculations, dated 10/16/09, prepared, signed and sealed by Fred S. Cardwell, P.E.

D. QUALITY ASSURANCE

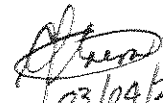
1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance to 2010 FBC issued by Dixon Engineering, Inc., dated 12/02/2014, signed and sealed by Thomas A. Dixon, P.E.
2. Statement letter of no financial interest issued by Dixon Engineering, Inc., dated 12/02/2014, signed and sealed by Thomas A. Dixon, P.E.


103/04/2015

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 14-1209.01

Expiration Date: December 9, 2019
Approval Date: March 12, 2015

PVC Material Specifications	Value	ASTM
Control Tensile Strength PST	6328	D-638
Tensile Strength PST	6690	D-638
Percentage Change	+5.6%	D-638
Rate of Burning	0.0 mm/min	D-2843
Smoke Density	63.5	D-2843
Self Ignition	380 C	D-1929

REV	BY	DATE
1	GB	08-12-14
2	CEB	12-01-14

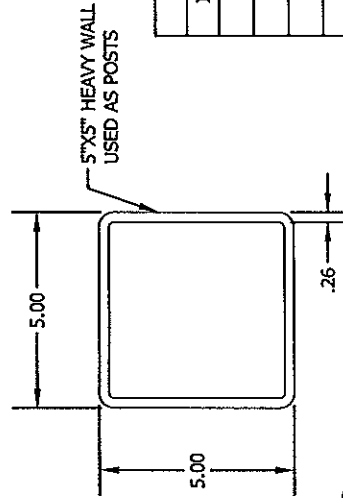
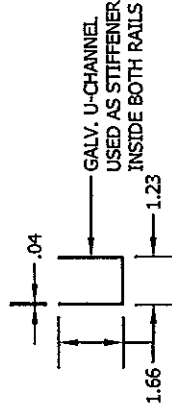
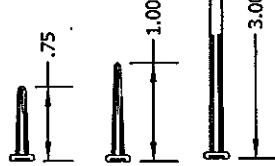
NOTE:

FENCE HEIGHT MAY BE
SUBJECT TO LOCAL
CODE REGULATIONS

NOA# 09-0826.07

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 14-209.01
Expiration Date 12/01/2019

By *[Signature]*
Miami Dade Product Control



ITEM	QTY	PART DESCRIPTION
1	2	0.875" U-CHANNEL
2	4	GALV. U-CHANNEL
3	15	64" T&G BOARD
4	30	0.75" SCREW
5	2	5"X5"X9" HEAVY WALL POST
6	2	POST INSERT
7	2	1" SCREW
8	2	1.5"X5.5" SLOTTED RAIL
9	2	3" SCREW

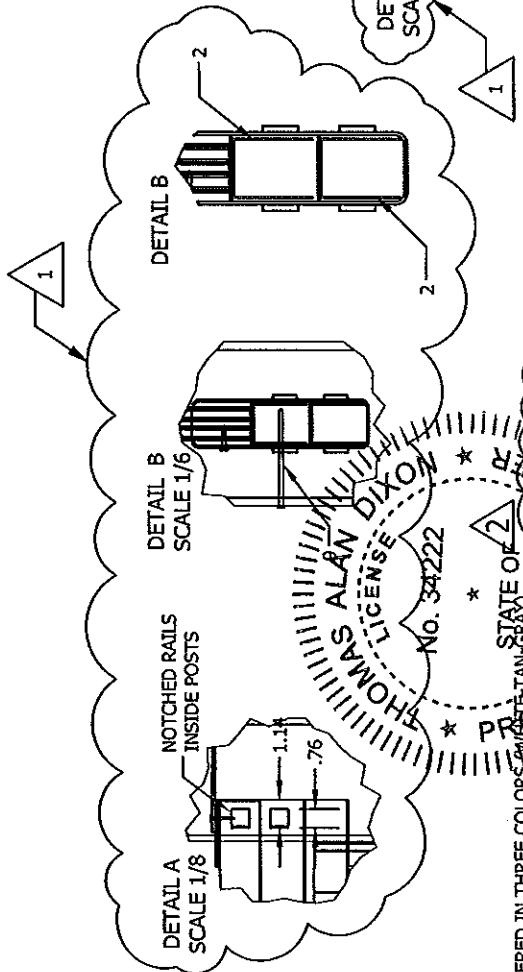
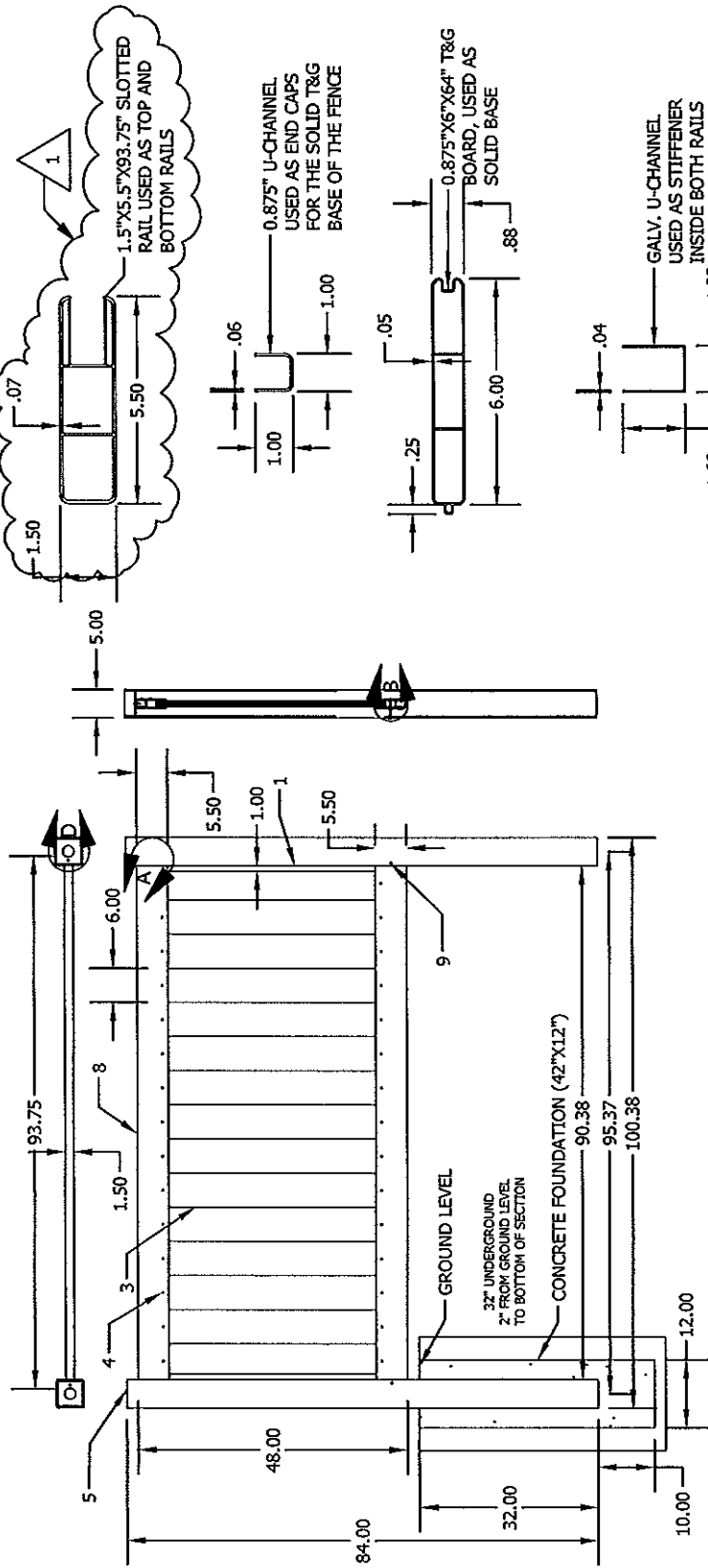


www.IllusionsFence.com

SHEET

21

SHEET 1 OF 18
12-01-14



*OFFERED IN THREE COLORS: WHITE, TAN, BROWN
THIS FENCE IS COMPLIANT WITH THE 2010 FLORIDA BUILDING CODE. THIS FENCE WAS TESTED FOR A 75 MPH FASTEST MILE WIND SPEED PER FBC 1615.2.1

Dixon Engineering, Inc.
THOMAS A. DIXON, P.E. FL# 34222
10410 MAIN STREET
THORNTON, MASSACHUSETTS 01967
VOICE: 813-982-9885
FAX: 813-982-1206

DESCRIPTION
Vinyl 4' High Tongue & Groove Solid Panel
V300-4

Eastern Wholesale Fence, Inc. - 274 Middle Island Rd. Medford, NY 11763

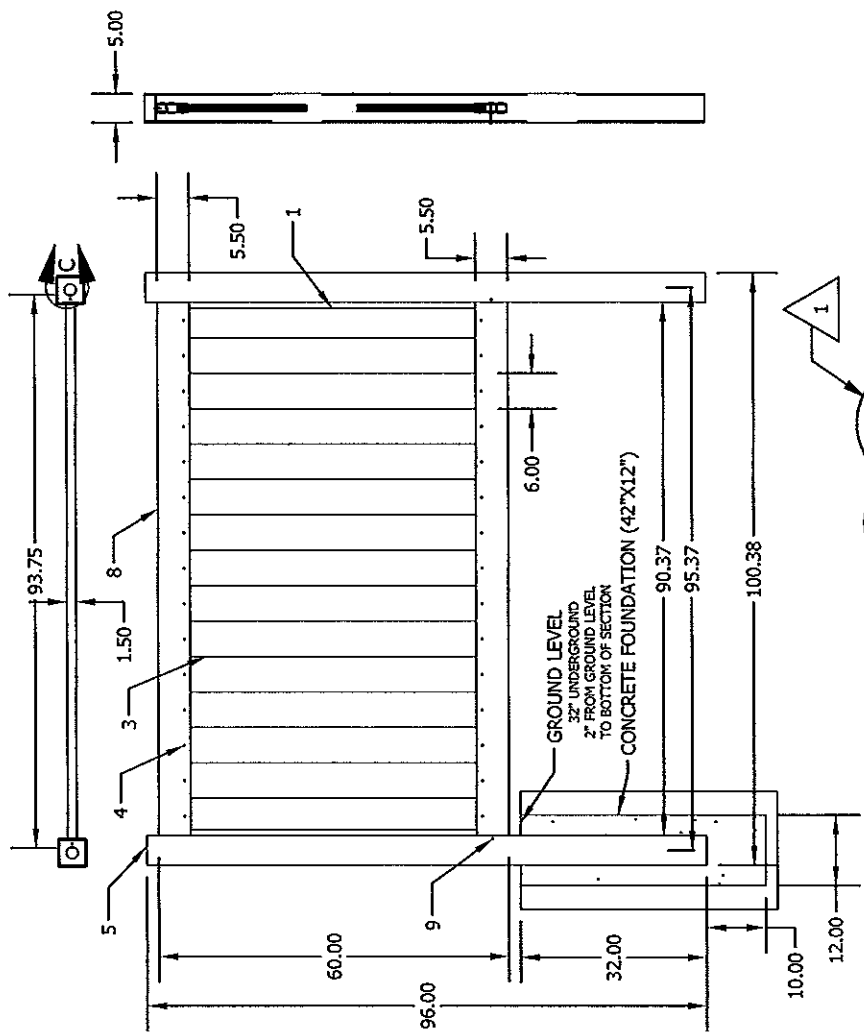
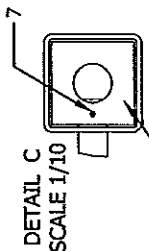
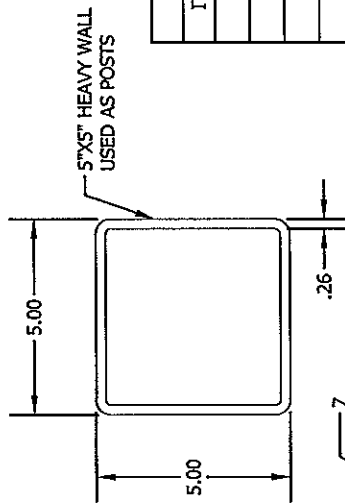
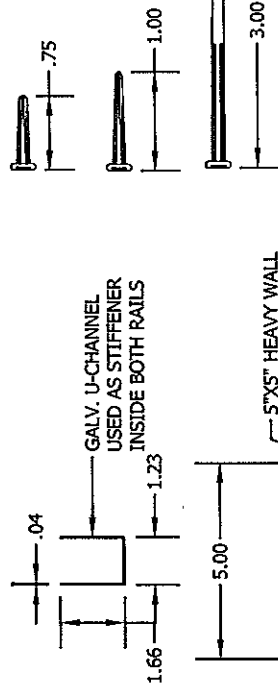
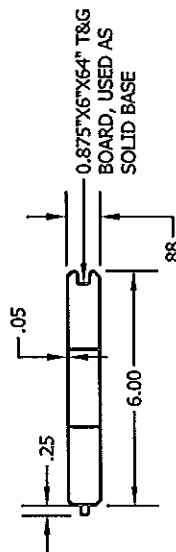
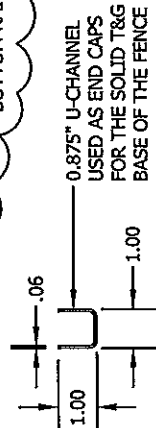
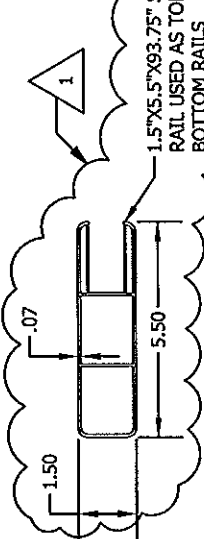
PVC Material Specifications
 Specifications Value ASTM
 Minimum Tensile Strength 6325 D-638
 Minimum Elongation 660% D-638
 Minimum Impact Strength PST +5.6% D-638
 Rate of Burning 0.0 mm/min D-635
 Smoke Density 53.5 D-2843
 Self Ignition 380 C D-1929

REV	BY	DATE
1	GB	08-12-14
2	CEB	12-01-14

NOTE:
 FENCE HEIGHT MAY BE
 SUBJECT TO LOCAL
 CODE REGULATIONS

NOA# 09-0826.07

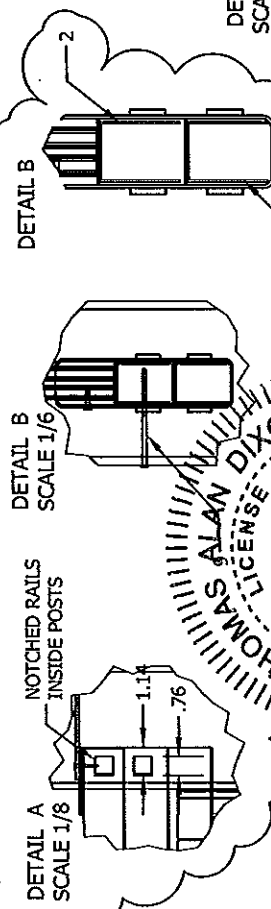
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 14-1205.01
 Expiration Date: 12/09/2019
 By: [Signature]
 Material Date: Product Changed



ITEM	QTY	PART DESCRIPTION
1	2	0.875" U-CHANNEL
2	4	GALV. U-CHANNEL
3	15	64" T&G BOARD
4	30	0.75" SCREW
5	2	5"X5"X9' HEAVY WALL POST
6	2	POST INSERT
7	2	1" SCREW
8	2	1.5"X5.5" SLOTTED RAIL
9	2	3" SCREW

SHEET
 2
 SHEET 2 OF 18
 12-01-14

Illusions
 VINYL FENCE
 www.IllusionsFence.com



*OFFERED IN THREE COLORS: WHITE, TAN, AND BROWN. THIS FENCE IS IN COMPLIANCE WITH THE 2010 FLORIDA BUILDING CODE. THIS FENCE WAS TESTED FOR A 75 MPH FASTEST MILE WIND SPEED PER FBC 1615.2.1

DESIGNER: [Signature]
 DATE: 12/01/14
 PROJECT: V300-5
 DESCRIPTION: Vinyl 5' High Tongue & Groove Solid Panel
 Eastern Wholesale Fence, Inc. - 274 Middle Island Rd. Medford, NY 11763

Dixon Engineering, Inc.
 Thomas A. Dixon, P.E. RJ 3422
 Florida C.O.A. 8195
 10410 MAIN STREET
 THONOTOSASSA, FLORIDA 33771
 VOICE: 813-982-9885
 FAX: 813-982-1206

PVC Material Specifications
 Control Tensile Strength PSI 5323
 Yield Tensile Strength PSI 6690
 Elongation at Break % +5.6%
 Rate of Burning D-638
 Smoke Density D-2843
 Self Ignition D-1929

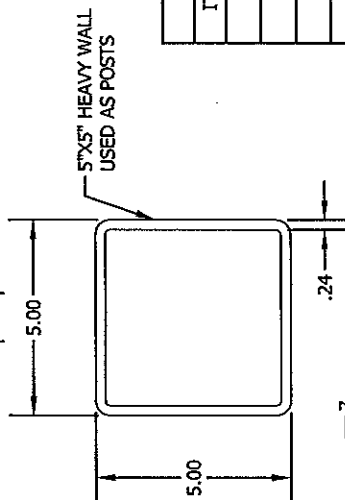
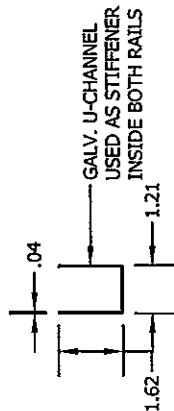
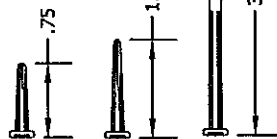
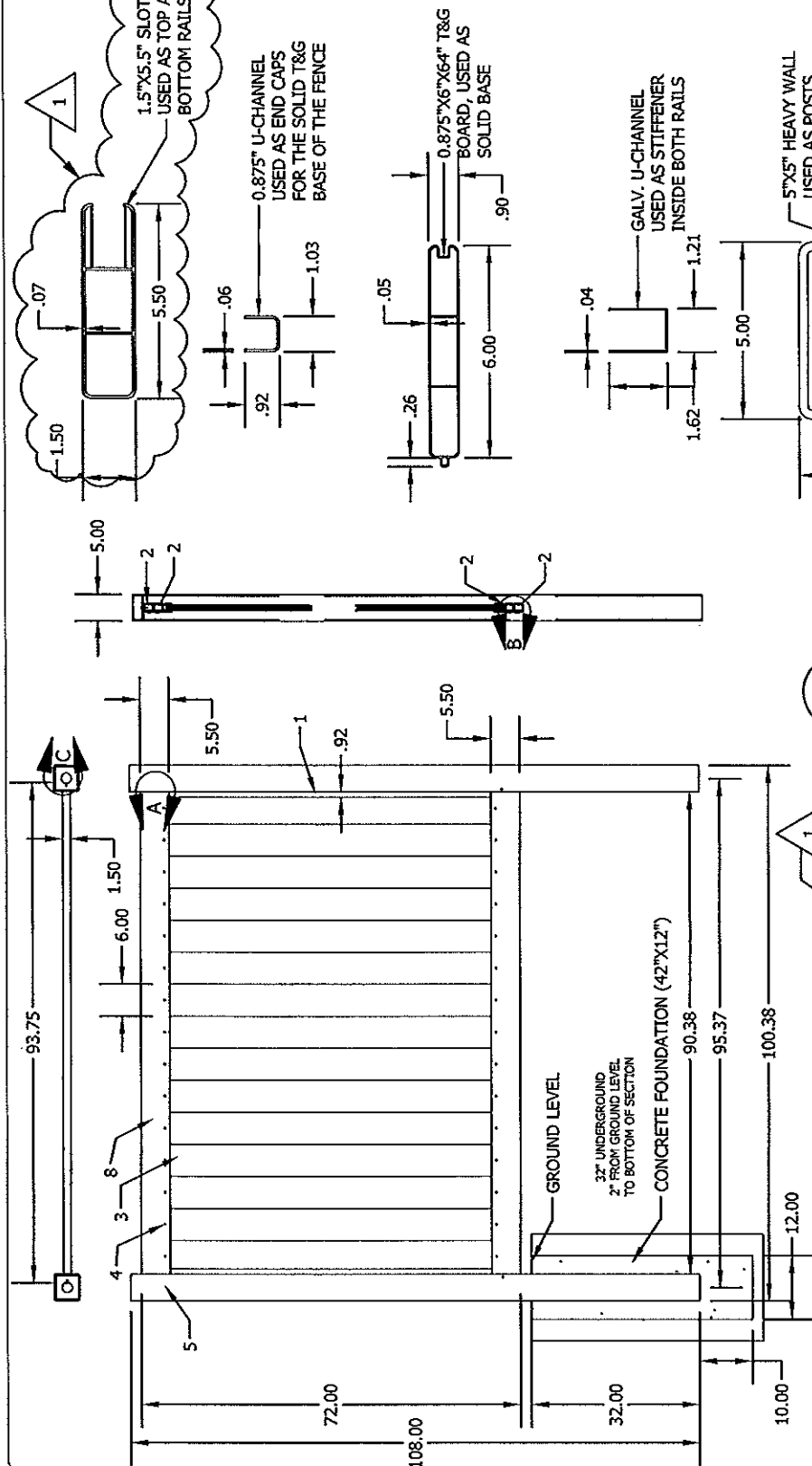
REV	BY	DATE
1	GB	08-12-14
2	CEB	12-01-14

NOTE:
 FENCE HEIGHT MAY BE
 SUBJECT TO LOCAL
 CODE REGULATIONS

NOA# 09-0826.7

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 14-009-01
 Expiration Date 12/09/2019

By *[Signature]*
 Martin Date Product Control



ITEM	QTY	PART DESCRIPTION
1	2	0.875" U-CHANNEL
2	4	GALV. U-CHANNEL
3	15	54" T&G BOARD
4	30	0.75" SCREW
5	2	5"X5"X9' HEAVY WALL POST
6	2	POST INSERT
7	2	1" SCREW
8	2	1.5"X5.5" SLOTTED RAIL
9	2	3" SCREW

SHEET
3
 SHEET 3 OF 18
 11-29-10



www.IllusionsFence.com

THIS FENCE, ITS VERTICAL SUPPORTS, AND FOUNDATIONS ARE IN COMPLIANCE WITH THE 2010 FLORIDA BUILDING CODE. THIS FENCE WAS TESTED FOR A 75 MPH FASTEST MILE WIND SPEED PER FBC 1615.2.1

DESCRIPTION
 Vinyl 6' High Tongue &
 Groove Solid Panel with
 slotted rails

PROFESSIONAL ENGINEER
 No. 34222
 THOMAS ALAN DIXON
 OFFERED IN THREE COPIES WHITE PAPER
 Dixon Engineering, Inc.
 Thomas A. Dixon, P.E.
 Florida C.O.A. 8195
 10410 MAIN STREET
 THONOTOSASSA, FLORIDA 33771
 VOICE: 813-982-9885
 FAX: 813-982-1236

Eastern Wholesale Fence, Inc. - 274 Middle Island Rd. Medford, NY 11763

REV	BY	DATE
1	GB	08-12-14
2	CEB	12-01-14

NOTE:
FENCE HEIGHT MAY BE
SUBJECT TO LOCAL
CODE REGULATIONS

NOA# 09-0826.7

BILL OF MATERIALS		
ITEM	QTY	PART DESCRIPTION
1	4	0.875" U-CHANNEL
2	6	GALV. U-CHANNEL
3	30	43" T&G BOARD
4	60	0.75" SCREW
5	2	8"x8"x132" HEAVY WALL POST
6	2	POST INSERT
7	2	1" SCREW
8	1	1.5"x5.5" RAIL
9	2	1.5"x5.5" SLOTTED RAIL
10	6	4" SCREW

LEADS

SHEET 4 OF 18
11-29-10

www.IllusionsFence.com

Eastern Wholesale Fence, Inc. - 274 Middle Island Rd. Medford, NY 11763

FAX: 813-982-12306

THIS FENCE, ITS VERTICAL SUPPORTS, AND FOUNDATIONS ARE IN COMPLIANCE WITH THE 2010 FLORIDA BUILDING CODE. THE FENCE WAS TESTED AND A 75 MPA EASTEST MTI FEMING GREEN DEF 58C 1615 2 1

DESCRIPTION

Vinyl 8' High Tongue & Groove Solid Panel

~~FLORIDA PROBATION DEPARTMENT~~

WV300-8



**Dixon
Engineering, Inc.**

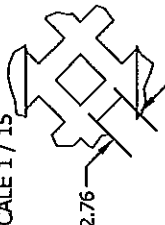
THOMAS A. DIXON, P.E.
FLORIDA C.O.A. 8195
10410 MAIN STREET
THONOTOSASSA, FLORIDA 33771
VOICE: 813-982-9885
FAX: 813-982-12306
FL# 14222

REV	BY	DATE
1	GB	08-12-14
2	CEB	12-01-14

NOTE:
FENCE HEIGHT MAY BE
SUBJECT TO LOCAL
CODE REGULATIONS

NOA# 09-0826.07

DETAIL D
SCALE 1/15



BILL OF MATERIALS		
ITEM	QTY	PART DESCRIPTION
1	2	0.875" U-CHANNEL
2	3	GALV. U-CHANNEL
3	15	50" T&G BOARD
4	30	0.75" SCREW
5	2	5"X5"X9' HEAVY WALL POST
6	2	POST INSERT
7	2	1" SCREW
8	1	1.5"X5.5" RAIL
9	2	1.5"X5.5" SLOTTED RAIL
10	4	3" SCREW
11	1	8"X12" DIAGONAL LATTICE 2.75" OP
12	2	VLATUF 8.5" AS END CAPS FOR LATTICE

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~~SHEET 5 OF 18~~

www.IllusionsFence.com

THIS FENCE/ITS MECHANICAL SUPPORTS, AND FOUNDATIONS ARE IN COMPLIANCE WITH THE 2010 FLORIDA BUILDING CODE. THIS FENCE WAS TESTED FOR A 75 MPH EASTEST MT F WIND SPEED PER FBC 1615.2.1

DESCRIPTION

Vinyl 6" High Tongue & Groove with Diagonal Lattice Top

Eastern Wholesale Fence, Inc. - 274 Middle Island Rd. Medford, NY 11763

Dixon Engineering, Inc.
Manufacturers of Pumps, Valves and Flow Control

THOMAS A. DIXON, P.E.
FL# 34922

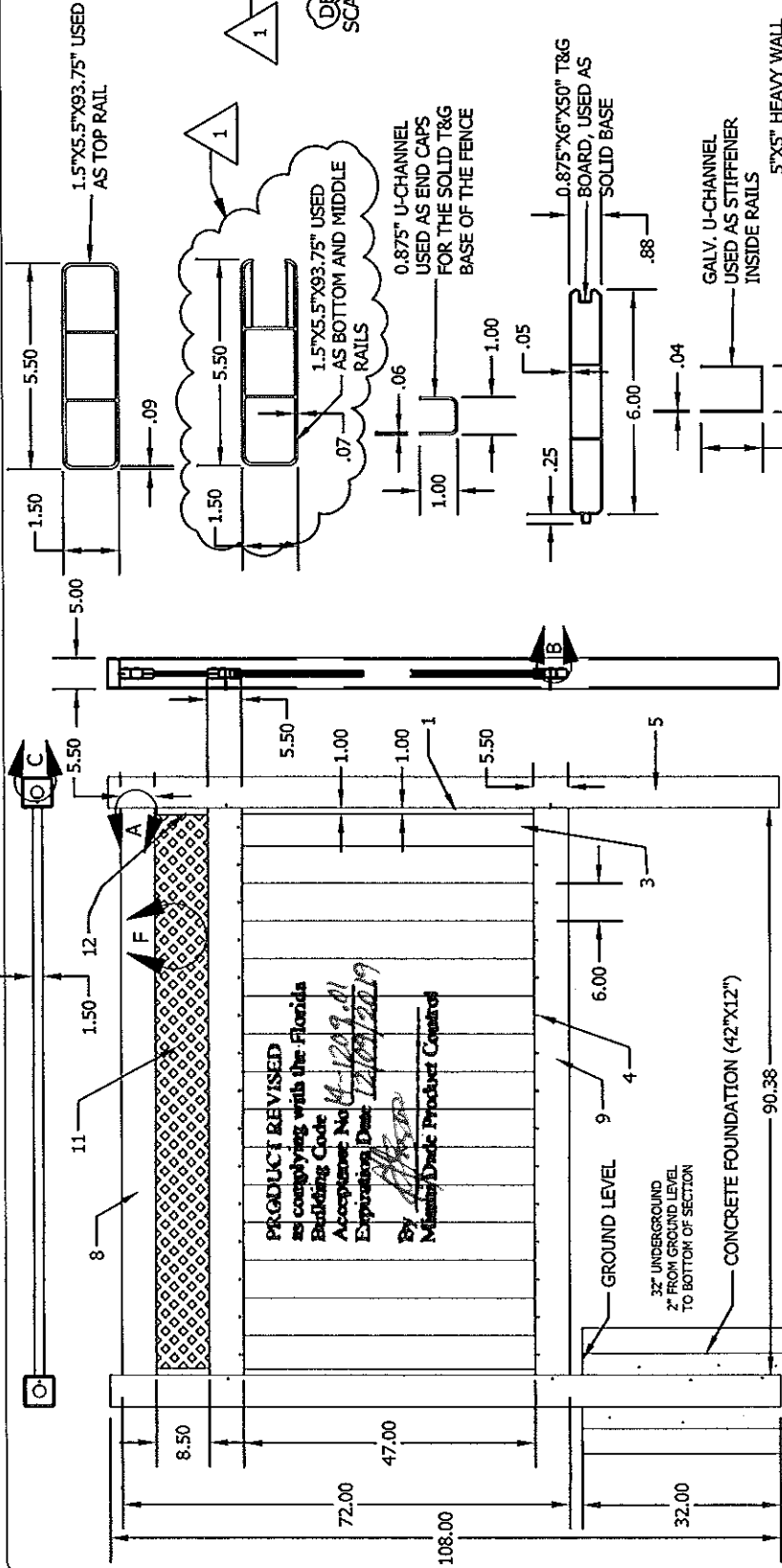
FLORIDA C.O.A. 8195
10410 MAIN STREET
THOMONASSA, FLORIDA 33771
VOICE: 813-982-5885
FAX: 813-982-12306

PVC Material Specifications	Value	ASTM
Control Tensile Strength PSI	6320	D-638
Control Elongation %	660	D-638
Control Char. Temp. °F	160	D-638
Control Char. Temp. °C	65.5	D-638
Control Rate of Burning	0.0 mm/min	D-2843
Control Smoke Density	63.5	D-1929
Control Self Ignition	380 C	

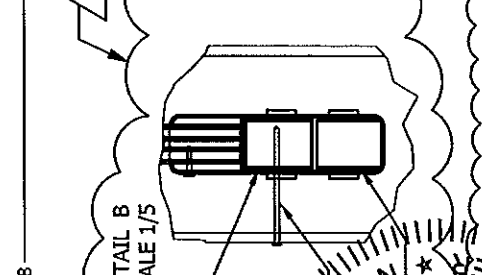
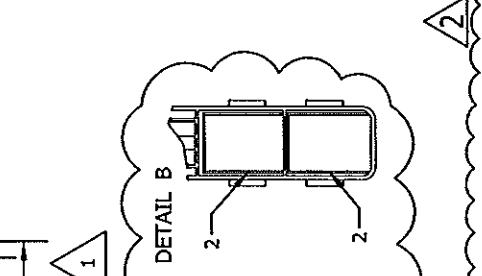
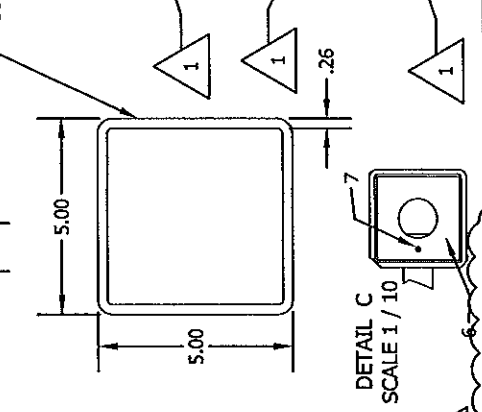
REV	BY	DATE
1	GB	08-12-14
2	CEB	12-01-14

NOTE:
FENCE HEIGHT MAY BE
SUBJECT TO LOCAL
CODE REGULATIONS

NOA# 09-0826.07



ITEM	QTY	PART DESCRIPTION
1	2	0.875\" U-CHANNEL
2	3	GALV. U-CHANNEL
3	15	50\" T&G BOARD
4	30	0.75\" SCREW
5	2	5\"X5\"X9\" HEAVY WALL POST
6	2	POST INSERT
7	2	1\" SCREW
8	1	1.5\"X5.5\" RAIL
9	2	1.5\"X5.5\" SLOTTED RAIL
10	4	3\" SCREW
11	1	8\"X12\" DIAGONAL LATTICE 1\"
12	2	VLATUF 8.5\" AS END CAPS FOR LATTICE



THIS FENCE IS IN COMPLIANCE WITH THE 2010 FLORIDA BUILDING CODE. THIS FENCE WAS TESTED FOR A 75 MPH FASTEST MILE WIND SPEED PER FBC 1615.2.1

DESIGNER: THOMAS ALAN DIXON, P.E. No. 34222 STATE OF FLORIDA PROFESSIONAL ENGINEER

DATE: 12/2/2010

PROJECT: 3215DS-6

DESCRIPTION: Vinyl 6' High Tongue & Groove with Small Diagonal Lattice Top

THOMAS A. DIXON, P.E. FL 34222
FLORIDA C.O.A. 8195
10410 MAIN STREET
THONOTOSASSA, FLORIDA 33771
VOICE: 813-982-9885
FAX: 813-982-1206

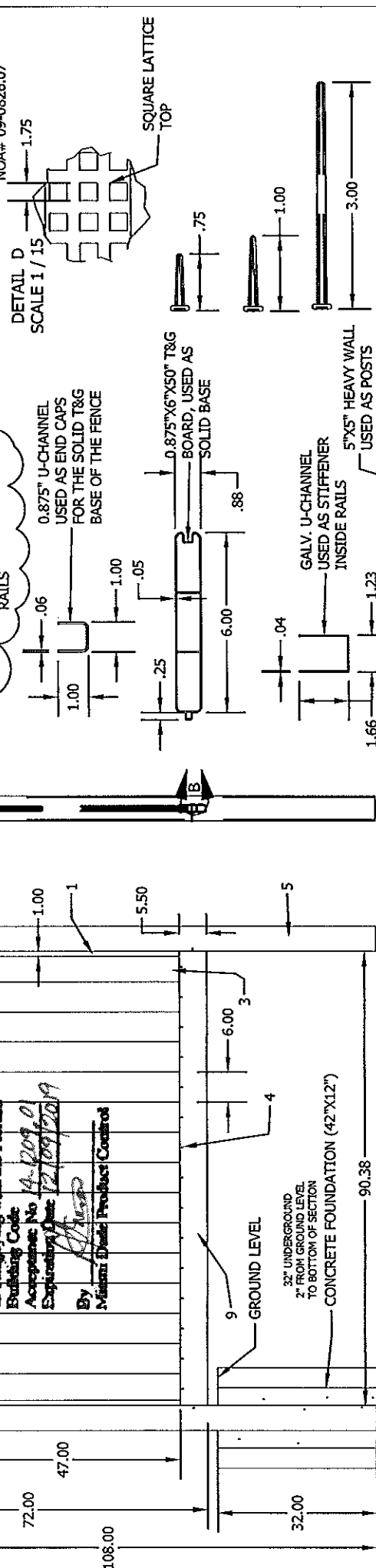
Eastern Wholesale Fence, Inc. - 274 Middle Island Rd. Medford, NY 11763

PVC Material Specifications
 Specifications Strength PST
 D-638 6332
 Weathered Tensile Strength PST
 D-638 6690
 Percentage Change
 D-638 +5.6%
 Rate of Burning
 D-2843 0.0 mm/min
 Smoke Density
 D-2843 63.5
 Self Ignition
 D-1929 380 C

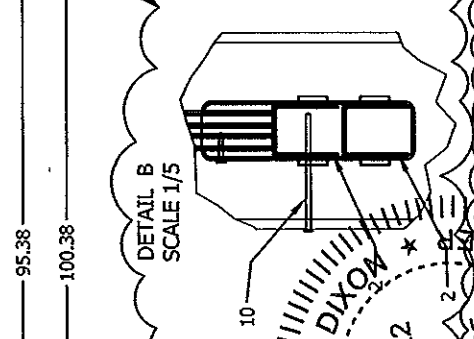
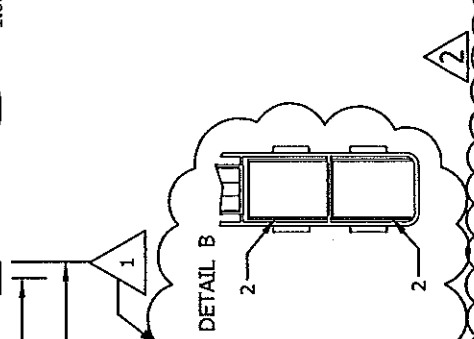
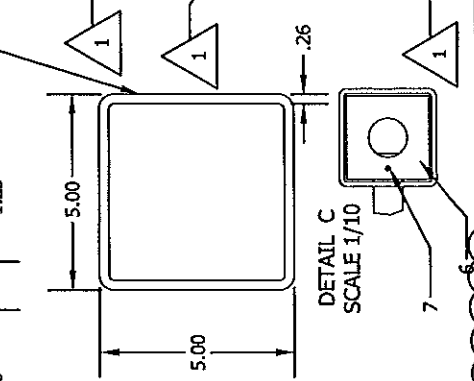
REV	BY	DATE
1	GB	08-12-14
2	CEB	12-01-14

NOTE:
 FENCE HEIGHT MAY BE
 SUBJECT TO LOCAL
 CODE REGULATIONS

NOA# 09-0826.07



ITEM	QTY	PART DESCRIPTION
1	2	0.875\"/>



Illusions
 VISUAL FENCING

www.IllusionsFence.com

SHEET
 7
 SHEET 2 OF 18
 11-29-10

THIS FENCE IS IN COMPLIANCE WITH THE 2010 FLORIDA BUILDING CODE. THIS FENCE WAS TESTED FOR A 75 MPH FASTEST MILE WIND SPEED PER FBC 1615.2.1

STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 No. 34222
 ALAN DIXON
 LICENSE

DESCRIPTION
 Vinyl 6\"/>

Dixon
 Engineering, Inc.
 FL 3422
 THOMAS A. DIXON, P.E.
 FLORIDA C.O.A. 8195
 10410 MAIN STREET
 THONOTOSASSA, FLORIDA 33771
 VOICE: 813-982-9885
 FAX: 813-982-1206

Eastern Wholesale Fence, Inc. - 274 Middle Island Rd. Medford, NY 11763

REV	BY	DATE
1	CEB	12-01-14

PRODUCT REVISED

is complying with the Florida Building Code

Acceptance No 4209201
Expiration Date 12/09/2013

By  Miami Made Product Control

BILL OF MATERIALS		
ITEM	QTY	PART DESCRIPTION
1	15	0.875"x3" PICKETS
2	1	2"x3.5"x8" TOP RAIL
3	1	2"x6"x8" BOTTOM RAIL
4	15	0.875"x3" DOG EAR CAP
5	4	3" SCREW
6	2	5"x5"x7" HEAVY WALL POSTS

LEAH'S

88

SHEET 8 OF 18
11-29-10

www.IllusionsFence.com

STATE OF FLORIDA
THIS FENCE, ITS VERTICAL SUPPORTS, AND FOUNDATIONS ARE IN COMPLIANCE WITH THE 2010 FLORIDA BUILDING CODE. THIS FENCE WAS TESTED FOR A 75 MPH FASTEST MILE WIND SPEED PER FBC 1615.2.1

DESCRIPTION

Vinyl 4' High Spaced
Picket with Dog Ear Cap

Eastern Wholesale Fence, Inc. - 274 Middle Island Rd. Medford, NY 11763



**Dixon
Engineering, Inc.**

THOMAS A. DIXON, P.E.
LORDA C.O.A. 8195
0410 MAIN STREET
HONOTOSASSA, FLORIDA 33771
VOICE: 813-982-9885
FAX: 813-982-12306
FL# 34222

PVC Material Specifications
 Specification Value
 Standard Tensile Strength PSI 6332
 Standard Tensile Strength PSI 6690
 Weathered Tensile Strength PSI 6690
 Percentage Change +5.6%
 Ratio of Burning 0.0 mm/min
 Smoke Density 63.5
 Self Ignition 380 C

REV	BY	DATE
1	CEB	12-01-14

2"x3.5"x8" USED AS TOP RAIL
 ROUTED TO ACCEPT PICKETS THROUGH

2"x6"x8" WEBBED USED AS BOTTOM RAIL
 ROUTED TO ACCEPT PICKET THROUGH

0.875"x3" USED AS VERTICAL PICKET
 W/GLUED DOG EAR CAP AT THE TOP

3.00

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 14-109-01
 Expiration Date 12/31/2019
 By [Signature]
 Miami Dade Product Control

ITEM	QTY	PART DESCRIPTION
1	15	0.875"x3" PICKETS
2	1	2"x3.5"x8" TOP RAIL
3	1	2"x6"x8" BOTTOM RAIL
4	15	0.875"x3" DOG EAR CAP
5	4	3" SCREW
6	2	5"x5"x7" HEAVY WALL POSTS

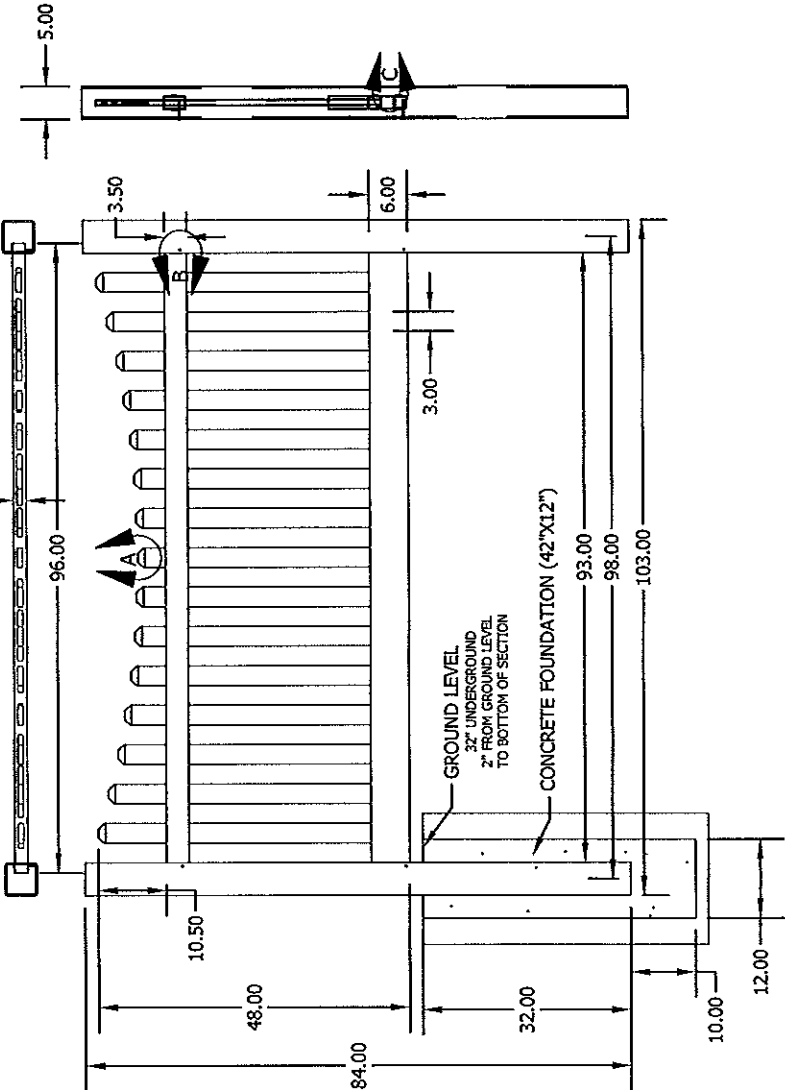
www.IllusionsFence.com

9

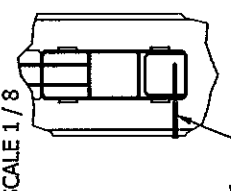
SHEET

11-29-10

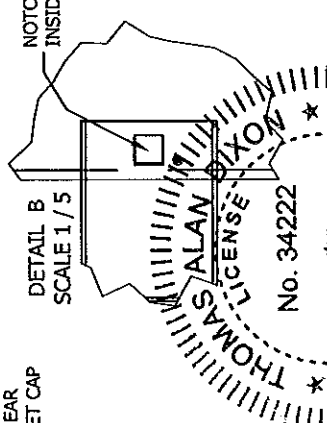
9 OF 18



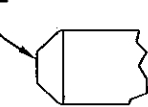
DETAIL C
 SCALE 1/8



DETAIL B
 SCALE 1/5



DETAIL A
 SCALE 1/8



STATE OF THIS FENCE, VERTICAL SUPPORTS, AND FOUNDATIONS ARE IN COMPLIANCE WITH THE 2010 FLORIDA BUILDING CODE. THIS FENCE WAS TESTED FOR A 75 MPH FASTEST MILE WIND SPEED PER FBC 1615.2.1

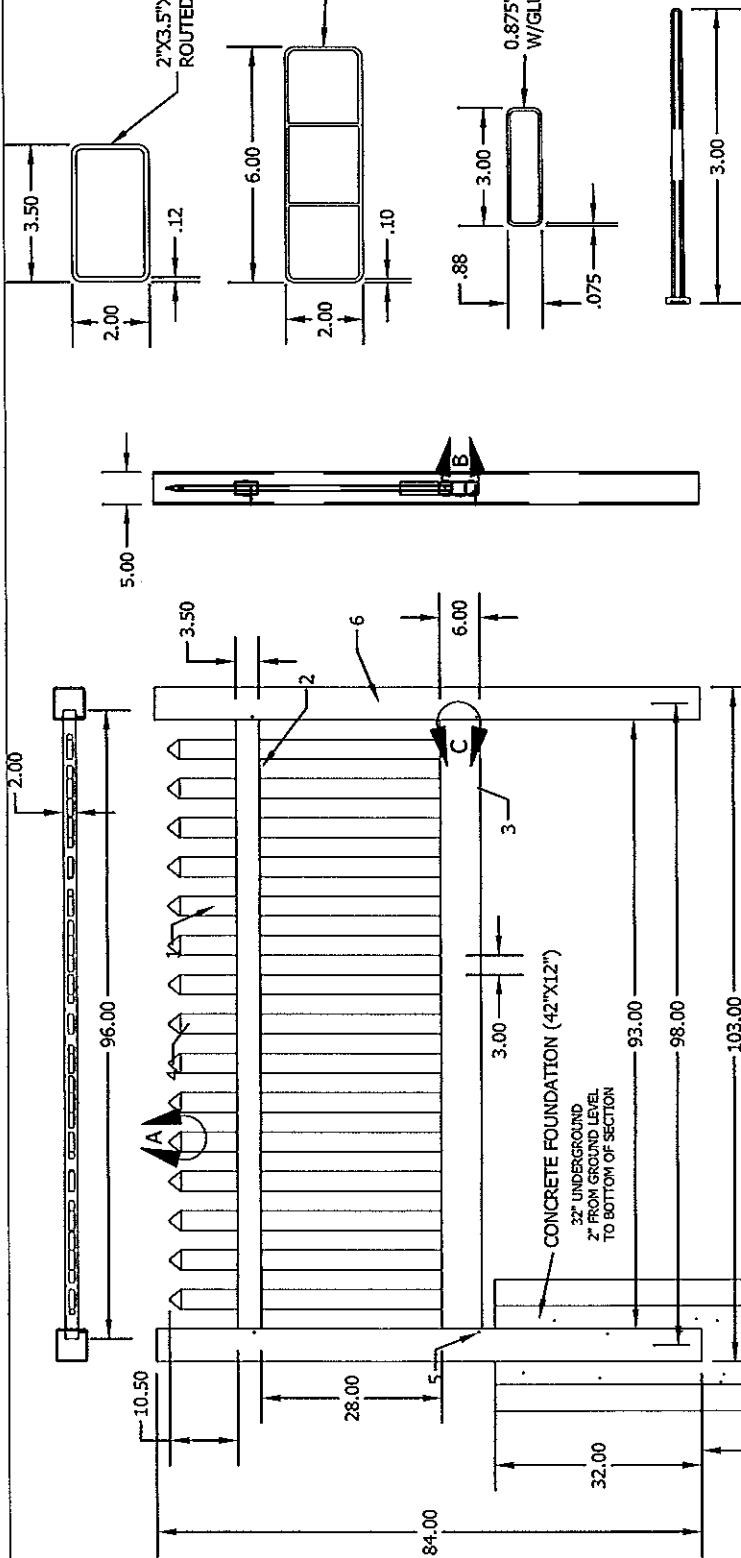
DESCRIPTION

Vinyl 4" High Spaced Picket
 with Dog Ear Scallop

Dixon Engineering, Inc.
 Thomas A. Dixon, P.E.
 Florida C.O.A. 8195
 10410 MAIN STREET
 THONOTOSASSA, FLORIDA 33771
 VOICE: 813-982-9885
 FAX: 813-982-1206

Eastern Wholesale Fence, Inc. - 274 Middle Island Rd. Medford, NY 11763

PVC Material Specifications	Value	ASTM
Control Tensile Strength PST	6233	D-638
Minimum Tensile Strength PST	6690	D-638
Percentage Change	+5.6%	D-638
Rate of Burning	0.0 mm/min	D-635
Smoke Density	63.5	D-2843
Self Ignition	380 C	D-1929



REV	BY	DATE
1	CEB	12-01-14

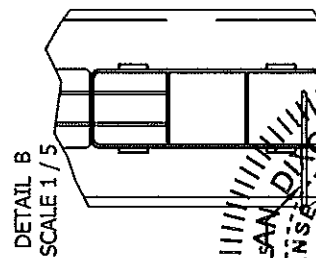
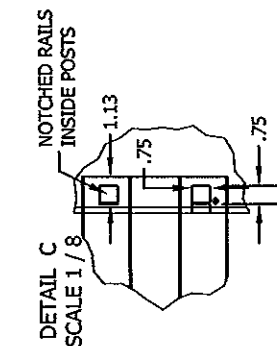
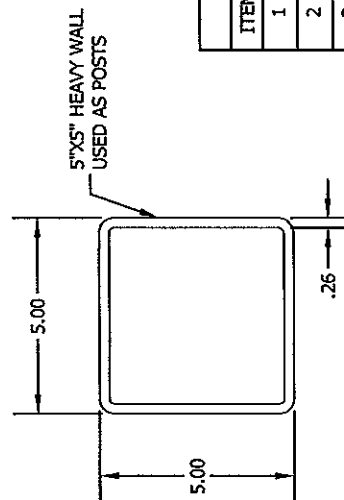
2\"/>

2\"/>

0.875\"/>

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-1009.01
Expiration Date 11/04/2019
By: [Signature]
Miami Fence Product Control

ITEM	QTY	PART DESCRIPTION
1	15	0.875\"/>
2	1	2\"/>
3	1	2\"/>
4	15	0.875\"/>
5	4	3\"/>
6	2	5\"/>



DETAIL A
SCALE 1/8

DETAIL B
SCALE 1/5

SHEET
10
SHEET 10 OF 18
11-29-10



www.IllusionsFence.com

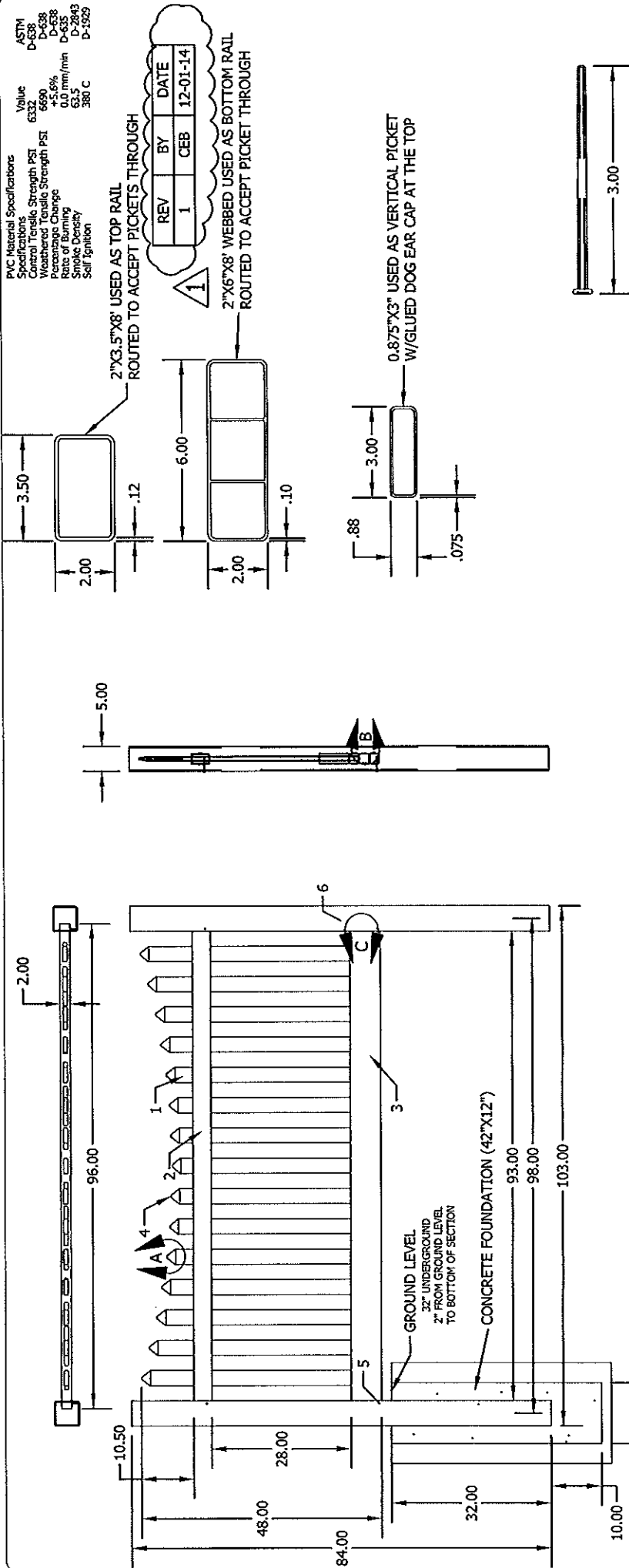
THIS FENCE, VERTICAL SUPPORTS, AND FOUNDATIONS ARE IN COMPLIANCE WITH THE 2010 FLORIDA BUILDING CODE. THIS FENCE WAS TESTED FOR A 75 MPH FASTEST MILE WIND SPEED PER FBC 1615.2.1

DESCRIPTION
Vinyl 4\"/>

Dixon Engineering, Inc.
THOMAS A. DIXON, P.E. FLJ 3422
FLORIDA C.O.A. 8195
10410 MAIN STREET
THORNTON, FLORIDA 33771
VOICE: 813-982-9685
FAX: 813-982-1206

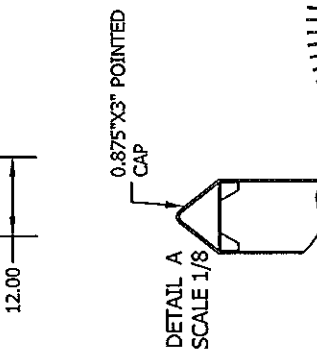
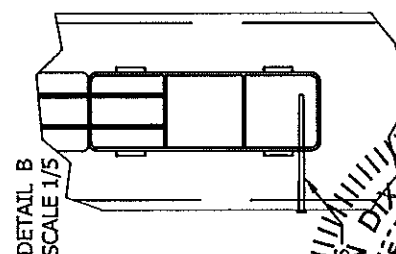
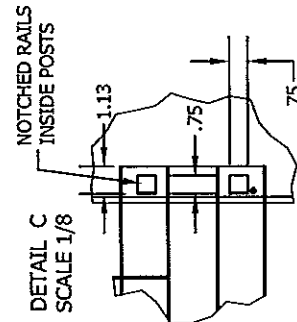
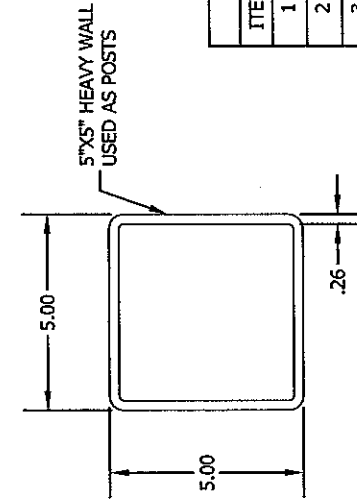
Eastern Wholesale Fence, Inc. - 274 Middle Island Rd. Medford, NY 11763

PVC Material Specifications	Value	ASTM
Specification	6332	D-638
Control Tensile Strength PSI	6690	D-638
Weathered Tensile Strength PSI	+5.6%	D-638
Percentage Change	0.0 mm/in	D-638
Ratio of Burning	63.5	D-2843
Smoke Density	380 C	D-1569
Self Ignition		



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-209-01
Expiration Date 12/01/2019
By *[Signature]*
Miami Trade Product Control

ITEM	QTY	PART DESCRIPTION
1	15	0.875"X3" PICKETS
2	1	2"X3.5"X8" TOP RAIL
3	1	2"X6"X8" BOTTOM RAIL
4	15	0.875"X3" DOG EAR CAP
5	4	3" SCREW
6	2	5"X5"X7" HEAVY WALL POSTS



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SHEET 11 OF 18
11-29-10

www.IllusionsFence.com

Dixon Engineering, Inc.
THOMAS A. DIXON, P.E. FLJ 34222
FLORIDA C.O.A. 8195
10410 MAIN STREET
PHOTOGLOSSA, FLORIDA 33771
VOICE: 813-982-9885
FAX: 813-982-1206

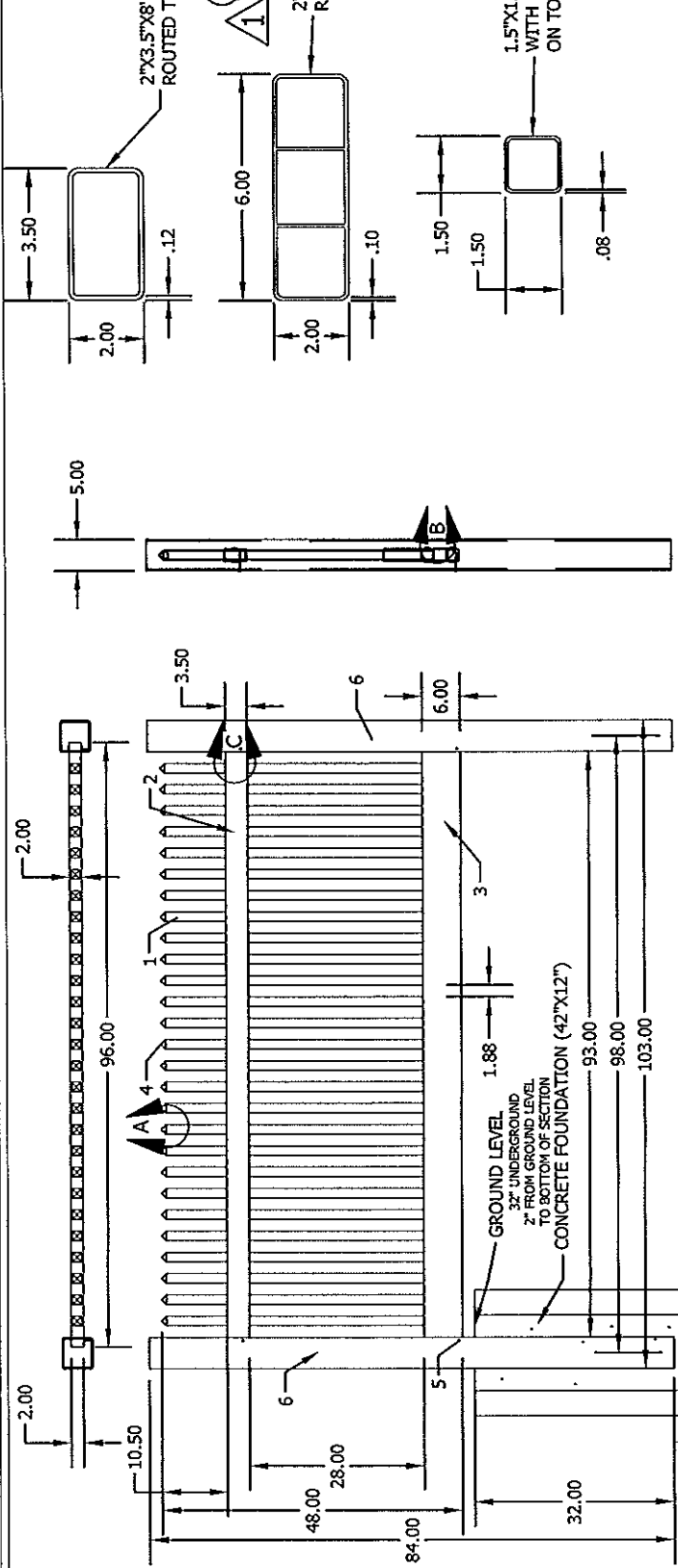
Eastern Wholesale Fence, Inc.
- 274 Middle Island Rd. Medford, NY 11763

THIS FENCE MEETS VERTICAL SUPPORTS, AND FOUNDATIONS ARE IN COMPLIANCE WITH THE 2010 FLORIDA BUILDING CODE. THIS FENCE WAS TESTED FOR A 75 MPH FASTEST MILE WIND SPEED PER FBC 1615.2.1

DESCRIPTION	SCALE
Vinyl 4" High Spaced Picket with Pointed Cap Scallop	1/8"

THOMAS ALAN DIXON
FLORIDA PROFESSIONAL ENGINEER
No. 34222
9/14/02-4TR

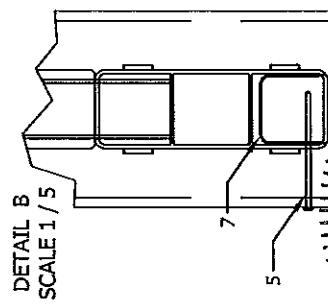
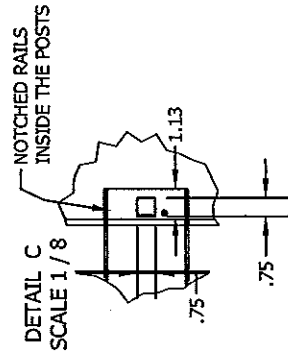
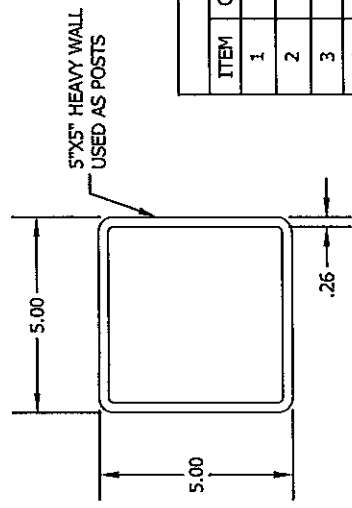
PVC Material Specifications	Value	ASTM
Control Tensile Strength PSI	6320	D-638
Weathered Tensile Strength PSI	4450	D-638
Modulus of Elasticity	94.5 GPa	D-638
Rate of Burning	0.0 mm/min	D-2843
Smoke Density	63.5	D-2843
Self Ignition	380 C	D-1929



REV	BY	DATE
1	CEB	12-01-14

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 14-1709-01
 Expires 12/31/2019
 By: [Signature]
 Miami/Dade Product Control

ITEM	QTY	PART DESCRIPTION
1	27	1.5"x1.5" PICKETS
2	1	2"x3.5"x8" TOP RAIL
3	1	2"x6"x8" BOTTOM RAIL
4	27	1.5"x1.5" PYRAMID CAP
5	4	3" SCREW
6	2	5"x5"x7" HEAVY WALL POSTS



THIS FENCE IS IN COMPLIANCE WITH THE 2010 FLORIDA BUILDING CODE. THIS FENCE WAS TESTED FOR A 75 MPH FASTEST MILE WIND SPEED PER FBC 1615.2.1

Dixon Engineering, Inc.
 Thomas A. Dixon, P.E.
 Florida C.O.A. 8195
 10410 MAIN STREET
 THONOTOSASSA, FLORIDA 33771
 VOICE: 813-982-9885
 FAX: 813-982-1206

STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 No. 34322
 07/18/04

DESCRIPTION
 Vinyl 4" High Victorian Straight
 Top with Pyramid Cap

www.IllusionsFence.com

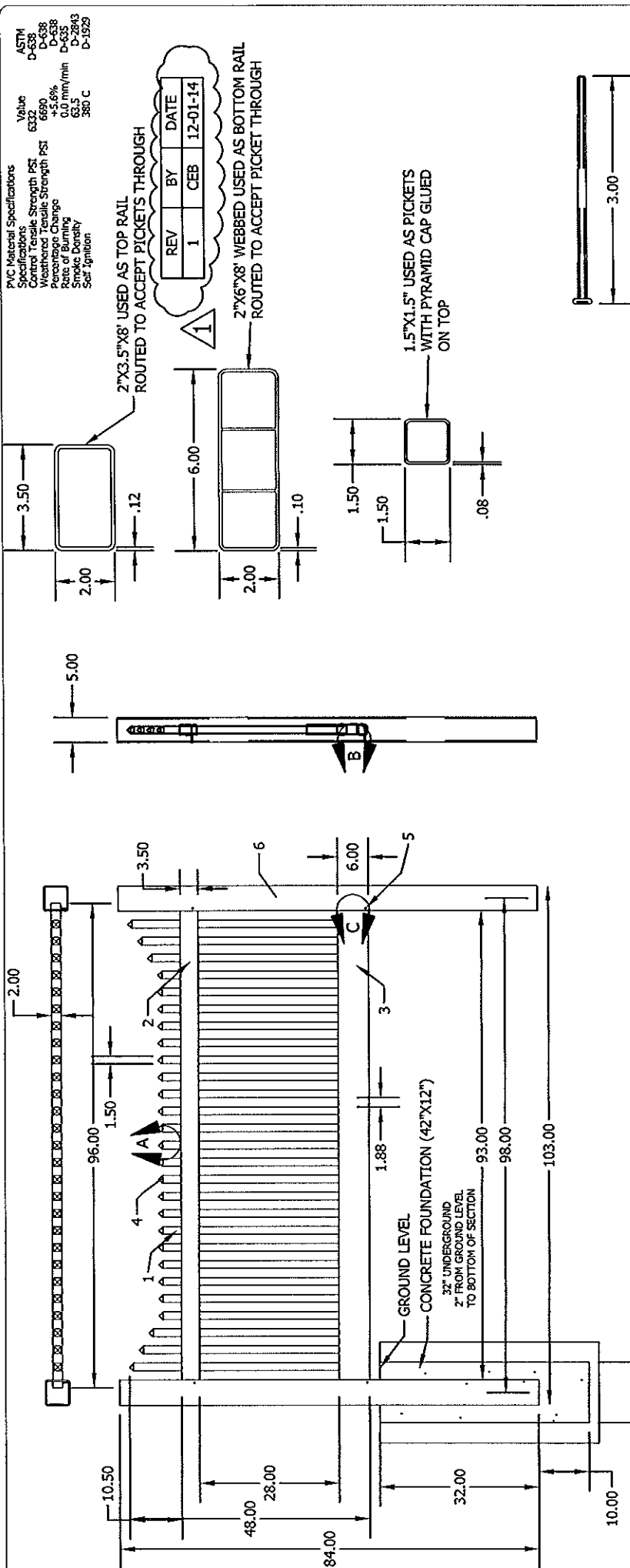
SHEET 12

SHEET 12 OF 18

11-29-10

Eastern Wholesale Fence, Inc. - 274 Middle Island Rd. Medford, NY 11763

PVC Material Specifications	Value	ASTM
Standard Specification	D-632	D-632
Control Tensile Strength PSI	6690	D-638
Weathered Tensile Strength PSI	+5.6%	D-638
Percentage Change	0.0 mm/min	D-635
Rate of Burning	63.5	D-2843
Smoke Density	380 C	D-1929
Self Ignition		



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-1209-01
Expiration Date: 12/09/2019
By: [Signature]
Miami Code Product Control

ITEM	QTY	PART DESCRIPTION
1	27	1.5"X1.5" PICKETS
2	1	2"X3.5"X8' TOP RAIL
3	1	2"X6"X8' BOTTOM RAIL
4	27	1.5"X1.5" PYRAMID CAP
5	4	3" SCREW
6	2	5"X5"X7' HEAVY WALL POSTS

Illusions
VINYL FENCE

www.IllusionsFence.com

13
SHEET

SHEET 13 OF 18
11-29-10

THIS FENCE, ITS VERTICAL SUPPORTS, AND FOUNDATIONS ARE IN COMPLIANCE WITH THE 2010 FLORIDA BUILDING CODE. THIS FENCE WAS TESTED FOR A 75 MPH FASTEST MILE WIND SPEED PER FBC 1615.2.1

DESCRIPTION

Vinyl 4' High Victorian Stepped
Top with Pyramid Cap

STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 34222
THOMAS ALAN DIXON
Dixon Engineering, Inc.
THOMAS A. DIXON, P.E.
FLORIDA C.O.A. 8195
10410 MAIN STREET
THONOTOSASSA, FLORIDA 33771
VOICE: 813-982-9885
FAX: 813-982-1206

Eastern Wholesale Fence, Inc. - 274 Middle Island Rd. Medford, NY 11763

WIND TEST FOR ILLUSIONS FENCE 6202

REV	BY	DATE
1	CEB	12-01-14

2"X3.5"X8' USED AS TOP RAIL
ROUTED TO ACCEPT PICKETS THROUGH

2"x6"x8' WEBBED USED AS BOTTOM RAIL
ROUTED TO ACCEPT PICKET THROUGH

1.5"X1.5" USED AS PICKETS
WITH PYRAMID CAP GLUED
ON TOP

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-1209.01
Expiring Date 12/04/2019
By *[Signature]*
Miami Dade Product Control

BILL OF MATERIALS		
ITEM	QTY	PART DESCRIPTION
1	27	1.5"x1.5" PICKETS
2	1	2"x3.5"x8" TOP RAIL
3	1	2"x6"x8" BOTTOM RAIL
4	27	1.5"x1.5" PYRAMID CAP
5	4	3" SCREW
6	2	5"x5"x7" HEAVY WALL POSTS

三

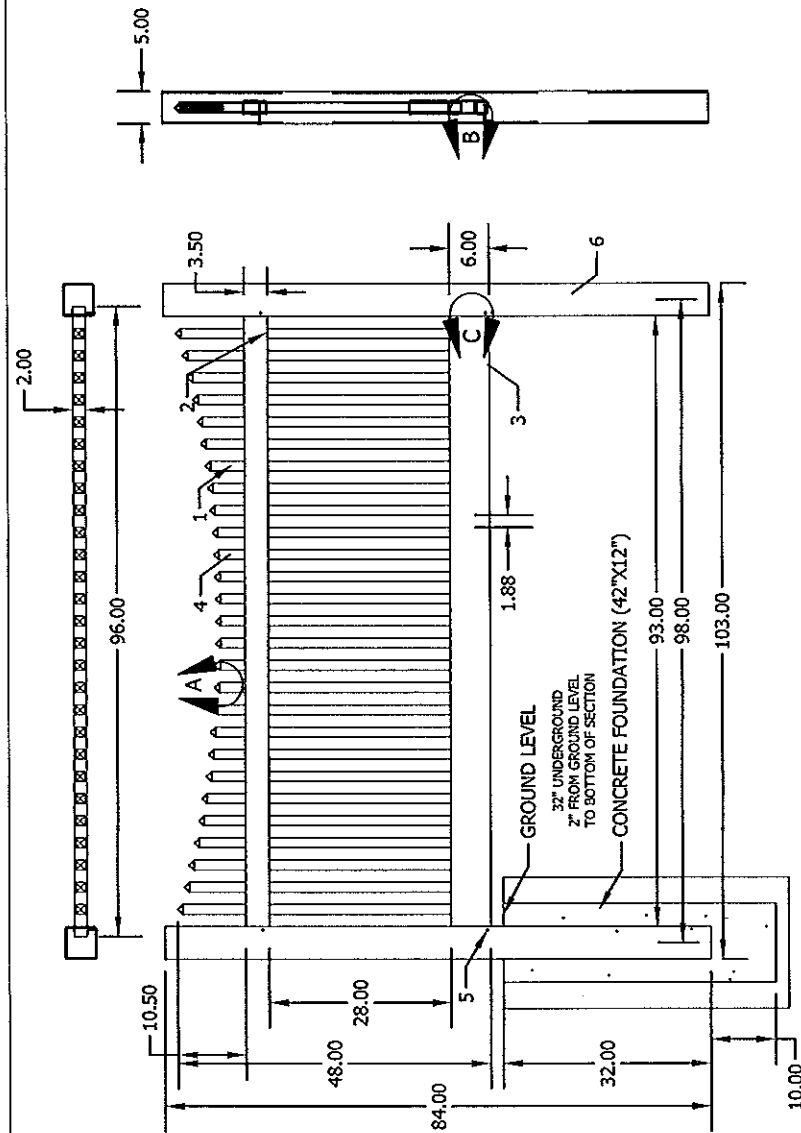
41

SHEET 14 OF 18
11-29-10

Illusions

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Eastern Wholesale Fence, Inc. - 274 Middle Island Rd. Medford, NY 11763



DETAIL B
SCALE 1/5"

DETAIL C

**NOTCHED RAILS
INSIDE POSTS**

DETAIL A
1.5"X1.5" PYRAMID CAP
SCALE 1/8"

THIS FENCE, ITS VERTICAL SUPPORTS, AND FOUNDATIONS ARE IN COMPLIANCE WITH THE 2010 FLORIDA BUILDING CODE. THIS FENCE WAS TESTED FOR A 75 MPH EASTEST MILE WIND SPEED PER FBC 1615.2.1

DESCRIPTION

Vinyl 4' High Victorian Scalloped Top
with Pyramid Cap

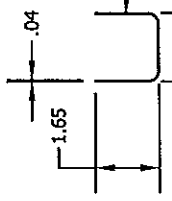
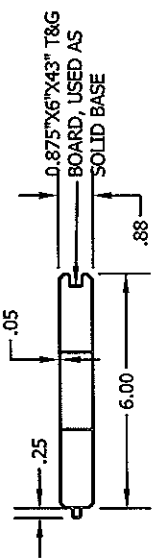
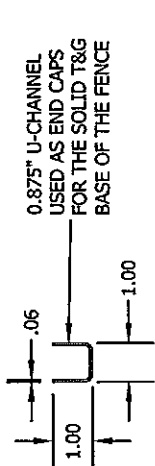
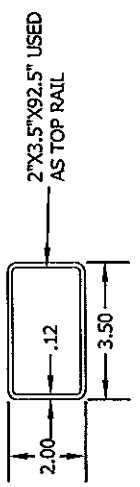
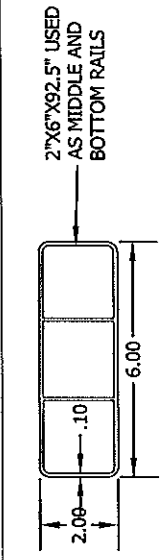
Dixon
Engineering, Inc.
10000 North 15th Avenue, Suite 100, Fort Lauderdale, FL 33305
Phone: (305) 555-1234

THOMAS A. DIXON, P.E.
FLORIDA C.O.A. 8195
0410 MAIN STREET
PHOTOMOSSA, FLORIDA 33771
VOICE: 813-982-9885
FAX: 813-982-1296

PVC Material Specifications

Specification	Value	ASTM
General Tensile Strength PSI	6320	D-638
Yield Tensile Strength PSI	6600	D-638
Percentage Elongation	+5.6%	D-638
Rate of Burning	0.0 mm/min	D-635
Smoke Density	63.5	D-2843
Self Ignition	380.0	D-1929

REV	BY	DATE
1	CEB	12-01-14

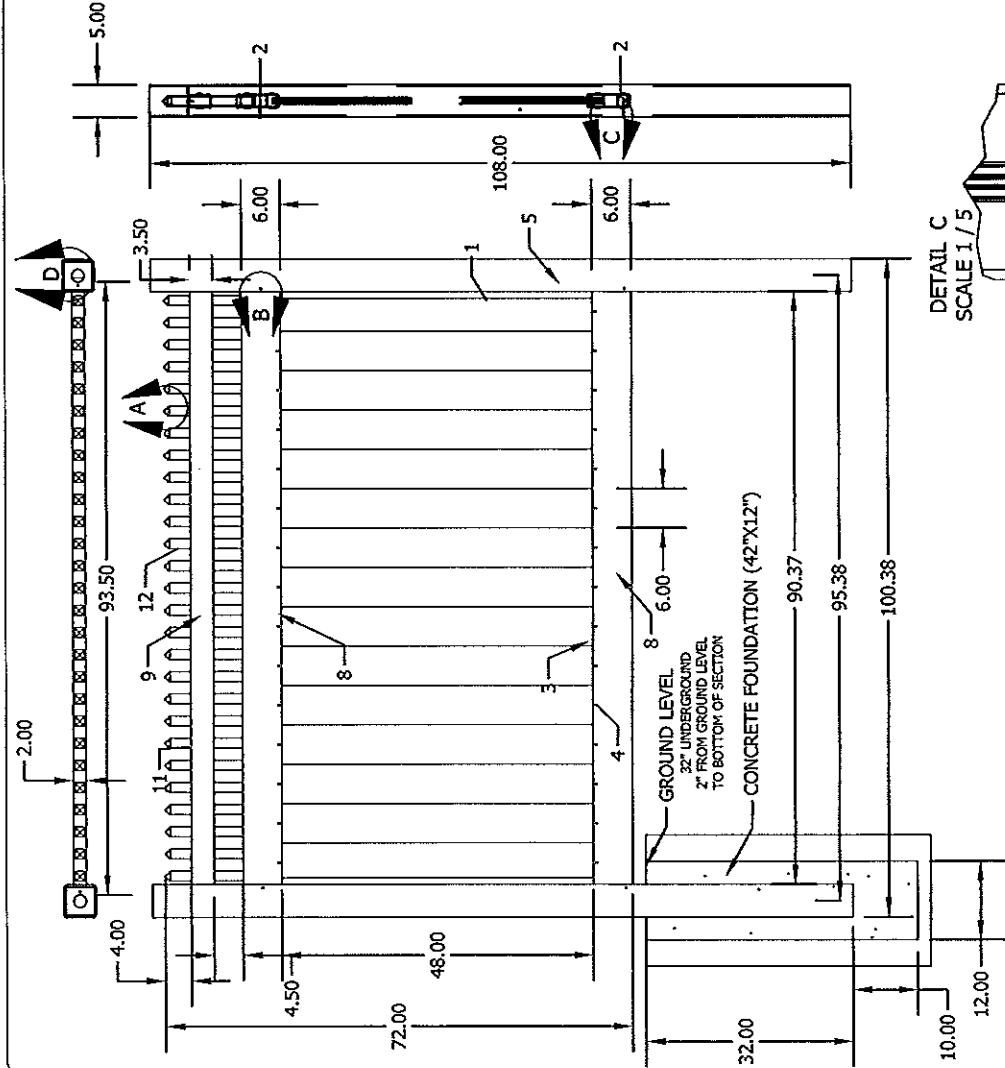
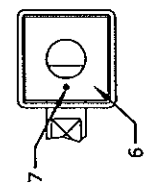


ITEM	QTY	PART DESCRIPTION
1	2	0.875" U-CHANNEL
2	2	GALV. U-CHANNEL FOR 2X6 RAIL
3	15	51" T&G BOARD
4	30	0.75" SCREW
5	2	5"x5"x9" HEAVY WALL POST
6	2	POST INSERT
7	2	1" SCREW
8	2	2"x6"x93.5 RAILS
9	1	2"x3.5"x93.5" AS TOP RAIL
10	4	3" SCREW
11	27	1.5"x1.5" PICKETS
12	27	1.5"x1.5" PYRAMID CAPS

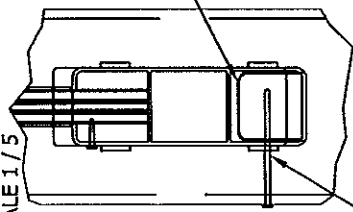
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 14-1209.01
 Expiration Date 12/09/2019

By *[Signature]*
 Miami Date Product Control

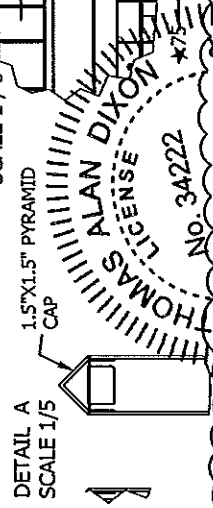
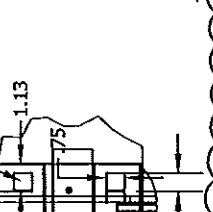
DETAIL D
 SCALE 1/10



DETAIL C
 SCALE 1/5



DETAIL B
 SCALE 1/8



THIS FENCE, ITS VERTICAL SUPPORTS, AND FOUNDATIONS ARE IN COMPLIANCE WITH THE 2010 FLORIDA BUILDING CODE. THIS FENCE WAS TESTED FOR A 75 MPH FASTEST MILE WIND SPEED PER FBC 1615.2.1

STATE OF FLORIDA
PROFESSIONAL ENGINEER
THOMAS ALAN DIXON, P.E.
 License No. 34222
 R# 34222
 THOMAS A. DIXON, P.E.
 FLORIDA C.O.A. 8195
 10410 MAIN STREET
 THONOTOSASSA, FLORIDA 33771
 VOICE: 813-982-9685
 FAX: 813-982-12306

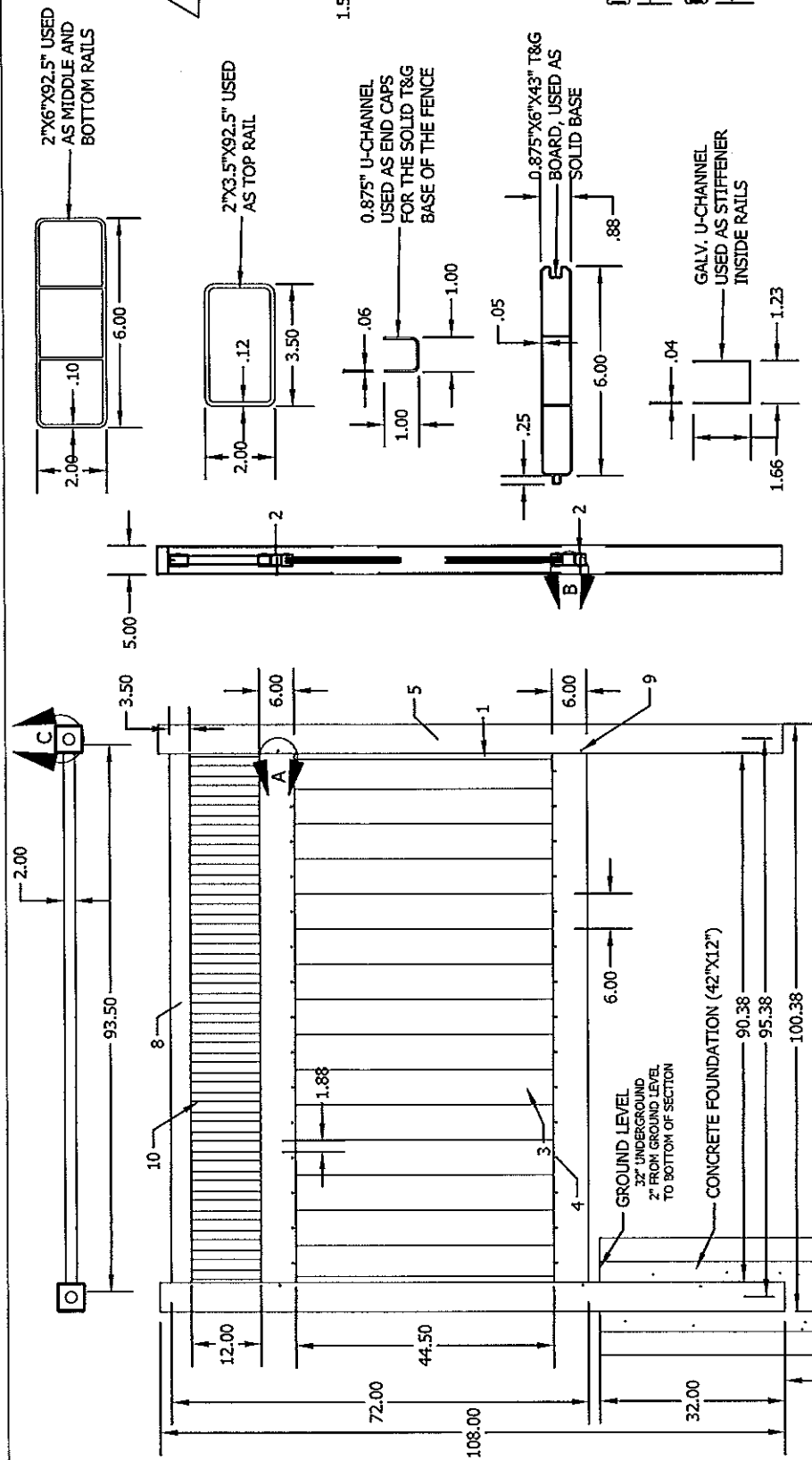
DESCRIPTION
 Vinyl 6' High Tongue & Groove with Victorian Straight Top

Illusions
 VINYL FENCING

www.IllusionsFence.com

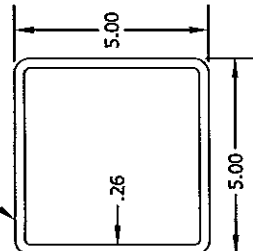
PVC Material Specifications
 Specification Value
 Control Tensile Strength PSI 6332
 Weathered Tensile Strength PSI 6690
 Percentage Change +5.6%
 Rate of Burning 0.0 mm/min
 Smoke Density D-635
 Self Ignition D-2843
 380 C

REV	BY	DATE
1	CEB	12-01-14

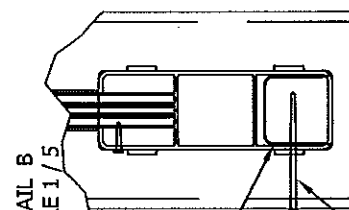


ITEM	QTY	PART DESCRIPTION
1	2	0.875\" U-CHANNEL
2	2	GALV. U-CHANNEL FOR 2X6 RAIL
3	15	47.75\" T&G BOARD
4	32	0.75\" SCREW
5	2	5\"X5\"X9\" HEAVY WALL POST
6	2	POST INSERT
7	2	2\"X6\"X93.5 RAILS
8	1	2\"X3.5\"X93.5\" AS TOP RAIL
9	4	3\" SCREW
10	27	1.5\"X1.5\" PICKETS

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 14-1209.01
 Expiration Date 12/07/2019
 By Miami Duke Product Control

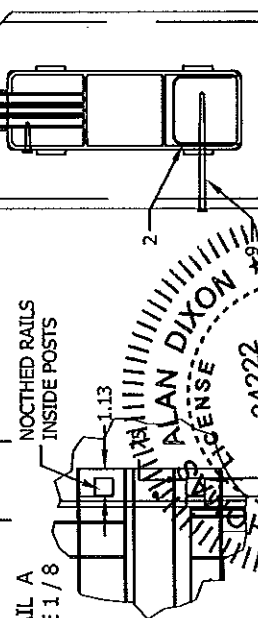


DETAIL C
 SCALE 1/10



DETAIL B
 SCALE 1/5

DETAIL A
 SCALE 1/8



THIS FENCE, ITS VERTICAL SUPPORTS, AND FOUNDATIONS ARE IN COMPLIANCE WITH THE 2010 FLORIDA BUILDING CODE. THIS FENCE WAS TESTED FOR A 75 MPH FASTEST MILE WIND SPEED PER FBC 1615.2.1

STATE OF FLORIDA
 ENGINEER
 ALAN DIXON
 NO. 34222
 THOMAS A. DIXON, P.E.
 FLORIDA C.O.A. 8159
 1010 MAIN STREET
 THONOTOSASSA, FLORIDA 33771
 VOICE: 813-982-9885
 FAX: 813-982-1206

STYLE# V3701-6

DESCRIPTION
 Vinyl 6\" High Tongue and
 groove with Victorian
 Framed top



www.IllusionsFence.com

SHEET

16

SHEET 16 OF 18
 11-29-10

Eastern Wholesale Fence, Inc. - 274 Middle Island Rd. Medford, NY 11763

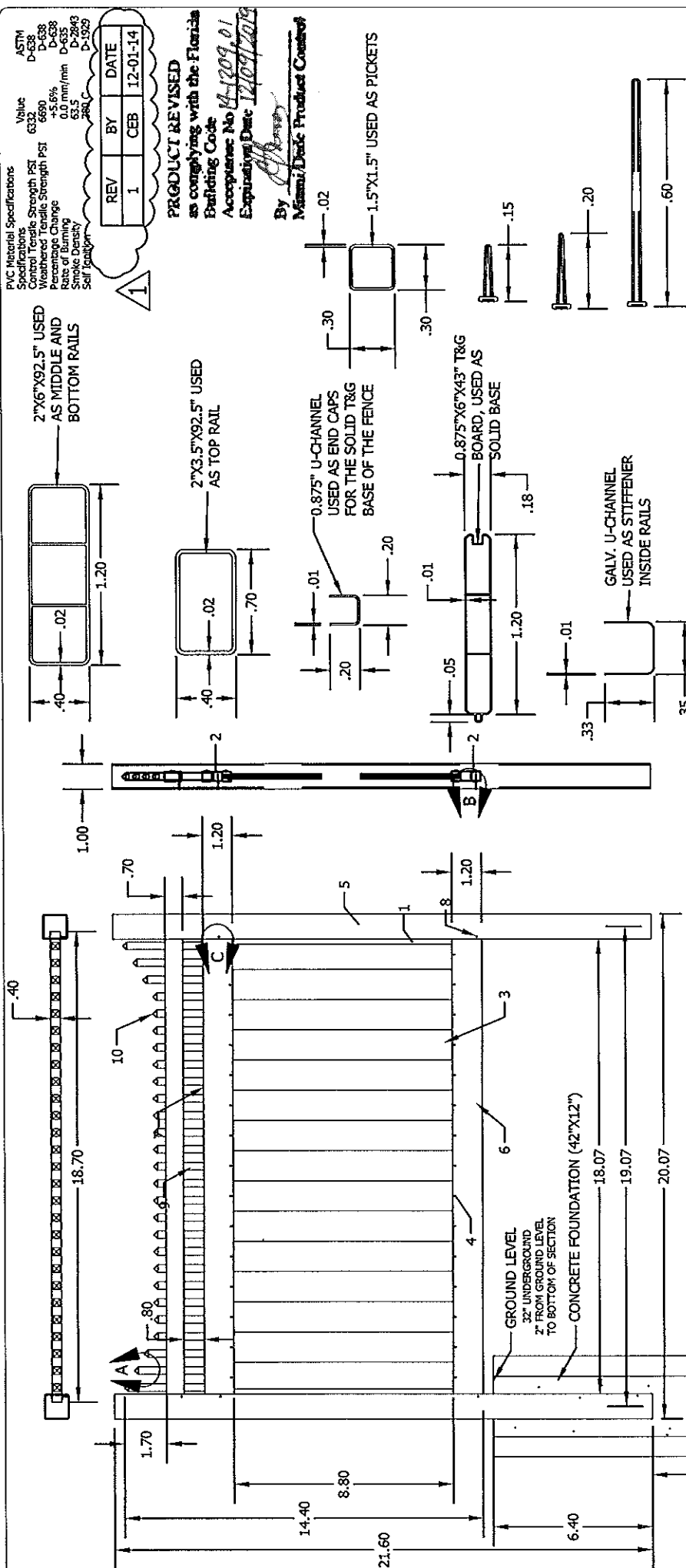
WIND TEST: 0.08 ILLUSIONS FENCE 0200

PVC Material Specifications	Value	ASTM
Specified Tensile Strength PSI	6332	D-638
Weathered Tensile Strength PSI	6690	D-638
Percentage Change	+5.6%	D-638
Rate of Burning	0.0 mm/min	D-2843
Smoke Density	63.5	D-2843
Self Ignition	380°C	D-1929

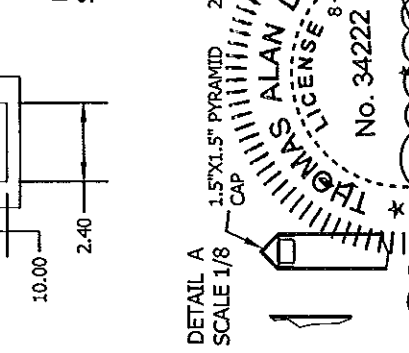
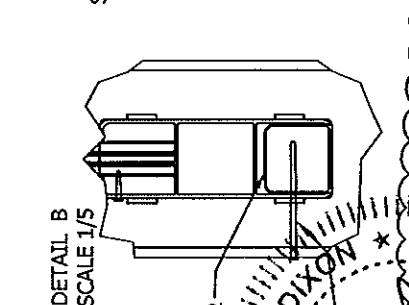
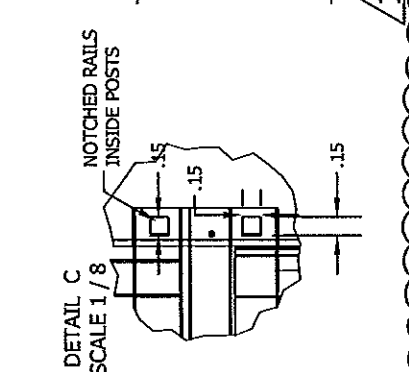
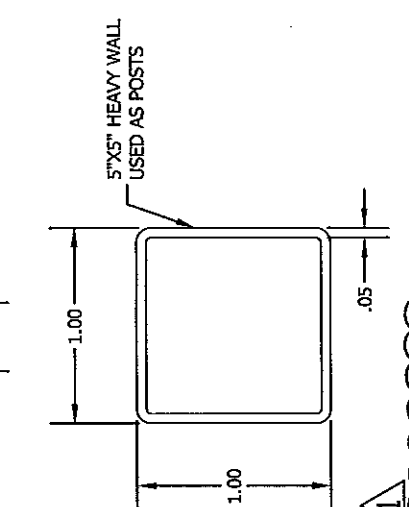
REV	BY	DATE
1	CEB	12-01-14

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-1209.01
Expiration Date 12/04/2019

By *[Signature]*
Miami/Dade Product Control



ITEM	QTY	PART DESCRIPTION
1	2	0.875" U-CHANNEL
2	2	GALV. U-CHANNEL FOR 2X6 RAIL
3	15	47.75" T&G BOARD
4	30	0.75" SCREW
5	2	5"X5" HEAVY WALL POST
6	2	2"X6"X93.5 RAILS
7	1	2"X3.5"X93.5" AS TOP RAIL
8	6	3" SCREW
9	27	1.5"X1.5" PICKETS
10	27	1.5"X1.5" PYRAMID CAP



SHEET

17

SHEET 17 OF 18

11-29-10

Illusions
VINYL FENCE

www.IllusionsFence.com

THIS FENCE, ITS VERTICAL SUPPORTS, AND FOUNDATIONS ARE IN COMPLIANCE WITH THE 2010 FLORIDA BUILDING CODE. THIS FENCE WAS TESTED FOR A 75 MPH FASTEST MILE WIND SPEED PER FBC 1615.2.1

STYLE#

V3706-6

DESCRIPTION

Vinyl 6' High Tongue & Groove with Victorian Stepped Top

STATE OF FLORIDA

PROFESSIONAL ENGINEER

THOMAS ALAN DIXON

No. 34222

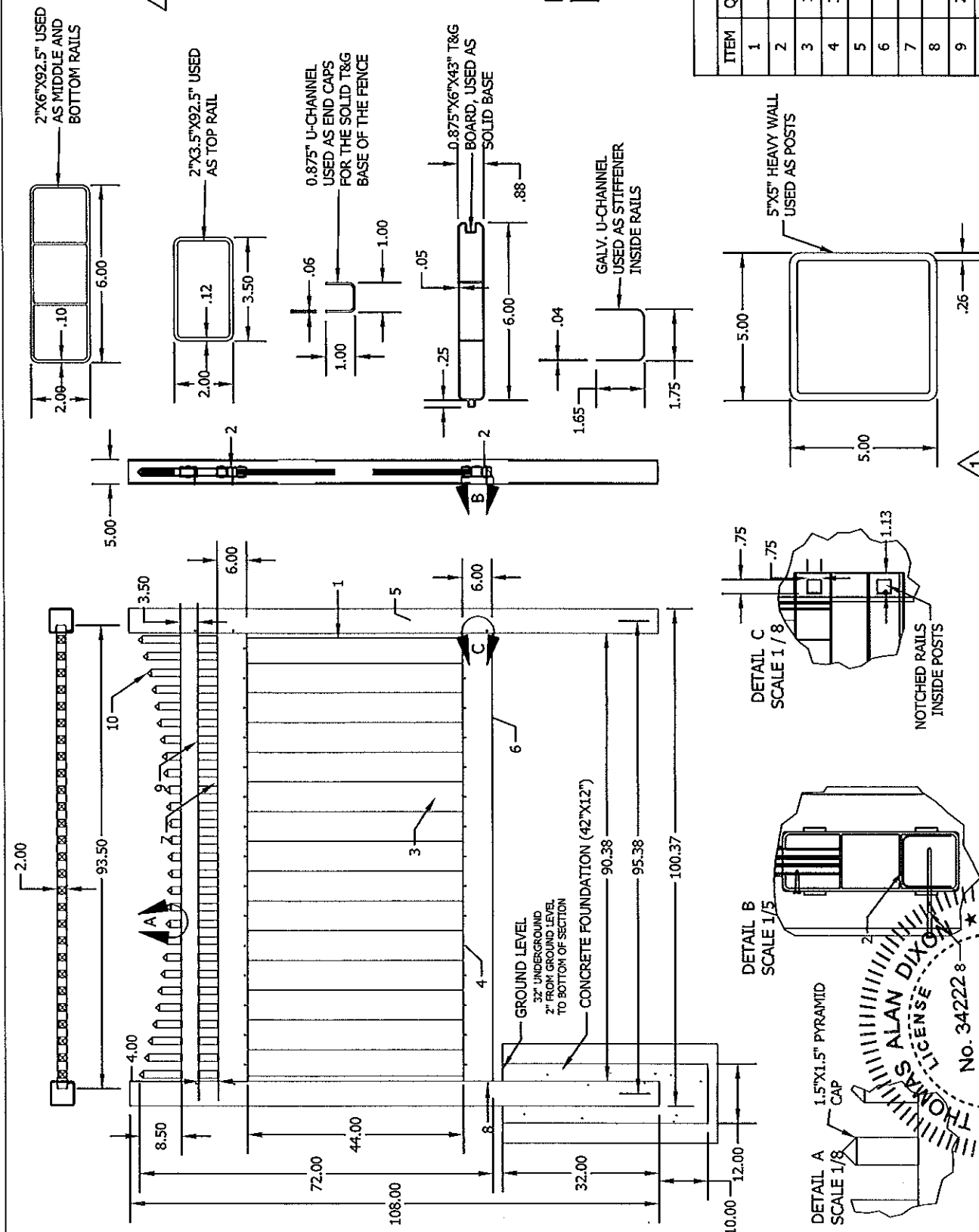
Eastern Wholesale Fence, Inc. - 274 Middle Island Rd. Medford, NY 11763

THOMAS A. DIXON, P.E.
FLORIDA C.O.A. 8195
10410 MAIN STREET
THOMASVILLE, FLORIDA 33771
VOICE: 813-982-9885
FAX: 813-982-1206

ASTM
Specification
Value
Control Tensile Strength PSI
D-638
6332
Weathered Tensile Strength PSI
D-638
5690
Percentage Change
D-638
+5.6%
Rate of Burning
D-635
0.0 mm/min
Smoke Density
D-2843
63.5
Self Ignition
D-1929
380 C

REV	BY	DATE
1	CEB	12-01-14

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-209-01
Expiration Date 12/01/2019
By *[Signature]*
Miami, Drake Product Control



ITEM	QTY	PART DESCRIPTION
1	2	0.875\"/>

ASTM
Specification
Value
Control Tensile Strength PSI
D-638
6332
Weathered Tensile Strength PSI
D-638
5690
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SHEET
18
SHEET 18 OF 18
11-29-10

Illusions
VINYL FENCE

www.IllusionsFence.com

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STATE OF FLORIDA
PROFESSIONAL ENGINEER
THOMAS ALAN DIXON
No. 34222-8
12/15/19

STYLE#
V3707-6

DESCRIPTION
Vinyl 6\"/>

Eastern Wholesale Fence, Inc. - 274 Middle Island Rd. Medford, NY 11763