



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES
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/building

NOTICE OF ACCEPTANCE (NOA)

Certain Teed Corporation
231 Ship Canal Parkway
Buffalo, New York 14218

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. 12-048, titled "Fence Columbia, Imperial and Chesterfield Models", sheets 1 through 8 of 8, prepared by EngCo, Inc., dated March 02, 2012, signed and sealed by Pedro De Figueiredo, P.E., on April 14, 2012, 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 consists of this page 1, evidence submitted page E-1 as well as approval document mentioned above. The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



Helmy A. Makar
08/30/2012

NOA No. 11-1028.05
Expiration Date: 03/13/2013
Approval Date: 08/30/2012
Page 1

Certain Teed Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 06-1019.01

A. DRAWINGS

1. *Drawing No. 07-315, titled " Fence Columbia, Imperial and Chesterfield Models ", sheets 1 through 8 of 8, prepared by EngCo, Inc., dated October 18, 2007, signed and sealed by Pedro De Figueiredo, P.E.*

B. TESTS

1. *Test report on Uniform Static Air Pressure Test, prepared by Architectural Testing, Report # 58086.01-119-18, dated June 26, 2006, signed and sealed by Joseph A. Reed, P.E.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *Manufacturer Specification Drawings.*

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. 12-048, titled "Fence Columbia, Imperial and Chesterfield Models", sheets 1 through 8 of 8, prepared by EngCo, Inc., dated March 02, 2012, signed and sealed by Pedro De Figueiredo, P.E., on April 14, 2012.*

B. TESTS

1. *None.*

C. CALCULATIONS

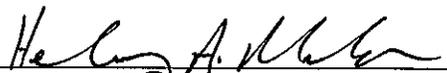
1. *New Post Calculation based on FBC 2010, dated April 09, 2012, signed and sealed by Pedro De Figueiredo, P.E.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

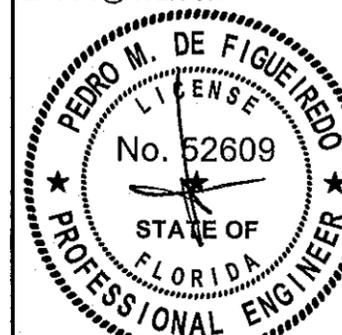
1. *None.*



Henry A. Makar, P.E., M.S.
Product Control Unit Supervisor
NOA No. 11-1028.05
Expiration Date: 03/13/2013
Approval Date: 08/30/2012

PRODUCT:
Fence
 COLUMBIA, IMPERIAL AND
 CHESTERFIELD MODELS

Engineering:
EngCo Inc.
 CA 8116
 5595 Orange Dr. 201
 Davie, Fl. 33314
 Tel.: (954) 585-0304
 ENGCO@AOL.COM



APR 14 2012
 Engineer Seal
 Pedro De Figueiredo
 PE 52609

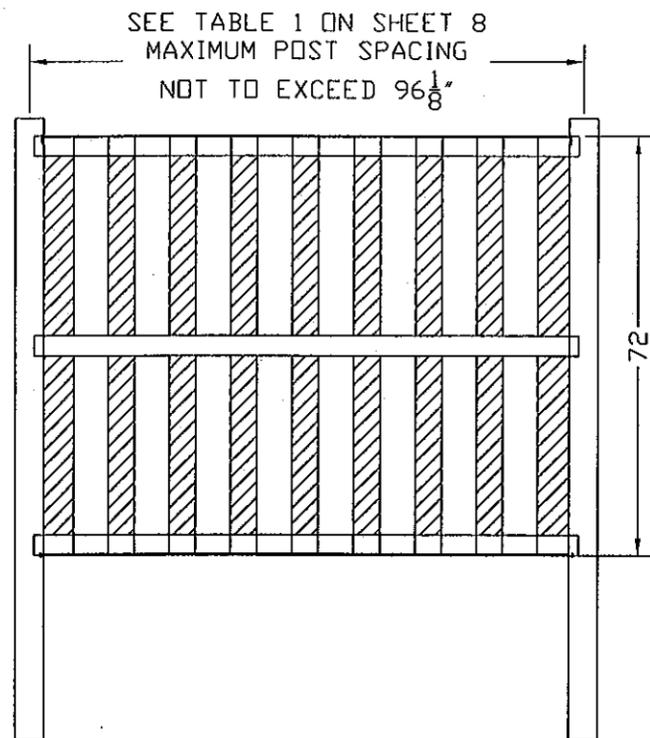
PRODUCT CONTROL DIVISION:

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 11-1028.05
 Expiration Date 03/13/2013
 By *Heather A. Miller*
 Miami Dade Product Control

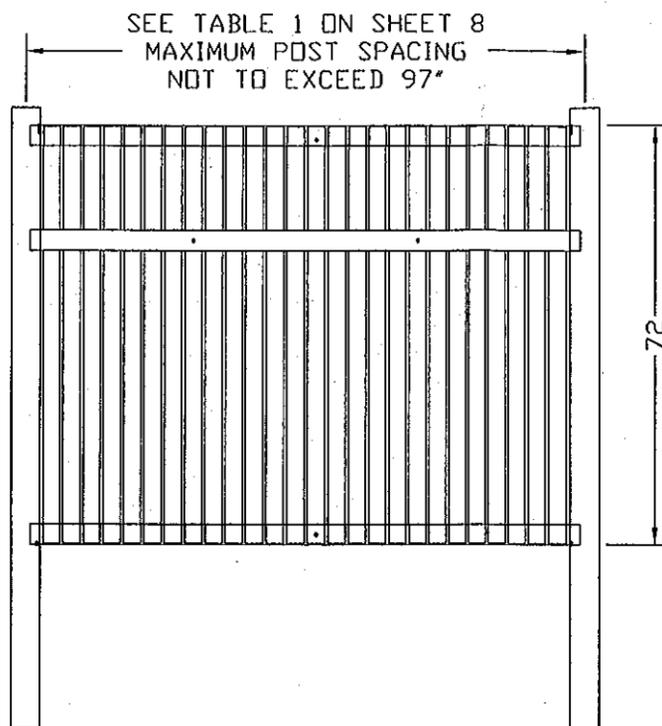
Date: 03/02/12
 Scale: NA
 Design by: PPMF

Drawing Number
12-048

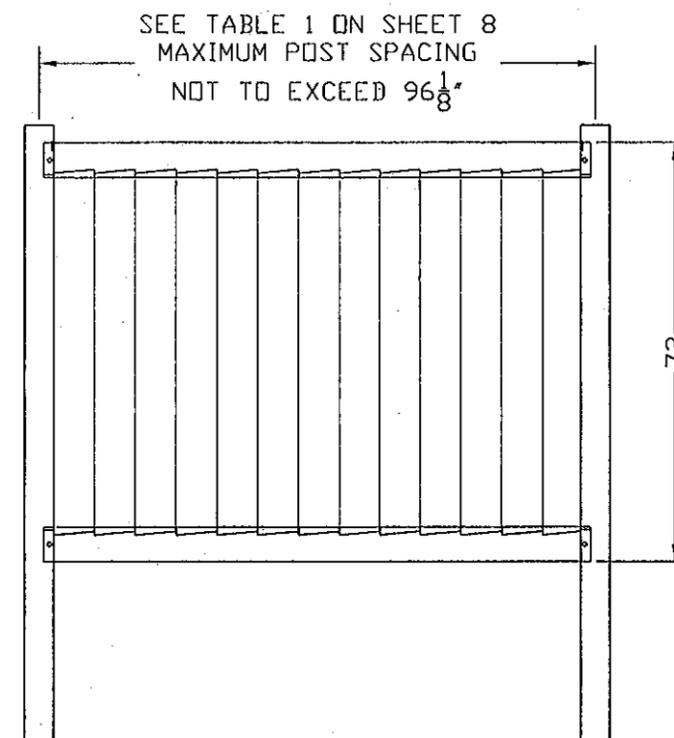
Sheet
1 of 8



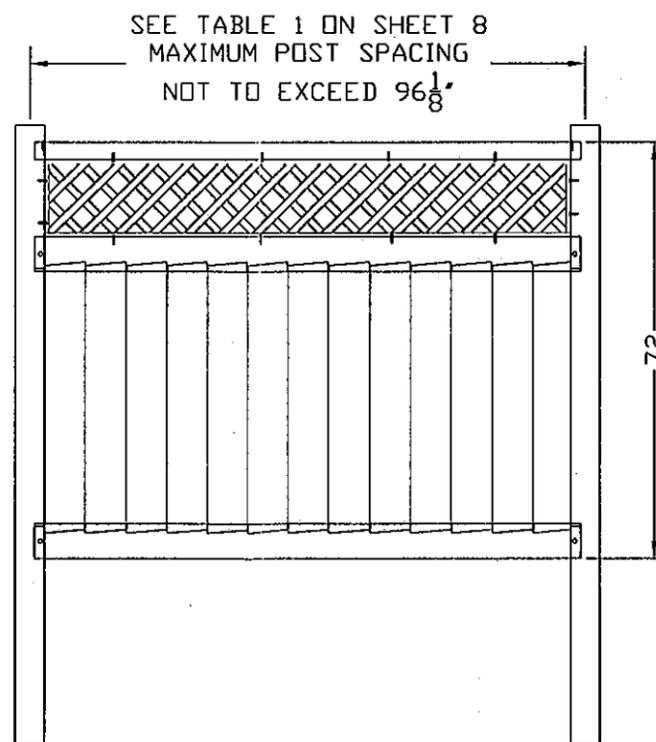
SEMI-PRIVACY MODEL: COLUMBIA
 SHEET: 2 of 8



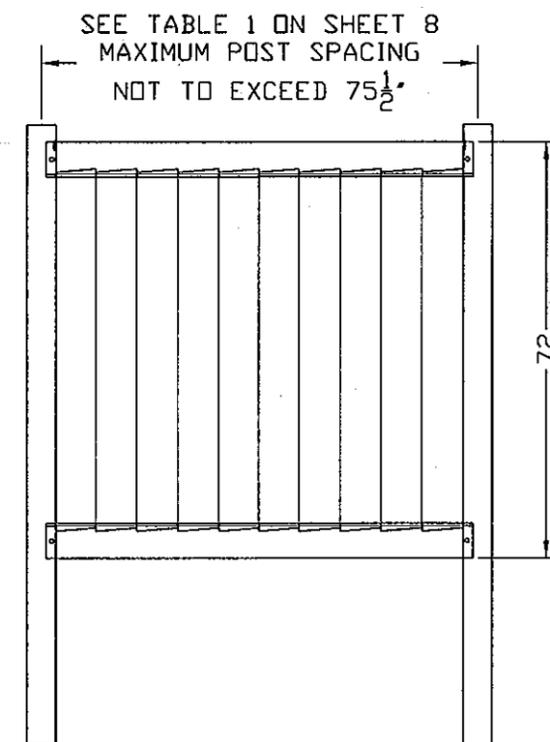
SEMI-PRIVACY MODEL: IMPERIAL
 SHEET: 3 of 8



PRIVACY MODEL: CHESTERFIELD
 SHEET: 4 of 8



PRIVACY MODEL: CHESTERFIELD W/
 LATTICE
 SHEET: 5 of 8



PRIVACY MODEL: CHESTERFIELD
 SHEET: 6 of 8

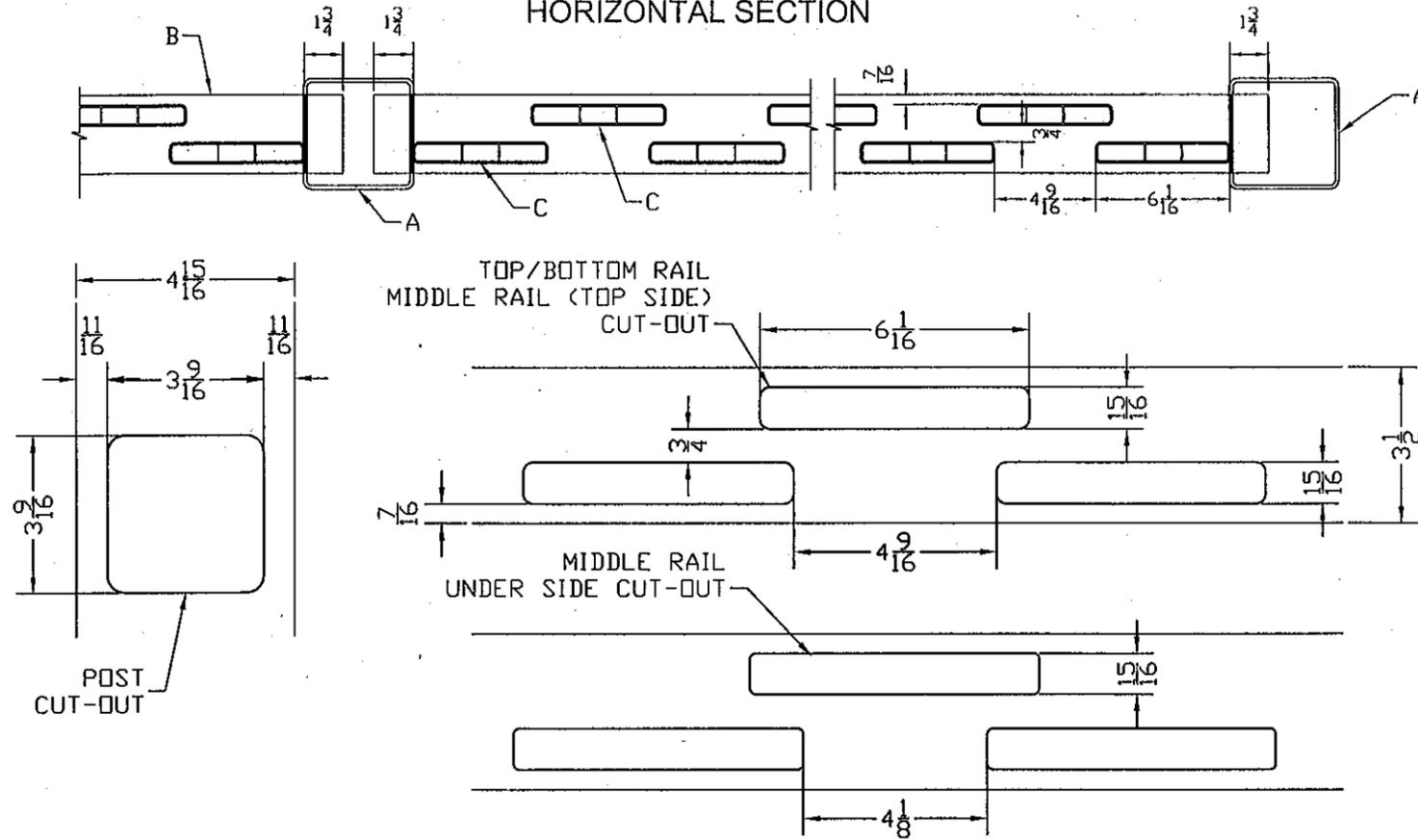
GENERAL NOTES:

- 1- CODE: THIS PRODUCT HAS BEEN TESTED AND DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2010 (HVHZ) EDITION INCLUDING THE HIGH VELOCITY HURRICANE ZONES.
- 2- DEFINITION: THIS FENCE AND ITS SUPPORTS ARE DESIGNED FOR 75 MPH FASTEST MILE WIND SPEED OR 115 MPH (ULTIMATE 3 SEC. GUST).
- 3- POSTING:
 "CERTAINTEED CORPORATION
 BUFFALO - NEW YORK
 MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED"
- 4- MATERIAL:
 4.1- ALL PVC MATERIAL ARE TO BE IN COMPLIANCE WITH ASTM G155, ASTM D638, ASTM D1929, ASTM D2843 AND ASTM D635.
 4.2- ALL ALUMINUM PARTS TO BE 6063-T6 OR AS INDICATED ON THIS APPROVAL.
- 5- FASTENERS: ASSEMBLY SCREWS AND ANCHORS SHALL BE AS SPECIFIED IN THIS CURRENT SET OF DRAWINGS.
- 6- USE: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, ARCHITECT OR ENGINEER OF RECORD TO VERIFY THE FOLLOWING:
 6.1- THE SITE SPECIFIC PROJECT CRITERIA, SUCH AS BUT NOT LIMITED TO, LOCAL CODE REQUIREMENTS, PRODUCT RATING ETC.
 6.2- THAT THIS APPROVAL IS ADEQUATE TO THE SPECIFIC PROJECT.

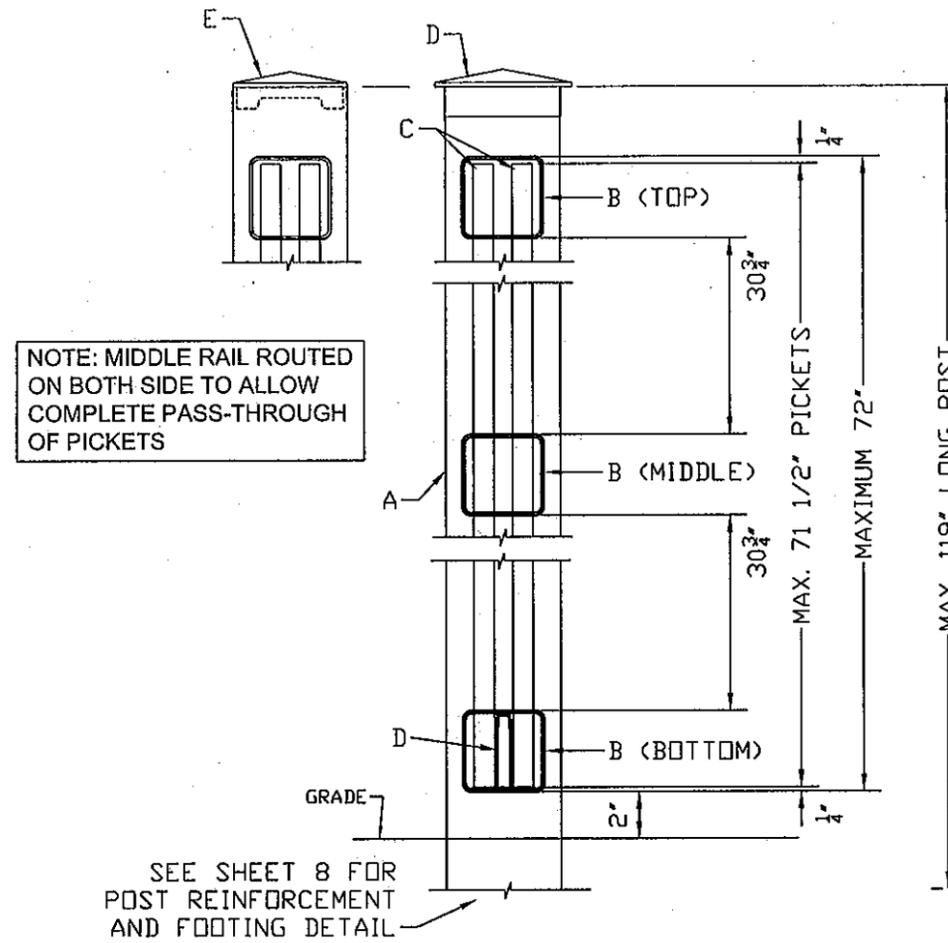
PRODUCT RATING:
 75 MPH FASTED MILE WIND SPEED
 OR 115 MPH (ULTIMATE 3 SEC. GUST)

MODEL: COLUMBIA - 8' X 6'

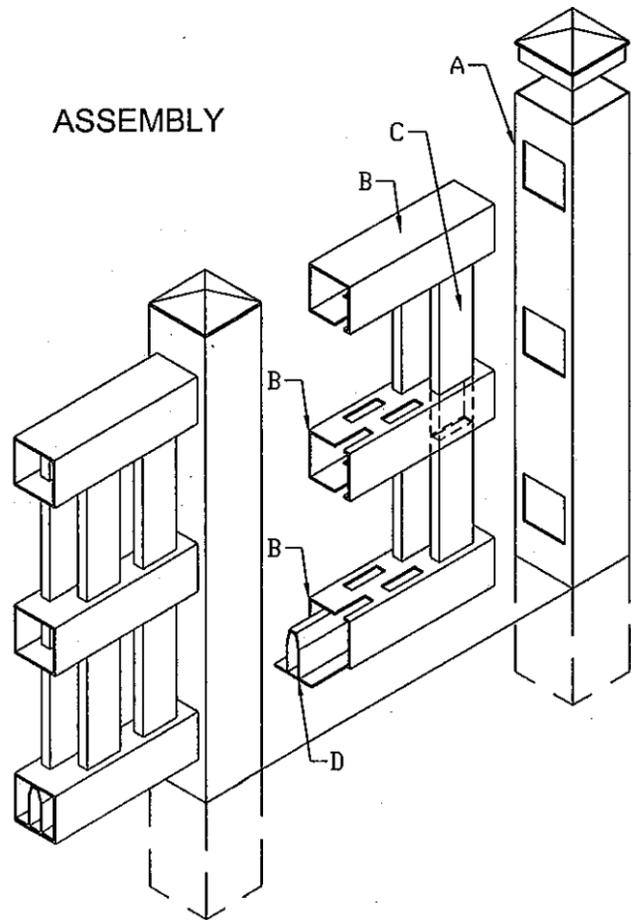
HORIZONTAL SECTION



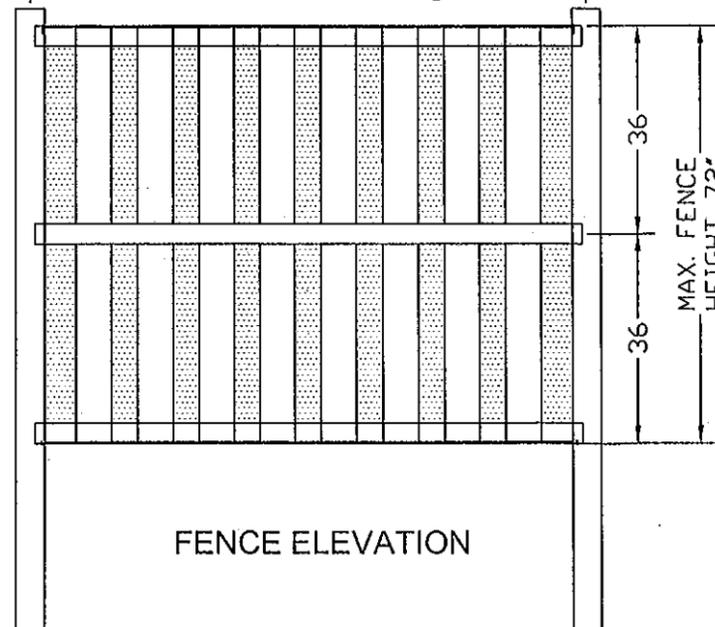
VERTICAL SECTION



ASSEMBLY



SEE TABLE 1 ON SHEET 8
MAXIMUM POST SPACING
NOT TO EXCEED $96\frac{1}{8}$ "



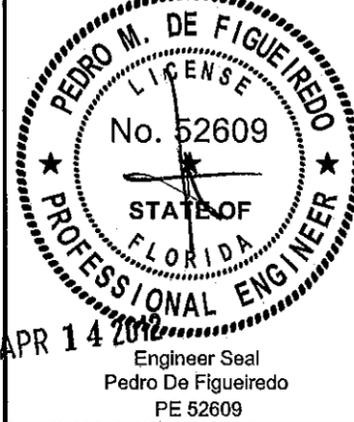
| BILL OF MATERIAL | | |
|------------------|--|------------------|
| ITEM | PART DESCRIPTION | MATERIAL |
| C | .875 X 6 X 71.5 RIBBED PICKET | P.V.C. |
| B | 3.5 X 3.5 X 94.5 ROUTED RAIL | P.V.C. |
| A | 5 X 5 X 107 ROUTED POST | P.V.C. |
| D | ALUMINUM CHANNEL X 92 FOR 3.5 SQ. RAIL | 6063-T5 ALUMINUM |
| P | .5 INCH BULLET CLIP | NYLON |
| Q | #8 X .75 SET SCREW | STAINLESS STEEL |

CertainTeed

231 SHIP CANAL PARKWAY
BUFFALO, NEW YORK 14218
TEL.: (800) 333-0569
FAX.: (716) 823-2843
FRDMarketing@Saint-Gobain.com

PRODUCT:
Fence
COLUMBIA, IMPERIAL AND
CHESTERFIELD MODELS

Engineering:
EngCo Inc.
CA 8116
5595 Orange Dr. 201
Davie, FL 33314
Tel.: (954) 585-0304
ENGCO@AOL.COM



PRODUCT CONTROL DIVISION:

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 11-1028.05
Expiration Date 03/13/2013
By Hector A. Miller
Miami Dade Product Control

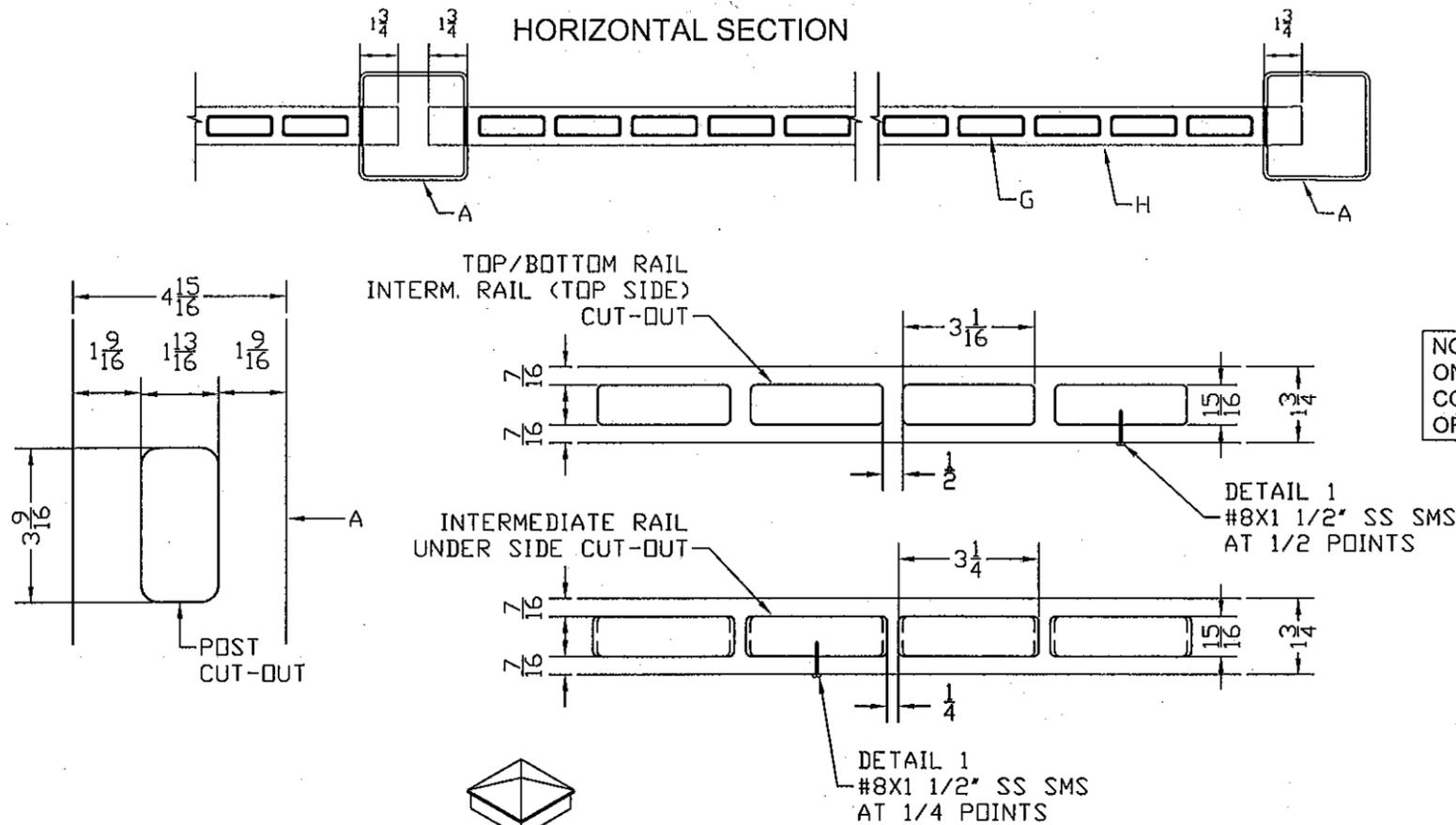
Date: 03/02/12
Scale: NA
Design by: PPMF

Drawing Number
12-048

Sheet
2 of 8

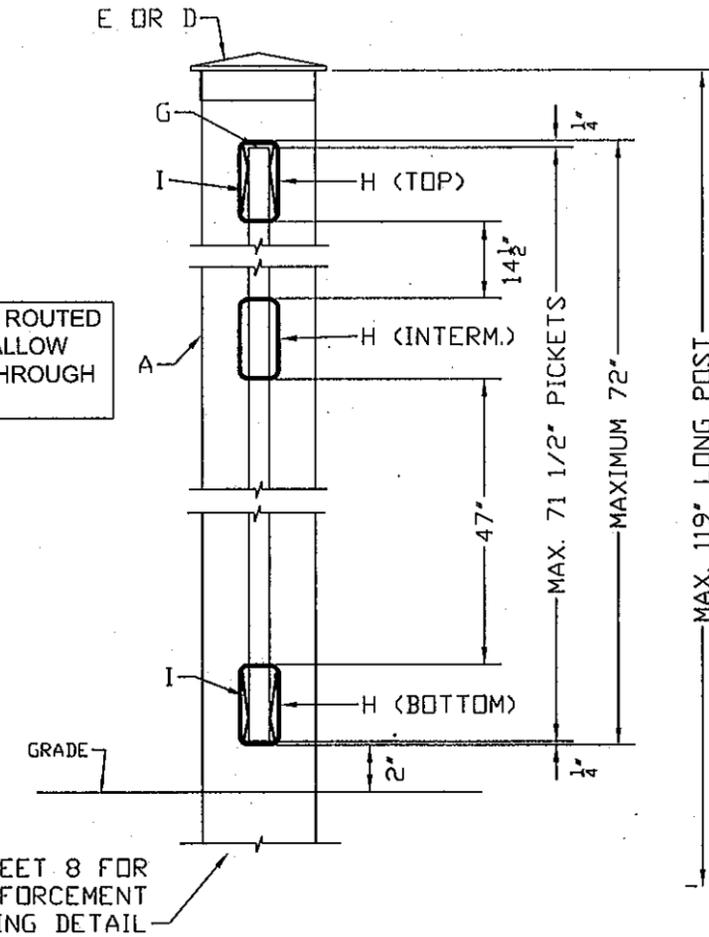
MODEL: IMPERIAL - 8' X 6'

HORIZONTAL SECTION

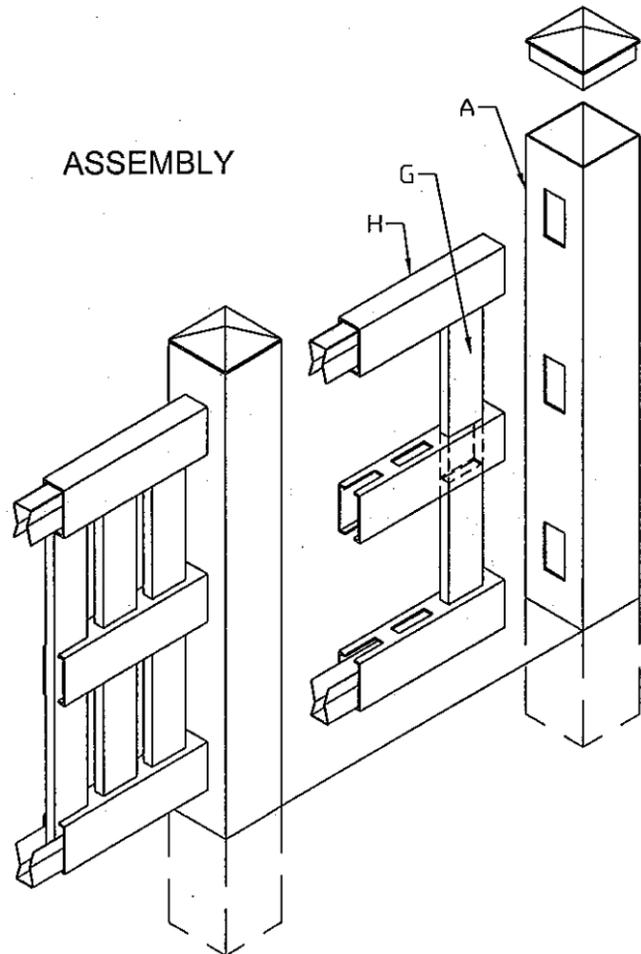


NOTE: MIDDLE RAIL ROUTED ON BOTH SIDE TO ALLOW COMPLETE PASS-THROUGH OF PICKETS

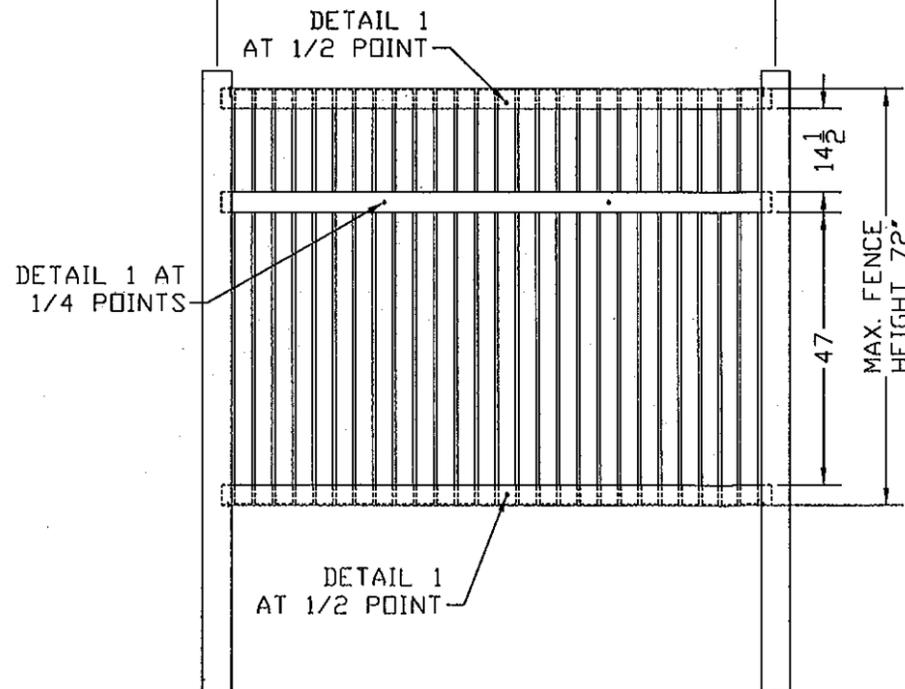
VERTICAL SECTION



ASSEMBLY



SEE TABLE 1 ON SHEET 8
MAXIMUM POST SPACING
NOT TO EXCEED 97"



BILL OF MATERIAL

| ITEM | PART DESCRIPTION | MATERIAL |
|------|----------------------------------|------------------|
| G | .875 X 3 X 71.5 PICKET | P.V.C. |
| H | 2 X 4 X 95.5 ROUTED RAIL | P.V.C. |
| A | 5 X 5 X 107 ROUTED POST | P.V.C. |
| I | HOURLASS G-60 STEEL CHANNEL X 92 | GALVANIZED STEEL |
| P | .5 INCH BULLET CLIP | NYLON |
| Q | #8 X .75 SET SCREW | STAINLESS STEEL |
| R | #8 X 1.5 SCREW | STAINLESS STEEL |
| S | SNAP CAP WASHER | NYLON |
| T | SNAP CAP | P.V.C. |

CertainTeed

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PRODUCT:

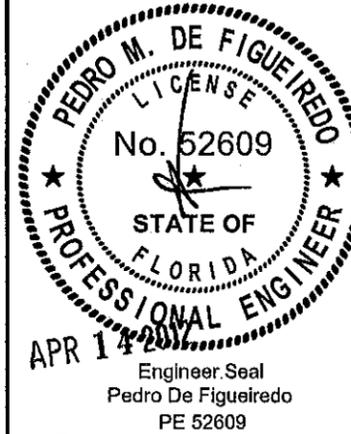
Fence

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By *Heather A. Walker*
Miami Dade Product Control

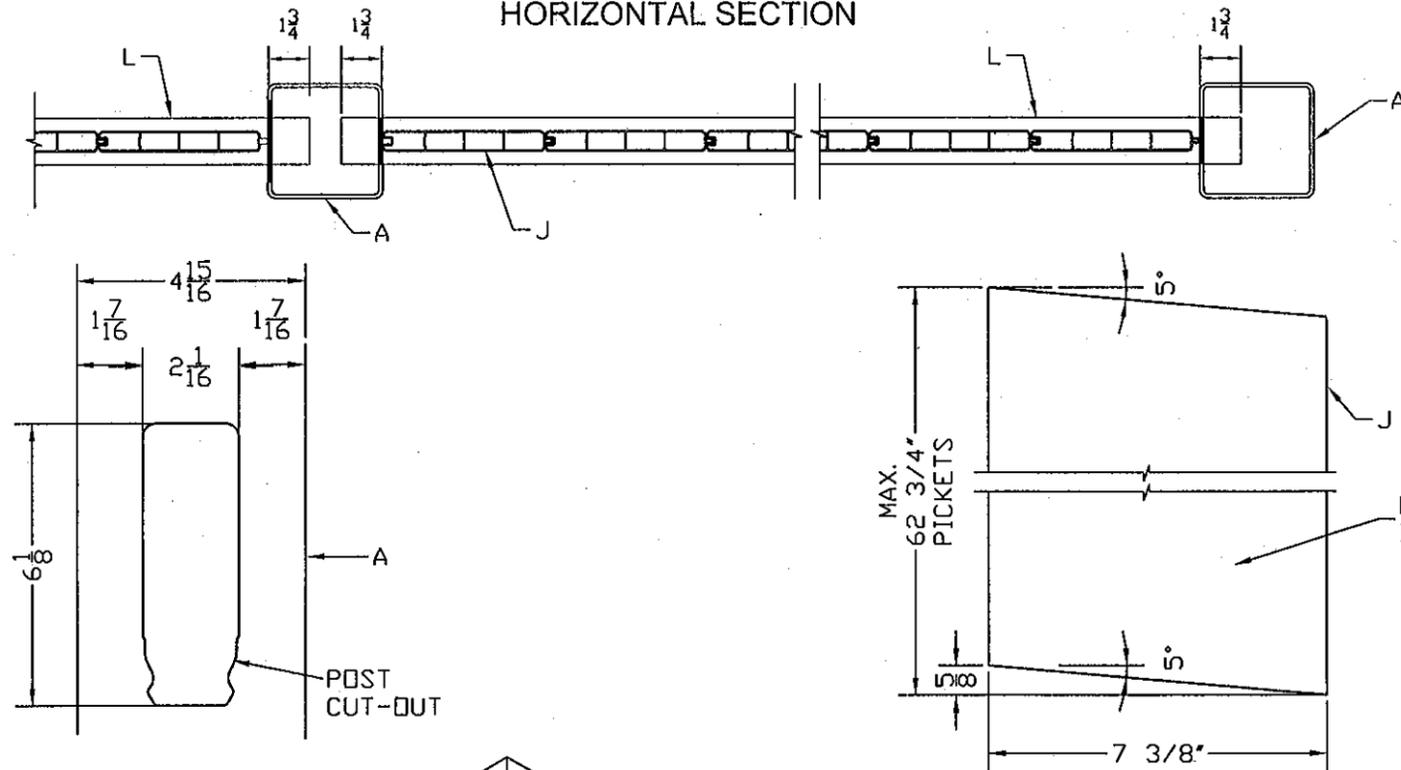
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Design by: PPMF

Drawing Number
12-048

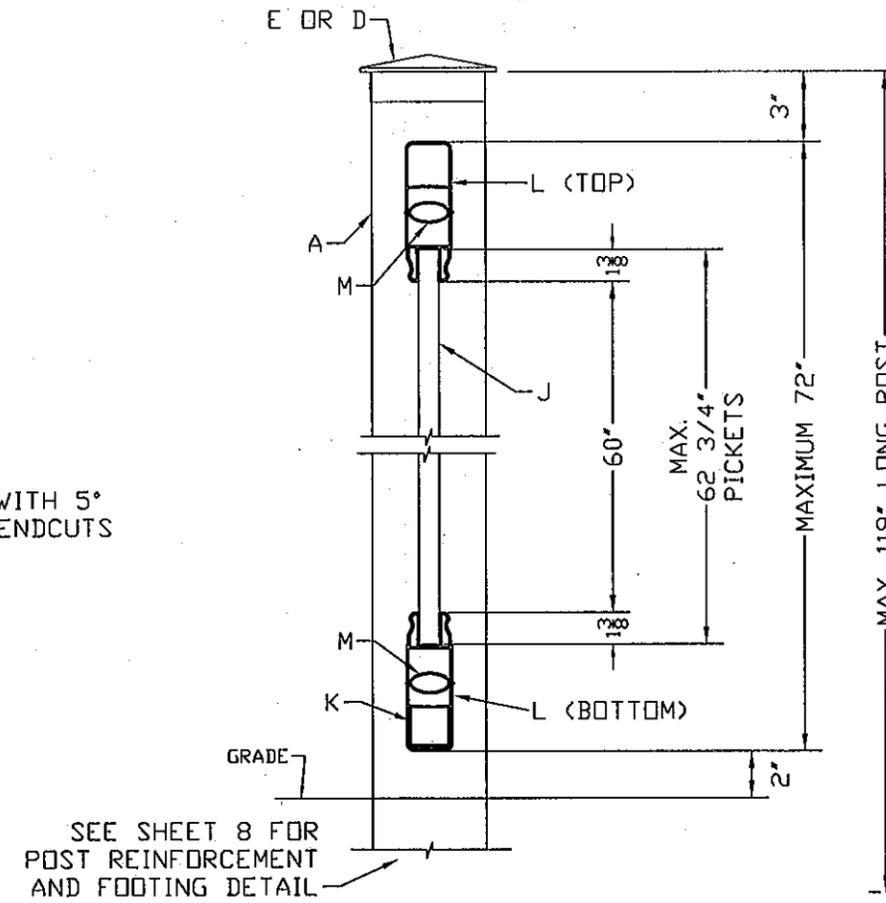
Sheet
3 of 8

MODEL: CHESTERFIELD - 8' X 6'

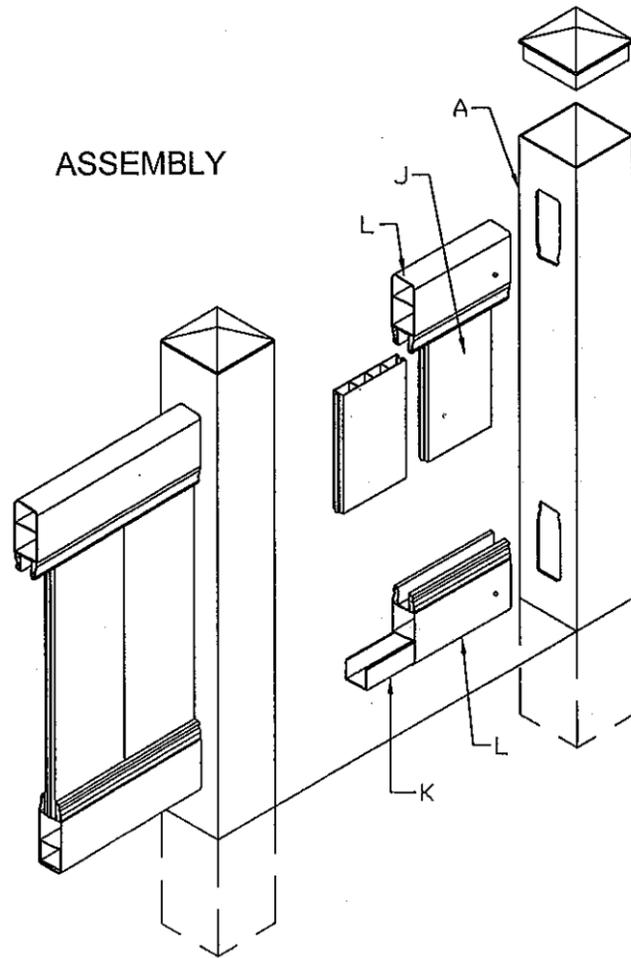
HORIZONTAL SECTION



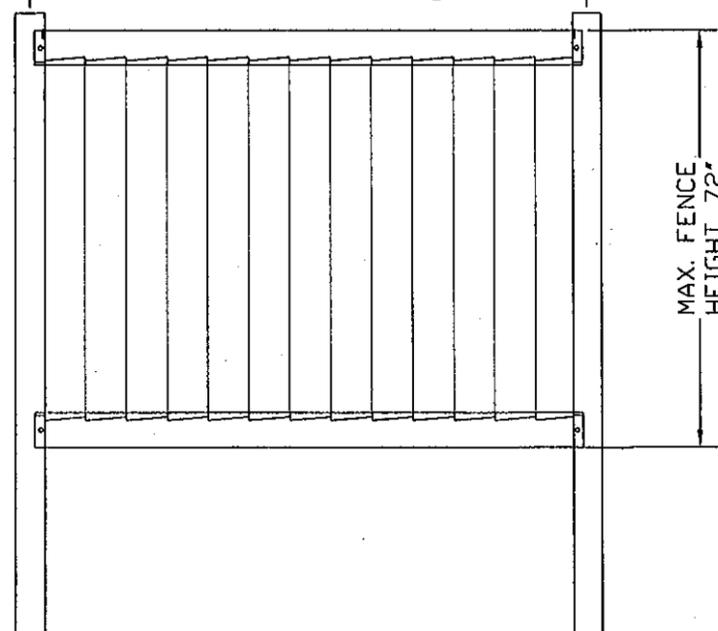
VERTICAL SECTION



ASSEMBLY



SEE TABLE 1 ON SHEET 8
MAXIMUM POST SPACING
NOT TO EXCEED 96 1/8"



BILL OF MATERIAL

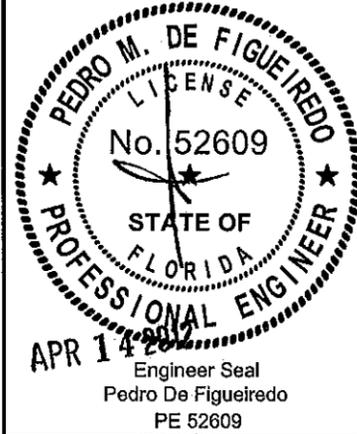
| ITEM | PART | DESCRIPTION | MATERIAL |
|------|------------------|--------------------------|------------------|
| J | .875 X 7 X 62.75 | TONGUE AND GROOVE PICKET | P.V.C. |
| L | 2 X 6 | DECO RAIL | P.V.C. |
| A | 5 X 5 X 107 | ROUTED POST | P.V.C. |
| K | U-SHAPPED G-60 | STEEL CHANNEL X 92 | GALVANIZED STEEL |
| M | | LOCK RING | POLYETHYLENE |
| Q | #8 X .75 | SET SCREWS | STAINLESS STEEL |



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Fence
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PRODUCT CONTROL DIVISION:

PRODUCT REVISED
as complying with the Florida
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Acceptance No 11-1028.05
Expiration Date 3/13/2013
By Hedley A. Miller
Miami Dade Product Control

Date: 03/02/12
Scale: NA
Design by: PPMF

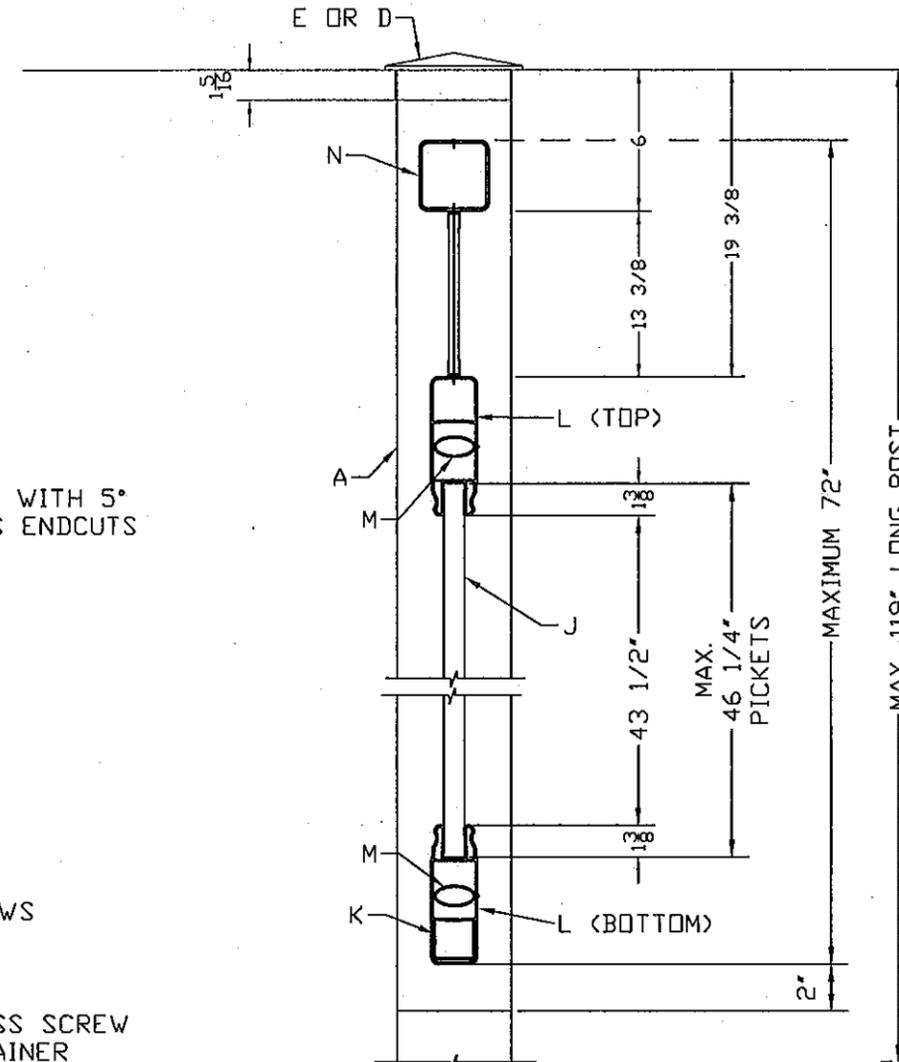
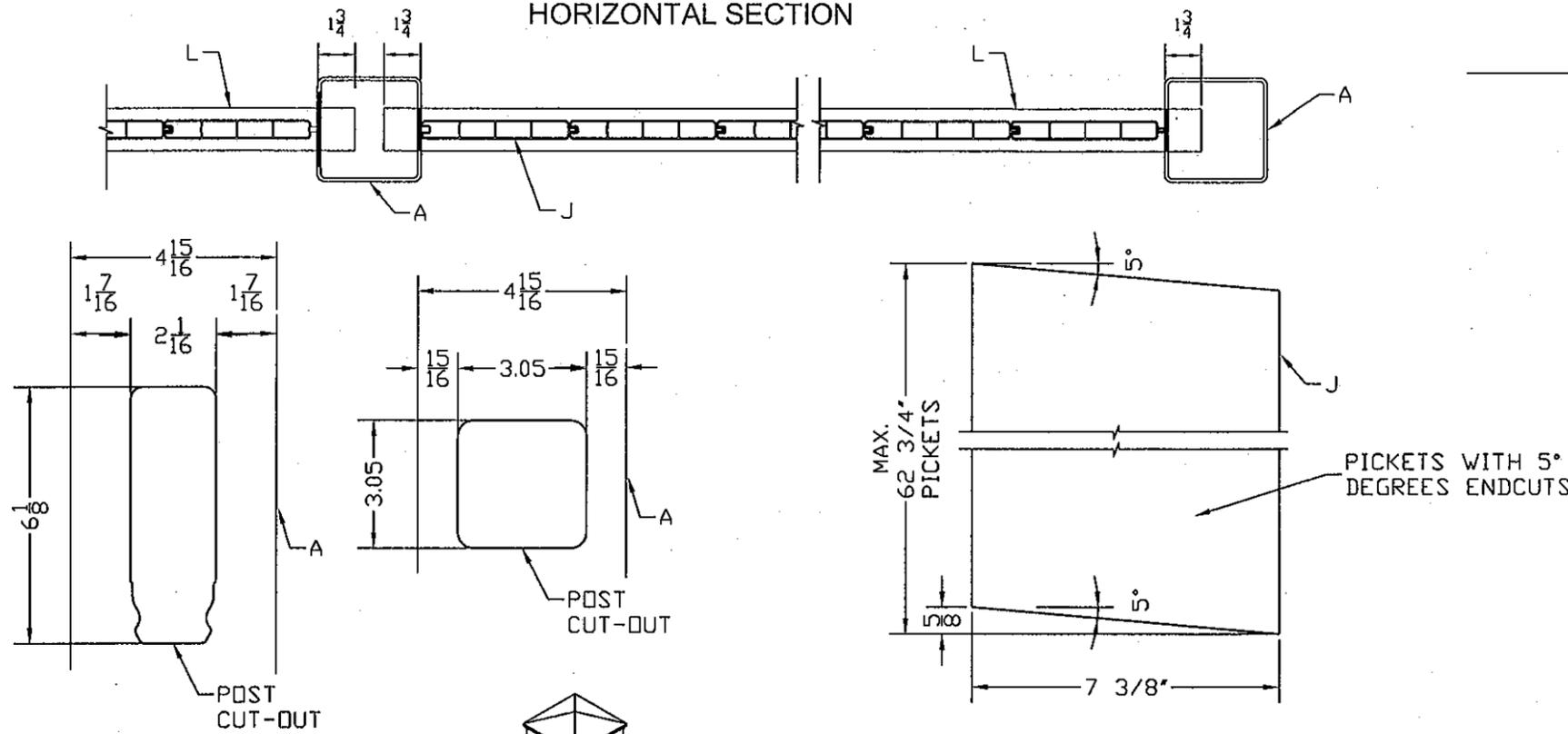
Drawing Number
12-048

Sheet
4 of 8

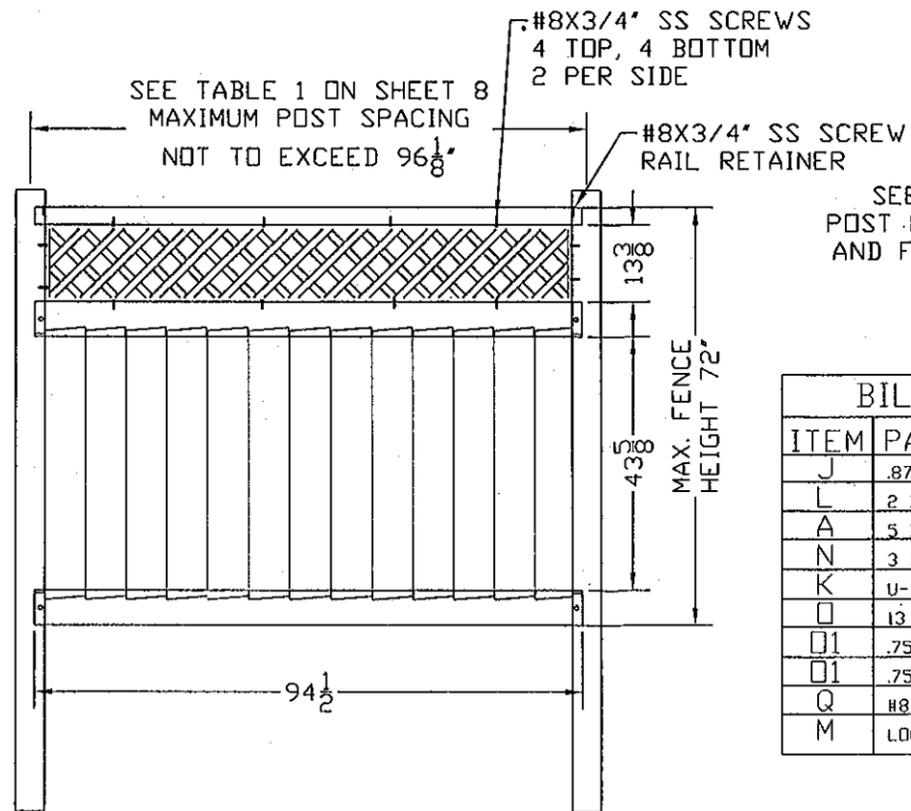
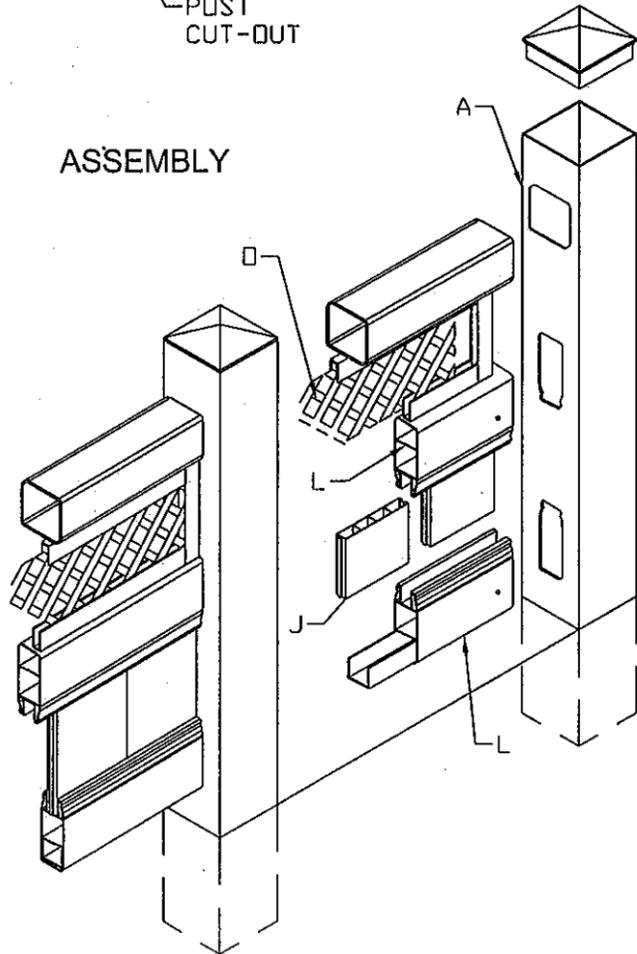
MODEL: CHESTERFIELD W/ LATTICE - 8' X 6'

VERTICAL SECTION

HORIZONTAL SECTION



ASSEMBLY



SEE SHEET 8 FOR POST REINFORCEMENT AND FOOTING DETAIL

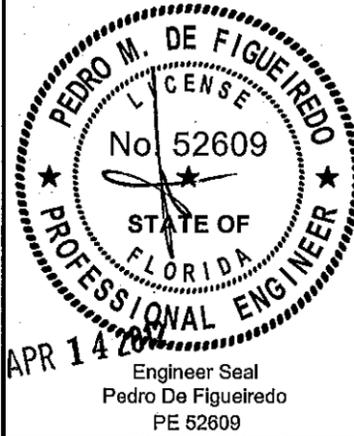
| BILL OF MATERIAL | | |
|------------------|---|------------------|
| ITEM | PART DESCRIPTION | MATERIAL |
| J | .875 X 7 X 46.25 TONGUE AND GROOVE PICKET | P.V.C. |
| L | 2 X 6 X 94.5 DECO RAIL | P.V.C. |
| A | 5 X 5 X 107 ROUTED POST | P.V.C. |
| N | 3 X 3 X 94.5 ACCENT RAIL | P.V.C. |
| K | U-SHAPED G-60 STEEL CHANNEL X 92 | GALVANIZED STEEL |
| □ | 13 X 90.75 LATTICE PANEL | P.V.C. |
| □1 | .75 X 1 X 90.75 HORIZONTAL CHANNEL | P.V.C. |
| □1 | .75 X 1 X 13.125 VERTICAL CHANNEL | P.V.C. |
| Q | #8 X .75 SCREW | STAINLESS STEEL |
| M | LOCK RING | POLYETHYLENE |



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 By *[Signature]*
 Miami Dade Product Control

Date: 03/02/12
 Scale: NA
 Design by: PPMF

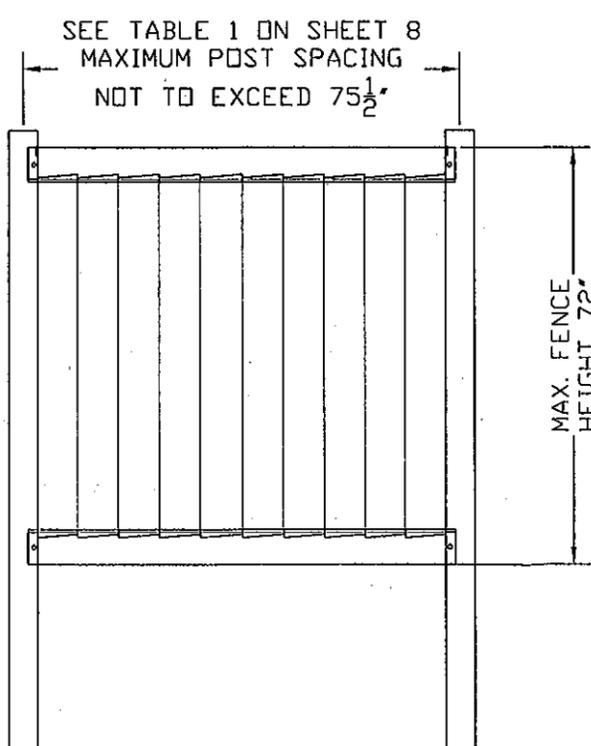
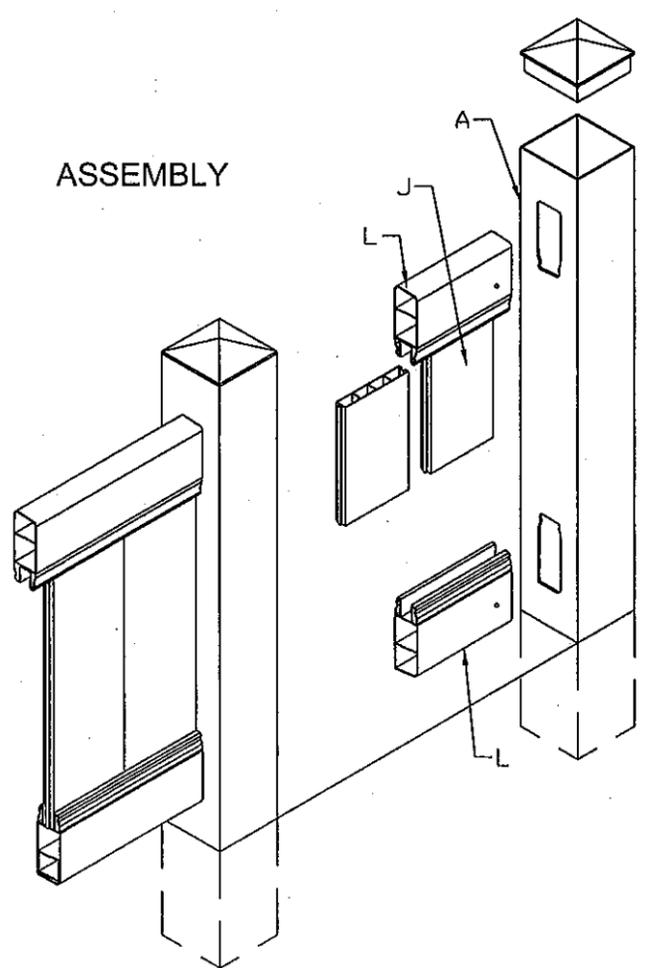
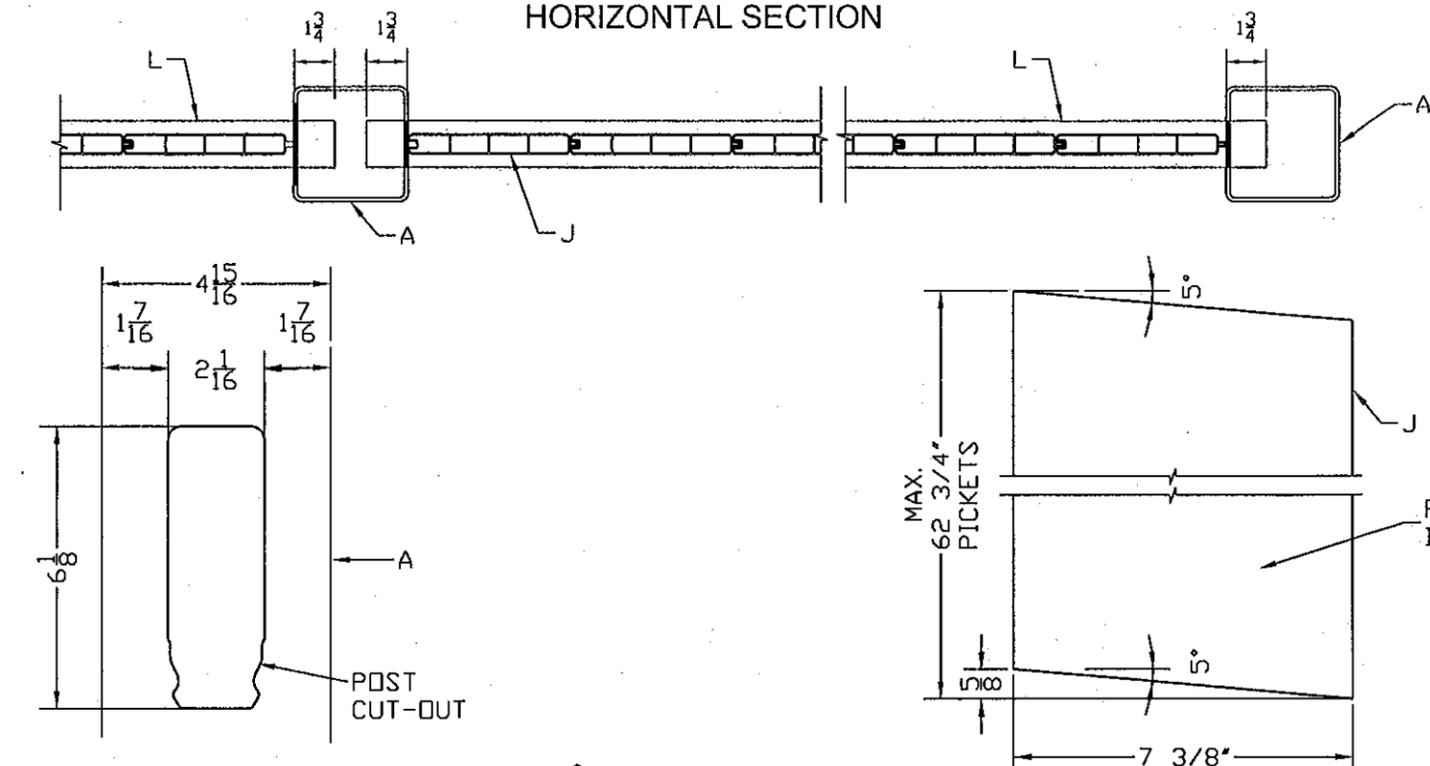
Drawing Number
12-048

Sheet
5 of 8

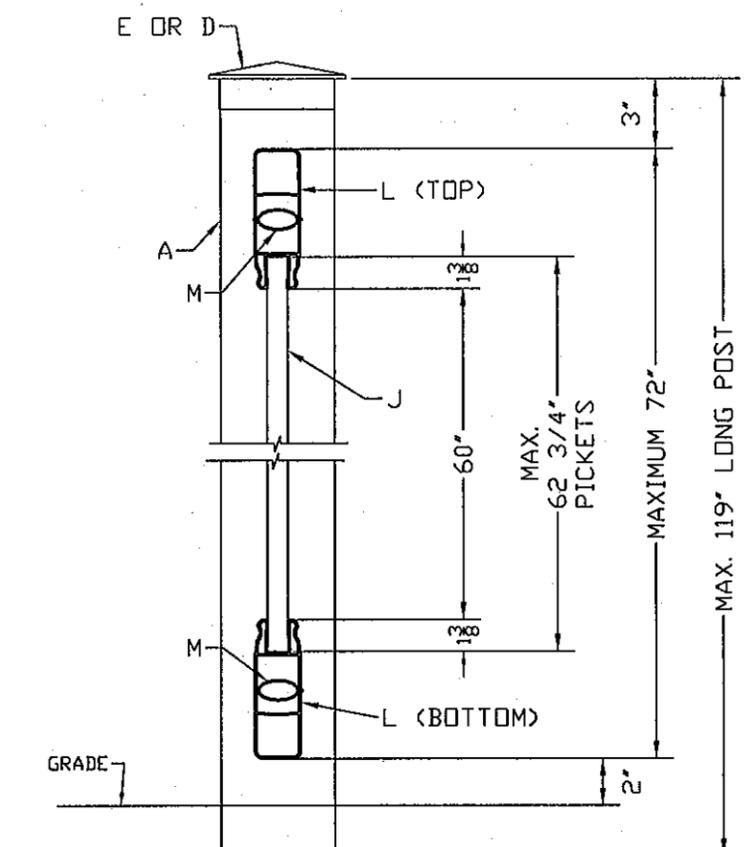
MODEL: CHESTERFIELD - 6'X6'

VERTICAL SECTION

HORIZONTAL SECTION



SEE SHEET 8 FOR POST REINFORCEMENT AND FOOTING DETAIL



BILL OF MATERIAL

| ITEM | PART DESCRIPTION | MATERIAL |
|------|---|-----------------|
| J | .875 X 7 X 62.75 TONGUE AND GROOVE PICKET | P.V.C. |
| L | 2 X 6 X 73.5 DECK RAIL | P.V.C. |
| A | 5 X 5 X 107 ROUTED POST | P.V.C. |
| M | LOCK RING | POLYETHYLENE |
| Q | #8 X .75 SCREW | STAINLESS STEEL |



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Engineer Seal
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 PE 52609

PRODUCT CONTROL DIVISION:

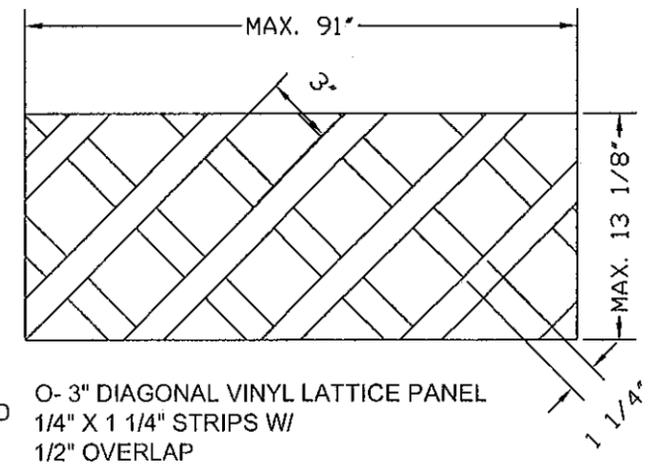
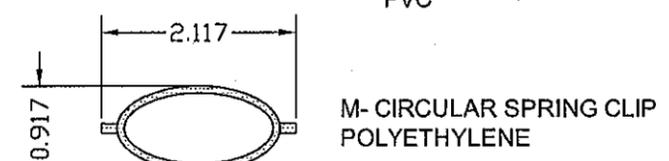
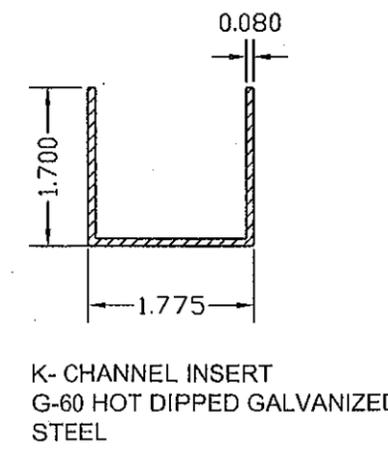
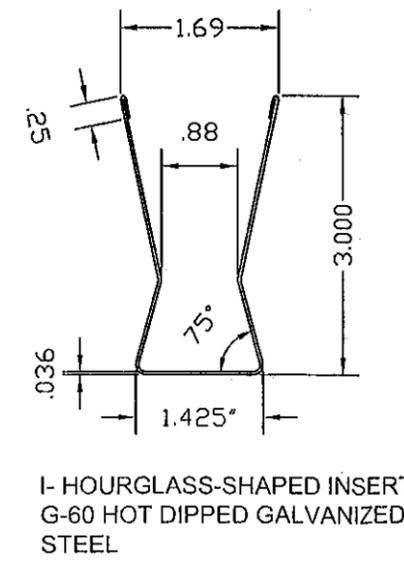
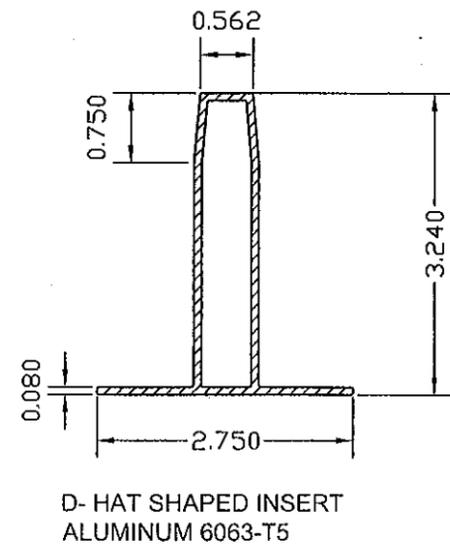
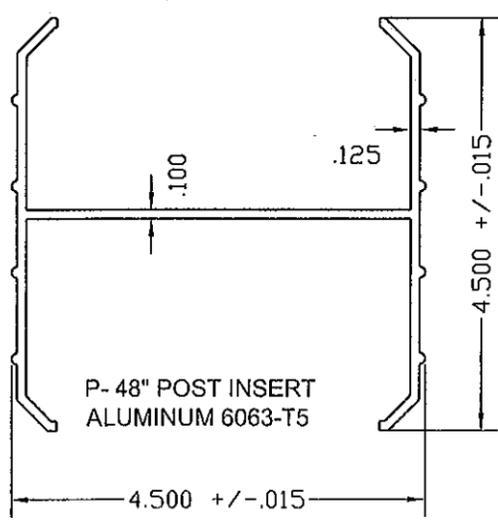
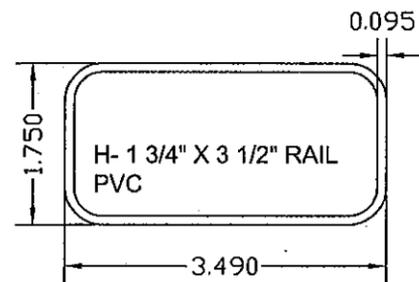
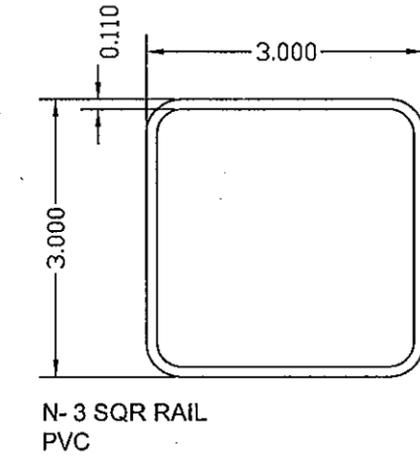
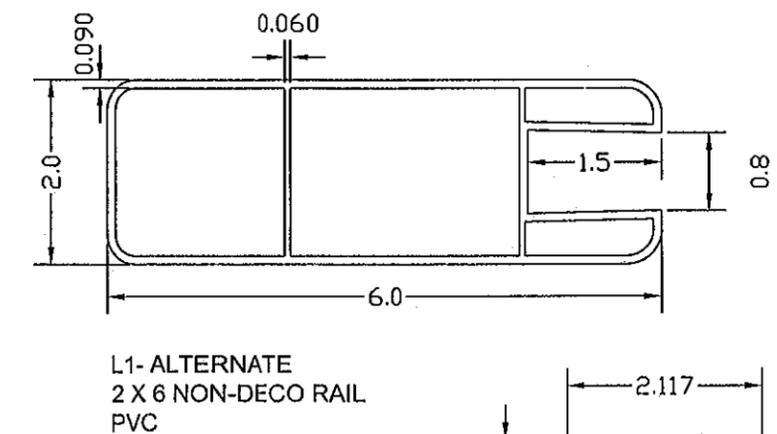
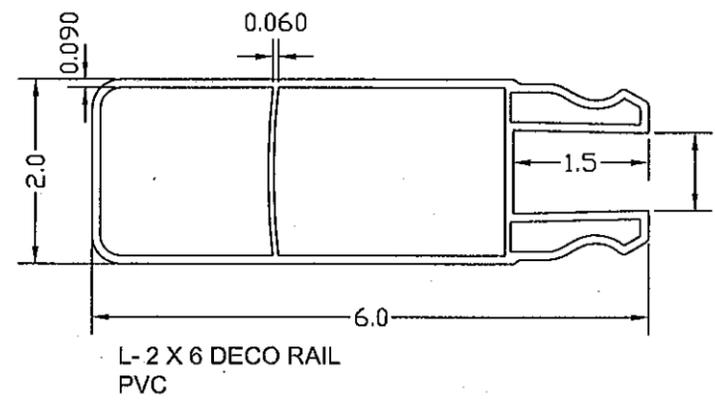
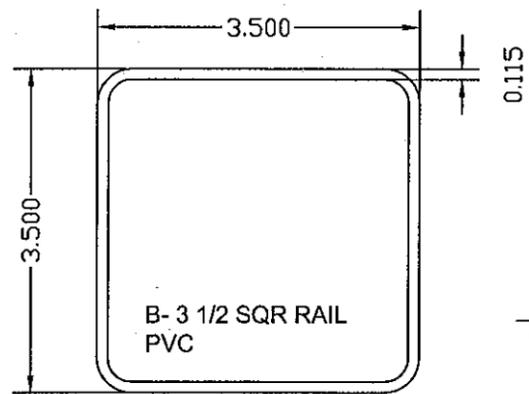
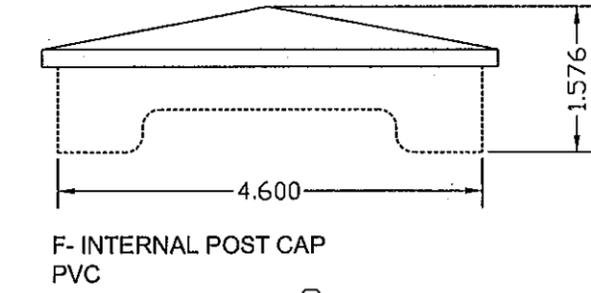
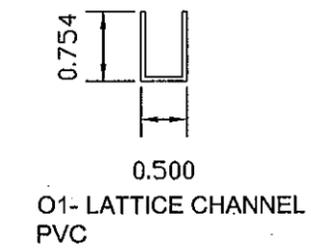
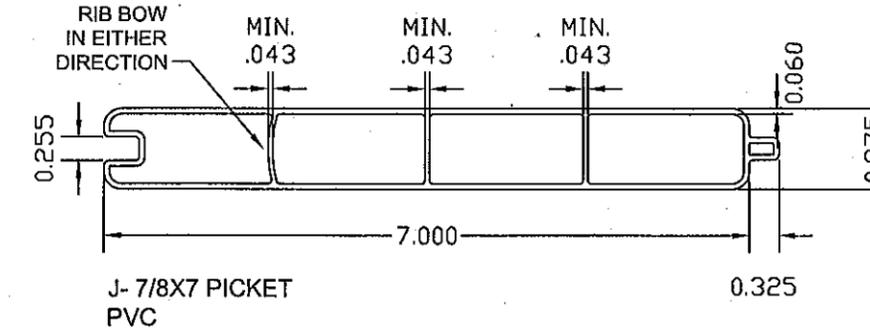
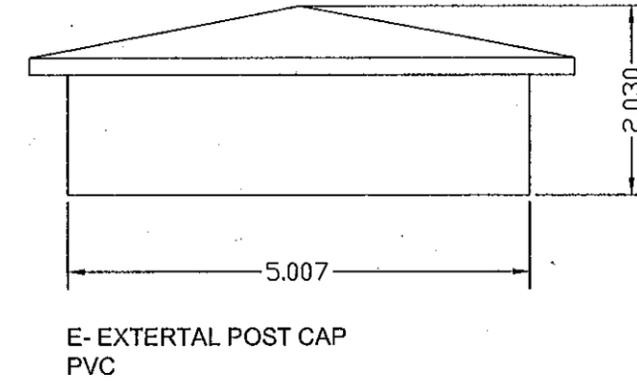
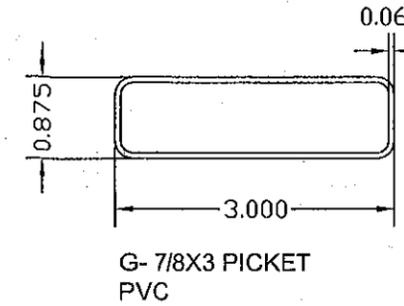
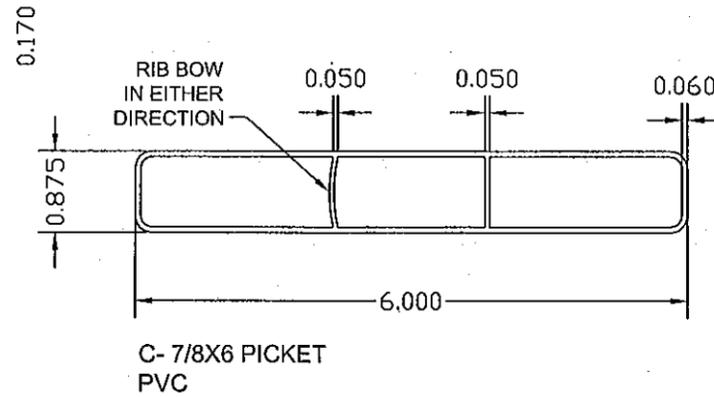
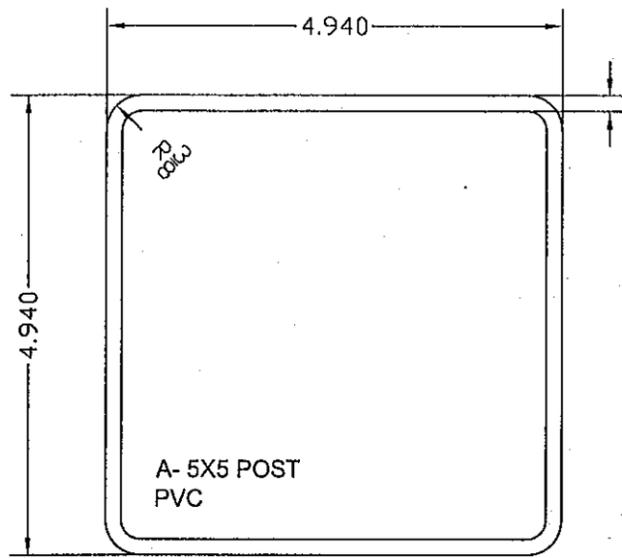
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 11-1028-05
 Expiration Date 03/13/2013
 By *Heather A. Miller*
 Miami Dade Product Control

Date: 03/02/12
 Scale: NA
 Design by: PPMF

Drawing Number
12-048

Sheet
6 of 8

PARTS AND COMPONENTS



231 SHIP CANAL PARKWAY
 BUFFALO, NEW YORK 14218
 TEL.: (800) 333-0569
 FAX.: (716) 823-2843
 FRDMarketing@Saint-Gobain.com

PRODUCT:
Fence
 COLUMBIA, IMPERIAL AND
 CHESTERFIELD MODELS

Engineering:
EngCo Inc.
 CA 8116
 5595 Orange Dr. 201
 Davie, FL 33314
 Tel.: (954) 585-0304
 ENGCO@AOL.COM



PRODUCT CONTROL DIVISION:
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7 of 8

PARTS AND COMPONENTS (CONT.)

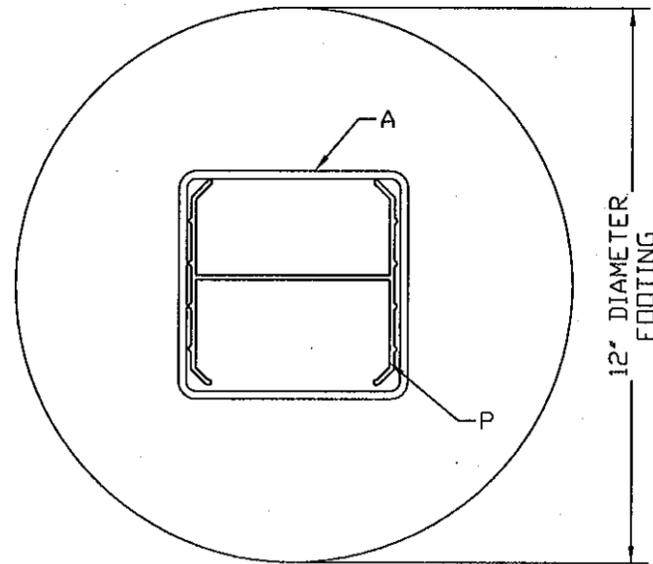
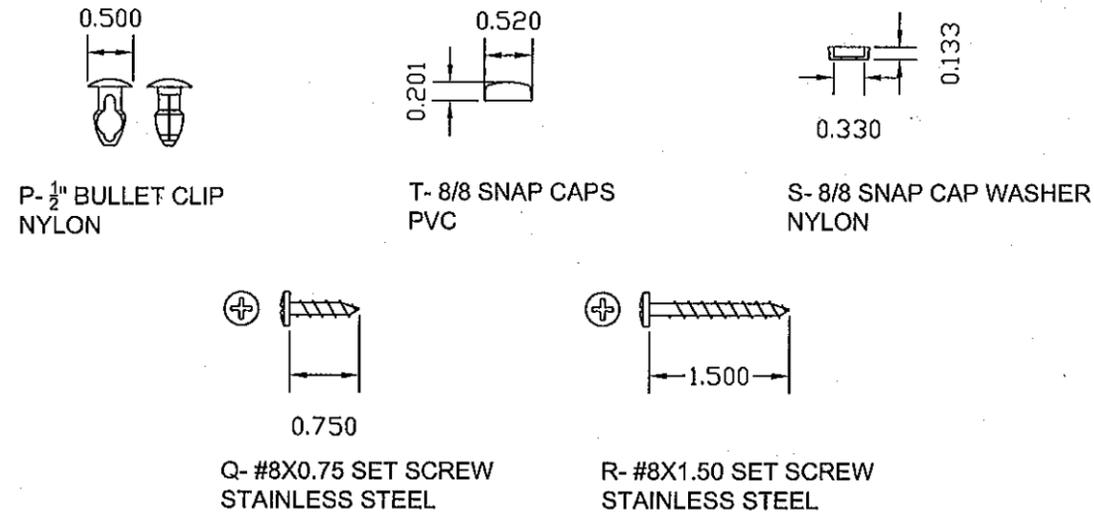
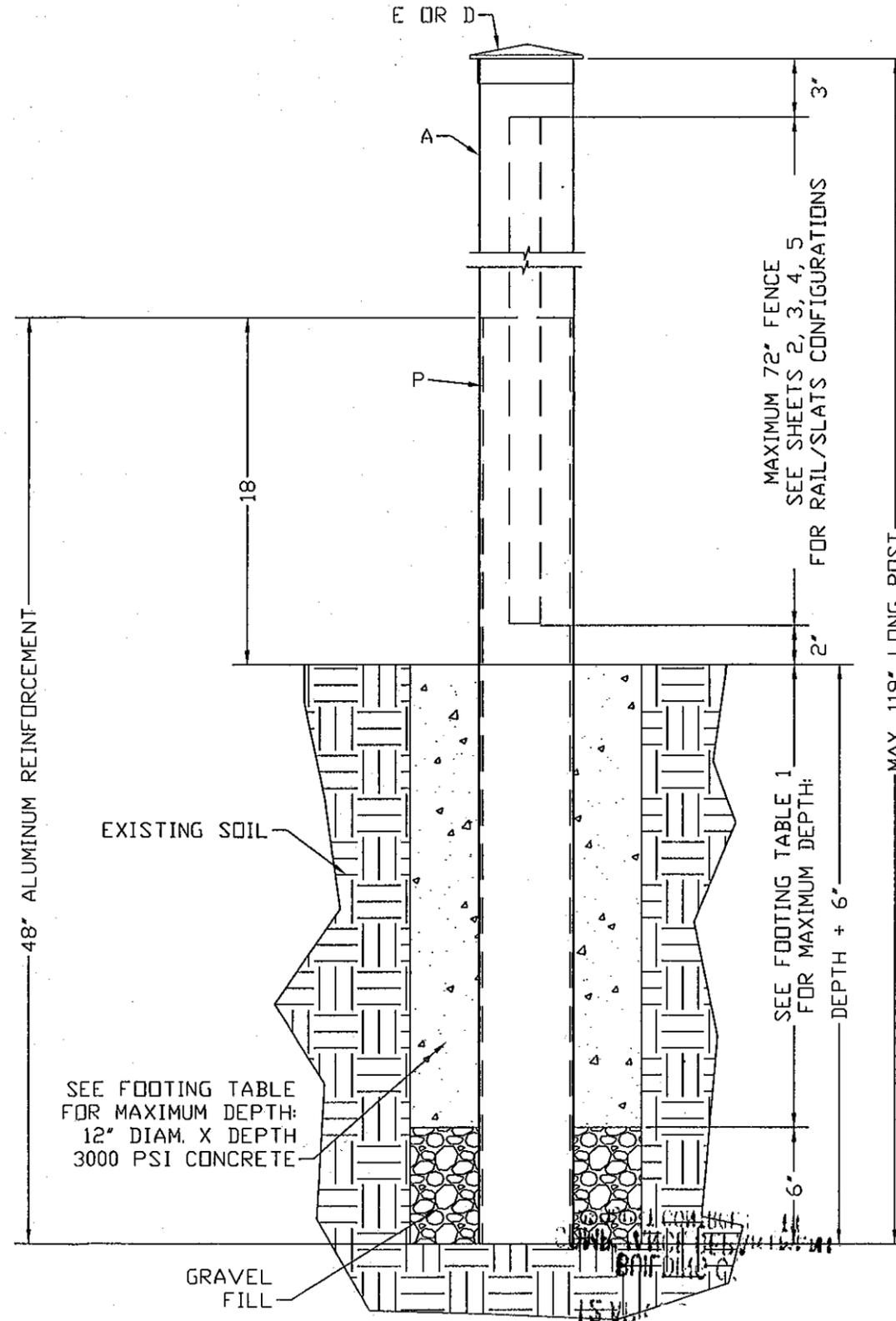


TABLE 1
MAXIMUM POST SPACING AND FOOTING DIMENSIONS

| WIND EXPOSURE | FOOTING DEPTH | MAX. POST SPACING |
|---------------|---------------|-------------------|
| B | 30" | 97" |
| B | 24" | 66" |
| C | 36" | 88" |
| C | 30" | 68" |
| D | 36" | 75" |
| D | 30" | 56" |

HVHZ: MIAMI-DADE AND BROWARD COUNTIES
WIND EXPOSURES AS DEFINED IN THE ASCE 7-10

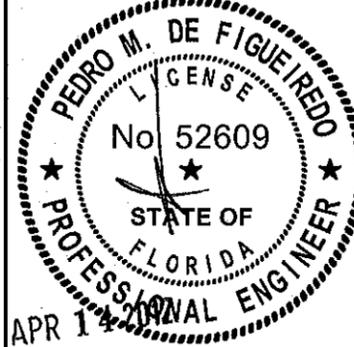
POST AND FOOTING DESIGN



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Engineer Seal
Pedro De Figueiredo
PE 52609

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8 of 8