



BUILDING AND NEIGHBORHOOD COMPLIANCE DEPARTMENT (BNC)
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)

PolyLINK USA Corporation
1901 Ten Eyck Road
Brodhead, WI 53520

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 BNC-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. BNC 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: "LifeTime Lumber" Extruded Wood/Plastic Composite Fence

APPROVAL DOCUMENT: Drawing No. PL-LL-1101222.dwg, titled "Lifetime Lumber", sheets 1 & 2 of 2, prepared by Category 5 Engineering Services, Inc., dated December 22, 2010, signed and sealed by Emma T. Mellinger, P.E., on June 25, 2011, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and the approval 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 and 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
07/21/2011

NOA No. 10-1228.02
Expiration Date: 07/21/2016
Approval Date: 07/21/2011
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. PL-LL-1101222.dwg, titled " Lifetime Lumber ", sheets 1 & 2 of 2, prepared by Category 5 Engineering Services, Inc., dated December 22, 2010, signed and sealed by Emma T. Mellinger, P.E., on June 25, 2011.*

B. TESTS

1. *Test report on Uniform Static Air Pressure Test, prepared by Architectural Testing, Report # 99175.01-119-16, dated April 22, 2010, signed and sealed by Joseph A. Reed, P.E.*

C. CALCULATIONS

1. *Calculation to comply with FBC 2007 edition, 3 sheets, prepared by Emma T. Mellinger, P.E., dated December 21, 2010, signed and sealed by Emma T. Mellinger, P.E.*

D. QUALITY ASSURANCE

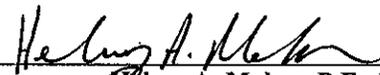
1. *By Miami-Dade County Building and neighborhood Compliance Department (BNC).*

E. MATERIAL CERTIFICATIONS

1. *Smoke density test per ASTM D 2843 and Rate of Burn test per ASTM D 635 prepared by Architectural Testing, Report # A4996.01-119-19, dated November 04, 2010, signed by Travis A. Hoover.*
2. *Self Ignition Test per ASTM D192.*
3. *Evaluation of outdoor exposure.*

F. STATEMENTS

1. *Letter regarding the lack of financial interest, prepared by Category 5 Engineering Services, Inc., dated December 21, 2010, signed and sealed by Emma T. Mellinger, P.E.*
2. *Letter regarding compliance with the Florida Building Code, 2007 Edition, prepared by Category 5 Engineering Services, Inc., dated December 23, 2010, signed and sealed by Emma T. Mellinger, P.E.*



Helmy A. Makar, P.E., M.S.
BNC, Product Control Unit Supervisor
NOA No. 10-1228.02
Expiration Date: 07/21/2016
Approval Date: 07/21/2011

SPECIFICATIONS AND LIMITATIONS OF USE

- This Fence System has been Designed and Tested to Withstand a Wind Speed of 75 mph (Fastest Mile) or 90 mph (3 Second Gust), in Compliance with the Provisions of the 2007 Florida Building Code, Including the High Velocity Hurricane Zone.
- Installation, Configuration, or Loading Conditions Other Than Shown in This Document are Not Part of This Approval.
- All Concrete Shall Have a 28-Day Compressive Strength of 3,000 psi.
- Fence Shall be Installed Per Manufacturer's Instructions.

Fence Posts, Pickets and Rails Shall be Manufactured From LifeTime Composites LLC's "LifeTime Lumber" Reinforced Thermoset Polymer with Coal Ash Filler.

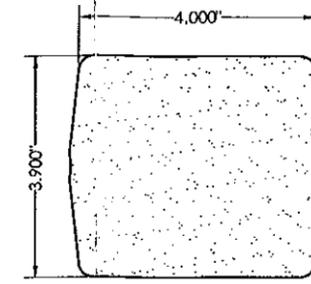
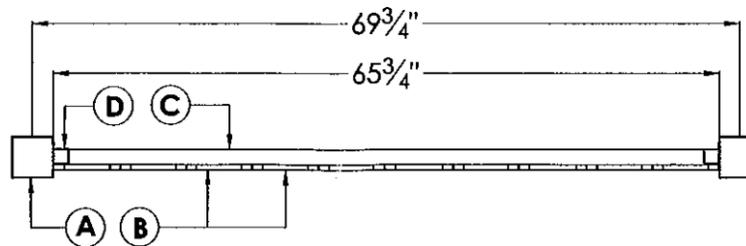
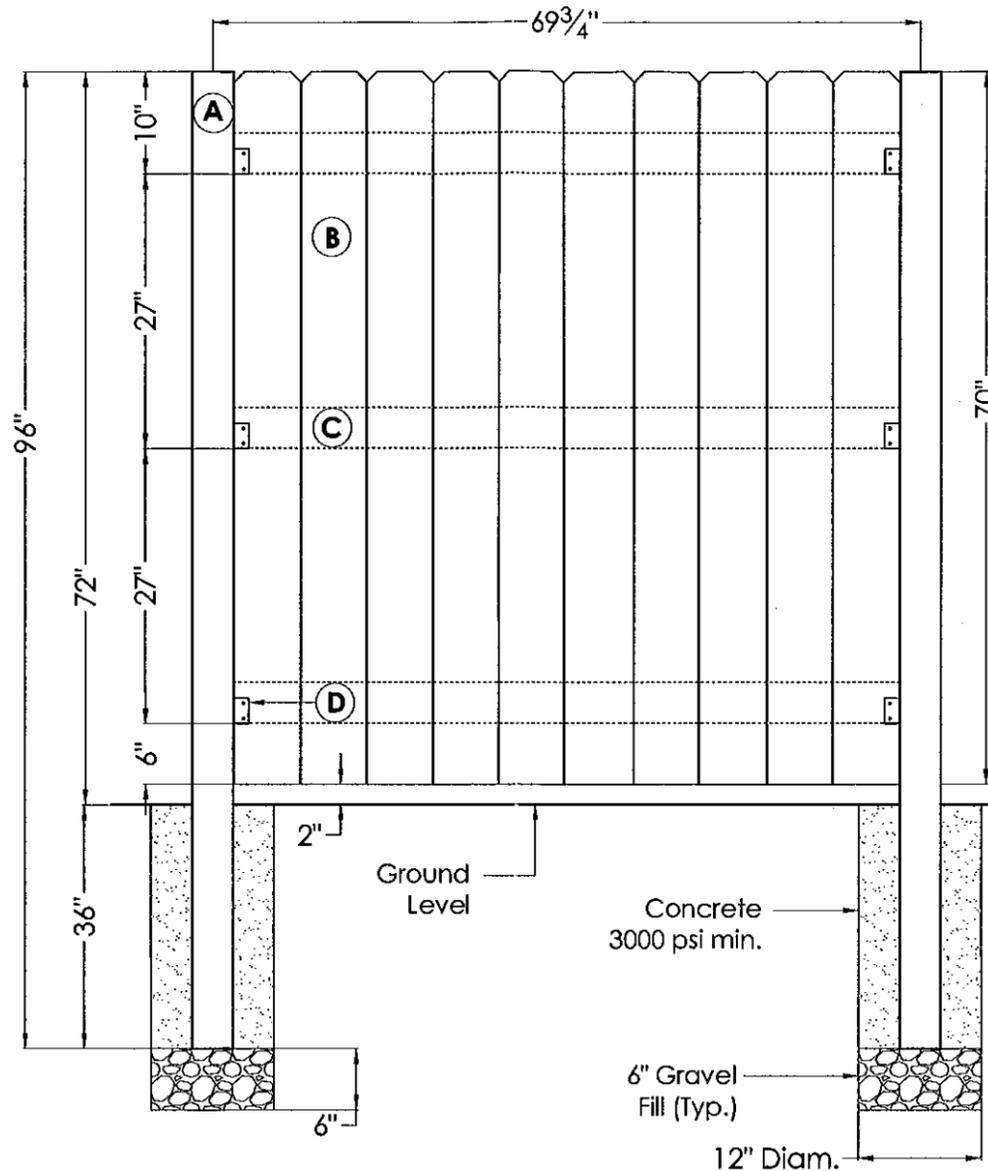
Fire-Rating Specifications per Material Color:

MATERIAL COLOR =====>	GRAY	SAGE
ASTM D635: Rate of Burning (mm/min)	0.00	16.4
Material Class	CC1	CC2
ASTM D2843: Smoke Density Rating	20.0	30.0
ASTM D1929: Self-Ignition Temp. (°F)	698	698

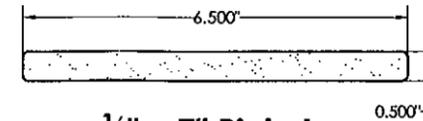
BILL OF MATERIALS FOR 6' x 6' DOG EAR FENCE (PER 6' SECTION)

Item	Qty	Description	Size (in)	Material and Remarks
A	1*	4" x 4" Fence Post	4.00 x 3.88 x 96.00	LifeTime Lumber Composite
B	10	Fence Picket	0.50 x 6.50 x 70.00	LifeTime Lumber Composite
C	3	2" x 4" Fence Rail	1.50 x 4.00 x 65.75	LifeTime Lumber Composite
D	3 Pr	Bracket Pairs	2.13 x 1.50 x 2.50	LifeTime Lumber Composite
E	12	#8 Wood Screws	3.00	**Steel - Bracket/Post
F	12	#8 Wood Screws	1.50	**Steel - Bracket/Rail
G	60	Ring Shank Nails	1.50	**Steel - Picket/Rail
G Alt.	60	#8 Wood Screws	1.63	**Steel - Picket/Rail

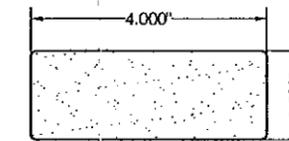
* One Additional Post Shall be Required Regardless the Number of Sections Installed
 ** Weather Resistant Fasteners Shall be Used (Stainless Steel Within One Mile of Salt Water).



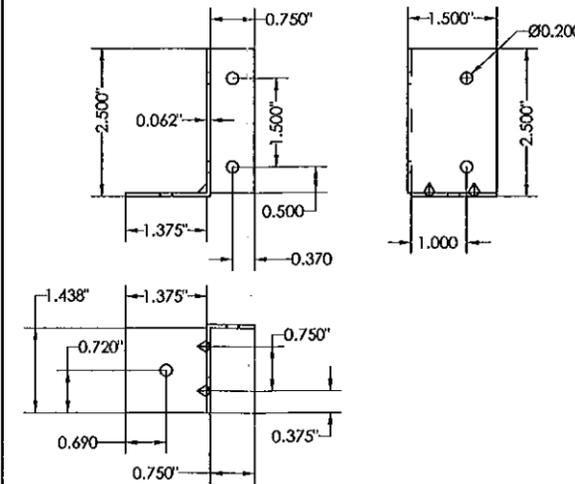
A 4" x 4" Solid Post



B 1/2" x 7" Picket



C 2" x 4" Rail



D Bracket
 Left Hand Bracket Shown;
 Mirror Image Applies for
 Right Hand Bracket.

Miami-Dade County Use Only

Approved as complying with the
 Florida Building Code
 Date 07/14/2011
 NOA# 10-1228-02
 Miami Dade Product Control
 By Healy A. Miller

CATEGORY 5
 Engineering Services, Inc. #207
 1400 S. Federal Highway, #207
 Pompano Beach, FL 33062
 (954) 784-8993; (954) 781-5708 Fax
 EMA
 6/25/11
 Emma T. Mellinger, P.E.
 FL PE #50049
 CA #25854

LIFETIME LUMBER
6' x 6' DOG EAR PRIVACY FENCE
PolyLINK USA Corporation
 1901 Ten Eyck Road, Brodhead, WI 53520
 (608) 897-2172

DATE: 12/22/10	SCALE: AS NOTED	BY: EIM	REVISIONS	NO.	DATE	DESCRIPTION
				1	6/25/11	EM Dimensions per Miami-Dade BCCO

DRAWING No. :
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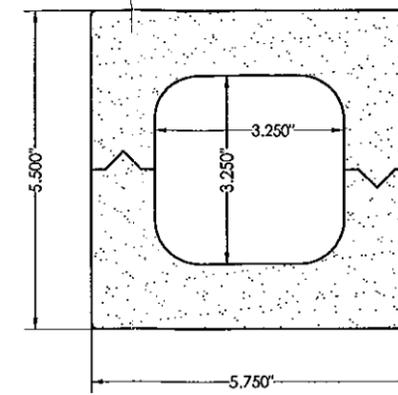
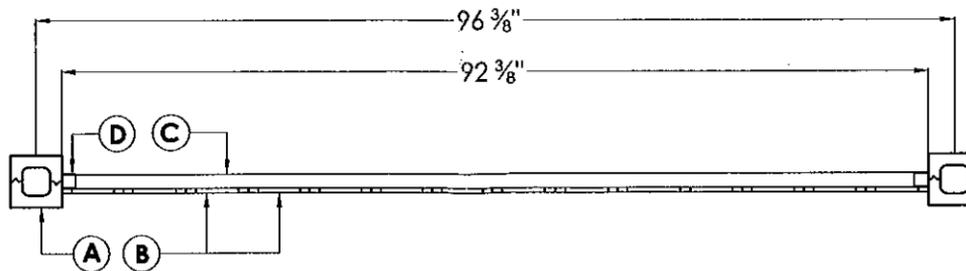
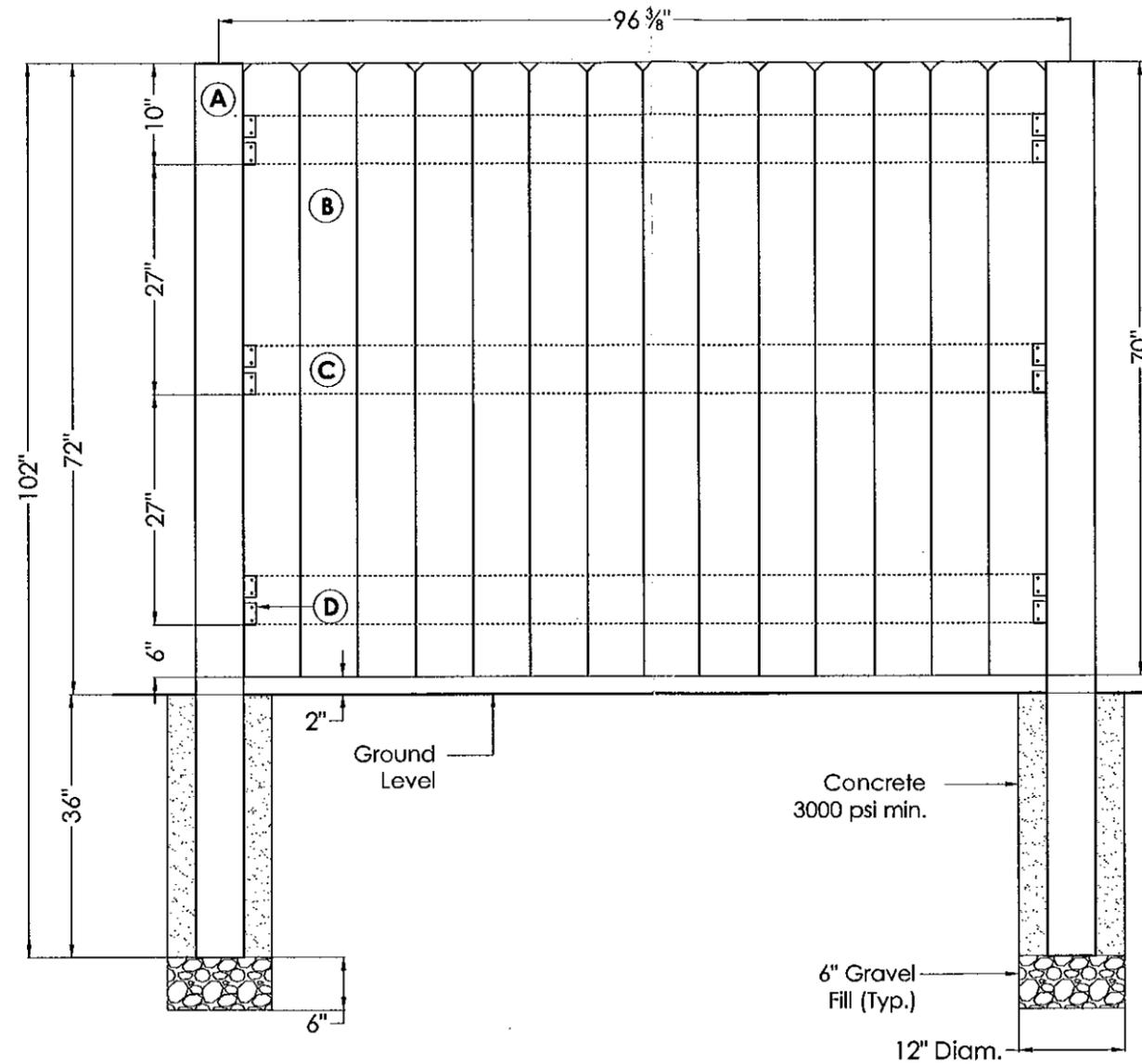
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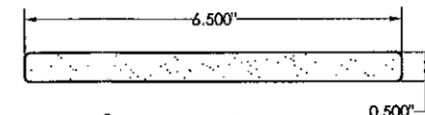
BILL OF MATERIALS FOR 8' x 6' DOG EAR FENCE (PER 8' SECTION)

Item	Qty	Description	Size (in)	Material and Remarks
A	1*	6' x 6" Fence Post	5.50 x 5.75 x 102.00	Lifetime Lumber Composite
B	14	Fence Picket	0.50 x 6.50 x 70.00	Lifetime Lumber Composite
C	3	2' x 6" Fence Rail	1.50 x 5.50 x 92.00	Lifetime Lumber Composite
D	6 Pr	Bracket Pairs	2.13 x 1.50 x 2.50	Lifetime Lumber Composite
E	24	#8 Wood Screws	3.00	**Steel - Bracket/Post
F	24	#8 Wood Screws	1.50	**Steel - Bracket/Rail
G	84	Ring Shank Nails	1.50	**Steel - Picket/Rail
G Alt.	84	#8 Wood Screws	1.63	**Steel - Picket/Rail

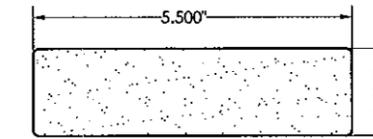
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 **Weather Resistant Fasteners Shall be Used (Stainless Steel Within One Mile of Salt Water).



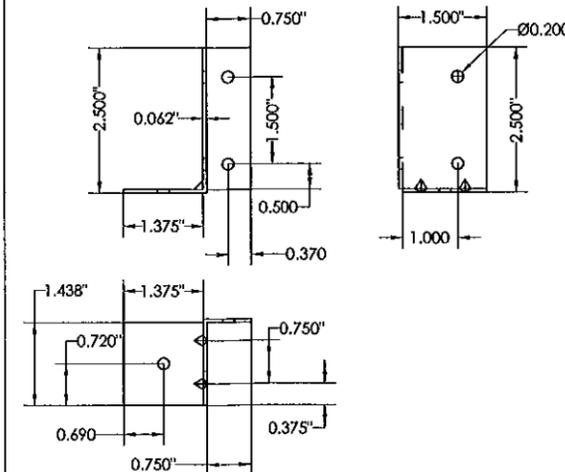
A 6' x 6" Hollow Post



B 1/2" x 7" Picket



C 2' x 6" Rail



D Bracket
 Left Hand Bracket Shown;
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 Right Hand Bracket.

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By *Heather A. Hester*

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 Emma T. Mellinger, P.E.
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DATE: 12/22/10	SCALE: AS NOTED	BY: ETM	REVISIONS
			NO. DATE BY DESCRIPTION
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Sheet 2 of 2