



VILLAGE OF KEY BISCAYNE

Department of Public Works

Village Council

Robert L. Vernon, *Mayor*
Jorge E. Mendia, *Vice Mayor*
Michael Davey
Enrique Garcia
Steve Liedman
Thomas Thornton
Patricia Weinman

Director

Armando Nuñez

DATE: May 8, 2007
TO: Honorable Mayor
FROM: Armando A. Nuñez, Director of Public Works 
RE: Grapetree Drive and Sunrise Drive
Non-Binding Cost Calculations – FPL Decorative Street Lighting Products

In regards to the Street Lighting Project for Grapetree Drive and Sunrise Drive attached hereto is a Non-Binding Cost Calculations submitted by Florida Power and Light (FPL) for the installation of Decorative Street Lighting Products.

In order to proceed with a complete and comprehensive cost estimate, FPL requires a non-refundable engineering deposit.

Enclosed please find the specifications of the Decorative Street Lights referenced by FPL for the project.

The funding for this project was set aside during the budgeting process in September 2006, under Capital Improvements.



May 8, 2007

VIA E-MAIL

Mr Armando Nunez
Director of Public Works
Village of Key Biscayne
88 West McIntyre Street
Key Biscayne, FL 33149

Re: Grapetree Drive and Sunrise Drive
Non-Binding Cost Calculations – FPL Decorative Street Lighting Products

Dear Armando:

In response to an e-mail request from Mr. Roy Bustillo of Municipal Lighting Systems, Inc. dated May 4, 2007, the NON-BINDING cost calculations for the pole and light fixture combinations selected are as follows:

GRAPETREE DRIVE NON-BINDING COST and ENGINEERING DEPOSIT

- **Install:** 8 Acrylic Acorn fixtures with 175W Metal Halide lamps on 8-15' Washington style black concrete poles and excavate approximately 1,500 feet of trench.
Non-Binding cost = \$38,760.70 / Non-refundable engineering deposit = \$775.00.

SUNRISE DRIVE NON-BINDING COST and ENGINEERING DEPOSIT

- **Install:** 15 Acrylic Acorn fixtures with 175W Metal Halide lamps on 15-15' Washington style black concrete poles and excavate approximately 3,200 feet of trench.
Non-Binding cost = \$75,548.55 / Non-refundable engineering deposit = \$1,511.00.

These cost calculations include basic project information, and do not account for all aspects of the project, e.g., restoration, monthly maintenance fees, energy costs and removal of existing street light facilities. In order to proceed with a detailed cost estimate, the above mentioned non-refundable engineering deposit(s) will be required. Attached are the corresponding deposit invoices.

If you have any questions, please contact me at (305) 552-3914.

Sincerely,

A handwritten signature in black ink, appearing to read 'Lou Perez', is written over a white background.

Lou Perez
Major Customer Manager



Decorative Streetlighting Non-Binding Cost Calculation and Deposit Invoice

May 8, 2007

Village of Key Biscayne
Mr. Armando Nunez
Director of Public Works
88 West McIntyre Street
Key Biscayne, Fl. 33149

Re: DSL Invoice ---->

Project Information

Sunrise Drive Decorative Street Lights
Sunrise Drive
Public Works
Key Biscayne - Miami / Dade

Total Project Cost	
Lump Sum:	\$75,549
Total Monthly Cost (Facility + Maintenance + Energy)	*Franchise fees and taxes not included
*Lump Sum (M+E):	\$448
*10 Year Finance (Mo.Charge)(F+M+E):	\$1,346
*20 Year Finance (Mo. Charge)(F+M+E):	\$1,079
Product Information	
Fixture Information (# and type):	15 Acrylic Acorn 175W MH
Pole Information (# and type):	15 15' Washington Concrete - Black
Construction Information	
Will Cust. Install conduit?	No
Linear Trench Footage:	3,200
Linear Bore Footage:	0
Will Cust. Bore?	No

This preliminary cost estimate for approximately **\$75,548.55** includes basic project information, and does not account for all aspects of construction (e.g., restoration). In order to proceed with a more detailed cost estimate, a non-refundable deposit for a detailed estimate in the amount of **\$1,511.00** will be required. Upon completion of the project, this deposit amount will be credited to your decorative streetlight account. This invoice becomes null and void after 180 days from invoice date.

Please remit your payment to:

Florida Power and Light Company
9250 West Flagler Street
Miami, Fl. 33174
Lou Perez

If you have any questions about this estimate, or need additional information on FPL's Decorative Street Lighting Program, please contact me at (305) 552-3914

Sincerely,

Lou Perez
Major Customer Manager



Decorative Streetlighting Non-Binding Cost Calculation and Deposit Invoice

May 8, 2007

Village of Key Biscayne
Mr. Armando Nunez
Director of Public Works
88 West McIntyre Street
Key Biscayne, Fl. 33149

Re: DSL Invoice ----->

Project Information
Grapetree Drive Decorative Street Lights
Grapetree Drive
Public Works
Key Biscayne - Miami / Dade

Total Project Cost	
Lump Sum:	\$38,761
Total Monthly Cost (Facility + Maintenance + Energy)	
*Franchise fees and taxes not included	
*Lump Sum (M+E):	\$231
*10 Year Finance (Mo.Charge)(F+M+E):	\$692
*20 Year Finance (Mo. Charge)(F+M+E):	\$554
Product Information	
Fixture Information (# and type):	8 Acrylic Acorn 175W MH
Pole Information (# and type):	8 15' Washington Concrete - Black
Construction Information	
Will Cust. Install conduit?	No
Linear Trench Footage:	1,500
Linear Bore Footage:	0
Will Cust. Bore?	No

This preliminary cost estimate for approximately **\$38,760.70** includes basic project information, and does not account for all aspects of construction (e.g., restoration). In order to proceed with a more detailed cost estimate, a non-refundable deposit for a detailed estimate in the amount of **\$775.00** will be required. Upon completion of the project, this deposit amount will be credited to your decorative streetlight account. This invoice becomes null and void after 180 days from invoice date.

Please remit your payment to:

Florida Power and Light Company
9250 West Flagler Street
Miami, Fl. 33174
Lou Perez

If you have any questions about this estimate, or need additional information on FPL's Decorative Street Lighting Program, please contact me at (305) 552-3914

Sincerely,

Lou Perez
Major Customer Manager



Traditional Series

Washington

Direct Embedded

In 1910 the Commission of Fine Arts in Washington D.C. designed the simple, classically fluted lighting standard on which Ameron's Washington pole is based.

Ameron's version of the classic design is available in durable, low-maintenance, prestressed and spun-cast concrete that retains its beauty for many years even in the most severe weather conditions.

Ameron's Traditional Series spun-cast, prestressed concrete lighting poles combine the charm of yesterday with today's technology. Available in a variety of configurations, colors and finishes, these poles provide architects and designers many creative options. All Ameron spun-cast concrete poles have our exclusive ten-year warranty. Durability with a classic touch.

General Information

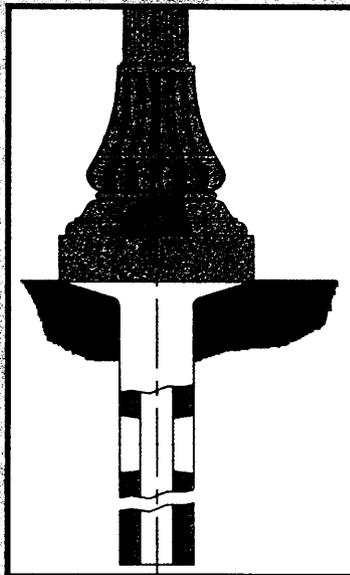
Ameron's Traditional Series poles are available in a variety of standard and custom configurations. Constructed with the highest quality prestressed concrete, these centrifugally cast, low-maintenance poles are strong, durable, and vibration resistant. Ameron poles conform to applicable sections of ACI, AASHTO, ASTM and UBC standards.

Surface Treatment

The concrete shafts are lightly blasted to expose the texture and beauty of the natural aggregates while maintaining sharp definition of details and patterns.

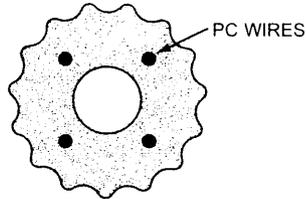
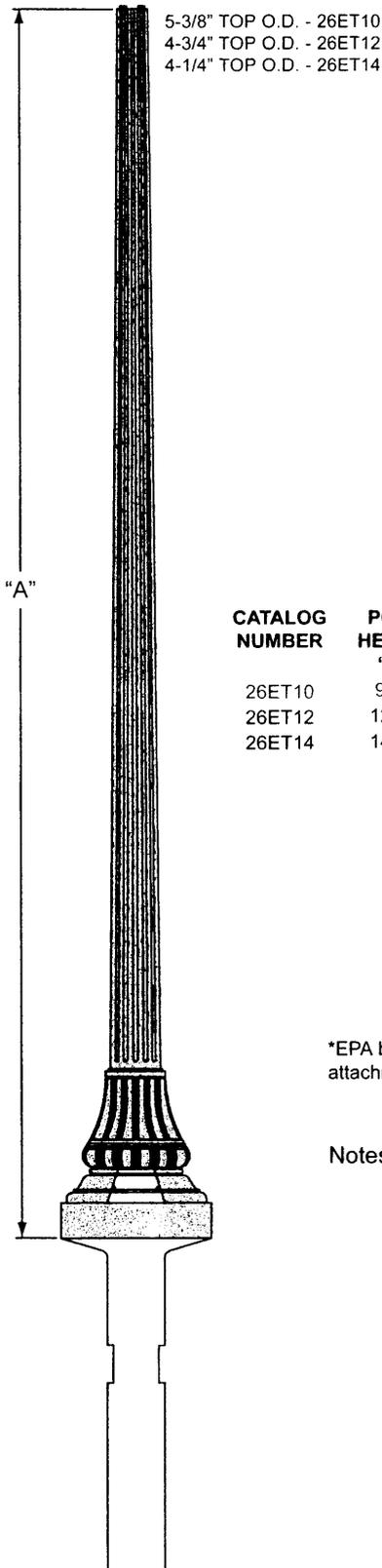
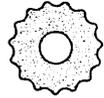
Colors and Finishes

Standard, pre-formulated and custom aggregate colors are available. See separate aggregate sheet for details. Ameron offers Amershield™, a premium graffiti-resistant coating, plus an assortment of durable sealers and protectants that further enhance colors, protect the concrete surface and aid in the removal of graffiti.

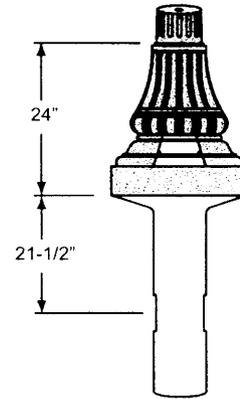




Traditional Series Washington Pole - Embedded



SHAFT CROSS SECTION DETAIL



ELEVATION

EMBEDDED STYLE - ORDERING INFORMATION

CATALOG NUMBER	POLE HEIGHT "A"	BASE O.D.	EMBEDDED DEPTH "B"	OVERALL LENGTH "OL"	ULTIMATE G.L. MOMENT (FT. LBS.)	WEIGHT (LBS.)	MAXIMUM EPA/MPH (SQ FT)*		
							80	90	100
26ET10	9'-6"	21"	4'-0"	13'-6"	7,500	710	12.0	10.0	8.0
26ET12	12'-0"	21"	4'-0"	16'-0"	7,500	740	12.0	10.0	8.0
26ET14	14'-6"	21"	4'-0"	18'-6"	7,500	770	7.0	6.0	5.0

*EPA based on post top mounting. Consult your representative for other attachment methods and increased load capacity requirements.

Notes:

SPECIFICATIONS

Use Contemporary Specifications.

LUMINAIRE MOUNTING

See Technical-Mounting Options Section for more information.

COLORS & FINISHES

See Color Selection Guide.

ANTI-GRAFFITI & SEALER

Optional Coatings available for added protection.

COLONY 1DA, 1MA
Asymmetrical
and Symmetric
Distribution
available

