

GREGORY C. LONG

REGISTERED LANDSCAPE ARCHITECT

Mr. Long is the President and Founder of Capitol Greenroofs, LLC. He has ten years of experience in the land development and architectural/engineering design industry. His area of expertise includes:

- Greenroof and low impact development (LID) site design and land planning
- Conceptual programming, charrette facilitation, and design guideline preparation
- Stormwater harvesting and low flow irrigation design
- Construction documentation and specification writing
- Construction administration and project management support
- Construction oversight and landscape maintenance scheduling
- Cost benefit analysis, value engineering, and budget estimation

Mr. Long is also experienced in forest conservation management and landscape plan preparation; and stream restoration and wetland reclamation. His project portfolio emphasizes many smart growth developments that incorporate civic, commercial, and residential uses.

PROFESSIONAL EXPERIENCE

Charles P. Johnson & Associates

March 1997-December 1999
Silver Spring, MD
Landscape Architect/Land Planner

Lessard Architectural Group

January 2000-April 2002
McLean, VA
Landscape Architect/Land Planner

LandDesign

May 2002-August 2004
Alexandria, VA
Landscape Architect/Project Manager

Bowman Consulting Group

September 2004-March 2007
Alexandria, VA
Landscape Architect/Project Manager

PROFESSIONAL EDUCATION

Masters of Urban Planning and Natural Resources

Virginia Tech, 2001-present

B.S. in Landscape Architecture

Pennsylvania State University, 1991-1996

PROJECTS / WORK EXPERIENCE

Herrity Building Greenroof Demonstration Garden

Main responsibilities included the design development and construction detailing for a 5,500 sq. ft. interpretive center and roof garden on top of an existing parking structure at the Fairfax County Government Center in Virginia. Programmatic elements included the design of a stormwater monitoring and harvesting system, low flow drip irrigation system, interpretive signage, and hardscape and planting design.

George Mason University Greenroof/Food Production Facility

Prepared the design program and design development package for a 6,020 sq. ft. roof garden which will be used to grow produce for the University's cafeteria. Main responsibilities included the facilitation of the design charrette/workshop and schematic design package.

Alexandria Department of Health Greenroof Retrofit

Provided project management, construction administration and supervision for the installation of a 4,800 sq. ft. semi-intensive greenroof. This project was unique in that we designed a system that had the capacity to store 3" of rain on the building's roof.

Palazzo Condominium Roof Retrofit

Provided construction supervision and landscape maintenance for an eight story 8,400 sq.ft. extensive greenroof. Installed a temporary irrigation system for the project and prepared the landscape planting plan. I helped to write and manage the VA DCR grant which we received for the project.

Eisenhower Center III Combined Greenroof and PV System

Prepared the landscape architectural plans and program development for a 7,000 sq. ft. extensive greenroof that would also support a 24 Kilowatt Photovoltaic array. Helped to obtain the creative "third party financing package".

700 6th Street

Provided coordination for the design of a 12,000 sq.ft. greenroof for a LEED Silver designed commercial building to be constructed in Fall 2007. Helped to prepare the specifications for the project and involved in the value engineering and budget review of the vegetated coverings.

PROFESSIONAL REGISTRATION

- Registered Landscape Architect, Maryland #3162
- Certified Landscape Architect, Virginia #1195

PROFESSIONAL REGISTRATION

- American Society of Landscape Architects, Potomac Chapter
- American Planning Association, Northern Virginia Chapter
- Congress for New Urbanism
- Greenroofs for Healthy Cities
- Urban Land Institute
- District of Columbia Building Industry Association
- United States Green Building Council, National Capital Region Chapter

ACCOMPLISHMENTS

Mr. Long has been actively involved in issues pertaining to regional stormwater management policy/planning issues in and around the Washington D.C. metropolitan area. He has been assigned to a task force/advisory group to assist the District of Columbia's newly formed Department of Environment to developing a newly proposed greenroof grant subsidy program. This incentive based "pilot grant project" would provide financing to help offset the costs of these systems for property owners and managers considering to install these systems as a form of greenroof infrastructure. Mr. Long is responsible for the technical preparation of a design handbook that will establish performance standards and recommend components to be installed for a variety of different greenroof systems. He has conducted numerous workshops, hosted greenroof bus tours and frequently give lectures on the subject of greenroof and LID design.

In 2005, Mr. Long consulted with Building Logics and a local non-profit "Lands and Waters" to win an award of excellence for the renovation of Yorktowne Condominiums in Falls Church, VA. This national award for an extensive residential greenroof has gained national attention as a light weight cost effective alternative roofing system that could be easily incorporated into the land development and building industry.