



## Fairfax Headquarters Eco-Tour

### WELCOME to the Northern Virginia Association of Realtors® headquarters.

This home for Northern Virginia's real estate professionals was designed and constructed in adherence to Leadership in Energy & Environmental Design (LEED) guidelines.

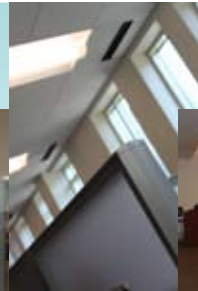
Developed by the U.S. Green Building Council (USGBC), LEED provides building owners a concise framework for implementing measurable green building design, construction, operations and maintenance solutions.

The LEED rating system allots points for the design and construction process. It promotes a whole-building approach to sustainability by recognizing construction strategies for:

- sustainable sites
- water efficiency, energy and atmosphere
- material and resources
- indoor environmental quality, and
- design innovation.

Tour our facility to learn how its construction and operations integrate features from each category.

## Sustainable Construction



#### UNDERGROUND PARKING:

- Reduces non-porous concrete area
- Permits more natural water absorption
- Added grassy coverage creates oxygen
- Reduces footprint



#### GREEN ROOF:

- Plants cool the air through evaporation
- Reduces "urban heat island effect"
- Soil filters and slows rainwater runoff



#### ECO-FRIENDLY MATERIALS:

- Rubber rooftop produced with recycled materials; white color reduces heat output
- Exterior recyclable brick made with abundant natural components
- Low-Volatile Organic Compound (VOC) floor coverings and paints minimize indoor air pollutants
- Steel components made from recycled content
- Woodwork sourced from local manufacturer
- Bamboo flooring



#### PASSIVE SOLAR & HVAC:

- Natural light reduces energy requirements
- Sunlight helps heat and cool building
- Low-e windows reduce radiant heat gain
- Energy Recovery Ventilators recover more than 90 percent of energy and filter air



#### LIGHTING & PLUMBING:

- Lighting is LED, fluorescent or HID metal halide
- Dyson Airblade hand dryers use 80 percent less energy
- Automatic faucet sensors and low-flow toilets
- Showers with low-flow shower heads



#### WORK AREAS:

- Centralized meeting areas to reduce footprint
- Interior glass office walls maximize natural light



#### Quick Contact

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## Sustainable Operations



### RECYCLING:

- Recycling areas in classrooms and public areas
- All kitchen paper products made with recycled-content materials
- More than 75 percent of construction waste recycled



### TECHNOLOGY:

- Classrooms and meeting spaces equipped for laptops to reduce use of paper



### CLEANING PRACTICES:

- Use of less-toxic cleaning products
- Eco-friendly cleaning practices
- "Walk-off" mats at building entrances

## Project Overview

**COST:** \$11.5 million

**ARCHITECT/DESIGN/ENGINEERING:**

PSA-Dewberry, Fairfax, VA

**LEED CONSULTANTS:** PSA-Dewberry

**GENERAL CONTRACTOR:** L.F. Jennings, Inc.

**PROJECT MANAGEMENT:**

Advanced Project Management, Inc.

**OCCUPANCY:** June, 2010

**LEED STATUS:** Application Pending



Visit our Green Resources page on [nvar.com](http://nvar.com) for information about introducing eco-friendly features into your home.

**Northern Virginia Association of Realtors®**  
Vinh Nguyen, 2010 Chairman of the Board  
Christine M. Todd, Chief Executive Officer

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