

COLLEGE OF GRADUATE & PROFESSIONAL STUDIES, BUILDING 2 AT THE UNIVERSITY OF MARY WASHINGTON

**Committed to
Promoting
Bio-Diversity and
Preserving Open
Space**

*Size: 42,850 S.F.
Budget: \$9,300,000
Bid: \$8,200,000
Completed: January 2007*



The second building on the University of Mary Washington Stafford campus expands the offerings at the College of Graduate and Professional Studies. This new facility provides additional classroom and computer laboratory space, faculty offices, support space, and a multipurpose hall to accommodate the growing enrollment and variety of instructional programs at the College, including their Master's of Business and Master's of Education programs.

The Leadership in Energy and Environmental Design (LEED®) "Green Building Rating System" version 2.1 was used as a guide for sustainable design. Strategies for securing the facility's certification included:

- Using white roofing and shading to reflect sunlight and reduce sunlight penetration.
- Diverting at least 90 percent of the construction waste from landfills.
- Installing a permanent "measurement and verification" system for all mechanical systems.
- Investing in extremely energy efficient lighting and HVAC systems, striving for a 20 percent reduction in energy usage compared to a "typical" building.
- Eliminating all ozone-depleting HCFCs and CFCs from the building's mechanical systems.
- Designing rooms and maintenance plans to include recycling for paper, plastic, glass, and cans.
- Using paints, sealants, carpets, and composite woods that have been certified by the Green Seal as containing reduced or eliminated volatile organic compounds.

