

PURSUIT OF LEED GOLD LEVEL CERTIFICATION INCLUDING A LIVING GREEN ROOF

800 West Broad

What is LEED®?

The Leadership in Energy and Environmental Design (LEED) Green Building Rating System™ encourages and accelerates global adoption of sustainable green building and development practices through the creation and implementation of universally understood and accepted tools and performance criteria.

LEED certification provides independent, third-party verification that a building project meets the highest green building and performance measures.

Living Green Roof

Our **living roof** is covered with a special growing media and planted with Sedums that slow and absorb the impact of rainfall. The evapotranspiration that occurs in the plantings also reduces the impact of urban heat island effect.

Reducing Urban Heat Island Effect

The urban heat island effect is an artificially warmed area around development that is due to reduced vegetation and heat absorption by dark pavement. A number of covered parking spaces and a **modified traffic coating on the deck surface to maximize reflectivity** reduces the impact of the heat island effect.

living green roof



Green Initiatives and Elements

Construction Activity Pollution Prevention

Including the diversion of construction waste to the recycling stream.

Optimization of Energy Performance

Certifies a minimal use of energy and loss through the use of building and system design (increased insulation and high efficiency HVAC). Use of **low-e windows** helps to prevent solar heat gain.

Encouragement of alternative transportation use

Through the inclusion of such features as bicycle storage and shower & changing rooms.

Promotion of a more healthy place to work

Through the use of items such as low emitting building materials (carpet, paint, glues, etc.) and increased ventilation.

Encouragement of a better place to live and work

With increased attention to thermal comfort and daylight views.

Innovation and responsibility in design

Including the use of recycled materials in construction and reductions in water use and the incorporation of Green Cleaning and Pest Management programs.

COMMUNITY IN ACTION:

Project Owner/Developer:
The Young Group

Architect & Site Architect:
Butz • Wilbern

Civil Engineer:
Walter L. Phillips, Inc. PE

LEED Consultants:
JDM Associates

Contractor:
Falls Church Construction Corp

The City of Falls Church

Businesses of 800 West Broad

LEED Certification

is Provided by:

USGBC

United States Green Building Council

For more information please visit their website:
www.usgbc.org