



The Johnson Education Center

One Preservation Place, Princeton, NJ 08540

A comprehensive resource for land preservation and stewardship

Green Features at the Johnson Education Center

RECYCLED, RAPIDLY RENEWABLE & LOW VOC MATERIALS

- Reuse of historic barn structure.
- Reuse of existing brick pavers at front & rear entry.
- Bluestone pavers used in construction of outdoor terraces and walkway reclaimed via donation from Princeton University.
- Desks and other counter tops made from formaldehyde free wheat straw particle board.
- Cork and linoleum flooring in common areas and meeting rooms.
- Use of Low VOC paints and other finishes.
- Solar array. Rebate application filed Fall 2007.

OTHER SUSTAINABLE BUILDING ELEMENTS

- Light fixtures use predominantly compact fluorescent bulbs.
- Occupancy sensors used to control lights in most areas.
- Emergency lighting kept to building code minimum to reduce electrical use.
- Light sensors and timers used to control exterior lighting.
- Low flow plumbing fixtures with motion sensor controls.
- High efficiency heating and cooling system with computerized control system.
- Individual heat pumps used to allow customized heating and cooling in office areas and common rooms.
- Operable *Energy Star*-rated windows throughout building.
- Operable windows in roof monitors allow for convection cooling in transitional months.
- *Energy Star*-rated appliances.

SITE IMPROVEMENTS

- Local stone used in construction of outdoor terrace walls.
- Parking area limited to existing area of impervious surface. Additional parking spaces created by use of *grasscrete* pavers.
- Shared overflow parking in Greenway Meadows Park.
- Site development retained existing tree coverage to the greatest extent possible.
- Special construction techniques, including hand laid stone and pavers, were used to limit disturbance of existing tree roots cause by invasive construction techniques and/or machinery.
- New plantings of native plants selected to help control invasive species, limit irrigation and reduce potential deer damage.
- No underground irrigation system.
- No chemical pesticides used in maintenance of landscape.
- On-site forest restoration demonstration area.

OTHER SUSTAINABLE INITIATIVES

- Organizational *Green Committee* formed in 2007 to look at sustainable initiatives in the workplace.