



• GREEN SOLUTIONS FROM WESTON

Weston Solutions, Inc., (WESTON®) offers a broad range of sustainable design and construction services as well as innovative technologies, which are collectively referred to as "Green Solutions." WESTON can assist property owners, architects, and design professionals with planning, engineering, and construction of high-performance facilities.



A GreenGrid® green roof can boost your building's economic and environmental performance

Sustainability has moved to the forefront of societal debate and is widely viewed as critical to the well-being of future generations. The depletion of natural resources, increased demand and cost of energy, and the impact of greenhouse gases on climate are real threats that have garnered serious global attention. Sustainable or "green" building design is one part of the solution that is now mainstream. Successful projects must achieve superior environmental performance as well as economic results. Although not always easily quantified, environmental benefits can contribute significantly to enhanced workplace productivity and life-cycle performance. Incentives to promote and facilitate green building technologies are being introduced at all levels of government and industry.

The sustainable design and construction process integrates the use of products and techniques in a systems approach. The project outcome is typically less disruptive to the environment because it employs energy efficiency, adaptive reuse or renovation, and automation. WESTON can assist facility owners and service professionals by bundling green products and technologies into comprehensive sustainable solutions.

PRINCIPLES IN SUSTAINABILITY

The principles of sustainable design and construction are not new. Some of the more familiar approaches include:

- Energy Conservation and Efficiency
- Improved Indoor/Outdoor Air Quality
- Advanced Thermal, Lighting, and Mechanical Systems/Controls
- Redevelopment, Reuse, and Renovation Instead of New Construction
- Waste Minimization, Recycling, and Salvage

However, true "greening" of the built environment also requires consideration of more advanced and innovative concepts such as:

- Reducing Heat Island Effects
- Water Resource Planning and Reuse
- Watershed Protection and Stormwater Management
- Renewable Energy or Alternative "Green Power"
- Natural Resource Conservation

GREEN SOLUTIONS FROM WESTON

GOING GREEN IS SMART BUSINESS

WESTON can participate in the planning, design, and implementation of Green Solutions in a variety of ways, including:

- Land Use Planning, Development, and Revitalization
- Environmental Design Engineering and Permitting
- Building Systems Design—Civil, Mechanical, Electrical, and Instrumentation
- Geotechnical Engineering, Hydrogeology, and Brownfield Redevelopment
- Indoor Air Quality Monitoring and Controls
- Green Roof Design and Installation
- Water Reuse, Distribution, and Supply
- Consulting and Certification in the Leadership in Energy and Environmental Design (LEED®) Program
- Renovation of Non-Productive Assets

BENEFITS TO OUR CLIENTS

- **Environmentally responsible solutions** that minimize resource consumption and protect water and air quality
- **Maximum energy savings** using innovative, sustainable products and technology
- **Improved work environment and increased productivity** through environmental design , product stewardship, and efficient, healthy workplaces
- **Reduced greenhouse gas emissions** through renewable generation, efficient energy use, and green roof technologies
- **Competitive advantage** through implementation of sustainable design principles and life-cycle analysis

REPRESENTATIVE PROJECTS:

WESTON delivers experienced teams and innovative technologies to solve emerging, complex problems. We first seek to understand our client's priorities and expectations, and then deliver solutions that emphasize positive environmental and economic performance. Relevant projects are profiled below.

- ▶ WESTON designed and built an innovative groundwater remediation facility within an existing, under-utilized facility. The project included renovation and reuse of 100% of the existing structure using sustainable principles such as energy efficiency, day lighting, stormwater management, reuse and recycling. The treatment process includes high-efficiency motors, and automated controls for air ventilation, lighting, and mechanical systems. The project was certified "Gold" using the Sustainable Project Rating Tool (SPiRiT) developed by the U.S. Army Corps of Engineers.
- ▶ WESTON has completed numerous green roof projects involving the GreenGrid® System, an innovative green roof technology. This sustainable product is made from recycled materials and has many advantages compared to traditional, built-in-place green roofs, particularly because of its modular construction and simplicity. The GreenGrid® System is less expensive and arrives pre-planted and ready for installation, reducing cost and installation schedules.

▶ For More Information, Contact:

www.westonsolutions.com

www.greengridroofs.com

Your local WESTON office: <http://www.westonsolutions.com/about/locationstext.htm>

E-mail: info@westonsolutions.com

1-800-7WESTON

GreenGrid® System is a proprietary technology and trademark of American Builders and Supply Co., Inc. WESTON is the licensee of the GreenGrid® System.

▶ [Click To WESTON On The Web](http://www.westonsolutions.com) www.westonsolutions.com

an employee-owned company

