

# Wisconsin Green Building Project Profile

## Green Building Awards

Category: LEED Certification - Silver

### Bergstrom smart center Milwaukee

11340 West Metro Boulevard

Milwaukee, WI 53224

#### BACKGROUND

The Bergstrom Smart Car Dealership is the 1<sup>st</sup> LEED-NC car dealership in the state. This new 7,300 square foot facility sits on a site just under 2 acres and is completely dedicated to selling Smart Cars.

With the mindset of a smart car, the environment and ecological footprint was considered in the facility design concept. By reusing a portion of the site previously occupied by Hummer, and by making only minor changes to the site itself, the facility makes a deliberately small impact on the surrounding environment.

Building efficiency was important due to the fact that Smart Cars are also energy efficient. When designing the facility, much attention was focused on natural lighting as well as the building products used on site.

A focus on lean staffing makes the entire operation more efficient and minimizes the demand on nearly every resource.

#### RESULTS

The project site was an existing parking lot on a Bergstrom owned property. No additional parking spots were added and of the 68 stalls, 49 are for inventory. Of the remaining 19 stalls, two are reserved for low-emitting and fuel-efficient vehicles and two are reserved for carpool vehicles.

More than 50% of the site was planted with completely native and adaptive plants, eliminating the need for any type of irrigation. It also includes a large retaining wall to assist in erosion control.

Water efficient plumbing fixtures were installed throughout the new facility providing a potable water savings of over 40%.

A total of 99.4% by weight of the construction waste materials were diverted from the landfill during the construction of this project, including the reuse of the existing asphalt on site as a base course, and the sale of an existing block retaining wall.

The facility boasts extensive daylight on the interior and views to the outdoors for the employees because of its vast array of windows.

Interior and exterior lighting is controlled by a computerized panel that takes into account the length of days, modifying itself constantly with consideration for the seasonal position of the earth and time zones.

Lights in the display tower and showroom all have daylight sensors to reduce the energy needs of the facility and improve the interior environment for the employees and customers.

All paint, finishes and adhesive materials are low VOC that were used on the interior to reduce the quantity of indoor air pollutants.

Bathroom towels are selected for their post-consumer content, cleaning products for their earth-friendliness, the toner cartridges are reusable, and correspondence is sent on letterhead made from recycled materials.

#### PROJECT INFORMATION

Date of Completion: 2008

Architect: Brannin Gries, Gries Architectural Group Inc

Owner: Bergstrom Corporation

General Contractor: Boldt Construction

Consultants:

- Energy: WE Energies
- Structural: Brian Endter, Larson Engineering of Wisconsin
- Landscape: John & Hans Lamm, LammScapes
- Civil Engineer: Paul Taivalkoski, National Survey & Engineering
- Electrical: Eric Siebers, Boldt Technical Services
- Plumbing: James Lagina, Lagina Plumbing
- HVAC: John Yacykowicz, J.F. Ahern Company
- Project Manager: Tony Meeuwsen, Oscar J Boldt Construction
- Commissioning: Steven Carlson, CDH Energy Corporation



For more information about the building please check out the Smart Center website at: <http://www.smartcentermilwaukee.com/> and Bergstrom Automotives website at: <http://www.bergstromauto.com/>