Cleveland Clinic is dedicated to building and operating healthy environments for work and healing. Because of this commitment, we are proud to announce that the East 89th Street Garage and Service Center has been awarded LEED for New Construction Silver Certification.

What is LEED Certification? LEED, or Leadership in Energy and Environmental Design, is an internationally-recognized green building certification system which promotes sustainable building and development practices.

The East 89th Street Garage and Service Center was awarded points in the following areas:

**Sustainable Sites** 10 points out of 14 possible

The project was constructed in midtown Cleveland to utilize pre-developed, fully-paved land and link occupants to local amenities and neighborhoods. The post-developed site creates 40% more open green space, reducing storm water run-off by more than 25%. All of the hazardous materials found on site were abated, creating a healthier project building site.

*continued on reverse*
Water Efficiency  2 points out of 5 possible
Through the use of a water efficient irrigation system the site’s water usage is minimized. All standard Cleveland Clinic fixtures were replaced to reduce water use by 20%.

Energy and Atmosphere  4 points out of 17 possible
Designers used energy modeling throughout the design process to find the best energy saving methods. The new construction is greater than 10.5% more efficient than codes require. The building’s HVAC equipment was modified to reduce the use of ozone depleting refrigerants, making the system safer for the ozone layer.

Materials and Resources  6 points out of 13 possible
Extracting, transporting, manufacturing and disposing of construction materials are a large part of the environmental impact of a building. Extra effort was made to source regionally manufactured materials that have the maximum amount of recycled content. More than 86% of construction waste was diverted from landfills during the construction process.

Indoor Environmental Quality  7 points out of 15 possible
Systems were designed to provide and control a high quality environment indoors for patients, caregivers and families. Improved air quality is achieved by using the construction phase air quality program designed to protect HVAC equipment from construction contamination and test air quality prior to occupancy. All sealants, paints, adhesives, carpet and composite products inside the building are required to meet or exceed the reduced emissions levels outlined by LEED. To create a high quality indoor atmosphere, the lighting system was designed to maximize control and comfort for occupants.

Innovation in Design  5 points out of 5 possible
Through application of the Cleveland Clinic principle of innovation, the facility was designed to stand a head above the rest. A policy was created to reduce environmental impact even in daily tasks such as cleaning. The center’s design has received points for exemplary performance in water use reduction and construction waste management. The project benefited from input of more than five LEED Accredited Professionals, who made every effort to create a building best suited for providing world class care, to both patients and the environment.

Healthy Buildings at Cleveland Clinic
We are committed to designing and building safe, green buildings using the US Green Building Council’s LEED system and evidence-based design, which results in healthier environments in which to work and heal.

To date, two Cleveland Clinic Health System projects have achieved LEED Green Building Certifications, and several more are nearing completion. All new major construction projects follow LEED standards, with certification as our minimum and silver certification as our target.

We send all our facilities and construction debris on projects large and small to be recycled, and we are achieving 76 percent to 98 percent diversion rates. We executed our first two responsible demolition projects in 2009, diverting 76 percent or more of each building’s total debris.

PROJECT VITALS
BUILDING OWNER
Cleveland Clinic
ARCHITECT
Bostwick Design Partnership
STRUCTURAL ENGINEER
Desman & Associates
MEP ENGINEER
Karpinski Engineering
LANDSCAPE ARCHITECT
Cawrse & Associates
CIVIL ENGINEER
Michael Benza & Associates
CONSTRUCTION MANAGER
Donley, Inc.

PROPERTY AREA 5 acres
BUILDING AREA
61,538,326 square feet
BUILDING FOOTPRINT AREA
212,791 square feet
LEED CERTIFICATION
LEED NC v2.2 Silver Rating
CONSTRUCTION SCHEDULE
Complete October 2008