

GOING GOLD



800
EAST MOREHEAD STREET

Charlotte, North Carolina 28202

Our new headquarters in Charlotte has been awarded LEED Gold certification.

The building features high-efficiency components, locally-sourced materials, recycled content and a vegetative roof.

James B. Duke

THE DUKE ENDOWMENT



A sustainable site

Strategies that minimize the impact on ecosystems and water resources.

- Development avoided sensitive or vulnerable land
- Vegetative open space exceeds local zoning requirements by 948 percent
- Underground parking mitigates the urban heat island effect



Water efficiency

Promotes smarter use of water and reduces consumption.

- Green roof retains rainfall to minimize runoff
- Low-flow fixtures reduce potable water use by 40 percent
- 20,000 gallon cistern captures and stores rainwater to reduce irrigation demand by 80 percent



Energy and atmosphere

Innovative strategies improve energy performance.

- Natural light, LED and task lighting and multi-zone temperature control reduce energy costs, minimize emissions and mercury content
- The building's orientation mirrors the sun's path, allowing large windows to capture abundant natural light, while saving energy and costs
- Purchases of Renewable Energy Credits offset emissions



Materials and resources

Sustainable building materials reduce waste, while indoor quality credits create better air quality and access to daylight and views.

- 20 percent recycled content
- 46 percent regional content
- Low-emitting paints, coatings, adhesives, sealants, carpet, padding, and hard-surface flooring exceed environmental requirements



Infrastructure and buildings

Reduces the environmental consequences of the construction and operation of buildings and infrastructure.

- 60 local companies used
- 725 local people employed
- 85 percent construction waste recycled