



## North Carolina Botanical Garden

### Site Selection and Design

- ✦ Efficient solar orientation
- ✦ Minimal disturbance to grade
- ✦ Protection of existing vegetation

### Water Conservation

- ✦ Water-efficient native landscaping
- ✦ Low-flow plumbing
- ✦ Stormwater conservation and re-use
- ✦ Rainwater cisterns
- ✦ Rainwater gardens and retention swales

### Renewable Energy and Energy Conservation

- ✦ Geothermal wells for efficient heating and air-conditioning
- ✦ Photovoltaic panels
- ✦ Solar water-heating panels
- ✦ Natural lighting
- ✦ Sensors will automatically dim lights when daylight is strong

### Building Materials

- ✦ To minimize transportation costs and carbon dioxide emissions, and to stimulate local economies, all materials will be locally and sustainably produced
- ✦ No wood will come from old growth forest; all will be from certified sustainable forests

LEED® Facts	
Botanical Garden Visitor Education Center - Chapel Hill NC	
LEED®-NC 2.2	
Certification awarded December, 2010	
<b>Platinum</b>	<b>52*</b>
Sustainable Sites	10/14
Water Efficiency	5/5
Energy & Atmosphere	15/17
Materials & Resources	6/13
Indoor Environmental Quality	12/15
Innovation & Design	4/5
*Out of a possible 69 points	