

CHEROKEE

Summary of LEED Features in Cherokee's Platinum-certified Space

Site and Landscaping

- Proximity to several bus lines, including downtown bus hub
- Walking distance to dozens of amenities
- Shower room and bike storage area to encourage alternative transit options
- Water-efficient landscaping in the courtyard
- No added parking
- Sensitivity to limiting nighttime light pollution

Materials

- Built-in areas for recycling
- More than 50% of office wood products from FSC-certified forests
- Reuse of more than 60% of the existing building interior
- Reuse of an existing historic building, which is debatably the greenest building material
- Diversion of more than 85% of construction and demolition waste from the landfill through recycling and reuse
- Interface carpet tiles with high recycled content
- Use of antique wool rugs
- Outdoor furniture made of FSC-certified wood
- Reclaimed heart pine used for cladding certain walls
- High level of attention to material selection, emphasizing local purchases where possible (e.g., reused wood from dilapidated homes in Eastern NC) and high recycled content (e.g., more than 80% recycled content in workstations)

Energy & Atmosphere

- No CFC-based refrigerants used in the HVAC
- High-efficiency lighting, including motion and daylight sensors
- High-efficiency HVAC – 25-30% energy reduction compared to standard HVAC in this setting
- Daylight and views to the outside for more than 70% of occupants
- Highly insulating (substantially better than standard installations), white, reflective, Energy
- Star-certified roof to reduce summer heat gain
- Wind energy purchase to offset 100% of energy use (not just electricity)
- More than 60% reduction in energy use and 40% reduction in the materials for the server and
- IT systems due to innovative design
- All new office equipment purchased to be ENERGY STAR-certified

- where relevant
- More than 90% of relevant appliances are ENERGY STAR-qualified
- Solar thermal panel on roof

Indoor Air Quality

- Green cleaning program with Greenseal certified products – often, green building programs pay great attention to low-VOC (volatile organic compounds) products in construction and then use high-VOC products daily or weekly to clean the office.
- Construction indoor air quality program followed to protect workers and future indoor air quality
- No- or low-VOC paints, adhesives, sealants, composite wood, furniture, and carpet
- Indoor air quality tested by a third party prior to occupancy to ensure high quality air for employees

Water

- 80% reduction in faucet water use (0.5 gallons per minute plus automatic sensors)
- 20% reduction in toilet water use
- Waterless urinals
- Total water use reduction greater than 40%