

LEED for New Construction & Green Globes Overview



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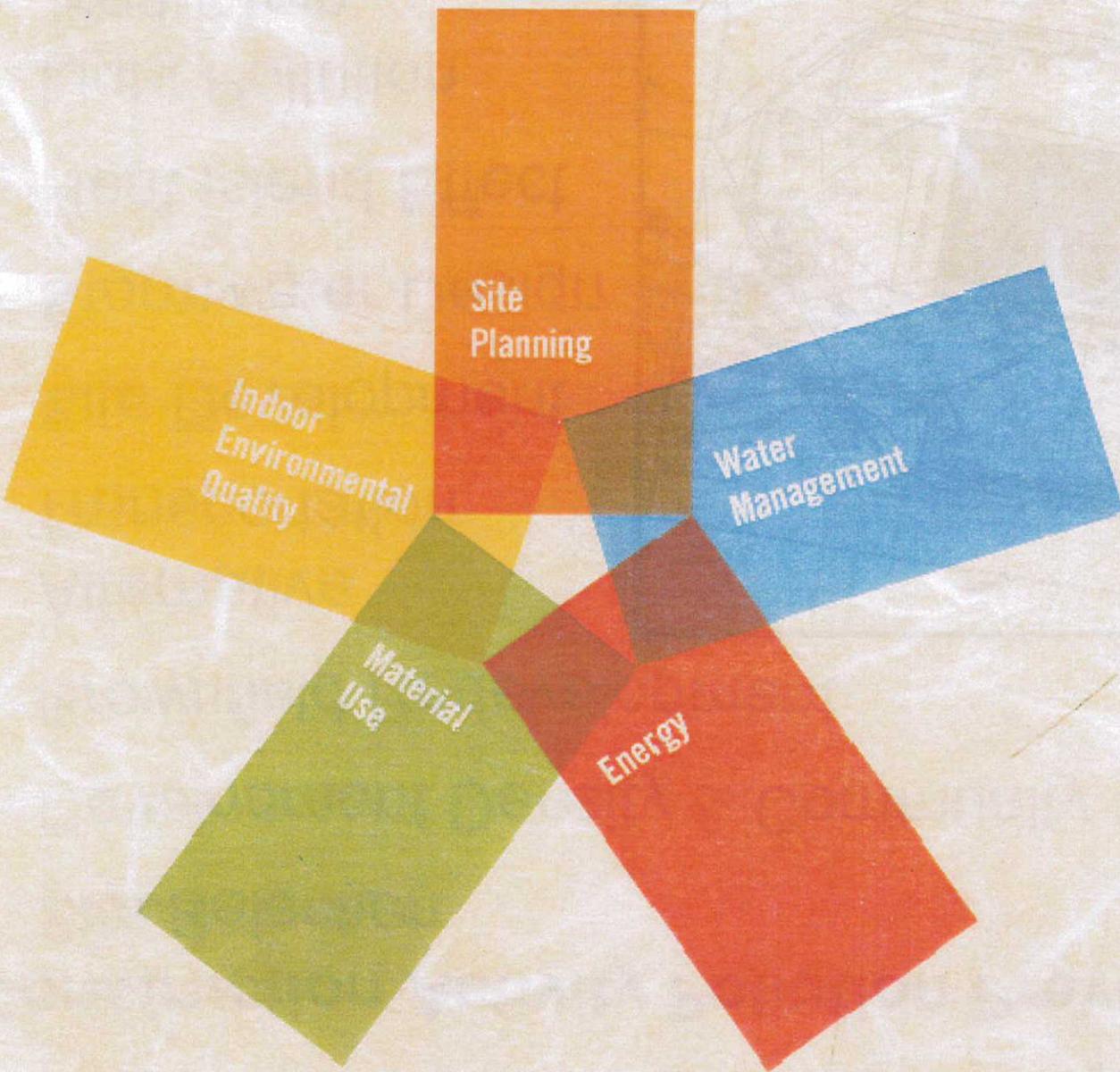


What is LEED?



Leadership in Energy and Environmental Design (LEED)

is a national rating system for developing high-performance and sustainable buildings that was developed by the United States Green Building Council (USGBC).

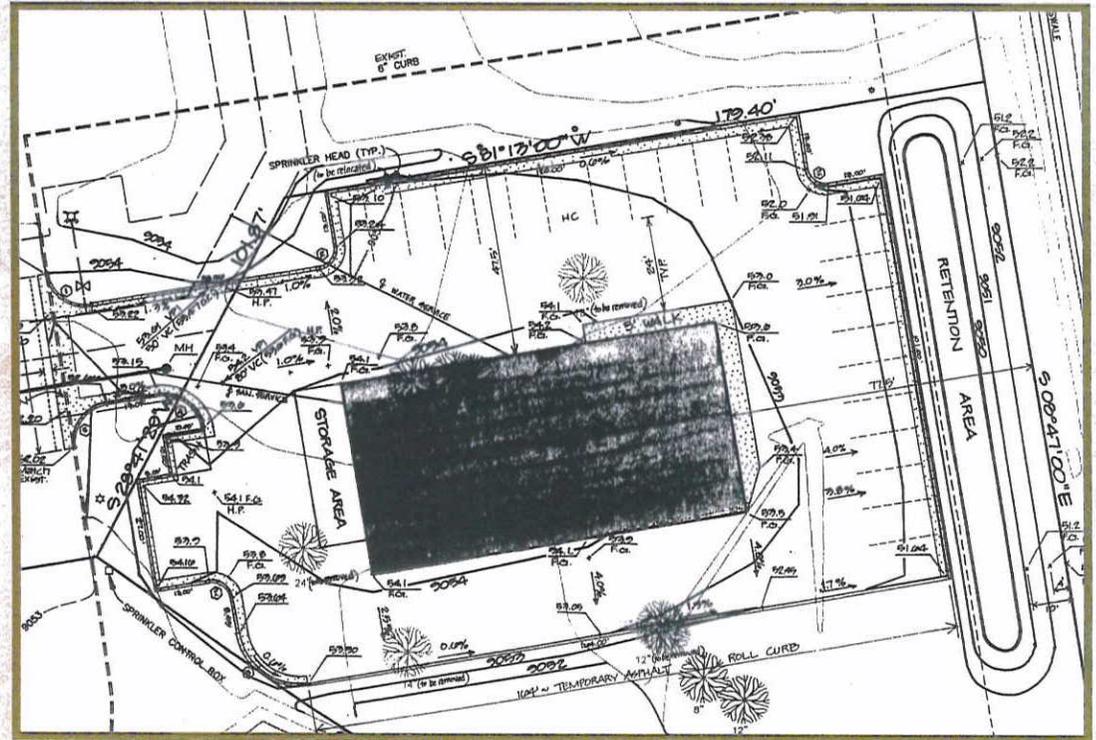


LEED
addresses
strategies
in five
categories

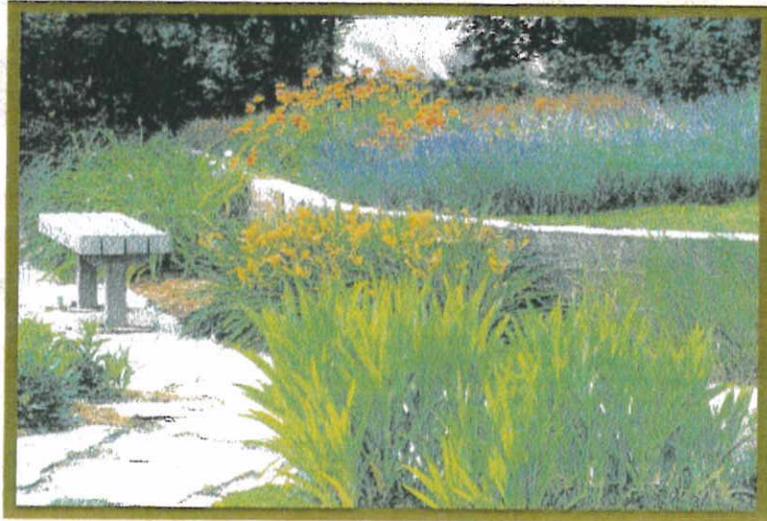
Sustainable Sites (SS) – 14 pts

Construction Activity Pollution Prevention (Req)

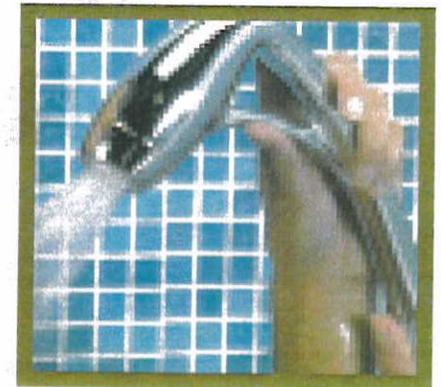
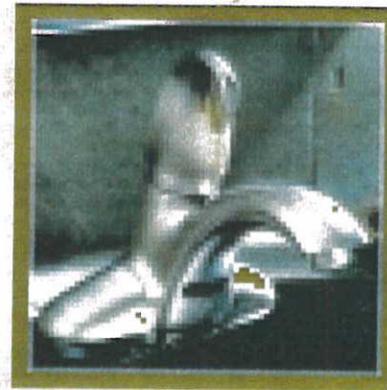
- Site Selection
- Development Density & Community Connectivity
- Brownfield Redevelopment
- Alternative Transportation
- Site Development
- Stormwater Design
- Heat Island Effect
- Light Pollution Reduction



Water Efficiency (WE) – 5 pts



- Water Efficient Landscaping
- Innovative Wastewater Technologies
- Water Use Reduction



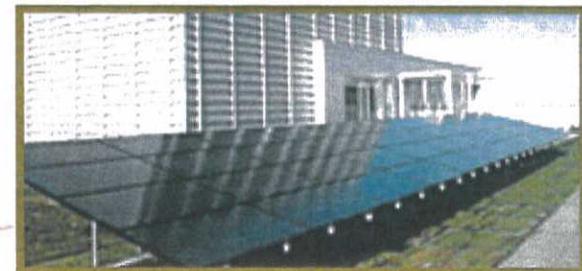
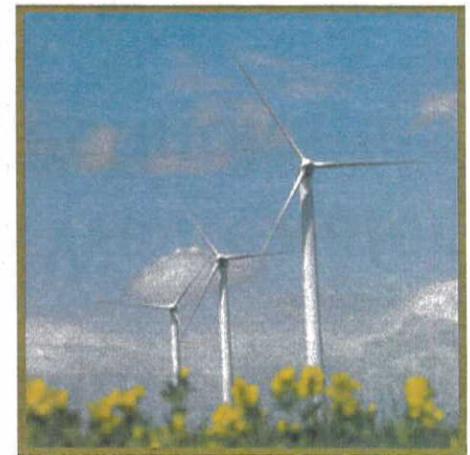
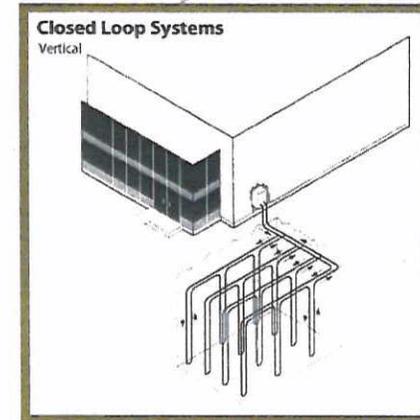
Energy & Atmosphere (EA) – 17 pts

Fundamental Commissioning of Bldg Energy Systems (Req)

Min. Energy Performance (Req)

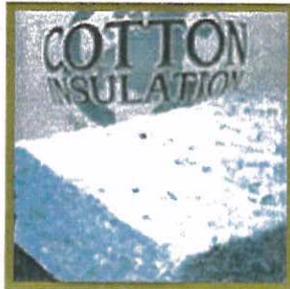
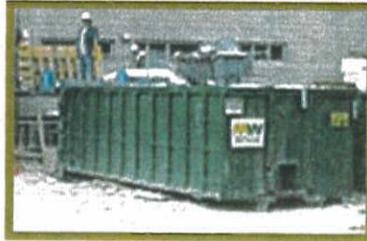
Fundamental Refrigerant Mgmt (Req)

- Optimize Energy Performance
- On-Site Renewable Energy
- Enhanced Commissioning
- Enhanced Refrigeration Mgmt
- Measurement & Verification
- Green Power



Materials & Resources (MR) – 13 pts

Storage & Collection of Recyclables (Req)



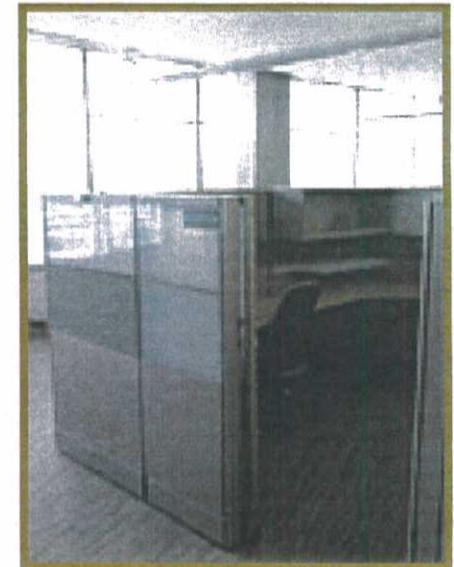
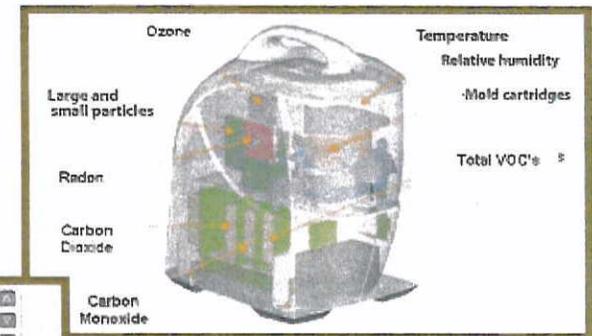
- Building Reuse
- Construction Waste Mgmt
- Materials Reuse
- Recycled Content
- Regional Materials
- Rapidly Renewable Materials
- Certified Wood

Indoor Environmental Quality (EQ) 15 pts

Minimum IAQ Performance (Req)

Environmental Tobacco Smoke (ETS) Control (Req)

- Outdoor Air Delivery Monitoring
- Increased Ventilation
- Construction IAQ Mgmt Plan
- Low-Emitting Materials
- Indoor Chemical & Pollutant Source Control
- Controllability of Systems
- Thermal Comfort
- Daylighting & Views



Innovation & Design Process (ID) - 5 pts

- **LEED Innovation Credits 1-4 pts**

Active LEED / Green Educational Components

High Volume Fly Ash

Building Downsizing

Organic Landscaping Techniques

LEED Online Credit Interpretations (CIRs)

- **LEED Accredited Professional 1 pt**

The United States Green Building Council has four levels of LEED Commissioning:



THE END

QUESTIONS..

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