Renovation of the Center for Neighborhood Technology

Chicago, IL
Center for Neighborhood Technology (CNT)

- Based in Chicago
- Established in 1978
- Promote sustainable development in local communities and across the country
- Signature approach called “Hidden Assets”
CNT Renovation

• Move into an 80-year-old textile factory building in 1987 in Northwest of Chicago
• Outgrow the building by 2000
• Decided to renovate the building with Platinum LEED rating
Renovation Concept and Design

• Uncover the hidden assets in existing building
• The main concept is to increase occupancy capacity without adding building mass or height
• Modify existing building to be sustainable for future use
• Creative use of space, light, color, textures and contrast
• Resource-conserving design, installation of systems to reduce peak demand for utilities
Major Sustainable Features
Site Sustainability

- 90% of the building structure was reused
- Location close to Chicago train station
- Large capacity bike garage
- Light-colored rooftop
- Storm water management
Major Sustainable Features
Energy Management

• Alternative energy resource (solar panel, wind energy)
• Energy Star ® appliances
• Occupancy sensor and zone control
• Maximum insulation
Major Sustainable Features
Innovation

• Ice storage tank cooling system
• Innovative bike storage system
• Multiple dimming option light fixtures