

USGBC Core Purpose:

To transform the way buildings are designed, built and operated, enabling an environmentally and socially responsible, healthy, and prosperous built environment that improves the quality of life in communities.

Who is the U.S. Green Building Council?

- National nonprofit established in 1993
- Over 5800 member organizations – businesses that design, construct, manage, finance, insure and own buildings, and government agencies and nonprofits
- The developer of the LEED® (Leadership in Energy and Environmental Design) Green Building Rating System, the standard for defining green building

What is LEED?

A voluntary, consensus-based national standard for developing high-performance, sustainable buildings

- Provides a complete framework for assessing building performance and meeting sustainability goals
- Based on well-founded scientific standards
- Emphasizes state-of-the-art strategies for
 - sustainable site development
 - water savings
 - energy efficiency
 - materials selection
 - indoor environmental quality
- Developed by USGBC members from all segments of the building industry, who continue to contribute to its evolution.

LEED standards are currently available or under development for:

- New commercial construction and major renovation projects (LEED-NC)
- Existing building operations (LEED-EB)
- Commercial interiors projects (LEED-CI)
- Core and shell projects (LEED-CS)
- Homes (LEED-H)
- Neighborhood Development (LEED-ND)

U.S. Green Building Council
www.usgbc.org
 Build green. Everyone profits.

Photo: © Frank Oms Photographer



LEED-NC Gold EPA Science and Technology Center, Kansas City, Kansas



LEED-NC Gold National Park Service Midwest Regional Headquarters, Omaha, Nebraska



LEED-NC Silver OSHA Salt Lake Technical Center, Sandy, Utah

Alfred A. Arraj U.S. Courthouse Denver, Colorado

The Alfred A. Arraj U.S. Courthouse is another in GSA's continuing commitment to Design Excellence, a program to attract the best design talent available in order to create outstanding facilities to serve the American public. The courthouse, designed by HOK and Anderson Mason Dale Architects, houses the U.S. District Court for the District of Colorado and the U.S. Marshals Service.

- Site: 2.5 acre urban block (10,117 square meters)
- Size: 318,850 gross square feet (29,625 gross square meters), 235,716 rentable square feet (21,900 rentable square meters)
- Tower: 10 stories above grade, 229 feet (70 meters)
- Pavilion: 2 stories above grade, 51 feet (16 meters)
- Design contract awarded: 1994
- Funds Appropriated/Design Developed: 1997
- Construction commenced: 2000
- Construction completed: 2002

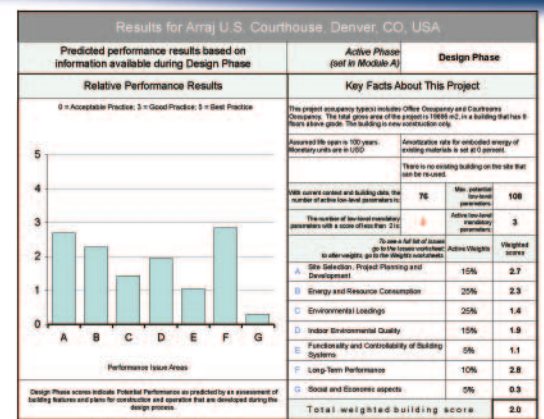
Project Goals:

- Reduce electrical demand by 50%
- Provide daylighting to all building occupants
- Maximize reusable products
- Maximize flexibility to accommodate change
- Minimize construction waste
- Provide a healthy and productive work environment



Photo: © Frank Oms Photographer

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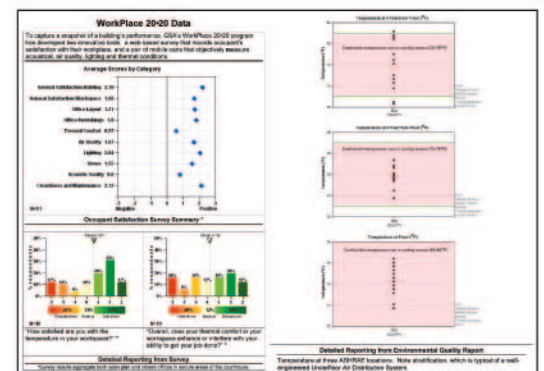


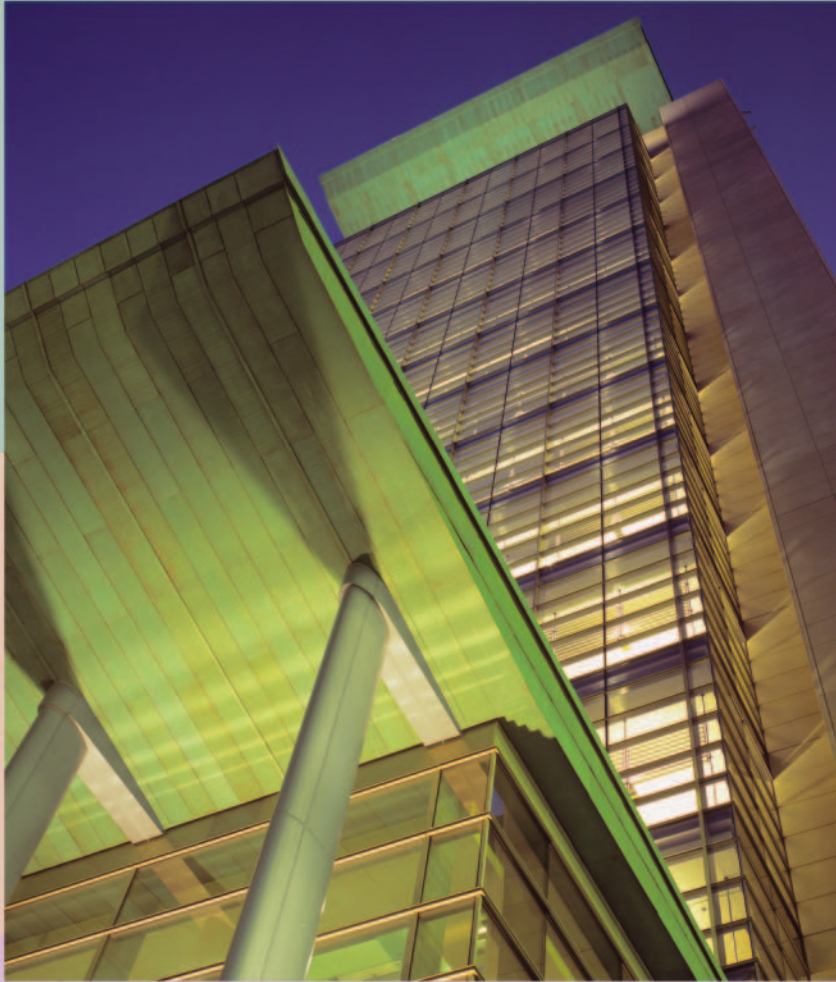
DRAFT LEED-NC Version 2.1 Project Checklist

Alfred A. Arraj U.S. Courthouse
Denver, CO

This project is registered only. It has not achieved certification from USGBC.

Prerequisite	Requirement	Points	Notes
1	1.1 Analyze & Select Materials	1	1.1.1 Analyze & Select Materials
2	2.1 Water Efficiency	2	2.1.1 Water Efficiency
3	3.1 Energy Efficiency	3	3.1.1 Energy Efficiency
4	4.1 Indoor Environmental Quality	4	4.1.1 Indoor Environmental Quality
5	5.1 Sustainable Sites	5	5.1.1 Sustainable Sites
6	6.1 Regional Priority	6	6.1.1 Regional Priority
7	7.1 Innovation in Design	7	7.1.1 Innovation in Design
8	8.1 LEED Accredited Professional	8	8.1.1 LEED Accredited Professional





U.S. Courthouse, Seattle, Washington



Federal Office Building, San Francisco, California



Federal Office Building, Oklahoma City, Oklahoma



Shared Port-of-Entry, Sweet Grass, Montana / Coufts, Alberta



Metzenbaum U.S. Courthouse, Cleveland, Ohio

U.S. General Services Administration (GSA)

GSA is the United States Government agency that helps other agencies serve the public by offering superior workplaces, expert solutions, acquisition services, and management policies.

Public Buildings Service (PBS)

PBS's mission is to provide a superior workplace for the Federal worker and superior value for the American taxpayer. PBS provides workspace and workplace solutions for over one million Federal civilian workers in more than 100 Federal agencies. PBS is the largest public real estate organization in the United States.

- Owned inventory of over 1,600 properties (179 million square feet or 16.6 million square meters)
- Leased inventory of over 7,100 building properties (158 million square feet or 14.7 million square meters)

New Directions

GSA is focusing increasingly on adding value through new, efficient, and effective ways for Federal employees to do their work.

Sustainable Design

GSA is committed to incorporating principles of sustainable design and energy efficiency into all of its building projects. It is GSA's intent that sustainable design will be integrated as seamlessly as possible into the existing design and construction process.

GSA utilizes the Leadership in Energy and Environmental Design (LEED®) Green Building Rating System to help apply sustainable design and development principles to facilities projects. All new GSA building projects must be certified through the LEED® rating system and a Silver LEED® rating is encouraged.

WorkPlace 20-20

WorkPlace 20-20 is GSA's program to foster workplace design by discovering an organization's culture and strategic goals before space design begins. WorkPlace 20-20 tests the premise that workspace is far more than overhead; it is a critical strategic tool to enhance organizational effectiveness.

The research component includes organizational and physical baseline measures, as well as detailed work-style and customer satisfaction surveys. GSA anticipates that more effective, easily adaptable space will also prove to be more sustainable.

For more information visit www.gsa.gov and www.gsa.gov/sustainabledesign