

The W H O L E B U I L D I N G D E S I G N G U I D E

At a Glance

“It is imperative that each building be designed so that all components comprise an integrated solution, that operation of the facility, energy usage and other criteria may be maximized.”

—U.S. GSA Facilities Standards for the Public Buildings Service, 2003

What Is the WBDG?

The WBDG Web site:

- Provides **single-point access** and use of facility information in a knowledge-based management environment
- Provides an overview of the **various topics, concepts, and “best practices” associated with good integrated, or ‘whole building,’ design**, and then provides a ready means of accessing commercial and government guides, standards, and criteria needed to create such designs

The screenshot shows the homepage of the Whole Building Design Guide (WBDG) website. The header features the WBDG logo and navigation links for About, Contact, Site Map, and Search. Below the header is a banner with three images of modern buildings and the text: "The Whole Building Design Guide" and "The Gateway to Up-To-Date Information on Integrated 'Whole Building' Design Techniques and Technologies". To the right, there is a section titled "Participating Agencies" with logos for various federal agencies. The main content area includes a sidebar with links for Design Guidance, Project Management, Mandates / References, Tools, News, Events & Training, and a link to WBDG E-News. The main content area also features a section titled "WBDG Focus On Space TYPES" with a sub-section about "Space Types". A large text block explains the purpose of this section, stating that it provides information and guidance organized by functional Space Types, which complements the WBDG Building Types pages. Another section on the right discusses the "FEMP's Sustainable Federal Buildings Database: Need-to-Know Info in One Place" and the "GSA LEED® Cost Study".

- Is **reductive** in nature
- Allows you access to more relevant information by directly linking you to other resources available on the Internet with the click of your mouse
- Helps your team achieve quality, high performance building projects





Your complete Internet resource for integrated design information and tools . . .

... managed by the National Institute of Building Sciences (NIBS) through funding from the Department of Defense, U.S. General Services Administration (GSA), U.S. Department of Energy (DOE), DOE's Federal Energy Management Program (FEMP), NASA, and with support from the Sustainable Buildings Industry Council (SBIC). A Board of Direction and Advisory Committee, with participants from over 25 federal agencies, public organizations and private companies, guide the development of the WBDG.

You can access information through a series of "levels" by way of two major categories:

Design Guidance:

- Building Types
- Space Types
- Design Objectives: Accessible, Aesthetics, Cost-Effective, Functional, Historic Preservation, Productive, Safe/Secure, Sustainable

Project Management:

- Project Delivery Teams
- Project Planning and Development
- Project Delivery and Controls
- Commissioning (under development)

At the heart of the WBDG are **Resource Pages** containing reductive summaries on particular topics written by industry experts.

WBDG is also an intelligent interface for the **NIBS Construction Criteria Base (CCB)**, the single integrated source of all federal facility criteria. Private sector standards can be accessed directly through the Information Handling Service via the WBDG.

WBDG Sustainable resources include:
Sustainable Federal Buildings Database;
Fed. Guide for Green Construction Specs;
Construction Waste Management Tool;
LEED-DoD Antiterrorism Standards Tool.

Quick Link to WBDG Sustainable Branch:
<http://sustainable.wbdg.org>