



National Institute of BUILDING SCIENCES

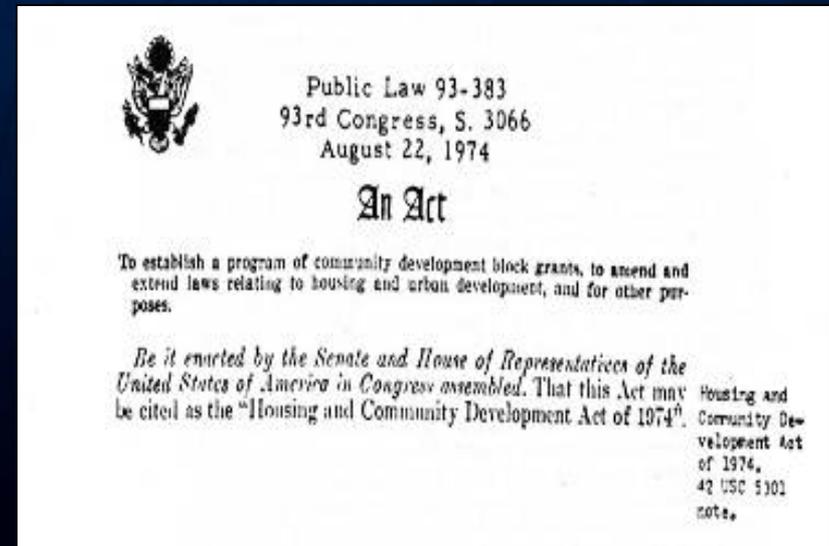
*An Authoritative Source of Innovative Solutions
for the Built Environment*



Public Law 93-383, Sect. 809

Congress directed NIBS to “exercise its functions and responsibilities in four general areas.....”

- **Develop and maintain** performance criteria for maintenance of life, safety, health, and public welfare for the built environment
- **Evaluate and prequalify** building technology and products
- **Conduct** related and needed investigations
- **Assemble, store, and disseminate** technical data and related information

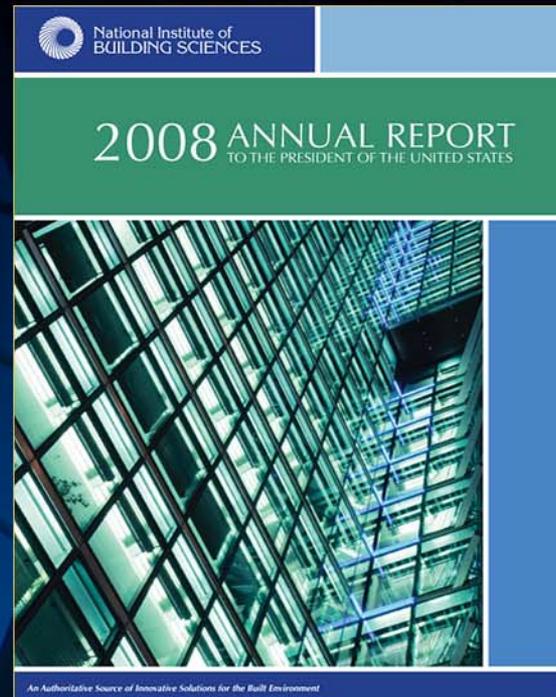




National Institute of
BUILDING SCIENCES

www.nibs.org

2008 Annual Report



An Authoritative Source of Innovative Solutions for the Built Environment

**National Institute of
BUILDING SCIENCES***An Authoritative Source of Innovative Solutions for the Built Environment*National Institute of Building Sciences - An Authoritative
Source of Innovative Solutions for the Built Environment[ABOUT](#)[COUNCILS/PROJECTS](#)[MEMBERSHIP](#)[NEWS/EVENTS](#)[RESOURCES](#)[CONTACT](#) [Search](#)

The Institute's Letter to President-Elect Barack Obama

[READ NOW](#) 

The National Institute of Building Sciences is a non-profit, non-governmental organization that successfully brings together representatives of government, the professions, industry, labor and consumer interests, and regulatory agencies to focus on the identification and resolution of problems and potential problems that hamper the construction of safe, affordable structures for housing, commerce and industry throughout the United States. Authorized by the U.S. Congress, the

NEWS

[VIEW ALL](#)**FEDCon 2009 Keynote Offer a Capitol View***Aug 10 2009*[View Details](#)**Institute Testifies to Congress about FEMA
Temporary Housing***Jul 08 2009*[View Details](#)**Institute Testifies in Support of High-
Performance Building Standards***Apr 28 2009*[View Details](#)

EVENTS

[VIEW ALL](#)

COUNCILS/PROJECTS

- [Building Enclosure Council](#)
- [Building Enclosure Technology & Environment Council](#)
- [Building Seismic Safety Council](#)
- [buildingSMART alliance](#)
- [Consultative Council](#)
- [Facility Maintenance & Operations Committee](#)
- [HAZUS](#)
- [High Performance Building Council](#)
- [Multihazard Mitigation Council](#)
- [National Clearinghouse for Educational Facilities](#)

Governance

- Represents all facets of the building, design and construction industry
- 21 Member Board of Directors
 - 15 Elected Officials
 - 6 Presidential Appointees
- Annual Report to the President of the United States
 - Recommendations



Councils and Committees

- Board of Directors
- Consultative Council
- Building Enclosure Technology and Environmental Council
- Building Seismic Safety Council
- Multihazard Mitigation Council
- buildingSMART™ Alliance
- National Clearinghouse for Educational Facilities
- Whole Building Design Guide Advisory Committee
- Facility Maintenance and Operations Committee
- National Mechanical Insulation Committee
- Government to Business Committee (G2B)
- High Performance Building Council

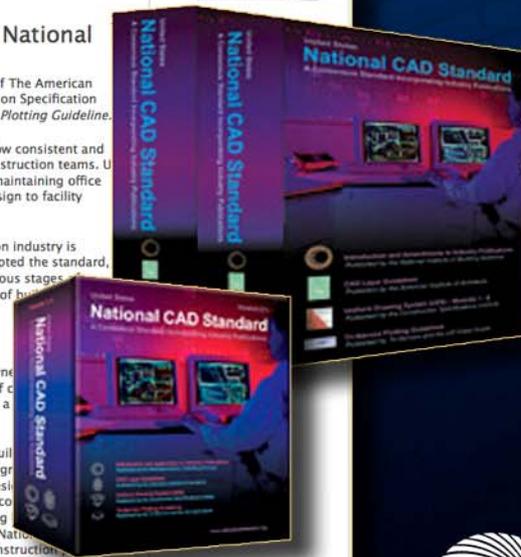


National CAD Standard

The screenshot shows the buildingSMART alliance website. The header includes the logo and navigation links: About the bSa, Programs, Projects, Join Now, News/Events, Resources, Contact. The main content area is titled "United States National CAD Standard®" and describes the standard's purpose in streamlining building design and construction data exchange. A sidebar on the left lists various categories like "ABOUT NCS", "FAQ", "IMPLEMENTING", "ADOPTERS", "NEWS/EVENTS", "ORDERING", "COMMITTEE", "FORUMS", and "CONTACT". At the bottom, it lists contributors including the National Institute of Building Sciences, AIA, and CSI.



This screenshot shows the "Introduction to the United States National CAD Standard" page. It features a search bar, navigation links, and a sidebar with a menu similar to the first screenshot. The main text area begins with "Introduction to the United States National CAD Standard®" and explains that the NCS consists of three publications: The American Institute of Architect's CAD Layer Guidelines, the Construction Specification Institute's Uniform Drawing System, and the Plotting Guideline. It also mentions that the NCS coordinates these publications to allow for consistent and streamlined communication among industry professionals.



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National BIM Standard

United States
**NATIONAL BUILDING INFORMATION
MODELING STANDARD**

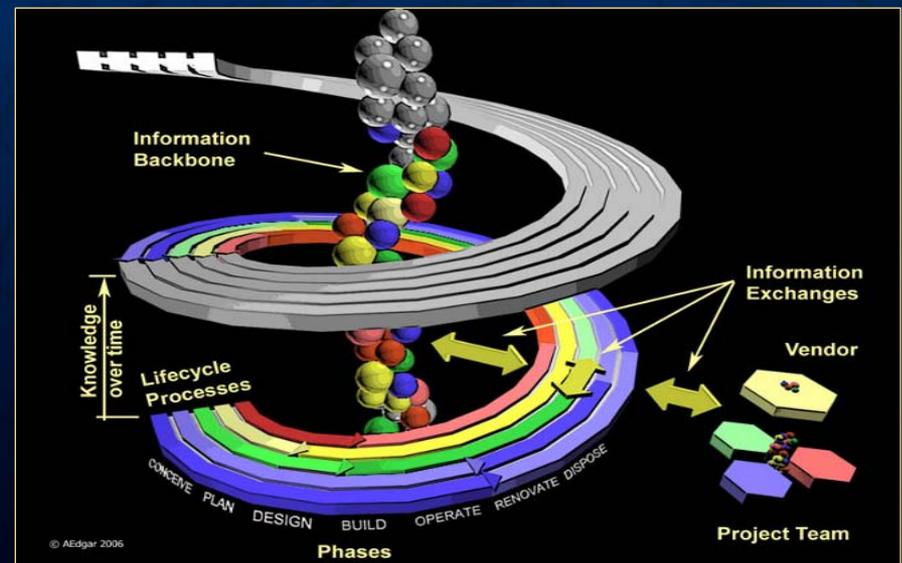
Version 1 - Part 1:
Overview, Principles, and Methodologies

Transforming the Building Supply Chain
Through Open and Interoperable Information Exchanges



National Institute of
BUILDING SCIENCES
Facilities Information Council
National BIM Standard

Transforming the Building Chain Supply Through Open and Interoperable Information Exchanges



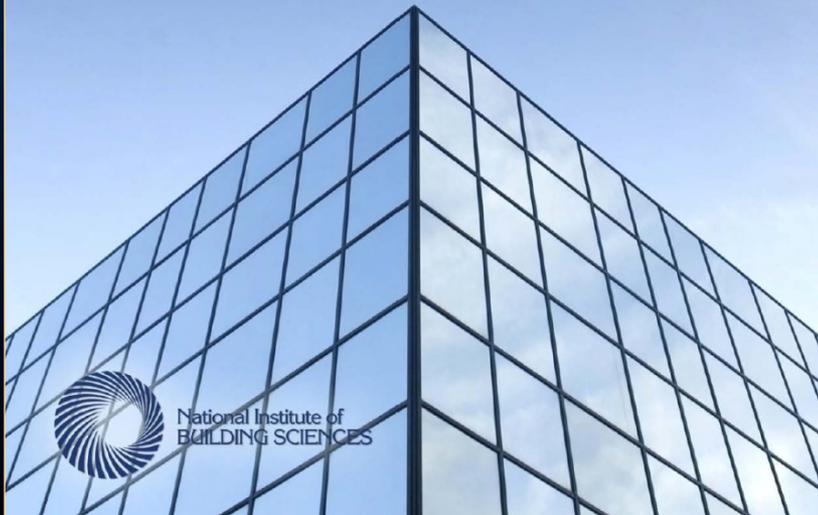
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Exterior Enclosure Commissioning

NIBS Guideline 3-2006

Exterior Enclosure Technical Requirements For the Commissioning Process

*This Guideline is for Use with
ASHRAE Guideline 0-2005:
The Commissioning Process*



*This Guideline is for Use with
ASHRAE Guideline 0-2005:
The Commissioning Process*



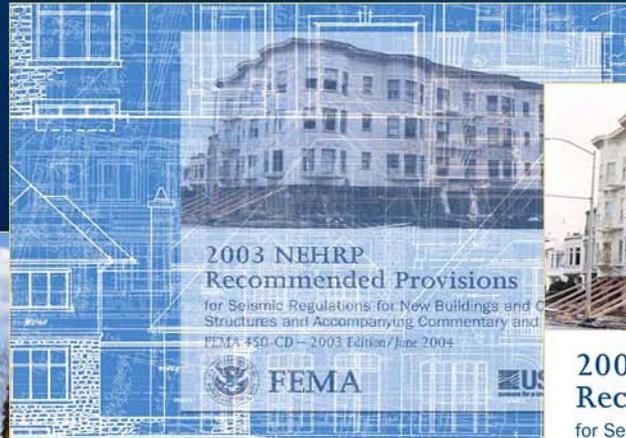
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Building Seismic Safety Council



Homebuilders' Guide to Earthquake Resistant Design and Construction

FEMA 232 - June 2006



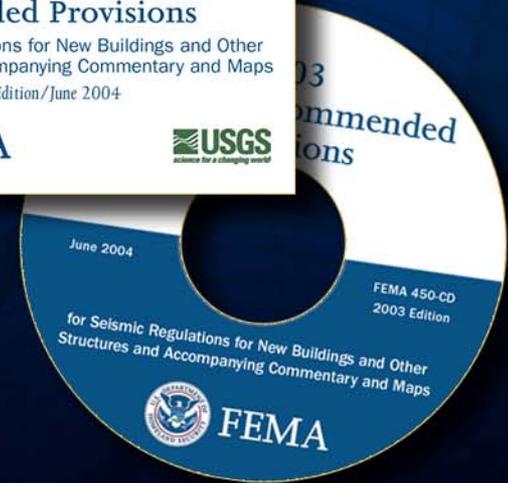
NEHRP Recommended Provisions: Design Examples

FEMA 451 - August 2006



2003 NEHRP Recommended Provisions

for Seismic Regulations for New Buildings and Other Structures and Accompanying Commentary and Maps
FEMA 450-CD - 2003 Edition/June 2004



BUILDING SEISMIC SAFETY COUNCIL



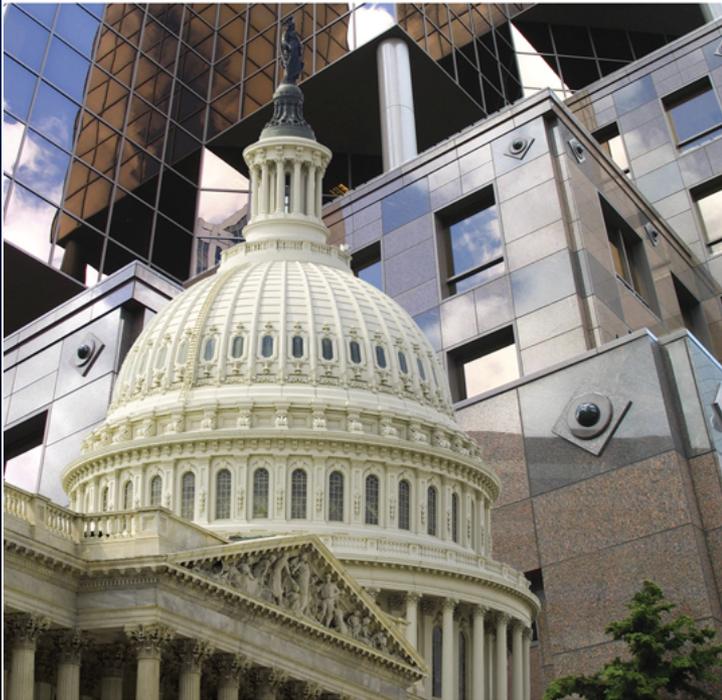
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High Performance Building Council



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Assessment to the US Congress and
U.S. Department of Energy on
HIGH PERFORMANCE BUILDINGS



High-Performance Buildings Caucus United States Congress

PURPOSE:

The High-Performance Buildings Caucus of the U.S. Congress is formed to heighten awareness and inform policy makers about the major impact buildings have on our health, safety and welfare and the opportunities to design, construct and operate high-performance buildings that reflect our concern for these impacts. Fundamental to these concerns include protecting life and property, developing novel building technologies, facilitating and enhancing U.S. economic competitiveness, increasing energy efficiency in the built environment, assuring buildings have minimal climate change impacts and are able to respond to changes in the environment, and supporting the development of private sector standards, codes and guidelines that address these concerns.

From the materials produced to construct buildings and the energy used to operate them, buildings consume vast amounts of resources and are responsible for nearly half of all greenhouse gas emissions. High-performance buildings, which address human, environmental, economic and total societal impact, result from the application of the highest level of design, construction, operation and maintenance principles—a paradigm change for the built environment.

The Caucus will provide the best present and future protection and benefit to our citizens, visitors and natural environment. These include deployment of the best advanced technologies and sustainable practices. Further, the policies will help support the development of private sector standards, codes and guidelines that will protect and improve the quality and utility of our built environment in harmony with the natural environment.

The High-Performance Buildings Caucus will promote and showcase best practices in building design and focus on issues reflecting all aspects of high-performance buildings including:

1. Sustainability
2. Accessibility
3. Aesthetics
4. Cost-Effectiveness
5. Function and Operation
6. Historic Preservation
7. Productivity
8. Safety and Security



Thank You



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