DESCRIPTION

The 'Architect's Bible' since 1932, updated with the latest codes and standards

Architectural Graphic Standards is the written authority for architects, designers, and building contractors. It provides comprehensive guidance on the visual representation of materials, products, systems, and assemblies. Updated to reflect the most current codes and standards, this new 12th edition features over 300 new drawings, tables, and designs and twenty-five percent new content.

In response to architects' feedback and overwhelming demand for a more graphics-heavy format, this edition employs shorter, more accessible texts and more images of the standards and evolution of design and construction. New coverage includes building resiliency and the building envelope, expert discussion on the fundamentals of design and construction documentation, and new examination of environmental factors and material properties and performance. Sustainable Design is no longer separated, but incorporated throughout, and extensive appendices keep useful data right at your fingertips.

Graphic standards are essential to building design. They cover everything from door frames and roof designs to air ducts and outdoor sports facilities. This meticulous resource provides a compendium of planning standards, optimum dimensions, and normative construction details. The book is organized into three core sections covering: design and documentation, materials, and building elements.

Architectural Graphic Standards features:

• Key architectural design and production processes—functional planning, environmental assessment, building resiliency, and architectural construction documentation
• Thorough coverage of materials: concrete, masonry, metals, wood, plastics, composites, and glass

• An exhaustive survey of building elements—substructures, shells, services, equipment, furnishings, special structures, and siteworks

• Comprehensive appendixes filled with pertinent data such as: classic architectural elements, mathematical data, and structural calculations

Endorsed by the American Institute of Architects, this book has an enduring and unsurpassed reputation for high-quality illustration, text, and graphic design. For crucial information in a user-friendly format, Architectural Graphic Standards is the go-to reference on building design and construction.

ABOUT THE AUTHOR

The American Institute of Architects (AIA) is America’s largest and oldest professional society for architects. It has over 83,000 members. Its headquarters in Washington DC is governed by a Board of Directors that is nationally elected by its 300 state and local chapters. Founded in 1857, the AIA offers continuing education, conferences, and professional information to its membership and their clients.

Dennis J. Hall, FAIA, FCSI (Charlotte, NC) FAIA, FCSI, is founder and managing principal of Hall Architects, Inc. and CEO of HALL | Building Information Group, LLC in Charlotte, NC. Hall is a forensic architect, author, and speaker. He has received numerous awards and has served on numerous boards, committees, and panels for various professional organizations including the Associated General Contractors, the American Institute of Architects, the Construction Specifications Institute, and the American Arbitration Association. He is a former national President of both the Construction Specifications Institute and Specification Consultants in Independent Practice and former Chancellor of the CSI College of Fellows.

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