



Building Construction Illustrated

By Francis D. K. Ching

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The classic visual guide to the basics of building construction, now with a 3D digital building model for interactive learning

For over three decades, *Building Construction Illustrated* has offered an outstanding introduction to the principles of building construction. This new edition of the revered classic remains as relevant as ever, providing the latest information in Francis D.K. Ching's signature style. Its rich and comprehensive approach clearly presents all of the basic concepts underlying building construction.

New to this edition are digital enhancements delivered as an online companion to the print edition and also embedded in e-book editions. Features include a 3D model showing how building components come together in a final project.

- Illustrated throughout with clear and accurate drawings that present the state of the art in construction processes and materials
- Updated and revised to include the latest knowledge on sustainability, incorporation of building systems, and use of new materials
- Contains archetypal drawings that offer clear inspiration for designers and drafters
- Reflects the 2012 International Building Codes and 2012 LEED system

This new edition of *Building Construction Illustrated* remains as relevant as ever, with the most current knowledge presented in a rich and comprehensive manner that does not disappoint.

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Editorial Review

From the Back Cover

The classic visual guide to core principles of building construction, now with a Companion Web Site

Building Construction Illustrated is the go-to resource for answers to questions about the basic concepts underlying every construction project. With rich illustrations and detailed discussions of building concepts, this book gives you the knowledge you need to succeed in residential and commercial construction, architecture, and structural engineering.

This new edition of the revered industry standard remains as relevant as ever—providing the latest information in renowned author Francis D.K. Ching’s signature style that blends in-depth content and extraordinary illustration. Ching also expands on his decades-long commitment to environmentally-sensitive construction principles designed to reduce reliance on active environmental control systems and the energy they consume.

With detailed instructions, beautiful graphic presentation, and access to new, interactive digital content, *Building Construction Illustrated* includes:

- Core, introductory information about construction materials and methods—topics covered in architectural and building technology education and learned by designers, technologists, and managers.
- Clear and accurate drawings that illustrate state-of-the-art construction processes and materials—updated and revised to include the latest knowledge on sustainability, incorporation of building systems, and use of new materials.
- A digital 3-D model showing how building components are assembled—offered in a companion web site: wiley.com/go/constructionillustrated.

Whether you are brushing up on the basics or looking for inspiring new construction ideas, Ching’s *Building Construction Illustrated* is an essential reference guide.

About the Author

FRANCIS D.K. CHING is Professor Emeritus of Architecture at the University of Washington in Seattle. He is the bestselling author and coauthor of numerous architecture and design books, including *Architectural Graphics*; *Building Codes Illustrated*; *Architecture: Form, Space, and Order*; *A Visual Dictionary of Architecture*; *A Global History of Architecture*; *Building Structures Illustrated*; and *Design Drawing*. Mr. Ching’s works have been translated into more than eleven languages and are recognized for their clear explanations and graphic presentations of complex material.

Users Review

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