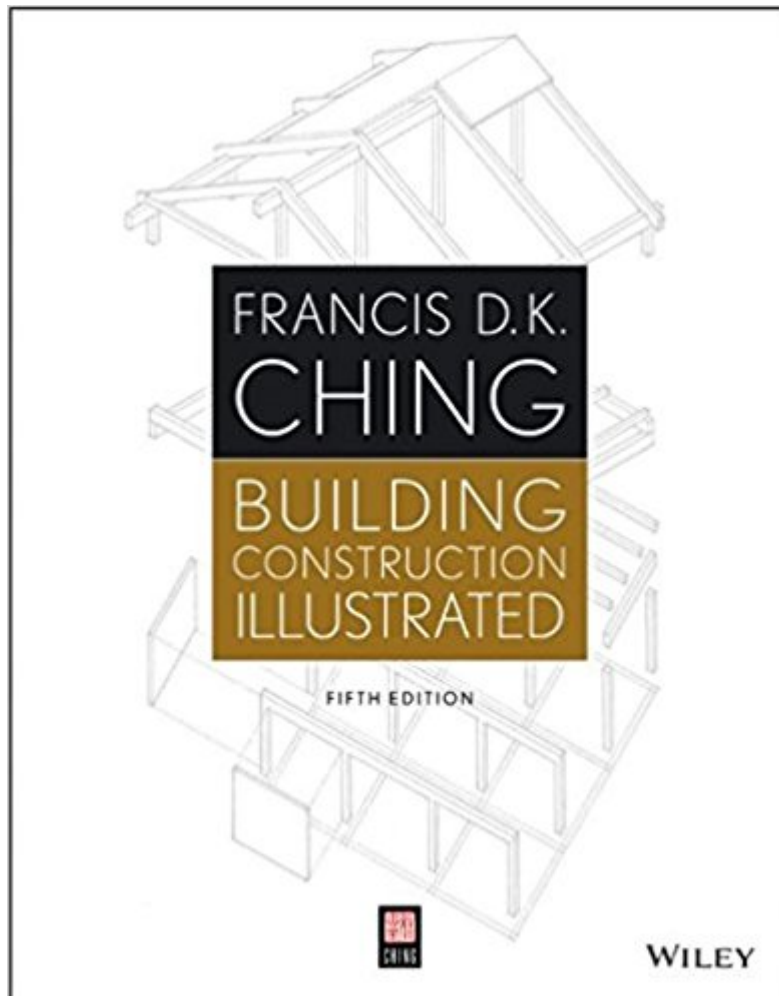




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Building Construction Illustrated



Synopsis

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.

Book Information

Paperback: 480 pages

Publisher: Wiley; 5 edition (February 17, 2014)

Language: English

ISBN-10: 1118458346

ISBN-13: 978-1118458341

Product Dimensions: 8.4 x 1.3 x 10.7 inches

Shipping Weight: 2.7 pounds (View shipping rates and policies)

Average Customer Review: 4.4 out of 5 stars 218 customer reviews

Best Sellers Rank: #1,150 in Books (See Top 100 in Books) #1 in [Books > Crafts, Hobbies & Home > Home Improvement & Design > How-to & Home Improvements > Design & Construction](#) #1 in [Books > Textbooks > Humanities > Architecture](#) #1 in [Books > Engineering & Transportation > Engineering > Mechanical > Drafting & Mechanical Drawing](#)

Customer Reviews

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.

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.

It's a great book, but please avoid the Kindle edition (like others have said) until they re-scan the book. The images (which are 80% of this book) are very very pixelated and on top of the low resolution scan, they are super compressed with tons of JPEG artifacts making the text difficult to read and sometimes impossible.

Great book, used these all during architectural school Ordered this one for a newer staff member at my company to gain experience. Very detailed drawings with all kinds of notes. Great for Residential and Commercial applications.

Not very good at all. Missing notations on many graphics. Word and picture placement change when turning pages. The amount of trouble I went through to get this digital copy purchased, I expected more.

Well written and well illustrated. Mr Ching is the gold standard in architecture reference books. He grabs ahold of complicated processes and building systems, breaking them down into easily understandable nuggets for the reader.

Great content, but poor choice of font and font color...darn hard to read

Another triumph for Ching. His ability to communicate through his excellent sketches is second to none. The basics of a wide range of construction materials and systems are laid in an orderly way which is easy for the uninformed to understand.

I have purchased about 20+ of these books, which I had out to my staff. The book is used as a reference guide on how buildings are constructed. I teach field assessors how to assess buildings and this book provides a better understanding on how structures and building components are put together.

This book provides many details and illustrations for easier understanding and reference. However, the book was a little difficult to read because of the font, which I found slightly irritating. Still, this book is great for technical details, especially for starting architecture students.

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