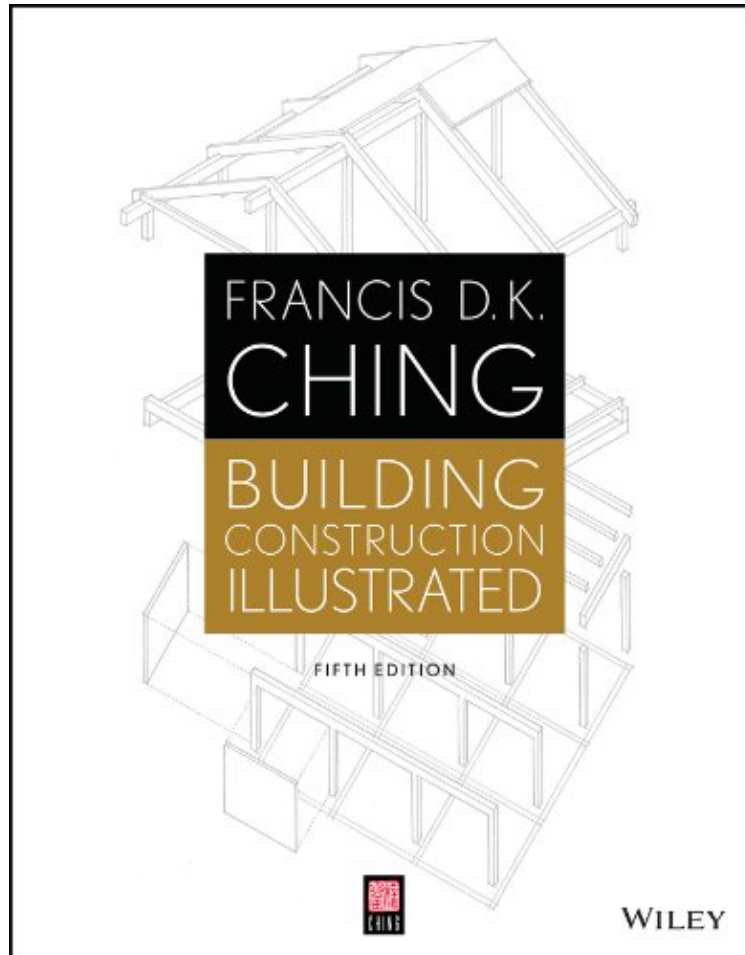


Building Construction Illustrated

Francis D. K. Ching

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From the Back CoverThe 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 AuthorFRANCIS 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.