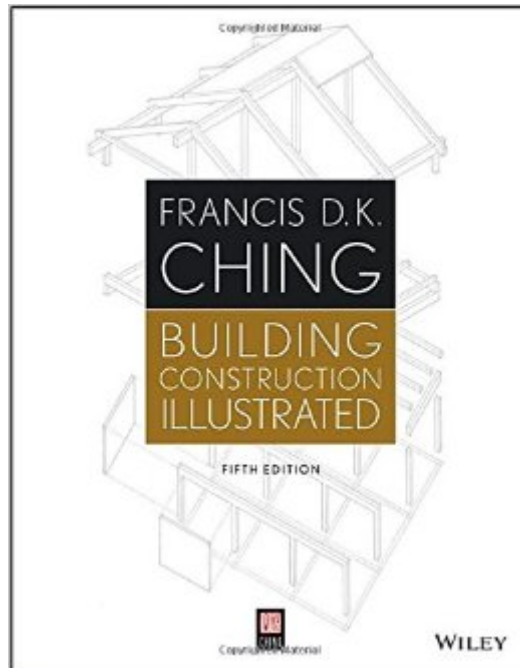


The book was found

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

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Average Customer Review: 4.5 out of 5 stars See all reviews (76 customer reviews)

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Customer Reviews

The cover of Building Construction Illustrated by Francis D. K. Ching shows the skeleton of a house in exploded form. That is in essence what the book is about; taking a building apart and explaining what each element is and what requirements are imposed for the type of construction shown. Every

page is covered with excellent drawings - there are no photographs at all - and detailed explanations of what the reader is looking at. Mr. Ching deals with buildings as systems. For example, Floor Systems. Then he shows wood joists and explains the span ranges for wood joists; such as, 2 x 6 up to ten feet. Helpful hints are included, "Rule of thumb for estimating joist depth: span/ 16," and "Joist deflection should not to exceed 1/360 th of span." (There may have been some translation problems in that example). Thus, it is a book filled with facts about construction. Critical facts that anyone in the construction industry must know. It is not a book to be read like a school text or encyclopedia. It is much more like a dictionary or reference book with all the facts gathered together in sections. If you were looking for the construction standards for roofing you would consult the Roof Systems section. Almost everything concerning frame construction is covered with exacting diagrams for every system. This is not is a book telling someone how to do something. A construction manager would find the book of little value. An architect would use this as a reference manual, but someone learning how to build a wall would find only momentary items of interest. It is not a how to manual in any fashion.

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