Building Structures Illustrated: Patterns, Systems, and Design (Paperback)

By Francis D. K. Ching

John Wiley Sons Inc, United States, 2014. Paperback. Condition: New. 2nd Edition. Language: English . Brand New Book. A new edition of Francis D.K. Ching s illustrated guide to structural design Structures are an essential element of the building process, yet one of the most difficult concepts for architects to grasp. While structural engineers do the detailed consulting work for a project, architects should have enough knowledge of structural theory and analysis to design a building. Building Structures Illustrated takes a new approach to structural design, showing how structural systems of a building such as an integrated assembly of elements with pattern, proportions, and scale are related to the fundamental aspects of architectural design. The book features a one-stop guide to structural design in practice, a thorough treatment of structural design as part of the entire building process, and an overview of the historical development of architectural materails and structure. Illustrated throughout with Ching s signature line drawings, this new Second Edition is an ideal guide to structures for designers, builders, and students. Updated to include new information on building code compliance, additional learning resources, and a new glossary of termsOffers thorough coverage of formal and spatial composition, program fit,...

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