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Construction Graphics: A Practical Guide To Interpreting Working Drawings





Synopsis

A BUILDER'S GUIDE to Construction graphics What do drawings mean to you as a builder? When you're in the midst of a construction project, you have to be able to bridge the gap between the outcome described by the design professional in the construction drawings and the myriad materials and processes required to build the structure. With hundreds of illustrations and photographs from actual working drawings, Construction Graphics: A Practical Guide to Interpreting Working Drawings, Second Edition demonstrates what construction graphics mean to managers of the construction process and how you can make the best use of them. From site excavation to forming, roof, and electrical systems, Construction Graphics provides up-to-date material and helpful exercises on the critical tasks involved in constructing a project from graphic depictions of it. This updated new edition gives you an overview of graphic communication, the construction business environment, the design professional's work product, and construction drawing fundamentals, and adds valuable new commentary on important topics, including: Building Information Modeling (BIM)

Project delivery systems Interpreting working drawings The similarities between residential and commercial building construction drawings Executing a site section in preparation for an earth quantity take-off Additional commentary on welding and welding symbology Adhering to the Construction Specifications Institute's UniFormat classification system, Construction Graphics, Second Edition will be a valuable aid to any building professional.

Book Information

Hardcover: 480 pages Publisher: Wiley; 2 edition (September 29, 2008) Language: English ISBN-10: 0470137509 ISBN-13: 978-0470137505 Product Dimensions: 8.7 x 1 x 11.2 inches Shipping Weight: 3 pounds (View shipping rates and policies) Average Customer Review: 3.5 out of 5 stars Â See all reviews (10 customer reviews) Best Sellers Rank: #178,541 in Books (See Top 100 in Books) #43 in Books > Engineering & Transportation > Engineering > Mechanical > Drafting & Mechanical Drawing #203 in Books > Arts & Photography > Architecture > Drafting & Presentation #374 in Books > Textbooks > Humanities > Architecture

Customer Reviews

Needed this book for a class that I'm taking, GREAT price and came right on time. This book gets the job done for my credit, but I know a few books that are a little easier to follow as far as learning about blue print reading.

The book arrived like it was brand new. I think it's a good book for explaining construction graphics, although I don't have much to compare it to. All around good buy and would definitely order books from them again.

Construction Graphics presents a comprehensive and comprehensible guide to construction documents. It is well illustrated, and offers useful insights into the correlation between construction drawings and construction processes. I used this book in both construction management and civil engineering courses and have observed that students find it very helpful. Construction Graphics is an extremely worthwhile investment for both students and practitioners.

Bisharat's book is a must for any student (experienced technician or school neophyte) of the design and construction process. It is well illustrated, factual, and accurately explains how the architect /engineer's ideas get transferred to paper and then into reality.

If you are a student, a craftsperson, superintendent, manager, or designer-this book should be open on your desk (and not on your bookshelf).

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