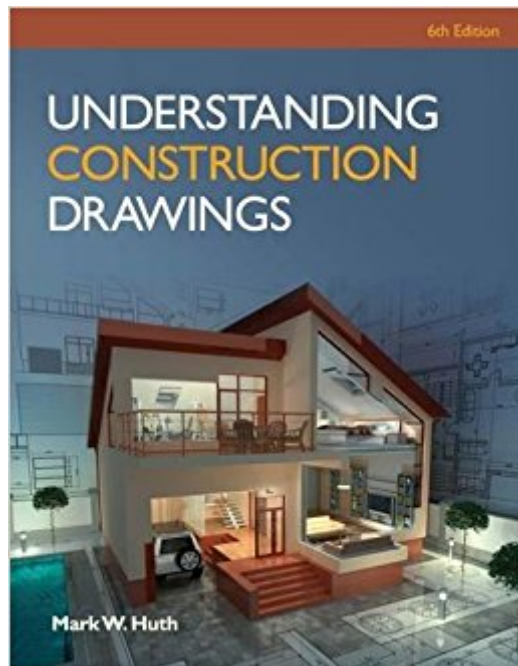




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Understanding Construction Drawings, 6th Edition



Synopsis

This proven, uniquely practical book provides a thorough guide to reading, understanding, and working with construction drawings. Now updated to reflect the 2012 International Building Code and 2012 International Residential Code, the Sixth Edition includes accurate, up-to-date information on current materials, practices, and standards to prepare you for career success in modern building trades. The book is designed from start to finish for real-world relevance, with topics organized based on actual construction processes, realistic construction drawings integrated into chapter content, hundreds of practical questions and activities, and full-size residential and commercial construction prints. A new feature highlights information on environmental considerations such as energy efficiency, sustainable materials, and "green" building practices, emphasizing the growing importance of these concepts in the modern construction industry.

Book Information

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Customer Reviews

Preface. Part I: DRAWINGS-THE LANGUAGE OF CONSTRUCTION. 1. The Design-Construction Sequence and the Design Professions. 2. Views. 3. Scales. 4. Alphabet of Lines. 5. Use of Symbols. 6. Plan Views. 7. Elevations. 8. Sections and Details. Part I Test. Part II: READING DRAWINGS FOR TRADE INFORMATION. 9. Clearing and Rough Grading the Site. 10. Locating the Building. 11. Site Utilities. 12. Footings. 13. Foundation Walls. 14. Drainage, Insulation, and Concrete Slabs. 15. Framing Systems. 16. Columns, Piers, and Girders. 17. Floor Framing. 18. Laying Out Walls and Partitions. 19. Framing Openings in Walls. 20. Roof Construction Terms. 21.

Roof Trusses. 22. Common Rafters. 23. Hip and Valley Framing. 24. Cornices. 25. Windows and Doors. 26. Exterior Wall Coverings. 27. Decks. 28. Finishing Site Work. 29. Fireplaces. 30. Stairs. 31. Insulation and Room Finishing. 32. Cabinets. 33. Lake House Specifications Part II Test. Part III: MULTIFAMILY CONSTRUCTION. 34. Orienting the Drawings. 35. Town House Construction 36. Plumbing, Heating, and Air Conditioning 37. Electrical. Part III Test. Part IV: Heavy COMMERCIAL CONSTRUCTION. Unit 38. Heavy Commercial Construction. Unit 39. Coordination of Drawings. Unit 40. Structural Drawings. Unit 41. HVAC & Plumbing Drawings. Unit 42. Electrical Drawings. Part IV Test. Appendix A - School Addition Master Keynote Appendix B - Math Reviews. Appendix C - Material Symbols in Sections. Appendix D - Plumbing Symbols. Appendix E - Electrical Symbols. Appendix F - Abbreviations. Glossary. Index.

Mark Huth is a former editor at Cengage Learning, a role that took him inside hundreds of classrooms and allowed him to glean the best teaching methods for his students and readers. He travels extensively throughout North America, gaining first-hand knowledge of construction methods and materials. In addition to UNDERSTANDING CONSTRUCTION DRAWINGS and BASIC PRINCIPLES FOR CONSTRUCTION, he is the author of several other respected texts on construction principles, technology, and mathematics. Mr. Huth has also taught high school building construction and worked as a professional carpenter and subcontractor. He holds a master of science degree in curriculum and instruction, as well as permanent certification in building construction from the New York State Education Department.

Book was great but my only complaint is that it does not come with the construction drawing plans.

If buying the used edition beware that this will NOT come with the blueprints. The book frequently refers to the blueprints. without them you donot get a lot of useful information and probably unable to complete the lessons

An excellent book on the details of how one can understand the field of Blue Prints.

Great book with good explanations ! I'm still using it but it was a good purchase ! I would reccomend this product !

Did not come with the drawings.

Great Book!

Awesome, fast shipping!

Good seller and book

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