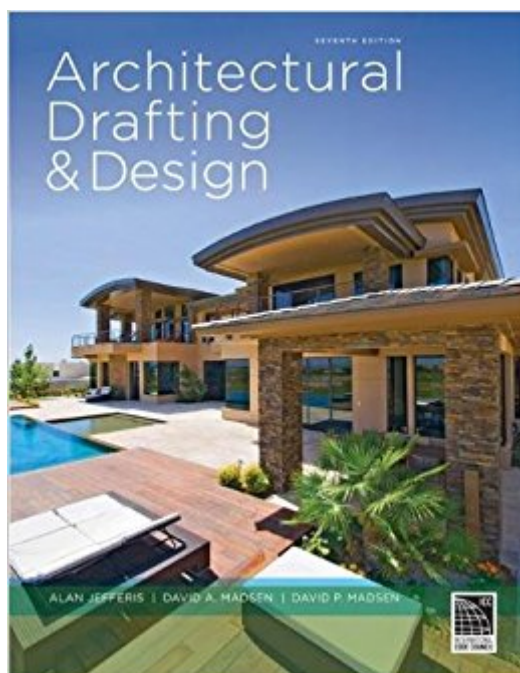


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# Architectural Drafting And Design



## Synopsis

ARCHITECTURAL DRAFTING AND DESIGN, Seventh Edition, is the definitive text for beginning, intermediate, or advanced architectural CAD operators. This full-color, comprehensive edition covers the basics of residential design while exploring numerous types of projects that a designer or architect is likely to complete during the design process. The Seventh Edition is up-to-date with content based on the most recent editions of relevant codes, including the 2015 International Residential Code (IRC), the 2015 International Building Code (IBC), the 2015 International Energy Conservation Code (IECC), and the 2012 International Green Construction Code (IgCC). The text opens with information on architectural styles that have dominated the field over the last four centuries, followed by basic design components related to site and structure. Commercial drafting, basic construction materials, common construction methods, and drawings typically associated with commercial construction are also covered. This bestseller complements informational content with practical, hands-on material, including step-by-step instructions for the design and layout of each type of drawing associated with a complete set of architectural plans--all presented via projects that can be completed using CAD drawing methods. This proven text equips readers with the knowledge and skills needed to complete the drawings that most municipalities require to obtain a building permit for a single-family residence.

## Book Information

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## Customer Reviews

A prolific author and respected instructor, Alan Jefferis has taught drafting technology at Clackamas

Community College, an Authorized AutoCAD Training Center, for more than 31 years. Prior to that, Mr. Jefferis taught for four years at Mt. Hood Community College in Gresham, Oregon. He brings a wealth of professional experience to his writing, including eight years of drafting for structural engineers and 35 years of residential designing. Mr. Jefferis is currently the principal owner of Residential Designs, a design firm specializing in custom, energy-efficient homes. He is a former Autodesk Developer Network member and a former member of the A.I.B.D. Mr. Jefferis obtained his B.S. degree from San Diego State University in 1972 and has authored or co-authored numerous textbooks on architectural drafting and design and effectively working with AutoCAD.

David A. Madsen is an emeritus faculty member in drafting technology and the Autodesk Premier Training Center at Clackamas Community College in Oregon City, Oregon, where he also served as an instructor and department chairperson for nearly 30 years. In addition to his community college experience, David served as a drafting technology instructor at Centennial High School in Gresham, Oregon. He is a former member of the American Design and Drafting Association (ADDA) Board of Directors and was honored by the ADDA with Director Emeritus status at the annual conference in 2005. David is an Autodesk Authorized Author and has extensive experience in mechanical drafting, architectural design and drafting, and building construction. He holds a master of education degree in vocational administration and a bachelor of science degree in industrial education. He is the author of ENGINEERING DRAWING AND DESIGN, GEOMETRIC DIMENSIONING AND TOLERANCING, and PRINT READING FOR ENGINEERING AND MANUFACTURING TECHNOLOGY, and coauthor of ARCHITECTURAL AUTOCAD; ARCHITECTURAL DESKTOP AND ITS APPLICATIONS; ARCHITECTURAL DRAFTING AND DESIGN; ARCHITECTURAL DRAFTING USING AUTOCAD; AUTOCAD AND ITS APPLICATIONS: BASICS, ADVANCED, AND COMPREHENSIVE; AUTOCAD ARCHITECTURE AND ITS APPLICATIONS; AUTOCAD ESSENTIALS; CIVIL DRAFTING TECHNOLOGY; and PRINT READING FOR ARCHITECTURE AND CONSTRUCTION TECHNOLOGY.

David P. Madsen is president of Engineering Drafting & Design, Inc., and vice president of Madsen Designs Inc. Dave provides drafting and design consultation and training for all disciplines and is an Autodesk Authorized Author. He has been a professional design drafter since 1996 and has extensive experience in a variety of drafting, design, and engineering disciplines. Dave has provided drafting and computer-aided design and drafting instruction to secondary and postsecondary learners since 1999, and he has considerable curriculum and program coordination and development experience. Dave holds a master of science degree in educational policy, foundations, and administrative studies, with a specialization in postsecondary, adult, and continuing education. He also holds a bachelor of science degree in

technology education and an associate of science degree in general studies and drafting technology. Dave is the author of INVENTOR AND ITS APPLICATIONS and coauthor of ARCHITECTURAL DRAFTING AND DESIGN, ARCHITECTURAL DRAFTING USING AUTOCAD, AUTOCAD AND ITS APPLICATIONS: BASICS AND COMPREHENSIVE, CIVIL DRAFTING TECHNOLOGY, ENGINEERING DRAWING AND DESIGN, GEOMETRIC DIMENSIONING AND TOLERANCING, PRINT READING FOR ARCHITECTURE AND CONSTRUCTION TECHNOLOGY, and PRINT READING FOR ENGINEERING AND MANUFACTURING TECHNOLOGY.

Although I am only into the first few chapters I am very disappointed. This is a book for students and keeps referring to a student companion website for material that isn't in the book. Well after spending close to 200.00 for this books you will have to spend another 105.00 if you want access to that website that is refereed to constantly and is needed for some of the exercises. The text is tiny and the pages are glossy so when you read it there is a lot of glare and I find I have to move the book as I'm reading. Very disappointed!

This is a good book overall, but examine Figure 2.2 on page 39. It shows how to read a scale. The most prominent dimensions at the top of the figure are glaringly incorrect. The dimension shown is 2-3/16" in, but their label says 2-11/16. Then they incorrectly dimension the fine divisions of the scale in at least two other cases in that figure. Not very impressive editing for people who do it for a living. Way too expensive also, but that goes without saying.

Great book with a good layout easy to read and navigate

Great book and excellent service from seller.

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