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# Land Development Handbook (Handbook)





## Synopsis

Successfully navigate the confusing maze of land development If you're looking for cutting-edge blockbuster coverage of the land development process, the search ends here! Written by one of the nation's premier consulting firms, this new edition delivers up-to-date coverage of planning, engineering, and surveying . . . all with over 700 illustrations, including diagrams, detailed drawings, plats, and reports generated at the various design stages, as well as charts, tables, and more. This edition includes regulatory changes; new data on open space areas for landscape architects; coverage of the latest advances in GPS and GIS technology; new perspectives on urban growth; and updated case studies, plans, and details. You'll find a thorough description of the design and approval process for residential, commercial, and retail land development projects and access to valuable bottom-line information on: \* Environmental issues, including erosion and sediment control, storm water management, environmental impact studies and assessments, and water guality \* Types of local regulations; where to get necessary project approval; what to expect during the process \* Site analysis and selection criteria for feasibility studies \* Technical information on the design of suburban infrastructure components such as water treatment and supply systems, sanitary sewer systems, storm drain systems, and roads \* The complete spectrum of surveying methods, including Global Positioning System Surveys and Geographic Information Systems

### **Book Information**

Series: Handbook Hardcover: 1124 pages Publisher: McGraw-Hill Professional; 2 edition (March 29, 2002) Language: English ISBN-10: 0071375252 ISBN-13: 978-0071375252 Product Dimensions: 8.3 x 1.8 x 11 inches Shipping Weight: 5.6 pounds Average Customer Review: 4.3 out of 5 stars Â See all reviews (20 customer reviews) Best Sellers Rank: #1,027,268 in Books (See Top 100 in Books) #66 in Books > Law > Administrative Law > Land Use #90 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Surveying & Photogrammetry #887 in Books > Textbooks > Engineering > Civil Engineering

### **Customer Reviews**

Ever since I purchased this publication I can't stop using it. Every civil engineer should have this as part of their reference library, regardless of your area of specialty. It provides macro to micro scale explanations of general processes, design applications, etc in a very readable format. More times than I can remember I have looked to this book for an answer or at least for some guidance and was throuroughly satisfied. No it is not a definitive reference for civil engineers but its' breadth and usability overshadows any technical shortcomings. If I had to have just one reference book for my area of practice (general civil), this would be it. Yeah, yeah, the "Standard Handbook for Civil Engineers" is a more definitive reference, but I usually find out what I need in this pub.ps - Almost everyone of my fellow employees that has used the book has purchased their own, find someone you know who has a copy and check it out for yourself.

This book is the first book that really reflects and addresses most of the "everyday" issues encountered in site design and land development. It has a practical application and includes most of the charts, tables and nomographs that are necessary to complete a given design procedure. It also provides very appropriate and helpful examples.

The book is thorough in its presentation of every aspect of land development. It examines the intricacies involved in a project from planning to engineering to construction stakeout. The authors apply all this knowledge in a Case Study of an actual development which they planned and designed. Numerous graphics, tables and charts were employed to reinforces the information in the text. Obviously some of the design information will not be applicable to the entire country. However the authors do suggest where locally relevent design information can be found. Overall, I found the book very informative, easily read and well organized.

I primarily work as a structural-architectural engineer and am becoming more and more involved in civil-site work. This handbook is exactly what I was looking for in terms of something that would quickly get me "up to speed" in the fundamentals of civil-site design.Of course, no single book could (or should) be thought of as a substitute for the experience and mentoring received from seasoned professionals in a design office, but this one has enough technical explanation and details to get you going with confidence.I choose this one over the Colley book (reviewed both before making purchase) as Land Development Handbook has more of the technical info that engineers would seek.

As a novice developer, this book put me on the right track without all the confusion and terms I would have never understood. It was simple to understand and after reading it, I felt like I knew a lot more. Very interesting and satisfying. Great reference guide all the way around.

As a general civil engineer in private practice this book has provided a good overview on the more abstract side of land development including financing, rezoning, and public involvement. All of which, are topics that typical engineers strugle with as it is not the enjoyable aspect of what engineers are trained to do. Nevertheless, these abstract components are just as real as the plans we develop. Of course, the book is excellent for hands on design and calculation support.

Needed this textbook for one of my classes and when I first got it, I bemoaned over how heavy it was. However, it's really easy to read and has a lot of great information. I'm not planning on going into land development but this really explained everything from feasibility/programming to site analysis to conceptual design to entitlements and permitting, etc. Very great resource!

This is a good reference book, filled with useful texts and details. However, it could be a little more compact and more organize in terms of using section and sub-section to sort things out. That way, it's easier and faster for readers to reference and/or looking up certain topics.

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