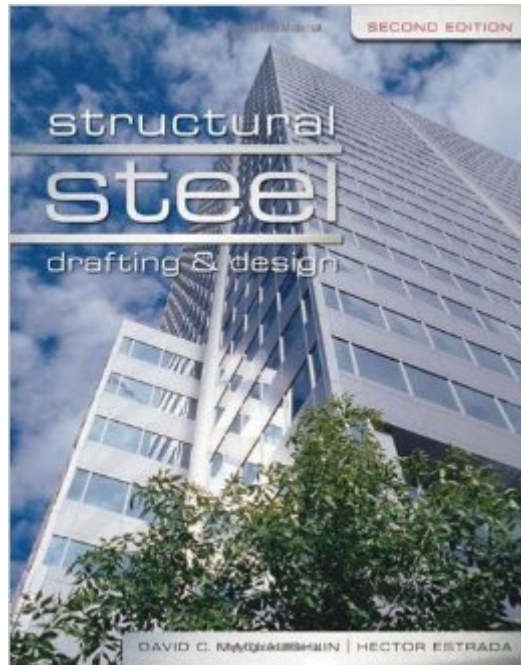


The book was found

# Structural Steel Drafting And Design



## Synopsis

Practical and easy to use, this text lays a solid groundwork for beginning and intermediate students to pursue careers in architecture, construction, or civil engineering. The text clarifies the vital interdependence between structural steel design and fabrication drawings, equipping students to work flexibly with both. First and foremost a drafting book, *Structural Steel Drafting and Design* gives an overview of structural design theory while providing numerous examples, illustrations, and real-world assignments. Students also become acquainted with critical tables and reference material from industry-standard sources, as well as the merits of Load and Resistance Factor Design and Allowable Strength Design.

## Book Information

Paperback: 256 pages

Publisher: Cengage Learning; 2 edition (January 27, 2009)

Language: English

ISBN-10: 1401890326

ISBN-13: 978-1401890322

Product Dimensions: 8.5 x 0.6 x 11 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: 3.9 out of 5 stars [See all reviews](#) (8 customer reviews)

Best Sellers Rank: #721,001 in Books (See Top 100 in Books) #224 in [Books > Engineering & Transportation > Engineering > Mechanical > Drafting & Mechanical Drawing](#) #343 in [Books > Engineering & Transportation > Engineering > Civil & Environmental > Structural](#) #622 in [Books > Textbooks > Engineering > Civil Engineering](#)

## Customer Reviews

I have been a Steel Detailer for 14 years. I found the book interesting and well thought out. The book is split into two sections. The first is for the Structural Design shop and the second for the Detailing shop. What the author covers, he covers in a thorough manner. I would like to have seen a section on horizontal and vertical bracing, which was not even mentioned in the book. Many of the authors example detail drawings left out some information which the shop might find helpful. For instance, standard hole size for the drawing or the distance from the end of a clip angle to the end of the cut member. The author states that because there is an "industry standard" that this information does not have to be shown. He explains that 13/16 holes are the standard size, and so no notation is required on a drawing if 13/16 holes are used. It has been my experience that this information

may be "industry standard," but the shops I have draw for all require it on the detail drawings. Trying to use this book to train a new detailer is a challenge. The drafting standard used to create the examples in the detailing section may be "industry standard," but it does not quite meet my standard. It is an OK book, but not perfect.

This is a well thought out, carefully organized and well documented introduction to structural steel drafting. I am in a related industry and bought the book to further acquaint myself with the subject. I feel that I certainly got my money's worth, and congratulate the author on his conscientious and thoughtful presentation.

I got it for school and it was very informative and easy to read. The figures were clear and very well done, but there were so many of them on different pages from the page they were referenced from it was hard to really get anything out of them. The questions provided at the end of each chapter served as a good review.

Item is as described and arrived faster than expected.

[Download to continue reading...](#)

Structural Steel Drafting and Design The Men of Steel Anthology: The Men of Steel (special edition 2015 includes new release Raising Steel: Momma Joe's story ) Structural Stability of Steel: Concepts and Applications for Structural Engineers Structural Analysis and Design of Tall Buildings: Steel and Composite Construction Principles of Structural Design: Wood, Steel, and Concrete, Second Edition 2012 IBC Structural/Seismic Design Manual Volume 4: Examples for Steel-Framed Buildings Structural Steel Design (5th Edition) Structural Steel Design: A Practice-Oriented Approach (2nd Edition) Hardening, Tempering, Annealing and Forging of Steel: A Treatise on the Practical, Treatment and Working of High and Low Grade Steel (Classic Reprint) Practical Fracture Mechanics for Structural Steel Structural Analysis and Synthesis: A Laboratory Course in Structural Geology Structural Analysis and Synthesis: A Laboratory Course in Structural Geology 3rd (third) edition by Rowland, Stehen M., Duebendorfer, Ernest M., Schiefelbein, I published by Wiley-Blackwell (2007) [Spiral-bound] The Techniques of Modern Structural Geology, Volume 3: Applications of Continuum Mechanics in Structural Geology Pipe Drafting and Design, Third Edition Interpreting Engineering Drawings (Drafting and Design) Architectural Drafting and Design (Available Titles CourseMate) Pipe Drafting and Design, Second Edition SEAOC Structural/Seismic Design Manual 2009 IBC Vol 2: Building Design Examples for Light-Frame, Tilt-up and Masonry

Techniques of Staircase Construction: Technical and Design Instructions for Stairs Made of Wood, Steel, Concrete, and Natural Stone Feng Shui: Wellness and Peace- Interior Design, Home Decorating and Home Design (peace, home design, feng shui, home, design, home decor, prosperity)

[Dmca](#)