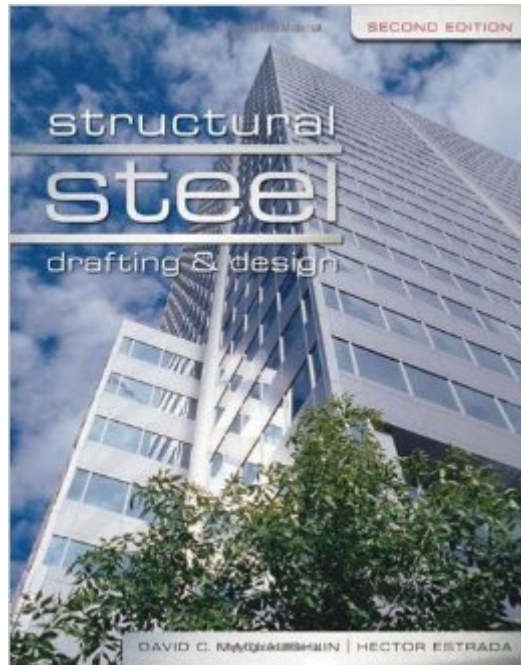


The book was found

# 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

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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.

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