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The Architect's Studio Companion: Rules Of Thumb For Preliminary Design



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Synopsis

The time-saving resource every architect needs The ArchitectÃ¢â ¬â„¢s Studio Companion is a robust, user-friendly resource that keeps important information at your fingertips throughout the design process. It includes guidelines for the design of structure, environmental systems, parking, accessibility, and more. This new sixth edition has been fully updated with the latest model building codes for the U.S. and Canada, extensive new information on heating and cooling systems for buildings, and new structural systems, all in a form that facilitates rapid preliminary design. More than just a reference, this book is a true companion that no practicing architect or student should be without. This book provides quick access to guidelines for systems that affect the form and spatial organization of buildings and allows this information to be incorporated into the earliest stages of building design. With it you can: Select, configure, and size structural systems Plan for building heating and cooling Incorporate passive systems and daylighting into your design Design for parking and meet code-related life-safety and accessibility requirements Relying on straightforward diagrams and clear written explanations, the designer can lay out the fundamental systems of a building in a matter of minutesÃ¢â ¬â •without getting hung up on complicated technical concepts. By introducing building systems into the early stages of design, the need for later revisions or redesign is reduced, and projects stay on time and on budget. The ArchitectÃ¢â ¬â„¢s Studio Companion is the time-saving tool that helps you bring it all together from the beginning.

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Customer Reviews

THE GUIDEBOOK AT EVERY ARCHITECT'S FINGERTIPS—UPDATED AND EXPANDED Get your preliminary designs off the ground with The Architect's Studio Companion, Sixth Edition—the handbook you need for the preliminary selecting, configuring, and sizing of the structural, environmental, life safety, accessibility, and parking systems of a building. Edward Allen and Joseph Iano, authors of the bestselling Fundamentals of Building Construction, use their trademark talent for boiling down complex technical requirements into easy-to-use and time saving guidelines for the engineering and architectural design of buildings. Use this practical reference to: Quickly access up-to-date information on the latest energy efficient building heating and cooling systems Easily explore alternative structural materials and systems for your building design Readily incorporate the requirements of the latest U.S. and Canadian model building codes and accessibility regulations Consider passive approaches to heating and cooling, natural daylighting, and other sustainable building design strategies Streamline your design process today with The Architect's Studio Companion, Sixth Edition.

EDWARD ALLEN, FAIA, has been a member of the faculties of Yale University and the Massachusetts Institute of Technology, and has frequently taught as a guest at other institutions across the United States. He is the bestselling author of The Architects Studio Companion, Architectural Detailing, Form and Forces, and Fundamentals of Building Construction, all published by Wiley. JOSEPH IANO is an author, illustrator, and practicing architect who has taught design and technology in schools of architecture throughout the United States. He has also worked in the construction trades. Currently, he heads a Seattle design firm that provides technical and quality management consulting. He has collaborated with Edward Allen on numerous publications, including Fundamentals of Building Construction.

Awesome!!!

Really awesome guide that I use almost everyday. Even though it is paperback, the front and back covers have a high quality laminate feel.

The subtitle says it extremely well. There is a massively wide selection of information in here, from proper toilet sizing information on each floor, to quick schematics of lighting schemes (natural and artificial) to proper sizing of parking spots. The information is well organized and easily accessible as a desk reference. Alternately, instead of using it as a quick reference, the book can be

approached front to back for a full sketch of a building design. First address which building codes are applicable, then design the structure, bring light in from outside, then services, accessibility, parking, and area and height constraints. Not sure I'd ever come at a project or idea with such a blank slate, but it does make a sensible design strategy.

This book is great for the professional, lots of information to design the project with the correct type of structure. It's very easy to use even for the homeowner. And while it can also be educational for the average person, this really isn't for the DIY'r as we usually leave structural design for the professionals but it can help you understand why something looks over designed and may cost more than you expected (how many times have you seen a deck that's shouldn't hold more than a couple of people?).Overall, full of structural design info, easy to use.

Excellent reference manual filled with one- and two-page encyclopedic entries that are just what you need in the preliminary design phase. Great for programmatic work and space planning. Pages are thick and book is laminated, so could be carried into the field. Price is right for the amount of information and quality of the text.

Although useful for contractors and their clients (esp. those who know the lingo), this book was written for architects by architects, and was improved over time (as a 6th edition) by the input of many other architects. The authors introduce it as "your desktop technical advisor for the earliest stages of building design". Professional designers must love this "companion", partly due to its very coherent and logical organization, but mostly because they know that the early stages of a project, aside from being necessarily technical, are clearly the most important and fraught-with-peril aspect of their job. To disappoint clients with tacky finishes is one thing, to conform a design to the wrong code or to make structural blunders is another thing altogether.Of the book's 7 sections, the first covers building codes, the second structural designs, and the following five cover "Daylighting", Mechanical and Electrical spaces, Egress/Access, Parking, and "Height & Area Limitations". At first, some of these topics seemed a little odd, even irrelevant (DayLighting). This soon changed however as I realized that these "Rules of Thumb" had to cover a host of buildings of many sizes, types and functions, from one family residences (the only category of interest to me) to large multi-storied, commercial buildings - and everything in between (e.g. barns, parking garages, factories, etc.). This inclusive architectural scope explains the book's emphasis on careful organization and cross-referencing, and "how to use this book" material.The book itself is technically a quality

paperback of almost 500 semi-coated pages with very good binding; it is surprisingly heavy, obviously durable, expensively made, and expensive to buy. It was made to last and meant for professionals (for whom the price is not an issue), but even so I quickly learned a few crucial things concerning my own residential project that I was overlooking, and also discovered the actual meaning of some technical terms that I hadn't really understood.Given all of the above, my evaluation of Studio Companion is 5 stars. It is probably an essential reference for architects, and I found it to be informative and clarifying, but others with similar dream house aspirations, of course, may not agree due to the book's inclusive scope and generality.

I gave this to a friend of mine who is a working toward his architecture license, and he was really excited to receive it. He'd been using an older version hadn't yet gotten the latest. It's a great resource for preliminary design and he says it's a "must have" for every architecture student.

This comprehensive manual is a solid reference. The organization is impressive and coverage is broad. It is not limited to single type of structure and addresses just about every issue you can think about and many that you can't . Ideal for architects it is valuable for those in related fields. well designed, fastidiously organized and technically precise, it is a book that will be consulted frequently.

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