Fundamentals Of Building Construction Edward Allen 4th Edition

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Fundamentals of Building Construction Edward Allen, Joseph Iano, 2011-10-24 Now in its Fifth Edition this essential textbook has been used by thousands of students annually in schools of architecture engineering and construction technology The bestselling reference focuses on the basic materials and methods used in building construction emphasizing common construction systems such as light wood frames masonry bearing walls steel frames and reinforced concrete New introductory material on the processes organization constraints and choices in construction offers a better look at the management of construction New sections covering the building envelope uncover the secrets to designing enclosures for thermal insulation vapor retarders air barriers and moisture control The Fifth Edition also features more axonometric detail drawings and revised photographs for a thoroughly illustrated approach and the latest IBC 2006 CSI MasterFormat ASTM references and LEED information

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studies and checklists you can use on your own projects Helps you reduce your liability by showing why building envelopes fail and how they can be designed to endure Moves from theory to actual construction by including hundreds of building envelope details from a broad array of projects and climates Integrates numerous contemporary case studies including Frank Gehry's Experiential Music Center in Seattle thin skins Renzo Piano's Rue de Meaux housing in Paris terra cotta cladding and Mario Botta s San Francisco Museum of Modern Art prefabricated brick panels Designing the Exterior Wall is a must have book whether you re an architect or a student Order your copy today Materials for Interior Environments Corky Binggeli, 2008 Covering all aspects of interior design materials this book includes health and safety codes human factors and material selection economic criteria environmental criteria finishes for walls windows ceilings flooring and millwork and **Designing Commercial Interiors** Christine M. Piotrowski, Elizabeth A. Rogers, IIDA, 2012-06-14 The furniture materials definitive reference on designing commercial interiors expanded and updated for today s facilities Following the success of the ASID Polsky Prize Honorable Mention in 1999 authors Christine Piotrowski and Elizabeth Rogers have extensively revised this guide to planning and designing commercial interiors to help professionals and design students successfully address today s trends and project requirements This comprehensive reference covers the practical and aesthetic issues that distinguish commercial interiors There is new information on sustainable design security and accessibility three areas of increased emphasis in modern interiors An introductory chapter provides an overview of commercial interior design and the challenges and rewards of working in the field and stresses the importance of understanding the basic purpose and functions of the client's business as a prerequisite to designing interiors. This guide also gives the reader a head start with eight self contained chapters that provide comprehensive coverage of interior design for specific types of commercial facilities ranging from offices to food and beverage facilities and from retail stores to health care facilities Each chapter is complete with a historical overview types of facilities planning and interior design elements design applications a summary references and Web sites New design applications covered include spas in hotels bed and breakfast inns coffee shops gift stores and salons courthouses and courtrooms and golf clubhouses In keeping with the times there are new chapters focusing on senior living facilities and on restoration and adaptive use A chapter on project management has been revised and includes everything from proposals and contracts to scheduling and documentation Throughout the book design application discussions illustrations and photographs help both professionals and students solve problems and envision and implement distinctive designs for commercial interiors With information on licensing codes and regulations along with more than 150 photographs and illustrations this combined resource and instant reference is a must have for commercial interior design professionals students and those studying for the NCIDQ licensing exam Companion Web site www wiley com go commercialinteriors

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