

Aia Document A401

Architects must be proficient in a variety of business practices to contribute to, manage, or launch a successful firm. They are responsible for the same kind of legal, financial, marketing, management, and administrative activities as any other professional. Within these broad categories, however, there are many details, including professional standards and documents, that are unique to the profession of architecture.

Now you can keep construction design exposure to a minimum! Prepared for design and construction professionals and their attorneys, this comprehensive, up-to-date resource is written by eminent authorities in the field. It details all relevant topics

The primary focus of this text is to provide a bridge for students between the academic world and the real world. This bridge is built through an understanding of what is law, how law is created, how law affects almost every activity of human conduct, and how legal institutions operate. Intended mainly for architectural and engineering students, but increasingly for those in business schools and law schools, this text features a clear, concise, and jargon-free presentation. It probes beneath the surface of legal rules and uncovers why these rules developed as they did, outlines arguments for and against these rules, and examines how they work in practice. Updated with the most recent developments in the legal aspects of architectural, engineering, and the construction processes, this text is also a valuable reference for practitioners that has been cited in over twenty-five court decisions. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Construction and design contracts increasingly contain provisions giving one or both parties the power to terminate the contract. Given that contracts are not always clear on the interrelationship between the termination provisions and the law, this unique resource provides the insight and information you need to interpret contracts and enforce key clauses to your client's advantage. Termination of Construction and Design Contracts enables you to handle even the most complicated terminations and suspensions. With this latest addition to Aspen Publishers' respected Construction Red Book Series, you'll be able to: Negotiate and draft appropriate termination clauses in project contracts Benefit from expert analysis of current case law Master the subtle differences between different types of termination and—know when each applies Identify all the potential remedies for the terminated contractor whether justified or wrongful Understand and enforce the duty to mitigate Identify and apply the different immunities Accurately value the costs involved in termination Determine what constitutes default and the grounds for a default termination Define the contractor's, owner's, and designer's right to suspend work Termination of Construction and Design

Contracts provides complete and comprehensive analysis of all the issues surrounding contract termination and the suspension of construction and design projects. Covers the legal and practical details of termination from every party and's perspective: Public Owners Private Owners Contractors Subcontractors Sureties

To help you successfully prepare for and pass the examination for certified General, Builder, and Residential Contractor.

Legal Guide to AIA Documents, Fifth Edition is a current, comprehensive, and practical resource to help you master and use the construction industry contract terms set forth by the various agreements between owners, contractors and architects. This new Fifth Edition delivers complete coverage of the following key AIA Documents AIA Document A101: Standard Form of Agreement between Owner and Contractor and— Stipulated AIA Document A201: General Conditions of the Contract for Construction AIA Document B101: Owner Architect Agreement for Basic Services and—Large Projects AIA Document B103: Owner Architect Agreement for Basic Services and—X Large Projects AIA Document B104: Standard Form of Agreement between Owner and Architect and—Project of Limited Scope (Medium Projects) Designed to help you draft agreements that best protect your clients and' interests in every situation, Legal Guide to AIA Documents, Fifth Edition provides: Accurate and practical clause-by-clause analysis and—enabling you to gain greater understanding of every AIA document provision Invaluable alternate language and—allowing you to customize agreements to meet the requirements of specific circumstances Guidance you need to negotiate language, clauses and terms in contracts between architects and owners, and owners and contractors. Legal Guide to AIA Documents, Fifth Edition also includes in-depth cross- references to every other important document throughout. The author highlights all the changes from the 1997 forms to the 2007 forms and identifies where issues are most likely to arise as a result of these recent changes.

DESIGN and PLANNING of Research and Clinical LABORATORY FACILITIES In this primer/professional reference, Leonard Mayer demystifies one of the most complex architectural specialties. An architect with more than thirty-three years' experience as a master planner and programmer of laboratories and clinical facilities, Mr. Mayer offers a comprehensive overview of the fundamental issues related to laboratory planning and design. He also provides designers with a clear and rational framework through which to approach this highly challenging and rewarding design specialty. A superb learning tool for students and professionals just getting started in lab design and a valuable one-volume reference for the experienced professional, Design and Planning of Research and Clinical Laboratory Facilities features:

- * Step-by-step guidance through the complex maze of codes, specifications, standards, and official guidelines, relating to the planning, design, and construction processes
- * New and updated design criteria based on the most recent laws and regulations
- * Master plans, facility programs, functional programs and requirements programs for a wide variety of scientific and medical disciplines and support facilities
- * Comprehensive lists of relevant codes, regulations, standards, guidelines, and important architectural, structural, mechanical, electrical, and plumbing criteria

Research and clinical laboratory facilities are, perhaps, the most complex structures to plan and design. Intimidated by a vast and seemingly impenetrable body of codes, regulations, and design criteria pertaining to lab design and construction, many architects, unfortunately, choose to avoid what can be one of the most profitable and professionally rewarding areas of specialization. Written by an architect with more than thirty-three years of experience as a master planner and programmer of laboratories and clinical facilities, this book demystifies the process of laboratory planning and design. It provides a comprehensive overview of the fundamental issues related to laboratory design and offers readers detailed, step-by-step guidance through the complex maze of design specifications and codes, standards, and official guidelines that must be addressed during the programming, planning, design, and construction process. Focusing mainly on

laboratory programming, planning, and design criteria for "wet" laboratory environments, Leonard Mayer provides examples from numerous master plans, facility programs, functional programs and requirements programs applicable to a wide variety of scientific and medical disciplines, and related facilities. Related functions and activities include administrative offices, computer centers, core service and support, building services facilities, and more. He presents new and updated design criteria based on recent laws and regulations and supplies readers with comprehensive lists of relevant codes, regulations, standards, guidelines, and architectural, structural, mechanical, electrical, and plumbing criteria. Design and Planning of Research and Clinical Laboratory Facilities is an excellent primer for architecture students and newcomers to the field, as well as an indispensable single-volume reference for experienced professionals. It is also an invaluable resource for researchers and investigators, facility planners and managers, plant engineers, and all others involved with the design, construction, maintenance, and administration of laboratory facilities.

Packed with conceptual sketches and photos, real world case studies and green construction details, Handbook of Green Building Design and Construction provides a wealth of practical guidelines and essential insights that will facilitate the design of green buildings. Written in an easy to understand style, the Handbook draws on over 35 years of personal experience across the world, offering vital information and penetrating insights into two major building rating systems such as LEED and BREEAM both used extensively in the United States, Europe, Asia and the Middle East. Develop a project schedule that allows for systems testing and commissioning. Create contract plans and specifications to ensure building performance A step-by-step approach for integrating technologies into the different stages of design and execution.

No other contracts are more widely used in the construction industry than the American Institute of Architects' standard forms. The American Institute of Architects Official Guide to the 2007 AIA Contract Documents offers unparalleled insight into the AIA's extensive portfolio of contract documents, helping the reader understand the forms and how to implement them. This guide is divided into two parts: Part One, The AIA Standard Documents, examines the role of AIA Contract Documents, their history, and how the documents are written and updated. It also reviews the educational and supporting resources that are part of the AIA's contract documents program; Part Two, The AIA Documents Companion, describes agreements in detail, including the purpose and rationale for provisions. Separate chapters cover the owner-contractor, contractor-subcontractor, owner-architect, and architect-consultant agreements. The guide concludes with a chapter describing pivotal legal cases that have helped shape and interpret AIA contracts. Samples of the most commonly used contracts are in print in the appendix, and an accompanying CD-ROM has samples of all AIA Contract Documents (in PDF format for Mac and PC computers) that released in 2007, as well as the Integrated Project Delivery Family of documents that released in 2008. This book is invaluable for construction project owners, attorneys, contractors, subcontractors, design professionals, and others involved in the procurement, management, and delivery of building projects. It is also recommended for students and young professionals seeking a degree, certification, or licensure.

CONSTRUCTION LAW FOR DESIGN PROFESSIONALS, CONSTRUCTION MANAGERS AND CONTRACTORS is a condensed -- and completely revamped -- version of the bestselling authority on engineering law, LEGAL ASPECTS OF ARCHITECTURE, ENGINEERING AND THE CONSTRUCTION PROCESS (now in its 9th edition) by Justin Sweet, Marc M. Schneier and Blake Wentz. For this new book, the authors have directed the text at engineering, architecture and construction management students. Given the authors' long and deep understanding of the intersection between the law and the construction industry, professors and students can trust this text is unparalleled. The addition of Blake Wentz to the author team emphasizes the commitment to the field. Important Notice: Media content referenced within

the product description or the product text may not be available in the ebook version.

"This book is specifically written for architecture students about to begin their careers"--

Provides a framework for understanding of the legal, contractual and procedural implication of architectural practice. The book acts as a useful aide-memoire for students and practitioners based on the premise that smooth legal administration will provide the conditions under which client relations can be constructive and good design can be achieved.

Now you can keep construction design exposure to a minimum! Prepared for design and construction professionals and their attorneys, this comprehensive, up-to-date resource is written by eminent authorities in the field. Architect and Engineer Liability: Claims Against Design Professionals, Fourth Edition details all relevant topics: risk management, alternative dispute resolution, trial conduct, handling shop drawings, insurance and surety, and more. You'll get straightforward answers to all your legal questions, as well as examples of the valuable lessons learned by leading design and construction experts.

By their very nature, construction projects can create seemingly endless opportunities for conflict. Written by a best selling author with over 40 years of experiences in the construction and general contracting business, Construction Process Planning and Management provides you with the necessary tools to save time and money on your construction project. In this book, Sid Levy provides valuable advice for avoiding or working through the common problems that are a result of the long-term nature of construction projects, failure to select a ?project delivery system? appropriate to the project, incomplete drawing and specifications, unrealistic scheduling, poor communication and coordination among participants, and inadequate contract administration. From project genesis, through design development to contractor and contract selection, on to construction oversight, punch list and successful project close-out, this book will point out those pitfalls to avoid and offer practical advice at every step along the way. Administer the general construction process including solicitation of contractor's qualifications (pre-qualify bidders), comparative analysis of bid packages, recommendation for contract award, contract document negotiation and documentation of job change orders Provide Project Planning and on-site management and coordination of all construction projects Ensure compliance of building construction rules and regulations and collaborate with chief engineers to monitor quality of construction Conduct technical/plan review of construction documents and submit written responses identifying required corrections or changes Design, implement and oversee Company standards for construction policies, practices and processes The bestselling guide to the laws that govern construction Knowledge of construction law and employment law is essential to running a successful construction business. Now, industry professionals don't have to rely on lawyers to translate the sometimes-confusing theories, principles, and established rules that regulate the business. In plain English, Smith, Currie & Hancock's Common Sense Construction Law, Third Edition provides a practical introduction to the significant legal topics and questions affecting construction industry professionals. General contractors, subcontractors, owners, and surety bond agents will turn to this updated edition of the bestselling guide again and again for: Information on intrastate licensure and practice Advice on "Best Value" source selection and alternative project delivery systems Recent trends in claim resolution, including recovery of

compensation for delays, extra work, and differing site conditions Expanded coverage on industry safety and environmental issues, including the latest information on project safety, indemnity, mold risks, and insurance coverage issues Helpful "Points to Remember" summarizing important concepts and useful "Checklists" make concepts easy to implement in real-world practice Advice on successfully managing employment issues in the construction industry Complete with a CD-ROM containing over 180 sample contracts and documents from AIA, AGC, and EJCDC, Smith, Currie & Hancock's Common Sense Construction Law, Third Edition is an invaluable reference for industry professionals whose jobs rely on their ability to avoid unwelcome legal surprises that can cripple a project or kill a business.

Book & CD-ROM. Starting a construction company, even a small one, can be a very profitable venture. In good times and bad construction is an industry that will always be in demand, and construction is not an industry where technology will replace or undermine it. The construction field is growing rapidly. According to the Bureau of Labor Statistics, construction firms are expected to be one of the fastest growing business segments in the U.S. economy. There has never been a better time to start a construction company and get ahead of the competition. This is a comprehensive, detailed study of the practical side of starting and operating a construction firm. It will take you step by step through every aspect and prepare you with everything you need including sample business forms, leases, contracts; worksheets and checklists for planning, starting, and running day-to-day operations. You will get dozens of other valuable, timesaving tools of the trade that every entrepreneur should have. While providing detailed instruction and examples, the author help you find a location and business name that will bring success, take you through the process of drawing up a winning business plan (the Companion CD-ROM has the actual business plan you can use in MS Word TM), and teach you how to start and manage your construction company. You will find guidance on obtaining licenses and permits, drawing up contracts, hiring subcontractors, meeting governmental regulations, attracting new clients and referrals, applying for financing, tracking utilities, employing basic cost control systems, dealing with pricing issues, and staying ahead of the competition. You will avoid trial by error when setting up equipment layouts, meeting legal and IRS requirements, and tapping into the best sales and marketing techniques and pricing formulas. The book will even help you set up computer systems to save time and money, teach you how to hire and keep a qualified professional staff, use the best computer software, network with publishers and associations, do your own sales planning, customer service, keep your own books, compile monthly profit and loss statements, and prepare taxes. You will become adept at media planning, pricing, and public relations. You will be able to manage and train employees, motivate workers, generate high profile public relations and publicity, and learn low cost marketing ideas and low cost ways to satisfy customers and build sales. You will learn how to keep bringing customers back and build referrals the secret of continued success as well as getting thousands of great tips and useful guidelines. The manual delivers literally hundreds of innovative demonstrated ways to operate and streamline your business. Learn new ways to make your operation run smoother and increase performance, shut down waste, reduce costs, and increase profits. The secret of continued success as well as getting thousands of great tips and useful ideas. In addition, you will appreciate the valuable CD ROM resource

in your daily activities as a source of ready-to-use forms, templates, worksheets, business plan, surveys, letters, web site resources, everything you will need to get up and running. We also went the extra mile and spent an unprecedented amount of time researching, interviewing, e-mailing, and communicating with hundreds of today's most successful construction company executives. Aside from learning the basics you will be privy to their secrets and proven successful ideas. Instruction is great, but advice from experts is even better, and the construction experts chronicled in this book are earning a great deal of money for their expertise.

Covering all aspects of the design-build delivery system, this valuable guide presents the pros and cons and compares them with the traditional project delivery method. You'll learn how to easily navigate the thicket of licensing considerations, evaluate bonding and insurance implications, and analyze the performance guarantees of the design-build concept. You also get practical suggestions for effective drafting of design-build contracts.

In compiling the third and entirely revised edition of *Construction Disputes: Representing the Contractor*, the editors have sought out as specialists in their field: contributing authors who are not only experienced in resolving construction disputes but also known and respected for their expertise in specific critical areas commonly encountered in construction litigation. Although intended primarily to assist attorneys, this book also provides a useful desk reference for anyone whose activities touch on long-term contract matters and gives individual contractors a better understanding of how their actions may affect this increasingly important part of operations.

Enables non-attorneys in the construction industry to understand how the construction process and law interact in order to resolve disputes without going to court. Analyzes specific issues concerning contracts, subcontracting, tort claims, insurance and bonds. Recommends strategies for avoiding or terminating litigation if a claim arises. Includes actual case studies and a complete reference of relevant AIA, EJCDC and NSPE documents.

CD-ROM contains: Samples of all AIA contract documents.

The #1 construction law guide for construction professionals Updated and expanded to reflect the most recent changes in construction law, this practical guide teaches readersthe difficult theories, principles, and established rules that regulate the construction business. It addresses the practical steps required to avoid and mitigate risks—whether the project is performed domestically or internationally, or whether it uses a traditional design-bid-build delivery system or one of the many alternative project delivery systems. Smith, Currie & Hancock's *Common Sense Construction Law: A Practical Guide for the Construction Professional* provides a comprehensive introduction to the important legal topics and questions affecting the construction industry today. This latest edition features: all-new coverage of Electronically Stored Information (ESI) and Integrated Project Delivery (IPD); extended information on the civil False Claims Act; and fully updated references to current AIA, ConsensusDocs, DBIA, and EJDC contract documents. Chapters coverthe legal context of construction; interpreting a contract; public-private partnerships (P3); design-build and EPC; and international construction contracts. Other topics include: management techniques to limit risks and avoid disputes; proving costs and damages, including for changes and claims for delay and disruption; construction insurance, including general liability, builders risk, professional liability, OCIP, CCIP, and OPPI; bankruptcy; federal government

construction contracting; and more. Fully updated with comprehensive coverage of the significant legal topics and questions that affect the construction industry Discusses new project delivery methods including Public-Private Partnerships (P3) and Integrated Project Delivery (IPD) Presents new coverage of digital tools and processes including Electronically Stored Information (ESI) Provides extended and updated coverage of the civil False Claims Act as it relates to government construction contracting Filled with checklists, sample forms, and summary "Points to Remember" for each chapter, Smith, Currie & Hancock's Common Sense Construction Law: A Practical Guide for the Construction Professional, Sixth Edition is the perfect resource for construction firm managers, contractors, subcontractors, architects and engineers. It will also greatly benefit students in construction management, civil engineering, and architecture.

The topics in the book are organized in the same manner as they would actually arise in a construction project. First, the book deals with pre-construction issues licensing, bidding, and the formation of the construction contract. It then discusses what happens when things go wrong with breach of contract by the owner and/or the contractor. An in-depth analysis is provided with regard to claims involving delay, disruption, and acceleration. Several chapters are then devoted to statutory remedies-mechanics' liens, stop notices, and bonds both on public and private works. Finally, coverage is provided on other issues and subjects involving the construction industry, including expanding liability, home improvement contracts, bankruptcy, and alternative dispute resolution.

Most construction lawyers are familiar with the American Institute of Architects (AIA), Engineers Joint Contract Documents Committee (EJCDC) forms of agreements, and the newer ConsensusDOCS forms. The ConsensusDocs forms replace many of the forms previously issued by the Associated General Contractors of America (AGC). Now completely revised, this invaluable resource offers a topic-by-topic comparison of these forms by providing: - An easy-reference guide to how the AIA, ConsensusDOCS and EJCDC forms treat the most significant issues in owner/contractor/subcontractor and owner/design professional agreements - Proposed alternative language for situations where the form contract approach may not provide the best solution - List comparing the most significant provisions from each of these forms (on the CD-ROM)