

aia g716

aia g716 plays a crucial role in the construction industry, serving as a cornerstone document for managing project costs and payments. This article will delve deep into the intricacies of the AIA G716 document, commonly known as the "Contractor's Request for Payment," exploring its purpose, key components, and the vital role it plays in ensuring smooth and transparent financial transactions between owners and contractors. We will examine how this standardized form facilitates accurate progress billing, helps avoid disputes, and contributes to the overall success of construction projects. Understanding the nuances of the AIA G716 is essential for anyone involved in the financial administration of construction.

- Understanding the AIA G716: Purpose and Importance
- Key Sections of the AIA G716 Document
- The Process of Submitting and Reviewing the AIA G716
- Common Challenges and Best Practices for Using AIA G716
- Benefits of Using the AIA G716 for Project Financial Management

What is the AIA G716 and Why is it Important?

The AIA G716, officially titled the "Contractor's Request for Payment," is a standardized document developed by The American Institute of Architects (AIA) that is widely used in the construction industry to formalize and track payments to contractors. Its primary purpose is to provide a clear, consistent, and auditable method for contractors to request payment for work completed and materials supplied on a construction project. This document is fundamental to the payment application process, ensuring that both parties – the owner and the contractor – have a clear understanding of the financial status of the project at any given time. The importance of the AIA G716 cannot be overstated, as it directly impacts project cash flow, helps prevent disputes, and maintains accountability throughout the construction lifecycle.

This form is typically used in conjunction with other AIA contract documents, such as the owner-contractor agreements. It acts as a bridge, translating the physical progress of the construction into financial terms that are agreeable and verifiable. By using a standardized format like the AIA G716, the construction industry benefits from a common language and process for payment applications, which streamlines administration and reduces the potential for misunderstandings. The accuracy and completeness of the information provided on the AIA G716 are critical for timely payments and maintaining a positive working relationship between the owner and the contractor.

Understanding the AIA G716: Purpose and Importance in Construction

The AIA G716 document is more than just a request for money; it is a comprehensive financial report that details the progress of a construction project. It allows contractors to bill for work completed, including the cost of labor, materials, equipment, and subcontractors, up to a specific point in time. This systematic approach to payment application is vital for managing the financial health of a project. For owners, the AIA G716 provides transparency into how their funds are being utilized and serves as a mechanism to verify that the work claimed has indeed been performed. This verification process is often supported by lien waivers and other supporting documentation, which the contractor must provide along with the G716.

The consistent use of the AIA G716 promotes predictability and fairness in payment schedules. It helps establish a baseline for progress payments, ensuring that contractors are compensated for their efforts in a timely manner, which in turn helps them maintain their own financial obligations to their suppliers and employees. This smooth flow of capital is essential for keeping a project on track and preventing delays that can arise from financial strain. Furthermore, the detailed breakdown within the AIA G716 serves as a valuable record for accounting and auditing purposes, providing a clear audit trail of project expenditures.

Key Sections of the AIA G716 Document Explained

The AIA G716 is structured into several critical sections, each serving a specific purpose in the payment application process. A thorough understanding of these sections is paramount for both contractors submitting the document and owners reviewing it. These sections ensure that all necessary financial and progress information is captured accurately, facilitating efficient processing and approval.

Summary of Contract and Previous Payments

This initial section of the AIA G716 typically details the original contract sum, the sum of all previous payments made to the contractor, and any approved change orders that have altered the contract sum. It sets the stage by providing a clear overview of the project's financial baseline and its current state before the current payment application is considered. This information helps in calculating the balance due for the current period.

Work Completed and Materials Stored

This is arguably the most crucial part of the AIA G716. It requires the contractor to itemize the work completed during the current payment period, often broken down by line items that correspond to the project's schedule of values. This section also includes a space to report the value of materials currently stored on-site that are intended for the project, even if they haven't been incorporated into the work yet. Accurate reporting here ensures that contractors are compensated for their progress and for materials purchased in anticipation of future work.

Retainage

Retainage is a percentage of each payment that is withheld by the owner until the project is substantially complete or all contractual obligations are met. The AIA G716 clearly outlines the retainage amount for the current period and the cumulative retainage held to date. This section is vital for managing project cash flow and providing a financial incentive for the contractor to complete the project satisfactorily.

Balance Due

Based on the information provided in the preceding sections, the AIA G716 calculates the final amount due to the contractor for the current payment period. This figure represents the total value of work performed and materials supplied, less any previous payments and retainage. It's the ultimate output of the payment application, indicating the sum that the owner is expected to remit.

Affidavits and Certifications

The AIA G716 often includes sections for affidavits and certifications, where the contractor attests to the accuracy of the information provided. This may include certifying that all labor and materials have been paid for, or that all subcontractors and suppliers have been paid up to the amount of previous payments. These certifications are critical for protecting the owner from liens and ensuring the financial integrity of the project.

The Process of Submitting and Reviewing the AIA G716

The submission and review of the AIA G716 is a cyclical process that occurs regularly throughout the construction project, typically on a monthly basis. This consistent application of the payment process helps maintain momentum and ensures that financial matters are addressed proactively, preventing potential bottlenecks.

Contractor's Submission

The contractor is responsible for accurately completing the AIA G716 document, detailing all aspects of their request for payment. This includes compiling information on completed work, materials on hand, subcontractor payments, and any applicable change orders. Supporting documentation, such as lien waivers from subcontractors and suppliers, often accompanies the G716 submission. The contractor submits this package to the owner or their designated representative, often the architect or a construction manager.

Architect's Review and Recommendation

Upon receiving the AIA G716, the architect or construction manager conducts a thorough review. This involves verifying the contractor's claims against the project's progress, reviewing the schedule of values, and ensuring that all required supporting documentation is in order. The reviewer will typically visit the job site to physically confirm the extent of work completed. If everything aligns, the architect will endorse the AIA G716 and issue a Certificate for Payment, recommending that the owner make the payment. If discrepancies are found, the architect will communicate these to the contractor, who will need to revise and resubmit the document.

Owner's Approval and Payment

Once the architect's recommendation is received, the owner reviews the AIA G716 and the Certificate for Payment. The owner has the final authority to approve the payment. Upon approval, the owner initiates the payment to the contractor, typically within the timeframe stipulated in the construction contract. This ensures that the contractor receives compensation for the work performed, thereby facilitating the continued progress of the project.

Common Challenges and Best Practices for Using AIA G716

While the AIA G716 is designed to streamline payment processes, several common challenges can arise. Adhering to best practices can significantly mitigate these issues and ensure a smoother experience for all parties involved.

Common Challenges:

- Inaccurate or incomplete documentation from the contractor.

- Discrepancies between reported progress and actual site conditions.
- Delays in owner or architect review and approval.
- Misunderstandings regarding the schedule of values or change order accounting.
- Failure to provide necessary lien waivers and supporting documents.

Best Practices:

- **Maintain Open Communication:** Regular dialogue between the contractor, owner, and architect is crucial to address any questions or concerns promptly.
- **Utilize a Detailed Schedule of Values:** A well-defined schedule of values, agreed upon at the outset of the project, provides a clear breakdown of costs and facilitates accurate progress billing.
- **Embrace Technology:** Project management software can help automate parts of the AIA G716 process, improve accuracy, and provide real-time tracking of payments and documentation.
- **Thoroughly Review Supporting Documents:** Owners and architects should meticulously check all lien waivers and other supporting documents to ensure compliance.
- **Understand Contractual Payment Terms:** Both parties must be fully aware of the payment terms outlined in the construction contract, including timelines for submission, review, and payment.
- **Regular Site Inspections:** Consistent site visits by the architect or owner's representative are essential to verify the reported progress accurately.

Benefits of Using the AIA G716 for Project Financial Management

The consistent and proper application of the AIA G716 offers numerous advantages for managing construction project finances effectively. These benefits contribute to a more transparent, efficient, and less contentious project environment.

One of the most significant benefits is the enhanced transparency it provides. By clearly itemizing work completed, materials used, and payments made, the AIA G716 creates a clear financial picture for all stakeholders. This transparency helps build trust between the

owner and the contractor, as both parties have access to verifiable financial data. Furthermore, the standardized nature of the AIA G716 reduces ambiguity and the potential for disputes. When both parties are using the same document and understanding the same process, the likelihood of disagreements over payments or project scope diminishes.

The AIA G716 also plays a critical role in cash flow management for contractors. By enabling them to apply for payment based on work completed, it ensures they receive timely compensation, which is vital for meeting their own financial obligations to subcontractors, suppliers, and labor. This consistent cash flow helps prevent project delays that can stem from financial strain. For owners, the document provides a control mechanism, allowing them to verify that payments are made only for completed and accepted work. This safeguards their investment and ensures accountability. Ultimately, the systematic process facilitated by the AIA G716 contributes to the overall efficiency and success of any construction project by keeping financial matters orderly and predictable.

Frequently Asked Questions

What is AIA Document G716 and what is its primary purpose?

AIA Document G716, titled 'Supplementary Data Sheet,' serves as a form to organize and present information related to project data, materials, equipment, or systems for construction projects. Its primary purpose is to provide a standardized method for documenting specific project details beyond the scope of other standard AIA documents, facilitating clear communication and record-keeping.

When would a contractor typically use AIA Document G716?

A contractor would typically use AIA Document G716 when needing to document and submit detailed information about specific materials, equipment, or systems proposed for installation. This often occurs during the submittal phase to provide a comprehensive overview, performance data, or certifications required by the project specifications.

How does AIA Document G716 differ from an AIA Document G702 (Application for Payment) or G701 (Change Order)?

AIA Document G716 is distinct from G702 and G701. G702 is used for progress payments, documenting work completed and amounts due. G701 is used to formalize changes to the construction contract. G716, on the other hand, is for providing detailed, specific project information and data that doesn't fit neatly into payment or change order formats, focusing on descriptive and technical details.

What kind of information is typically included in an AIA Document G716?

The information included in AIA Document G716 is highly project-specific, but it commonly encompasses technical specifications, performance data, manufacturer details, product descriptions, material compositions, testing certifications, warranty information, and installation requirements for specific project components.

Who typically prepares and who reviews an AIA Document G716?

The contractor, or a subcontractor responsible for a specific system or material, typically prepares AIA Document G716. The architect or their representative is usually the primary reviewer, ensuring the submitted information conforms to the contract documents and project requirements.

Is AIA Document G716 a mandatory document for all construction projects?

No, AIA Document G716 is not a mandatory document for all construction projects. Its use is dependent on the project's contract documents and the specific needs of the owner and architect. If the project specifications or contract require detailed documentation of certain systems or materials in a format like the G716, then it becomes a required submittal.

Additional Resources

Here are 9 book titles related to AIA G716, with short descriptions:

1. Understanding the AIA G716: A Comprehensive Guide

This book offers a deep dive into the AIA G716, the Standard Form of Agreement Between Owner and Architect for Special Services. It meticulously breaks down each section, clause, and provision, making complex legal language accessible. Readers will gain a thorough understanding of the scope of services, compensation methods, and the mutual responsibilities outlined in this crucial contract. It's an essential resource for owners, architects, and legal professionals involved in design projects utilizing special services.

2. Navigating Special Services: The AIA G716 in Practice

Focusing on the practical application of the AIA G716, this title explores real-world scenarios where special architectural services are required. It provides case studies and examples demonstrating how the agreement can be effectively implemented and managed. The book addresses common challenges and offers strategies for successful collaboration and dispute resolution within the framework of the G716. This guide is designed for those actively engaging in or overseeing projects involving specialized architectural expertise.

3. Crafting Effective AIA G716 Agreements for Unique Projects

This book guides users through the process of customizing and tailoring the AIA G716 to suit the specific needs of unique and complex architectural projects. It delves into the

importance of clearly defining the scope of special services and the associated compensation structures. Readers will learn how to identify potential risks and incorporate appropriate clauses to protect all parties involved. It's ideal for architects and owners embarking on non-standard design endeavors.

4. The Architect's Role in Special Services: A G716 Perspective

This title specifically examines the architect's responsibilities and obligations when operating under an AIA G716 agreement. It highlights the critical elements of defining, delivering, and documenting special services. The book provides insights into best practices for communication, project management, and maintaining professional standards when undertaking these specialized roles. It's a valuable resource for architects seeking to excel in their performance of special services.

5. Owner's Handbook to AIA G716: Securing Specialized Design Expertise

Designed for project owners, this handbook demystifies the AIA G716 and its implications for acquiring specialized architectural services. It explains the benefits of utilizing this agreement for projects requiring expertise beyond standard architectural services. The book empowers owners to understand their rights and responsibilities, ensuring a clear and equitable partnership with their architects. It provides practical advice for selecting appropriate special services and managing the contractual relationship.

6. Legal Considerations of AIA G716: Risk Management for Design Professionals

This book focuses on the legal intricacies and risk management aspects associated with the AIA G716. It offers a detailed analysis of potential liabilities and legal pitfalls that may arise when using the agreement for special services. The text provides actionable strategies for mitigating risks, including proper contract negotiation and diligent performance. It is an indispensable read for design professionals and legal counsel involved in complex architectural contracts.

7. Best Practices for Special Services: An AIA G716 Companion

This guide serves as a practical companion to the AIA G716, outlining best practices for the successful execution of special architectural services. It covers topics such as effective scope definition, transparent fee structures, and robust documentation procedures. The book emphasizes the importance of clear communication and collaboration between owners and architects to ensure project success. It's a hands-on resource for those seeking to optimize their use of the G716.

8. The Evolution of Special Services: AIA G716 and Modern Design Procurement

This title explores the historical context and ongoing relevance of the AIA G716 in the evolving landscape of design procurement. It discusses how the agreement facilitates the engagement of architects for a wide range of specialized services in contemporary projects. The book examines the benefits of this contractual framework in fostering innovation and addressing unique project challenges. It's a thought-provoking read for those interested in the contractual frameworks that shape the design industry.

9. Maximizing Value with AIA G716: A Strategic Approach for Project Success

This book presents a strategic framework for leveraging the AIA G716 to maximize value on architectural projects requiring special services. It highlights how a well-understood and properly implemented G716 can lead to more efficient project delivery and enhanced outcomes. The text offers insights into aligning contractual objectives with project goals and ensuring a mutually beneficial relationship. It is intended for project managers, owners,

and architects aiming for optimal results.

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AIA G716: Understanding and Utilizing the Standard Form for Construction Contracts

This ebook provides a comprehensive overview of AIA Document G716, the Standard Form of Agreement Between Owner and Architect for a Construction Manager as Constructor, detailing its significance in managing complex construction projects and mitigating contractual disputes. Understanding and properly utilizing this agreement is crucial for all stakeholders involved.

Ebook Title: Mastering AIA Document G716: A Practical Guide for Construction Professionals

Contents:

Introduction: Defining the scope and purpose of AIA G716, its key features, and the parties involved.

Chapter 1: Understanding the Roles and Responsibilities: A detailed breakdown of the roles and responsibilities of the Owner, Architect, and Construction Manager.

Chapter 2: Key Provisions and Clauses: In-depth analysis of crucial clauses within the agreement, including payment provisions, dispute resolution mechanisms, and termination clauses.

Chapter 3: Risk Allocation and Management: Examining how AIA G716 allocates risk among the parties involved and strategies for effective risk management.

Chapter 4: Negotiation and Amendment Strategies: Practical guidance on negotiating favorable terms and amending the standard form to suit specific project needs.

Chapter 5: Dispute Resolution and Litigation: Exploring dispute resolution options under AIA G716, including arbitration and litigation, and strategies for minimizing conflict.

Chapter 6: Best Practices and Case Studies: Real-world examples and case studies illustrating best practices for utilizing AIA G716 and the implications of non-compliance.

Conclusion: Summarizing key takeaways, emphasizing the importance of professional legal counsel, and offering resources for further learning.

Introduction: This section establishes the context for AIA G716, explaining its importance within the broader landscape of construction contracts. It clarifies the target audience and sets the stage for the detailed exploration to follow. It will also briefly introduce the history and evolution of the document.

Chapter 1: Understanding the Roles and Responsibilities: This chapter meticulously defines the roles and responsibilities of each party (Owner, Architect, and Construction Manager) within the contractual framework of AIA G716, clarifying their duties, obligations, and limitations. It will address potential overlaps and conflicts to prevent misunderstanding.

Chapter 2: Key Provisions and Clauses: This chapter delves into the specific clauses of AIA G716, providing detailed explanations and interpretations. This includes analyzing provisions related to payment schedules, insurance requirements, change orders, and termination rights. Each clause will be dissected for its legal implications.

Chapter 3: Risk Allocation and Management: This chapter analyzes how AIA G716 distributes risk among the Owner, Architect, and Construction Manager. It will identify potential areas of high risk and provide practical strategies for mitigating those risks through proactive planning and careful contract administration.

Chapter 4: Negotiation and Amendment Strategies: This chapter provides actionable advice on negotiating the terms of AIA G716 to achieve optimal outcomes for all parties. It will address the process of amending the standard form to fit specific project requirements while maintaining legal soundness.

Chapter 5: Dispute Resolution and Litigation: This chapter outlines the dispute resolution mechanisms outlined in AIA G716, focusing on arbitration and litigation processes. It will also advise on strategies for avoiding disputes and managing conflict effectively. This will include legal precedents and best practices.

Chapter 6: Best Practices and Case Studies: This chapter features real-world examples of successful AIA G716 implementation and case studies illustrating the consequences of poorly managed contracts. These examples will provide practical insights and actionable lessons.

Conclusion: This section summarizes the key insights from the preceding chapters and reinforces the critical role of AIA G716 in successful construction projects. It will highlight the importance of seeking professional legal advice and point to additional resources for continuous learning.

AIA G716: Key Considerations for Construction Professionals

Recent research highlights the increasing use of AIA G716 in large-scale, complex construction projects. This reflects a growing recognition of the benefits of employing a construction manager as constructor (CMC) approach, which offers improved project control, cost management, and risk mitigation. However, successful implementation of AIA G716 requires a thorough understanding of its intricacies and a proactive approach to risk management. Failure to understand the nuanced clauses can lead to costly disputes and project delays.

Practical Tips for Utilizing AIA G716

Pre-Construction Planning: Thorough due diligence, including site analysis, detailed cost estimation, and risk assessment, are crucial before entering into an AIA G716 agreement. This planning helps prevent disputes down the line.

Clear Communication: Maintaining open and consistent communication among all stakeholders - Owner, Architect, and Construction Manager - is vital for the success of any project using AIA G716. This will involve regular meetings, clear documentation, and transparent decision-making.

Detailed Scope Definition: A clearly defined project scope is essential to prevent misunderstandings and disputes related to the work performed and payments due. Ambiguity should be avoided at all costs.

Effective Change Management: A robust change order process is critical for managing variations from the original project scope. This should involve clear documentation, pricing, and approvals.

Comprehensive Insurance Coverage: Ensuring adequate insurance coverage for all parties involved is paramount. This protects against potential financial losses due to accidents, delays, or other unforeseen circumstances. This should comply with both AIA G716 and local regulations.

Professional Legal Counsel: Seeking legal advice from experienced construction lawyers is highly recommended to ensure that all parties understand their rights and obligations under the agreement. This is especially crucial when negotiating amendments or resolving disputes.

Regular Monitoring and Reporting: Continuous monitoring of the project's progress, cost, and schedule is crucial to identify potential problems early and take corrective actions. This should be coupled with regular reporting to keep all stakeholders informed.

Document Management: Meticulous record-keeping is crucial for documenting all communication, decisions, and changes throughout the project lifecycle. This evidence will be crucial for dispute resolution.

Early Dispute Resolution: Addressing disputes promptly and efficiently is important. Early mediation or alternative dispute resolution (ADR) can help prevent escalating conflicts and costly litigation.

Keywords for SEO Optimization

AIA G716, Construction Manager as Constructor, CMC, Construction Contract, Owner-Architect-Contractor Agreement, Construction Project Management, Risk Management in Construction, Construction Dispute Resolution, Contract Negotiation, AIA Documents, Standard Form of Agreement, Construction Law, Arbitration, Litigation, Change Orders, Payment Provisions, Insurance Requirements, Project Scope Definition, Construction Best Practices, Legal Counsel, Contract Administration.

FAQs

1. What is AIA G716? AIA G716 is a standard form of agreement between the owner, architect, and construction manager as constructor (CMC) for construction projects.
2. Who uses AIA G716? Owners, architects, and construction managers involved in complex construction projects often utilize AIA G716.
3. What are the key benefits of using AIA G716? It provides a clear framework for roles, responsibilities, and risk allocation, helping minimize disputes and improve project efficiency.
4. What are the potential risks of not using AIA G716 or similar standard forms? Increased risk of disputes, ambiguous responsibilities, and costly legal battles.
5. How does AIA G716 address dispute resolution? It typically outlines mechanisms like arbitration or mediation to resolve disagreements efficiently.
6. Can AIA G716 be modified to fit specific project needs? Yes, but modifications should be done carefully with legal counsel to ensure the agreement remains legally sound.
7. What is the importance of pre-construction planning when using AIA G716? Thorough pre-planning reduces ambiguity and lays the foundation for a successful project.
8. How crucial is clear communication throughout a project using AIA G716? Open communication prevents misunderstandings and helps resolve issues proactively.
9. Where can I find more information about AIA G716? The AIA website and legal professionals specializing in construction law are excellent resources.

Related Articles

1. Understanding the Construction Manager at Risk (CMAR) Approach: A comparison of CMAR with CMC and the implications for contract selection.
2. Navigating Change Orders in Construction Contracts: A detailed explanation of change order processes, documentation, and dispute resolution in the context of AIA contracts.
3. Risk Management Strategies for Large-Scale Construction Projects: A comprehensive overview of risk identification, assessment, and mitigation techniques tailored for significant construction endeavors.
4. Dispute Resolution in Construction: Best Practices and Case Studies: Examining effective methods of dispute resolution, including arbitration and mediation, with real-world examples.

5. AIA Document A201: A Comprehensive Guide: A companion guide to AIA G716, focusing on the widely used general conditions document.
6. The Role of the Architect in a Construction Manager as Constructor Project: Exploring the architect's responsibilities and coordination within the CMC project delivery method.
7. Construction Insurance and Bonding: Protecting Your Investment: An in-depth look at various types of insurance needed for construction projects.
8. Negotiating Construction Contracts Effectively: Tips and strategies for successful contract negotiations, addressing critical clauses and potential pitfalls.
9. Construction Cost Estimating and Budgeting: Best Practices: A guide to accurate cost estimation and budget management within the context of construction project planning.

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the 2013 AIA National Convention Presentation Architect's Guide to Construction Specifications provides excerpts from important industry publications regarding the preparation of construction documents. Material was carefully selected from the following books: CSI Construction Specifications Practice Guide Architect's Guide to the US National CAD Standard CSI Construction Contract Administration Practice Guide Architect's Handbook of Professional Practice 14e Additional excerpts have been provided from CSI Formats to provide an overview of organizational standards for Specifications including: MasterFormat SectionFormat/PageFormat PPDFormat Added material includes examples for comment document types, which can also be used as templates: Outline Specification; Short Form Specification; Certification and Seals Page; and Addendum This e-only book is an essential companion to the presentation or can stand alone as a necessary reference providing users ready access to key understanding of the methods of specifying; organizing structures for building information; and other components that should be considered in the preparation of a project manual.

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aia g716: Managing Project Risk James B. Atkins, Grant A. Simpson, 2008-04-04 Discover the benefits of effective risk management practices Risk management may not be a standard course in architecture school, but it is an essential concern for architects and related professionals working today. Managing Project Risk is a key resource for integrating good risk management into professional practice. Based on a popular series of articles in AIArchitect, this accessible volume offers an on-the-ground perspective of what can happen on the job and what architects can do to prevent or mitigate threatening conditions and events. With an engaging, non-legalistic style, authors Atkins and Simpson draw upon their considerable experience and upon AIA Contract Documents to show how sound risk management strategies work in a variety of real-world settings, covering such practical areas as: * Risk management fundamentals * Contracts * Relationships with clients * Understanding the architect's role in the project * Risk issues with digital drawings * The modern architectural workplace Rendering potentially dry topics lively with wit and anecdote, Managing Project Risk resonates with the experience of contemporary architects, while offering helpful suggestions applicable not only to risk management but also to project management and

professional development.

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technologies and standards, this practical resource provides all of the information necessary to efficiently execute every phase of any construction job. The book features complete details on estimating, purchasing, contract administration, team management, quality control and assurance, and other topics essential to completing a project on time and within budget. Project Management in Construction, Seventh Edition, covers new OSHA regulations and new contract formats that emphasize collaboration and teamwork. BIM and green buildings, topics of importance to all of today's project managers, are explained.. Coverage includes: •Introduction to the construction industry •General conditions of the construction contract •ConsensusDOCS integrated project delivery contracts •Lean construction •Bonds and insurance •Organizing the project team •Estimating and buying out the job •Change orders •Quality control and quality assurance •Project documentation •Claims, disputes, arbitration, and mediation •Design-build •Sustainability and green buildings •Building information modeling •Interoperability

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CSI Construction Specifications Practice Guide is focused on the roles and responsibilities of the specifications professional in meeting the challenges of the changing world of construction. In this volume, guidelines on topics like writing quality construction specifications and product selection are meshed with best practices for managing project information, working with Building Information Modeling (BIM) and Integrated Project Delivery, and writing sustainable design specifications. Other material covered in this guide includes: The Construction Specifications Institute's collected best practices for authoring specifications Specialized guidance on presentation and management of project information in the context of Building Information Modeling and sustainable design Includes access to a password-protected web site with bonus content, including a PDF of the printed book and copies of CSI format documents, such as UniFormat and SectionFormat/PageFormat An authoritative resource for effective written communication of design intent, The CSI Construction Specifications Practice Guide presents construction professionals and students studying for the Certified Construction Specifier (CCS) Exam with a solid foundation for improving their methods of collecting and delivering important specifications data. Serves as an authoritative resource for effective writing of design intent Includes CSI's best practices for authoring specifications Offers specialized guidance on project information in the context of BIM and sustainable design

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This manual of residential and light construction includes step-by-step guidelines on the building site, foundation systems, moisture and thermal protection, and other techniques required. Features more than 1,000 illustrations.

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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' 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.

aia g716: *Liberation by Oppression* Thomas Szasz, 2003-08-30 The book is readable and challenging; readers will never see psychiatry in the same way again. -- Choice Reviews Originally called mad-doctoring, psychiatry began in the seventeenth century with the establishing of madhouses and the legal empowering of doctors to incarcerate persons denominated as insane. Until the end of the nineteenth century, every relationship between psychiatrist and patient was based on domination and coercion, as between master and slave. Psychiatry, its emblem the state mental hospital, was a part of the public sphere, the sphere of coercion. The advent of private psychotherapy, at the end of the nineteenth century, split psychiatry in two: some patients continued to be the involuntary inmates of state hospitals; others became the voluntary patients of privately practicing psychotherapists. Psychotherapy was officially defined as a type of medical treatment, but

actually was a secular-medical version of the cure of souls. Relationships between therapist and patient, Thomas Szasz argues, was based on cooperation and contract, as is relationships between employer and employee, or, between clergyman and parishioner. Psychotherapy, its emblem the therapist's office, was a part of the private sphere, the contract. Through most of the twentieth century, psychiatry was a house divided-half-slave, and half-free. During the past few decades, psychiatry became united again: all relations between psychiatrists and patients, regardless of the nature of the interaction between them, are now based on actual or potential coercion. This situation is the result of two major reforms that deprive therapist and patient alike of the freedom to contract with one another: Therapists now have a double duty: they must protect all mental patients-involuntary and voluntary, hospitalized or outpatient, incompetent or competent-from themselves. They must also protect the public from all patients. Persons designated as mental patients may be exempted from responsibility for the deleterious consequences of their own behavior if it is attributed to mental illness. The radical differences between the coercive character of mental hospital practices in the public sphere, and the consensual character of psychotherapeutic practices in the private sphere, are thus destroyed. At the same time, as the scope of psychiatric coercion expands from the mental hospital to the psychiatrist's office, its reach extends into every part of society, from early childhood to old age. Thomas Szasz is professor of psychiatry emeritus at the State University of New York Health Science Center in Syracuse, New York and Adjunct Scholar at the Cato Institute, Washington, DC. He is the author of over two dozen books in fifteen languages, including *The Myth of Mental Illness* and most recently, *Pharmacracy: Medicine and Politics in America*. The book is readable and challenging; readers will never see psychiatry in the same way again.--Choice Szasz now appears to have been transformed into an ally rather than an enemy of the National Health Service general adult psychiatrist. Szasz's project has always been to argue passionately for a boundry of demarcation around the responsibility and power of psychiatry....But what saves this book from being just another mugging of psychiatry is that Szasz does raise a fundamental question at the core of our discipline. If we restricted our attention only to those clients who wanted to see a psychiatrist, and disengaged from all those who really didn't, how different might our professional practice and experience be?--The British Journal of Psychiatry

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