CONSTRUCTION SHOP DRAWING SUBMITTAL FORM

CONSTRUCTION SHOP DRAWING SUBMITTAL FORM NAVIGATING THE LABYRINTH A COMPREHENSIVE GUIDE TO CONSTRUCTION SHOP DRAWING SUBMITTAL FORMS CONSTRUCTION PROJECTS ARE COMPLEX WEBS OF INTERCONNECTED SYSTEMS AND ENSURING EACH ELEMENT ALIGNS PERFECTLY requires meticulous planning and precise communication. One crucial aspect of this process is the timely and accurate SUBMISSION OF SHOP DRAWINGS THESE DETAILED DRAWINGS PREPARED BY SUBCONTRACTORS ILLUSTRATE HOW THE FABRICATED COMPONENTS WILL ACTUALLY BE INSTALLED OFFERING A CRITICAL CHECK AGAINST THE DESIGN INTENT BEFORE FABRICATION AND INSTALLATION BEGIN BUT THE PROCESS ISNT AS SIMPLE AS JUST CREATING THE DRAWINGS NAVIGATING THE SUBMISSION PROCESS PARTICULARLY UNDERSTANDING THE CONSTRUCTION SHOP DRAWING SUBMITTAL FORM IS KEY TO AVOIDING COSTLY DELAYS AND DISPUTES THIS COMPREHENSIVE GUIDE WILL DELVE INTO THE INTRICACIES OF SHOP DRAWING SUBMITTAL FORMS PROVIDING A DETAILED UNDERSTANDING OF THEIR PURPOSE KEY ELEMENTS AND PRACTICAL TIPS FOR SUCCESSFUL SUBMISSION WELL EXPLORE COMMON PITFALLS OFFER BEST PRACTICES AND PROVIDE ACTIONABLE ADVICE TO STREAMLINE THIS CRUCIAL PHASE OF YOUR CONSTRUCTION PROJECTS UNDERSTANDING THE PURPOSE OF SHOP DRAWING SUBMITTAL FORMS THE SHOP DRAWING SUBMITTAL FORM SERVES AS THE OFFICIAL RECORD OF THE SUBMISSION PROCESS IT ACTS AS A BRIDGE BETWEEN THE subcontractor the general contractor and the architect or engineer ensuring clear communication and accountability The FORM ACTS AS A CENTRAL REPOSITORY FOR CRITICAL INFORMATION INCLUDING PROJECT IDENTIFICATION CLEARLY IDENTIFYING THE PROJECT BUILDING AND SPECIFIC LOCATION WITHIN THE BUILDING WHERE THE WORK PERTAINS SUBMITTER INFORMATION DETAILS ABOUT THE SUBCONTRACTOR OR FABRICATOR SUBMITTING THE DRAWINGS INCLUDING CONTACT INFORMATION DRAWING IDENTIFICATION A PRECISE LIST OF ALL DRAWINGS SUBMITTED INCLUDING REVISION NUMBERS AND DATES DATE OF SUBMISSION CLEARLY STATING WHEN THE DRAWINGS WERE submitted Review Period Specifying the timeframe within which the drawings must be reviewed and approved Approval SIGNATURES SPACES FOR SIGNATURES AND DATES FROM THE RELEVANT STAKEHOLDERS TYPICALLY THE ARCHITECT ENGINEER AND GENERAL CONTRACTOR 2 REVISION TRACKING AREAS FOR DOCUMENTING REVISIONS CHANGES AND RESUBMISSIONS ACCEPTANCEREJECTION STATUS A clear indication of whether the drawings have been approved or rejected along with reasons for rejection Key Elements of a ROBUST SUBMITTAL FORM WHILE THE SPECIFICS MIGHT VARY BETWEEN PROJECTS AND COMPANIES A WELLSTRUCTURED SUBMITTAL FORM TYPICALLY INCLUDES PROJECT NAME AND NUMBER ESSENTIAL FOR UNAMBIGUOUS IDENTIFICATION SUBCONTRACTORFABRICATOR NAME AND CONTACT INFORMATION ALLOWS FOR EASY COMMUNICATION AND ACCOUNTABILITY DRAWING NUMBER AND REVISION ENSURES THAT THE CORRECT DRAWINGS ARE BEING REVIEWED DATE SUBMITTED TRACKS THE SUBMISSION TIMELINE DESCRIPTION OF WORK A BRIEF BUT CLEAR EXPLANATION OF WHAT THE DRAWINGS DETAIL RELEVANT SPECIFICATIONS AND CODES ENSURES COMPLIANCE WITH PROJECT REQUIREMENTS Submittal Checklist A list of required documents alongside the drawings This might include material certifications test REPORTS OR OTHER RELEVANT INFORMATION REVIEW AND APPROVAL SECTION DESIGNATED SPACES FOR SIGNATURES DATES AND COMMENTS from reviewing parties Practical Tips for Successful Shop Drawing Submittal Understand the Project Requirements Carefully review the contract documents and specifications to understand the required level of detail and submission process Prepare THOROUGH AND ACCURATE DRAWINGS ENSURE DRAWINGS ARE CLEAR CONCISE AND COMPLY WITH INDUSTRY STANDARDS USE CONSISTENT scales and notations Submit Drawings Early Submitting drawings well in advance of the deadline allows ample time for REVIEW AND CORRECTION MAINTAIN OPEN COMMUNICATION REGULARLY COMMUNICATE WITH THE REVIEWING PARTIES TO ADDRESS ANY

questions or concerns Utilize Digital Submission Platforms Consider using digital platforms for submission to improve efficiency and traceability This could be through project management software or dedicated online portals Track Submittal STATUS IMPLEMENT A SYSTEM TO TRACK THE STATUS OF YOUR SUBMISSIONS TO ENSURE TIMELY APPROVAL DOCUMENT ALL REVISIONS KEEP A DETAILED RECORD OF ALL REVISIONS AND RESUBMISSIONS INCLUDING DATES AND EXPLANATIONS UNDERSTAND AND COMPLY WITH REJECTION Reasons Address all concerns raised during review 3 and resubmit promptly with corrected drawings Avoiding Common PITFALLS LATE SUBMISSIONS MISSED DEADLINES LEAD TO PROJECT DELAYS AND POTENTIAL PENALTIES INACCURATE OR INCOMPLETE DRAWINGS Errors in the drawings can result in costly rework and delays Poor Communication Lack of communication can lead to MISUNDERSTANDINGS AND CONFLICTS IGNORING FEEDBACK FAILING TO ADDRESS REVIEW COMMENTS CAN CAUSE FURTHER DELAYS AND DISPUTES Lack of Organization Poorly organized submissions can make the review process difficult and timeconsuming The Power of Proactive Management Proactive management of the shop drawing submittal process is critical to project success By using a STANDARDIZED FORM MAINTAINING METICULOUS RECORDS AND FOSTERING OPEN COMMUNICATION YOU CAN SIGNIFICANTLY REDUCE THE RISK OF DELAYS REWORK AND DISPUTES INVESTING IN A WELLDEFINED SYSTEM AND TRAINING YOUR TEAM ON BEST PRACTICES CAN SAVE TIME AND MONEY IN THE LONG RUN THE PROCESS ISNT MERELY ABOUT COMPLETING PAPERWORK ITS ABOUT ENSURING THE PROJECTS INTEGRITY AND facilitating a smooth workflow from conception to completion Conclusion The construction shop drawing submittal form is more than just a piece of paperwork it is a cornerstone of effective communication and project management By understanding ITS PURPOSE KEY ELEMENTS AND BEST PRACTICES YOU CAN TRANSFORM A POTENTIALLY CHAOTIC PROCESS INTO A STREAMLINED AND EFFICIENT SYSTEM INVESTING TIME AND RESOURCES IN MASTERING THIS CRITICAL COMPONENT WILL UNDOUBTEDLY LEAD TO SMOOTHER PROJECT EXECUTION REDUCED COSTS AND A HIGHER LIKELIHOOD OF SUCCESSFUL PROJECT DELIVERY THE METICULOUS ATTENTION TO DETAIL DURING THIS SEEMINGLY MINOR STEP CONTRIBUTES SIGNIFICANTLY TO THE OVERALL SUCCESS OF ANY CONSTRUCTION PROJECT FAQS 1 WHAT HAPPENS IF MY SHOP DRAWINGS ARE REJECTED IF YOUR SHOP DRAWINGS ARE REJECTED YOULL TYPICALLY RECEIVE FEEDBACK OUTLINING THE REASONS FOR REJECTION YOULL NEED TO ADDRESS THOSE CONCERNS BY REVISING THE DRAWINGS AND RESUBMITTING THEM KEEP DETAILED RECORDS OF THE REVISIONS AND RESUBMISSION PROCESS 4 2 WHAT IS THE BEST WAY TO TRACK THE STATUS OF MY SUBMISSIONS USE A COMBINATION OF DIGITAL TRACKING SYSTEMS IF AVAILABLE PHYSICAL LOGS AND CONSISTENT COMMUNICATION WITH THE REVIEWING PARTIES A DEDICATED PROJECT MANAGEMENT SOFTWARE CAN SIGNIFICANTLY ENHANCE THIS PROCESS 3 CAN I USE A GENERIC SHOP DRAWING SUBMITTAL FORM FOR ALL PROJECTS WHILE A GENERAL TEMPLATE CAN SERVE AS A STARTING POINT ITS BEST TO ADAPT THE FORM TO EACH SPECIFIC PROJECTS REQUIREMENTS CONTRACT DOCUMENTS AND PROJECT SPECIFICATIONS OFTEN DICTATE SPECIFIC INFORMATION NEEDED ON THE FORM 4 WHAT SOFTWARE CAN HELP MANAGE SHOP DRAWING SUBMISSIONS SEVERAL PROJECT MANAGEMENT SOFTWARE SOLUTIONS SUCH AS PROCORE AUTODESK BIM 360 AND PLANGRID OFFER ROBUST TOOLS TO MANAGE SUBMITTALS TRACK REVISIONS AND FACILITATE COLLABORATION 5 WHAT ARE THE LEGAL IMPLICATIONS OF SUBMITTING INCORRECT SHOP DRAWINGS SUBMITTING INCORRECT SHOP DRAWINGS CAN LEAD TO LIABILITY FOR THE SUBCONTRACTOR AND POTENTIAL DELAYS AND COST OVERRUNS FOR THE ENTIRE PROJECT IN EXTREME CASES IT COULD EVEN RESULT IN LEGAL ACTION THEREFORE ACCURACY AND THOROUGHNESS ARE PARAMOUNT

THE SHOP DRAWING SUBMITTAL PROCESSIMPACT OF CAD ON THE SUBMITTAL PROCESSHANDBOOK OF GREEN BUILDING DESIGN AND CONSTRUCTIONARCHITECT AND ENGINEER LIABILITY CONSTRUCTION SUPERINTENDENT'S OPERATIONS MANUALGREEN CONSTRUCTION PROJECT MANAGEMENT AND COST OVERSIGHTARCHITECT AND ENGINEER LIABILITY: CLAIMS AGAINST DESIGN PROFESSIONALS, 4TH EDITIONNEW YORK COURT OF APPEALS. RECORDS AND BRIEFS.BOARD OF CONTRACT APPEALS DECISIONSUSING AND UNDERSTANDING ENGINEERING SERVICE AND CONSTRUCTION CONTRACTS CALIFORNIA. COURT OF APPEAL

(4th Appellate District). Division 2. Records and BriefsIntroduction to Construction OperationsArchitectural ForensicsCalifornia. Court of Appeal (6th Appellate District). Records and BriefsChrysler Corporation v. Skyline Industrial Services, Inc, 448 MICH 113 (1995)Board of Contract appeals decisionsButcher Boy Refridgerator Door Company V. National Labor Relations BoardConstruction Project AdministrationThe Construction Contracts Book Edward J. Parrott James Andrew De Lapp Sam Kubba Kevin R. Sido Sidney M. Levy Sam Kubba Sido New York (State). United States. Armed Services Board of Contract Appeals John R. Clark California (State). California (State). Richard Patrick Maher Sam Kubba California (State). Edward R. Fisk Daniel S. Brennan

THE SHOP DRAWING SUBMITTAL PROCESS IMPACT OF CAD ON THE SUBMITTAL PROCESS HANDBOOK OF GREEN BUILDING DESIGN AND
CONSTRUCTION ARCHITECT AND ENGINEER LIABILITY CONSTRUCTION SUPERINTENDENT'S OPERATIONS MANUAL GREEN CONSTRUCTION PROJECT
MANAGEMENT AND COST OVERSIGHT ARCHITECT AND ENGINEER LIABILITY: CLAIMS AGAINST DESIGN PROFESSIONALS, 4TH EDITION NEW YORK
COURT OF APPEALS. RECORDS AND BRIEFS. BOARD OF CONTRACT APPEALS DECISIONS USING AND UNDERSTANDING ENGINEERING SERVICE AND
CONSTRUCTION CONTRACTS CALIFORNIA. COURT OF APPEAL (1ST APPELLATE DISTRICT). RECORDS AND BRIEFS CALIFORNIA. COURT OF
APPEAL (4TH APPELLATE DISTRICT). DIVISION 2. RECORDS AND BRIEFS INTRODUCTION TO CONSTRUCTION OPERATIONS ARCHITECTURAL
FORENSICS CALIFORNIA. COURT OF APPEAL (6TH APPELLATE DISTRICT). RECORDS AND BRIEFS CHRYSLER CORPORATION V. SKYLINE INDUSTRIAL
SERVICES, INC, 448 MICH 113 (1995) BOARD OF CONTRACT APPEALS DECISIONS BUTCHER BOY REFRIDGERATOR DOOR COMPANY V.
NATIONAL LABOR RELATIONS BOARD CONSTRUCTION PROJECT ADMINISTRATION THE CONSTRUCTION CONTRACTS BOOK EDWARD J. PARROTT

JAMES ANDREW DE LAPP SAM KUBBA KEVIN R. SIDO SIDNEY M. LEVY SAM KUBBA SIDO NEW YORK (STATE). UNITED STATES. ARMED

SERVICES BOARD OF CONTRACT APPEALS JOHN R. CLARK CALIFORNIA (STATE). CALIFORNIA (STATE). RICHARD PATRICK MAHER SAM KUBBA

CALIFORNIA (STATE). EDWARD R. FISK DANIEL S. BRENNAN

THE EFFICIENCY AND ACCURACY OF DESIGN IS CRITICAL FOR CONSTRUCTION SUCCESS THE REALIZATION OF DESIGN IS DEPENDENT ON COMPLETE AND COORDINATED DESIGN DOCUMENTS THAT ARE FINALIZED THROUGH THE SUBMITTAL PROCESS THIS PROCESS INVOLVES THE TRANSFER OF DESIGN INTENT FROM THE ARCHITECT AND ENGINEER TO THE SPECIALTY TRADE CONTRACTOR FOR THE PRODUCTION OF SHOP DRAWINGS THE USE OF INFORMATION TECHNOLOGY TO INCREASE THE ABILITY TO MEET THIS INTENT IS NOT BEING FULLY UTILIZED TODAY A CASE STUDY WAS SELECTED ON THE CAMPUS OF TEXAS A M UNIVERSITY TO INVESTIGATE THE IMPACTS OF CAD ON THE SUBMITTAL PROCESS THE PROJECT WAS SELECTED BECAUSE IT UTILIZED BOTH HAND AND CAD METHODS TO PRODUCE SHOP DRAWINGS THE DATA COLLECTED INCLUDED ALL CONTRACT DOCUMENTS SUBMITTALS SUBMITTAL LOGS AND INTERVIEWS WITH THE PROJECT PARTICIPANTS A COMPARATIVE ANALYSIS WAS MADE BETWEEN THE SHOP DRAWINGS THAT WERE COMPLETED BY HAND AND THOSE THAT WERE DONE BY CAD AN ANALYSIS QUANTIFIED THE NUMBER OF NOTES AND CORRECTIONS MADE BY THE REVIEWERS DURING THE SUBMITTAL PROCESS A SEPARATE ANALYSIS WAS MADE OF THE NUMBER OF ERRORS IN THE INTERPRETATION AND TRANSFERRING OF BACKGROUND INFORMATION FROM THE CONTRACT DOCUMENTS IN THE SHOP DRAWING PRODUCTION FINALLY INTERVIEWS WERE CONDUCTED WITH THE PROJECT PARTICIPANTS TO DETERMINE THE COST ASSOCIATED WITH UTILIZING CAD TO PRODUCE SHOP DRAWINGS ALTHOUGH BASED ON A SINGLE CASE STUDY THE DATA SHOWED THAT CAD HAD IMPORTANT IMPACTS ON THE SUBMITTAL PROCESS THE DATA SUGGESTS THAT WHEN CAD IS USED TO PRODUCE SHOP DRAWINGS THERE ARE SIGNIFICANTLY LESS NOTES OR CORRECTIONS BY THE REVIEWERS IT ALSO SUGGESTS THAT THE ELECTRONIC TRANSFER OF DESIGN DATA FROM THE ARCHITECT AND ENGINEER TO THE SUBCONTRACTOR CAN ENSURE BETTER DESIGN ACCURACY AND LOWER OVERALL PROJECT COST

HANDBOOK OF GREEN BUILDING DESIGN AND CONSTRUCTION LEED BREEAM AND GREEN GLOBES SECOND EDITION DIRECTLY ADDRESSES THE NEEDS OF

BUILDING PROFESSIONALS INTERESTED IN THE EVOLVING PRINCIPLES STRATEGIES AND CONCEPTS OF GREEN SUSTAINABLE DESIGN WRITTEN IN AN EASY TO UNDERSTAND STYLE THE BOOK IS UPDATED TO REFLECT NEW STANDARDS TO LEED IN ADDITION READERS WILL FIND SECTIONS THAT COVER THE NEW STANDARDS TO BREEAM THAT INVOLVE NEW CONSTRUCTION INFRASTRUCTURE DATA CENTERS WAREHOUSES AND EXISTING BUILDINGS PROVIDES VITAL INFORMATION AND PENETRATING INSIGHTS INTO THREE OF THE TOP GREEN BUILDING CODES AND STANDARDS APPLIED INTERNATIONALLY INCLUDES THE LATEST UPDATES FOR COMPLYING WITH LEED V4 PRACTICES AND BREEAM PRESENTS CASE STUDIES THAT DRAWS ON OVER 35 YEARS OF PERSONAL EXPERIENCE FROM ACROSS THE WORLD

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

A COMPLETE REFERENCE FOR CONSTRUCTION SUPERINTENDENTS DIVIDED INTO THREE SECTIONS ADMINISTRATING CONSTRUCTION CONTRACTS

SUPERVISING THE CONSTRUCTION PROCESS AND CONSTRUCTION COMPONENTS AND TECHNOLOGY THE BOOK COVERS ADMINISTRATIVE PROCEDURES

REVIEW OF CONTRACT DOCUMENTS BASIC MANAGERIAL PRACTICES TIPS FOR SUCCESSFUL JOB COMPLETION AND MORE

GREEN CONSTRUCTION IS A SPECIALIZED AND SKILLED PROFESSION AND THE AUTHOR HAS EXTENSIVE EXPERIENCE IN THIS FIELD WITH THIS IN MIND THE REFERENCE IS DESIGNED TO PROVIDE PRACTICAL GUIDELINES AND ESSENTIAL INSIGHTS IN PREPARING COMPETENT AND PROFESSIONAL LOOKING PROJECT ANALYSIS REPORTS AND PROJECT STATUS REPORTS THE BOOK ALSO PROVIDES NUMEROUS TIPS ON HOW TO PHRASE THE LANGUAGE OF REPORTS IN A MANNER THAT IS ARTICULATE AND CLEARLY UNDERSTOOD BY REAL ESTATE LENDERS AND INVESTORS AS WELL AS BEING AN INDISPENSABLE COMPANION FOR BOTH INFORMATION AND STIMULUS WRITTEN IN A CONVERSATIONAL MANNER THIS BOOK WILL CLARIFY THE NUTS

AND BOLTS OF GREEN CONSTRUCTION FINANCE AND COST MONITORING AS A PROFESSION AND WILL OUTLINE THE MANY ATTRIBUTES REQUIRED TO BEING SUCCESSFUL IN THIS FIELD MOREOVER IT WILL SCRUTINIZE THE MECHANICS OF ORGANIZING MONTHLY MEETINGS CONTRACTOR PAYMENT CERTIFICATIONS BUDGETS CHANGE ORDERS CONSTRUCTION SCHEDULES CODE COMPLIANCE WAIVERS OF LEAN AND MUCH MORE DRAWING ON OVER 30 years of personal experience across the world both as an employee and as an employer the reader will learn how to PLAN AND IMPLEMENT SOUND BUSINESS STRATEGIES AND FORM ALLIANCES IN A GLOBAL CONTEXT THE BOOK ALSO OFFERS IMPORTANT INFORMATION AND PENETRATING INSIGHTS INTO THE PROCESS OF SETTING UP AND WORKING AS A DUE DILIGENCE CONSULTANT IN A CLEAR PRACTICAL STYLE IT WILL BE EXPLAINED HOW TO IDENTIFY OPPORTUNITIES FOR BUSINESS DEVELOPMENT AND HOW TO MAXIMIZE RETURN IT WILL ALSO ARTICULATE HOW TO MEET NEW CHALLENGES AS WELL AS AVOID MANY OF THE PITFALLS ALONG THE WAY FOR THE INDIVIDUAL PROFESSIONAL THIS GUIDE PROVIDES USEFUL INFORMATION AND TIPS TO HELP SECURE A HIGH PAYING PROFESSIONAL POSITION THE BOOK WILL INCLUDE AMONGST OTHER THINGS UP TO DATE INFORMATION ON HUNDREDS OF USEFUL CONTACTS TOPICS COVERED IN THIS GUIDE INCLUDE TYPES OF SERVICES OFFERED THE CONSULTANT S ROLE ON THE CONSTRUCTION LOAN TEAM WHAT THE LENDER NEEDS TO KNOW AND MARKETING TECHNIQUES THE GUIDE WILL ALSO INCLUDE A COMPREHENSIVE APPENDIX THAT WILL CONTAIN NUMEROUS SAMPLE LETTERS E G FOR MARKETING AND CERTIFICATION BUILDING LOAN AGREEMENTS AIA FORMS LENDER CONSULTANT AGREEMENT CLOSEOUT DOCUMENTS AND MUCH MORE LIKEWISE INCLUDED WILL BE AN EXTENSIVE LIST OF USEFUL REFERENCES FROM A VARIETY OF RESOURCES AND MUCH MORE INDEED THIS HANDBOOK WILL BE THE MOST DETAILED COMPREHENSIVE PROGRAM ON THE MARKET IT MEETS ALL THE CRITERIA OF A MAJOR WORK AND WILL PROVIDE VITAL AND ABSORBING READING PROVIDES A DETAILED BLUEPRINT OF HOW TO CONDUCT MONTHLY MEETINGS INVESTIGATIONS UNDERSTAND TYPICAL CLIENT CONSULTANT AGREEMENTS ANALYZE CONTRACTOR REQUISITIONS INCLUDES SAMPLE LETTERS REPORTS FORMS AND AGREEMENTS FOR EASY REFERENCE PRACTICAL GUIDELINES FOR PREPARING PROPERTY ANALYSIS AND PROPERTY STATUS REPORTS INCLUDES A GLOSSARY OF IMPORTANT

TERMS ABBREVIATIONS AND ACRONYMS

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

1 HISTORICAL BACKGROUND IN THE LATE 1950S MANY MEMBERS OF THE DESIGN PROFESSIONS ENGINEERS AS WELL AS AR CHITECTS BECAME CONCERNED ABOUT THEIR EXPOSURE TO CLAIMS FOR PROFESSIONAL MALPRAC TICE AND PARTICULARLY ABOUT THE INCREASING NUMBER OF CLAIMS THAT HAD BEEN SUCCESSFULLY BROUGHT AGAINST THEM ARISING OUT OF THEIR CONSTRUCTION PHASE ACTIVITIES THIS LED TO SPECIAL STUDIES SPONSORED BY THE AMERICAN INSTITUTE OF ARCHITECTS AND THE ENGINEERS JOINT COUNSEL THE OUTCOME WAS TWOFOLD THE DEVELOPMENT OF A POLICY OF PROFESSIONAL LIABILITY INSURANCE TO INSURE ENGINEERS AND ARCHITECTS AGAINST ERRORS AND OMISSIONS IN THE PERFORMANCE OF THEIR PROFESSIONAL SERVICES AND THE REVIEW AND DEVELOPMENT OF THE CUSTOMARY CONTRACTUAL ARRANGEMENTS DEFINING THE DESIGN PROFESSIONAL S UNDERTAKINGS VIS A VIS HIS CLIENT THE OWNER THE PROJECT TO BE DESIGNED AND THE CONTRACTOR WHO WAS TO IMPLEMENT THAT DESIGN AT THE OUTSET THE ALA S OWNER ARCHITECT AGREEMENT NO B131 GENERAL CONDITIONS NO A201 AND THE OWNER CONTRACTOR AGREEMENTS NOS A101 111 WERE THE DOCUMENTS MOST FREQUENTLY USED BY DESIGN PROFESSIONALS AND THESE RECEIVED PARTICULAR ATTENTION IN THE EARLY 1960S IT BECAME APPARENT THAT THERE WAS A NEED FOR A SEPARATE SERIES OF DOCUMENTS PREPARED TO ADDRESS THESE RELATIONSHIPS WHEN THE PROJECT TO BE DESIGNED INVOLVED PRIMARILY ENGINEERING CONSIDERATIONS

THE NUMBER OF PROJECTS FOR WHICH THE ENGINEER WAS EMPLOYED BY THE OWNER AS THE PRIME PROFESSIONAL TO HANDLE THE PROJECT DESIGN AND CONSTRUCTION ADMINISTRATION WAS INCREASING

AN INTRODUCTORY GUIDE TO CONSTRUCTION OPERATIONS THAT EMPHASIZES THE WHY AS WELL AS THE HOW TO OF EACH FUNCTION EXAMINES

THE FIVE FUNDAMENTAL PRODUCTION DIVISIONS OF THE TYPICAL CONSTRUCTION OPERATIONAL ORGANIZATION GENERAL SUPERVISION JOB

SUPERVISION JOB ENGINEERING EXPEDITING AND ESTIMATING EXPLAINS SPECIFIC MAJOR OPERATIONAL PROCESSES AND PROCEDURES

SUCCESSFULLY CONDUCT AND REPORT ON ANY ARCHITECTURAL FORENSIC INVESTIGATION ARCHITECTURAL FORENSICS CLEARLY DEFINES THE ROLE RESPONSIBILITIES AND ESSENTIAL WORK OF FORENSIC ARCHITECTS THIS UNIQUE RESOURCE OFFERS COMPREHENSIVE COVERAGE OF BUILDING DEFECTS AND FAILURES TYPES OF FAILURE MECHANISMS AND JOB CRITICAL TASKS SUCH AS FIELDWORK LAB TESTING FORMULATING OPINIONS AND PROVIDING EXPERT TESTIMONY PACKED WITH 300 ILLUSTRATIONS IN DEPTH CASE STUDIES AND NUMEROUS SAMPLE DOCUMENTS THIS VITAL REFERENCE TAKES YOU STEP BY STEP THROUGH EVERY PHASE OF CONDUCTING INVESTIGATIONS DIAGNOSING BUILDING FAILURES PREVENTING AND CURING BUILDING DEFECTS AND REPORTING ON FINDINGS THE BOOK ALSO INCLUDES STRATEGIES FOR AVOIDING LIABILITY AND RESOLVING DISPUTES POTENTIALLY SAVING VAST AMOUNTS OF TIME AND MONEY AUTHORITATIVE AND UP TO DATE ARCHITECTURAL FORENSICS FEATURES FULL DETAILS ON CONDUCTING INVESTIGATIONS AND REPORTING ON ARCHITECTURAL FORENSICS CLEAR GUIDANCE ON PREVENTING AND CURING BUILDING DEFECTS AND FAILURES IN DEPTH COVERAGE OF FIELD WORK PHOTOGRAMMETRY AND LAB TESTING PRACTICAL INSIGHTS INTO LITIGATION DISPUTE RESOLUTION AND EXPERT TESTIMONY SOLID BUSINESS ADVICE ON PRESENTATION METHODS MARKETING AND SETTING UP AN OFFICE AND WEBSITE

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FOR UNDERGRADUATE AND GRADUATE LEVEL COURSES IN SCHEDULING PROJECT CONTROL AND CONSTRUCTION MANAGEMENT IN DEPARTMENTS OF CIVIL CONSTRUCTION TECHNOLOGY AND CIVIL AND ENVIRONMENTAL ENGINEERING UNIQUE IN PERSPECTIVE THIS TEXT REFERENCE ADDRESSES EACH OF THE PRINCIPLE CONTRACT ADMINISTRATION DUTIES IN LOGICAL ORDER FROM THE HANDS ON VIEWPOINT OF A RESIDENT ENGINEER ON A CONSTRUCTION PROJECT IT IS IDEAL AS A SINGLE SOURCE PRIMER FOR THOSE NEW TO CONSTRUCTION AS A REVIEW FOR THOSE PREPARING FOR CERTIFICATION EXAMS AND AS A REFERENCE FOR SEASONED PROFESSIONALS

THIS BOOK OFFERS A COMPARISON OF THE FORMS OF AGREEMENT FROM THE AIA AGC AND EJCDC BY PROVIDING A GUIDE TO HOW THEY TREAT

THE MOST SIGNIFICANT ISSUES IN OWNER CONTRACTOR SUBCONTRACTOR AND OWNER DESIGN PROFESSIONAL AGREEMENTS AND PROPOSED

ALTERNATIVE LANGUAGE FOR SITUATIONS WHERE THE FORM CONTRACT APPROACH MAY NOT PROVIDE THE BEST SOLUTION

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