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- Takeoff procedures based on a full set of working drawings
- Includes Light Commercial

Wayne J. DelPico

Plan Reading And Material Takeoff

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Plan Reading and Material Takeoff Wayne J. Del Pico, 2015-02-24 A Complete Resource for Residential and Light Commercial Contractors based on the latest construction materials and methods Learn how to read and interpret building plans create an accurate takeoff using a complete set of working drawings Each chapter covers a major construction division such as concrete masonry and carpentry and uses plans details and tables to illustrate plan reading and takeoff procedures A checklist for each material division helps ensure that nothing is left out of your takeoff Includes a complete set of residential plans from Home Planners Inc the nation's leading provider of home plans With a detailed material takeoff from site work to electrical With over 160 illustrations including commercial construction details **Builder's Essentials** Wayne J. DelPico, 1994 **Introduction to Estimating, Plan Reading and Construction Techniques** Gary Anglin, 2019-11-05 To understand Construction Estimating one must also understand plan reading and construction techniques This book is designed to teach the construction student these three core skills in equal measure Using hundreds of plans sketches and photos the book builds case studies of the major construction divisions including concrete masonry carpentry and more Over forty cases are divided into sections following a specially designed format Plans Scale drawings of floor plans sections or elevations Plan Interpretation The drawings are explained with comments Scope of the Work A written description of the boundaries of the work is given for each section Construction Techniques The construction processes and their sequence are explained The Takeoff A takeoff is shown at the end of each section This approach helps foster confidence in plan reading building methods arithmetic takeoffs and estimates The various products and terms used in the industries of structural steel doors and hardware and roofing are defined The shop drawing process is explained which is so important in many industries as well as the role of and difference between manufacturers fabricators and suppliers distributors The book ends with a study of front end documents including Division 00 General Conditions AIA 201 and Division 01 General Requirements and a chapter on Ethics This textbook can be used to teach a variety of classes including plan reading construction techniques and estimating 1 and 2 takeoffs and pricing **Electrical Estimating Methods** Wayne J. Del Pico, 2014-10-22 Simplify the estimating process with the latest data materials and practices *Electrical Estimating Methods* Fourth Edition is a comprehensive guide to estimating electrical costs with data provided by leading construction database RS Means The book covers the materials and processes encountered by the modern contractor and provides all the information professionals need to make the most precise estimate The fourth edition has been updated to reflect the changing materials techniques and practices in the field and provides the most recent Means cost data available The complexity of electrical systems can make accurate estimation difficult but this guide contains all the necessary information in one place An electrical estimate represents the total cost for materials labor overhead and profit but accuracy is virtually impossible without a basic knowledge of the field and real world experience in the type of work required Inaccurate estimates lead to problems with

customer satisfaction which often create payment issues A thorough complete and accurate estimate is in the best interest of all parties involved in the work Electrical Estimating Methods provides more than just data Detailed discussions about the work itself help highlight factors that may escape notice and access to the latest cost data helps tie everything together Features include Discussion of current equipment materials and processes Means data for both residential and commercial projects Case studies that illustrate best practices Online access to the latest Means data for fast access on the job The book discusses specific situations as well as general practices and provides comprehensive guidance to the creation of a true current estimation of costs For electrical contractors and estimators Electrical Estimating Methods contains must have content that simplifies the estimating process Residential and Light Commercial Construction Standards

RSMeans,2008-06-26 A popular reference used daily by builders contractors architects and owners this guide is a unique collection of industry standards that define quality in construction For contractors subcontractors owners developers architects engineers attorneys and insurance personnel it provides authoritative requirements and recommendations compiled from the nation s leading professional associations industry publications and building code organizations New third edition is completely updated to the latest standards codes and trends Coverage includes standards for concrete masonry framing finish carpentry and cabinetry insulation roofing windows and doors drywall and ceramic tile floor covering plumbing electrical HVAC and more This one stop reference is enhanced by helpful commentary from respected practitioners including identification of items most frequently targeted for construction defect claims FEATURES This one of a kind resource enables you to Establish an acceptable quality of workmanship Resolve disputes and avoid litigation Train personnel in correct installation procedures Answer client questions and authority Easily find applicable building code information The nationwide team of editors includes leading contractors engineers architects and construction defect analysts They provide practical installation tips along with advice on how to avoid the most frequently cited defect claims *Estimating Building Costs for the Residential and Light Commercial Construction Professional* Wayne J. Del Pico,2012-04-03 How to succeed in the construction business step by step guidelines for estimating To be competitive contractors and homebuilders need to know how to generate complete accurate estimates for labor and material costs This book guides readers through the entire estimating process explaining in detail how to put together a reliable estimate that can be used not only for budgeting but also for developing a schedule managing a project dealing with contingencies and ultimately making a profit Completely revised and updated to reflect the new CSI MasterFormat 2010™ system the Second Edition of this practical guide describes estimating techniques for each building system and how to apply them according to the latest industry standards Cost considerations and quantity takeoff and pricing are included for virtually every type of work found in residential and light commercial projects from demolition concrete and masonry to windows and doors siding roofing mechanical and electrical systems finish work and site construction Complete with many new graphics and references to professional

construction cost databases the new edition provides experienced contractors and novices alike with essential information on How to correctly interpret plans and specifications reflecting updates to contract documents since the first edition Computer estimating techniques and new estimating software for performing quantity takeoff The best methods for conceptual estimating as well as the extremely useful topic of parametric estimating How to allocate the right amounts for profit and contingencies and other hard to find professional guidance How a unit price estimate is built along with labor issues and budgeting for subcontractor work

How to Estimate with RSMeans Data Saleh A. Mubarak, RSMeans, 2012-04-04 Using North America's most recognized construction cost data from RSMeans this step by step guide develops problem solving skills through over 300 sample problems and exercises All of the major construction items including site work concrete and masonry wood and metal framing doors and windows and more are covered Access to a password protected web site is included which contains the instruction version of RSMeans Cos Works the electronic version of RS Means Building Construction Cost Data and sample building plans and spreadsheets enabling you to practice creating a complete construction estimate

Project Control Wayne J. Del Pico, 2023-07-27 PROJECT CONTROL Reader friendly integrated approach to construction project cost and scheduling control with all new pedagogical elements The Second Edition of Project Control is an introductory practical guide that explores the reasons and methodologies for proper planning monitoring and controlling project costs and schedule and shows how productivity models are created monitored and controlled as well as how corrective actions are implemented as deviations from the baseline occur Project Control uses simple language to convey project control principles making it an excellent resource to teach with and learn from in a classroom setting This Second Edition has been updated with all new pedagogical elements and ancillary materials for use in the construction project management classroom This new edition features all new sections on baseline scheduling estimate development probability analysis and more Written by Wayne Del Pico a seasoned professional with over 40 years of experience in construction project controls Project Control includes detailed information on Role of the project manager covering leading the project team creating the project plan developing the project schedule and monitoring project progress over time Project control cycles covering plans to achieve goals executing work according to plan identifying variations and their causes and executive work and measure changes Pre construction planning covering key personnel and responsibilities and establishing baselines for schedule and cost control Budgeting covering types of estimates organization estimates and harnessing the budget as a management tool Providing expert insight into the management skills of the project manager combined with the analytical focus of the accountant and the big picture oversight of the executive Project Control is an essential resource for students in construction management programs and professionals in construction firms with specializations in long term infrastructure projects

How to Estimate with RSMeans Data RSMeans, Saleh A. Mubarak, 2020-03-31 A practical hands on guide to real world construction estimating How to Estimate with RSMeans Data is

the only instructional book on construction cost estimating that uses the most popular source of construction cost data RS Means This updated fifth edition includes new coverage on the role of Building Information Modeling BIM in the estimating process and over 300 sample problems and exercises that show you how to apply cost data to your building project based on the RS Means 2015 Building Construction Cost Data The companion website provides access to RS Means CostWorks data allowing you to use real world numbers in your practice estimates and the included Instructor s Manual provides step by step solutions to problems in the book Focused on the practical aspects of estimating this book emphasizes the application of estimating techniques which are transferable to any estimating software through problem solving and the ground up creation of complete construction project estimates Estimating skills are fundamental to the construction industry and are applied by all parties at all levels throughout the industry This book is a hands on guide to the techniques and tools used to create a thorough estimate with plenty of opportunities for practice Apply cost data to all aspects of the building project Practice your skills on over 300 sample problems Construct a complete estimate using RSMeans Besides being an essential construction skill learning estimating helps you become familiar with reading and understanding construction blueprints and how construction assemblies are built Mastery of these vital skills is important to your future career and How to Estimate with RSMeans Data is your ideal guide to a solid foundation

Heavy Construction Cost Data ,2006 Means Landscape Estimating Methods Sylvia Hollman Fee,2007-04-30 This best selling reference for landscape contractors designers and facilities maintenance personnel now updated in its fifth edition features the latest design trends and technologies Includes Step by step explanation of the estimating process including full sample estimate for a major landscape project updated with current costs and the new MasterFormat classification system Expanded and revised to address the latest materials and methods including new coverage on approaches to green building that save water reduce maintenance costs and provide other benefits to the facility Sample forms and worksheets that save you time and prevent errors now available on a new companion website Download the forms of your choice and customize them for your firm Professional guidance on calculating and controlling equipment costs whether purchased or rented and how to apply them correctly to each job Assistance in planning and identifying maintenance costs Your best source for professional guidance on accurate landscape estimates and reliable bids FEATURES Includes a companion website with the book s forms and worksheets to download and customize Features new coverage of the latest industry trends materials and methods to save water and reduce maintenance costs

Assemblies Cost Data Barbara Balboni,Christopher Babbitt,Ted Baker,Robert A Bastoni,John H Chiang,Gary W Christensen,2009-10 Using the UNIFORMAT II numbering system as a guideline for consistent estimating and reporting this indispensable tool provides you with thousands of building assembly and component costs You can quickly estimate a building s square foot cost and easily compare and price alternatives using the accompanying drawings explanations component breakdowns and reference tables available here within one easy to use format

Means Labor Rates for the

Construction Industry ,1998 **Means Square Foot Costs** Robert Snow Means Company,2000-05-15 Cost data for fast accurate estimates if you re in the preliminary stages of a project *RS Means Interior Cost Data* R S Means Company,2006-11 Site Work & Landscape Cost Data ,1998 Labor Rates for the Construction Industry ,1998 **Open Shop Building Construction Cost Data** ,2001 Building Construction Cost Data ,2006 **RS Means Plumbing Cost Data** ,1997

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