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Building Construction Handbook 9th Edition

This working handbook provides invaluable assistance for estimating and planning today's more complex urban and suburban heavy construction rehabilitation projects. Means Heavy Construction Handbook is designed to simplify the task by providing relevant information and advice for the problem at hand... whether it's selecting the right number of haulers for a load and haul job, choosing the right method of compaction, or projecting equipment repair and maintenance costs. You'll find

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a tremendous range of expert advice on every aspect of heavy construction work... including guidance for using RSMeans cost data to prepare highly reliable estimates. FEATURES: Special benefits of this unique Handbook: Explains the business aspects of buying vs. leasing, maintaining, and accounting for equipment. Includes a major section on site evaluation and hazardous wastes. Provides a comprehensive understanding of heavy construction operations and equipment. Explains techniques for hazardous waste site assessment and remediation. Provides guidance for analyzing and estimating heavy construction on a unit price basis. Explains and illustrates the math of heavy construction with

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formulas and sample calculations - solutions to a variety of productivity and operational problems. Provides a substantial Appendix of productivity and other reference data for estimating and project planning. Explains successful management and supervision approaches - including guidance for those who oversee the work.

Revised standard textbook and/or reference on the relationship between mechanical and electrical systems and the buildings they serve. This edition extends the philosophy of the seventh edition (1986), emphasizing the themes of energy conservation and the use of renewable energy sources while keeping readers informed of the major

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changes in equipment technology wrought by the microprocessor and the computer. A background of college-level mathematics and physics is assumed, and the volume is recognized as an important reference for the national architectural licensing examination. Annotation copyrighted by Book News, Inc., Portland, OR

The Building Services Handbook summarises concisely, in diagrams and brief explanations, all elements of building services. Practice, techniques and procedures are clearly defined with supplementary references to regulations and relevant standards. This is an essential text for all construction/building services students up to

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undergraduate level, and is also a valuable reference text for building service professionals. This new book is based on Fred Hall's 'Essential Building Services and Equipment 2ed' and has been thoroughly updated throughout. It is a companion volume to the highly popular textbook 'Building Construction Handbook' by Chudley and Greeno, which is now in its fourth edition.

The classic work that redefined the sociology of knowledge and has inspired a generation of philosophers and thinkers In this seminal book, Peter L. Berger and Thomas Luckmann examine how knowledge forms and how it is preserved and altered within a society. Unlike earlier theorists and

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philosophers, Berger and Luckmann go beyond intellectual history and focus on commonsense, everyday knowledge—the proverbs, morals, values, and beliefs shared among ordinary people. When first published in 1966, this systematic, theoretical treatise introduced the term social construction, effectively creating a new thought and transforming Western philosophy.

A Practical Guide to Estimating and Accounting Methods; Operations/Equipment Requirements; Hazardous Site Evaluat

***Mechanical and Electrical Equipment for Buildings
Building Construction Illustrated
BCIS Dilapidations Price Book***

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Building Services Handbook

This new edition of the classic quantity surveying textbook retains its basic structure but has been thoroughly updated to reflect recent changes in the industry, especially in procurement. Although over the last 20 years a number of new procurement methods have evolved and become adopted, the recession has seen many clients revert to established traditional methods of procurement so the fundamentals of cost planning still apply - and should not be ignored. The first edition of this leading textbook was published in 1964 and it continues to

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provide a comprehensive introduction to the practice and procedures of cost planning in the procurement of buildings. This 9th edition has been thoroughly updated to reflect changes that have occurred in the UK construction industry in the past six years. Whilst retaining its core structure of the three-phase cost planning process originally developed by Ferry and Brandon, the text provides a thorough grounding in contemporary issues including procurement innovation, whole life cycle costing and modelling techniques. Designed to support the core cost planning studies covered by students reading for

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degrees in quantity surveying and construction management, it provides a platform for understanding the fundamental importance of effective cost planning practice. The principals of elemental cost planning are covered from both pre- and post- contract perspectives; the role of effective briefing and client/stakeholder engagement as best practice is also reinforced in this text. This new edition: Addresses The Soft Landings Framework (a new govt. initiative, especially for schools) to make buildings perform radically better and much more sustainably. Puts focus on actual performance in use

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at brief stage, during design and construction, and especially before and after handover. Covers recent changes in procurement, especially under the NEC and PFI Provides more on PPP and long-term maintenance issues Offers an improved companion website with tutorial worksheets for lecturers and Interactive spreadsheets for students, e.g. development appraisal models; lifecycle costing models

This classic book provides an overview of the methods, equipment, and materials used in the construction of large commercial buildings. It makes

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an excellent source of general information—complete with diagrams, details, photographs, and worked examples of typical construction calculations such as earth moving calculation, formwork calculations, concrete pressures, and insulation values for building components. Revised content in this new 8th edition includes additional examples and homework problems for a complete review, superior illustrations, added video clips to the ancillary materials, and much, much more!

Ideal for students on all construction courses Topics presented concisely in plain language and with clear

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drawings Fully updated to include all revisions to Building and Construction regulations Building Construction Handbook is an authoritative reference for all construction students and professionals. It is full of detailed drawings that clearly illustrate the construction of building elements. The principles and processes of construction are explained with the concepts of design included where appropriate. Extensive coverage of building construction practice and techniques, representing both traditional procedures and modern developments, are also included to provide the most comprehensive and

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easy to understand guide to building construction. This new edition has been updated to reflect the 2011 changes to the building regulations, as well as new material on energy performance, and substantial revisions of the section on structures. Building Construction Handbook is the essential, easy-to-use resource for undergraduate and vocational students on a wide range of courses including NVQ and BTEC National, through to Higher National Certificate and Diploma, to Foundation and three-year Degree level. It is also a useful practical reference for building designers,

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contractors and others engaged in the construction industry.

Spon's Mechanical and Electrical Services Price Book 2020 continues to be the most comprehensive and best annual services engineering price book currently available, providing detailed pricing information across the full range of mechanical and electrical services, together with higher-level costs for a diverse range of systems and different building applications. Use the access code inside the front cover of the book to get set up with a VitalSource® ebook of this 2020 edition. This versatile and

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powerful online data viewing package is available for use until the end of December 2020. A number of new engineering features have been added: This year the lighting section has been entirely overhauled to accurately represent the latest industry standards in light fittings. The three exciting areas of development AECOM has this year identified in the MEP sector -- battery storage systems, exposed services and grid decarbonisation. Along with new items including MVHRs, district heating HIUs, and air source heat pumps. All the standard features you have come to expect from

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SPON'S MECHANICAL AND ELECTRICAL SERVICES PRICE BOOK are also included, considered essential for today's services cost professional: detailed materials prices, labour constants, labour costs and measured work prices for mechanical and electrical works, from above ground drainage to automatic transfer switches, and circuit breakers to sprinkler systems an extensive Approximate Estimating section for quick, rule-of-thumb pricing of mechanical or electrical installations, together with elemental services costs for different types and standard of buildings full

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details of wage rates, daywork and cost indices on a national and Central London basis. an overhauled index and guidance notes updates, free of charge, twice a year – see inside for registration details.

Updates are available online at
www.pricebooks.co.uk

Pipeline Rules of Thumb Handbook

RIBA Job Book

Chudley and Greeno's Building Construction Handbook

An Illustrated Guide to Building a Safe House

A Pattern Language

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The RIBA Job Book is the Royal Institute of British Architects' long-established and recognised standard reference for running construction projects. This major new update fully reflects the new RIBA Plan of Work 2013 and contemporary working practice. It embraces themes of collaboration within the project team, better briefing, advances in information technology and BIM, and the continued importance of sustainability including valuable detail on a range of 'cradle to grave' processes in a building project. Applicable to all forms of procurement and to all sizes and types of project, the RIBA Job Book provides a systematic operational framework that is comprehensive in scope and easy-to-follow, and which examines step-by-step the key obligations of the architect or lead consultant. Setting out all the actions to be undertaken throughout a project, it includes invaluable checklists, notes and practical guidance.

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The Construction Chart Book presents the most complete data available on all facets of the U.S. construction industry: economic, demographic, employment/income, education/training, and safety and health issues. The book presents this information in a series of 50 topics, each with a description of the subject matter and corresponding charts and graphs. The contents of The Construction Chart Book are relevant to owners, contractors, unions, workers, and other organizations affiliated with the construction industry, such as health providers and workers compensation insurance companies, as well as researchers, economists, trainers, safety and health professionals, and industry observers.

This Newbery Honor winner and #1 New York Times bestseller is a beloved modern classic. Hoot features a new kid and his new bully, alligators, some burrowing owls, a renegade eco-avenger, and several

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extremely poisonous snakes. Everybody loves Mother Paula's pancakes. Everybody, that is, except the colony of cute but endangered owls that live on the building site of the new restaurant. Can the awkward new kid and his feral friend prank the pancake people out of town? Or is the owls' fate cemented in pancake batter? Welcome to Carl Hiaasen's Florida—where the creatures are wild and the people are wilder!

This book examines the implications of new communication technologies in the light of the most recent work in social and cultural theory and argues that new developments in electronic media, such as the Internet and Virtual Reality, justify the designation of a "second media age".

A Manual of Quick, Accurate Solutions to Everyday Pipeline Engineering Problems

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Estimating in Building Construction

Barry's Advanced Construction of Buildings

The U.S. Construction Industry and Its Workers

Get the updated industry standard for a new age of construction! For more than fifty years, Olin's Construction has been the cornerstone reference in the field for architecture and construction professionals and students. This new edition is an invaluable resource that will provide in-depth coverage for decades to come. You'll find the most up-to-date principles, materials, methods, codes, and standards used in the design and construction of contemporary concrete, steel, masonry, and wood buildings for residential, commercial, and institutional use.

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Organized by the principles of the MasterFormat® 2010 Update, this edition: Covers sitework; concrete, steel, masonry, wood, and plastic materials; sound control; mechanical and electrical systems; doors and windows; finishes; industry standards; codes; barrier-free design; and much more Offers extensive coverage of the metric system of measurement Includes more than 1,800 illustrations, 175 new to this edition and more than 200 others, revised to bring them up to date Provides vital descriptive information on how to design buildings, detail components, specify materials and products, and avoid common pitfalls Contains new information on sustainability, expanded coverage of the principles of construction management and the place of construction

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managers in the construction process, and construction of long span structures in concrete, steel, and wood The most comprehensive text on the subject, Olin's Construction covers not only the materials and methods of building construction, but also building systems and equipment, utilities, properties of materials, and current design and contracting requirements. Whether you're a builder, designer, contractor, or manager, join the readers who have relied on the principles of Olin's Construction for more than two generations to master construction operations.

Part 1 Focuses on planning and starting your business. This section will help you formulate a business plan, choose a business structure, understand licensing and insurance

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requirements and gain basic management and marketing skills. Part 2 Covers fundamentals you will need to know in order to operate a successful construction business. This section covers estimating, contract management, scheduling, project management, safety and environmental responsibilities and building good relationships with employees, subcontractors and customers. Part 3 Provides valuable information to assist you in running the administrative function of your business. Financial management, tax basics, and lien laws are covered. Effective management of these areas of business is vital and failure proper attention can cause serious problems. Emphasizes life-safety principles underlying building codes. Using clear language and helpful diagrams, this

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edition reflects the most up-to-date changes in the 2006 International Residential Code. It is also cross-referenced to the Uniform Plumbing Code, Uniform Mechanical Code and the National Electrical Code. The spiral-bound "Code Check" series is endorsed by the International Conference of Building Officials (ICBO). With durable laminated pages, it is designed to be used on-site for quick reference.

This is a guide to both the basics and the details of tall building design, delving into the rudimentary aspects of design that an architect of a tall office building must consider, as well as looking at the rationale for why and how a building must be built the way it is. Liberally illustrated with clear, simple black and white illustrations showing how the building structure and details can be

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built, this book greatly assists the reader in their understanding of the building process for a modern office tower. It breaks down the building into three main components: the structure, the core and the facade, writing about them and illustrating them in a simple-to-understand manner. By focusing on the nuts and bolts of real-life design and construction, it provides a practical guide and desk-reference to any architect or architecture student embarking on a tall building project.

A Treatise in the Sociology of Knowledge

Principles, Materials, and Systems

The Social Construction of Reality

NASCLA Contractor's Guide to Business, Law and Project Management, Oregon Construction Contractors

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Energy Efficient Building Construction in Florida, 9th Edition

Building Services, Technology and Design provides a concise guide to the installation and design of principal services in domestic and commercial buildings. It covers the level 2 module of The CIOB's Education Framework and is officially sanctioned by the CIOB as the recognised text for that module. The book combines theory, design and application in one volume and is supported throughout with illustrations, design examples, tables and charts. Services covered include: cold and hot water; heating; ventilation; air

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conditioning; gas; electricity; security; fire control; sanitation; drainage and transport systems. Building Services, Technology and Design is a core text for the CIOB level 2 module, as well as BTEC HNC/D building studies and degree courses in building. It is also an essential reference for all members of the facilities management and construction industry.

The first European edition of Francis DK Ching's classic visual guide to the basics of building construction. For nearly four decades, the US publication Building Construction Illustrated has offered an

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outstanding introduction to the principles of building construction. This new European edition focuses on the construction methods most commonly used in Europe, referring largely to UK Building Regulations overlaid with British and European, while applying Francis DK Ching's clear graphic signature style. It provides a coherent and essential primer, presenting all of the basic concepts underlying building construction and equipping readers with useful guidelines for approaching any new materials or techniques they may encounter. European Building Construction Illustrated provides a

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comprehensive and lucid presentation of everything from foundations and floor systems to finish work. Laying out the material and structural choices available, it provides a full understanding of how these choices affect a building's form and dimensions. Complete with more than 1000 illustrations, the book moves through each of the key stages of the design process, from site selection to building components, mechanical systems and finishes. Illustrated throughout with clear and accurate drawings that effectively communicate construction processes and materials Provides an overview of the

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mainstream construction methods used in Europe Based around the UK regulatory framework, the book refers to European level regulations where appropriate. References leading environmental assessment methods of BREEAM and LEED, while outlining the Passive House Standard Includes emerging construction methods driven by the sustainability agenda, such as structural insulated panels and insulating concrete formwork Features a chapter dedicated to construction in the Middle East, focusing on the Gulf States Ideal for students on all construction courses Topics presented concisely in plain

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language and with clear drawings Updated to include revisions to Building and Construction regulations The Building Construction Handbook is THE authoritative reference for all construction students and professionals. Its detailed drawings clearly illustrate the construction of building elements, and have been an invaluable guide for builders since 1988. The principles and processes of construction are explained with the concepts of design included where appropriate. Extensive coverage of building construction practice, techniques, and regulations representing both traditional

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procedures and modern developments are included to provide the most comprehensive and easy to understand guide to building construction. This new edition has been updated to reflect recent changes to the building regulations, as well as new material on the latest technologies used in domestic construction. Building Construction Handbook is the essential, easy-to-use resource for undergraduate and vocational students on a wide range of courses including NVQ and BTEC National, through to Higher National Certificate and Diploma, to Foundation and three-year Degree level. It is also a useful

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practical reference for building designers, contractors and others engaged in the construction industry.

The classic visual guide to the basics of building construction, now with a 3D digital building model for interactive learning For over three decades, Building Construction Illustrated has offered an outstanding introduction to the principles of building construction. This new edition of the revered classic remains as relevant as ever, providing the latest information in Francis D.K. Ching's signature style. Its rich and comprehensive approach clearly presents all of

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the basic concepts underlying building construction. New to this edition are digital enhancements delivered as an online companion to the print edition and also embedded in e-book editions. Features include a 3D model showing how building components come together in a final project. Illustrated throughout with clear and accurate drawings that present the state of the art in construction processes and materials Updated and revised to include the latest knowledge on sustainability, incorporation of building systems, and use of new materials Contains archetypal drawings that offer clear

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inspiration for designers and drafters
Reflects the 2012 International Building Codes and 2012 LEED system This new edition of Building Construction Illustrated remains as relevant as ever, with the most current knowledge presented in a rich and comprehensive manner that does not disappoint.
Building Services, Technology and Design
The World Book Encyclopedia
Hoot
NASCLA Commercial General Building Contractor Exam Prep
Building Construction
Basic information on forming your own

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contracting business, plus advanced information about laws, regulations and procedures in the state of Virginia. Can be used as a primary study reference for the Virginia contractor licensing exams. Contains sample contracting documents used in this state.

•Test Taking Techniques•Book Overviews•Highlight and Tab Instructions•Hundreds of Test Questions•Math Review•Test Scope & Approved References
The 12th edition of Chudley and Greeno's Building Construction Handbook remains THE authoritative reference for all construction students and professionals. The principles and

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processes of construction are explained with the concepts of design included where appropriate. Extensive coverage of building construction practice, techniques and regulations representing both traditional procedures and modern developments are included to provide the most comprehensive and easy to understand guide to building construction. This new edition has been updated to reflect recent changes to the building regulations, as well as new material on modern methods of construction, greater emphasis on sustainability and a new look interior. Chudley and Greeno's Building Construction Handbook is the essential, easy-to-

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use resource for undergraduate and vocational students on a wide range of courses including NVQ and BTEC National, through to Higher National Certificate and Diploma, to Foundation and three-year Degree level. It is also a useful practical reference for building designers, contractors and others engaged in the construction industry.

You can use this book to design a house for yourself with your family; you can use it to work with your neighbors to improve your town and neighborhood; you can use it to design an office, or a workshop, or a public building. And you can use it to guide you in the actual process

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of construction. After a ten-year silence, Christopher Alexander and his colleagues at the Center for Environmental Structure are now publishing a major statement in the form of three books which will, in their words, "lay the basis for an entirely new approach to architecture, building and planning, which will we hope replace existing ideas and practices entirely." The three books are The Timeless Way of Building, The Oregon Experiment, and this book, A Pattern Language. At the core of these books is the idea that people should design for themselves their own houses, streets, and communities. This idea may be radical (it

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implies a radical transformation of the architectural profession) but it comes simply from the observation that most of the wonderful places of the world were not made by architects but by the people. At the core of the books, too, is the point that in designing their environments people always rely on certain "languages," which, like the languages we speak, allow them to articulate and communicate an infinite variety of designs within a forma system which gives them coherence. This book provides a language of this kind. It will enable a person to make a design for almost any kind of building, or any

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part of the built environment. "Patterns," the units of this language, are answers to design problems (How high should a window sill be? How many stories should a building have? How much space in a neighborhood should be devoted to grass and trees?). More than 250 of the patterns in this pattern language are given: each consists of a problem statement, a discussion of the problem with an illustration, and a solution. As the authors say in their introduction, many of the patterns are archetypal, so deeply rooted in the nature of things that it seems likely that they will be a part of human nature, and human action, as

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much in five hundred years as they are today.

Principles, Materials, and Methods

LEED, BREEAM, and Green Globes

Spon's Mechanical and Electrical Services Price Code Check

Means Heavy Construction Handbook

Publisher Description

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MyLab & Mastering products. Packages Access codes for Pearson's MyLab & Mastering products may not be included when purchasing or renting from companies other than Pearson; check with the seller before completing your purchase. Used or rental books If you rent or purchase a used book with an access code, the access code may have been redeemed previously and you may have to purchase a new access code. Access codes Access codes that are purchased from sellers other than Pearson carry a higher risk of being either the wrong ISBN or a previously redeemed code. Check with the seller prior to purchase. -- The science of building construction and design is evolving more quickly than ever before. The second edition of this outstanding text builds on the previous version. It

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incorporates the latest updates available, features hundreds of new pieces of artwork, and is now in FULL COLOR! Written by an author team with decades of experience in architecture, building construction, engineering, and teaching, Building Construction: Principles, Materials & Systems 2nd Edition is a comprehensive and fully illustrated introduction to construction methods and materials. Continuing on with the books unique organization, Principles of Construction are covered in Part One and Materials and Systems of Construction are covered in Part Two. Emphasizing a visual approach to learning, it includes more than 1,400 original illustrations and an extra large trim size (9" x 12") that provides an open and inviting layout that readers are sure to appreciate. Plus! A completely revamped

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and expanded companion website, "MyConstructionKit", is also available!

The updated edition of the authoritative and comprehensive guide to construction practice The revised fourth edition of Barry's Advanced Construction of Buildings expands on the resource that has become a standard text on the construction of buildings. The fourth edition covers the construction of larger-scale buildings (primarily residential, commercial and industrial) constructed with load bearing frames in timber, concrete and steel; supported by chapters on offsite construction, piling, envelopes to framed buildings, fit-out and second fix, lifts and escalators, building pathology, upgrading and demolition. The author covers the functional and performance requirements of the

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main building elements as well as building efficiency and information on meeting the challenges of limiting the environmental impact of buildings. Each chapter includes new "at a glance" summaries that introduce the basic material giving a good understanding of the main points quickly and easily. The text is fully up to date with the latest building regulations and construction technology. This important resource: Covers design, technology, offsite construction, site assembly and environmental issues of larger-scale buildings including primarily residential, commercial and industrial buildings constructed with load bearing frames Highlights the concept of building efficiency, with better integration of the topics throughout the text Offers new "at a glance" summaries at the

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beginning of each chapter is a companion to Barry's Introduction to Construction of Buildings, fourth edition. Written for undergraduate students and those working towards similar NQF level 5 and 6 qualifications in building and construction, Barry's Advanced Construction of Buildings is a practical and highly illustrated guide to construction practice. It covers the materials and technologies involved in constructing larger scale buildings. This book is the definitive reference source for professionals involved in the conception, design and specification stages of a construction project. The theory and practical aspects of each material is covered, with an emphasis being placed on properties and appropriate use, enabling broader, deeper understanding of each material leading to greater

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confidence in their application. Containing fifty chapters written by subject specialists, Construction Materials Reference Book covers the wide range of materials that are encountered in the construction process, from traditional materials such as stone through masonry and steel to advanced plastics and composites. With increased significance being placed on broader environmental issues, issues of whole life cost and sustainability are covered, along with health and safety aspects of both use and installation.

Tall: the design and construction of high-rise architecture

Construction Materials Reference Book

Building Construction Handbook

European Building Construction Illustrated

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Handbook of Green Building Design and Construction
An encyclopedia designed especially to meet the needs of elementary, junior high, and senior high school students.

Building Construction Handbook is an authoritative reference for all students and professionals. It is full of detailed drawings that clearly illustrate the construction of building elements. The principles and processes of construction are explained with the concepts of design included where appropriate. Extensive coverage of building construction practice and techniques, representing both traditional

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procedures and modern developments, are also included to provide the most comprehensive and easy to understand guide to building construction. The new edition has been reviewed and updated and includes additional material on energy conservation, sustainable construction, environmental and green building issues. Further details of fire protection to elements of construction are provided. Building Construction Handbook is an essential text for undergraduate and vocational students on a wide range of courses including NVQ and BTEC National, through Higher National

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Certificate and Diploma to Foundation and three-year Degree level. It is also a useful practice reference for building designers, contractors and others engaged in the construction industry. It is ideal for students on all construction courses. The topics are presented concisely in plain language and with clear drawings. It incorporates recent revisions to Building and Construction Regulations.

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

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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

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35 years of personal experience from across the world

Now in its sixth edition, Pipeline Rules of Thumb Handbook has been and continues to be the standard resource for any professional in the pipeline industry. A practical and convenient reference, it provides quick solutions to the everyday pipeline problems that the pipeline engineer, contractor, or designer faces. Pipeline Rules of Thumb Handbook assembles hundreds of shortcuts for pipeline construction, design, and engineering. Workable "how-to" methods, handy formulas,

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correlations, and curves all come together in this one convenient volume. Save valuable time and effort using the thousands of illustrations, photographs, tables, calculations, and formulas available in an easy to use format Updated and revised with new material on project scoping, plastic pipe data, HDPE pipe data, fiberglass pipe, NEC tables, trenching, and much more A book you will use day to day guiding every step of pipeline design and maintenance

The Construction Chart Book

Principles and Practices of Commercial Construction

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2019 Study Review & Practice Exams

NASCLA Contractors Guide to Business, Law and Project Management, Virginia Edition

Construction Planning, Equipment, and Methods

Everything needed for a course in Estimating is provided in this proven text, which combines coverage of principles with step-by-step procedures. Ideal for construction, architecture, and engineering students, it reflects the popular approach of tracing a complete project's progress. The use of computers as a key estimating tool is incorporated throughout.

Building Construction HandbookRoutledge

Medical Management of Biological Casualties Handbook

Design of Reinforced Concrete

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Towns, Buildings, Construction

The Second Media Age

Ferry and Brandon's Cost Planning of Buildings