Finishes Mitchells Building Series

Introduction to Building provides a comprehensive introduction to various aspects of development and associated building procedures, from initial planning and design through procurement of building work, contractual arrangements and construction techniques. Now in its Fifth Edition, this popular text continues to present an authoritative overview of the many design and practical considerations associated with the creation and maintenance of modern buildings, including repair of existing buildings and traditional construction procedures. Topics covered include the functional requirements of a building: appearance, durability, dimensional suitability, strength and stability, weather exclusion, sound control, thermal comfort, fire protection, lighting and ventilating, sanitation and drainage, security, cost, sustainability, building processes, the building team, communication and construction methods.
Environment and Services provides a comprehensive introduction to the technical aspects of building design and construction in the fields of physical environment and services installation. It explains the principles involved, the materials and equipment required, design methods and applications. The eighth edition has been brought fully up-to-date with the current building regulations and reflects recent trends by placing increased emphasis on environmental issues related to buildings. The book is suitable for undergraduate degree courses in building, building surveying, building engineering and management, and architecture. It is also suitable for HNC/D courses in building studies and building services engineering as well as CIOB and RIBA examinations.
Provides an overview of the design and practical considerations associated with the creation and maintenance of buildings. This edition includes legislation and government guidelines, and it presents an introduction to the various aspects of building and development from initial planning and design through contract procurement to construction.
Mitchell's Structure & Fabric
Housing
Architect's Guide to Running a Job
Design and Construction
The fourth edition of this well established text brings the subject up-to-date with environmental legislation and provides a thorough understanding of the surface technologies of all materials used for finishes. It also aims to minimise the use of finishes which have shorter lives and hence need renewing more frequently. As the variety of materials used for finishes is so large, they have been grouped into their engineering categories of ceramics, polymers, metals and composites to aid understanding of their structure, behaviour and ability to resist degradation. Finishes is an essential textbook for Materials units on building, architecture, surveying and related degree and postgraduate courses, and for students of BTEC HNC/D building and surveying.
A well-known and respected standard reference, this fifth edition provides a thorough treatment of the properties of building materials and their manufacture, both on-site and in the factory. The emphasis is on matching materials with the performance required.
FinishesB. T. Batsford LimitedFinishesRoutledge
Housing: The Essential Foundations
Components, Services. Components, services and finnishes
Components and Finishes
Landscape Architect's Pocket Book
Analyses, in conjunction with Internal Components, the performance requirements of building components and the effectiveness of typical solutions. External components integrates logically with the theoretical aspects explored in other titles in the Mitchell's building series. It encourages evaluation of alternative methods for putting components together.
Housing: The Essential Foundations provides a comprehensive introduction to housing studies. This topical text is essential reading for students embarking on degree and diploma courses in housing, surveying, town planning and other related subjects. Professionals within these fields will also find the book valuable as a source of up-to-date information and data. Uniquely multi-disciplinary and including a wealth of illustrations and examples, this book focuses on key topics which include: * equal opportunities and housing organisations * town planning and housing development * housing management, design and development * economics of housing * management and organisation * environmental health and housing * property, housing law, policy-making and politics * housing policy and finance prior to and post Thatcherism * future policy issues under the Labour government post 1997 Throughout the authors stress the importance of housing market activity that accords with good planning practice, legislation, democratic decision-making, economy and efficiency. In introducing the many diverse aspects of housing within a single volume, this book provides the essential foundations for the study of this multi-disciplinary subject. Paul Balchin, Gregory Bull, Pauline Forrester, David Isaac, R.Shean McConnell John O'Leary, Maureen Rhoden, Jane Weldon all at Univeristy of Greenwich, UK and Mark Pawlowski, University
A guide for students and practising architects which sets out the conventional process by which an architect takes a job from first contact with a client to the settlement of the final account with the builder. Flow charts provide a step-by-step analysis o
Mitchell's Advanced Building Construction
The Architect's Guide to Running a Job
Introduction to Building
Components and finishes
With more than 20,000 words and terms individually defined, the Dictionary offers huge coverage for anyone studying or working in architecture, construction or any of the built environment fields. The innovative and detailed cross-referencing system allows readers to track down elusive definitions from general subject headings. Starting from only the vaguest idea of the word required, a reader can quickly track down precisely the term they are looking for. The book is illustrated with stunning drawings that provide a visual as well as a textual definition of both key concepts and subtle differences in meaning. Davies and Jokiniemi's work sets a new standard for reference books for all those interested in the buildings that surround us. To browse the book and to see how this title is an invaluable resource for both students and professionals alike, visit www.architectsdictionary.com.
A kingdom is at war. A princess has been kidnapped by a dragon queen. A brave squire volunteers to set out on a quest to rescue her. But there's just one small problem. He's Thomas, the shortest of all the squires. With little more than a donkey, a vest, and a sword, Thomas will have to use all of his courage and determination to battle a beast with many heads, reach a forbidden island, and rescue the princess from a most fearsome dragon- and an even more fearsome fate! Part thrilling adventure and part enchanting fantasy, sprinkled with charming black-and-white illustrations,Thomas and the Dragon Queenwill delight young readers from start to finish. From the Hardcover edition.
An indispensable tool for all landscape architects, this time-saving guide answers the most frequently asked questions in one pocket-sized volume. It is a concise, easy-to-read reference that gives instant access to a wide range of information needed on a daily basis, both out on site and in the office. Covering all the major topics, including hard landscaping, soft landscaping as well as planning and legislation, the pocket book also includes a handy glossary of important terms, useful calculations and helpful contacts. Not only an essential tool for everyday queries on British standards and procedures, this is a first point of reference for those seeking more extensive, supplementary sources of information, including websites and further publications. This new edition incorporates updates and revisions from key planning and environmental legislation, guidelines and national standards.
Components, Services, and Finishes
Mitchell's Movement Control in the Fabric of Buildings
Mitchell's Introduction to Building
Fumigable Warehouses
This book and its companion volume External Components encourage an evaluation of alternative methods for putting components together. Both use contemporary case studies to relate component design to real building.
Structure and Fabric Part 2 consolidates and develops the construction principles introduced in Part 1. With generous use of illustrations this book provides a thorough treatment of the techniques used in the construction of various types of building. This new edition has been thoroughly reviewed and updated with reference to recent changes in building regulations, national and European standards and related research papers. The comprehensive presentation provides guidance on established and current practice, including the administrative procedures necessary for the construction of buildings.
Best practice is the concern of this book. An architect has to be an administrator as well as designer, and smooth economical administration will provide the conditions under which client relations can be constructive and good design can be acheived. The book is divided into 76 short sections covering the entire process, from preliminary enquiries to final fees, each with a small flow chart showing who is involved and when. This sixth revised edition updates the contents in line with present day practice, bearing in mind the changes in terminology, technology, environmental demands and the legislative background. Ronald Green and Professor Ross Jamieson who writes the foreword to this edition, are both examiners for Part Three.
Mitchell's Building Construction
Materials
Mitchell's Building Construction and Drawing 1906
This classic reference has established the value of petrography as a powerful method for the investigation of concrete as a material. It provides an authoritative and well-illustrated review of concrete composition and textures, including the causes of defects, deterioration, and failure that can be identified using a petrological microscope. This new edition is entirely revised and updated and also greatly extended to take account of new scientific developments and significant improvements in instrumentation and to reflect current laboratory working practices, as well as to reflect new understanding of the performance of concrete and related materials. Now in full color throughout, Concrete Petrography, Second Edition provides case study examples, with appropriate explanatory discussions and practical advice on selecting, handling and preparing specimens. It assists and guides the engineer, the trainee and the experienced petrographer in understanding the scientific evidence that is basic to petrographic analysis and so will lead to more accurate and timely diagnosis and treatment of problems in structural concrete. This book includes: Contributions in specialist areas by internationally recognized experts Explanation of computer techniques as an aid to petrography Full coverage of inspection, sampling, and specimen preparation New sections covering recent technological development of equipment Guidance on observation of cement and concrete mineralogy and microfabrics Discussion and illustrative examples of deterioration and failure mechanisms New work and guidance on the determination of water/cement ratio New color illustrations and micrographs throughout Thorough updating of standards, other authoritative publications, and references A fully revised, extended, and updated glossary of optical and other properties
This book provides a complete and thorough treatment of the principles and techniques used in the construction of a building. It covers foundations, walls and piers, roof and floor structures, chimneys, stairs and much more.
The construction of buildings is learnt through experience and the inheritance of a tradition in forming buildings over several thousand years. Successful construction learns from this experience which becomes embodied in principles of application. Though materials and techniques change, various elements have to perform the same function. 'Principles of Element Design' identifies all the relevant elements and then breaks these elements down into all their basic constituents, making it possible for students to fully understand the given theory and principles behind each part. As all building projects are subject to guidance through the Building Regulations and British Standards, this book gives an immediate reference back to relevant information to help practitioners and contractors identify key documents needed. Yvonne Dean B.A. (Hons) B.A (Open) RIBA, an architect, energy consultant and materials technologist. She also has 15 years experience as a lecturer, travels widely and is a guest lecturer at many universities. She pioneered an access course for Women into Architecture and Building, which has been used as a template by others, and has been instrumental in helping to change the teaching of technology for architects and designers. Peter Rich AA Dipl. (Hons) Architect, started his career with 14 years experience as a qualified architectural technician. He then joined the AA School of Architecture, working with Bill Allen and John Bickerdike after his graduation, later becoming a partner of Bickerdike Allen Rich and Partners. He also taught building construction at the Bartlett School of Architecture, University College London, and architectural design at the Polytechnic of North London. He now acts as a Consultant.
Internal Components
Components and Finishes, [by] Harold King, Alan Everett
Structure and Fabric
Components
A well-known and respected standard reference, this fifth edition provides a thorough treatment of the properties of building materials and their manufacture, both on-site and in the factory.
Uniquely multi-disciplinary and including a wealth of illustrations and examples,Housingfocuses on key aspects, and provides a comprehensive introduction to the study of this far-reaching subject.
Materials Technology clearly identifies materials and technology as the fundamental generators of buildings and examines how they determine the structure, overall form and quality. It examines the issues that determine the choice of materials, and argues that the decision-making of architects, engineers and designers should take account of the environmental impact of sourcing the basic materials, and of the energy implications of their processing and use in manufacturing. Materials Technology is an essential resource for Materials Technology units in building, architecture and surveying degree and postgraduate courses; and students of BTEC HNC/D building and surveying. It will also be a useful reference tool for Advanced GNVQ Construction and the Built Environment courses and Built Environment NVQs at levels 3 and 4.
Principles of Element Design
Concrete Petrography
External Components
Components, Services and Finishes