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Get this practical, illustrated guide to the International Building Code. With the publication of the new International Building Code, the building industry is moving toward a single universal set of construction codes, rather than the three regional codes previously in use. Now more than ever,

architects need an interpretive guide to understand how the building code affects the early design of specific projects. This unique reference blends the graphic skills of bestselling author Francis Ching with the code expertise of Steven Winkel. They closely examine the portions of the building code most relevant to the architect and provide a simple and practical interpretation using both words and illustrations. All of the changes in the code are explained in simple, user-friendly language so you'll get up to speed quickly and easily. Order your copy today. Offers a concise and accessible presentation of important concepts for beginning designers, and experienced practitioners will appreciate its insightful and practical coverage of the relationship between building structures and interior spaces. A broad range of rich illustrations communicates visual information and ploughs fertile ground for creative ideas and inspiration. 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 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 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. The time-saving resource every architect needs The Architect's Studio Companion is a robust, user-friendly resource that keeps important information at your fingertips throughout the design process. It includes guidelines for the design of structure, environmental systems, parking, accessibility, and more. This new sixth edition has been fully updated with the latest model building codes for the U.S. and Canada, extensive new information on heating and cooling systems for buildings, and new structural systems, all in a form that facilitates rapid preliminary design. More than just a reference, this book is a true companion that no practicing architect or student should be without. This book provides quick access to guidelines for systems that affect the form and spatial organization of buildings and allows this information to be incorporated into the earliest stages of building design. With it you can: Select, configure, and size structural systems Plan for building heating and cooling Incorporate passive systems and daylighting into your design Design for parking and meet code-related life-safety and accessibility requirements Relying on straightforward diagrams and clear written explanations, the designer can lay out the fundamental systems of a building in a matter of minutes—without getting hung up on complicated technical concepts. By introducing building systems into the early stages of design, the need for later revisions or redesign is reduced, and projects stay on time and on budget. The Architect's Studio Companion is the time-saving tool that helps you bring it all together from the beginning. An easy-to-use, illustrated guide to the 2009 edition of the International Building Code As the U.S. building industry adapts the international standards, architects and other building professionals need a clear, practical guide to the International Building Code. Marrying the graphic skills of bestselling author Frank Ching with the code expertise of Steven Winkel, FAIA, this invaluable

reference provides an easy-to-understand interpretation in both words and illustrations of the portions of the building code that are most relevant for the architect. Highlighting major changes between the new code and previous model building codes, this book will help architects understand how this code change will affect their practice. Provides a visually-oriented guide to the 2009 International Building Code Uses illustrations and concise explanations to hone the building codes down to the fundamentals that most designers need Includes reviews by the International Code Council (ICC) and follows the ICC's 2009 International Building Code Drawings by Frank D.K. Ching (Seattle, WA), Professor Emeritus of Architecture at the University of Washington, is world-renowned for his numerous architecture and design books, including *Architecture: Form, Space, and Order*; *A Global History of Architecture*; *Interior Design Illustrated*; *Building Codes Illustrated*; and *Building Construction Illustrated*, all from Wiley Commentary written by nationally-recognized building codes expert Steven Winkel, the Architect member of the California Building Standards Commission, a past national board member of The American Institute of Architects (AIA), and past president of the AIA California Council Winkel is also co-author of *Building Codes Illustrated for Elementary and Secondary Schools*, *Building Codes Illustrated for Healthcare Facilities*, and *Residential Building Codes Illustrated* 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 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 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 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 A survey of the built environment distills the work of legendary author and illustrator Francis D. K. Ching into a single volume Introduction to Architecture presents the essential texts and drawings of Francis D. K. Ching for those new to architecture and design. With his typical highly graphic approach, this is the first introductory text from Ching that surveys the design of spaces, buildings, and cities. In an easy to understand format, readers will explore the histories and theories of architecture, design elements and process, and the technical aspects of the contemporary profession of architecture. The book explains the experience and practice of architecture and allied disciplines for future professionals, while those who love the beauty of architecture drawing will delight in the gorgeous illustrations included. Overview of the issues and practices of architecture in

an all-in-one introductory text Includes new chapters and introductory essays by James Eckler, and features more than 1,000 drawings throughout Professor Ching is the bestselling author of numerous books on architecture and design, all published by Wiley; his works have been translated into 16 languages and are regarded as classics for their renowned graphical presentation For those pursuing a career in architecture or anyone who loves architectural design and drawing, Introduction to Architecture presents a beautifully illustrated and comprehensive guide to the subject. Get the completely revised edition to mastering the visual language of architecture. In his distinctive graphic style, world-renowned author and architecture educator Francis D.K. Ching takes us on another exciting journey through the process of creation. In Design Drawing, Second Edition, he unmasks the basic cognitive processes that drive visual perception and expression, incorporating observation, memory, and rendering into a creative whole. This edition unites imaginative vision with fundamental architectural principles to cover the traditional basics of drawing, including line, shape, tone, and space. Guiding the reader step-by-step through the entire drawing process, Design Drawing also examines different types of drawing techniques such as multiview, paraline, and perspective drawings -- and how they can be applied to achieve stunning results. In addition, this edition: Goes beyond basic drawing books—Ching not only covers the principles, media, and techniques of drawing, but also places these within the context of what and why designers draw. Features more than 1,500 hand-rendered drawings—beautiful illustrations that reinforce the concepts and lessons of each chapter. Includes a supplemental CD-ROM—viewers will gain a greater appreciation of the techniques presented in this book through the power of animation, video, and 3D models. Twelve new modules are included, as is a video of the author demonstrating freehand techniques in a step-by-step manner. For professional architects, designers, fine artists, illustrators,



teachers and students alike, this all-in-one package is both an effective tool and an outstanding value, demonstrating concepts and techniques in a visually stimulating format that transcends comparable works in the field. BUILDING CODES ILLUSTRATED STAY INFORMED OF THE LATEST UPDATES TO THE INTERNATIONAL BUILDING CODE WITH THE LEADING VISUAL REFERENCE In the newly revised Seventh Edition of Building Codes Illustrated: A Guide to Understanding the 2021 International Building Code®, architectural drawing expert Francis D.K. Ching and well known architect Steven R. Winkel deliver a beautifully illustrated and intuitively written handbook for the 2021 International Building Code (IBC). The authors provide brand new chapters on plumbing fixture counts, elevators, special construction, and existing buildings while updating the remainder of the material to align with recent changes to the IBC. Easy to navigate and perfect as a quick-reference guide to the IBC, Building Codes Illustrated is a valuable visual resource for emerging professionals. The book also includes: Thorough introductions to navigating the Code, use and occupancy, special uses and occupancies, and building heights and areas Full explorations of the types of construction, fire resistive construction, interior finishes, fire-protection systems, and means of egress Practical discussions of accessibility, interior environment, exterior walls, roof assemblies, and structural provisions In-depth examinations of special inspections and tests, soils and foundations, building materials and systems, and elevators Perfect for students of architecture, interior design, construction, and engineering, the latest edition of Building Codes Illustrated is also ideal for professionals in these fields seeking an up-to-date reference on the 2021 International Building Code. The bestselling guide to interior design, updated with new code and technology Interior Design Illustrated is the definitive guide to design for interior spaces. Richly illustrated in author Francis Ching's signature style, this book introduces complex design concepts

in a visually stunning format; from defining the space and using the elements of design, to planning building systems and incorporating sustainable materials, this volume embodies the idea that beauty and function are not separate entities, but two parts of a whole. This new fourth edition has been updated to reflect the latest building codes and design practices, with discussion of new materials related to acoustics, lighting, and sustainable furnishings. Renewed attention to sustainability includes new information on energy conservation, design for longevity and adaptive reuse of existing buildings, as well as an updated discussion on LED lighting, workplace design, use of color, and computer modeling software to provide a well-rounded view of how interior design firms are working today. This classic text brings the elements and principles of design to life, giving students the practical skills they need to transition from idea to concept. Understand the latest building codes and how to integrate them into your design Explore new advances in materials, lighting, and wireless technology Design from a perspective of sustainability, longevity, and energy efficiency Delve into BIM, including software for modeling lighting, acoustics, and more Interior designers work at the intersection of aesthetics, functionality, regulations, accessibility, sustainability, and technology. There's no one formula for getting it right, only an eye trained by experience, based on a mastery of design fundamentals. Interior Design Illustrated begins laying that foundation, guided by a leading global authority in the field. FULLY ILLUSTRATED, UPDATED GUIDE TO THE STRATEGIC DESIGN OF GREEN BUILDINGS In the tradition of Building Construction Illustrated, Francis D.K. Ching and Ian M. Shapiro offer a fully illustrated guide to the theory and practice of sustainable design. This guide provides architects, designers, and builders in the green design professional community a framework and detailed strategies for designing substantively green buildings. With a focus on sustainable sites, approaching and reaching net-zero energy, low and

zero-water usage, minimum-impact materials and superior indoor environmental quality, this guide explains why we need to build green, as well as green building theory and advancements in the industry. This Second Edition includes: All-new case studies featuring geographically diverse buildings with proven zero energy performance Expanded coverage of zero energy building design, as well as zero water and zero waste buildings Practical guidance for the schematic design of high-performance buildings, heating and hot water system selection, building envelope details, and integrating renewable energy Advanced strategies, such as the concept of shape efficiency, and the optimal location for stairwells in buildings Additional strategies for affordability in green design and construction Updated references to the latest codes and standards This Second Edition of Green Building Illustrated is an excellent resource for professionals, students and those interested in the design and construction of sustainable buildings. Offering a comprehensive introduction to interior design, this volume is unique in addressing the architectural context and functional requirements of interior spaces, as well as the details of furnishing and decoration. Francis D.K. Ching's integrated approach to the subject is reflected in the functional value and decorative beauty of the work itself, which is hand-lettered and richly illustrated by the author. THE CLASSIC ARCHITECTURAL REFERENCE, UPDATED WITH CONTEMPORARY EXAMPLES AND INTERACTIVE RESOURCES For more than forty years, the beautifully illustrated Architecture: Form, Space, and Order has served as the classic introduction to the basic vocabulary of architectural design. The updated and revised Fourth Edition features the fundamental elements of space and form and is designed to encourage critical thought in order to promote a more evocative understanding of architecture. Architecture: Form, Space, and Order distills complex concepts of design into a clear focus and brings difficult abstractions to life. The book explains form and space in relation to light, view, openings, and

enclosures and explores the organization of space, and the elements and relationships of circulation, as well as proportion and scale. In addition, the text's detailed illustrations demonstrate the concepts presented and reveal the relationships between fundamental elements of architecture through the ages and across cultures. This edition includes an access card with a redemption code for the online Interactive Resource Center, which features thirty-five animations, flashcards of key architectural terms, and an image gallery showcasing hundreds of photos that enrich the book's content. Comprehensive and up-to-date- the classic visual guide to the basics of building construction For twenty-five years, Building Construction Illustrated has offered an outstanding introduction to the principles of building construction. Now this Third Edition has been expertly revised and updated to address the latest advances in materials, building technology, and code requirements. Complete with more than 1,000 illustrations, the book moves through each of the key stages of the design process, from site selection to building components, mechanical systems, and finishes. Topics within each chapter are organized according to the CSI MasterFormat(TM), making the book extremely easy to use. Special features of this edition include integrated coverage of environmentally friendly materials, sustainable building construction strategies, and ADA requirements, as well as the inclusion of both metric and standard U.S. measurements throughout the book. With its clear presentation of the basic concepts underlying building construction, Building Construction Illustrated, Third Edition equips students and professionals in all areas of architecture and construction with useful guidelines for approaching virtually any new materials or techniques they may encounter in building planning, design, and construction. A superb visual reference to the principles of architecture Now including interactive CD-ROM! For more than thirty years, the beautifully illustrated Architecture: Form, Space, and Order has been the classic introduction to the

basic vocabulary of architectural design. The updated Third Edition features expanded sections on circulation, light, views, and site context, along with new considerations of environmental factors, building codes, and contemporary examples of form, space, and order. This classic visual reference helps both students and practicing architects understand the basic vocabulary of architectural design by examining how form and space are ordered in the built environment. Using his trademark meticulous drawing, Professor Ching shows the relationship between fundamental elements of architecture through the ages and across cultural boundaries. By looking at these seminal ideas, *Architecture: Form, Space, and Order* encourages the reader to look critically at the built environment and promotes a more evocative understanding of architecture. In addition to updates to content and many of the illustrations, this new edition includes a companion CD-ROM that brings the book's architectural concepts to life through three-dimensional models and animations created by Professor Ching. A new edition of Francis D.K. Ching's illustrated guide to structural design

Structures are an essential element of the building process, yet one of the most difficult concepts for architects to grasp. While structural engineers do the detailed consulting work for a project, architects should have enough knowledge of structural theory and analysis to design a building. *Building Structures Illustrated* takes a new approach to structural design, showing how structural systems of a building—such as an integrated assembly of elements with pattern, proportions, and scale—are related to the fundamental aspects of architectural design. The book features a one-stop guide to structural design in practice, a thorough treatment of structural design as part of the entire building process, and an overview of the historical development of architectural materials and structure. Illustrated throughout with Ching's signature line drawings, this new Second Edition is an ideal guide to structures for designers, builders, and students. Updated to

include new information on building code compliance, additional learning resources, and a new glossary of terms. Offers thorough coverage of formal and spatial composition, program fit, coordination with other building systems, code compliance, and much more. Beautifully illustrated by the renowned Francis D.K. Ching. *Building Structures Illustrated, Second Edition* is the ideal resource for students and professionals who want to make informed decisions on architectural design. A visual introduction to the fundamentals of the 2021 International Building Code. In *Building Codes Illustrated: The Basics*, architectural illustration expert Francis D.K. Ching and California architect and engineer Steven R. Winkel deliver a concise visual introduction to the 2021 International Building Code (IBC) distilled from the industry bestseller *Building Codes Illustrated*. With clear language and Frank Ching's distinctive illustrations, the book offers readers a sound understanding of the foundations of the IBC. The authors cover only the most relevant topics, and have designed this book to serve as a companion textbook for students taking introductory courses. *Building Codes Illustrated: The Basics* is also an essential study resource for the Codes and Regulations section of the Architect Registration Exam developed by NCARB. This book also provides: A solid understanding of the fundamentals of the 2021 International Building Code for students without a background in architecture or engineering. Intuitive and memorable study material for people seeking licensure via the Architect Registration Exam. Visually striking and memorable material designed to catch the reader's eye, hold attention, and improve retention. Perfect for undergraduate students in 2- to 4-year courses studying building codes and specifications, *Building Codes Illustrated: The Basics* is also ideal for early-career professionals in architecture, interior design, construction management, and engineering. Francis D. K. Ching's illustrated introduction to interior design is now completely revised and even more clear and

accessible than in the previous bestselling edition. His unique approach is more useful than ever, with a reformatted, larger trim size for easy reading and an all-new full color section! The book includes new and updated material on finishes, furnishings and textiles, lighting, sustainability, acoustics, workstations, and much more. Order your copy today! Francis D. K. Ching's illustrated introduction to interior design is now completely revised and even more clear and accessible than in the previous bestselling edition. His unique approach is more useful than ever, with a reformatted, larger trim size for easy reading and an all-new full color section! The book includes new and updated material on finishes, furnishings and textiles, lighting, sustainability, acoustics, workstations, and much more. Order your copy today! Praise for the First Edition "Because of its exceptionally wide perspective, even architectural historians who do not teach general survey courses are likely to enjoy and appreciate it." —Annali d'architettura "Not only does A Global History of Architecture own the territory (of world architecture), it pulls off this audacious task with panache, intelligence, and—for the most part—grace." —Journal of the Society of Architectural Historians Revised and updated—the compelling history of the world's great architectural achievements Organized along a global timeline, A Global History of Architecture, Second Edition has been updated and revised throughout to reflect current scholarship. Spanning from 3,500 b.c.e. to the present, this unique guide is written by an all-star team of architectural experts in their fields who emphasize the connections, contrasts, and influences of architectural movements throughout history. The architectural history of the world comes to life through a unified framework for interpreting and understanding architecture, supplemented by rich drawings from the renowned Frank Ching, as well as brilliant photographs. This new Second Edition: Delivers more coverage of non-Western areas, particularly Africa, South Asia, South East Asia, and Pre-Columbian America Is

completely re-designed with full-color illustrations throughout Incorporates additional drawings by Professor Ching, including new maps with more information and color Meets the requirements set by the National Architectural Accrediting Board (NAAB) for "non-Western" architecture in history education. Offers new connections to a companion Web site, including Google Earth™ coordinates for ease of finding sites. Architecture and art enthusiasts will find A Global History of Architecture, Second Edition perpetually at their fingertips. "For nearly three decades, Building Construction Illustrated has offered an outstanding introduction to the principles of building construction. This new edition provides the latest information in Francis D. K. Ching's signature style. Its rich and comprehensive approach clearly presents all of the basic concepts underlying building construction and equips readers with useful guidelines for approaching virtually any new materials or techniques they may encounter." "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 1,000 illustrations, the book moves through each of the key stages of the design process, from site selection to building components, mechanical systems, and finishes." "With its comprehensive and lucid presentation of everything from foundations and floor systems to finish work, Building Construction Illustrated, Fourth Edition equips students and professionals in all areas of architecture and construction with useful guidelines for approaching virtually any new materials or techniques they may encounter in building planning, design, and construction."--BOOK JACKET. The bestselling guide to architectural drawing, with new information, examples, and resources Architectural Graphics is the classic bestselling reference by one of the leading global authorities on architectural design drawing, Francis D.K. Ching. Now in its sixth edition, this essential guide offers a comprehensive introduction to using graphic tools and drafting conventions to translate



architectural ideas into effective visual presentations, using hundreds of the author's distinctive drawings to illustrate the topic effectively. This updated edition includes new information on orthographic projection in relation to 3D models, and revised explanations of line weights, scale and dimensioning, and perspective drawing to clarify some of the most difficult concepts. New examples of modern furniture, APA facilities, and presentation layout provide more up-to-date visuals, and the Reference Center features all new animations, videos, and practice exercises. Architectural graphics are key tools for conveying design through representation on paper or on screen, and this book is the ultimate guide to mastering the skill, then applying your talent to create more effective design communication. Understand multiview, paraline, and perspective drawing Master interior sections using a variety of techniques Render tonal value, enhance depth, and convey illumination Develop professional-quality layouts for presentations Architectural graphics both inform the design process and serve as the means by which a design is interpreted and built. Complete mastery of the tools and conventions is essential to the successful outcome of any project, and mistakes can cause confusion, time delays, increased costs, and possible catastrophe. Architectural Graphics is the comprehensive guide to professional architectural drawing, with insight from a leading authority in the field. Now more than ever, architects need an interpretive guide to understand how the building code affects the early design of specific projects. This easy-to-use, illustrative guide is part of a new series covering building codes based on the International Building Code for 2006. This book presents the complex code issues inherent to elementary and secondary school design in a clear, easily understandable format. An easy-to-use, updated illustrated guide to the 2012 edition of the International Building Code This unique reference to the 2012 International Building Code marries the graphic skills of bestselling author Frank Ching with the code expertise of Steven Winkel, FAIA.

It pulls out the portions of the building code that are most relevant for the architect and provides an easy-to-understand interpretation in both words and illustrations. Rather than a text-heavy book, this is much more conducive to quick comprehension of the code, presenting information in an exciting user-friendly visual format. Architectural Graphics focuses on the techniques, methodologies, and graphic tools used in conveying architectural ideas. The book takes a look at equipment and materials, architectural drafting, and architectural drawing conventions. Discussions focus on drawing pencils, technical drawing pens, set squares/templates, circle templates/compasses, line weight/line types, drafting technique, drawing circular elements, floor plan, doors and windows in plan, stairs, wall indications, plan grids, and site boundaries. The manuscript examines rendition of value and context and graphic symbols and lettering. Topics include tonal values, media and techniques, value/texture rendition, material rendition, shades and shadows, people, furniture, graphic representation symbols, and hand lettering. The text explores freehand drawing and architectural presentations, including freehand sketching, graphic diagraming, and sketching equipment. The publication is a valuable reference for architects interested in doing further studies in architectural graphics. THE CLASSIC GUIDE TO DRAWING FOR DESIGNERS, REVISED AND UPDATED TO INCLUDE CURRENT DIGITAL-DRAWING TECHNIQUES Hand drawing is an integral part of the design process and central to the architecture profession. An architect's precise interpretation and freedom of expression are captured through hand drawing, and it is perhaps the most fundamental skill that the designer must develop in order to communicate thoughts and ideas effectively. In his distinctive style, world-renowned author Francis D. K. Ching presents Design Drawing, Third Edition, the classic guide to hand drawing that clearly demonstrates how to use drawing as a practical tool for formulating and working through design problems. While digital tools

continue to evolve, this Third Edition includes new illustrations and information on the latest digital-drawing techniques. Design Drawing, Third Edition covers the basics of drawing, including line, shape, tone, and space. Guiding the reader step-by-step through the entire drawing process, this Third Edition also examines different types of drawing techniques such as multiview, paraline, and perspective drawings—and reveals how the application of these techniques creates remarkable results. In addition, Design Drawing, Third Edition:

- Features over 1,500 hand drawings—stunning illustrations in the author's signature style that reinforce the concepts and lessons of each chapter
- Offers new exercises and illustrative examples that range in complexity
- Presents all-new digital drawing topics, such as hybrid floor plans, digital models and fabrication, and hand-to-digital fluency
- Includes access to a new website featuring videos of the author demonstrating freehand techniques in a step-by-step manner in the studio and on location

Written and illustrated for professional architects, designers, fine artists, illustrators, instructors and students, Design Drawing, Third Edition is an all-in-one package and effective tool that clearly demonstrates drawing concepts and techniques in a visually stimulating format that outshines other works in the field. **THE BESTSELLING, FULLY ILLUSTRATED GUIDE TO THE 2018 INTERNATIONAL BUILDING CODE**

Uniquely marrying the graphic skills of bestselling author Francis D.K Ching with the code expertise of Steven Winkel, FAIA, the new sixth edition of Building Codes Illustrated is a clear, concise, and easy-to-use visual guide to the International Building Code (IBC) for 2018. Fully updated throughout, it highlights all of the changes to the code for quick reference and easy navigation. It pulls out the portions of the building code that are most relevant for the architect and provides an easy-to-understand interpretation in both words and illustrations. The first two chapters of Building Codes Illustrated: A Guide to Understanding the 2018 International Building Code, Sixth Edition give

background and context regarding the development, organization, and use of the IBC. The following sections cover such information as: use and occupancy; building heights and areas; types of construction; fire-resistive construction; interior finishes; means of egress; accessibility; energy efficiency; roof assemblies; structural provisions; special inspections and tests; soils and foundations; building materials and systems; and more. A complete, user-friendly guide to code-compliant projects Highlights all the significant changes in the 2018 IBC Uses clear language and Frank Ching's distinctive illustrations to demystify the 2018 International Build Code (IBC) text Provides students and professionals with a fundamental understanding of IBC development, interpretation, and application Building Codes Illustrated: A Guide to Understanding the 2018 International Building Code gives students and professionals in architecture, interior design, construction, and engineering a user-friendly, easy-to-use guide to the fundamentals of the 2018 IBC. "Drawing relies on a clear vision. It also requires thought which, in, turn, builds understanding. Drawing cannot be detached from seeing and thinking about the fundamental nature of the subject matter being represented. The knowledge and understanding gained through drawing from life directly enhances our ability to draw from the imagination. Just as thought can be put into words, ideas can be made visible in a drawing to promote visual thinking and further stimulate the imagination. Once what is seen or imagined is made visible in a drawing, the image takes on a life of its own and communicates graphically. However eloquently or crudely, all drawings, speak to the eye." From the Preface . Francis D.K. Ching "Bestselling reference by reknowned authors of architectural design. One-stop guide to structural design in practice, meant for every designer's desktop. Illustrated throughout with Ching's trademark drawing. Treatment of structural design as part of the entire building design process. Includes overview of the historicial development of

architectural materials and structures"-- Clever ideas fill this guide that explains and illustrates how to transform any home into a more functional, comfortable, and pleasing environment. Readers will learn how to improve existing space through use of light, color, door, and window modifications, wall rearrangements, and furnishings. Copyright © Libri GmbH. All rights reserved. Most architectural standards references contain thousands of pages of details, overwhelmingly more than architects need to know to know on any given day. The updated and revised edition of Architecture Reference & Specification contains vital information that's essential to planning and executing architectural projects of all shapes and sizes, all in a format that is small enough to carry anywhere. It distills the data provided in standard architectural volumes and is an easy-to-use reference for the most indispensable--and most requested--types of architectural information. An easy-to-use illustrated guide to building codes for residential structures As the construction industry moves to a single set of international building codes, architects and construction professionals need an interpretive guide to understand how the building code affects the early design of specific projects. This newest addition to Wiley's series of focused guides familiarizes code users with the 2009 International Residential Code® (IRC) as it applies to residential buildings. The book provides architects, engineers, and other related building professionals with an understanding of how the International Residential Code was developed, and how it is likely to be interpreted when applied to the design and construction of residential buildings. • User-friendly visual format that makes finding the information you need quick and easy • The book's organization follows the 2009 International Residential Code itself • Nearly 900 illustrations, by architectural illustrator Steven Juroszek in the style of noted illustrator and author Frank Ching, visualize and explain the codes • Text written by experienced experts who have been instrumental in gaining acceptance for the new unified building

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