

Residential Building Codes Illustrated A Guide To Understanding The 2009 International Residential Code

Provides an all-in-one guide to the most commonly cited code violations encountered by building inspectors.

Interior Detailing provides interior designers and architects with a unique collection of interior details and material information; connecting the realms of design technical detailing that are typically treated separately. The book, which includes 150 easy to understand details, shows how to logically think through the design and development of an assembly so it conforms to the designer's intent and meets practical requirements of good construction.

Spiral bound, with durable laminated pages, the 8th edition of Code Check Electrical is the perfect on-the-job resource for electricians, builders, remodelers, and building inspectors dealing with electrical work. Completely updated to the 2017 National Electrical Code and the 2015 International Residential Code, this reliable resource can help builders and re-modelers avoid the most common electrical code violations for every type of residential electrical system. Whether you are dealing with grounding, bonding, service panels, branch circuits, GFCIs and AFCIs, switches, receptables, photovoltaics, or other systems, the more than 100 tables and figures in this guide guarantee expert, reliable guidance every step of the way. Easy to access and easy to use, Code Check Electrical will ensure that all jobs meet the highest safety standards while drastically reducing code violation call-backs.

An easy-to-use visual guide to the 2015 International Building Code® Thoroughly revised to reflect the International Code Council's 2015 International Building Code®, this full-color guide makes it easy to understand and apply complex IBC® provisions and achieve compliance. With an emphasis on structural and fire- and life-safety requirements, this practical resource has been designed to save time and money. The 2015 International Building Code® Illustrated Handbook provides all the information you need to get construction jobs done right, on time, and up to the requirements of the 2015 IBC®. Access to a suite of online bonus features is included with the book. Achieve Full Compliance with the 2015 IBC®: Scope and Administration Definitions Use and Occupancy Classification Special Detailed Requirements Based on Use and Occupancy General Building Heights and Areas Types of Construction Fire and Smoke Protection Features Interior Finishes Fire Protection Systems Means of Egress Accessibility Interior Environment Exterior Walls Roof Assemblies and Rooftop Structures Structural Design Structural Tests and Special Inspections Soils and Foundations Concrete Masonry Steel Wood Glass and Glazing Gypsum Board and Plaster Plastic Plumbing Elevators and Conveying Systems Special Construction Encroachments in the Public Right-of-Way Safeguards During Construction Appendices

Code Check Electrical

2021 International Building Code® Illustrated Handbook

I'll Get That Job!

An Illustrated Guide to the Building Codes

Based on the 2021 International Residential Code

Concept to Construction

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 an 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 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 code. The remaining chapters 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; 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 and 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 the fundamentals of the 2018 IBC.

Emphasizes life-safety principles underlying building codes. Using clear language and helpful diagrams, this 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 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.

The bestselling step-by-step framing guide—updated and expanded to meet 2018 codes and standards Complete Book of Framing, Second Edition—Updated and Expanded is a comprehensive guide to rough carpentry and framing, written by an expert with over 40 years of experience. This guide leads the reader through step-by-step framing instructions for floors, walls, roofs, door and window openings, and stairs. Hundreds of full-color illustrations and photos enable novice and professional framers to understand and master framing techniques.

Includes the framing techniques of the 2018 International Building Code (IBC), International Residential Code (IRC), and updated OSHA rules. It also includes new coverage of today's electric tools, wind and earthquake framing, medical and physiological factors. Builders will find information on nailing patterns, overall layout, engineered wood patterns, and green framing. In addition, the book offers readers tools and techniques for preparing for a job and managing a team. This Second Edition—Updated and Expanded: depicting step-by-step framing techniques Offers guidance on today's electric tools and structural enhancements for natural disasters Features a revised chapter on safety to reflect the medical and physiological factors of framing Meets the framing techniques of the 2018 International Building Code (IBC), International Residential Code (IRC), and Occupational Safety and Health Administration (OSHA) standards Complete Book of Framing: An Illustrated Guide for Residential Construction, Second Edition—Updated and Expanded is an excellent resource for framing professionals at all experience levels. Framer-friendly tips throughout the book show how to complete framing tasks efficiently and effectively.

"Green Building Illustrated is a must-read for students and professionals in the building industry. The combination of incredibly expressive illustrations and accessible technical writing make concepts of green building on paper as intuitive as they would be if you were on-site." —Rick Fedrizzi, President, CEO, and Founding Chair of the U.S. Green Building Council "The authors of Green Building Illustrated deliver clear and intelligent text, augmented by straightforward but compelling illustrations describing green building basics. The book covers everything from the definition of green building, to details of high performance design, to sensible applications of renewable energy. This is a book with appeal for all architects and designers, because it addresses general principles such as holistic and integrated design, affordability and energy codes. Green Building Illustrated describes a pathway for reaching Architecture 2030's carbon emission reduction targets for the built environment."—Ed Mazria, founder of Architecture 2030 "...a neophyte will have a very good overview of green building. I see some excellent pedagogy at work!" — Jim Gunshinan, Editor, Home Energy Magazine Francis D.K. Ching brings his signature graphic style to the topic of sustainable design in the tradition of the classic Building Construction Illustrated, Francis D. Ching's graphical presentation to the theory, practices, and complexities of sustainable design using an approach that proceeds methodically. From the outside to the inside of a building, they cover all aspects of sustainability, providing a framework and detailed strategies for building substantively green. The book begins with an explanation of why we need to build green, the theories behind it and current rating systems before moving on to a comprehensive discussion of vital topics. These topics include site selection, passive design using natural light and air quality, heating and cooling, minimum-impact materials, and much more. Explains the fundamental issues of sustainable design and construction in a beautifully illustrated format Illustrated by legendary author, architect, and draftsman Francis D.K. Ching and researcher Ian M. Shapiro Ideal for architects, engineers, and builders, as well as students in these fields Sure to be the standard reference on the subject for students, professionals, and anyone interested in sustainable design and construction of buildings and building systems practical, and graphically beautiful resource.

2010 ADA Standards for Accessible Design

Deck Construction

Green Building Illustrated

Code Check Complete

Power and Survival in Moscow

An Illustrated Guide to Building a Safe House

An introduction to a broad range of topics in deep learning, covering mathematical and conceptual background, deep learning techniques used in industry, and research perspectives. "Written by three experts in the field, Deep Learning is the only comprehensive book on the subject. The authors, cofounder and CEO of Tesla and SpaceX Deep learning is a form of machine learning that enables computers to learn from experience and understand the world in terms of a hierarchy of concepts. Because the computer gathers knowledge from experience, there is no need for a human to specify all the knowledge that the computer needs. The hierarchy of concepts allows the computer to learn complicated concepts by building them out of simpler ones: a graph of these hierarchies would be many layers deep. This book introduces a broad range of topics in deep learning, including conceptual background, covering relevant concepts in linear algebra, probability theory and information theory, numerical computation, and machine learning. It describes deep learning techniques used by practitioners in industry, including deep feedforward networks, regularization, convolutional networks, sequence modeling, and practical methodology; and it surveys such applications as natural language processing, speech recognition, computer vision, online recommendation systems, bioinformatics, and videogames. Finally, the book offers research perspectives on the future of the field. Deep Learning is a practical and comprehensive guide to deep learning engineers who want to begin using deep learning in their products or platforms. A website offers supplementary material for both readers and instructors.

This second edition of Deck Construction is the most comprehensive publication available for deck code compliance. International Residential Code® (IRC®) provisions for decks from the 2021 edition are reprinted, including tables and figures, alongside unique discussion, commentary, and illustrations to help readers better understand the intent and purpose behind the code provisions. 2018 IRC Provisions have been included where different from 2021.Decks are niche construction projects, as such, all those involved in deck projects will find it beneficial to learn from this book focused on deck design, designers, homebuilders, plan reviewers, inspectors, manufacturers and others wanting a deeper understanding of the most current minimum standards of deck construction can now easily access and learn those provisions in an easy-to-follow and well-organized format. This publication is designed to easily access more specific information about decks and how their prescriptive designs and mandatory minimum requirements can be different from other structures. Being focused on the 2021 edition of the IRC, the latest construction options are made available while still allowing for reference to the most jurisdictions.Much more than a basic "how to" guide for deck building, this valuable guide for deck code compliance will benefit those already familiar with deck construction as well as those who may be new to deck construction or administration.Features:Detailed discussion of deck safety glazing requirements, and more2021 IRC provisions reprinted with tables, figures and insightful commentary2018 IRC Provisions reprinted where different from 2021 editionPhotos and illustrations to explain application

Designed for quick, on-site use, this newly updated reference lists the current code requirements for heating, ventilation, and air-conditioning systems, and is cross-referenced to the current Uniform Mechanical Code and the International Residential Code. Outlining the principles of mechanical systems, all jobs meet the most stringent safety standards while reducing code violation callbacks. Endorsed by the International Conference of Building Officials (ICBO), this guide is spiral-bound with laminated pages for durability and ease of use.

Modern Residential Construction Practices provides easy-to-read, comprehensive and highly illustrated coverage of residential building construction practices that conform to industry standards in the United States and Canada. Each chapter provides complete descriptions, real-world, three-dimensional (3D) illustrations, and related tests and problems. Chapters cover practices related to every construction phase including: planning, funding, permitting, codes, inspections, site planning, excavation, foundations and flatwork, floors, walls, roofs, finish work and cabinet installation, and conditioning (HVAC): electrical, and plumbing. The book is organized in a format that is consistent with the process used to take residential construction projects from preliminary concept through all phases of residential building construction. An ideal textbook for secondary and tertiary education, this book is packed with useful features such as problems that challenge students to identify materials and practices, along with research and document information about construction materials and practices, useful summaries, key notes, a detailed glossary, and online materials for further study.

Complete Book of Framing

Building Codes Illustrated

Building Structures Illustrated

Runescape: The First 20 Years--An Illustrated History

Clean Code

2018 International Plumbing Code Turbo Tabs

An organized, structured approach to the 2018 INTERNATIONAL PLUMBING CODE Soft Cover, these TURBO TABS will help you target the specific information you need, when you need it. Packaged as

pre-printed, full-page inserts that categorize the IPC into its most frequently referenced sections, the tabs are both handy and easy to use. They were created by leading industry experts

who set out to develop a tool that would prove valuable to users in or entering 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 healthcare facility design in a clear, easily understandable format.

Building Codes IllustratedA Guide to Understanding the 2018 International Building CodeJohn Wiley & Sons

"The book provides a 28-step process that is organized according to the three phases of architectural design: schematic design, design development, and construction documents"--

Residential Building Codes Illustrated

A Guide to Understanding the 2006 International Building Code

Code Check

Interior Detailing

Illustrated Guide to the International Plumbing & Fuel Gas Codes

This publication may be viewed or downloaded from the ADA website (www.ADA.gov).

Maybe you're a recent college graduate, looking for a successful start to your career. Or an experienced professional, feeling the need to try something new. Either way, a whole host of opportunities await you-but if you really hope to ace that interview and get the job you want, you'll need the right skills to get ahead. So when you're navigating the complex twists and turns of today's changing job market, let I'll Get That Job! serve as your road map and guide. Featuring advice from real HR professionals, headhunters, and team managers, this essential job-hunting companion will let you know exactly what you need to do to increase your chances, from social media presence to writing a great CV. While shedding light on the many myths and outdated "rules" that may actually bog you down in today's job-seeking experience, I'll Get That Job! serves as a source of motivation and encouragement for modern job hunters. After all, with hard work and the right mind-set, it really is possible for you to get that job you've always wanted-and become the most successful version of yourself along the way!

Offers the latest regulations on designing and installing commercial and residential buildings.

Code Check Building: An Illustrated Guide to the Building Codes, 4th Edition, emphasizes the key safety principles underlying building codes throughout the United States. Using clear language to ensure compliance with codes at each stage of construction, this edition reflects the most up-to-date changes in the 2015 International Residential Code. Tables and illustrations help to clarify the complex rules and numerous changes in the latest edition of the codes. Specific code change are highlighted throughout the text and summarized at the end of the book. The Code Check series is one of Taunton's most successful book lines, selling over 1,100,000 copies. Spiral bound, with durable laminated pages, the books in this series are designed to be used on-site for quick reference, ensuring that all jobs meet the highest safety standards while drastically reducing code violation call-backs. The Code Check series is endorsed by the International Code Council (ICC).

Modern Residential Construction Practices

European Building Construction Illustrated

A Field Guide to Heating and Cooling

A Guide to Understanding the 2009 International Residential Code

An Illustrated Guide to Wiring a Safe House

A Guide to Understanding the 2018 International Building Code

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 code This book is an essential companion to the IRC for both emerging practitioners and experienced practitioners needing to understand the new IRC.

The official book on the Rust programming language, written by the Rust development team at the Mozilla Foundation, fully updated for Rust 2018. The Rust Programming Language is the official book on Rust: an open source systems programming language that helps you write faster, more reliable software. Rust offers control over low-level details (such as memory usage) in combination with high-level ergonomics, eliminating the hassle traditionally associated with low-level languages. The authors of The Rust Programming Language, members of the Rust Core Team, share their knowledge and experience to show you how to take full advantage of Rust's features—from installation to creating robust and scalable programs. You'll begin with basics like creating functions, choosing data types, and binding variables and then move on to more advanced concepts, such as: • Ownership and borrowing, lifetimes, and traits • Using Rust's memory safety guarantees to build fast, safe programs • Testing, error handling, and effective refactoring • Generics, smart pointers, multithreading, trait objects, and advanced pattern matching • Using Cargo, Rust's built-in package manager, to build, test, and document your code and manage dependencies • How best to use Rust's advanced compiler with compiler-led programming techniques You'll find plenty of code examples throughout the book, as well as three chapters dedicated to building complete projects to test your learning: a number guessing game, a Rust implementation of a command line tool, and a multithreaded server. New to this edition: An extended section on Rust macros, an expanded chapter on modules, and appendixes on Rust development tools and editions.

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 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

Deep Learning

Interior Design Illustrated

A Guide to Understanding the 2015 International Building Code

Building Codes Illustrated for Healthcare Facilities

Code Check HVAC

International Building Code 2018

Dive into the history and application of the IBC Building Codes Illustrated: A Guide to the 2015 International Building Code, Fifth Edition is a bestselling complement to the International Building Code, or IBC. Designed to give you an insider's look at the origins of the IBC, how it can be interpreted, and how it applies to design and construction, this updated text offers new information regarding hazmat occupancies, hospitals, and nursing homes, major changes to how building heights and areas are presented, as well as means of egress, and the latest information on building materials, interior environments, and structural provisions. Francis D.K. Ching's distinctive illustrations and the code expertise of Steven Winkel, FAIA, give students and professionals in architecture, interior design, construction, and engineering industries a user-friendly, easy-to-use guide to fundamentally understanding the 2015 IBC. Building codes and standards serve to establish minimum regulations that emphasize performance while prioritizing public health and safety. Updated every three years, the IBC is the most important reference that you can leverage throughout your career in architecture, design, or engineering. The IBC is a national 'model building code' which is adopted in some form by most building permit jurisdictions across the nation and in several foreign countries. Access the updated regulations reflected in the 2015 IBC Explore how the IBC was developed, and why it is an

important component of so many industries Identify the areas of the IBC that have undergone the most change, such as the presentation of building heights and areas, along with changes to means of egress provisions Easily navigate and digest the information with full illustrations Building Codes Illustrated: A Guide to the 2015 International Building Code, Fifth Edition is a practical, fully illustrated reference that guides you through the latest in building code regulations.

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.

Packed with plumbing isometrics and helpful illustrations, this guide makes clear the code requirements for installing materials for plumbing and gas systems. Includes code tables for pipe sizing and fixture units, and code requirements for just about all areas of plumbing, from water supply and vents to sanitary drainage systems. Covers the principles and terminology of the code, how the various systems work and are regulated, and code-compliance issues you'll likely encounter on the job.

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. 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 Archetypal drawings offer clear inspiration for designers and drafters Reflects the most current building codes and CSI Master Format numbering scheme 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.

2015 International Building Code Illustrated Handbook

Rules of Thumb for Preliminary Design

Stalin's Architect

The Architect's Studio Companion

2018 International Building Code Illustrated Handbook

The Rust Programming Language (Covers Rust 2018)

A full-colour hardcover companion tome that offers a look behind the scenes as the iconic online fantasy RPG celebrates its 20th birthday! In 2001, RuneScape transformed the world of MMORPGs with a magical world that was free-to-play in your browser. Assuming any number of fantasy roles, players carved their own adventures in a fantasy land filled with vibrant characters, daring adventure and mystery. In an industry where success can often be short lived, RuneScape has defied the odds by not just surviving, but thriving over an incredible two decades. Now you can get an insider's look at the tremendous talent and enormous effort that went into creating the land of Gielinor and the magical races who inhabit it. Jagex and Dark Horse present a guide to the history of the RuneScape franchise, exploring the detailed tapestry of RuneScape and Old School RuneScape through exciting and exclusive art and behind the scenes interviews!

The classic visual guide to the basics of building construction, now with the most current information For nearly 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 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. 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 Archetypal drawings offer clear inspiration for designers and drafters Reflects the most current building codes and CSI Master Format numbering scheme 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.

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.

A guide to understanding the International Building Code that uses detailed diagrams to explain the criteria for code development and the reasons for code provisions.

Illustrated 2000: Building Code Handbook

A Guide to Understanding the 2009 International Building Code

An Illustrated Guide to the Building, Plumbing, Mechanical, and Electrical Codes

An Illustrated Guide for Residential Construction

Step-by-Step Guidance for Design and Building Professionals

INTERNATIONAL BUILDING CODE

***The first book to reference the new International Building Code, making it a definitive resource for all practicing architects and engineers *The only illustrated code book in existence--dimensioned line drawings help designers and builders visualize code requirements quickly and easily, speeding along the building process *Points out differences between the newly integrated universal building code and the old Uniform, Southern, and National Building Codes**

The story of Boris Iofan—designer of the iconic but unbuilt Palace of the Soviets—whose buildings came to define the language of Soviet architecture. What would an architect do for the chance to build the tallest building in the world? What would he sacrifice to stay alive in the midst of Stalin's murderous purges? This is the first major publication on the remarkable life and career of Boris Iofan (1891-1976), state architect to Joseph Stalin. Iofan's story is an insight into the troubled relationship of all successful architects with power. A gifted designer and a committed Communist, Iofan became the Soviet Union's most celebrated architect after Alexei Rykov, Lenin's successor, persuaded him to return to Moscow from Rome with his aristocratic wife, Olga Sasso-Ruffo. Iofan was at the heart of political life in the Soviet Union and his work is key to understanding its official culture. When Stalin's henchmen crushed the architectural avant-garde, it was Iofan who created the new national style, from the grand projects he realized—including the House on the Embankment, a megastructure of 505 homes for the Soviet elite—to even more ambitious unbuilt projects, in particular the Palace of the Soviets, a baroque Stalinist dream whose image was reproduced throughout the Soviet Union. His career took him to New York and Paris, and to the destroyed city of Stalingrad. He was a friend of Frank Lloyd Wright; a rival of Le Corbusier, Walter Gropius, and Erich Mendelsohn; and an enemy of Hitler's architect Albert Speer, whose Nazi pavilion faced Iofan's Soviet one at the Paris Expo in 1937. He kept silent when Stalin executed his friends, including Rykov; he also sacrificed his own talent by following the dictator's instructions to the letter in creating the regime's landmarks. Generously illustrated, with a wide range of previously unpublished material, this book is an exploration of architecture as an instrument of statecraft. It is an insight into the key moments of 20th-century politics and culture from a unique perspective, and the personal story of a remarkable individual who witnessed many of the most dramatic turning points of modern history.

Looks at the principles and clean code, includes case studies showcasing the practices of writing clean code, and contains a list of heuristics and "smells" accumulated from the process of writing clean code.

A comprehensive visual companion to the International Building Code®—2018 edition Thoroughly updated to address the provisions of the ICC's 2018 International Building Code®, this fully-illustrated guide makes it easy to understand and apply the most critical code provisions. Covering both fire- and life-safety and structural provisions, this practical resource contains hundreds of user-friendly diagrams designed to clarify the application and intent of the IBC. The 2018 International Building Code® Illustrated Handbook provides all the information needed to get construction jobs done right and achieve compliance. An invaluable companion to the 2018 IBC, it is a must-have resource for building officials, architects, engineers, contractors and all building construction professionals. Get complete application details on: •Scope and Administration •Definitions •Use and Occupancy Classification •Special Detailed Requirements Based on Use and Occupancy •General Building Heights and Areas •Types of Construction •Fire and Smoke Protection Features •Interior Finishes •Fire Protection Systems •Means of Egress •Accessibility •Interior Environment •Exterior Walls •Roof Assemblies and Rooftop Structures •Structural Design •Special Inspections and tests •Soils and Foundations •Concrete •Masonry •Steel •Wood •Glass and Glazing •Gypsum Board and Plaster •Plastic •Plumbing •Elevators and Conveying Systems •Special Construction •Encroachments in the Public Right-of-Way •Safeguards During Construction

Patterns, Systems, and Design

A Real Guide from Real Experts on Getting the Job You Want!

Building Construction Illustrated

Code Check Building

Applying the Building Code

A Handbook of Agile Software Craftsmanship

A comprehensive visual guide to the 2021 International Building Code®—fully updated for the latest regulations Thoroughly revised to reflect the International Code Council's 2021 International Building Code®, this full-color guide makes it easy to understand and apply complex IBC® provisions and achieve compliance. With an emphasis on structural and fire- and life-safety requirements, including building classification and means of egress regulations, this practical resource contains hundreds of user-friendly diagrams that clarify the application and intent of the IBC®. Designed to save you time and money, the 2021 International Building Code® Illustrated Handbook provides all the information you need to get construction jobs done right, on time, and up to the requirements of the 2021 IBC®. Coverage includes the 2021 IBC®: Scope and Administration Definitions Occupancy Classification and Use Special Detailed Requirements Based on Occupancy and Use General Building Heights and Areas Types of Construction Fire and Smoke Protection Features Interior Finishes Fire Protection and Life-Safety Systems Means of Egress Accessibility Interior Environment Exterior Walls Roof Assemblies and Rooftop Structures Structural Design Special Inspections and Tests Soils and Foundations Concrete Aluminum Masonry Steel Wood Glass and Glazing Gypsum Board, Gypsum Panel Products, and Plaster Plastic Electrical Plumbing Systems Elevators and Conveying Systems Special Construction Encroachments in the Public Right-of-Way Safeguards During Construction Appendices A through O

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