

Architecture Form Space Order

Architectural Detailing Green Building Illustrated Metric Handbook Architecture Form & Space in Japanese Architecture 101 Things I Learned in Architecture School Architecture Form/Space and the Language of Architecture A Visual Dictionary of Architecture Elements of Architecture Delirious New York Analysing Architecture Drawing Compositions in Architecture Architect? Launching the Imagination Walter Gropius Architecture Building Codes Illustrated Mark Z. Danielewski's House of Leaves Time-Saver Standards for Interior Design and Space Planning, Second Edition Drawing Architecture, Form, Space & Order Conditional Design The Theory of Architecture Architecture How Buildings Learn Introduction to Architecture Space Planning Basics The Eyes of the Skin Architecture The Dynamics of Architectural Form Interior Design Illustrated Architectural Graphics Architecture and Order Architecture, Form, Space & Order Order in Space and Society Design Drawing Building Construction Illustrated Building Structures Illustrated

Architectural Detailing

Since its original publication in 1978, *Delirious New York* has attained mythic status. Back in print in a newly designed edition, this influential cultural, architectural, and social history of New York is even more popular, selling out its first printing on publication. Rem Koolhaas's celebration and analysis of New York depicts the city as a metaphor for the incredible variety of human behavior. At the end of the nineteenth century, population, information, and technology explosions made Manhattan a laboratory for the invention and testing of a metropolitan lifestyle -- "the culture of congestion" -- and its architecture. "Manhattan," he writes, "is the 20th century's Rosetta Stone . . . occupied by architectural mutations (Central Park, the Skyscraper), utopian fragments (Rockefeller Center, the U.N. Building), and irrational phenomena (Radio City Music Hall)." Koolhaas interprets and reinterprets the dynamic relationship between architecture and culture in a number of telling episodes of New York's history, including the imposition of the Manhattan grid, the creation of Coney Island, and the development of the skyscraper. *Delirious New York* is also packed with intriguing and fun facts and illustrated with witty watercolors and quirky archival drawings, photographs, postcards, and maps. The spirit of this visionary investigation of Manhattan equals the energy of the city itself.

Green Building Illustrated

The revered architectural reference, updated with contemporary examples and interactive 3D models The Interactive Resource Center is an online learning environment where instructors and students can access the tools they need to make efficient use of their time, while reinforcing and assessing their understanding of key concepts for successful understanding of the course. An access card with redemption code for the online Interactive Resource Center is included with all new, print copies or can be purchased separately. (**If you rent or purchase a used book with an access code, the access code may have been redeemed previously and you may have to purchase a new access code-ISBN: 9781118986837). The online Interactive Resource Center contains resources tied to the book, such as: Interactive Animations highlighting key concepts Photo Gallery of architectural precedents illustrated in the book Flashcards for focused learning *Architecture: Form, Space, and Order, Fourth Edition* is the classic introduction to the basic vocabulary of architectural design, updated with new information on emerging trends and recent developments. This bestselling visual reference

helps both students and professionals understand the vocabulary of architectural design by examining how space and form are ordered in the environment. Essential and timeless, the fundamental elements of space and form still present a challenge to those who crave a deeper understanding. Taking a critical look at the evolution of spaces, Architecture distills complex concepts of design into a clear focus that inspires, bringing difficult abstractions to life. The book is illustrated throughout to demonstrate the concepts presented, and show the relationships between fundamental elements of architecture through the ages and across cultures. Topics include: Primary elements and the principles of space design Form and space, including light, view, openings, and enclosures Organization of space, and the elements and relationships of circulation Proportion and scale, including proportioning systems and anthropometry

Metric Handbook

Focusing on the creative and inventive significance of drawing for architecture, this book is an established classic. Readers are provided with perceptive insights at every turn. The book features some of the greatest and most intriguing drawings by architects, ranging from Frank Lloyd Wright, Heath-Robinson, Le Corbusier, and Otto Wagner to Frank Gehry, Zaha Hadid, Coop Himmelblau, Arata Isozaki, Eric Owen Moss, Bernard Tschumi, and Lebbeus Woods as well as key works by Cook and other members of the original Archigram group. This new edition provides a substantial new chapter that charts the speed at which the trajectory of drawing is moving. It reflects the increasing sophistication of available software and also the ways in which hand drawing and the digital are being eclipsed by new hybrids, injecting a new momentum to drawing. These crossovers provide a whole new territory as attempts are made to release drawing from the boundaries of a solitary moment, a single-viewing position, or a single referential language. Featuring Toyo Ito, Perry Culper, Izaskun Chinchilla, Kenny Tsui, Ali Rahim, John Berglund, and Lorene Faure, it leads to fascinating insights into the effect that medium has upon intention and definition of an idea or a place.

Architecture

"This major new collection introduces architecture to the beginning student or anyone who wants to learn about the built environment"--

Form & Space in Japanese Architecture

Interprets form as the architect's basic tool, analyzes a wide range of models, and examines each model's specific application in history, demonstrating the timelessness of basic architectural elements and principles

101 Things I Learned in Architecture School

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.

Architecture

This internationally significant book analyzes architectural elements, drawing general principles from the prevailing pluralism of architectural approaches. Von Meiss expertly bridges the gap between history and contemporary work by pinpointing the constant factors that exist in all architecture. A comprehensive analysis of the whole architectural phenomenon, this valuable book will prove especially useful to modern practitioners who need to make constant reference to buildings of the past. Staying away from the ineffectual arguments on styles that dominate today's architectural literature, this is the first recent book to attempt such a synthesis of architectural history and contemporary work. As such, it is unique.

Form/Space and the Language of Architecture

A family relocates to a small house on Ash Tree Lane and discovers that the inside of their new home seems to be without boundaries

A Visual Dictionary of Architecture

Space planning involves much more than sketching a preliminary floor plan. A designer must take a client's programming needs into account and must also consider how other factors such as building codes and environmental factors affect a spatial composition. Space Planning Basics, now in its Third Edition, offers a highly visual, step-by-step approach to developing preliminary floor plans for commercial spaces. The book provides tools for visualizing space and walks the designer through other considerations such as building code requirements and environmental control needs. Specific programming techniques covered include matrices, bubble diagrams, CAD templates, block plans, and more. New to this edition are coverage of the basics of stair design, an essential aspect for planning spaces.

Elements of Architecture

Revision of: Launching the imagination. Two-dimensional design. ©2002.

Delirious New York

This book enables the reader to connect architectural theory with the design process. And by relating what happens in the design studio with how the architect thinks about architectural composition, the approach spurs creative thinking.

Analysing Architecture

The industry-standard guide to designing well-performing buildings Architectural Detailing systematically describes the principles by which good architectural details are designed. Principles are explained in brief, and backed by extensive illustrations that show you how to design details that will not leak water or air, will control the flow of heat and water vapor, will adjust to all kinds of movement, and will be easy to construct. This new third edition has been updated to conform to International Building Code 2012, and incorporates current knowledge about new material and construction technology. Sustainable design issues are integrated where relevant, and the discussion includes reviews of recent built works that extract underlying principles that can be the basis for new patterns or the alteration and addition to existing patterns. Regulatory topics are primarily focused on the US, but touch on other jurisdictions and geographic settings to give you a well-rounded perspective of the art and

science of architectural detailing. In guiding a design from idea to reality, architects design a set of details that show how a structure will be put together. Good details are correct, complete, and provide accurate information to a wide variety of users. By demonstrating the use of detail patterns, this book teaches you how to design a building that will perform as well as you intend. Integrate appropriate detailing into your designs Learn the latest in materials, assemblies, and construction methods Incorporate sustainable design principles and current building codes Design buildings that perform well, age gracefully, and look great Architects understand that aesthetics are only a small fraction of good design, and that stability and functionality require a deep understanding of how things come together. Architectural Detailing helps you bring it all together with a well fleshed-out design that communicates accurately at all levels of the construction process.

Drawing

As founder of the Bauhaus school, Walter Gropius (1883–1969) is one of the icons of 20th century architecture. While his early buildings in Pomerania were still strongly marked by his teacher Peter Behrens, after an expressionistic phase focused on handicraft, he ultimately arrived at geometric abstraction. During the entire period he collaborated with other architects, founding the collective known as "The Architects Collaborative" in the US. The comprehensive monograph documents all 74 of the known buildings by Gropius that were realized, including many early works which he never publicized; but it also critically examines his unbuilt projects. The book is illustrated with new photographs by the author, historical figures, and with as new plans drawn by the author.

Compositions in Architecture

The "Silver Bible" -- thoroughly revised, updated and redesigned Interior designers, architects, and other design professionals can still turn to the field's beloved "Silver Bible" for a wealth of information related to the design and planning of residential and commercial interiors. But now, Time-Saver Standards for Interior Design and Space Planning, Second Edition goes even further to truly make the classic interior design reference the standard in its field. From standard furniture dimensions to architectural woodwork details, you'll find a vast array of time-saving data and details. Editors Joseph DeChiara, Julius Panero, and Martin Zelnik have brought together contributions from well-known architectural and interior design firms to give you details derived from actual designs and working drawings, showing various solutions for typical design problems encountered in interior architecture. You get a wide range of typical layouts and residential spaces, offices, conference rooms, and reception areas, in addition to details of bars, restaurants, and public toilets. This exciting new edition includes new international examples and metrification – and provides you with full coverage of healthcare spaces, educational spaces; home offices; videoconferencing spaces; green design; project forms and schedules. Two outstanding sections cover historic styles and woodworking.

Architect?

Rudolf Arnheim has been known, since the publication of his groundbreaking Art and Visual Perception in 1974, as an authority on the psychological interpretation of the visual arts. Two anniversary volumes celebrate the landmark anniversaries of his works in 2009. In The Power of the Center, Arnheim uses a wealth of examples to consider the factors that determine the overall organization of visual form in works of painting, sculpture, and architecture. The

Dynamics of Architectural Form explores the unexpected perceptual consequences of architecture with Arnheim's customary clarity and precision.

Launching the Imagination

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.

Walter Gropius

First published in 1996, The Eyes of the Skin has become a classic of architectural theory. It asks the far-reaching question why, when there are five senses, has one single sense – sight – become so predominant in architectural culture and design? With the ascendancy of the digital and the all-pervasive use of the image electronically, it is a subject that has become all the more pressing and topical since the first edition's publication in the mid-1990s. Juhani Pallasmaa argues that the suppression of the other four sensory realms has led to the overall impoverishment of our built environment, often diminishing the emphasis on the spatial experience of a building and architecture's ability to inspire, engage and be wholly life enhancing. For every student studying Pallasmaa's classic text for the first time, The Eyes of the Skin is a revelation. It compellingly provides a totally fresh insight into architectural culture. This third edition meets readers' desire for a further understanding of the context of Pallasmaa's thinking by providing a new essay by architectural author and educator Peter MacKeith. This text combines both a biographical portrait of Pallasmaa and an outline of his architectural thinking, its origins and its relationship to the wider context of Nordic and European thought, past and present. The focus of the essay is on the fundamental humanity, insight and sensitivity of Pallasmaa's approach to architecture, bringing him closer to the reader. This is illustrated by Pallasmaa's sketches and photographs of his own work. The new edition also provides a foreword by the internationally renowned architect Steven Holl and a revised introduction by Pallasmaa himself.

Architecture

Architect? addresses issues and concerns of relevance to students choosing among different types of programme, schools, firms and architectural career paths, and explores both the up-side and the down-side to the profession.

Building Codes Illustrated

Mark Z. Danielewski's House of Leaves

This groundbreaking book, first published in the 1950's & long out-of-print, has been greatly expanded with more than 100 new photographs superbly printed from all new laser-scanned plates. Not a historical survey, the book illuminates principles underlying traditional Japanese architecture's elegant forms & lyrical spaces with examples from renowned palaces to obscure temples --documented during Carver's years in Japan. Reviewing the first edition of **FORM & SPACE IN JAPANESE ARCHITECTURE**, critics wrote, "Carver teaches through his camera how to see Japanese architecture from an angle quite new & differenthe shows the oldest is akin to the newest"; "his fresh sense makes even we Japanese find new ways of looking at Japanese architecture which has escaped most people --there is almost no other book of its kind." Architect Walter Gropius called it "outstanding, particularly as a stimulation for the contemporary architectan extraordinary collection of photographsof all the books it has the best understanding of what I believe to be Japanese architecture." Norman Carver, Jr. also produces the acclaimed series on world vernacular architecture, including **ITALIAN HILLTOWNS**, **IBERIAN VILLAGES**, **SILENT CITIES OF MEXICO & THE MAYA**, **NORTH AFRICAN VILLAGES**, & **JAPANESE FOLKHOUSES**. Orderline (800) 542-2772.

Time-Saver Standards for Interior Design and Space Planning, Second Edition

"For more than thirty years, the 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."--BOOK JACKET.

Drawing

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.

Architecture, Form, Space & Order

The Theory of Architecture Concepts, Themes & Practices Paul-Alan Johnson Although it has long been thought that theory directs architectural practice, no one has explained precisely how the connection between theory and practice is supposed to work. This guide asserts that architectural theory does not direct practice, but is itself a form of reflective practice. Paul-Alan Johnson cuts through the jargon and mystery of architectural theory to clarify how it relates to actual applications in the field. He also reveals the connections between new and old ideas to enhance the reader's powers of critical evaluation. Nearly 100 major concepts, themes, and practices of architecture--as well as the rhetoric of architects and designers--are presented in an easily accessible format. Throughout, Johnson attempts to reduce each architectural notion into its essential concept. By doing so, he makes theory accessible for everyday professional discussion. Topics are arranged under ten headings: identification, definition, power, attitudes, ethics, order, authority, governance, relationship, and expression. Areas covered under these headings include:

- * Utopic thought in theories of architecture
- * Advocacy and citizen participation in architecture
- * The basis of architectural quality and excellence
- * The roles of the architect as artist, poet, scientist, and technologist
- * Ethical obligations of architecture
- * Rationales for models and methods of design
- * How authority is determined in architecture
- * How architects structure their concepts
- * Conventions of communication within the architectural profession

Each section begins by showing the etymology of key terms of the topic discussed, along with a summary history of the topic's use in architecture. Discussions probe the conceptual and philosophical difficulties of different theories, as well as their potential and limitations in past and present usage. Among the provocative issues discussed in terms of their relationship to architecture are chaos theory, feminism, service to the community, and the use of metaphor. Johnson points out with stunning clarity the intentions as well as the contradictions and inconsistencies of all notions and concepts. All architects and designers, as well as students and teachers in these disciplines, will gain many insights about architectural thought in this groundbreaking text.

Conditional Design

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.

The Theory of Architecture

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 diagramming, and sketching equipment. The publication is a valuable reference for architects interested in doing further studies in architectural graphics.

Architecture

Buildings have often been studied whole in space, but never before have they been studied whole in time. *How Buildings Learn* is a masterful new synthesis that proposes that buildings adapt best when constantly refined and reshaped by their occupants, and that architects can mature from being artists of space to becoming artists of time. From the connected farmhouses of New England to I.M. Pei's Media Lab, from "satisficing" to "form follows funding," from the evolution of bungalows to the invention of Santa Fe Style, from Low Road military surplus buildings to a High Road English classic like Chatsworth—this is a far-ranging survey of unexplored essential territory. More than any other human artifacts, buildings improve with time—if they're allowed to. *How Buildings Learn* shows how to work with time rather than against it.

How Buildings Learn

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.

Introduction to Architecture

Space Planning Basics

"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

The Eyes of the Skin

The Second Edition of this classic introduction to the principles of architecture is everything you would expect from the celebrated architect, author, and illustrator, Francis D. K. Ching. Each page has been meticulously revised to incorporate contemporary examples of the principles of form, space, and order-the fundamental vocabulary of every designer. The result is a beautifully illustrated volume that embraces today's forms and looks at conventional models with a fresh perspective. Here, Ching examines every principal of architecture, juxtaposing images that span centuries and cross cultural boundaries to create a design vocabulary that is both elemental and timeless. Among the topics covered are point, line, plane, volume, proportion, scale, circulation, and the interdependence of form and space. While this revision continues to be a comprehensive primer on the ways form and space are interrelated and organized in the shaping of our environment, it has been refined to amplify and clarify concepts. In addition, the Second Edition contains: * Numerous new hand-rendered drawings * Expanded sections on openings and scale * Expanded chapter on design principles * New glossary and index categorized by the author * New 8 1/2 x 11 upright trim In the Second Edition of *Architecture: Form, Space, and Order*, the author has opted for a larger format and crisper images. Mr. Ching has retained the style of his hand-lettered text, a

hallmark of each of his books. This rich source of architectural prototypes, each rendered in Mr. Ching's signature style, also serves as a guide to architectural drawing. Doubtless, many will want this handsome volume for the sheer beauty of it. Architects and students alike will treasure this book for its wealth of practical information and its precise illustrations. Mr. Ching has once again created a visual reference that illuminates the world of architectural form.

Architecture

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.

The Dynamics of Architectural Form

Clear and accessible, *Analysing Architecture* opens a fresh way to understanding architecture. It offers a unique 'notebook' of architectural strategies to present an engaging introduction to elements and concepts in architectural design. Beautifully illustrated throughout with the author's original drawings, examples are drawn from across the world and many periods of architectural history (from prehistoric times to the recent past) to illustrate analytical themes and to show how drawing can be used to study architecture. Since its first edition appeared in 1997, *Analysing Architecture* has established itself internationally as one of the key texts in architectural education. This third edition includes a new section discussing the ways analysing examples cultivates a capacity for design. Original chapters have been expanded, new case studies added, and the format rearranged for additional clarity. The bibliography of recommended supplementary reading has also been extended. In *Analysing Architecture*, Simon Unwin clearly identifies the key elements of architecture and conceptual themes apparent in buildings and relevant to other works of architecture such as gardens and cities. He describes ideas for use in the active process of design. Breaking down the grammar of architecture into themes and 'moves', Unwin exposes its underlying patterns to reveal the organizational strategies that lie beneath the superficial appearances of buildings. Exploring buildings as results of the interaction of people with the world around them, *Analysing Architecture* offers a definition of architecture as 'identification of place' and provides a greater understanding of architecture as a creative discipline. This book presents a powerful impetus for readers to develop their own capacities for architectural design. It will also be of use to all those with an interest in the human occupation of and involvement with space –

anthropologists, archaeologists, film-makers, installation artists, planners, urban designers, politicians..

Interior Design Illustrated

Architecture is a powerful medium for representing, ordering and classifying the world, and understanding the use of space is fundamental to archaeological inquiry. Architecture and Order draws on the work of archaeologists, social theorists and architects to explore the way in which people relate to the architecture which surrounds them. In many societies, houses and tombs have encoded cultural meanings and values which are invoked and recalled through the practices of daily life. Chapters include explorations of the early farming r archi*eye of Europe, from before the use of metals, to the Classical and Medieval worlds of the Mediterranean and Europe. Research of the recent past and present include an overview of hunter-gatherers' camp organization, a reassessment of the use of space amongst the Dogon of West Africa and an examination of mental disorders relating to the use of space in Britain. The volume goes beyond the implication that culture determines form to develop an approach that integrates meaning and practice.

Architectural Graphics

Concise lessons in design, drawing, the creative process, and presentation, from the basics of "How to Draw a Line" to the complexities of color theory. This is a book that students of architecture will want to keep in the studio and in their backpacks. It is also a book they may want to keep out of view of their professors, for it expresses in clear and simple language things that tend to be murky and abstruse in the classroom. These 101 concise lessons in design, drawing, the creative process, and presentation—from the basics of "How to Draw a Line" to the complexities of color theory—provide a much-needed primer in architectural literacy, making concrete what too often is left nebulous or open-ended in the architecture curriculum. Each lesson utilizes a two-page format, with a brief explanation and an illustration that can range from diagrammatic to whimsical. The lesson on "How to Draw a Line" is illustrated by examples of good and bad lines; a lesson on the dangers of awkward floor level changes shows the television actor Dick Van Dyke in the midst of a pratfall; a discussion of the proportional differences between traditional and modern buildings features a drawing of a building split neatly in half between the two. Written by an architect and instructor who remembers well the fog of his own student days, 101 Things I Learned in Architecture School provides valuable guideposts for navigating the design studio and other classes in the architecture curriculum. Architecture graduates—from young designers to experienced practitioners—will turn to the book as well, for inspiration and a guide back to basics when solving a complex design problem.

Architecture and Order

"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.

Architecture, Form, Space & Order

Significantly updated in reference to the latest construction standards and evolving building types Many chapters revised including housing, transport, offices, libraries and hotels New chapter on flood-aware design Sustainable design integrated into chapters throughout Over 100,000 copies sold to successive generations of architects and designers - this book belongs in every design studio and architecture school library The Metric Handbook is the major handbook of planning and design information for architects and architecture students. Covering basic design data for all the major building types,

Order in Space and Society

Conditional design is the sequel to *Operative Design*. This book will further explore the operative in a more detailed, intentional, and perhaps functional manner. Spatially, the conditional is the result of the operative. It is not a blind result however. Both terms work together to satisfy a formal manipulation through a set of opportunities for elements such as connections and apertures.

Design Drawing

Building Construction Illustrated

Building Structures Illustrated

The classic, bestselling reference on architecture now revised and expanded! An essential one-volume reference of architectural topics using Francis D.K. Ching's signature presentation. It is the only dictionary that provides concise, accurate definitions illustrated with finely detailed, hand-rendered drawings. From Arch to Wood, every concept, technology, material and detail important to architects and designers are presented in Ching's unique style. Combining text and drawing, each term is given a minimum double-page spread on large format trim size, so that the term can be comprehensively explored, graphically showing relations between concepts and sub-terms A comprehensive index permits the reader to locate any important word in the text. This long-awaited revision brings the latest concepts and technology of 21st century architecture, design and construction to this classic reference work It is sure to be by the side of and used by any serious architect or designer, students of architecture, interior designers, and those in construction.

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