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Reading Architectural Working Drawings - Edward John Muller - 2003-09-01
Offers an introduction to reading architectural drawings, covering such topics as graphics, symbols, terminology, freehand sketches, conventions, and residential drawings.

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Reading Architectural Working Drawings - Edward J. Muller - 2011-11-21
This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. For courses in Architectural Drawing/Design, and Residential Design and Construction. Unique in coverage, this text-workbook introduces concepts essential to a basic, introductory understanding of residential and light construction—drawing, mathematics, geometry, terminology, materials, systems—while providing hands-on experience in reading architectural working drawings. With updated information to reflect the most current changes in the industry, the Sixth Edition enables students to further improve their communication skills when dealing with the technical information found in construction documents.

Reading Architectural Working Drawings - Edward J. Muller - 1996-04-01
The Professional Practice of Architectural Working Drawings - Osamu A. Wakita - 2011-10-13

The practical, comprehensive handbook for creating effective architectural drawings in one beautifully illustrated volume, The Professional Practice of Architectural Working Drawings, Fourth Edition presents the complete range of skills, concepts, principles, and applications that are needed to create a full set of architectural working drawings. Chapters proceed logically through each stage of development, beginning with site and floor plans and progressing to building sections, elevations, and additional drawings. Inside, you'll find: Coverage of the latest BIM technologies Environmental and human design considerations Supplemental step-by-step instructions for complex chapters Five case studies, including two that are new to this edition Hundreds of computer-generated drawings and photographs, including BIM models, three-dimensional models, and full-size buildings shown in virtual space Checklists similar to those used in architectural offices Tips and strategies for complete development of construction documents, from schematic design to construction administration With an emphasis on sustainability throughout, this new edition of The Professional Practice of Architectural Working Drawings is an invaluable book for students in architecture, construction, engineering, interior design, and environmental design programs, as well as professionals in these fields.

Working Drawings Handbook - Keith Styles - 2012-08-21

Covering every aspect of drawing preparation, both manual and computer-aided, this comprehensive manual is an essential tool for students, architects and architectural technologists. Showing what information is required on each type of document, how drawings relate to specifications, and how to organize and document your work, this handbook presents a fully illustrated guide to all the key methods and techniques. Thoroughly revised and redesigned, this fourth edition has brand new computer-generated drawings throughout and is updated to cover all aspects of computer use in the modern building design process.

Stockhammer, Ákos Moravánszky, Urs Primas, Reading Architectural Plans for Residential and Commercial Construction - Ernest R. Weidhaas - 1989

The Working Drawing - Mario Carpo - 2013

"Large-size working drawings are an elementary means in the architectural process and the actual construction of a building. Yet very little has been written and published about the architect's quintessential tool. This new book aims to close this gap. It draws on a vast collection of working drawings from many centuries held by the Department of Architecture at the Swiss Federal Institute of Technology Zurich (ETH Zurich). The collection, put together and categorized under the direction of Annette Spiro, comprises plans for a wide range of architectural tasks and features manifold representational techniques. The book presents around 100 of the collection's highlights from five centuries, arranged by category for direct comparison. All plans are depicted entirely in color on large-size spreads and fold-outs. Full catalog details and a detail in true size are provided for each drawing. Mario Carpo, Hermann Czech, Tom Emerson, Philipp Esch, David Ganzoni, Uta Hassler & Daniel Stockhammer, Ákos Moravánszky, Urs Primas, Kornel Ringli, Stephan Rutishauser, Jonathan Sergison, and Philip Ursprung contribute essays on various aspects of the topic."--Publisher's website.

Print and Specifications Reading for Construction - Ron Russell - 2011-10-20

Accurately interpret graphic and written construction documents Construction documents are the vital link between the architect's vision and the finished physical structure. Building professionals must accurately read and follow these documents in order to build a given design in the most efficient way possible. Print and Specifications Reading for Construction explains exactly how to interpret construction documents, offering students and professionals a complete package for learning and understanding. The text clearly lays out different graphic and written document types, how they developed, what information they contain, and their current use in residential and commercial construction today. Next, it looks in depth at the documents, revealing how each type works in action through example projects. Alongside the text, online access to three complete sets of sample sheets gives you experience working with prints and specifications. Inside you will discover: How to solve real construction problems in large-scale residential and commercial projects Coverage of architectural, structural, mechanical, electrical, plumbing, and civil drawings and specifications Relevant terminology for, and practical applications of, sustainability and Building Information Modeling (BIM) Practice questions and exercises throughout An all-in-one reference that combines clearly written text, complete document sample sets, and up-to-date digital resources. Print and Specifications Reading for Construction is an essential companion for anyone learning or practicing construction or contracting.

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This work explains to students the language of architecture and construction, and provides practitioners with actual working drawings with which to improve their communication skills. The text takes an in-depth look at both traditional procedures and more modern techniques.

How Buildings Work - Edward Allen - 2005-09-01
Illustrated with hundreds of illuminating line drawings, this classic guide reveals virtually every secret of a building's function: how it stands up, keeps its occupants safe and comfortable, gets built, grows old, and dies--and why some buildings do this so much better than others. Drawing on things he's learned from the many buildings he himself designed (and in some cases built with his own hands), Edward Allen explains complex phenomena such as the role of the sun in heating buildings and the range of structural devices that are used for support, from trusses and bearing walls to post-tensioned concrete beams and corbeled vaults. He stresses the importance of intelligent design in dealing with such problems as overheating and overcooling, excessive energy use, leaky roofs and windows, fire safety, and noisy interiors. He serves up some surprises: thermal insulation is generally a better investment than solar collectors; board fences are not effective noise barriers; there's one type of window that can be left open during a rainstorm. The new edition emphasizes "green" architecture and eco-conscious design and construction. It features a prologue on sustainable construction, and includes new information on topics such as the collapse of the World Trade Center, sick building syndrome, and EIFS failures and how they could have been prevented. Allen also highlights the array of amazing new building materials now available, such as self-cleaning glass, photovoltaics, transparent ceramics, cloud gel, and super-high-strength concrete and structural fibers. Edward Allen makes it easy for everyone--from armchair architects and sidewalk superintendents to students of architecture and construction--to understand the mysteries and complexities of even the largest building, from how it recycles waste and controls the movement of air, to how it is kept alive and growing.

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The Architectural Drawings of Antonio Da Sangallo the Younger and His Circle: Churches, villas, the Pantheon, tombs, and ancient inscriptions - Antonio da Sangallo - 2000

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You can use this book to design a house for yourself with your family; you can use it to work with your neighbors to improve your town and neighborhood; you can use it to design an office, or a workshop, or a public building. And you can use it to guide you in the actual process of construction. After a ten-year silence, Christopher Alexander and his colleagues at the Center for Environmental Structure are now publishing a major statement in the form of three books which will, in their words, "lay the basis for an entirely new approach to architecture, building and planning, which will we hope replace existing ideas and practices entirely."
The three books are The Timeless Way of Building, The Oregon Experiment, and this book, A Pattern Language. At the core of these books is the idea that people should design for themselves their own houses, streets, and communities. This idea may be radical (it implies a radical transformation of the architectural profession) but it comes simply from the observation that most of the wonderful places of the world were not made by architects but by the people. At the core of the books, too, is the point that in designing their environments people always rely on certain "languages," which, like the languages we speak, allow them to articulate and communicate an infinite variety of designs within a forma system which gives them coherence. This book provides a language of this kind. It will enable a person to make a design for almost any kind of building, or any part of the built environment. "Patterns," the units of this language, are answers to design problems (How high should a window sill be? How many stories should a building have? How much space in a neighborhood should be devoted to grass and trees?). More than 250 of the patterns in this pattern language are given: each consists of a problem statement, a discussion of the problem with an illustration, and a solution. As the authors say in their introduction, many of the patterns are archetypal, so deeply rooted in the nature of things that it seemly likely that they will be a part of human nature, and human action, as much in five hundred years as they are today.

A Pattern Language - Christopher Alexander - 2018-09-20

You can use this book to design a house for
present day. It contains information on the with your neighbors to improve your town and neighborhood; you can use it to design an office, or a workshop, or a public building. And you can use it to guide you in the actual process of construction. After a ten-year silence, Christopher Alexander and his colleagues at the Center for Environmental Structure are now publishing a major statement in the form of three books which will, in their words, "lay the basis for an entirely new approach to architecture, building and planning, which will we hope replace existing ideas and practices entirely."
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The Details of Modern Architecture - Edward R. Ford - 2003
This work continues the study of the relationships of the ideals of design and the realities of construction in modern architecture, beginning in the 1920s and extending to the present day. It contains information on the construction of modern architecture at a variety of scales.

Architectural Drawing - Rendow Yee - 2012-07-31
The classic architectural drawing compendium—now in a richly updated edition Today's most comprehensive compendium of architectural drawing types and methods, both hand drawn and computer generated, Architectural Drawing: A Visual Compendium of Types and Methods remains a one-of-a-kind visual reference and an outstanding source of guidance and inspiration for students and professionals at every level. This Fourth Edition has been thoroughly updated to reflect the growing influence of digital drawing. Features include: More than 1,500 drawings and photographs that demonstrate the various principles, methods, and types of architectural drawing Examples by an impressive array of notable architects and firms, including Tadao Ando, Asymptote, Santiago Calatrava, Coop Himmelbl(l)au, Norman Foster, Frank Gehry, Zaha Hadid, Steven Holl, Arata Isozaki, Toyo Ito, Gudmundur Jonsson, Kohn Pedersen Fox, Ricardo Legorreta, Morphosis, Patkau Architects, Pei Partnership Architects LLP, Renzo Piano, Antoine Predock, SANAA, David Serero, Studio Daniel Libeskind, Studio Gang, Bing Thom, Tod Williams and Billie Tsien, and UN Studio A brand new chapter, "Introduction to the Digital-Manual Interface" which covers how digital and traditional drawing techniques can be used in conjunction with each other A new chapter on guidelines for portfolio building Content organized in a streamlined, easy-to-use fashion Supplementary online instructor resources, including PowerPoint slides tied to the book "This volume reveals how architects approach drawing as a process wherein ideas are given form. As a tool for teaching, these examples become important in students' understanding of the formal and technical aspects of design thought. In an age of digital technologies, this
work emphasizes the intimate relationship that exists between the drawing and its maker, the process between paper, hand, and mind.”
—LaRaine Papa Montgomery, Professor of Architecture/Graphics Coordinator, Savannah College of Art and Design

“This book contains a wealth of information on architectural graphic communication. My students have found this to be an invaluable resource for graphic presentation techniques ranging from traditional hand drawing to advanced computer graphics. It features an amazingly wide range of examples including both student work and professional work by renowned architects. With the addition of a new chapter on portfolio design, this new edition illustrates the full gamut of graphic communication skills from the conceptual sketch through the documentation of the final portfolio.”
—Mark A. Pearson, AIA, LEED AP, Associate Professor of Architecture, College of DuPage

“This book should be in the library of all architecture and design students as well as practicing professionals. The richness and variety of hand-drawn and digital illustrations by students and architects offers deep insight into the many drawing types and methods used today. The section on portfolios is a helpful and timely addition.”
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The Art of City Sketching - Michael Abrams - 2014-04-24
The Art of City Sketching: A Field Manual guides you through the laborious and sometimes complex process of sketching what you see in the
This stunning two-volume publication introduces what you imagine. Illustrated with hundreds of drawings by students and professionals of cityscapes around Europe and the United States, the book helps you develop your conceptual drawing skills so that you can communicate graphically to represent the built environment. Short exercises, projects, drawing tips, step-by-step demonstrations, and composition do's and don'ts make it easy for you to get out into the city and experiment in your own work. Author Michael Abrams uses his experience as a field sketching instructor, to show you that by drawing, you can discover, analyze, and comprehend the built environment.

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The Art of City Sketching: A Field Manual guides you through the laborious and sometimes complex process of sketching what you see in the built environment so that you can learn to draw what you imagine. Illustrated with hundreds of drawings by students and professionals of cityscapes around Europe and the United States, the book helps you develop your conceptual drawing skills so that you can communicate graphically to represent the built environment. Short exercises, projects, drawing tips, step-by-step demonstrations, and composition do's and don'ts make it easy for you to get out into the city and experiment in your own work. Author Michael Abrams uses his experience as a field sketching instructor, to show you that by drawing, you can discover, analyze, and comprehend the built environment.

Draw Like an Artist: 100 Buildings and Architectural Forms - David Drazil - 2021-07-20
Draw Like an Artist: 100 Buildings and Architectural Forms shows readers step by step how to draw a global survey of culturally significant buildings and their details, from ancient to modern.

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Living with Architecture As Art - Peter May - 2020-09-15

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This practical foundation course in architectural design offers key advice on the principles, practice and techniques of the subject. Dealing with much more than just the technical aspects of drawing, it introduces the reader to the visual language of architecture, encouraging them to think spatially and question the built environment. All architecture students, and anyone interested in the creative side of architecture, will find this book an invaluable tool and reference.

The Architectural Drawing Course - Mo Zell - 2008

Along with plan and elevation, section is one of the essential representational techniques of architectural design; among architects and educators, debates about a project’s section are common and often intense. Until now, however, there has been no framework to describe or evaluate it. Manual of Section fills this void. Paul Lewis, Marc Tsurumaki, and David J. Lewis have developed seven categories of section, revealed in structures ranging from simple one-story buildings to complex structures featuring stacked forms, fantastical shapes, internal holes, inclines, sheared planes, nested forms, or combinations thereof. To illustrate these categories, the authors construct sixty-three intricately detailed cross-section perspective drawings of built projects—many of the most significant structures in international architecture from the last one hundred years—based on extensive archival research. Manual of Section also includes smart and accessible essays on the history and uses of section.

Manual of Section - Paul Lewis - 2016-08-23

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The Four Books of Architecture - Andrea Palladio - 2013-07-24

The Four Books of Architecture - Andrea Palladio - 2013-07-24

Building Construction Illustrated - Francis D. K. Ching - 2011-03-10
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.

Jean-Nicolas-Louis Durand (1760–1834) regarded the Précis of the Lectures on Architecture (1802-5) and its companion volume, the Graphic Portion (1821), as both a basic course for future civil engineers and a treatise. Focusing the practice of architecture on utilitarian and economic values, he assailed the rationale behind classical architectural training: beauty, proportionality, and symbolism. His formal systematization of plans, elevations, and sections transformed architectural design into a selective modular typology in which symmetry and simple geometrical forms prevailed. His emphasis on pragmatic values, to the exclusion of metaphysical concerns, represented architecture as a closed system that subjected its own formal language to logical processes. Now published in English for the first time, the Précis and the Graphic Portion are classics of architectural education.

The Timeless Way of Building - Christopher Alexander - 1979

This introductory volume to Alexander's other works, A Pattern of Language and The Oregon Experiment, explains concepts fundamental to his original approaches to the theory and application of architecture.

Basics, residential, and light construction - Edward John Muller - 1988

Le Corbusier Sketchbooks - Fondation Le Corbusier - 1981

Architectural Graphics - Frank Ching - 2014-05-16

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.
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Part of the generation of architects who were trained to draw both by hand and with digital tools, Nalina Moses recently returned to hand drawing. Finding it to be direct, pleasurable, and intuitive, she wondered whether other architects felt the same way. Single-Handedly is the result of this inquiry. An inspiring collection of 220 hand drawings by more than forty emerging architects and well-known practitioners from around the world, this book explores the reasons they draw by hand and gives testimony to the continued vitality of hand drawing in architecture. The powerful yet intimate drawings carry larger propositions about materials, space, and construction, and each one stands on its own as a work of art.

**Architectural Detailing** - Edward Allen - 2016-03-14
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.
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The Routledge Companion to Women in Architecture - Anna Sokolina - 2021-06-29

The Routledge Companion to Women in Architecture illuminates the names of pioneering women who over time continue to foster, shape, and build cultural, spiritual, and physical environments in diverse regions around the globe. It uncovers the remarkable evolution of women’s leadership, professional perspectives, craftsmanship, and scholarship in architecture from the preindustrial age to the present. The book is organized chronologically in five parts, outlining the stages of women’s expanding engagement, leadership, and contributions to architecture through the centuries. It contains twenty-nine chapters written by thirty-three recognized scholars committed to probing broader topographies across time and place and presenting portraits of practicing architects, leaders, teachers, writers, critics, and other kinds of professionals in the built environment. The intertwined research sets out debates, questions, and projects around women in architecture, stimulates broader studies and discussions in emerging areas, and becomes a catalyst for academic programs and future publications on the subject. The novelty of this volume is in presenting not only a collection of case studies but in broadening the discipline by advancing an incisive overview of the topic as a whole. It is an invaluable resource for architectural historians, academics, students, and professionals.
The sketch is a window into the architects mind. It is an invaluable resource for architectural historians, academics, students, and professionals.

**From Models to Drawings** - Marco Frascari - 2013-09-13
This edited collection addresses the vital role of the imagination in the critical interpretation of architectural representations. By challenging the contemporary tendency for computer-aided drawings to become mere ‘models’ for imitation in the construction of buildings, the articles explore the broader range of methods and meanings at stake in the creation and interpretation of architectural drawings, models, images and artefacts. These critical – and often practice-led – investigations are placed alongside a range of historical studies considering the development of representational techniques such as perspective, orthography and diagramming. By also addressing the use of visual representation in a number of related disciplines such as visual arts, film, performance and literature, the book opens up debates in architecture to important developments in other fields. This book is key reading for all students of architecture and architectural theory.

**Architect’s Drawings** - Kendra Schank Smith - 2006-08-11
The sketch is a window into the architects mind. As creative designers, architects are interested in how other architects, particularly successful ones, think through the use of drawings to approach their work. Historically designers have sought inspiration for their own work through an insight into the minds and workings of people they often regard as geniuses. This collection of sketches aims to provide this insight. Here for the first time, a wide range of world famous architects’ sketches from the Renaissance to the present day can be seen in a single volume. The sketches have been selected to represent the concepts or philosophies of the key movements in architecture in order to develop an overall picture of the role of the sketch in the development of architecture. The book illustrates the work of designers as diverse as Andrea Palladio, Erich Mendelsohn, Sir Edwin Lutyens, Gianlorenzo Bernini, Le Corbusier, Michelangelo, Alvar Aalto, Sir John Soane, Francesco Borromini, Walter Gropius, and contemporary architects Tadao Ando, Zaha Hadid and Frank Gehry to name but a few. Each chronologically placed sketch is accompanied by text providing details about the architect’s life, a look at the sketch in context, and the connection to specific buildings where appropriate. Style, media and meaning are also discussed, developing an explanation of the architect’s thinking and intentions. As creative designers themselves, architects are interested in how other architects, particularly successful ones, think and draw and approach their work. Historically designers have sought inspiration for their own work through an insight into the minds and workings of people they often regard as geniuses. This collection of sketches aims to provide this insight. Listed chronologically each sketch will be accompanied by a text which provides: A short synopsis/history of the architect’s life; a look at the sketch in this context; the connection to a specific building (where appropriate); techniques of the sketch: style and media; meaning - what the sketch shows about the architect’s thinking and intentions followed by a select bibliography for each section.

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Reading Architecture - Angeliki Sioli - 2018-04-09
Why write instead of draw when it comes to architecture? Why rely on literary pieces instead of architectural treatises and writings when it comes to the study of buildings and urban environments? Why rely on literary techniques and accounts instead of architectural practices and analysis when it comes to academic research and educational projects? Why trust authors and writers instead of sociologists or scientists when it comes to planning for the future of cities? This book builds on the existing interdisciplinary bibliography on architecture and literature, but prioritizes literature’s capacity to talk about the lived experience of place and the premise that literary language can often express the inexpressible. It sheds light on the importance of a literary instead of a pictorial imagination for architects and it looks into four contemporary architectural subjects through a wide variety of literary works. Drawing on novels that engage cities from around the world, the book reveals aspects of urban space to which other means of architectural representation are blind. Whether through novels that employ historical buildings or sites interpreted through specific literary methods, it suggests a range of methodologies for contemporary architectural academic research. By exploring the power of narrative language in conveying the experience of lived space, it discusses its potential for architectural design and pedagogy. Questioning the massive architectural production of today’s globalized capital-driven world, it turns to literature for ways to understand, resist or suggest alternative paths for architectural practice. Despite literature’s fictional character, the essays of this volume reveal true dimensions of and for places beyond their historical, social and political reality; dimensions of utmost importance for architects, urban planners, historians and theoreticians nowadays.

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**Principles and Practices of Lighting Design:**
**The Art of Lighting Composition** - Philip Gordon, LC, NCQLD - 2011
A complete handbook on Lighting Design with both Artistic and Technical approaches for the beginning to advanced lighting designer.

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**Architectural Study Drawings** - Daniel M. Herbert - 1993-06-15
Study drawings play a key role in the exploration and development of architecture in the early stages of design. Yet, these principal tools for graphic thinking have been largely taken for granted in the design professions. This guide brings study drawings into the foreground by analyzing actual drawings used by architects past and present. Architectural Study Drawings is the first source to provide a basis for understanding the primary means of graphic thinking used in the creation of these drawings. It also explains versatile applications of these drawings in architectural practice, teaching, and research. Evaluations of more than 80 drawings and diagrams demonstrate how study drawings are active participants in--rather than passive records of--the designer's graphic thinking. The author probes characteristics and properties of study drawings, in addition to how graphic and cognitive processes combine to guide design decision-making. Drawings of great past architects ranging from Leonardo da Vinci and Le Corbusier to Carlo Scarpa are analyzed. Excerpts are included from recent interviews with five contemporary architects-Joseph Esherick, Helmut Jahn, Robert Stern, Stanley Tigerman, and Peter Eisenman. Readers will learn from these masters how to enhance the value of study drawings in various design situations. Throughout, the author clarifies how theoretical aspects of study drawings relate to actual design practice. Detailed chapters discuss key topics such as: * The theoretical structure of study drawings * Applications for handmade drawings * How to make better use of current computer-aided design (CAD) systems * Examples of drafting room dialogue in practice that help improve design working processes

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book’s architectural concepts to life through study drawings, in addition to how graphic and cognitive processes combine to guide design decision-making. Drawings of great past architects ranging from Leonardo da Vinci and Le Corbusier to Carlo Scarpa are analyzed. Excerpts are included from recent interviews with five contemporary architects—Joseph Esherick, Helmut Jahn, Robert Stern, Stanley Tigerman, and Peter Eisenman. Readers will learn from these masters how to enhance the value of study drawings in various design situations. Throughout, the author clarifies how theoretical aspects of study drawings relate to actual design practice. Detailed chapters discuss key topics such as: * The theoretical structure of study drawings * Applications for handmade drawings * How to make better use of current computer-aided design (CAD) systems * Examples of drafting room dialogue in practice that help improve design working processes Architectural Study Drawings offers valuable insights that can be applied on the drawing board in the school and office, in teaching of both media and design, and in research and development for CAD systems.

**Architecture** - Francis D. K. Ching - 2012-07-16
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.

**Houses, Houses, Houses Coloring Book** - Henry Harrison - 2017-08-16
Houses Coloring Book: Vol. 1: Early American Styles Have fun coloring while learning about Victorian and Early American style houses. This relaxing and educational adult coloring book is perfect for real estate appraisers, realtors, real estate agents, architecture students, homebuyers and house lovers. It is stress relieving, attractive, and full of information about classic house styles and architectural elements. The Houses Coloring Book is based on the leading guide to American home styles by Henry S. Harrison, MAI, SRPA. Houses: The Illustrated Guide to Construction, Design and Systems, sold over 1 million copies and is used by educational institutions across the country to teach appraisers and other real estate professionals how to recognize, describe and classify different home styles accurately. The Houses, House, Houses Architectural Coloring
Colonial American, English Victorian and French Country homes from Harrison's original book, beautifully reproduced as coloring book pages, featuring architectural line drawings set within rich historic gardens and landscapes. Each illustration is paired with an explanatory page showcasing the house's history and highlighting its most important architectural features. The interior design elements, as well as the methods and materials of construction commonly found in that style, are also presented. The Victorians loved wrap-around porches, stained glass windows, gables, dormers, gingerbread fretwork, complex brick work, arched windows and other elaborate home adornments that make these houses particularly delightful to color. Do you know the difference between an English Tudor and an Elizabethan Half Timber, a Log Cabin and a Cotswold Cottage? Learn about all these styles and more while relaxing and having fun! Your finished drawings make beautiful and educational decorations to frame and mount on office walls. Special features of this official Houses coloring book include: - Single-sided coloring pages on high quality bond, to avoid bleed-thru; - Crisp white pages, suitable for markers, water color markers, felt tips, gel pens, colored pencils, Pan-pastels, Sharpies and more; - Hi-resolution black line drawings specifically designed for coloring; - Informational pages on each style, highlighting key architectural features and historical perspective; - Structural design elements in call-outs for easy learning. This book provides hours of coloring pleasure while helping you become an expert in Victorian Era home styles as well as building your architectural vocabulary. Learn the meanings of belvedere, balustrade, cornice, gable, gambrel, noggin, pilasters, quoins and much more. Each historic home is surrounded by royalty-free images of people wearing historically accurate costumes, carriages, work animals, adorable pets and period-appropriate gardens, making this the perfect coloring book for Americana, Renaissance and Victorian-era enthusiasts. This book makes a fabulous house-warming or holiday gift for family, friends and colleagues. If you know someone who loves Colonial and Victorian houses, or lives in a current replica of one of these lovely styles, they will be sure to appreciate this unique adult coloring book!
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Towards a New Architecture - Le Corbusier - 2013-04-09

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