<u>An Annotated Bibliography</u>
<u>Architectural Rendering; Examples and Techniques</u>

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Specific Artists and their Technique/Architectural Illustrators

Until about twenty years ago, the business of architecture was practiced by drawing. It was the way a designer communicated their ideas. Doodles became sketches, sketches became roughs, roughs became preliminaries and preliminaries became construction documents. From paper to reality it is an amazing progress. The computer is but one tool in the box that can be utilized to reach success. Much of the traditional hand-drawn world of architecture is going away. As universities direct more attention to digital and computer classes within their curriculums, traditional media and drawing classes have become fewer and fewer.

Drawing skills as a way to communicate one's ideas effectively cannot be over emphasized. Drawing skills <u>will</u> make you a better architect. Therefore, take the opportunity to train yourself to be a proficient visualizer. The three keys to success are; practice, practice and practice.

The following books listed below are books on architectural illustration, which I have collected over the last fifteen years. I consider them to be of great value in my education as an illustrator. They provide an excellent outline of various successful techniques and styles. I have provided some comments to direct the reader to the books that may interest them the most. Some of these listed are from the twenties and thirties and may be difficult to obtain. My suggestion is to try used bookstores and book search on the web.

> Color Drawing: Second Edition. Michael Doyle; John Wiley and Sons. 1999.
> The definitive book on the colored pencil and marker technique. See also the older edition from 1981 with the same title.

> Architecture in Watercolor. Thomas Schaller; van Nostrand Reinhold. 1990.
> An excellent book that revisits the traditional Ecole des Beaux Arts way of painting architectural subjects in watercolor wash. Excellent examples of Mr. Schaller's polished technique.

> The Art of Architectural Drawing, Imagination and Technique. Thomas Schaller; Van Nostrand Reinhold. 1997.

> The second book from Tom Schaller, New York watercolorist. Explores the creative process as it relates to architectural rendering. Gallery of various artists and historical rendering examples.

Frank Lloyd Wright Drawings. Bruce Brooks Pfeiffer; Harry N. Abrams. 1990.
     An excellent compilation of the perspective drawings of the office of
     Frank Lloyd Wright. Very good reproductions that clearly show Wright's
     use of various media including colored pencil and watercolor.

Drawing with Pen and Ink. Arthur L. Guptill; The Pencil Points Press; 1928.
     The best book you will find on the pen and ink technique. Excellent
     library of examples. An edition of this book is still in print but the original
     edition is still the best.

Sketching and Rendering in Pencil.Arthur L. Guptil; The Pencil Points Press
1922.
     An excellent book that outlines a tonal and stroke approach to pencil
     drawing. Great examples and support diagrams.

FreeHand Drawing Self Taught. Arthur L. Guptill. The Harper Brothers. 1933.
     A supplemental book to Guptill's other works but still worth looking at.

Color in Sketching and Rendering; Arthur L. Guptill. Reinhold Publishing Corp.
1946.
     A clear and concise text on rendering traditional architectural subjects in
color in a variety of media. Excellent full color examples.

Architectural Illustration. Paul Stevenson Oles; Van Nostrand Reinhold. 1979.
     A how to book that explores Steve Oles' technique and how to interpret
     and analyze light shade and shadow in a drawing.

Drawing the Future; a Decade of Architecture in Perspective Drawings. Paul
Stevenson Oles; Van Nostrand Reinhold. 1988.
     Documents Steve Oles; individualistic tonal pencil technique over a ten-
     year period.

Pencil Drawing. Frank M. Rines; Bridgeman Publishing Co. 1940.

Design and Construction in Tree Drawing. Frank M. Rines; Bridgeman
Publishing Co. 1936.

Drawing in Lead Pencil; Frank M. Rines. Bridgeman Publishers. 1937.
     All three of these books offer insight into an amazing full tone pencil
style. A recent reprint of Mr. Rines work was published by Sterling Publishing in
1991 and entitled, Landscape Drawing with Pencil.

Pencil Broadsides. Theodore Kautzky; Reinhol Publishing Corp. 1940.
     This book outlines Ted Kautzky's amazing broadpoint pencil technique.

Ways with Watercolor. Ted Kautzky; Van Nostrand Reinhold. 1963.
    The originator of the broad point pencil rendering technique, Kautzky expands his expressive style into the watercolor medium.

Painting Trees and Landscapes in Watercolor. Ted Kautzky. Reinhold Publishing Corp. 1952.
    A continued look at Kautzky's watercolor style as it relates to entourage.

 Architectural Illustration in Watercolor; Stefan Hoffpauir and Joyce Rosner. Whitney Library of Design. 1989.
    An excellent how-to book on traditional watercolor technique. This team utilizes some interesting uses of composition and reference to past historical paintings and styles.

Color in Architectural Illustration; Richard Rochon and Harold Linton. Van Nostrand Reinhold. 1989.
    Outlines Rochon's photorealistic use of colored pencil and airbrush to create some truly amazing drawings.

Composition and Rendering; A. Thornton Bishop. John Wiley and Sons, Inc. 1933.
    This book details ways to enhance the composition of architectural drawings. Great pencil sketches.

How to Draw in Pen and Ink; Jasper Salwey. Bridgeman Publishers. 1931.
    An older book with good rendering examples from the 20's and 30's.

Portraits of American Architecture; a Gallery of Victorian Homes. Harry Devlin. Gramercy Books. 1989.
    Acrylic fine art paintings of various architectural subjects.

The Art of Pencil Drawing. Ernest Watson; Watson-Guptill Publications. 1968. Paperback edition. 1991.
    Another excellent pencil illustrator demonstrates his technique.

Drawing Shortcuts. Jim Leggitt; John Wiley & Sons. 2002.
    The best book to date fully explaining the charrette process and high-speed design drawing. Excellent resource for those who want to learn to visualize their designs.

Compilations of Various Artists Works

    The following books provide excellent visual reference and expose the reader to a diverse body of work. I find the key to becoming more proficient at visualization is to learn from looking at the work of others. I do not see this as copying or a short cut but rather a simple way of answering the many questions

that arise when one starts out trying to learn something new. Train yourself to be a good observer and really see and study reference material as well as the natural world around you…the answers to most questions can be found there.

The Art of Architectural Illustration. Edited by Gordon Grice; Rockport. 1997.
       Profiles the works of various artists with examples of their work.

Architecture in Perspective: A Five Year Retrospective of Award Winning Illustration. The American Society of Architectural Illustrators. Van Nostrand Reinhold. 1992.
       The best of the best from the American Society of Architectural Perspectivists juried competitions through 1991.

Architecture In Perspective; Annual Competition of Architectural Illustration. Annuals 1 through 13. Rockport Publishing Co., 1986 through 1988.
       The individual exhibition guides with excellent reproductions.

Architectural Rendering; Philip Crowe. Quarto Publishing. 1991.
       Great examples as well as some how-to sections by some of the foremost Illustrators working today.

Architectural Drawing. Rendow Yee; John Wiley and Sons. 1997.
       Excellent reference on the use of perspective and shade and shadow. Good black and white examples.

On Painting in Watercolor and the use of Color

This section lists a small number of fine art type books on watercolor painting. They add great value to the development of style in our business.

Watercolorists Guide to Mixing Color. Jenny Rodwell; North Light Books.1997.
       The best book I have found on color mixing in watercolor. It contains illustrative examples that are diagramed to show how each of the colors were mixed. Basis for mixing is the Winsor and Newton color range.

Painting Outdoor Scenes in Watercolor. Richard Kaiser; North Light Books.1993.
       Good book which shows color mixing techniques as applied to architecture in landscape.

Painting Buildings in Watercolor. Randulph Bye; Watson Guptill Pub. Co. 1994.
       Excellent technical book that shows various watercolor methods for portraying traditional architecture.

Transparency Watercolor Wheel. Jim Kosvanec; Watson Guptill Pub. Co. 1994.
       A good basic color mixing book with an excellent reference color wheel.

Painting The Colors of Nature. Karen Simmons; Watson Guptill Pub. Co. 1993.
　　　　A good book in which the artist utilizes a looser style.

Painting What You Want to See. Charles Reid. Watson Guptill Pub. Co. Leo Stoutsenberger; North Light Books. 1981.
　　　　Good examples of how to achieve controlled color washes and accurate rendering in watercolor.

Winslow Homer Watercolors. Helen A. Cooper; National Gallery of Art. 1986.
　　　　The greatest of the American watercolorists, his use of color is an excellent source of inspiration to the artist.

Tom Lynch's Watercolor Secrets. Tom Lynch; International Artist Pub. Co. 2000.
　　　　Tom Lynch is the contemporary painter whose work with color I most associate with.

Watercolors on Location. Tom Hill; North Light Books. 1996
　　　　This is an excellent book on plein air painting and the logistics of working outside. Tom Hill is on of the great masters of the media and has written many books of which all are valuable.

David Curtis: A Personal View. David Curtis: David and Charles Publishing Co. 1996.
　　　　David Curtis is one in a long line of great British landscape watercolorists. He shows great control with a very subdued palette.

Mastering Light and Shade in Watercolor. Ong Kim Seng; International Artist Pub. Co. 2003.
　　　　Seng has an unusually rich yet fresh technique. Most of his work is done plein air, which makes it even more impressive.

Loire Valley Sketchbook. Paintings by Fabrice Moireau; St Martins Press. 2003.
　　　　Wonderful architectural details and compositions. Beautiful use of color.

Useful Website
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www.asai.org
Best resource for information about architectural rendering.

www.handprint.com
- Website on watercolor painting technique.

www.cgarchitect.com
- Resource for digital architectural illustration.

www.youtube.com
- Allows you to look up and view great watercolor and other art demos.

Art Supply Outlets

www.cheapjoes.com

- Excellent quality proprietary brushes.
- Makes complete line of paints, papers and sketching supplies.

www.danielsmith.com

- Excellent proprietary line of paints.

www.dickblick.com

- Great selection
- Good place to find odds and ends

www.jerrysartarama.com

- Good selection and range of goods.