



Preface

The fourth edition of this book expands upon the third edition, includes some new topics, and incorporates new images. The authors again wish to thank the many students, teachers, and professionals who used the former editions giving us valuable input as to what needed to be revised, expanded, or added.

When *Construction Drawings and Details for Interiors: Basic Skills* was first published over seventeen years ago, the intent was to provide a guide (handbook) for preparing construction drawings for the field of interior design. The book was designed for students in interior design programs as well as interns in offices that design interiors and are expected to produce construction drawings. At the time of the first edition, there were no books on the market that dealt with the process of preparing construction drawings specifically for interiors and all the information that needed to be conveyed, or that go in depth to explain how to organize this vast amount of information into a quality set of construction documents.

In this fourth edition of *Construction Drawings and Details for Interiors*, basic and advanced skills are covered. The entire process—from beginning drawing/drafting skills through design development, and finally construction documents—is presented. There are also several changes and additions in this fourth edition. Interior designers must be able to communicate with other professionals in the building industry and must understand how a building is constructed from the ground up. Today, interior designers are required to understand a vast amount of knowledge about construction assemblies, materials, finishes, lighting, mechanical and electrical systems, building codes, and structural systems. Therefore, we have updated this information throughout this addition where applicable.

Chapter 1 has been expanded under “Issues Affecting How Interior Designers Communicate” to include the pandemic of 2020, more building certification programs, and parametric design. Chapter 3 has been expanded to include a section on “Starting the Drawing” with a step-by-step method to basic techniques of hand drafting. Plus, a checklist has been added to this chapter.

A new section on Contract Administration has been added to Chapter 6 discussing the importance of record keeping and the various activities and forms involved during the construction process. Documents that interiors designers should be aware of include requests for information (RFI), change orders (CO), submittal review, field reports, and punch lists. Examples of these forms have been included, as well as an example of a revised plan with a highlighted by a revision "cloud".

Laser and sonic measuring devices for field measuring was added in chapter 7 and a new illustration of doors as defined by operation was added to chapter 8. Numerous updates and illustrations were added to all chapters including current usage of light emitting diodes (LED) lamps to chapter 17.

The checklists at the end of each chapter have been expanded in scope. Forty-nine new illustrations have been added or updated to more clearly show the specifics discussed in the writings.

The glossary has been expanded to include more terms used in the building industry. Appendices have been updated to match current standards related to the preparation of construction drawings for interiors. Appendix C "Trigonometric Functions: Sines and Cosines of Angles," has again been included to assist with some lighting calculations as is explained in Chapter 17.

Another area that has been expanded to provide good resources for instructors is the *Instructor's Guide*, which is available through a dedicated Wiley website. It includes a summary of each chapter with *Learning Outcomes* and *Key Terms* to help in the organization and teaching a course. Sample exam questions and answers for each chapter are provided to encourage critical thinking and discussion. These sample questions along with some suggested activities can assist instructors in evaluating students' comprehension of the material presented. PowerPoint presentations are included for each chapter to help instructors' present visual information for teaching and engaging students for better understanding.

Another feature is a dedicated website for students (available on the Wiley website). It includes flash-cards and interactive self-test questions, as well as photographs and case study construction drawings for both residential and commercial interior projects. This student website will provide students with additional resources for understanding the design and construction industries.

In conclusion, we are committed to the interior design profession and continue to be involved in the future of designing interiors and look forward to any comments or input on this edition and for future editions.