



# Architectural Working Drawings, Fourth Edition

By *Ralph W. Liebing*

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## Architectural Working Drawings, Fourth Edition By Ralph W. Liebing

The classic guide for students and young professionals, fully revised and updated

This new edition of the classic text that has become a standard in architecture curricula gives students in-depth understanding and insight for improving architectural working drawings through the integration of traditional guidelines, standards, and fundamentals with today's CAD operations. Ralph Liebing uses detailed coverage to emphasize the importance of learning the basics first, while encouraging mastery and application of a broad array of techniques and procedures.

Architectural Working Drawings, Fourth Edition provides clear explanations of why these drawings are required, what they must contain to be relevant, the importance of understanding drawing intent and content, and how to combine individual drawings into meaningful and construction-ready sets. Using hundreds of real-world examples from a geographically diverse base, this book covers everything from site plans, floor plans, and interior and exterior elevations to wiring schematics, plumbing specifications, and miscellaneous details. Nearly 500 illustrations provide examples of the best and the worst in architectural working drawings.

This Fourth Edition contains a wealth of new and updated material, including:

- \* A new chapter of CAD case studies as well as substantially increased and integrated CAD coverage throughout the book
- \* New drawing coordination systems from the Construction Specifications Institute and AIA
- \* A new chapter on the coordination of working drawings and specifications
- \* More than 140 new illustrations reflecting the methods for improving CAD drawings

Architectural Working Drawings is the ideal guide for students and young professionals who seek a solid foundation and a broad knowledge of emerging technologies to prepare for the marvelous and unpredictable future in which their careers will unfold.

RALPH W. LIEBING is currently a Senior Architect/Group Leader with Lockwood Greene, Engineers, in Cincinnati, Ohio. He is a registered architect and a Certified Professional Code Administrator. He has taught architecture at the University of Cincinnati School of Architecture and architectural technology at ITT Technical Institute, as well as serving as building commissioner for Ohio's Hamilton County in the Cincinnati area.

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### **Editorial Review**

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About the Author

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