## **Table of contents**

- Introduction (p. 6)
- 1 Measure and Drawing (p. 8)
- **1 Measurements** (p. 10)
- 2 Basic Geometry and Drawing Projections (p. 24)
- 3 Architectural Drawing Types (p. 32)
- 4 Project Management and Architectural Documents (p. 36)
- **5 Specifications** (p. 54)
- 6 Hand Drafting (p. 58)
- 7 Computer Standards and Guidelines (p. 64)
- 2 Proportion and Form (p. 80)
- 8 The Human Scale (p. 82)
- 9 Form and Organization (p. 88)
- 10 Residential Spaces (p. 94)
- **11 Public Spaces** (p. 100)
- 12 Parking (p. 104)
- 3 Codes and Guidelines (p. 108)
- **13 Building Codes** (p. 110)
- 14 ADA and Accessibility (p. 120)
- 15 Sustainable Design (p. 132)
- 4 Systems and Components (p. 134)
- 16 Structural Systems (p. 136)
- 17 Mechanical Issues (p. 152)
- 18 Lighting (p. 154)
- **19 Stairs** (p. 158)
- **20 Doors** (p. 162)
- **21 Windows and Glazing** (p. 168)
- 5 Characteristics of Materials (p. 176)
- 22 Wood (p. 178)
- 23 Masonry (p. 196)
- 24 Concrete (p. 206)
- 25 Metals (p. 210)
- 26 Finishes (p. 218)
- 6 Compendium (p. 230)
- **27 Timeline** (p. 232)
- 28 Architectural Elements (p. 240)
- 29 Glossary (p. 248)
- **30 Resources** (p. 256)
- **Index** (p. 266)
- About the Author (p. 272)