



Design of Wood Structures-ASD/LRFD

By Donald Breyer, Kenneth Fridley, Jr., David Pollock, Kelly Cobeen

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THE DEFINITIVE WOOD STRUCTURE DESIGN GUIDE -- FULLY UPDATED

Thoroughly revised to incorporate the latest codes and standards, the seventh edition of this comprehensive resource leads you through the complete design of a wood structure following the same sequence of materials and elements used in actual design. Detailed equations, clear illustrations, and practical design examples are featured throughout the text.

THIS NEW EDITION:

- Conforms to the 2012 International Building Code (IBC)
- Addresses the new 2012 National Design Specification for Wood Construction (NDS)
- Contains dual-format Allowable Stress Design/Load and Resistance Factor Design (ASD/LRFD) specifications, equations, and problems
- Includes ASCE/SEI 7-10 load provisions

DESIGN OF WOOD STRUCTURES--ASD/LRFD, SEVENTH EDITION, COVERS:

- Wood buildings and design criteria
- Design loads
- Behavior of structures under loads and forces
- Properties of wood and lumber grades
- Structural glued laminated timber
- Beam design
- Axial forces and combined loading
- Wood structural panels
- Diaphragms
- Shearwalls
- Wood connections
- Nailed connections
- Bolts, lag bolts, and other connectors

- Connection details and hardware
- Diaphragm-to-shearwall anchorage
- Advanced topics in lateral force design

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Editorial Review

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