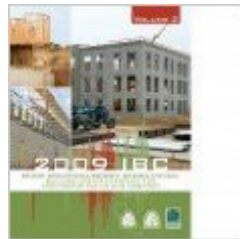# SEAOC Structural/Seismic Design Manual 2009 IBC Vol 2: Building Design Examples For Light-Frame, Tilt-up And Masonry

## Synopsis

The 2009 IBC Structural/Seismic Design Manual provides a step-by-step approach to applying the structural provisions of the 2009 International Building CodeÃ Â®. Volume 2 contains code application examples of light-frame, tilt-up and masonry construction. Diaphragm flexibility, center of mass, collectors and chords, deflection and anchorage are discussed through examples. In and out-of-plane seismic loads are analyzed as well as wind loads. Volume 2 includes Sample structures of wood, cold-formed steel, tilt-up concrete and masonry, including: â ¢Wood Light-frame Residence â ¢Wood Light-frame Residence â ¢Wood Light-frame Three-story Structure â ¢Cold-formed Steel Light-frame Three-story Structure â ¢Masonry Shear Wall Building â ¢Tilt-up Building â ¢Tilt-up Wall Panel with Openings â ¢Code and standard references for each example An excellent reference and study guide for the NCEES Structural Exam. This manual is an invaluable resource for structural and civil engineers, architects, and students.

## Book Information

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Thanks to the publisher and author of this book. I found everything about seismic designs. It's very helpful to my profession as it discussed predictable performance levels and seismic hazards of structures.

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