

# Thomas A. Sabol

Principal

## PROFESSIONAL EXPERIENCE

*Dr. Sabol has been responsible for the structural design and project administration for large-scale building structures including institutional structures, high- and mid-rise commercial buildings, hotels, sports and entertainment and performing arts facilities. His responsibilities include primary client contact, selection and design of structural systems, direction of construction document preparation, and construction administration.*

*In addition to his structural design experience, Tom Sabol has extensive experience in the evaluation of earthquake safety of structures and has directed numerous projects investigating the seismic and wind behavior of structures. These projects involved developing seismic loading criteria, performing the earthquake engineering analysis and, where required, preparing construction documents for the seismic mitigation work. An area of particular personal interest is in the restoration and seismic rehabilitation of historic buildings. He has directed wind studies of structures to investigate pedestrian comfort, frame pressures, cladding pressures, and natural ventilation.*

*Dr. Sabol is an Adjunct Associate Professor of the Civil and Environmental Engineering Department at UCLA where he teaches graduate and undergraduate courses focusing on earthquake engineering, structural steel, and tall building design. He is a registered Civil and Structural Engineer and Architect (License # 14517) in the State of California and a Professional Engineer in 5 additional states. Dr. Sabol has directed the structural design of many diverse projects including:*

### Getty Center, Los Angeles

- Museum
- Getty Conservation Institute (Laboratory)
- Trust Office Building
- Center for History of Art (Library)
- Auditorium
- Parking Structures (2)

### California Science Center, Phases I and II, Los Angeles

- Museum
- Offices
- Theater
- Aquarium

### Science Laboratories, UCLA (3)

Science Laboratory, UC Riverside  
Price Student Center Expansion, UCSD  
Indian Wells Tennis Garden, Indian Wells

### Seismic evaluation and strengthening projects include:

UCLA Seismic (Over 50 strengthening/evaluation projects) Los Angeles County Medical Centers (6)  
Biltmore Hotel, Los Angeles 26 Federal Plaza, New York: 41 stories  
Doheny Library, USC UCLA Center for Health Sciences (10 hospital buildings)

## EDUCATION

California Polytechnic State University, San Luis Obispo, BS, Architectural Engineering, 1979  
University of California, Los Angeles, MS, Civil: Structural and Earthquake Engineering, 1982  
University of California, Los Angeles, Engr., Civil: Structural and Earthquake Engineering, 1984  
University of California, Los Angeles, Ph.D., Civil: Structural and Earthquake Engineering, 1985  
Loyola Marymount University, MBA, Management, 1997

## PROFESSIONAL AFFILIATIONS

Earthquake Engineering Research Institute American Institute of Architects  
Structural Engineers Association California Los Angeles Tall Buildings Structural Design Council

## SPECIAL RECOGNITION

Professional Achievement Award, University of California, Los Angeles School of Engineering and Applied Sciences (2004)  
Engineer of the Year, Structural Engineers Association of Southern California (2003)  
Member, Seismic Design Provisions Committee, American Institute of Steel Construction  
Past-Chair, Seismology Committee, Structural Engineers Association of Southern California  
Lead Guideline Writer, SAC Joint Venture  
President, Los Angeles Tall Buildings Council (1994-1995, 2003-2004)  
Past-Member, NEHRP Provisions Update Committee, Building Seismic Safety Council  
Past-Associate Editor, *Spectra*, Earthquake Engineering Research Institute  
Honored Alumnus, College of Architecture and Environmental Design, Cal Poly, San Luis Obispo

## PUBLICATIONS

Dr. Sabol is the author of Chapter 12, "Design of Nonstructural Elements," of the *Handbook of Earthquake Engineering*. He has also authored or co-authored over 50 technical papers and research reports on structural and earthquake engineering that have been published in professional journals and conference proceedings throughout the world. A complete listing of his publications is available upon request.

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