

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 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 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
Civic Center, San Jose
United States Courthouse, San Diego
Heritage Learning Center, Los Angeles
Indian Wells Tennis Garden, Indian Wells
Student Union Expansion, San Jose State University

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

Seismic evaluation and strengthening projects include:

UCLA Seismic (Over 50 strengthening/evaluation projects)
Biltmore Hotel, Los Angeles
Doheny Library, USC
Los Angeles County Medical Centers (6)
26 Federal Plaza, New York: 41 stories
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
Structural Engineers Association California
American Institute of Architects
Los Angeles Tall Buildings Structural Design Council

SPECIAL RECOGNITION

George C. Winter Award, American Society of Civil Engineers
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 60 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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ENGLEKIRK & SABOL

Consulting Structural Engineers, Inc.

Los Angeles
Orange County
Honolulu
Guam

2116 Arlington Avenue
Los Angeles, CA 90018-1398
323.733.6673 323.733.8682 fax
www.Englekirk.com

