# Thomas A. Sabol

**Principal**

### Office

***San Jose Civic Center***
*San Jose, CA  18 Stories*

***Biltmore Office Tower***
*Los Angeles, CA  25 Stories*

### Hospitality/Residential

***Cosmopolitan Square Project***
*San Diego, CA  35 Stories*

***Millennium Biltmore Hotel***
***Expansion & Seismic Retrofit***
*Los Angeles, CA  17 Stories*

***Pomona College***
***Residence Halls and Parking Structure***
*Claremont, CA  152,933 sf*

***University of California, Los Angeles***
***Sunset Village Residential Complex Repair – Delta Terrace***
*Los Angeles, CA*

***University of California, Los Angeles***
***Hedrick North Residence Hall Peer Review***
*Los Angeles, CA*

***California Polytechnic State University,***
***San Luis Obispo Residence Hall Campus Seismic Study***
*San Luis Obispo, CA*

***University of California, Los Angeles***
***Rieber North & Rieber West Residence Halls Peer Review***
*Los Angeles, CA*

***Private Residence***
*Malibu, CA  40,000 sf*

### Parking

***Wilshire Boulevard Temple Parking Structure***
*Los Angeles, CA  500 Spaces*

***County of Los Angeles***
***San Fernando Valley Family Support Center Parking Structure Design Criteria***
*Van Nuys, CA  435,483 sf*

***Cedars-Sinai Parking Structure 4 Upgrade***
*Los Angeles, CA  6 Stories Above, 3 Levels Below*

***Los Angeles Unified School District***
***Robert F. Kennedy Community Schools Parking Structure***
*Los Angeles, CA  2 Stories, 442 Spaces*

***Pomona College***
***Student Housing Parking Structure***
*Claremont, CA  1 Subterranean Level*

***Getty Center***
***North Entry Parking Structure***
*Los Angeles, CA  7 Subterranean Levels, 1,200 Spaces*

### 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, Dr. 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 the State of Illinois, Nevada, New York, Pennsylvania, New Jersey, and Virginia.

### 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
Los Angeles Tall Buildings Structural Design Council
Structural Engineers Association of Southern California

### 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.