

Gina Sandoval

Associate Principal



Education

B.S. Structural Engineering
Stanford University, Stanford, 1997

M.S. Structural Engineering
Stanford University, Stanford, 1999

Registration

California - Structural Engineer, 2004
License No. 4855

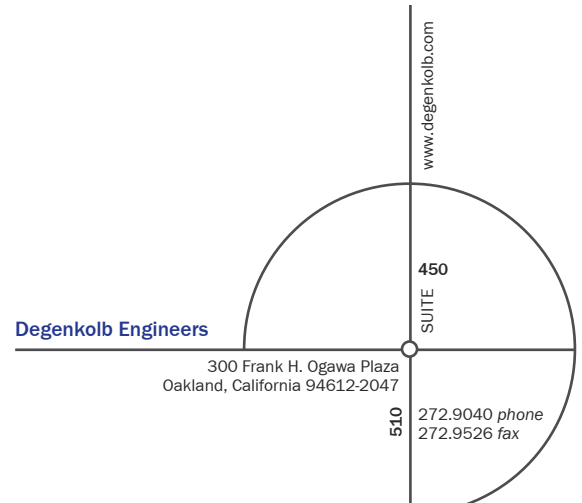
California - Civil Engineer, 2001
License No. 62477

Professional Affiliations

Structural Engineers Association of Northern California

Earthquake Engineering Research Institute

Gina Sandoval joined Degenkolb in 1999 after receiving her Master of Science degree in Structural Engineering from Stanford University. Gina's portfolio includes numerous seismic evaluations and retrofits including complex projects on historic buildings, healthcare facilities, and educational laboratories.



Gina Sandoval

Relevant Experience

Project Experience

Sutter Solano, NPC 3/3R Compliance Upgrade

Vallejo, California

Project Manager. The campus consists of 4 buildings that provide acute services as defined by SB 1953. To meet the requirements of the NPC 3 and NPC 3R performance category, nonstructural components in Critical Care Areas, such as clinical labs, pharmaceutical spaces, radiology, central and sterile supplies areas must be braced to the requirements of the California Building Code. In addition, equipment in physical plants that provide service to these areas must also be braced.

Studio One Art Center

Oakland, California

Designing the \$7 million retrofit and modernization of this historic two-story unreinforced masonry structure that serves as an art center for the Oakland community. Schemes currently being explored include the addition of steel braced frames or shotcrete walls at the ground floor and new plywood shear walls at the second floor. Structural engineering scope of services will also include work related to modernization of HVAC systems and interior planning.

Kaiser Walnut Creek, Data Center, Tenant Improvement and Strengthening

Walnut Creek, California

Design the tenant improvements and seismic strengthening of a two-story, 49,000 square-foot, building that includes data center space. This building consists of exterior precast bearing wall panels, a post-tensioned second floor slab, and a wood roof supported by long-span glulam beams.

Kaiser Foundation Health Plan, Inc.

Sacramento, California

Performed a seismic evaluation of existing buildings for the Office of Statewide Health Planning and Development as part of the Senate Bill 1953 legislation. The evaluation assessed the existing structural systems and proposed strengthening schemes when necessary.

Community Medical Center of Fresno

Fresno, California

Performed a seismic evaluation of existing buildings for the Office of Statewide Health Planning and Development as part of the Senate Bill 1953 legislation. The evaluation assessed the existing structural systems and proposed strengthening schemes when necessary.

Additional Projects

Valley Memorial Hospital, Livermore, California

Corcoran District Hospital, Corcoran, California

Alta Bates Medical Center, Herrick Campus,
Berkeley, California

Lawrence Livermore National Laboratory, Building
231, Livermore, California

University of California Davis Genome Launch
Facility, Davis, California