

Richard Franco

Structural Engineer and Associate Principal



Education

B.S. Architectural Engineering
California Polytechnic State University,
San Luis Obispo, 1995

M.S. Civil Engineering
University of California, Berkeley, 1996

Registration

California - Structural Engineer, 2006
License No. 4886

California - Civil Engineer, 1999
License No. 58940

Professional Affiliations

Structural Engineers Association of Southern California

Earthquake Engineering Research Institute

American Institute of Steel Construction

Degenkolb Engineers Board of Directors,
Member 2005-2006

Richard Franco joined Degenkolb in 1996 after receiving his Masters of Science degree from the University of California, Berkeley. Bringing intensity and enthusiasm to his work, Richard provides expert advice and design solutions for seismically upgrading facilities across California. As a project manager, Richard is committed to helping clients meet the demands of ensuring the safety of crucial facilities. He skillfully showcases his talent for new design, seismic evaluation, and rehabilitation work on behalf of such clients as Catholic Healthcare West, Cedars-Sinai Medical Center, and Scripps Health. Richard is currently an active contributor to the Degenkolb Engineers Board of Directors and SEAOSC.

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Relevant Experience

County of San Diego Medical Examiner and Forensics Center, San Diego, California

Design a 2-story, 84,000 square foot building incorporating steel beams and columns supporting concrete.

Holliston United Methodist Church, Seismic Evaluation, Pasadena, California

Seismically evaluate, recommend retrofit schemes and provide a cost estimate, for two 1923, 2-story unreinforced masonry buildings, comprising a church and school.

Costa Mesa City Buildings, Costa Mesa, California

Designing the seismic upgrade and repair of the Costa Mesa City Police Station.

Hewlett-Packard Company, San Diego, California

Preparing a detailed seismic study of three fabrication buildings to develop conceptual schemes to bring the buildings from a life-safety performance level to an immediate-occupancy performance level.

GE Capital Commercial Real Estate, Financing and Services, Western United States

The seismic risk assessments provide Probable Maximum Loss assessments (PML) and determinations of the post-event continuous occupancy.

Sports Arena Complex, Claremont McKenna College, Claremont, California

Provided schematic design services for a multi use sports complex facility. The complex includes a basketball arena with a seating capacity of approximately 6,000, several open spaces for mixed use, office space, and locker rooms.

El Camino College Facilities Master Plan, El Camino Community College District, Torrance, California

Provided Master Planning Structural Engineering services including a seismic assessment of twenty-five buildings on the El Camino College Campus.

Dabney Hall of Humanities Building, California Institute of Technology, Pasadena, California

Renovation of two existing buildings constructed in 1927. Dabney Hall consists of a 25,000 sf three story plus basement building and Lounge Hall consists of a 5,000 sf one story plus basement building.

Additionally

Arroyo Vista Housing, Structural Evaluation, University of California, Irvine, California

House Ear Institute Los Angeles, Expansion, Construction Services, Los Angeles, CA

Ridgecrest Hospital SB1953 Update, Ridgecrest, CA

Scripps Mercy Hospital Emergency Department, Retaining Wall, San Diego, CA

UCI Middle Earth, Shower Investigation, Irvine, CA