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Stanley Low is an Associate Principal with Earthquake Protection Systems and he provides the seismic isolation engineering support to the architectural and engineering team. He works with the AE to recommend a seismic isolation bearing that meets their seismic performance objective. He provides the isolator properties, modeling, and technical support as required.

Stanley Low has been the primary engineering designer for many completed seismic isolation projects. Also, he has performed extensive structural analyses of the seismic response of seismically isolated structures using various linear and nonlinear time history analysis programs, and participated in several seismic isolation test programs.

Mr. Low developed analysis-modeling techniques to model the response of Friction Pendulum isolators and isolated structures, and implemented analysis techniques and element models within nonlinear computer programs. He was the design Structural Engineer and Engineer of Record for the seismic strengthening and seismic isolation of the Marina Apartments, the first Friction Pendulum seismically isolated building in Northern California. Mr. Low has worked for EPS since 1986 and during that time he has designed the seismic isolation bearings for hundreds of seismic isolation projects worldwide, representing billions of dollars in construction. These projects include: the Sakhalin Offshore Platforms, Peru LNG Tanks, San Francisco International Airport Terminal, and San Francisco General Hospital. His role also includes construction support for bearing installation, and testing of prototype and production bearings.

Previously, while at Burkett and Wong Engineers, he completed a variety of different structural designs for steel, masonry, concrete, and wood buildings. While at U.C. Berkeley, Mr. Low performed experimental research on the inelastic response of reinforced concrete columns subjected to multi-directional cyclic loading.

Education:

M.E., Structural Engineering, U.C. Berkeley, 1986

M.S., Structural Engineering, U.C. Berkeley, 1984

B.S., Civil Engineering, U.C. Berkeley, 1983

Professional Registrations:

Licensed Structural Engineer, State of California, (1989)

Licensed Civil Engineer, State of California, (1984)