



RESUME

Name: Wayne David Magnusen

Education: University of California, Berkeley, BSCE, 1983, Civil Engineering
University of California, Berkeley, MSCE, 1988, Geotechnical Engineering

Registration: Civil Engineer, California
#C60415, May 2000
Geotechnical Engineer, California
#2705, 2006

Experience: January 2004 - present
Alan Kropp & Associates, Berkeley, California
Associate Engineer (2006-present), Senior Engineer (2004-2006)
Responsible for geotechnical project management and business development.

September 1996 - January 2004
Fugro West, Inc. / Subsurface Consultants, Inc., Oakland, California
Associate Engineer and Geotechnical Group Manager (2001-2003), Senior Engineer (1996-2000)
Responsible for geotechnical project management for major transportation, public development and building projects. Managed geotechnical investigations and consulted on a wide variety of projects including schools, justice and correctional facilities, commercial and office buildings, heavy and light rail, roadways, and landslide stabilization. Developed specialized expertise in geologic hazard evaluation and the design, installation and testing of foundations for seismic upgrades. Provided geotechnical peer reviews for grading and development projects for cities, county agencies, and attorneys. Also responsible for geotechnical group management which included chairing group meetings, managing workload, developing QA/QC standards, reviewing professional reports, and consulting with staff on geotechnical projects. Responsible for managing project pursuits which included preparing geotechnical proposals and SOQs, giving client presentations, and participating in client interviews.

September 1993 - September 1996
Harding Lawson & Associates, Inc.
Project Engineer
Managed geotechnical investigations and services during construction for a variety of projects including buildings, hospitals, roadways, and airfields. Provided specialized geotechnical field observation during installation and testing of driven piles, tiebacks and tiedowns, and during permeation and compaction grouting. Evaluated geotechnical properties of soils including expansion potential, liquefaction susceptibility and strength. Conducted a wide variety of engineering analyses that included evaluating axial and lateral pile capacity and deflections, bearing capacity, lateral pressures, settlement, liquefaction potential, liquefaction-induced settlement and lateral displacements, and slope stability. Prepared engineering letters and reports.

June 1983 - August 1987

Harding Lawson & Associates, Inc.

Staff Engineer

Provided geotechnical field observation for building and grading projects. Duties at this level included assisting in layout and implementation of field explorations and laboratory testing programs, providing engineering observation of foundation construction and grading projects, installation and sampling of environmental monitoring wells, and conducting engineering analyses. Developed expertise in conducting geotechnical field investigations onshore and offshore using a wide variety of drilling and sampling equipment. Observed and monitored pier and pile installation, pile load testing, general earthwork, and hillside grading.