Civil Engineering Design Group
CIVIL & STRUCTURAL

CURRICULUM VITAE

MASSOOD GASKARI, P.E., President
Private Eyes Engineers (Since 1986)
Civil Engineering Design Group (Since 2005)

EDUCATION:

- *Bachelor of Science, Construction Management, University of Colorado, 1977*
- *Bachelor of Science, Civil Engineering, University of Colorado, 1979*
- *Successfully completed several structural design courses at "Continuing Professional Education Institute" towards obtaining a master's degree in Structural Engineering, 2001-2002*

PROFESSIONAL QUALIFICATIONS:

- *Registered Professional Engineer (P.E.), California, RCE 47303, Expires 12-31-2013*

EXPERIENCE:

Engineering:

- *President and majority owner of "Private Eyes Engineers" since 1986, and president and majority owner of "Civil Engineering Design Group" since 2005. Private Eyes Engineers specializes in forensic assessment of existing buildings in relation to structural elements, and in the way these elements behave in relation to the underlying soil. The assessments are aimed to identify if deficiencies exist in the structural elements and/or if deficiencies exist in the underlying soil. The outcome of the assessments leads to recommendations for repair. Detail design of repairs (including permitting and/or repair observations) is also a part of the services provided by the company. Civil Engineering Design Group (CDG) provides full service engineering design for the development of residential and commercial projects. The range of services for this company includes providing soils investigation for grading operations and for foundation design, land development design including precise grading plans, hydrology reports, storm water technical studies, and storm water runoff management. CDG also performs structural analysis and design for*

residential, industrial, and commercial buildings, including complete analysis of vertical and lateral loads affecting buildings and provides detail design of the structural systems for construction documents.

Mr. Gaskari routinely performs and/or manages civil engineering design, structural analysis, and/or detailed design for buildings, both residential and commercial. Mr. Gaskari is an expert in the structural design including various types of foundations, framing systems for various construction materials, simple to complex retaining walls, and floor slabs for any geological conditions. He has solved many complex site grading, drainage and/or moisture related issues associated with building construction.

- *Prior experience includes over seven years of design engineering position with project management responsibility for medium to large commercial and residential projects through a large consulting civil and structural engineering firm in Denver, Colorado (1980 through 1986).*

Construction Management:

- *Mr. Gaskari and his team of engineers and construction managers over the past 25 years have successfully managed and/or assisted their clients with numerous construction projects from project inception to the final walk-through.*

- *Prior experience includes over six years of construction management experience, managing large facilities projects for commercial and industrial buildings that included contracts of up to $300 million (1987 through 1993).*

Forensic Inspections:

- *Over 25 years of inspection services, from 1986 to present. Has performed over 5000 forensic inspections related to soils and/or structural assessment of residential, industrial, and/or commercial buildings.*

- *Has performed numerous code compliance inspections and designed for corrective measures to mitigate deficiencies and to obtain local agency approvals of such mitigation measures.*

- *Routinely performs technical investigations, analysis, and load calculations for soils, foundations, and/or the structural framing of buildings, including complete lateral (i.e. seismic) load analysis and design. Mr. Gaskari has a full understanding of the structural systems and/or the foundation design related to residential and/or commercial/industrial buildings.*

PROFESSIONAL AFFILIATIONS:

- *California Real Estate inspection Association (CREIA)*
- *American Society of Civil Engineers (ASCE)*
- *Structural Engineering Institute (SEA)*