CURRICULUM VITAE – SAMUEL W. NOLAN

Supervising Engineer

Current Address

COTTON, SHIRES AND ASSOCIATES, INC.
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Los Gatos, California 95030
Phone: (408) 354-5542
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Registrations

Registered Professional Civil Engineer in California, No. 84148
Registered Geotechnical Engineer in California, No. 3191
Qualified SWPPP Developer (QSD), No. 26142

Education

MS, Geotechnical Engineering, University of California, Berkeley, California, 2014
BS, Civil Engineering, California Polytechnic University, San Luis Obispo, California, 2011

Professional History

Supervising Engineer, Cotton, Shires and Associates, Inc. December 2021 to present
Senior Engineer, Cotton, Shires and Associates, Inc. December 2016 to present
Senior Staff Engineer, Cotton, Shires and Associates, Inc. June 2014 to December 2016
Staff Engineer, Cotton, Shires and Associates, Inc., July 2011 to July 2013
Staff Engineering Intern, SPI Consulting, Summer 2009
Engineering Intern, Sandis: Civil Engineers, Surveyors, and Planners, Summer 2007

Representative Experience

Mr. Nolan is a licensed professional civil engineer in California with over 10 years of experience in the field of geotechnical engineering. As a Supervising Engineer with Cotton, Shires and Associates, Mr. Nolan has conducted geotechnical analyses on over 100 projects in both southern and northern California, Utah, Hawaii and Idaho and has managed multiple projects involving investigation, laboratory testing, analysis, report preparation, preparation of design drawings and specifications and construction observation, special inspection and testing. Mr. Nolan specializes in the investigation and analysis of landslides, slope instability, liquefaction and foundation issues. Mr. Nolan also assists with peer review of residential, commercial and infrastructure projects for several cities, counties, and has served on review boards for large projects for private clients. He also has provided several cities and townships with full design packages and recommendations to maintain infrastructure and safety. He also provides forensic investigation and analyses for legal cases.

His areas of expertise include:

- Slope Stability (2D and 3D)
- Seismic response
- Liquefaction analysis
- Deformation analysis
- Construction observation and testing
- Foundation analysis
- Design of repairs and mitigation of slope instability and foundation distress