

## ***CURRICULUM VITAE - SAMUEL W. NOLAN***

Senior Staff Engineer

### **Current Address**

COTTON, SHIRES AND ASSOCIATES, INC.  
330 Village Lane  
Los Gatos, California 95030  
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### **Registration**

Registered Professional Civil Engineer in California, No. 84148

### **Education**

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

### **Representative Experience**

Mr. Nolan is a licensed civil engineer in California and has experience in the field of geotechnical engineering including slope stability analysis and design, lateral support system analysis and design, seismic analysis and foundation design. As a senior staff engineer, Mr. Nolan has assisted Cotton, Shires and Associates (CSA) with the following: topographic surveying, floor level surveying, crack mapping, installation and monitoring of inclinometers, extensometers, piezometers, and wells, slope stability analysis, seismic response analysis and liquefaction analysis, logging of exploratory boreholes and test pits, compaction testing, laboratory testing (Atterberg ASTM D4318, Sieve ASTM C136, 200 wash ASTM D1140, Compaction curves ASTM D1557, Hydrometer ASTM D422, Moisture content ASTM D2216, Wet and dry density), and experience carrying out peer reviews of on-going and proposed work done in the bay area.

Mr. Nolan is proficient with the following programs to carry out the above mentioned tasks: AutoCAD, Digipro, Geo-Slope SLOPE/W, HydroCAD, Plaxis, Retain Pro, Shake2000, and various programs within the Rocscience suite.

### **Professional History**

Senior Staff Engineer, Cotton, Shires and Associates, Inc. June 2014 to present  
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