

**Education**

B.S. Civil Engineering, 2008
California Polytechnic State University,
San Luis Obispo

Registration

Civil Engineer
State of California
No. 79596

Professional Affiliations

American Society of Civil Engineers
Structural Engineers Association of
Northern California

Garrett Roffe, P.E.

Engineer III

Professional Qualifications

Mr. Roffe has over nine years of structural engineering experience and has been with MME since 2011. He has worked on a variety of projects including commercial, educational, residential, and municipal facilities in various locations across the United States.

He is well versed in mechanics of materials and applying sound engineering principles to analysis. The use of steel, concrete, wood, and masonry materials, along with computer modeling techniques allows his designs to meet current code standards.

Mr. Roffe is experienced in the analysis, design and development of construction documents including engineering calculations, drawings and technical specifications.

Mr. Roffe is experienced in construction administration for a variety of projects. Garrett performs field observations, documenting working conditions, preparing field reports, site observation logs, and progress reports, reviewing shop drawings for conformance with the construction documents and, responding to RFI's and change orders with exemplary attention to detail. His design skills have proved useful during construction as Garrett is able to correctly interpret the construction documents and guide owners and contractors so the as-built construction conforms to the original design intent.

He regularly utilizes structural analysis software such as TEDDS, RISA, Enercalc, PCA column and other specialized programs; and is proficient at producing design drawings using AutoCAD software.

Garrett has also been intimately involved in the design of solar support structures for building roof, parking canopy and ground mounted PV systems.