



## George McCluskey

PE, SE

Senior Managing Engineer

Department  
Engineering

Tel: (916) 847-6179

Email: [george.mccluskey@yaeservices.com](mailto:george.mccluskey@yaeservices.com)

### Locations

San Francisco, CA  
Sacramento, CA

## Biography

George McCluskey is a structural engineer with 16 years of experience including building analysis, design, construction of new structures. His forensic engineering experience includes structural damage assessments of existing industrial, residential, and commercial structures from various causes including earthquake, fire, vehicle impacts, construction defect, among others. He also has experience with civic/public, educational and healthcare facilities and has performed building envelope damage assessments related to wind/hail and water intrusion damage.

## Education

- California Polytechnic State University | San Luis Obispo, CA  
Bachelor of Science - Architectural Engineering
- University of California | Davis, CA  
Master of Science - Civil Engineering (Structural)

## Professional Experience

- 2022 - Current | Senior Managing Engineer | YA Engineering Services
- 2021 - 2022 | Senior Project Manager | YA Engineering Services
- 2015 - 2021 | Structural Engineer | Envista Forensics
- 2006 - 2015 | Senior Associate | Buehler & Buehler Structural Engineers

## Areas of Practice

- Building Code Upgrade Review
- Building Envelope
- Condition Assessment
- Construction Administration
- Damage Assessment
- Earthquake Engineering
- Failure Analysis
- Repair and Rehabilitation Design
- Roofing
- Structural Analysis

## Representative Consulting Assignments

- Airport Parking Structure - Structural Damage Assessment  
Kahului, HI | Evaluation of the partial collapse of concrete formwork that resulted in damage to a concrete mat slab.
- Residential Tower - Construction Defect Assessment  
Honolulu, HI | Evaluation of the construction of a canopy at the ground level of a residential tower.
- Commercial Retail Chain Properties - Vandalism/Fire Damage Assessment  
Santiago, Chile | Evaluation of building damage for international retail chain stores due to political violence.
- Transit Terminal - Structural Damage Assessment

- San Francisco, CA | Evaluation of damage to the steel superstructure of a transportation terminal.
- Masonry Building - Partial Building Collapse  
Ardmore, OK | Evaluation of the partial collapse of an existing unreinforced masonry building as a result of construction work in an adjacent lot.
- Concrete/Asphalt Plant Facility - Structural Damage Assessment  
Hilo, HI | Evaluation of wind damage to three industrial structures.
- Wood-Framed Residential Building - Fire Damage Assessment  
Houston, TX | Evaluation of fire damage and repair recommendations to a residential condominium building.
- Multi-Family Housing - Wind Damage Assessment  
Las Vegas, NV | Evaluation of wind damage to roofing and exterior finishes of multiple buildings in a residential complex.
- Manufacturing Facility - Fire Damage Assessment  
Irapuato, Mexico | Evaluation of damage and repair recommendations for a steel and metal framed factory.
- Metal Buildings - Hail Damage Assessment  
Snyder, TX | Evaluation of the metal roofs of several agricultural buildings for damage from a hailstorm.
- Commercial Property Project - Construction Defect Assessment  
Carmel, CA | Evaluation of damage from construction activity at a property under development.
- Nuclear Maintenance Facility - Concrete Damage Assessment  
Pearl Harbor, HI | Evaluation of damage to the concrete walls in a newly constructed concrete building.
- College Classroom Building - Building Envelope Assessment  
Oakland, CA | Evaluation of water damage to interior finishes in a newly constructed college building.
- Residential Tower - Structural Damage Assessment  
Honolulu, HI | Evaluation of damage to concrete walls in a 40-story residential building.
- Industrial Warehouse - Vehicle Impact damage Assessment  
Union City, CA | Evaluation of damage from a partial collapse of the roof of a building due to a vehicle impact.
- Masonry/Steel Warehouse - Foundation Damage Assessment  
Honolulu, HI | Evaluation of foundation damage at two warehouse buildings.
- Residential Condominium Complex - Construction Defect Assessment  
Kona, HI | Evaluation of damage to cladding assembly at several building in a condominium complex.
- Wood-Framed School Property - Tornado Damage Assessment  
Dallas, TX | Evaluation of tornado damage to the roof of a school.

## Licenses

- Arizona | 62315 | Structural Engineer
- California | 77344 and 6223 | Professional Engineer (Civil and Structural)
- Colorado | 52619 | Civil Engineer
- Florida | 95299 | Civil Engineer
- Hawaii | 16914 | Structural Engineer
- Nevada | 24299 | Structural Engineer
- Oklahoma | 29108 | Structural Engineer
- Oregon | 96570 | Civil Engineer
- Texas | 122869 | Civil Engineer
- Washington | 53459 | Civil Engineer