



## George McCluskey

PE, SE

### Regional Manager and Senior Managing Engineer

#### Department

Engineering Services

**Tel:** (916) 847-6179

**Email:** george.mccluskey@yaeservices.com

#### Locations

San Francisco, CA  
Sacramento, CA  
Honolulu, HI

## Biography

George McCluskey is a structural engineer with 18 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.

## Credentials

- PE | Professional Engineer
- SE | Structural Engineer

## Representative Consulting Assignments

- 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.
- 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.
- Masonry/Steel Warehouse - Foundation Damage Assessment | Honolulu, HI | Evaluation of foundation damage at two warehouse buildings.
- Wood-Framed Residential Building - Fire Damage Assessment | Houston, TX | Evaluation of fire damage and repair recommendations to a residential condominium building.
- Concrete/Asphalt Plant Facility - Structural Damage Assessment | Hilo, HI | Evaluation of wind damage to three industrial structures.
- 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.
- Metal Buildings - Hail Damage Assessment | Snyder, TX | Evaluation of the metal roofs of several agricultural buildings for damage from a hailstorm.
- Manufacturing Facility - Fire Damage Assessment | Irapuato, Mexico | Evaluation of damage and repair recommendations for a steel and metal framed factory.
- 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.
- Commercial Property Project - Construction Defect Assessment | Carmel, CA | Evaluation of damage from construction activity at a property under development.
- Residential Tower - Construction Defect Assessment | Honolulu, HI |

Evaluation of the construction of a canopy at the ground level of a residential tower.

- 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.
- 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.
- Transit Terminal - Structural Damage Assessment | San Francisco, CA | Evaluation of damage to the steel superstructure of a transportation terminal.
- Commercial Retail Chain Properties - Vandalism/Fire Damage Assessment | Santiago, Chile | Evaluation of building damage for international retail chain stores due to political violence.

## Professional Experience

- 2023 - Current | Regional Manager and Senior Managing Engineer | YA Engineering Services
- 2022 - 2023 | 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

## Area 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

## Education

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

## Affiliations

- American Concrete Institute (ACI)
- American Institute of Steel Construction (AISC)
- Structural Engineers Association of Northern California (SEAONC)

## Licenses

- 62315 - Arizona - Structural Engineer

- 77344 and 6223 - California - Professional Engineer (Civil and Structural)
  - 52619 - Colorado - Civil Engineer
  - 95299 - Florida - Civil Engineer
  - 16914 - Hawaii - Structural Engineer
  - 24299 - Nevada - Structural Engineer
  - 28645 - New Mexico - Structural Engineer
  - 96570 - Oregon - Civil Engineer
  - 122869 - Texas - Civil Engineer
  - 53459 - Washington - Civil Engineer
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