



George McCluskey

PE, SE

Regional Manager and Senior
Managing Engineer

Department

Engineering

Tel: (916) 847-6179

Email: 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

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

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

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

- 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.

Affiliations

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

Credentials

- PE | Professional Engineer
- SE | Structural Engineer

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