



George McCluskey

SE, PE

Senior Project Manager

Department
Engineering

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

Professional Experience

- 2021 - Current | 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.
- 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.
- 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.
- Manufacturing Facility - Fire Damage Assessment
Irapuato, Mexico | Evaluation of damage and repair recommendations for a steel and metal framed factory.
- 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.
- College Classroom Building - Building Envelope Assessment
Oakland, CA | Evaluation of water damage to interior finishes in a newly constructed college building.
- Nuclear Maintenance Facility - Concrete Damage Assessment
Pearl Harbor, HI | Evaluation of damage to the concrete walls in a newly constructed concrete building.
- Commercial Property Project - Construction Defect Assessment
Carmel, CA | Evaluation of damage from construction activity at a property under development.
- 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.
- 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.
- 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.

Licenses

- Arizona | 62315 | Structural Engineer
- California | 77344 and 6223 | Professional Engineer (Civil and Structural)
- Colorado | 52619 | 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