



## Michael Goldenberg

P.E., M.S.

Senior Associate

### Department

Engineering Services

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### Locations

San Francisco, CA

## Biography

Michael Goldenberg is a Senior Associate with experience in structural design, facade design, and forensic building envelope investigations. Michael graduated from Cal Poly, San Luis Obispo in 2020. His structural experience includes design of steel, timber, and post-tensioned concrete structures with an emphasis on seismic design. His facade experience includes design of aluminum, glass, FRP, and connections to the primary structure, as well as selection of facade systems to optimize structural, thermal, and energy performance. Michael also has forensic experience as it relates to the building envelope, including water intrusion and facade collapse.

## Credentials

- P.E. | Professional Engineer
- M.S. | Master of Science
- CAL OSHA Certification - 10 Hour

## Representative Consulting Assignments

- High Rise Condominium | Treasure Island, FL | Hurricane Damage Assessment | Evaluation of damage to high rise condominium complex from Hurricane Helene including wind damage to fenestrations, interior moisture intrusion, and exterior roofing and cladding damage.
- High Rise Hotel | Tampa, FL | Hurricane Damage Assessment | Evaluation of damage to high rise hotel structure from Hurricane Milton including wind damage to fenestrations, interior moisture intrusion, and exterior roofing and cladding damage.
- Residential Apartment Complex | San Francisco, CA | Construct Defect Evaluation | Evaluation of alleged construction defects, primarily regarding exterior building envelope at a 4 story, brand-new apartment complex.
- Wood Framed Residential Building | San Francisco, CA | Roof Collapse Assessment | Evaluation of structural damage to single family home following collapse of the roof.
- Log Cabin | Quincy, CA | Snow Damage Assessment | Evaluation of snow damage to single-family log cabin.
- Masonry Wood Structure | Susanville, CA | Fire Damage Assessment | Evaluation of fire damage to an office building.
- Residential Apartment Complex | San Jose, CA | Fire Damage Assessment | Evaluation of fire damage to a six units in a wood-framed multi-family apartment complex.
- Wood Framed Residential Building | San Francisco, CA | Water Intrusion Assessment | Evaluation of water damage, including cause & origin, to single family home following collapse of the roof.

## Professional Experience

- 2024 - Current | Senior Associate | YA Engineering Services
- 2022 - 2024 | Facade Engineer | Thornton Tomasetti
- 2020 - 2022 | Structural Designer | Buehler Engineering

## Area of Practice

- Building Code Upgrade Review
- Building Envelope
- Damage Assessment
- Earthquake Engineering
- Failure Analysis
- Repair and Rehabilitation Design
- Roofing
- Seismic Evaluations and Retrofit Design
- Seismic Risk Assessment
- Structural Analysis
- Water Leakage Testing and Analysis
- Condition Assessment

## Education

- California Polytechnic State University, San Luis Obispo - Master of Science - Architectural Engineering - San Luis Obispo - California
- California Polytechnic State University, San Luis Obispo - Bachelor of Science - Architectural Engineering - San Luis Obispo - California

## Licenses

- 96510 - California
  - 100139 - Florida
  - 052997 - Georgia
  - 033401 - Nevada
  - 059287 - North Carolina
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