

Emmy Young | Associate II



EDUCATION

- University of California, San Diego
 - Bachelor of Science, Structural Engineering, Nondestructive Evaluation focus, 2016
- Roger Williams University
 - Master of Science, Historic Preservation, 2018

PRACTICE AREAS

- Historic Preservation
- Facade Assessment
- Failure/Damage Investigation
- Repair and Rehabilitation
- Roofing and Waterproofing
- WUFI® Analysis

CONTACT

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EXPERIENCE

Emmy Young's project experience includes assessment, investigation, testing, design, and repair of new and existing buildings. Her projects encompass various building materials and systems, including brick, concrete, stucco, below-grade waterproofing, and membrane roofing. Ms. Young also possesses expertise with modeling and hygrothermal analysis of building enclosure systems using WUFI®.

Ms. Young's primary focus is on historic and existing building enclosures and building structures. She also has experience in below-grade waterproofing, facade, and roof design for new structures. Her expertise includes investigation, assessment, construction documentation, observation, and construction administration services. Ms. Young has performed investigations and assessments of damage from fire to water leakage and has assisted in the recommendations, repair, restoration, rehabilitation, and preservation of structures.

REPRESENTATIVE PROJECTS

Historic Preservation

- Alcatraz Cellhouse - San Francisco, CA: Construction documents for structural retrofit and architectural rehabilitation
- Aquatic Park Bathhouse - San Francisco, CA: Historic structure report
- Ben Bacon Ranch - Pinnacles, CA: Historic structure report
- Fort Mason Building E - San Francisco, CA: Condition assessment and egress study
- Cove Cottages - Newport Beach, CA: Assessment of as-built conditions and active construction

Facade Assessment

- 450 Mission Street - San Francisco, CA: Survey and preparation of facade report to satisfy the San Francisco facade ordinance
- San Francisco Design Center - CA: Observation for the San Francisco facade ordinance and preparation for repair project
- 1105 Larkin Street - San Francisco, CA: Survey and preparation of facade report to satisfy the San Francisco facade ordinance

Failure/Damage Investigation

- Walnut Creek Garage - Walnut Creek, CA: Below-grade waterproofing failure litigation
- Kaiser Facility - Vallejo, CA: Investigation and testing of leakage in hospital wall, recommendations, and follow-up testing

Repair and Rehabilitation

- 600 California Street - San Francisco, CA: Architectural construction documents and construction phase services for exterior window and masonry facade repair
- Oakland City Center - CA: Investigation and drawings for steel stair repair
- 450 Mission Street - San Francisco, CA: Construction documents for spall repair
- California Secretary of State Building - Sacramento: Leakage investigation and recommendations for repair

Roofing and Waterproofing

- Kaiser Facility - Richmond, CA: Architectural construction documents and construction phase services for reroof and reclad of laboratory facility
- University of California, Berkeley, Weill Hall: Construction documents and construction administration phase services for reroof
- Kapiolani - Honolulu, HI: Construction documents for roofing and waterproofing

WUFI® Analysis

- Vietnam Town - San Jose, CA: WUFI® analysis for potential roof condensation
- Private Residence - Tiburon, CA: WUFI® 2D analysis of exterior deck
- Hotel - Sacramento, CA: WUFI® analysis with mold growth index for wall assembly