PERSONNEL QUALIFICATIONS

Lee Eckert | Senior Associate

EDUCATION

- University of Wisconsin-Milwaukee
  - Bachelor of Science, Architectural Studies, 2011
- Auburn University
  - Master of Integrated Design and Construction, 2012
- University of Oregon
  - Master of Architecture, 2014

PRACTICE AREAS

- Design
- Hygrothermal Analysis
- Litigation Consulting
- Repair and Rehabilitation
- Roofing and Waterproofing

REGISTRATIONS

- Architect in CA and HI
- Certified FAA Remote Pilot
- Certified Passive House Consultant
- Infrared Thermographer - Level 1
- LEED Accredited Professional

PROFESSIONAL AFFILIATIONS

- American Institute of Architects
- International Institute of Building Enclosure Consultants

CONTACT

leckert@wje.com
510.428.2907
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EXPERIENCE

Lee Eckert specializes in building enclosure investigation, evaluation, design, and repair. He has experience in the major aspects of project delivery, including initial investigation and field testing, repair design, construction document preparation, and construction contract administration. Mr. Eckert's focus ranges from evaluating design ideas for new construction, providing litigation support services for cases related to construction defects, identifying the causes of failures, and designing solutions for rehabilitation.

Mr. Eckert's building enclosure experience includes the investigation, evaluation, and design of a variety of facade systems—including curtain wall, storefront, stucco cladding, EIFS, insulated metal panels, glass-fiber reinforced concrete, precast concrete, and terra cotta. He also has experience with waterproofing and roofing systems, including pre- and post-applied below-grade waterproofing, traffic coatings, hot rubber, single-ply, modified bitumen, concrete tile, liquid-applied, and intensive green roofing.

REPRESENTATIVE PROJECTS

Design

- Adobe North Tower - San Jose, CA: Design-assist for below-grade waterproofing and peer review of the building enclosure
- University of California San Francisco, Zuckerberg Research Center: Construction peer review and waterproofing design-assist
- 490 South Van Ness - San Francisco, CA: Construction peer review and waterproofing design services
- The Nueva School - San Mateo, CA: Design of waterproofing systems for campus buildings

Hygrothermal Analysis

- Tongass Museum - Ketchikan, AK: Design of cold-weather enclosure system, including hygrothermal modeling
- 380 Harrison Street - Boston, MA: Hygrothermal modeling for existing enclosure system

Litigation Consulting

- Mixed-Use Development - Walnut Creek, CA: Litigation support for construction defect case
- Modular School Buildings - CA: Litigation support for construction defect case of forty-seven buildings across twelve school campuses

Repair and Rehabilitation

- Kaiser Marina Way South - Richmond, CA: Roofing replacement design, construction administration, and construction observation
- University of California, Berkeley, University Hall: Facade survey to facilitate prioritization of repair and maintenance
- Mountain View City Hall - Mountain View, CA: Roof survey to prioritize repair and maintenance
- 170 State Street - Los Altos, CA: Roofing and waterproofing repair and replacement
- Sacramento Municipal Utility District Headquarters Building - CA: Construction observation of building enclosure repairs
- Fox Theatre - Oakland, CA: Roof and waterproofing conditions survey to prioritize repair and maintenance