



PERSONNEL QUALIFICATIONS

Adrienne Larson | Senior Associate



EDUCATION

- Loyola Marymount University
 - Bachelor of Science, Mechanical Engineering, 2010
- University of Texas at Austin
 - Master of Science, Architectural Engineering, 2012

PRACTICE AREAS

- Concrete Structures
- Roofing and Waterproofing
- Wood Structure Assessment
- Coatings and Sealants

REGISTRATIONS

- Civil Engineer in CA
- Professional Engineer in CO

PROFESSIONAL AFFILIATIONS

- American Concrete Institute
- International Concrete Repair Institute

CONTACT

alarson@wje.com
303.914.4300
www.wje.com

EXPERIENCE

Adrienne Larson has experience with the assessment of existing building facades and structural systems for various markets, including higher education, government, commercial mixed-use, and multifamily residential. She possesses expertise with several building materials, including concrete, timber, coatings and sealants, and below- and above-grade waterproofing and roofing assemblies, balconies, and plazas. In addition to performing condition assessments and water leakage investigations, she also produces construction repair documents and is engaged in construction phase observation and troubleshooting. Ms. Larson serves as co-chair for American Concrete Institute Committee 364-0C and was the 2023 recipient of the International Concrete Repair Institute's 40 Under 40 Award.

REPRESENTATIVE PROJECTS

Concrete Structures

- City of Boulder Parking Garages - CO: Concrete, expansion joint, and traffic coating repairs for six garages
- University of Colorado, Boulder, Engineering Center Pedestrian Bridge: Assessment, repair design, and construction observation for architectural concrete repairs
- Randolph Parking Garage - Boulder, CO: Leakage investigation and conceptual recommendations for expansion joint
- Folsom Auxiliary Spillway - Folsom, CA: Inspection and construction observation during concrete repairs of cast-in-place bearing plates for radial arm floodgates
- Lowes Santa Monica - CA: Assessment, repair design, and construction administration post-tensioned concrete parking garage
- Beverly Wilshire Hotel - Los Angeles, CA: Assessment, repair design, and construction observation for concrete balcony repairs
- Santa Ana Federal Courthouse - CA: Assessment, repair design, and construction observation precast architectural concrete facade panels
- John Anson Ford Amphitheatre - Los Angeles, CA: Historic concrete repair documents and construction observation

Roofing and Waterproofing

- Villa Montane Plaza - Avon, CO: Waterproofing repair design and construction observation services for \$1M+ plaza
- Canyon Center Plaza - Boulder, CO: Waterproofing repair design, structural strengthening, and construction observation services for plaza waterproofing repair and new expansion joint
- Ritz-Carlton Aspen Highlands - Aspen, CO: Leakage assessment, development of waterproofing repair drawings for concrete-framed balconies, and construction observation services
- University of Denver, Nelson Hall - CO: Assessment and repair design for water leakage at dormitory plaza
- Charles Schwab - Lone Tree, CO: Assessment and repair design for split-slab stairs and ramp
- 1801 California Street - Denver, CO: Leakage assessment, repair design, and construction observation for replacement of commercial plaza waterproofing and pavers
- Acoma Luxury Apartment Building - Denver, CO: Laboratory analysis of concrete distress and design of split-slab waterproofing repairs at penthouse-level residential balconies
- Parkhouse Apartments - Thornton, CO: Repair design and construction observation services for waterproofing repairs at wood-framed multifamily residential balconies
- Private Residences - Aspen, CO: Assessment, repair design, and construction observation for replacement of waterproofing and structural framing at private residences

Wood Structure Assessment

- Viridian Apartments - Greenwood Village, CO: Assessment, structural replacement, and waterproofing repair design and construction observation services for residential wood-framed walkways
- Uptown Broadway - Boulder, CO: Assessment, repair design, and construction observation for wood-framed balcony waterproofing repairs
- The Knolls Apartment Complex - Thousand Oaks, CA: Condition assessment and design of repairs for forty wood-framed apartment buildings with failed waterproofing and associated wood deterioration