

Scott E. Riley | Associate Principal



EDUCATION

- University of Illinois at Urbana-Champaign
 - Bachelor of Science, Architectural Studies, 1991
 - Master of Civil Engineering, 2000
 - Master of Architecture, 2000

PRACTICE AREAS

- Building Enclosure Consulting
- Condensation and Water Infiltration
- Facade Assessment
- Repair and Rehabilitation Design
- Roofing and Waterproofing

REGISTRATIONS

- Architect in CO, IL, and WY

PROFESSIONAL AFFILIATIONS

- American Institute of Architects
- AIA Colorado Building Enclosure Council
- RCI, Inc.

CONTACT

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EXPERIENCE

Scott Riley joined WJE in 2003 and has since managed and contributed to a broad spectrum of projects related to the performance of building enclosure systems for existing and new facilities. His practice is often focused on building facade, fenestration, and waterproofing systems, including the integration of these systems to address water infiltration, condensation, and air infiltration/exfiltration issues. Mr. Riley also has expertise in the mitigation of condensation, ice damming, and snow management issues associated with snow country roofs.

Prior to joining WJE, Mr. Riley was a project architect for State Farm Insurance Company, where he was responsible for various aspects of project development including site evaluation, consultant coordination, and the production of construction documents for office buildings throughout the United States. Mr. Riley also spent three years as a design engineer for a Denver-based structural consulting firm where he was involved in the analysis and design of concrete, masonry, steel, and wood structures.

REPRESENTATIVE PROJECTS

Building Enclosure Consulting

- Union Station South Wing - Denver, CO: Design review of facade systems, below-grade waterproofing, and roofing
- Alexan Cherry Creek - Denver, CO: Design review of facade systems, below- and above-grade waterproofing, and roofing
- Village Center - Teton Village, WY: Design review of facade systems, below- and above-grade waterproofing, and roofing
- Snowmass Base Village - Snowmass, CO: Building enclosure design review of multi-building base village redevelopment project
- Kalahari Resort - Pocono Manor, PA: Building enclosure design review for multi-use resort development containing a hotel, conference center, and indoor water park
- Solaris Vail - Vail, CO: Design review of facade systems and roofing

Condensation and Water Infiltration

- Riverfront Park Lofts - Denver, CO: Investigation/instrumentation of windows to determine causes of condensation

- James Kennedy Aquatic Center - Tipton, IA: Investigation into the causes of water infiltration and condensation issues resulting in accelerated deterioration of exterior wall, window, and roof assemblies
- Parmly Billings Library - Billings, MT: Analytical evaluation of condensation potential resulting from an externally exposed structural steel frame

Repair and Rehabilitation Design

- Briargate Condominiums - Denver, CO: Design and construction phase services for plaza rehabilitation and facade recladding
- Four Seasons Resort - Jackson, WY: Investigation and repair design to address water infiltration issues at elevated decks
- Heartwood Athletic Club - Aurora, CO: Evaluation of natatorium roof collapse and design of replacement structure
- Park Mayfair Condominiums - Denver, CO: Plaza redevelopment including structural repairs and waterproofing replacement
- Water Tower Lofts - Denver, CO: Investigation and repair design to address water infiltration issues at exterior walls
- Various private residences - Vail, CO; Aspen, CO; and Jackson, WY: Investigation and repair design resulting from water infiltration and condensation issues

Roofing and Waterproofing

- dpiX - Colorado Springs, CO: Investigation into elevated moisture levels within the roof assembly of a humidified and positively-pressurized manufacturing facility, including development and implementation of a remote monitoring system
- Solaris Vail - Vail, CO: Design and detailing of foundation, plaza, and above-grade balcony waterproofing systems
- Larkspur Townhomes - Park City, UT: Analysis and repair design for existing roof leakage, condensation, and ice damming issues
- Annie Mitchell Condominiums - Aspen, CO: Evaluation and repair design for existing roof to address ice damming and snow retention issues
- The Charter - Beaver Creek, CO: Assessment for proposed conversion from ventilated to super-insulated roof assembly