



Kyle Silliker | P.E., RRO

Principal, Building Science Specialist

Kyle Silliker consults on building enclosures for new construction, performs condition assessments and investigations of existing buildings and assisting with rehabilitation projects. He provides energy code compliance and energy retrofit services and has presented on the topic of energy efficiency in mid- and high-rise buildings.

Expertise + Experience

Kyle’s experience ranges from new high-rise structures to wood-framed, multiunit residential rehabilitation projects. Most of these projects include detailing various complex assemblies such as unitized and stick-built curtain wall, window wall, metal panel, precast, and masonry veneers. He shares in design and development of construction details and shop drawing review and leads quality assurance in the field. His responsibilities in the field include all enclosure assemblies from below-grade waterproofing, window and wall cladding assemblies, waterproof deck and balcony membranes, and roofing membranes to the myriad interfaces between each.

Kyle also conducts water performance field testing and has taken a lead role in coordinating and managing the field work of building enclosure condition assessment, investigation, and litigation projects. He leads contractors and other RDH staff in collection of information through destructive and nondestructive methods.

Kyle’s civil engineering and building science background has been a valuable in-house resource.

Kyle is a shareholder of RDH and is committed to the success of RDH projects.

Education

B.A.Sc. Civil Engineering, University of Toronto

Memberships

- Registered Professional Engineer (WA)
- Registered Roof Observer (RRO), RCI Inc.
- Quality Assurance Observer, RCI
- Seattle Building Enclosure Council (SEABEC)

Typical Projects

NEW CONSTRUCTION

- Aspira, Seattle, WA – High-rise mixed-use
- Thornton Place, Seattle, WA – Wood-framed
- Art Stable, Seattle, WA – Mid-rise residential
- Kinects Tower, Seattle, WA – Mixed-use High-rise
- Casino Del Sol, Tucson, AZ – High-rise
- Presbyterian Rio Rancho Medical Center, Albuquerque, NM – Mid-rise commercial



Thornton Place, Seattle, WA

CONDITION ASSESSMENT, INVESTIGATION + REHABILITATION

- Cottage Bay Apartments, Bremerton, WA
- Kirkland 405 Corporate Center, Kirkland, WA
- Burlingame Senior Center, Burlingame, CA
- Childhaven Seattle, Seattle, WA
- Elliot Bay Condominiums, Seattle, WA

Publications + Presentations

- Energy Efficiency in Mid- and High-Rise Buildings
- Understanding and Implementing the 2012 Washington State Energy Code and Understanding and Implementing the 2009 Washington State Energy Code
- The Reality of Air Barriers
- Specification of High-Rise Glazing Systems