



## Daniel Sowell

RA(WA), RRO

### Senior Project Manager

#### Department

Engineering Services

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#### Locations

Seattle, WA

## Biography

Mr. Sowell is a registered architect and roofing observer who has focused the past decade of his career on the technical and aesthetic aspects of building enclosures. From thermal and structural performance testing of fenestration to navigating complex enclosure rehabilitation projects through jurisdictional and historic preservation approvals, he has had a hand in every facet of building enclosure design, evaluation, and construction. Using practical field experience, cutting-edge technology, and industry best practices, he has performed dozens of enclosure failure and performance investigations of residential and commercial buildings on behalf of owners and contractors. Complementary to the standard recording and quantitative investigation tools, he takes pride in the use of thermography, LiDAR scanning, and thermal and hygrothermal modeling to aid in root cause analysis and assess the scope of subject conditions. Supplementary to enclosure investigations and enclosure subject-matter-expert capacity, he provides pre-purchase building enclosure assessment and code analysis, construction defect litigation support, and pre-rehabilitation design assessment services. Peers and clients often request him to review enclosure design and detailing.

## Credentials

- American Institute of Architecture
- RA(WA) | Registered Architect (WA)
- RRO | Registered Roof Observer

## Representative Consulting Assignments

- The Leona Condominiums | Seattle, WA | Renovation
- The Colonia Grand Pacific Condominiums | Seattle, WA | Renovation
- Walia Residence | Mercer Island, WA | Litigation Support
- Kirkland Avenue Townhomes | Renton, WA | Forensic Investigation
- Seattle Children's Hospital | Seattle, WA | Forensic Investigation
- Sartori Elementary School | Renton, WA | New Construction
- The Row Townhomes | Bellevue, WA | Renovation
- University Bookstore | Bellevue, WA | Renovation

## Professional Experience

- 2024 - Current | Senior Project Manager | YA Engineering Services
- 2023 - 2024 | Project Manager | YA Engineering Services
- 2019 - 2023 | Architect | OAC Services, Inc.
- 2018 - 2019 | Enclosures Project Manager | Katerra
- 2014 - 2018 | Project Manager | RDH Building Sciences, Inc.
- 2010 - 2014 | Thermal Simulation Manager | NCTL-NW
- 2007 - 2010 | Architectural Staff | Callison Architecture
- 2007 - 2007 | CAD Technician | Trico Surveying & Mapping

## Area of Practice

- ADA Compliance Assessment
- Building Code Upgrade Review
- Building Envelope
- Condition Assessment
- Litigation Support
- Non-Destructive Testing
- Repair and Rehabilitation Design
- Roofing
- Water Leakage Testing and Analysis

## Education

- Ball State University - Bachelors of Science - Architecture - Muncie - Indiana
- Ivy Tech State College - Associates of Applied Science - Design Technology - Bloomington - Indiana

## Licenses

- 12973 - Washington - Registered Architect
  - AR-987798 - Idaho - Registered Architect
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