



#### EDUCATION

- University of British Columbia
  - Bachelor of Arts, Urban Studies, 1999
- University of California, Berkeley
  - Master of Architecture, 2002

#### PRACTICE AREAS

- Roofing and Waterproofing
- Design Peer Review
- Repair and Rehabilitation Design
- Litigation Consulting
- Condition Assessment
- Condensation and Water Entry Studies
- Construction Observation Services

#### REGISTRATIONS

- Architect in OR and WA
- National Council of Architectural Registration Boards (NCARB)
- Registered Roofing Consultant

#### TECHNICAL COMMITTEES

- ASTM D08 - Roofing and Waterproofing

#### PROFESSIONAL AFFILIATIONS

- American Institute of Architects
- ASTM International
- RCI, Inc.

#### CONTACT

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#### EXPERIENCE

Wade Vorley is an architect with previous experience as a construction contractor. He has been with WJE since 2002 focusing his practice on building envelope investigation and design. Mr. Vorley provides field investigations, condition surveys, and repair designs for building owners, design consultation and peer review services for architectural firms, and litigation support for attorneys and insurance companies.

Mr. Vorley is published in trade journals, presents AIA accredited seminars and conducts research. He writes technical papers, including one presented at the 2011 NRCA International Roofing Symposium in Washington, D.C. and one at the 2013 Waterproof Membranes Conference in Dusseldorf, Germany.

Prior to joining WJE, Mr. Vorley worked as a roof installer, supervisor, project manager, and cost estimator with Cambie Roofing Contractors Ltd. in Vancouver, Canada. He prepared over 2,600 roofing estimates and managed over 600 projects for new and retrofit roofing systems.

#### REPRESENTATIVE PROJECTS

##### Design Peer Review

- Santa Monica Place - Santa Monica, CA: Roofing and plaza waterproofing design consulting for reconstruction of a shopping mall as an exterior space
- MTA Gold Line - Pasadena, CA: Building envelope peer review for works yard of new light rail line in Los Angeles County
- Fantasy Springs Casino Resort - Indio, CA: Roofing and waterproofing design consulting for new hotel tower, casino, concourse, and water features

##### Repair and Rehabilitation Design

- Rainier Warehouses, Sumner, WA: Investigation and repair design of more than 500,000 square feet of roofing with unique leakage and condensation problems
- City of Bellingham Warehouse - WA: Sheet metal roofing replacement design

- Hertz Rental Building - Seattle, WA: Investigation and repair design of roofing on a 1948 Union Pacific Railway warehouse
- Pacific Village - Aiea, HI: Investigation and repair design of tile mansard and low slope roofing on a twenty-six-building residential complex
- Savery Hall, University of Washington - Seattle: Slate roofing and low slope roofing rehabilitation design

#### Condition Assessment

- TRF Pacific - Puget Sound, WA: Condition survey of roofing systems at six retail shopping malls
- Bellevue Tower - Bellevue, WA: Assessment of built-up roofing system on a twenty-four-story residential high-rise building
- Columbia Tower - Seattle, WA: Roofing, plaza, and planter waterproofing assessment
- Fisherman's Terminal - Port of Seattle, WA: Condition assessment of sheet metal roofing system
- Safeway Store - Seattle, WA: Prepurchase survey of roofing and waterproofing on a rooftop parking deck
- Smith Tower - Seattle, WA: Condition assessment of modified bitumen roofing system

#### Condensation and Water Entry Studies

- Joint Base Lewis McChord Residences, WA: Investigation of attic condensation issues
- Kittitas Fire Station - Kittitas County, WA: Investigation of sloped roof irregularities related to sheathing and condensation
- UW Medical Center, University of Washington - Seattle: Investigation of leakage at third floor plaza areas

#### Construction Observation Services

- CenturyLink Field Event Center - Seattle, WA: Observation of reflective single ply roofing and solar panel installation
- High Point Elementary - Seattle, WA: Inspection of asphalt shingle roofing replacement
- Price Residence - Laguna Beach, CA: Repair design of luxury residence including plaza/patio waterproofing, stucco, and tile roofing