



David Taguchi | Eng.L., RRO
Associate, Building Science Specialist

For over 15 years, David has provided building envelope and roofing engineering consulting services throughout British Columbia, Alberta, Saskatchewan, and the United States. As a Building Science Specialist on RDH's Repair, Renewal, and Rehabilitation (3R) team, his expertise lies in investigations, system and integration design, roof and cladding shop drawing review, and construction field review.

Expertise + Experience

David has extensive experience with a variety of building enclosure systems and assemblies, including walls and cladding, windows and curtainwall, as well as above- and below-grade waterproofing. He is familiar with all types of buildings, including multi-family residential, high-end single-family, institutional (public schools, universities), federal, high-rise commercial, and historic buildings.

As a Building Science Specialist, David leads teams of engineers and technologists to provide a range of engineering services including building enclosure investigations and assessments, and 3R engineering services.

In previous employment, David has worked at building science firms in British Columbia and Alberta. As a Senior Project and Branch Manager, he opened, developed, and established the Calgary branch of another building science firm. David provided service proposals for various types of projects and building services, as well as project management and construction contract administration.

David joined RDH Vancouver in 2016 and is committed to the success of RDH projects.

Education

Registered Roof Observer (RRO), Roofing Consultants Institute Inc. (RCI)

Dipl.T., Building Science Option, British Columbia Institute of Technology

B.A., Kwantlen University College, Richmond, BC

Memberships

Eng.L, Association of Professional Engineers & Geoscientists of British Columbia (APEGBC)

Applied Science Technologists and Technicians of British Columbia (AScT)

Member, Association of Science and Engineering Technology Professionals of Alberta (ASET)

Chapter Board Member, RCI Western Canada Chapter
Events Committee Member, Building Owners and Managers Association (BOMA) Calgary

Typical Projects

BUILDING ENCLOSURE REPAIR, RENEWAL, + REHABILITATION

- Laburnum Heights, Vancouver BC - Building enclosure rehabilitation
- City View Place, Vancouver, BC - Building enclosure rehabilitation.*
- AE Cross Junior High School, Calgary, AB - Curtainwall replacement and rehabilitation project.*
- Home Oil and Dome Tower, Calgary, AB - Curtainwall remediation project.*
- Canadian Food Inspection Agency Laboratory, Burnaby, BC - Roof remediation, high-risk particulate exhausts.*
- Vancouver Olympic Village, Vancouver, BC - Roofing Contractors Association for BC Guarantee reviews on 4 parcels.*

BUILDING ENCLOSURE CONSULTING*

- Calgary International Airport, Calgary, AB - Below-grade waterproofing quality assurance.
- Kwantlen University College Trades and Technology Centre, Cloverdale, BC - Educational, low-rise.
- Gordon and Leslie Diamond Health Care Centre at Vancouver General Hospital, Vancouver, BC - High-rise facility combining outpatient care with education academic facilities.
- Energy Centre at Vancouver General Hospital, Vancouver, BC - Powerplant building redesign.
- Electronic Arts MOCAP and Studio buildings, Burnaby BC - LEED Silver certified, 18,000 sq ft green roof.
- Nita Lake Lodge Resort, Whistler, BC - Commercial mid-rise building with ancillary structures built of entirely wood or a combination of wood and steel. Some structures built with HSS columns and beams.

* Projects completed at previous place of employment