

ABOUT US

The RDH Group provides services to our clients through four companies:

RDH Building Engineering Ltd.

→ A Canadian-based building science and construction management firm with offices in Vancouver, Victoria, and Courtenay.

RDH Building Sciences Inc.

→ A U.S.-based building science firm with offices in Seattle and Portland.

RDH Construction Management Inc.

→ A U.S.-based construction management firm with offices in Seattle and Portland.

RDH Architecture Inc.

→ A joint architecture and engineering practice that provides architectural services.

Our focus is on services that integrate building science, engineering, architecture, and construction management expertise for a variety of new construction projects and existing buildings. Based on our acknowledged leadership in the building science field in British Columbia, Washington, and Oregon, we are often called upon to work in other locations around the globe.

RDH IS DIFFERENT

We strive to be recognized as leaders—through our involvement in research and guideline publications, our ability to handle the tough projects, and the unique combination of expertise that we bring to our projects. Key features that make us different are:

Expertise

RDH brings a depth of talent that is unequalled in the design and construction industry. We have a multifaceted understanding of the building enclosure through the building science training of our engineers and technologists, the design and system integration expertise of our architects, and the how-to knowledge of our construction management team. We have an ongoing commitment to hiring only the best.

Ownership

Having an ownership stake translates into enhanced quality and service. RDH was established in 1997 and is a privately owned company with almost all of our employees being shareholders. Employee ownership makes a difference that is evident through our attention to detail, our effort to achieve successful projects, and our long-term commitment to our clients.

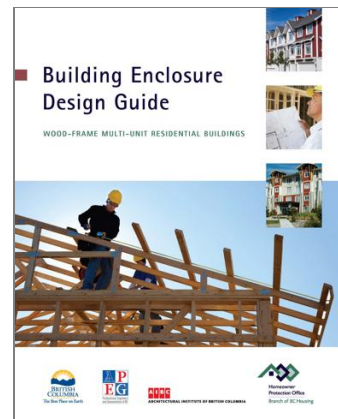
Commitment to Building Science Research & Education

RDH is fully committed to providing an ongoing learning environment for our staff. We encourage in-house research projects and lead many industry-sponsored research projects. In the wake of British Columbia's leaky condominium disaster, RDH played a major role in restoring confidence in the design and construction industry. Our research and guideline publications have resulted in profound improvements in the performance of building enclosures. The *Association of Professional Engineers and Geoscientists of British Columbia (APEGC)* has recognized RDH's contribution to the profession and the community by presenting RDH with the "2001 Professional Service Award."

Creativity

At RDH, we have not been content to accept the path travelled by others:

- Our construction management service is unique in the industry and represents a real opportunity for owners to maintain a high level of control of their building enclosure rehabilitation process and costs.
- Through ongoing contacts within the insurance industry, we have developed a 10-year water penetration warranty product that is available only to RDH projects.
- Recognizing the unique performance attributes of fiberglass as a building material, RDH has been instrumental in starting a fiberglass window and door manufacturing company on the west coast.





SERVICES

RDH provides a wide range of related services. At the core of all of our service areas is a comprehensive understanding of:

- Building science.
- The impact of internal and external environments on building performance.
- The design and construction process.
- The practical application of green, or sustainable, design principles.
- The need for balance between the creative and practical sides of architecture.
- The interrelationship of building systems once in service, and a holistic view of the life cycle of buildings including design, construction, operations, maintenance and renewals.

Building Enclosure Consulting - New Construction

Our work for new building projects is aimed at providing the design and construction team with appropriate support to help ensure that performance expectations for the building enclosure are met, while respecting other project objectives and budgets. We advise on all aspects of the building enclosure, including energy performance and moisture management performance for below- and above-grade walls, windows, and other glazed assemblies, as well as roofs, decks, and balconies.

Building Science Evaluation

RDH assists owners and property managers through the provision of a variety of services tailored to the particular needs of the building and client. Service capabilities include the assessment of the existing condition of the building enclosure, investigation of performance problems, energy assessment, expert review for litigation, and insurance claims investigations.

Building Enclosure Repair, Renewal, & Rehabilitation

The need for repair or rehabilitation of the building enclosure is established through a condition assessment or an investigation of performance problems. Once the need is established, RDH's work focuses on the design and implementation of an appropriate program. Our clients have significant involvement in the initial phases, where alternate methods of addressing the repair or rehabilitation needs and energy performance upgrade opportunities are considered. Once clients make basic decisions regarding the scope and nature of the program, RDH typically prepares construction documents (drawings and specifications), tenders the work to prequalified contractors, and reviews the quality of construction throughout.

Project Management & Building Enclosure Construction Management

The integration of architecture, engineering, and construction skills under one roof means that we deliver building enclosure construction management expertise utilizing a unique model that focuses from beginning to end on delivering an efficient, effective building program to the client. The quality, direct control of the construction process, and value inherent in our approach is appreciated by our clients. We act as the client's agent in the coordination and management of rehabilitation projects. The construction work is tendered directly to trade contractors; and all of the administrative, supervisory, and management functions necessary to implement the construction are handled by RDH on behalf of the client.

Where owners need assistance in the total management of new construction projects, RDH also provides project management services from conception to completion.

Building Asset Management

Our Building Asset Management Services (BAMS) group focuses on assisting building owners with all aspects of planning for the long-term stewardship of their buildings. This typically includes assessment of the current condition of all building systems, review of operational costs, development of maintenance and renewals plans, determination and analysis of capital costs, reserve fund planning, and assistance in the implementation of maintenance and renewals programs. These services are provided on an individual-building basis or for large portfolios of buildings.

RDH is committed to reducing our environmental impact. We participated in Climate Smart to evaluate and reduce our carbon footprint.

