



Monte Paulsen | EA, CPHC, PHI Building Certifier
Associate, Passive House Specialist

As one of Canada's most experienced Passive House professionals, Monte Paulsen leads RDH's Passive House consulting services in British Columbia and facilitates the development of Passive House capacity among RDH teams across Canada and the U.S. Monte possesses nearly 7 years in the Passive House industry and is one of three PHI-accredited Building Certifiers in Canada.

Expertise + Experience

Monte has consulted on a variety of projects ranging from single-family homes to high-rise residential towers, and has conducted performance testing in more than 600 buildings.

In addition to his work as a Passive House consultant and certifier, Monte is a PHI-trained Passive House Trainer who has helped more than 100 British Columbians earn a CPHC credential. Monte was a founding board member and long-time volunteer at the non-profit organization Passive House Canada.

Prior to joining RDH in 2016, Monte was principal of Red Door Energy Design Ltd., which merged its Passive House consulting and certification operations with RDH in late 2016. Monte is an Associate at RDH and is committed to the success of RDH projects.

Education

Certified Passive House Building Certifier, Passive House Institute (Darmstadt)

Certified Passive House Trainer, Passive House Institute (Darmstadt)

Certified Passive House Consultant, PHI Energy Advisor (EA), Natural Resources Canada Ventilation, Hydronic, and Forced-Air Systems Designer (TECA)

BSJ, Ohio State University

Memberships

Founding Board Member, Passive House Canada

Former Member, Energy Star™ for New Homes Technical Advisory Committee

Typical Projects

MULTI-RESIDENTIAL PASSIVE HOUSE BUILDINGS

- Passive House Social Housing, Vancouver, BC – Project Manager for feasibility study identifying target R-values and detailing

assemblies and components for a 10-story concrete frame Passive House building.

- Passive House Senior's Residence, Vancouver, BC – Passive House consultant to 6-story, 63-unit affordable housing project in development for the Vancouver Affordable Housing Authority.
- Smithers Senior Housing, Smithers, BC – Passive House consultant to a 3-story, 18-unit seniors housing project currently in final design stage.
- Moodyville Townhomes, North Vancouver, BC – Passive House consultant for a 54-unit townhome development. This will be the largest of several Passive House townhome projects under development.
- Yale First Nations 6-plex, Hope, BC – Passive House Certifier on 6-unit modular townhome development being constructed by Britco Industries for the Yale First Nation.
- Bella Bella Passive House, Bella Bella, BC – Passive House consultant on 6-unit modular townhome worker housing project constructed for Vancouver Coastal Health.

COMMERCIAL + SPECIALITY PASSIVE HOUSE BUILDINGS

- Tomo Building, Vancouver, BC – Consultant on a mid-rise office building of cross-laminated timber planned to the PHI standard.
- Resolute Bay Station, Resolute Bay, NV – Consultant on a 3-building complex in the Arctic for research personnel. Developed for Parks Canada in Nunavut.
- Nisga'a Fire Hall, Gitwinksihlkw, BC – Consultant on cross-laminated fire hall planned to the PHI standard for Nisga'a village.

SINGLE FAMILY PASSIVE HOUSE HOMES

- Fung-Roberts Residence, North Vancouver, BC – Passive House consultant to a custom residence designed by Michael Green Associates and nearing completion.