

# Planning your High-Performance Custom Home

## Your introduction to the BC Energy Step Code, Net Zero and the Passive House Standard

This guide provides a solid introduction to planning your high-performance, sustainable custom home on BC's beautiful West Coast.

You'll learn about:

- **The BC Energy Step Code**  
The Step Code outlines 5 steps to design and build healthier, more comfortable and more energy-efficient buildings, with the target of reaching Net Zero ready by 2032.
- **The Passive House Standard**  
A Passive House can be 90% more efficient than a similar home built to the BC Building Code. Each primary aspect of the design is covered: super-insulation, airtightness, removal of thermal bridges, high-efficiency windows and solar orientation, ventilation and heat recovery.
- **Net Zero**  
This is exciting... When you build or purchase a Net Zero home you're doing your part to protect the environment against climate change and preserve natural resources for future generations. The total amount of energy used by the home on an annual basis is roughly equal to the amount of renewable energy created on the site.
- **Design Build**  
The design-build (DB) process is evaluated, in the context of building your high-performance custom home in the most efficient way possible.

For more practical advice in planning your own high-performance custom home, [download our free guide now](#).



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