

HOUSE PERFORMANCE REPORT (PRE-CONSTRUCTION)

for 9.36.5 or 9.36.6 (Energy Step Code) Energy Performance Compliance

Last updated November 26, 2019

- Instructions**
1. Effective December 12, 2019
 2. To be submitted at the time of Building Permit application, accompanied with supporting documentation

PROJECT INFORMATION

Project Address: _____

Building Type: Coach House Single-family Duplex Rowhouse/Townhome Apartment <4 storeys Other

BCBC Compliance Pathway: 9.36.5 (COMPLETE SECTION A + B)
 9.36.6 (Energy Step Code) - Step Pursued: _____ (COMPLETE SECTION A + C)

Floor Area of Conditioned Space: _____ m²

Building Height: _____ storeys

Building Permit #: _____

COMPLETE IF APPLICABLE

**Rezoning, and/or DP Commitment
Required Performance Metric:**

SECTION A: BUILDING CHARACTERISTICS SUMMARY

<p>Exterior Walls <i>(Construction + Effective R-Value)</i></p>	
<p>Roof/Attic <i>(Construction + Effective R-Value)</i></p>	
<p>Foundation/Below-Grade Walls & Slabs <i>(Construction + Effective R-Value)</i></p>	<p>Slab Is: <input type="checkbox"/> Below OR <input type="checkbox"/> Above Frost Line AND <input type="checkbox"/> Heated OR <input type="checkbox"/> Unheated</p>
<p>Windows, Doors & Skylights <i>(Type + Overall U-Value)</i></p>	
<p>Space Conditioning <i>(System Type, Fuel Source, Performance Rating)</i></p>	
<p>Ventilation <i>(Design basis according to Section 9.32)</i></p>	
<p>Hot Water Heating <i>(System Type, Fuel Source, Performance Rating)</i></p>	
<p>Air Barrier System & Location</p>	
<p>Other Energy Impacting Features <i>(Design basis)</i></p>	

SECTION B: 9.36.5 - ENERGY PERFORMANCE COMPLIANCE (complete if applicable)

Energy Modeling Software (Version): _____ Climatic data (location): _____

Reference Building	Proposed Building
HVAC <i>(Energy Use + Fuel Source)</i>	HVAC <i>(Energy Use + Fuel Source)</i>
Hot Water Heating <i>(Energy Use + Fuel Source)</i>	Hot Water Heating <i>(Energy Use + Fuel Source)</i>
TOTAL <i>(Energy Use in GJ)</i>	TOTAL <i>(Energy Use in GJ)</i>

FDWR of the Reference House ____% (Between 17 – 22%) FDWR of the Proposed House ____%

SECTION C: 9.36.6 (ENERGY STEP CODE) - ENERGY PERFORMANCE COMPLIANCE (complete if applicable)

Energy Consumption: Reference: _____ (GJ/year)
(if using the EnerGuide Rating System) Proposed: _____ (GJ/year)

Metric	Units	Required <small>(by local bylaw)</small>	Proposed
Step Code Level	1-5		
Airtightness	ACH @ 50 Pa		
Building Equipment and Systems	ERS Improvement over Reference House % lower		
	OR		
Building Envelope	Mechanical Energy Use Intensity (MEUI) >50% A/C Space <input type="checkbox"/> OR <50% A/C Space <input type="checkbox"/>	kWh/(m ² ·yr)	
	Thermal Energy Demand Intensity (TEDI): Choose one: <input type="checkbox"/> Baseline Method <input type="checkbox"/> Calculated Adjusted Method <input type="checkbox"/> ERS Improvement over Reference House	kWh/(m ² ·yr) or % improved	

For Passive House, please check the box below.

The Passive House Planning Package (PHPP), Version 9 or newer, and the energy model was prepared by a Certified Passive House Designer or Certified Passive House Consultant approved by the Passive House Institute. (9.36.6.3.(3))

DESIGN CONFIRMATION (applicable to all compliance pathways)

The undersigned has produced and/or reviewed the House Performance Evaluation for the above-mentioned project, created based on the project's design as provided by the Designer of Record. The undersigned has verified that the project substantially complies with the Subsection 9.36. of Division B, as detailed in the 2018 BC Building Code.

Signature: _____

Name: _____ (please print) Date Signed: _____

Phone #: _____ E-Mail: _____

Company Name & Address: _____