

## DESIGN VERIFICATION REPORT

### for Buildings Complying with Section 9.36 of the BCBC

Last updated June 14, 2018

**Instructions**

1. Effective July 1, 2018.
2. To be completed by the Applicant.
3. To be submitted at the time of Building Permit application, accompanied with supporting documentation.

I, \_\_\_\_\_, am the Applicant for the below-mentioned project and have coordinated the design to substantially comply with the requirements of Section 9.36 of the 2012 BC Building Code, based on pursuing the Energy Regulation indicated in the Project Details below.

### PROJECT DETAILS

Project Address: \_\_\_\_\_ Building Permit #: \_\_\_\_\_

- BCBC Compliance Pathway (check one)
- 1. Prescriptive: 9.36.2 to 9.36.4 (COMPLETE SECTION A)
  - 2. Performance: 9.36.5 (COMPLETE SECTION A + C)
  - 3. Performance: 9.36.6 – Energy Step Code (COMPLETE SECTION A + C)  
 Step pursued:  1     2     3     4     5     Passive House + Step 5
  - 4. Prescriptive: NECB-2011 Part 3-7 (COMPLETE SECTION A)
  - 5. Performance: NECB-2011 Part 8 (COMPLETE SECTION A + C)

### SECTION A: DRAWING SUBMISSION REQUIREMENTS

9.36 Compliance (Pathways 1-2)	<input type="checkbox"/>	Envelope section drawing(s) indicate the <i>Effective Thermal Resistance (RSI) of Assembly</i> for all Exterior Opaque Building Assemblies.
	<input type="checkbox"/>	Window section drawing(s) indicate the <i>Overall Thermal Transmittance (U-Value)</i> for all Fenestration, Doors and Skylights.
	<input type="checkbox"/>	Drawing(s) indicate the <i>Performance Rating</i> and <i>Energy Source</i> for all space-heating, space-cooling and service hot water systems.
9.36.5 Compliance (Pathway 2)	<input type="checkbox"/>	Drawing(s) indicate the corresponding Areas (in m <sup>2</sup> ) of each Wall, Window and Door Assembly type, the Solar Heat Gain Coefficient (SHGC) of each Window, and the Ratio of total Vertical Fenestration and Door Area to Gross Wall Area.
9.36.6 Compliance (Pathway 3)	<input type="checkbox"/>	Drawing(s) include a statement indicating the Step pursued
NECB Compliance (Pathways 4-5)	<input type="checkbox"/>	Drawing(s) indicate requirements as per Part 2 of the NECB-2011



**SECTION C: PERFORMANCE MODELLING**

9.36.5 Compliance (Pathway 2)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	House Performance Report Attached Reference House Energy Model Attached Proposed House Energy Model Attached
9.36.6 – Energy Step Code Compliance (Pathway 3)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	House Performance Report Attached Energy Model Attached EnerGuide Homeowner Information Sheet Attached (if using the EnerGuide Rating System)
NECB Part 8 Compliance (Pathway 5)	<input type="checkbox"/>	NECB-2011 Modelling Report Attached

**APPLICABLE TO ALL COMPLIANCE PATHWAYS**

*The undersigned has produced and/or reviewed the above-mentioned project with the Compliance Pathway indicated in the Project Details, created based on the project's design as provided by the Designer of Record. The undersigned has verified that the project complies with the Compliance Pathway, as detailed in Section 9.36 of the 2012 BC Building Code.*

Signature: \_\_\_\_\_

Name: \_\_\_\_\_ (please print) Date Signed: \_\_\_\_\_

Phone #: \_\_\_\_\_ E-Mail: \_\_\_\_\_

Company Name & Address: \_\_\_\_\_