

**DESIGN VERIFICATION REPORT**  
 for BCBC Part 10 Requirement Verification

- Instructions:*
1. **Effective November 1, 2023**
  2. To be completed by the Coordinating Registered Professional or Registered Professional of Record
  3. To be submitted at time of Building Permit application, accompanied with Design Intent Letters

**To: Chief Building Official, Planning and Development Department, City of North Vancouver**

I, \_\_\_\_\_, am the Coordinating Registered Professional for the below-mentioned project and have coordinated the design to substantially comply with the requirements of Part 10 of the 2018 BC Building Code, based on pursuing the Energy Regulation indicated in Section A below.

**Section A: Project Details**

Project Address: \_\_\_\_\_

Building Permit #: \_\_\_\_\_

- Energy Standard:
- NECB (2020) (Please complete Section B)
  - ASHRAE 90.1 (2022) (Please complete Section C)
  - Energy Step Code (Please complete Section D)
  - Other (Please specify & complete Section B, C, or D based on base regulation)

Specific Energy Regulation Pursued: \_\_\_\_\_

**Section B: NECB (2020)**

The following compliance pathways were utilized for each Part of NECB (2020) and the responsible Professionals for each Part are indicated and the Design Intent Letters are attached:

Part	Compliance Pathway <i>(please check)</i>	Name of Responsible <i>Registered Professional of Record</i>	Design Intent Letter Attached? <i>(please check)</i>
<b>3 – Building Envelope</b>	<input type="checkbox"/> Prescriptive <input type="checkbox"/> Prescriptive + Simple Trade-off <input type="checkbox"/> Prescriptive + Detailed Trade-off		<input type="checkbox"/>
<b>4 – Lighting</b>	<input type="checkbox"/> Prescriptive <input type="checkbox"/> Prescriptive + Trade-off		<input type="checkbox"/>
<b>5 – HVAC</b>	<input type="checkbox"/> Prescriptive <input type="checkbox"/> Trade-off		<input type="checkbox"/>
<b>6 – Service Water Heating System</b>	<input type="checkbox"/> Prescriptive <input type="checkbox"/> Trade-off		<input type="checkbox"/>
<b>7 – Electrical Power Systems and Motors</b>	<input type="checkbox"/> Prescriptive		<input type="checkbox"/>

Part	Compliance Pathway <i>(please check)</i>	Name of Responsible <i>Registered Professional of Record</i>	Design Intent Letter Attached? <i>(please check)</i>
<b>8 – Building Energy Performance Compliance Path</b>	<input type="checkbox"/> Building Energy Performance Compliance		Not Applicable

**Section C: ASHRAE 90.1 (2022)**

The following compliance pathways were utilized for each Section of ASHRAE 90.1 (2022) and the responsible professionals for each Section are indicated and the Design Intent Letters are attached:

Section	Compliance Pathway <i>(please check)</i>	Name of Responsible <i>Registered Professional of Record</i>	Design Intent Letter Attached? <i>(please check)</i>
<b>5 – Building Envelope</b>	<input type="checkbox"/> Mandatory + Prescriptive <input type="checkbox"/> Mandatory + B.E. Trade-Off <input type="checkbox"/> Mandatory + ECB		<input type="checkbox"/>
<b>6 – HVAC</b>	<input type="checkbox"/> Simplified Approach <input type="checkbox"/> Mandatory + Prescriptive <input type="checkbox"/> Mandatory + ECB		<input type="checkbox"/>
<b>7 – Service Water</b>	<input type="checkbox"/> Mandatory + Prescriptive <input type="checkbox"/> Mandatory + ECB		<input type="checkbox"/>
<b>8 – Power</b>	<input type="checkbox"/> Mandatory		<input type="checkbox"/>
<b>9 – Lighting</b>	<input type="checkbox"/> Mandatory + Building Area Method <input type="checkbox"/> Mandatory + Space by Space Method <input type="checkbox"/> Mandatory + ECB		<input type="checkbox"/>
<b>10 – Other Equipment</b>	<input type="checkbox"/> Mandatory		<input type="checkbox"/>
<b>11 – ECB Method</b>	<input type="checkbox"/> Energy Cost Budget		Not Applicable

**Section D: Energy Step Code**

Energy Step Pursued: \_\_\_\_\_

Energy Intensity Report Attached?

The following compliance pathways were utilized for the Energy Step Code. The responsible Professional is indicated and the Energy Intensity Report is attached:

Compliance Pathway	Equipment and Systems – Maximum Total Energy Use Intensity (kWh/m <sup>2</sup> -year)	Building Envelope – Maximum Thermal Energy Demand Intensity (kWh/m <sup>2</sup> -year)	Name of Responsible Registered Professional of Record
<b>Table 10.2.3.3.A.</b>			
<b>Table 10.2.3.3.B.</b>			
<b>Sentence 10.2.3.3.(3)</b> (Passive House)	Not Applicable	Not Applicable	

*For Passive House, please check the box below:*

Provide a Comfort Letter from the Certified Passive House Designer or Certified Passive House Consultant approved by the Passive House Institute.

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

Name: \_\_\_\_\_ *(please print)* *(affix professional seal)*

Date Signed: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_