



# Part 10 Design Verification

Planning and Development Services

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- Directions:
1. Effective August 2021
  2. To be completed by the Coordinating Registered Professional.
  3. To be submitted prior to the issuance of a Building Permit, accompanied with Design Intent Letters.

**To: Building Official, City of White Rock**

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

Address of site:	
Building Permit No.:	Zoning:
Energy Standard pursued:	<input type="checkbox"/> ASHRAE 90.1-2016 (Please complete Section B)
	<input type="checkbox"/> NECB-2015 (Please complete Section C)
	<input type="checkbox"/> Energy Step Code (please complete Section D)
	Specific energy regulation pursued: _____

### Section B: ASHRAE 90.1-2016

The following compliance pathways were utilized for each Section of ASHRAE 90.1-2016 and the responsible professionals for each Part are indicated and the Design Intent Letters are attached:

Section	Compliance Pathway (please select one)	Name of Responsible Registered Professional of Record	Design Intent Letter Attached? (please check)
5: Building Envelope	<input type="checkbox"/> Mandatory + Prescriptive <input type="checkbox"/> Mandatory + B.E. Trade-off <input type="checkbox"/> Mandatory + ECB		<input type="checkbox"/>
6: HVAC	<input type="checkbox"/> Simplified Approach <input type="checkbox"/> Mandatory + Prescriptive <input type="checkbox"/> Mandatory + ECB		<input type="checkbox"/>
7: Service Water	<input type="checkbox"/> Mandatory + Prescriptive <input type="checkbox"/> Mandatory + ECB		<input type="checkbox"/>
8: Power	<input type="checkbox"/> Mandatory		<input type="checkbox"/>
9: Lighting	<input type="checkbox"/> Mandatory + Building Area Method <input type="checkbox"/> Mandatory + Space by Space Method <input type="checkbox"/> Mandatory + ECB		<input type="checkbox"/>
10: Other Equipment	<input type="checkbox"/> Mandatory		<input type="checkbox"/>
11: ECB Method	<input type="checkbox"/> Energy Cost Budget		<input type="checkbox"/>

**Section C: NECB-2015**

The following compliance pathways were utilized for each Part of NECB-2015 and the responsible professionals for each Part are indicated and the Design Intent Letters are attached:

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

**Section D: Energy Step Code**

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

Energy Intensity Report Attached (see below)

The following compliance pathways were utilized for the Energy Step Code and the responsible Professionals for each Part are indicated and the Design Intent Letters are 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 <i>Registered Professional of Record</i>	Design Intent Letter Attached? <i>(please check)</i>
Table 10.2.3.3.A.				<input type="checkbox"/>
Table 10.2.3.3.B.				<input type="checkbox"/>
Sentence 10.2.3.3.(3) (passive house)	Not Applicable	Not Applicable		<input type="checkbox"/>

Print name:	
Applicant's signature:	
Date Signed:	<i>(affix professional seal)</i>
Phone:	Email:
Company Name:	
Company Address:	