

Design Verification Report for BCBC Part 10 Requirement Verification

Last updated October 30, 2023

Instructions: 1. Effective November 1, 2023

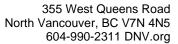
2. To be completed by the Coordinating Registered Professional3. To be submitted at time of Building Permit application, accompanied with Design Intent Letters			
I,, am the Coordinating Registered Professional for the below-mentioned project and have coordinated the design to substantially comply with the requirements of Part 10 of the 2018 – Revision 5 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 (Please complete Section B)		
	☐ ASHRAE 90.1 (Please complete Section C)		
:	☐ Energy Step Code (Please complete Section D)		
	☐ Other (Please specify & complete Section B, C, or D ba	ased on base regulation)	
	Specific Energy Regulation Pursued:		
Section B: NECB			
Section B: NECB			
The following complia	ace pathways were utilized for each Part of NECB and the the Design Intent Letters are attached:	•	
The following complia		ponsible Design Intent bfessional Letter Attached?	
The following complia each are indicated and	the Design Intent Letters are attached: Compliance Pathway (please check) Prescriptive Name of Resp Registered Pro of Reco	ponsible Design Intent Design Intent Letter Attached? (please check)	
The following complia each are indicated and	Compliance Pathway (please check) Prescriptive Prescriptive + Simple Trade-off	ponsible Design Intent Interesting Design Intent Design Intent	
The following complia each are indicated and	Compliance Pathway (please check) Prescriptive Prescriptive + Simple Trade-off Prescriptive + Detailed Trade-off	ponsible Design Intent Design Intent Letter Attached? (please check)	
The following complia each are indicated and	the Design Intent Letters are attached: Compliance Pathway (please check) Prescriptive Prescriptive + Simple Trade-off Prescriptive + Detailed Trade-off Prescriptive	ponsible Design Intent Design Intent Letter Attached? (please check)	
The following complia each are indicated and Part 3 – Building Envelope 4 – Lighting	Compliance Pathway (please check) Prescriptive Prescriptive + Simple Trade-off Prescriptive + Detailed Trade-off	ponsible Design Intent Letter Attached? (please check)	
The following complia each are indicated and Part Part 3 – Building Envelope	the Design Intent Letters are attached: Compliance Pathway (please check) Name of Resp. Registered Proof Reco. Prescriptive Prescriptive + Simple Trade-off Prescriptive + Detailed Trade-off Prescriptive Prescriptive + Trade-off Prescriptive + Tr	ponsible Design Intent Letter Attached? (please check)	
Part 3 – Building Envelope 4 – Lighting 5 – HVAC 6 – Service Water Heating	Compliance Pathway (please check) Prescriptive Prescriptive + Simple Trade-off Prescriptive + Detailed Trade-off Prescriptive	ponsible Design Intent Letter Attached? (please check)	
Part 3 – Building Envelope 4 – Lighting 5 – HVAC	Compliance Pathway (please check) Prescriptive Prescriptive + Simple Trade-off Prescriptive + Detailed Trade-off Prescriptive Prescriptive + Trade-off Prescriptive Prescriptive Prescriptive Prescriptive Prescriptive Trade-off Trade-off Prescriptive Trade-off Trade-off	ponsible pred Design Intent Letter Attached? (please check)	
Part 3 – Building Envelope 4 – Lighting 5 – HVAC 6 – Service Water Heating System 7 – Electrical Power System	Compliance Pathway (please check) Prescriptive Prescriptive + Simple Trade-off Prescriptive + Detailed Trade-off Prescriptive + Trade-off Prescriptive Prescriptive Prescriptive Prescriptive Prescriptive Prescriptive Trade-off Prescriptive Trade-off Trade-off Prescriptive Trade-off	ponsible ofessional brid Letter Attached? (please check)	



Section C: ASHRAE 90.1

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

Section	Compliance Pathway (please check)	Name of Responsible Registered Professional of Record	Design Intent Letter Attached? (please check)
	☐Mandatory + Prescriptive		
3 – Building Envelope	☐Mandatory + B.E. Trade-Off		
	☐Mandatory + ECB		
	☐Simplified Approach		
6 – HVAC	☐Mandatory + Prescriptive		
	☐Mandatory + ECB		
7 – Service Water	☐Mandatory + Prescriptive		
7 - Service Water	☐Mandatory + ECB		
8 – Power	□Mandatory		
9 – Lighting	☐Mandatory + Building AreaMethod☐Mandatory + Space bySpace Method☐Mandatory + ECB		
10 – Other Equipment	□Mandatory		
11 – ECB Method	□Energy Cost Budget		Not Applicable





Section D: Energy Step Code			
Energy Step Pursued	□ 2	□ 3	□ 4
Zero Carbon Step Code	☐ Yes (EL-3)	☐ Yes (EL-4)	□ No
(Emissions Level as per Construction Bylaw 8271 and BCBC 10.3)	, ,	, ,	
Energy Report Attached? (See below):	☐ Yes		

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/m²-year)	Building Envelope – Maximum Thermal Energy Demand Intensity (kWh/m²-year)	Name of Responsible Registered Professional of Record	Design Intent Letter Attached? (please check)
Sentence 10.2.3.3 (1)				
Sentence 10.2.3.3.(3) (Passive House)	Not Applicable	Not Applicable		

Information					
Signature					
Name					
Date Signed					
Company Name & Address					
Email		Phone		Cell	

(affix professional seal)