PRE-CONSTRUCTION

BC ENERGY COMPLIANCE REPORT - PERFORMANCE PATHS FOR PART 9 BUILDINGS

For Buildings Complying with Subsection 9.36.5. or 9.36.6. of the 2012 BC Building Code (see BCBC Article 2.2.8.3. of Division C)

A: PROJECT INFORMATION

Building Permit #: _____ Building Type: Please Select Building Type

Builder: _____ If Other, Please Specify: _____

Project Address: _____ Number of Dwelling Units: _____

Municipality / District: _____ Climate Zone: Please Select Climate Zone

Postal Code: _____ PID or Legal Description: _____

BC Building Code Performance Compliance Path (select one):

☐ 9.36.5. → *Complete Sections A, B, C, & E* ☐ 9.36.6. → *Complete Sections A, B, D, & E*

Software Name: _____ Version: _____ Climatic Data (Location): _____

B: BUILDING CHARACTERISTICS SUMMARY (see BCBC Clause 2.2.8.3.(2)(b) of Division C)

	DETAILS (ASSEMBLY / SYSTEM TYPE / FUEL TYPE / ETC.)	EFFECTIVE RSI-VALUE / EFFICIENCY
EXTERIOR WALLS & FLOOR HEADERS		
ROOF / CEILINGS		
FOUNDATION WALLS, HEADERS, & SLABS	**Slab Is:** ☐ Below **OR** ☐ Above Frost Line **AND** ☐ Heated **OR** ☐ Unheated	
FLOORS OVER UNHEATED SPACES		
FENESTRATION & DOORS	**FDWR:**_____ %	
AIR BARRIER SYSTEM & LOCATION		
SPACE CONDITIONING (HEATING & COOLING)		
SERVICE WATER HEATING		
VENTILATION		
OTHER ENERGY IMPACTING FEATURES		

The above information is correct based on drawings prepared by _____ **, dated (dd/mm/yyyy)** _____**.**

C: 9.36.5. ENERGY PERFORMANCE COMPLIANCE (see Clause 2.2.8.3.(2)(c) of Division C)

Complete this section only if using the Energy Performance Compliance Path in Subsection 9.36.5.

PROPOSED HOUSE RATED ENERGY CONSUMPTION (GJ/YEAR)	
HVAC	
Hot Water Heating	
SUM	

REFERENCE HOUSE RATED ENERGY TARGET (GJ/YEAR)	
HVAC	
Hot Water Heating	
SUM	

The airtightness value used in the energy model calculations for the Proposed House is:

☐ 4.5 ACH @ 50Pa ☐ 3.5 ACH @ 50Pa **OR** Tested At _____ ACH @ 50Pa

The above calculation was performed in compliance with Subsection 9.36.5. of Division B: ☐ Yes ☐ No

D: 9.36.6. ENERGY STEP CODE COMPLIANCE (see Sentence 2.2.8.3(3) of Division C)

Complete this section only if using the Energy Step Code Compliance Path in Subsection 9.36.6.

Proposed House Rated Energy Consumption (GJ/year): _____ Reference House Rated Energy Target (GJ/year): _____

METRIC	UNITS	REQUIRED	PROPOSED
Step Code Level	Step 1, 2, 3, 4, or 5		
Mechanical Energy Use Intensity (MEUI)	kWh/(m²·year)	*(max)*	
ERS Rating % Lower Than EnerGuide Reference House, *where applicable*	%	*(min)*	
Thermal Energy Demand Intensity (TEDI)	kWh/(m²·year)	*(max)*	
Peak Thermal Load (PTL)	W/m²	*(max)*	
Airtightness in Air Changes per Hour at 50 Pa differential	ACH @ 50 Pa	*(max)*	
Step Code Design Requirements Met: ☐			

The above calculation was performed in compliance with (see Clause 2.2.8.3.(2)(e) of Division C)

Select One:

☐ Subsection 9.36.5.,

☐ 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,

☐ The EnerGuide Rating System (ERS), version 15 or newer, or

☐ The applicable requirements of NECB Part 8 and the City of Vancouver Energy Modelling Guidelines.

E: COMPLETED BY

Full Name (Print): _____

Company Name: _____

Phone: _____

Address: _____

Email: _____

Date (dd/mm/yyyy): _____

If applicable, enter ERS information:

Advisor ID Number: _____

Service Organization: _____

EnerGuide P #: _____

SUPPLEMENTARY INFORMATION

Supplementary information is not required for Code Compliance but may be requested by the local municipality/district.

If required, complete the applicable sections below.

F: OTHER ENERGY MODELLING METRICS

METRIC	UNITS	PROPOSED
Airtightness NLA@10Pa	cm^2/m^2	
EnerGuide Rating	GJ/year	
EnerGuide Reference House	GJ/year	
EnerGuide Rating % Lower Than EnerGuide Reference House House with baseloads	%	
Rated Energy Intensity	GJ/m^2/year	
Rated Greenhouse Gas Emissions	kg/year	
Rated Greenhouse Gas Intensity	kg/m^2/year	

G: OPTIONAL CERTIFICATIONS

PENDING:

- ☐ BUILTGREEN®, Level: _____
- ☐ Certified Passive House
- ☐ CHBA Net Zero House
- ☐ ENERGY STAR® for New Homes
- ☐ LEED® Canada for Homes, Level: _____
- ☐ R2000
- ☐ Other: _____