



BC STEP CODE COMPLIANCE CHECKLIST PERFORMANCE PATHS FOR PART 9 BUILDINGS



A: PROJECT INFORMATION

Building Permit #:

Builder: Lovatto Developments
 Project Address: 2550 Green Field
 Municipality / District: Kamloops
 Postal Code: V2B 4P7
 PID or Legal Description: PID: 008-724-610

As Built

Building Type

Laneway House

of Dwelling Units: 1

B: CODE COMPLIANCE SUMMARY

BC Building Code Performance Compliance Path:

9.36.6. BC Energy Step Code ERS

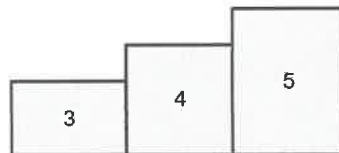
Energy Step Code
Step Required

3

Step Achieved

4

Achieved



Required

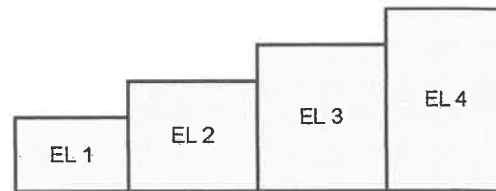
Zero Carbon Step Code
Level Required

EL 2 - Moderate

Level Achieved

EL 3 - Strong

Achieved



Required

Based on info provided by the builder & drawings prepared by:

Radicle Homes

Site Visit Date

2025-09-23

C: COMPLETED BY

Full Name (Print): Jordan Lester Date (YYYY-MM-DD): 2025-09-23
 Company Name: Bernhardt Contracting Service Organisation: CHBABC
 Phone: 250-857-2432 Energy Advisor ID #: 51C2
 Address: 1535 Oak Crest Dr Victoria BC V8P 1K7 CODECO placed in Field 8 of H2K: x
 Email: jordan@bernhardtcontracting.com

N File #

51C2N00388

D: BUILDING CHARACTERISTICS SUMMARY

	Details (Assembly / System Type / Fuel Type / Etc.)	Average Effective RSI	
		USI	SHGC
Roof / Ceilings	Truss 24" OC R 28 Batt	4.64	
Above Grade Walls	2x6" @ 24" OC R24 Batt	3.70	
Rim Joists / Floor Headers and Lintels	N/A		
Floors Over Unheated Space	N/A	0.00	
Walls Below Grade	N/A	0.00	
Slabs	4" Concrete with 2" Ridged Insulation	1.40	
Windows and glazed doors	Double Glazed, Argon Filled, Vinyl Frame	Performance Values	
		USI	SHGC
		1.50	0.30
Doors	Steel Polystyrene Core	RSI	0.98
Air Barrier System & Location	Ceilings: Interior Sealed Poly & Caulk Walls: Interior Sealed Poly & Caulk	ACH	2.10
		NLA	0.70
		NLR	0.52
Space Heating/ Cooling	Principal Air Source Heat Pump	HSPF	12.40
		SEER	26.40
	Supplementary		
Domestic Hot Water	Electric Tank	EF	0.89
Ventilation	HRV	% EFF	L/s
		70.00	15.00
Other			
Fossil Fuels	The building including all units is designed with NO fossil fuel use or infrastructure		

E: 9.36.5. ENERGY PERFORMANCE COMPLIANCE

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

Proposed House Energy Consumption (GJ/year)	
HVAC	
DHW Heating	
SUM	0

Reference House Rated Energy Target (GJ/year)	
HVAC	
DHW Heating	
SUM	0

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

Or Tested At: 3.60

The above calculation was performed in compliance with Subsection 9.36.5. of Division B: _____

F: 9.36.6. ENERGY STEP CODE COMPLIANCE

As Built House Rated Energy Consumption (GJ/year): 19

Reference House Rated Energy Target (GJ/year): 36

			As-built Calculations		
Proposed House Metrics	Unit	As Built Step Requirements		As-built House Result	As-built House Pass or Fail
Step Code Level	Step 3, 4 or 5	4			
Mechanical Energy Use Intensity (MEUI)	kWh/(m²·year)	118	(max)	74	Pass
% Improvement	%	30	(min)	46	
Thermal Energy Demand (TEDI)	kWh/(m²·year)	35	(max)	45	Pass
% Heat Loss Reduction	%	15	(min)	21	
Airtightness in Air Changes per Hour at 50 Pa differential	ACH @ 50 Pa	1.5	(max)	2.1	Pass
Normalized Leakage Area (NLA ₁₀)	10 Pa (cm²/m²)	0.72	(max)	0.7	
Normalized Leakage Rate (NLR ₅₀)	L/s/m²	0.53	(max)	0.5	
Step Code Requirements Met:					Yes

Software Used: Hot 2000

Version: 11.11

Heated Floor Area (m²) 72.60

Climate Data (Location): KAMLOOPS

Building Volume (m³) 238.40

Degree Days Below 18°C (HDD): 3450

FWDR: 12.2%

% Of Space Cooled More than 50%

Caution User Entered HDD

G: ZERO CARBON STEP CODE

			Proposed Calculations		
Proposed House Metrics		Unit	Proposed Level Requirement	Proposed House Result	Proposed House Pass or Fail
Zero Carbon Step Code Level		EL-1 - EL-4	EL 3 - Strong		
Total GHG		kg CO _{2e} / year	440 <i>(max)</i>	138	Pass
CO _{2e} per floor area with max	Per Floor area	kg CO _{2e} /m²/year	6.0 <i>(max)</i>	1.9	Pass
	Max	kg CO _{2e}	2400 <i>(max)</i>	138	
Perscriptive	Heating	Zero Carb		Zero Carb	Pass
	Hot Water	NA		Zero Carb	
	All building systems,equipment and appliances		NA		
Target Reached					Yes

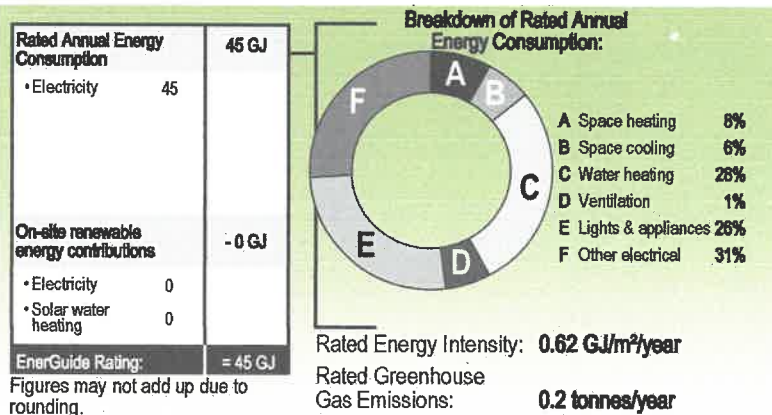
2550 Green Field Ave,
Kamloops, BRITISH COLUMBIA, V2B 4P7

ENERGUIDE

Data collected: September 23, 2025

File number: **51C2N00388**

Evaluated by: Jordan Lester



The energy consumption indicated on your utility bills may be higher or lower than your EnerGuide rating. This is because standard assumptions have been made regarding how many people live in your house and how the home is operated. Your rating is based on the condition of your house on the day it was evaluated.

Quality assured by: CHBA BC

Builder: Lovatto Developments

Visit [NRCan.gc.ca/myenerguide](https://www.nrcan.gc.ca/myenerguide)



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