

# Green Buildings Open House Tour 2024

Sat, June 1, 11 am - 4 pm

## SILVER SPONSORS



## BRONZE SPONSORS



## Fairholme - Laneway Home



## SITE OVERVIEW

Tour Day: June 1st, 2024

Address: 814 13 Street, Canmore, AB, T1W 1W6

Hosts: Homeowner

Parking: On the street

Key Attractions:

- Accessory dwelling/laneway house showcasing a spacious living space in a small footprint
- Passive House design principles
- Wood fibre insulation
- High-efficiency heating systems
- Solar energy generation

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Fairholme, Laneway Home

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## WHY IS THE FAIRHOLME LANEWAY HOME ON THE TOUR

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This 600-square-foot independent, legal, two-bedroom accessory dwelling unit (or laneway house) has been designed using Passive House principles. The main level has a double-car garage with a concrete slab on grade, and the living space is on the second level. This property showcases how you can create a spacious living area on a relatively small footprint, with tailored design and southern exposure. This unit features exterior wrap insulation in form of wood fiber boards to reduce thermal bridging and increase airtightness whilst providing a breathable building envelope.

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## WHAT WILL PEOPLE SEE & LEARN ABOUT AT THIS PROPERTY?

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- Passive House Design principles
- Air Tightness
- Wood Fibre Insulation
- Passive solar
- Solar energy generation

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## WHAT ENERGY EFFICIENT FEATURES ARE SHOWCASED?

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- Insulation
- Airtightness
- Heat recovery ventilator (HRV)
- Energy efficient windows
- High-efficiency toilets
- 10.5kW 26-panel solar photovoltaic array

