

## Green Buildings Open House Tour 2024

Sat, June 1, 11 am - 4 pm

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# **Larch - Deep Energy Retrofit**



#### SITE OVERVIEW

Tour Day: June 1st, 2024

Address: 302 Larch Place, Canmore, AB TIW 1R7

Hosts: HSS Design Build

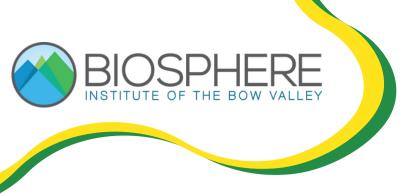
Parking: On the street, No parking in the Cul de Sac.

Please park on Larch Avenue

#### **Key Attractions:**

- Deep Energy Retrofit to Passive House Principles
- Air to Water Heat Pump
- Continuous exterior Insulation
- Under construction

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#### WHY IS THE LARCH RETROFIT ON THE TOUR

This home, currently under construction, is an example of a Deep Energy Retrofit to a modular home with the addition of an extra story.

The retrofit has been designed with passive house principles in mind, along with sustainable solutions to extend the life cycle of the building and improve the energy efficiency and interior air quality.



- Deep energy retrofit
- Passive house principles
- Air to Water Heat pump systems
- · Continuous exterior insulation
- · Sustainable building materials

### WHAT ENERGY EFFICIENT FEATURES ARE SHOWCASED?

- Insulation
- · Air tightness
- · High-efficiency appliances
- Heat recovery ventilator (HRV)
- Passive solar
- High-efficiency toilets
- Air source to water heat pump
- · Low-flow shower heads or faucets
- Smart Technology





