

Green Buildings Open House Tour 2024

Sat, June 1, 11 am - 4 pm

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Lions Park - Near NZ Home



BRONZE SPONSORS



SITE OVERVIEW

Tour Day: June 1st, 2024

Address: 929 16th Street, Canmore, AB, T1W 1X4

Hosts: Homeowner

Parking: On the street

Key Attractions:

- Open Loop Ground Source Heat Pump
- Solar ready
- Passive Home Construction
- Under construction

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WHY IS THE LIONS PARK PROPERTY ON THE TOUR?

The homeowners are both retired engineers with a passion for sustainable energy. Their dream of building a Net Zero Home, which takes advantage of all the natural energy assets available at a given location, has come to fruition in this new build, which is currently under construction. Years of research, expert guidance, and a passion for renewable energy give these property owners a wealth of knowledge that can help anyone undertaking a similar initiative. A resource to be tapped in the same way his home has tapped into the Geoexchange potential at this location.

WHAT WILL PEOPLE SEE & LEARN ABOUT AT THIS PROPERTY?

- Net zero homes and Passive House principles
- Open Loop Geothermal and Heat pump systems
- High-performance building envelope design

WHAT ENERGY EFFICIENT FEATURES ARE SHOWCASED?

- 16" thick Insulation
 - High-efficiency appliances
 - Heat recovery ventilator (HRV)
 - Energy-efficient windows
 - Solar generation ready
 - Passive solar design
 - Ground-source heat pump
 - Geothermal heating and cooling
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