

Estate Infrastructure & Systems Overview

727 Earhart Rd.

Overview

This estate is supported by a thoughtfully integrated suite of energy, water, and mechanical systems designed to provide exceptional efficiency, reliability, and year-round comfort. These systems offer a rare level of independence while maintaining the convenience and performance expected of a luxury home.

Solar Energy System

- 32-panel solar array (approx. 15 kW output)
- High-efficiency 460-watt panels
- 12 kW inverter with advanced charge control (Growatt)
- Installed March 2026

Backup Power & Energy Storage

- Centurion generator (5000 running watts)
- Battery storage system (approx. 30 kW capacity)
- Designed for seamless supplemental power support

Fuel Storage

- Owned 1,000-gallon propane tank
- Supports heating, hot water, and backup systems

Private Water System

- Private well (121 ft depth)
- Strong production at 19 GPM (tested August 2018)
- New 1.5 hp well pump June 2024

Septic System

- Conventional system (1,500-gallon capacity)
- Serviced August 2025

Heating & Climate Systems

- Radiant in-floor heating via outdoor hydronic wood boiler
- Propane water heater backup (Polaris 50-gallon)
- Forced-air heat pump (Trane)
- Central air conditioning (4-ton system)

Central Boiler System

- Outdoor wood-fired hydronic boiler
- Provides heated water for radiant floor heating, domestic hot water, and primary whole-home heating
- Integrated with propane and heat pump systems for flexibility and efficiency

A rare combination of private infrastructure and refined living, offering long-term efficiency, resilience, and comfort.