

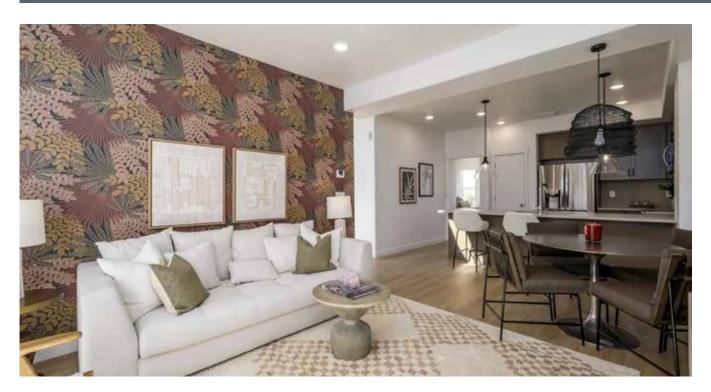
# Garbett Construction

Axis at Millcreek | Millcreek, UT | GarbettHomes.com





Over the years we have found ways to get the highest effectiveness from readily available technologies." Garbett Construction









## PROJECT DATA

- **Layout:** 3 bdrm, 2.5 bath, 3 fl, 1,722 ft<sup>2</sup>
- Climate: IECC 5B, cold
- Completed: February 2024
- Category: Production

#### MODELED PERFORMANCE DATA

- **ERI:** without PV 50; with PV 39
- Annual Energy Costs: without PV \$1,100; with PV \$850
- Annual Energy Cost Savings: (versus typical new homes) without PV \$1,650; with PV \$1.900
- Annual Energy Savings: without PV 2,110 kWh; with PV 4,513 kWh
- Savings in the First 30 Years: without PV \$69,650; with PV \$80,400

### CONTACT

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## KEY FEATURES

- Walls:  $2x6\ 24''$  o.c. + 1" XPS, R-28.1 total: advanced framed, R-23.1 blown-in fiberglass,  $\frac{7}{16}$ " OSB sheathing, house wrap, 1" XPS rigid insulation, stucco, brick, and other cladding.
- **Roof:** Gable truss roof,  $\frac{7}{16}$ " OSB sheathing, roof felt, asphalt shingles.
- Attic: Unvented, vaulted ceilings, 16" R-60 blown-in fiberglass on attic floor, 12" raised-heel energy truss.
- **Foundation:** Slab on grade poured concrete, R-10 insulation below slab. Floor joists filled with 12" R-38 blown-in fiberglass insulation. Rim joists filled with spray foam.
- Windows: Double-pane windows, U=0.25, SHGC=0.29.
- Air Sealing: 2.70 ACH50; spray foam over all top plates; canned foam at all electric boxes, at stud bays on exterior walls with stairs. Acoustical sealant at top and bottom plate of party walls.
- Ventilation: ERV.
- **HVAC:** Central air-source heat pump, 10.5 HSPF, 18 SEER. Metal and flex ducts; all ducts in conditioned space.
- Hot Water: Heat pump water heater, 50-gal, 3.88 COP. Demand recirculation.
- Lighting and Appliances: ENERGY STAR appliances.
- Solar: 1.6 kW, no battery.
- Energy Management System: PV energy production monitored through an app.
- Other: All-electric home. PV standard in some communities. Xeriscaping. Homeowner manual. This production and multifamily home builder is committed to 100% Zero Energy Ready certification on all homes.





