



# Garbett Construction

Sterling at Capitol Hill | Salt Lake City, UT | GarbettHomes.com



Photos courtesy of Garbett Construction

“My little girl has a lot of immune system issues...the ERV system...helps a lot with keeping her healthier.” Homeowners



## PROJECT DATA

- **Layout:** 3 bdrm, 3 bath, 3 fl, 1,857 ft<sup>2</sup>
- **Climate:** IECC 5B, cold
- **Completed:** December 2021
- **Category:** Attached

### MODELED PERFORMANCE DATA

- **HERS Index:** without PV 50
- **Annual Energy Costs:** without PV \$774
- **Annual Energy Cost Savings:** (vs typical new homes) without PV \$630
- **Annual Energy Savings:** without PV 3,000 kWh, 450 Therms
- **Savings in the First 30 Years:** without PV \$4,300

## KEY FEATURES

- **Walls:** 2x6, 24" o.c., panelized, R-23 total: advanced framed, 5.5" blown fiberglass in cavity, 7/16" OSB, house wrap, 20-gauge lath, 3/8" cement base coat stucco.
- **Roof:** Truss gabled & shed roofs: 16" R-60 blown fiberglass, 7/16" OSB, #15 felt, asphalt shingles.
- **Attic:** Vented attic, 16" R-60 blown fiberglass; 12" raised-heel energy trusses.
- **Foundation:** Slab-on-grade.
- **Windows:** Double-pane, low-e, vinyl frame; single-hung and sliders. U=0.26, SHGC=0.31.
- **Air Sealing:** 3.49 ACH 50. Taped house wrap. Whole house aerosolized acrylic sealant.
- **Ventilation:** ERV, 66% SRE; integrated with central air handler. MERV 8 filter in air handler, MERV 6 filter in ERV. Exhaust fan runs continuously at 50 CFM.
- **HVAC:** Gas furnace, 96.5% AFUE, ECM motor; air conditioner 15 SEER.
- **Hot Water:** Gas tankless, 96% EF. Push-button hot-water recirculation system.
- **Lighting:** 100% LED.
- **Appliances:** ENERGY STAR refrigerator, dishwasher, clothes washer.
- **Solar:** PV ready, wiring in place, roof will support panels.
- **Water Conservation:** EPA WaterSense; push-button recirculation pump. “Localscaped” mix of patios, play areas, bark mulch, local plants, and grass.
- **Energy Management System:** Programmable thermostat.
- **Other:** Panelized walls. No/low-emission products.

## CONTACT

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