

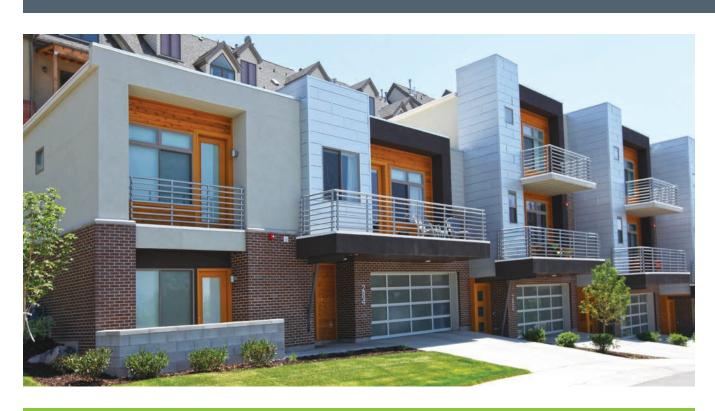
# Garbett Homes



Almond Street | Salt Lake City, UT | GarbettHomes.com



"Not once in my home have I had to use my inhaler." Home owner









### PROJECT DATA

• **Layout:** 2 bdrm, 2 bath, 2 fl, 1,564 ft<sup>2</sup>

Climate: IECC 5B, cold
Completed: October 2017
Category: multifamily

#### MODELED PERFORMANCE DATA

- HERS Index: without PV 54; with PV 41
- Annual Energy Costs: without PV \$850; with PV \$650
- Annual Energy Cost Savings: (vs typical new homes) without PV \$550; with PV \$850
- Annual Energy Savings: without PV 2,400 kWh, 400 therms; with PV 4,900 kWh, 400 therms
- Savings in the First 30 Years: \$41,200

## CONTACT

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# **KEY FEATURES**

- **Walls:** 2x6 24" o.c., advanced framed, 2-stud corners, single headers, drywall clips; R-23 dense-packed blown fiberglass; sprayer-applied sealant at top and bottom plates; house wrap; spray foam at rim joists, attic heels, attic top plate.
- Roof: TPO flat roof.
- Attic: R-60 blown fiberglass, raised heel trusses, spray foam over exterior wall top plates.
- **Foundation:** Slab on grade with R-10 slab-edge insulation to 4-ft depth; R-22 batt on interior of below-grade wall.
- Windows: Double-pane, low-e, vinyl frames; U=0.30, SHGC=0.30.
- Air Sealing: 2.5 ACH 50; sprayer-applied drywall gasket and top and sill plate sealant.
- Ventilation: Continuous ERV and bath fan; MERV 8 filter.
- **HVAC:** 96.5% AFUE multi-stage gas furnace with ECM motor; 15 SEER air conditioner; all ducts and air handlers in conditioned space.
- Hot Water: 93% efficient tankless.
- Lighting: 100% LED.
- Appliances: ENERGY STAR refrigerator and dishwasher.
- Solar: 1.71-kW PV system; room for PV expansion.
- Water Conservation: Low-flow fixtures; push-button recirculation pump. Low-water landscaping, drip irrigation.
- Energy Management System: Programmable thermostat.
- Other: Low- or no-VOC paints and adhesives; passive radon mitigation.





