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 ft²
• 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

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.

CONTACT

Damian Mora
801-456-2430
damian@garbetthomes.com

For more information on the DOE Zero Energy Ready Home program, go to http://energy.gov/eere/buildings/zero-energy-ready-home or scan the QR code.