Philgreen Construction
Revive, The Stanley Model | Fort Collins, CO | PhilgreenCo.com

“We are always comfortable, with little in the way of temperature adjustment. It is also very quiet and efficient.” Home owner

PROJECT DATA
• Layout: 3 bdrm, 3 bath, 2 fl, 2,296 ft²
• Climate: IECC 5B, cold
• Completed: January 2017
• Category: production

MODELED PERFORMANCE DATA
• HERS Index: without PV 41 with PV -5
• Projected Annual Energy Costs: without PV $1,250, with PV $-80
• Projected Annual Energy Cost Savings: (vs typical new homes) without PV $900, with PV $2,250
• Annual Energy Savings: without PV 10,800 kWh, with PV 26,200 kWh

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KEY FEATURES
• Walls: R-23 blown fiberglass in exterior walls, R-13 blown cellulose in party walls, R-20 open-cell spray foam in rim joist.
• Roof: 7/16” OSB sheathing, ice-and-water shield, drip edge, asphalt shingles.
• Attic: R-49 open-cell foam in vaulted ceilings.
• Foundation: Slab-on-grade, 2” R-10 closed-cell spray foam under slab, R-10 EPS slab edge.
• Windows: Double-pane, vinyl-framed, low-e, argon-filled windows, U=0.29, SHGC =0.17.
• Air Sealing: 1.21 ACH 50.
• HVAC: Ground-source heat pump, 3.8 COP, 18.7 EER.
• Hot Water: Air-source heat pump 50-gal water heater, 2.45 EF.
• Lighting: 100% LED, two ENERGY STAR ceiling fans.
• Appliances: ENERGY STAR refrigerator, dishwasher, clothes washer and dryer.
• Solar: 8.48-kW PV.
• Water Conservation: Dual-flush toilets, low-water landscaping. WaterSense faucets.
• Energy Management System: Programmable thermostat.
• Other: Wired for electric car charging station; low-VOC paint; day-lit closets, bath, and garage; polished concrete floors on first floor.