

# Revive Properties

U.S. DOE

ZERO

ENERGY READY HOME

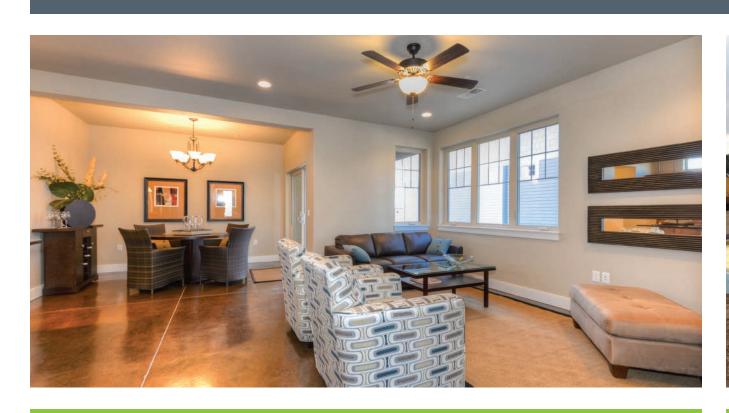
2017 WINNER

Housing
Innovation
Awards

The Stanley Model | Fort Collins, CO | ReviveFC.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 ft<sup>2</sup>

Climate: IECC 5B, coldCompleted: 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

#### CONTACT

Developer: Susan McFaddin Revive Properties, 970-420-0000 sue@7genllc.com Builder: Dave Phillips Philgreen Construction, 970-672-0089 dave@philgreenco.com

### 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.
- Ventilation: ERV.
- **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.





