



Revive Properties/Philgreen Construction

Green Leaf Street | Fort Collins, CO | Philgreenco.com; ReviveFC.com



Photos courtesy of Revive Properties/Philgreen Construction

“Being able to use natural energy...helps us do our little part.” Home owner



PROJECT DATA

- **Layout:** 2 bdrm, 4 bath, 3 fl, 1,533 ft²
- **Climate:** IECC 5B, cold
- **Completed:** November 2017
- **Category:** multifamily

MODELED PERFORMANCE DATA

- **HERS Index:** without PV 42; with PV -8
- **Annual Energy Costs:** without PV \$800; with PV \$50
- **Annual Energy Cost Savings:** (vs typical new homes) without PV \$1,050; with PV \$1,850
- **Annual Energy Savings:** without PV 10,600 kWh; with PV 20,000 kWh
- **Savings in the First 30 Years:** \$80,900

KEY FEATURES

- **Walls:** 2x6 advanced framed, R-23 blown-in fiberglass in exterior walls; R-13 blown-in cellulose in party walls. R-20 open-cell spray foam in rim joists.
- **Roof:** 7/16" OSB sheathing, ice-and-water shield, drip edge, asphalt shingles.
- **Attic:** R-50, open-cell spray foam on underside of roof deck, unvented.
- **Foundation:** R-10 EPS at slab edge, R-10 EPS under slab.
- **Windows:** Double-pane, low-e, argon-filled, vinyl frames; U=0.29, SHGC=0.22.
- **Air Sealing:** 2 ACH 50.
- **Ventilation:** Exhaust fans, 92 cfm, 15 Watts.
- **HVAC:** Ground-source heat pump, 3.6 COP, 18.1 EER.
- **Hot Water:** Air-source heat pump 50-gal water heater, 3.42 EF.
- **Lighting:** 100% LED, 2 ENERGY STAR ceiling fans.
- **Appliances:** ENERGY STAR refrigerator, dishwasher, clothes washer, and clothes dryer.
- **Solar:** 6.4-kW PV system.
- **Water Conservation:** Dual-flush toilets, recirculation pump.
- **Energy Management System:** Smart thermostat.
- **Other:** Prewired for electric car charging stations. Low-VOC paint. Daylighting.

CONTACT

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

