



Revive Properties/Philgreen Construction

Urban Prairie Street | Fort Collins, CO | Philgreenco.com; ReviveFC.com



Photos courtesy of Revive Properties/Philgreen Construction

"I am so proud of this home." *Home owner*



PROJECT DATA

- **Layout:** 2 bdrm, 2.5 bath, 1 fl, 1,620 ft²
- **Climate:** IECC 5B, cold
- **Completed:** March 2018
- **Category:** production

MODELED PERFORMANCE DATA

- **HERS Index:** without PV 48; with PV -11
- **Annual Energy Costs:** without PV \$1,150; with PV \$50
- **Annual Energy Cost Savings:** (vs typical new homes) without PV \$1,050; with PV \$2,150
- **Annual Energy Savings:** without PV 10,500 kWh; with PV 24,000 kWh
- **Savings in the First 30 Years:** \$94,200

CONTACT

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KEY FEATURES

- **Walls:** 2x6 advanced framed, R-23 blown-in fiberglass in exterior 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, vinyl framed, low-e, argon-filled; U=0.28, SHGC=0.17.
- **Air Sealing:** 2 ACH 50.
- **Ventilation:** ERV.
- **HVAC:** Ground-source heat pump, 3.8 COP, 18.7 EER.
- **Hot Water:** Electric water heater, 0.98 EF.
- **Lighting:** 100% LED, 2 ENERGY STAR ceiling fans.
- **Appliances:** ENERGY STAR refrigerator, dishwasher, clothes washer, and clothes dryer.
- **Solar:** 9.92-kW PV system.
- **Water Conservation:** Dual-flush toilets. Low-water landscaping.
- **Energy Management System:** Smart thermostat.
- **Other:** Electric car charging stations. Low-VOC paint. Daylighting.



Energy Efficiency &
Renewable Energy



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.



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