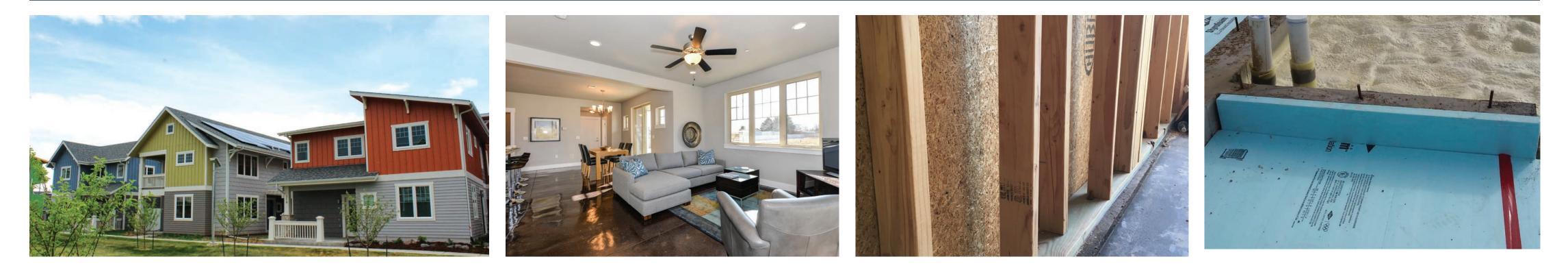


# **Revive Properties/Philgreen Construction**

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



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



## PROJECT DATA

### • Layout: 2 bdrm, 2.5 bath, 1 fl, 1,620 ft<sup>2</sup>

- Climate: IECC 5B, cold
- Completed: March 2018
- Category: production

## **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.

#### **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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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.



- 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.