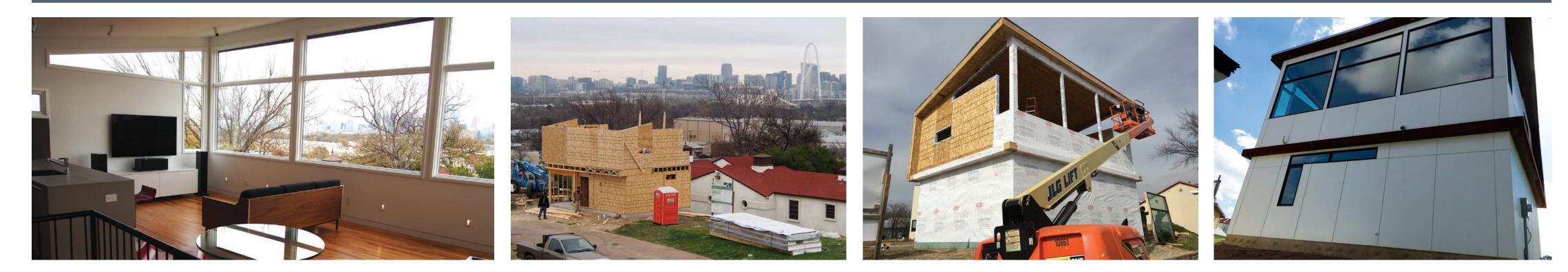


Ferrier Custom Homes

Malone Cliff | Dallas, TX | FerrierCustomHomes.com



"My experience living in a zero energy ready home has been very positive." Home owner



PROJECT DATA

- Layout: 1 bdrm, 1 bath, 2 fl, 810 ft²
- **Climate:** IECC 3A, hot-humid
- Completed: August 2016
- Category: custom for buyer

KEY FEATURES

- Walls: 4.5" R-23 SIP walls; advanced framed interior walls; synthetic house wrap; fiber cement and metal siding.
- **Roof:** ENERGY STAR Class IV highly reflective galvalume standing-seam steel roofing over synthetic underlayment.
- Attic: Cathedral ceilings of 10.25" SIPs.

MODELED PERFORMANCE DATA

- **HERS Index:** without PV 52, with PV NA
- **Projected Annual Energy Costs:** without PV \$750, with PV \$NA
- Projected Annual Energy Cost Savings: (vs typical new homes) without PV \$800; with PV NA
- Annual Energy Savings: without PV 20 MBtu; with PV NA

CONTACT

Heather Laminack 817-237-6262 ferriercustomhomes.com

- Foundation: Elevated poured concrete slab on pier.
- Windows: Wood-framed, metal-clad, double-pane low-e3, argon-filled, U=0.28, SHGC=0.21.
- Air Sealing: 1.2 ACH 50.
- Ventilation: ERV.
- HVAC: Air-source heat pump, 20 SEER, 9.6 HSPF; all ducts in conditioned space.
- Hot Water: Electric tankless, .99 EF.
- Lighting: 100% LED.
- **Appliances:** ENERGY STAR refrigerator, dishwasher, clothes washer.
- Solar: Solar ready.
- Water Conservation: Drought-tolerant landscaping; low-flow fixtures; rainwater catchment.
- Energy Management System: Programmable thermostat.
- **Other:** Exterior rolling shades on east windows. Passive solar design. No/low-VOC products and finishes. Fortified design includes extra-strength anchor bolts and washers. Extra-strength connectors from roof to foundation. 3X roofing screws.



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.

