



# Ferrier Custom Homes

Malone Cliff | Dallas, TX | FerrierCustomHomes.com



Photos courtesy of Ferrier Custom Homes

“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 ft<sup>2</sup>
- **Climate:** IECC 3A, hot-humid
- **Completed:** August 2016
- **Category:** custom for buyer

### 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

## 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.
- **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.

## CONTACT

Heather Laminack  
817-237-6262  
ferriercustomhomes.com

