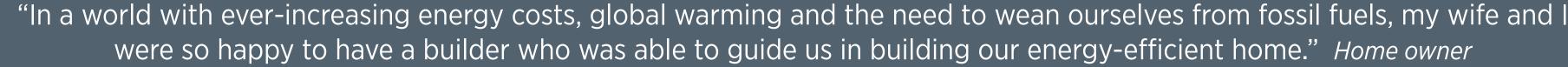


# E2 Homes

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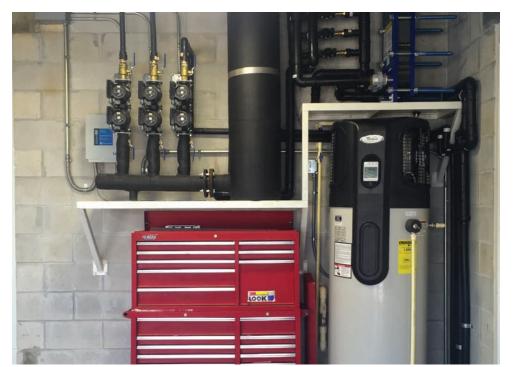














## PROJECT DATA

- **Layout:** 5 bdrm, 4 bath, 1.5 fl, 3,912 ft<sup>2</sup>
- Climate: IECC 2A, hot-humid
- Completed: Fall 2015
- Category: custom for buyer

#### **MODELED PERFORMANCE DATA**

- **HERS Index:** without PV 60, with PV 5
- Projected Annual Energy Costs:
  without PV \$2,258, with PV \$610
- Projected Annual Energy Cost Savings: (vs home built to 2012 IECC) without PV \$1,191, with PV \$2,851
- Annual Energy Savings: without PV
  9,925 kWh, with PV 23,764 kWh

# KEY FEATURES

- Walls: R-19 concrete block walls.
- Roof: Thermoplastic polyolefin roof membrane.
- Attic: Spray foam R-21.
- Foundation: Slab-on-grade.
- Windows: Low-e windows and sliders, U=0.26, SHGC=0.27.
- Air Sealing: 2.11 ACH 50.
- Ventilation: Timer-controlled exhaust fans and controlled fresh air intake.
- **HVAC:** Geothermal heat pump, 26.71 EER.
- Hot Water: Hybrid heat pump hot water, with geothermal heat recovery/preheat.
- **Lighting:** LEDs.
- **Appliances:** ENERGY STAR refrigerator, dishwasher.
- Solar: 10-kW PV, wired for more.
- Water Conservation: WaterSense low-flow fixtures, high-efficiency irrigation.
- Energy Management System: Web-based energy monitoring.
- Other: Low-VOC paint.

## CONTACT

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