



Photos courtesy of Habitat for Humanity, South Sarasota County

“Providing our first-time home buyers a truly once-in-a-lifetime experience!” *Michael Sollitto, Habitat for Humanity South Sarasota County*



PROJECT DATA

- **Layout:** 3 bdrm, 2 bath, 1 fl, 1,437 ft²
- **Climate:** IECC 2A, hot-humid
- **Completed:** May 2017
- **Category:** affordable

MODELED PERFORMANCE DATA

- **HERS Index:** without PV 47; with PV NA
- **Annual Energy Costs:** without PV \$800; with PV \$NA
- **Annual Energy Cost Savings:** (vs typical new homes) without PV \$700; with PV \$NA
- **Annual Energy Savings:** without PV 6,000 kWh; with PV NA
- **Savings in the First 30 Years:** \$30,400

CONTACT

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KEY FEATURES

- **Walls:** Concrete block wall, ¾" EPS foam board on interior, ¾" furring strips, perforated foil insulation, ½" gypsum board, stucco cladding.
- **Roof:** ⅝" sheathing; self-adhering underlayment; ENERGY STAR reflective asphalt shingles. Borate-treated 2x8" soffit and roof trusses.
- **Attic:** Unvented; insulated under roof deck with 5.5" R-20 water-based spray foam.
- **Foundation:** Slab on grade; uninsulated; framing treated for termites.
- **Windows:** Double-pane, single-hung, low-e, argon-filled, thermally insulated, vinyl frames; U=0.32, SHGC=0.19.
- **Air Sealing:** 3.15 ACH 50
- **Ventilation:** Controlled central fan with fresh air intake and timered exhaust.
- **HVAC:** Ducted mini-split heat pump, 1.5 ton, 15.5 SEER.
- **Hot Water:** Hybrid 50-gallon hot water heater, 2.35 EF.
- **Lighting:** 100% LED, ENERGY STAR ceiling fans.
- **Appliances:** ENERGY STAR refrigerator and dishwasher.
- **Solar:** None.
- **Water Conservation:** Meets Florida Water Star guidelines, low-flow toilets, shower heads, and faucets; drought-resistant landscape, no irrigation.
- **Energy Management System:** Standard thermostat.
- **Other:** No-VOC paint. CARB ATCM emission standard-compliant countertops. Florida Friendly Landscaping compliant. Wind-resistant design. Stucco treated for termites.

