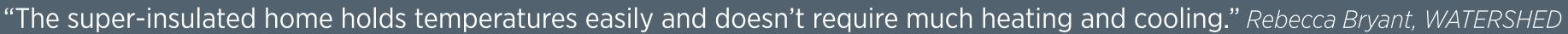


Scott Norman and WATERSHED

First ZERH + Fortified Hurricane Home | Fairhope, AL | WATERSHED.pro/projects















PROJECT DATA

• **Layout:** 3 bdrm, 3.5 bath, 2 fl, 3,542 ft²

• Climate: IECC 2A, hot-humid • Completed: August 2021

• Category: Custom for Buyer

MODELED PERFORMANCE DATA

• **HERS Index:** without PV 49

 Annual Energy Costs: without PV \$1,650

- Annual Energy Cost Savings: (VS typical new homes) without PV \$2,400
- Annual Energy Savings: without PV 9,250 kWh, 130 therms
- Savings in the First 30 Years: without PV \$117,900

CONTACT

Rebecca Bryant 251-929-0514 rebecca@watershed.pro

KEY FEATURES

- Walls: 2x6 (1st flr), 2x4 (2nd flr), 16" o.c., R-24 total: advanced framed, R-21 dense-pack cellulose, coated OSB with integrated ½" R-3.6 EPS; 1.5" air gap, 3-5%" local brick.
- Roof: Rafter hip roof: 2x8 rafters, self-adhered membrane, architectural asphalt shingles.
- Attic: Unvented, vaulted attic, 10.5" R-38 open-cell spray foam on underside of roof deck, covers rafters and top plates.
- Foundation: Slab on grade, CMU footing filled with grout and waterproofed.
- Windows: Double-pane, argon-filled, low-e3, fiberglass, U=0.30, SHGC=0.19. Interior motorized blinds.
- Air Sealing: 1.6 ACH50; spray foam at top plates, band joists, and all penetrations.
- Ventilation: Supply-only, ventilating dehumidifiers to HVAC. MERV 11 filters.
- HVAC: Central air-source heat pump, 9.5 HSPF, 17.5 SEER; duct board trunk, flex branches.
- Hot Water: Tankless gas water heater, 0.93 EF, manifolds with PEX piping.
- Lighting: 100% LED, dimmer switches, automated window blinds.
- Appliances: ENERGY STAR refrigerator, dishwasher, clothes washer, clothes dryer, ceiling fans (5), exhaust fans (4).
- **Solar:** None; south-facing roof is shaded.
- Water Conservation: Whole house is EPA WaterSense-certified.
- Energy Management System: Drip irrigation, dimmer switches, humidity sensors.
- Other: Low-emission products.





