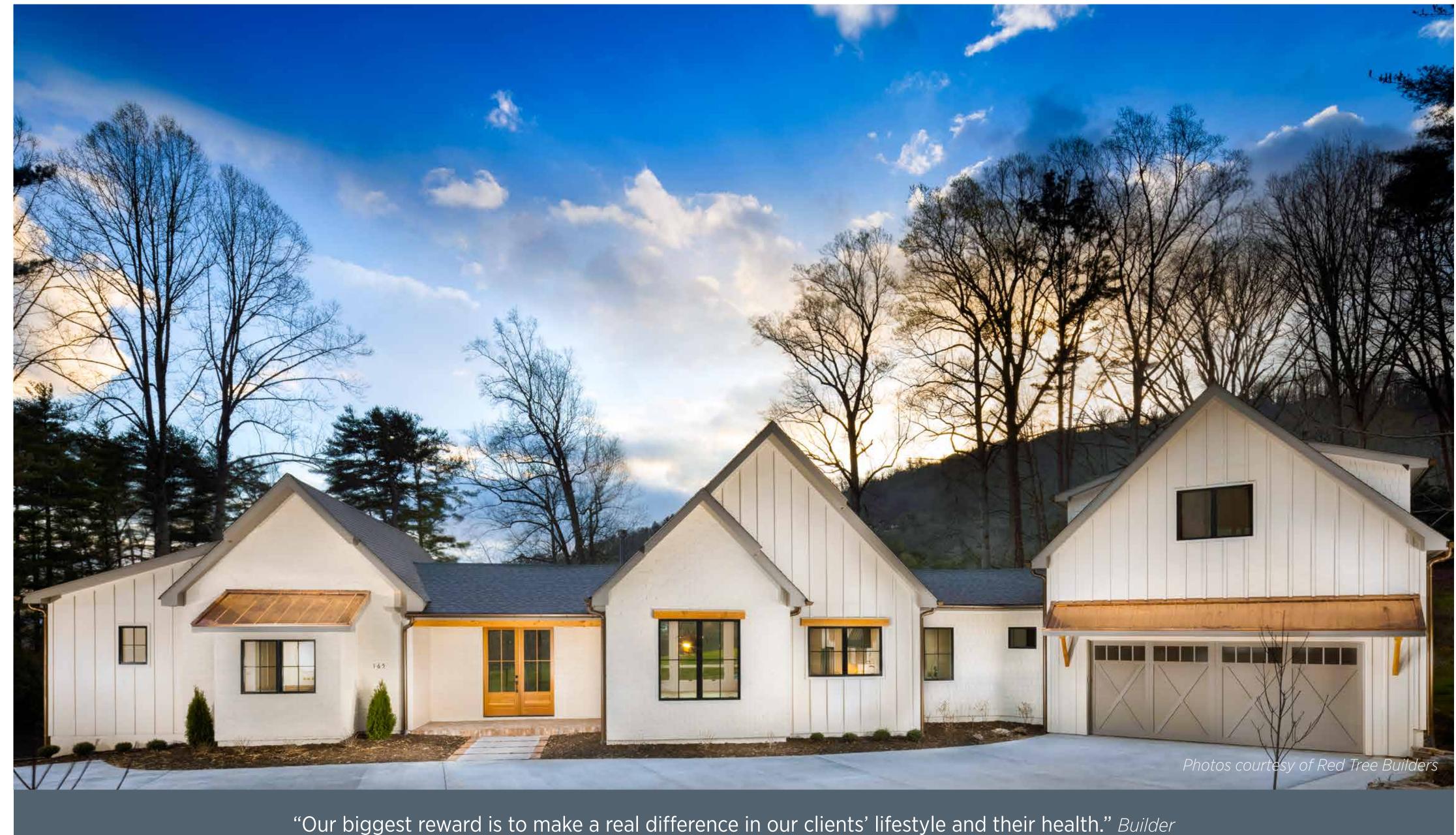


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PROJECT DATA

- **Layout:** 5 bdrm, 4 bath, 1 fl + bsmt, 4,501 ft²
- Climate: IECC 4A, mixed-humid
- Completed: March 2021
- Category: Custom Spec

MODELED PERFORMANCE DATA

- **HERS Index:** without PV 55
- Annual Energy Costs: without PV \$2,200
- Annual Energy Cost Savings: (vs typical new homes) without PV \$2,550
- Annual Energy Savings: without PV 14,500 kWh, 100 Therms
- Savings in the First 30 Years: without PV \$123,700

CONTACT

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KEY FEATURES

- Walls: 2x6, 24'' o.c., R-19 total: advanced framed, R-19 batt, $\frac{7}{16}''$ coated OSB, drain wrap; brick veneer and fiber cement siding, liquid flash door and window pans.
- Roof: Truss and rafter gabled roof: plywood deck, architectural shingles and metal roof.
- Attic: Unvented attic: vaulted ceilings, 7" R-28 open-cell spray foam under decking.
- Foundation: Pre-cast concrete walls with integrated foam-insulated concrete studs with metal nailer facings; 7" open+closed-cell spray foam in wall cavity, 40-mil waterproofing and drain mat on exterior, 2" rigid foam under slab.
- Windows: Double-pane, argon-filled, low-e3, aluminum-clad wood frame, U=0.27, SHGC=0.23.
- Air Sealing: 2.00 ACH50, aerosol whole-house sealant.
- Ventilation: ERV, MERV 11 filter at furnace, garage exhaust fan on motion sensor with timer.
- HVAC: Central air-source heat pump, 9.6 HSPF, 18 SEER, backup gas furnace 96 AFUE.
- Hot Water: Hybrid heat pump water heater, 80-gal, 3.45 UEF.
- Lighting: 100% LED, 2 solar tubes in master closet.
- Appliances: ENERGY STAR refrigerator, dishwasher, 3 exhaust fans, microwave.
- Solar: Solar ready with blocking for future PV components, breaker space in electrical panel, 1" labeled metal conduit installed from roof to panel and inverter location.
- Water Conservation: Low-flow fixtures, central manifold with PEX piping. French drains.
- Energy Management System: Smart thermostat has a humidity sensor.
- Other: EV charging, accessible doorways, lever handles, kitchen drawers, task lighting, showers. Low/no-VOC paints, stains, cabinets, flooring, trim, doors, recycled-plastic deck.





