



CVF Homes

Green Heights Infill | San Antonio, TX | CVFHomes.com



"We enjoy the comfort, quality, and performance of our certified Zero Energy Ready home." Home owner



PROJECT DATA

- **Layout:** 3 bdrm, 2.5 bath, 2 fls, 2,270 ft²
- **Climate:** IECC 2A, hot-humid
- **Completed:** August 2018
- **Category:** custom spec

MODELED PERFORMANCE DATA

- **HERS Index:** without PV 54
- **Annual Energy Costs:** without PV \$1,000
- **Annual Energy Cost Savings:** (vs typical new homes) without PV \$570
- **Annual Energy Savings:** without PV 6,700 kWh, 100 Therms
- **Savings in the First 30 Years:** \$27,600

CONTACT

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KEY FEATURES

- **Walls:** 2x6 16" o.c. advanced framing, R-15 total: ½" drywall, in cavity - 4" open-cell spray foam, on exterior - ⅝" coated OSB house wrap, ¾" stucco and fiber cement siding.
- **Roof:** Gable metal roof; 8" open-cell spray foam, ½" OSB, synthetic underlayment, ENERGY STAR Cool Roof certified, 40-year warranty.
- **Attic:** Unvented vaulted ceilings; 8" R-25 open-cell spray foam under roof deck.
- **Foundation:** Slab on grade, capillary break.
- **Windows:** Double-pane, argon-filled, low-e3, aluminum-clad wood double-hung frames, U=0.27, SHGC=0.21; overhangs on south-facing windows.
- **Air Sealing:** 1.8 ACH 50.
- **Ventilation:** Balanced ventilation: sensor and timer-controlled central fan with fresh air intake and timed exhaust, MERV 11 filter.
- **HVAC:** Central air-source heat pump, 9 HSPF, 17 SEER; short-run flex ducts.
- **Hot Water:** Gas tankless, .94 EF, ultra-low NOx burner, gas and water leak detectors.
- **Lighting:** 100% LED, 4 ENERGY STAR skylights for daylighting, integrated lighting controls.
- **Appliances:** ENERGY STAR dishwasher, water heater, and exhaust fans.
- **Solar:** Solar ready.
- **Water Conservation:** EPA WaterSense fixtures and toilets; drought-resistant landscaping.
- **Energy Management System:** Smart home system integrates thermostat, lighting, appliances, irrigation, garage door, and other security measures.
- **Other:** Electric vehicle charging; main floor master, no-step entry, wide doorways and halls; zero-VOC interior paints and primers, formaldehyde-free woods; sealed concrete floor.

