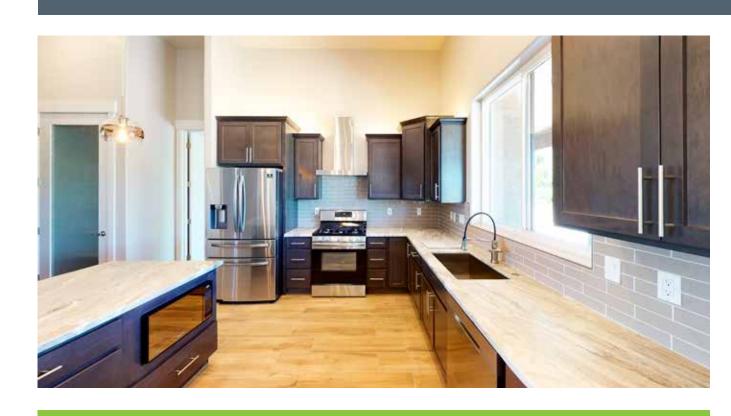


C & B Custom Homes

Cabernet Model 2021 | Clarkdale, AZ | CandBHomes.com













PROJECT DATA

• **Layout:** 3 bdrm, 2 bath, 1 fl, 2,099 ft²

• Climate: IECC 4B, mixed-dry

Completed: April 2020

Category: Custom Spec

MODELED PERFORMANCE DATA

- **HERS Index:** without PV 43; with PV 15
- Annual Energy Costs: without PV \$1,200; with PV \$450
- Annual Energy Cost Savings: (vs typical new homes) without PV \$750; with PV \$1,500
- Annual Energy Savings: without PV 5,100 kWh, 350 Therms; with PV 11,100 kWh, 350 Therms
- Savings in the First 30 Years: without PV \$36,800; with PV \$72,100

CONTACT

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KEY FEATURES

- Walls: 2x6 studs @ 16" o.c., R-25 total: R-23 spray foam in cavity, house wrap, 1" R-5 foam sheathing, acrylic stucco, sill seal and caulk at plates.
- Roof: Truss gabled roof: trusses, $\frac{1}{2}$ " deck sheathing, self-adhering underlayment, cement tile roofing is ENERGY STAR cool roof-certified.
- Attic: Conditioned attic with 7" R-28 open-cell spray foam on underside of roof deck.
- Foundation: Slab on grade: CMU stem walls. Rigid foam is 2" thick (R-10) and 48" wide under slab perimeter and 1" R-5 on slab edge.
- Windows: Double-pane, argon-filled, low-e, vinyl frame, U=0.29, SHGC=0.23.
- Air Sealing: 3.98 ACH50, spray foamed attic, sill seal, foam seal all exterior penetrations.
- Ventilation: ERV, MERV 9 filter.
- HVAC: Gas furnace, 96 AFUE, 16 SEER AC unit, flex duct system, ducts in conditioned attic.
- Hot Water: Gas tankless, 0.96 EF, integrated recirculation pump.
- Lighting: 100% LED.
- Appliances: All appliances are certified by ENERGY STAR.
- Solar: 3.55 kW, 10 355-W rooftop panels with integrated micro-inverters.
- Water Conservation: EPA WaterSense bathroom faucets, showerheads, central manifold with PEX piping, button-activated recirculation pump, drip irrigation.
- Energy Management System: Wi-Fi and Bluetooth compatible thermostat.
- Other: Low/no-VOC finishes, paints, adhesives; GreenGuard Gold flooring.





