C & B Custom Homes
Cabernet Model 2021 | Clarkdale, AZ | CandBHomes.com

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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, ½” 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.
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.

CONTACT

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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

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For more information on the DOE Zero Energy Ready Home program, go to http://energy.gov/eere/buildings/zero-energy-ready-home or scan the QR code.