



Capstone Homes

Presidio in the Pines | Flagstaff, AZ | NewHomeFlagstaff.com



Photos courtesy of Capstone Homes

“DOE ZERH...gives people the ability to actively reduce their environmental footprint, while giving them a home that is guaranteed to withstand the test of time.” *Clint Whiting, Capstone Homes*



PROJECT DATA

- **Layout:** 4 bdrm, 3 bath, 2 fl, 2,196 ft²
- **Climate:** IECC 5B, cold
- **Completed:** June 2017
- **Category:** affordable

MODELED PERFORMANCE DATA

- **HERS Index:** without PV 56, with PV NA
- **Projected Annual Energy Costs:** without PV \$1,350, with PV \$NA
- **Projected Annual Energy Cost Savings:** (vs typical new homes) without PV \$500, with PV \$NA
- **Annual Energy Savings:** without PV 2,600 kWh, 450 therms; with PV NA

KEY FEATURES

- **Walls:** 2x6 16" o.c. exterior walls, 24" o.c. interior walls, 7/16" sheathing, Tyvek house wrap, composite wood siding.
- **Roof:** 30-yr asphalt shingles, ice-and-water shield at all ridges, valleys, and 2 ft from all eaves.
- **Attic:** Sealed, unvented, insulated along roof line with 8" R-27 open-cell spray foam.
- **Foundation:** Post-tension slab with 2" (R-10) perimeter rigid foam.
- **Windows:** Dual-pane, low-E, vinyl-framed, argon-filled, high-altitude windows; U=0.340, SHGC=0.350.
- **Air Sealing:** 2.08 ACH 50.
- **Ventilation:** ERV with MERV 7 filter.
- **HVAC:** 95% AFUE gas furnace, 14 SEER AC. Flex ducts in sealed attic.
- **Hot Water:** Tankless gas, 0.94 EF.
- **Lighting:** 100% LED; two interior motion sensors and two interactive light switches.
- **Appliances:** ENERGY STAR dishwasher, refrigerator.
- **Solar:** Solar-ready.
- **Water Conservation:** Low-flow toilets.
- **Energy Management System:** Internet-controllable security system and "smart" thermostat. Daylight sensors for lighting. Water leak sensors in kitchen and bathrooms.
- **Other:** No-/low-VOC primer and adhesives; Flagstaff Dark Sky compatible exterior lighting.

CONTACT

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