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

“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, ⅛” 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.
- Water Conservation: Low-flow toilets.
- Other: No-/low-VOC primer and adhesives; Flagstaff Dark Sky compatible exterior lighting.

CONTACT

Clint Whiting
928-774-3826
cwoodward@capstonecos.com

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.