



Leading Force Contracting Services/Selah Vista Homes

Selah Vista | Selah, WA | SelahVistaHomes.com



Photos courtesy of Leading Force Contracting Services/Selah Vista Homes

“Everyone deserves to live in a healthy home.” Steve Weise, Leading Force Contracting Services



PROJECT DATA

- **Layout:** 2 bdrm, 1.75 bath, 1 fl, 1,701 ft²
- **Climate:** IECC 5B, cold
- **Completed:** April 2018
- **Category:** custom spec

MODELED PERFORMANCE DATA

- **HERS Index:** without PV 36; with PV -12
- **Annual Energy Costs:** without PV \$500; with PV \$-150
- **Annual Energy Cost Savings:** (vs typical new homes) without PV \$450; with PV \$1,100
- **Annual Energy Savings:** without PV 6,500 kWh; with PV 16,300 kWh
- **Savings in the First 30 Years:** \$49,000

KEY FEATURES

- **Walls:** Double walls, 2x4 24" o.c. 11" cavity; taped ½" CDX sheathing air sealed with tape; EPS foam. Siding is reclaimed metal, wood, and natural hydraulic lime. Total = R-47.
- **Roof:** Snap-lock metal and 40-year composition under solar panels.
- **Attic:** Unvented, conditioned attic, 2" R-14 spray foam + R-38 fiberglass batt. Total = R-52.
- **Foundation:** ICF foundation walls, 5" reclaimed foil-faced EPS under slab that is taped to ICFs.
- **Windows:** Triple-pane, low-e, argon-filled, vinyl frames; U=0.17.
- **Air Sealing:** 0.3 ACH 50.
- **Ventilation:** ERV, MERV 13 filters.
- **HVAC:** 3 ductless mini-split heat pumps.
- **Hot Water:** Heat pump water heater.
- **Lighting:** 50% LED on low-voltage 24-Volt DC circuits.
- **Appliances:** ENERGY STAR refrigerator, clothes washer, range, and condensing clothes dryer.
- **Solar:** 7.08-kW PV.
- **Water Conservation:** Compact plumbing design.
- **Energy Management System:** Whole house automation.
- **Other:** Wi-Fi-enabled electric car charging station. Passive solar design, daylighting.

CONTACT

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