



# TC Legend Homes, LLC

19th Ave. | Bellingham, WA | TCLegendHomes.com



Photos courtesy of TC Legend Homes, LLC

“When a net-zero-energy home can be built at a cost on par with traditional construction, everyone wins.” Ted Clifton, builder, TC Legend Homes



## PROJECT DATA

- **Layout:** 4 bdrm, 2.5 bath, 2 fl, 2,463 ft<sup>2</sup>
- **Climate:** IECC 4C, marine
- **Completed:** May 2016
- **Category:** custom for buyer

### MODELED PERFORMANCE DATA

- **HERS Index:** without PV 44, with PV -2
- **Projected Annual Energy Costs:** without PV \$1,053, with PV \$25
- **Projected Annual Energy Cost Savings:** (vs home built to 2012 IECC) without PV \$811, with PV \$1,889
- **Annual Energy Savings:** without PV 9,453 kWh, with PV 20,993 kWh

## CONTACT

Ted Clifton  
tclegendhomes@gmail.com  
360-220-2119

## KEY FEATURES

- **Walls:** R-29, 6" SIP taped at all interior and exterior joints, fiber cement siding.
- **Roof:** R-42, 10" SIP taped at all interior and exterior joints. Ice-and-water shield, asphalt shingles.
- **Attic:** None.
- **Foundation:** R-23 ICF stem walls, R-20 rigid foam under slab.
- **Windows:** Triple-pane, vinyl-framed, low-e windows, U=0.21.
- **Air Sealing:** 0.60 ACH 50
- **Ventilation:** Timered exhaust fans.
- **HVAC:** Evacuated tube solar hot water and 4.5 COP air-to-water heat pump for in-floor radiant hydronic heat.
- **Hot Water:** Air-to-water heat pump, 4.5 COP.
- **Lighting:** 100% LED
- **Appliances:** ENERGY STAR refrigerator, clothes washer, range hood; induction cooktop.
- **Solar:** 9.5-kW PV, evacuated tube solar hot water.
- **Water Conservation:** Low-flow fixtures; centrally located water heater.
- **Other:** Low-VOC paints and finishes. Electric car charging station.

