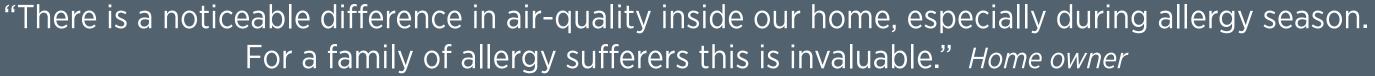


Greenhill Contracting

Jewels Court | New Paltz, NY | ZeroNetNow.com















PROJECT DATA

• **Layout:** 3 bdrm, 3.5 bath, 3 fl + bsmt, 3,912 ft²

Climate: IECC 6A, coldCompleted: May 2016

Category: custom for buyer

MODELED PERFORMANCE DATA

- **HERS Index:** without PV 29, with PV -11
- Projected Annual Energy Costs: without PV \$1,875, with PV -\$322
- Projected Annual Energy Cost Savings:
 (vs home built to 2009 IECC) without
 PV \$3,200, with PV \$5,397
- **Annual Energy Savings:** without PV 24,615 kWh, with PV 41,518 kWh

CONTACT

Anthony Aebi greenhillcontracting@yahoo.com 845-594-5076

KEY FEATURES

- Walls: R-22 ICF, vinyl siding, liquid-applied door and window flashing.
- Roof: Asphalt shingles, peel and stick at edges and valleys.
- Attic: R-64 vaulted ceilings, insulated, unvented roof with 11" open-cell + 2" closed-cell spray foam.
- **Foundation:** ICF below-grade foundation walls for R-22 at slab edge, R-27 closed-cell spray foam under slab.
- Windows: Triple-pane, U=0.17, SHGC=0.23, argon-fill, vinyl-framed.
- Air Sealing: 0.16 ACH 50.
- **Ventilation:** ERV, MERV 7 and 11 filters, returns from bathrooms, kitchen, and laundry.
- HVAC: Ground-source heat pump, 5.7 COP, 19.5 EER, all ducts inside.
- **Hot Water:** Ground-source heat pump desuperheater and 50-gal. air-source heat pump tank water heater 3.1 EF.
- Lighting: 100% LED.
- **ENERGY STAR Appliances:** Refrigerator, clothes washer, dishwasher; heat pump clothes dryer.
- Solar: 13.440-kW PV.
- Water Conservation: Low-flow fixtures, drought-tolerant plants.
- Energy Management System: None.
- Other: NO-VOC paint, 75% construction debris recycled, disaster-resistant ICF construction with spray foam and hurricane clips.





