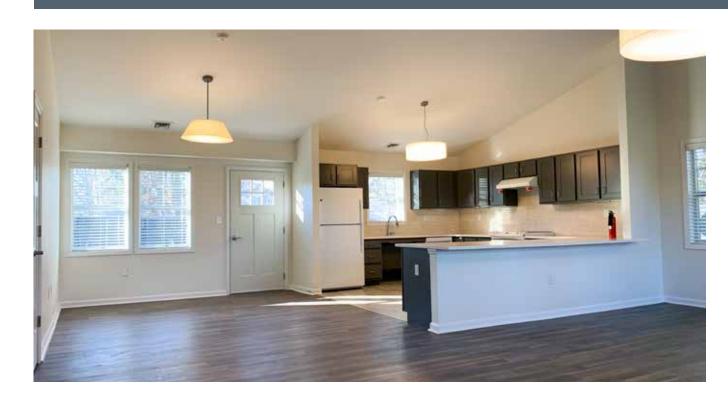


# United Way of Long Island

Housing for Heroes | Medford, NY | UnitedWayLl.org













### PROJECT DATA

• **Layout:** 4 bdrm, 2 bath, 1 fl, 1,936 ft<sup>2</sup>

Climate: IECC 4A, cold
Completed: March 2021
Category: Affordable

#### MODELED PERFORMANCE DATA

• **HERS Index:** without PV 33

- Annual Energy Costs: without PV \$1,800
- Annual Energy Cost Savings: (vs typical new homes) without PV \$2,900
- Annual Energy Savings: without PV 13,400 kWh
- Savings in the First 30 Years: without PV \$119,300

## CONTACT

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# KEY FEATURES

- Walls: R-28 total:  $2x6\ 24''$  o.c. advanced framed, 3.5 blown fiberglass + 2'' closed-cell spray foam in cavity, 1'' R-5 graphite EPS sheathing,  $\frac{7}{16}''$  OSB, drain wrap, PVC siding.
- Roof: Truss gable roof: 5/8" plywood, synthetic underlayment, asphalt shingles.
- Attic: Vented attic: 14" R-49 cellulose, 14" raised heel trusses, ridge and soffit venting.
- Foundation: Insulated basement: 10" poured concrete foundation wall, exterior elastomeric waterproofing and 2" graphite EPS foam. Capillary break under footings.
- Windows: Triple-pane (thin film), argon filled, low-e2, vinyl frame, U=0.17, SHGC=0.20.
- Air Sealing: 1.44 ACH 50. 2" closed-cell foam at rim joist, top plates, and attic knee walls; drywall gasket at top and bottom plates.
- Ventilation: ERV, MERV 13 filters, 71 ATRE, 58 CFM, 20 Watts.
- HVAC: Ground-source heat pump 2.1-ton, central air handler, 5.47 COP, 26. EER, 22 SEER.
- Hot Water: Heat pump water heater, 50-gal, 3.75 UEF.
- Lighting: 100% LED, motion sensors, daylight sensors.
- Appliances: ENERGY STAR dishwasher, clothes washer, refrigerator.
- Solar: Solar ready: conduit in place, space in electric panel.
- Water Conservation: EPA WaterSense shower heads, toilets, central manifold with PEX piping, smart or predictive irrigation, stormwater management.
- Energy Management System: Smart internet connected thermostat for HVAC.
- Other: Accessible thresholds, thermostats, outlets, doors, showers, lever handles. Low-emission paints, cabinetry, countertops, millwork, and flooring.





