United Way of Long Island
United Veterans Beacon House | Deer Park, NY | UnitedWayLI.org

“The DOE ZERH program is the best solution for the type of housing we produce.”
Rick Wertheim Senior Vice President Housing & Green Initiatives, United Way of Long Island

Key Features

- Walls: Double 2x4 24” o.c. stud wall for 8” cavity filled with dense-packed cellulose, advanced framing, ½” coated OSB sheathing, two layers of ½” rigid insulation, furring strips, vinyl siding.
- Roof: Ice-and-water shield at valleys, drip line, roof edges, 30# felt, architectural fiberglass shingles.
- Attic: Vented attic, raised-heal trusses, R-60 blown cellulose.
- Foundation: Basement, poured concrete with 2.5” R-12.5 polyiso on interior. Exterior covered with elastomeric waterproofing membrane plus fiber protection board to footing.
- Windows: Vinyl-framed, double-pane, low-e, argon-filled windows, U=0.2, SHGC=0.24.
- Air Sealing: 3.25 ACH 50.
- Ventilation: ERV, MERV 13 filter.
- HVAC: Hydrocoil split air system attached to 95 AFUE wall-hung gas-fired boiler, 16 SEER AC.
- Hot Water: Wall-hung boiler.
- Lighting: 85% LED, 15% fluorescent, motion controlled exterior lighting.
- Appliances: ENERGY STAR refrigerator, dishwasher, and clothes washer.
- Solar: 6.9-kW PV.
- Water Conservation: WaterSense fixtures and irrigation.
- Other: Low-VOC paint and finishes, formaldehyde-free furnishings.