



Promethean Homes, LLC

Charlottesville Infill | Charlottesville, VA



PROJECT DATA

- **Layout:** 3 bed, 2.5 bath, 2 fl, 2572 ft²
- **Climate:** 2021 IECC Mixed Humid
- **Category:** Custom

Modeled Performance Data

- **ERI:** with PV 33

KEY FEATURES

- All-electric home
- Energy / Heat recovery ventilator
- Heat pump water heater
- High-efficiency variable-speed heat pump
- High-performance wall with continuous insulation
- Triple-pane windows
- ACH 50 < 2.5 or CFM50/SF of enclosure ? 0.25
- Central Manifold Plumbing Design

TESTIMONIAL

We're appreciating the comfortable, steady temperatures in the house, day and night. No drafts, no sudden changes. The prompt hot water delivery is quite a treat. We rarely hear outside noises. Our air exchanger appears to trap any fine dust and we don't have to breathe it – so we've been quite healthy since we moved in at the beginning of last July. Our electric bills have been remarkably low – and that's been a welcome change.

- Homeowners Bob and Jean

CONTACT

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of **ENERGY**

Office of Critical Minerals
and Energy Innovation

For more information on the DOE Efficient New Homes program:
<https://www.energy.gov/eere/buildings/doe-efficient-new-homes-program>