Charis Homes LLC

ICF Home | North Canton, OH





PROJECT DATA

- Layout: 4 bed, 4.0 bath, 2 fl, 5505 ft²
- Climate: 2021 IECC Cold Humid
- Category: Custom

Modeled Performance Data

• ERI: with PV 31

TESTIMONIAL

While our prior home was entirely remodeled and rebuilt as energy efficiently as possible, the increased comfort level and more even indoor temperatures are noticeably better in the Zero Energy Home. While the ICF construction greatly reduced the temperature swings, it also significantly reduced the noise level inside the home.

- Homeowners

KEY FEATURES

- Cold-climate heat pump
- Energy / Heat recovery ventilator
- Ground source heat pump
- Heat pump water heater
- Insulated concrete form (ICF) walls and/or foundation
- ACH 50 < 2.5 or CFM50/SF of enclosure ? 0.25

CONTACT

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U.S. DEPARTMENT of **ENERGY** Office of Energy Efficiency and Renewable Energy