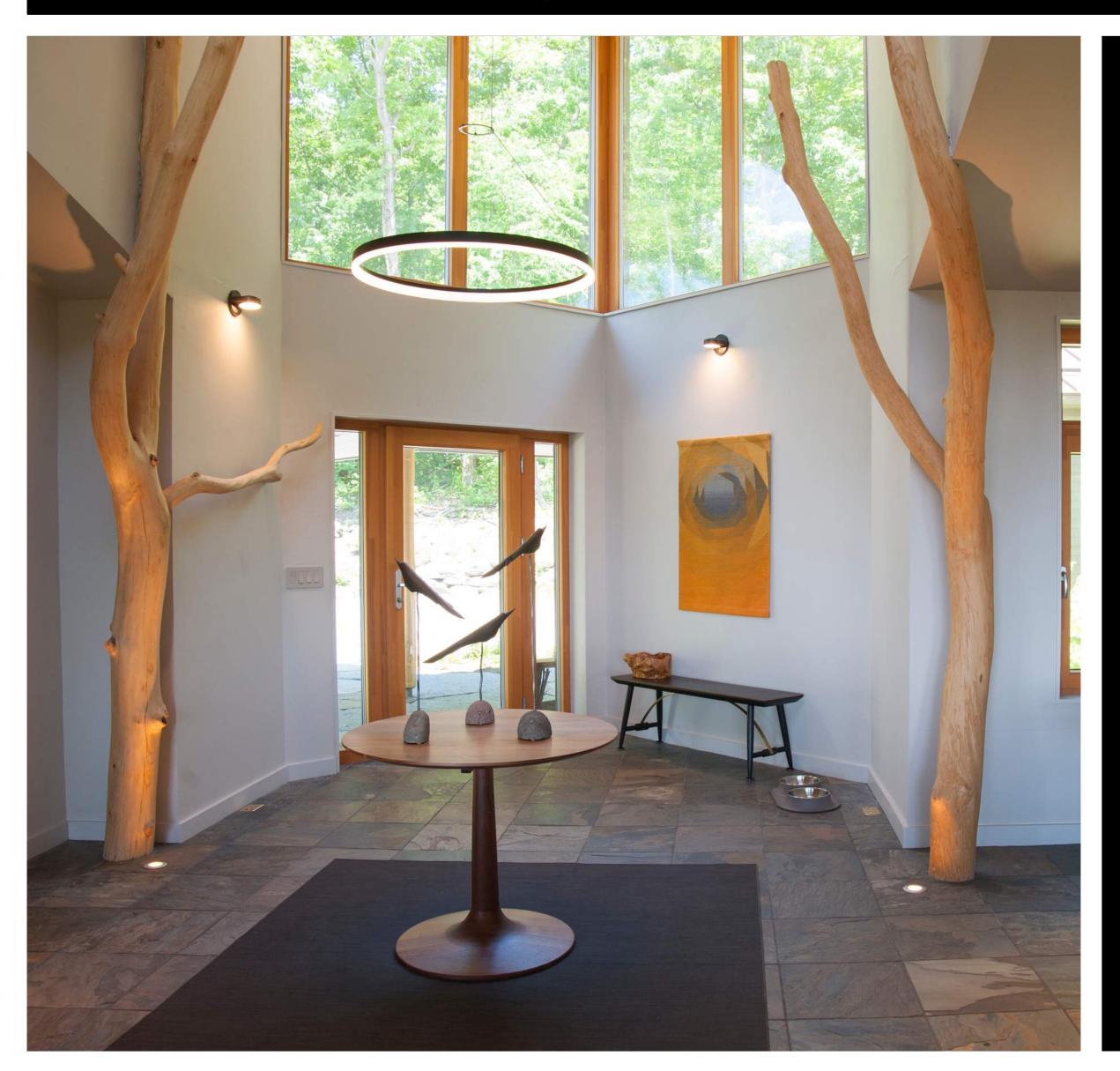


Two story contemporary net zero home in the hills of upstate New York.



Buillder-Owner: Steve Bluestone
passivedwellings.com
Architect: Bruce Coldham, FAIA
candharchitects.com
Passive House Consultant: Jordan Dentz

Passive House Consultant: Jordan Dentz LevyPartnership.com

Walls: AAC Block + 3" Polyiso

Certification: PHIUS #1358

Windows: Zola Triples, Casement and Fixed

Ceiling: 12" SIP with 9" FG Batts

Basement Floor: 3" of EPS below a 5" Slab Heating/Cooling: 5-ton Mitsubishi ASHP Domestic Hot Water: Stiebel Eltron Accelera Ventilation: Zehnder Comfo Air 350

Ventilation: Zehnder ComfoAir350

Photovoltaics: 9.6kW Pole Mounted Battery Backup: 8kW Sonnen Cooktop: Thermador Induction

Dryer: Whirlpool Unvented Heat Pump Dryer Drainwater Heat Recovery:PowerPipe

Source energy: 5,957kWh/Person-yr Heating Demand: 7.16kBtu/ft²/yr* Cooling Demand: 0.11kBtu/ft²/yr Infiltration: 0.05 cfm/ft²

*PHIUS certified under previous standard

First Passive Building to employ AAC block as primary structure in the Americas. Fire-proof, pest-proof, air-tight, and rot-resistant. Passive Dwellings built to last.

