



## Modern Lakefront

### Passive Design Solutions



2,150 sqft



south back  
yard



4+1



3



heat pump

From our extensive research, one name dominated our search for a Passive House builder, “Natalie Leonard.” Once we met with Natalie, we realized that we had a unique team of people to work with that had a focus on building sustainable, energy efficient, and impressively affordable passive houses. We are thrilled with the result!”

~ Lisa and Marcus

Lisa and Marcus had a concept of a vacation home combined with a home for their parents in their late retirement.

- They wanted the building to achieve high efficiency due to extended periods of vacancy and have the potential to move to net zero at a later stage.
- 18 panel PV array supplies over 1/2 the energy required.
- Built sustainably with locally sourced materials where possible and follow the highest building standards.
- The coincidence of having the view to the south is fully exploited in this house, with beautiful, long-range views over the lake also creating warm, bright spaces in all the commonly used rooms.
- This project is in the process of certification for Passive House and LEED for Homes Platinum.

### Project Information:

SIZE: 2150sq. ft.

#BEDROOMS: 4 + den

ESTIMATED HEATING: \$175

DESIGN: Passive Design Solutions

ENERGY CONSULTING: Passive Design Solutions

BUILDER: Passive Design Solutions

LANDSCAPING: Outside!