

Turner Lakefront

LOCATION	Hubley, NS
SIZE	2150 sqft.
# BEDROOMS	4 +den
ESTIMATED HEATING	\$175
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FOUNDATION	R-39 frost wall with polished concrete slab
WALLS	R-56 2x8 with polyiso sheathing and service wall
ROOF	R-96 wood parallel chord truss
HEATING	Ductless Mini-Split with Electric Baseboard with programmed thermostats
VENTILATION	Zehnder Novus 300 HRV – 92% efficiency
COOLING	Passive nighttime cooling
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DESIGN	Passive House E-Design
ENERGY CONSULTING	Passive House E-Design
BUILDER	Passive House E-Design
LANDSCAPING	Outside!

- 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 in the process of certification for Passive House and LEED for Homes Platinum.

“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



Crafting the most energy efficient homes.