

Forest Glenn House

LOCATION	Hammonds Plains, NS
SIZE	2521 sqft.
# BEDROOMS	4
ESTIMATED HEATING	\$474
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FOUNDATION	R-42 Slab-on-grade
WALLS	R-53 TJI double wall
ROOF	R-109 Wood truss
HEATING	Ductless Mini-Split with Electric Baseboard with programmed thermostats
VENTILATION	Vanee 2000 HRV - 75% efficiency
COOLING	Passive nighttime cooling
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DESIGN	Home owner & Passive House E-Design
ENERGY CONSULTING	Passive House E-Design
BUILDER	Owner

Designed and built by Passive House E-Design based on schematic plans provided by the owner. A full time residence for a family of four, the house proves that good design can vastly reduce energy consumption without costing more; this custom home was built to the Passive House standard, but achieved a per-square-foot price that rivals code-built production homes.

- Fully contained living area on first floor with a future aging in place bedroom.
- Hot water provided by air-to-water heat pump.
- Designed around specific pieces of furniture to create the exact right fit for these clients, keeping wasted space to a minimum.
- The site was perfect for Passive House, and allowed us to take full advantage of great forest views and ample solar access.

We decided the Passive House Standard was for us. We knew after our first meeting with Natalie she was the one. She have the extensive knowledge in Passive Design AND is very approachable with her perfect mixture of professionalism, integrity, honesty and humour, and tremendous patience. She and her team had a lot of great ideas.

We are very happy we chose Natalie; she made our dream home a reality.” ~ Home Owner

