

Olive Urban Retreat

LOCATION	West Bedford, NS
SIZE	2340 sqft.
# BEDROOMS	3 +office
ESTIMATED HEATING	\$265/yr
<hr/>	
FOUNDATION	R-32 frost wall
WALLS	R-53 TJI double wall
ROOF	R109 Wood truss
HEATING	Ductless Mini-Split backup Electric Baseboard with programmed thermostats
VENTILATION	Zehnder Novus 300 HRV - 92% efficiency
COOLING	Passive nighttime cooling
<hr/>	
DESIGN	Passive House E-Design
ENERGY CONSULTING	Passive House E-Design
BUILDER	Passive House E-Design

- Our first project on a serviced suburban lot, with the street frontage to the North and the backyard facing South. The front façade is a balance between reducing North-facing windows while providing eyes-on-the-street.
- A storage space above the garage exists in-between layers of the thermal boundary, and had insulation levels carefully tuned to maintain temperatures above freezing without any dedicated heating.
- The organization of the plan responded to the clients need for a house that would feel as large as their previous, a much larger home in the country, while maintaining a scale appropriate to the neighbourhood and construction budget.

Having known Natalie for years, we realized we had the perfect opportunity to construct a well-built house that was the highest standard of energy-efficiency. Through the process we always felt safe and well taken care of... and Natalie's expertise and integrity are second to none.

We love our house. We love the brightness, we love the layout & functionality, and we love the efficiency. And, we get to have all this on a lot in the city...right where we want to be."

~ Cindy Brown

