



Haliburton, ON

OWNER | Jim & Joan Joseph

ARCHITECT | Local Impact Design

CONTRACTOR | Above Board Carpentry

CPHC | Local Impact Design

BUILDING ENVELOPE | Build SMART

A Net Zero Energy Passive Home Built for Two

Canada's first Passive House home to utilize the Build SMART Modular Passive Wall System. The first floor panels were installed in 8 hours by a builder unfamiliar with the BuildSMART system. 2nd floor was erected in 6 hours.....quite literally all in a day's work.

"You've turned Passive House Construction into Ikea® Legos®!"

-Above Board Carpentry, Contractor

BUILD BETTER. BUILD FASTER. BUILD SMART.

PERFORMANCE TARGET | None

SIZE | 2,600 sqft

COMPLETION DATE | 2018

CERTIFICATIONS | Net Zero

AIR TIGHTNESS | 0.4ACH₅₀

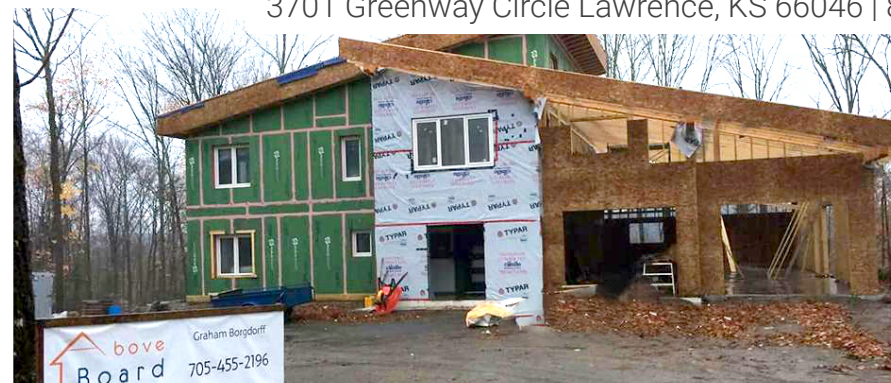
EXTERIOR WALLS | E-Wall: R60, 2x4 @ 24" o.c. w/ 7.5" EPS

WINDOWS AND DOORS | Klearwall Passive House certified triple-glazed windows

HEATING AND COOLING | ERV, Downstream two-kilowatt coil

PHOTOVOLTAICS | GSE Integration Building Integrated Solar Panels (BIPV)

3701 Greenway Circle Lawrence, KS 66046 | 888-376-3424 | buildsmartna.com



JOSEPH RESIDENCE