



Canmore East

Passive Design Solutions



2,250 sqft



south side
yard



3



2



heat pump
+ fireplace

This modernist retreat marries minimal operating costs with luxurious living. The bold overhangs of the shed roofs and massing of the house, screen porch, and garage create a striking visage of tasteful modern style that fully takes advantage of the deep window sills, south-facing windows, exposed thermal mass, and many other energy efficiency solutions that have serious architectural potential.

The feature balcony creates a private nest for the master suite to look out towards the lake beyond. Beyond the surface aesthetics, the cantilevered balcony is a completely thermally broken assembly custom detail meaning that the aesthetics need not come at a cost to your energy efficiency!

- Strong massing and shed roofs to suite clients' modern tastes.
- Fully thermally broken cantilevered feature balcony with steel railing acting as structural support floats along the second storey master suite while shading the large south-facing ground-level windows.
- Steel staircase feature staircase with glass railing
- Structural post and beam framing.
- High-tech EPDM roofing for low-slope applications.
- Lakefront home that can be maintained during trips with minimal cost and effort.
- Huge huge south windows take in the lake view and the sun showing the size of windows possible with fibreglass frames.

Project Information:

SIZE: 2,250sq. ft.

#BEDROOMS: 3

ESTIMATED HEATING: \$390

DESIGN: Passive Design Solutions

ENERGY CONSULTING: Passive Design Solutions

BUILDER: S Larade Custom Homes

LANDSCAPING: Owner