

# HEALTH & HAPPINESS

Human health, comfort and happiness are deeply affected by many aspects of our environment, including the air we breathe, the surfaces we touch, the noises we hear, and the views we see.

At Camp Glenorchy we believe these factors are key to creating a place where all visitors feel comfortable, healthy and inspired. Our guests will enjoy:

- > Buildings that are warm in winter and cool in summer
- > Rooms that capture natural light and circulate fresh air
- > Surface finishes that use natural oils, water-based paints, or natural resin-based paints



## 1 TEST LAB

A team is testing systems at the existing staff house.

They are testing heating and hot water systems that will be used in our bunk cabins to understand **how people interact with the things that affect energy use**. The test team has endured cold showers during their testing so that our guests never will!

## 2 PASSIVE DESIGN

Our buildings are kept comfortable and efficient with the help of the sun and wind.

Buildings are **oriented towards the sun** to capture heat and light, and **solar hot water panels** on each roof use the sun's energy to produce hot water for bathrooms and underfloor heating. Doors and windows can be opened to allow **cool, fresh air to circulate on hot days**.

This will provide healthy, comfortable spaces for those working or staying with us, while using as little energy as possible.

## 3 BUILDING ENVELOPE

The outer shells of our buildings are designed to provide a comfortable indoor climate for guests, whether it's sunny and warm or snowing outside.

Walls, floors and roofs will use up to **60% more insulation** than is required by the Building Code.

## 4 INTEGRATED DESIGN

Designing buildings that exist in harmony with the environment has brought together a talented team of people working together to create a warm welcoming place that lives lightly on the land.

This has sparked **creativity**, resulting in the designs and approaches that are now coming to life at Camp Glenorchy.

