



## sustainable solutions

Natural light delivered through large south-facing windows reflects off an interior shelf illuminating the ceiling. Supplemental lighting is powered by solar panels, which also serve high efficiency electric heaters placed near floor level. Water, collected in the Longhouse cistern, is carried in jugs to each guest house and stored above the shower. A small pump carries the water through a series of solar tubes located on the south-side of each structure, providing heated water for guests to shower, and wash dishes.

Structural insulated panels sandwich locally harvested rock fiber insulation to protect travelers from the cold winter winds. Cooling and heating loads are dramatically reduced with the high insulated walls.

