



GREEN GABLES VISITOR CENTRE

The LEED Gold certified Visitor Centre situated on 16 acres of rural land in Cavendish, PEI, is the setting for Lucy Maud Montgomery's novel 'Anne of Green Gables'. Parks Canada wanted to improve the tourist experience with a structure that would be respectful of the historic house and would reinterpret the wood building tradition of PEI through the use of exposed engineered mass timber, a more sustainable choice than traditional post and beam.



Large doors in the lobby can be opened to allow cooling breezes in summer. De-stratification fans used to control temperatures within the high-volume spaces are powered by the PV panels. The building averages 1 air change per hour. Recovery ventilation units are designed at 30% more than required by ASHRAE 62.1. Energy intensity reduction is about 23%.

A narrow plan and large windows on the east side provides ample daylight and enables south-facing glazing to be shaded. Artificial lighting, although rarely needed, is controlled by daylight sensors.