



FOGO ISLAND INN: FOGO ISLAND, NEWFOUNDLAND



Firm's Role

Sustainable Design Consultants

Description

The Fogo Island Inn is a new community development by the social entrepreneurship, Shorefast Foundation, in the outpost setting of Fogo Island, located off the north shore of Newfoundland. The 29-room 750 m² (7,800 ft²) will house off-shore and international tourists as well as making accessible a restaurant, community centre, library and art gallery to local inhabitants.

The following sustainability issues are being addressed in the project.

Features

- Reduced energy consumption and associated emissions through improved building envelope, passive design (summer cooling, daylighting), superior equipment and lighting energy efficiency
- Impacts of energy supply reduced by implementing renewable energy sources including wood heating and solar thermal water heating
- Occupant comfort improved through radiant floor heating, more effective ventilation and cooling with displacement ventilation, daylighting of spaces, increased insulation levels, better air sealing, and superior indoor air quality
- The inn will ensure occupant health by avoidance of condensation and mould, effective ventilation, and non-toxic finishing materials
- Stormwater runoff mitigated by cistern storage for reuse for dual-flush toilets and hotel laundry
- Water consumption and wastewater generation reduced using water efficient fixtures
- Waste treatment to be by way of a constructed wetland
- Sustainable theme of the Inn is supported by off-grid artist's studios with compost toilets and the development of a sustainable live cod fishery

Design Architect:	Todd Saunders
Prime Consultant:	Sheppard Case Architects
Owner:	Shorefast Foundation