



**Burrell Home**  
Waiheke Island

Oilskin

Ironsand

Quarter  
Truffle

Stonehenge

Wan White

This project presented design challenges common to projects on the steep Waiheke topography. With a need to capture the sea views on the western elevation while optimising the passive solar aspects, a gullwing roof design provided the most desirable solution. This four bedroom home features a spacious kitchen/dining/living area oriented towards the sea views but also a private patio area protected from the prevailing south-westerly winds, receiving the morning sun. Covered porches above the patio and the deck facing the views provide shelter for outdoor living year round.

A high roofed entry hall, separating the living area and the bedroom wing opens up to the view, as do all the bedrooms and the rumpus room.

Passive solar principles were incorporated into the design. All bedrooms and the rumpus room feature clerestory windows

with eaves over, to allow the morning and midday sun to enter as desired. The concrete slab and concrete block walls serve as a thermal heat store providing consistent ambient temperature. A gas fireplace features in the living room and can be used during the colder months. Together with the thermal insulation, which exceeds NZ Building Code requirements, and the use of low toxicity building materials, an even temperature and healthy living environment is achieved.

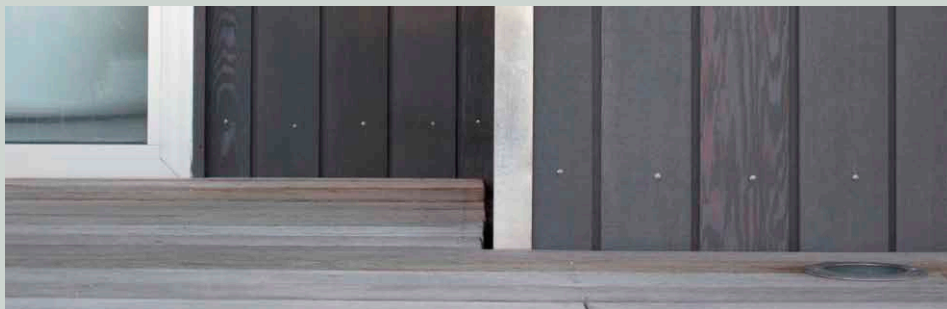
The clients wished the house to have a colour scheme sympathetic to those of the surrounding environment. The intention was to provide a strong connection to the ground, achieved by the use of concrete block foundations and low deck and courtyard elements. Natural (and sustainable) vertical timber weatherboards, treated in a

palette of earthen colours were selected to complement other aspects of the building. Future landscaping will include the planting of different varieties and species serving to contrast with the earth colours of the house.

Exterior titan board is painted in Resene Lumbersider CoolColour tinted to Resene Oilskin, complemented by Resene Lumbersider CoolColour tinted to Resene Ironsand on fascia boards and Resene Lumbersider tinted to Resene Quarter Truffle on the fascia lining. The exterior palette is finished with Resene Stonehenge on the pergola.

Inside the palette turns lighter with Resene Zylone Sheen waterborne low sheen tinted to Resene Wan White on the walls and ceilings and doors in Resene Lustacryl semi-gloss waterborne enamel tinted to Resene Triple Sea Fog.





**Architectural Specifier:** Lapp & Toft  
Architecture Ltd [www.lapptoft.co.nz](http://www.lapptoft.co.nz)  
**Building Contractor:** Brian G Brooke  
Construction Ltd  
**Painting Contractor:** Giverny Painters