

A cooling touch of Bali



Energy-saver; the award-winning Jansen Design house in Bayview and (right) its majestic porte cochere.

THE DESIGN OF THIS HOUSE WILL CUT ELECTRICITY BILLS IN THE LONG TERM

Prue Miller

A NORTHERN beaches architect has been instrumental in creating an award-winning home in Bayview.

Jansen Design and Architecture, renowned for its energy-efficient designs, was commissioned for an "alterations and additions" job that became a total transformation of the 1960's

home. And it resulted in a Master Builders' Award for Excellence in Housing.

The Bayview home features natural materials of cedar, coconut palm posts on granite piers and a slate tile roof accentuated with copper guttering.

The Lantara Rd property has a Balinese influence, with soaring timber ceilings and a majestic porte cochere, **all** of which creates

not only a strong architectural statement but energy efficiency. Emile Jansen, principal of Jansen Design and Architecture, said every JDA design is a "green home".

"Before we start any design we analyse the micro-climate of the site -where the sun travels, where the winds come from, and at what strength, and then mesh that with a study of the

site topography and vegetation to arrive at a set of guiding principles to inform our design decisions," Mr Jansen said.

"The additional cost to build green is about \$30,000. Considering household bills for power and water are predicted to be \$100 per week soon, that represents a pay-back period of only six years, after which the green

components provide home owners with a lifetime of almost bill-free living."

The award-winner has louvred windows that give cross-ventilation eliminating the need for air-conditioning.

A basement tank provides **all** water needs, including drinking water.