









MITH STYLE

Nelson home, designed by architect Helen Richards and Tom Evison, of Technical Press, reports on Susie Lees the increasing trend toward sustainable design.

Situated in Mapua, west of Nelson north which, she says, is very the new two-storey passive solar house sits well with its rural judicious use of windows and ventilation are also passive through glazing throughout. Cooling and north-facing and there is double concrete, extensive windows are best solar performance, floors are efficient. Following principles of home 30 degrees west of true Richards oriented this 3-bedroom and warmth - almost entirely from designed for year-round comfort performance, the building is occupants and environmental features to enhance the health of surroundings. Incorporating many architect Helen Richards. designed by acclaimed Nelson presented by the latest home mainstream in New Zealand is Further evidence that stylish residential housing has become sustainability in affordable

heating money on energy costs for performance and will save a lot of environmentally very smart this house. It also has level of comfort very seriously with major use of sustainably-sourced collection, solar hot water and The design incorporates rainwater Says Richards: "We've taken the materials including native timbers

statistics as evidence of high performance year-round. Richards'

company. Powered Living Ltd.

design concept of her sustainable actively promotes the architectural

and annual savings could amount to \$500. Provision is included for a solid fuel burner to be added if heating will seldom be necessary Despite frosts in winter, space noise, minimal use of materials design include management of Further features of sustainable desired.

ventilation bring convenience Passive light, heat and nome packed with sustainability andscaped two-storey Mapua

of natural lighting to give the home a powerful "feel-good" factor. continuous warmth and good cycled to feed trees in the the dry climate and grey water is reuse minimal water reducing waste in hard floor oil form BioPaints. Toilets surface is sealed with a low toxicity storage. The low maintenance insulated and provides passive heat Coloured concrete flooring is ventilation. Maximum use is made absence of mould due to containing chemical toxins, and andscaped area surrounding the

a single storey combined home and being contemporary, durable and a strong element of surprise while the new two-storey home both offer designed and built in New Zealand Data loggers are installed to provide minimizing greenhouse gas office in Nelson. That building and first sustainable house she attracted national attention for the British-qualified Helen Richards

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