

smart
shax

The Kitchen

The kitchen cycle – store, wash, prepare, cook, serve – has been catered for in this integrated stainless steel galley kitchen. Storage space is maximized by the use of 4 sets of draws and 2 double cupboards. The price includes a stainless steel oven, gas cook top and under - bench fridge.

The Bathroom

Vented skylights pour natural light in to both the bathroom and separate toilet. The walls are painted waterproof plasterboard. Behind the free fitting laboratory sink is a full height mirror. The enamelled, pressed metal bath/shower is waterproofed with translucent glass sheet, and a clear shower screen.

The Variation

As specific brands and types are subject to change and are nominated prior to construction, the kitchen and bathroom fit-out can be varied to a client's request but these must be finalized prior to building commencement.

The Prices

Prices are site dependent with no allowance for excavation or clearing. There are 2 basic options for the finished building:

1. Off the grid, self-contained, solar power, composting toilet and a water tank
2. On the grid, the site has power, water & sewerage

Prices may vary on difficult and isolated sites and in some council areas.

The Possibility

Smart shax can be set up for continuous remote surveillance. Allowing for monitoring of water, electricity, security and the view.



living off the grid



smart
shax

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The Concept

Lightweight, environmentally sustainable dwelling designed by award-winning architect Ken Latona with the Australian coastal climate in mind.

"Basic amenity plus maximum connection to the environment. It's camping with doors."

The Shacks

The timber design allows the building to rest lightly in its environment upon galvanized steel stirrups. This makes the building particularly suitable for remote, isolated or difficult blocks where traditional buildings would be uneconomic or an environmental insult. The materials selected have low embodied energy, are renewable and reusable.



Off The Grid

In its purest form the smart shax is ideal for that remote block that offers its own special sense of place. It doesn't seek to impose itself on the environment and has been designed to work within it – generating its own power, composting its own waste, collecting its own water removing the need for external connections to electricity, sewer and water. Smart shax enhance the sense of remoteness, and provide environmental self-sufficiency. You are no longer on the grid.

The Size

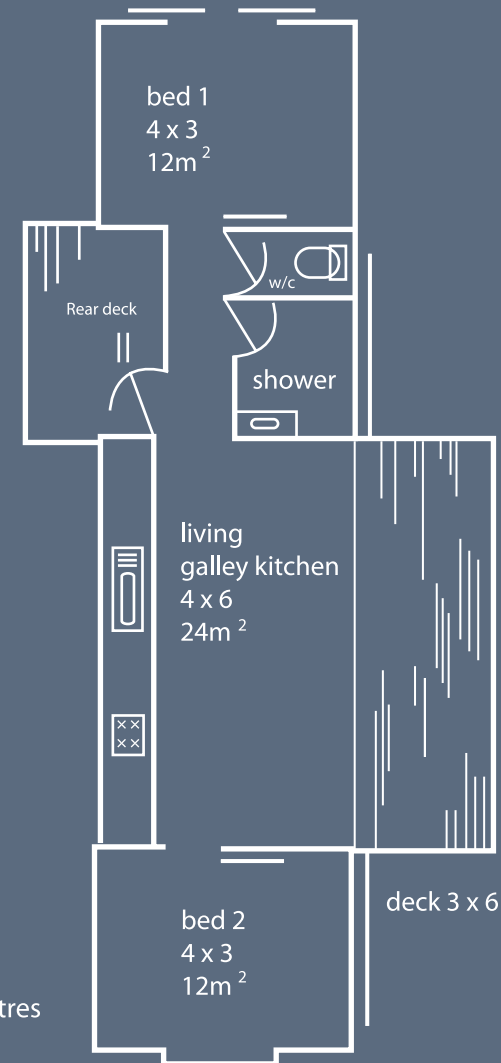
The (63m²) 15.0 x 4.2 meter wide structure is composed of two 3 x 4m bedrooms, one at either end, a bathroom with separate toilet, and a kitchen living area that opens on to a large 18m² deck. There is also a smaller rear deck and entrance area.

The External Finish

The exterior is finished in stained and oiled shadow clad and has a corrugated metal roof. The gable ends of the roof are glazed to allow constant light, while the bedroom windows are unglazed but shuttered with sliding panels allowing for a complete sense of openness, or privacy. The doors opening to the large deck are glazed, aluminium framed, externally top hung sliders. The kitchen windows are frameless sliders in aluminium tracks. Light and ventilation to the toilet and bathroom are via vented skylights. Hardwood or treated pine decks sit upon treated joists and bearers suspended from the ground on double dipped galvanized piers.

The Fit Out

Basic amenity allows for high quality finishes that require low maintenance. All the floors are screen finished polished timber. The natural oil finish ply ceilings sit above the rafters giving an exposed oiled finished truss. The remaining walls are paint finish plasterboard. All internal doors are hollow core and can be either cavity sliders or hung. The front door is solid core and dead latched.



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15.0 x 4.2 metres
floor lay out