



Sunshine Coast
Council

Golden Glossy Award

Walker eco access HOUSE



The Walker Eco Access House is a residential construction conceived by Michelle and Lloyd Walker. Together with Phillip Daffara of PlaceSense (Preliminary Design Architect) and Coastland Builders Pty Ltd, they have created a house that is both environmentally sustainable and adaptable for people of all abilities.

The house incorporates key best practice principles for sustainable design for a zone 2 house. Careful placement on the land and roof and room layout and design allow the house to maximise sun (in winter) and shade (in summer) and create natural breezeways for living comfort and energy efficiency.

The home is constructed on an elevated timber floor, significantly reducing the embodied energy and enhancing airflow. Careful consideration has gone into sustainable materials usage, such as the deck and central verandah being made of Modwood (recycled and reclaimed plastics and wood products).

All major appliances are a minimum of 4 star and considerable thought has been given to the type and placement of lights. A 10,000 litre tank stores rainwater for the toilets, laundry and gardening. The outside includes native vegetation and a healthy edible landscape with a strong emphasis on reuse and recycling.

The house achieves 8 platinum and 8 gold levels under the Livable Housing Design guidelines making it ideal for people of all ages and physical abilities. Careful construction has eliminated steps, sills and ledges within the house and front entry making it easy for prams or wheelchairs to get from the street through to all major rooms – including a bathroom.

The block was selected as it is walking distance to school and public transport, reducing the family's need to have a second vehicle.

