

ECO HOME BUS TOUR 2022

CARING IN KENSINGTON



About the Caring in Kensington Home

Nathan and Joanne


The brief was to build a large intergenerational home (with Mother-in-law suite) on a 45 degrees to north block that would reduce energy and water bills whilst providing a comfortable home year round.

This home has been built to passive solar design principles. The position of the house on the block makes the most of the Northerly aspect. Multiple living rooms enjoy their Northerly position and views of the garden.

Our home is designed for universal access, with wide doorways and halls, large hobless showers, and minimal step downs at doorways for ease of entry. Flick mixer taps and lever door handles are also included.

The water tank provides water to the toilets and washing machine. Solar panels are included.



 5 x BED

 3.5 x BATHROOM

 2 x CAR GARAGE



SOLAR DWELLINGS
SMARTER SUSTAINABLE HOMES

renew.
Leading in sustainability

SUSTAINABILITY FEATURES



5 kW Grid connected



LANDSCAPING

- Composting
- Edible plants and trees
- Water wise garden
- Frog friendly
- Local indigenous plants

WASTE REDUCTION

- Composting of food scraps
- Reuse and recycle where possible
- Swap with friends and neighbors to reduce waste
- Waste recycled and reduced during construction



PASSIVE HEATING/COOLING

Passive solar designed home including

- Cross flow ventilation
- Thermal mass
- External shading
- Pelmet with curtains
- Blinds
- Deciduous planting

Heating & Cooling

Mechanical heating and cooling systems

- Ceiling fans



WATER EFFICIENCY

- Rainwater tank
- Greywater reuse to garden
- Water efficient appliances
- Bore water
- Low flow shower heads and tapware



ENERGY EFFICIENCY

- Heat pump hot water system
- Energy efficient lighting
- Energy efficient appliances
- Draught proofing
- LED Lights throughout
- Natural daylight





AGING IN PLACE/LIVABLE HOME

- 870 Wide doors throughout
- Hobless shower recess
- Lever handles to doors
- Semi recessed vanities
- Showerhead on rail
- Space around toilets for mobility aids
- Tapware accessible outside shower recess
- Wide hallways
- Flush threshold to external areas

HEALTHY HOME

- Overhead cupboards to ceiling to reduce dust
- Chemical free cleaning products used
- Cross flow ventilation
- Indoor plants for air filtration
- Low VOC paints and sealers used
- Natural light and ventilation

