

BUS TOUR 2023 - 8TH

SCARBOROUGH

SUSTAINABLE HOME



### About Scarborough Sustainable Home

Vic

This two story sustainable home takes advantage of the ocean views and cooling breeze. Designed with the main living area and main bedroom upstairs, allowing for night time purging of hot air in summer.

Windows locations and size in the bedroom promote night time cooling breezes across the bed.

The location of the balcony takes in the views without compromising the passive solar heat gain required in winter to keep my home warm in winter.

The ground floor is designed to be multi-functional and can easily be converted into a ground floor apartment for someone with limited mobility.



3 x BED



2 x BATHROOM



2 x CAR GARAGE & WORKSHOP



SOLAR DWELLINGS  
SMARTER SUSTAINABLE HOMES

renew.



# SUSTAINABILITY FEATURES



Grid connected



## ENERGY EFFICIENCY

- SHWU - Flat panel
- Energy efficient lighting
- Energy efficient appliances
- Draught proofing
- Natural daylight

## HEALTHY HOME

- Overhead cupboards to ceiling to reduce dust
- Cross flow ventilation
- Natural light and ventilation



## PASSIVE HEATING/COOLING

Passive solar designed home including

- Cross flow ventilation
- Thermal mass
- Pelmet with curtains



## INSULATION

- Anticon under roof
- R4.0 Ceiling batts
- Air-Cell wall insulation
- Insulated garage door



## WATER EFFICIENCY

- Rainwater tank
- Low flow shower heads and tapware



## LANDSCAPING

- Bee friendly
- Composting
- Edible plants and trees
- Water wise garden



## AGEING IN PLACE/LIVABLE HOME

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



# SUSTAINABILITY FEATURES



Visit the virtual house tour

Griff interviewed Vic for SHD 2020, use your mobile phone camera to see the YouTube video.



SOLAR DWELLINGS  
SMARTER SUSTAINABLE HOMES

renew.