

ECO HOME BUS TOUR 2022

URBAN RENOVATIONS + EXTENSIONS



About the Urban Renovations + Extensions home

Hamish & Kathleen

The brief was to create an addition to the existing building. Now a 4-bedroom, 2-bathroom home on a long narrow block, with north to the rear, this universal access design is adaptive and features passive solar design to keep it warm in winter and cool in summer.

With a colorbond roof, insulated double brick, adjustable shading, heavy pelmeted drapes and cross flow ventilation, this home has been designed to maintain comfort year-round.

Universal design features throughout with 870mm door openings, flush thresholds to all external doors, hobless shower and slip resistant flooring to ensure the home is adaptable and allows for wheelchair access.

Water efficiency is ensured, low flow shower heads and low flow taps.



4 x BED



2 x BATHROOM



SOLAR DWELLINGS
SMARTER SUSTAINABLE HOMES

renew.
Leading in sustainability

SUSTAINABILITY FEATURES



ENERGY EFFICIENCY

- Energy efficient lighting
- Energy efficient appliances
- Draught proofing
- LED Lights throughout
- Natural daylight
- Zoning



INSULATION

- Anticon under roof
- R4.1 Ceiling batts
- AirCell Permicanv to double brick walls
- Comfort Wall R1.35 to existing walls



LANDSCAPING

- Edible plants and trees
- Native water wise garden



PASSIVE HEATING/COOLING

Passive solar designed home including

- Cross flow ventilation
- Thermal mass
- External shading
- Pelmetts with curtains

ACTIVE HEATING/COOLING

Mechanical heating and cooling systems

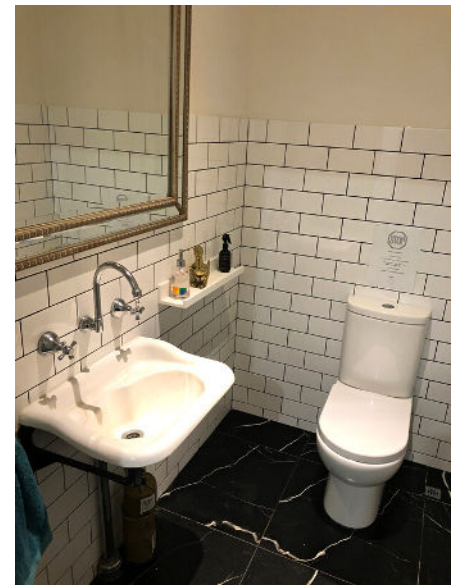
- Ceiling fans



AGEING IN PLACE/LIVABLE HOME

- 870 Wide doors throughout
- Hobless shower recess
- Lever taps
- Semi recessed vanities to ensuite
- Tapware accessible outside shower recess
- Wide hallways
- Flush threshold to external areas
- No steps inside home
- Window openings easily accessible





RECYCLED MATERIALS

- Timber floor boards
- Timber screens
- Cast iron bath
- Cast iron basin

WASTE REDUCTION

- Book exchange library
- Composting of food scraps
- Make jam, pickles etc
- Reuse and recycle where possible
- Tool exchange library
- Toy exchange library
- Swap with friends and neighbours to reduce waste
- Waste recycled and reduced during construction

HEALTHY HOME

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

WATER EFFICIENCY

- Water efficient appliances
- Low flow shower heads and tapware

