



**RECYCLE HOUSE**

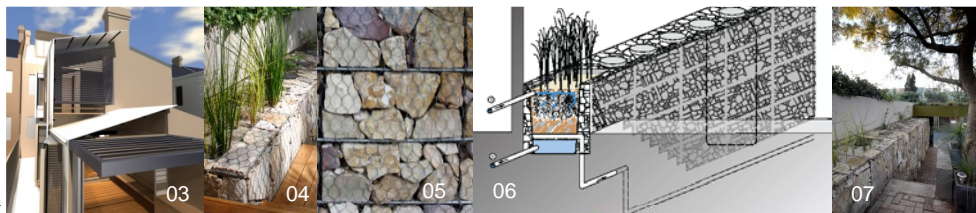
The medium sized terrace proposes a best practice sustainable measures to achieve a high level of sustainability.

The design has an emphasis on reducing water. As there is limited space and only 6,000 litres of rainwater can be stored, grey-water from the bath & showers is cleaned by a reed-bed and used for washing clothes, flushing toilets and watering the garden.

Power consumption is reduced by the use of efficient fixtures and extensive LED light fittings, the provision of solar power generation and solar-hydrionic floor heating.

The well insulated concrete floor provides high levels of thermal mass to stabilise indoor temperatures throughout the year.

Zero VOC plant based paints were used on the walls and ceiling . E0 (very low formaldehyde) kitchen joinery and veneer coatings along with 'Eco top' recycled bamboo and card board bench tops are features of the kitchen.



**01** Family room **02** Water-tanks inside stone wall **03** Rear view image **04-05-06-07** Reed-bed system  
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