



fact sheet: Bimberi

SUSTAINABILITY A KEY ELEMENT OF DESIGN AND OPERATION OF BIMBERI YOUTH CENTRE

The design, construction and future operation of ACT's new youth justice centre Bimberi reflects a strong commitment to sustainability. Environmental initiatives include:

- Use of recycled brick mulch as the landscaping finish for garden beds and throughout the sterile zone surrounding the centre. This area is 11,993 m².
- All toilets throughout the residential buildings use grey water rather than drinking water. Potential storage of grey water is 30,000 L
- Installation of solar hot water systems in all residential buildings.
- Polyethylene pipework where appropriate has been used in the hydraulic and drainage services allowing minimal use of PVC and copper pipework.
- Construction of a 27,000 L rain water catchment system on the education building. This will be for general irrigation around the site and for the vegetable and herb gardens. There is a retention pond within the block boundaries. The pond acts as a water quality pond prior to overflow into dams on adjacent properties.
- Laying of synthetic grass (using recycled rubber) on the main sports field to reduce ongoing water usage for the centre. The sports field serves a dual purpose: less water usage and state of the art recycling techniques. As well, the sports field will be used as a catchment area for the local dam.
- Sufficient rainfall during the construction period allowed the retention pond to be used for the irrigation of landscaping during planting. This has meant that no water had to be imported on site for landscaping purposes.

For more information on Bimberi Youth Justice Centre visit www.bimberi.act.gov.au

