



PORTFOLIO



PF2019-1A

ACO StormBrixx®



StormBrixx® SD

Marymead Retirement Village and Hub, Canberra, ACT

The Aerie is a retirement village positioned on a tree-lined street in Narrabundah, one of Canberra's most picturesque suburbs. It houses a boutique community for over 55s in new purpose designed spacious homes, resort facilities and a vibrant and supportive village atmosphere.

Project Design Brief

Designers had to incorporate an underground detention tank to capture and detain surface water runoff from pavements and various roof systems from a nearby area with steep topography. The system needed to be strong, maintainable and adequately sized to meet the hydraulic requirements of the catchment.

ACO Solution

- **StormBrixx® SD** geocellular stormwater management system
- ACO's Technical Services provided the designer with structural calculations, installation drawings and a bill of materials

Benefits

- The unique pillar configuration provides a high void ratio of 95% to maximise storage
- The brick bonding and cross bonding feature provides unparalleled stability in the construction of the tank
- An access chamber provides access for cleaning large diameter pipe inlets as well as to facilitate silt management

Specifier:

- D Group



For more product information visit: www.acoaus.com.au | www.acostormbrixx.com.au