



**BLIGH TANNER**  
CONSULTING ENGINEERS

## KEY PROJECTS

**Winner – Environmental Excellence, Urban Development Institute of Australia National Awards for Excellence 2008**

**Winner – Central Queensland Building of the Year (Sea Breeze), Royal Australian Institute of Architects Qld Regional Awards 2007**

### SUNRISE@1770



The view to the unspoiled beach front



Road layout, parking and walking tracks



Horizon pool and changing pavilions



Pool facilities showing low visible impact and retained vegetation (Photo: Vivo Design)

Located on Queensland's Central Coast, Sunrise@1770 is a residential eco-development that stands out from the crowd. Sustainable development has also ensured Sunrise@1770's low impact on the environment.

The unspoiled location called for minimal clearing and minimal disturbance to flora so the road layout reduces impacts on local vegetation as do the building methods (for example, piers were used in all construction, not slabs).

Other aspects of sustainable development in the project include reuse of greywater (each dwelling has a 38KL water storage) and efficient design and materials selection. For example, awnings, breezeways, glass roofs and innovative water features combine to cool the community areas without artificial means.

Strict covenants ensure low visible impact and erosion and maintain water flows that will minimise future impact.

Bligh Tanner is the structural and civil engineer for Sunrise@1770 and was responsible for the Springs Club and Beach Club facilities and amenity buildings.

<b>CLIENT</b>	MiDell Developments Pty Ltd
<b>PROJECT ARCHITECT</b>	Gabriel and Elizabeth Poole Design Co.
<b>PROJECT PARTNERS</b>	Vivo Design, Halliburton KBR, PLANPAC