



BLIGH TANNER
CONSULTING ENGINEERS

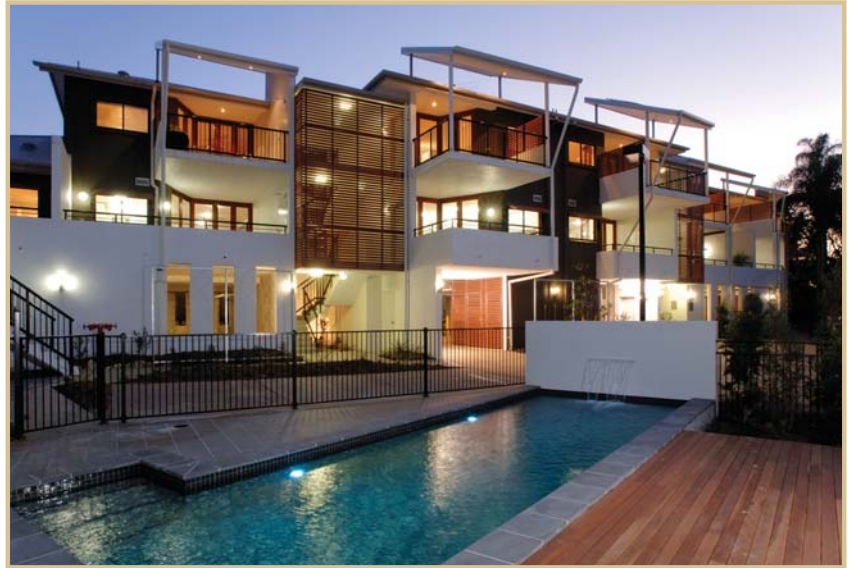
KEY PROJECTS

The 14 dwellings in the first 5-star energy-efficient eco-apartment block in Brisbane benefit from natural light and ventilation, and efficient water and energy use, ensuring a high quality of life for residents who want to combine apartment living with low environmental impact.

VIRET ECO-APARTMENTS



Processed sawdust and recycled plastic battens



Viret: A new standard in apartment living



Driveway entry

Viret is the first apartment complex to meet the standards of Brisbane City Council's Sustainable Design Unit.

Bligh Tanner rose to the challenge of matching environmentally sustainable principles into the constraints of a unit block. Rainwater harvesting supplies more than half of the complex's water. Two 30kL underground tanks store rainwater for toilet flushing, outside taps, irrigation, car washing and topping up the swimming pool. Materials and finishes with low environmental impact include bamboo floors; low toxicity paint; external shade structures made from reprocessed sawdust and recycled plastic; and low emission particle board.

Low energy use directed much of the structural design. Natural climate control and natural light is created through breezeways and spaces that use pressure differences to create air flow.



Natural light and ventilation combine with sustainable materials and finishes that include low-toxicity paint.

CLIENT	QM Properties
PROJECT ARCHITECT	TVS Partnership
BT'S ROLE	Civil, structural and water engineering