

SUSTAINABILITY AT RMIT

Bundoora West Campus Sustainable Design Features

RMIT is dedicated to ensuring the built infrastructure of the University has sustainability as a core principal, both in the construction and management of buildings. RMIT aims to achieve a 4-star Green Star* rating for all building refurbishments and a 5-star Green Star* rating for all new construction projects.

RMIT Bundoora West Campus buildings have a range of sustainable design features. This map has been designed to highlight a number of key projects.



CONSERVATION AND BIODIVERSITY

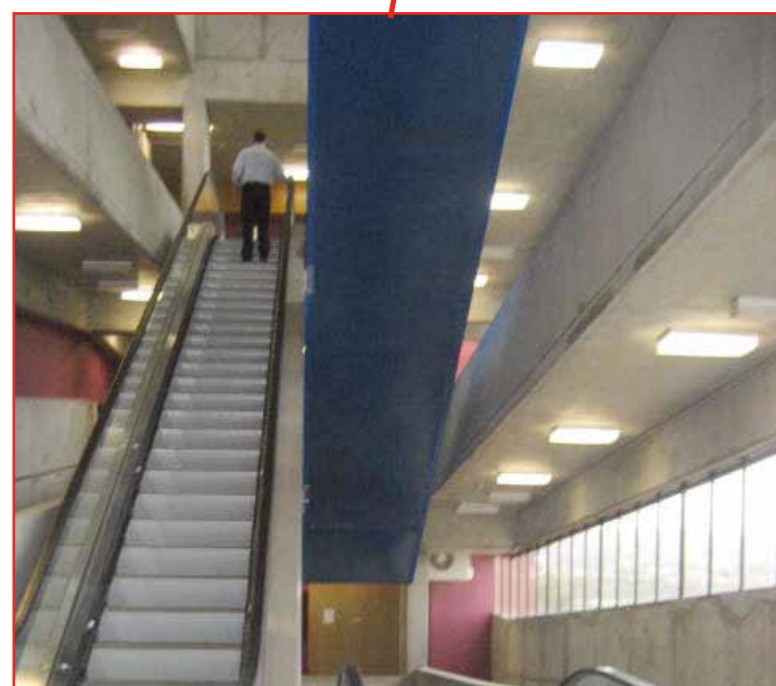
A Wetland Management Plan has been developed for the Bundoora West campus, which is designed to protect and enhance wetland values over a five-year period.

Designs have been mindful of Biodiversity heritage Scar Trees and mature red gum trees. The primary objectives of the Wetland Management Plan are to protect and conserve the 47 indigenous and exotic plant species and the 23 fauna species that have been identified within and adjacent to the wetland.



LECTURE THEATRE

Designed to have low impact construction and operation, the building has high indoor environmental quality with 100% outside air in the lecture theatre and low VOC finishes. Rain water is collected for irrigation and flushing with low water use fixtures. Eighty per cent of construction waste is re-used or recycled. The building has an innovative structure designed for adaptability.



BUILDING 201 UPGRADE

A building infrastructure review outlined energy savings to the mechanical, electrical, fire suppression and air conditioning systems in the building. The review resulted in nine 30-year-old escalators being replaced with energy-efficient, intelligently controlled escalators which generate power in the down mode.



BUILDING 204

Sustainable design features include; direct evaporative cooling; use of insulation boards to improve thermal efficiency of existing roof; permeable paving to allow water to reach existing tree roots; OSB board for internal wall finishes that is made from recycled timber; and sustainable and biodegradable floor finishes.



ATHLETICS TRACK AND SPORTS PITCHES

The playing fields and athletics track all have an environmentally sustainable, synthetic grass surface. Water will also be captured from the surface of the playing fields and diverted to the lake on campus.



BUNDOORA PEDESTRIAN SPINE

The pedestrian spine will be expanded and enhanced on the Bundoora West campus.

The pedestrian spine will provide seating and lighting and will improve the ease of navigating the campus. The spine will connect into public transport nodes and the University Hill local amenities. Sustainable features include energy-efficient lighting, water capture and low-maintenance, drought-resistant planting.

*Green Star Rating based on GBCA Education Rating Tool V1.