Building and Campuses

New Energy efficient Buildings

Building EA on the Parramatta Campus has been specifically designed by Hassell as a long-life and low-maintenance facility for teaching and learning activities. The four-level building provides almost 9000 sqm of modern, well-equipped floor area designed to provide thermally and acoustically controlled internal environments including:

- lecture theatres;
- flat-floor flexible teaching spaces;
- computer laboratories and
- other supporting amenities.

These facilities are organised along a central circulation spine, forming an active, internal street populated by UWS students.

Key sustainability initiatives include:

- external solar screening;
- a ventilated fly roof and deep overhanging roof eaves;
- skylights;
- roof mounted towers that support natural ventilation;
- on-site rainwater collection and reticulated re-use;
- solar generated hot water and
- deep cavity masonry walls forming a massive solar shield to the long western elevation.

Photographs courtesy of Hassell
Building EB at Parramatta also designed by Hassell provides state of the art undergraduate and post-graduate teaching and learning facilities, post-graduate lounges and support and meeting spaces. Approximately 2,100 students and 200 staff utilise the 12,000 square metres facility.

The building contributes towards consolidating teaching and office accommodation facilities on the Parramatta Campus for the near future, but in a manner that will afford the maximum potential for flexibility given that the building may have to support alternate uses in the longer term.

Passive design initiatives have been incorporated throughout the design to promote environmentally sustainable operation. These include:
- external solar screening;
- solar hot water generation and
- on-site rainwater storage and reticulated re-use.