



COURTYARD



LIVING ROOM

The building locations have been determined with careful consideration given to the adjacent surroundings as well as access for both disabled and able bodied students.

The new buildings are part single storey and part double storey. This has enabled the building mass appear less visually obtrusive, maintains a minimal footprint and takes advantage of views through the site with the houses appearing to nestle into the gently sloping site.

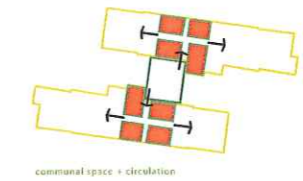
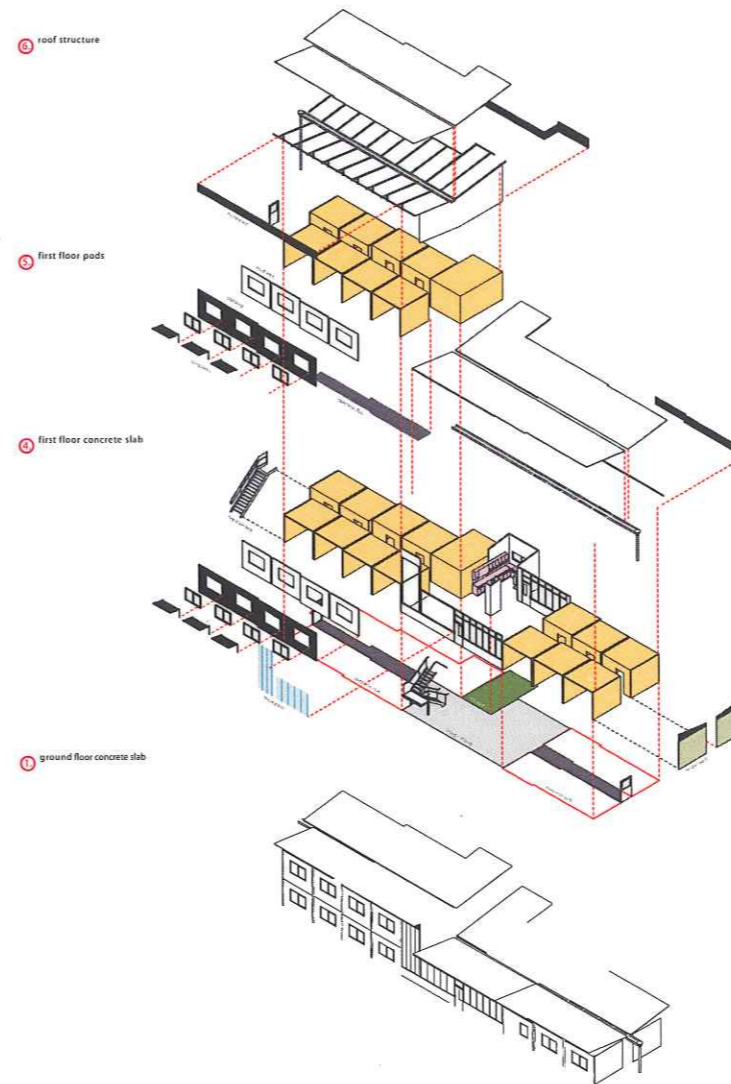
The buildings are linked with private pathways which also connect to the internal pedestrian and bike paths of the greater campus.

The proposed houses have low roof lines to allow further assimilation into the landscape. Eaves have been combined with window shading and steps in the building line to improve thermal performance and to add character to the building form.

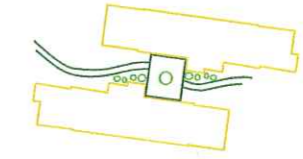
Subtle contrasting with the facade will be achieved through the use of zinc horizontal sunshade slats, roof ventilation slats and the exposed ends of structural framing under the eaves.

It is proposed that the development will add to the character of the university continuing the rural feel of the campus and its environmental philosophy.

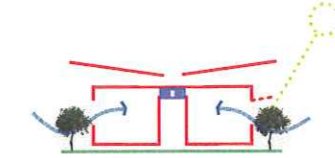
exploded axonometric showing bedroom pods and components



communal space + circulation

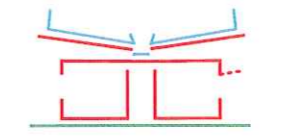


landscaping
Buildings linked by a series of footpaths together with planted areas and micro climate adjacent to the communal spaces.

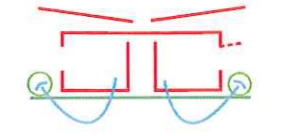


microclimate
rainwater collection allows for the maintenance of landscaping to the perimeter this provides additional shade whilst also trapping cooler air at night, helping in moderating internal temperatures via natural ventilation.

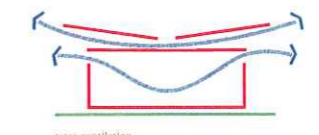
1 roof structure



2 ground floor pods



rainwater collection
water management strategy includes rainwater catchment for toilet flushing and grey water recycling for controlled landscape irrigation.



cross ventilation
natural ventilation between the roof structures and within the communal areas maintains a moderate temperature and help minimise solar gain.

CHARLES STURT UNIVERSITY STUDENT ACCOMMODATION

1:1 Architects
Regency House
3135-33 Guilford Lane
Waltham 3108
www.1n1architects.com.au