



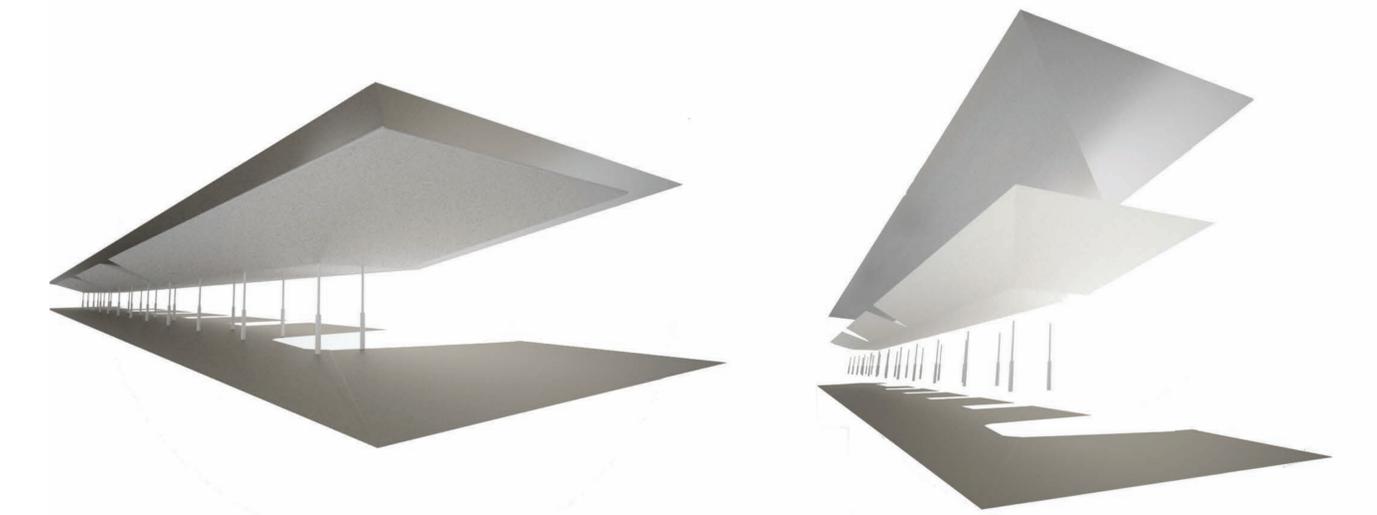
Physical and Computer element model studies

After a major event such as the Olympics, the buildings left behind, constructed for major spectacles seen by huge numbers of people, need to re adapt. As Sydney Olympic Park attempts to become a viable business and recreational precinct after the 6 week event it was constructed for, a series of shifts and interventions are necessary to ensure the infrastructure's viability over the longer term. Food @ the Overflow was a proposal to introduce a permanent facility to provide the precinct with a variety of food experiences: a market, restaurants, bars, cafes, shops and stalls. Of fundamental importance in providing an appropriate built solution to the brief was how to address the scale shift from the existing built environment- a series of massive buildings that house tens of thousands of people (Telstra Stadium, the Acer Arena, the Showground Buildings et al) set in a park planned to handle hundreds of thousands of people, down to the intimate act of enjoying food.

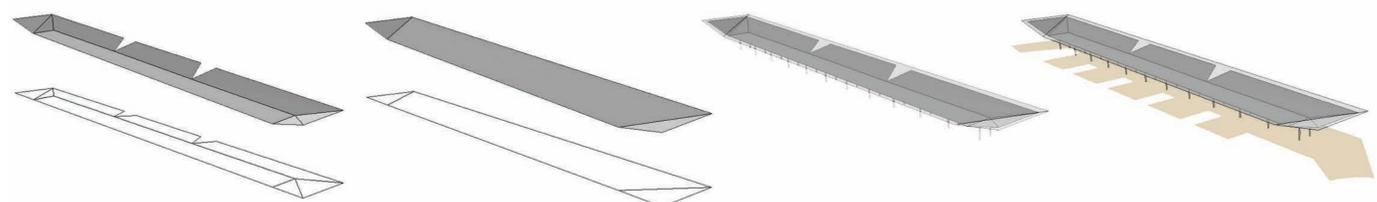
The solution was to provide a large canopy roof, a simple folded roof form approximately 150 metres long and 30 metres wide, which acts as intermediary between the big scale buildings of the Park, to protect a series of smaller, more intimate structures. The canopy consists of 2 folded surfaces- the upper surface providing shelter; the lower surface concealing structure and services, and encouraging natural air movement throughout the facility. Both surfaces come together to create a continuous fine edge to the structure, with the southern end lifting to address the street corner and a major approach path from Olympic Station and the northern end lifting to reveal views of the cauldron as visitors flow through from within the main market street and along the edge of the Boulevard.

The facility sought to provide the precinct with its primary, recognisable identity from various approach paths, providing a focus and structure to the corner of Olympic Boulevard and the Yulang, defining edges and strengthening pedestrian movement patterns. Organised in a linear arrangement, the proposal introduces a central hawker style street market comprising of small scale stalls, a series of speciality food outlets (pods) within lightweight structures providing a civic western edge along the Olympic Boulevard and a line of low slung restaurants with adjoining sheltered dining areas along the eastern edge, addressing both the market street and the Overflow. A wine room and fish tank provide identifiable focal points at either end of the proposal, assisting in wayfinding and funneling visitors into the internal market street.

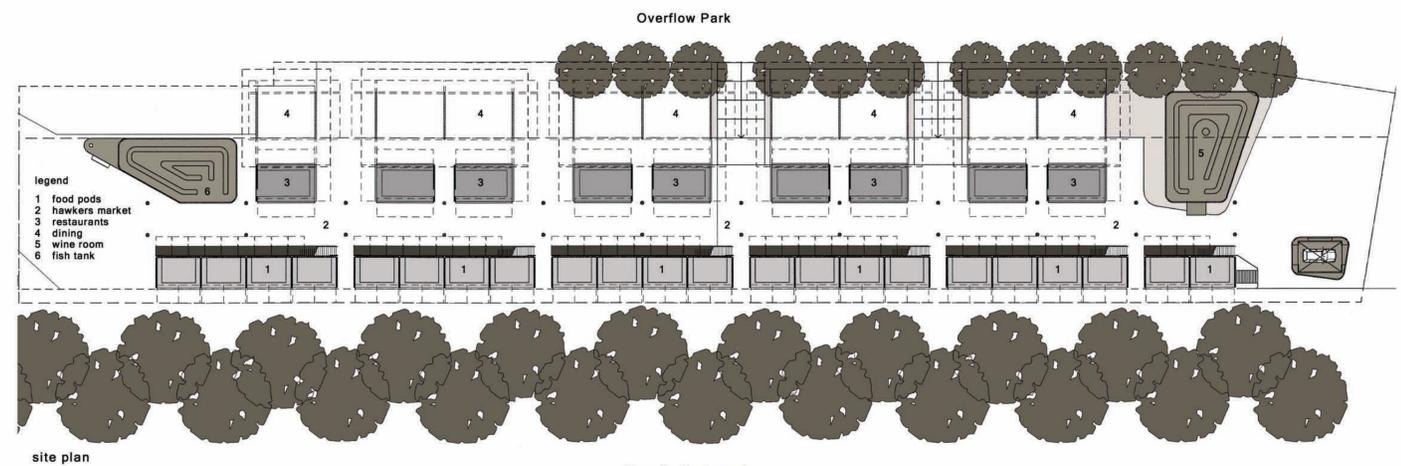
Existing lines of trees along the Boulevard provide shade to the pods from the western sun and the pods provide afternoon shade for the market street. The permeability of the proposal will promote natural cross ventilation at ground levels and above, allowing hot air to rise and be expelled by cross drafts captured by the roof.



Perspectives of Canopy

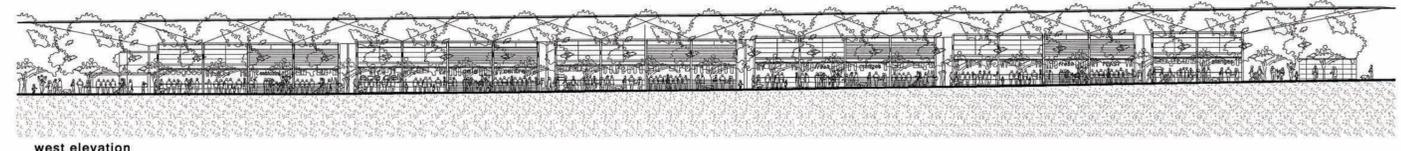


Folded surface assembly diagram



site plan

Olympic Boulevard



west elevation