

### Learning Environments Australasia **19th Annual Conference**

28-31 MAY 2019 Perth Convention & Exhibition Centre transformance.a4le.org.au



# **JOSEPH BANKS COLLEGE** – STAGES 1 & 2 40 Joseph Banks Boulevard, Banksia Grove

Architect: T & Z Architects

**Building Contractor:** PACT Construction (Stage 1) Firm Construction (Stage 2)

#### **Educational and architectural ideas:**

The goal for Joseph Banks Secondary College (JBSC) is to encourage and reinforce interactions and relationships between students, staff and the wider community. This ideal is at the core of the design framework and has been pursued through the following principle design drivers;

- A campus that is integrated and connected to its local community;
- A safe and inclusive environment for all school users and stakeholders;
- An environment that provides delight and encourages school users to fully utilise all the learning opportunities presented.

The planning strategy locates all facilities around a protected courtyard to simplify way-finding and maximise opportunities for interaction. The centralised cafeteria and library forms a social heart that is clearly identifiable from all vantages. The interstitial landscaped areas that are created by the central positioning of the social heart allows cohorts opportunity to colonise and create 'safe' social environments whilst maintaining contact with the wider school community.

Rectilinear in plan, buildings generally have an east-west axis to orient major spaces and openings to the north or south. Simple stepped single pitched roofs with pop ups provide protection from harsh weather and allow for clerestory lighting and the articulation of entry points to learning communities. The elevated windows along the building axis admit natural light to internal spaces and assist the night purge natural ventilation system, while also providing opportunity to hide roof mounted plant equipment.

Construction was completed within a framework of strict budgetary and time constraints. The materials, construction methodology and forms utilised have achieved an economical and robust building without compromising the quality of the environment.

#### **FACTS / FIGURES:**

**Gross Floor Area Final Contract Sum** Cost per m<sup>2</sup> Building Completion Stage 1 – May 2015,

20,000m<sup>2</sup> \$58m (ex GST) \$2,900/m<sup>2</sup> Stage 2 - Dec 2017

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## JOSEPH BANKS COLLEGE – STAGES 1 & 2

