

TRANS FORM ANCE

TRANSFORMING
THE LEARNING
LANDSCAPE

Learning Environments Australasia
19th Annual Conference

28-31 MAY 2019
Perth Convention
& Exhibition Centre
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CHURCHLANDS SENIOR HIGH SCHOOL – MAJOR ADDITIONS 20 Lucca Street, Churchlands

Architect: Bateman Architects

Building Contractor: PS Structures

Educational and architectural ideas:

The guiding principle for the project was to create a strong continuity across the school campus, a feeling that allows students and teachers to move naturally between and within buildings. The brief for flexible learning areas supported the inclusion of operable walls, extensive glazing and incidental learning spaces, promoting connectivity and engagement with the surroundings. These key elements cater for learning styles suitable for all levels of academic aptitude and spaces that are adaptable to the student's needs.

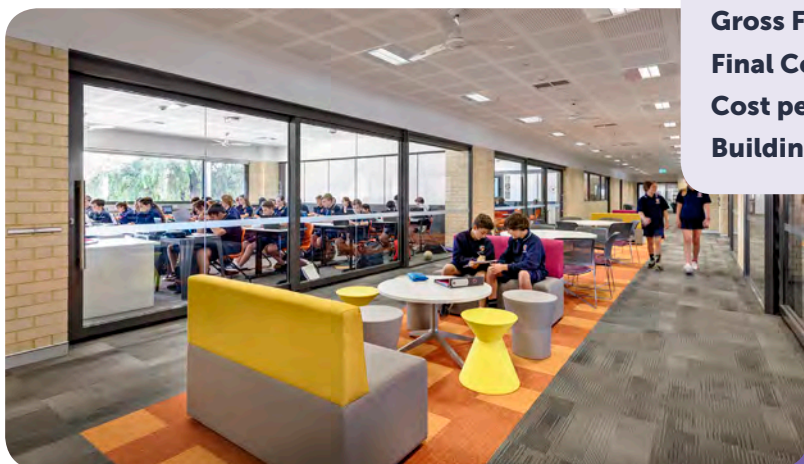
Visual and spatial cues have been taken from the existing buildings, in appreciation of the architectural evolution of the school. With a succinct design approach and the incorporation of familiar materials, colour palette and design detailing, the schools want for a strong and personalised identity has been fulfilled, engendering a sense of ownership, pride, familiarity and ease with the surroundings.

Full height glazing promotes a sense of connectivity within spaces, aiming to dissolve the 'chalk and talk' study environment. Vibrant internal finishes and furniture contribute to a holistic campus identity that in turn fosters a respect for the buildings and their surroundings for both students and teachers.

One of the major design principles for Churchlands SHS Major Additions was the creation of a 'campus' feel – similar to that of a university – whereby learning areas promote creativity and connectivity. This methodology also aims to break down the traditional hierarchy of the student-teacher relationship, encouraging communication, embracing more relaxed, adaptive learning styles and equality and mutual respect between students and teachers.

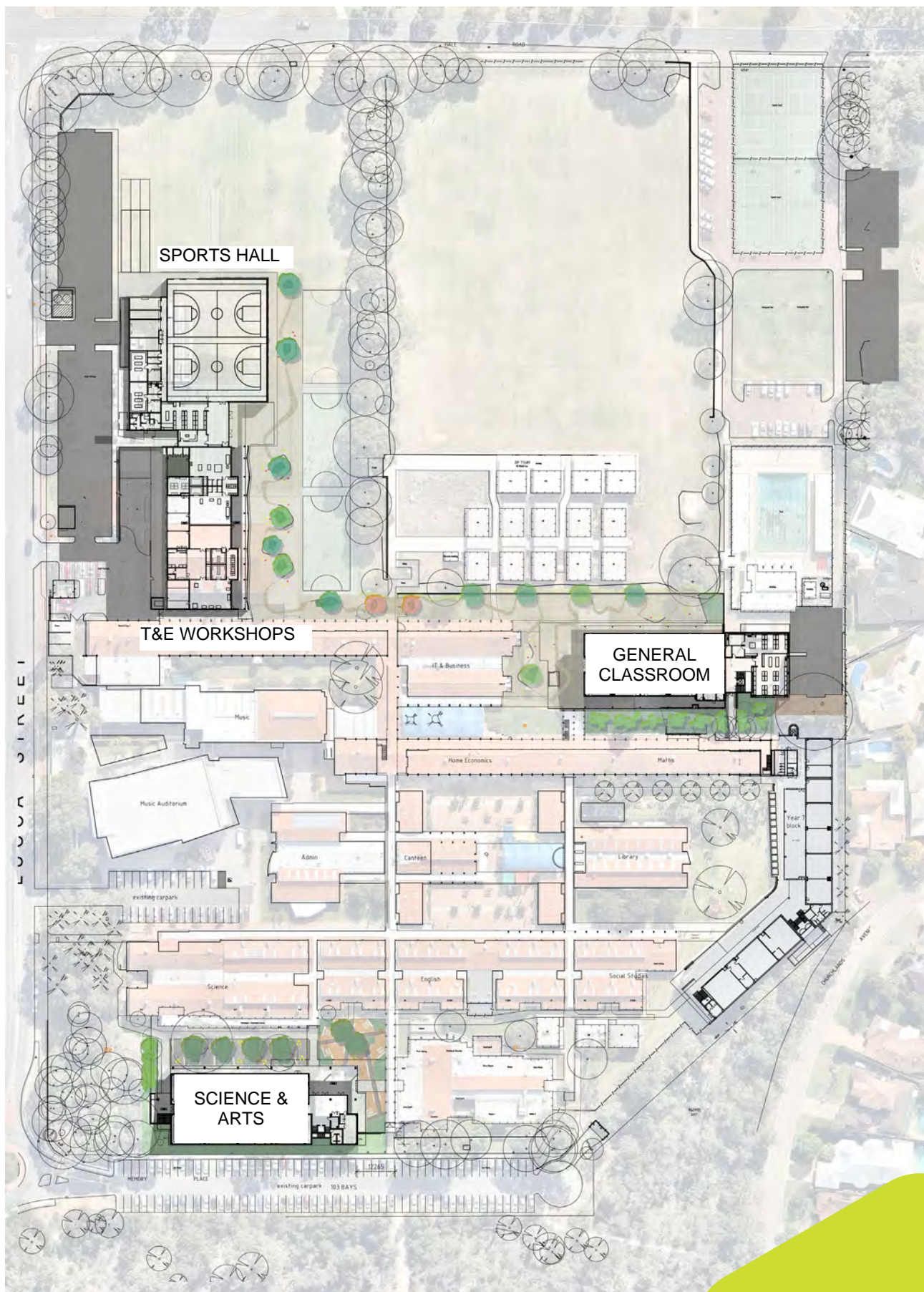
FACTS / FIGURES:

Gross Floor Area	10,044m ²
Final Contract Sum	\$28m (ex GST)
Cost per m²	\$2,207/m ² (ex GST)
Building Completion	December 2017



Photographer: DMax Photography

CHURCHLANDS SENIOR HIGH SCHOOL – MAJOR ADDITIONS



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CHURCHLANDS SENIOR HIGH SCHOOL – MUSIC AUDITORIUM 20 Lucca Street, Churchlands

Architect: TAG Architects

Building Contractor: EMCO Building

Educational and architectural ideas:

A new music auditorium and associated teaching spaces are valuable additions to Churchlands Senior High School, providing contemporary facilities for the Gifted and Talented Music Student Program.

Although appointed to upgrade the existing auditorium, TAG demonstrated it would be feasible to construct new facilities within the allocated funding, in addition to retaining the existing space.

The design team worked closely with the acoustic engineer to deliver a balance between the volume, shape and material quality of the auditorium enabling a flexible use of the space for the school's varying music ensembles and performance groups.

The new facility consists of three major built elements; a standalone 500 seat auditorium, music

teaching block, and choral studio. The overall cluster of new and existing buildings forms a music 'hub', strengthening the school's identity as a specialist facility and providing an interface for interaction between school and community. Careful site planning has created a series of connected areas in and around the new and existing facilities formalising the entry sequence whilst providing adjacent gathering spaces.

Since completion, the Auditorium has received recognition for exceptional acoustics, demonstrating how an alternative design solution offers a valuable contribution to the school and the wider community.

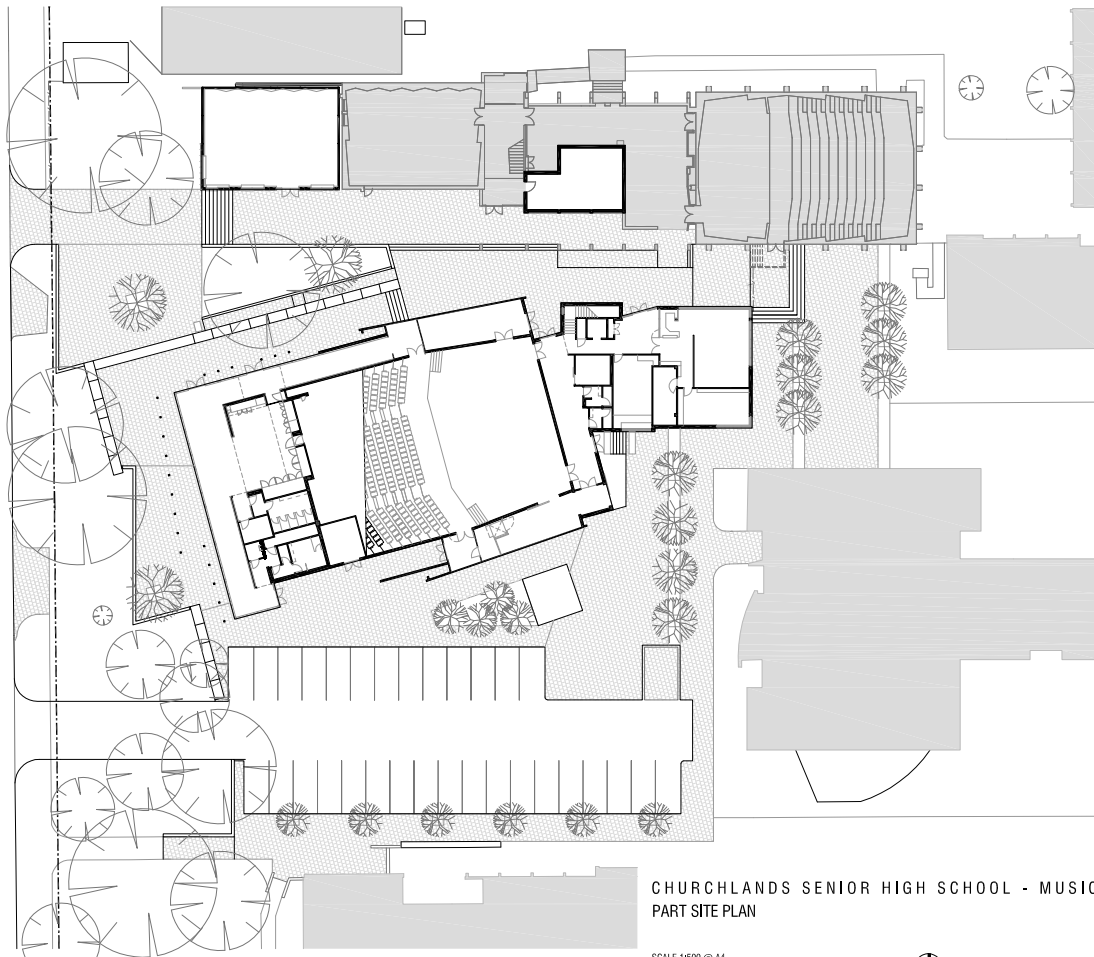
FACTS / FIGURES:

Gross Floor Area	2,226m ²
Final Contract Sum	\$7.367m (ex GST)
Cost per m²	\$3,309/m ² (ex GST)
Building Completion	May 2012



Photographer: Robert Frith

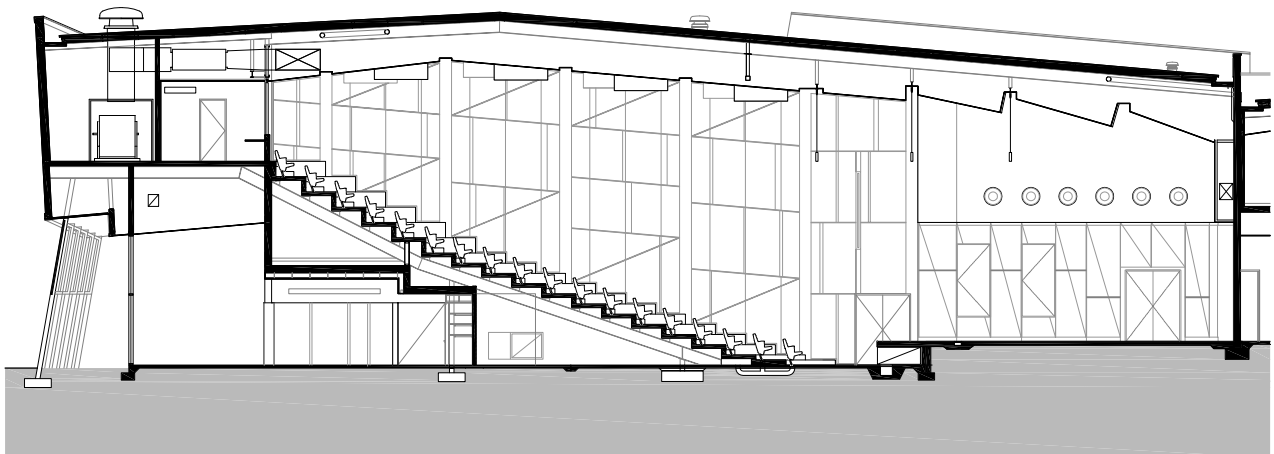
LUCCA STREET



part site plan

CHURCHLANDS SENIOR HIGH SCHOOL - MUSIC AUDITORIUM
PART SITE PLAN

SCALE 1:500 @ A4
0 5 10 25m



section

CHURCHLANDS SENIOR HIGH SCHOOL - MUSIC AUDITORIUM
AUDITORIUM SECTION

SCALE 1:150 @ A4
0 1 5 10m

CHURCHLANDS SENIOR HIGH SCHOOL – MUSIC AUDITORIUM