

# TRANS FORM ANCE

TRANSFORMING  
THE LEARNING  
LANDSCAPE

Learning Environments Australasia  
19th Annual Conference

28-31 MAY 2019  
Perth Convention  
& Exhibition Centre  
[transformance.a4le.org.au](http://transformance.a4le.org.au)



## BYFORD SECONDARY COLLEGE – STAGE 3 Abernethy Road, Byford

**Architect:** TAG Architects

**Building Contractor:** PACT Construction

### Educational and architectural ideas:

The facility presents a sophisticated environment and innovative approach to meeting the educational needs of the learning community.

The two-level building comprises 15 GLA's, 5 specialist learning areas, 3 computer labs, lecture theatre, Student Services hub, staff collegiate areas, staff common room, and associated amenities.

The building is planned into functional spaces either side of a top-lit central circulation spine. Voids have been punched through the upper floor gallery space to provide natural light to the lower level and to subtly separate student movement from the two banks of learning areas, north and south. This spine serves as a means of internal circulation and access to the functional areas and as a "learning street" creating opportunities for incorporating incidental learning areas (ILA's). The lecture theatre has a rear operable wall that increases the capacity by 25% by expanding into the adjacent ILA.

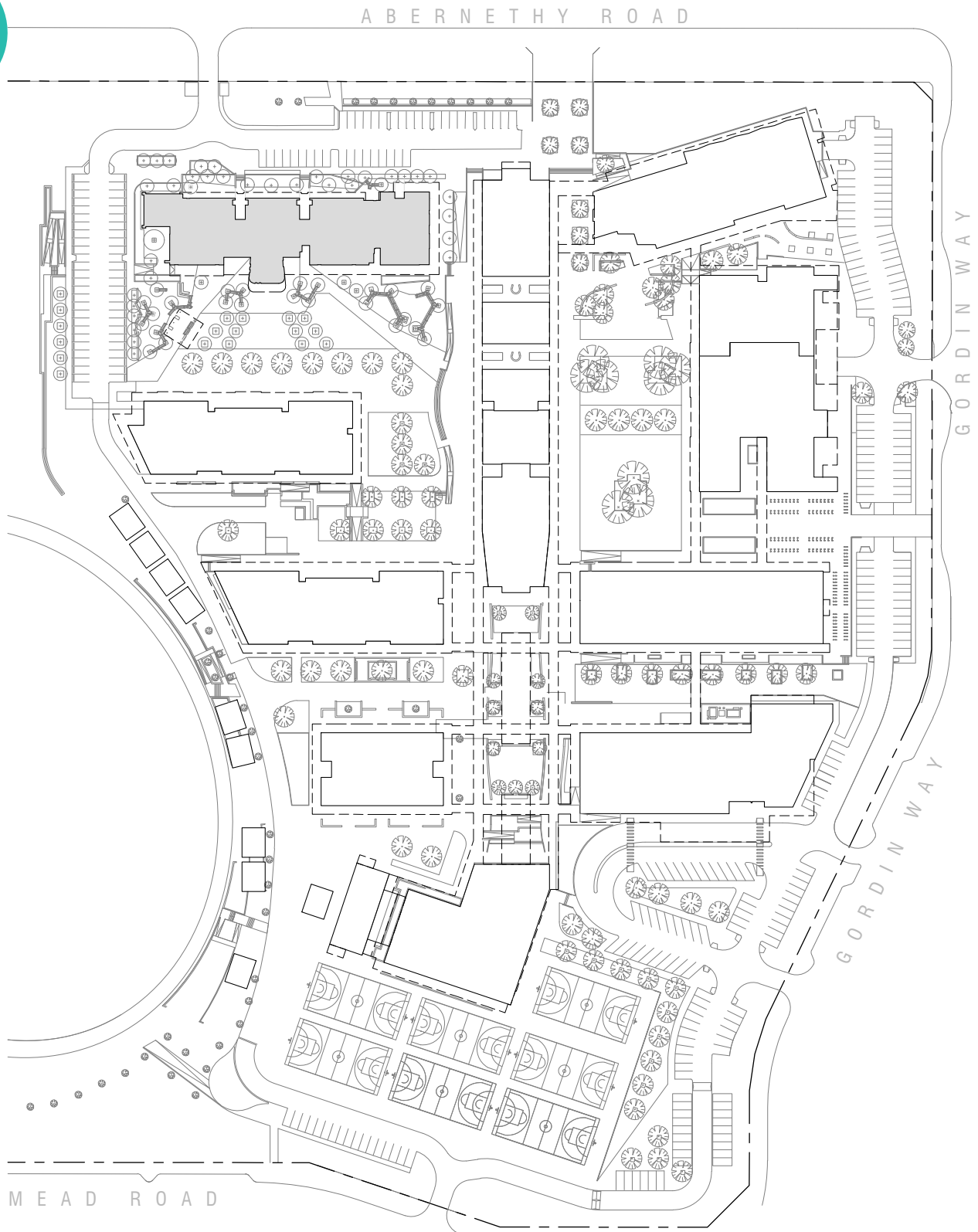
The new senior learning community has been designed to complement the existing campus where appropriate by using similar materials and forms, but provides contrast due to its larger scale. The building presents to the street frontage and southern courtyard as a linear form articulated into its functional elements by providing access ways between the components and treating the facade with a range of materials.

Using materials consistent with the existing campus, but in slightly different configurations and colours, the design reinterprets the brief and provides a comfortable addition to the environment. The building is clearly different, yet at the same time presents a familiar feel.

### FACTS / FIGURES:

<b>Gross Floor Area</b>	1,060m <sup>2</sup>
<b>Final Contract Sum</b>	\$10.445m (ex GST)
<b>Cost per m<sup>2</sup></b>	\$2,080/m <sup>2</sup> (ex GST)
<b>Building Completion</b>	September 2017





BYFORD SECONDARY COLLEGE - STAGE 3  
MASTER PLAN

SCALE 1:1500 @ A4



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## BYFORD SECONDARY COLLEGE – STAGES 1 & 2 Abernethy Road, Byford

**Architect:** With\_Architecture Studio

**Building Contractor:** PS Structures (Stage 1)  
Cooper & Oxley (Stage 2)

### Educational and architectural ideas:

Byford Secondary College's campus utilises clear planning structures, with buildings arranged around a north-south axis. The spatial hierarchy throughout the campus acknowledges different student age groups and promotes inclusiveness and social interaction. Either inside or outside, all spaces can be used for educational purposes. By catering for all ages and individual needs, the campus is inclusive to students and welcoming to the community.

The design acknowledges the local geography, referencing the prominent ridge line of the nearby ranges with an undulating form manifest throughout the campus architecture. The distinctive use of subtle gradations of colour to code different building groups is an effective wayfinding device, while also conferring a unique identity to each building in the campus. The campus buildings are mostly single-level brick structures with pitched sheet metal roofs.

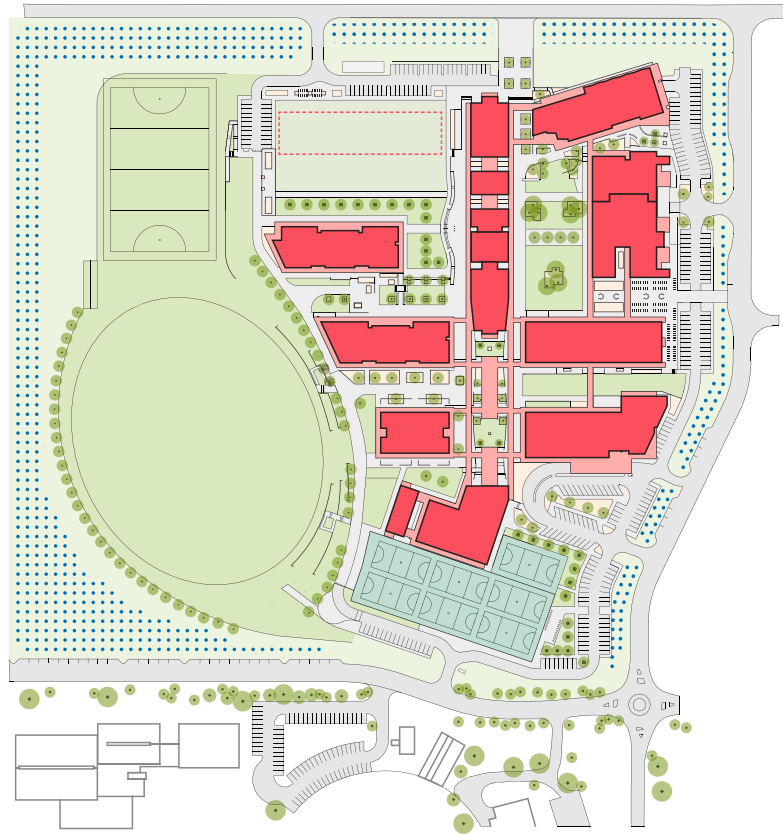
The architectural form of the school buildings; the network of outdoor spaces; the adoption of undulating lines and planes as a motif referencing the escarpment; the use of colour; the form, character and location of the Performing Arts building, all combine to give the College a marked presence, a sense of unity, and a distinctive local identity. The design satisfies the brief's programmatic relationships and the requirement for flexibility; the needs of students, teaching staff and management; and anticipates changes in education practices with the inclusion of several adaptable spaces. These brief requirements further augment the more orthodox teaching and learning areas with break-out spaces as well as circulation and incidental areas enhanced with a variety of teaching aids.

### FACTS / FIGURES:

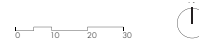
<b>Gross Floor Area</b>	23,082m <sup>2</sup>
<b>Final Contract Sum</b>	\$63.2m (ex GST)
<b>Cost per m<sup>2</sup></b>	\$2,039/m <sup>2</sup> (ex GST)
<b>Building Completion</b>	June 2016



Joel Barbitta D-Max Photography



Site Plan



Year 8 GLA Floor Plan



Science Floor Plan



# BYFORD SECONDARY COLLEGE