Art, Design & Technology Building

SENIOR SCHOOL

Saint Ignatius' College Foundation

EXTERNAL FACADE - SOUTH

The future of Art, Design & Technology at Athelstone

Our new Art, Design, and Technology Building is due for completion by 2024. This exciting space will be the new hub for future generations of creatives and design thinkers.

- The simple but elegant design adopts the principles of the Bauhaus movement such as “minimalism” and “form follows function”. It takes direction from elements of our College’s existing architecture but with a fresh and thoughtful perspective.
- The layout was designed to facilitate cross-curriculum collaboration between art, design, and technology.
- The functional design provides flexible working spaces, clear sight lines, and ample room for storage.
- Purpose-built facilities are designed to incorporate Industry 4.0 technologies that will provide students with a more hands-on and immersive learning experience.
- A dedicated art and design gallery (exhibition space) will be available to student and community artists to display their work.
- Particularly beneficial for the study of visual arts, the design maximises natural light and provides views of the hills and surrounding nature.
- Sustainability was a key element of the brief and designers have worked mindfully to incorporate sustainable building practises.

EXHIBITION SPACE

“The new Art, Design and Technology Building for the Senior School Campus is designed to ignite innovation. Intentionally refined, the building highlights the beauty in simplicity, allowing the creativity of the students’ work to be the focal point. It celebrates art, design and technology through a contemporary yet timeless building that showcases the College’s progressive thinking.”

- Marco Spinelli (Class of 1981), Director Architect, Architects Ink

CLAY & CERAMICS LEARNING AREA

Features

BUILDING FACILITIES

- Machinery workshop
- Art & technology plaza
- Exhibition space
- Clay & ceramics learning area
- General learning areas
- Courtyard and garden

The new spaces will create opportunity for improved cross-curriculum collaboration. For example, the design process and initial concept can be finalised by design students and then be engineered and produced by technology students.

SUSTAINABILITY

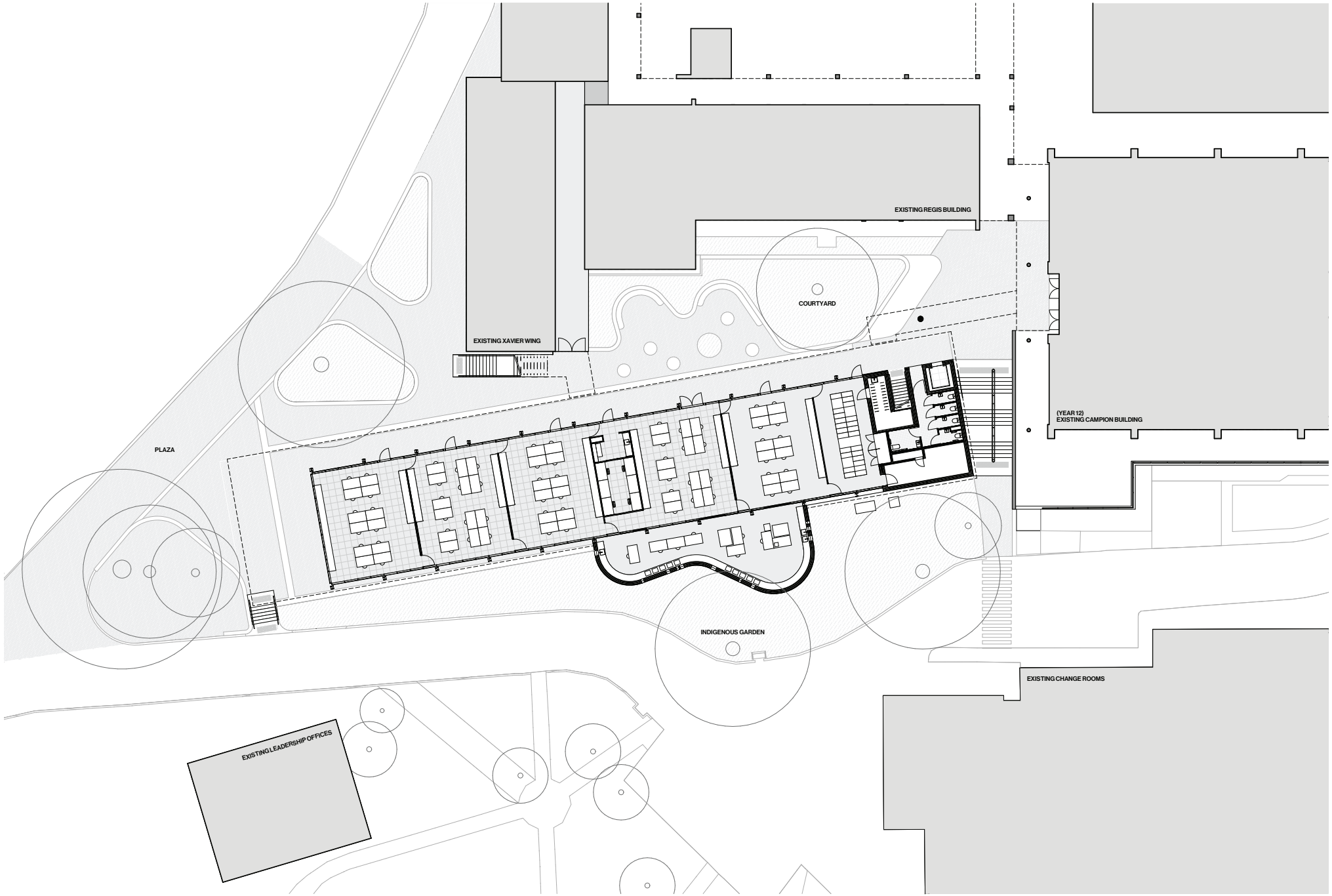
- Solar panels
- Rainwater catchment system
- Natural light to all learning areas
- Cross ventilation
- Gridded perforated screen (façade) provides shading to all orientations

The need to use natural light was a priority for teachers of Art when discussing the design with architects. It also had to fit in with the existing trees and plants in the area so they were not destroyed. Hence the building is built at an angle to accommodate this.

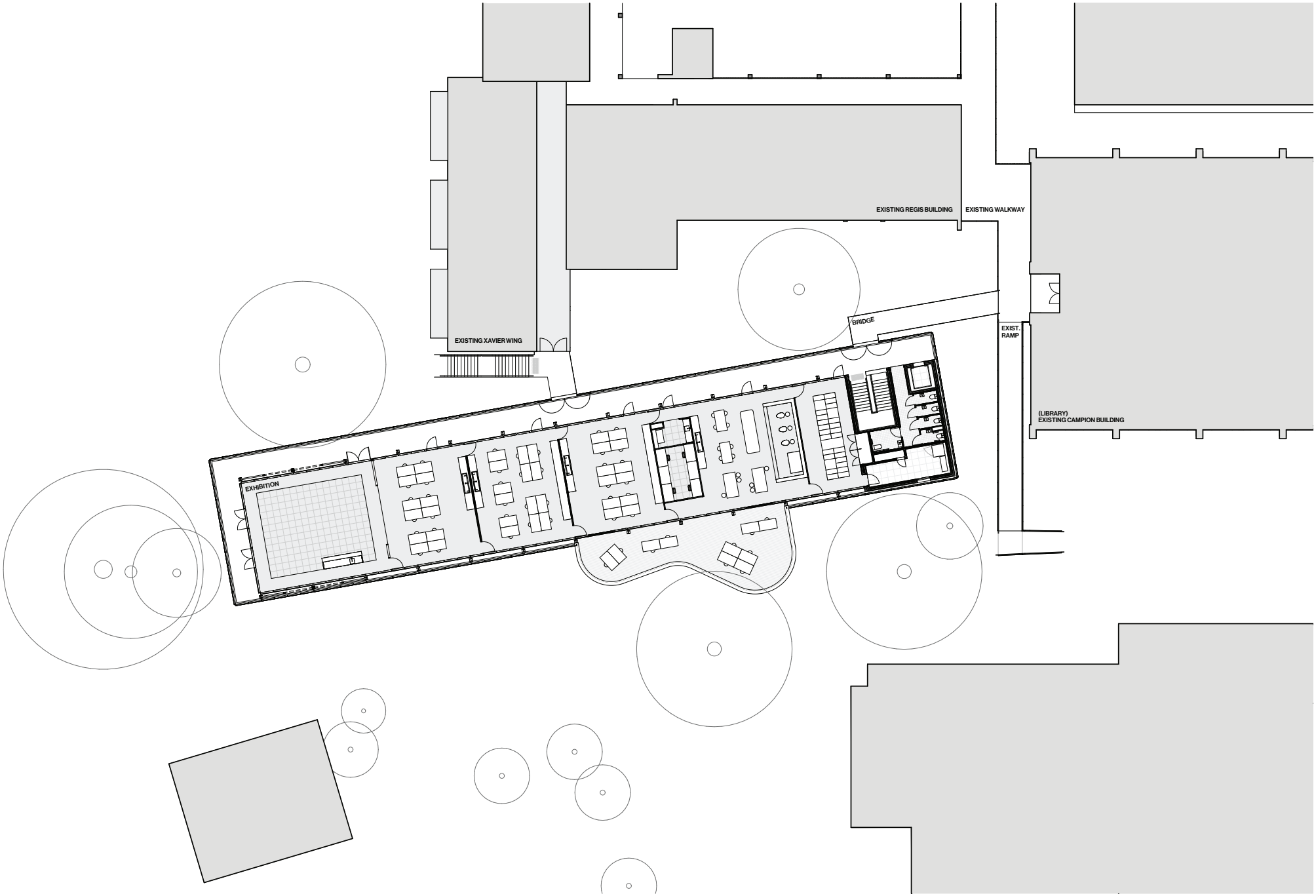
MARY-ANNE HOBBS WITH STUDENTS

"I'm most excited about the sense of inter-connectivity that I believe the building will have. It will feel like an art community works in the space. This will foster collaboration and the emergence of new ideas and methodologies."

- Mary-Anne Hobbs, Curriculum Coordinator Cross Disciplinary Studies



GROUND FLOOR PLAN



UPPER FLOOR PLAN

Architects Ink

DESIGN TECH LEARNING AREA

Benefits

Teachers discuss the positive impact that the new building will have on learning and teaching

ART

How will this building enhance art lessons?

Maria Minucci:

The fact that we will have a technology and design workshop in close proximity will mean there will be further opportunity for mixed media explorations especially for 3D work.

All the art, design, and technology teachers working in one area instead of multiple areas within the school will facilitate team teaching and sharing of skills and resources.

Mary-Anne Hobbs:

The natural light that will penetrate the spaces will benefit the way students observe subject matter around them. The expansive spaces will generate a feeling of an "art community" that should stimulate creativity.

Better access to technology and all its implications will be vital as it has become a part of how we function.

"It will provide us with a great viewing vista of the area that we can use to inspire students for their creative ideas and practice."

- Maria Minucci, Faculty Leader Creative Arts

Benefits

DESIGN

How will this building enhance design lessons?

Rob Sturgeon:

The workshop adjoining the learning spaces will facilitate design students independently investigating the properties of materials as well as developing prototypes and finished design solutions at their own pace. This will connect to deep real-world learning and lead to a better understanding of possible future skill sets and career pathways.

Students will benefit from the ease of being able to seamlessly move between both manual and digital design skill sets without interruption or impacting on other class groups.

The more organised space, facilities and ample storage will mean both collaborative and individual design can be developed over longer time frames with higher levels of complexity and precision.

"The new spaces will create opportunity for improved cross-curriculum collaboration between technology and design students, where the design process and initial concept can be finalised by design students and then be engineered and produced by technology students."

- Rob Sturgeon, Teacher of Art, Design, Digital & Information Technology

Benefits

TECHNOLOGY

How will this building enhance technology lessons?

Alex Massy Gartly:

Integrating Industry 4.0 technologies into the building will offer a range of benefits that can enhance the learning experience for students and prepare them for future careers in STEM fields:

- Improved Learning Experience: It allows them to engage with the technology directly and gain practical knowledge, which can help them develop a better understanding of the concepts.
- Customization and Flexibility: Technologies like 3D printers and laser cutters enable students to create their own unique designs and prototypes. This promotes creativity, innovation and allows for customization and flexibility in lessons.
- Time and Cost Savings: Students can quickly and easily produce their own parts and components, saving time and reducing the cost of purchasing pre-manufactured items.
- Interdisciplinary Learning: Industry 4.0 technologies can be used in many subjects such as design, engineering, mathematics, physics, art and more.

"With Industry 4.0 technologies, students can develop a range of skills that are relevant to the industry. These skills can include critical thinking, problem-solving, digital literacy, and technical skills."

- Alex Massy Gartly, Curriculum Coordinator Information & Digital Technology

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Early Years

58 Queen Street
Norwood SA 5067
Est. 2009

Tel: (08) 8130 7180

Junior School

62 Queen Street
Norwood SA 5067
Est. 1951

Tel: (08) 8130 7100

Senior School

2 Manresa Court
Athelstone SA 5076
Est. 1967

Tel: (08) 8334 9300

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