

# Project overview

A new high school is being developed to cater for the growing population in the Sydney Olympic Park, Concord West and Wentworth Point communities.

The State Significant Development (SSD) application is being lodged with the Department of Planning, Industry and Environment (DPIE) for planning approval. The SSD application will be placed on public exhibition for the community to review and provide feedback directly to DPIE.

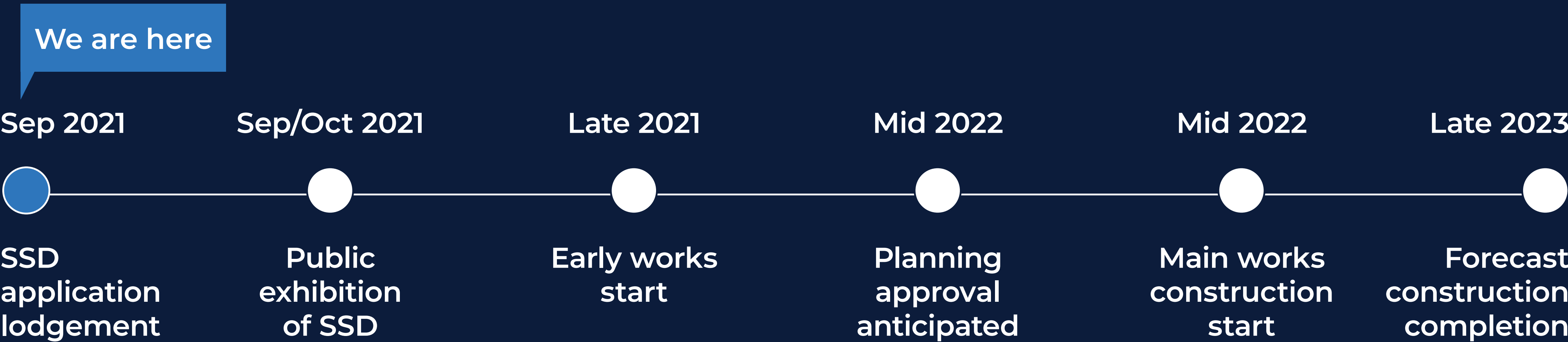
In addition to modern learning environments, the new school will have a Vocational Education and Training (VET) kitchen, wood and metal work facilities, science labs, a multipurpose hall for sports and performance, canteen facilities, as well as outdoor play spaces including landscaped recreation areas and games courts.

The NSW 2021/22 Budget includes funding for additional teaching spaces and specialist curriculum facilities for the Sydney Olympic Park new high school project, increasing the number of students to be accommodated from more than 800 to approximately 1500.

The SSD application will seek planning consent for both these stages of the school. While the second stage is submitted as part of this proposal, construction is subject to business case approval.

This information session provides a summary of the SSD application.

## Indicative project timeline



The above timeline shows indicative dates only. The completion date will be confirmed once the planning application has been approved and a delivery program has been finalised.



Artist impression of the new high school



# Designed around teaching and learning

The proposed design for the new school includes a six-storey building with two wings, and a hall building for fitness, movement and performance.

The layout of the school building creates a central courtyard for students that is physically separated and protected from the surrounding streets.

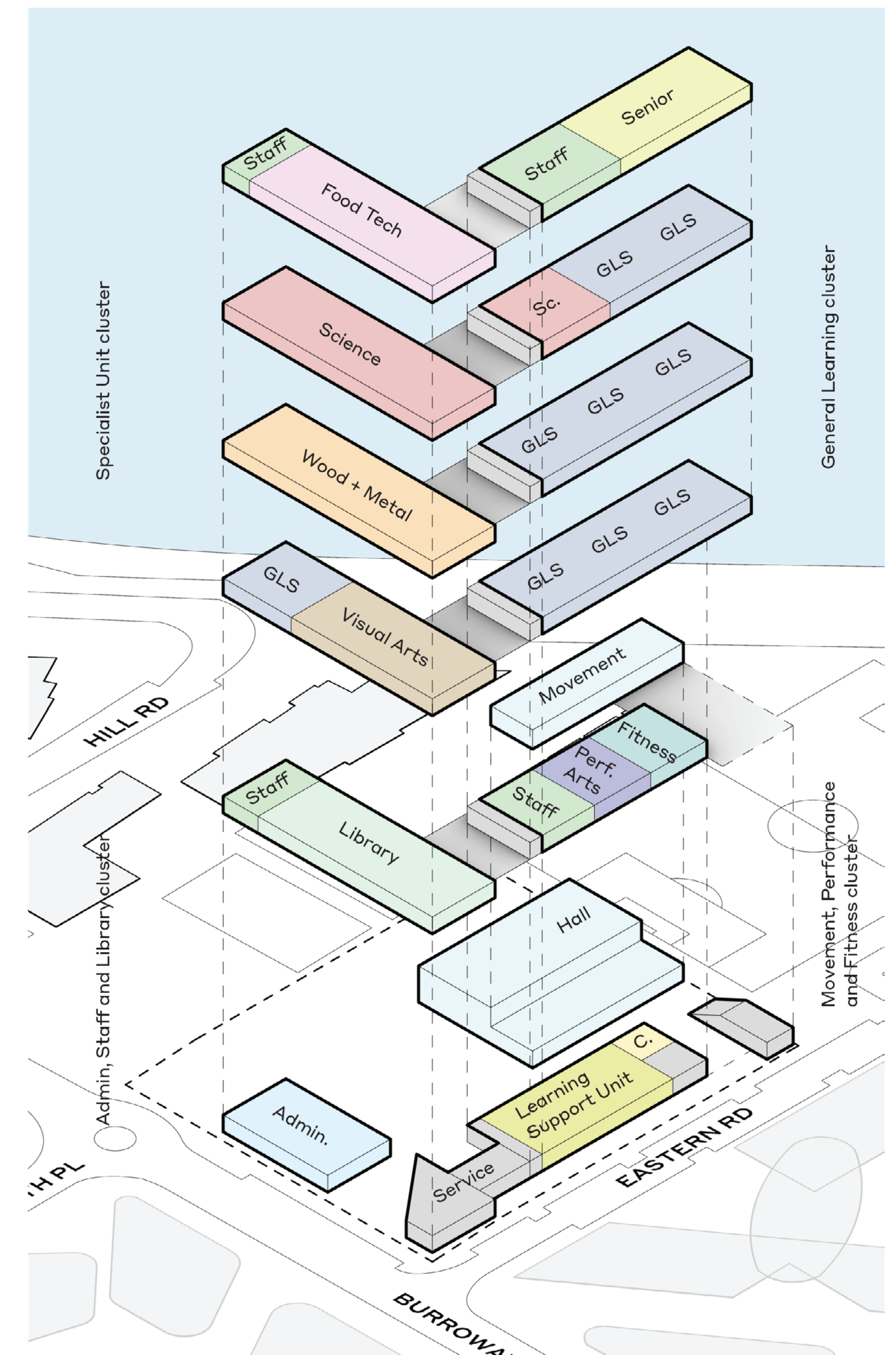
The school is arranged by learning units that are focused on discipline-based learning neighbourhoods that group subjects like science or visual arts. These are grouped in clusters across the two wings, with specialist learning spaces in one wing, and general learning spaces in the other.

General learning spaces are located over three floors, making it easier for staff and students to travel between classes and allowing the creation of faculty departments. Learning common areas are spread throughout the building, encouraging collaboration and allowing flexible use by year group or curriculum.

The top floor is used for seniors and staff areas, offering space away from the activities of the main school.

Administration, library, performance and fitness facilities are on the ground floor and level 1 to allow for easy connection with the community and potential use of some facilities by community outside of school hours.

The support learning unit is on the ground floor and provides direct access to the play space.



## Sydney Olympic Park new high school

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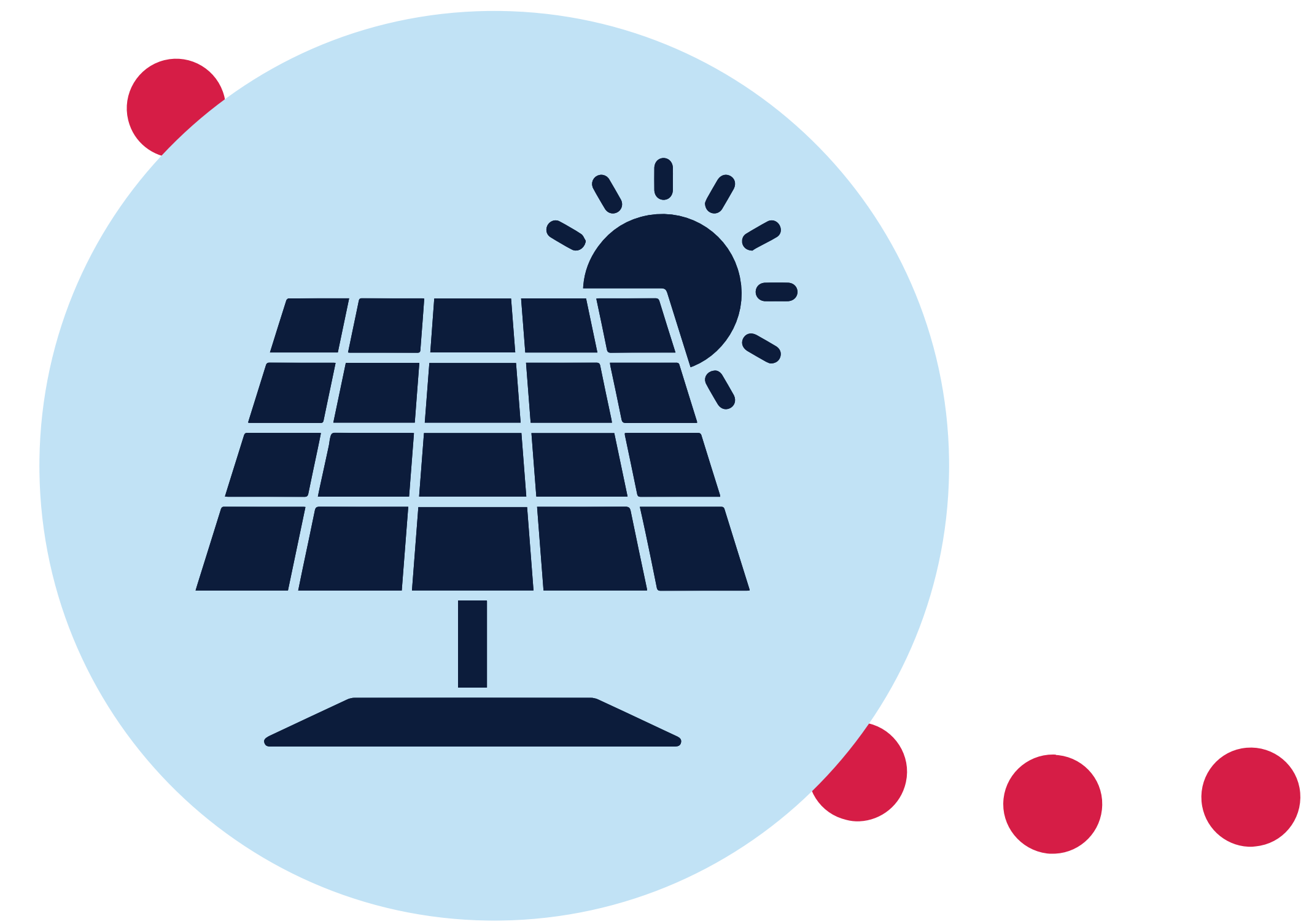
# Design that responds to the site and environment

The design has sustainable features that respond to the climate of the site including orientation to promote natural lighting, appropriate shading and efficient insulation materials, controlled natural ventilation, solar power and rainwater capture and reuse.

The school buildings create a barrier as a protected courtyard of play space, providing neighbours acoustic and visual privacy and shielding students from roadways bordering the site. The hall and movement studio are positioned at the back of the site and open inwards, to allow them to be used outside of school hours.

Building orientations and façades are positioned and treated to maximise natural light and reduce heat load in summer months.

The selected external materials and finishes are durable, high quality and suitable to the local context. The building base is clad in brick, the bottom featuring deep green, traditionally used in Sydney to provide robust surfaces that have stood the test of time. The upper levels of the building feature textured, reflective, light-coloured metal cladding that changes in response to the shifting colours and patterns of the sky.



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# Traffic and transport

From the outset, the selection of the site for the new high school has been based on sustainable travel and population demand.

At present, high school students in the area must leave the Wentworth Point Peninsula to attend school. The location of the school in a high density, walkable residential area means that the future school population will find it easier to walk to school, than to drive.

A complete transport assessment has been conducted, including traffic surveys, to support the SSD application for this project.

Analysis of the existing student population suggests that 26% of the current students are within a 1.2km walk and 52% within a 2.9km walk. This number is expected to increase as future residential developments are completed in the area.

According to modelling, long term congestion is expected to reduce as the majority of students (70%) attending the new local high school will no longer need to travel out of the Wentworth Point Peninsula using Hill Road. It is anticipated students will instead walk, cycle and use buses to travel to school within the peninsula.

For the approximately one third of students expected to travel to the school via car (30%), this travel is opposite to the peak flow that is currently causing congestion in this area.

A range of infrastructure is proposed to support the school including:



**4** raised zebra crossings around the school will increase pedestrian priority and the safety of students arriving by foot or bicycle.



**8** kiss and drop spaces will be provided in front of the school along Burroway Road.



More than **140** bicycle parking spaces and changeroom facilities to support active transport to school.

Additional infrastructure is proposed as part of future development plans. The land to the east will be subject to a separate approval process. Redevelopment of the land will include a new road along the eastern boundary of the site that will include car parking, drop-off zones and delivery zones for the proposed school (see site plan).

Traffic and transport movements have been considered as part of the SSD application and can be found in the Transport and Accessibility Impact Assessment (TAIA), which is a technical study in the Environmental Impact Statement (EIS).

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# Environmental assessment

An Environmental Impact Statement (EIS) has been prepared for the State Significant Development (SSD) application. The EIS contains technical studies, which are an important part of the planning process and provide information to decision makers about the environmental impacts of the project.

Technical studies involve research, site investigations, surveys and assessment, data analysis, and community and stakeholder consultation. They consider traffic, noise, operations, heritage and construction management.

You can find more information at [www.planningportal.nsw.gov.au/major-projects/project/40751](http://www.planningportal.nsw.gov.au/major-projects/project/40751)

The SSD application (including the EIS) will soon be placed on public exhibition and submissions must be lodged directly with DPIE.

Some of the technical studies undertaken for the EIS include:

- **Design Analysis**
- **Traffic and Transport**
- **Social Impact Analysis**
- **Noise and Vibration**
- **Aboriginal Assessment**
- **Ecological Sustainable Development**
- **Preliminary Construction Management**
- **Hydraulic**
- **Contamination**
- **Building Code of Australia Compliance**
- **Waste Management**
- **Flora and Fauna**
- **Civil Works/ Road Works Plans/Stormwater Management**
- **Structural Report**
- **Accessibility Assessment**

DPIE will review all submissions received during the 28-day public exhibition period. When public exhibition has ended, DPIE will request SINSW to provide a formal response to submissions, before completing the assessment of the application.

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Artist impression of the ground floor of the new high school



Artist impression of the view from the outdoor multipurpose sports courts, towards Eastern wing of the school building



Artist impression of general learning spaces

Artist impressions only, subject to change

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