



Plan Magis is a series of proposed architectural designs which seek to improve our facilities and work towards a new era in the education of boys in the Jesuit tradition.

The plans seek to revitalise the Senior School and Junior School campuses in stages, to optimise our footprints and to reinvigorate our classrooms, libraries and specialist precincts.

We have named our plans *Plan Magis*. *Magis* is the term used to describe doing things better. It is about inspiring improvement not any growth in student numbers.

We are mindful that we are part of the broader Kirribilli community, and have factored in the wishes of neighbours near the Harbour at Upper Pitt Street by keeping to the height of the current campus.

After much research and internal consultation, the architectural plans have now been developed to concept stage, ready for broader consultation with parents, students, neighbours and alumni of the College.

Plan Magis will be the legacy of this generation for current and future boys.

ARTIST'S IMPRESSION OF UPPER PITT STREET PERSPECTIVE



Educational Priorities

1. Reflect contemporary education principles and provide flexible learning environments which are rich and immersive.
2. Promote each student's sense of ownership and pride in their learning environments.
3. Provide innovative learning settings geared to skills in technology with a strong academic focus to prepare boys for the future workforce.
4. Create better outdoor facilities to support learning and play.
5. Improve classroom conditions through design and Environmentally Sustainable Design (ESD) strategies.
6. Foster a sense of community and stewardship across the campuses.
7. Improve staff-student interaction and increase interdisciplinary collaboration between staff.

Design Principles

1. Adopt a formal and composed approach which is contemporary and responsive to the historic urban surroundings.
2. Create a strong identity for St Aloysius' College Upper Pitt Street Campus which is grounded, elegant and timeless.
3. Eliminate segregated silos of the campuses by opening up and activating areas to encourage flow of movement between indoor and outdoor zones.
4. Encourage collaboration and peer collegiality by providing a range of interconnected learning and social environments.

PROTOTYPE SPACE CALLED FX LAB



ARTIST'S IMPRESSION OF UPPER PITT STREET INTERIOR



Phase One: Wyalla

Plan Magis provides for the extension of two existing Level 1 learning rooms, as well as internal upgrades of teaching and learning spaces in the *Wyalla* building.

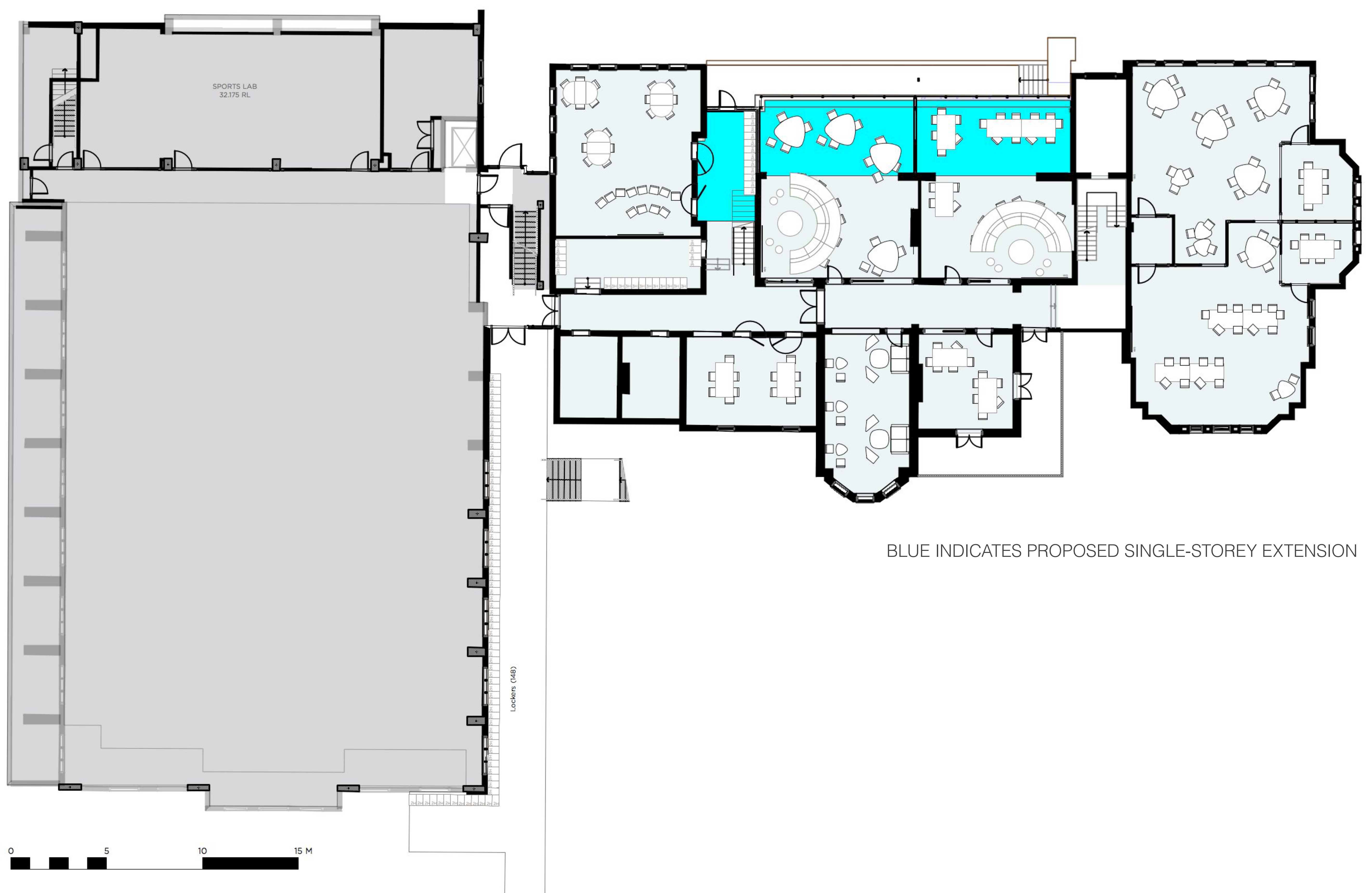
It will also feature a tertiary-style environment providing a variety of spaces to support collaborative work, group study, and self-directed learning.

This work will reinforce *Wyalla's* place as a Senior Centre for Years 11 and 12, which is an important part of passage through the College.

ARTIST'S IMPRESSION OF THE EAST SIDE OF WYALLA (BEFORE & AFTER)



LEVEL 1 PLAN



BLUE INDICATES PROPOSED SINGLE-STOREY EXTENSION

Phase Two: Upper Pitt Street

This will be the site of the most significant work.

Our concepts propose the creation of a new, engaging teaching and learning precinct spanning the eastern Upper Pitt Street wing through to the library on Kirribilli Avenue by demolishing and rebuilding the existing North East wing and infilling the existing quadrangle.

There will also be major refreshment to the North wing classrooms, as well as *The Great Hall* and *The College Chapel*.

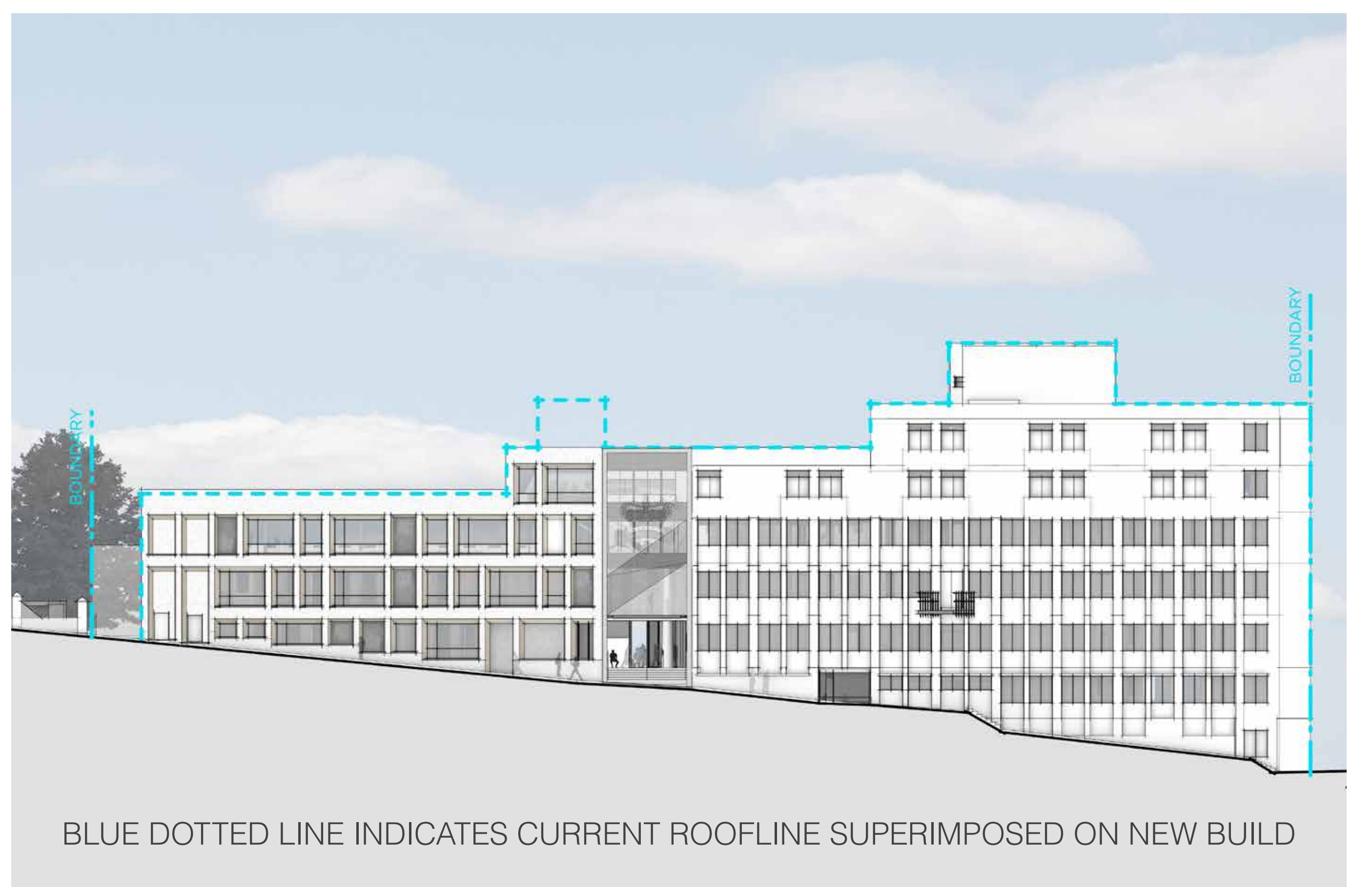
Upgrade of the courtyard space will activate and celebrate the heart of the campus and provide better outdoor environments for staff and students.

These works will resolve and improve connectivity across the campus, address the under-utilisation of rooms, and create a greater sense of ownership and identity to the rooms.

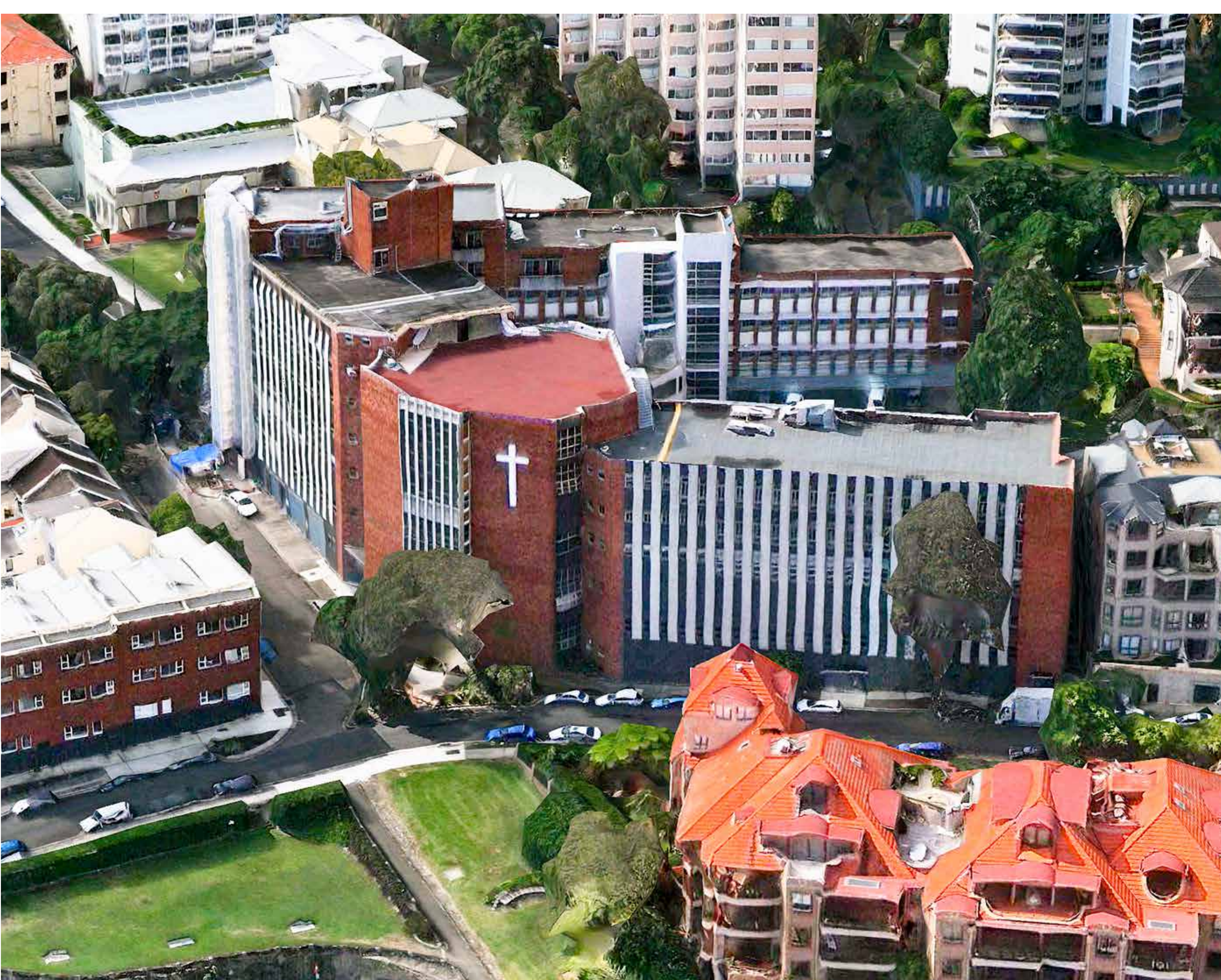
ARTIST'S IMPRESSION OF UPPER PITT STREET LIBRARY



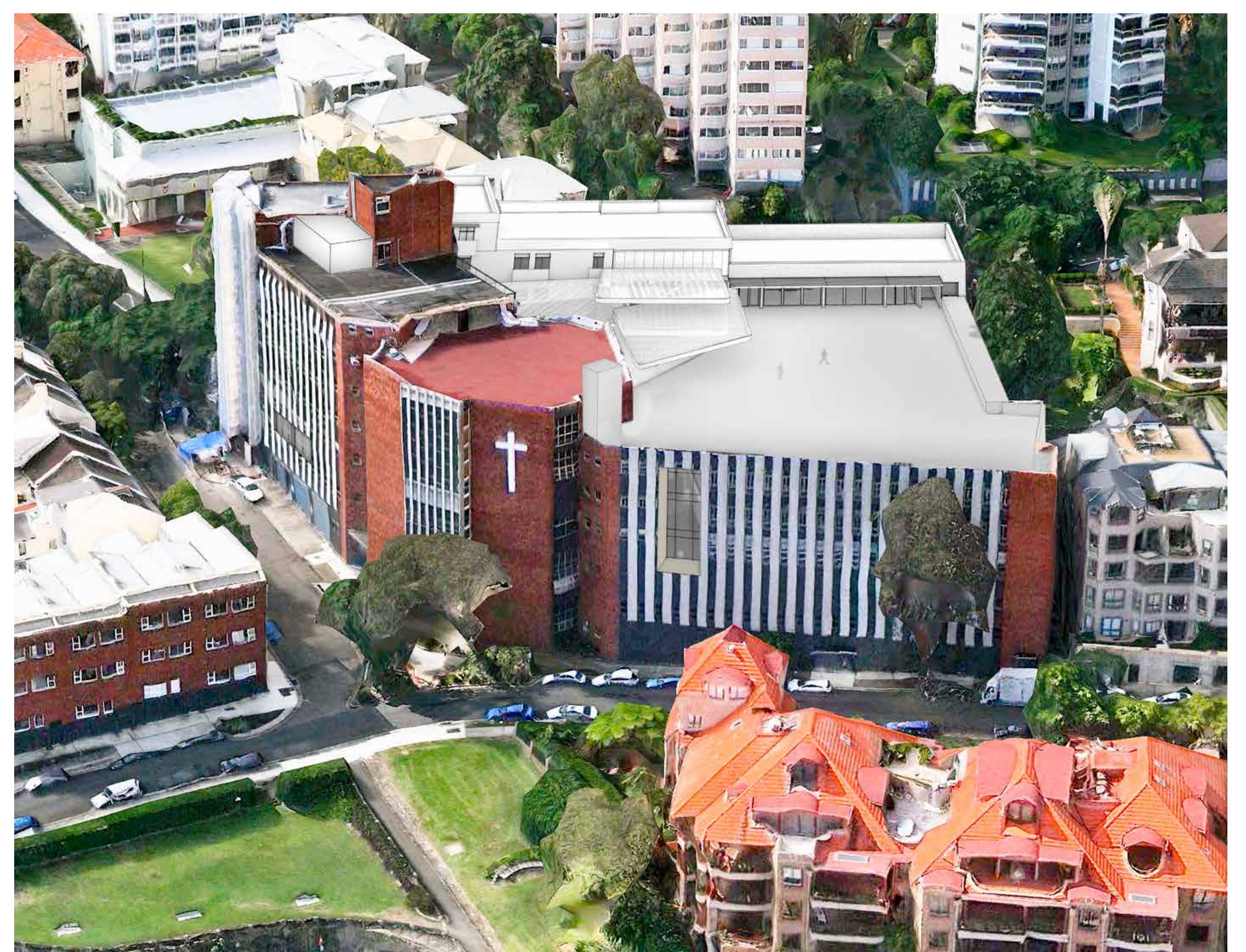
ARTIST'S IMPRESSION OF UPPER PITT STREET ELEVATION



EXISTING UPPER PITT STREET AERIAL VIEW

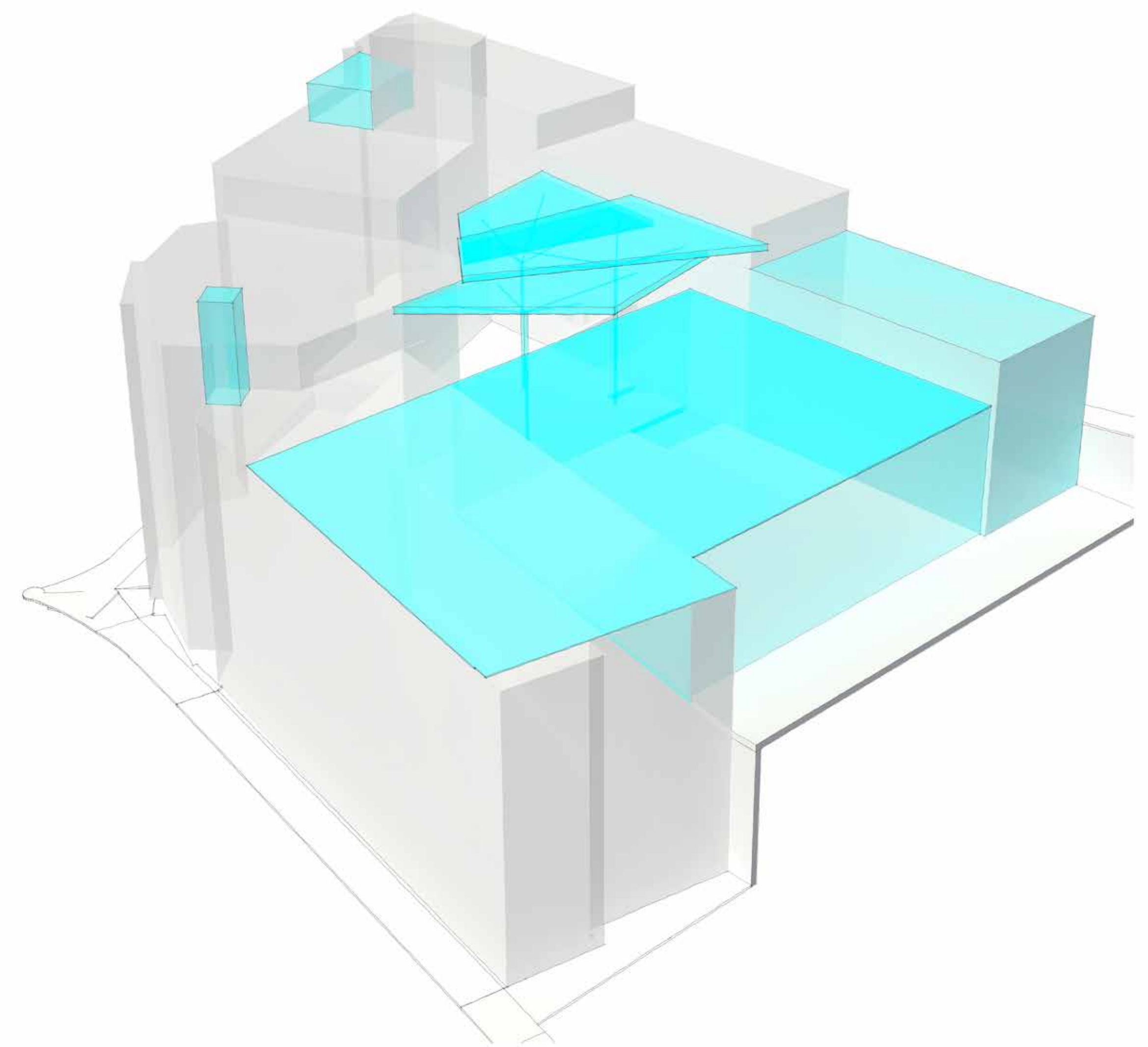


ARTIST'S IMPRESSION OF UPPER PITT STREET AERIAL VIEW

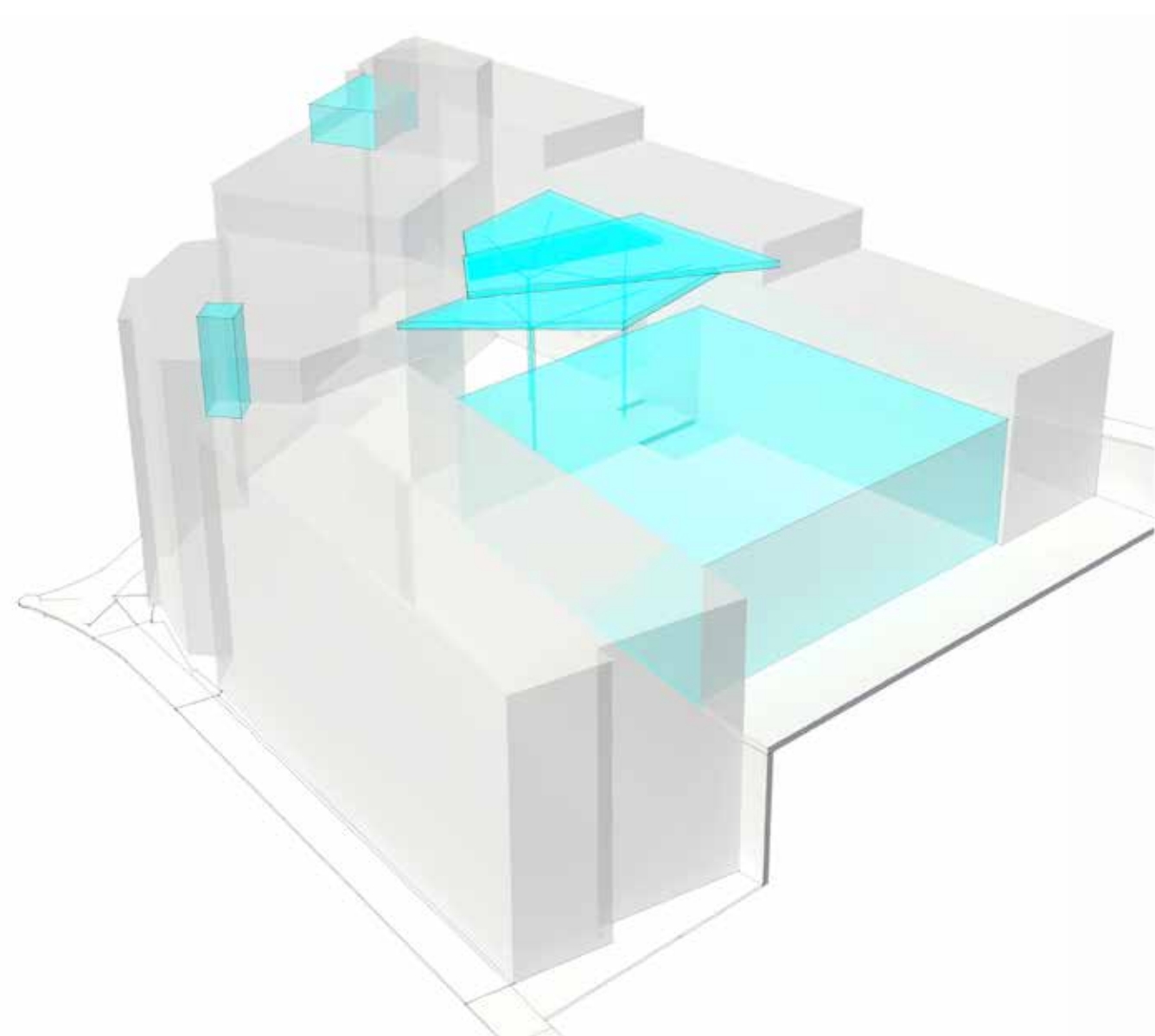


Phase Two: Upper Pitt Street Construction Stages

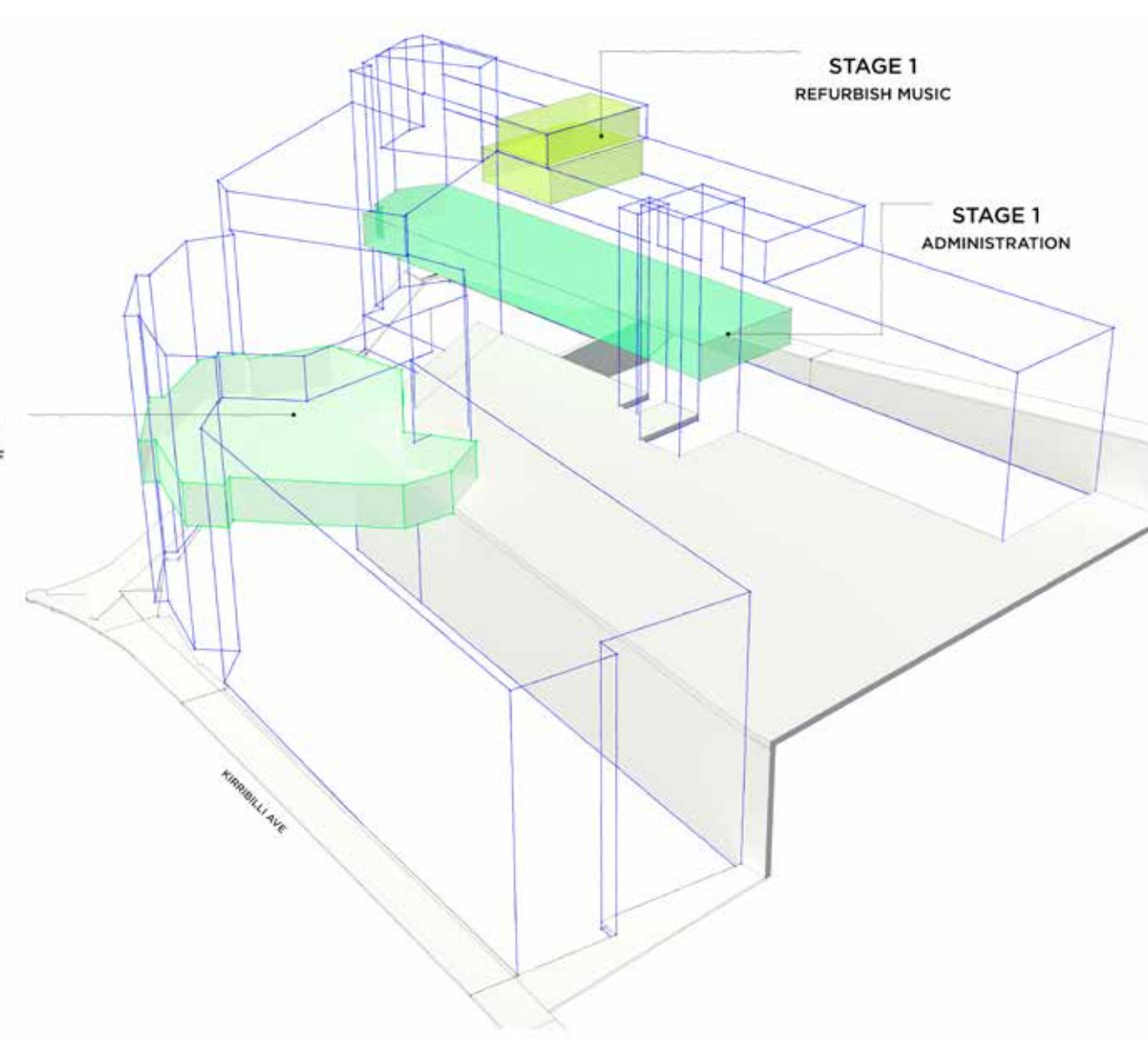
Construction will be staged to minimise disruption to the College and neighbourhood environments. A comprehensive construction plan will be developed once final designs have been approved.



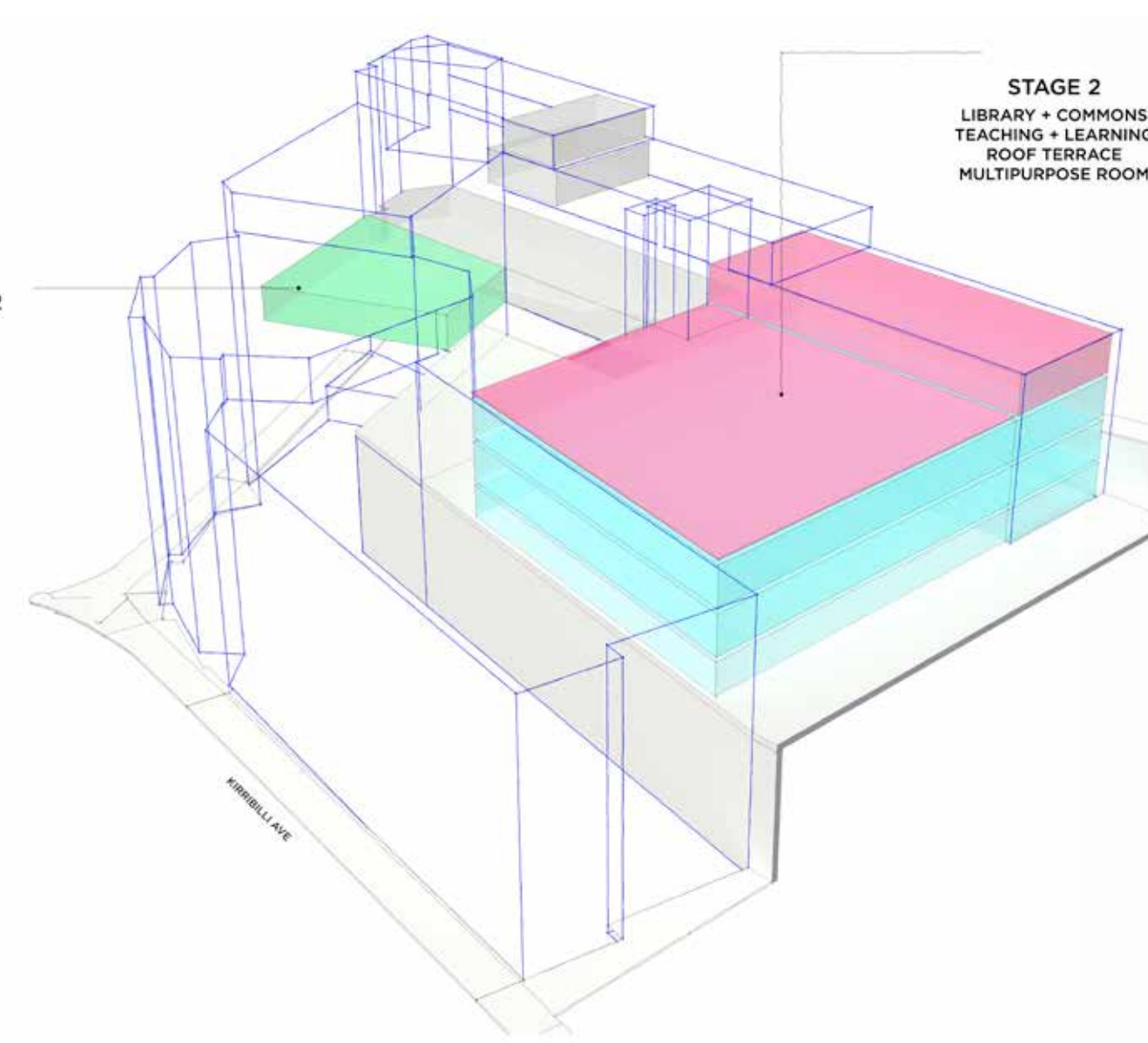
GREY TONES REPRESENT THE EXISTING BUILDING ENVELOPE AND BLUE TONES INDICATE THE PROPOSED NEW BUILD



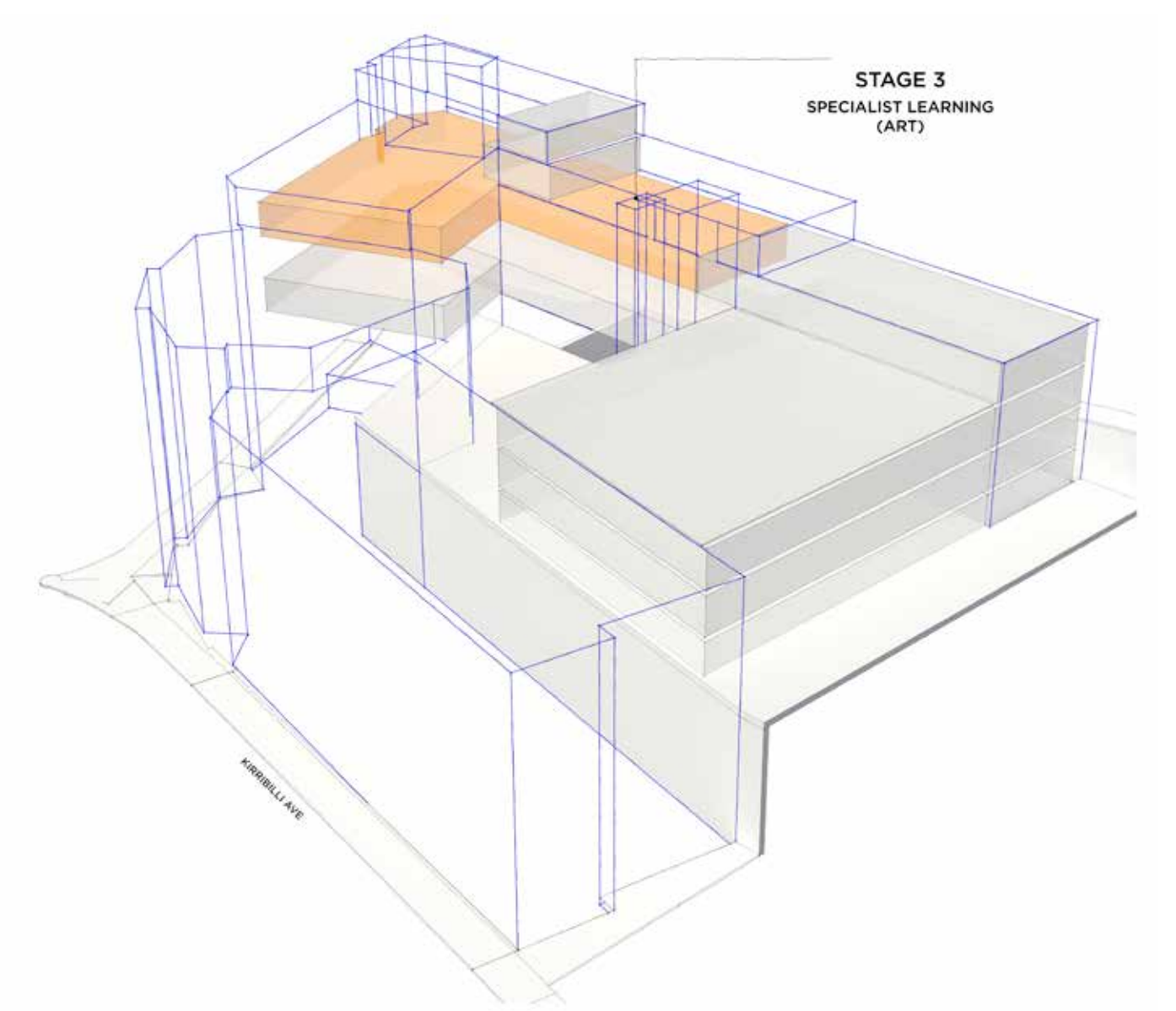
UPPER PITT COMBINING OLD & NEW



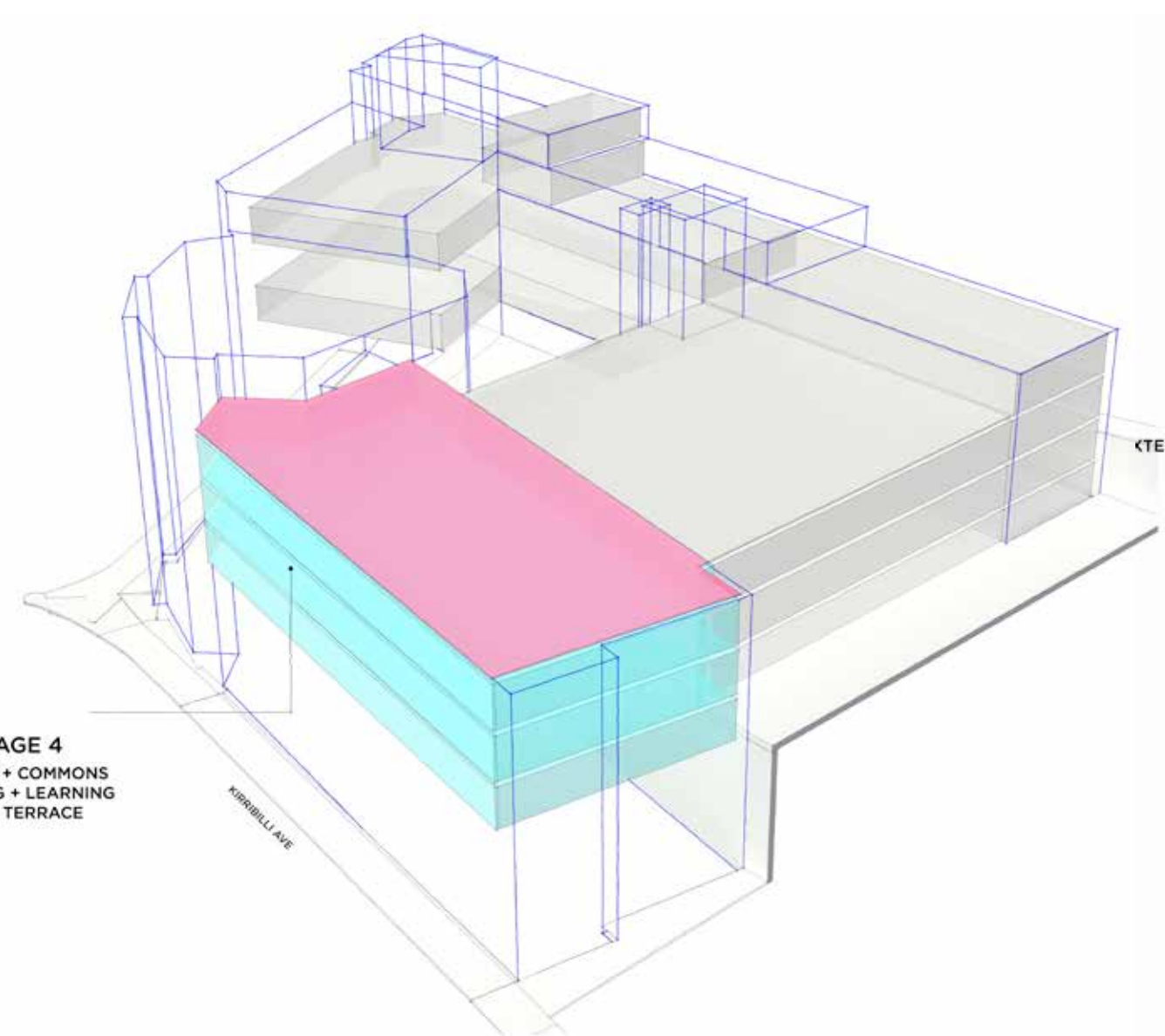
UPPER PITT STREET STAGE 1



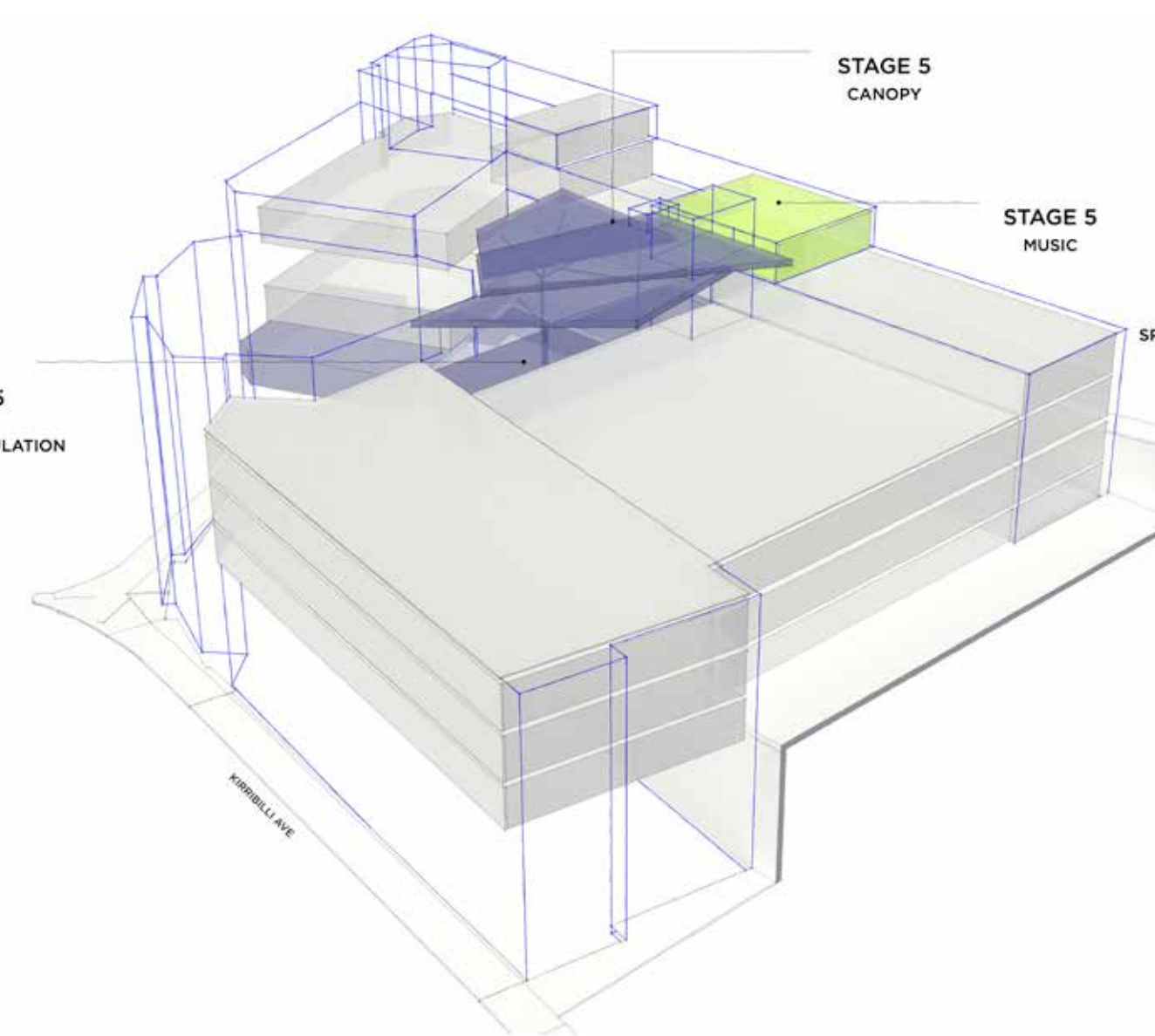
UPPER PITT STREET STAGE 2



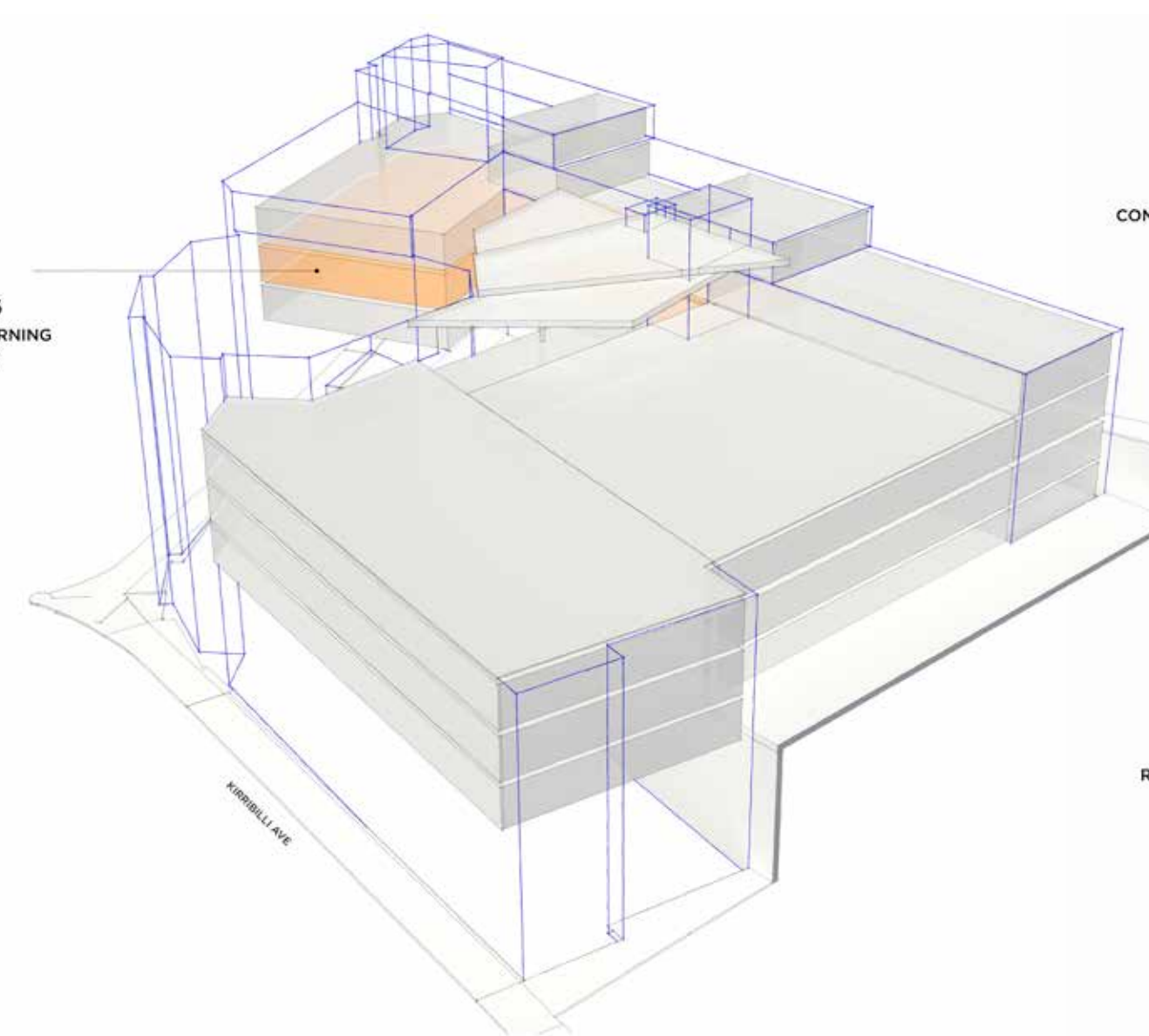
UPPER PITT STREET STAGE 3



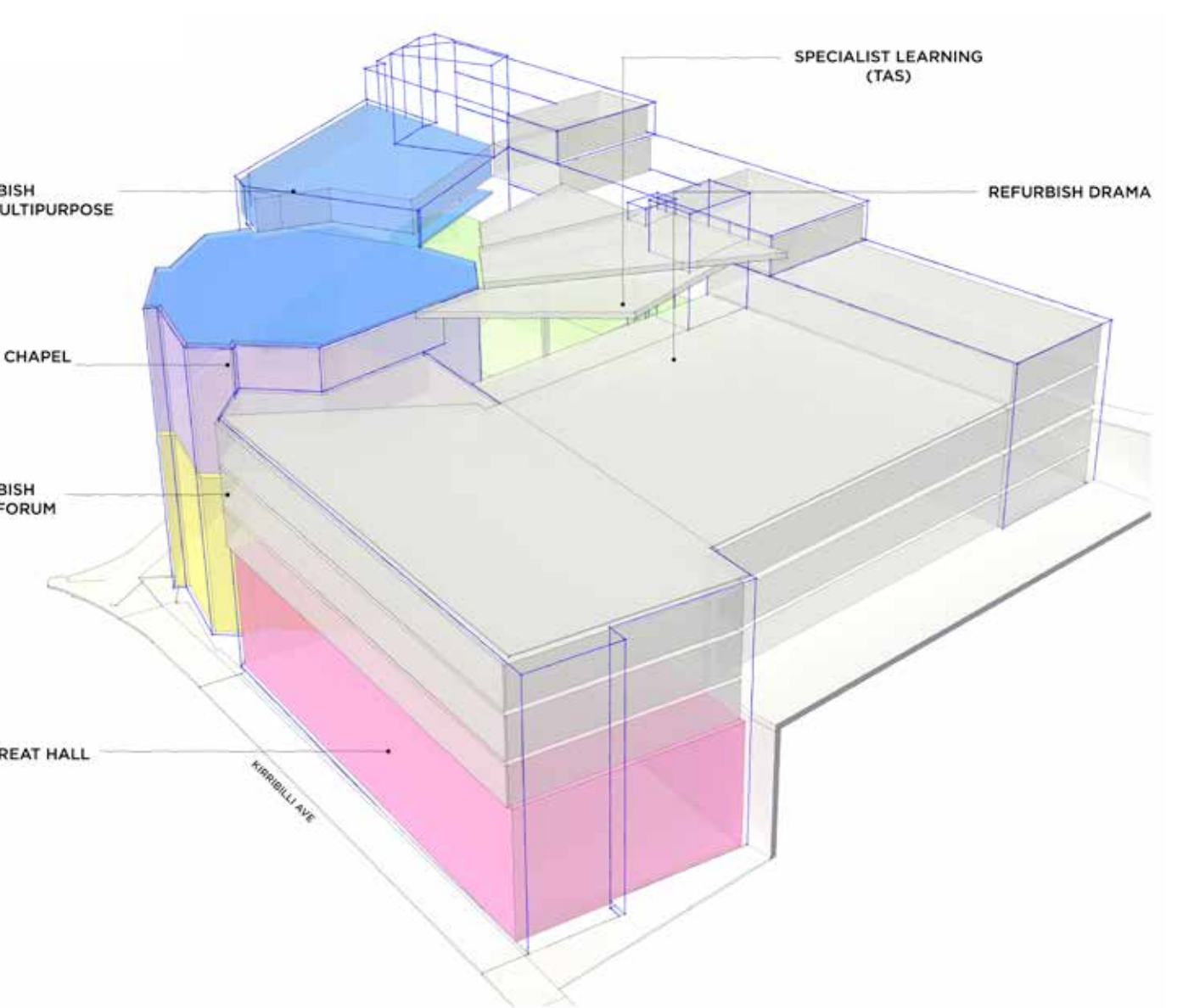
UPPER PITT STREET STAGE 4



UPPER PITT STREET STAGE 5



UPPER PITT STREET STAGE 6



UPPER PITT STREET STAGE 7-13

Impact of: Upper Pitt Street

The new Teaching & Learning facility will form a recreation zone at the roof top whilst protecting the views of neighbours.

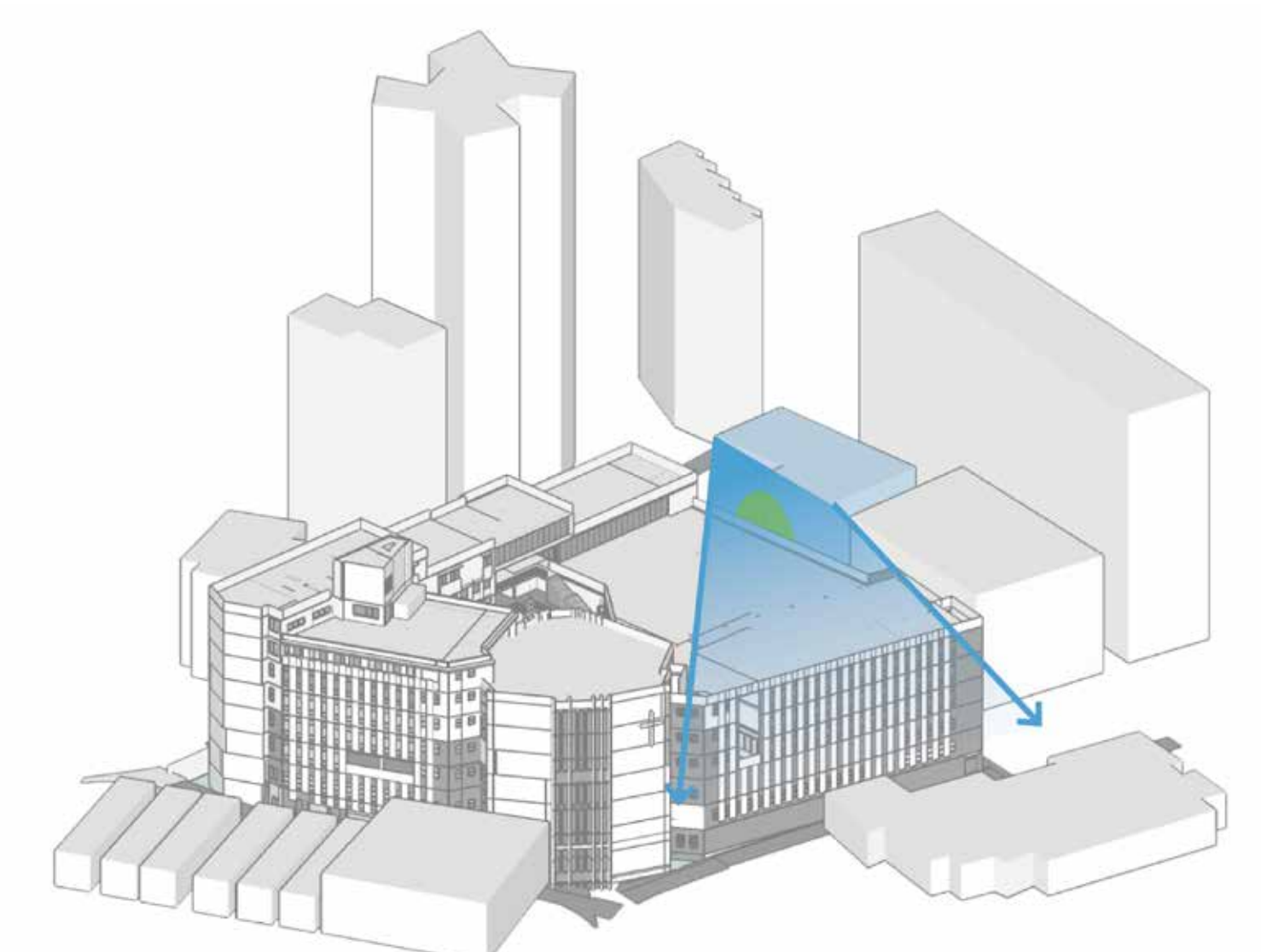
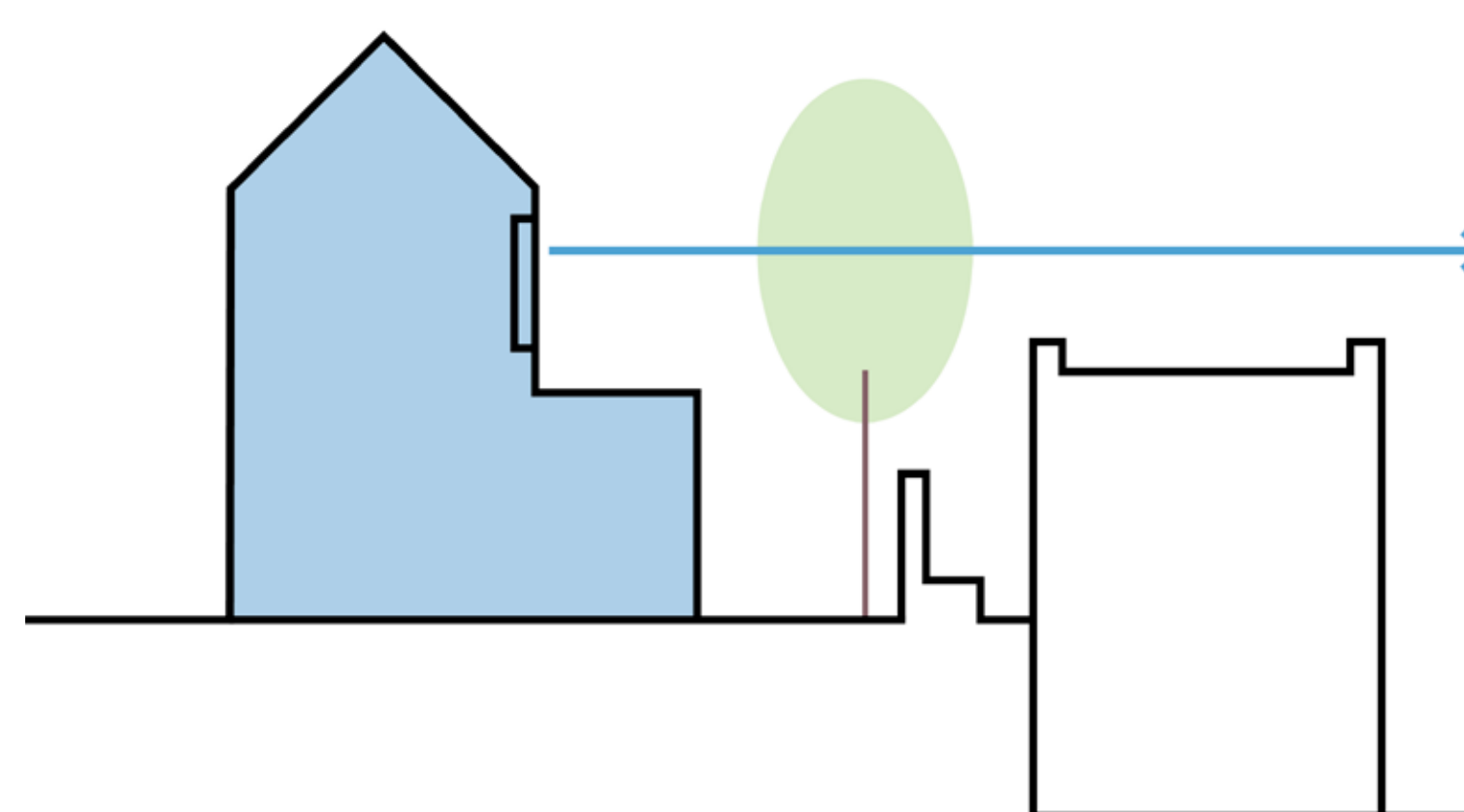
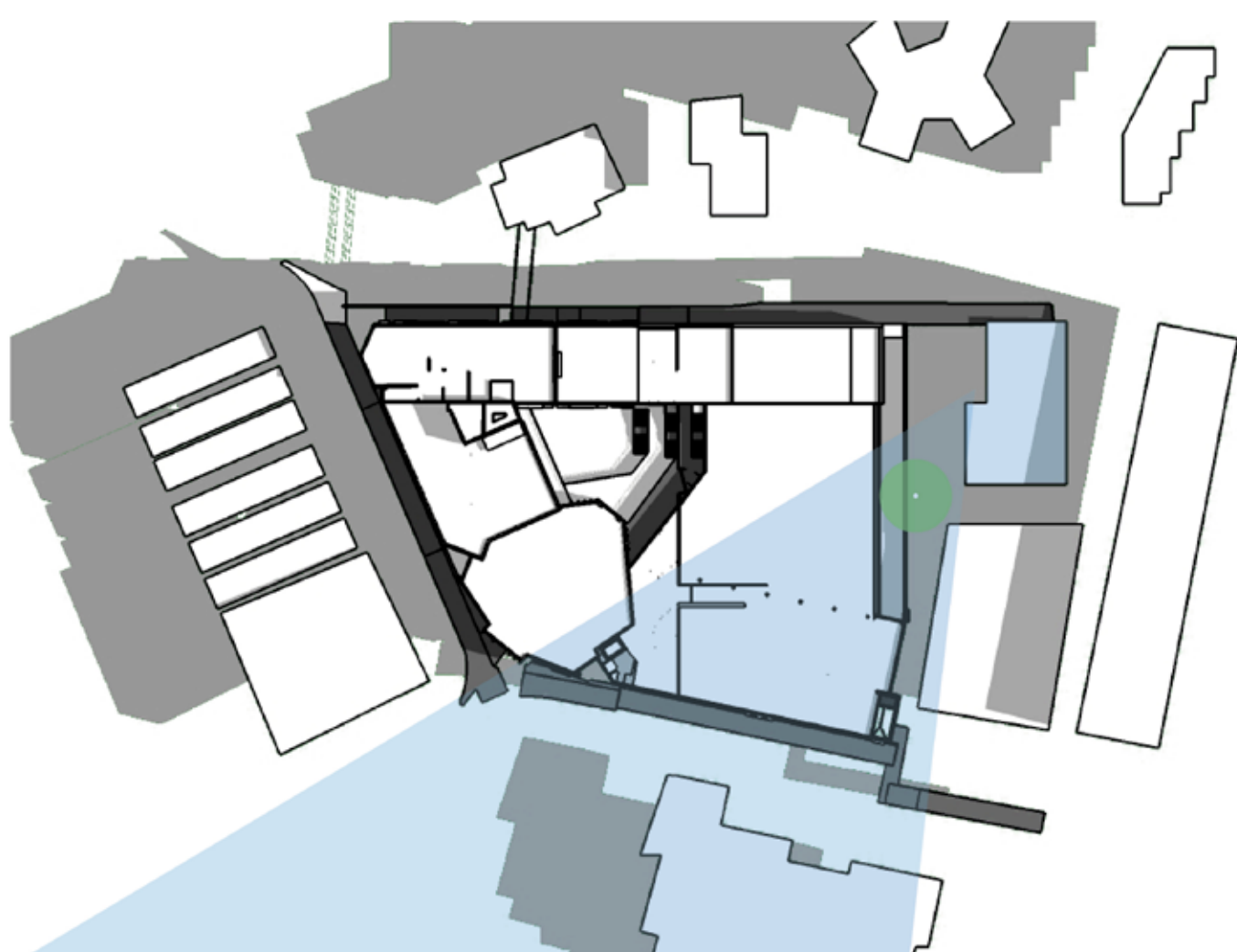
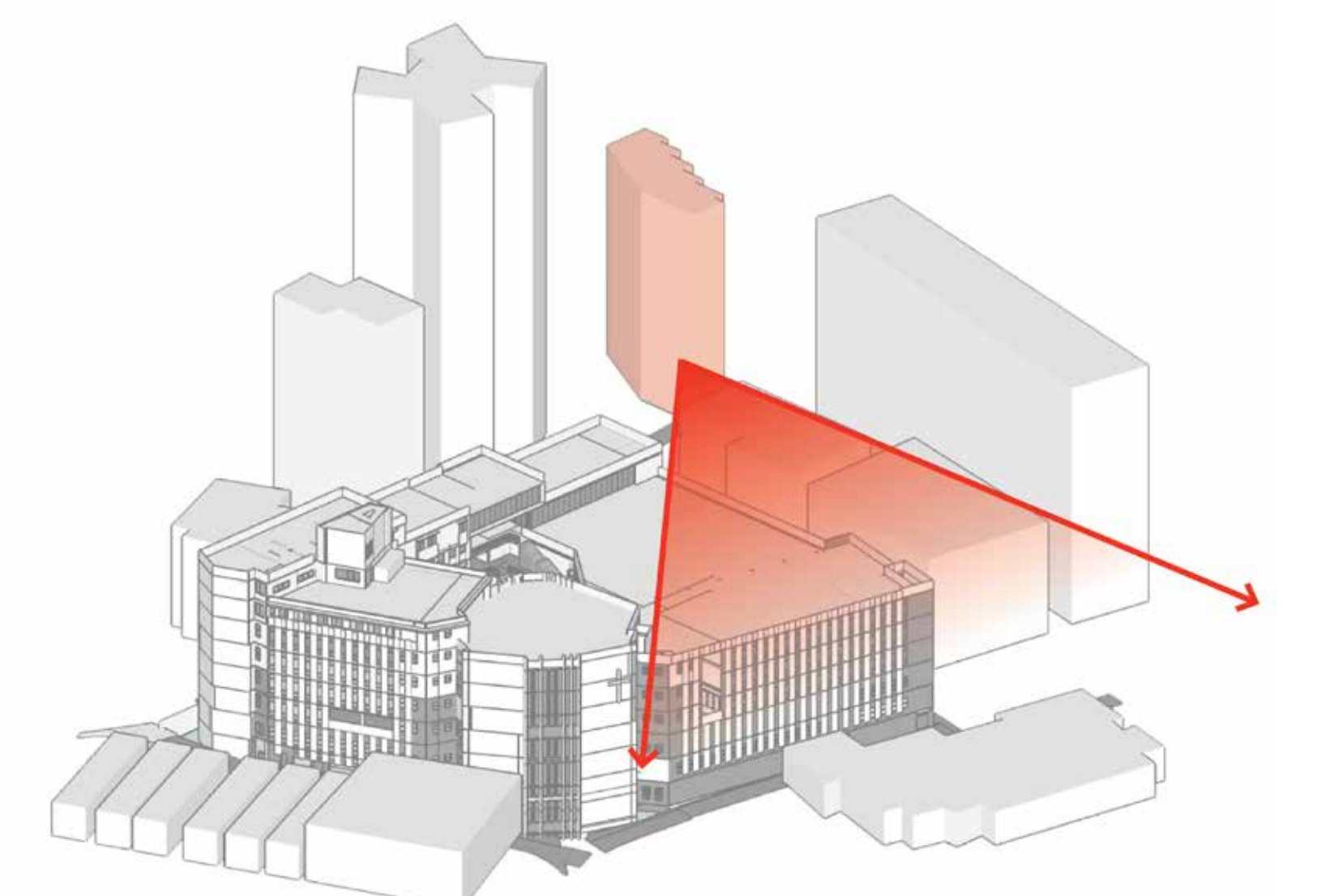
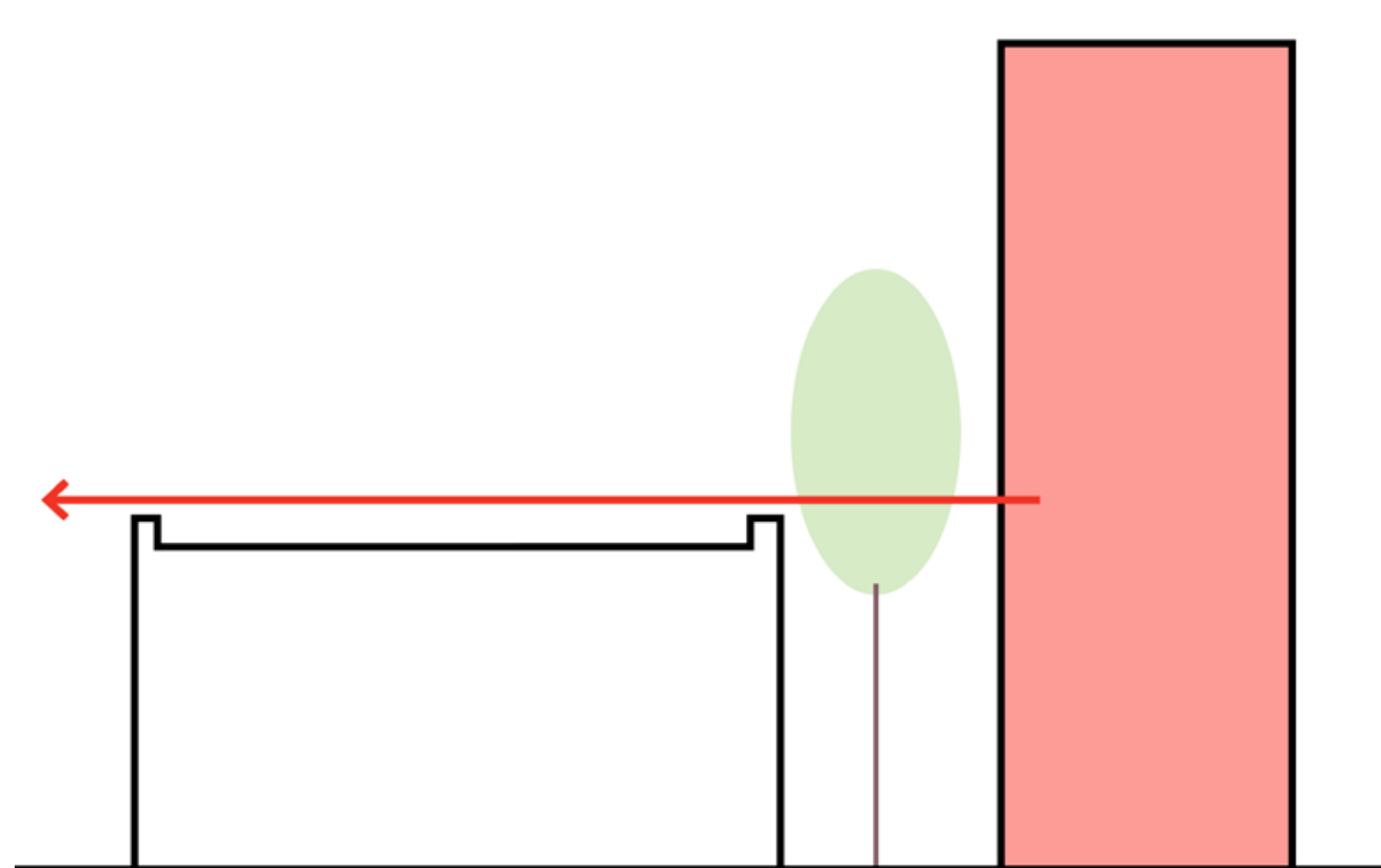
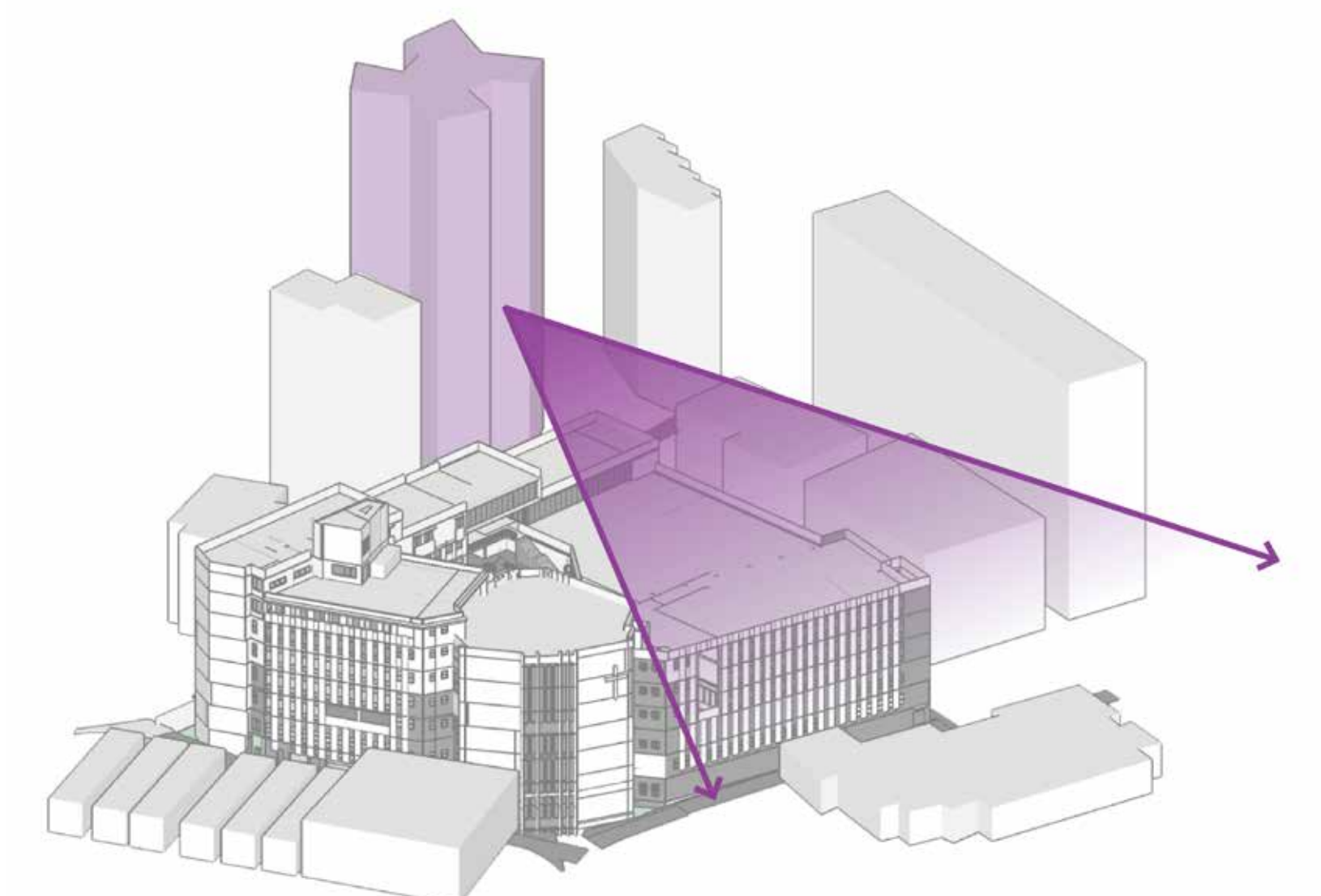
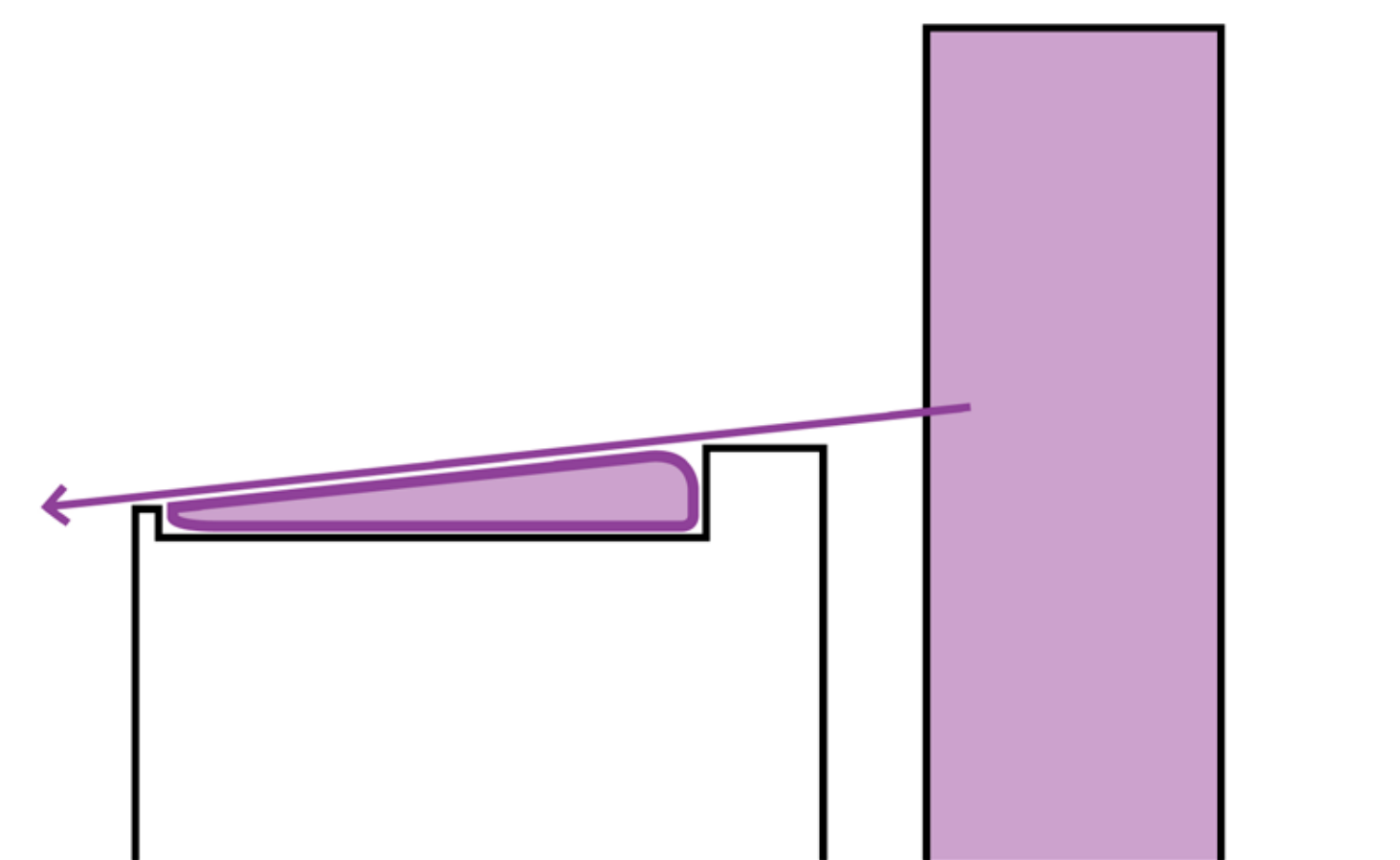
There will be no increase in student numbers as a result of *Plan Magis* and the work does not include any additional car parks.

Therefore there will be no impact on the traffic volume or flow in the neighbourhood and our policies to encourage public transport use by the boys will continue.

A comprehensive management plan will be developed ahead of construction, and the objectives will be to minimise disruption to the College and neighbourhood.

The management plan will seek to coordinate with the construction timetable at Loreto Kirribilli.

IMPACT ASSESSMENT OF UPPER PITT STREET



PLAN

SECTION

PERSPECTIVE

Phase Three: Junior School

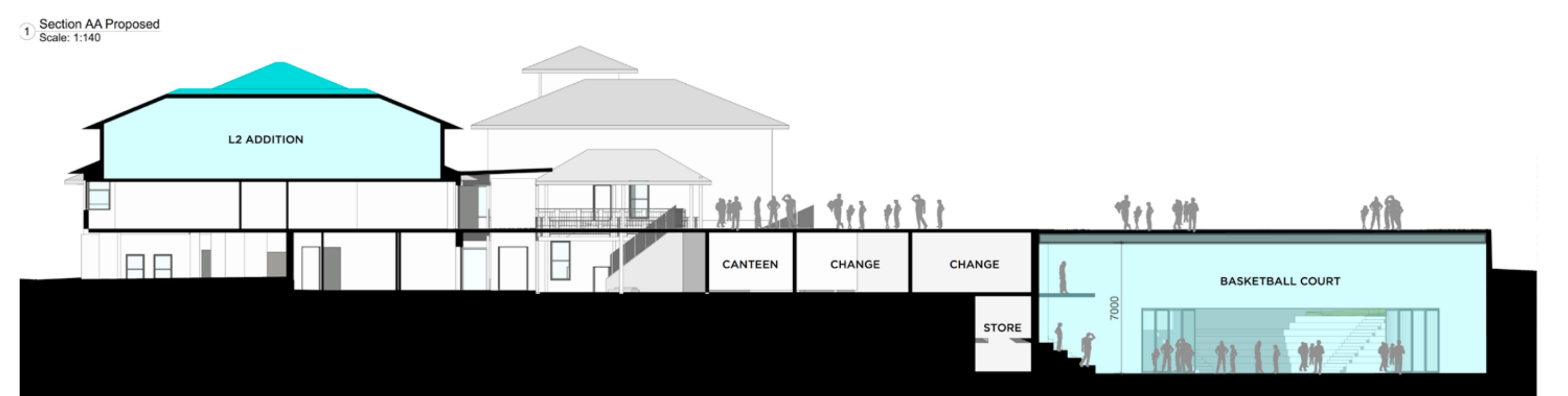
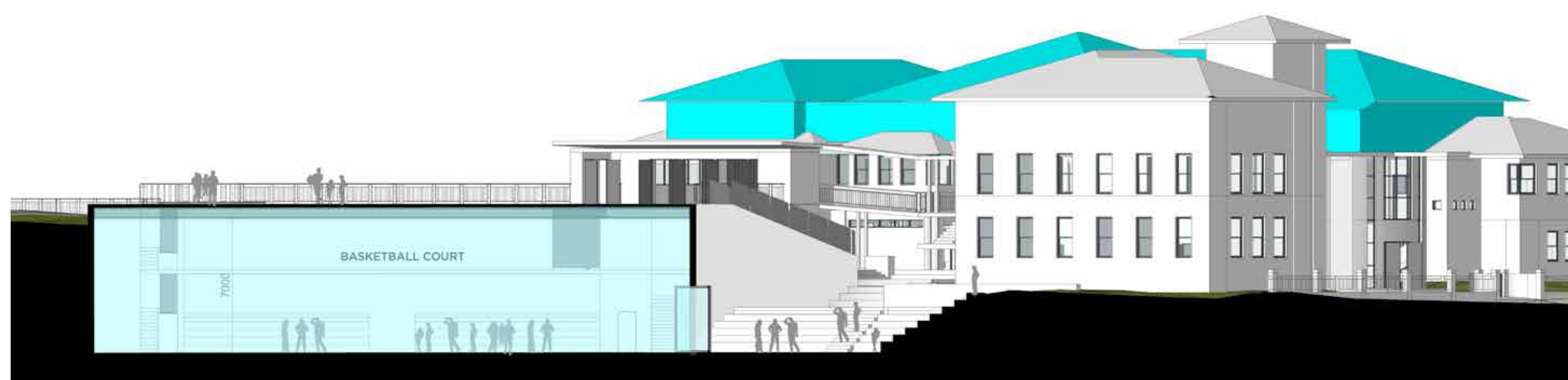
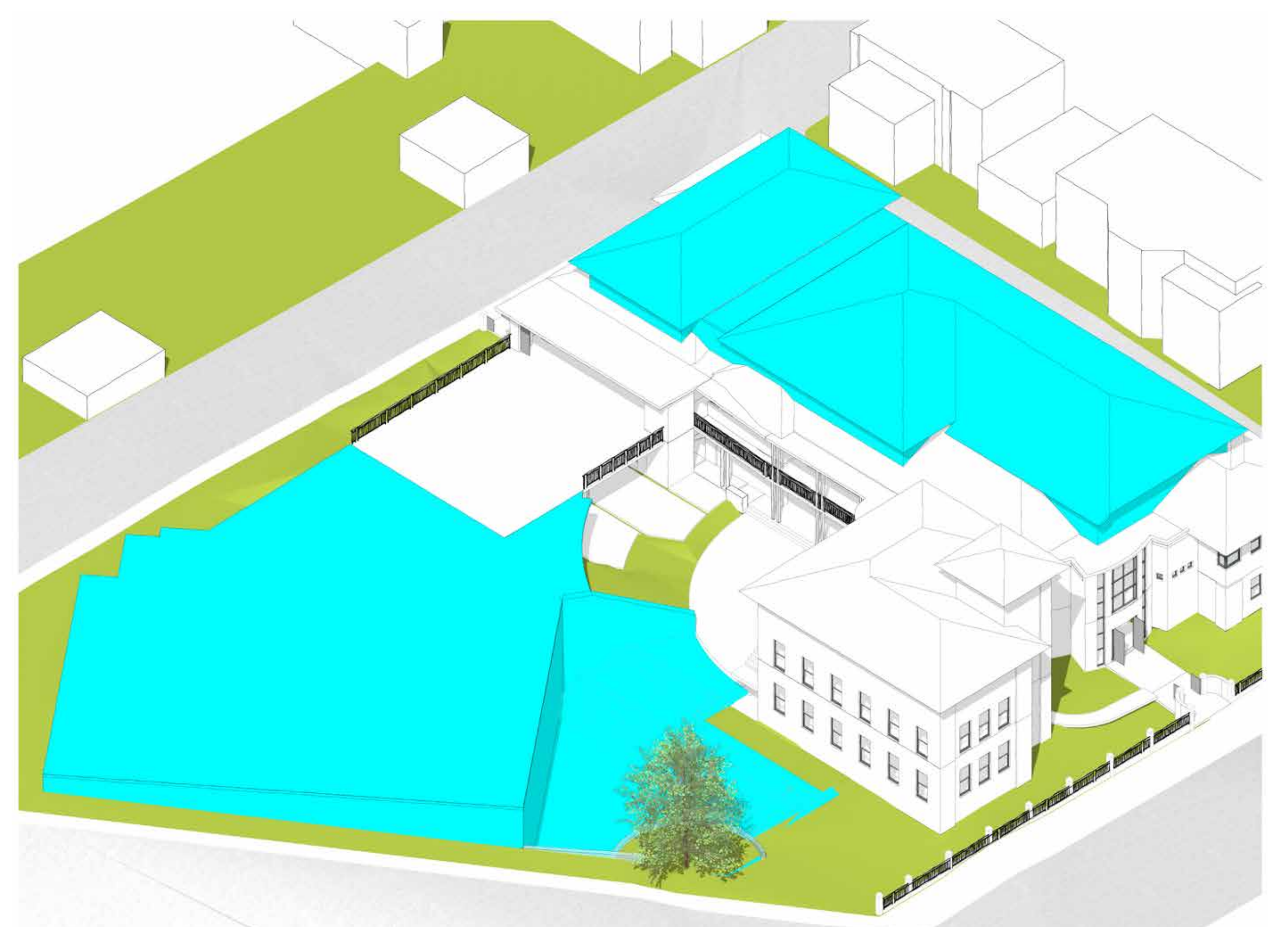
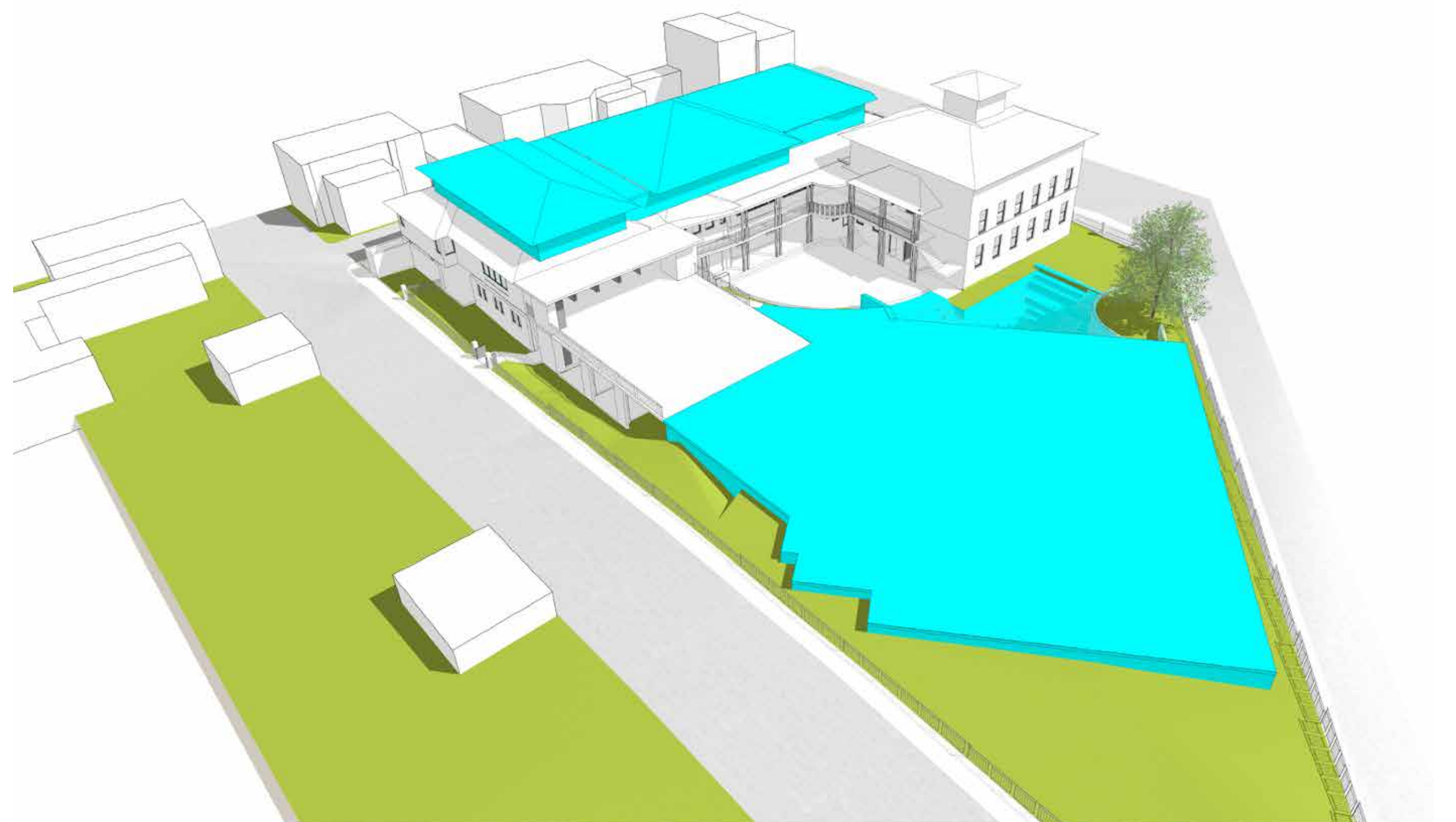
Our concepts create a new subterranean sports facility and associated undercroft area on the corner of Bligh and Crescent Place.

We also propose to extend the main building with an additional storey to the west of the site.

The work is aimed at providing a greater variety of learning settings, consolidating Year Groups, developing a more contemporary library and resource centre, and increasing the common and covered areas.

The concepts are respectful of the heritage nature of the site's main building, the existing schoolhouse, and is complementary in design, scale and the materials selected.

ARTIST'S IMPRESSIONS OF THE BUILDING WORK ON THE JUNIOR SCHOOL CAMPUS – BLUE INDICATES PROPOSED NEW WORK



ARTIST'S IMPRESSIONS OF THE BUILDING WORK ON THE JUNIOR SCHOOL CAMPUS – BLUE INDICATES PROPOSED NEW WORK

Our Prototype Classroom as Inspiration

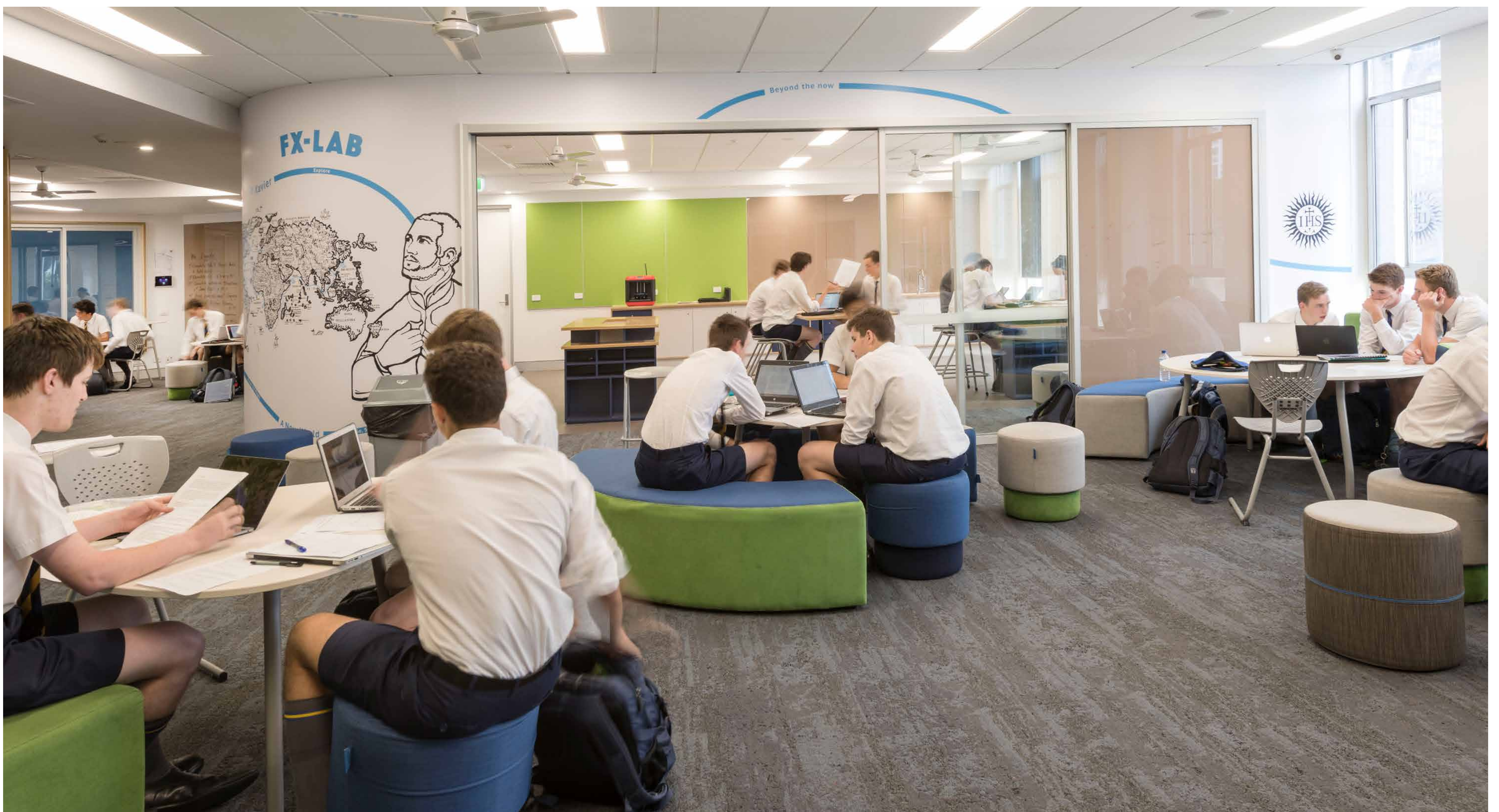
Twelve months ago, the *Saint Francis Xavier SJ Laboratory (FX Lab)* was established as a prototype space.

Designed to inspire a reinvigoration of teaching and learning, the space has since been popular with teachers and students across a wide range of subjects, styles of teaching and learning, and activities.

Not only has it generated great excitement and interest within the College community, but we can now prove what options will have the most powerful impact on engaged learning, student relationships with teachers and classmates, and ultimately academic opportunities and outcomes.

Dr Ben Cleveland from the University of Melbourne has been reviewing our findings which heavily inform the architectural drawings and how we will fit out the areas.

With *Plan Magis* we deliver on our calling to honour our traditions and mission, whilst contemporising our approaches and reinvigorating our practices.



Sustainability of Designs

St Aloysius' College has engaged Environmental Sustainable Design Consultants to achieve a minimum 4 Green Star rating.

ARTIST'S IMPRESSION OF UPPER PITT STREET INTERIOR



Passive Design Features

- Increase glazing performance & Solar Control to reduce energy consumption.
- High performance building fabric in all new building.
- PV Renewable Energy System for onsite electricity generation.
- Natural ventilation.

Low VOC & Formaldehyde Finishes & Materials

Selection of interior fit-out materials based on the impact of their procurement and transportation and not detrimentally affecting indoor air quality and thereby health & wellbeing.

Hybrid HVAC System

- Passive cooling incorporating a range of design initiatives to optimise building passive design and facilitate air movement to provide a comfortable internal environment.
- Mechanically assisted natural ventilation might also be used where necessary.
- In-floor heating for energy and cost efficiencies.

Building Management System

- Data analysis visualisation via analytic and display system to enable automated energy management for the College's Facility Manager.
- Potential for educational data for interactive learning.

High Efficiency Lighting and Controls System

- Application of LED lighting technology to provide energy efficient lighting solutions and reduce maintenance costs to the College.
- Lighting control system to allow integration of automated control for time clock and occupancy sensing.
- Consideration of lighting control provisions within individual spaces.

Water

- Specification of efficient fixtures and fittings will result in reduction in both water and energy consumption associated with hot water generation.



Planning Process

This step-by-step process will occur for every phase of *Plan Magis*.

Finalise the concept designs and lodge the consultation outcomes as part of the State Significant Development Application.

The NSW Department of Planning and Environment will analyse submissions and might require amendments to the application.

Final determination of the planning application.

