

3.0 Proposed Site & Building Developments

3.10 Proposed Floor Plans

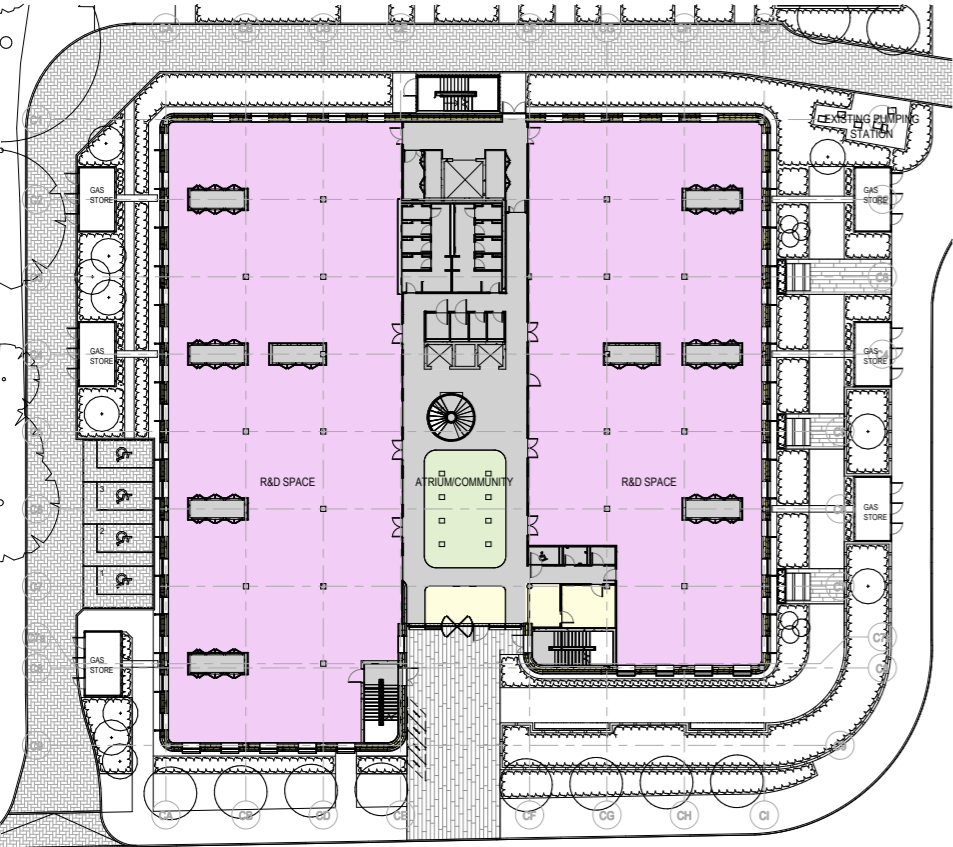
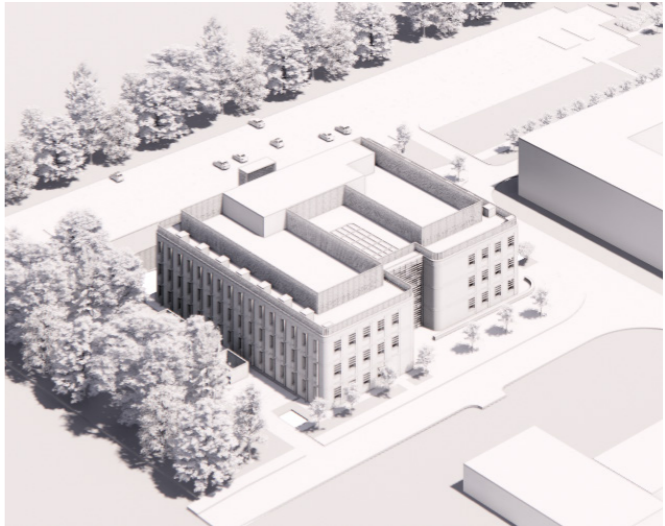
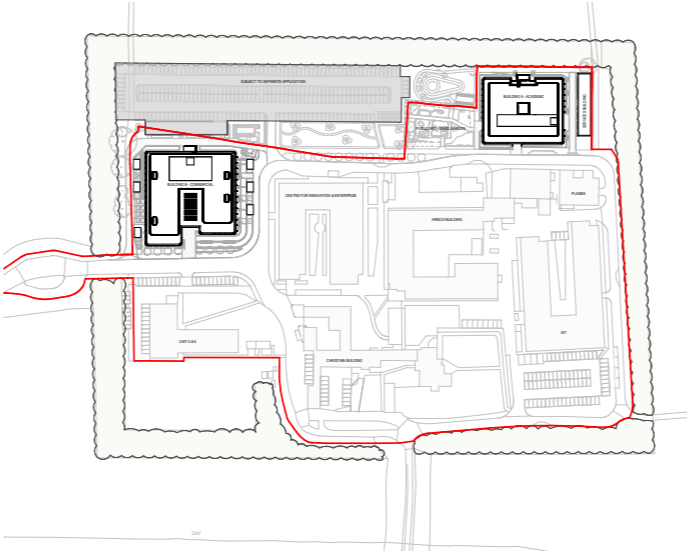
Building B - Commercial Building

The commercial building has been designed to operate as a multi-tenanted building.

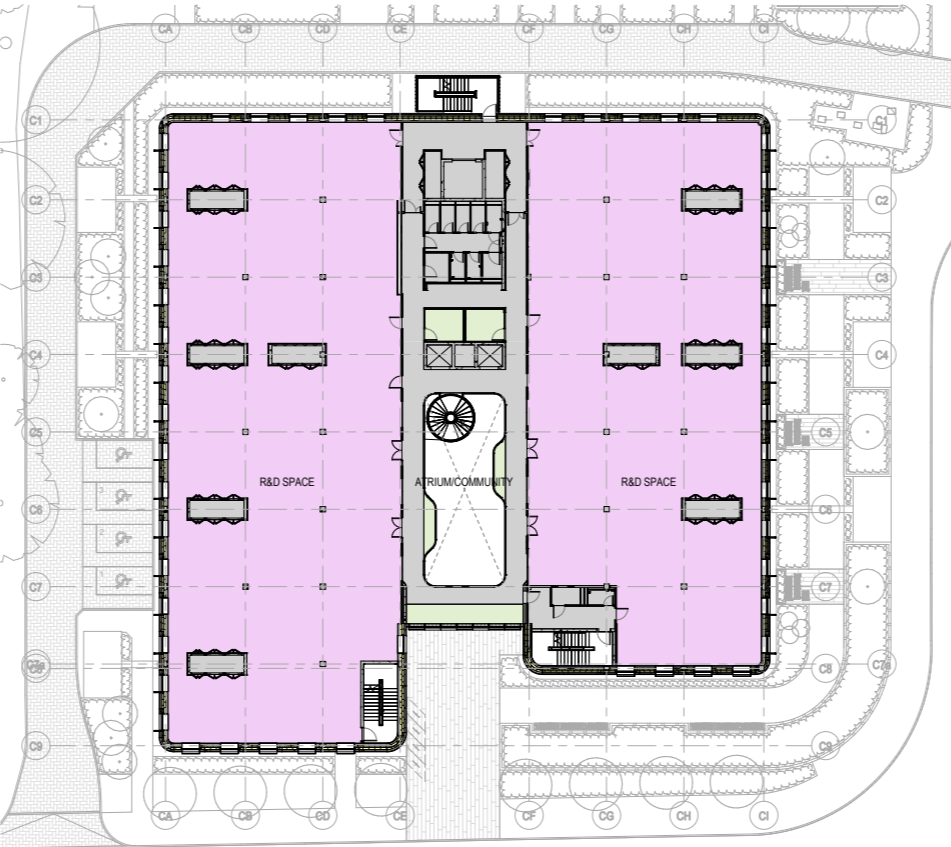
On Ground, First and Second floors, the primary use is intended for tenant laboratory/write-up fit-out (indicated in light pink).

The centre of the building is opened up by the triple height atrium to become a community space for the tenants. The atrium also doubles up as primary circulation in the building and allows natural daylight to penetrate into adjacent tenancies.

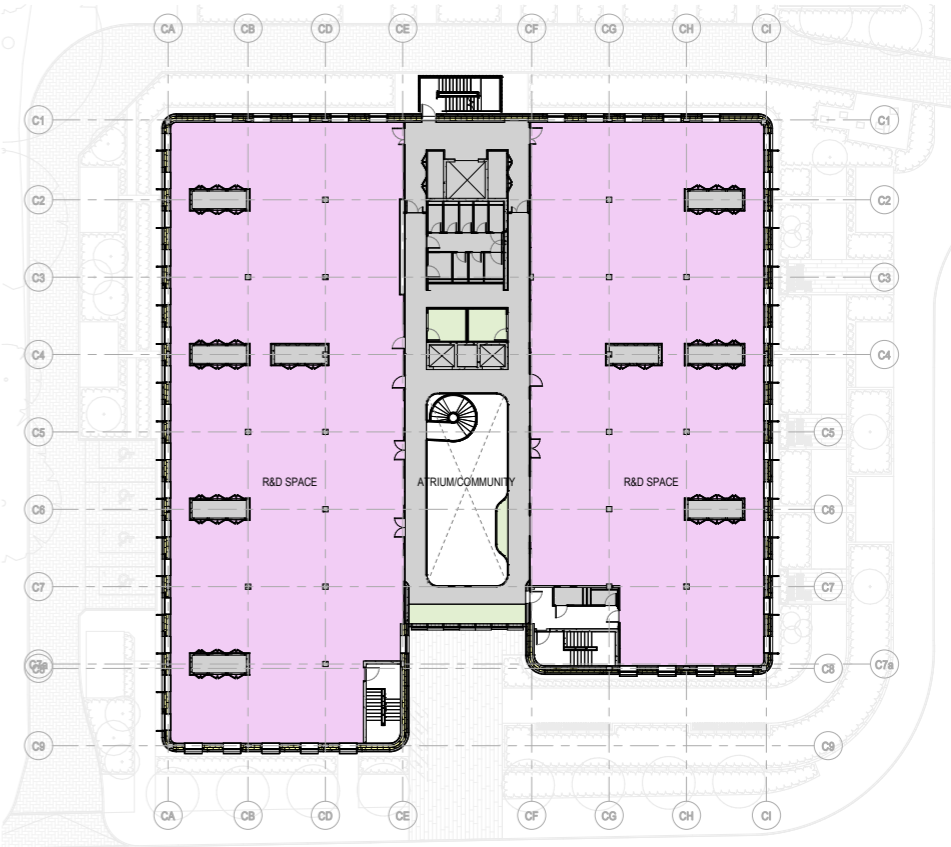
The reception is located on Ground Floor adjacent to the main entrance from the South.



GROUND FLOOR



FIRST FLOOR



SECOND FLOOR

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3.11 Proposed Site Plan

Building A - Academic Building

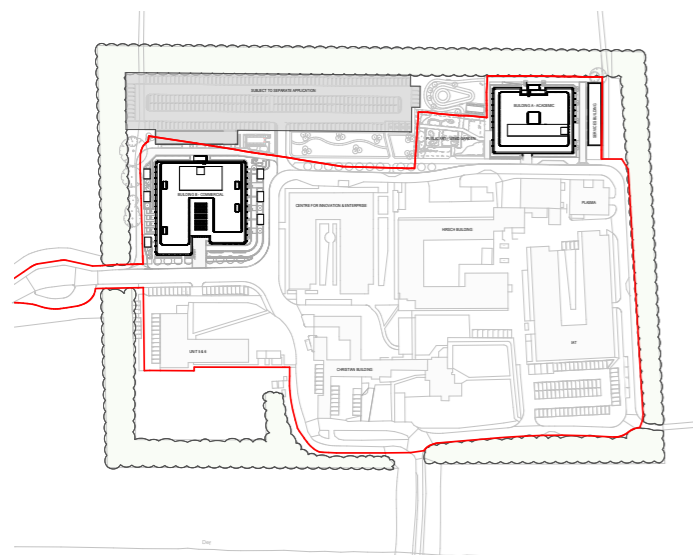
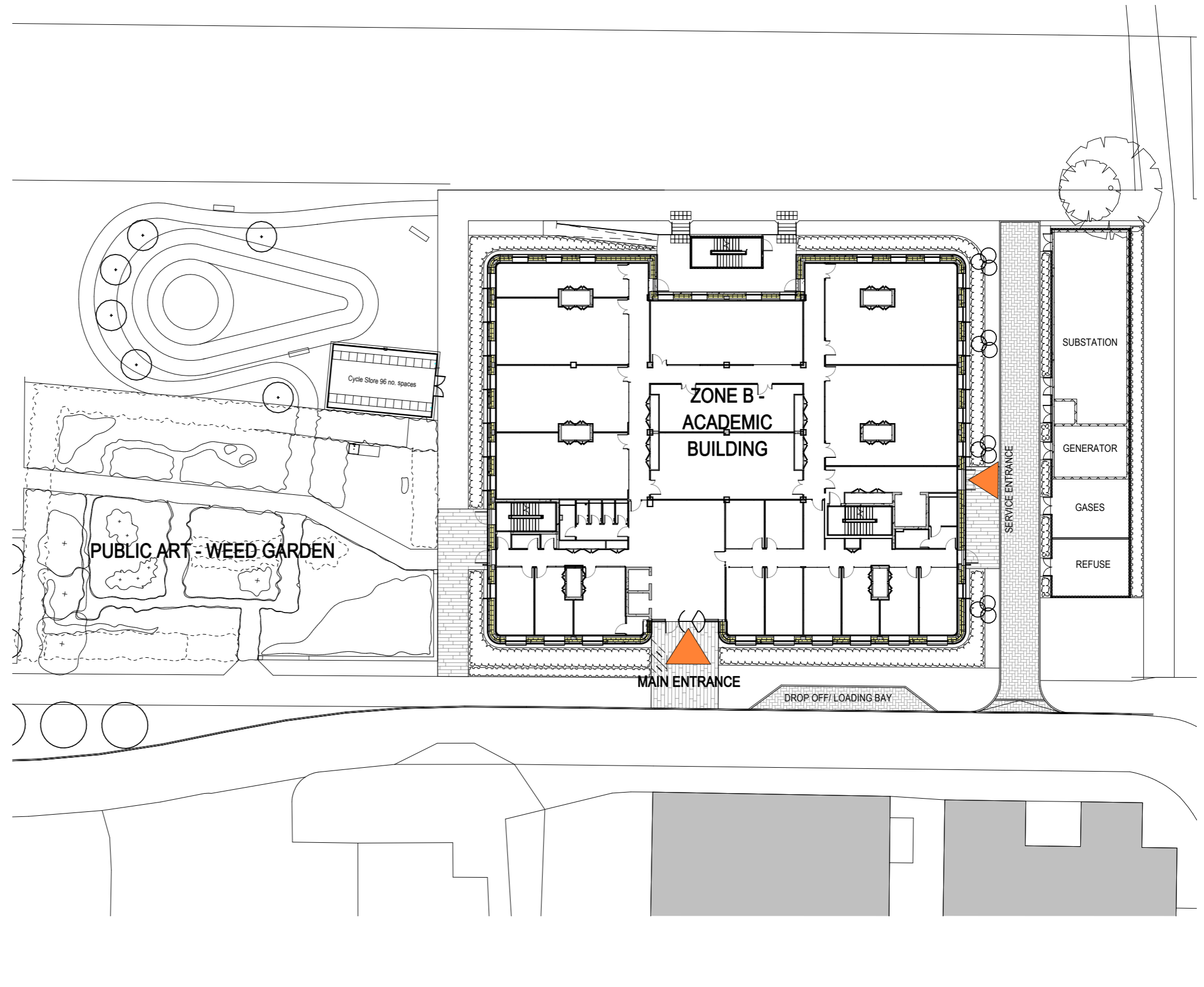
The red line boundary for Zone B in the NE corner of the campus notionally divides the plot into two parts - a smaller parcel of land to the west and a larger main body of development area to the right.

The proposed building is located on the larger part of Zone B to allow the western section to remain undeveloped and instead become part of the public art proposals.

The zone will also house a new secure cycle storage compound sited adjacent to the west facade of the Academic building.

The area adjacent to the Eastern boundary of the development zone is proposed for a service access road and back-of-house facilities such as service yard, sprinkler tank room, gases store and refuse store.

The main entry into the Academic building is proposed from the South as indicated on the plan to the right.

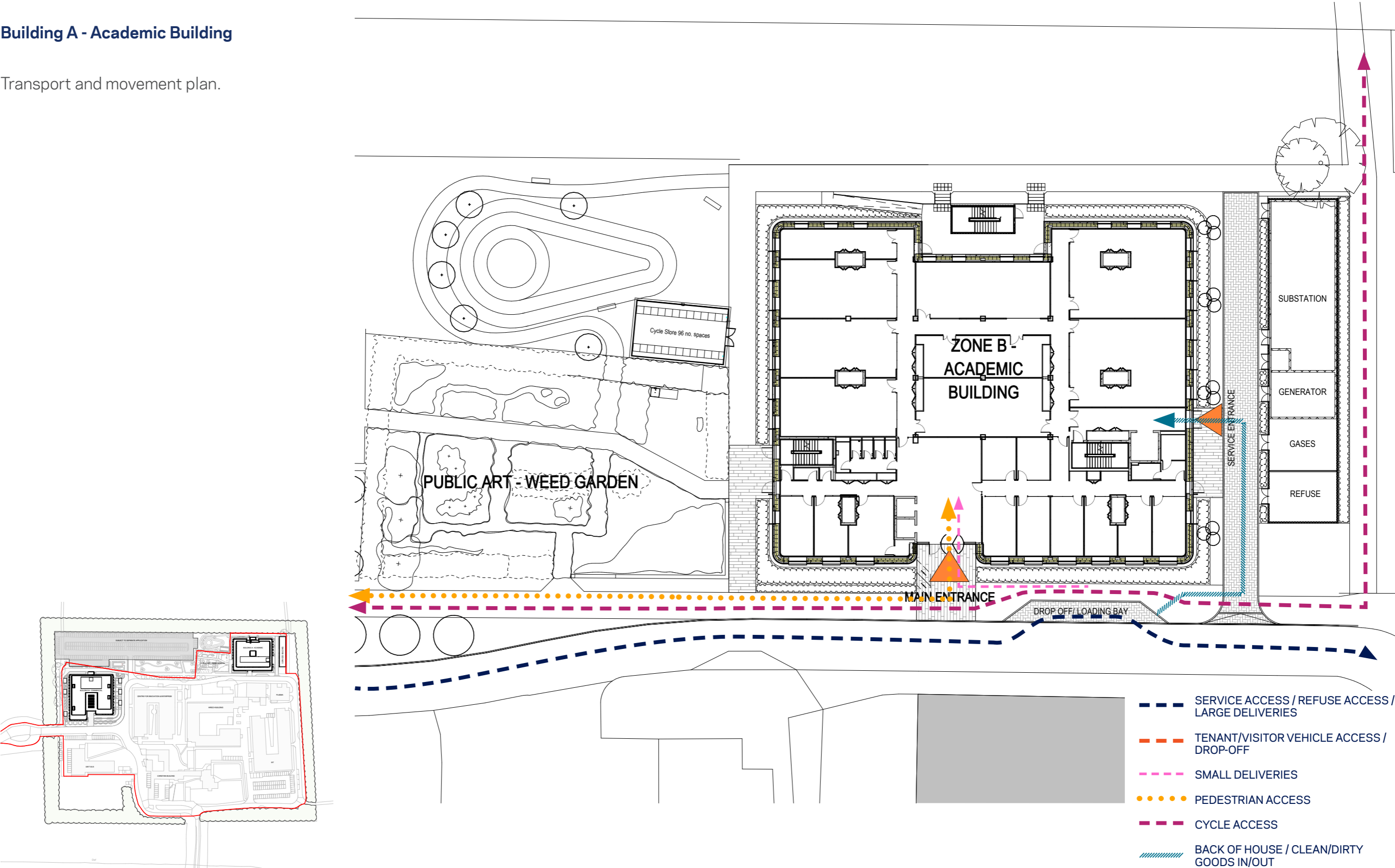


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3.12 Proposed Site Plan

Building A - Academic Building

Transport and movement plan.



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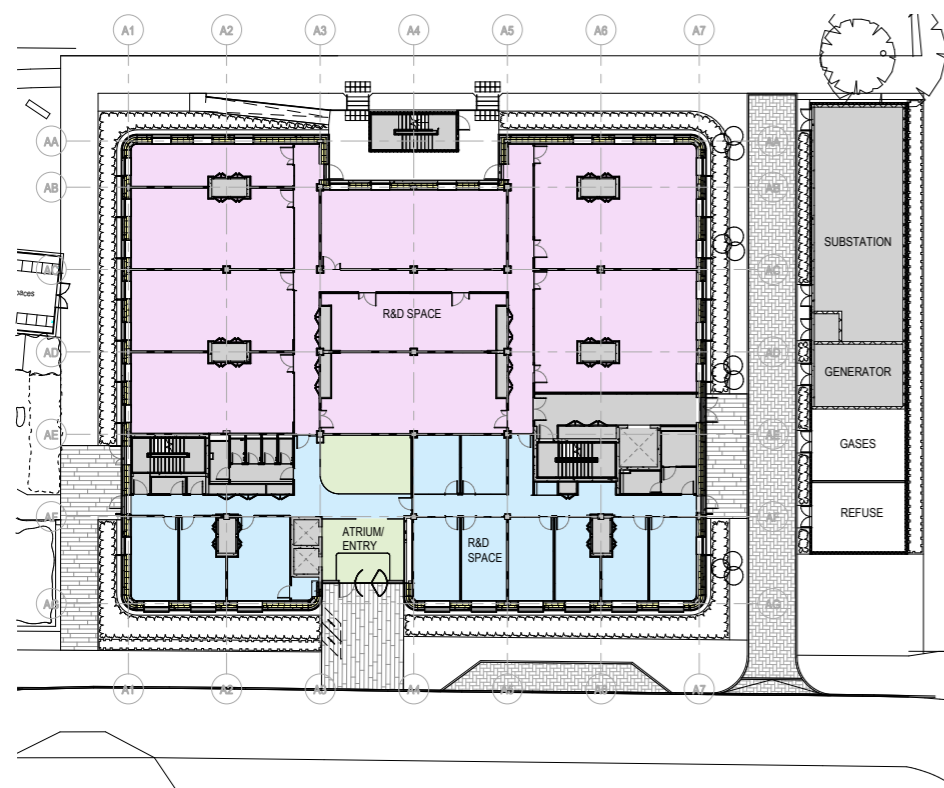
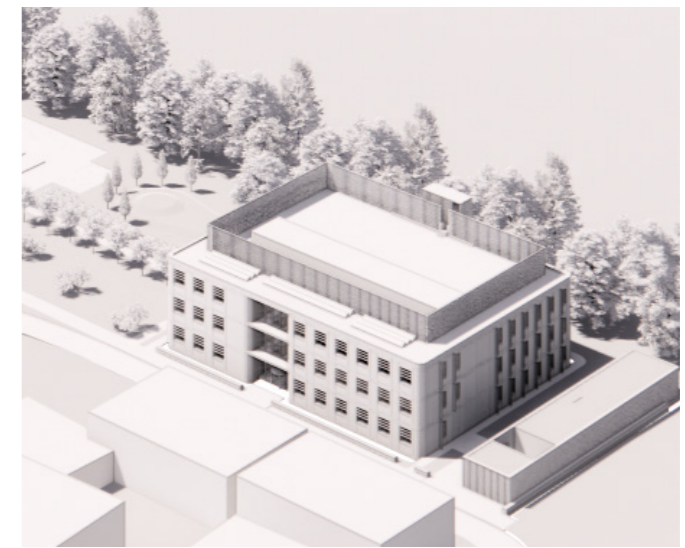
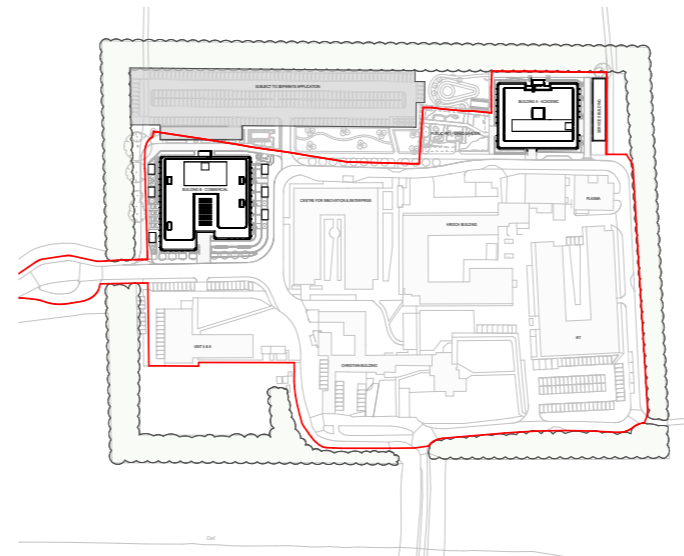
3.13 Proposed Floor Plans

Building A - Academic Building

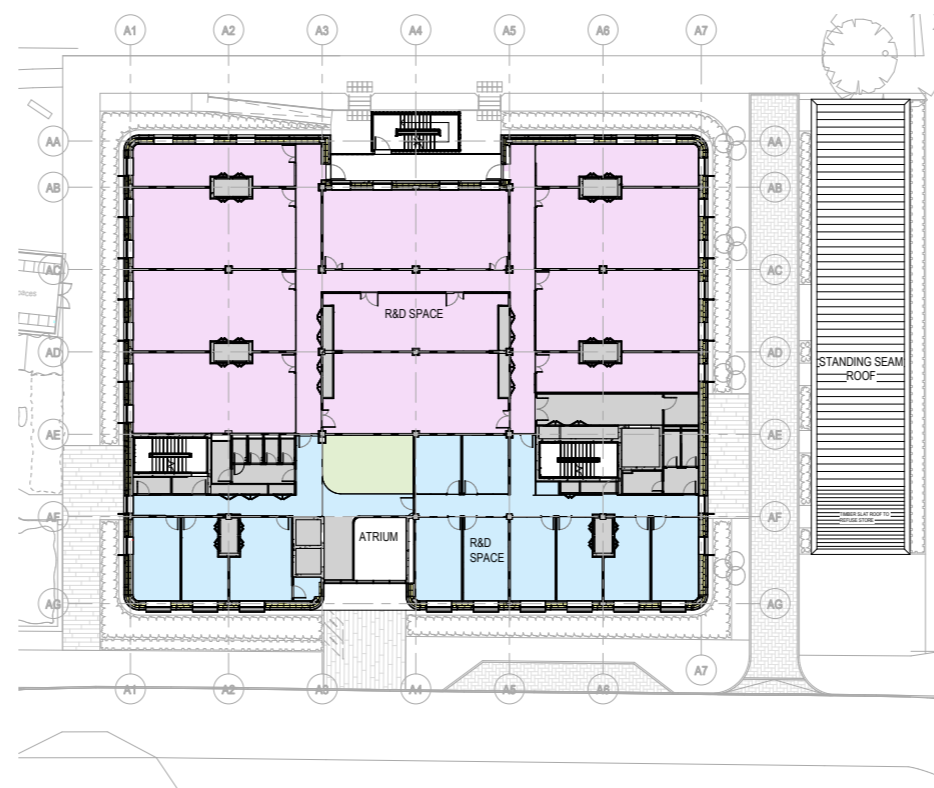
The Academic building is intended to further increase the capacity for academic research space on the campus to support a variety of different research groups.

The majority of the building area will be occupied by wet research laboratories and support laboratories (indicated in pink).

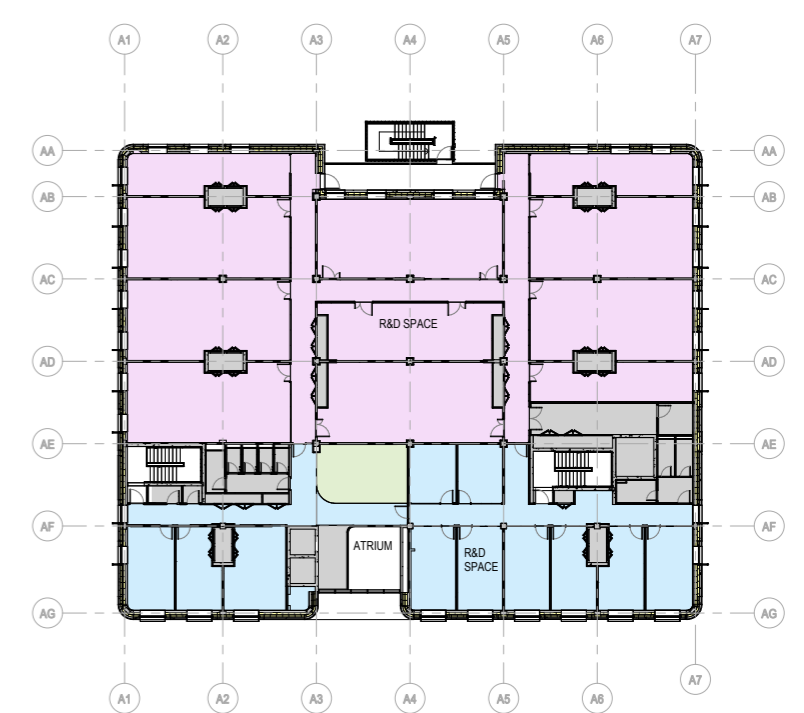
In addition to the wet laboratories there will also be spaces dedicated for write up and/or dry research (indicated in light blue) to support the research activities. These spaces will be designed to be flexible to allow future conversion into wet laboratories should the demand arise.



GROUND FLOOR



FIRST FLOOR



SECOND FLOOR

4.0 Proposed Facade & External Envelope Design

4.0 Proposed Facade Concept Strategy

4.1 Vision - Design Drivers

Designing two new facilities for the Begbroke Science Park provides a great opportunity to set up a “common language” for the future development and to create a connection with the existing development, particularly with the Farm House Building.

The intention for these buildings is to appear as part of the same complex, using the same architectural elements, and creating a new “sense of place”.

For this purpose the proposal shows the repetition of some architectural elements and the adoption of a common module to inform the composition of the façades.

At the same time, within this common language, there is the aim for each building to have its own identity, reflecting their specific functionality.

This will result in varying some of the external envelope elements, utilising different textures in the facade treatment and different finishes/colours in details.



Design precedents



Design precedents



Design precedents



Existing Begbroke Science Park aerial photography

4.2 Context

The other driver for the project is fitting into the context: at the scale of the adjacent buildings as well as at a wider scale, utilising materials and textures to help the new buildings belong to the existing community.

