



architecture + interior design

Extracts from:
Masterplan Study for Redevelopment
of Arthur Phillip High School and
Parramatta Public School
Report

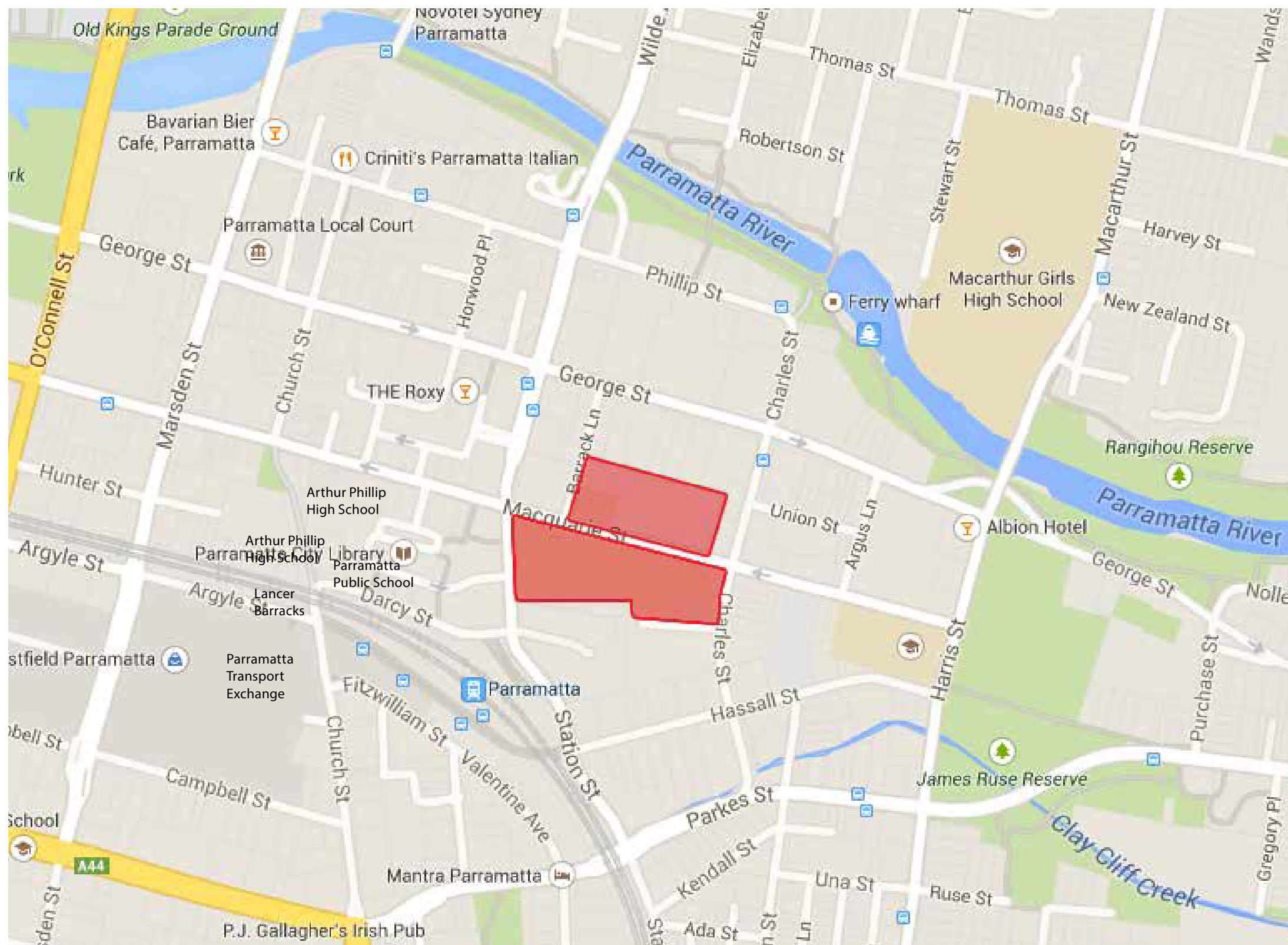
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Image of preferred massing options for both schools - preliminary



Locality Plan



Arthur Phillip High School Sport Fields (north Site)



Parramatta Public School - View looking south-east along Macquarie Street



Diagram 3.1: Site Context Plan

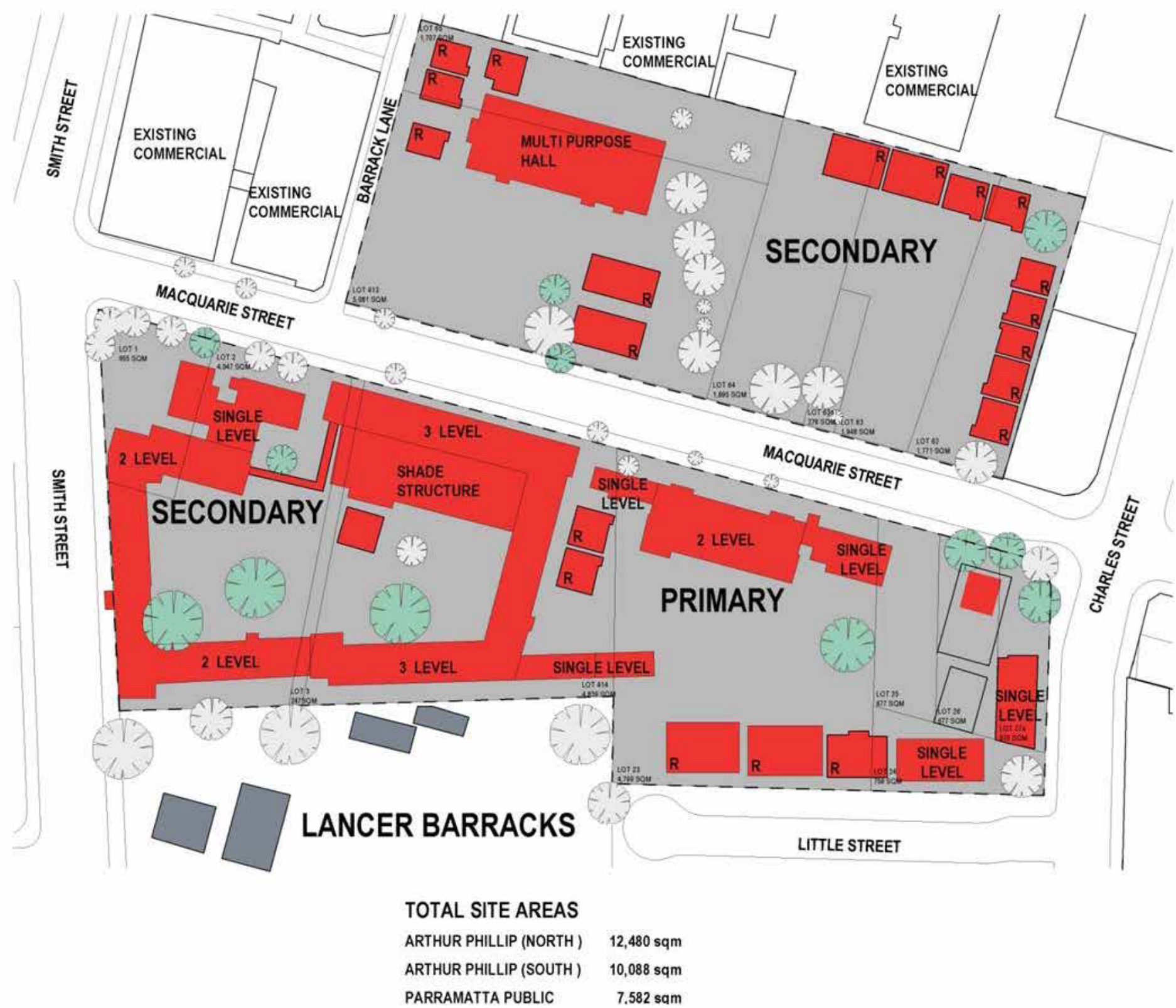


Diagram 3.2: Site Areas



LEGEND

- (E) EXISTING SCHOOL ACCESS POINT
- EXISTING BUS ROUTES
- EXISTING PEDESTRIAN ROUTES
- EXISTING CAR/TRUCK ACCES

Diagram 3.3: Site Access and Transport Routes

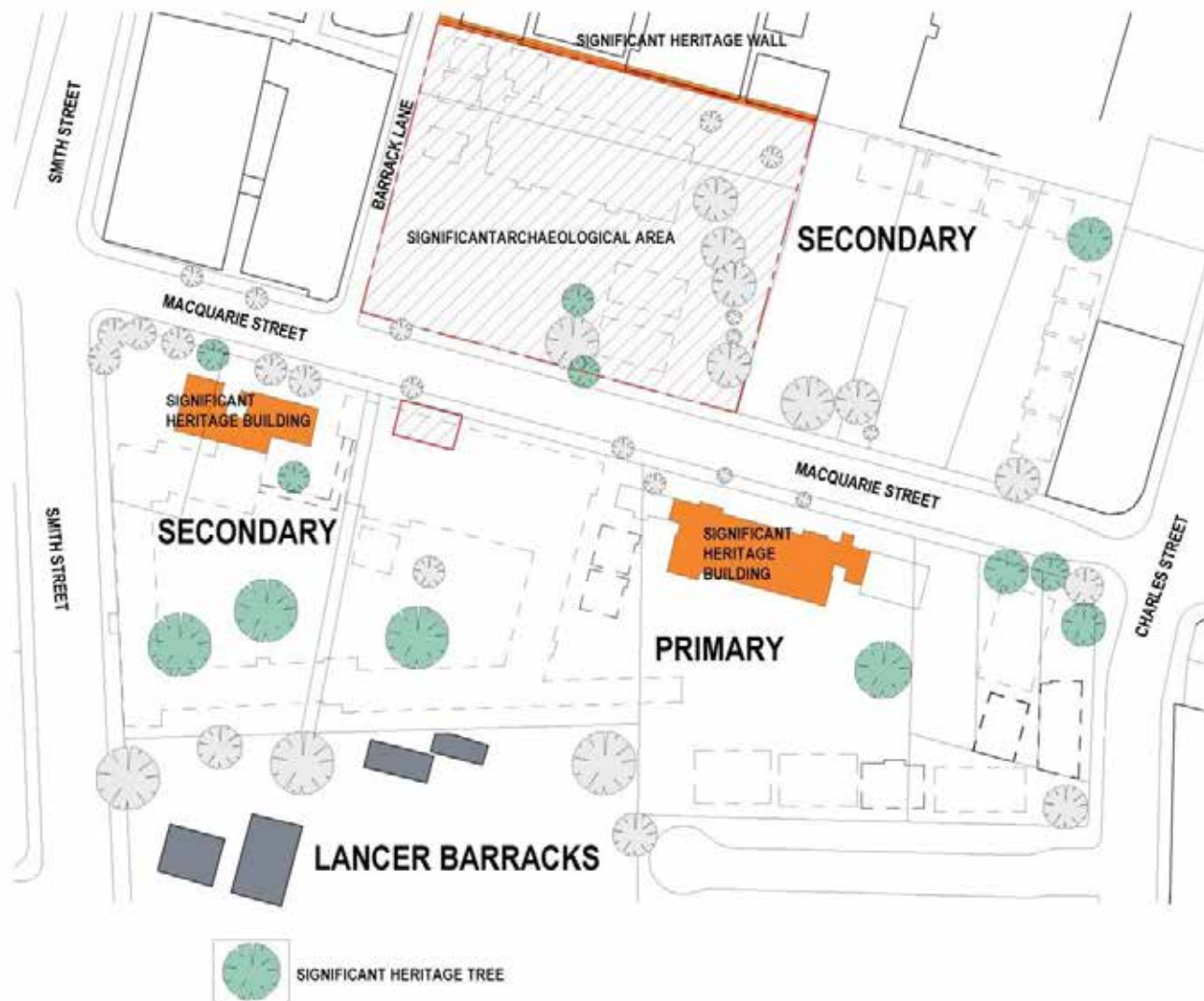


Diagram 3.4: Significant Heritage and Archeological areas

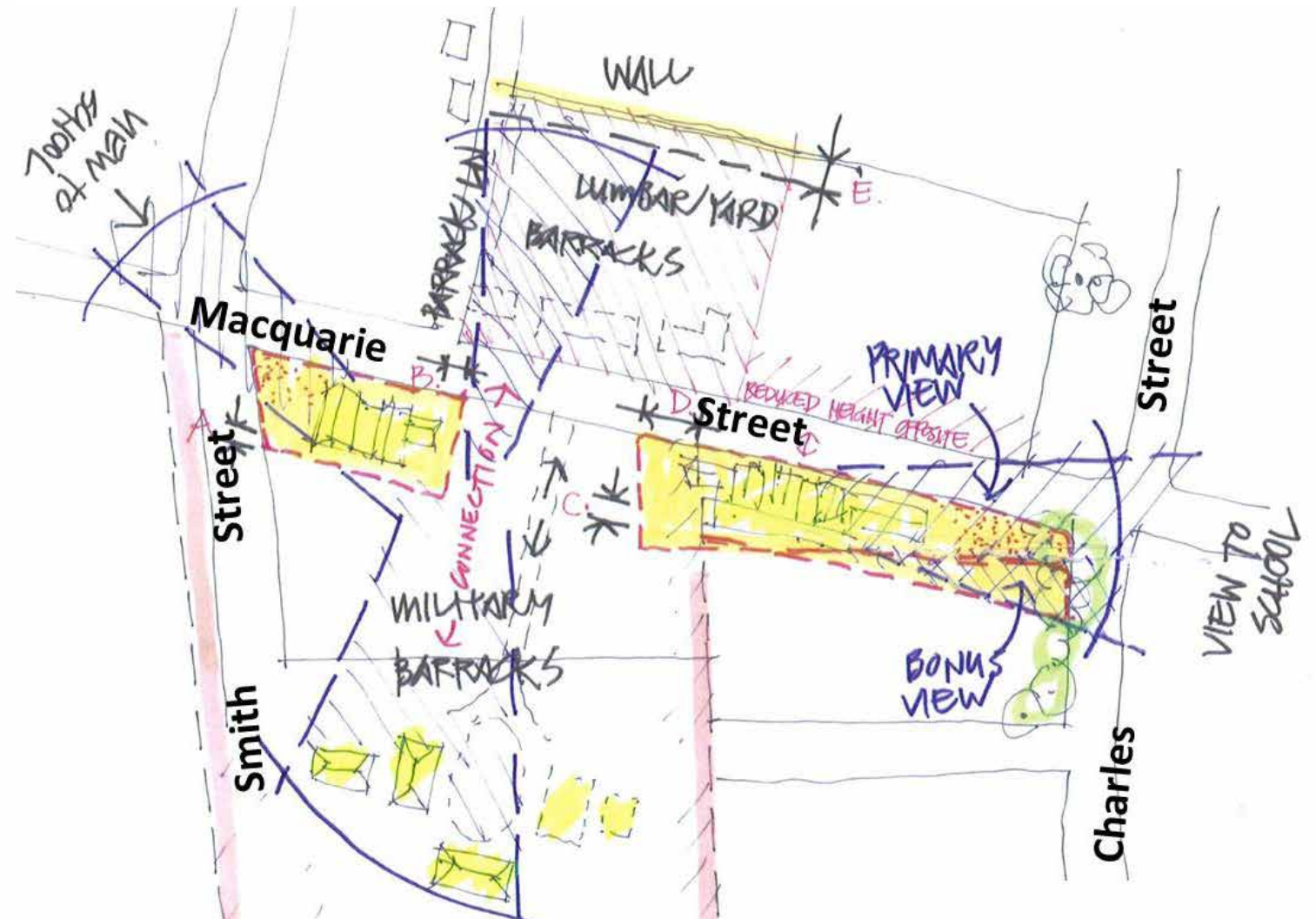


Diagram 3.5: Heritage Curtilage Considerations



View from Parramatta Public School looking north



Internal view - Parramatta Public School - View looking east



View along Macquarie Street looking east



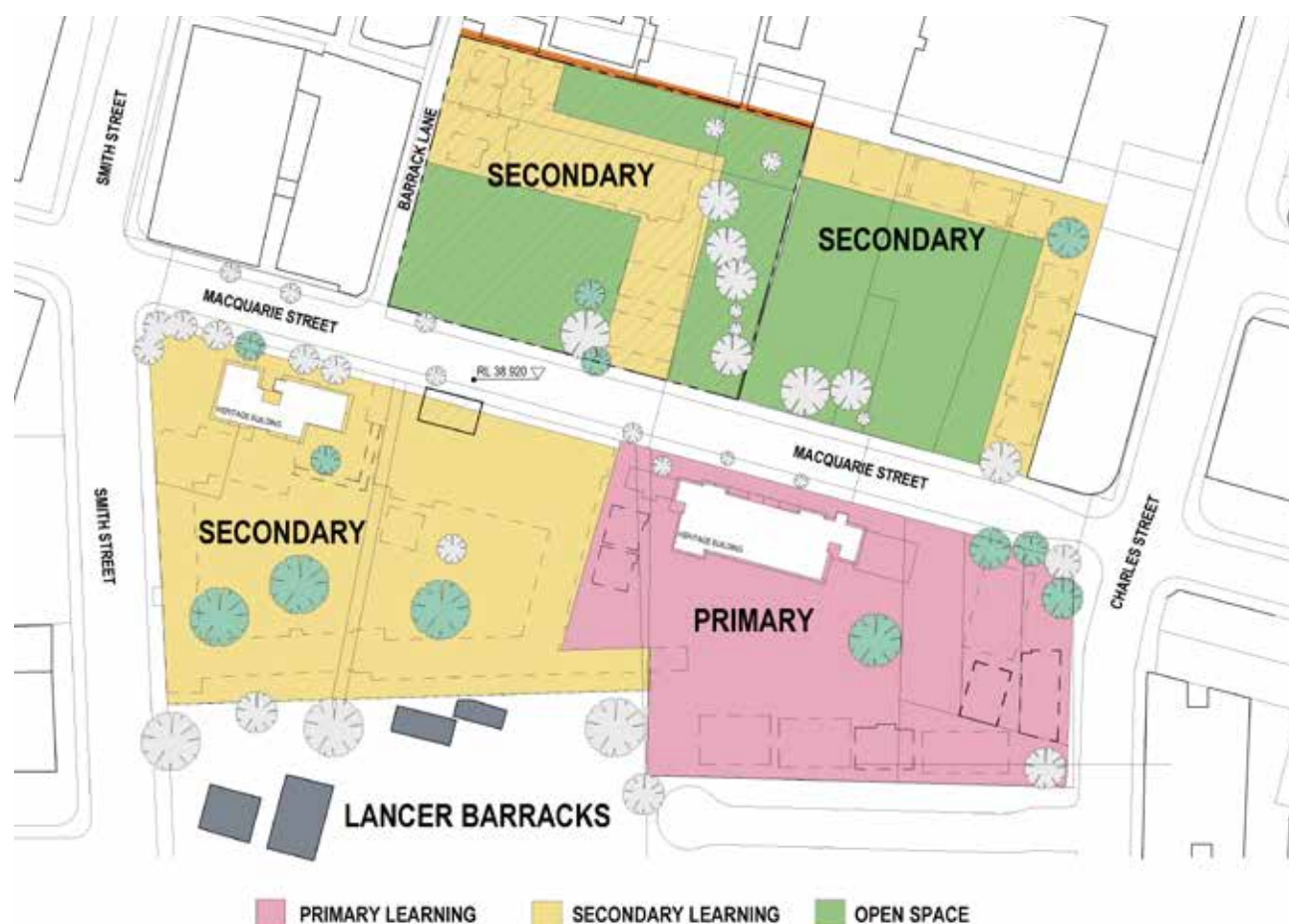
Arthur Phillip High School



Arthur Phillip High School Sport Fields (north site) looking south



View from opposite north-west corner

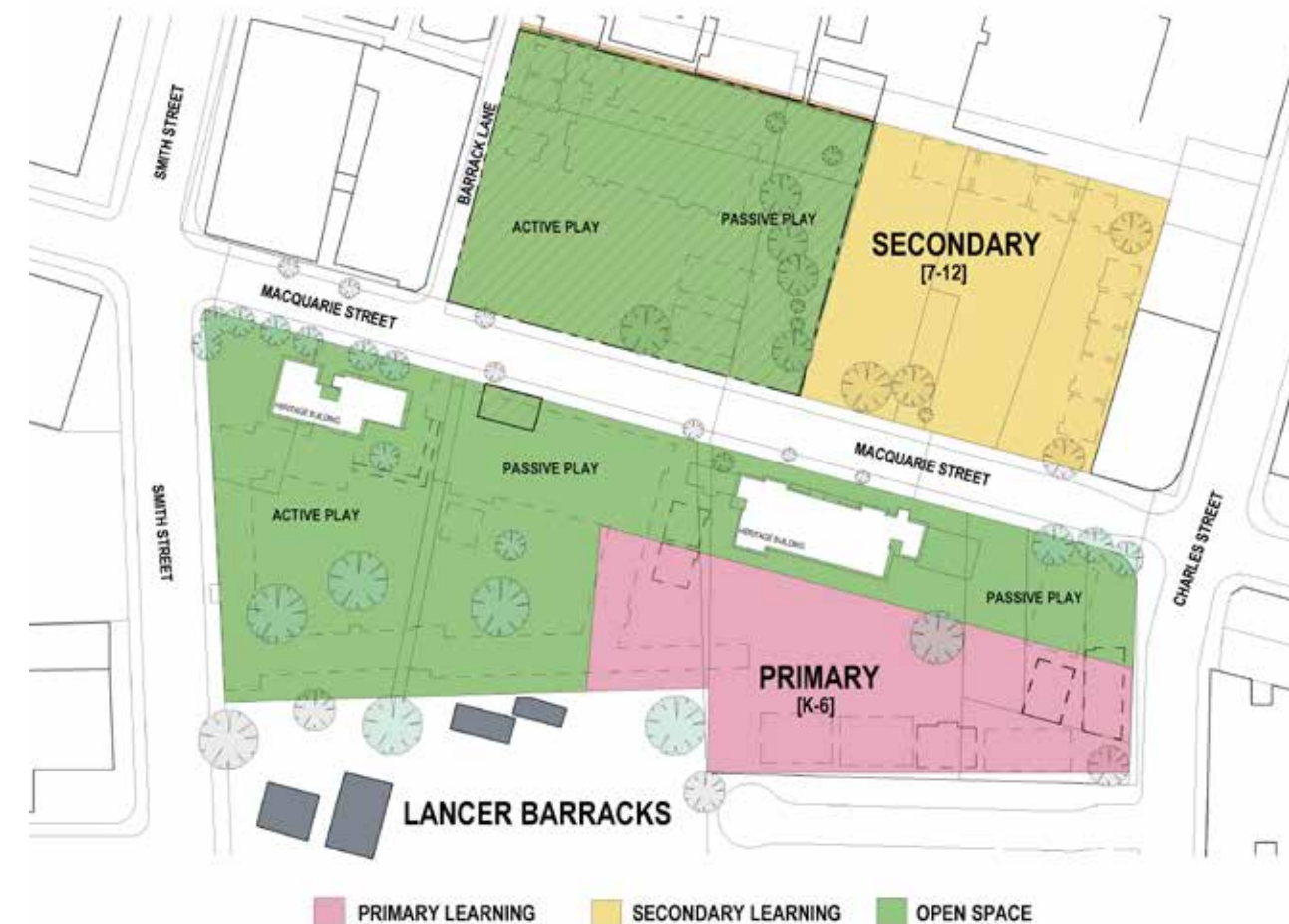


Education Precincts: Existing Conditions

Existing Conditions – Current locations for Parramatta Public School and Arthur Phillip High School

Description

- The existing precinct accommodates the two schools across the two sites.
- Arthur Phillip High School (secondary) is spread across the northern site and the western end of the southern site
- Parramatta Public School (primary) is contained within the eastern end of the southern site
- The final result of the value management process confirmed that the preferred Education precinct option was Option 1a which is:
- Redevelop the Parramatta Public School on the larger southern site and
- Redevelop the Arthur Phillip High School on the northern site



Option 1a: Education Precincts - Preferred Option

Option 1a – Parramatta Public School on southern site and Arthur Phillip High School on northern Site (preferred Option)

Description

- Redevelop the new Primary School on the larger, southern site which is essentially where the existing school is located currently and provide associated passive and active play spaces to the western and eastern sides of any new constructed facilities.
- Redevelop the new High School on the northern site and provide associated passive and active play spaces mainly to the western side of any new constructed facilities.

Advantages

- Additional open space for Primary School as a result of developing the new facility in a multi level arrangement will allow more space for passive and active play.
- High School to be developed as a single contemporary, tall, multi-storey building which contains all the required education spaces in a smaller building footprint.
- Complete separation of schools ensures little, if any, movement across Macquarie Street
- Southern site has more points of access, particularly a new Primary School frontage. Pick up and drop off can be retained in Little Street.
- Allows larger amount of defined open space for High School students

Disadvantages

- Compared to base case (maintaining the existing schools), there are increased capital costs associated with this option.
- There will may be some opposition to both school developments.
- Major disruption to both schools during construction period. This may occur at separate times or simultaneously depending on the project procurement method



Option 1b: Education Precincts

Option 1b – Parramatta Public School on northern site and Arthur Phillip High School on southern site (2 locations)

Description

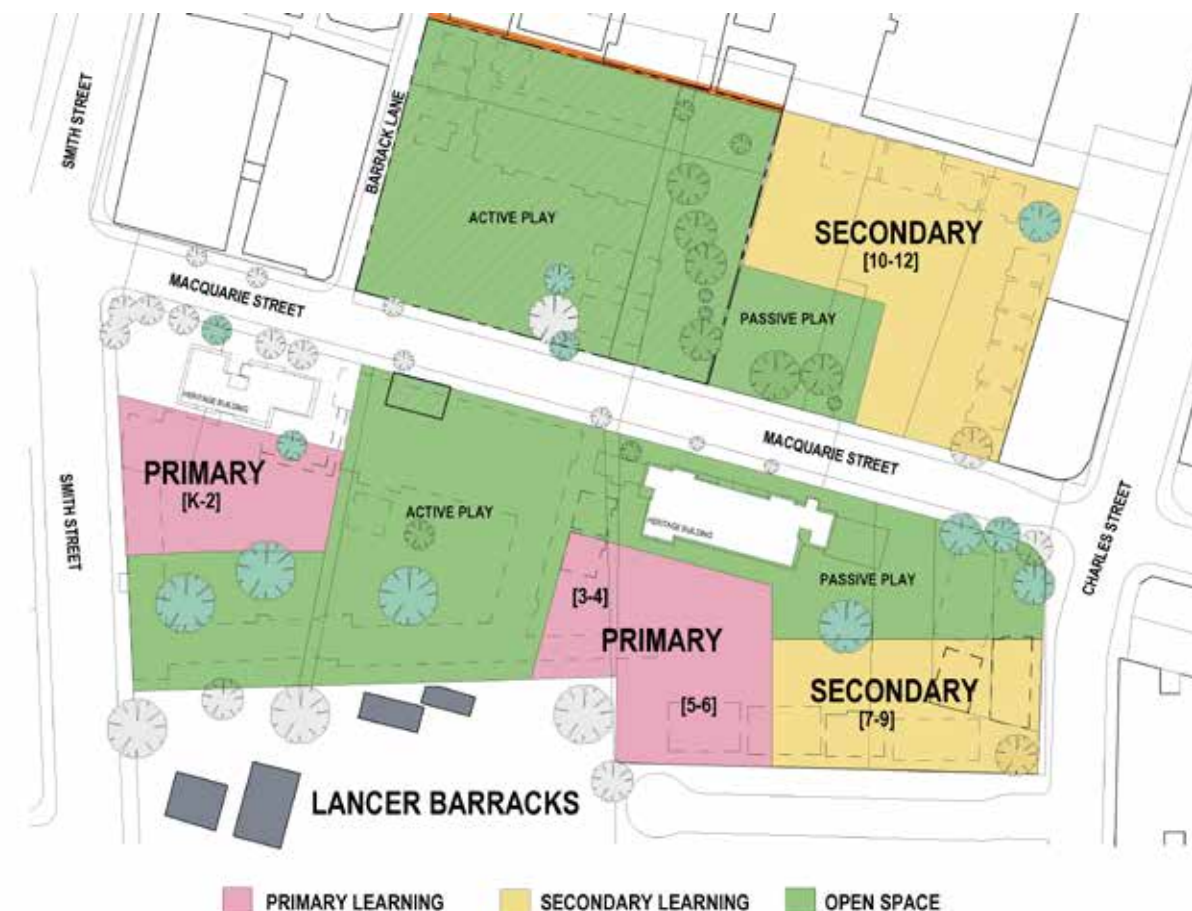
- Redevelop the new Primary School on the northern site and provide associated passive and active play spaces mainly to the western side of any new constructed facilities.
- Redevelop the new High School on the larger, southern site which is essentially where the existing school is currently located and provide associated passive and active play spaces to the western and eastern sides of any new constructed facilities. Develop two separate buildings for distinct learning Cohorts

Advantages

- As a result of developing the new multi level arrangement, there will be more open available for passive and active play.
- High School to be developed as a single contemporary, tall, multi-storey building which contains the required education spaces in a smaller building footprint.
- Potential separation of learning cohorts for High School
- Complete separation of schools ensures little, if any, movement across Macquarie Street
- Allows larger amount of defined open space for Primary School students

Disadvantages

- Higher cost to develop two separate High School buildings.
- Potential increased opposition to High School multi-storey school due to proximity to Lancer Barracks
- More disruption (than 1a) to schools during construction period due to new High School being developed over two existing sites.
- Loss of pick up and drop off location at Little Street.



Option 2: Education Precincts

Option 2 – Parramatta Public School on southern site (two locations) and Arthur Phillip High School on northern site

Description

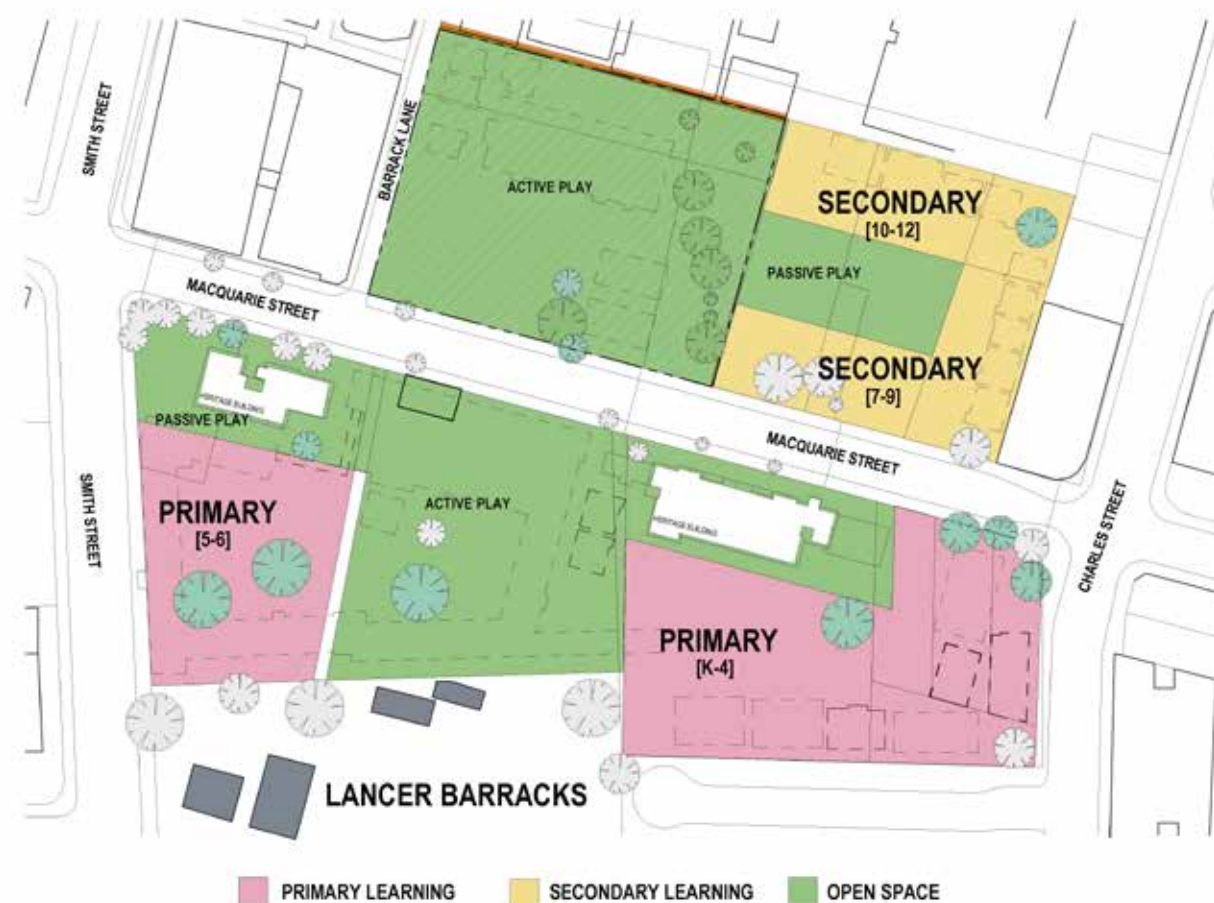
- Redevelop the new Primary School on the larger, southern site which is essentially where the existing school is located currently and provide associated passive and active play spaces to the western and eastern sides of any new constructed facilities. Develop two separate buildings for distinct learning Cohorts.
- Redevelop the new High School on the northern site and associated passive and active play spaces mainly to the western side of any new constructed facilities as well as the southern site and provide associated passive and active play spaces mainly to the eastern side of any new constructed facilities.

Advantages

- High School to be developed as a single contemporary, tall, multi-storey building which contains the required education spaces in a smaller building footprint.
- Separation of learning cohorts for Primary School
- Complete separation of schools ensures little, if any, movement across Macquarie Street
- Allows larger amount of defined open space for High School students

Disadvantages

- Higher cost to develop two separate Primary and High School buildings.
- Less open space for Primary School due to the inclusion of part of the High School.



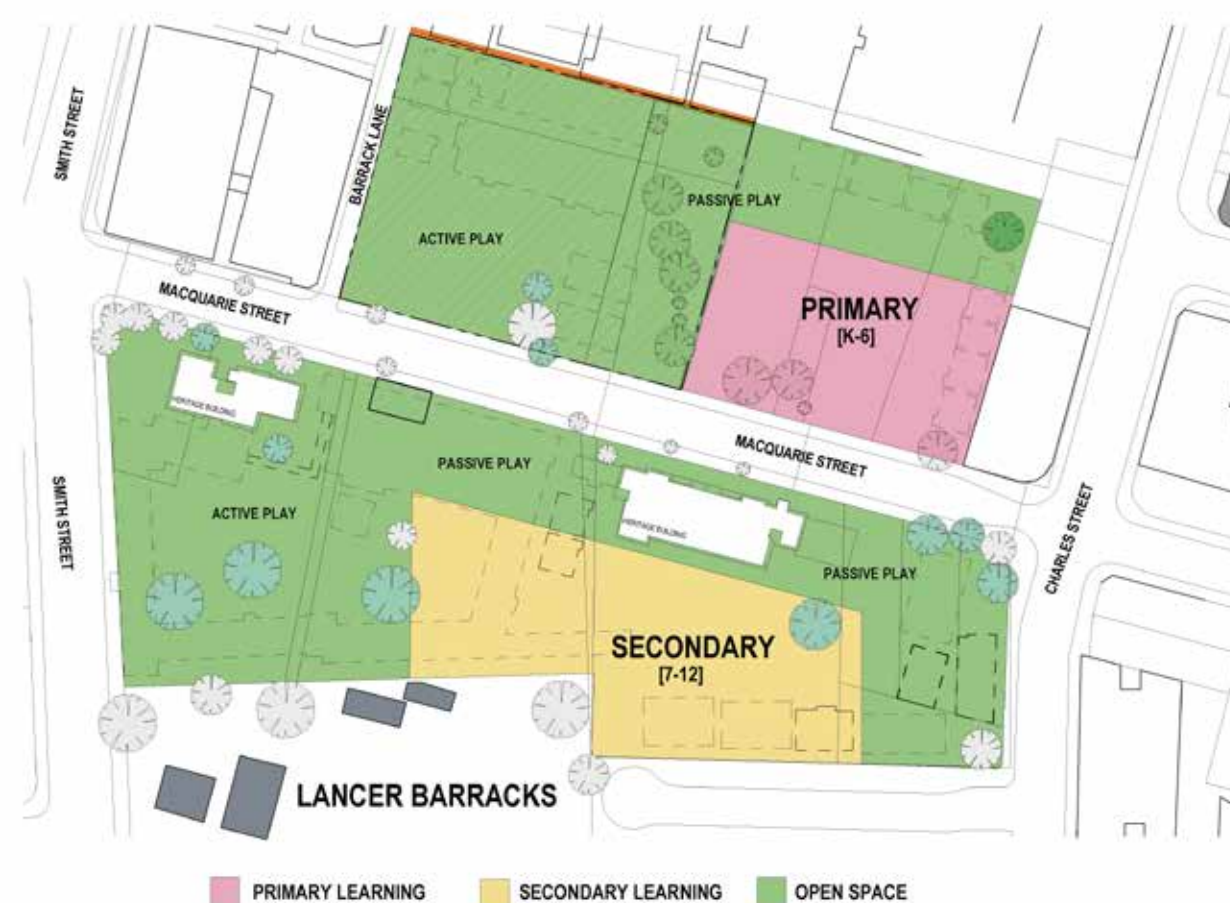
Option 3: Education Precincts

Option 3 - Parramatta Public School on southern site (two locations) and Arthur Phillip High School on northern site

— (Not evaluated during the value management workshops)

Description

- Redevelop the new Primary School on the larger, southern site which is essentially where the existing school is located currently and provide associated passive and active play spaces to the western and eastern sides of any new constructed facilities. Develop two separate buildings for distinct learning Cohorts.
- Redevelop the new High School on the northern site within two distinct towers and associated passive and active play spaces mainly to the western side of any new constructed facilities as well as the southern site and provide associated passive and active play spaces mainly to the eastern side of any new constructed facilities.



Option 4: Education Precincts

Option 4 - Parramatta Public School on northern site and Arthur Phillip High School on southern site

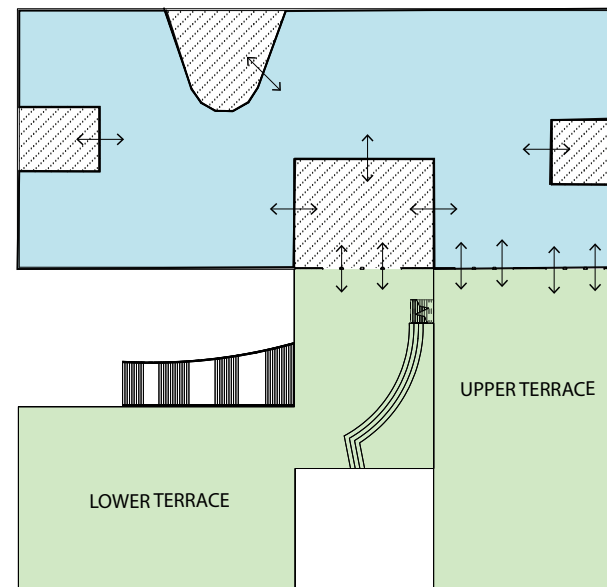
(Not evaluated during the value management workshops)

Description

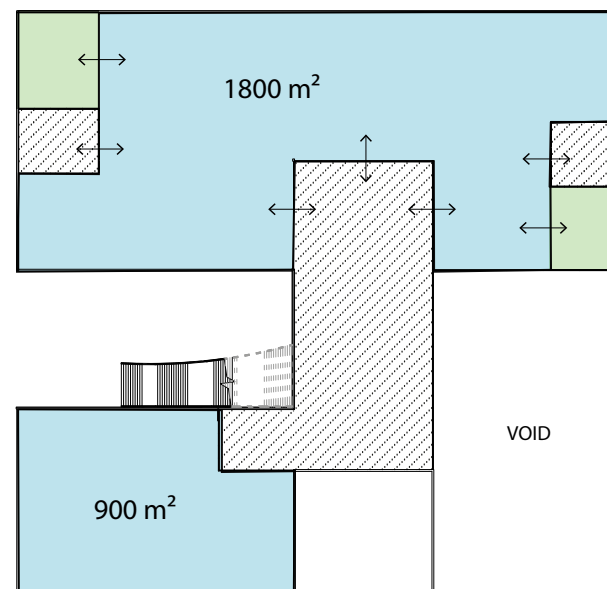
- Redevelop Primary School on the southern site at both eastern and western ends with play space in between and the Secondary School on the northern site and provide Early Learning on the western end of the southern site.



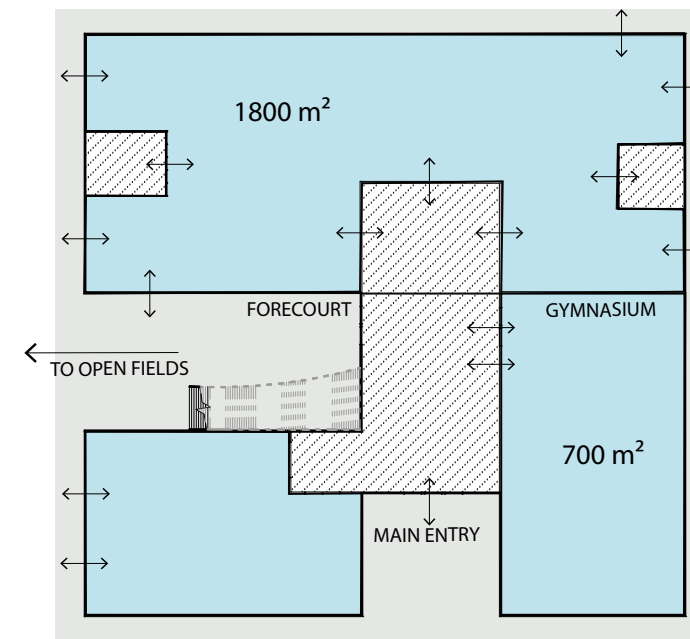
Image of preferred massing options for both schools - preliminary



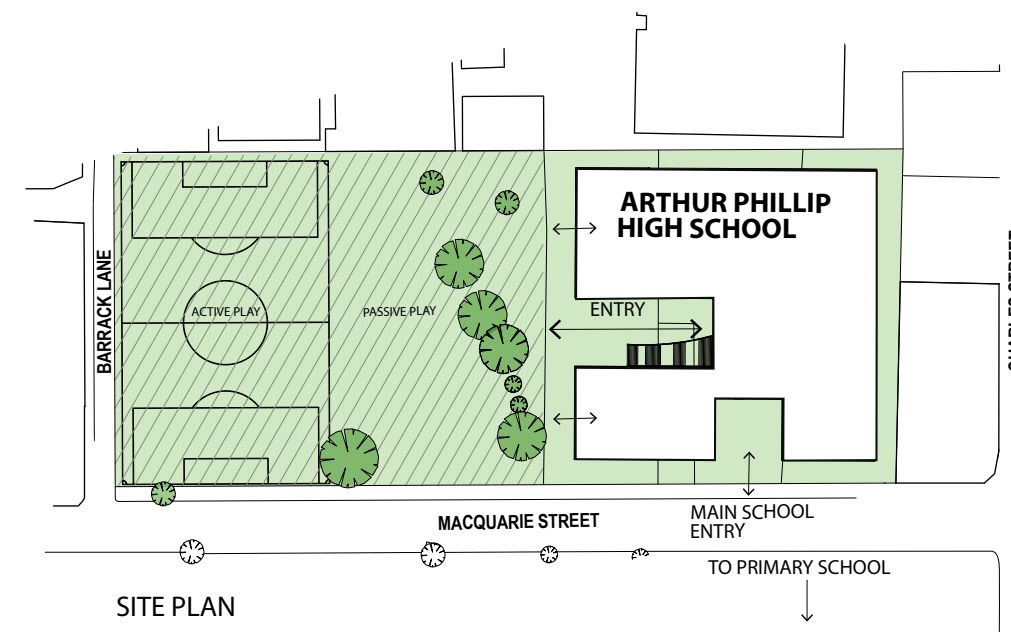
PODIUM LEVEL - TOTAL GFA 2700m²



UPPER GROUND - TOTAL GFA 2700 m²



GROUND FLOOR - TOTAL GFA 3400 m²



SITE PLAN

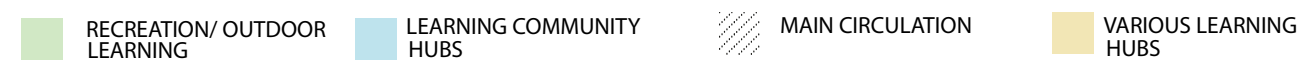
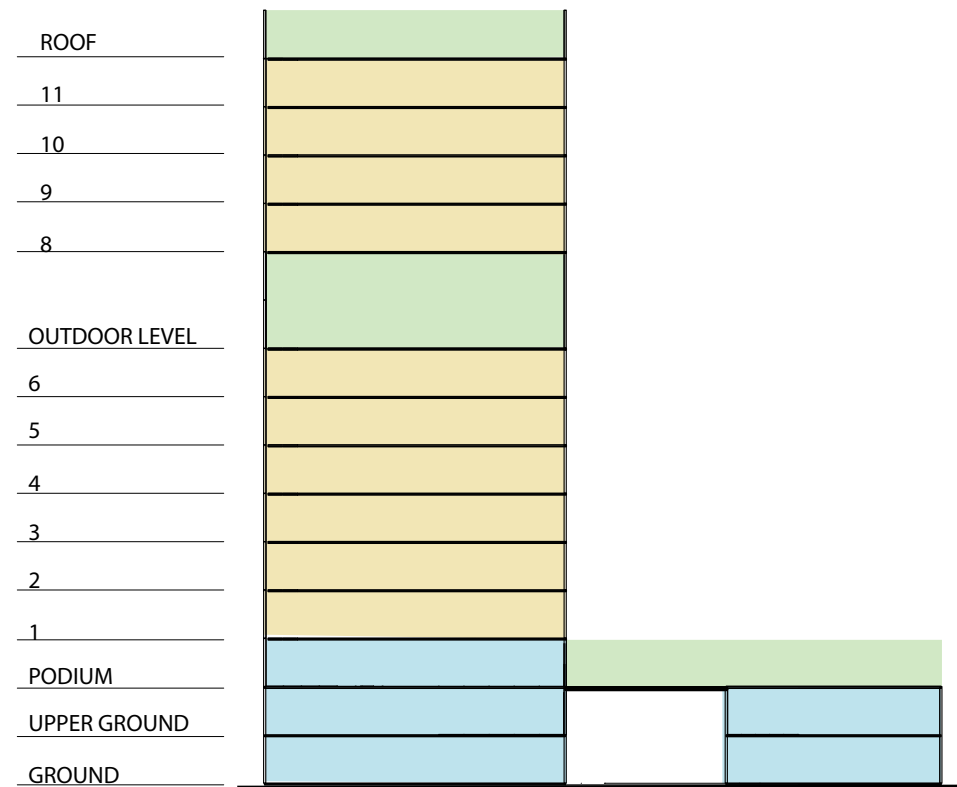
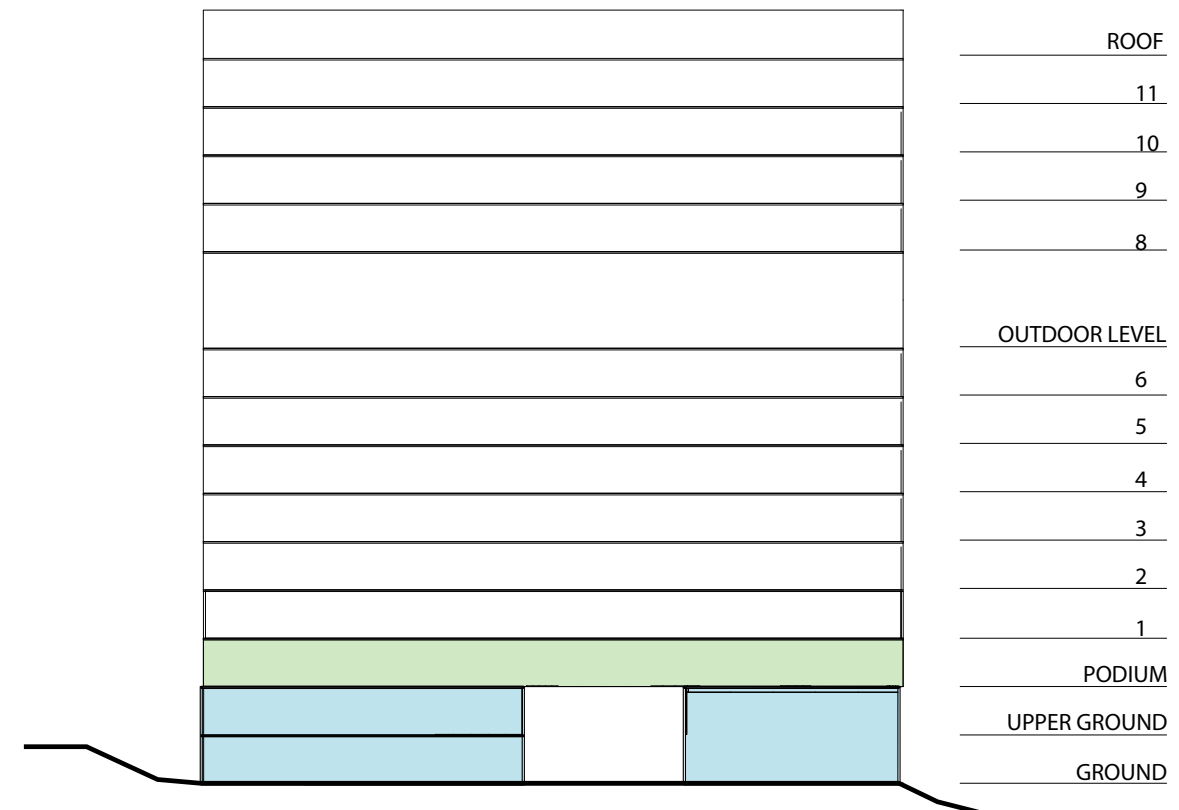


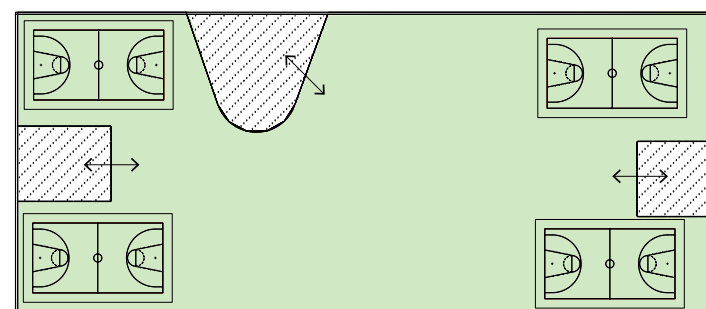
Diagram 8.2: Site Plan and Floor Plans for Arthur Phillip High School



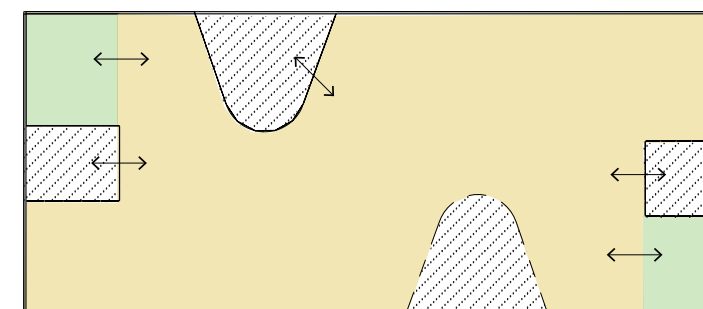
CROSS SECTION



LONGITUDINAL SECTION



OUTDOOR LEVEL - TOTAL GFA 1800m²



TYPICAL LEVEL - TOTAL GFA 1800m²
(LEVELS 1-6 & 8-11)

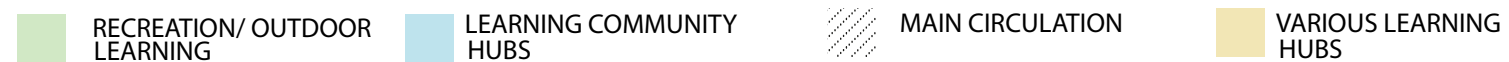
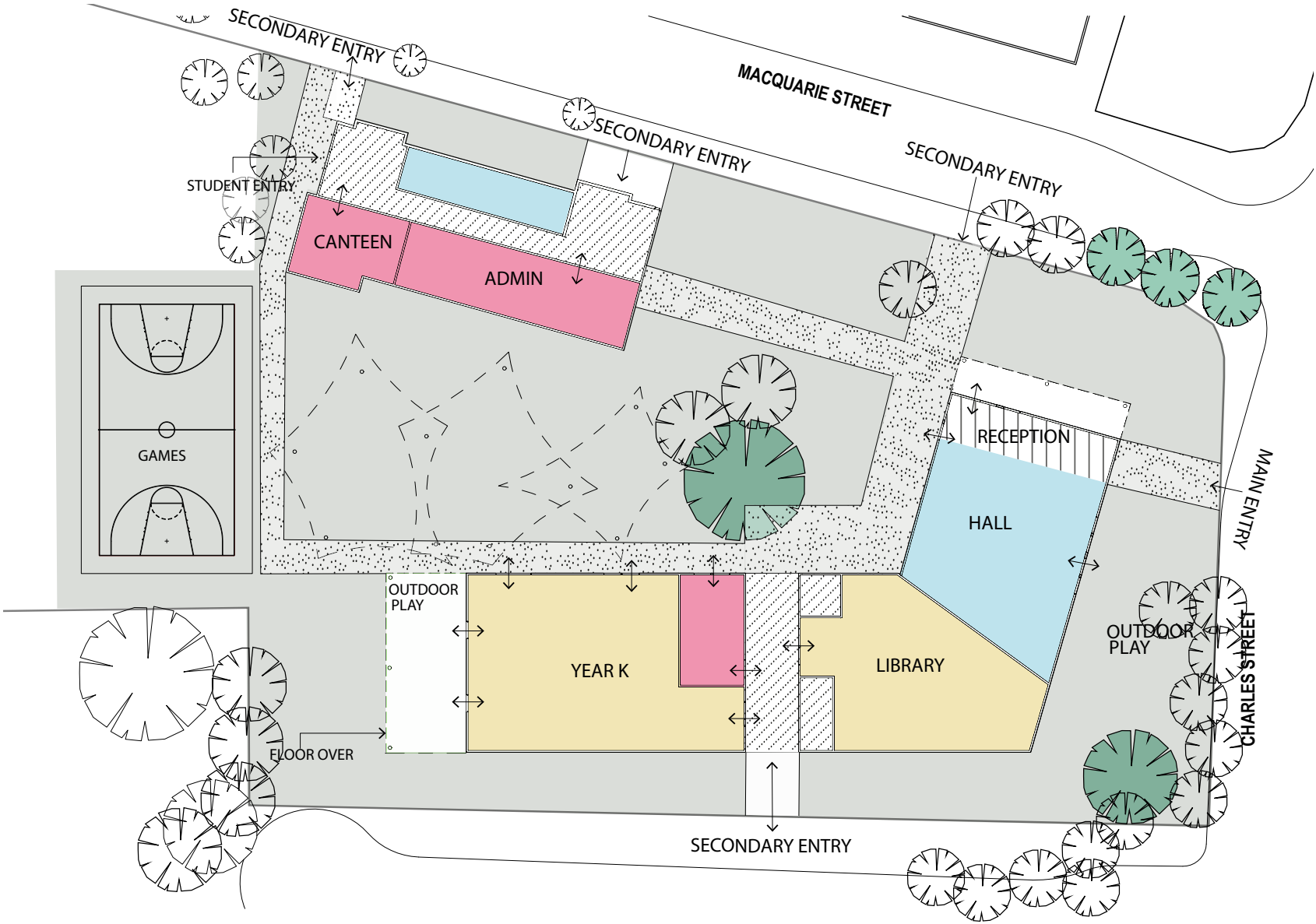


Diagram 8.3: Floor Plans and Sections for Arthur Phillip High School



GROUND FLOOR - total GFA 1700m²

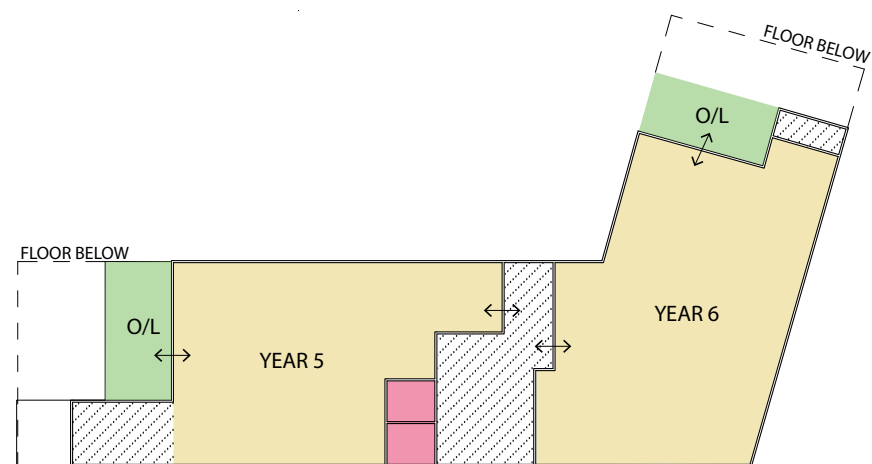


FIRST FLOOR - TOTAL GFA 1875m²

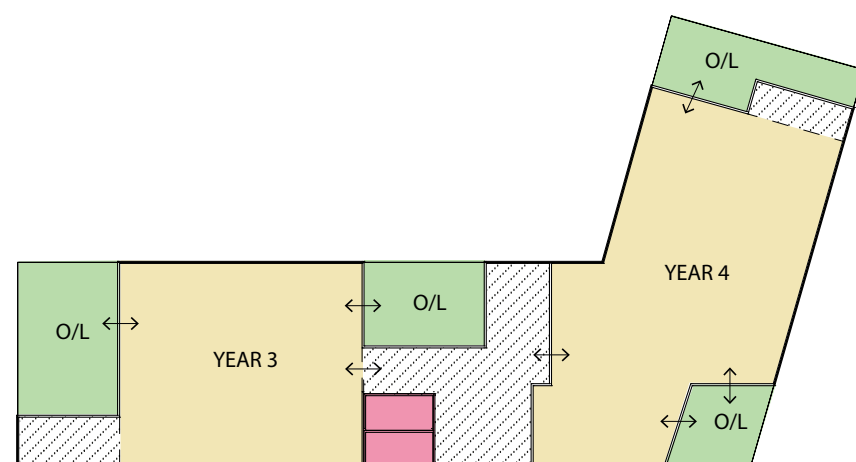
Diagram 8.4

Diagram 8.5

- MAIN CIRCULATION
- VARIOUS LEARNING HUBS
- STAFF/ ADMINISTRATION SERVICES
- RECREATION/ OUTDOOR LEARNING
- POTENTIAL SHARED SPACE
- EXISTING TREES TO REMAIN
- NEW TREES

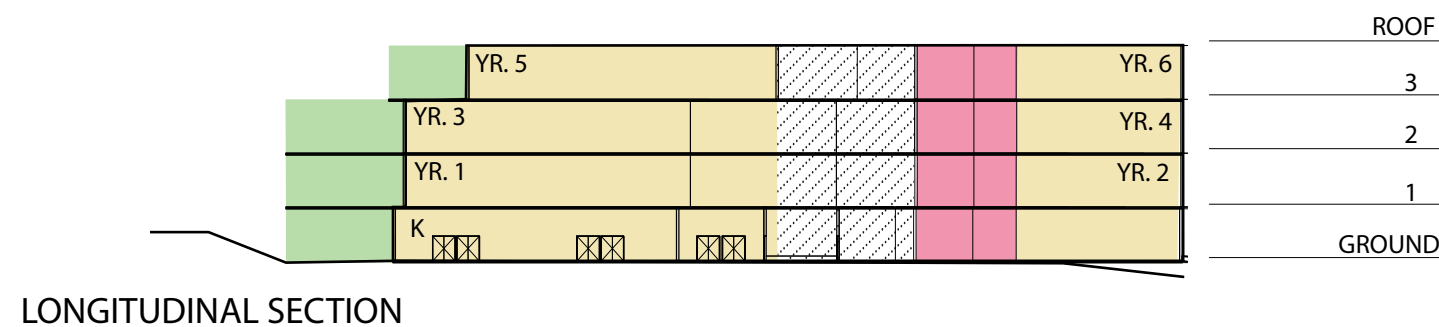


THIRD FLOOR - TOTAL GFA 1800m²

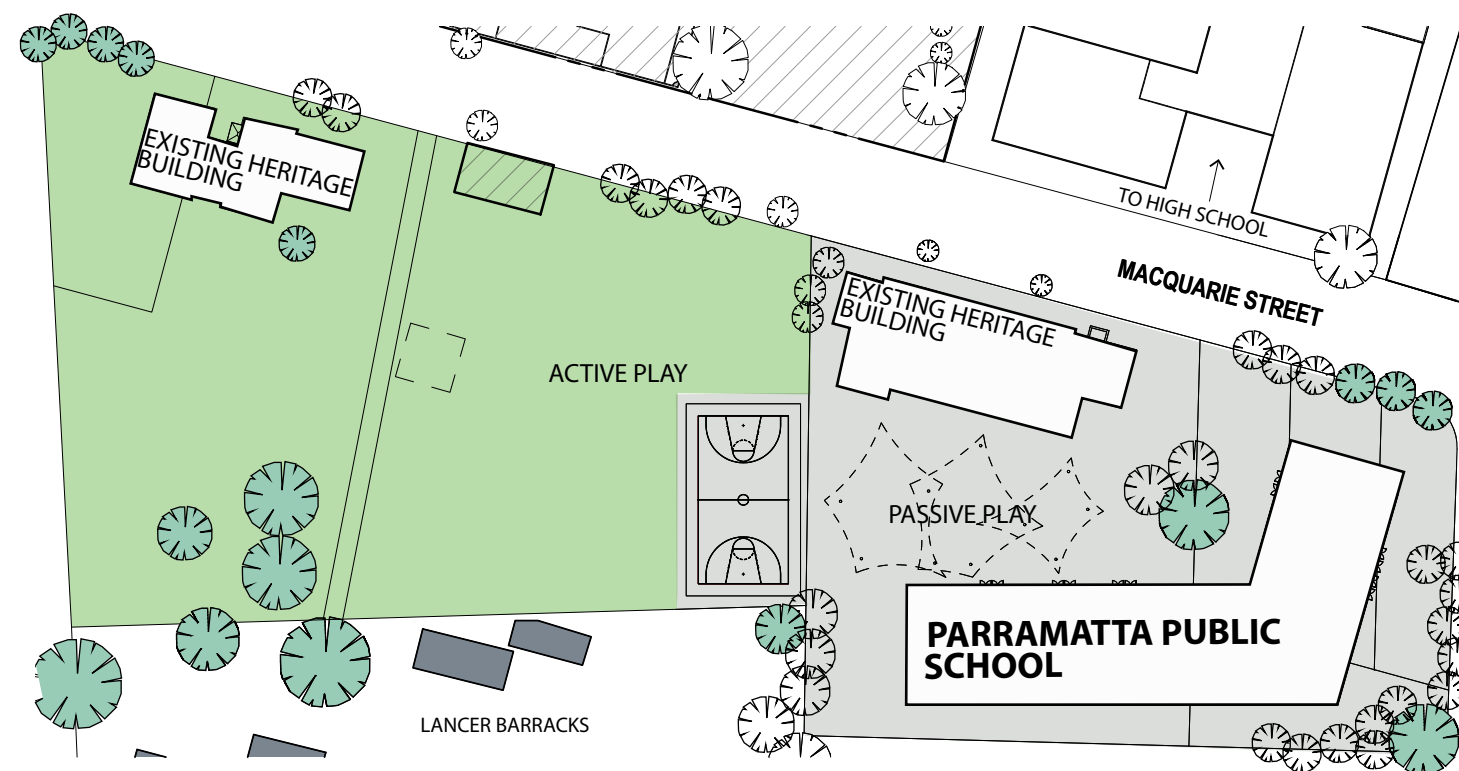


SECOND FLOOR - TOTAL GFA 1875m²

Diagram 8.6



LONGITUDINAL SECTION



SITE PLAN

Diagram 8.7



MAIN CIRCULATION



VARIOUS LEARNING HUBS



STAFF/ ADMINISTRATOR SERVICES



RECREATION/ OUTDOOR LEARNING



COMMUNITY HUBS



EXISTING TREES TO REMAIN



NEW TREES