

### 3. PUBLIC DOMAIN

#### 3.3.4 Arts Lawn (West Common)

The Arts Lawn lies in the Arts Precinct and is linked to the University Common along an east-west path past the new Library. Located largely on land currently used for parking, the Arts Lawn will form a link between Wally's Walk and the new Macquarie Walk. This more intimate space is close to the Mars Creek corridor and should form an extension of the Mars Creek landscape.

The Arts Lawn should provide both soft and hard areas suitable for flexible uses including outdoor art installations and other creative performances or endeavours. The base design should be quirky and flexible enough to be transformed with low cost and resources.

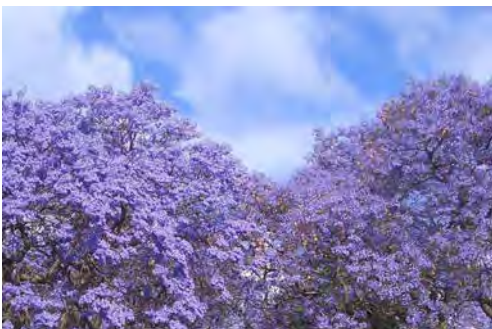
#### Principles

- Provide a defined open space focus in the west of the Academic Core, building on the close access to the informal landscape of Mars Creek.

- Link to the University Core along the new Macquarie Walk that also links to the train station.
- Deliver a place that can function on a day to day level as a local social activity hub but also has the built in infrastructure to allow for multiple flexible uses e.g. power, lighting, catenary structure etc.
- Focus amenities such as cafes, student or staff services etc. around the edge of the space, even mural walls.

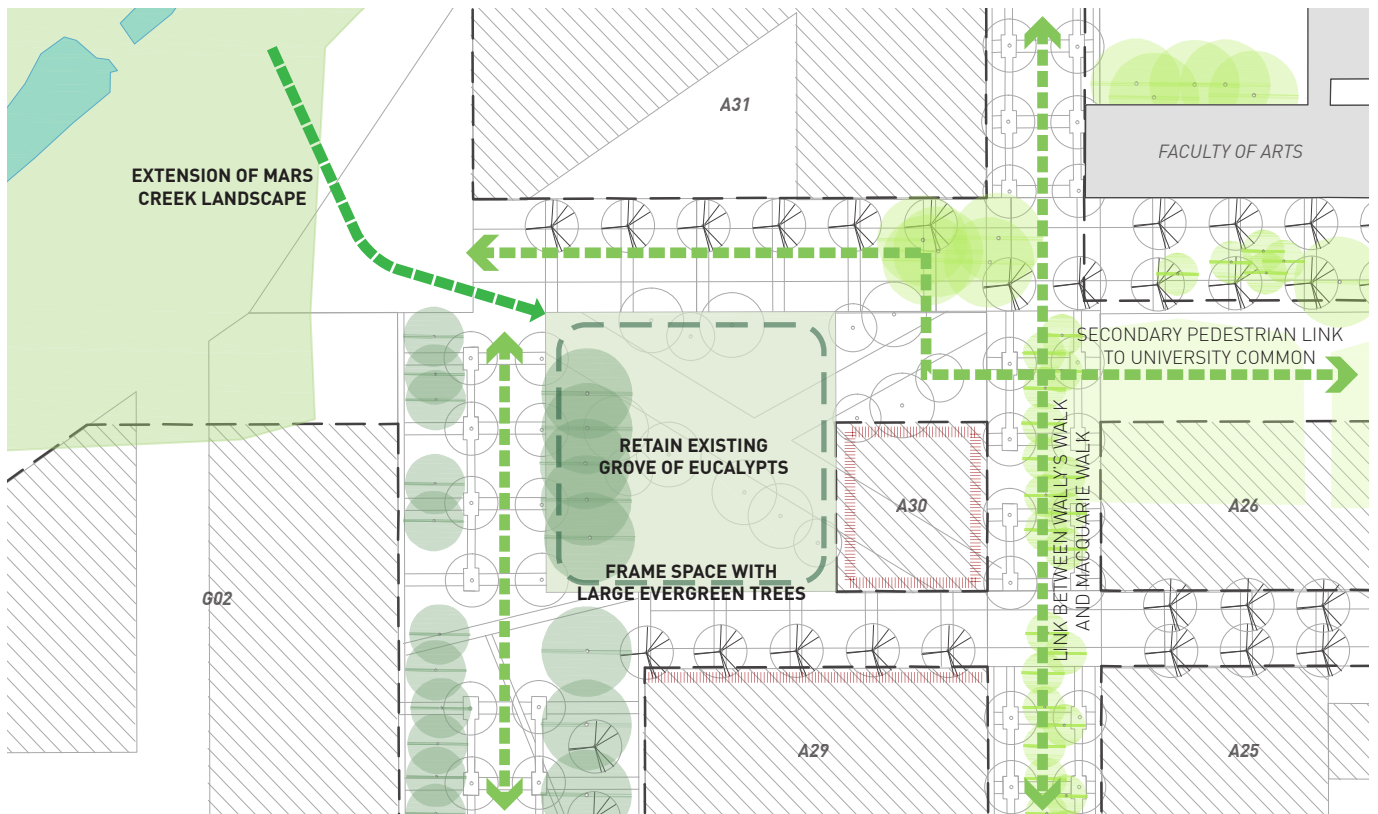
#### Tree Schedule

| BOTANICAL NAME                                  | COMMON NAME              | MATURE SIZE (H x W) |
|---|--------------------------|---------------------|
| <i>Brachychiton acerifolius</i>                 | Illawarra Flame Tree     | 10 x 8 m            |
| <i>Jacaranda mimosifolia</i>                    | Jacaranda                | 12 x 10 m           |
| <i>Pyrus ussuriensis</i>                        | Manchurian Pear          | 9 x 7 m             |
| <i>Waterhousia floribunda</i><br>'Green Avenue' | Green Avenue Lilly Pilly | 15 x 9 m            |





- Loosen management structures over the space and invite student ownership of the creative programming of the area.
- Mediate the landform through a series of stepped levels to the north.
- Create an important termination in the west of the Academic Core and Macquarie Walk.
- Provide large evergreen trees to frame the spaces while deciduous trees delineate plaza areas.



**LEGEND**

|   |                           |                                     |  |
|---|---------------------------|-------------------------------------|--|
| OPEN SPACE / PUBLIC DOMAIN              | PRIMARY PEDESTRIAN LINK   | WATER SENSITIVE URBAN DESIGN (WSUD) | SIGNIFICANT TREES TO BE RETAINED             |
| EXISTING BUILDING TO BE RETAINED        | SECONDARY PEDESTRIAN LINK | SOLAR ACCESS TO OPEN SPACE          | SIGNIFICANT TREES TO BE RETAINED IF POSSIBLE |
| NEW BUILDING PROPOSED WITHIN MASTERPLAN | GREEN LINKS               | IMPORTANT VIEW CORRIDORS            | EDGE TREATMENT                               |
| LOT BOUNDARIES                          | GROUND FLOOR ACTIVATION   |                                     |  |



### 3. PUBLIC DOMAIN

#### 3.4 SECONDARY PARKS AND PLAZAS

##### 3.4.1 Frank Mercer Biological Sciences Garden

The Biological Science Garden was developed by Professor Frank Mercer in collaboration with the Architect's Planner Office. Garden beds were designed to showcase particular plant biological characteristics; a fern bed, a pond for algae and mosses, a bed displaying monocotyledons, another for dicotyledons, a dry land bed with cacti and succulents, and yet another with plants from two closely related

families, the Epacridaceae and the Ericaceae.

Many of the species planted are either uncommon or sourced from unique locations and there is an opportunity to revive the scientific, educational and thematic display enriching the landscape experience of the University. The proximity to the Hospital means that the space has potential as an open space accessible by patients and staff.

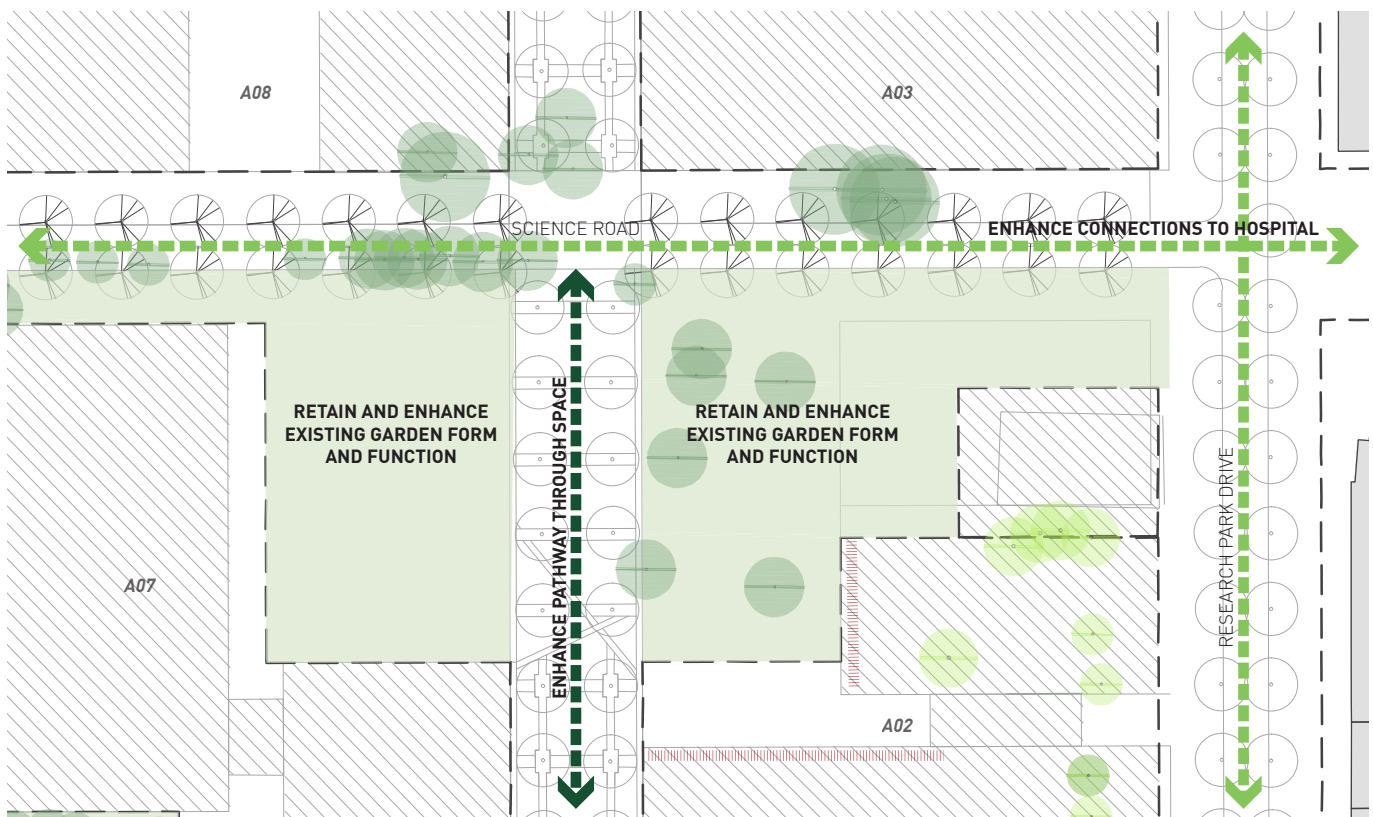
##### Landscape Principles

- Retain and enhance existing garden form and function including arboretum signage.
- Provide additional paths through space taking into account new desire lines.
- Explore opportunities for the garden to contribute to the biodiversity corridor between University Creek and Mars Creek along Science Road.
- Retain existing trees.
- Provide informal seating.

##### Tree Schedule

| BOTANICAL NAME               | COMMON NAME            | MATURE SIZE (H x W) |
|------------------------------|------------------------|---------------------|
| <i>Angophora costata</i>     | Smooth-Barked Apple    | 15 x 10 m           |
| <i>Eucalyptus crebra</i>     | Narrow-Leaved Ironbark | 20 x 10 m           |
| <i>Eucalyptus fibrosa</i>    | Red Ironbark           | 20 x 10 m           |
| <i>Eucalyptus notabilis</i>  | Mountain Mahogany      | 20 x 10 m           |
| <i>Eucalyptus paniculata</i> | Grey Ironbark          | 20 x 10 m           |
| <i>Eucalyptus punctata</i>   | Grey Gum               | 15 x 8 m            |
| <i>Syncarpia glomulifera</i> | Turpentine             | 25 x 12 m           |





**LEGEND**

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|---|---------------------------|-------------------------------------|--|
| OPEN SPACE / PUBLIC DOMAIN              | PRIMARY PEDESTRIAN LINK   | WATER SENSITIVE URBAN DESIGN (WSUD) | SIGNIFICANT TREES TO BE RETAINED             |
| EXISTING BUILDING TO BE RETAINED        | SECONDARY PEDESTRIAN LINK | SOLAR ACCESS TO OPEN SPACE          | SIGNIFICANT TREES TO BE RETAINED IF POSSIBLE |
| NEW BUILDING PROPOSED WITHIN MASTERPLAN | GREEN LINKS               | IMPORTANT VIEW CORRIDORS            | EDGE TREATMENT                               |
| LOT BOUNDARIES                          | GROUND FLOOR ACTIVATION   |                                     |  |



### 3. PUBLIC DOMAIN

#### 3.4.2 Jim Rose Earth Sciences Garden

The Jim Rose Earth Sciences Garden is an existing open space with an important role both as educational plantings and as a memorial to Jim Rose. The courtyard is divided into two sections, with the gardens on the north and west planted with Laurasian (predominantly) northern hemisphere species while the gardens on the eastern and southern sides are planted with Gondwanan (predominantly) southern hemisphere species.

The space lies at the junction of Wally's Walk and the upgraded Sir Christopher Ondaatje Avenue – one of the highest trafficked spaces in the campus' pedestrian network. Planned as a retreat, the landscape treatment is to upgrade the space while preserving the sense of relief from the main pedestrian network.

##### Landscape Principles

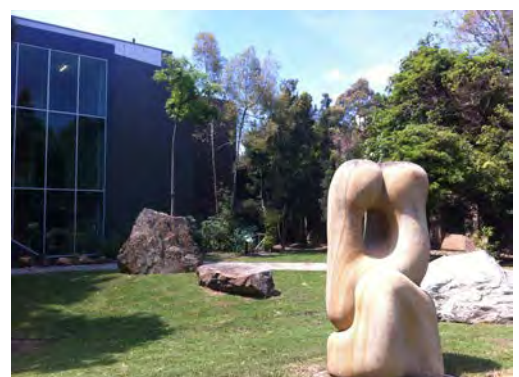
- Retain and enhance existing courtyard planting concept, form and function.
- Ensure expansion of the space to the south builds upon the

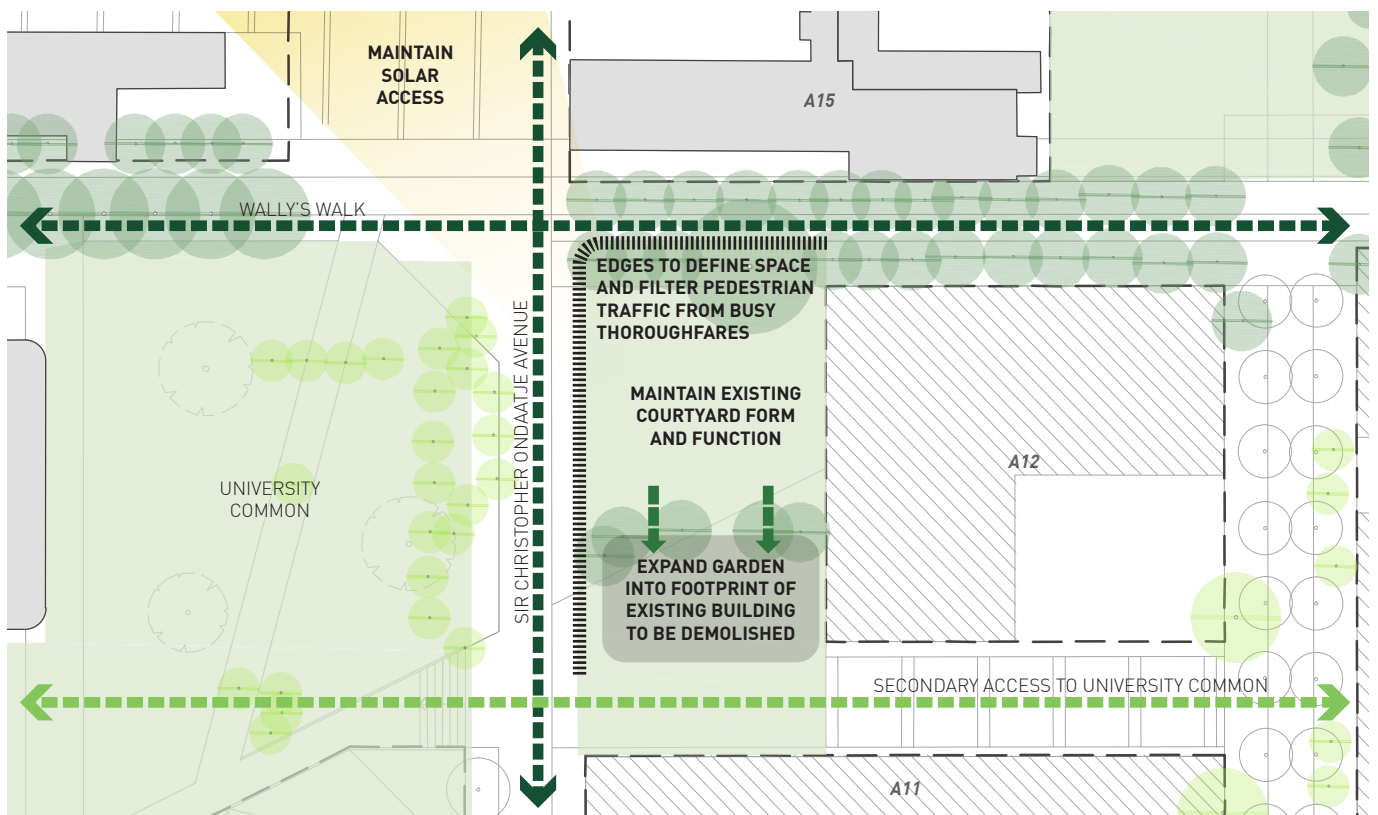
existing Gondwanan planting already in the southern area of the courtyard.

- Maintain and enhance the connection to Wally's Walk.
- Provide additional paths through space taking into account new desire lines.
- Retain existing trees where possible and if trees are required to be removed, the same species should be replanted elsewhere in the courtyard to ensure the original design intent and integrity of the space is maintained.

##### Tree Schedule

| BOTANICAL NAME                 | COMMON NAME         | MATURE SIZE (H x W) |
|--------------------------------|---------------------|---------------------|
| <i>Araucaria cunninghamii</i>  | Hoop Pine           | 25 x 10 m           |
| <i>Araucaria heterophylla</i>  | Norfolk Island Pine | 25 x 10 m           |
| <i>Buckinghamia celsissima</i> | Ivory Curl Tree     | 8 x 6 m             |
| <i>Protea caffra</i>           | Common Sugar Bush   | 5 x 5 m             |





**LEGEND**

|   |                           |                                     |  |
|---|---------------------------|-------------------------------------|--|
| OPEN SPACE / PUBLIC DOMAIN              | PRIMARY PEDESTRIAN LINK   | WATER SENSITIVE URBAN DESIGN (WSUD) | SIGNIFICANT TREES TO BE RETAINED             |
| EXISTING BUILDING TO BE RETAINED        | SECONDARY PEDESTRIAN LINK | SOLAR ACCESS TO OPEN SPACE          | SIGNIFICANT TREES TO BE RETAINED IF POSSIBLE |
| NEW BUILDING PROPOSED WITHIN MASTERPLAN | GREEN LINKS               | IMPORTANT VIEW CORRIDORS            | EDGE TREATMENT                               |
| LOT BOUNDARIES                          | GROUND FLOOR ACTIVATION   |                                     |  |



### 3. PUBLIC DOMAIN

#### 3.4.3 Mars Creek Plaza

Mars Creek Plaza is located at the western termination of Macquarie Walk, providing a transitional space from the urban aesthetic of the Walk to the parkland character of the Mars Creek corridor.

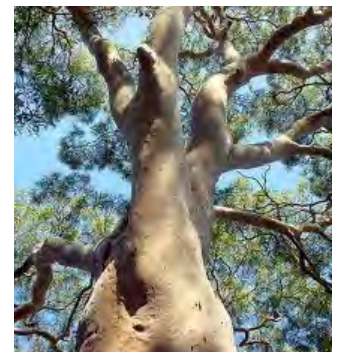
The space is to be integrated with the Mars Creek landscape while the orientation will provide opportunities for access to the winter afternoon sun.

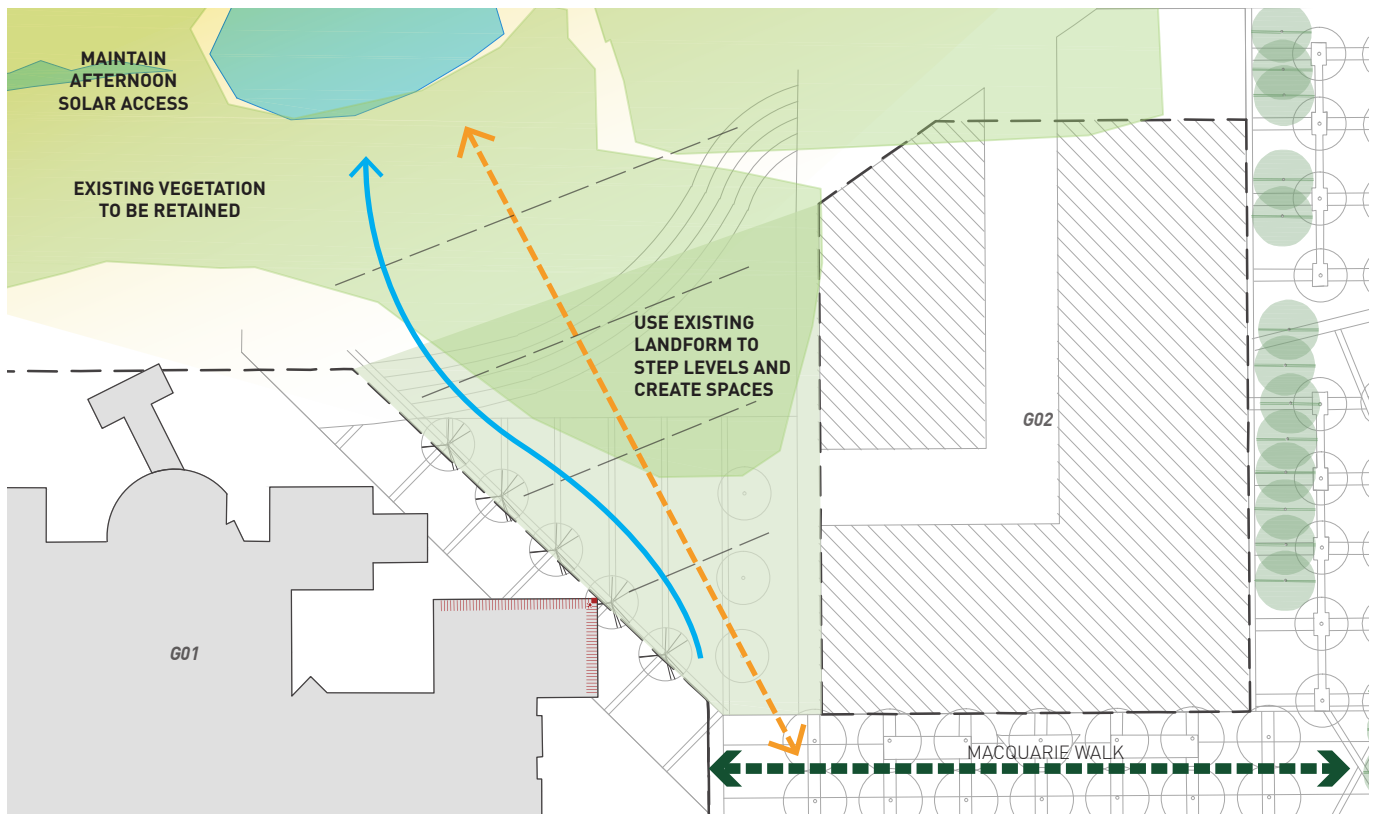
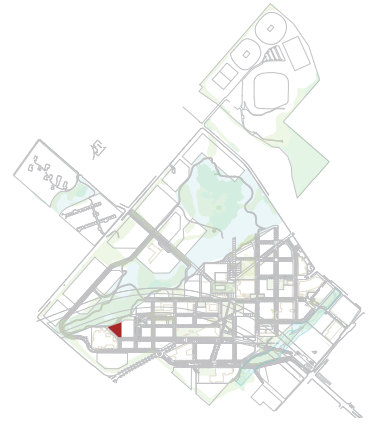
#### Landscape Principles

- Enhance the relationship between Macquarie Walk and Mars Creek by providing an urban edge to the Academic Core that incorporates the landscape character of the creek riparian corridor.
- Develop a mix of lawn, planted and paved areas with multiple connected pathways across the space, allowing for the natural grade of the landform towards the creek by stepping the landscape to create a range of dwelling spaces and opportunities.
- Retain and enhance views through the plaza between Macquarie Walk and Mars Creek.
- Characterise space with accent paving forming engaging patterns, retaining existing trees where possible.
- Explore opportunities for public art and Water Sensitive Urban Design (WSUD) integrated within the space.

#### Tree Schedule

| BOTANICAL NAME           | COMMON NAME         | MATURE SIZE (H x W) |
|--------------------------|---------------------|---------------------|
| <i>Angophora costata</i> | Smooth-Barked Apple | 15 x 10 m           |
| <i>Corymbia maculata</i> | Spotted Gum         | 20 x 10 m           |
| <i>Pyrus ussuriensis</i> | Manchurian Pear     | 9 x 7 m             |
| <i>Ulmus parvifolia</i>  | Chinese Elm         | 10 x 11 m           |





**LEGEND**

- |   |                           |                                     |  |
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| EXISTING BUILDING TO BE RETAINED        | SECONDARY PEDESTRIAN LINK | SOLAR ACCESS TO OPEN SPACE          | SIGNIFICANT TREES TO BE RETAINED IF POSSIBLE |
| NEW BUILDING PROPOSED WITHIN MASTERPLAN | GREEN LINKS               | IMPORTANT VIEW CORRIDORS            | EDGE TREATMENT                               |
| LOT BOUNDARIES                          | GROUND FLOOR ACTIVATION   |                                     |  |



### 3. PUBLIC DOMAIN

#### 3.4.4 Wally's Walk Park

This existing north-facing open space provides excellent views into the parkland corridor of Mars Creek, while the existing lawns are popular with students and staff.

New development to the east and west of the park will frame the space and provide an opportunity to extend the space towards the creek with new seating and landscaped elements.

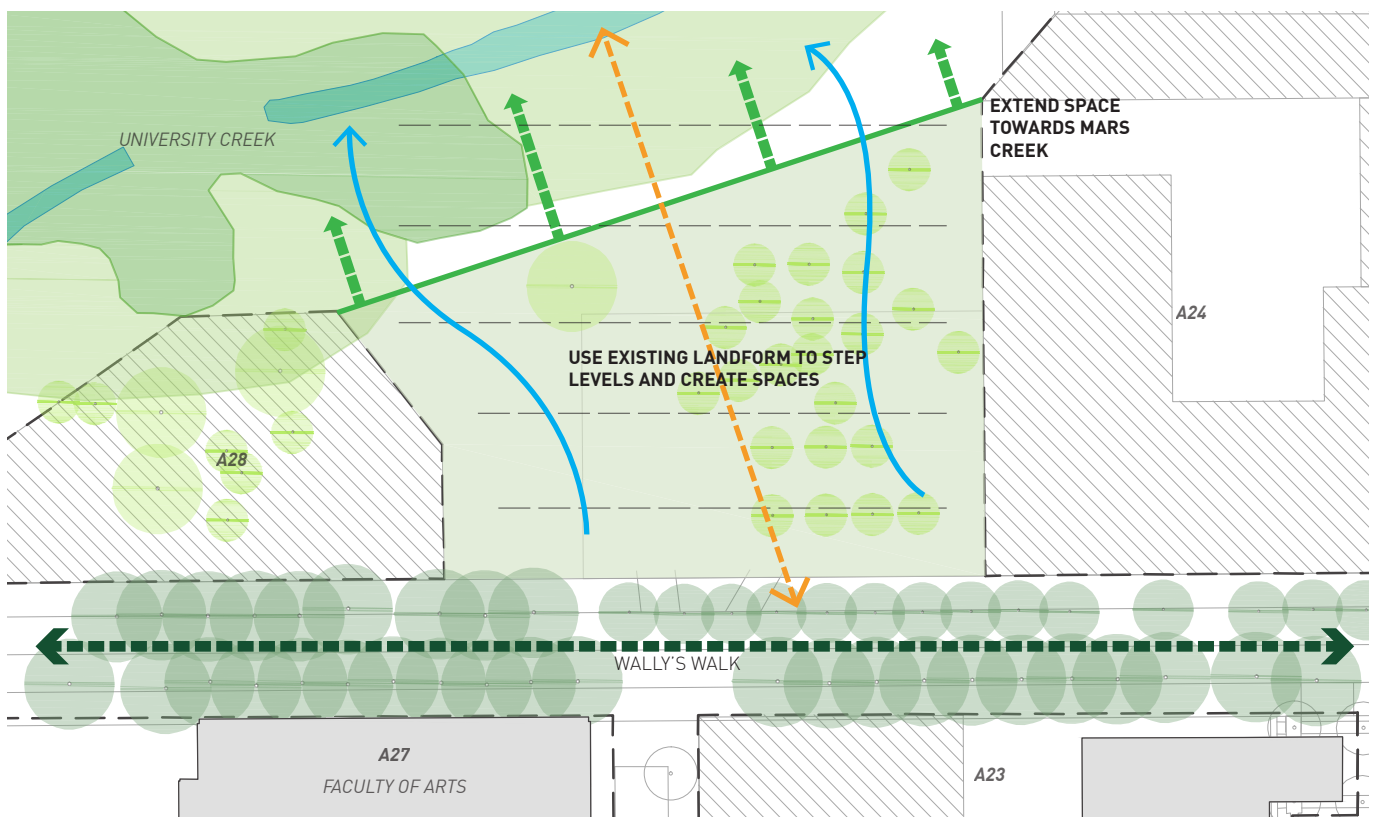
#### Landscape Principles

- Provide new paths that address existing and future pedestrian desire lines while providing opportunities for formal and informal seating.
  - Retain and enhance views through the park between Wally's Walk and Mars Creek.
  - Allow for any change in level toward the creek by stepping creating informal seating and gathering nooks.
- Explore opportunities for public art and Water Sensitive Urban Design (WSUD) integrated within the space.
  - Retain existing trees where possible.

#### Tree Schedule

| BOTANICAL NAME           | COMMON NAME         | MATURE SIZE (H x W) |
|--------------------------|---------------------|---------------------|
| <i>Angophora costata</i> | Smooth-Barked Apple | 15 x 10 m           |
| <i>Corymbia maculata</i> | Spotted Gum         | 20 x 10 m           |
| <i>Pyrus ussuriensis</i> | Manchurian Pear     | 9 x 7 m             |
| <i>Ulmus parvifolia</i>  | Chinese Elm         | 10 x 11 m           |





**LEGEND**

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| EXISTING BUILDING TO BE RETAINED        | SECONDARY PEDESTRIAN LINK | SOLAR ACCESS TO OPEN SPACE          | SIGNIFICANT TREES TO BE RETAINED IF POSSIBLE |
| NEW BUILDING PROPOSED WITHIN MASTERPLAN | GREEN LINKS               | IMPORTANT VIEW CORRIDORS            | EDGE TREATMENT                               |
| LOT BOUNDARIES                          | GROUND FLOOR ACTIVATION   |                                     |  |



### 3. PUBLIC DOMAIN

#### 3.4.5 Western Road Park

Western Road Park will be a new public space along Western Road adjoining Lot A26 to the west. The park will need to allow for potential secondary pedestrian access to the Lot A26 building.

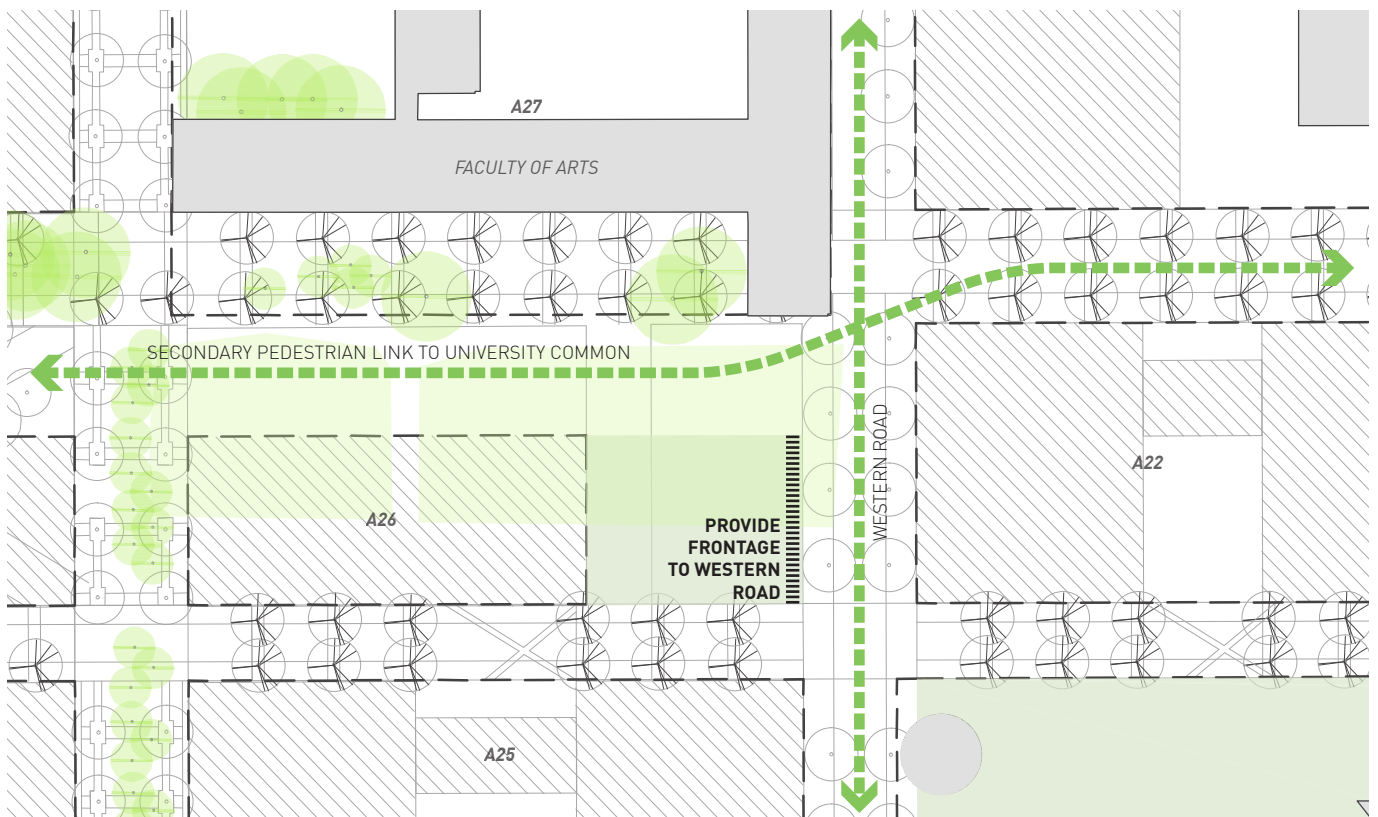
#### Landscape Principles

- Address potential secondary pedestrian access requirements to adjoining building.
- Explore opportunities for the Park to contribute to the biodiversity corridor between University Creek and Mars Creek along Western Road.
- Provide deciduous tree planting for summer shade and winter sun.
- Provide an appropriate frontage to Western Road.

#### Tree Schedule

| BOTANICAL NAME               | COMMON NAME         | MATURE SIZE (H x W) |
|------------------------------|---------------------|---------------------|
| <i>Angophora costata</i>     | Smooth-Barked Apple | 15 x 10 m           |
| <i>Eucalyptus paniculata</i> | Grey Ironbark       | 20 x 10 m           |
| <i>Eucalyptus punctata</i>   | Grey Gum            | 15 x 8 m            |
| <i>Syncarpia glomulifera</i> | Turpentine          | 25 x 12 m           |





**LEGEND**

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| NEW BUILDING PROPOSED WITHIN MASTERPLAN | GREEN LINKS               | IMPORTANT VIEW CORRIDORS            | EDGE TREATMENT                               |
| LOT BOUNDARIES                          | GROUND FLOOR ACTIVATION   |                                     |  |

### 3. PUBLIC DOMAIN

#### 3.4.6 Macquarie Theatre Courtyard

The recent upgrade of the Macquarie Theatre has seen upgrade work undertaken on the spaces around this focal point on the campus. The existing courtyard is used extensively through the day both as a leisure space and informal teaching. The plaza provides break out spaces from the theatre before and after performances and lectures.

Future development of the Theatre site and surrounding parcels may see new paths introduced and some reworking of the spaces.

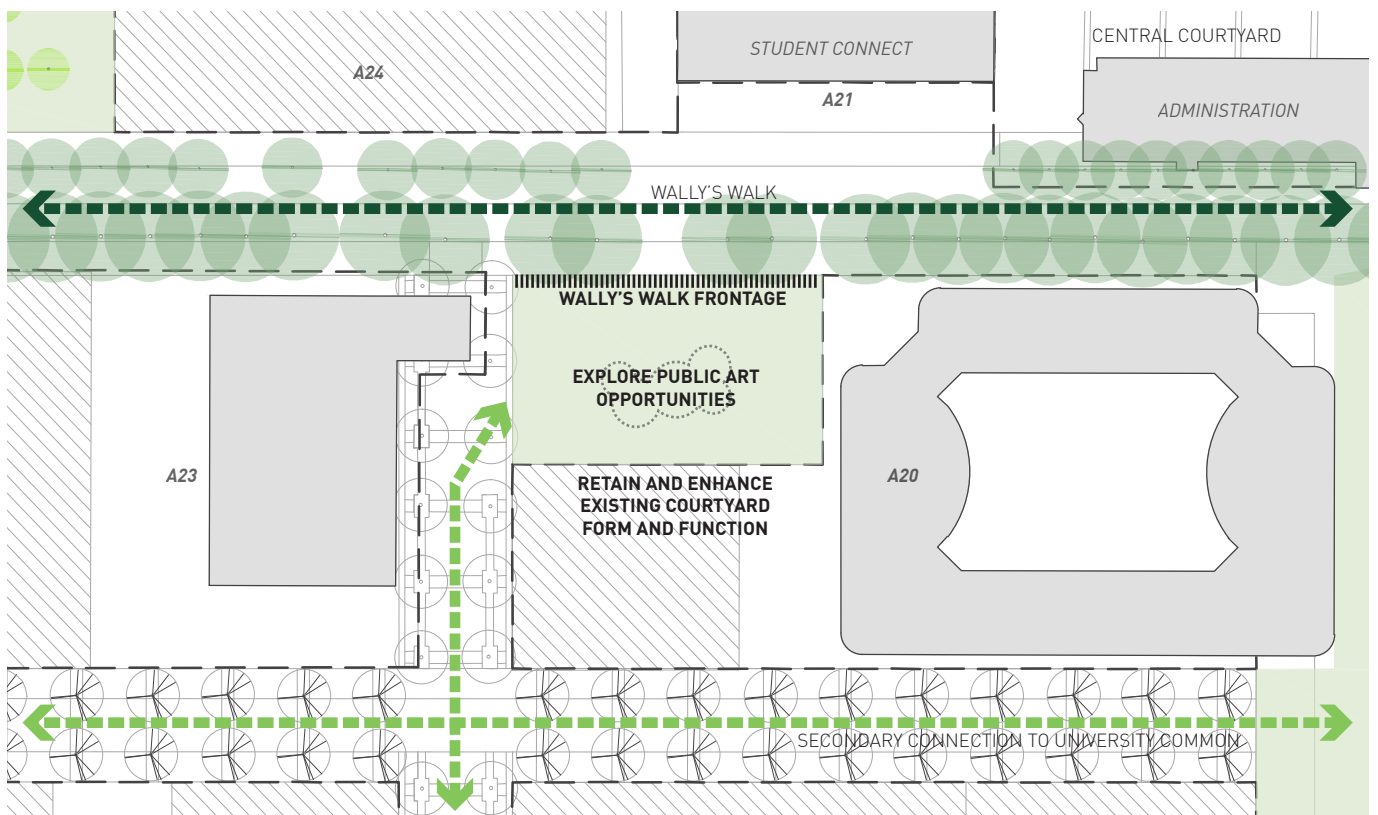
#### Landscape Principles

- Retain and enhance existing courtyard form and function.
- Address popular/informal walking routes.
- Maintain and enhance the connection to Wally's Walk.
- Provide additional paths through space.
- Provide opportunities for public art to enhance space.

#### Tree Schedule

| BOTANICAL NAME                                  | COMMON NAME              | MATURE SIZE (H x W) |
|---|--------------------------|---------------------|
| <i>Brachychiton acerifolius</i>                 | Illawarra Flame Tree     | 10 x 8 m            |
| <i>Jacaranda mimosifolia</i>                    | Jacaranda                | 12 x 10 m           |
| <i>Pyrus ussuriensis</i>                        | Manchurian Pear          | 9 x 7 m             |
| <i>Waterhousia floribunda</i><br>'Green Avenue' | Green Avenue Lilly Pilly | 15 x 9 m            |





**LEGEND**

- |   |                           |                                     |  |
|---|---------------------------|-------------------------------------|--|
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| NEW BUILDING PROPOSED WITHIN MASTERPLAN | GREEN LINKS               | IMPORTANT VIEW CORRIDORS            | EDGE TREATMENT                               |
| LOT BOUNDARIES                          | GROUND FLOOR ACTIVATION   |                                     |  |



### 3. PUBLIC DOMAIN

#### 3.4.7 Faculty of Science Garden

A new garden along Wally's Walk at the Faculty of Science will provide a new breakout space for both the Faculty building and a staying place along the edge of Wally's Walk.

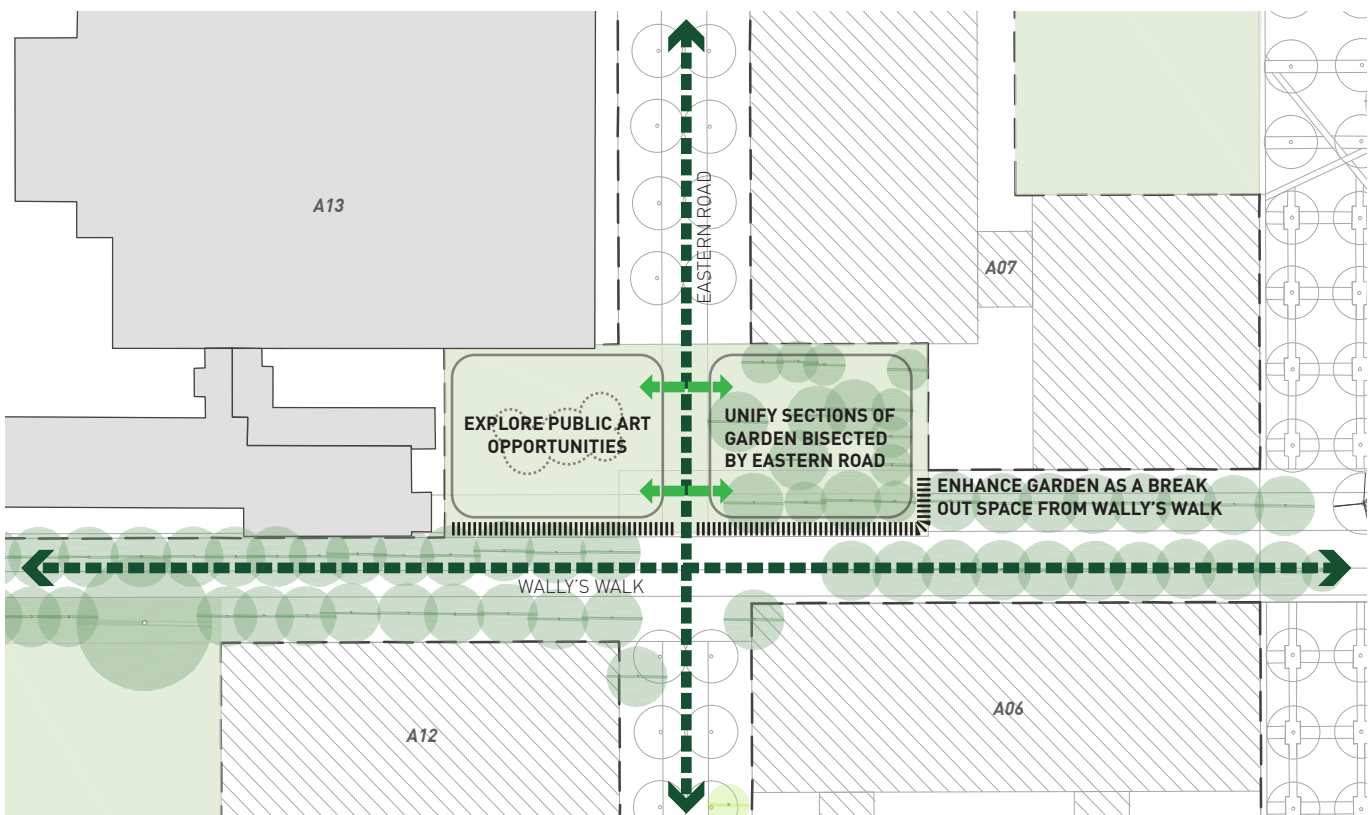
- Provide opportunities for public art to enhance space.
- Provide deciduous tree planting for summer shade and winter sun.

#### Landscape Principles

- Use ground plane treatments and planting to unify sections of the garden that will be bisected by Eastern Road.
- Maintain and enhance the connection to Wally's Walk.

#### Tree Schedule

| BOTANICAL NAME                                  | COMMON NAME              | MATURE SIZE (H x W) |
|---|--------------------------|---------------------|
| <i>Brachychiton acerifolius</i>                 | Illawarra Flame Tree     | 10 x 8 m            |
| <i>Jacaranda mimosifolia</i>                    | Jacaranda                | 12 x 10 m           |
| <i>Pyrus ussuriensis</i>                        | Manchurian Pear          | 9 x 7 m             |
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#### LEGEND

|   |                           |                                     |  |
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| NEW BUILDING PROPOSED WITHIN MASTERPLAN | GREEN LINKS               | IMPORTANT VIEW CORRIDORS            | EDGE TREATMENT                               |
| LOT BOUNDARIES                          | GROUND FLOOR ACTIVATION   |                                     |  |



### 3.4.8 Cochlear Forecourt

The Cochlear Forecourt will be a new major public open space adjoining the Cochlear Building at the end of the pedestrian link from the University Common.

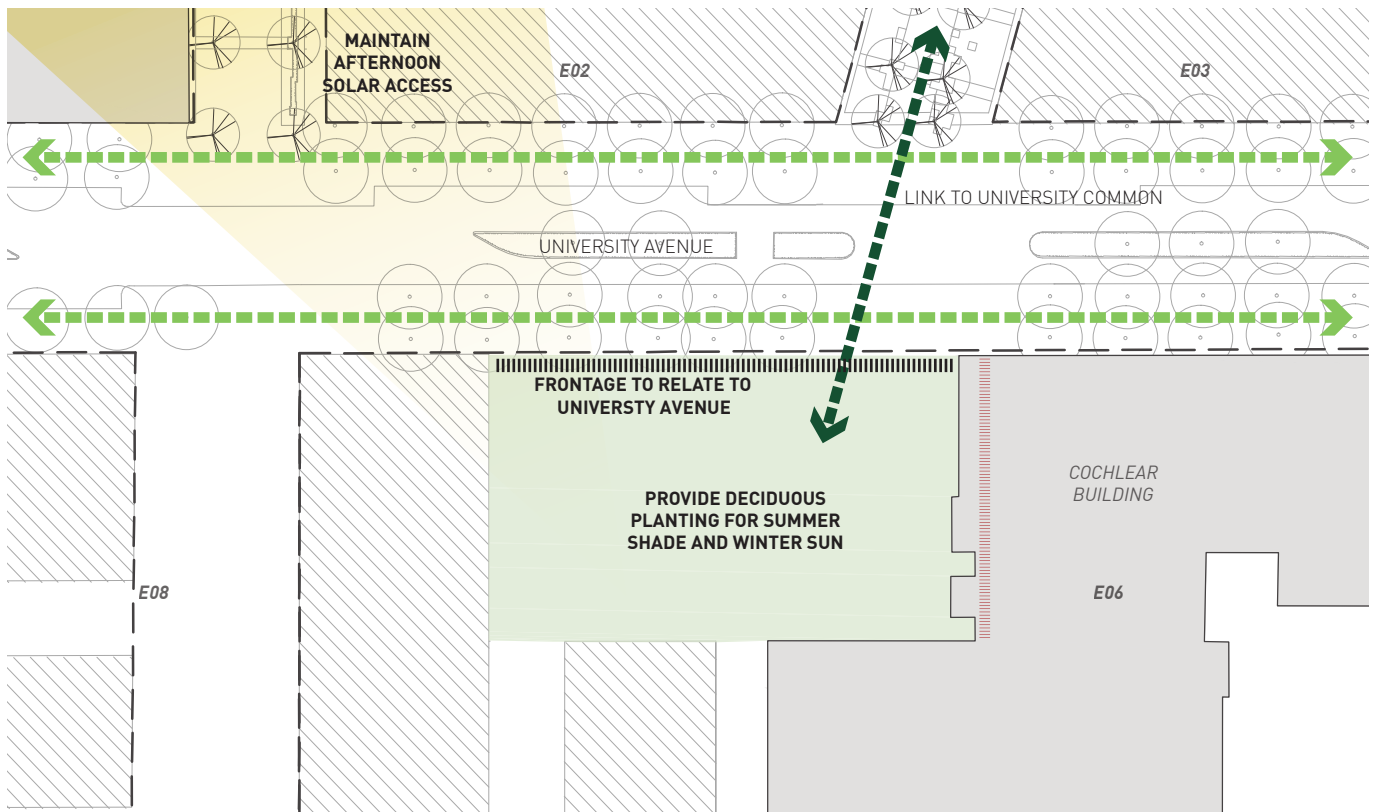
- deep soil planting.
- Recognise the termination of the north south diagonal link.
- Allow for suitable pedestrian movement in and around the plaza.
- Relate plaza design to both University Avenue and the adjoining development.
- Ensure a comfortable space by providing shade from the afternoon sun.

#### Principles

- Provide a suitable break out space for the Cochlear Building and any adjoining future development.
- Provide a mix of both hard and soft landscape to allow for versatility.
- Raise areas to accommodate

#### Tree Schedule

| BOTANICAL NAME                                  | COMMON NAME              | MATURE SIZE (H x W) |
|---|--------------------------|---------------------|
| <i>Brachychiton acerifolius</i>                 | Illawarra Flame Tree     | 10 x 8 m            |
| <i>Jacaranda mimosifolia</i>                    | Jacaranda                | 12 x 10 m           |
| <i>Pyrus ussuriensis</i>                        | Manchurian Pear          | 9 x 7 m             |
| <i>Waterhousia floribunda</i><br>'Green Avenue' | Green Avenue Lilly Pilly | 15 x 9 m            |



#### LEGEND

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| NEW BUILDING PROPOSED WITHIN MASTERPLAN | GREEN LINKS               | IMPORTANT VIEW CORRIDORS            | EDGE TREATMENT                               |
| LOT BOUNDARIES                          | GROUND FLOOR ACTIVATION   |                                     |  |



### 3. PUBLIC DOMAIN

#### 3.4.9 Library Lawn

The new Macquarie University Library, opened in 2011, incorporates two floors below ground covered by a ground-level green roof. This area provides a substantial open space within the Academic Core of the campus.

The Lawn is predominantly open turf areas affording long distance views to the new library building, with areas of planting beds including Kangaroo Paw, Sawsedge, Blue Flax-Lily and Spiny-Headed Mat-Rush.

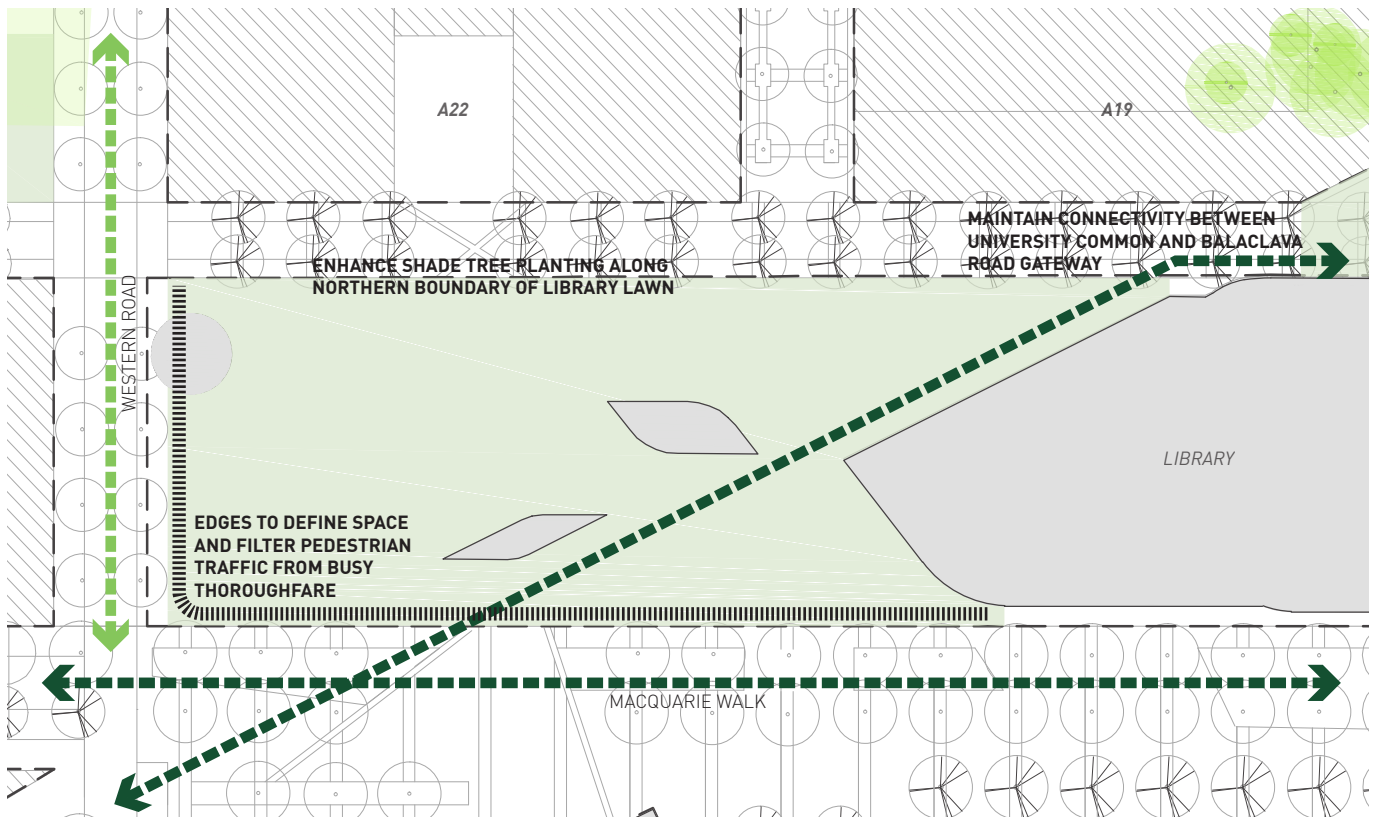
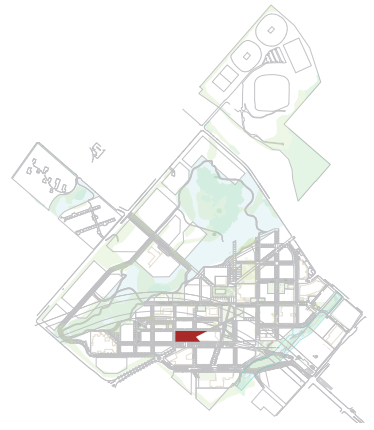
#### Principles

- Retain existing open character of the lawn.
- Explore opportunities for the western end of the Library Lawn to contribute to the biodiversity corridor between University Creek and Mars Creek along Western Road.

#### Tree Schedule

| BOTANICAL NAME               | COMMON NAME     | MATURE SIZE (H x W) |
|------------------------------|-----------------|---------------------|
| <i>Eucalyptus haemastoma</i> | Scribbly Gum    | 15 x 10 m           |
| <i>Eucalyptus microcorys</i> | Tallowwood      | 20 x 10 m           |
| <i>Eucalyptus saligna</i>    | Sydney Blue Gum | 20 x 10 m           |



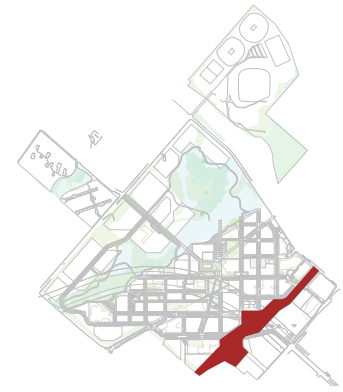


**LEGEND**

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| NEW BUILDING PROPOSED WITHIN MASTERPLAN | GREEN LINKS               | IMPORTANT VIEW CORRIDORS            | EDGE TREATMENT                               |
| LOT BOUNDARIES                          | GROUND FLOOR ACTIVATION   |                                     |  |



### 3. PUBLIC DOMAIN



## 3.5 CREEK CORRIDORS AND PARKLANDS

### 3.5.1 University Creek

University Creek is to be improved under existing plans to mitigate flood risk, ensure conservation and enhancement of the habitat in the creek corridor and contribute as an important element of the principal entry into the University. The creek landscape is seen as a defining edge of the Academic Core and as a landscape frame for the campus.

The redesigned University Avenue entry will improve gradients and ease of movement from the train station to the campus heart. The arrival walk along an elevated pathway through the creek habitat, within the shade of its tall tree canopy, will be a unique and memorable experience in a major university campus.

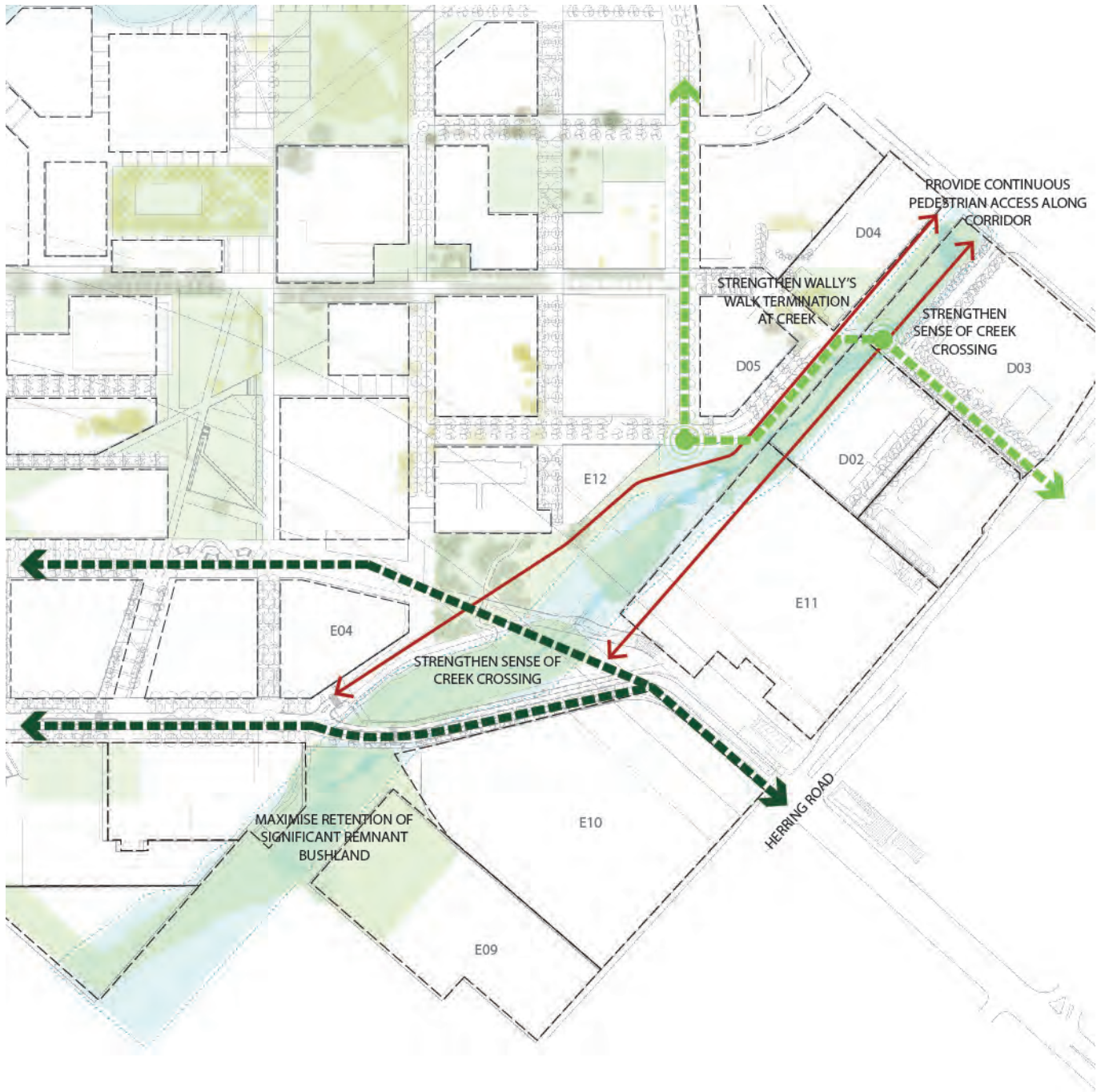
#### Landscape Principles

- Implement the landscape rehabilitation plan for University Creek.
- Adopt the full 20 metre riparian zone, with wider setbacks to buildings, throughout the creek corridor.
- Provide an urban plaza that emphasises the termination of Wally’s Walk at the creek zone.
- Extend the Sir Christopher Ondaatje Avenue axis south from Macquarie Walk to engage the creek zone.
- Take advantage of progressive phases of the Master Plan to remove buildings such as car park F3A from the creek zone.
- Provide continuous accessible pedestrian paths along the edges of the creek zone.
- Review the 200ARI flood risk to existing buildings in the Research Park and plan for long-term improvements.
- Redesign storm water catchment and outflows to minimise catchment run-off from the developed campus core areas.
- Rehabilitate and naturalise creek lines in accordance with the NSW Office of Water requirements.
- Provide interesting areas of open space for passive recreation and campus events.
- Create a terraced urban plaza that integrates the creek landscape with the University Avenue campus gateway.
- Provide a walking track that relates to the creek, plazas and pedestrian nodes.
- Provide opportunities for and encourage art installations in and around the creek landscape.
- Provide interesting and sensitive creek crossings and elevated walkways.
- Consider the opportunity to create a water feature to enhance the campus entry experience.

#### Tree Schedule

| BOTANICAL NAME                  | COMMON NAME         | MATURE SIZE (H x W) |
|---------------------------------|---------------------|---------------------|
| <i>Angophora costata</i>        | Smooth-Barked Apple | 15 x 10 m           |
| <i>Allocasuarina littoralis</i> | Black She-Oak       | 8 x 4 m             |
| <i>Allocasuarina torulosa</i>   | Forest Oak          | 8 x 4 m             |
| <i>Ceratopetalum apetalum</i>   | Coachwood           | 12 x 8 m            |
| <i>Eucalyptus globoidea</i>     | White Stringybark   | 20 x 10 m           |
| <i>Eucalyptus paniculata</i>    | Grey Ironbark       | 20 x 10 m           |
| <i>Eucalyptus saligna</i>       | Sydney Blue Gum     | 20 x 10 m           |
| <i>Syncarpia glomulifera</i>    | Turpentine          | 25 x 12 m           |
| <i>Synoum glandulosum</i>       | Scentless Rosewood  | 8 x 4 m             |
| <i>Tristaniopsis laurina</i>    | Water Gum           | 7 x 5 m             |



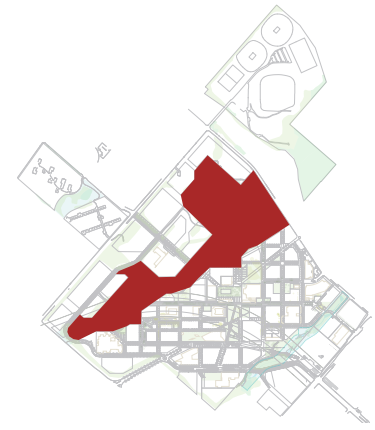


**LEGEND**

- |   |                           |                                     |  |
|---|---------------------------|-------------------------------------|--|
| OPEN SPACE / PUBLIC DOMAIN              | PRIMARY PEDESTRIAN LINK   | WATER SENSITIVE URBAN DESIGN (WSUD) | SIGNIFICANT TREES TO BE RETAINED             |
| EXISTING BUILDING TO BE RETAINED        | SECONDARY PEDESTRIAN LINK | SOLAR ACCESS TO OPEN SPACE          | SIGNIFICANT TREES TO BE RETAINED IF POSSIBLE |
| NEW BUILDING PROPOSED WITHIN MASTERPLAN | GREEN LINKS               | IMPORTANT VIEW CORRIDORS            | EDGE TREATMENT                               |
| LOT BOUNDARIES                          | GROUND FLOOR ACTIVATION   |                                     |  |



### 3. PUBLIC DOMAIN



#### 3.5.2 Mars Creek

Mars Creek is to be celebrated as a substantial natural resource within the campus. It is to be rehabilitated with a modified watercourse and new planting along the corridor boundary to enable important biodiversity regrowth, establishing a maturing habitat for the University population to enjoy.

#### Landscape Principles

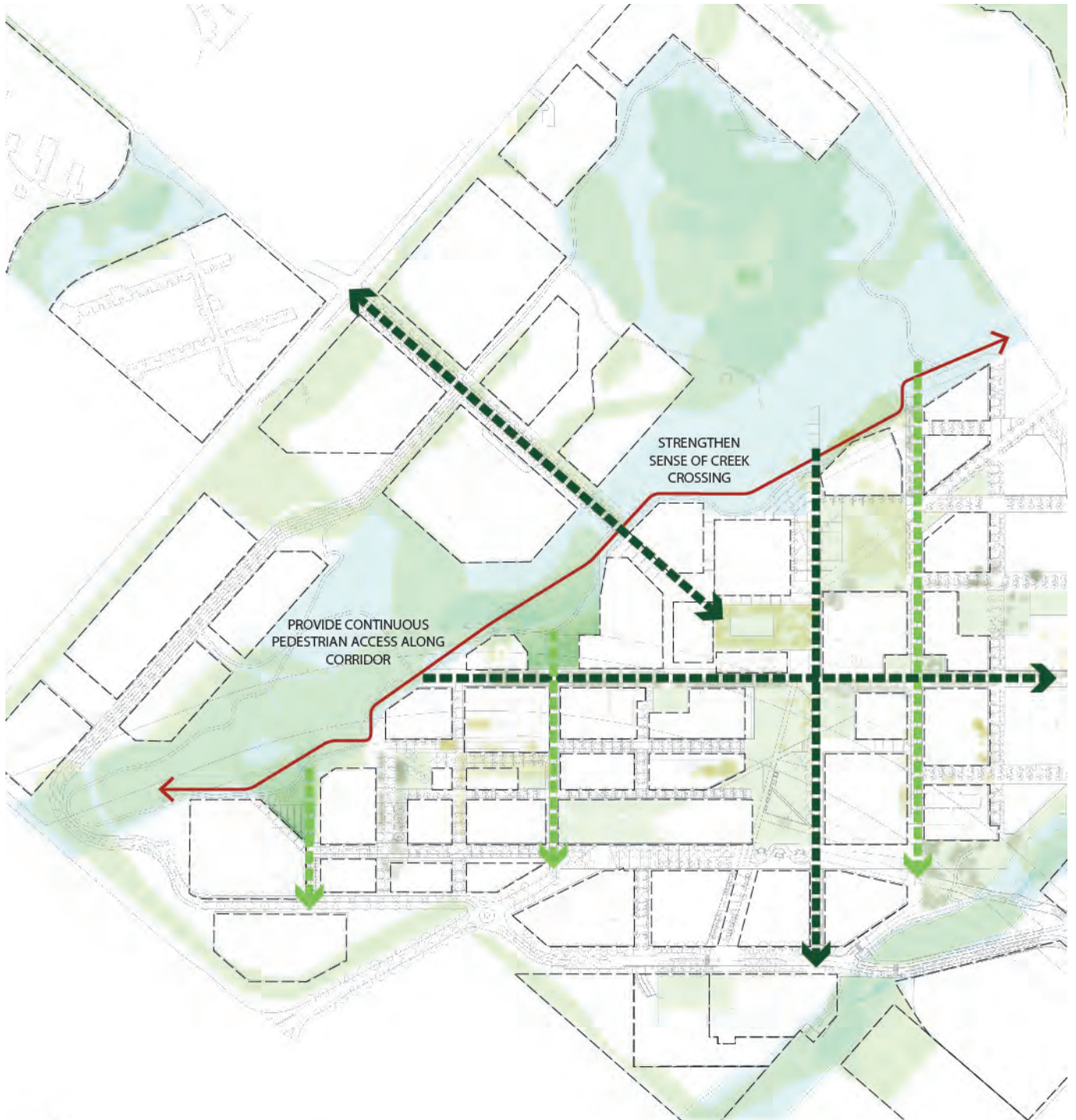
- Retain the open character of the creek corridor, with planting focused along the corridor boundaries and existing long distance vistas retained.
- Create a defined riparian landscape adjoining the Academic Core and development parcels to the northern bank with perimeter pedestrian paths to the creek space.

- Rehabilitate and naturalise the creek line, retain and rehabilitate existing vegetation pockets and create a more natural sinuous creek alignment at the upper reaches.
- Ensure that buildings address the open space.
- Realign perimeter pathways to promote continuity of the watercourse with small crossings and pathways encouraging visitation.
- Create a variety of landscapes and water forms, ranging from smaller quieter spaces at the higher western reaches, down to the lake expanse and toward Lane Cove River across the M2 Motorway.
- Ensure that satisfactory pollution control measures are installed at appropriate locations.
- Complete flora and fauna studies for the habitat within the creek corridor.
- Redesign stormwater catchment and outflows to redirect surface catchment from the Academic Core away from the parkland.
- Provide interesting areas of open space for passive recreation and cultural campus events.
- Provide a walking track that relates to the creek, vegetation pockets and cultural spaces.
- Provide further opportunities for and encourage art and sculpture installations within the landscape that relate to the different precincts around Mars Creek.

#### Tree Schedule

| BOTANICAL NAME                | COMMON NAME             | MATURE SIZE (H x W) |
|-------------------------------|-------------------------|---------------------|
| <i>Angophora costata</i>      | Smooth-Barked Apple     | 15 x 10 m           |
| <i>Corymbia maculata</i>      | Spotted Gum             | 20 x 10 m           |
| <i>Eucalyptus crebra</i>      | Narrow-Leaved Ironbark  | 20 x 10 m           |
| <i>Eucalyptus eugenioides</i> | Thin-Leaved Stringybark | 20 x 10 m           |
| <i>Eucalyptus fibrosa</i>     | Red Ironbark            | 20 x 10 m           |
| <i>Eucalyptus globoidea</i>   | White Stringybark       | 20 x 10 m           |
| <i>Eucalyptus notabilis</i>   | Mountain Mahogany       | 15 x 10 m           |
| <i>Eucalyptus paniculata</i>  | Grey Ironbark           | 20 x 10 m           |
| <i>Eucalyptus punctata</i>    | Grey Gum                | 15 x 8 m            |
| <i>Syncarpia glomulifera</i>  | Turpentine              | 25 x 12 m           |

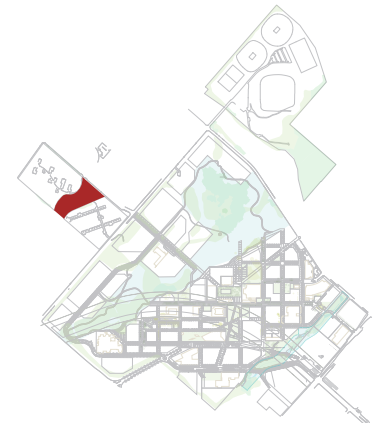




**LEGEND**

- |   |                           |                                     |  |
|---|---------------------------|-------------------------------------|--|
| OPEN SPACE / PUBLIC DOMAIN              | PRIMARY PEDESTRIAN LINK   | WATER SENSITIVE URBAN DESIGN (WSUD) | SIGNIFICANT TREES TO BE RETAINED             |
| EXISTING BUILDING TO BE RETAINED        | SECONDARY PEDESTRIAN LINK | SOLAR ACCESS TO OPEN SPACE          | SIGNIFICANT TREES TO BE RETAINED IF POSSIBLE |
| NEW BUILDING PROPOSED WITHIN MASTERPLAN | GREEN LINKS               | IMPORTANT VIEW CORRIDORS            | EDGE TREATMENT                               |
| LOT BOUNDARIES                          | GROUND FLOOR ACTIVATION   |                                     |  |
- 0 125 250m

### 3. PUBLIC DOMAIN



#### 3.5.3 Culloden Creek

Culloden Creek is located in the central area of the Macquarie University Village. The creek corridor has the potential to build upon the existing Sydney Turpentine-Ironbark Forest located to the south-west of the Village, and will play an important role within the future increase in density of the Village.

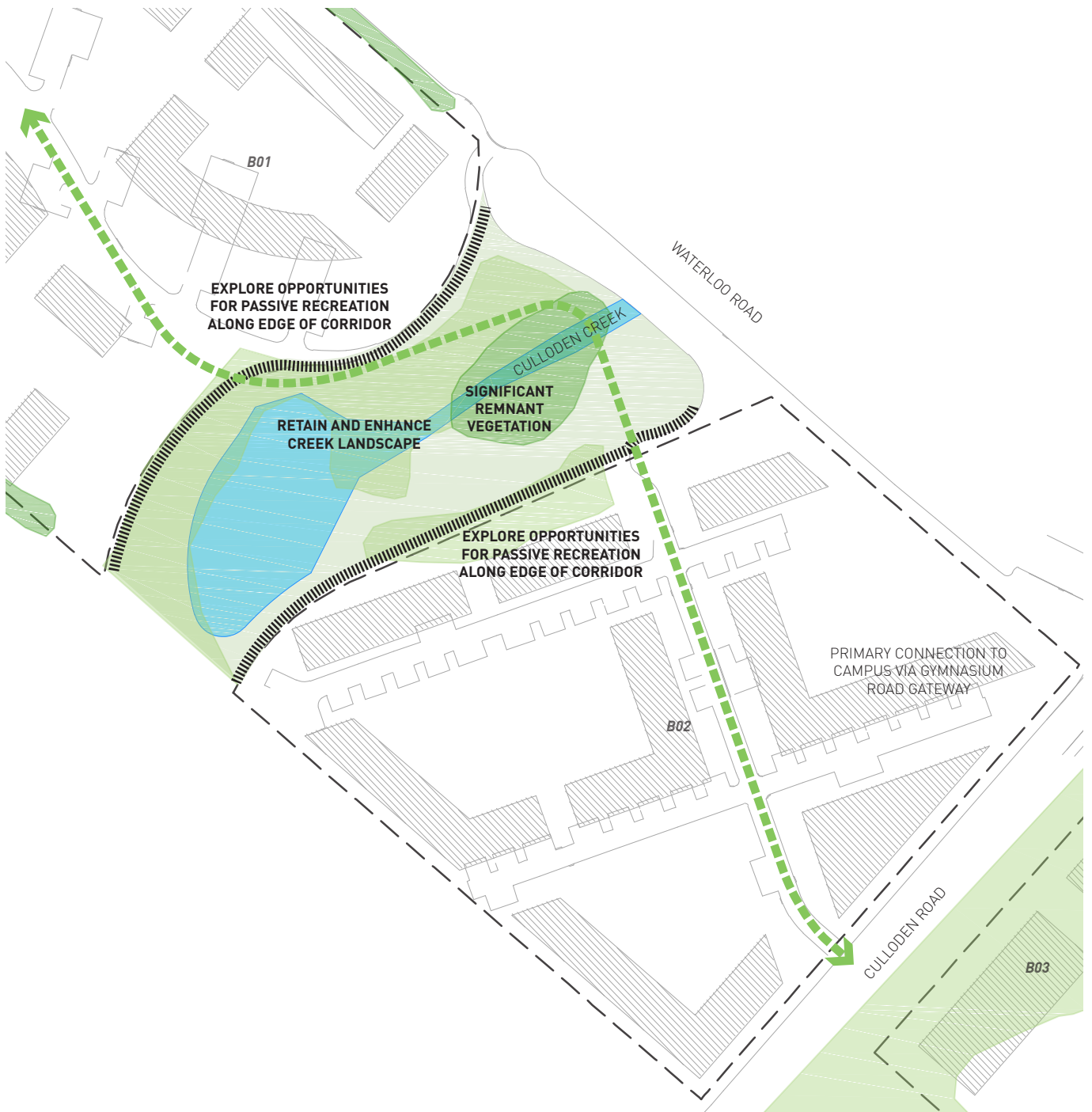
#### Landscape Principles

- Ensure that the future development of the Macquarie University Village does not negatively impact the ecological health of the creek corridor.
- Consider the opportunity for future development to address the creek corridor with shared open space along its fringe.
- Enhance the future recreational amenity of the creek corridor to provide for the future needs of the Village.















#### Tree Schedule

| BOTANICAL NAME                | COMMON NAME             | MATURE SIZE (H x W) |
|-------------------------------|-------------------------|---------------------|
| <i>Eucalyptus crebra</i>      | Narrow-Leaved Ironbark  | 20 x 10 m           |
| <i>Eucalyptus eugenioides</i> | Thin-Leaved Stringybark | 20 x 10 m           |
| <i>Eucalyptus fibrosa</i>     | Red Ironbark            | 20 x 10 m           |
| <i>Eucalyptus globoidea</i>   | White Stringybark       | 20 x 10 m           |
| <i>Eucalyptus paniculata</i>  | Grey Ironbark           | 20 x 10 m           |
| <i>Eucalyptus punctata</i>    | Grey Gum                | 15 x 8 m            |
| <i>Eucalyptus resinifera</i>  | Red Mahogany            | 25 x 10 m           |
| <i>Syncarpia glomulifera</i>  | Turpentine              | 25 x 12 m           |





**LEGEND**

- |   |   |   |  |
|---|---|---|--|
|  OPEN SPACE / PUBLIC DOMAIN              |  PRIMARY PEDESTRIAN LINK   |  WATER SENSITIVE URBAN DESIGN (WSUD) |  SIGNIFICANT TREES TO BE RETAINED             |
|  EXISTING BUILDING TO BE RETAINED        |  SECONDARY PEDESTRIAN LINK |  SOLAR ACCESS TO OPEN SPACE          |  SIGNIFICANT TREES TO BE RETAINED IF POSSIBLE |
|  NEW BUILDING PROPOSED WITHIN MASTERPLAN |  GREEN LINKS               |  IMPORTANT VIEW CORRIDORS            |  EDGE TREATMENT                               |
|  LOT BOUNDARIES                          |  GROUND FLOOR ACTIVATION   |   |  |



### 3. PUBLIC DOMAIN

#### 3.6 SPORTS FIELDS AND FACILITIES

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##### 3.6.1 Macquarie University Sports Fields

The Macquarie University Sports Fields are located on the corner of Talavera Road and Culloden Road. This sporting precinct provides approximately seven hectares of high quality specialist playing areas that can be configured to a variety of uses.

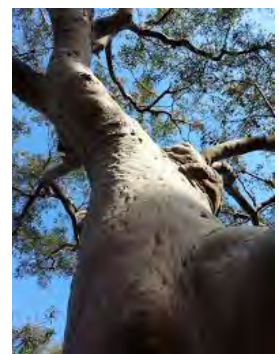
##### Landscape Principles

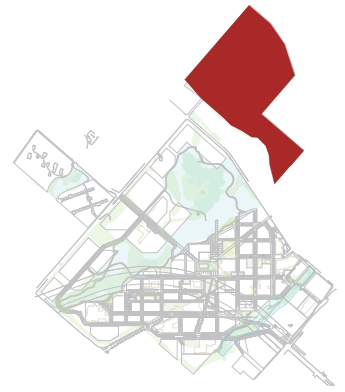
- Maintain, enhance and consider opportunities to expand the existing Hornsby Enriched Sandstone Exposed Woodland.

##### Tree Schedule

| BOTANICAL NAME                   | COMMON NAME               | MATURE SIZE (H x W) |
|----------------------------------|---------------------------|---------------------|
| <i>Angophora costata</i> *       | Smooth-Barked Apple       | 15 x 10 m           |
| <i>Corymbia gummifera</i> *      | Red Bloodwood             | 25 x 10 m           |
| <i>Eucalyptus haemastoma</i> *   | Broad-Leaved Scribbly Gum | 15 x 10 m           |
| <i>Eucalyptus piperita</i> *     | Sydney Peppermint         | 20 x 10 m           |
| <i>Eucalyptus racemosa</i>       | Scribbly / Snappy Gum     | 20 x 10 m           |
| <i>Eucalyptus sclerophylla</i> * | Hard-Leafed Scribbly Gum  | 20 x 10 m           |
| <i>Eucalyptus squamosa</i> *     | Scaly Bark                | 12 x 7 m            |

\* denotes species from the broader Sydney Sandstone Ridge-top Woodland community.





**LEGEND**

|   |                           |                                     |  |
|---|---------------------------|-------------------------------------|--|
| OPEN SPACE / PUBLIC DOMAIN              | PRIMARY PEDESTRIAN LINK   | WATER SENSITIVE URBAN DESIGN (WSUD) | SIGNIFICANT TREES TO BE RETAINED             |
| EXISTING BUILDING TO BE RETAINED        | SECONDARY PEDESTRIAN LINK | SOLAR ACCESS TO OPEN SPACE          | SIGNIFICANT TREES TO BE RETAINED IF POSSIBLE |
| NEW BUILDING PROPOSED WITHIN MASTERPLAN | GREEN LINKS               | IMPORTANT VIEW CORRIDORS            | EDGE TREATMENT                               |
| LOT BOUNDARIES                          | GROUND FLOOR ACTIVATION   |                                     |  |

### 3. PUBLIC DOMAIN

#### 3.7 CAMPUS GATEWAYS

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##### 3.7.1 Herring Road Gateway

As the primary point of entry to the campus, the Herring Road Gateway has assumed an increased importance since the construction of the Macquarie University train station and is now the 'front door' to the University. The pedestrian environment remains challenging with high volumes of pedestrian flows and traffic converging around this intersection.

Responding to the potential of future growth in the Macquarie Park corridor, the Master Plan seeks to reinforce the entry and the quality of the arrival experience and accommodate increased flows of students from the station and bus interchange on Herring Road.

##### Landscape Principles

- Create a dramatic and iconic landscape entry to Macquarie University.
- Improve the pedestrian experience and flows into the campus.
- Provide a material palette consistent with the adjoining public domain of Macquarie Park.
- Maintain a clear vista into the campus from viewpoints along Waterloo Road to the south-east.

##### Tree Schedule

| BOTANICAL NAME                | COMMON NAME           | MATURE SIZE (H x W) |
|-------------------------------|-----------------------|---------------------|
| <i>Agathis robusta</i>        | Queensland Kauri Pine | 20 x 10 m           |
| <i>Malus ionensis</i> 'Plena' | Bechtel's Crabapple   | 6 x 5 m             |
| <i>Pyrus calleryana</i>       | Chanticleer           | 8 x 5 m             |
| <i>Syzygium anisata</i>       | Ringwood              | 12 x 6 m            |
| <i>Tristaniopsis laurina</i>  | Water Gum             | 7 x 5 m             |

