



BURGUNDY & POWLETT STREET RESERVES

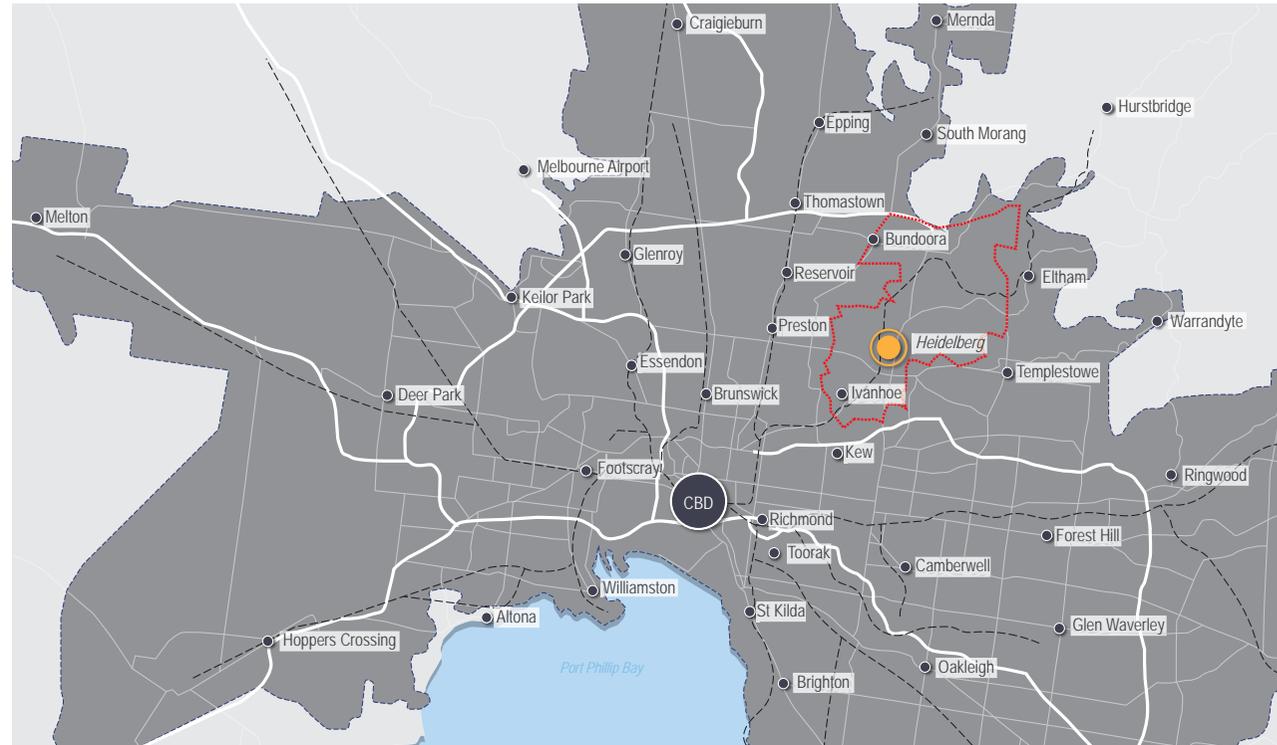
Part 2: draft masterplan report

prepared by hansen partnership pty ltd

August 2017

CONTENTS

1	Introduction	1
2	Masterplan zones	2
	2.1 Zone 1 - Burgundy Street East Overall Concept	3
	2.2 Zone 2 - Burgundy Street West Overall Concept	5
	2.3 Zone 3 - Powlett Street Overall Concept	7
	2.4 Leaf shelter and activity area	9
3	Concept	11
	3.1 Built form & land use	11
	3.2 Access & connections	15
	3.3 Landscape & environment	19
4	Material, finishes & planting	23
	4.1 Planting palette	23
	4.2 Furniture palette	27
	4.3 Materials & finishes palette	28



Metropolitan context.

version	title	date	for
Draft	Burgundy & Powlett St Reserves - draft masterplan report	29.06.2017	Council Review
V1	Burgundy & Powlett St Reserves - draft masterplan report	01.08.2017	Council Review
V2	Burgundy & Powlett St Reserves - draft masterplan report	16.08.2017	Final issue

1 INTRODUCTION

Hansen Partnership has been engaged by Banyule City Council to prepare a Masterplan for the upgrade of the Burgundy & Powlett Street reserves in Heidelberg. Previously we have issued Part 1 of the masterplan report: site analysis & consultation report. This report is Part 2: masterplan report which will provide a vision and framework for coordinated decision making to improve the character, amenity and facilities of Burgundy & Powlett Street

DRAFT MASTERPLAN

Following the site analysis and identification of issues, opportunities and constraints, we have prepared a masterplan and action plan to present a vision and framework for Burgundy & Powlett street reserves.

This report will:

1. Present the draft masterplan for Burgundy & Powlett Street reserves.
2. Illustrate the draft masterplan and key actions.
3. Provide you with a summary of key initiatives and actions for the future.
4. Enable council to engage the community by presenting the draft masterplan to the public and seek further input from the community.

OPPORTUNITIES FOR FURTHER COMMENT

In this phase, we will undertake a second round of community engagement. Community members have the opportunity to provide input into the draft masterplan design in a variety of direct and indirect forms. This will ensure the project is well rooted within the community.

We will:

- assist council with the information published on the **'Shaping Banyule' website** to provide an online platform for the community to have their say about the masterplan and be able to post comments, likes and dislikes.

Following the public exhibition of the draft masterplan we will review the comments, adjust the masterplan where necessary and issue the final masterplan to council.



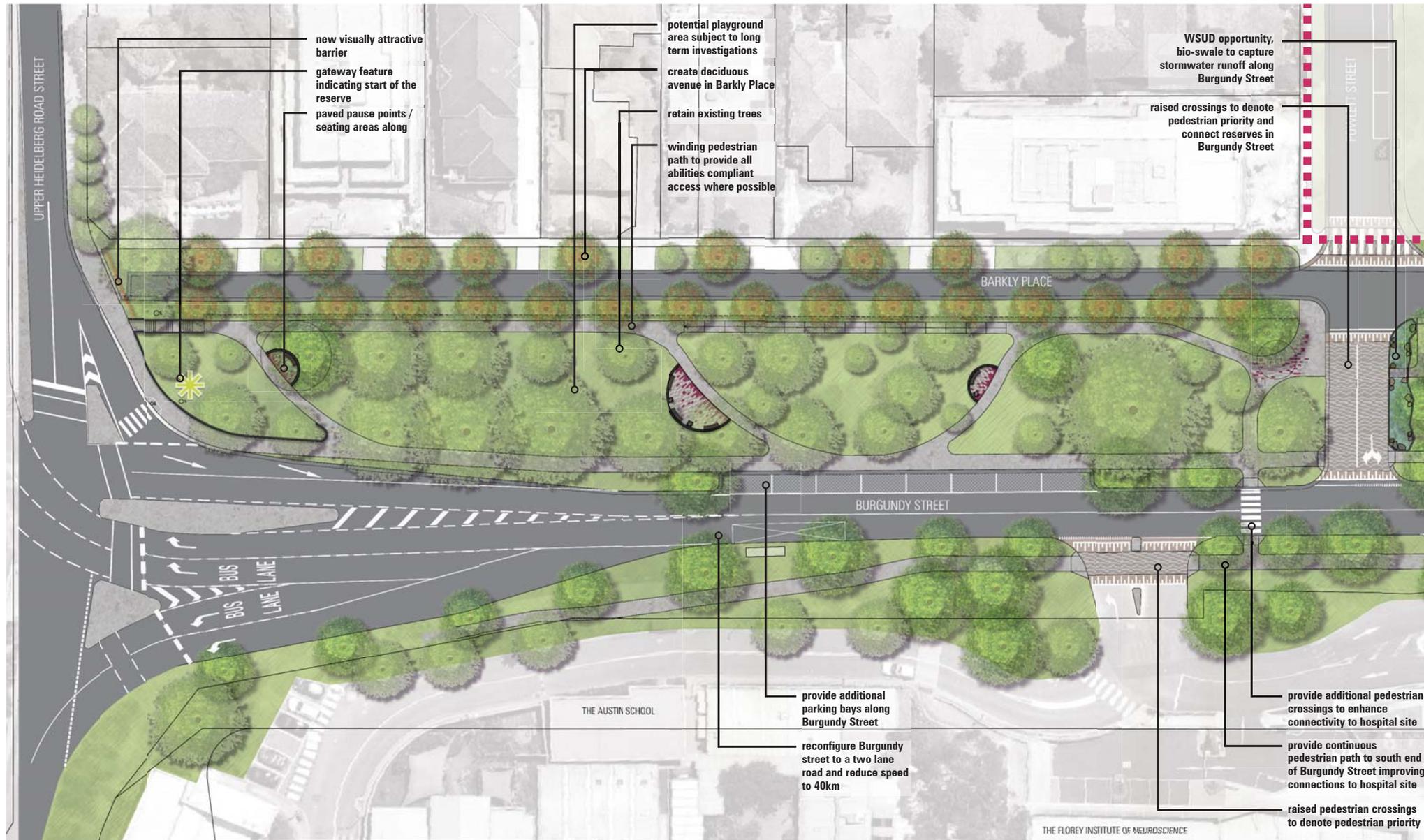
2 MASTER PLAN ZONES

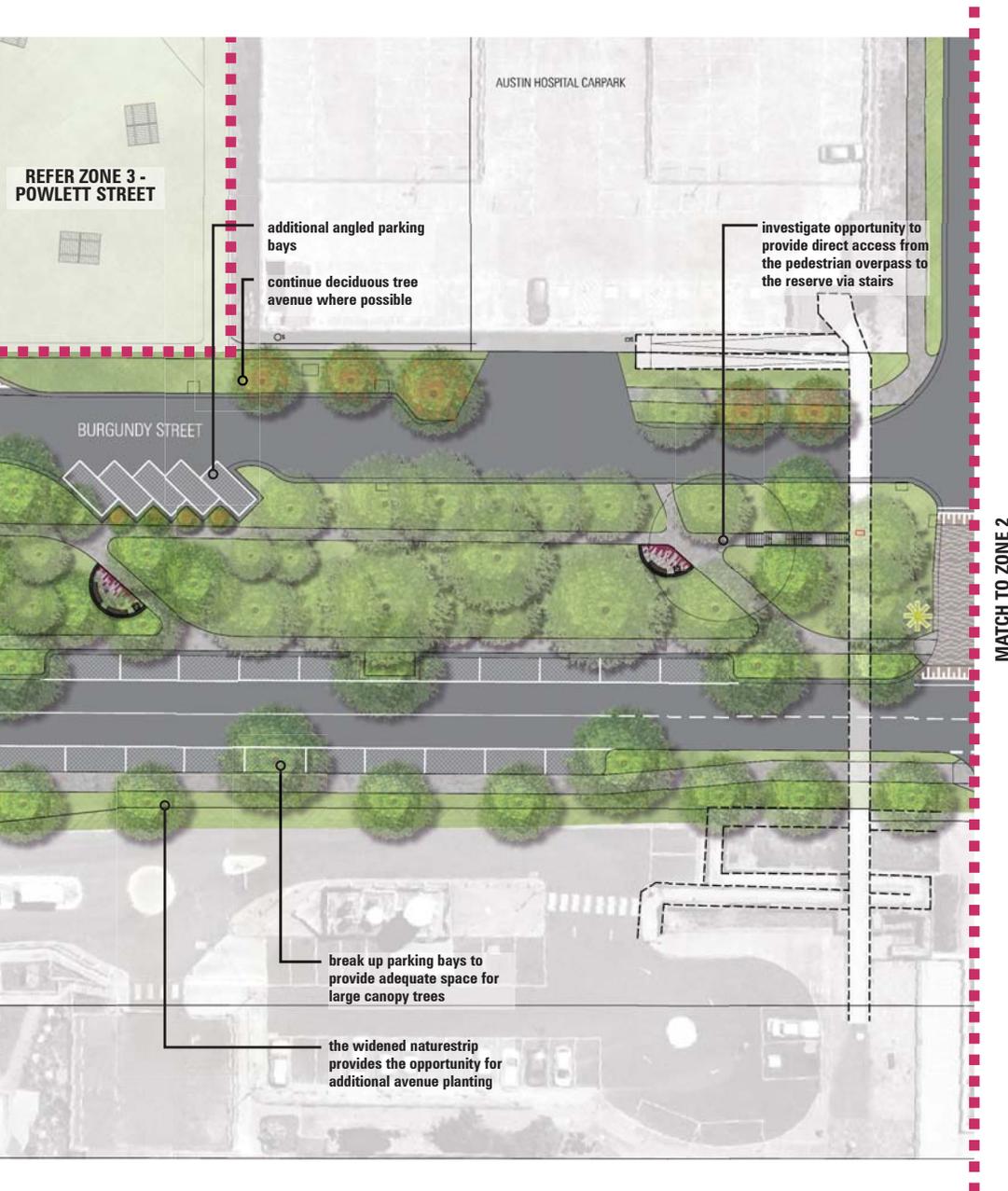
- ZONE 01 - Burgundy Street East
- ZONE 02 - Burgundy Street West
- ZONE 03 - Powlett Street



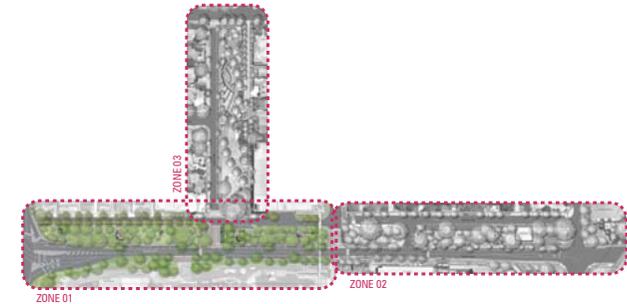
KEY PLAN

2.1 Zone 1- Burgundy Street East - Upper Heidelberg Road to Martin Street





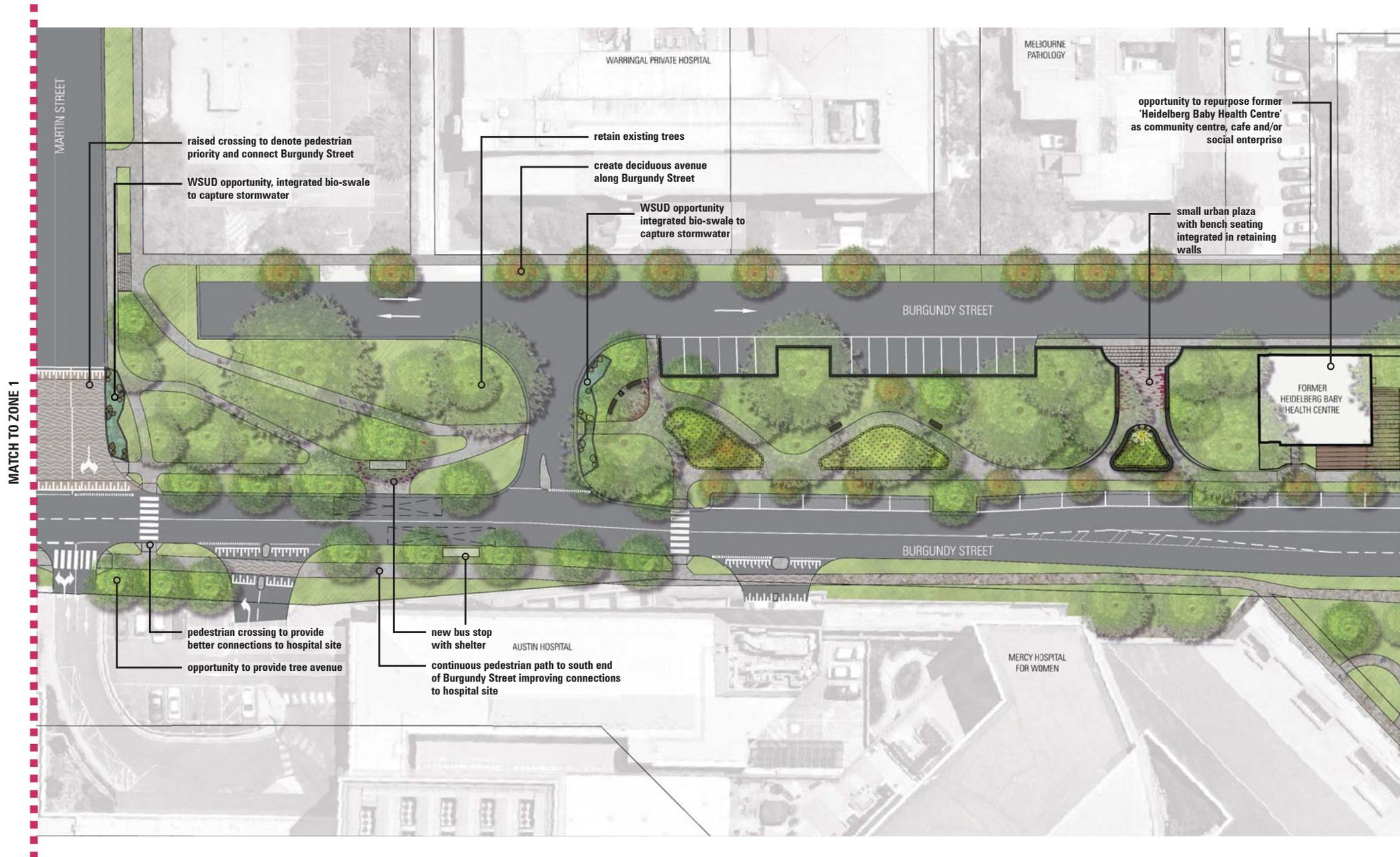
KEY PLAN

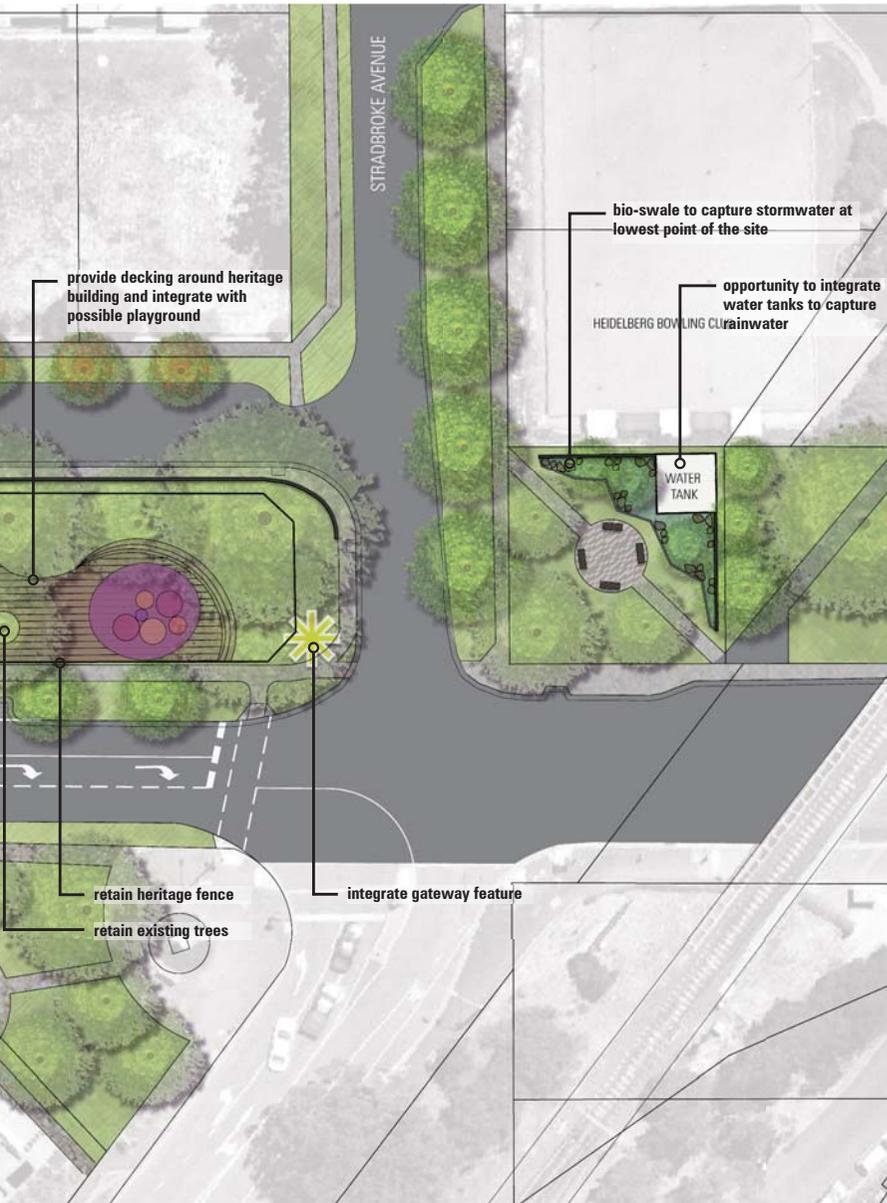


KEY PRINCIPLES

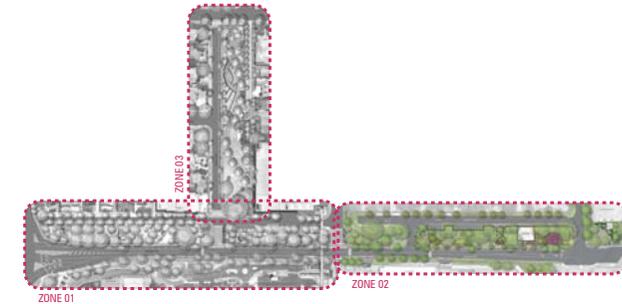
- Support the proposal to retain Burgundy Street as a two-way road, redesigning to increase parking capacity and review reducing the road speed (40km/hr) to emphasise pedestrian priority.
- Improve the walkability and accessibility of the reserves by addressing the steep slopes and provide all abilities access where possible.
- Improve public gathering spaces in Burgundy Street to assist with topography and passive uses.
- Improve connectivity between reserves by providing raised, pedestrian priority crossings.
- Improve access between the reserves and the western side of Burgundy street by providing more safe pedestrian crossings and reducing the road speed of Burgundy Street to emphasise pedestrian priority.
- Review the Upper Heidelberg Road and Burgundy Street intersection to improve pedestrian priority and access - with the potential for a dedicated crossing at the slip lane and priority bicycle/pedestrian movements and lights.
- Encourage new gateway elements to improve the identity of Heidelberg Activity Centre and medical precinct.
- Integrate bio-swales/WSUD treatments at key points along Burgundy Street to capture storm water runoff.
- Improve signage and wayfinding.
- Provide deciduous avenue along Barkly Place and Burgundy Street.

2.2 Zone 2 - Burgundy Street West - Martin Street to Stradbroke Avenue





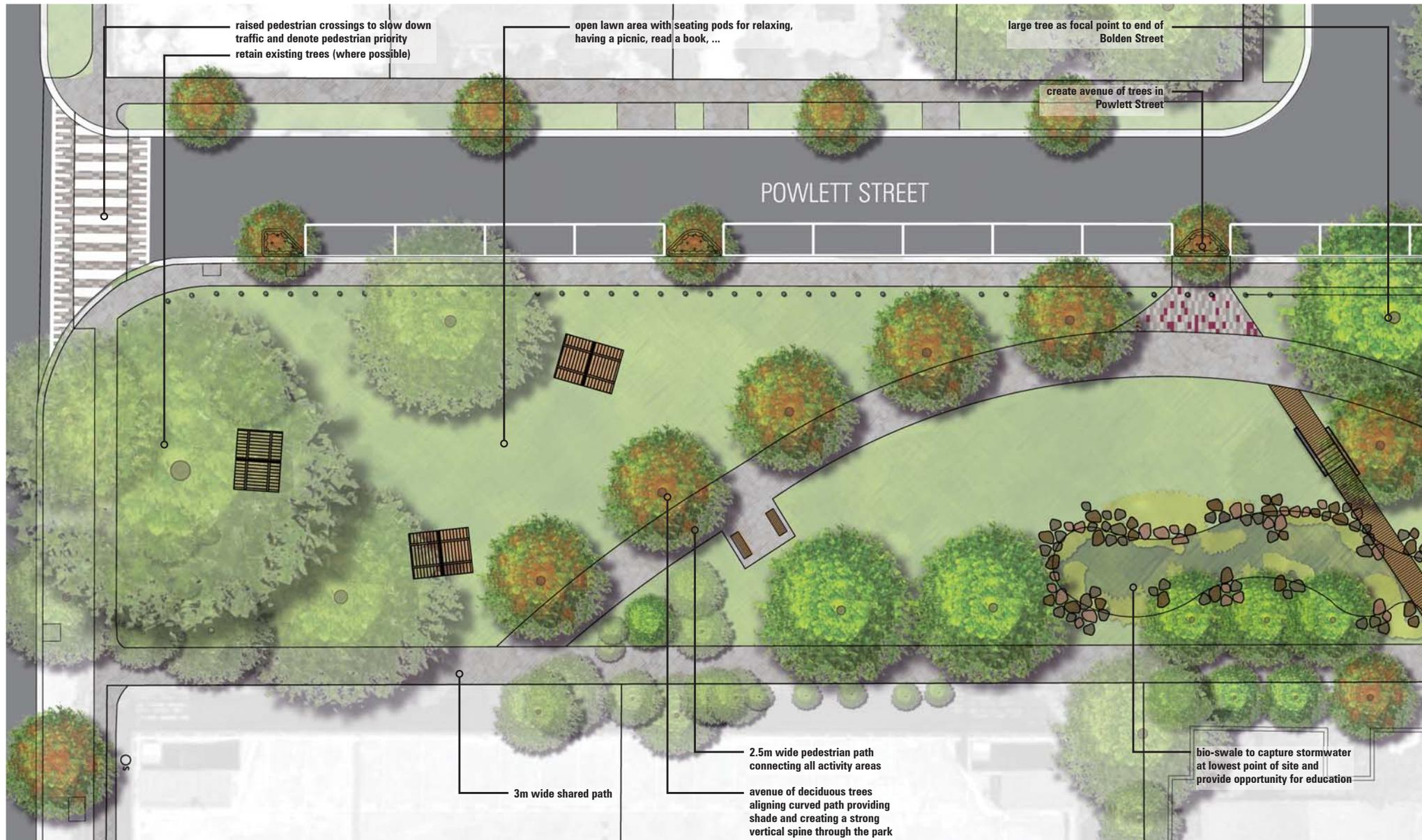
KEY PLAN

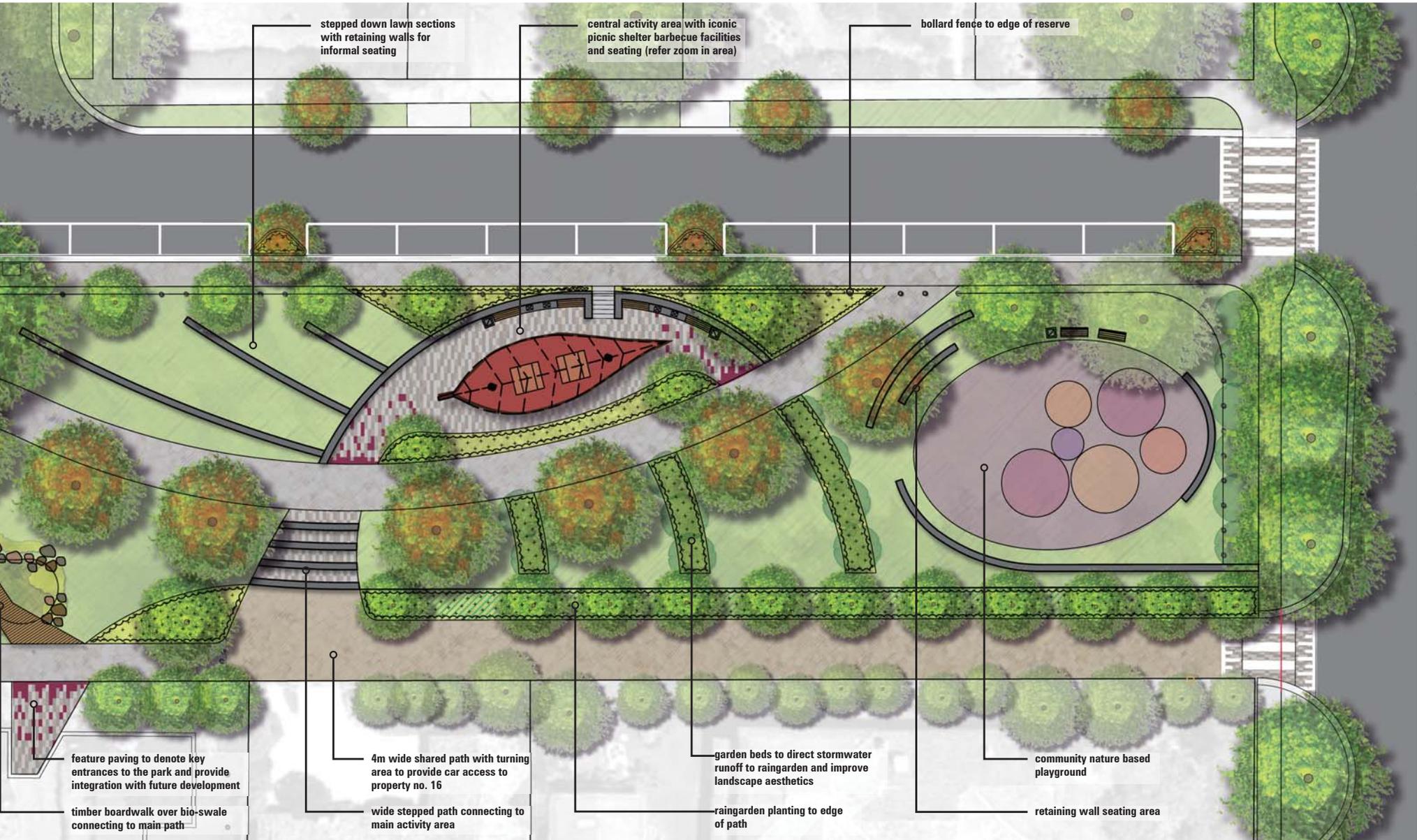


KEY PRINCIPLES

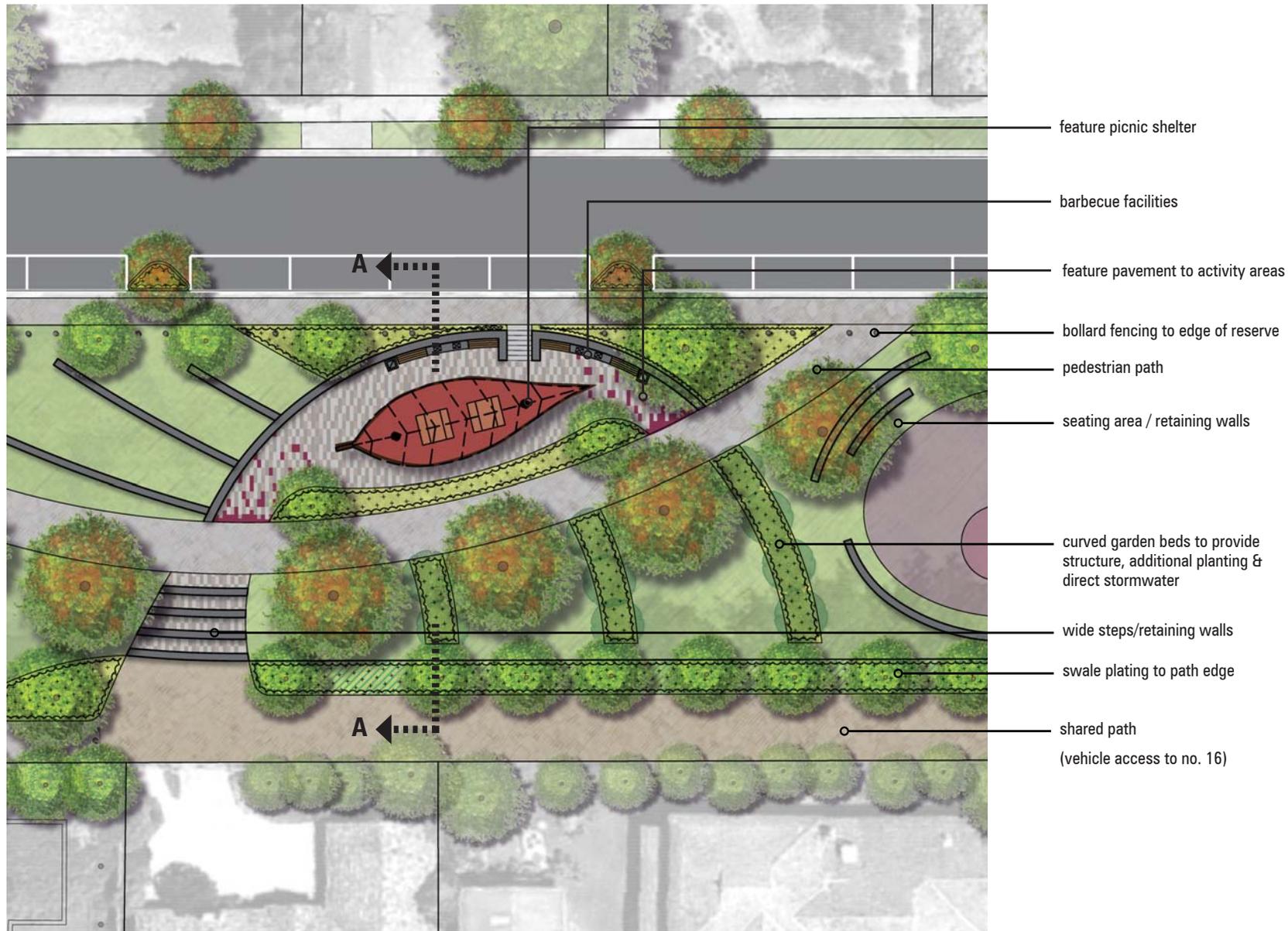
- Support the proposal to retain Burgundy Street as a two-way road, redesigning to increase parking capacity and review reducing the road speed (40km/hr) to emphasise pedestrian priority.
- Improve public gathering spaces in Burgundy Street to assist with topography and passive uses.
- Improve connectivity between reserves by providing raised, pedestrian priority crossings.
- Improve access between the reserves and the western side of Burgundy street by providing more safe pedestrian crossings and reducing the road speed of Burgundy Street to emphasise pedestrian priority.
- Opportunity to provide bio-swale at lowest point of the site to capture, treat and store stormwater for re-use.
- Encourage new gateway elements to improve the identity of Heidelberg Activity Centre and medical precinct.
- Improve signage and wayfinding.
- Investigate the opportunity to repurpose the former 'Heidelberg Baby Health Centre' as community centre, cafe and/or social enterprise.
- Integrate community playground to cater for both local residents as visitors to the medical precinct.
- Provide deciduous avenue along Burgundy Street.
- Integrate bio-swales/WSUD treatments at key points along Burgundy Street to capture storm water runoff.

2.3 Zone 3 - Powlett Street





2.4 Leaf shelter and entertaining area





3D visualisation feature 'leaf' shelter



Section AA

3 MASTERPLAN ACTIONS

3.1 Built form & land use

B1 – Increase the quantity of open space within high demand and expected population areas.

The Burgundy and Powlett street reserves are currently listed as road reserves. One of the initiatives seeks to protect and secure the green open spaces as public reserves by reviewing the land ownership / zoning and extending the Public Park and Recreation Zone throughout the subject site. This will reinforce the importance of the reserves as green open spaces in the area and protect them from future development plans.

With the expected increase in population to the area, these green open spaces will play a crucial role in the wellbeing of future residents. Providing open space to relax, exercise, gather, play, etc.

B2 – Improved public gathering and shade spaces in Powlett St for employees, visitors and residents.

While Powlett Street reserve is currently utilised by local residents, visitors to the area and community members it lacks shade and proper amenities to invite people to stay and spend some time in the reserve.

With the increase of population to the area in the future and the increase in high rise development framing Powlett Street reserve, the masterplan identifies the opportunity to develop Powlett Street reserve as a 'common'.

To activate the Powlett Street common, there is a need for design and implementation of a public, civic plaza and shelter structure. The active plaza will act as the heart of the Powlett Street common and facilitate both larger community gatherings and flexible small events such as movies in the park, community barbecues, birthday parties etc.

The shelter design provides the ideal opportunity to create an iconic space that will help determine the identity of Powlett Street reserve.

Furthermore a series of picnic pods scattered in the open lawn area at the western side of the reserve will facilitate both lunch-time and out of hours use. Together with a series of small seating areas in the form of seating walls they provide spaces for passive use or respite.

The results from the community consultation also indicated a need for more and better tree canopy cover in the Powlett Street common. Whilst tree planting is encouraged in certain areas, it is important to maintain a balance between increased tree coverage and vegetation and maintaining the open space character of the common.

B3 – Improved public gathering in Burgundy St to assist with the topography and passive uses

The Burgundy Street reserves are recognised as important thoroughfares, linking the medical precinct with the station and surrounding urban fabric. Therefore it is important to maintain this circulation and allow pedestrians and cyclist to move safely to and from their destinations.

To address the steep topography in Burgundy Street reserve, a series of pause points have been identified along the pedestrian paths. These accessible, passive seating nodes at key locations will provide much needed areas of respite when travelling up the hill.

Whilst these pause points play a vital role in improving the walkability of the site, there are other opportunities to broaden the availability of informal social interaction and enjoyment through the introduction of a small plaza and public gathering space at the key intersection near the former 'Heidelberg Baby Health Centre'.

The existing garden at the corner of Stradbroke Avenue and Burgundy street will be renovated to possibly include a small civic plaza, cycling facilities like a repair station, raingarden to address stormwater runoff, entry markers and tall tree canopy to improve shade amenities.

B4 – Improve the functioning of the former 'Heidelberg Baby Health Centre'

The former 'Heidelberg Baby Health Centre' has a heritage significance to the area and is centrally located within the reserve. Further activation of this site is supported and encouraged by the masterplan.

The masterplan seeks to preserve the heritage significance of the site and activate the currently under utilised space. The building and adjoining garden area has the opportunity to be renewed and re-used. The former 'Heidelberg Baby Health Centre' has the opportunity to operate as a community hub and social enterprise, incorporating a cafe, bicycle hub and playground. In association with the Leasee, the masterplan will implement works to activate the use, improve functionality of the building and grounds and to take advantage of the potential commerce, retail and aspect afforded by the site. Any works should be sensitive and have regard to the heritage significance of the site.

As additional activities establish on the site or existing uses become more intense, there is likely to be a need for additional public toilet facilities and end-of-trip facilities for community use.

B5 – Provide for new playgrounds as part of the Latrobe Employment cluster and high population densities of Heidelberg Activity Centre

The Powlett Street common is identified as the ideal location to design and implement a local level, natural play space that will cater to the changing and increasing demographic. The playground has the opportunity to become a real feature and attraction of the Powlett Street common, together with the shelter and plaza area. Maintaining the open character of the common provides open space lawn space for unstructured play, running around or kicking a football.

In Burgundy Street, the site of the former 'Heidelberg Baby Health Centre' has been identified as a potential site for a more structured community playground, servicing both local residents and community members as visitors to the medical precinct.

An additional location, at the north-western end of Burgundy Street Reserve, closer to Upper Heidelberg Road and the top of Burgundy street, has been recognised as a potential future playground site. Further long term investigations and monitoring of population growth need to be undertaken to confirm the potential need for a playground in that location.

Fencing and other safety measures such as bollards are to be implemented around the perimeter of the play areas to ensure safety of users.

B6 – Encourage new development to front onto the Powlett Street common

A number of new developments fronting the Powlett Street common have been approved or are under construction. The masterplan seeks to review the Heidelberg structure plan to ensure and encourage new developments to front Powlett Street common and provide active frontages or connections within the open space areas. The relationship of any new built forms and the common must be carefully managed and monitored to complement the common.

B7 – Encourage new gateway elements to improve the identity of Heidelberg Activity Centre and the medical precinct.

Currently the Burgundy and Powlett Street reserves lack identity. There are clear opportunities to enhance the experience of arriving to the Heidelberg Activity Centre and medical precinct. Primarily these relate to the introduction of landscaping and signage at key entry locations to either frame/ enhance or screen views. The masterplan seeks to review the creative arts strategy and programming for new complementary artwork at key locations to enhance and improve the identity of Heidelberg Activity Centre and the medical precinct.

Gateway artwork at the top and bottom of Burgundy street and other key locations will welcome visitors, make people aware of their location and create a sense of threshold.

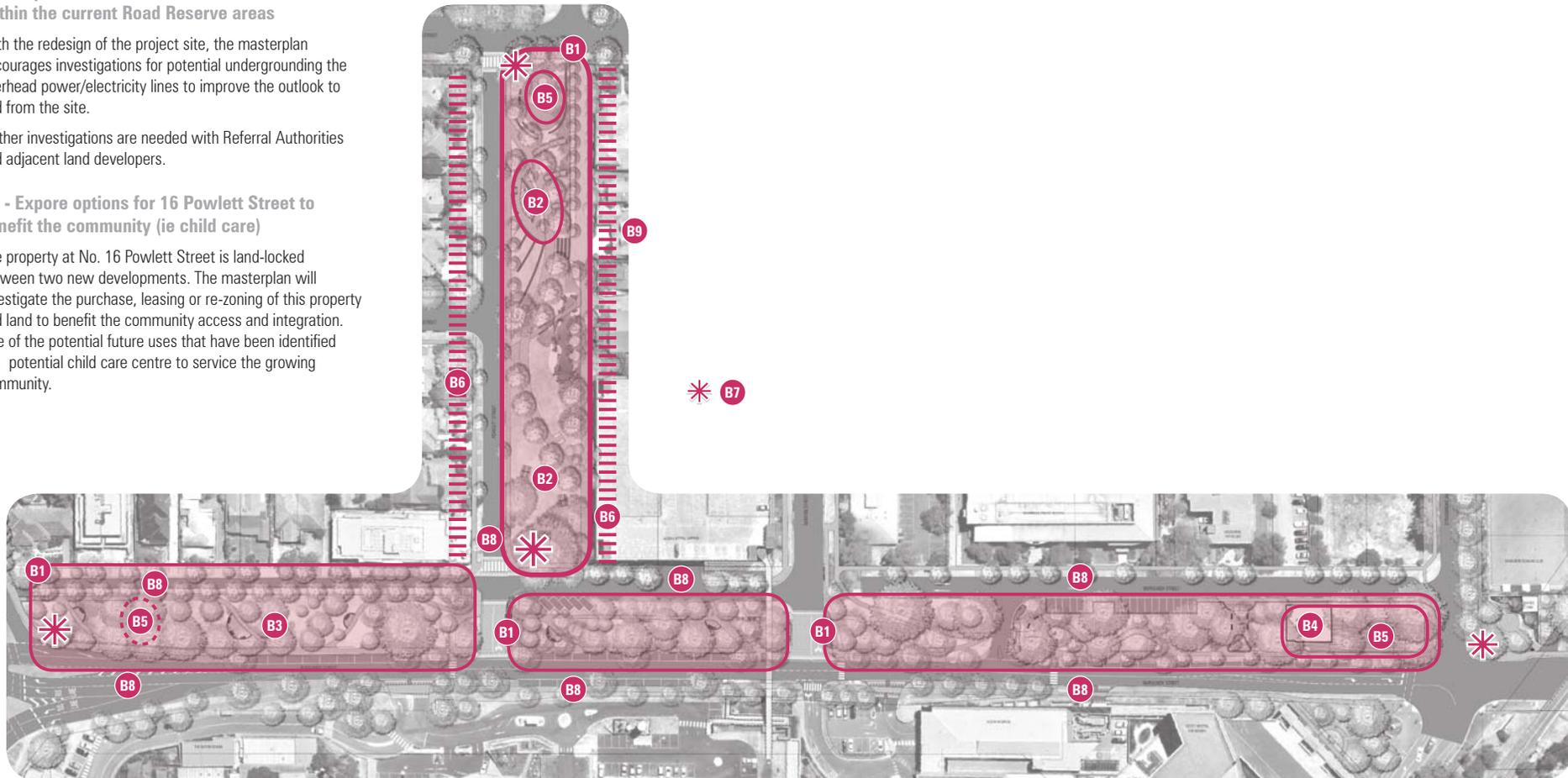
B8 - Explore the removal of visual obstructions within the current Road Reserve areas

With the redesign of the project site, the masterplan encourages investigations for potential undergrounding the overhead power/electricity lines to improve the outlook to and from the site.

Further investigations are needed with Referral Authorities and adjacent land developers.

B9 - Explore options for 16 Powlett Street to benefit the community (ie child care)

The property at No. 16 Powlett Street is land-locked between two new developments. The masterplan will investigate the purchase, leasing or re-zoning of this property and land to benefit the community access and integration. One of the potential future uses that have been identified is a potential child care centre to service the growing community.



Built Form & Heritage		
#	Initiative	Actions
B1	Increase the quantity of open space within high demand and expected population areas.	<ul style="list-style-type: none"> Seek to secure the open spaces as public reserves, by reviewing land ownership / zoning and extending the PPRZ zone throughout the subject site.
B2	Improved public gathering and shade spaces in Powlett St for employees, visitors and residents.	<ul style="list-style-type: none"> Design and implement a public, civic plaza and shelter structure within the Powlett Street common to facilitate larger community gathering and flexible small event space (including lighting, 3 phase power, terracing, surfacing, stormwater connection and furniture). Design and implement small seating spaces for passive use or respite. Install picnic table 'pods' to locations that facilitate both lunch-time and out of hours use. Design and implement passive seat nodes in key locations along the Burgundy Street reserve, including accessible seating.
B3	Improved public gathering in Burgundy St to assist with the topography and passive uses	<ul style="list-style-type: none"> Renovate the existing garden at the corner of Stradbroke Avenue and Burgundy Street, following any stormwater improvements - which may include a small civic plaza space, cycling facilities, bus stop seating, entry markers and tall tree canopy.
B4	Improve the functioning of the former 'Heidelberg Baby Health Centre'	<ul style="list-style-type: none"> Review the opportunities for re-use and renewal of the building and land with the Leasee. (or seek expressions of interest) - including opportunity for play area, café, bike hub, etc. Conserve the building and grounds associated with the heritage significance of the site. In association with the Leasee, implement works to activate the use, improve the functionality of the building and grounds and to take advantage of the potential commerce, retail and aspect afforded by the site. Install publicly accessible toilet and end-of-trip facilities for community use.
B5	Provide for new playgrounds as part of the Latrobe Employment cluster and high population densities of Heidelberg Activity Centre	<ul style="list-style-type: none"> Review the Heidelberg structure plan to ensure that new develop front onto the Reserve and provide active frontages or connections with the open space areas.
B6	Encourage new development to front onto the Powlett Street common	<ul style="list-style-type: none"> Review the creative arts strategy and program for new complementary artwork at key locations - namely the top, west end of Burgundy Street and west of Heidelberg Station.
B7	Encourage new gateway elements to improve the identity of Heidelberg Activity Centre and the medical precinct.	<ul style="list-style-type: none"> Review the creative arts strategy and program for new complementary artwork at key locations - namely the top, west end of Burgundy Street and west of Heidelberg Station.
B8	Explore the removal of visual obstructions within the current Road Reserve areas	<ul style="list-style-type: none"> Investigate with Referral Authorities and adjacent land developers, the potential for undergrounding the overhead power/electricity lines to improve the outlook to and from the site.
B9	Explore options for 16 Powlett Street to benefit the community (ie child care)	<ul style="list-style-type: none"> Investigate the purchase, leasing or re-zoning of 16 Powlett St to benefit the community access and integration of this land-locked site.

Views across Powlett Street Reserve to the Austin Hospital



design exemplars

Please note: the images below are examples only and should not be taken as literal development proposals



Gateway signage and elements to improve sense of arrival



Nature based play space



WSUD opportunities integrated in the landscape



Improve public gathering spaces

3.2 Access & connections

A1 – Improve the walkability and accessibility of the Reserves

Currently the reserves are framed by Burgundy Street which forms a major barrier to the west of the reserves. To emphasise pedestrian priority around the reserves and hospital precinct, the masterplan supports council's proposal to review of the road speed of Burgundy street with relevant stakeholders. Reducing the speed to 40km/hr combined with providing additional pedestrian crossings will improve the accessibility of the reserves and entire precinct.

Reducing the number of lanes in Burgundy street will allow for extra car parking along the street.

A2 – Improve safe pedestrian access and connectivity throughout the Activity Centre and within the Reserves

In addition to reducing the road speed for Burgundy Street, additional actions have been identified to improve safe pedestrian access and connectivity throughout the Activity Centre and within the reserves.

Including the following:

- Install a dedicated pedestrian footpath along the high point of Powlett Street (to maintain good visibility and sightlines).
- Review the Upper Heidelberg Road and Burgundy Street intersection to improve pedestrian priority and access - with the potential for a dedicated crossings at the slip lane.
- Improve the arrival and connection point at the Upper Heidelberg Road and Burgundy Street intersection by widening the footpaths, altering barrier fencing and providing new.
- Demote the barrier across the Hurstbridge railway line by encouraging lighting, wayfinding and improved surface finishes.
- Investigate the removal of traffic barriers and guard rails from Austin Hospital interface with Burgundy Street, with relevant parties.
- Design and implement a shared vehicle / accessway to 16 Powlett St property, including traffic management and exclusion fencing.
- Design and implement traffic calming of Powlett street (including potential road closure, raised thresholds, removable bollards and re-distribution of car parking.
- Review the Upper Heidelberg Road and Burgundy Street intersection to improve pedestrian priority and access - with the potential for a dedicated crossings at the slip lane and priority bicycle/pedestrian movements and lights.

A3 – Improve the pedestrian connections between the surrounding urban fabric, parking areas and the Austin Hospital

The Austin Hospital is a major attraction for visitors, patients and hospital staff in the area. Discussions will need to be undertaken with the Austin Hospital to seek support and test possible options for improving connections across the precinct. A review of the existing footbridge design, its accessibility and structure to improve direct, all ability compliant access is one of the projects identified in the masterplan.

Providing additional on-grade pedestrian crossings on Burgundy Street will also improve the connections between the medical precinct, the reserves and the surrounding urban fabric.

A4 – Address the steep topography

The masterplan seeks to work with the topography as much as possible. A combination of retaining walls, ramps and stairs will improve walkability in the reserves and connections to the surrounding urban fabric.

To strive to provide all ability access and compliant grades, the pedestrian paths wind through the reserves and up the hill. High quality hand rails and balustrades will improve public realm aesthetics and provide additional support where needed.

Retaining walls and stairs have been used to create unique spaces and provide more direct access at key points. Where possible, retaining walls double up as informal seating areas and raised planter boxes to improve public space amenity within the reserves.

A5 – Improve recreational and commuter cycling within the area (in terms of access, mobility and safety)

The masterplan identifies a couple of key action to ensure better and safer bicycle access through the site:

- Encourage greater access and permeability north-south through the Powlett Street common to connect to the Station, medical and employment areas through creation of a 2.5m (min) accessible shared path.
- Promote cycling priority along Burgundy Street through the provision of cycling signage and cues (such as on-grade stencilling and bicycle jumps at intersections).
- Install more visible and accessible bicycle parking locations near the medical precinct.
- Investigate the end of trip provision such as a bicycle repair station, drinking fountain and possible public toilets/shower facilities for commuter cyclists in close proximity to the medical precinct. Future investigations are identified to possibly integrate these facilities in the former 'Heidelberg Baby Health Centre'.

A6 – Improved wayfinding to access the public open space areas

There is a need for better, more legible wayfinding in the area. Designing and installing wayfinding to and from Heidelberg Station, key medical precincts and bus stops adjacent to the Powlett Street reserve will improve the accessibility of the precinct. Wayfinding should include cycling and walking maps and indicative distance and time indicators between key points.

Providing gateway signage at key points will improve the legibility of the space and create a clear entry to the reserves.

A7 – Improve the legibility of the site in the Heidelberg context

One of the key ways people understand and appreciate heritage is through interpretative material which provides a sense of connections between what they see today and what the role of the place or space in front of them once was. The masterplan identifies the opportunity to design and install interpretive signage to enhance the heritage and environmental qualities of the Powlett Street Reserve and the former 'Heidelberg Baby Health Centre'. The signage will facilitate further engagement of the broader community with the sites heritage and environmental assets.

A8 – Improve amenity of bus stop locations.

The masterplan identifies an upgrade existing bus stops at key locations, including relocation of advertising signs, accessible seating, garden bed planting and wayfinding. These sites play a role in creating inviting and welcoming entry points to the reserves.

A9 – Maintain the current vehicular access requirements through Powlett Street Reserve

To maintain vehicular access to No. 16 Powlett Street, a 4m wide shared access way with turning area is identified in the masterplan.

The shared pedestrian and cycling path continues past this property to provide a safe and direct connection with Burgundy Street.

A10 –Maintain parking availability

Maintaining parking availability and refraining from sacrificing green open space to provide for more car parking were two clear directions from the community consultation phase.

In order to create a green avenue along Powlett Street, alterations to the existing car parking have been made to incorporate tree planting and integrate with new pathways, recreational facilities and access provisions.

By implementing the proposed re-design of Burgundy street, additional on street car parking will be available to service the area.



Access & Connections		
#	Initiative	Actions
A1	Improve the walkability and accessibility of the Reserves	<ul style="list-style-type: none"> Review road speed of Burgundy Street to emphasis pedestrian priority (40km/hr), with relevant stakeholders.
A2	Improve safe pedestrian access and connectivity throughout the Activity Centre and within the Reserves	<ul style="list-style-type: none"> Install a dedicated pedestrian footpath along the high point of Powlett Street (to maintain good visibility and sightlines). Review the Upper Heidelberg Road and Burgundy Street intersection to improve pedestrian priority and access - with the potential for a dedicated crossings at the slip lane and priority bicycle/pedestrian movements and lights. Improve the arrival and connection point at the Upper Heidelberg Road and Burgundy Street intersection by widening the footpaths, altering barrier fencing and providing new access steps. Demote the barrier across the Hurstbridge railway line by encouraging lighting, wayfinding and improved surface finishes. Investigate the removal of traffic barriers and guard rails from Austin Hospital interface with Burgundy Street, with relevant parties. Design and implement a shared vehicle / accessway to 16 Powlett St property, including traffic management and exclusion fencing. Design and implement traffic calming of Powlett street (including potential road closure, raised thresholds, removable bollards and re-distribution of car parking. Review the Upper Heidelberg Road and Burgundy Street intersection to improve pedestrian priority and access - with the potential for a dedicated crossings at the slip lane and priority bicycle/pedestrian movements and lights.
A3	Improve the pedestrian connections between the surrounding urban fabric, parking areas and the Austin Hospital	<ul style="list-style-type: none"> Undertake discussions with the Austin Hospital to seek support and test options for improving connections across the precinct. Review the footbridge design, accessibility and structure with Stakeholders to encourage direct access to the the Burgundy Street Reserve, with a compliant grade (reduce slope or widen as necessary). Provide an on-grade pedestrian connection at Burgundy Street level (between the Austin Hospital and surrounding area).
A4	Address the steep topography	<ul style="list-style-type: none"> Install accessible pathways through the Burgundy Street Reserve with high quality handrails and balustrades to improve the public realm aesthetics (including the provision for tree protection measures).
A5	Improve recreational and commuter cycling within the area (in terms of access, mobility and safety)	<ul style="list-style-type: none"> Encourage greater access and permeability north-south through the Powlett Street common to connect to the Station, medical and employment areas through creation of a 2.5m (min) accessible shared path. Promote cycling priority along Burgundy Street through the provision of cycling signage and cues (such as on-grade stencilling and bicycle jumps at intersections). Install more visible and accessible bicycle parking locations near the medical precinct. Investigate the end of trip provision such as a bike repair station, drinking fountain and possible public toilets/showers for commuter cyclists in close proximity to the medical precinct.
A6	Improved wayfinding to access the public open space areas	<ul style="list-style-type: none"> Design and install wayfinding to and from Heidelberg Station, key medical precincts and bus stops adjacent to the Powlett St Reserve (including cycling and walking maps).
A7	Improve the legibility of the site in the Heidelberg context	<ul style="list-style-type: none"> Design and install interpretive signage to enhance the heritage and environmental qualities of the Powlett Street Reserve and the former 'Heidelberg Baby Health Centre'.
A8	Improve amenity of bus stop locations.	<ul style="list-style-type: none"> Upgrade existing bus stops at key locations, including relocation of advertising signs, accessible seating, garden bed planting and wayfinding.
A9	Maintain the current vehicular access requirements through Powlett Street Reserve	<ul style="list-style-type: none"> Design and install a shared accessway for pedestrian, cycle and car access within the Powlett Street common, including vehicular control devices, signage and new crossover.
A10	Maintain parking availability	<ul style="list-style-type: none"> Design and implement alterations to existing car parking to integrate with the new pathways, tree canopy planting, recreational facilities and access provisions.

Need to address accessibility and topography along Burgundy Street



design exemplars

Please note: the images below are examples only and should not be taken as literal development proposals



Clear wayfinding will define the space and add to it's identity



Improve pedestrian connectivity all through the site



Improve pause points and seating areas in steep sections



Integrate bicycle repair stations for community use

3.3 Landscape & environment

L1 – Improved water infiltration across the site

The masterplan indicates implementation of bio-infiltration swales in lower, depression areas in the Powlett Street common and the lowest point on Burgundy Street. These will provide storage areas for stormwater runoff and allow the water to infiltrate over time.

Planting of these drainage spaces can be used to enhance local biodiversity. Wherever practical, indigenous and native species should be used in planting regimes of the bio-swales and careful consideration should be given to habitat creation.

Educational signage can be incorporated to inform residents and visitors of the use and natural values of these bio-swales.

Also within the Burgundy Street Road Reserve, bio-infiltration swales or other WSUD initiatives, will assist with the overland stormwater flow management.

L2 – Manage the flooding and stormwater impacts to flood prone areas

The masterplan identifies the open space at the intersection of Stradbroke Ave and Burgundy Street as an important site to investigate the capture, storage and filtration of stormwater from the Heidelberg Bowling Club and Burgundy Street.

Stormwater could be collected in the bio-swale, filtered through planting and filtration beds and stored for potential on-site reuse through a recessed water tank.

L3 – Address the existing tree values and appropriate replacement strategy

Several actions have been identified in the masterplan to address the existing tree values and generate an appropriate replacement strategy such as undertaking a tree quality and impact report of existing trees within Burgundy and Powlett Street reserves.

Once the tree quality and impact report has been undertaken, council can prepare recommendations for the horticultural care, tree protection and potential strategy for the staged replacement or succession of existing mature trees upon the end of their safe, useful life expectancy.

L4 – Promote community health and well-being by establishing a tree canopy cover of 50%

One of the items that was identified as highly important during community consultation was an increase in tree canopy cover within the reserves.

The following actions have been identified to achieve this:

- Install semi-advanced trees in all open areas of the site, which enhances the landscape character of the area (including exotic, native and shade trees).
- Improve the landscape frontage along the Austin Hospital (southern edge of Burgundy St) including new canopy tree planting.
- Replace the street tree planting along Barkley Place to include tall, spreading canopy tree planting (semi-advanced stock).
- Install semi-advanced trees to the nature strip of Powlett St (west side).

L5 – Enhance the understory garden bed planting in selected locations across the site to improve the park setting and aesthetics.

While the existing tree planting in the reserves is a key attractor for many, there has been little considered planting to support the amenity of the site to date.

Targeted planting can serve many purposes. It can screen or highlight valued views, it can provide a sense of separation or seclusion in larger areas, it can reinforce boundaries and it can increase enjoyment of a space.

There are a lot of opportunities to use landscape works to achieve all of the above at the subject site. Boundary planting, the use of vegetation to create a sense of arrival and the continuation of the iconic Cedar trees to glue all the reserves together are just a few ways that landscape works can support the on-going enjoyment and functionality of the reserves.

In the Powlett Street common, garden bed planting is identified to aid stormwater runoff to the rain garden abutting the shard path and to improve the aesthetics of the common.

Around the former 'Heidelberg Baby Health Centre', the implementation of heritage style planting will improve the setting, identity and value of the place.



Landscape & Environment		
#	Initiative	Actions
L1	Improved water infiltration across the site	<ul style="list-style-type: none"> Design and implement bio-filtration swales and 'cut-off drains' within Powlett Street Reserve. Design and implement bio-filtration swales or other initiative within the Burgundy Street Road Reserve to assist with overland stormwater flow management along the corridor incline.
L2	Manage the flooding and stormwater impacts to flood prone areas	<ul style="list-style-type: none"> Investigate the capture, storage and filtration of stormwater from the Heidelberg Bowling Club site within the garden bed area off Stradbroke Ave and Burgundy Street - for potential on-site reuse through a recessed water tank.
L3	Address the existing tree values and appropriate replacement strategy	<ul style="list-style-type: none"> Undertake a tree quality and impact assessment report on the existing trees within Burgundy Street. Prepare recommendations for the horticultural care, tree protection and potential strategy for the staged replacement or succession of existing mature trees upon the end of their safe, useful life expectancy.
L4	Promote community health and well-being by establishing a tree canopy cover of 50%	<ul style="list-style-type: none"> Install semi-advanced trees in all open areas of the site, which enhances the landscape character of the area (including exotic, native and shade trees). Improve the landscape frontage along the Austin Hospital (southern edge of Burgundy St) including new canopy tree planting. Replace the street tree planting along Barkley Place to include tall, spreading canopy tree planting (semi-advanced stock). Install semi-advanced trees to the nature strip of Powlett St (west side).
L5	Enhance the understorey garden bed planting in selected locations across the site to improve the park setting and aesthetics.	<ul style="list-style-type: none"> Implement heritage style planting around the former 'Heidelberg Baby Health Centre' to improve the setting, identity and value of the place.

Need to address accessibility and topography along Burgundy Street



design exemplars

Please note: the images below are examples only and should not be taken as literal development proposals



Integrate bio-filtration swales in Burgundy Street



Plant semi-mature trees for an instant effect



Enhance shade amenity by improving tree canopy

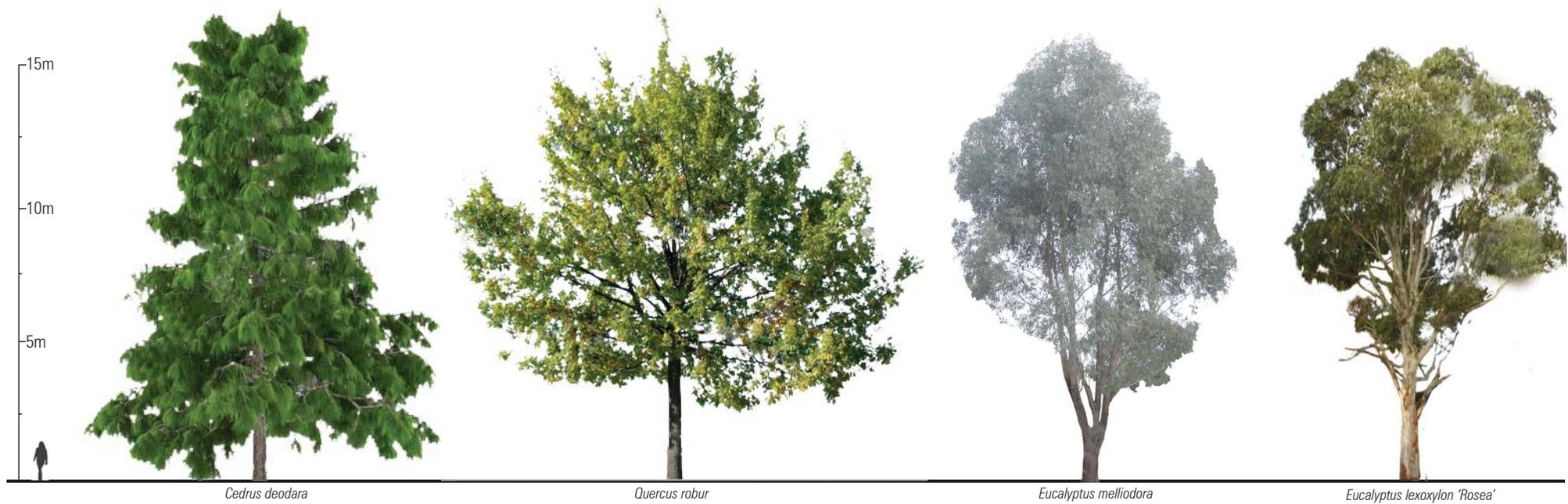


Provide garden bed planting at key seating areas and selected locations across the site

4 MATERIALS, FINISHES & PLANTING

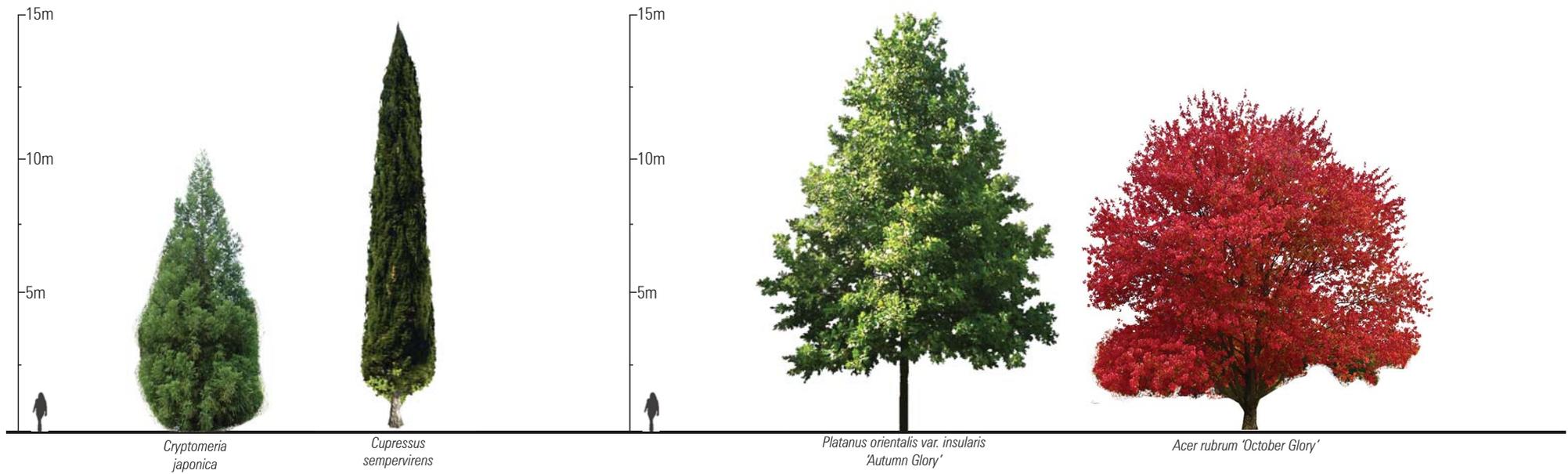
4.1 Planting palette

EXISTING AND SUPPLEMENTAL TREES



PROPOSED FEATURE SPECIMEN

PROPOSED SPREADING CANOPY TREES



draft only - 23/05/17



Burgundy and Powlett St Reserves Upgrade RECOMMENDED PLANT SCHEDULE

STREETSCAPE TREES

botanical name	common name	average height	x width (m)
<i>Acer rubrum</i>	Red Maple	12 x 8	
<i>Cedrus deodara</i>	Himalayan Cedar	18 x 10	
<i>Pistacia chinensis</i>	Chinese Pistacio	8 x 6	
<i>Platanus x acerifolia</i>	London Plane	14 x 8	
<i>Pyrus calleryana (cultivars)</i>	Callery Pear	10 x 5	
<i>Quercus palustris</i>	Pin Oak	15 x 8	
<i>Quercus palustris 'Green Pillar'</i>	Upright Pin Oak	14 x 3	

OPEN SPACE AND PARKLAND AREAS

botanical name	common name	average height	x width (m)
TREES			
<i>Acacia melanoxylon</i>	Blackwood	15 x 8.0	
<i>Allocasuarina verticillata</i>	Drooping Sheoke	9 x 5	
<i>Corymbia citriodora 'Scentuous'</i>	Dwarf Lemon Scented Gum	15.0 x 8.0	
<i>Cryptomeria japonica</i>	Japanese Cedar	9 x 2	
<i>Cupressus sempervirens 'Glauca'</i>	Italian Pencil Pine	15 x 1.5	
<i>Eucalyptus leucoxylon 'Rosea'</i>	Pink-flowering yellow gum	12 x 7	
<i>Eucalyptus mannifera</i>	Brittle Gum	15 x 8.0	
<i>Eucalyptus melliodora</i>	Yellow Box	15 x 10	
<i>Hymenosporum flavum</i>	Native Frangipani	9 x 3	
<i>Platanus x acerifolia</i>	London Plane	14 x 8	
<i>Pyrus calleryana (cultivars)</i>	Callery Pear	10 x 5	

LOW SHRUBS (<1.0M HIGH)

<i>Callistemon 'White Anzac'</i>	Dwarf Bottlebrush	0.7 x 2.0	
<i>Carrea 'Little Cate'</i>	Native Fuschia	0.7 x 1.0	
<i>Westringia fruticosa 'Nana'</i>	Dwarf Coast Rosemary	0.5 x 0.7	

GROUNDCOVERS, TUFTING AND GRASSES

<i>Brachycome multifida</i>	Cut-Leafed Daisy	0.45 x 0.45	
<i>Convolvulus cneorum</i>	Silverbush	0.3 x 0.5	
<i>Convolvulus mauritanicus</i>	Ground morning glory	pros x 1.5	
<i>Dianella spp.</i>	Dianella	-	
<i>Lomandra spp.</i>	Lomandra	-	
<i>Myoporum parvifolium</i>	Creeping boobialla	pros x 1.5	
<i>Viola hederacea</i>	Native Violet	0.3 x 1.0-2.0	

CLIMBERS

<i>Clematis microphylla</i>	Small-leaved Clematis	climber x 5.0	
<i>Hardenbergia violacea</i>	Happy Wanderer	2.0-4.0 x 1.0-2.0	

SCREENING AREAS

botanical name	common name	average height	x width (m)
SHRUBS			
<i>Acacia pycnantha</i>	Golden Wattle	5 x 3	
<i>Bursaria spinosa</i>	Sweet Bursaria	4 x 2.5	
<i>Dodonaea viscosa subsp. cuneata</i>	Wedge-leaf Hop-bush	3.0 x 2.0	

WATER SENSITIVE URBAN DESIGN AREAS

botanical name	common name	average height	x width (m)
TREES			
<i>Eucalyptus ovata</i>	Swamp Gum	15 x 8	
<i>Tristaniopsis laurina 'Luscious'</i>	Water Gum	7 x 4	
SHRUBS			
<i>Goodenia ovata</i>	Hop Goodenia	1.5 x 1.5	
GROUNDCOVERS, TUFTING AND GRASSES			
<i>Acaena nova-zelandiae</i>	Bidgee-widgee	0.3 x prostrate	
<i>Carex spp.</i>	Sedge	-	
<i>Eleocharis acuta</i>	Common Spike-sedge	0.3-0.9	
<i>Isolepis cernua</i>	Nodding Club-sedge	0.3 x 0.3	
<i>Isolepis nodosa</i>	Knobby Club Rush	0.7 x 1.0	
<i>Juncus spp.</i>	Juncus	-	
<i>Poa ensiformis</i>	Purple-sheathed tussock-grass	0.4 x 0.4	

HERITAGE GARDEN AREAS

botanical name	common name	average height	x width (m)
SHRUBS			
<i>Artemisia arborescens</i>	Wormwood	1.0 x 1.0	
<i>Azalea 'Alba Magnifica'</i>	White Sun Tolerant Azalea	1.2 x 1.2	
<i>Chaenomeles japonica</i>	Japonica	1.2 x 1.2	
<i>Lavandula angustifolia</i>	Common Lavender	0.7 x 1.0	
<i>Rosa 'Flower Carpet'</i>	Carpet Rose	0.5 x 0.7	
<i>Rosmarinus officinalis</i>	Rosemary	1.0 x 1.0	
GROUNDCOVERS, TUFTING AND GRASSES			
<i>Agapanthus 'Queen Mum'</i>	Sterile Agapanthus	0.7 x 0.7	
<i>Berberis 'Atropurpurea nana'</i>	Dwarf Japanese Barberry	0.5 x 0.7	
<i>Iris germanica</i>	Iris	0.5 x 0.2	
<i>Plectranthus argentatus</i>	Silver Plectranthus	0.4 x 0.8	
<i>Salvia officinalis</i>	Sage	0.7 x 0.7	



4.2 Furniture palette



park bench (wood composite - CSA)



park seating (wood composite - CSA)



park seating with armrests (wood composite CSA)



bin



seating pod with table



bike racks



cantilevered bus shelter with Heidelberg School logo/imagery



in ground uplight (stainless steal)

4.3 Materials and finishes palette

FOOTPATH PAVING



bluestone (to match existing)



bluestone cobbles

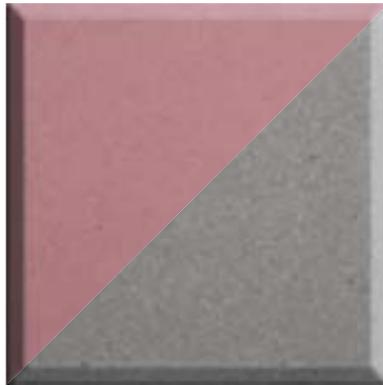


feature granite - burgundy colour

ROADWAY PAVING



granitic highlight banding (at pedestrian crossing)



coloured concrete to pedestrian & cycle areas