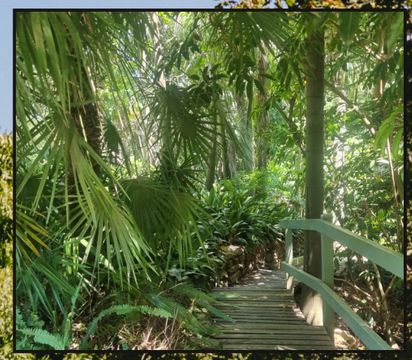
Wagga Wagga Botanic Gardens Masterplan











City of Wagga Wagga

stone three

TABLE OF CONTENTS

01 Introduction & Background

02 Project Analysis

03 Masterplan Principles and Brief

Key Principles - The Brief
Key Experiences
Council Management & Resourcing
Major Interventions

04 Masterplan Investigations

Pedestrian Access Principles
Vehicle Access Principles
Cafe & Hub Development Principles

05 Proposed Masterplan

Draft Masterplan (overview)
Draft Masterplan Main Carpark
Draft Masterplan Zoo
Draft Masterplan Cafe Zone
Draft Masterplan Hub Zone
Draft Masterplan MOR Zone
Draft Masterplan Native Garden Zone
Project Mood Board

06 Project Schedule

Schedule of projects
Next steps



ABBREVIATIONS

WBG	**City of Wagga Wagga Botanic Gardens**
MOR	**Museum Of Riverina**
LBPD	**Lord Baden Powell Drive**
MKH	**Mary Kidson Hall**

Key References

In preparing this masterplan, several code and strategic documents have informed the masterplan investigations. These include:

•Wagga Playground Strategy 2024-2044

•AS1428 Design for access and mobility (all parts)



01 INTRODUCTION AND BACKGROUND

Why a Masterplan

A Masterplanning process is a method for defining future development strategies for a specific site, precinct or element of major infrastructure. The process may seek to guide physical, economic, and social transformation of places and should consider the site and its users in a broader urban, or regional context.

The resulting masterplan is a visionary long-term planning document that provides a conceptual layout and organisational strategies to guide future growth and development.

Site Significance

In the case of the Wagga Wagga Botanic Gardens, the site comprises a mixture of parkland and various recreational elements including a zoo, a model railway, a café, a performance area and a museum at the northern end of the precinct. At its highest level, the masterplan will seek to guide the future development of the Wagga Wagga Botanic Gardens to remain one of the city's most valued and used recreational facilities.

Client Brief

The initial brief identified a range of both aspirational and ongoing service issues. Major points included:

•'Botanic' Gardens. The precinct provides a broad range of services, in many cases stepping beyond that of a conventional botanic gardens facility. The fundamental identity and branding of the precinct should be considered and the consequential curatorial, educational and interpretive service options.

•Pedestrian access and accessibility generally. In particular, the high maintenance conditions arising from the steep gradients across the site, access and connection to the broader city pedestrian network and the safety issues arising from the intertwined vehicle circulation network.

•The provision of safe and fit for purpose toilets and accessible amenities, including a Changing Places (high support) facility

•The model railway provides a high quality and valuable experience for many visitors, who would love to see it operate more frequently. Options for a sustainable operational model should be explored.

•Vehicle access, circulation and parking are also important considerations. Vehicle and pedestrian access elements are often in conflict and may require a major re-think and upgrade as part of the masterplan process.

•Council provide the majority of the varied operational resources and utilise a large depot on the site. A sustainable operational model and a Plan of Management will need to accompany the physical development of the masterplan outcomes. The relationship between the depot, zoo and public domain need to be considered.

•The Music Bowl facility occupies a large area, however its relevance as an outdoor performance area is now reduced with the development of a similar new facility in the Riverside precinct. The zone has taken on an informal role as a dog park and presents a number of opportunities for new activities to be introduced into the precinct.

•There are four separate playgrounds across the site and all are popular across a range of age groups and parents. Some of the playground infrastructure is ageing and the footprints and enclosures should be considered in the context of the City of Wagga Wagga Playground Strategy 2024-2044.

•The site hosts several major events and festivals, which are constrained and in conflict with the current layout. Provision of power and lighting adjacent to generally flat hard landscaped surface is required.

Methodology

The following tasks were and will be undertaken to generate and develop the masterplan:

Phase 1 – WWCC Stakeholder Engagement

•Wagga Wagga City Council began consultation with all stakeholder groups, relevant Council teams and undertook a public 'Have Your Say' engagement process.

•Wagga Wagga City Council prepared summary and project briefing documents and provided all material to Stone Three design for masterplan design commencement.

Phase 2 – Stone Three Analysis

•Stone Three undertook a review of all incoming engagement minutes, summaries, Have Your Say submissions and Council briefing documents.

•Stone Three undertook a series of site investigations to review conditions and engage with major stakeholders.

•Stone Three tested design principles and concepts on site and with major stakeholders.

Phase 3 – Preliminary Draft Masterplan

•Stone Three produced a Preliminary Draft Masterplan for review by Council and Councillors.

Phase 4 – Draft Masterplan

•Stone Three reviewed Council inputs and undertook relevant editing.

•Stone Three continued to develop additional detail around masterplan development and developed a schedule of all proposed works and future investigations.

Phase 5 – Public Exhibition

•WWCC will review the Draft Masterplan and approve the commencement of the public exhibition process.

Phase 6 – Final Masterplan

•Stone Three and Council will review inputs received from the public exhibition process.

•Stone Three will schedule proposed final edits and submit for Council approval.

•Final masterplan handover.



02 PROJECT ANALYSIS



	Wagga Botanic Gardens Consultation Schedule		Have your Say' - July 2024	WWCC Consultation July - December 2024	On site 10th October 2024	Digital	Site presentation 18th December 2024	Presentation 2 & feedback February 2025	Site Presentation & Review April 2025	MOR Review	Council Executive and Councillors	Public Exhibition
1	Council Group 1	Strategic Recreation										
2	Council Group 2	Infrastructure & Parks Strategic Operations										
3	Council Group 3	Museum of the Riverina										
4	Council Group 4	Events & Community										
5	Council Other	Property										
6	Council	Trees										
7	Council	Playgrounds										
8	Council	Social Planning										
9	Community Group 1	Wagga Society of Model Engineers										
10	Community Group 2	Friends of the Gardens										
11	Community Group	Wagga Access Reference Group										
12	Business	The Gardens Café & Function Centre										
13	Community Group	Wiradjuri Elders										
14	Community	'Have Your Say'										
15	Community Group	Ladysmith Perannial										
16	Community Group	Mater Dei School										
17	Community Group	Murrumbidgie Field Naturalists										
18	Community Group	Multi Cultural Council										
19	Community Group	U3A										
20	Community Group	Wagga Toy Library										
21	Community Group	Woodwork and Engine Club										



02 PROJECT ANALYSIS

Site Topography & Drainage
Uncontrolled stormwater flows have negative effects on the railway, café and Zoo areas in particular.
Erosion and sediment run off from the Zoo area has negative downstream impacts on the Rainforest water quality and watercourse management.

Site Accessibility & Pedestrian Circulation
The site is poorly connected to the city's active travel network.
Pedestrian entry points are limited.
Pedestrian access across the site is generally constrained by topography.
There is limited access to accessible amenities.
There is inadequate lighting for the site to be safely used at night.
There are several pinch points currently restricting preferred and safe pedestrian access pathways.

Vehicle Circulation & Parking
Vehicle circulation is in conflict with preferred pedestrian access paths.
Vehicle parking is not distributed in a manner that provides accessible connectivity to all gardens elements.
Vehicle parking surfaces are in poor condition and do not meet accessible code requirements.
Bus parking is poorly located and disrupts Tom Wood Drive functionality.
The main carpark and Tom Wood Drive are closed during major events.
The site has no interface with Mimosa Drive, which restricts the Music Bowl activation and limits public surveillance.

Council Administration and Management
The WBG precinct requires a significant amount of Council resourcing.
Council are managing a large variety of site services, including unique and specialised services.
Many facilities and services fall short of the community's quality expectations.

Site Infrastructure & Condition
Many site elements are not fit for purpose and require replacement or upgrading.
Council manage a significant demand on staff resources and budget to run and maintain the site.
Some mature trees are experiencing infection and may not be viable into the future.
Playgrounds and fencing upgrades have been identified in Council's Playground Strategy.

Council Depot
The Council depot footprint restricts north/south pedestrian connectivity.
The current Council Parks Depot usage is not consistent with Crown Land permitted uses.

Music Bowl
The Music Bowl facility is experiencing less demand due to the provision of a similar facility at the Riverside precinct.
The Music Bowl area has poor access and restricted connection to Mimosa drive due to the metal fencing.
The area has no direct access to toilet facilities.

Zoo
Pedestrian circulation within the Zoo offers no AS1428 compliant infrastructure with gravel surfaces and steep gradients currently in place.
The Zoo entry is in close proximity to the Cafe, Rainforest and Waterwise Garden, however the circulation zone can be confusing and requires an immediate steep entry sequence into the Zoo.
Primary circulation within the Zoo runs east west typically with steep path gradients and gravel surfaces combining to generate significant erosion.
Sediment run off from the Zoo area creates negative impacts on the Rainforest zone downstream.

Model Railway
The railway is a popular feature of the gardens precinct.
The railway operates 2 days per month typically, with many community respondents wishing it could operate more frequently.
The Railway organisation (Wagga Society of Model Engineers) operates on a volunteer basis and has limited available resources to operate the facility on public days. The MOR currently assist operational days with ticketing and management at the MOR station.
The railway lease their site from Council.
The railway occupies an elongated footprint running north to south and central on the site. An elevated pedestrian crossing connects east and west gardens areas and is required to enable visitors to cross the railway and access the upper terrace zone and MOR beyond. The current crossing structure is in poor condition and does not comply with AS1428 access provisions.
The Railway entry does not comply with AS1428 access provisions. The main station (ticketing and workshop) building offers a poor presentation to the current main carpark and future pedestrian concourse zone.

Rainforest
The Rainforest is a popular site feature and presents a unique site experience.
The rainforest circulation is typically on elevated paths and platforms and requires significant upgrades to meet the community’s expected service levels.
The Rainforest is located on a creekline and receives run off from the Zoo. The waterway requires ongoing maintenance and clearing to maintain flows and water quality.
The Rainforest entry is not obvious and is not directly accessible from the Cafe zone - requiring a transition through the waterwise garden.



02 PROJECT ANALYSIS

Cafe Zone

The Cafe Zone is a popular site destination.
The proximity to the Zoo and playground elements makes it an important node within overall gardens precinct.
The function area is a successful business component and could be further enhanced with expanded terrace facilities and better opportunities to experience views across the site.
Access to the southern terrace area servicing the retail cafe and Zoo is restricted and is not AS1428 code compliant.
Access to the toilets is restricted and the area experiences problematic overland stormwater flows towards the cafe entry and terrace areas.
Pedestrian access between the main carpark and the cafe entry is restricted by Tom Wood Drive and vehicle circulation. The access to and from the main carpark is not fit for purpose and does not meet the relevant access provisions of AS1428.

Museum of the Riverina

Access to the Museum requires pedestrians to cross Lord Baden Powell Drive, either via an underpass, or pedestrian refuge style crossings.
An AS1428 compliant accessible path of travel does not currently exist between the main carpark zone and the Museum entry.
Many Museum visitors combine their experience with a visit starting from or ending at the Botanic Gardens. A stronger pedestrian connection would likely result in increased MOR visitor numbers.
Parking at the Museum is limited. The front entry vehicle turning circle requires upgrading and landscaping treatments to compliment the MOR visitor offering.

Signage and Wayfinding

The precinct could be significantly enhanced with improved interpretive and wayfinding signage.
The current signage is generally considered to be less than adequate.

Events

The precinct regularly hosts major events and festivals and remains an ideal venue within the city.
The Spring Jam and Fusion festivals are current annual events and both require a closure of the main carpark and Tom Wood Dr.
Accessible pedestrian and motor vehicle access options are limited during major events.

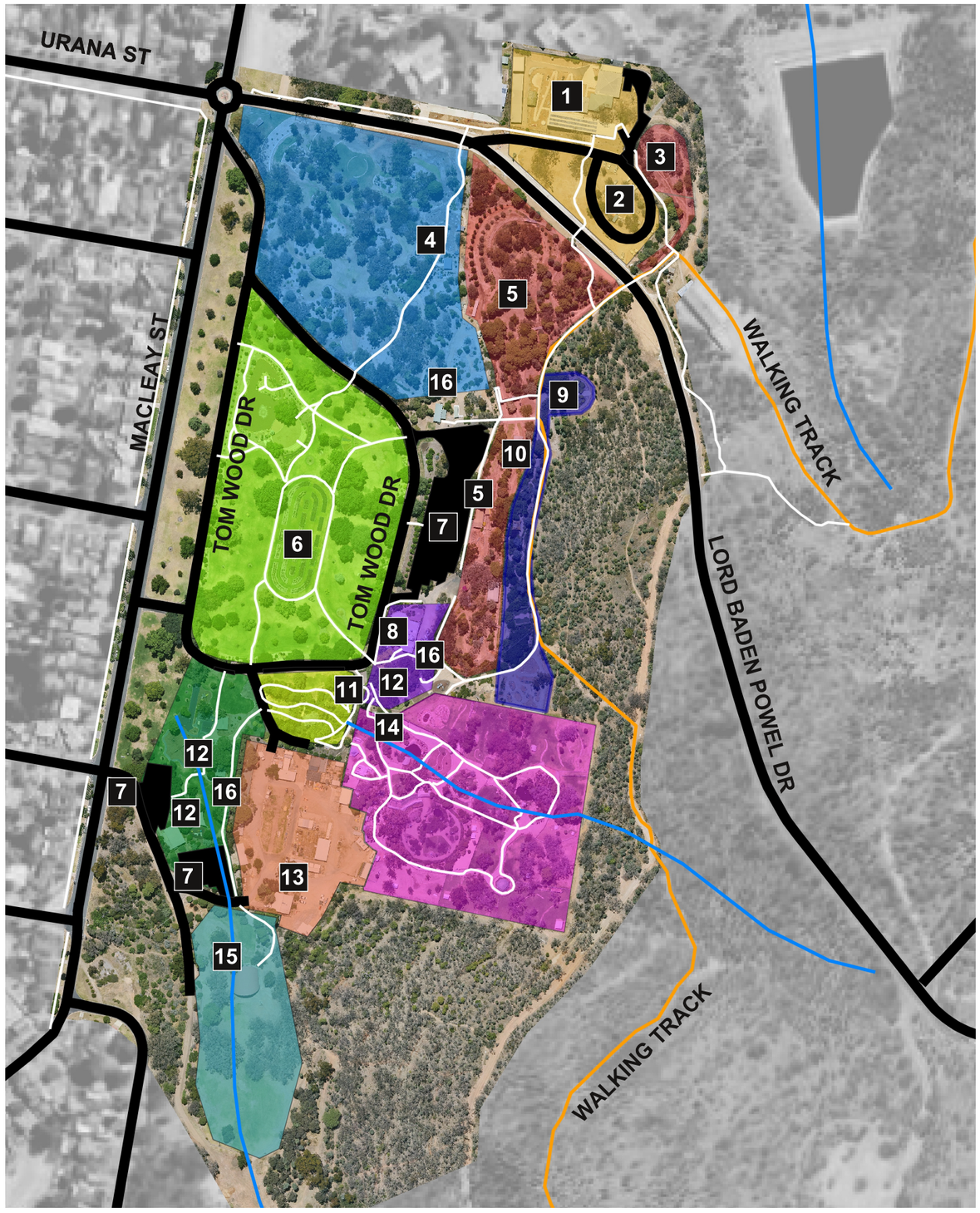
02 PROJECT ANALYSIS

Primary Site Zones

- Museum of the Riverina
- Native Gardens Zone
- Model Railway
- Manicured Gardens Zone
- Roads & Carparking Zones
- Cafe Zone
- Music Bowl Zone
- Upper Terrace Zone
- Rainforest Zone
- Community Zone
- Council Depot
- Zoo
- Walking Track

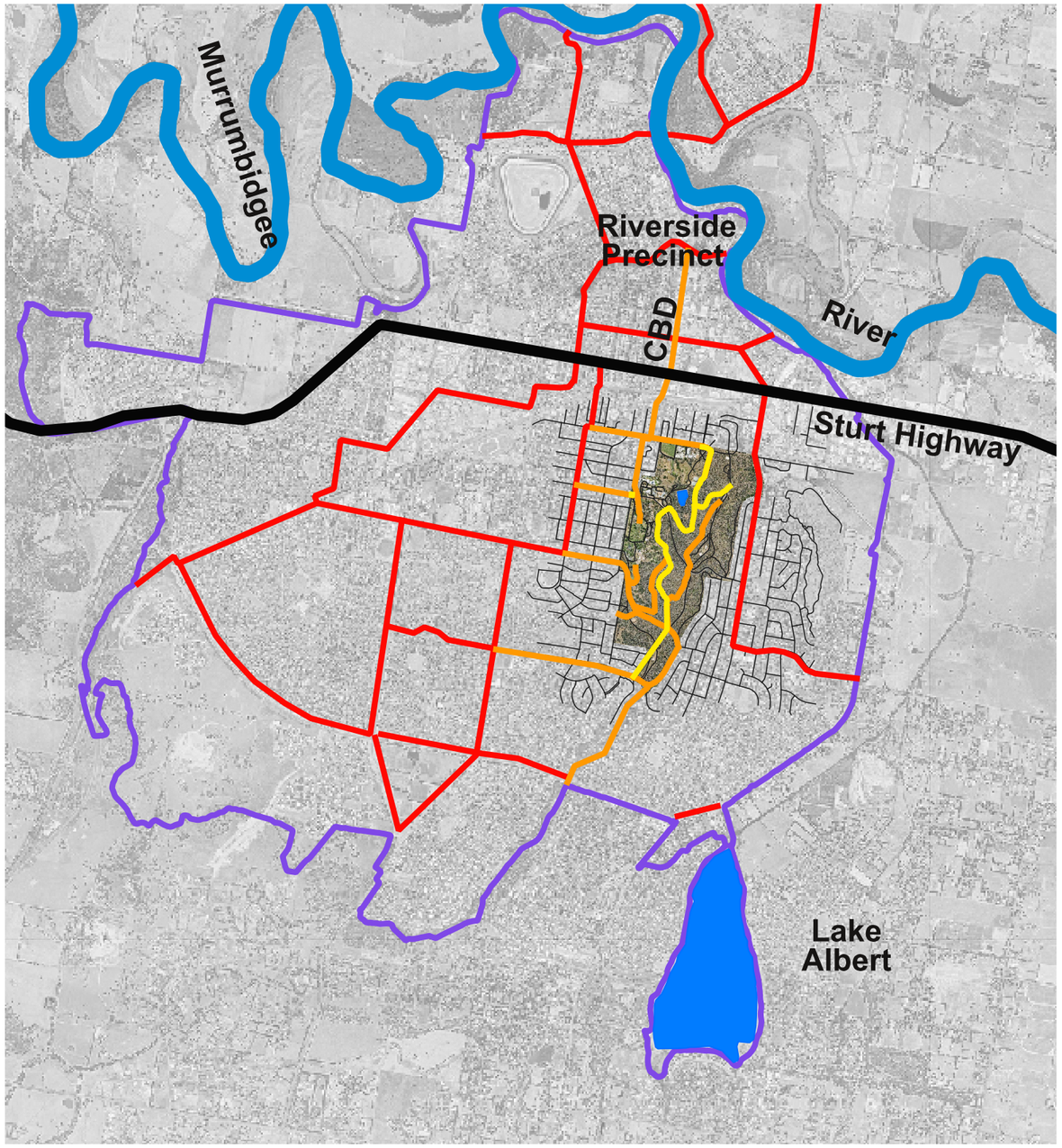
Other Major Elements

1. Museum of the Riverina Entry
2. Museum Bus Loop & Forecourt
3. Museum Station
4. Native Gardens Playground
5. Model Railway Entry
6. Rose Garden
7. Carparking Zones
8. Cafe Building
9. Tree Chapel
10. Chinese Pavillion
11. Waterwise Garden
12. Playgrounds
13. Council Depot Offices
14. Zoo Entry
15. Music Bowl Stage
16. Public Toilets



Active Travel and Pedestrian Networks

- Wiradjuri Walking Track
- Existing & Proposed Active Travel
- Willans Hill Walking Track (Wiradjuri)
- Possible Active Travel Connections



Context Issues

Despite being quite central in relation to the Wagga city overall footprint, active travel & pedestrian connections to the Botanic Gardens precinct are poor.

Willans Hill blocks pedestrian access directly from the east, but also provides opportunities for additional lookout experiences.

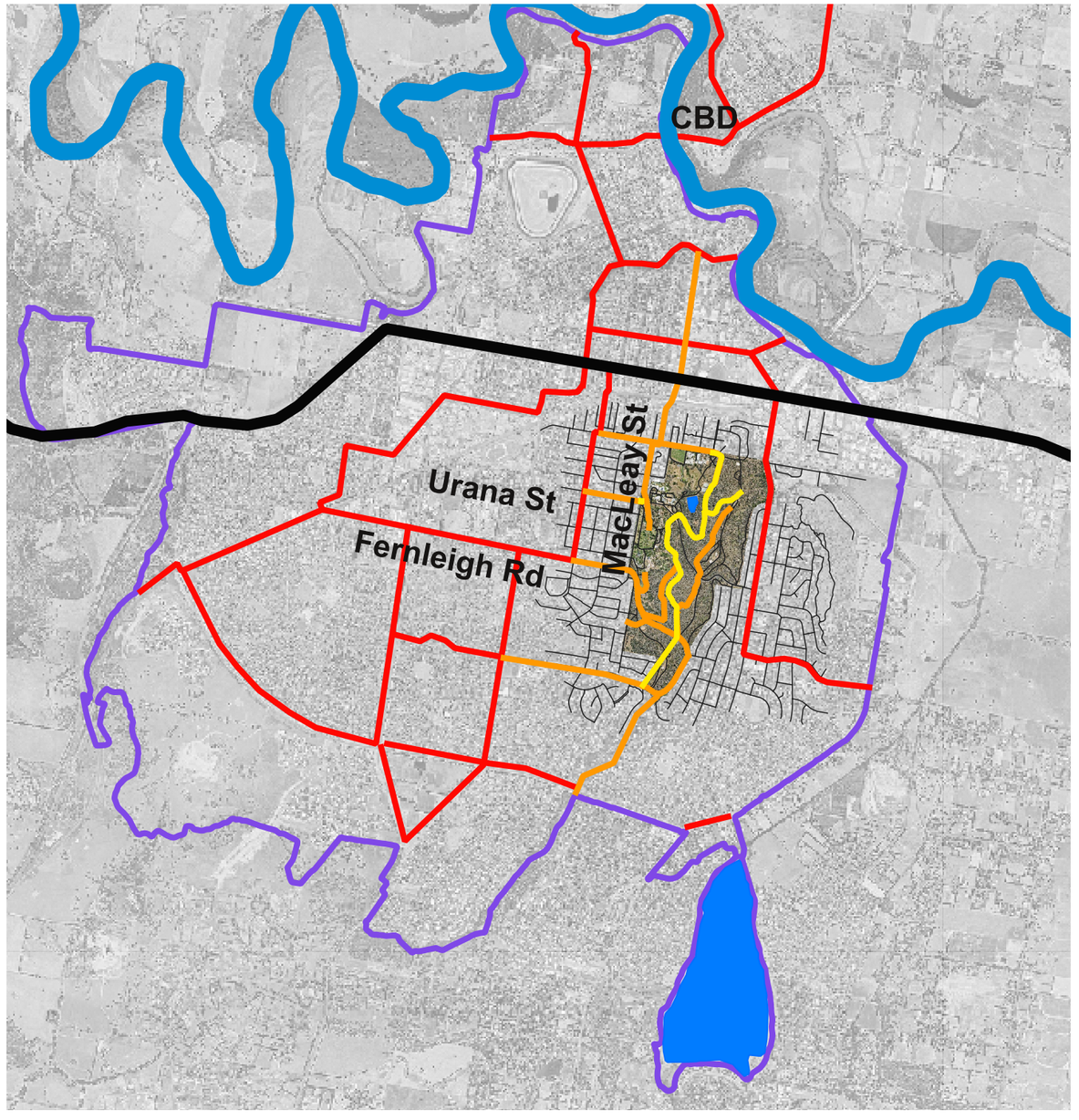
The Botanic Gardens precinct occupies a uniquely elevated and steeply sloping location.

The Riverside precinct provides similar services and directly challenges the future relevance of the Music Bowl facility.

02 PROJECT ANALYSIS

Context Heat Map - Walking





Context Issues

• Despite being quite central in relation to the Wagga city overall footprint, active travel & pedestrian connections to the botanic gardens precinct are poor.

• Active travel connections to the east, south west and south are poor.

• MacLeay St provides a strong connection to the CBD.

• Urana St provides a strong connection to the west.

02 PROJECT ANALYSIS

Major Elements

- Wiradjuri Walking Track
- Existing & Proposed Active Travel
- Willans Hill Walking Track (Wiradjuri)
- Possible Connections
- Lookout Points

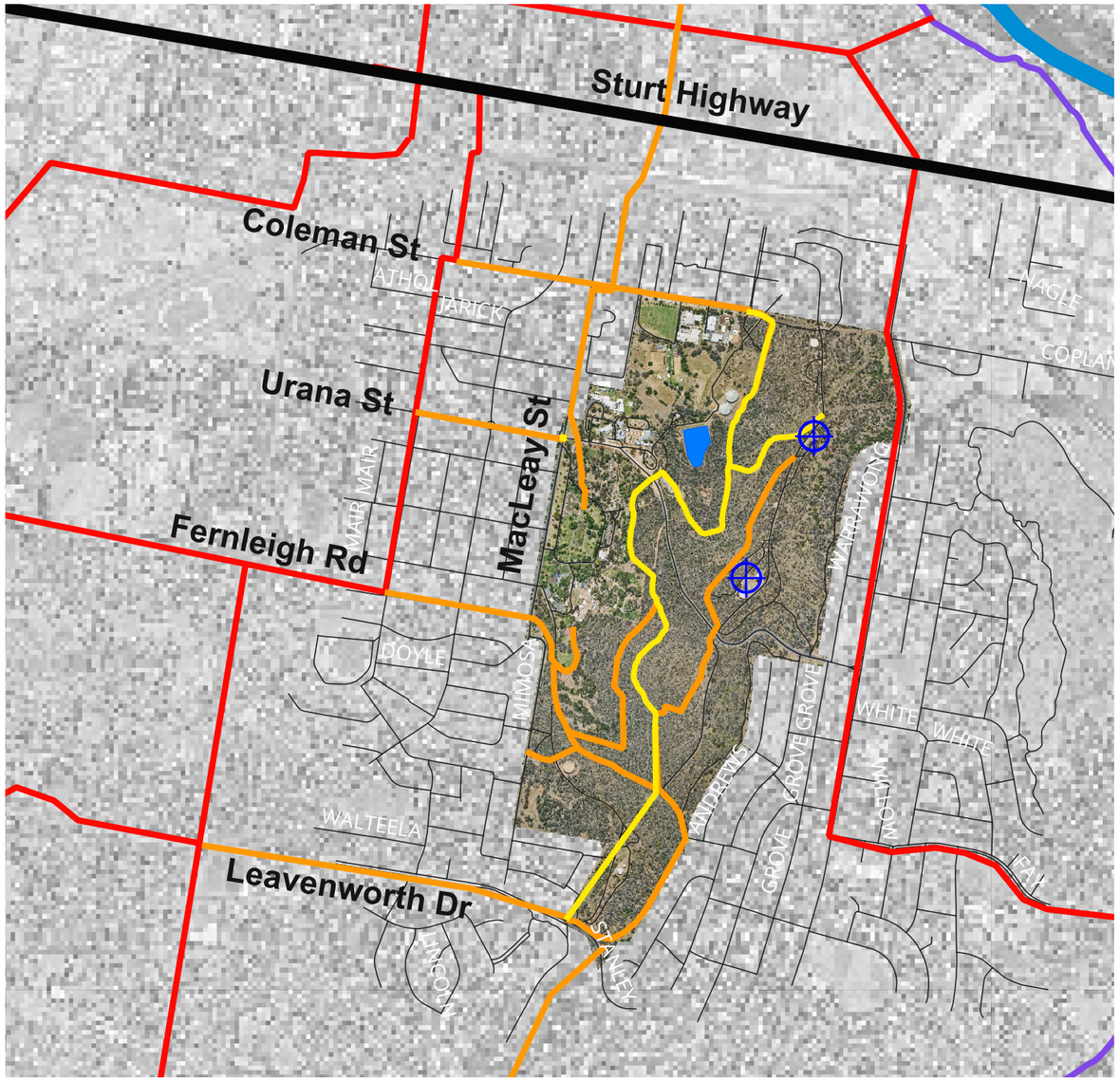
Precinct Context Issues

Pedestrian and active travel connections running directly north are limited by the railway. A connection utilising MacLeay St and the railway station pedestrian bridge aligns to Baylis St and the CBD.

Many bush trails exist that connect the Music Bowl and the lookout points at the top of Willans Hill. These are presently informal and are not obvious to unfamiliar visitors.

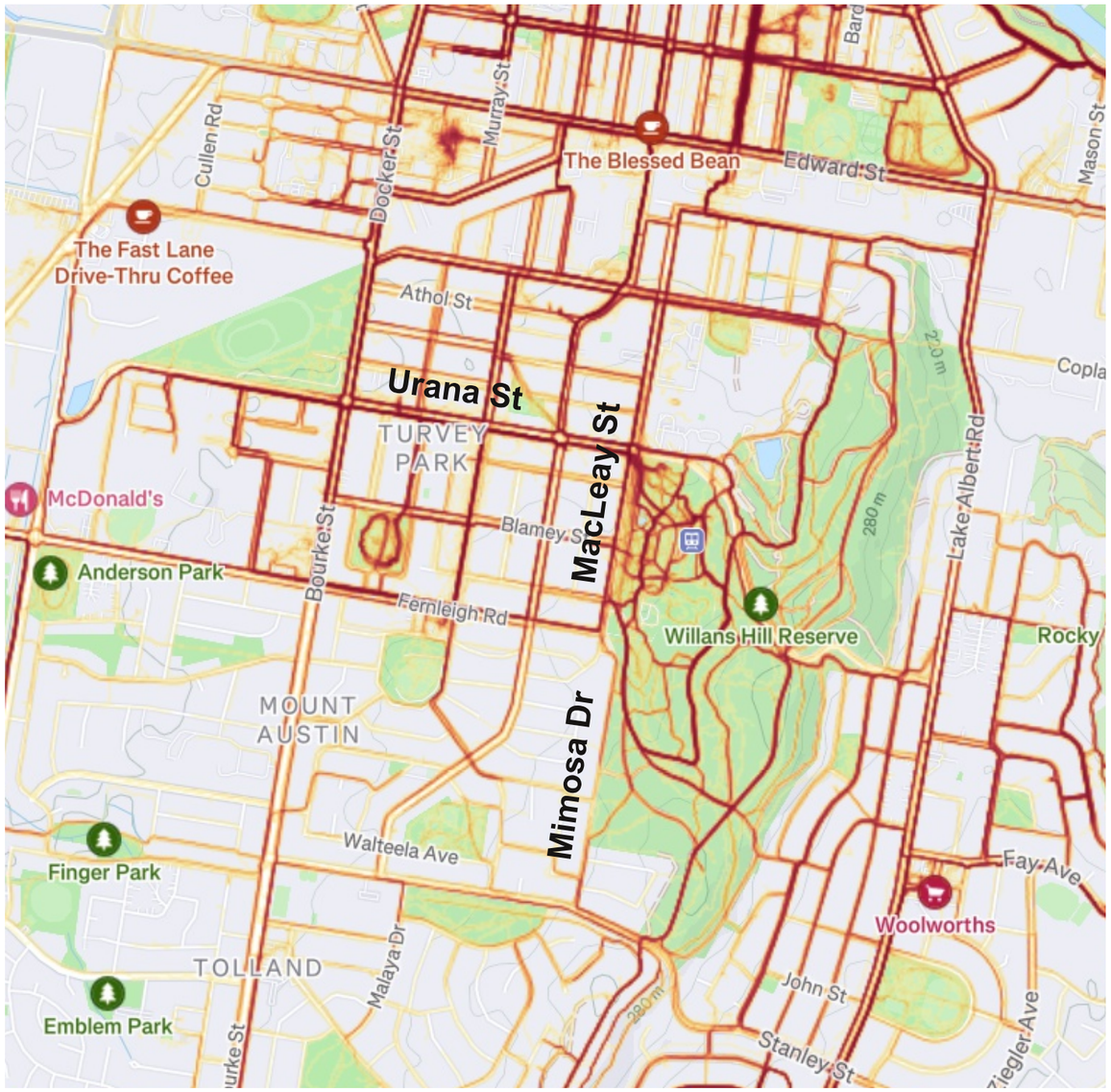
There are no existing or proposed direct active travel connections to the WBG precinct.

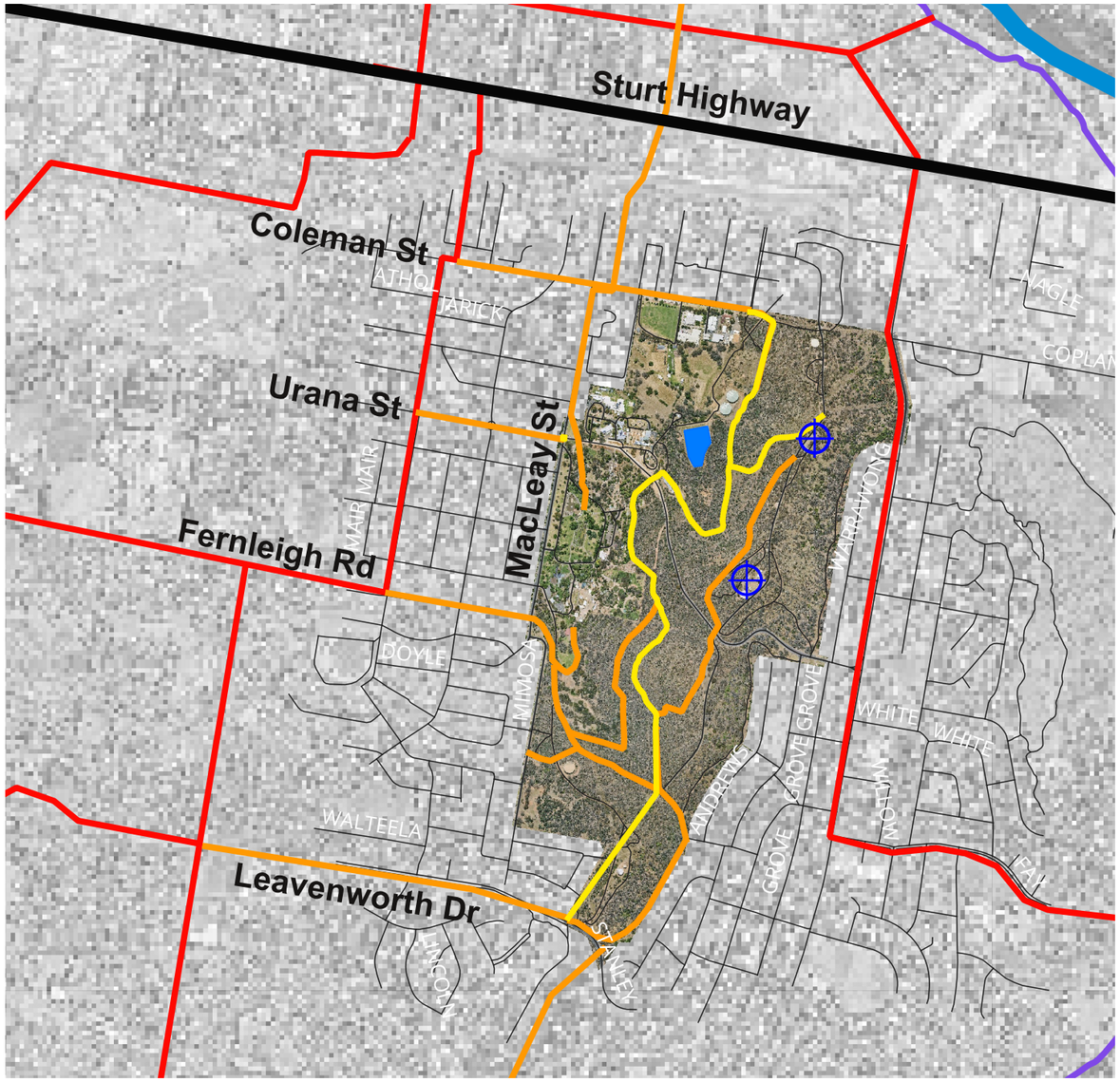
Accessible connections to the MOR are limited, with Lord Baden Powell Dr and the railway acting as major obstacles.



02 PROJECT ANALYSIS

Precinct Context Heat Map - Walking





Context Issues

• Despite being quite central in relation to the Wagga city overall footprint, active travel & pedestrian connections to the Botanic Gardens precinct are poor.

• Active travel connections to the east, south west and south are poor.

• MacLeay St provides a strong connection to the CBD.

• Urana St provides a strong connection to the west.

02 PROJECT ANALYSIS

Major Elements

1. Willans Hill Lookout Points 308m/292m
2. Botanic Gardens low point 217m
3. Botanic Gardens high point 257m
4. MacLeay St South 252m

Opportunities

Lookout opportunities

Gravity experiences

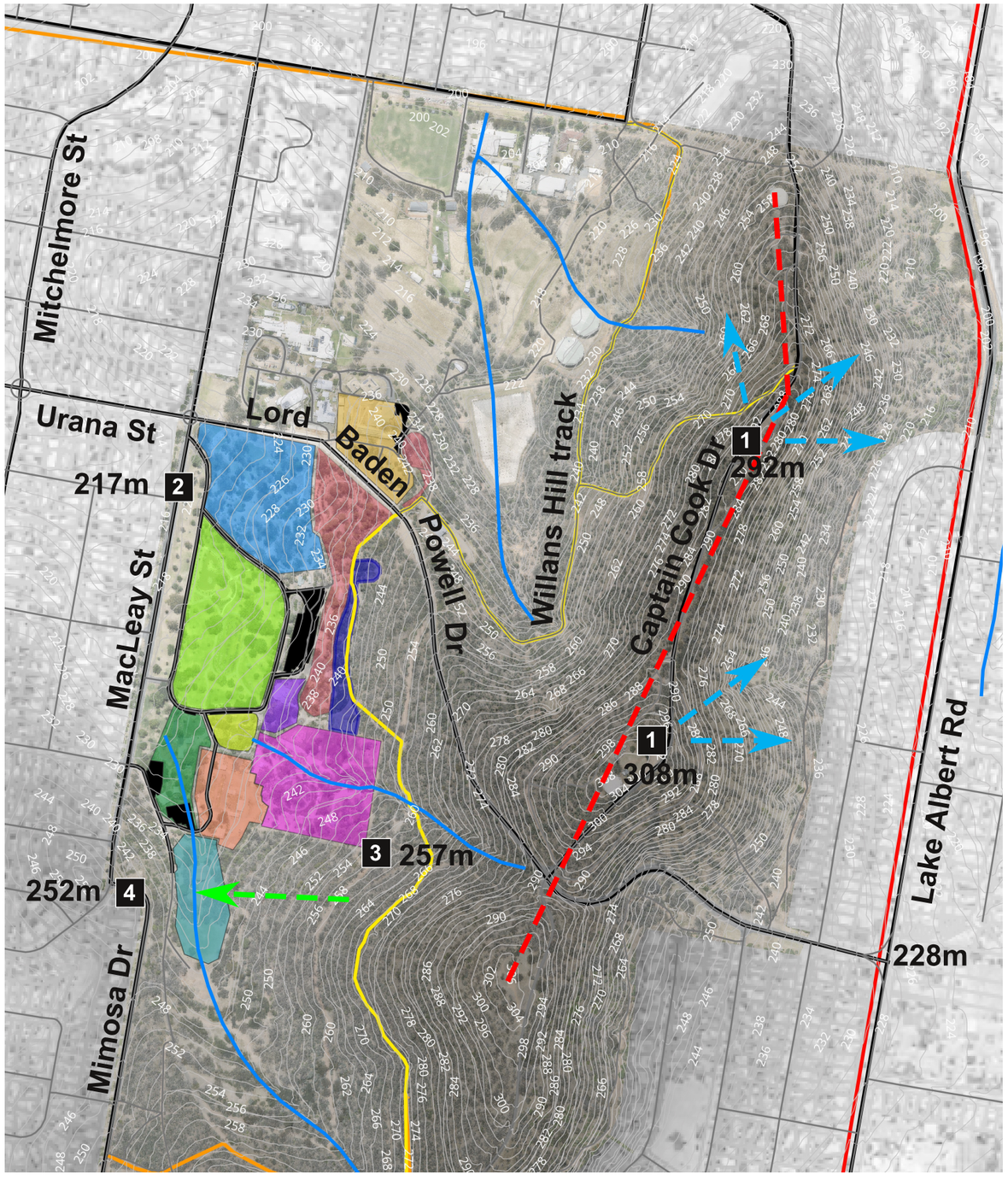
Constraints

Steep gradients constrain east to west pedestrian paths of travel.

Steep gradients are causing significant stormwater flows and soil erosion.

There are no formal walking tracks connecting the Botanic Gardens to Willans Hill lokoout points.

Willans Hill creates a significant barrier for pedestrians and active travel options from the east.



02 PROJECT ANALYSIS

Major Elements

1 236m contour intersects MOR, Main carpark, Cafe & Music Bowl

2 246m contour runs along uppper terrace paths

3 226m contour runs though native garden and manicured gardens

Major Contour Lines (10m)

Topography Pedestrian Constraints

5% Gradient - Accessible limit of sloping path

6.5% Gradient - Limit of accessible ramp

14% Gradient - Very steep & beyond accessible code limits

Parking Constraints

5% Gradient - Max gradient measured parallel to direction of parking

6.5% Gradient - Max gradient measured in any other direction

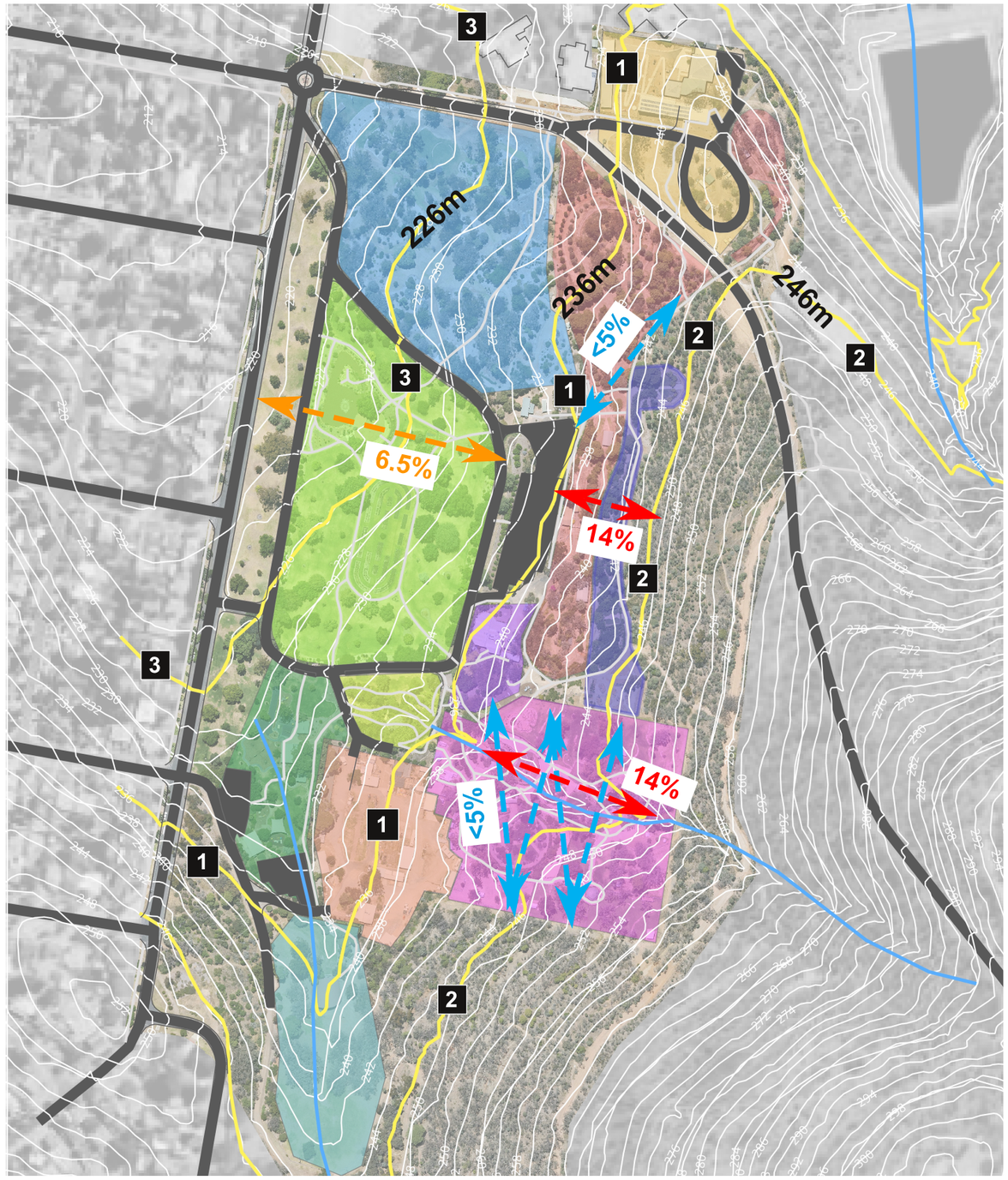
Key Points

Lowest gradients are on the western (MaCleay St) frontage

Accessible pedestrian paths of travel are best running north to south

The Zoo requires major pedestrian network re-configuration

The 236m contour is the ideal height for an accessible connection from the MOR to the Music Bowl



02 PROJECT ANALYSIS

Major Restrictions

1. Existing bridge does not meet AS1428 code and is not fit for purpose
2. Pedestrian access running north of cafe is in conflict with vehicle access road
3. Pedestrian access to east of cafe is in conflict with vehicle & service zone
4. Pedestrian access to west of cafe is in conflict with Tom Wood Drive
5. Pedestrian paths terminate aligning to vehicle roadways
6. Pedestrian access is restricted between the Zoo & Rainforest
7. Potential paths along the 236m contour are blocked by the current Council Depot footprint

Pedestrian Constraints

Accessible pedestrian access requires gradients <5% for paths & walkways

Poor pedestrian access and major risk of overland stormwater damage

1 Restrictions

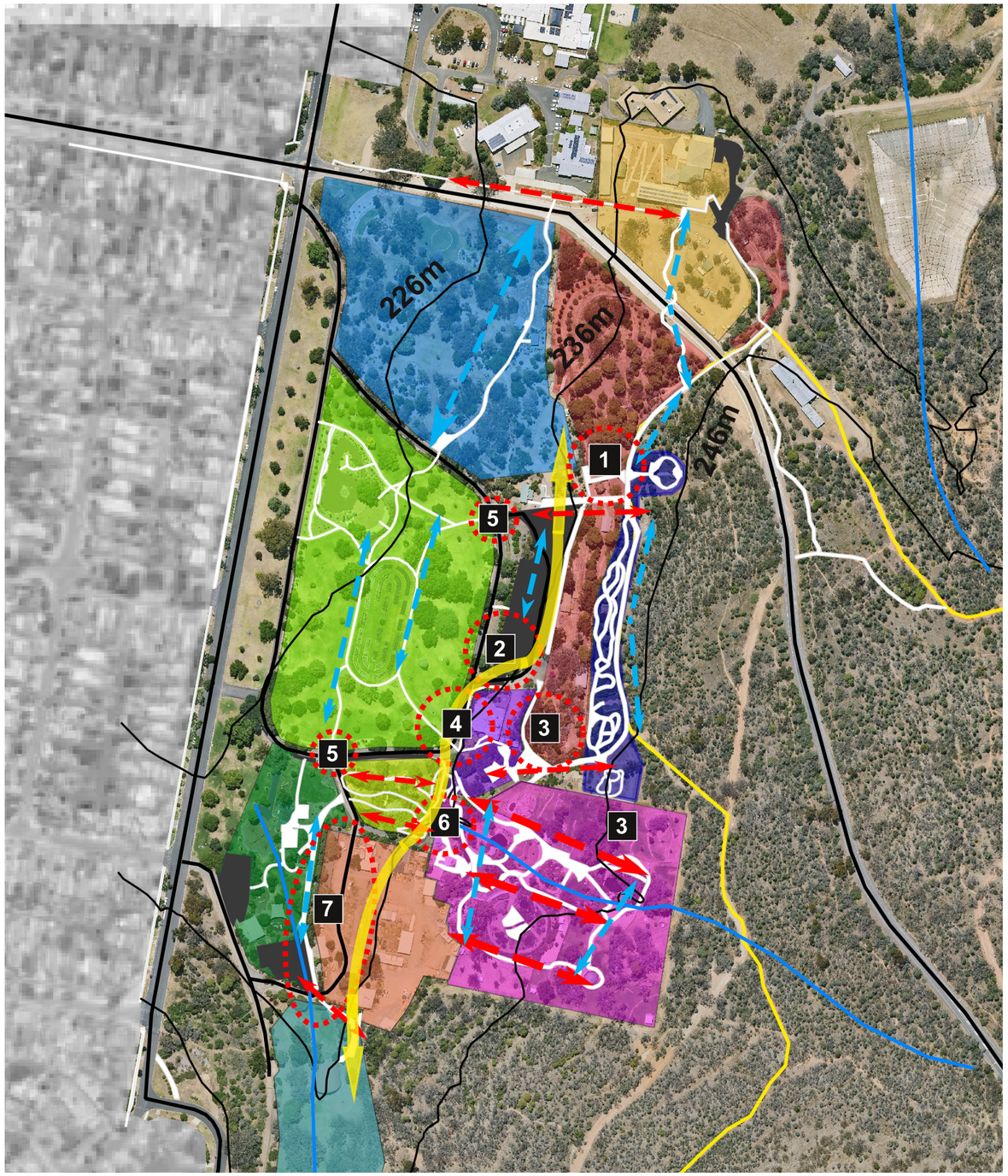
Major Constraints

Pedestrian and vehicle access is in conflict in several areas

Preferred pedestrian access and the Council depot are in conflict

Major Opportunities

Modify the Depot footprint to create a stronger pedestrian concourse that aligns closely to the 236m contour, connecting the MOR, main car park & cafe zones to the Music Bowl.



02 PROJECT ANALYSIS

Major Restrictions

1. Main Carpark
2. Southern Carpark
3. Western Carpark
4. Museum Carpark
5. Bus parking zone
6. Museum bus loop
7. Pedestrian access & Tom Wood Dr are in conflict
8. Potential parking areas for investigation
9. Music Bowl access road

Pedestrian Constraints

Potential Tom Wood re-alignment

1 Restrictions

Major Constraints

Tom Wood Dr and the Cafe zone are in conflict.

Preferred pedestrian access alignment and the Council Depot vehicle access points are in conflict.

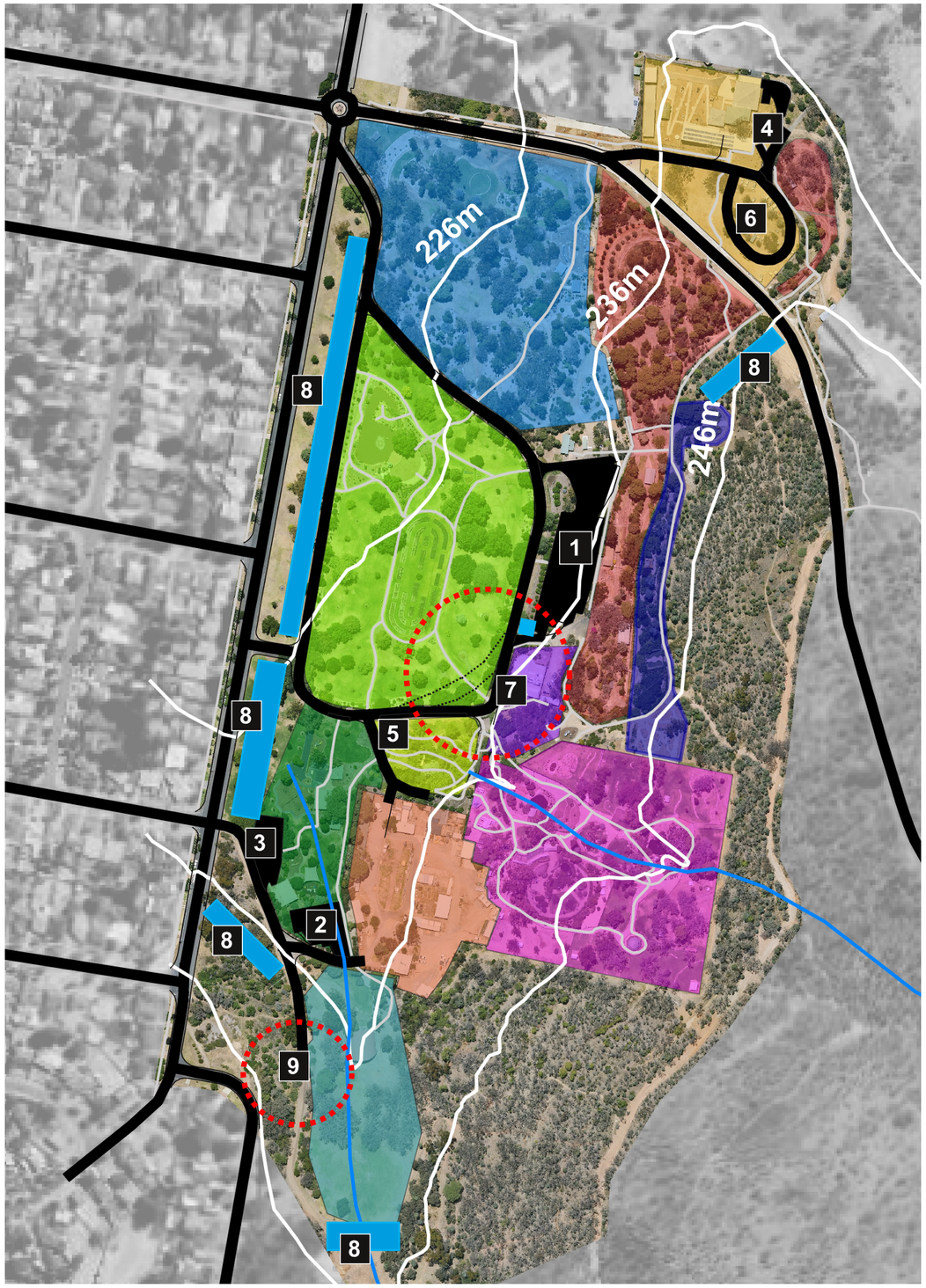
The main carpark has a poor surface and requires a major upgrade.

The Adventure playground carpark has a confusing layout and requires rationalisation.

There is no public vehicle access to the Music Bowl.

Major Opportunities

Some existing mature trees in the vicinity of the preferred Tom Wood Dr alignment may be in poor health and may be suitable for removal.



02 PROJECT ANALYSIS

1 Main carpark 115 spaces

2 Western carpark 20 spaces

3 Southern carpark 33 spaces

4 MOR 6 formal spaces plus informal spaces

Total 174 existing parking spaces across precinct (approx)

Other Parking Constraints

The main carpark and Tom Wood Dr are closed for major festival events making precinct parking difficult.

MacLeay St is unsuitable for major car parking due to traffic safety and difficulty for pedestrians accessing WBG from the lower street levels.

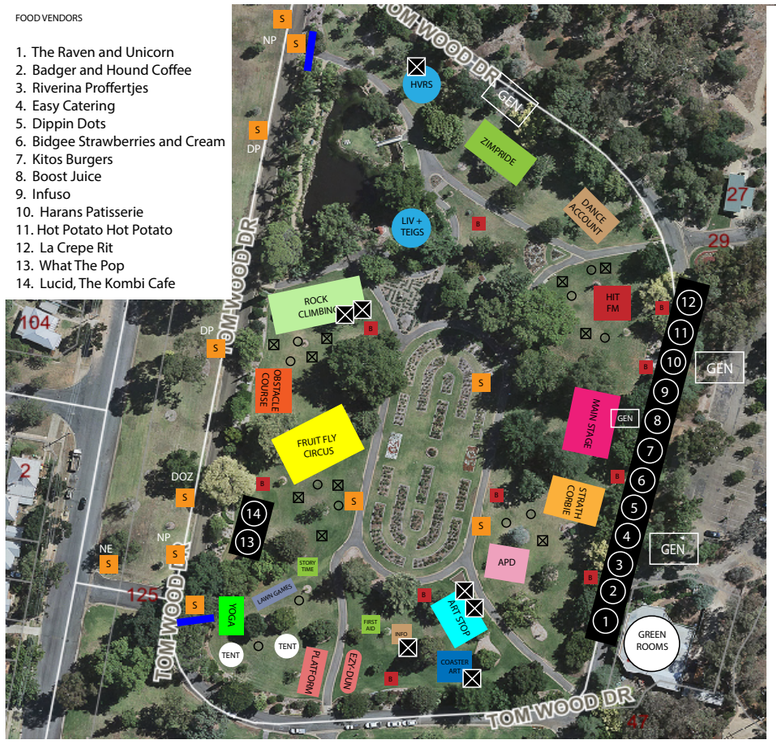


02 PROJECT ANALYSIS

Spring Jam

FOOD VENDORS

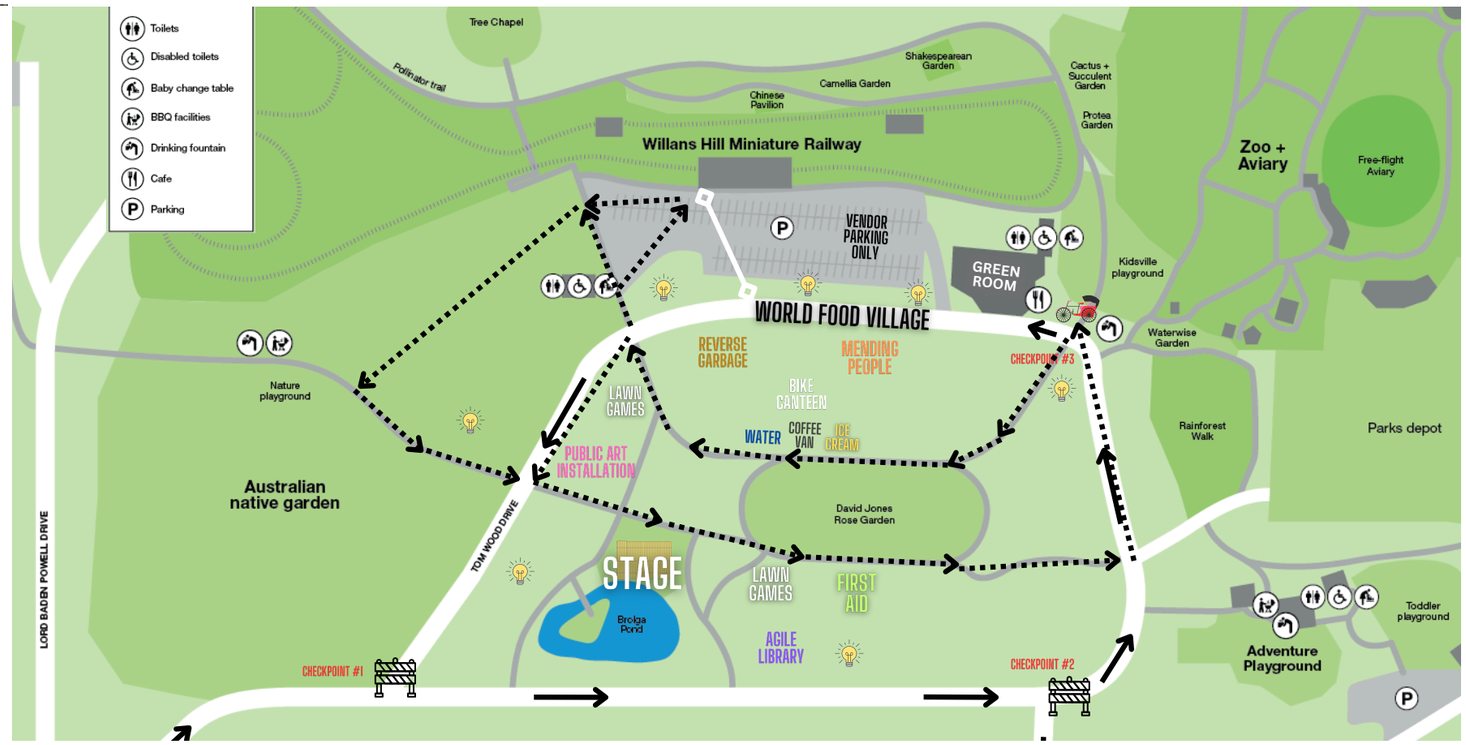
1. The Raven and Unicorn
2. Badger and Hound Coffee
3. Riverina Proffertjes
4. Easy Catering
5. Dippin Dots
6. Bidgee Strawberries and Cream
7. Kitos Burgers
8. Boost Juice
9. Infuso
10. Harans Patisserie
11. Hot Potato Hot Potato
12. La Crepe Rit
13. What The Pop
14. Lucid, The Kombi Cafe



SPRING JAM
SITE MAP

- UMBRELLA
- TABLE, BENCH + CRATE
- BINS
- GENERATOR
- SIGNAGE
- ROAD CLOSURE
- VISIT WAGGA GAZEBO

Fusion Botanical





Major events on site typically require the closure of Tom Wood Dr and the main carpark.



The main carpark surface does not meet AS1428 path of travel requirements due to current surfacing and gradients.



All weather power outlets, including three-phase power, will be required along the main



pedestrian concourse and upgraded main carpark, to service event stalls and attractions.

03 PROJECT PRINCIPLES (THE RETURN BRIEF)

Key Principles

- •Gardens - Should the precinct have a new, or modified name to better define the user experience?
- •What is the Wiradjuri name for Willans Hill? Could this be used in some way?
- •Increase the site's ability to facilitate educational, environmental, social and healthy activities for all users, including teens and dog owners.
- •Maximise the ability for Council to reduce net operating and maintenance costs. Harnessing volunteer services and explore relevant commercial/retail opportunities.
- •Improve the overall levels of site sustainability, safety and accessibility. Provide a network of (sealed) Accessible Paths of Travel connecting all zones within the precinct.

Key Experiences & Services

Existing Experiences and Services to continue

- •A public park with recreation spaces and themed garden spaces including Botanic Gardens.
- •Public and private event spaces including the Music Bowl.
- •Education & interpretation - Waterwise garden, Museum of Riverina, Zoo, Greenhouse etc
- •Speciality experiences – Rainforest, Zoo, Railway.
- •Hospitality and social – Café, BBQ, picnic etc.

Proposed new Experiences and Services

- •Direct active travel linkages to other city features including the CBD, the Murrumbidgee River, Lake Albert and residential zones.
- •Improve linkages to the broader precinct experiences including Willans Hill, lookouts and the Wiradjuri Trail.
- •A new Greenhouse and Waterwise garden accessible to the public, including potential retail functions.
- •An upgraded Zoo entry including information, education and possible retail functions.
- •A 'Community Hub' providing public amenities (including Changing Places level facilities), indoor function and program space/s, and precinct volunteer operational facilities.
- •Experiences for mobility impaired visitors.
- •Experiences for Teenage and other visitors seeking active recreational activities.
- •A safe and accessible connection to the MOR, including an LBPD overpass and combined treetop canopy experience (as a longer-term aspiration).

Council Operations, Management & Resourcing

Council Resources

- •Council are operating and maintaining a broad spectrum of site services and experiences on a limited budget, all of which are considered to be valuable by community stakeholders.

Build it and they will come

- •The precinct offers the potential to activate new income streams and partner with community and volunteer groups to increase the levels of service quality and provide new specialised experiences.
- •By recognising and strengthening the role of the community 'Hub' Council will continue to energise community organisations and individuals who wish to engage with the precinct.

Governance

- •Council will need to set in place a relevant Plan of Management that addresses all uses, operations and Crown Land usage criteria. In doing so, Council may consider the creation of a 'Not For Profit' legal entity that can harness public & private revenue streams and utilise volunteer labour sources.
- •A volunteer strategy should seek to support and engage with all site activities including the model railway.
- •Council should investigate the development of a digital platform to enhance interpretive experiences and assist with site wide bookings and ticketing, including the model railway.

Major Interventions

- •Adjust the Tom Wood Drive alignment and modify the Council Depot footprint to create a safer and more accessible pedestrian network.
- •Re-distribute site parking to provide more direct access to all zones and facilities. Some parking zones to remain available during major events.
- •Create a central 'Hub' zone accommodating major building infrastructure and services.

Concourse & Pedestrian Loops

- •Establish an accessible pedestrian concourse that connects the MOR to the Music bowl.
- •The concourse should serve as a multi-purpose element, suitable for event hosting and providing direct access to amenities, major site services and attractions.

Zoo

- •Re-align the primary circulation to provide an accessible path of travel to all enclosures.
- •Accessible surfaces will assist with stormwater control, maintenance and downstream water quality.

Rainforest

- •Increase the footprint to become a major site feature.
- •Improved water quality and utilisation of gully environment to create water features contributing to the Rainforest experience.

Railway

- •Upgrade the station building to provide a code compliant accessible entry with façade treatments that engage with, and contribute to the public realm.
- •Encourage broader engagement with Hub activities and volunteer resourcing.
- •Strengthen cooperation with Council digital platform to reduce internal bookings and ticketing workloads.
- •Improved site drainage and uphill water flow control.

Music Bowl

- •Re theme the Music Bowl zone an active recreation area, including an off lead dog zone.
- •Create activities specifically targeted towards teenage visitors.
- •Maximise opportunities for outsourced activities and 'Pop Up' businesses such as equipment hire, gravity attraction/s etc.
- •The site could remain available as a performance/ event space eg carrols etc.
- •The zone could serve as a linkage point to external experiences such as the Wiradjuri Trail, Lake Albert, Willans Hill lookouts etc.

Native Garden

- •Develop a First Nations component with direct Wiradjuri engagement and interpretation elements.

Hub and Community Zone

- •Rationalise the provision of multi-purpose hall/conference/presentation/club spaces (including the eventual demolition of Mary Kidson Hall) to directly address the main concourse.
- •Re-locate the Changing Places functionality to the Hub zone along with general amenities in suitable proximity to the Music Bowl.
- •Strengthen volunteer group partnerships by providing communal supporting facilities.

Cafe Zone

- •Expansion of north and south terraces and seating.
- •Improve access from the main pedestrian concourse.
- •To serve as a primary site element and service.
- •Upgrades to the south terrace to improve overland water flows and improve pedestrian access to the amenities block.

04 MASTERPLAN INVESTIGATIONS

Key Aspirations

Establish a Main Pedestrian Concourse connecting the MOR to the Music Bowl. Apply a width capable of hosting event stalls with adjacent pedestrian circulation (central areas), including power and lighting services. The main concourse should generally follow the 236m contour and utilise gradients below 1 in 20 and apply the Accessible path of Travel principles as defined in AS1428. This would include a major pedestrian overpass crossing Lord Baden Powell Drive.

New primary built infrastructure, including toilets, Changing Places amenities, community facilities and educational facilities should be established along and adjacent to the Main Concourse. New accessible seating and shelters should be placed adjacent to new accessible paths.

New accessible loop path connections should join upper and lower pedestrian networks to the main concourse level.

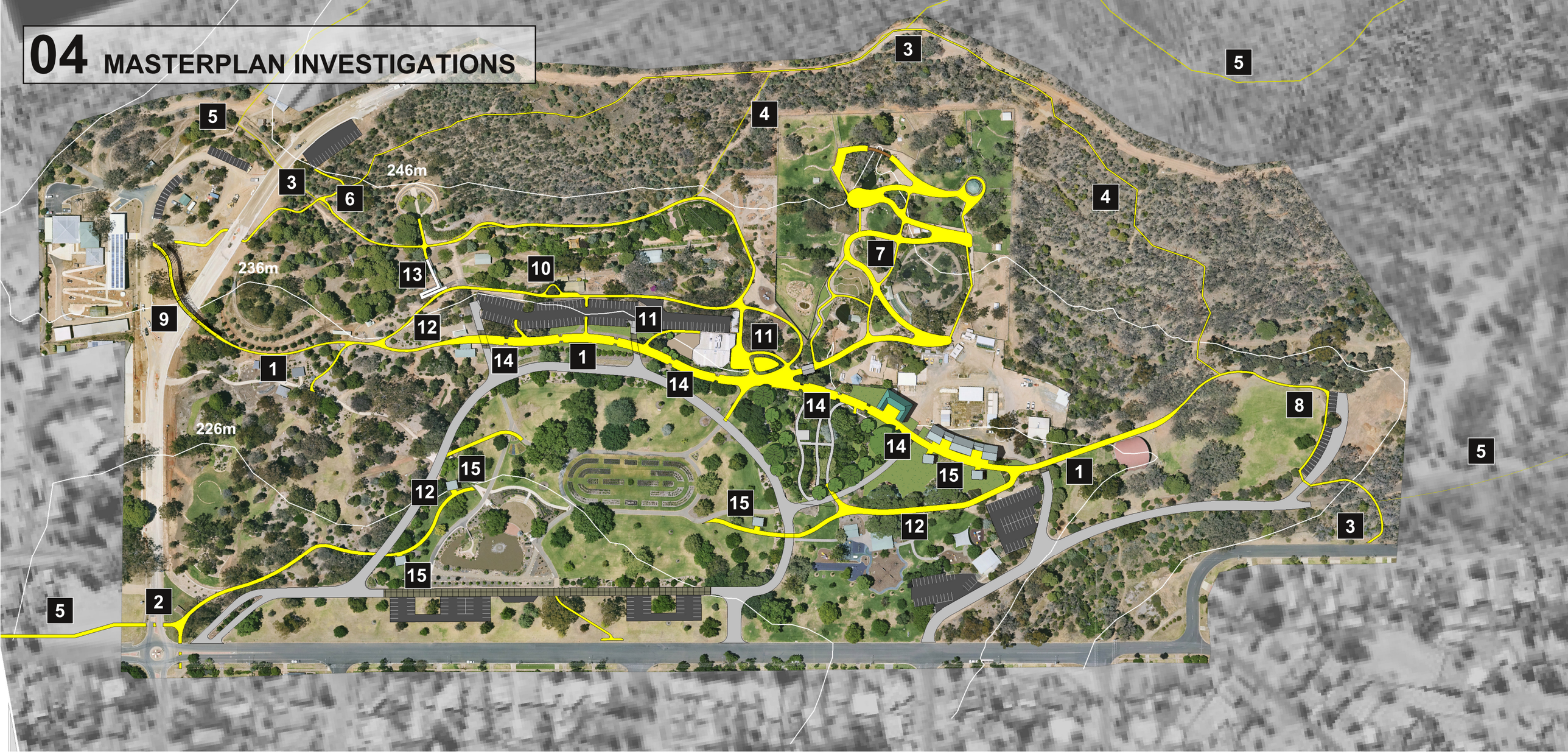
The primary Zoo circulation should be reconfigured to a north-south format to provide an accessible path of travel connection from the Zoo entry to all enclosures. Gradients should typically be less than 1:20 and utilise hard surfaces as defined in AS1428 path or travel requirements. The upgraded Zoo circulation network should be configured in a manner that minimises and controls stormwater flows and implements drainage and sediment control devices that control down stream pollution to the Rainforest zone.

The pedestrian path accessing the Railway Main Station building entry point should be raised to enable a compliant accessible Railway entry path of travel combined with an enhanced Railway Station façade activation.

The pedestrian overpass crossing the Railway should be upgraded or replaced to meet AS1428 path of travel specifications. Provide an accessible connection to the main concourse.

An enhanced network of paths and tracks should connect the Botanic Gardens to the broader precinct and city features including the Willans Hill walking track and Captain Cook Drive lookout points, Lake Albert and the Wagga Wagga CBD.

04 MASTERPLAN INVESTIGATIONS



1	New main pedestrian concourse	6	Accessible link from LBPD Parking to 'Chapel'	11	Accessible cafe terrace connections
2	New main pedestrian entry	7	Rotated primary Zoo Circulation	12	Accessible loop connections between levels
3	New secondary pedestrian entry points	8	Pedestrian link to Music Bowl parking	13	Accessible Railway overpass
4	Internal track connections to precinct entry points	9	Optional LBPD overpass	14	Power & lighting to main concourse
5	Track and path connections to external attractions	10	Accessible Railway entry	15	Accessible picnic & shelter facilities

PRELIMINARY DRAFT

PROPOSED PEDESTRIAN ACCESS

0 100

9 Optional LBP overpass

A pedestrian overpass would be an expensive option, however it would enable a safe and appropriate connection between the Botanic Gardens and the Museum.

The pedestain overpass crossing Lord Baden Powell Drive, would facilitate a main pedestrian concourse connecting from the Museum of Riverina to the Music Bowl at a walkway gradient meeting AS1428 accessible provisions.

There would be opportunities to combine additional experiences, such as a treetops walk.

04 MASTERPLAN INVESTIGATIONS

New pedestrian elements will generally follow nouth-south alignments and be set to gradients complying with the accessible walkways provisions in AS1428.1. Gradients should be set to a maximum of 1:33 (3%) where possible, and in other instances set to gradients less than 1:20 (<5%) to avoid the need for accessible ramps. The upgraded pedestrian bridge crossing the model railway will be an exception to this principle and will need to be classified as an accessible ramp with a maximum gradient of 1:14 (7%). The ramp will need to incorporate other AS1428 provisions including hand rails, kerb rails and a compliant surface treatment and accessible connections to adjacent paths.

The new pedestrian concourse, main carpark and upper pedestrian path should be set to an accessible crossfall of approximately 2.5% (1:40) to meet the AS1428.1 provisions for compliance as an accesible path of travel. Each of these levels will be separated by steeper zones of new landscaping, with some accessible path connections and stairs at suitable interval points.

The upper pedestrian path should be upgraded and lifted as it passes by the model railway public entrance, to permit a compliant accessible connection to the main railway station and platform levels.



1 New Tom Wood Dr parking

2 New main pedestrian concourse

3 Modified main carparking zone

4 Modified upper pedestrian path and model railway connection

5 New pedestrian bridge

PRELIMINARY DRAFT

SITE CROSS SECTION

0 40

04 MASTERPLAN INVESTIGATIONS



Key Aspirations

Tom Wood Drive should be realigned to provide a clear zone and accessible gradient for the Main Pedestrian concourse.

All internal vehicle roadways and parking laneways intersecting with pedestrian paths should be clearly demarcated and utilise shared zone style surface treatments and control devices.

The new parking should be spread across multiple locations to service all parts of the Botanic Gardens precinct including specific zones such as the Museum of Riverina, the Tree Chapel, the Music Bowl (including new uses) and the lower manicured/native gardens zones. Accessible spaces should be provided in all carparks.

The existing western Adventure Playground and Council Depot parking areas should be connected and rationalised with the eventual removal of Mary Kidson Hall.

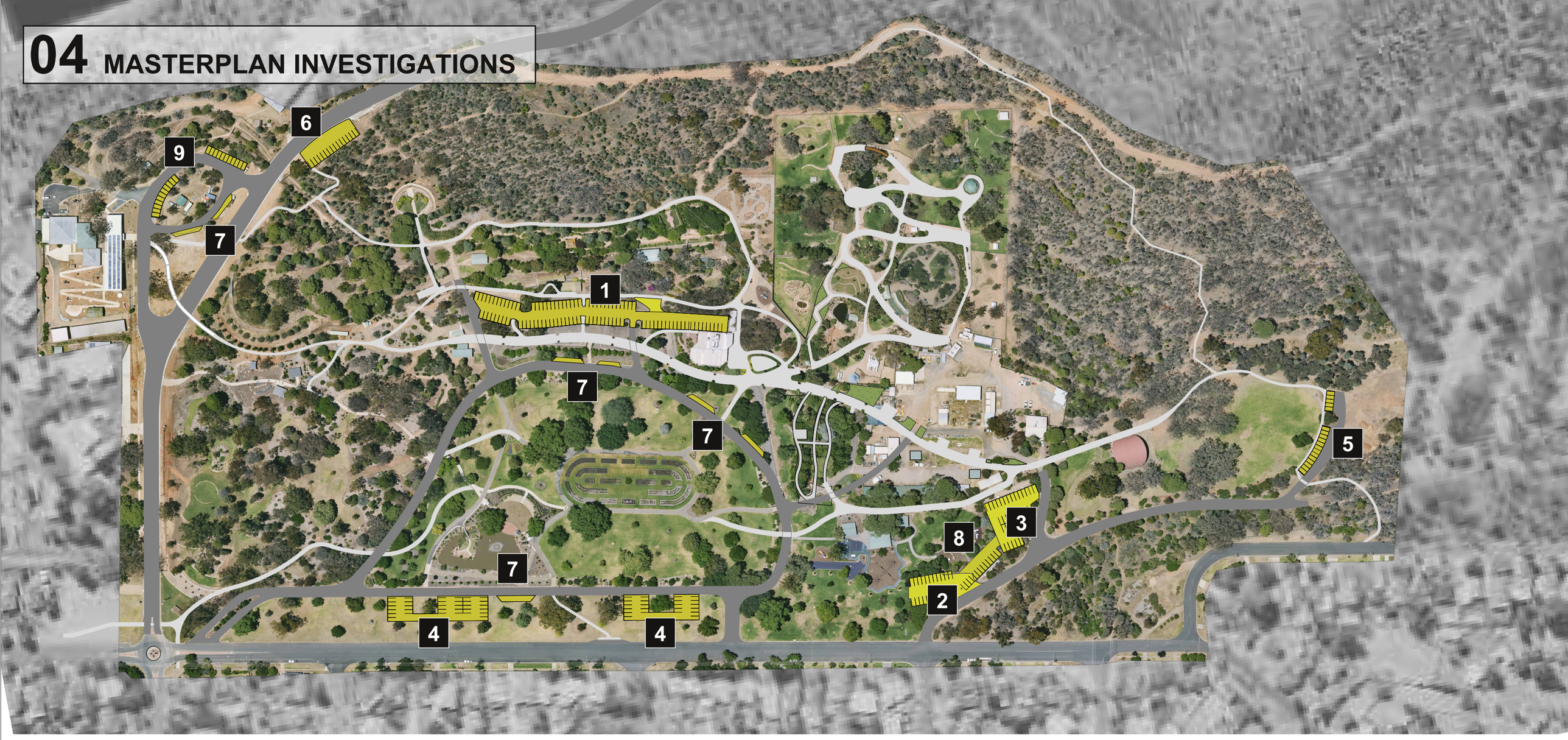
A significant portion of the Botanic Gardens parking spaces should remain available during major events.

The access road to the proposed Music Bowl carpark should be upgraded and remain open to the public.

The metal fencing along Mimosa Ave should be removed to enable greater connection to the public realm and an increased level of public surveillance.

The MacLeay St bus stop should be upgraded to provide a safe and accessible service.

04 MASTERPLAN INVESTIGATIONS



Existing precinct parking	174 spaces
Proposed precinct parking	265 spaces
Parking available during major events	175 spaces

The proposed parking layouts are formatted to retain existing significant trees.

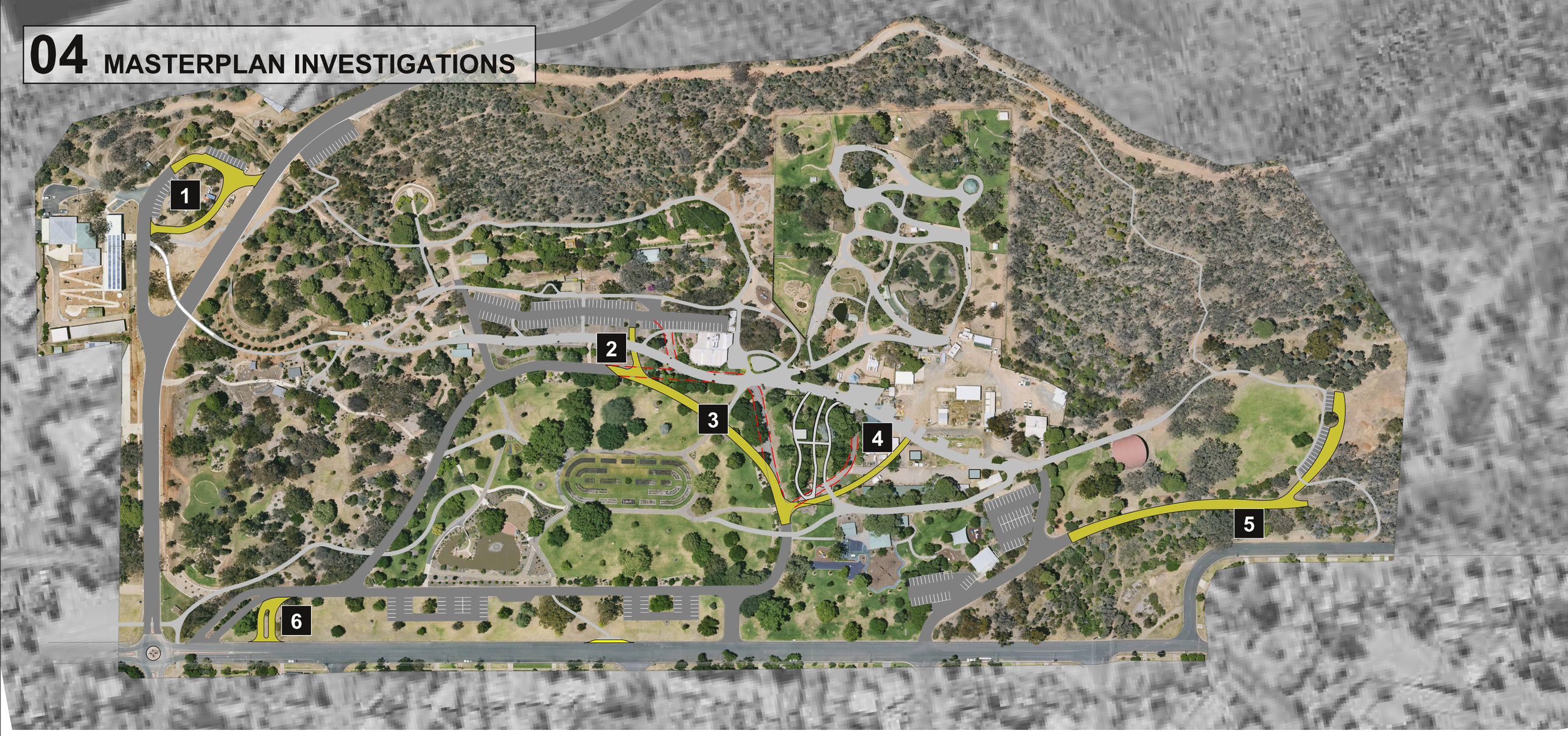
1. New Main carpark 90 spaces
2. Western carpark 20 spaces
3. Southern carpark 33 spaces
4. New Tom Wood Dr 48 spaces
5. New Music Bowl 18 spaces
6. New Lord Baden Powell Dr 15 spaces
7. Bus Parking
8. Rationalised Community Zone Parking adds 17 spaces
9. Formal MOR 24 spaces

PRELIMINARY DRAFT

PROPOSED PARKING

0 100

04 MASTERPLAN INVESTIGATIONS



1 New MOR bus and vehicle loop

2 Revised main carpark exit

3 Tom Wood Drive re-aligned

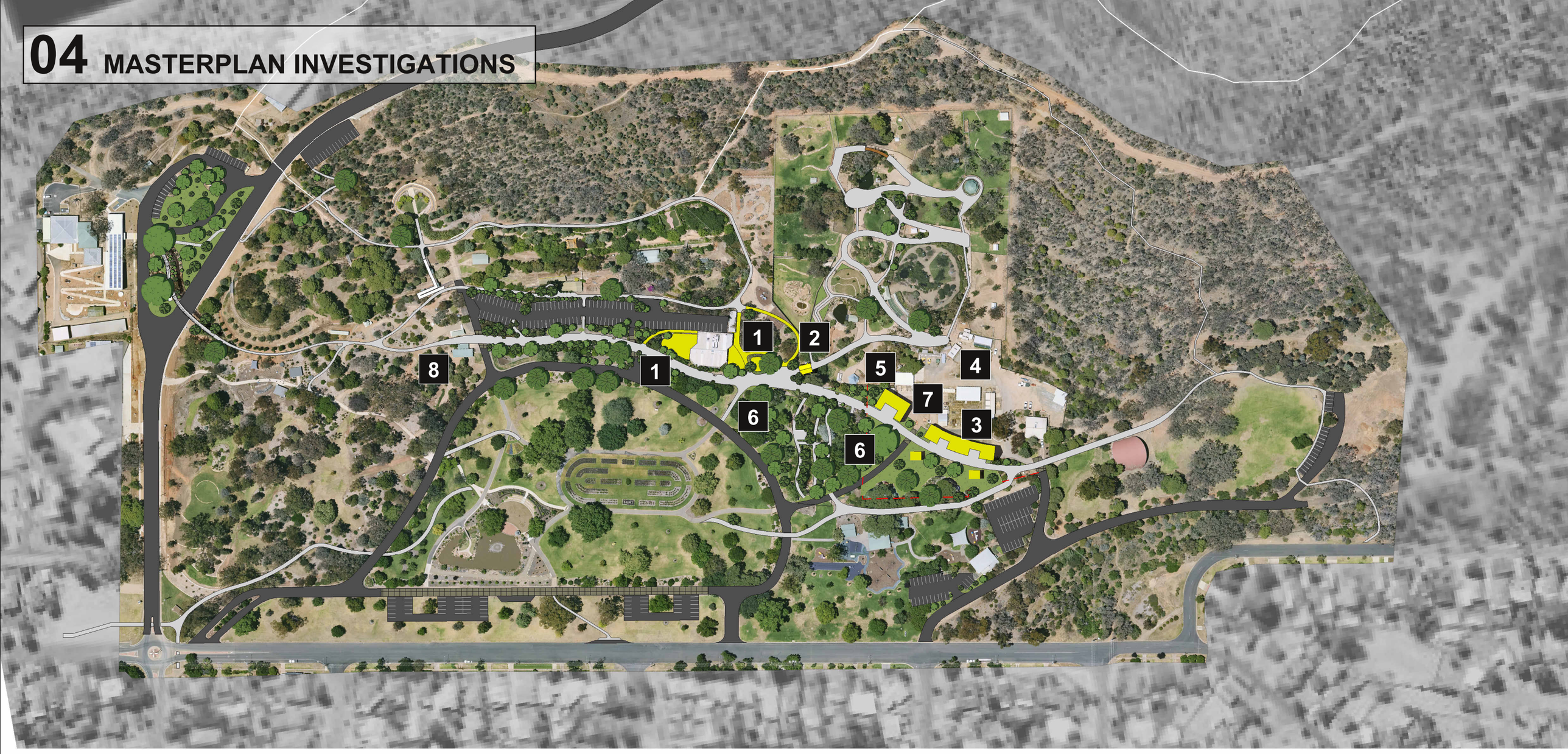
4 New entry to the Council Depot

5 Vehicle connection to the Music Bowl carpark

6 Investigate a modified main vehicle entry

7 Upgraded MacLeay St bus stop

04 MASTERPLAN INVESTIGATIONS



The new Main Concourse should align to access the existing northern toilet block location.

The Railway Station building should be upgraded to provide an accessible entry and concourse activation.

The Waterwise Garden will need to be re-located to enable the continuation of the Main Concourse towards the south.

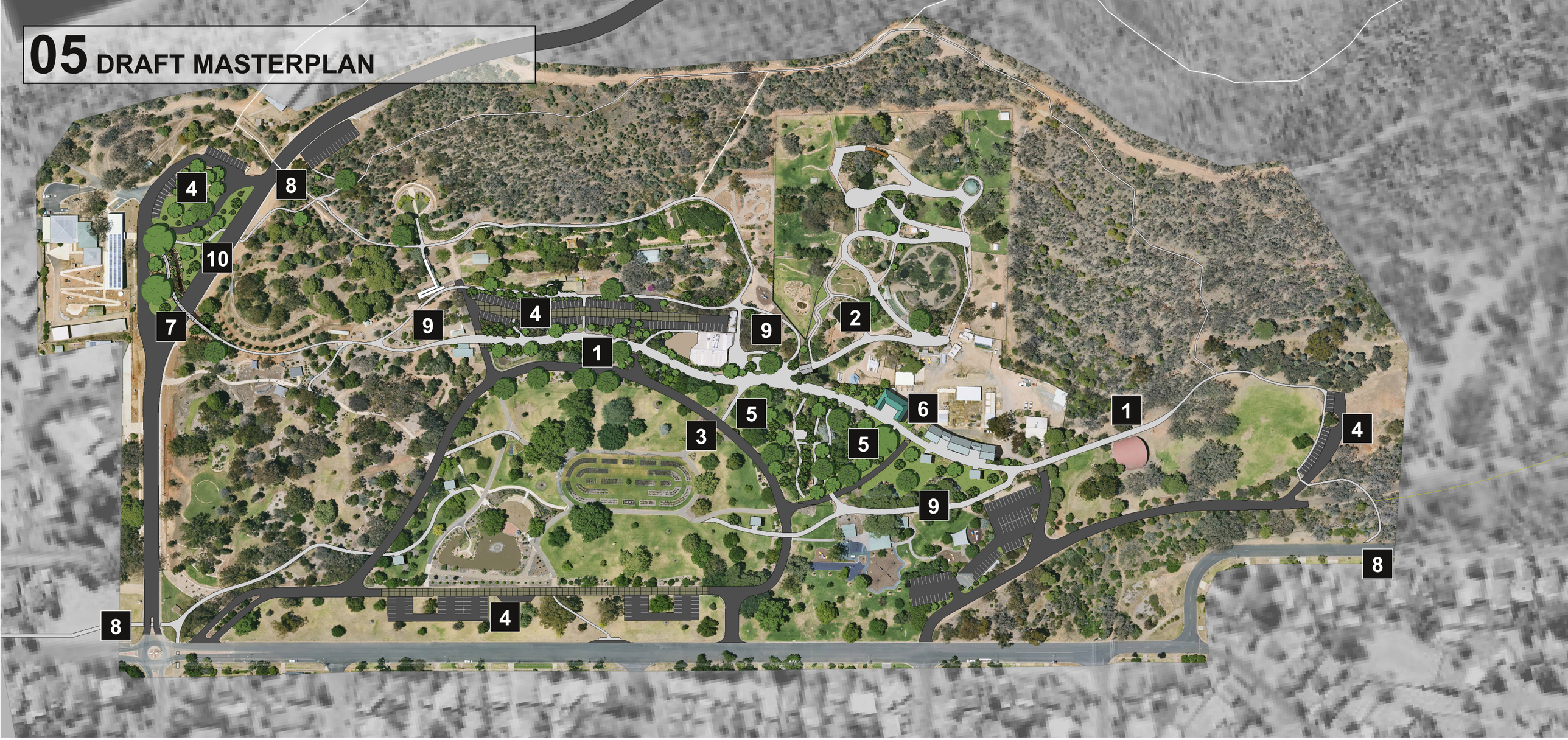
The Council Greenhouse should be re-configured and activated to provide a public educational and interactive activity.

Demolished clubhouses and facilities should be replaced with communal 'Hub' facilities to support volunteer and other organisation's site activities.

The Changing Places accessible facility should be located in the new 'Hub' Centre

1 Expanded Cafe terraces	**3** Volunteer Hub & public toilets	**5** Activated Greenhouse	**7** Re-located Waterwise Garden
2 Zoo Entry & Interpretive Space	**4** Reduced WWCC Depot footprint	**6** Expanded & enhanced Rainforest Zone	**8** Northern amenities block

05 DRAFT MASTERPLAN



1 Accessible main pedestrian concourse

2 Revised primary Zoo circulation & entry

3 Modified Tom Wood Dr alignment

4 Expanded car parking & access roads

5 Expanded & enhanced Rainforest Zone

6 Activated Hub zone & revised depot footprint

7 Optional Lord Baden Powell Dr pedestrian overpass

8 Formalised pedestrian entries

9 Accessible loop connections between primary levels

10 MOR forecourt landscaping

05 DRAFT MASTERPLAN



1	Accessible main pedestrian concourse	4	Accessible Railway entry	7	Tom Wood Drive re-aligned
2	Re-aligned main carpark	5	Main Concourse set to accessible toilet level	8	New connecting footpaths
3	Demarcated shared zone	6	Expanded Cafe terraces with accessible paths	9	Lighting and power outlets

PRELIMINARY DRAFT

MAIN CARPARK ZONE

0 20

05 DRAFT MASTERPLAN



1	New Main Entry	4	Re-configured enclosures	7	Breakout spaces
2	New accessible primary circulation	5	New bridge	8	Hub activation
3	Secondary circulation	6	Upgraded site drainage	9	New service building

05 DRAFT MASTERPLAN

1 Accessible north terrace connection

2 Expanded and upgraded north terrace

3 Expanded and upgraded south terrace

4 Upgraded toilets access and drainage

5 Accessible loop connection to south terrace

6 Continuous loop connection to upper terrace

7 Upgraded playground and fencing

05 DRAFT MASTERPLAN

1 Expanded Rainforest Zone

2 Upgraded Rainforest circulation

3 Upgraded Rainforest water features

4 Re-located Waterwise Garden

5 Greenhouse with public activation

6 Botanic Gardens 'Hub Centre' and amenities

PRELIMINARY DRAFT

HUB ZONE

0 20

05 DRAFT MASTERPLAN

1 Optional LBP overpass

2 New parking

3 Upgraded vehicle loop

4 New forecourt landscaping

5 New interpretive signage

6 Interpretive Display

05 DRAFT MASTERPLAN

1
2
3
4

1 New main pedestrian entry

2 Wiradjuri Garden - First Nations Zone

3 Yarning Circle

4 Optional MOR canopy walk connection

05 DRAFT MASTERPLAN

Activated & upgraded railway station



Existing facade



- Enhanced facade
- Activated concourse
- Accessible entry

Expanded & enhanced rainforest





- Enhanced watercourse
- Water features
- Mist garden
- Upgraded walkways

Shared zones & crossings





- Pedestrian priority
- Materials changes
- Level changes
- Signage

Mimosa Drive Activation



Existing Mimosa Dr frontage



- Remove metal fencing
- Improve Mimosa Drive connection
- Signage
- Increased public surveillance

05 DRAFT MASTERPLAN

Acsessible seating & picnic facilities









- Suitable hardstand adjacent to seating
- A variety of table and seating options
- Integration with shelters & access paths

06 DRAFT MASTERPLAN PROJECTS SCHEDULE

City of Wagga Wagga Botanic Gardens Masterplan - Projects Schedule

Item	No	Major Infrastructure, Development and Services	Timeframe & Priority					Details
			Critical Dependencies	Short	Medium	Aspirational	Critical Precursors	
1. General Project Inclusions	1.1	Site management						Council to develop a Plan of Management Council to develop a suitable corporate structure for funding and volunteer resourcing
	1.2	Signage						Major signage at entrance nodes with site mapping Wayfinding and identification signage distributed across site and precinct Interpretive signage distributed across BG site Wayfinding signage directing pathways and trails to external attractions Internal and external signage directing connections to active travel network
	1.3	Lighting						Lighting to carparking zones Lighting to Main Concourse and primary pedestrian zones Lighting to shared zones Lighting to pedestrian entries
	1.4	Power						Power outlets to main Concourse - including some 3 phase outlets Power outlets to other event spaces - including some 3 phase outlets The design should factor probable event site mapping and operations
	1.5	Drinking water						Drinking water outlets along main concourse Drinking water outlets at Music Bowl and on some secondary pedestrian routes
	1.6	Seating and shelters						Provide a variety sheltered seating and BBQ areas Incorporate accessible options where possible
	1.7	BBQ facilities						Provide a variety of facilities evenly spread across the precinct Options Integrated with fenced playground areas
	1.8	Waste facilities						Appropriately distributed across site and precinct
	1.9	Digital platform						Council to consider the development of a digital service to facilitate public engagement with Botanic Gardens services including: -Information and interpretation - QR codes -Facility bookings -Railway bookings and ticketing -Wayfinding -Programming -Etc
	1.10	Upgraded site drainage and overland stormwater flows						Across Zoo and into the Rainforest areas Upper Terrace to Railway areas General site sediment and erosion control
	1.11	Site planning						Most proposed works require investigation and inputs from Crown Lands, Aboriginal Land Claim and Native Title WWCC to factor

	1.12	Tree Chapel						Accessible connections to pedestrian network and parking WWCC to consider the development of a neutral (Wiradjuri?) title for the facility
	1.13	Site pedestrian entries						New main pedestrian entry adjacent to MacLeay St/ LBPD intersection Remove Mimosa Dr fencing and provide secondary pedestrian connection into Music Bowl zone New entry to service Tree Chapel Ref items 2.2 & 2.3
	1.14	Upper terrace zone						Council to implement ongoing assessment and upgrading of upper terrace gardens including Kunming structures Upgrades to implement stormwater control devices to reduce sediment movement into railway areas
	1.15	Safety risk assessment						Water features & traffic movement etc
	2.1	New main pedestrian concourse	The main concourse must be in place prior to implementing items 2.11, 6.1, 6.2,6.3, 6.5 & 6.8				Items 3.3, 4.1 & Section 10 are all critical processes prior to the implementation of the main concourse. Non dependant sections such as the connection to the Music Bowl carpark may be implemented independently.	Accessible walkway with gradients ranging between 1:20 - 1:33 generally Width of walkway capable of positioning event stalls in central areas - 6m hardstand with an additional 2m of flat soft landscaping for queuing Power outlets for event hosting (some 3 phase) Lighting along main concourse Connecting MOR to Music Bowl Possible staged delivery Built to AS1428 Accessible Path of Travel specifications Ref 1.3 & 1.4
	2.2	New main pedestrian entry						At Corner of Lord Baden Powell Dr and MacLeay St Pedestrian crossing/refuge islands at road crossings Accessible walkway connecting to internal pedestrian network Connecting to WWCC active travel network Include major node signage - identification and wayfinding Design to factor AS1428 Accessible Path of Travel specifications
	2.3	Secondary pedestrian entry points						New formal secondary entry points Located on Mimosa drive and Lord Baden Powell drive Include secondary wayfinding signage Designs to factor AS1428 Accessible Path of Travel specifications
	2.4	Internal secondary pedestrian path connections						Walkway connections between Main Concourse level and upper and lower pedestrian networks - Typically accessible Designs to factor AS1428 Accessible Path of Travel specifications
	2.5	External track connections						Connections between external trail entry points and Botanic Gardens The track network should support additional active recreation activities Connections to/and formalisation of bush walking tracks Connections to Captain Cook Dr and Willans Hill lookouts Connections to WWCC active travel network
	2.6	Accessible pedestrian connection from LBPD to Chapel						An external path connection from proposed LBPD carpark to the Chapel Applying AS1428 accessible path of travel specifications

2. Pedestrian Circulation Proposed Development	2.7	Rotated primary Zoo circulation					The detailed design for the new Zoo pedestrian circulation and modified enclosure footprints should be prepared before any further Zoo development is undertaken - Ref Item 5.10	Re-format the primary Zoo circulation to a north-south orientation All primary circulation paths to adhere to AS1428 path or travel specifications Paths to utilise suitable hard surfaces and drainage treatments Zoo path network to utilise stormwater management and filtration devices New bridge/s as required to maintain accessible paths over valley areas Staged delivery options
	2.8	Pedestrian link to new Music Bowl parking area						Pedestrian connection from proposed new parking to the Main Concourse The path continues to a new secondary entry point on Mimosa Drive Trails connections continue southward to provide a connection to Lake Albert etc
	2.9	Lord Baden Powell Drive pedestrian overpass						A raised pedestrian overpass beginning at approximate level of 236m contour Provides an accessible connection from the Main Concourse to the MOR entry Applies AS1428 path of travel specifications Positioned to enable a suitable vehicle clearance below to Lord Baden Powell traffic
	2.10	Accessible Railway entry						An accessible entry to the Railway main station Applies AS1428 accessible path of travel specifications The project should consider raising the adjacent pedestrian path and connections to suit A cosmetic upgrade of the Railway Station front façade should accompany this project The facade upgrade may provide a new accessible entry point
	2.11	Accessible Café terrace connections					Item 2.1 is a critical precursor to the delivery of this item	Accessible entry points to the Café north and south terrace areas Connecting the Main Concourse to internal café areas Applies AS1428 accessible path of travel specifications
	2.12	Accessible pedestrian loop connections						Looping pedestrian path connections between existing and proposed path levels Path connections to Apply AS1428 accessible path of travel specifications Typically looping north to south and set to gradients below 1 in 20
	2.13	Accessible railway overpass	A code compliant accessible pedestrian connection to the MOR will not be possible without this item or item 2.9				The design should factor the design and alignment of the proposed Main Pedestrian Concourse - Ref Item 2.1	Replace the existing railway overpass structure with an accessible structure compliant with AS1428 The upgraded structure should meet AS1428 path of travel specifications The project should provide a compliant accessible connection to the proposed Main Concourse
	2.14	Power & lighting to main pedestrian concourse					The be executed in conjunction with item 2.1	General lighting to whole of Main Pedestrian Concourse Additional lighting to event areas
	2.15	Accessible seating & shelters						Provide a variety of new accessible seating and shelter options distributed across the pedestrian network and amongst site services
	2.16	Accessible bus stop connection						New accessible pedestrian connection to the upgraded McLeay St bus stop

06 DRAFT MASTERPLAN PROJECTS SCHEDULE

3. Vehicle Access and Circulation	3.1	MOR vehicle and bus loop						Finalise the alignment of a vehicle and bus loop accessing the MOR entry and parking To be completed in conjunction with formalisation of new parking areas (see 4.6) To include a new exit point to Lord Baden Powell Dr To be completed in conjunction with forecourt landscaping design
	3.2	Revised southern exit from new main carpark					To be executed in conjunction with item 2.1	Adjust the exit point to enable preferred Main Concourse alignment Adjust the exit point to enable Café terrace expansion Adjust the exit point to enable an accessible pedestrian transition to café toilets and terraces
	3.3	Tom Wood Drive realignment	This item is critical prior to the delivery of item 2.1, sections 6 & 7					Adjust the Tom Wood Dr alignment to enable the preferred Main Concourse alignment The new alignment design is to consider existing tree conditions and preferences
	3.4	Revised Council Depot vehicle entry					Item 3.3 is a critical precursor to the delivery of this item	Modify the northern depot entry alignment to service the revised depot footprint
	3.5	Vehicle connection to Music Bowl parking						Formalise the existing road connection to the southern end of the Music Bowl zone The sub project should consider 24 hour access and lighting The upgraded road should provide access to the new Music Bowl carparking
	3.6	Main vehicle entry investigation					To be executed in conjunction with item 3.3	Conduct a traffic and safety risk assessment of the adjacent main vehicle and pedestrian entries To be completed in conjunction with the design of the new main pedestrian entry
	3.7	Upgraded MacLeay St bus stop						Bus stop to include a hardstand passenger drop off area, signage and road markings Incorporate shelter, seating & bicycle parking Accessible path connection to internal pedestrian network (See 2.14)
	4.1	Re-configured main carpark	This item must be executed prior to the delivery of item 2.1					Adjust the main carpark footprint to enable the preferred Main Concourse alignment The revised setout should consider preferred existing trees The new carpark should provide shared zones and surface treatments The design should maintain preferred Railway vehicle and pedestrian access The project should incorporate accessible parking spaces
	4.2	Consolidated parking to Adventure Playground and Depot zones						The project assumes an eventual demolition of Mary Kidson Hall with eventual replacement facility to be provided within the new Hub zone The project should consider a rationalisation of the 2 existing parking areas The project should incorporate suitable surface treatments and accessible parking spaces

06 DRAFT MASTERPLAN PROJECTS SCHEDULE

4. Parking	4.3	New parking to Tom Wood Drive	This item must be executed in conjunction with item 3.3					Provide new parking zones to the western verge zone between MacLeay St & Tom Wood Dr The design should retain preferred existing trees The new zones should incorporate bus parking The new zones should provide shared pedestrian zones and surface treatments The new zones should incorporate accessible parking spaces
	4.4	New parking and access to the Music Bowl area						To be completed in conjunction with formalisation of the access road (see 3.5) The zone should incorporate accessible parking spaces
	4.5	New parking to Lord Baden Powel Dr						Provide a new carparking zone to service the Tree Chapel The project should incorporate accessible parking spaces The project should incorporate an accessible pedestrian connection to the Chapel (see 2.6)
	4.6	New parking and access to MOR						To be completed in conjunction with formalisation of the vehicle loop (see 3.1) The design is to consider landscape design of the MOR forecourt The project should incorporate accessible parking spaces
	4.7	Accessible parking						Accessible parking options at all parking zones Consider provisions beyond the minimum Australian Standard requirements
5. Zoo	5.1	New main Zoo entry					Item 2.1 is a critical precursor to the delivery of this item	A new entry point and pathway connecting to the new Main Concourse May incorporate interpretive signage display Providing an AS1428 compliant accessible path of travel from the concourse to all Zoo enclosures The project provides opportunities to deliver an active frontage to the Main Concourse with potential educational services
	5.2	Re-configured primary circulation					Item 5.10 is a critical precursor to the delivery of this item	To provide an accessible path of travel to all Zoo enclosures Typically designed as a walkway at gradients less than 1 in 20 Hard surface treatments to meet AS1428 path of travel specifications Possible staged delivery (Ref Item 5.4)
	5.3	Upgraded secondary circulation					Item 5.10 is a critical precursor to the delivery of this item	Secondary circulation typically running east-west, or uphill and downhill Utilising stairs in some areas as required Applying stormwater protection measures as required Possible staged delivery
	5.4	Re-configured enclosure footprints					Item 5.10 is a critical precursor to the delivery of this item	Modified Zoo enclosure footprints as required to enable updated primary circulation The design should factor measures such as retaining walls and filtration devices (ponds/planting) to reduce stormwater erosion and downstream pollution Possible staged delivery
	5.5	New bridge					Item 5.10 is a critical precursor to the delivery of this item	A new pedestrian bridge/s to maintain the accessible path of travel over the gully areas

	5.6	Upgraded drainage & stormwater management					Item 5.10 is a critical precursor to the delivery of this item	Updated surface treatments to withstand and direct storm water flows New drainage structures to filter and control storm water run off New hardened surface treatments to reduce sediment run off Surface treatments and mechanisms to reduce sediment flows into the Rainforest Possible staged delivery
	5.7	Breakout spaces					Item 5.10 is a critical precursor to the delivery of this item	Integrate features for parents to sit or rest while supervising children accessing Zoo enclosures Some shelter elements to be considered Incorporating landscape furniture elements Some elements located on primary circulation 'U' turns Possible staged delivery
	5.8	Hub activation						To provide an active frontage to the Main Concourse with possible educational inclusions Ref 5.1
	5.9	New service building						In Depot interface - Ref WWCC
	5.10	Detailed design	This item must be executed prior to the delivery of section 5					Detailed design including: New Council depot building/s to service the Zoo operations Final Zoo pedestrian circulation Final Zoo enclosures footprints Stormwater management
6. Café	6.1	New north terrace pedestrian connection						Accessible connection from Main Concourse to north terrace Designed as a walkway Gradient to be less than 1:20 Hard surface treatments to meet AS1428 specifications
	6.2	Expanded and upgraded north terrace						Enhanced function centre outdoor space Prioritising views over western gardens Accessible pedestrian entry
	6.3	Expanded and upgraded south terrace						Increased café outdoor seating capacity options Providing a variety of seating and shelter options Direct access to toilets (accessible) Expansion of enclosed café dining area
	6.4	Upgraded connection between café terrace and toilets						Direct pedestrian connection outside of playground footprint and fencing Revised perimeter fencing Stormwater management
	6.5	Accessible south terrace pedestrian connection					Item 2.1 is a critical precursor to the delivery of this item	Accessible connection from Main Concourse to south terrace Designed as a walkway Gradient to be less than 1:20 Hard surface treatments to meet AS1428 specifications
	6.6	New pedestrian connections to upper terrace						Direct pedestrian connection outside of the playground footprint and fencing Revised playground perimeter fencing
	6.7	Playground upgrades and theming						Sheltered seating for parents facilitating child supervision Themed around Zoo themes and/or Wiradjuri language & culture themes Updated fencing alignments and gate locations (Ref 13.1 - 13.6, 6.4 & 6.6)
	6.8	Concourse address					Item 2.1 is a critical precursor to the delivery of this item	Function area and expanded terraces to activate and address the Main Concourse

06 DRAFT MASTERPLAN PROJECTS SCHEDULE

7. Hub and Rainforest	7.1	Expanded and upgraded Rainforest Zone					Items 3.3 & Section 10 are critical precursors to the delivery of this item	Increased Rainforest zone footprint expanding to north and south areas Additional plantings to expand the Rainforest dense tree canopy area Provide additional breakout points, lookouts and seating within the Rainforest area Enhanced signage and interpretation Ref Item 1.10
	7.2	Upgraded Rainforest circulation					Items 7.1 is a critical precursor to the delivery of this item	Upgraded pedestrian circulation network to provide safe and accessible options New pedestrian elements to access the expanded Rainforest footprint
	7.3	New and upgraded Rainforest water features					Items 7.1 is a critical precursor to the delivery of this item	Waterfall feature/s Mist garden feature/s Pond feature/s Creek feature/s
	7.4	Re-located Waterwise Garden	This item must be executed prior to the delivery of section 7					Relocate the waterwise Garden to the Hub zone to serve as an educational element Enhanced signage and interpretation Possible interaction with Greenhouse activities and retail
	7.5	Public and Council Greenhouse					Item 2.1 is a critical precursor to the delivery of this item	Develop a new Greenhouse facility that addresses and activates the Main Concourse To be a publicly accessible facility To provide an educational site service with possible presentations and workshops Possible partnerships with volunteer organisations and resources To continue Council Depot Greenhouse services Options for retail
	7.6	Botanic Gardens Hub Centre					Item 2.1 is a critical precursor to the delivery of this item	Multi-purpose facility that addresses and activates the Main Concourse Eventual replacement of the Mary Kidson Hall site service May incorporate several multi-purpose hall/event/conference spaces To incorporate a Changing Places (high support) accessible facility To incorporate general and accessible toilet facilities To incorporate a Volunteer Common Space to facilitate the engagement between WWCC and a volunteer network Consider information, gallery, retail, program space etc services Possible relocation of Toy Library

	7.7	Partnerships						Potential formalised partnerships between WWCC Botanic Gardens Management and: -Murrumbidgee Field Naturalists -Friends of the Garden -Miniature Railway -U3A -Other volunteer networks & clubs To facilitate cooperative relationships and resourcing for operational activities across the Botanic Gardens precinct. Activities may contribute to: -Botanics and curation -Site maintenance -Railway operations and events -Site education and interpretation -Museum operations and events
	7.8	Education						Incorporation of new educational themes and services including: -Wiradjuri culture, language and art -Botanic themes and education -Waterwise Garden education (and possible retail) -Greenhouse education and programs (and possible retail) -Exhibition -Presentation/conferencing etc
8. Museum of Riverina	8.1	Optional pedestrian overpass						Future aspirational option to continue the accessible Main Concourse to the MOR entry - Ref Item 2.9` To serve as a continuous accessible path of travel walkway Design & gradient to meet AS1428 walkway specifications Crosses Lord Baden Powell Drive as an overpass
	8.2	New parking						Formalised parking around vehicle loop
	8.3	Vehicle loop						Formalised vehicle loop
	8.4	Forecourt landscape	Item 8.1 should be factored prior to the confirmation of this item					Landscaping to incorporate future MOR design brief Breakout and BBQ options Gardens - continue the endemic species theme Drinking water stations Pedestrian connections
	8.5	Forecourt interpretive signage						As required to service items 8.4 & 8.6
	8.6	Forecourt interpretive display						Static display of object/s provided, prepared and installed by others
ve Garden	9.1	First Nations Area						Create a designated First Nations area within the Native Garden Zone To incorporate: -Cultural interpretation -Bush tucker -Artworks -Yarning circle etc

9. Nati	9.2	Bookable function space						Create a formal event/function facility in the Native garden zone
	9.3	Additional shelter and breakout facilities						Additional smaller shelter, breakout and BBQ facilities - Ref Item 2.15
	9.4	New main pedestrian site entry						New entry from the corner of MacLeay St and Lord Baden Powell Dr - Ref Item 2.2
10. Council Depot	10.1	Revise footprint and remove existing structures	This item must be executed prior to the delivery of items 2.1, 3.3 & 7.1					The revised depot footprint should factor the preferred Main Concourse and Hub footprints Demolish and remove structures located on proposed concourse alignment and western public zone areas
	10.2	Upgraded vehicle entry points					This item should be delivered in conjunction with item 10.1	Upgraded vehicle access alignments incorporating shared pedestrian interface zones
	10.3	New Zoo connection and service structures						As required by WWCC
	10.4	Demolish existing club sheds						Demolish and remove the existing pidgeon and woodworking club sheds Mary Kidson Hall to serve as a temporary club space
	10.5	Depot perimeter & controls						Depot fencing, perimeter landscaping and access controls
11. Railway	11.1	New pedestrian overpass	Ref item 2.13					Upgrade, or replace the existing pedestrian overpass with an AS1428 compliant structure May be developed as an accessible ramp to AS1428 specifications The design should incorporate an accessible connection to the Main Concourse The design should incorporate an accessible connection to the Main Carpark The design should incorporate an accessible connection to the Railway entry The final structure should comply with AS1428 path of travel specifications
	11.2	Upgraded pedestrian entry						The Station pedestrian entry should be upgraded to an AS1428 compliant path of travel The design should factor raising the adjacent pedestrian path in front of the entry The design should factor possible modifications to the Station building (see 11.3)
	11.3	Upgraded station building						The station building façade should be upgraded to provide an active frontage The upgraded façade should make a positive contribution to the external public realm The design should factor/combine possible modifications to the Station entry (see 11.2) The design should factor the Station as a public attraction in its own right, facilitating educational, viewing and spectating experiences
	11.4	Upgraded site drainage						New and upgraded stormwater drainage structures to control flows into/through Railway
	11.5	Integration with Council digital platform						For bookings etc Ref Item 1.9

	11.6	Engagement with site Hub and volunteer strategy						Ref items 7.7 and 7.8 Options to replace existing internal 'clubhouse' structure with a combined Hub service facility
12. Music Bowl	12.1	Upgraded access road and parking						Permanent access road connecting to the new southern parking zone
	12.2	Remove Mimosa Drive fencing						Remove existing fencing to Mimosa Drive Increase visual connection between Mimosa Drive and Music Bowl Apply appropriate landscaping treatments to the interface zone as required Increase public surveillance to Music Bowl zone
	12.3	Direct access to the new main pedestrian concourse					Item 10.1 should be completed prior to the delivery of this item	Including lighting & security services The Main Concourse continues to the new Music Bowl carparking area The continuation should maintain an AS1428 compliant accessible path of travel The design should factor a reduction in the width of the concourse path south of the Hub zone
	12.4	Active recreation opportunities						Potential activities and pop up businesses including: -Junior/school mountain biking -Bush walking & trail running -Street/teen sports - pump track, skate ramps, b-ball -Gravity attraction/s - bobsled -Gravity - Mountain Biking -Gravity - Zip line -Frisbee golf -Fitness & exercise stations, including all abilities options -Teenage engagement - Targeted site services and activities
	12.5	Pedestrian entry and connection to Mimosa Drive						Formalised southern pedestrian entry and node signage
	12.6	Trails connections to the broader precinct and city						To Lake Albert, lookouts, Wiradjuri Trail, other trails networks, other city features etc
	12.7	Rear connection to Council Deport						Formalise vehicle connection between Council Depot and southern materials storage area Safety Risk Assessment
	12.8	Off lead dog park						Formalise off lead dog park activities and boundaries Apply suitable controls and servicing - eg waste bins
	12.9	Private business activation						Pop up business activation, events & services - wellness, health, recreation etc - Ref Item 12.4 Strengthen the Cafe & exercise activities connection
	13.1	Kidsville Playground						The playground footprint and perimeter fencing should be reconfigured to accommodate preferred pedestrian circulation (Ref 2.11, 2.12, 6.4 & 6.6) Council to implement a program of gradual upgrade and replacement of playground equipment Upgrades to consider specific theming around Zoo (or other dinosaur/Wiradjuri etc) identities

13. Playgrounds and Amenities	13.2	Adventure Playground						Fencing and footprint to factor upgraded zone parking layout Council to implement a program of gradual upgrade and replacement of playground equipment
	13.3	Toddler Playground						Revised perimeter fencing to compliment eventual demolition of Mary Kidson Hall Council to implement a program of gradual upgrade and replacement of playground equipment
	13.4	Nature Playground						No works proposed
	13.5	Other playgrounds						Consideration of teenage (active) recreation facility in Music Bowl zone Possible incorporation of adventure course, and/or rock climbing type inclusions
	13.6	Existing amenities						Existing toilet blocks are currently serviceable, but approaching end of life Existing toilet block locations are all relevant to the proposed masterplan direction Council to implement a program of gradual upgrade and replacement of all toilet blocks Upgrade processes to implement CPTED analysis and contemporary layout strategies for public surveillance and parental supervision The Café toilet block footprint should be re-configured to allow pedestrian access directly from the north as well as the Cafe and Kidsville playground. All toilet blocks to incorporate compliant Access, Ambulant and Change facilities
	13.7	New amenities						A new public toilet block should be incorporated into the proposed new Hub Facility - Ref Section 7 The design processes should implement CPTED analysis and contemporary strategies for public surveillance and parental supervision A Changing Places (high support) facility should be incorporated into the new Hub facility The Hub Centre should incorporate designated amenities for the Volunteer Network.

NEXT STEPS

Review of Draft Masterplan by Council and Councillors

Cost Plan

Public Exhibition

Final review and edits

Final Masterplan handover



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