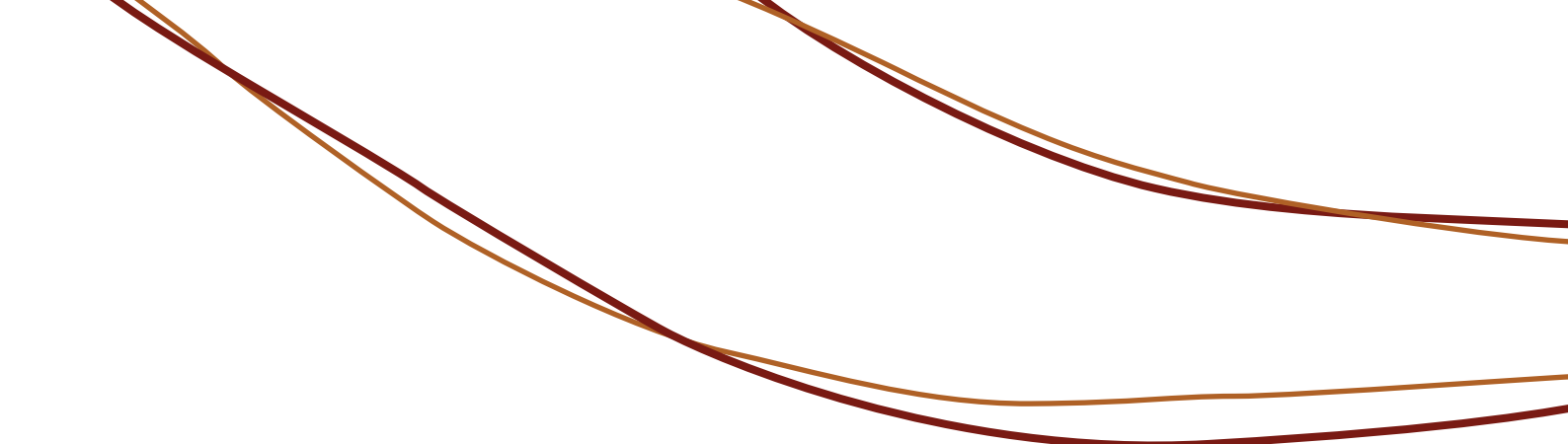


Public Open Space Strategy 2018



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1.0 Introduction

The City of Kalamunda (the City) recognises that there are significant social, health, environmental and economic benefits in providing appropriately located, functional and attractive Public Open Space (POS) to the community. These spaces are pivotal in influencing suburbs to become communities by implementing positive lifestyle and recreation opportunities, venues, events and programs and active sporting pursuits. The City has developed this Public Open Space Strategy (the Strategy) to ensure the future protection, provision and management of valuable POS sites to meet the ongoing needs of the community. The Strategy, through its framework of recommendations and guidelines, is a crucial tool to manage and inform planning for POS at a strategic and statutory planning level. The implementation of the Strategy's recommendations will improve POS provision for the existing and future communities in the City.

1.1 PURPOSE

The Strategy aims to ensure that POS is delivered to optimise community benefit by providing direction to guide the future provision, enhancement and management of POS.

The Strategy will ensure that POS is utilised to its maximum potential to deliver maximum benefit to the community.

The Strategy will provide a local interpretation of the Western Australian Planning Commission (WAPC) Liveable Neighbourhoods policy by generating a sense of community and strong local identity, and providing an integrated approach to the design and provision of POS. The Strategy will guide

Council, its officers and applicants when considering the planning for POS in future and existing development areas through statutory and strategic planning processes.

1.2 GOAL

This Strategy builds on the priorities of the City's Strategic Community Plan by providing people with a healthy environment for social and cultural enjoyment. The Strategy has the following overarching goal:

The City of Kalamunda will provide leadership in ensuring a network of fit for purpose public open space that protects our natural resources and meets the recreational, social and cultural needs of the community.

1.3 OBJECTIVES

The primary objectives of the Strategy are to:

- To provide a resource that assists the City in decision making at all stages of the strategic and statutory planning process.
- Protect environmentally significant areas from encroaching development.
 - Optimise the use of the City's resources to achieve effective and efficient POS outcomes, by prioritising the delivery of high quality POS over quantity.
 - Ensure POS is safe for all members of the community.
 - Provide high levels of access both within and to POS.
 - Provide the community with health, recreational, organised sport and social opportunities.



1.4 CLASSIFICATION OF PUBLIC OPEN SPACE

POS comprises Crown land zoned as Local Open Space by the Local Planning Scheme and used or intended for public use, access or ecological value. POS may be utilised for the purpose of recreation, sporting facilities, community development, leisure functions, social gatherings, events, tourism, conservation and public amenity. POS is important for various reasons including; environment protection, mitigation of the urban heat island effect, public health, heritage value, influencing crime reduction and creating an attractive community with opportunities for social gathering and interaction to develop an identifiable sense of place. A variety of POS should be provided to meet the diverse requirements of the community. POS can be divided into the following classifications as per the Department of Sport and Recreation (DSR) Classification Framework for Public Open Space (2012):

Local Open Space (LOS)	Small parks that service the recreation needs of the immediate residential population. Typically less than 1ha.
Neighbourhood Open Space (NOS)	Serves as the recreational and social focus of a community. Residents are attracted by the variety of features and facilities and opportunities to socialise. Typically 1-5ha.
District Open Space (DOS)	Principally designed to provide for organised formal sport. DOS will very likely include substantial recreation space and some nature space. Typically 5-15+ha.
Regional Open Space (ROS)	May accommodate important recreation and organised sport spaces as well as significant conservation and/or environmental features. These reserves are generally zoned as Parks and Recreation under the Metropolitan Region Scheme (MRS). The size of these areas vary and are dependent on function. When sporting space is identified as a necessary regional function, allocations for playing fields and sports facilities are generally 20+ha in area. The City comprises Korung and Kalamunda National Park, extensive areas of State Forest (Numbers 7, 22 and 54), Mundy Regional Park and Bush Forever sites identified by the MRS which are not directly impacted by this Strategy. The City also comprises Maida Vale Recreation Reserve, Ray Owen Reserve and Hartfield Park which serve multiple functions and have been included as part of this Strategy. Pioneer Park was previously multi-functional and now has limited use and access, requiring investigation into its future. ROS is not included within local POS calculations.
Biodiversity Asset *Not part of DSR Guidelines	Local reserves zoned as Local Open Space under Local Planning Scheme No. 3 (LPS3) that have been identified by the Strategy for environmental protection purposes. Reserves serve primarily a nature space purpose.

POS function can be identified by the three primary types of open space as per DSR Classification Framework for Public Open Space (2012):

Recreation Spaces	Recreation spaces provide a setting for informal play and physical activity, relaxation and social interaction.
Sport Spaces	Sport spaces provide a setting for formal structured sporting activities.
Nature Spaces	Nature spaces provide a setting where people can enjoy nearby nature and protect local biodiversity and natural area values.

Refer to Appendix 1 – Glossary for more detailed definitions of the functions as per DSR Classification Framework for Public Open Space (2012).

1.5 VALUE OF PUBLIC OPEN SPACE

POS provides a combination of social, economic and environmental benefits to a local community. POS is a vital element in creating positive lifestyle opportunities and connected communities. The primary role of POS is to support health, recreation, leisure and environmental functions.

These functions include providing pedestrian links to schools, shops and public transport, in addition to sport, recreation and nature based uses. Sport uses encompass any form of organised sport whilst recreation uses comprise of various forms of casual exercise such as running and walking, children's play and social activities.

Nature uses may include areas set aside for conservation or reserves with natural vegetation that provide a setting to enjoy the amenity that nature provides. POS has the ability to generate a sense of place and adds character to a neighbourhood or locality. POS serves a vital role for environmental protection, through habitat and biodiversity conservation, and air and water quality management. It also allows people who live in highly urbanised environments to have a connection with nature and its high value for natural beauty, contribution to

community identity, cultural heritage value, tourism potential and ecological importance.

1.6 USE OF THE STRATEGY

The Strategy establishes strategic guidance for POS within the City which will provide an integral reference document for the City; particularly those involved in development services, asset services and community services. The Strategy will assist agencies, community groups, clubs, developers and individual residents to understand the City's direction in regards to strategic open space planning, development and management.

1.6.1 POS CONTRIBUTIONS AND CASH IN LIEU THROUGH SUBDIVISION

The WAPC has adopted a longstanding requirement that 10 per cent of the gross subdivisible area be given up free of cost in a subdivision and vested in the Crown for the purposes of POS. This 10 per cent requirement is derived from the recommendations contained in the 1955 Stephenson-Hepburn Plan, and continues to form part of the WAPC's policy framework through Liveable Neighbourhoods.

Under the WAPC's Development Control Policy 2.3 – Public Open Space in Residential Areas, and

Liveable Neighbourhoods, the standard 10% POS contribution is, in practice, not normally required by the WAPC for a subdivision of five (5) lots or less, where:

- The applicant demonstrates to the satisfaction of the WAPC that land had already been given up for open space in an earlier subdivision; or
- The proposal is within a locality where the WAPC, on the advice on the local government, following an assessment of the locality, has concluded that there is sufficient open space in that locality.

Under the provisions of Section 153 of the Planning and Development Act 2005 payment can be made by a subdivider in lieu of all or part of a POS contribution, referred to commonly as 'cash-in-lieu' of POS. Cash in lieu may be appropriate for small subdivisions, where the resultant POS would be too small, unusable or irregular in shape, or where sufficient POS is already available or previously provided in the locality. Section 153 limits the imposition of the requirement for cash in lieu for a subdivision that creates less than three (3) lots.

This Strategy provides an assessment of the area, distribution, classification, functions, level of infrastructure and maintenance standard, functionality, usability, environmental value and

accessibility of POS in the City which will assist in determining the appropriate POS and cash-in-lieu contribution through the subdivision process.

1.6.2 POTENTIAL TRANSFER OF POS

One of the roles of this Strategy is to act as a guide to inform the potential transfer of POS into freehold land owned by the City, which follows the following general process.

Local Government may, with the prior approval of the Minister for Lands and Department of Planning, transfer identified reserves into freehold land owned by the City and apply the proceeds from development or other activities to capital improvements to recreation reserves in the general locality.

Considerations / Requirements:

The City needs to ensure the following with regard to the proposed potential transfer of the reserves.

1. The potential transfer does not reduce the overall allocation of POS for the locality below 10% (With regional context taken into consideration).

2. Clear benefit to the community, outside of any direct financial contribution, is to be established before a proposal seeking the sale of a portion of a reserve is advertised for public comment. Community consultation is required.
3. Maintenance of a reserve is not a relevant matter in assessing whether the proposed excision would have a clear benefit to the community.
4. If such a proposal does not provide a clear benefit to the community and/ or does not promote sustainability objectives the request should not proceed.
5. Subject to Council endorsement of the project through resolution, if the proposed excision portion of the public open space reserve provides a benefit for the community and promotes sustainability objectives, the disposal will be advertised for a minimum period of 30 days as follows:

- A sign is to be erected on the site.
 - A notice is to be placed in a local newspaper.
 - Letters are to be sent to nearby landowners.
 - Liaison is to occur with identified local community and interest groups.
 - Referral is to be made to the Department of Land Information, Department of Planning and other relevant servicing authorities for comment.
 - A notice is to be placed on the City's notice boards and the City's website.
6. Apply the proceeds to capital improvements to other recreation reserves in the general locality.

Any proposed transfer is required to be supported by an Environmental Assessment Report (EAR). The EAR may be required to include Flora and Fauna Surveys and consider any applicable environmental considerations such as connectivity to the surrounding environment, wildlife corridors and refuges.



1.7 TARGETED STAKEHOLDER CONSULTATION

The City manages POS on behalf of the community and therefore is committed to engaging with the public through all stages of the Strategy through comprehensive consultation. Further to this, the City will promote the community’s right to access quality POS through consultation with relevant stakeholders.

Recreation Bodies	Department of Local Government, Sport and Cultural Industries (DLGSC)
Planning Bodies	Department of Planning, Lands and Heritage (DPLH)
Environmental Bodies	Department of Biodiversity, Conservation and Attractions (DBCA) Office of Environment Protection Authority (OEPA) Department of Water and Environmental Regulation (DWER)
Community	Members of the public Clubs Local Community Organisations Schools

1.7.1 CONSULTATION PROCESS

The following table outlines the consultation process that was followed during the preparation of this Strategy:

1.	Prepare Draft POS Strategy
2.	Consultation with the City’s internal business units: <ul style="list-style-type: none"> • Parks and Environment • Assets • Community Development • Approval Services • Environmental Health • Economic, Land and Property Services
3.	Findings and Outcomes Report
4.	Prepare Final Draft POS Strategy
5.	Present Final Draft POS Strategy to Council for Public Advertising
6.	Community Consultation with public and clubs/organisations <ul style="list-style-type: none"> • Workshops • Website/Online Survey • Information Sessions
7.	Findings and Outcomes Report
8.	Final Draft POS Strategy modified to address submissions received
9.	Present to Council for final adoption

See Appendix 13 for Consultation Protocol relating to the potential transfers of POS sites.

2.0 Demographic Analysis

The City has a range of residential developments ranging from established communities, suburbs that are undergoing urban renewal, rural areas and greenfield growth areas. The lot configuration and size of housing stock can be a key contributing factor to defining the demographics of a suburb. As a result, the demographic profile can be utilised to assess the demand and future planning direction for POS.

It is important that the demographic of the City's suburbs are factored into the planning of POS so that the City can plan for the existing and future community. Different age groups utilise the various forms of POS in different ways depending on needs. Infill growth will utilise existing POS whilst also providing cash-in-lieu opportunities. Greenfield growth will need to provide its own 10% POS allocation in addition to utilising existing POS.

Demographic data within the Strategy has been obtained from Forecast. id (2017).

2.1 POPULATION

Forrestfield and High Wycombe currently provide the highest forecast population in addition to the highest residential densities, demonstrating a high demand for POS. Most of the City's population growth is expected to take place in the Foothills, whereas the Hills will see steady growth in the foreseeable future. The Foothills will account for 85% of the City's increased population over the next 18 years.

Over the next 18 years the areas with the greatest population increases will be Forrestfield and Maida Vale, whilst the Forrestfield North District Structure Plan Area will increase significantly from a small rural living based population to an urbanised district locality. Forrestfield North will account for 48% of the Foothills increased population and Forrestfield will account for 26% of the Foothills increased population.

These areas over the next 18 years will have the greatest demand for future POS.

Not included in future population projections is Wattle Grove South and Maida Vale South, which have been identified for future urban development. Both areas would be expected to have similar growth as that of Forrestfield North, transforming from a rural area to a highly urbanised locality.

All localities are predicted to rise in population by over 10% over the next 18 years except for Wattle Grove 9.77%, Gooseberry Hill at 2.41% and Lesmurdie at 0.22%. It should be noted that the majority of Forrestfield North resides in High Wycombe, which has been assessed independently and impacts upon High Wycombe's demographic information. Forrestfield North will be required to establish new POS for the future development of the area. Lesmurdie and Gooseberry

Hill have very low predicted population growth and therefore may not demand the same level of additional POS as other localities based on population.

The Foothills localities have greater population densities and will continue to become denser, meaning smaller properties with less private open space and therefore requiring a greater demand for POS for residents.

Kalamunda town centre is also expected to consolidate which may see greater demand for POS or greater utilisation of the current open space provided such as Stirk Park and Kostera Oval. It is noted Master Planning has either recently been implemented or is in the process of development for these sites. Kalamunda accounts for 64% of the Hills increased population.

Refer to Appendix 2 for detailed table.

SUMMARY OF KEY POPULATION FINDINGS:

- The Foothills will account for the majority of the City’s population growth.
- Forrestfield North, Forrestfield and Maida Vale will account for the highest population growth.
- Kalamunda will experience the highest population growth in the hills.
- Forrestfield North, Maida Vale South and Wattle Grove South areas will grow from a small population into large district localities with POS provided in accordance with Liveable Neighbourhoods (i.e. 10% of the development area) and in response to existing site specific environmental constraints.
- Gooseberry Hill and Lesmurdie will experience limited population growth.

2.2 DWELLINGS

The forecast change in dwellings reflects that of the population change.

The Foothills will experience the largest amount of new dwellings, as a result of new developments and urban renewal.

In the Hills, Kalamunda will experience significant growth as a result of urban renewal mostly in close proximity to

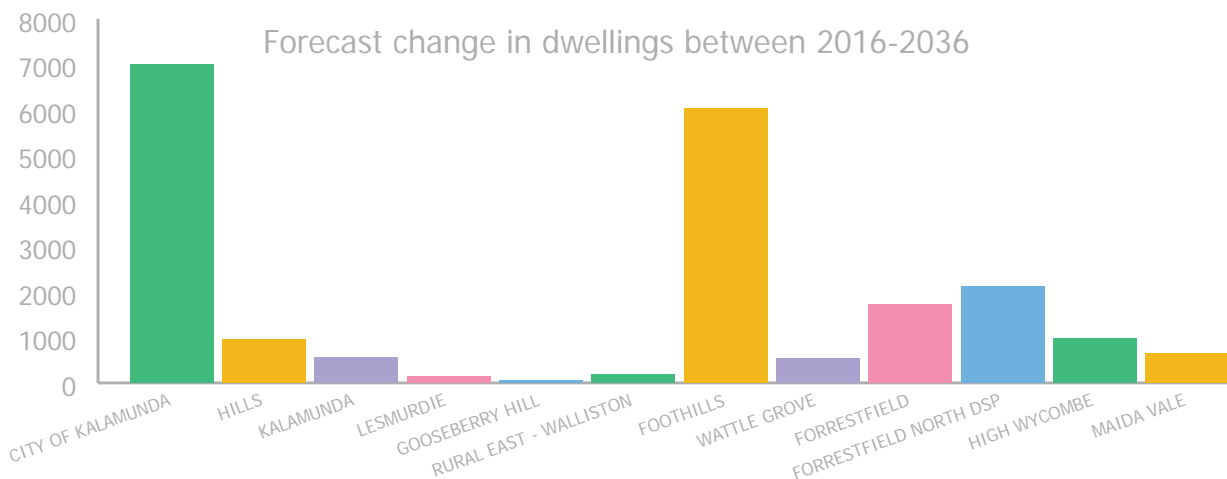
the town centre.

The remainder of the Hills will experience limited growth mostly due to development constraints such as retaining environmental areas, building constraints due to the nature of the undulating rocky landscape, bushfire risk and maintaining the character and amenity of the area.

The new development areas of the Foothills will require the provision of new open

space in accordance with the policy framework of the WAPC, whilst those areas experiencing urban consolidation will require a review of the current open space and its effectiveness and whether upgrades are required or new open space areas need to be investigated and acquired through the use of cash-in-lieu and other funding mechanisms.

Refer to Appendix 3 for a detailed table.



SUMMARY OF KEY DWELLING FINDINGS:

- The Foothills will experience the largest development of new dwellings.
- Growth in the Foothills will be a combination of greenfield growth and urban infill.
- The Hills growth will be mostly contributed from urban infill.
- Growth in the Hills is constrained by environmental areas, the landscape, bushfire risk and maintaining the area’s character.
- Urban infill will see more lots with smaller backyards, increasing the importance of quality POS.

2.3 AGE DEMOGRAPHICS

The forecast age structure in the City between 2016 and 2036 is expected to see significant population increases in young families (ages 0-14 and 30-49) and the elderly (65+). Teenagers and young adults (15-29), and 'empty nesters' (50-64) will have a smaller rise in population.

The Foothills and Hills differ in their forecasted age structure. The Hills are predicted to have their greatest rise in young families and the elderly. Whereas the Foothills will have a greater rise in

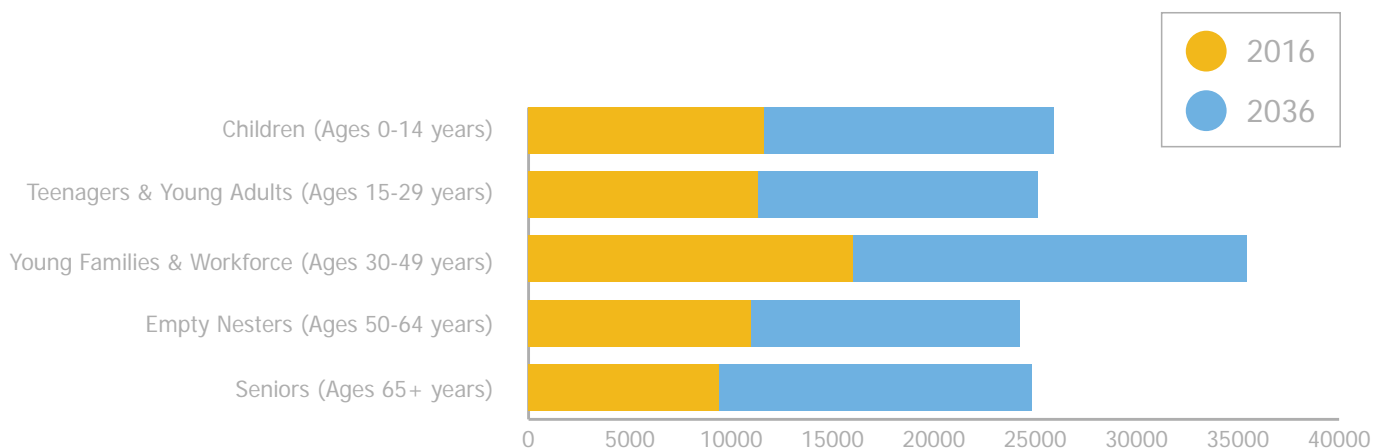
older family groups (5-24 and 35-54) and the elderly.

The Forrestfield North DSP area is predicted to have its greatest increase from young adults (20-39). However young families and empty nesters will also be well established in the area.

Different age groups generally have different requirements for the POS they utilise. Children, teenagers and young adults require the provision of DOS to provide sport and recreation space due to their higher involvement in organised sport and active recreation. DOS provides an important

hub for activity, community identity and local pride. Furthermore it provides a venue for children to learn and participate in outdoor activity and exercise (Middle, Tye, Costello, & Hedgcock, 2012). The older age brackets utilise recreation and nature space to a greater extent; for walking, leisure and their greater appreciation for attractive spaces. Suburbs expecting urban renewal with high population increases and a diverse demographic in the area will require multi-functional, accessible open spaces to meet the diverse needs of the community (City of Charles Sturt, n.d.).

Forecast change in age demographics between 2016-2036



SUMMARY OF KEY FINDINGS FOR AGE DEMOGRAPHICS:

- Young families and the elderly will account for significant amount of the population increase.
- Teenagers, young adults and empty nesters will have limited rise in population.
- The Hills will have the greatest population rise from young families and the elderly.
- The Foothills will have the greatest population rise from established families and the elderly.
- The Forrestfield North DSP area will have the greatest population contribution from young adults.
- Younger age groups tend to require the provision of active open space.
- Older age groups tend to require the provision of more passive open space.

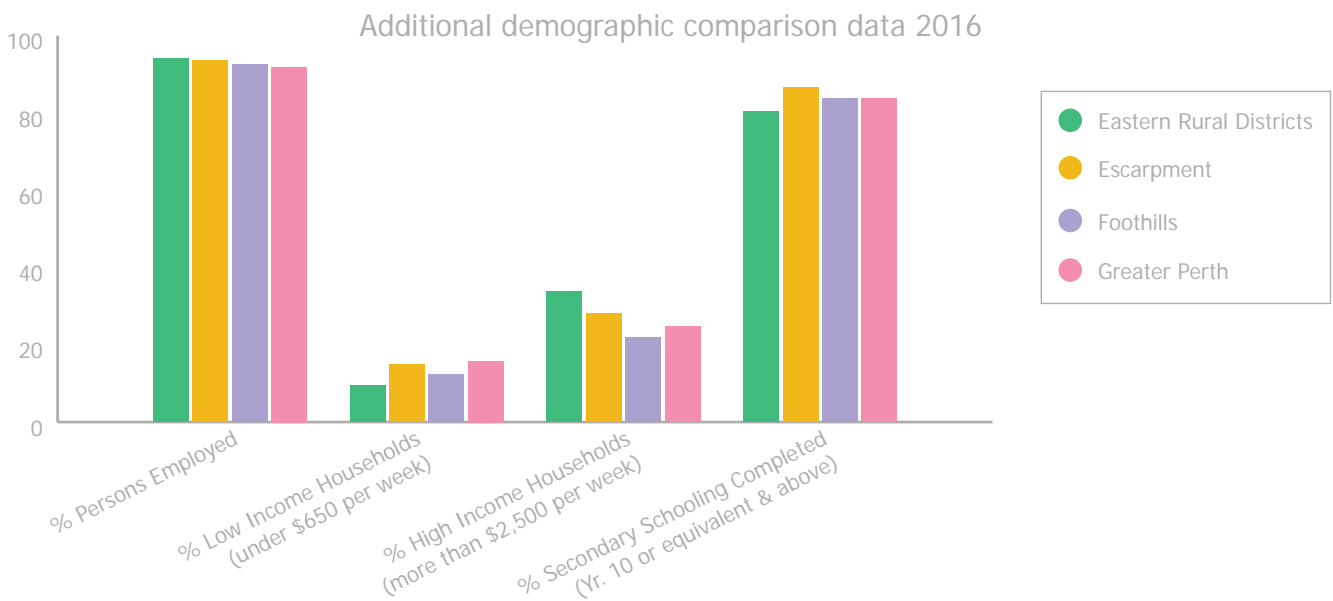
2.4 ADDITIONAL DEMOGRAPHICS

Additional demographic factors that impact participation in recreation and health activities are income, employment and education levels. The Foothills have greater levels of low and moderate income earners, lower levels of education and higher levels of employment

than Greater Perth. Whereas the Hills have greater levels of moderate and high income earners, greater levels of education and greater levels of employment than Greater Perth.

It is important to provide functional and accessible POS for a community that is expected to experience a high level of growth and/

or has lower socio-economic indicators. POS provides access for social interaction, passive recreation and other productive uses. The benefits of POS can be greater with the above indicators as access to such activities and facilities is often not provided in their private space (Cohen, McKenzie, Williamson, Golinelli, 2007).



SUMMARY OF KEY FINDINGS FOR SOCIO-ECONOMIC INDICATORS:

- Income, employment & education levels impact health & recreation participation.
- The Foothills have greater levels of low-moderate income earners, lower levels of education & higher levels of employment.
- The Hills have greater levels of moderate-high income earners, greater levels of education & greater levels of employment.
- Benefits of POS can be greater within areas of high level growth & lower socio-economic indicators.



3.0 Policy Context

The City is guided by State Government strategies, policies and legislation that inform the provision and development of POS. In addition to this the City has a framework of local planning instruments and documents framework.

3.1 STATE PLANNING FRAMEWORK

State Planning Policy documents are critical documents for establishing the parameters for the development of POS. The following are important reference points:

Planning and Development Act 2005	Legislates the requirement for land to be provided free of costs and vested in the Crown for the purposes of POS at the subdivision stage and enables cash in lieu to be provided in circumstances where the area of POS would be too small or inappropriate for practical use.
Directions 2031	Guides the planning framework for accommodating significant urban growth in Perth through to 2031.
Liveable Neighbourhoods Operational Policy	Sets out the planning framework for achieving liveable communities. Of particular relevance is Element 4: Public Parkland which sets out the framework for achieving functional and well provisioned POS. The 10% POS provisions being one of the key components of the policy.
Perth and Peel @ 3.5 Million	Guides the planning framework for accommodating significant urban growth that predicts a Perth and Peel population of 3.5 million by 2050.
North-East Sub-Regional Structure Plan	The guiding planning framework for local government areas in the North-East metro area which includes the City and identified future urban growth areas. The document considers where social infrastructure will be required and the protection of important environmental assets.
Department of Sport & Recreation Public Parkland Planning & Design Guide	Guides the general design of POS.
Development Control Policy 2.3 - Public Open Space in Residential Areas	Sets out the policy framework requirements for public open space within a residential development.
Development Control Policy 5.3 - Use of Land Reserved for Parks and Recreation and Regional Open Space	Sets out the circumstances under which the Western Australian Planning Commission (the Commission) may approve the use and development of land reserved for Parks and Recreation and Regional Open Space for different purposes.
State Planning Policy 3.6 – Development Contributions for Infrastructure	This policy sets out the principles and considerations that apply to development contributions for the provision of infrastructure in new and established development areas.
State Planning Policy 2.8 – Bushland Policy for the Perth Metropolitan Region	This policy is to provide a policy and implementation framework that will ensure bushland protection and management issues in the Perth Metropolitan Region are appropriately addressed and integrated with broader land use planning and decision making. This will secure long-term protection of biodiversity and associated environmental values.

3.2 CITY OF KALAMUNDA POLICY FRAMEWORK

Listed below are the key local planning documents the City utilises in the development of POS:

Local Planning Scheme No.3 (LPS3)	Sets out the planning framework and requirements for land use planning within the City. Identifies local reserves and ensures appropriate land uses in proximity of POS.
Local Planning Strategy 2010	Guides the strategic directions for future land use planning within the City. A new Local Planning Strategy is being prepared and is expected to be adopted 2018-19.
Local Planning Policy ENV 4 – Flood and Stream Management	Sets out the framework for permitting and encouraging a coordinated land and water management program so that passages of water are not obstructed and natural public water areas in the City are not destroyed.
Local Planning Strategy 2018	The POS Strategy will be a component of the Local Planning Strategy 2018 which will guide the strategic directions for future land use planning within the City from 2018 and beyond.
Local Biodiversity Strategy 2008	The Biodiversity Strategy strategically plans natural area protection so that biodiversity conservation is incorporated into the City's planning and decision making processes.

4.0 POS Evaluation

To determine the City's POS requirements, the City conducted a detailed evaluation of the current POS provision. The aim of the process was to evaluate each site in relation to the distribution, classification, functions, level of infrastructure and maintenance standard, functionality, usability, environmental value and accessibility. The evaluation was conducted in three stages; Land Identification, POS Audit and POS Assessment.

Stages	Criteria
Identification	Distribution
Audit	Classification
	Functions
Assessment	Location
	Usage Value
	Care and Maintenance
	Environmental Value

4.1 POS Identification

POS provision is calculated as a percentage of Local Open Space zoned land or the land identified for the purpose of public recreation under LSP3 calculated as a percentage of the suburb's gross subdivisible area (calculation area). The calculation area accords with the guidelines of Element 4 of Liveable Neighbourhoods and consists of:

- Land zoned Urban by the Metropolitan Regional Scheme (MRS); and
- Any additional land identified as Residential R5 or above by LPS3.

Land deducted from the calculated area consists of:

- Land not identified as Urban by the MRS (Appendix 1)
- Regional Open Space, Conservation Areas and Bush Forever (Appendix 1)
- Town Centres and Commercial Zoned land
- Regional Roads
- Transmission Corridors
- Drainage Reserves and Water Supply Purposes
- Schools
- Public Purpose Reserves (Appendix 1)
- Any additional land uses not identified as Residential or Local Open Space by the LPS3 (Appendix 1)

Liveable Neighbourhoods requires a minimum statutory contribution of 10 per cent of the gross subdivisible area (calculation area) to be POS. See Appendix 4 for suburb breakdown of POS provided.

Research by Middle, Tye and Middle (2011) recommends 6.5m² of sports playing space per resident to be provided within a suburb or district, or 1.4% subdivisible area for organised sport of new suburbs. Research by Middle (2014) recommends an additional 9.2m² per resident for the 'buffer' which includes car parking areas, spectator areas club rooms and other components which form part of the passive open space area of a sports reserve. The calculation excludes conservation areas, stormwater management and seasonally wet areas. This results in a 1.4:1 ratio of buffer to sports playing space and therefore a recommended allocation of 15.7m² per

resident for sports reserves (playing space plus buffer). Utilising the 1.4:1 ratio, new suburbs would require 3.36% subdivisible area be allocated to sports reserves. See Appendix 5 for a suburb breakdown of sports space provided and future provision required. Note that these are guidelines and not a statutory provision.

4.2 POS Audit

The POS Audit identifies all of the City’s POS reserves and the ROS reserves that serve multiple functions and are managed by the City. These reserves are classified into the following classifications:

- Local Open Space (LOS);
- Neighbourhood Open Space (NOS);
- District Open Space (DOS);
- Regional Open Space (ROS);
- Biodiversity Asset; and
- No Classification (Reserves that serve no function)

In addition to the classification, the reserves are identified by the following functions they serve:

- Recreation Spaces;
- Sport Spaces;
- Nature Spaces; and
- No Function (Reserves that do not provide any of the above functions)

4.3 POS Assessment

An assessment matrix (Appendix 11) was developed to assess each reserve for its level of infrastructure and maintenance standard, functionality, usability, environmental value and accessibility. The matrix is divided into the following categories:

- Location
- Usage Value
- Care and Maintenance
- Environmental Value

Each category has features which a reserve is assessed against allocating scores of 1-5. Each reserve is given an average score which in turn gives it a rating. The reserves deemed as Biodiversity Assets are not assessed against the assessment matrix as the matrix is not applicable and instead those reserves are flagged for future environmental assessment to determine their value.

The rating distribution is given as follows:

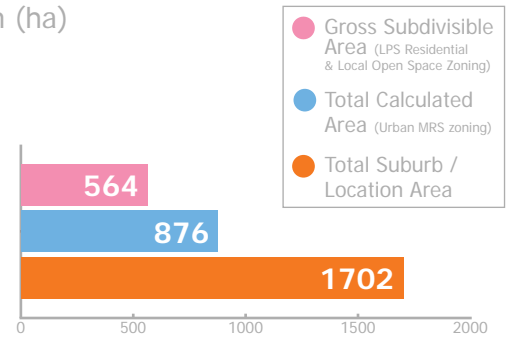
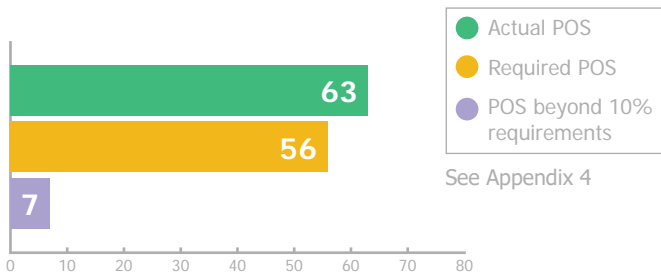
Average Score	Rating
4+	A
3 - <4	B
2 - <3	C
1 - <2	D

Refer to Appendix 10 for full POS Assessments.

4.4 EVALUATION RESULTS

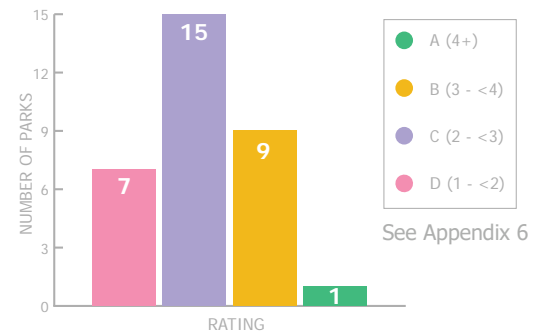
4.4.1 FORRESTFIELD

Public Open Space Allocation (ha)

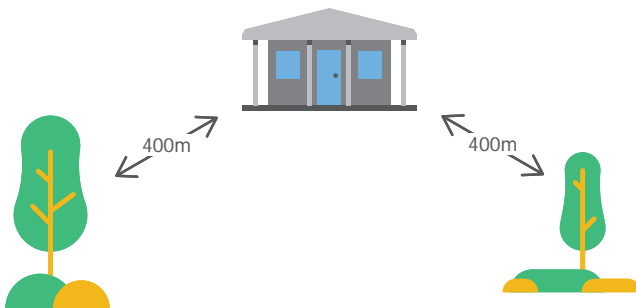


Forrestfield exceeds sports reserve requirements for 2018 (21.37ha) and future predicted 2036 requirements (26.81ha) with 35ha provided, however this area may need to compensate for under supply in adjacent areas (Wattle Grove and High Wycombe).

Public Open Space Assessment Rating

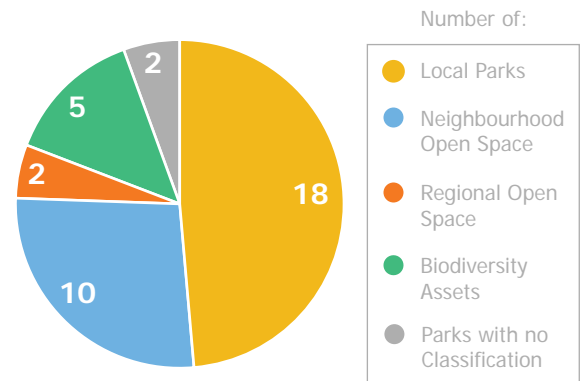


Forrestfield has a good distribution of Public Open Space to serve the community



The entire Forrestfield urban area is within 400m of POS

Public Open Space Classifications



67%

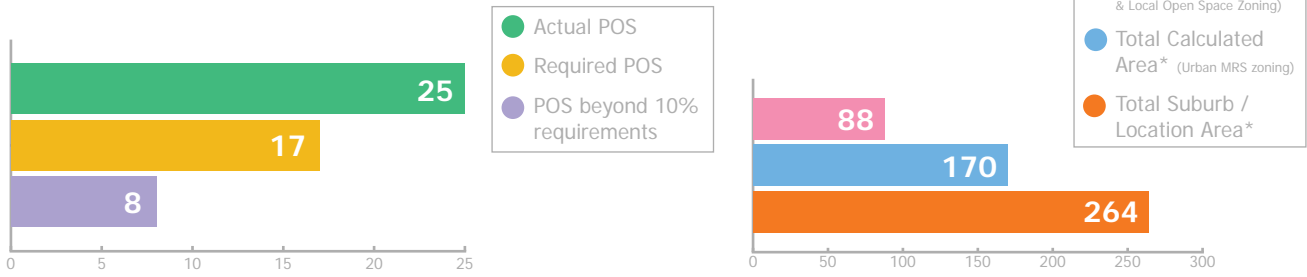
of the POS assessed are either a C or D which will require significant resources to improve the quality of reserves in Forrestfield

Forrestfield has significant amounts of ROS within the urban area and outside the urban environment. These include reserves frequently utilised by the public for outdoor recreation, organised sport and conservation purposes. Reserves include Hartfield Park, Pioneer Park and Mundy Regional Park. It is noted that Pioneer Park previously served an organised sport space function, however that function has ceased and requires significant remediation to become a functioning sports space again. It currently is fenced off and has very limited access and use. Pioneer Park will require further investigation into its potential future use. Pioneer Park is not included as part of POS or sports space calculations.

SUMMARY

4.4.2 FORRESTFIELD NORTH

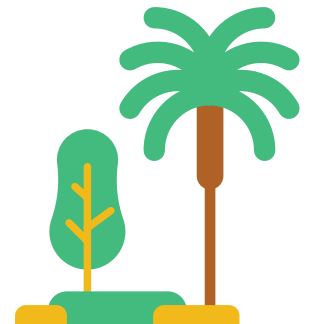
Public Open Space Allocation (ha)



*This area is under a draft Local Structure Plan and subject to change. The name of the location may also be subject to change.

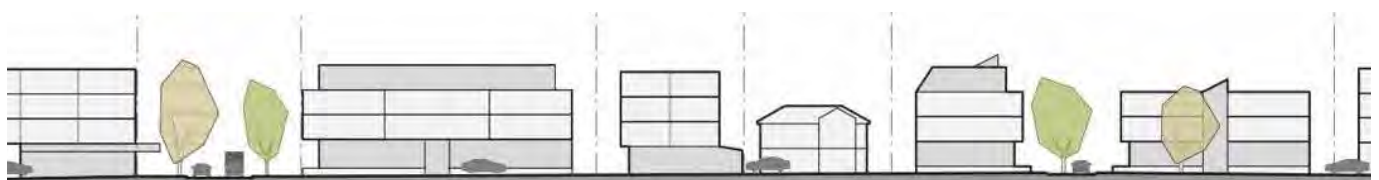


It has been identified within Forrestfield North that there are **large areas** of environmental significance which will lead to POS being more **recreation** and **nature space** focused.



Given High Wycombe is below POS requirements, the Forrestfield North area which is within High Wycombe is likely to provide over the 10% POS requirements which will allow High Wycombe to achieve the 10% provision.

A site on Brand Road which was previously a landfill site has been identified as a potential sports space. This site will require investigation into the costs associated with remediating the site to be a functioning sports space. The site has the potential to provide a reserve of approximately 9 hectares.

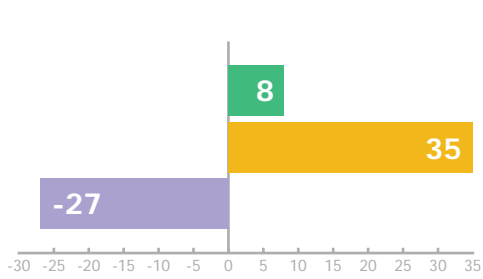


Utilising the calculations by Middle, Tye and Middle (2011) and Middle (2014), Forrestfield North is predicted to require 10 hectares of sports reserve by 2036 (15.7m² per resident). Utilising the alternative method of 3.36% of subdivisible area sports reserve requirements will be approximately 5 hectares. Additionally Forrestfield North may have to provide for High Wycombe’s shortfall in sports space. However, given the environmental constraints of Forrestfield North it may be difficult to provide the sports space required.

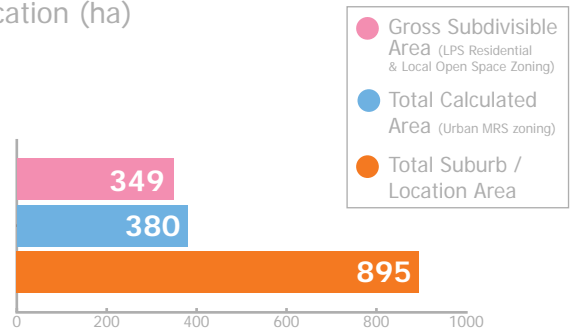
SUMMARY

4.4.3 GOOSEBERRY HILL

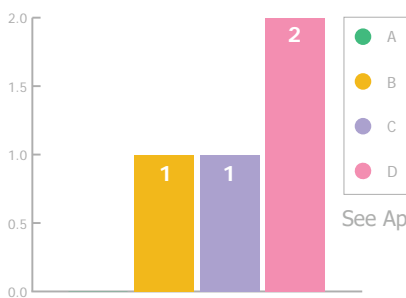
Public Open Space Allocation (ha)



See Appendix 4



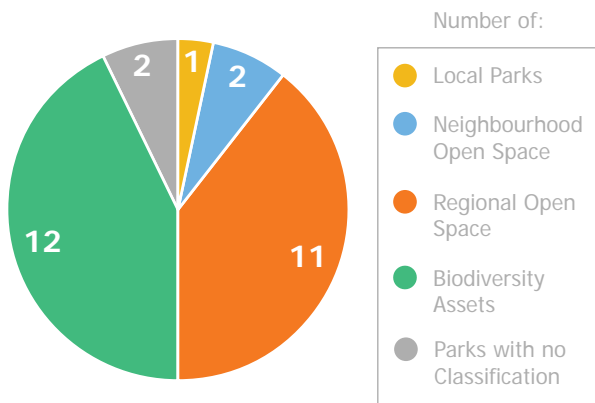
Public Open Space Assessment Rating



See Appendix 6

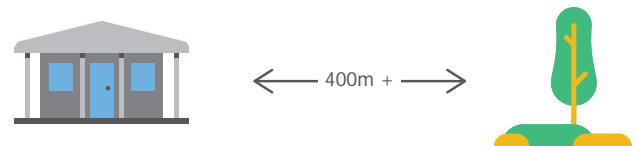
Gooseberry Hill urban area is made up of properties that are zoned either R5 or R10. Therefore, there is a significant amount of private open space provided, reducing the necessity of the POS 10% provision.

Public Open Space Classifications



See Appendix 7

A limited amount of the urban area is within 400m of one of the LOS or NOS reserves.



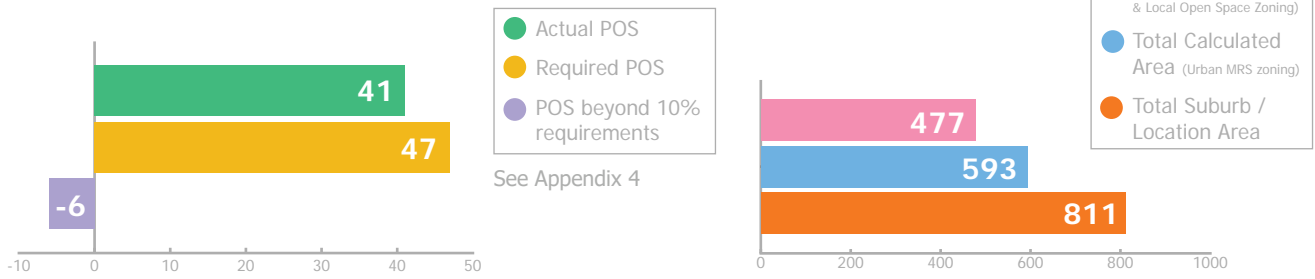
Gooseberry Hill has a significant amount of ROS

Biodiversity Assets account for the majority of Gooseberry Hill's POS - 12 of Gooseberry Hill's 16 POS reserves are Biodiversity Assets. There are few reserves providing a recreation function or multiple functions in Gooseberry Hill. Only 2 of 16 reserves are LOS or NOS, with no DOS. The quality of LOS and NOS level parks is low. Gooseberry Hill has a significant amount of ROS which is largely utilised for recreation and nature space purposes, reducing the necessity of POS 10% provision. That includes Ledger Road Reserve and Gooseberry Hill National Park. Given the context of the suburb, meeting the 10% provision is not considered applicable. The focus should be on improving the quality of existing POS in Gooseberry Hill.

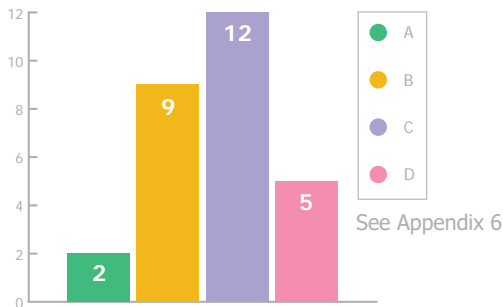
SUMMARY

4.4.4 HIGH WYCOMBE

Public Open Space Allocation (ha)

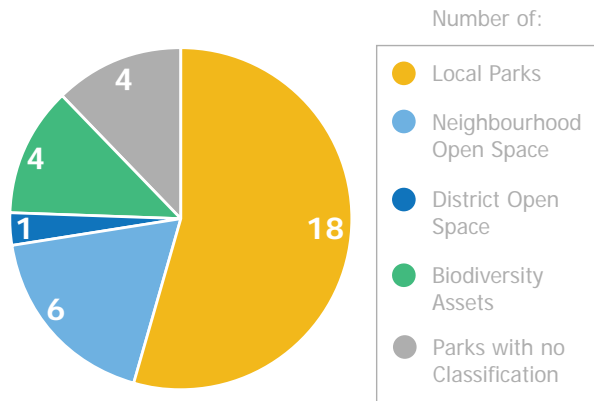


Public Open Space Assessment Rating

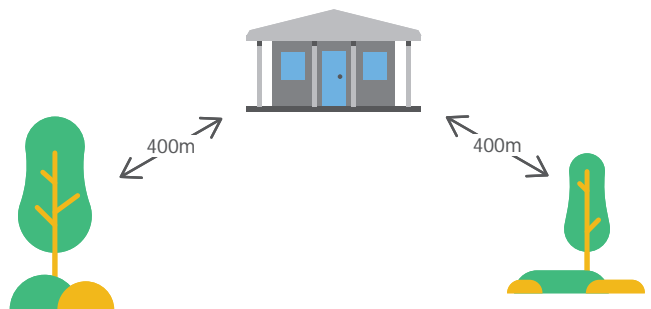


There are two ROS areas located in High Wycombe, a Bush Forever Reserve to the north, and Poison Gully to the south which borders the Forrestfield North DSP Area. These parcels largely serve recreation and nature space purposes.

Public Open Space Classifications



Almost the entire High Wycombe urban area is within 400m of POS.



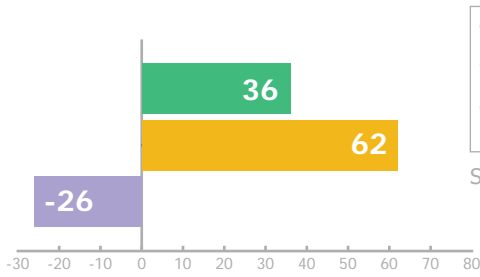
High Wycombe has a good distribution of POS.

Utilising the calculations by Middle, Tye and Middle (2011) and Middle (2014), High Wycombe is below sports reserve requirements. 7.12ha is provided in lieu of the required 19.72ha for 2018 and 21.88ha for 2036. Neighbouring suburbs Forrestfield and Maida Vale exceed sport reserve requirements and future developments in Forrestfield North and Maida Vale South may account for the sports space shortfall. Forrestfield North DSP is within High Wycombe. Current draft Structure Planning of the Forrestfield North residential precinct has approximately 17ha of POS at approximately 14% of the residential area. This provides approximately an additional 8ha above the 10% provision for the site. This will allow High Wycombe to exceed its 10% provision. 60% of POS assessed are either a C or D which will require significant attention to improving the quality of reserves in High Wycombe.

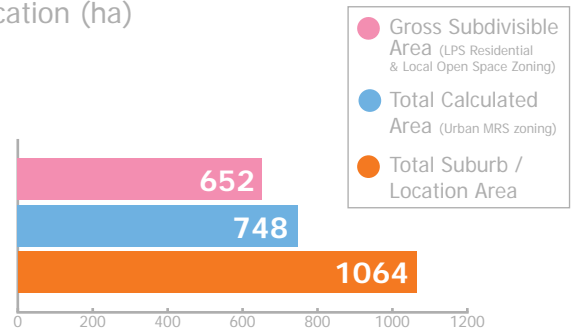
SUMMARY

4.4.5 KALAMUNDA

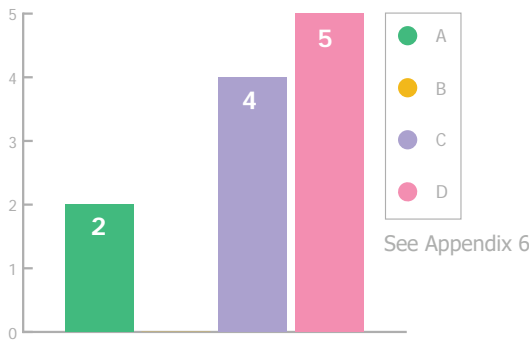
Public Open Space Allocation (ha)



See Appendix 4



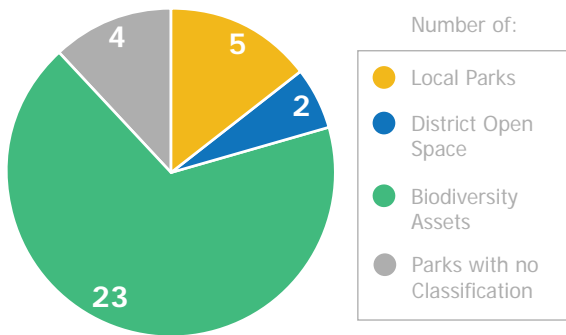
Public Open Space Assessment Rating



See Appendix 6

Utilising the calculations by Middle, Tye and Middle (2011) and Middle (2014), Kalamunda is below sports reserve requirements for 2018, 7.7ha in lieu of 11.8ha, and predicted 2036 requirements, 14ha. Biodiversity Assets account for the majority of Kalamunda POS.

Public Open Space Classifications



See Appendix 7

LOS, NOS and DOS parks only capture a portion of the urban area within a 400m walkable catchment



The quality of Local Parks/no classification is low.

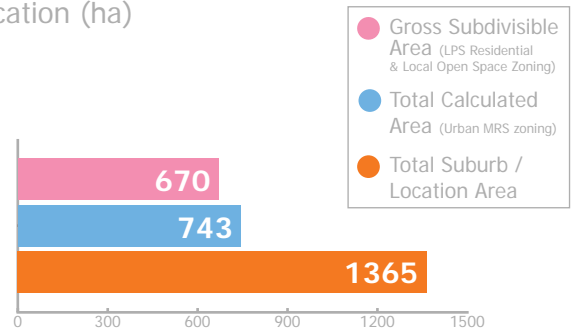
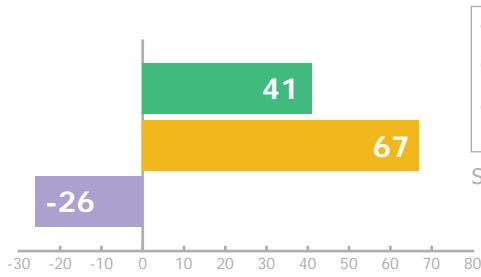
When incorporating Biodiversity Assets, the majority of the urban area is captured.

Kalamunda urban area has significant areas made up of blocks that are zoned either R5 or R10. Therefore, there is a significant amount of private open space provided, reducing the necessity of POS 10% provision in these areas. Within close proximity to the Town Centre the housing densities are higher and POS provided is much higher. Kalamunda has a significant amount of ROS which is largely utilised for recreation and nature space purposes, reducing the necessity of POS 10% provision. That includes Jorgensen Park and Mundy Regional Park. Given the context of the suburb, meeting the 10% provision is not considered applicable. However, given Kalamunda is significantly below sports space requirements, it will be the provision of sports space POS that needs to be rectified.

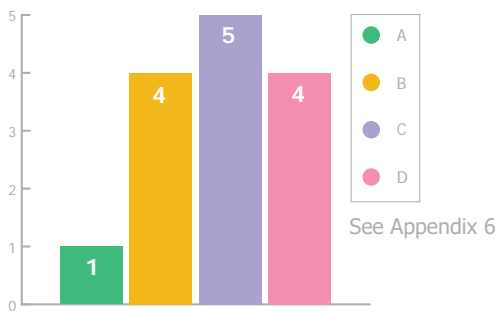
SUMMARY

4.4.6 LESMURDIE

Public Open Space Allocation (ha)

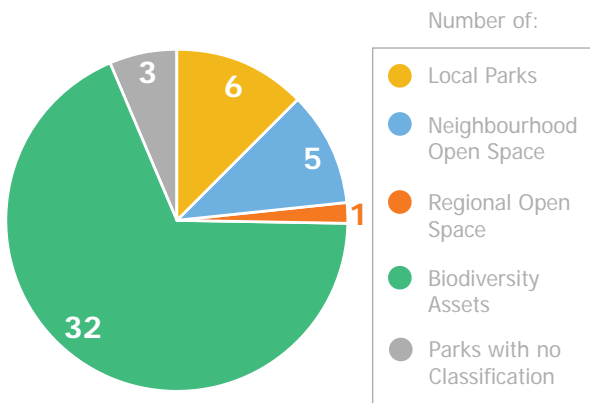


Public Open Space Assessment Rating

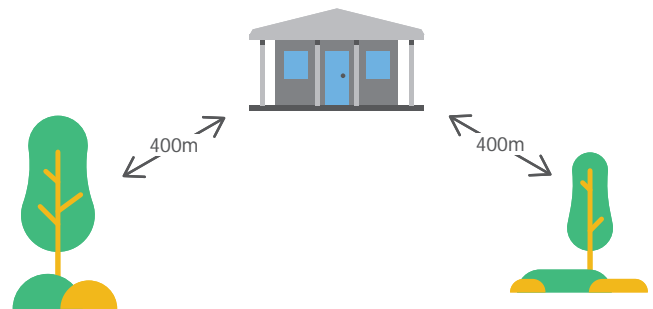


Utilising the calculations by Middle, Tye and Middle (2011) and Middle (2014), Lesmurdie is below sports reserve requirements. 10ha provided in lieu of 13.5ha for 2018 and 2036.

Public Open Space Classifications



LOS, NOS and ROS parks capture a large portion of the urban area within a 400m walkable catchment.



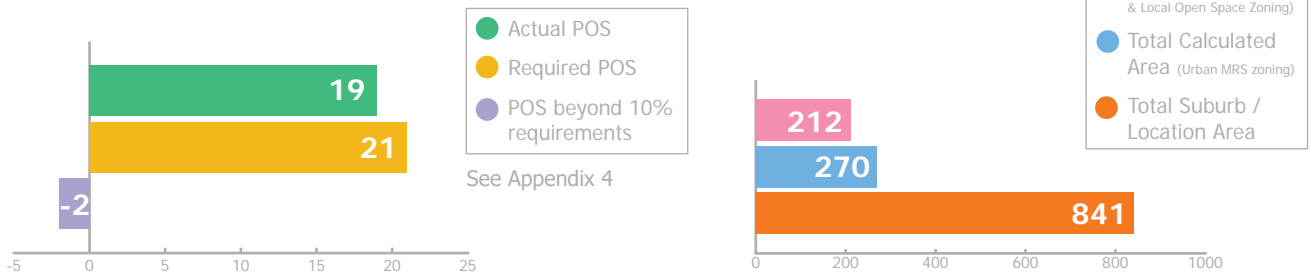
When incorporating the Biodiversity Assets almost the entire urban area is captured.

Lesmurdie urban area has significant areas made up of blocks that are zoned either R5 or R10. Therefore there is a significant amount of private open space provided, reducing the necessity of POS 10% provision in these areas. Lesmurdie has a significant amount of ROS which includes Ray Owen Reserve used for the purpose of organised sport and nature space and Mundy Regional Park used for the purpose of recreation and nature space purposes, reducing the necessity of POS 10% provision. Given the context of the suburb, meeting the 10% provision is not considered applicable. However, given Lesmurdie is significantly below sports space requirements, it will be the provision of sports space POS that needs to be rectified.

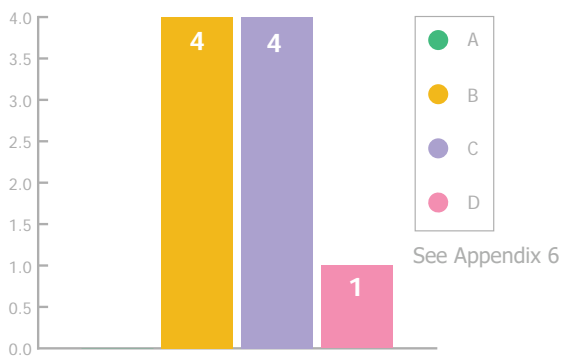
SUMMARY

4.4.7 MAIDA VALE

Public Open Space Allocation (ha)

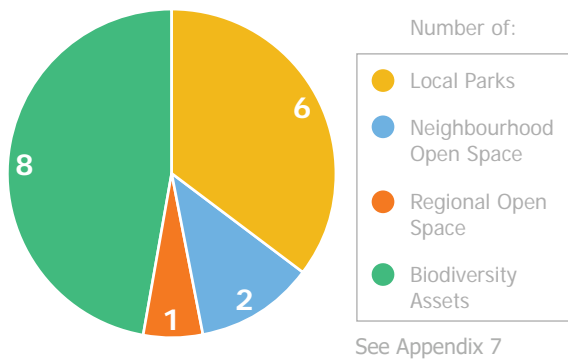


Public Open Space Assessment Rating

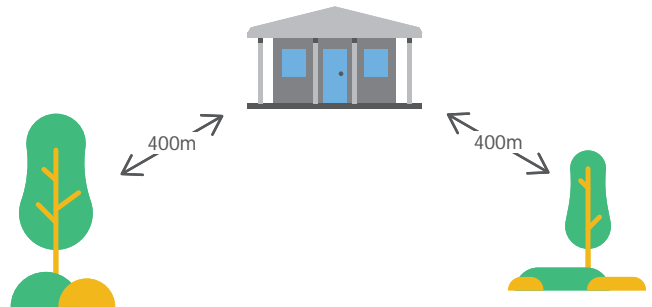


Utilising the calculations by Middle, Tye and Middle (2011) and Middle (2014), Maida Vale exceeds sports space requirements for 2018 and future predicted 2036 requirements – 14.37ha provided.

Public Open Space Classifications



The entire Maida Vale urban area is within 400m of POS.

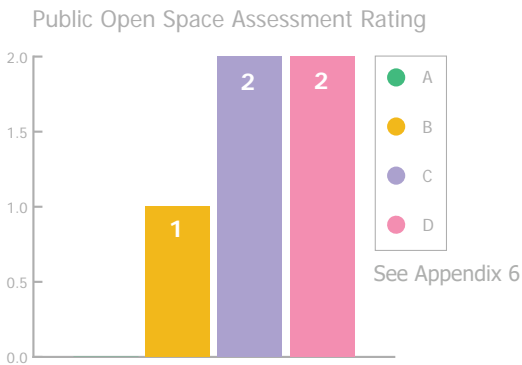
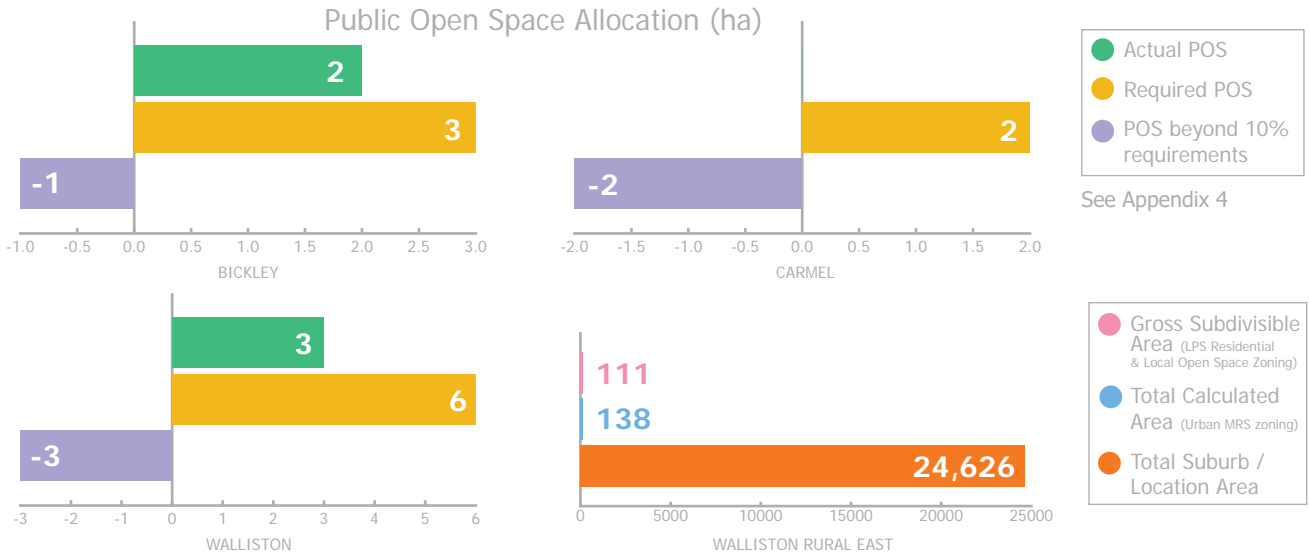


Maida Vale has areas of low density where large amounts of private open space are provided.

Maida Vale has an additional 9 hectares of POS outside the POS calculation area amongst its rural zoned lots. Regional Open Space is provided within Maida Vale in the form of Bush Forever for the purpose of conservation and Maida Vale Recreation Reserve for the purpose of organised sport and nature space purposes. Maida Vale South has been identified for future urban development and will need to provide 10% POS. Maida Vale’s shortfall can be picked up through the development of Maida Vale South by exceeding the 10% provision. Maida Vale South may also be required to pick up the sports reserve shortfall of High Wycombe.

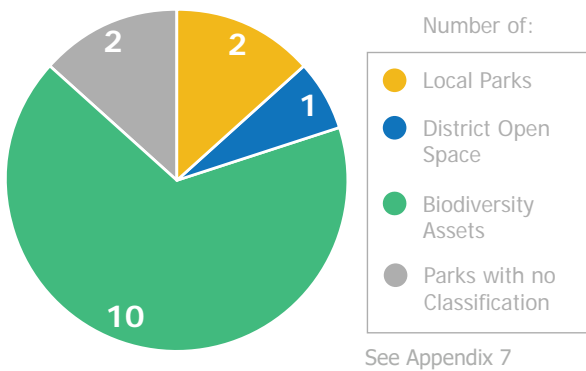
SUMMARY

4.4.8 RURAL EAST-WALLISTON

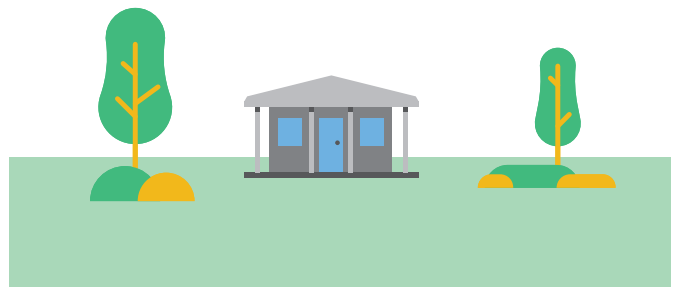


Utilising the calculations by Middle, Tye and Middle (2011) and Middle (2014), Rural East-Walliston region meets sports space requirements for 2018 and 2036.

Public Open Space Classifications



All urban within the Rural East suburbs is zoned R5 and either R5 or R10 in Walliston.



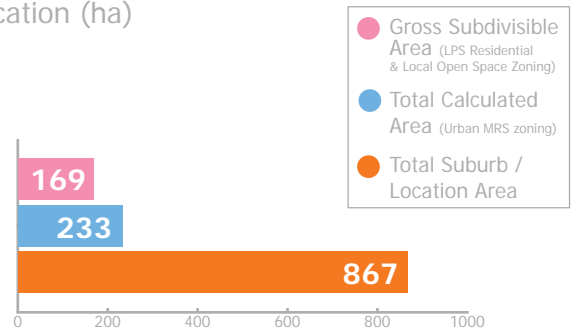
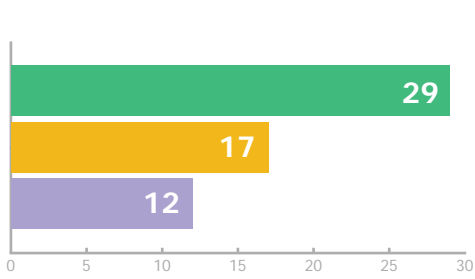
The low density housing provides significant amounts of private open space.

The majority of the Rural East suburbs are zoned rural and therefore doesn't require the provision of POS. Biodiversity Assets account for the majority of Rural East-Walliston POS. Within the rural areas of Rural East-Walliston, Bickley has 3 hectares of POS, Carmel has 4 hectares of POS and Pickering Brook has 41 hectares of POS. There are large areas of ROS in the Rural East suburbs serving the purpose of outdoor recreation and nature space purposes, reducing the necessity of POS 10% provision. These parcels include Kalamunda National Park, Greenmount State Forest and Korung National Park. Given the context of the region, meeting the 10% provision is not considered applicable.

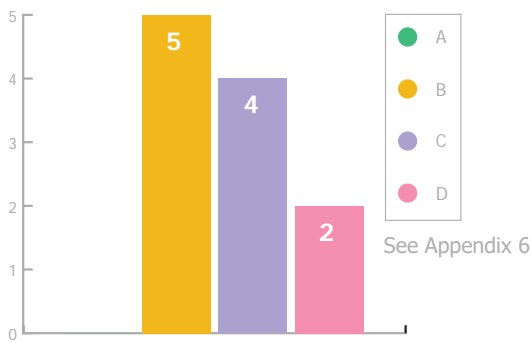
SUMMARY

4.4.9 WATTLE GROVE

Public Open Space Allocation (ha)

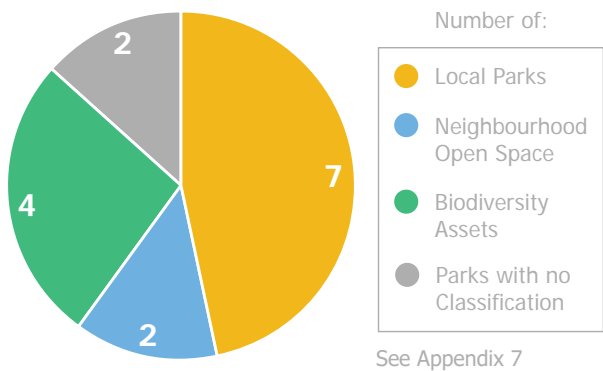


Public Open Space Assessment Rating

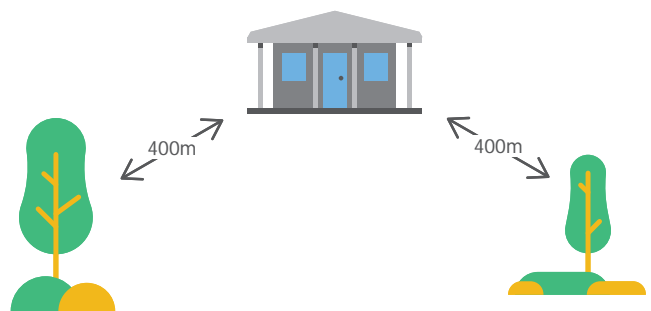


Wattle Grove provides no sports reserves. 10.3ha required for 2018 and 11.35ha required for 2036. Neighbouring suburb Forrestfield exceeds sports space significantly.

Public Open Space Classifications



The entire Wattle Grove urban area is within 400m of POS.



Additional 2 hectares of POS provided within Wattle Grove rural areas.

Two Bush Forever parcels located within Wattle Grove, one being a portion of Hartfield Park used for nature space purposes. Wattle Grove urban area is currently in the process of urban development and therefore areas of allocated POS are yet to be developed. Wattle Grove South has been identified for future urban development and will be required to meet the 10% provision. Given Wattle Grove provides no sports space and the Foothills will be below sports space requirements, this will be required to be picked up in the Wattle Grove South development.

SUMMARY

4.5 Community Engagement

Public advertising of the draft Strategy was undertaken from early December 2017 to late February 2018. The public advertising period allowed the public, clubs, organisations, community groups and State Agencies the opportunity to comment on the Strategy through a variety of methods including a survey, workshops, information stalls and submissions.

Refer to Appendix 14 for full Community Engagement Outcomes Report.

The community expressed many key values and attributes they like about POS that need improvement or could be implemented.

List of Priority Improvement and Implementation Items

The following upgrades should be prioritised when improving POS:

1. Playgrounds
2. Revegetation
3. Beautification
4. Improved maintenance schedule
5. Seating
6. Amenities – toilets, lighting and bins
7. Footpaths
8. Clubrooms
9. Playing fields and sports infrastructure

The upgrades and implementation should be considered on an individual basis, for what is most appropriate for the reserve and the locality. Refer to Appendix 12 for list of reserves that require improvement.

Specific items were mentioned for reserves or areas. A swimming pool at Hartfield Park or the Foothills was one such idea expressed. Scott Reserve was also identified as a reserve that requires improved sporting facilities. The community expressed a desire to continue and improve the presence of community

The following items should be prioritised for implementation when improving POS:

1. Nature playgrounds
2. Native vegetation
3. Seating
4. Shade Structures
5. Playing fields and sports infrastructure
6. Amenities – toilets, lighting and bins
7. Fenced dog walking areas
8. Basketball court
9. Soccer goals
10. Walking/Running/Cycling tracks
11. BBQs
12. Community Gardens

groups at reserves and also consider support for the establishment of community gardens. The community expressed their desire for a fenced dog park within the City, more nature playgrounds and basketball courts and/or soccer goals at small parks. During the improvement of POS process, these specific items should be individually investigated into opportunities for implementation.

The community identified reserves which should be considered for improvement, transfer and amended classification and ratings. These comments have been reviewed as part

of the finalisation of the Strategy. The community expressed the importance that POS plays in providing ecological links between large regional reserves and the benefits this provides not only from an environmental perspective, but also a health and wellbeing perspective. It is important that these ecological links are enhanced. The importance of POS provides a link to areas of key interest, particularly cycle and walking trails such as the Zig Zag, Railway Heritage Trail and Bibbulmun Track. Improving these key linkages through improved access and landscaping is an opportunity for the City to explore.

4.6 Observations

Quality of POS

During the assessment process it was evident that the quality and functionality of the smaller local parks is generally quite low. In comparison most NOS, DOS and ROS parks are of a reasonable standard. The larger, multi-function reserves are more attractive to residents, have greater usage and are an easier maintenance asset than the dispersed low usage small local parks. In summary the focus going forward should be providing attractive multi-function POS and rationalising any small LOS. The NOS and larger LOS provide an opportunity for more uses and therefore strategic sites in addition to sites of poor quality should be identified for improvement.

Of concern is the amount of reserves across the City that serve no functionality. These reserves have very limited conservation function, no aesthetic qualities and provide no recreation function, whether it is organised sport or casual recreation. These parks require further investigation as to whether they are worthy of retention, and if retained they require significant investment to improve. Refer to Appendix 12 for list of low quality and low function reserves.

A Land Assessment Report was conducted by Hester Property Solutions in 2011 (Hester Land Assessment Report 2011), which assessed the City's assets for their value and subsequent recommendations. Many POS reserves were given recommendations for potential transfer or improvement. Many of the recommendations for potential transfer and improvement of reserves is reflected in the Hester Land Assessment Report 2011.

There are significant areas of POS utilised for drainage purposes. Many of these drainage areas are poorly landscaped and will require their design and management to be reviewed.

Some of the key aspects of low quality POS that were evident included the following:

- Limited lighting and passive surveillance
- Limited access to POS for pedestrians, cyclists and public transport
- Limited pedestrian access within POS
- Limited disability access provisions provided
- Poor aesthetics and low quality facilities, playgrounds and equipment
- Limited amenities

Functions of POS

There is a clear difference in the type of reserves servicing the Foothills in comparison to the Hills. The Foothills provide a lot of sport and recreation based reserves, whereas the Hills mostly consist of nature and recreation based reserves.



Quantity of POS

Only Forrestfield and Wattle Grove achieve the 10% POS provision. These areas include relatively new developments which have gone beyond the 10% requirement. Achieving the 10% is very difficult in the Hills suburbs and not entirely applicable considering the low density residential areas with large amounts of private open space, rural areas and significant areas of regional, state and national parks which provide recreation and conservation purposes.

Although Maida Vale does not achieve the 10%, the future Maida Vale South urban area will fulfil the shortfall. Maida Vale also has Maida Vale Recreation Reserve which is regional open space and isn't included in the calculation, if this reserve which serves organised sport and conservation functions was included, the suburb achieves the 10% provision. As part of the Forrestfield North development, POS is likely to exceed the 10% allocation and will allow High Wycombe to achieve the 10% POS provision.

Sports Space

Forrestfield, Maida Vale and Rural-East Walliston either achieve sports space requirements or exceed them. Kalamunda, Lesmurdie and High Wycombe are below provisions. Gooseberry Hill and Wattle Grove provide no sports space. The Foothills meet sports space requirements for 2018, however will be below those provisions by 2036. The Hills are below sports space requirements for 2018 and 2036. It should be taken into consideration that sports space serves the local, district and regional community. Therefore, the local, district and regional context should be taken into account.

Noting that sports space

requirements by Middle, Tye and Middle (2011) and Middle (2014) are guidelines and not statutory requirements, the Foothills are predicted to require approximately 80ha of sports reserve space by 2036, with 64ha currently allocated, an additional 16ha required over the next 18 years. The Darling Range Master Plan adopted by the City in 2013 concluded that an additional 9.32ha would be required by 2031 utilising a different methodology, however also identified potentially between 13-26ha required using various methodologies including the one used by Middle, Tye and Middle (2011).

An officer level review of the existing capacity of the sports spaces concluded the following:

- Hartfield Park is at capacity. The rugby league club have no official 'home' and are temporarily based at the cricket club. The soccer club is expanding which requires additional space. The hockey club and tee ball club as part of the Hartfield Park Masterplan are to be relocated to where the Pony Club was located. This will see the rugby league club and soccer club utilise the current hockey club ground. This can only be a short term solution due to continued expansion of these clubs and restricted space.
- Scott Reserve utilised for cricket and AFL is coping with existing usage, however clubs have expressed interested in improved facilities and additional space.
- Maida Vale Reserve utilised for soccer, tee ball, soft



ball and baseball is coping with existing usage. Water provisions will limit further expansion.

- Kostera Oval utilised for cricket and AFL is coping with existing usage.
- Ray Owen Reserve utilised for cricket and AFL is reaching capacity with the expansion of both sports, in particular the cricket club which has to utilise other venues for home games on occasion. The Ray Owen Masterplan identifies an expansion of sports playing space. This will be dependent on water provisions.

As part of the Forrestfield North development, sports space could be provided in order to allow High Wycombe to achieve sports space requirements and to reduce the pressure on Hartfield Park. It should be noted that Forrestfield North has limited scope for sports space and will likely consist mostly of reserves serving a passive or conservation purpose.

An old landfill site on Brand Road has been identified as a potential location for a sports reserve, the costs of remediation will have to be investigated to identify if this option is viable. The site has the potential to provide a reserve of approximately 9ha. Sports space for High Wycombe may have to be identified elsewhere pending the outcomes from the landfill investigations.

The future development of Maida Vale South has the potential to provide for the future sports space requirements. Given Wattle Grove's predicted high population rise over the next 20 years it should be investigated into how sports space can be provided in the area. This could be achieved through the development of Wattle Grove South. Pioneer Park in Forrestfield previously provided a sports space function, however was not remediated effectively and as such is no longer used for this purpose.

Given the requirement for more sports space in the City, further investigation into the remediation of Pioneer Park will be required to identify if this option is viable. Other options for acquisition are limited, with no vast areas available for sports space.

Any vast areas have significant environmental value and are reserved as Parks and Recreation. Acquisition of large areas of residential or rural land is financially unviable. Cooperation with private and public schools to provide joint use community and recreation sporting facilities provide a potential option for providing sports space.

The Hills currently provide 25ha of sports reserves, with 36ha required for 2018 and 40ha predicted to be required by 2036, an additional 15ha, as per Middle (2014) guidelines. Given the context of the Hills; low density urban

development with significant areas of regional open space and limited capacity for development due to bushfire, environmental factors, geology, landscape and fragmented landownership, providing for an additional 15ha can be considered difficult to achieve. Any vast areas have significant environmental value and are reserved as Parks and Recreation. It may be required that one of these sites is investigated for a multi-purpose reserve. Acquisition of large areas of rural or residential land is financially unviable.

It is likely the Foothills will have to compensate for the Hills limited sports space through existing sports reserves and future sports reserves. Maida Vale's surplus of sports space for example can cater for Gooseberry Hill. Kalamunda and Lesmurdie will have to be catered for through the identification of an acquisition site (potentially in the Foothills), master planning of existing sports spaces to cater for higher capacities and collaboration with local private and public schools to provide joint use community and recreation sporting facilities is an important consideration.

It should also be noted that the guidelines for sports space allocation are based on population, not other factors such as age structure. Given the ageing nature of the Hills suburbs in particular, the demand for sports space may not be as high as predicted.

The following school sites and adjacent reserves may provide an opportunity for joint use community and recreation sporting facilities:

SCHOOL/RESERVE	COMMENTS
Darling Range Sports College	The Darling Range Master Plan 2013 investigated the possibility for additional sports space at Darling Range Sports College, however found this option is limited. Currently has existing sports ground.
Matthew Gibney Catholic Primary School/Ollie Worrell Reserve	The school owns approximately half Ollie Worrell Reserve, with the rest owned by the City. Would be a small facility.
Lesmurdie High School	Has existing sports ground. Any expansion of sports space would impact upon natural vegetation on school site. Any significant expansion would require encroachment into adjacent reserve which is currently zoned as Parks & Recreation.
Mazenod College	Has two existing sports grounds. Potential of limited expansion of main sports ground. Mazenod have sports clubs which compete in district and regional junior competitions and also utilise Ray Owen Reserve.
Saint Brigid's College	Has two existing sports grounds. Limited ability for expansion. Would be a small facility. Lesmurdie Junior Football Club and St Brigid's junior sporting clubs use the sports grounds.
Gooseberry Hill Primary School/Ledger Road Reserve	Has existing sports ground. Opportunity for expansion at the adjacent Ledger Road Reserve which is zoned as Parks & Recreation. Ledger Road Reserve will need to be investigated for remediation required, particular closest to the school as it was a previous landfill site.
Falls Road Primary School/Fred Eversden Reserve	Has existing sports ground. Opportunity for expansion at adjacent Fred Eversden Reserve which has been classified as Neighbourhood Park. Reserve has significant natural vegetation, tennis courts and Men's Shed club.
Kalamunda Primary School/East Terrace Reserve	Has an existing sports ground. Opportunity for expansion at the adjacent East Terrace Reserve. East Terrace Reserve has significant native vegetation. Dealing with topography will be a significant challenge.
Mary's Mount	Has an existing sports ground. No opportunity for expansion. Potential for junior sports.

As part of any sports space facility master planning of new or existing sites, the implementation of synthetic turf should be considered. Given the City's shortfall of sports space and increasing demand on existing sports space, grassed reserves will be heavily impacted by increased use, requiring increased maintenance and further costs to maintain.

In addition to this, grassed reserves require significant amounts of water to maintain, which is a significant cost. Synthetic turf is a cost effective option, which can withstand heavy usage, has low maintenance costs, with the only major cost being periodic replacement.

The City of Melville (Melville) have incorporated synthetic turf at Murdoch University for soccer use. Melville identified the need for synthetic turf for the following reasons:

- There is a limitation on irrigation water.
- Melville identified a requirement for additional active sports grounds to cater for the increasing population.
- There is a general overuse of sporting fields in Melville.
- The turf growth slows during colder months when at its highest use.
- The number of users is beyond the turfs ability to recover.
- The increased length of the sports season does not allow for an adequate recovery period before summer sports re-start. (City of Melville 2012)

The synthetic turf that has been implemented is considered to be high quality FIFA approved playing surface. Any synthetic turf implemented by the City will have to be similar high quality to cater for sports such as soccer.

The City has limited POS locations which provide the opportunity for casual sports play, such as half-court basketball courts, standalone soccer or AFL goals, and table tennis tables. The community expressed a desire for more casual sports infrastructure. Opportunities should be investigated within improvement sites identified in Appendix 12.

Given that it is predicted that by 2036 approximately 30ha of sports space will be required, appropriate forward planning should be undertaken to cater for this demand. 30ha equates to approximately three large multi-purpose sporting reserves of 10ha each.

The Strategy recommends that the City work towards at least three additional multi-use sports reserves (approximately 10ha in size) by 2036 with the following schedule (subject to project specific briefs and information available at the time. The schedule should be reviewed periodically.

Noting variations to the 10ha recommended size and other factors may require additional or a reduction in the number of reserves):

- Short-Long Term (2018-2036) – Undertake and review Master Planning of existing sports grounds. Improve facilities, playing surfaces, amenities, aesthetics, access and maximise capacity. Investigate opportunities for synthetic turf.
- Short-Long Term (2018-2036) – Identify and collaborate with local schools to provide joint-use sporting facilities. Hills suburbs should be first priority.
- Short Term (2018-2024) – Implement a new sports ground in Foothills. Potential locations being Brand Road Landfill site and Pioneer Park.
- Medium Term (2024-2030) – Implement a second sports ground in Foothills. Potential locations being Brand Road Landfill Site, Pioneer Park and future Wattle Grove South.
- Long term (2030-2036) – Implement a third sports ground in an appropriate location in the City. Potential Foothills locations being Brand Road Landfill Site, Pioneer Park and future Wattle Grove South. Further investigations will need to be undertaken to identify potential a Hills site.

Nature Space

It is evident there are a larger occurrence of Biodiversity Assets and parks that serve a nature function in the Hills compared to the Foothills. This is expected in the Hills given the character of the area and the lower density urban environment. Maintaining this character and value is important moving forward. It is also vital that nature spaces are protected and further enhanced in the Foothills.

The Foothills are expected to experience significant urban growth, therefore reducing natural vegetation in the area in the process. The future Environmental Planning Strategy will be responsible for protecting native vegetation in the private realm, where native vegetation is at significant risk due to clearing for higher densities. Offset areas will need to be identified in the Hills and Foothills to offset the impact of urbanisation. Nature spaces in general will need to be continued to be improved to provide an 'urban forest' and to

enhance the environmental values of the City. This requirement has been identified in the Kalamunda Achieving – Corporate Business Plan 2017-2021. The Environmental Planning Strategy, Local Biodiversity Strategy 2008 and Local Environment Strategy 2018 will help inform the actions of the Local Planning Strategy 2018 relating to environmental protection.

A key focus of the Strategy is to protect the natural values the City possesses with its POS. Biodiversity Assets have been identified for further investigation of their values and to provide a level of future strategic protection. Assessment of Biodiversity Assets are to be undertaken with the appropriate methodology, which is to be determined during the scoping of the Project Brief phase. The methodology utilised to assess Biodiversity Assets should consider the ecological value assessment matrix in the Local Biodiversity Strategy 2008 and recognised contemporary environmental assessment methodologies.

There are however reserves that are identified for improvement or transfer that may require the removal of degraded vegetation. Therefore it is recommended that as part of any improvement or transfer where native vegetation is to be removed, that three times the number of 'significant trees' removed are replaced at a reserve in the same locality or at a reserve which has an improvement project being undertaken. Where feasible the removal of native vegetation should be avoided.

There are many reserves in the City where Friends Groups are established to help maintain and enhance reserves. The City should continue to assist existing Friends Groups and advocate for Friends Groups to form at local reserves which do not have an existing group. Friends Groups not only assist in enhancing the environmental integrity and appeal of reserves, but also create a sense of community amongst members.

Conclusion

Given the considerations mentioned above in results, community engagement and observations, rectifying the issues that have been observed and enhancing the qualities observed will be demonstrated in the Strategic Directions and Actions of the Strategy.



5.0 Strategic Directions and Actions

Short Term: 1-3 Years

Medium Term: 4-8 years

Long Term: 9 Years +

Objective			
Strategic Direction	Action	Priority	Responsibility
Protect environmentally significant areas from encroaching development			
1.1. Native plant species to be prioritised over exotic species for revegetation.	1.1.1. Any form of POS development, whether it be through subdivision, acquisition or improvement to ensure that only native species are planted unless there is a significant cultural or heritage reason otherwise.	Ongoing	<ul style="list-style-type: none"> • Parks and Environment • Statutory Planning • Strategic Planning • Community Development • Assets
1.2. To reduce water consumption, water sensitive plants to be used for revegetation.	1.1.2. Any form of POS development, whether it be through subdivision, acquisition or improvement to ensure that only water sensitive vegetation is planted unless there is a significant cultural or heritage reason otherwise.	Ongoing	<ul style="list-style-type: none"> • Parks and Environment • Statutory Planning • Strategic Planning • Community Development • Assets
1.3. To assess the quality of POS reserves classified as biodiversity assets and reserves with a nature function to be considered for assessment.	1.1.3. Assessments of the Biodiversity Assets and nature reserves identified in this Strategy to be undertaken by the City. Assessment methodology to consider the ecological viability assessment matrix identified in the Local Biodiversity Strategy 2008 and recognised contemporary environmental assessment methodologies.	Short Term	<ul style="list-style-type: none"> • Parks and Environment
1.4. Biodiversity assets to be environmentally enhanced.	1.1.4. Utilising this Strategy as an overarching authority, a project specific brief for the improvement of Biodiversity Assets should be prepared and undertaken. The assessments of Biodiversity Assets in Action 1.3.1 are to inform the improvements required. Any improvements are for environmental enhancement (tree planting, pest and disease mitigation, wildlife habitat etc.) or to be complimentary (footpaths, seating etc.). Improvements should not impact on the environmental integrity of the reserve unless unavoidable for bushfire mitigation reasons.	Medium Term (Project Brief)	<ul style="list-style-type: none"> • Parks and Environment

Objective

Strategic Direction	Action	Priority	Responsibility
Protect environmentally significant areas from encroaching development			
1.5. Identify reserves that can be rehabilitated / revegetated through offset plans.	1.1.5. Utilising this Strategy as an overarching authority, a project specific brief for the development of a framework that identifies all available land areas that can be rehabilitated / revegetated through offset plans for the City to be utilised as environmental offsets. The Environmental Planning Strategy, Local Biodiversity Strategy 2008 and Local Environment Strategy are to assist in informing rehabilitation and revegetation plans and offset areas.	Short Term	<ul style="list-style-type: none"> • Parks and Environment
1.6. Ensure any lost native vegetation is replaced.	1.1.6. Where the removal of native vegetation at a POS reserve is proposed due to improvements or transfer, 'significant trees' removed are to be replaced by three times the number of 'advanced trees' either at the reserve, reserve in the locality or a reserve which has an improvement project to be undertaken within 12 months of the tree removal.	Implement from 2019 - Ongoing	<ul style="list-style-type: none"> • Parks and Environment • Strategic Planning • Assets • Community Development
1.7. Assist and advocate for Friends Groups at POS reserves.	1.7.1. Provide resources and assistance to existing Friends Groups to enhance the environmental integrity of reserves.	Ongoing	<ul style="list-style-type: none"> • Parks and Environment
	1.7.2. Actively advocate via social media platforms, City's website and print media for Friends Groups to form at POS reserves which do not have an existing Friends Group.	Initiate 2019 - Ongoing	<ul style="list-style-type: none"> • Parks and Environment • Customer and Public Relations
Optimise the use of the City's resources to achieve effective and efficient POS outcomes.			
2.1. All new Structure Plans and modified Outline Development Plans to allocate POS in accordance with Liveable Neighbourhoods requirements and address deficiencies identified in the Strategy.	2.1.1. Future Structure Plan areas to address POS deficiencies identified in the Strategy with a particular focus on the provision of sports space in High Wycombe and Wattle Grove. It is noted that not all the sports space requirements will be achievable through the future subdivision of Maida Vale South, Wattle Grove South and Forrestfield North urban growth areas.	Ongoing in accordance with Structure Plan timelines – Forrestfield North, Maida Vale South and Wattle Grove South all anticipated to be addressed in the Short-Medium Term.	<ul style="list-style-type: none"> • Strategic Planning

Objective

Strategic Direction	Action	Priority	Responsibility
Optimise the use of the City's resources to achieve effective and efficient POS outcomes.			
2.2. The City to potentially transfer POS that does not serve any functional benefit to the community. Ensure that any POS identified for potential transfer lacks either active, passive or environmental function.	2.2.1. Utilising this Strategy as an overarching authority, a project specific brief for the transfer of low grade POS sites (identified in Appendix 12) should be prepared and progressed. This process requires community consultation in line with the Community Engagement Protocol outlined in Appendix 13. It is noted that work has already commenced on one site within the City at Cambridge Reserve.	Short Term (Project Brief)	• Strategic Planning
2.3. To acquire POS in suburbs where POS is below Liveable Neighbourhoods requirements.	2.3.1. Utilising this Strategy as an overarching authority, a project specific brief for the identification of acquisition sites should be prepared and undertaken with a focus on consolidating and expanding on existing POS areas.	Medium Term (Project Brief)	• Strategic Planning
	2.3.2. Funds raised from the transfer of POS and cash-in-lieu to be utilised to acquire sports space sites and POS in suburbs below POS 10% provision.	Medium Term	• Strategic Planning • Community Development
2.4. To recommend a cash-in-lieu conditions are imposed for subdivision creating three or more lots.	2.4.1. For any proposed subdivision creating three or more lots, the City will recommend to the Western Australian Planning Commission that it imposes a Public Open Space (cash-in-lieu) condition where appropriate.	Ongoing	• Strategic Planning • Statutory Planning
	2.4.2. Prepare Local Planning Scheme provisions to enable the City to recommend cash-in-lieu conditions are imposed for subdivisions creating three or more lots.	Short Term	• Strategic Planning • Statutory Planning
2.5. To investigate strategic subdivision of underperforming areas of POS.	2.5.1. Utilising this Strategy as an overarching authority, a project specific brief for the transfer of low grade POS sites (identified in Appendix 12) should be prepared and progressed. This process requires community consultation in line with the Community Engagement Protocol outlined in Appendix 13. It is noted that work has already commenced on one site within the City at Cambridge Reserve.	Short Term (Project Brief)	• Strategic Planning

Objective

Strategic Direction	Action	Priority	Responsibility
Optimise the use of the City's resources to achieve effective and efficient POS outcomes.			
2.6. The City, as funding and resources permit increase the quality of POS for community benefit through an increase in the number of 'A' grade reservations	2.6.1. Utilising the Strategy as an overarching authority, project specific briefs for the improvement of low grade and strategic POS sites should be prepared and undertaken to with aim to increase the number of 'A' grade reservations (identified in Appendix 12).	Initiate Short Term – Ongoing – Refer to Appendix 12 for Priority List	<ul style="list-style-type: none"> • Parks and Environment • Assets • Community Development
	2.6.2. As funding and resources allow, the City should aim to enhance three reserves per annum. Funds raised from the transfer of POS and cash-in-lieu are to be utilised to fund the improvement of POS reserves.	Initiate Short Term – Ongoing – Refer to Appendix 12 for Priority List	<ul style="list-style-type: none"> • Parks and Environment • Assets • Community Development • Strategic Planning • Finance
	2.6.3. By 2023 the City is to undertake an audit of POS Reserves improved in response to Actions 2.6.1 and 2.6.2.	Medium Term	<ul style="list-style-type: none"> • Strategic Planning • Parks and Environment • Community Development
2.7. The City to review P&R Land that is currently developed and prioritise the improvement of undeveloped areas.	2.7.1. The City to liaise with the relevant state agencies in reviewing and assessing developed P&R land and identifying areas that require improvement. The assessment to consider land in relation to future use and the significance for the local area including environmental, drainage, recreational, and tourism opportunities and community values.	Medium Term	<ul style="list-style-type: none"> • Parks and Environment • Assets
2.8. Appropriate planning and policy considerations are developed to support retention of functional POS.	2.8.1. The City prepare a Local Planning Policy (LPP) which states the City is to adhere to Liveable Neighbourhoods – Element 4 Public Parkland design guidelines and includes provisions which are applicable to the local context.	Short Term	<ul style="list-style-type: none"> • Strategic Planning • Statutory Planning

Objective

Strategic Direction	Action	Priority	Responsibility
Optimise the use of the City's resources to achieve effective and efficient POS outcomes.			
2.8. Appropriate planning and policy considerations are developed to support retention of functional POS (cont.)	2.8.1.1. The LPP is to stipulate that future POS sites are to be of a Neighbourhood level at a minimum or Biodiversity Assets where important environmental assets are to be protected, with an emphasis on multi-use sites, if such sites cannot be provided as part of subdivision a cash-in-lieu condition to be imposed to fund acquisition of large land parcels and improvement of Neighbourhood, District and Regional level reserves. Development of new POS sites should follow DSR Guidelines.	Short Term	<ul style="list-style-type: none"> • Strategic Planning • Statutory Planning
2.9. Allocated drainage and utilities in POS to be appropriately located, designed, managed and safe.	2.9.1. A project specific brief is to be prepared for the assessment of all drainage and utilities located in POS and implement schedule of improvements. Assessment is to identify drainage and utilities that are poorly located, not well managed, poorly designed and are considered unsafe for the community.	Medium Term (Project Brief)	<ul style="list-style-type: none"> • Assets
	2.9.2. Future POS development to ensure that drainage and utilities are appropriately located, maintained, designed and safe for the community.	Ongoing	<ul style="list-style-type: none"> • Assets
Ensure POS is safe for all members of the community.			
3.1. Phased installation of low level solar powered lighting to be undertaken on park areas of a neighbourhood level and above where footpath access is provided to improve site security.	3.1.1. A project specific brief to implement a schedule for the installation of low level solar powered lighting through POS sites of a neighbourhood level and above, should be prepared and undertaken where appropriate.	Medium Term (Project Brief)	<ul style="list-style-type: none"> • Assets
3.2. Disability access paths to be provided to all parks of a neighbourhood level and above.	3.2.1. Utilising this Strategy as an overarching authority, a project specific brief to implement a schedule for the installation of disability access pathways to all POS sites of a neighbourhood level and above, should be prepared and implemented.	Medium Term (Project Brief)	<ul style="list-style-type: none"> • Assets • Community Development

Objective

Strategic Direction	Action	Priority	Responsibility
Ensure POS is safe for all members of the community.			
3.2. Disability access paths to be provided to all parks of a neighbourhood level and above (cont).	3.2.2. Future POS development to ensure that disability access pathways to all POS sites of a neighbourhood level and above are provided.	Ongoing	<ul style="list-style-type: none"> • Assets • Community Development • Statutory Planning
3.3. Ensure passive surveillance of POS is optimised.	3.3.1. The Housing Strategy to address passive surveillance, stating that new subdivisions and Structure Plans are to ensure that houses adjacent to POS are to face reserves and densities surrounding POS to be maximised.	Short Term	• Strategic Planning
	3.3.2. The Housing Strategy to identify POS reserves to have increased residential densities in the immediate surrounds.	Short Term	• Strategic Planning
Provide high levels of access both within and to POS.			
4.1. To improve pedestrian access traversing through existing areas of POS.	4.1.1. A Project specific brief for the improvement of pedestrian access through low grade POS sites where access has been identified as poor, should be prepared and undertaken. POS of a Neighbourhood level and above are to be prioritised. Pathways are to be constructed to a standard that allows for wheelchair access.	Medium Term	• Assets
4.2. To improve pedestrian and cycling access to and from POS.	4.2.1. A project specific brief for the identification of locations for pedestrian and/or shared access pathways to and from POS, and linking with residential areas and activity centres to be prepared and undertaken. POS of a Neighbourhood level and above to be prioritised. Link to Action 3.2.1 and 4.1.1.	Short Term	<ul style="list-style-type: none"> • Assets • Strategic Planning
4.3. To improve public transport access to and from POS.	4.3.1. To liaise with the Public Transport Authority on improving and adding bus routes which link residential areas and activity centres to POS of a Neighbourhood Level and above.	Medium Term	• Strategic Planning
Provide the community with health, recreational, organised sport and social opportunities.			
5.1. Acquisition of POS via subdivision and generally funded through Development Contribution Plans.	5.1.1. The City to acquire areas of POS through the subdivision process in accordance with any relevant Development Contribution Plan, Structure Plan, Outline Development Plan and/or any endorsed POS Strategy Plans.	Ongoing	• Strategic Planning

Objective

Strategic Direction	Action	Priority	Responsibility
Provide the community with health, recreational, organised sport and social opportunities.			
5.1. Acquisition of POS via subdivision and generally funded through Development Contribution Plans (cont).	5.1.2. Acquisition of POS through subdivision is to have due regard to ensuring the land meets accessibility and functionality requirements. Ensure the provision of POS through subdivision and Development Contribution Plans addresses POS deficiencies identified in the Strategy with a particular focus on sports space in High Wycombe and Wattle Grove. It is noted that not all the sports space requirements will be achievable through the future subdivision of Wattle Grove South and Forrestfield North urban growth areas.	Ongoing. The acquisition of sports space to utilise the timeline schedule in Section 4.3 Observations (Sports Space) as a guideline.	<ul style="list-style-type: none"> • Strategic Planning • Community Development
5.2. The City is to investigate opportunities to acquire strategically important sites for POS. The acquisitions may include; crown land, land required for POS within an approved statutory framework, or privately owned single lots adjacent to existing POS.	5.2.1. Utilising funds raised through the transfer process and funds collected through cash-in-lieu, the City needs to consider strategic acquisitions for sports space. It is noted that not all the sports space requirements will be achievable through the future subdivision of Wattle Grove South and Forrestfield North urban growth areas. The acquisition of sports space to utilise the timeline schedule in Section 4.6 Observations (Sports Space) as a guideline.	As per Community Facilities Plan. Master Plans reviewed every 10 years.	<ul style="list-style-type: none"> • Community Development
5.3. The City to develop master plans for Neighbourhood, District and Regional Level reserves identified in this Strategy and Community Facilities Plan as funding and resources allow.	5.3.1. Utilising this Strategy as an overarching authority, master plans for all District and Regional level POS reserves are to be prepared. Master planning to occur for Neighbourhood level reserves identified in the Community Facilities Plan 2011 or rated a C or D in this Strategy. Neighbourhood level reserves not identified for master planning to be reviewed as part of the Community Facilities Plan 2018 and Strategy review. Master plans to be reviewed periodically every 10 years. It is noted that a master plan has already been completed for Hartfield Park 2011 and Ray Owen Reserve 2015, and commenced for Stirk Park and Maida Vale Recreation Reserve. Scott Reserve have been identified for master planning in the Kalamunda Achieving Corporate Business Plan 2017-2023 and Community Facilities Plan 2011.	As per Community Facilities Plan. Master Plans reviewed every 10 years.	Community Development

Objective			
Strategic Direction	Action	Priority	Responsibility
Provide the community with health, recreational, organised sport and social opportunities.			
5.3. The City to develop master plans for Neighbourhood, District and Regional Level reserves identified in this Strategy and Community Facilities Plan as funding and resources allow (cont).	5.3.2. Community Facilities Plan 2018 to review Community Facilities Plan 2011 and align with Action 5.3.1.	Short Term	• Community Development
	5.3.3. Any Master Planning to consider implementation of synthetic turf.	To be considered at master planning stage	• Community Development
	5.3.4. Any Master Planning / Community Facilities Plan in the Foothills to consider incorporating a swimming pool / aquatic centre. In particular a review of the Hartfield Park Master Plan as the most appropriate location subject to appropriate funding.	To be considered at master planning stage	• Community Development
5.4. Identify opportunities to create formal and attractive key strategic links between POS and Regional Reserves and popular destinations and links.	5.4.1. A project specific brief is to be prepared to create attractive, formal and easily identifiable and traversable links between Stirk Park and the following key strategic destinations and links: <ul style="list-style-type: none"> • Zig Zag • Bibbulmun Track • Old Railway Heritage Trail • Kalamunda District Activity Centre It is noted that work has already been completed to link the Kalamunda Activity Centre with the Bibbulmun Track. The Kalamunda Activity Centre Plan which work has already commenced, to investigate opportunities for linking all the sites.	Short Term	• Strategic Planning

6.0 Suburb Maps

Attached as Appendix 6-9 are suburb maps illustrating the City's POS reserves. There are three different maps for each suburb which outline different features. The maps are as follows:

- Rating (Appendix 6)
- Classification (Appendix 7)
- Function (Appendix 8)
- Catchments (Appendix 9)

7.0 Review

The Strategy will be required to be reviewed periodically as required and at least every 5 years as a minimum. It is recommended that the base assessment methodology remains unchanged during periodic review to retain the integrity of the existing Strategy.

The City shall support the continual improvement to POS policy (both state and local), strategic partnerships, and operational activities and procedures. In doing so, this will enable the City to deliver efficient and effective POS outcomes.

8.0 Implementation

The Strategy is a long term plan which outlines the future recommendations for POS within the City. Despite a great level of attention to detail to assess the future POS requirements in a holistic manner the City understands that with a lengthy implementation timeframe, situations and circumstances will change.

The development component of implementation of the Strategy will be contingent on the successful transfer of unsuitable POS. This factor contributes towards uncertainty in the overall implementation of the Strategy, particularly regarding financial viability, establishment of timeframes and community perception.

Within the Implementation phase of the Strategy, the City will prioritise the Strategy's recommendations based on available resources, funding and Council priorities.

Disclaimer

The City of Kalamunda's Public Open Space Strategy (Strategy) has been developed for the purpose of being a 'point-in-time' guiding document with respect to, amongst other things, the community's recreation, sporting, conservation and environmental management requirements.

Without limiting the purpose of the Strategy, the City does not represent, warrant, undertake or guarantee that the contents of this Strategy will lead to any particular outcome or result and the City reserves its rights to amend, vary or remove any and/or all of the contents of this Strategy, at its sole discretion, from time to time.

All sites contained within this Strategy are subject to further investigation by the City and any future use, direction, acquisition, transfer or development will be subject to consideration by Council, and/or the Minister for Lands, and/or the Department of Planning.

The City shall not be liable for any losses that may result from any third parties' use or reliance on this document. Without limitation such losses shall include, but not be limited to, loss of profits, income, revenue, anticipated savings, contract expectation, commercial opportunities or goodwill.

The City shall not be liable for any reliance that any person, organisation, corporation, government authority, department, or entity of any kind, may place on the contents of this Strategy and the City does not guarantee the accuracy of the information contained herein.

The Strategy is based on City officer interpretation and the best information available to the City's officers at the point in time of the Strategy's formulation.

APPENDIX 1: GLOSSARY

Key Terms

Term	Description
Classification	The category which a reserve is identified.
No Classification	A reserve that does not appropriately fit into any classification.
Function	The primary use and expected activities occurring at a reserve.
Functional	A reserve that is practical and useful for the functions identified at the reserve.
No Function	Spaces that are not practical or useful for recreation, sports and nature spaces.
Significant Tree	Any single or multi-stemmed vegetation, measured at 1m above natural ground level, with a minimum trunk diameter of 300mm or greater, or a multiple stems with a diameter of 150mm or greater. Does not include species on an applicable weed register. If the definition is different in the Local Planning Scheme, the Scheme definition is to be used.
Advanced Tree	Means a tree of mature age and height. An advanced tree to be planted on POS is to be a minimum 90L pot size or greater. If the definition is different in the Local Planning Scheme, the Scheme definition is to be used.
Potential Transfer	The possible change in use of reserve or portion of a reserve to a different use other than public open space, subject to the requirements outlined in Section 1.6.2

Term	Purpose and Function	Access	Typical Size
Biodiversity Asset	Local reserves zoned as Local Open Space under LPS3 that have been identified by the Strategy for environmental protection purposes. Reserves serve primarily a nature space purpose. Either all or the majority of the reserve will be covered by native vegetation. When another function occurs it will have a very minimal footprint on the reserve. Such uses with a minimal footprint include pathways (sealed or unsealed) to allow for bush walking, dog walking or running. Reserves are not identified as Bush Forever or zoned Parks & Recreation under the MRS.	Access is usually limited or non-existent to allow for environmental protection. Access will usually be an unsealed path.	Size is variable, however as large reserves are captured as ROS under the MRS (Parks & Recreation), Biodiversity Asset reserves are typically less than 4ha.

Classification Framework for POS (Department of Sport and Recreation 2012)

Term	Purpose and Function	Access	Typical Size
Local Open Space (LOS)	LOS is usually small parklands that service the recreation needs of the immediate residential population. LOS is primarily used for recreation and may include small areas of nature space. LOS is unlikely to be used for any formal or informal sport.	Within 400 metres or 5 minute walk.	0.4ha to 1ha.
Neighbourhood Open Space (NOS)	NOS serves as the recreational and social focus of a community. Residents are attracted by the variety of features and facilities and opportunities to socialise. NOS can assist to engender sense of place and protect specific conservation values through retention of nature spaces. NOS may be used for junior sport or sports training if appropriate space is available.	Within 800 metres or 10 minute walk.	1ha to 5ha.
District Open Space (DOS)	DOS is principally designed to provide for organised formal sport. DOS will very likely include substantial recreation space and some nature space. DOS design and function should consider biodiversity principles and environmental management goals. DOS serves several neighbourhoods with players and visitors travelling from surrounding districts.	Within 2 kilometre or 5 minute drive.	5ha to 15+ha.
Regional Open Space (ROS) *Refer to POS Evaluation description of term for the purpose of POS Evaluation.	ROS may accommodate important recreation and organised sport spaces as well as significant conservation and/or environmental features. ROS may provide substantial facilities for organised sport, play, social interaction, relaxation and enjoyment of nature. ROS can assist to protect biodiversity conservation and environmental values through retention of bushland, wetlands and other natural features.	ROS serves one or more geographical or social regions and is likely to attract visitors from outside any one local government area. Users not living within close proximity will use either private vehicles or public transport systems.	Size is variable and dependant on function. When sporting space is identified as a necessary regional function, allocations for playing fields and sports facilities should be 20+ha in area.

Classification Framework for POS (Department of Sport and Recreation 2012)

Term	Purpose	Description
Recreation Spaces	Recreation spaces provide a setting for informal play and physical activity, relaxation and social interaction.	Recreation spaces enhance physical and mental health through activity that provides relaxation, amusement or stimulation. Recreation spaces can be accessed by all to play, socialise, exercise, celebrate or participate in other activities that provide personal satisfaction or intrinsic reward. Recreation spaces include gardens and open parklands, community gardens, corridor links, amenity spaces, community use facilities, civic commons or squares.
Sport Spaces	Sport spaces provide a setting for formal structured sporting activities.	Sport spaces provide a venue for formal structured sporting activities such as team competitions, physical skill development and training. Sport spaces are designed to accommodate playing surface, buffer zones and infrastructure requirements of specific or general sporting activity. Players and spectators attend with the express purpose of engaging in organised sporting activity, training or competition or watching the game. Most sport spaces can also be accessed by community members for informal sport and recreation.
Nature Spaces	Nature spaces provide a setting where people can enjoy nearby nature and protect local biodiversity and natural area values.	Nature spaces provide opportunity for low-impact recreational activities, such as walking, cycling, picnicking, playing, watching or exploring natural features. Nature spaces may include bushland, coastal areas, wetlands and riparian habitats, and geological and natural features. Sites are managed to enable recreational access while protecting local ecological and biodiversity values.

POS Evaluation

Term	Description
Public Purpose Reserves	A deduction as part of the POS calculation. Public Purpose Reserves include the following land uses: <ul style="list-style-type: none"> Religious Purpose Library Hospital Police Station Fire Station Prison University Technical School Special Uses (Public Purpose) Water Authority Commonwealth Government Council Administration and Chambers
Land not identified as Urban by the MRS	A deduction as part of the POS calculation. Land not identified as urban by the MRS includes the following land uses: <ul style="list-style-type: none"> Industrial Special Industrial Rural Civic and Cultural

POS Evaluation

Term	Description
Any additional land uses not identified as Residential or Local Open Space by the LPS3	<p>A deduction as part of the POS calculation. Any additional land uses not identified as Residential or Local Open Space by the LPS3 include the following land uses:</p> <ul style="list-style-type: none"> • Private Clubs and Institutions • Special Use • Service Station • General Industry • Light Industry • Industrial Development • Rural Agriculture • Rural Composite • Rural Conservation • Rural Landscape Interest • Special Rural
Regional Open Space	Land zoned as Parks & Recreation under the MRS.
Conservation Areas	Land identified for the purpose of conservation under LPS3 and Bush Forever sites.
Calculated Area or Subdivisible Area	The total area of land zoned Urban by the Metropolitan Regional Scheme (MRS) and any additional land identified as Residential R5 or above by LPS3 within a suburb. All other zones outside the boundaries of the urban area are not included.
Gross Calculated Area or Gross Subdivisible Area	The total calculated area or subdivisible area of a suburb less deductions (as identified in section 6.0).
Total Sports Reserve Area Required	6.5m ² per resident for playing space plus 9.2m ² per resident for the 'buffer' which equates to 15.7m ² per resident total sports reserve area required.
Sports Playing Space	The turfed or synthetic space of a sports ground utilised for sports competition.
Sports Buffer	The area of a sports ground used for car parking, spectator areas, club rooms and passive open space. Does not include conservation areas, stormwater management and seasonally wet areas.

Assessment Matrix

Term	Description
Number of uses catered for	<p>One of the categories assessed in the assessment matrix (See Appendix 11). The following can be counted as a use:</p> <ul style="list-style-type: none"> • Organised Team Sport (sports may include AFL, cricket, rugby, soccer, hockey etc.) – 1 count for each sport. • Organised Hard-court Sport (sports may include tennis, basketball, netball etc.) – 1 count for each sport. • Casual Play (activities such as kick to kick, throwing a ball between 2 or more participants etc.) – Requires adequate mowed grassed area to be counted. • Casual Hard-court Play (activities include basketball, tennis, netball etc.) – Requires a flat paved/concrete hard-court with the appropriate infrastructure for the activity. • BMX – Must have usable BMX track infrastructure. • Skate Park – Must have the appropriate skate park infrastructure. • Mountain Biking – Must be officially identified as a reserve utilised for mountain biking. • Casual Recreation (activities such as running, cycling and walking) – Requires a pathway traversing through the site or a significantly sized mowed lawn area (such as a sports oval). • Casual Gym – Must have usable gym equipment. • Dog Walking – Must have signage stating dogs are permitted. • Playground – Must have at least one usable playground on site. • Picnic – Must have at least one usable picnic bench. • Nature – Must have a significant amount of healthy natural vegetation that can support an ecological community. <p>Only organised team sport and organised hard-court sport can be counted more than once given they are different sports being counted and not multiples of the same sport.</p>

APPENDIX 2: POPULATION

	Forecast 2018 pop.	Forecast 2036 pop.	Change 2018-36	Change 2018-36 Percentage	Land Area (ha)	Forecast Population Density 2018 (persons per hectare)	Forecast Population Density 2036 (persons per hectare)
City of Kalamunda	60,739	76,179	+15,440	25.42%	32,436	1.87	2.35
Hills	23,009	25,274	+2,265	9.84%	27,950	0.82	0.90
Kalamunda	7,517	8,969	+1452	19.31%	1,064	7.06	8.43
Lesmurdie	8,605	8,694	+89	1.03%	1,365	6.30	6.37
Gooseberry Hill	3,467	3,620	+153	4.41%	895	3.87	4.04
Rural East-Walliston	3,420	3,991	+571	16.69%	24,626	0.14	0.16
Foothills	37,730	50,905	+13,175	34.92%	4,485	8.41	11.35
Wattle Grove	6,586	7,229	+643	9.77%	867	7.60	8.34
Forrestfield	13,614	17,079	+3465	25.45%	1702 (+30ha in Forrestfield North)	7.99	10.03
Forrestfield North DSP	310	6,613	+6,303	2033.86%	264	1.17	25.05
High Wycombe	12,563	13,936	+1,373	10.92%	811 (+234ha in Forrestfield North)	15.49	17.18
Maida Vale	4,657	6,048	+1,391	29.88%	841	5.54	7.19

APPENDIX 3: DWELLINGS

Location	Forecast change in dwellings between 2016-2036	
City of Kalamunda	+6988	+31.97%
Hills	+958	+11.48%
Kalamunda	+556	+19.07%
Lesmurdie	+ 151	+ 5.15
Gooseberry Hill	+ 54	+4.08%
Rural East - Walliston	+197	+16.82%
Foothills	+6030	+44.61%
Wattle Grove	+546	+28.8%
Forrestfield	+1728	+33.22%
Forrestfield North DSP	+2124	+1913.51%
High Wycombe	+983	+21.17
Maida Vale	+649	+39%

APPENDIX 4: PUBLIC OPEN SPACE CALCULATIONS

Forrestfield	Area Hectares
Suburb Total Area	1702
Total Calculated Area	876.22
Deductions	
Schools	28.17
Town Centres and Commercial	31.89
Drainage Reserves and Water Supply Purposes	1.14
Transmission Corridors	19.37
Regional Open Space and Environment Protection Areas	187.62
Other Land Uses	43.70
Regional Roads	0
Total Deductions	-311.89
Gross Area	564.23
Total POS	62.77
POS Percentage	11.12%

Gooseberry Hill	Area Hectares
Suburb Total Area	895
Total Calculated Area	379.94
Deductions	
Schools	7.83
Town Centres and Commercial	0.33
Drainage Reserves and Water Supply Purposes	0.50
Transmission Corridors	
Regional Open Space and Environment Protection Areas	11.24
Other Land Uses	10.76
Regional Roads	0
Total Deductions	-30.66
Gross Area	349.27
Total POS	8.36
POS Percentage	2.39%

APPENDIX 4: PUBLIC OPEN SPACE CALCULATIONS

High Wycombe	Area Hectares
Suburb Total Area	811
Total Calculated Area	592.75
Deductions	
Schools	10.62
Town Centres and Commercial	13.28
Drainage Reserves and Water Supply Purposes	5.43
Transmission Corridors	0
Regional Open Space and Environment Protection Areas	10.40
Other Land Uses	70.14
Regional Roads	5.65
Total Deductions	-115.53
Gross Area	477.22
Total POS	41.40
POS Percentage	8.68%

Kalamunda	Area Hectares
Suburb Total Area	1064
Total Calculated Area	747.54
Deductions	
Schools	14.29
Town Centres and Commercial	29.43
Drainage Reserves and Water Supply Purposes	0.58
Transmission Corridors	0
Regional Open Space and Environment Protection Areas	40.59
Other Land Uses	27.58
Regional Roads	13.56
Total Deductions	-126.02
Gross Area	621.52
Total POS	36.07
POS Percentage	5.80%

APPENDIX 4: PUBLIC OPEN SPACE CALCULATIONS

Lesmurdie	Area Hectares
Suburb Total Area	1365
Total Calculated Area	742.86
Deductions	
Schools	44.44
Town Centres and Commercial	3.17
Drainage Reserves and Water Supply Purposes	0.31
Transmission Corridors	
Regional Open Space and Environment Protection Areas	14.09
Other Land Uses	10.83
Regional Roads	0
Total Deductions	-72.85
Gross Area	670.01
Total POS	40.69
POS Percentage	6.07%

Maida Vale	Area Hectares
Suburb Total Area	841
Total Calculated Area	269.56
Deductions	
Schools	4.15
Town Centres and Commercial	1.90
Drainage Reserves and Water Supply Purposes	0.61
Transmission Corridors	5.62
Regional Open Space and Environment Protection Areas	36.94
Other Land Uses	1.78
Regional Roads	6.30
Total Deductions	-57.30
Gross Area	212.26
Total POS	19.27
POS Percentage	9.08%

APPENDIX 4: PUBLIC OPEN SPACE CALCULATIONS

Rural East-Walliston	Area Hectares
Total Area	24,626
Bickley	
Total Calculated Area	30.37
Total Deductions	-0.80
Gross Area	29.56
Total POS	1.87
POS Percentage	6.33%
Carmel	
Total Calculated Area	16.99
Total Deductions	-0.30
Gross Area	16.69
Total POS	0
POS Percentage	0.00%
Walliston	
Total Calculated Area	91.19
Total Deductions	-27.60
Gross Area	63.59
Total POS	2.74
POS Percentage	4.31%

Wattle Grove	Area Hectares
Suburb Total Area	867
Total Calculated Area	232.90
Deductions	
Schools	4.03
Town Centres and Commercial	15.86
Drainage Reserves and Water Supply Purposes	1.63
Transmission Corridors	0
Regional Open Space and Environment Protection Areas	30.70
Other Land Uses	11.30
Regional Roads	0.30
Total Deductions	-63.83
Gross Area	169.07
Total POS	29.48
POS Percentage	17.43%

APPENDIX 4: PUBLIC OPEN SPACE CALCULATIONS

City of Kalamunda	Area Hectares
Gross Area	3173.42
Total POS	242.65
POS Percentage	7.65%
Hills	
Gross Area	1750.64
Total POS	89.73
POS Percentage	5.13%
Foothills	
Gross Area	1422.78
Total POS	152.92
POS Percentage	10.75%

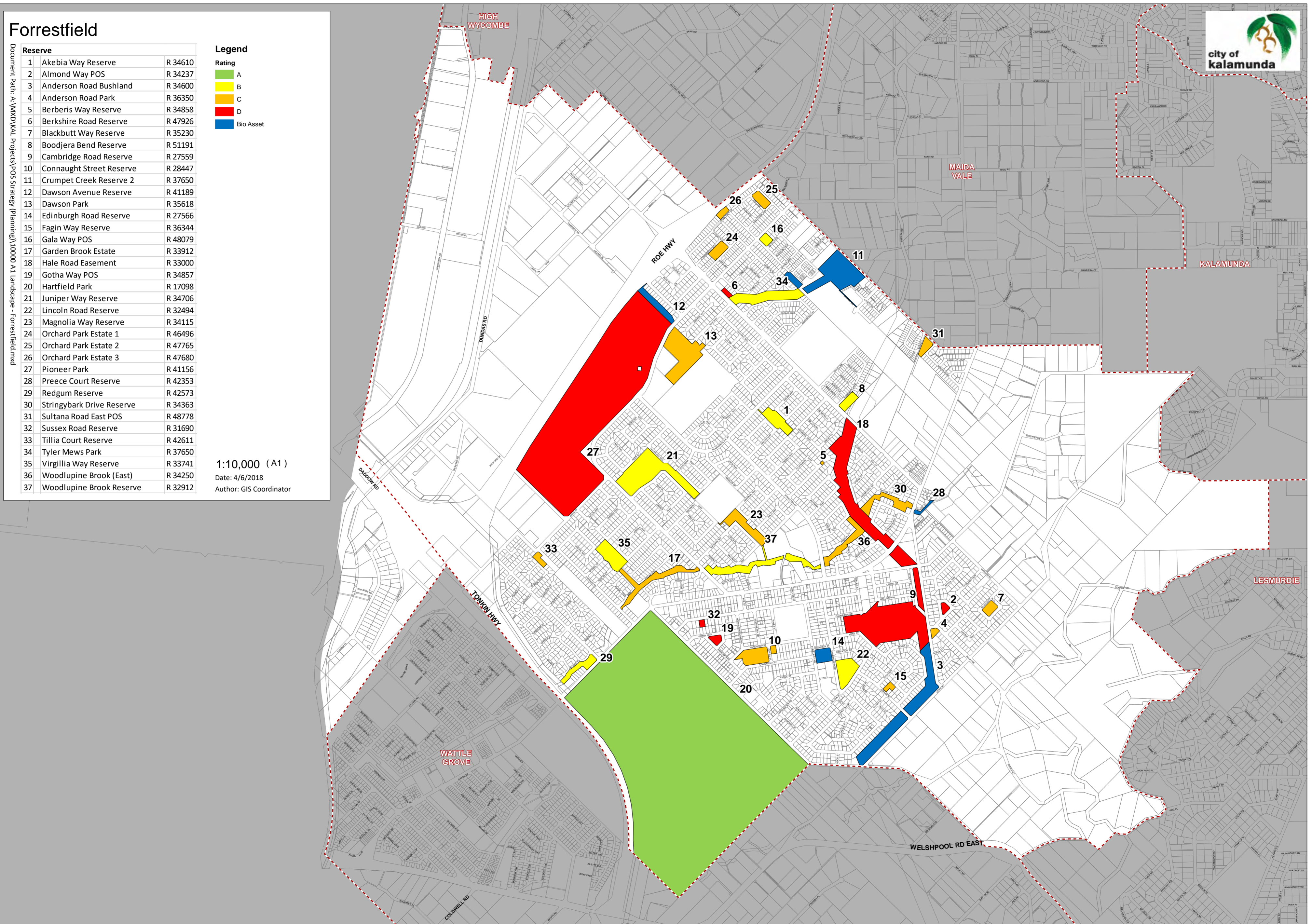
APPENDIX 5: SPORTS SPACE REQUIREMENTS

*Calculations are approximate and to be used as a guide.

Sports Reserve Area = Playing Space + Buffer (Includes spectator space, club rooms, car parking and passive open space.
Excludes conservation areas)

Suburb/Area	Reserve/s	Total Sports Reserve Area (Hectares)	Total Sports Reserve Area Required 2018 (Hectares)	Surplus + / Deficit - 2018	Total Sports Reserve Area Required 2036 (Hectares)	Surplus + / Deficit - 2036
Forrestfield	Hartfield Park	35	21.37	+ 13.63	26.81	+ 8.19
Forrestfield North	-		0.49	- 0.49	10.38	- 10.38
Gooseberry Hill	-		5.44	- 5.44	5.68	- 5.68
High Wycombe	Scott Reserve	7.12	19.72	- 12.6	21.88	- 14.76
Kalamunda	Kostera Oval	7.70	11.80	- 4.1	14.08	- 6.38
Lesmurdie	Ray Owen Reserve	10.07	13.51	- 3.44	13.65	- 3.58
Maida Vale	Maida Vale Recreation Reserve	14.37	7.31	+ 7.06	9.50	+ 4.87
Rural-East Walliston	George Spriggs Reserve	7.52	5.37	+ 2.15	6.27	+ 1.25
Wattle Grove	-		10.34	- 10.34	11.35	- 11.35
Hills		25.29	36.12	- 10.83	39.68	- 14.39
Foothills		64.16	59.24	+ 4.92	79.92	- 15.76
City of Kalamunda		89.45	95.36	- 5.91	119.6	- 30.15

APPENDIX 6: POS RATING – MAPPING



Forreestfield

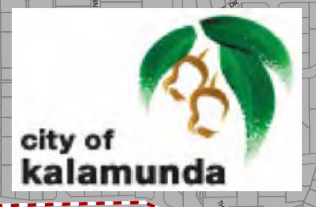
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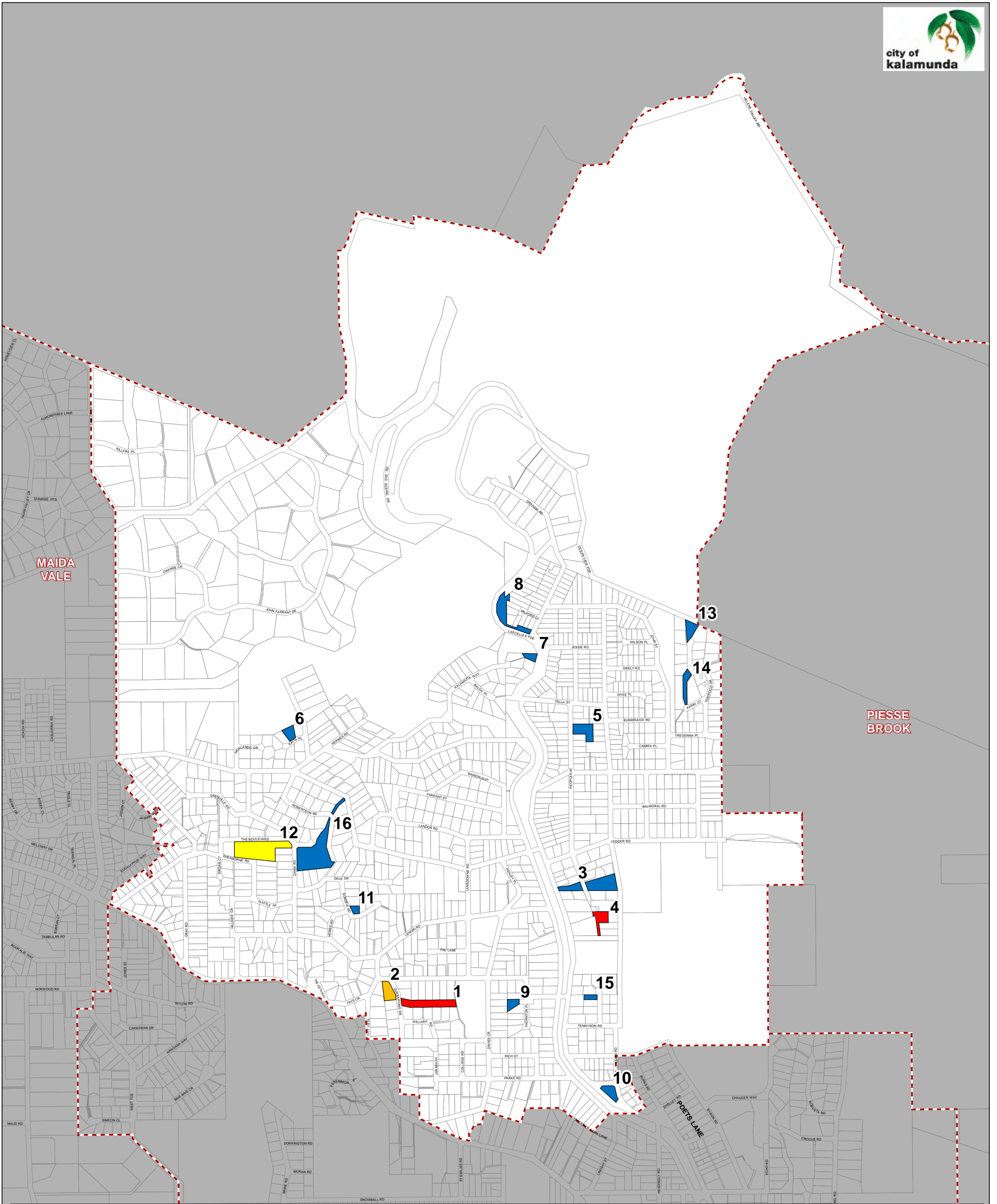
Reserve	Rating	Reserve	Rating
1 Akebia Way Reserve	R 34610	17 Garden Brook Estate	R 33912
2 Almond Way POS	R 34237	18 Hale Road Easement	R 33000
3 Anderson Road Bushland	R 34600	19 Gotha Way POS	R 34857
4 Anderson Road Park	R 36350	20 Hartfield Park	R 17098
5 Berberis Way Reserve	R 34858	21 Juniper Way Reserve	R 34706
6 Berkshire Road Reserve	R 47926	22 Lincoln Road Reserve	R 32494
7 Blackbutt Way Reserve	R 35230	23 Magnolia Way Reserve	R 34115
8 Boodjera Bend Reserve	R 51191	24 Orchard Park Estate 1	R 46496
9 Cambridge Road Reserve	R 27559	25 Orchard Park Estate 2	R 47765
10 Connaught Street Reserve	R 28447	26 Orchard Park Estate 3	R 47680
11 Crumpet Creek Reserve 2	R 37650	27 Pioneer Park	R 41156
12 Dawson Avenue Reserve	R 41189	28 Preece Court Reserve	R 42353
13 Dawson Park	R 35618	29 Redgum Reserve	R 42573
14 Edinburgh Road Reserve	R 27566	30 Stringybark Drive Reserve	R 34363
15 Fagin Way Reserve	R 36344	31 Sultana Road East POS	R 48778
16 Gala Way POS	R 48079	32 Sussex Road Reserve	R 31690
17 Garden Brook Estate	R 33912	33 Tillia Court Reserve	R 42611
18 Hale Road Easement	R 33000	34 Tyler Mews Park	R 37650
19 Gotha Way POS	R 34857	35 Virgillia Way Reserve	R 33741
20 Hartfield Park	R 17098	36 Woodlupine Brook (East)	R 34250
21 Juniper Way Reserve	R 34706	37 Woodlupine Brook Reserve	R 32912
22 Lincoln Road Reserve	R 32494		
23 Magnolia Way Reserve	R 34115		
24 Orchard Park Estate 1	R 46496		
25 Orchard Park Estate 2	R 47765		
26 Orchard Park Estate 3	R 47680		
27 Pioneer Park	R 41156		
28 Preece Court Reserve	R 42353		
29 Redgum Reserve	R 42573		
30 Stringybark Drive Reserve	R 34363		
31 Sultana Road East POS	R 48778		
32 Sussex Road Reserve	R 31690		
33 Tillia Court Reserve	R 42611		
34 Tyler Mews Park	R 37650		
35 Virgillia Way Reserve	R 33741		
36 Woodlupine Brook (East)	R 34250		
37 Woodlupine Brook Reserve	R 32912		

Legend

- Rating
- A (Green)
- B (Yellow)
- C (Orange)
- D (Red)
- Bio Asset (Blue)

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Date: 4/6/2018
Author: GIS Coordinator





Gooseberry Hill

Reserve					
1	Currawong Drive Reserve	R 33236	9	Noel Road Reserve	R 30970
2	Currawong POS	R 33235	10	Old Railway Reserve	R 27799
3	Huntley Street Reserve	R 27899	11	Sundew Road Reserve	R 28430
4	Huntley Street Reserve South	R 29403	12	The Boulevard Reserve	R 27946
5	Kardina Park	R 37452	13	Torwood Drive Reserve 1	R 39629
6	Katta Place Reserve	R 38964	14	Torwood Drive Reserve 2	R 39629
7	Lascelles Parade Reserve 1	R 31594	15	Wordsworth Reserve	R 27721
8	Lascelles Parade Reserve 2	R 36372	16	Zamia Road Reserve	R 27589

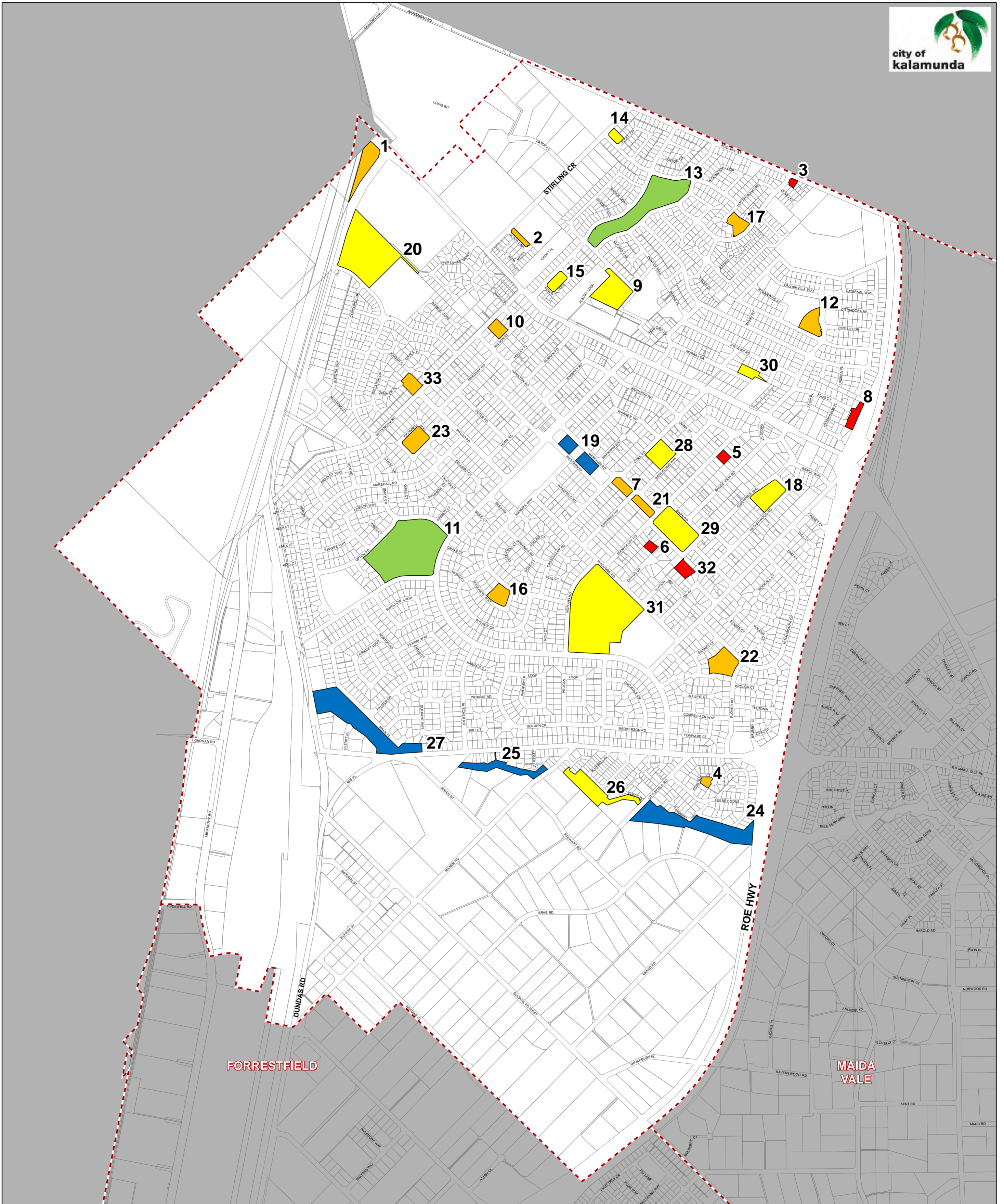
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Rating	
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■	Bio Asset

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APPENDIX 6: POS RATING – MAPPING



High Wycombe

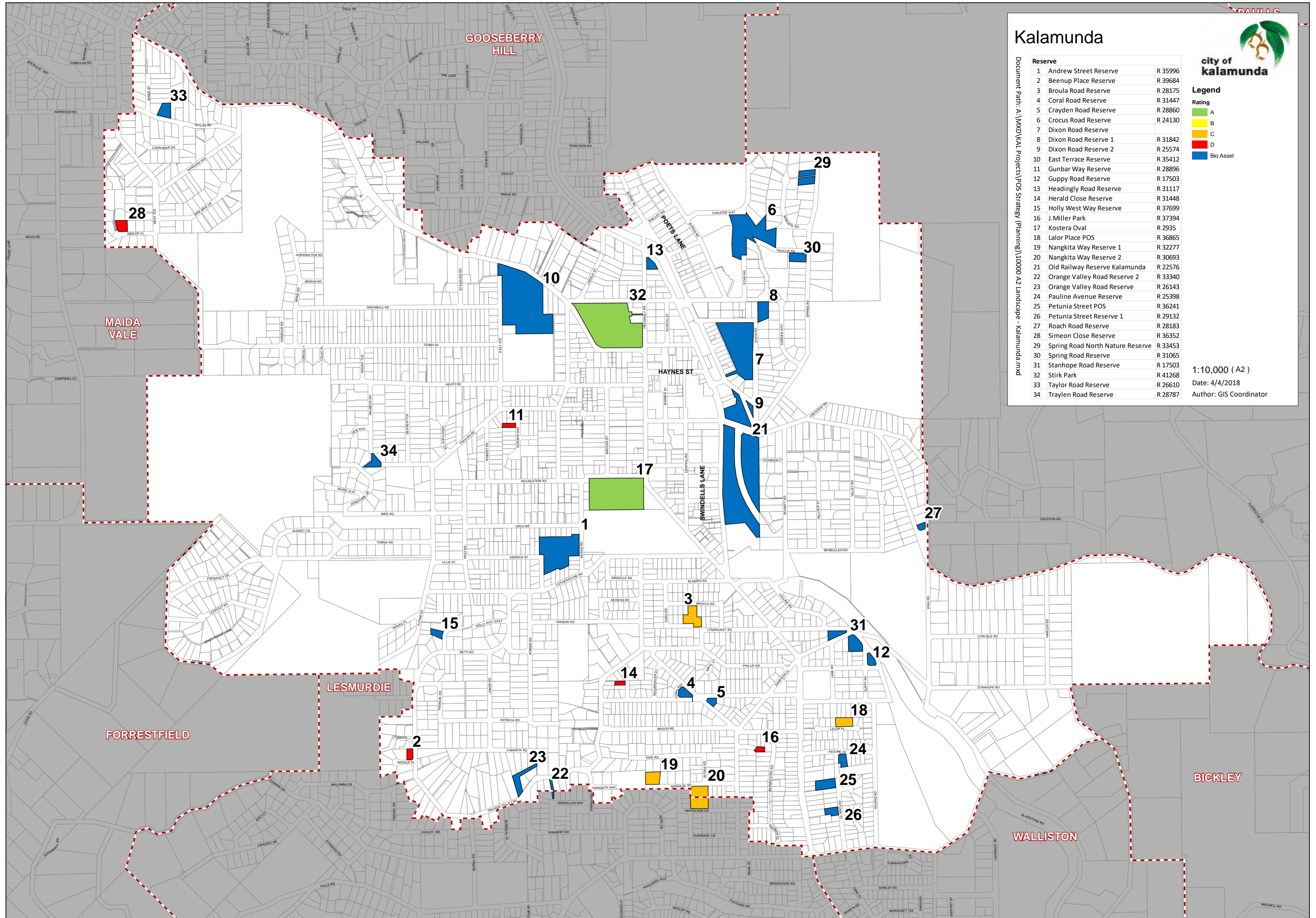
Reserve			
1	Abernethy Road Reserve		
2	Acton Link Reserve	R 51238	
3	Adelaide Street Reserve		
4	Agraulia Court Park	R 50010	
5	Bandalong Way Reserve	R 30540	
6	Citrus Grove Reserve	R 28491	
7	Cyril Road Reserve	R 33977	
8	Ellis Court POS	R 40352	
9	Elmore Way Park	R 47766	
10	Emms Reserve	R 27815	
11	Fleming Reserve	R 39218	
12	Gladys Newton Park	R 47320	
13	Jacaranda Springs Estate 1	R 47570	
14	Jacaranda Springs Estate 2	R 46991	
15	Jacaranda Springs Estate 3	R 46997	
16	John McLarty Park	R 41731	
17	Larwood Crescent POS	R 48863	
18	Mackenzie Park	R 29104	
19	Markham Road Reserve	R 26063	
20	Ollie Worrell Reserve	R 43068	
21	Peter Annus Park	R 36287	
22	Peter Hegney Park	R 40529	
23	Pine Tree Reserve	R 42607	
24	Poison Gully Littlefield	R 36492	
25	Poison Gully Milner	R 36492	
26	Poison Gully Springvale / Bluebell Park	R 51230	
27	Poison Gully West	R 40228	
28	Progress Park	R 31571	
29	Rangeview Park	R 36297	
30	Robert Hewson Park	R 36478	
31	Scott Reserve	R 34946	
32	Swan Road Reserve	R 33221	
33	Viv Robinson Park	R 42697	

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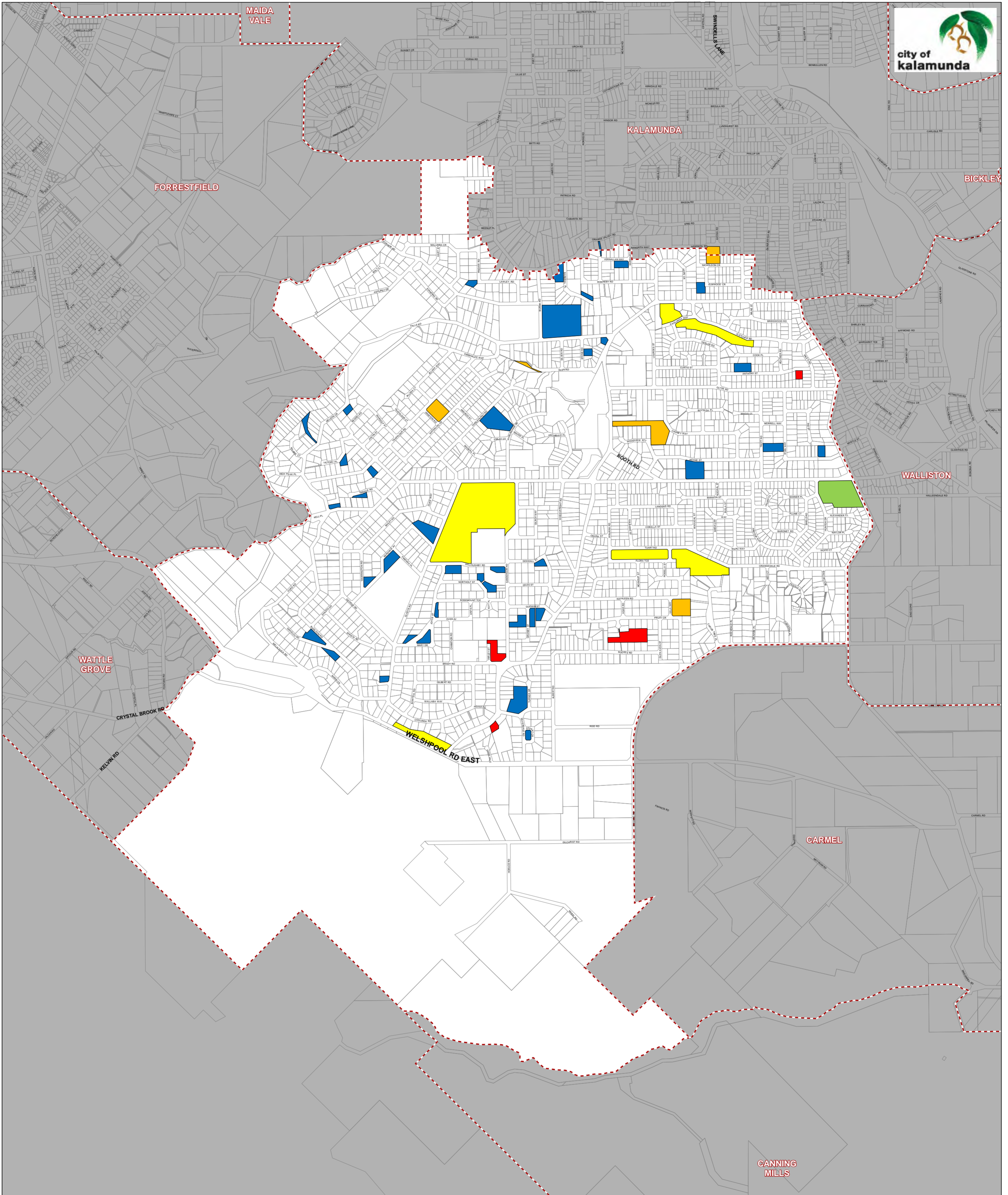
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- C
- D
- Bio Asset

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Date: 4/4/2018
Author: GIS Coordinator

APPENDIX 6: POS RATING – MAPPING



APPENDIX 6: POS RATING – MAPPING



Lesmurdie

Reserve								
1	Anthony Heslop Reserve	R 27730	13	Gladys Road Reserve	R 27817	25	Mick Conti Park	R 35468
2	Anthony Street Reserve	R 31692	14	Glen Road POS	R 29384	26	Nangkita Way Reserve 2	R 30693
3	Barbigal Place Reserve 1	R 34791	15	Godwin Street Reserve	R 28212	27	Neil Tonkin Park / Falls Farm Reserve	R 38569
4	Barbigal Place Reserve 2	R 33754	16	Goodall Street Reserve	R 33646	28	Nelson Crescent Reserve 2	R 28305
5	Basildon Reserve	R 24948	17	Hugh Sanderson Reserve	R 34183	29	Nelson Crescent Reserve	R 32713
6	Bill Shaw Reserve	R 32507	18	Joyce Street Reserve 1	R 27465	30	Northolt Street Reserve	R 29873
7	Elmwood Crescent Reserve	R 30693	19	Joyce Street Reserve 2	R 34809	31	Orange Valley Road Reserve 2	R 26143
8	Falls Road Reserve	R 29998	20	Kershaw Avenue Reserve	R 26754	32	Pagotto Park	R 26531
9	Flora Terrace Reserve	R 29757	21	Lawley Road Reserve	R 31581	33	Peter Thiel Reserve	R 34666
10	Ford Road Reserve	R 32119	22	Lesmurdie Road Reserve	R 32300	34	Ray Owen Reserve	R 26127
11	Fred Eversden Reserve	R 23383	23	Mario Court POS	R 41036	35	Ryan Way Reserve	R 29947
12	Gladys Road Reserve 2	R 34454	24	Mary Drive Reserve	R 26557	36	Sanderson Road Reserve / Pax Hill	R 29190
						37	Seaton Park	R 33760
						38	Silverdale Road Reserve	R 25189
						39	Stirkwood Estate Reserve	R 50011
						40	Stone Road Reserve	R 37395
						41	Tindale Road Reserve	R 33757
						42	Trafalgar Road Reserve	R 27570
						43	Trott Road Reserve	R 34076
						44	Turner Park	R 28624
						45	Vernallan Way Reserve	R 29107
						46	Victory Place Reserve	R 30186
						47	Willoughby Reserve	R 29873

Legend

Rating	
A	Green
B	Yellow
C	Orange
D	Red
Bio Asset	Blue

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APPENDIX 6: POS RATING – MAPPING

Maida Vale

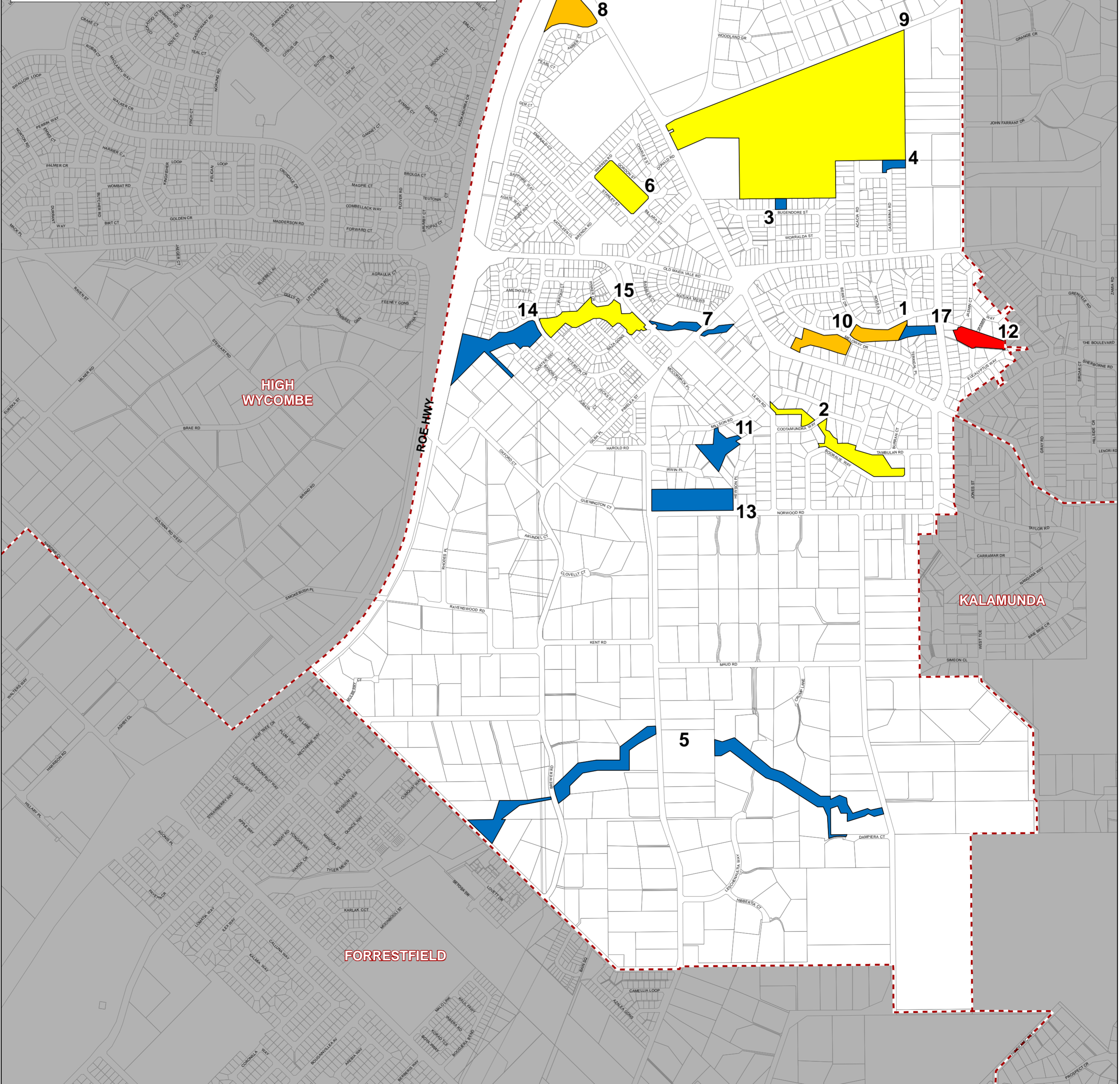
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Reserve		
1	Berry Drive Reserve	R 32230
2	Booralie Way Reserve	R 32613
3	Bugendore Street Reserve	R 38541
4	Casuarina Road Reserve	R 38489
5	Crumpet Creek Reserve 2	R 37650
6	Davies Park	R 28852
7	Hawtin Road Reserve 1	R 27792
8	Kalamunda Road Reserve	R 41480
9	Maida Vale Recreation Reserve	R 14088
10	Meloway Drive Reserve	R 32108
11	Millson Reserve	R 31954
12	Nestle Brae Creek Reserve	R 35209
13	Norwood Reserve	R 22502
14	Poison Gully Creek Reserve	R 45989
15	Poison Gully Pinker Crescent	R 48084
16	Saddleback Circle Reserve	R 38271
17	Scenic Drive Reserve	R 33433

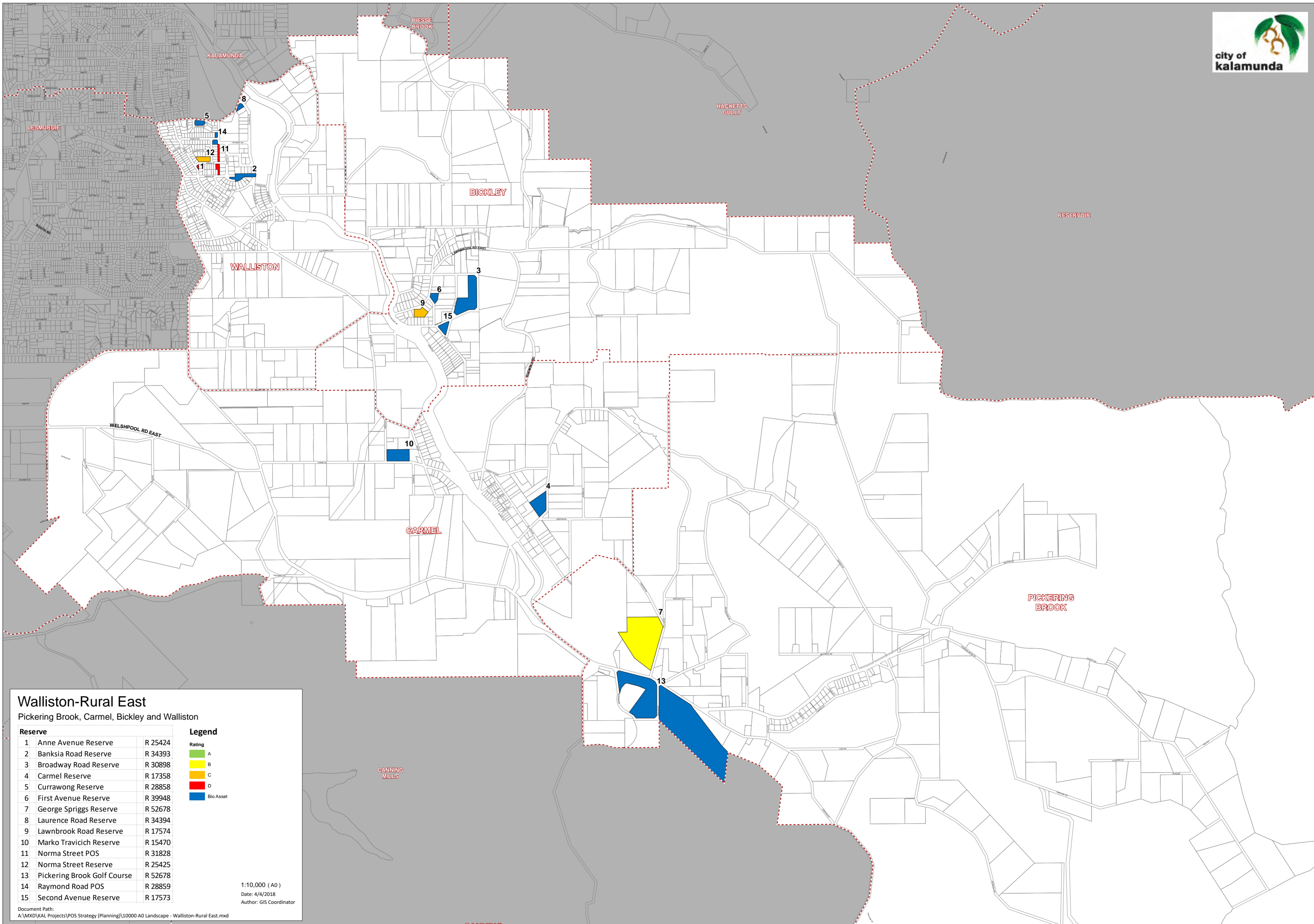
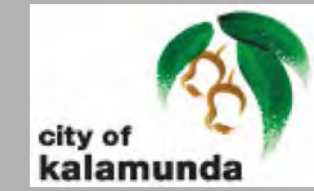
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D	Red
Bio Asset	Blue

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Date: 4/4/2018
Author: GIS Coordinator



APPENDIX 6: POS RATING – MAPPING



Walliston-Rural East
 Pickering Brook, Carmel, Bickley and Walliston

Reserve	Reserve	Reserve
1 Anne Avenue Reserve	R 25424	
2 Banksia Road Reserve	R 34393	
3 Broadway Road Reserve	R 30898	
4 Carmel Reserve	R 17358	
5 Currawong Reserve	R 28858	
6 First Avenue Reserve	R 39948	
7 George Spriggs Reserve	R 52678	
8 Laurence Road Reserve	R 34394	
9 Lawnbrook Road Reserve	R 17574	
10 Marko Travicich Reserve	R 15470	
11 Norma Street POS	R 31828	
12 Norma Street Reserve	R 25425	
13 Pickering Brook Golf Course	R 52678	
14 Raymond Road POS	R 28859	
15 Second Avenue Reserve	R 17573	

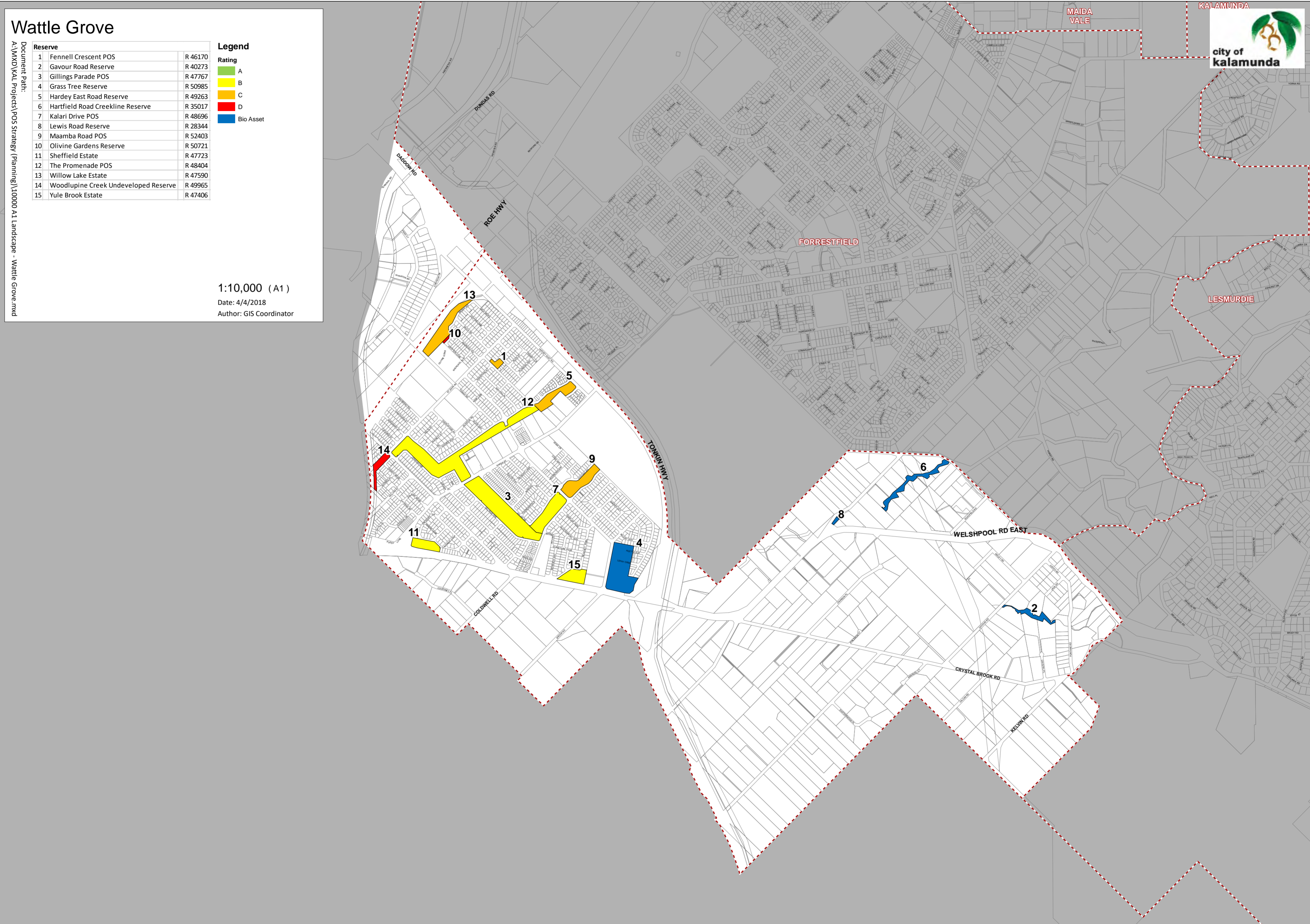
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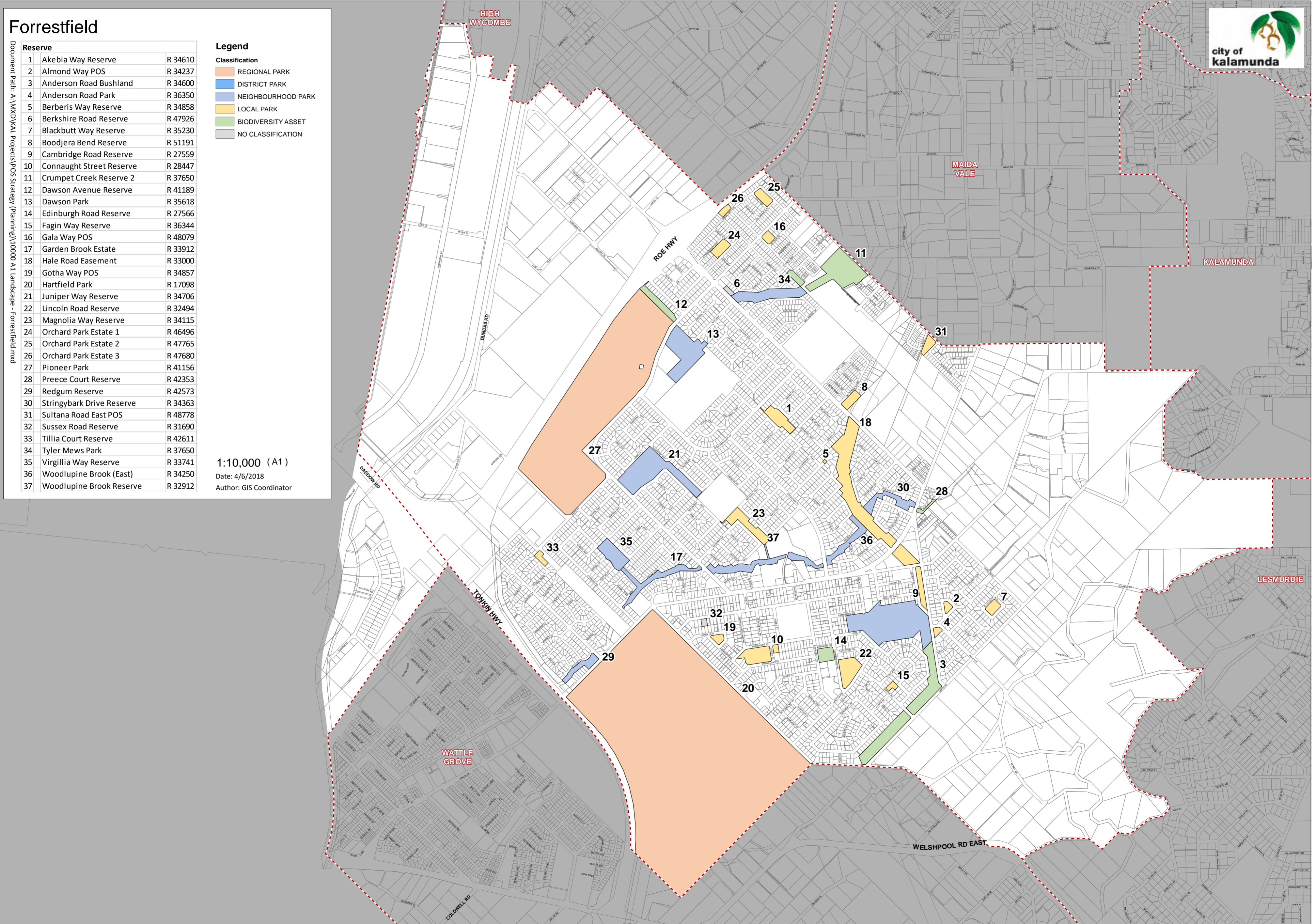
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APPENDIX 6: POS RATING – MAPPING



APPENDIX 7: POS CLASSIFICATION – MAPPING



Forrestfield

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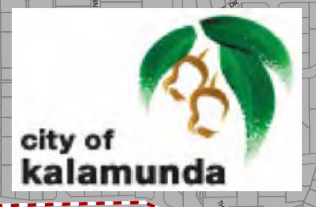
Reserve		
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2	Almond Way POS	R 34237
3	Anderson Road Bushland	R 34600
4	Anderson Road Park	R 36350
5	Berberis Way Reserve	R 34858
6	Berkshire Road Reserve	R 47926
7	Blackbutt Way Reserve	R 35230
8	Boodjera Bend Reserve	R 51191
9	Cambridge Road Reserve	R 27559
10	Connaught Street Reserve	R 28447
11	Crumpet Creek Reserve 2	R 37650
12	Dawson Avenue Reserve	R 41189
13	Dawson Park	R 35618
14	Edinburgh Road Reserve	R 27566
15	Fagin Way Reserve	R 36344
16	Gala Way POS	R 48079
17	Garden Brook Estate	R 33912
18	Hale Road Easement	R 33000
19	Gotha Way POS	R 34857
20	Hartfield Park	R 17098
21	Juniper Way Reserve	R 34706
22	Lincoln Road Reserve	R 32494
23	Magnolia Way Reserve	R 34115
24	Orchard Park Estate 1	R 46496
25	Orchard Park Estate 2	R 47765
26	Orchard Park Estate 3	R 47680
27	Pioneer Park	R 41156
28	Preece Court Reserve	R 42353
29	Redgum Reserve	R 42573
30	Stringybark Drive Reserve	R 34363
31	Sultana Road East POS	R 48778
32	Sussex Road Reserve	R 31690
33	Tillia Court Reserve	R 42611
34	Tyler Mews Park	R 37650
35	Virgillia Way Reserve	R 33741
36	Woodlupine Brook (East)	R 34250
37	Woodlupine Brook Reserve	R 32912

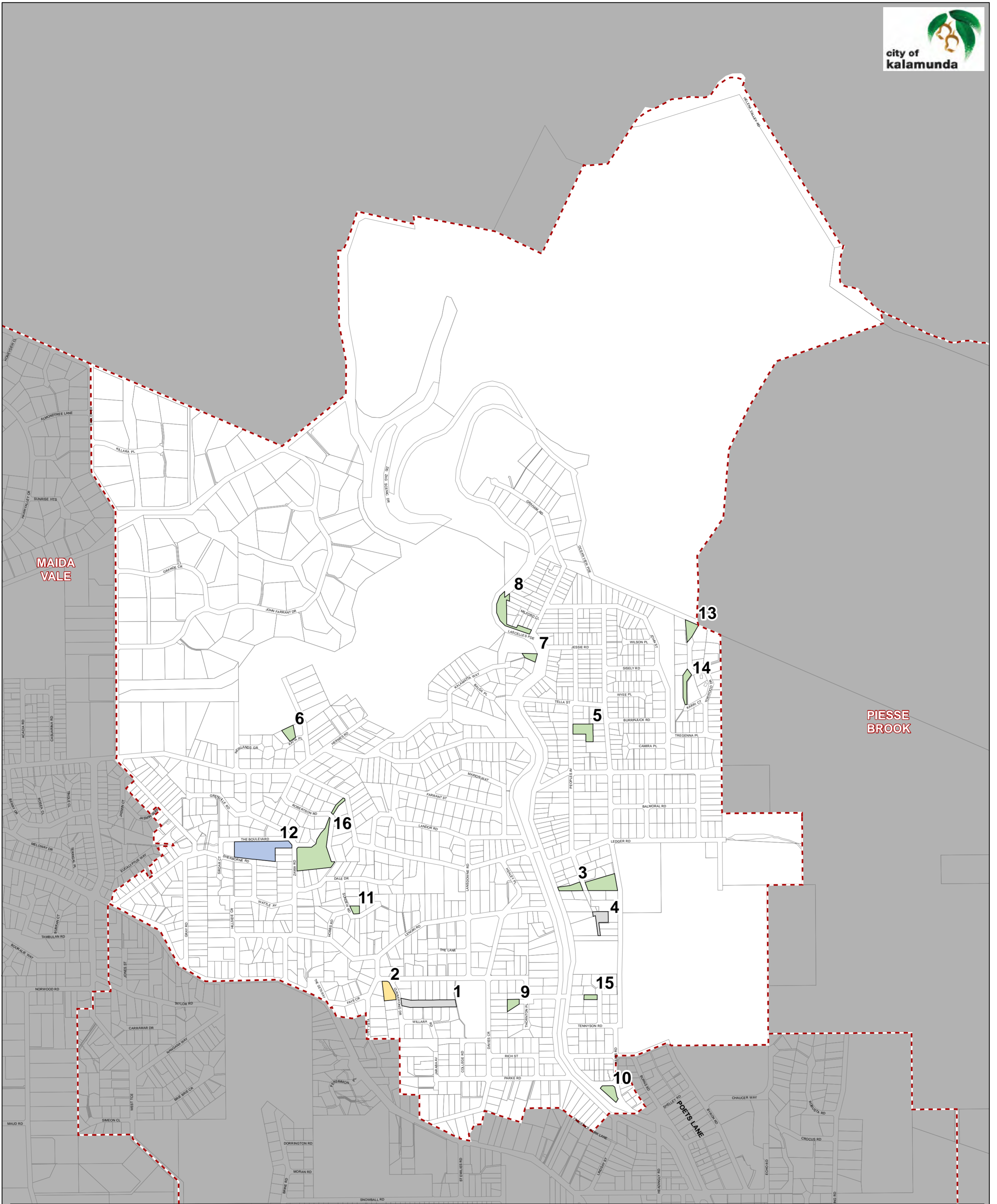
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Classification

- REGIONAL PARK
- DISTRICT PARK
- NEIGHBOURHOOD PARK
- LOCAL PARK
- BIODIVERSITY ASSET
- NO CLASSIFICATION

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Date: 4/6/2018
Author: GIS Coordinator





Gooseberry Hill

Reserve					
1	Currawong Drive Reserve	R 33236	9	Noel Road Reserve	R 30970
2	Currawong POS	R 33235	10	Old Railway Reserve	R 27799
3	Huntley Street Reserve	R 27899	11	Sundew Road Reserve	R 28430
4	Huntley Street Reserve South	R 29403	12	The Boulevard Reserve	R 27946
5	Kardina Park	R 37452	13	Torwood Drive Reserve 1	R 39629
6	Katta Place Reserve	R 38964	14	Torwood Drive Reserve 2	R 39629
7	Lascelles Parade Reserve 1	R 31594	15	Wordsworth Reserve	R 27721
8	Lascelles Parade Reserve 2	R 36372	16	Zamia Road Reserve	R 27589

Legend

Classification	
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	DISTRICT PARK
	NEIGHBOURHOOD PARK
	LOCAL PARK
	BIODIVERSITY ASSET
	NO CLASSIFICATION

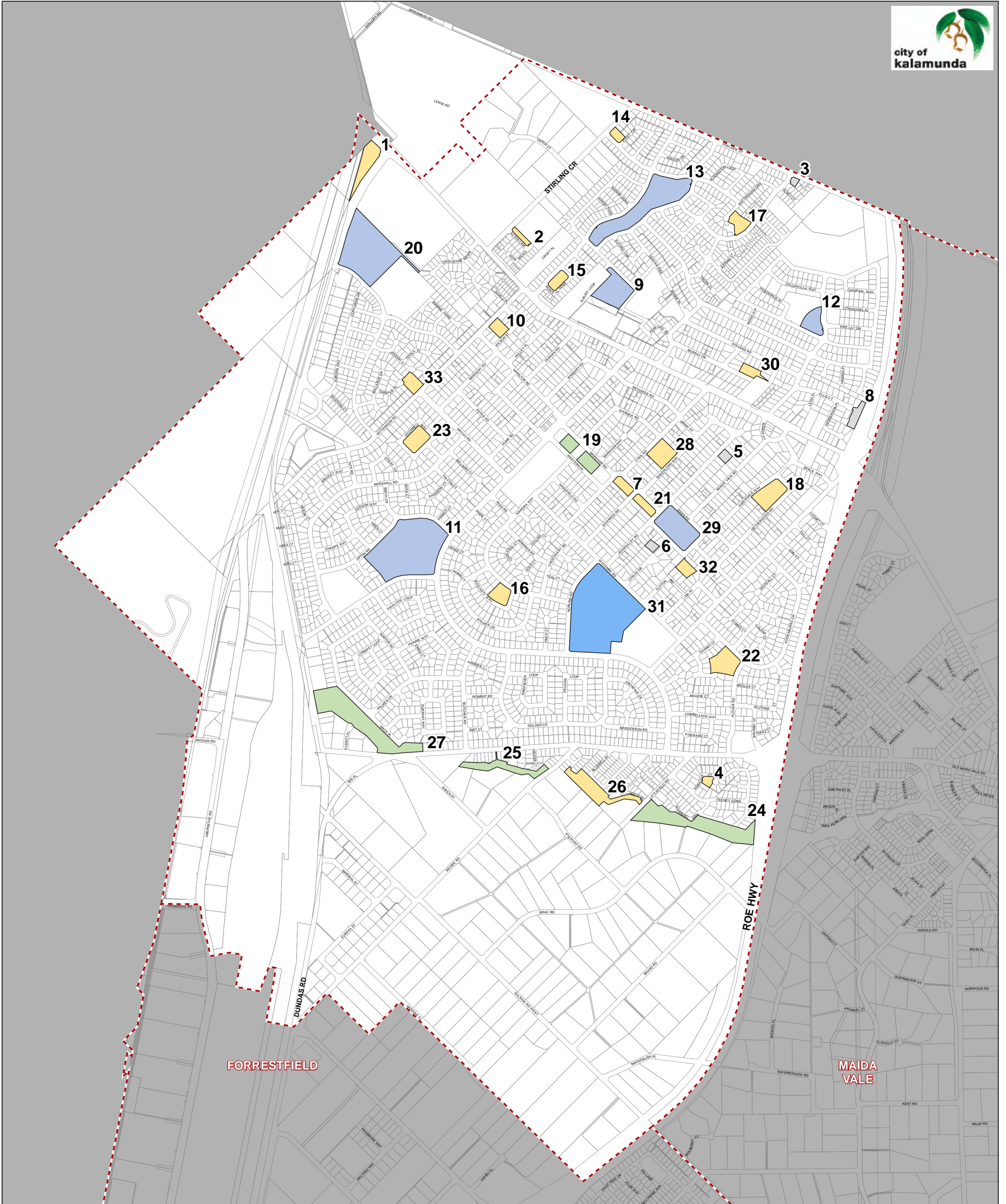
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Author: GIS Coordinator

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APPENDIX 7: POS CLASSIFICATION – MAPPING



High Wycombe

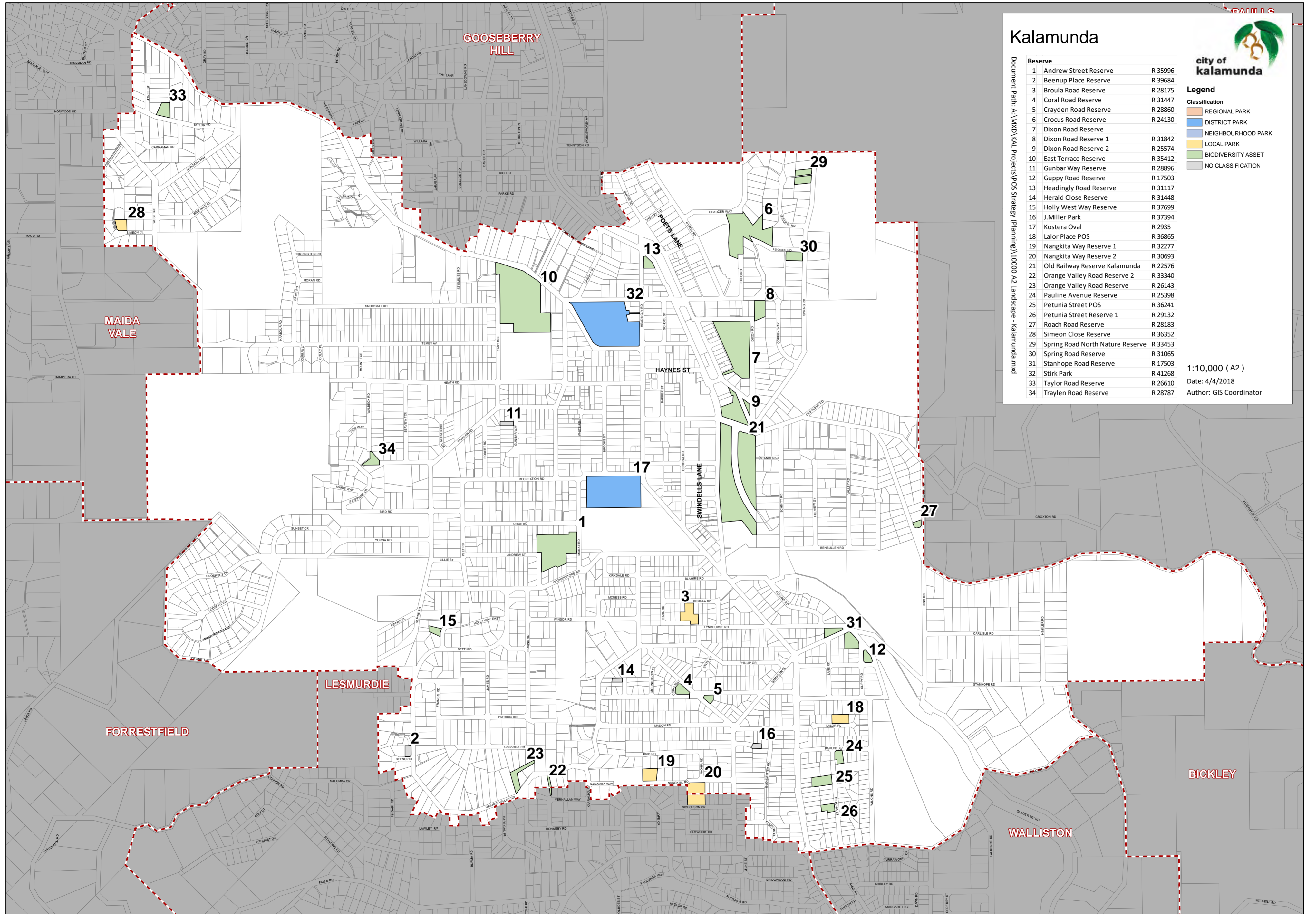
Reserve			
1	Abernethy Road Reserve		
2	Acton Link Reserve	R 51238	
3	Adelaide Street Reserve		
4	Agraulia Court Park	R 50010	
5	Bandalong Way Reserve	R 30540	
6	Citrus Grove Reserve	R 28491	
7	Cyril Road Reserve	R 33977	
8	Ellis Court POS	R 40352	
9	Elmore Way Park	R 47766	
10	Emms Reserve	R 27815	
11	Fleming Reserve	R 39218	
12	Gladys Newton Park	R 47320	
13	Jacaranda Springs Estate 1	R 47570	
14	Jacaranda Springs Estate 2	R 46991	
15	Jacaranda Springs Estate 3	R 46997	
16	John McLarty Park	R 41731	
17	Larwood Crescent POS	R 48863	
18	Mackenzie Park	R 29104	
19	Markham Road Reserve	R 26063	
20	Ollie Worrell Reserve	R 43068	
21	Peter Anus Park	R 36287	
22	Peter Hegney Park	R 40529	
23	Pine Tree Reserve	R 42607	
24	Poison Gully Littlefield	R 36492	
25	Poison Gully Milner	R 36492	
26	Poison Gully Springvale / Bluebell Park	R 51230	
27	Poison Gully West	R 40228	
28	Progress Park	R 31571	
29	Rangeview Park	R 36297	
30	Robert Hewson Park	R 36478	
31	Scott Reserve	R 34946	
32	Swan Road Reserve	R 33221	
33	Viv Robinson Park	R 42697	

Legend

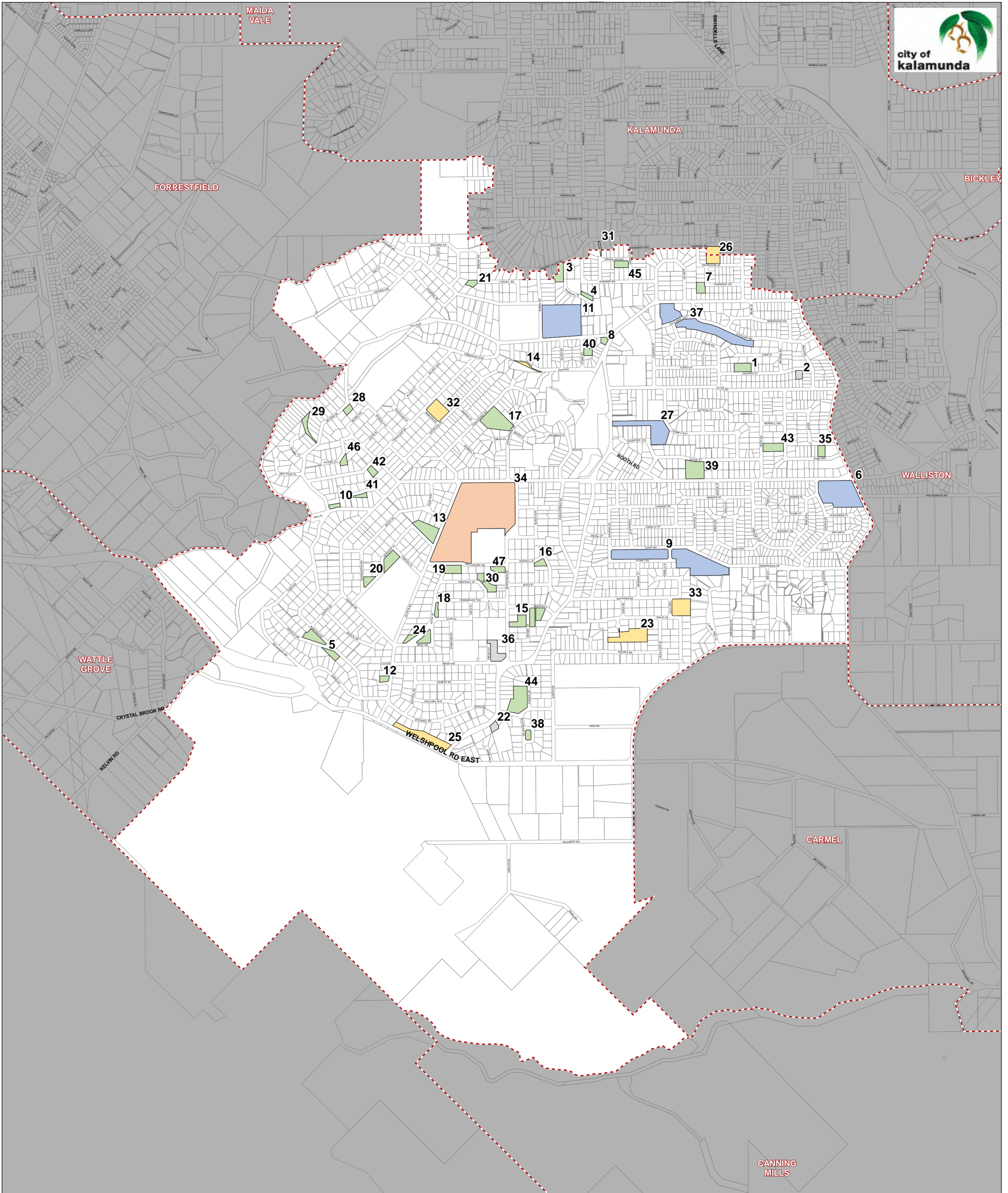
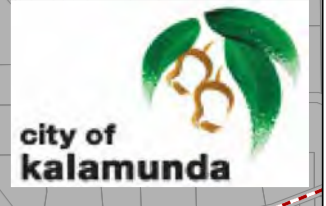
- Classification**
- REGIONAL PARK
 - DISTRICT PARK
 - NEIGHBOURHOOD PARK
 - LOCAL PARK
 - BIODIVERSITY ASSET
 - NO CLASSIFICATION

1:10,000 (A2)
Date: 4/4/2018
Author: GIS Coordinator

APPENDIX 7: POS CLASSIFICATION – MAPPING



APPENDIX 7: POS CLASSIFICATION – MAPPING



Lesmurdie

Reserve											
1	Anthony Heslop Reserve	R 27730	13	Gladys Road Reserve	R 27817	25	Mick Conti Park	R 35468	37	Seaton Park	R 33760
2	Anthony Street Reserve	R 31692	14	Glen Road POS	R 29384	26	Nangkita Way Reserve 2	R 30693	38	Silverdale Road Reserve	R 25189
3	Barbigal Place Reserve 1	R 34791	15	Godwin Street Reserve	R 28212	27	Neil Tonkin Park / Falls Farm Reserve	R 38569	39	Stirkwood Estate Reserve	R 50011
4	Barbigal Place Reserve 2	R 33754	16	Goodall Street Reserve	R 33646	28	Nelson Crescent Reserve 2	R 28305	40	Stone Road Reserve	R 37395
5	Basildon Reserve	R 24948	17	Hugh Sanderson Reserve	R 34183	29	Nelson Crescent Reserve	R 32713	41	Tindale Road Reserve	R 33757
6	Bill Shaw Reserve	R 32507	18	Joyce Street Reserve 1	R 27465	30	Northolt Street Reserve	R 29873	42	Trafalgar Road Reserve	R 27570
7	Elmwood Crescent Reserve	R 30693	19	Joyce Street Reserve 2	R 34809	31	Orange Valley Road Reserve 2	R 26143	43	Trott Road Reserve	R 34076
8	Falls Road Reserve	R 29998	20	Kershaw Avenue Reserve	R 26754	32	Pagotto Park	R 26531	44	Turner Park	R 28624
9	Flora Terrace Reserve	R 29757	21	Lawley Road Reserve	R 31581	33	Peter Thiel Reserve	R 34666	45	Vernallan Way Reserve	R 29107
10	Ford Road Reserve	R 32119	22	Lesmurdie Road Reserve	R 32300	34	Ray Owen Reserve	R 26127	46	Victory Place Reserve	R 30186
11	Fred Eversden Reserve	R 23383	23	Mario Court POS	R 41036	35	Ryan Way Reserve	R 29947	47	Willoughby Reserve	R 29873
12	Gladys Road Reserve 2	R 34454	24	Mary Drive Reserve	R 26557	36	Sanderson Road Reserve / Pax Hill	R 29190			

Legend

Classification	
REGIONAL PARK	
DISTRICT PARK	
NEIGHBOURHOOD PARK	
LOCAL PARK	
BIODIVERSITY ASSET	
NO CLASSIFICATION	

Document Path: A:\MXD\KAL Projects\POS Strategy (Planning)\10000 A1 Portrait - Lesmurdie.mxd

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Date: 4/4/2018
Author: GIS Coordinator

APPENDIX 7: POS CLASSIFICATION – MAPPING



Maida Vale

Document Path: A:\MXD\KAL Projects\POS Strategy (Planning)\10000 A2 Portrait - Maida Vale.mxd

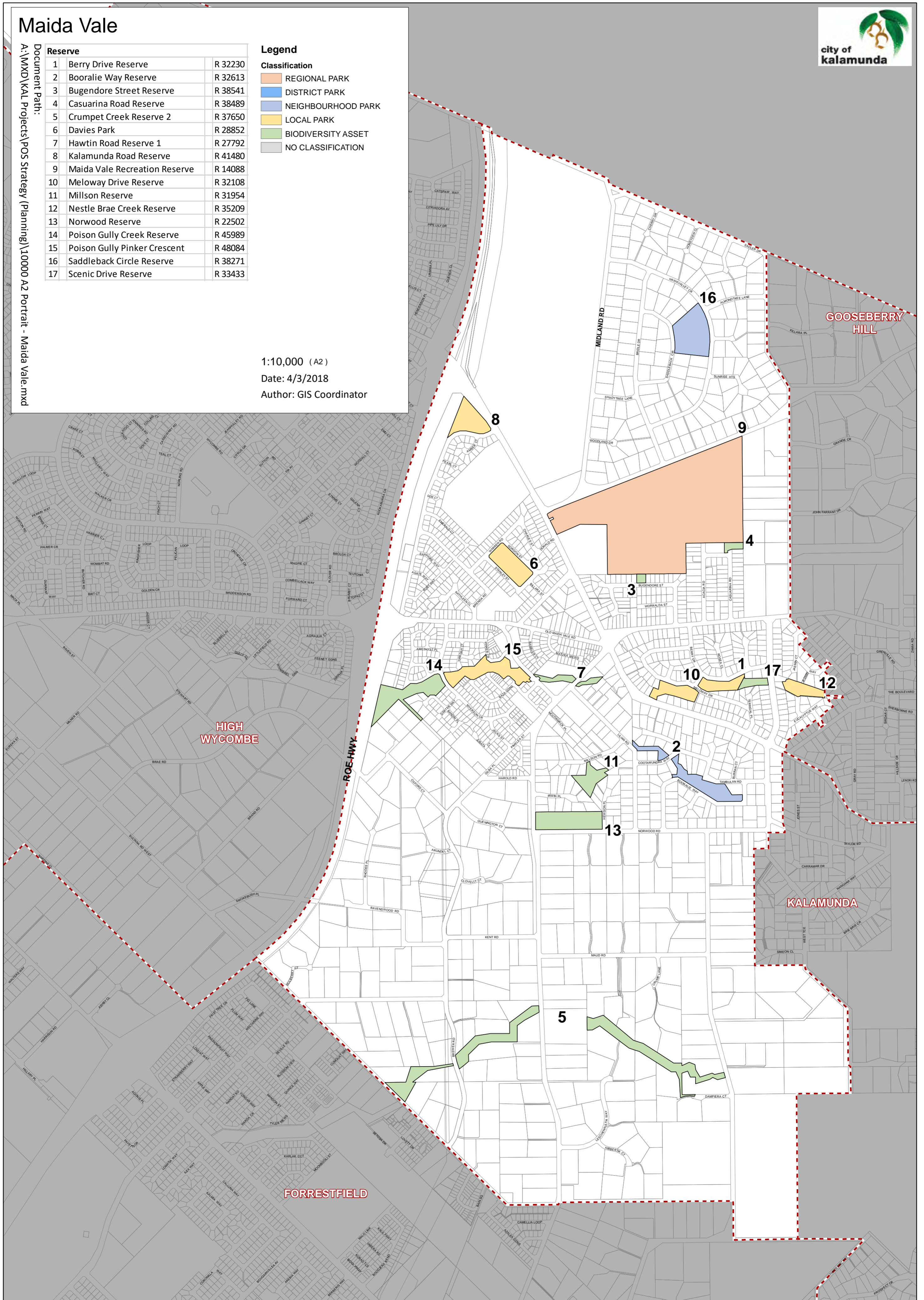
Reserve		
1	Berry Drive Reserve	R 32230
2	Booralie Way Reserve	R 32613
3	Bugendore Street Reserve	R 38541
4	Casuarina Road Reserve	R 38489
5	Crumpet Creek Reserve 2	R 37650
6	Davies Park	R 28852
7	Hawtin Road Reserve 1	R 27792
8	Kalamunda Road Reserve	R 41480
9	Maida Vale Recreation Reserve	R 14088
10	Meloway Drive Reserve	R 32108
11	Millson Reserve	R 31954
12	Nestle Brae Creek Reserve	R 35209
13	Norwood Reserve	R 22502
14	Poison Gully Creek Reserve	R 45989
15	Poison Gully Pinker Crescent	R 48084
16	Saddleback Circle Reserve	R 38271
17	Scenic Drive Reserve	R 33433

Legend

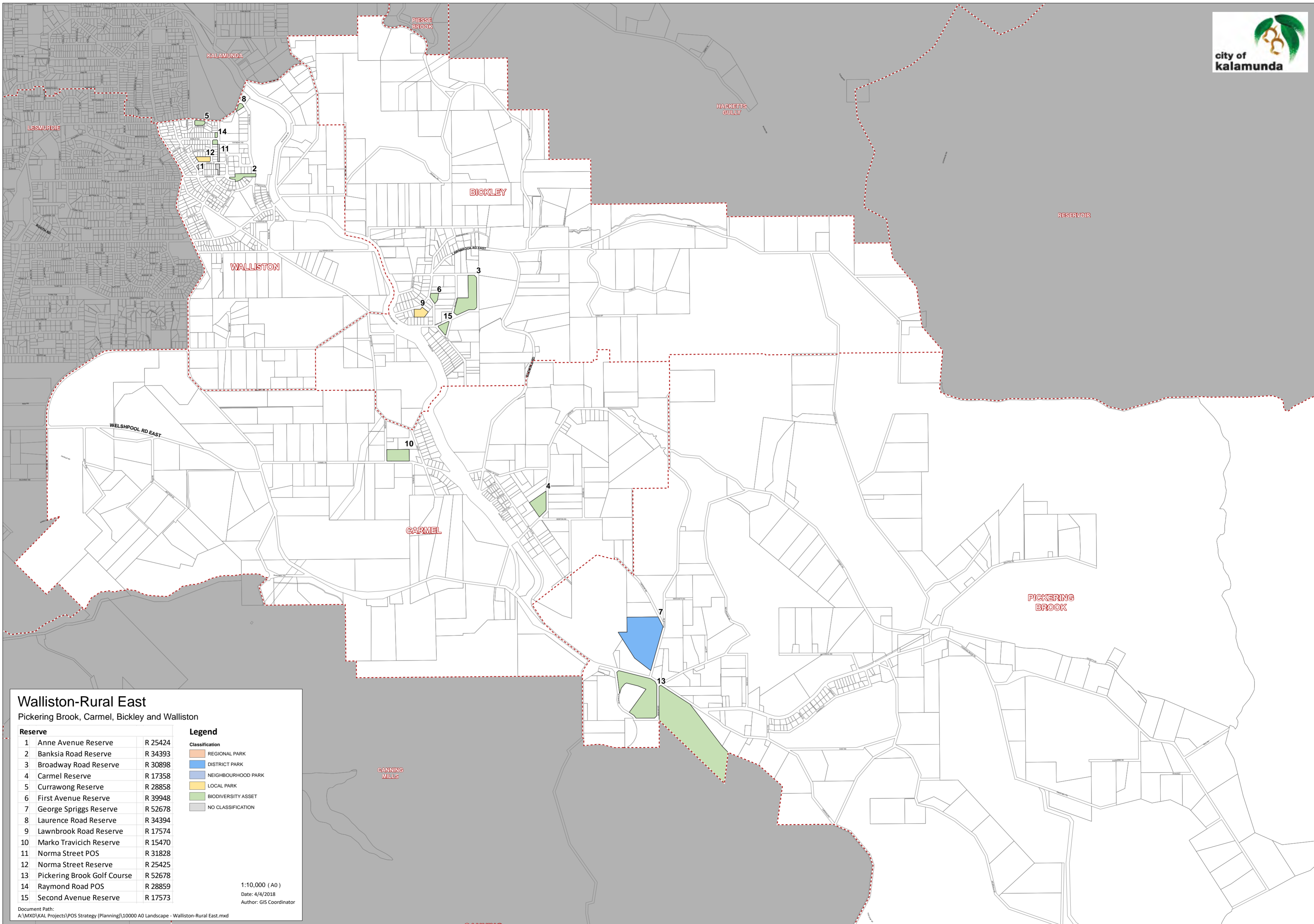
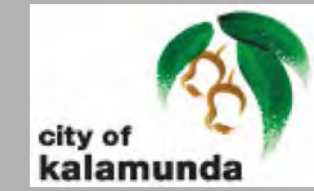
Classification

- REGIONAL PARK
- DISTRICT PARK
- NEIGHBOURHOOD PARK
- LOCAL PARK
- BIODIVERSITY ASSET
- NO CLASSIFICATION

1:10,000 (A2)
 Date: 4/3/2018
 Author: GIS Coordinator



APPENDIX 7: POS CLASSIFICATION – MAPPING



Walliston-Rural East
Pickering Brook, Carmel, Bickley and Walliston

Reserve	Classification	Reserve Number
1 Anne Avenue Reserve	Regional Park	R 25424
2 Banksia Road Reserve	Local Park	R 34393
3 Broadway Road Reserve	Local Park	R 30898
4 Carmel Reserve	Local Park	R 17358
5 Currawong Reserve	Local Park	R 28858
6 First Avenue Reserve	Local Park	R 39948
7 George Spriggs Reserve	District Park	R 52678
8 Laurence Road Reserve	Local Park	R 34394
9 Lawnbrook Road Reserve	Local Park	R 17574
10 Marko Travicich Reserve	Local Park	R 15470
11 Norma Street POS	Local Park	R 31828
12 Norma Street Reserve	Local Park	R 25425
13 Pickering Brook Golf Course	Biodiversity Asset	R 52678
14 Raymond Road POS	Local Park	R 28859
15 Second Avenue Reserve	Local Park	R 17573

Legend

- REGIONAL PARK
- DISTRICT PARK
- NEIGHBOURHOOD PARK
- LOCAL PARK
- BIODIVERSITY ASSET
- NO CLASSIFICATION

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Date: 4/4/2018
Author: GIS Coordinator

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APPENDIX 7: POS CLASSIFICATION – MAPPING



APPENDIX 8: POS FUNCTION – MAPPING



Forrestfield

Document Path: A:\MXD\KAL Projects\POS Strategy Planning\10000 A1 Landscape - Forrestfield.mxd

Reserve		
1	Akebia Way Reserve	R 34610
2	Almond Way POS	R 34237
3	Anderson Road Bushland	R 34600
4	Anderson Road Park	R 36350
5	Berberis Way Reserve	R 34858
6	Berkshire Road Reserve	R 47926
7	Blackbutt Way Reserve	R 35230
8	Boodjera Bend Reserve	R 51191
9	Cambridge Road Reserve	R 27559
10	Connaught Street Reserve	R 28447
11	Crumpet Creek Reserve 2	R 37650
12	Dawson Avenue Reserve	R 41189
13	Dawson Park	R 35618
14	Edinburgh Road Reserve	R 27566
15	Fagin Way Reserve	R 36344
16	Gala Way POS	R 48079
17	Garden Brook Estate	R 33912
18	Hale Road Easement	R 33000
19	Gotha Way POS	R 34857
20	Hartfield Park	R 17098
21	Juniper Way Reserve	R 34706
22	Lincoln Road Reserve	R 32494
23	Magnolia Way Reserve	R 34115
24	Orchard Park Estate 1	R 46496
25	Orchard Park Estate 2	R 47765
26	Orchard Park Estate 3	R 47680
27	Pioneer Park	R 41156
28	Preece Court Reserve	R 42353
29	Redgum Reserve	R 42573
30	Stringybark Drive Reserve	R 34363
31	Sultana Road East POS	R 48778
32	Sussex Road Reserve	R 31690
33	Tillia Court Reserve	R 42611
34	Tyler Mews Park	R 37650
35	Virgillia Way Reserve	R 33741
36	Woodlupine Brook (East)	R 34250
37	Woodlupine Brook Reserve	R 32912

Legend

Function 3

- Sport
- Recreation
- Nature

Function 2

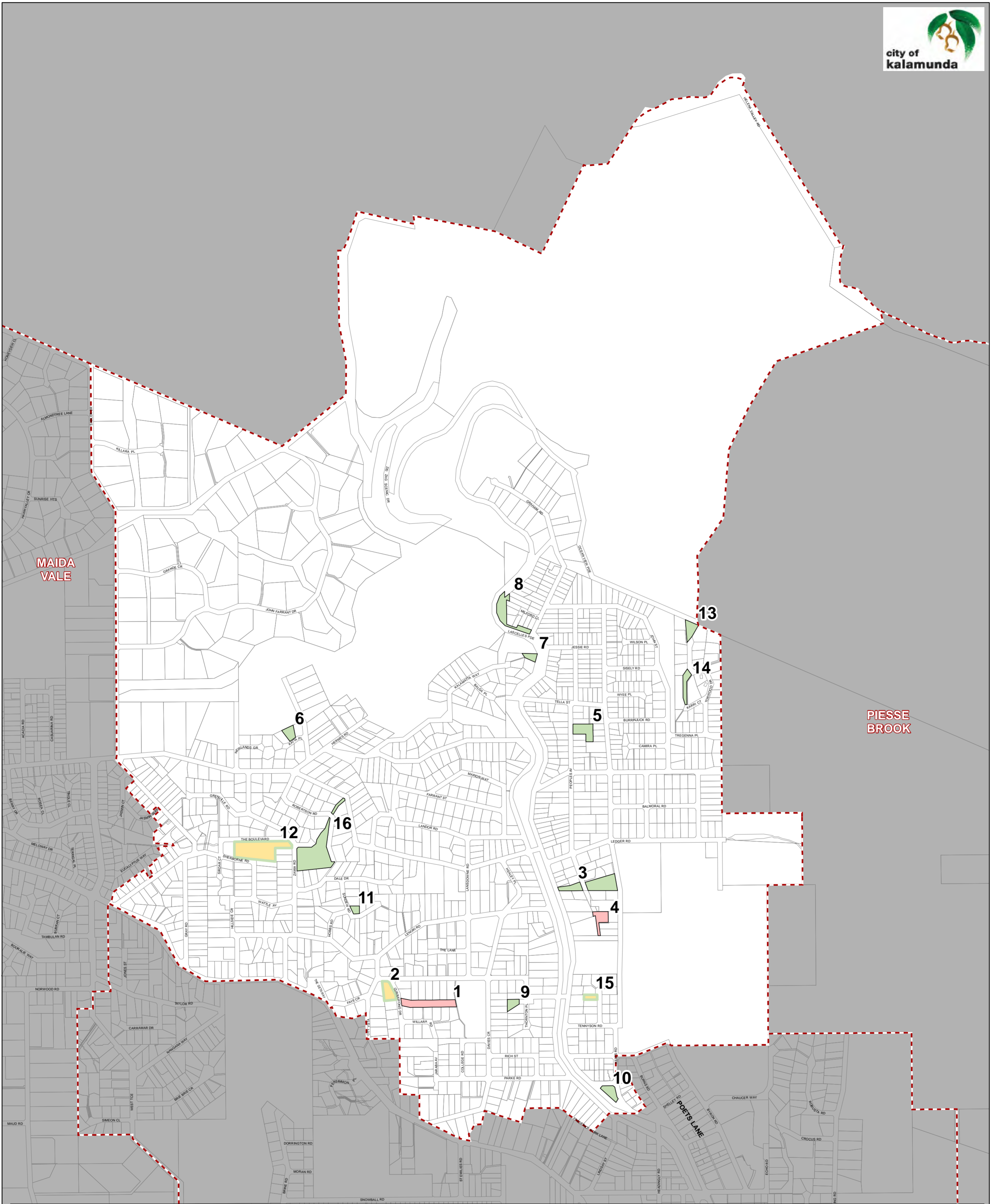
- Sport
- Recreation
- Nature

Function 1

- Sport
- Recreation
- Nature
- No Function

1:10,000 (A1)
Date: 4/6/2018
Author: GIS Coordinator

APPENDIX 8: POS FUNCTION – MAPPING



Gooseberry Hill

Reserve				
1	Currawong Drive Reserve	R 33236	9 Noel Road Reserve	R 30970
2	Currawong POS	R 33235	10 Old Railway Reserve	R 27799
3	Huntley Street Reserve	R 27899	11 Sundew Road Reserve	R 28430
4	Huntley Street Reserve South	R 29403	12 The Boulevard Reserve	R 27946
5	Kardina Park	R 37452	13 Torwood Drive Reserve 1	R 39629
6	Katta Place Reserve	R 38964	14 Torwood Drive Reserve 2	R 39629
7	Lascelles Parade Reserve 1	R 31594	15 Wordsworth Reserve	R 27721
8	Lascelles Parade Reserve 2	R 36372	16 Zamia Road Reserve	R 27589

Legend

Function 3	Function 2	Function 1
Sport	Sport	Sport
Recreation	Recreation	Recreation
Nature	Nature	Nature
		No Function

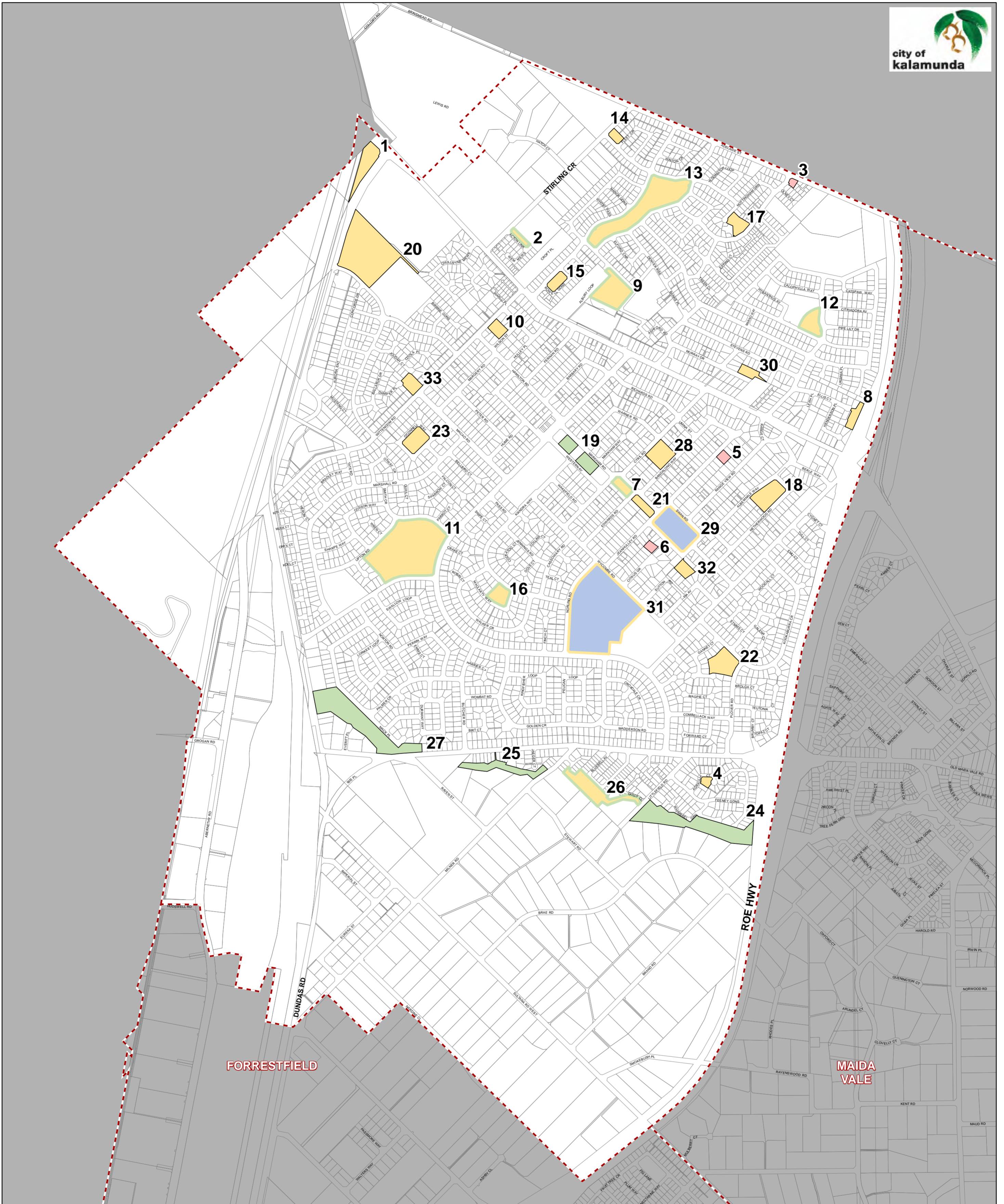
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Date: 4/4/2018

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APPENDIX 8: POS FUNCTION – MAPPING



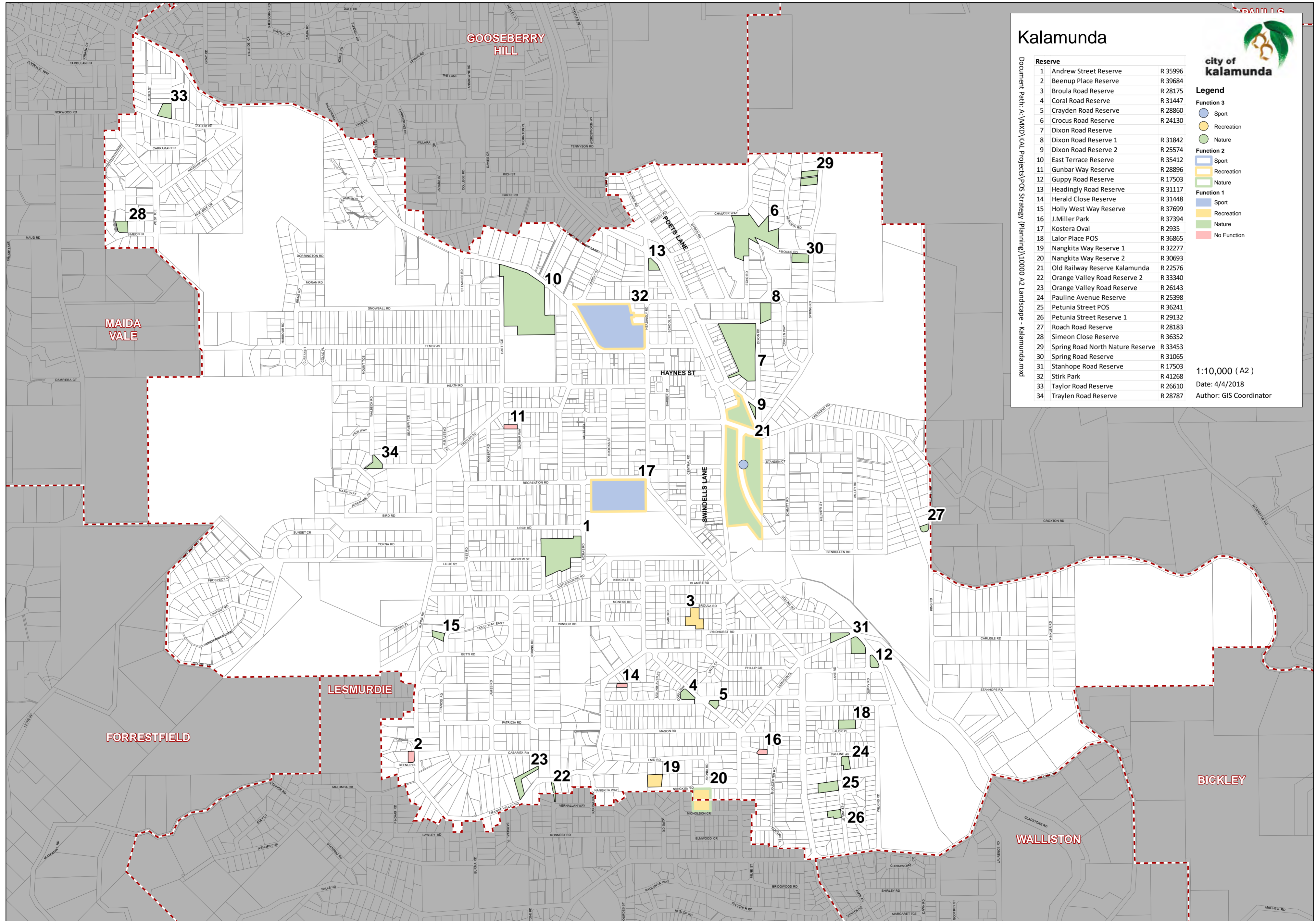
High Wycombe

Reserve			
1	Abernethy Road Reserve		
2	Acton Link Reserve	R 51238	
3	Adelaide Street Reserve		
4	Agraulia Court Park	R 50010	
5	Bandalong Way Reserve	R 30540	
6	Citrus Grove Reserve	R 28491	
7	Cyril Road Reserve	R 33977	
8	Ellis Court POS	R 40352	
9	Elmore Way Park	R 47766	
10	Emms Reserve	R 27815	
11	Fleming Reserve	R 39218	
12	Gladys Newton Park	R 47320	
13	Jacaranda Springs Estate 1	R 47570	
14	Jacaranda Springs Estate 2	R 46991	
15	Jacaranda Springs Estate 3	R 46997	
16	John McLarty Park	R 41731	
17	Larwood Crescent POS	R 48863	
18	Mackenzie Park	R 29104	
19	Markham Road Reserve	R 26063	
20	Ollie Worrell Reserve	R 43068	
21	Peter Annus Park	R 36287	
22	Peter Hegney Park	R 40529	
23	Pine Tree Reserve	R 42607	
24	Poison Gully Littlefield	R 36492	
25	Poison Gully Milner	R 36492	
26	Poison Gully Springvale / Bluebell Park	R 51230	
27	Poison Gully West	R 40228	
28	Progress Park	R 31571	
29	Rangeview Park	R 36297	
30	Robert Hewson Park	R 36478	
31	Scott Reserve	R 34946	
32	Swan Road Reserve	R 33221	
33	Viv Robinson Park	R 42697	

Legend

Function 3	Function 2	Function 1
Sport	Recreation	Sport
Nature	Nature	Recreation
		No Function

APPENDIX 8: POS FUNCTION – MAPPING



Kalamunda



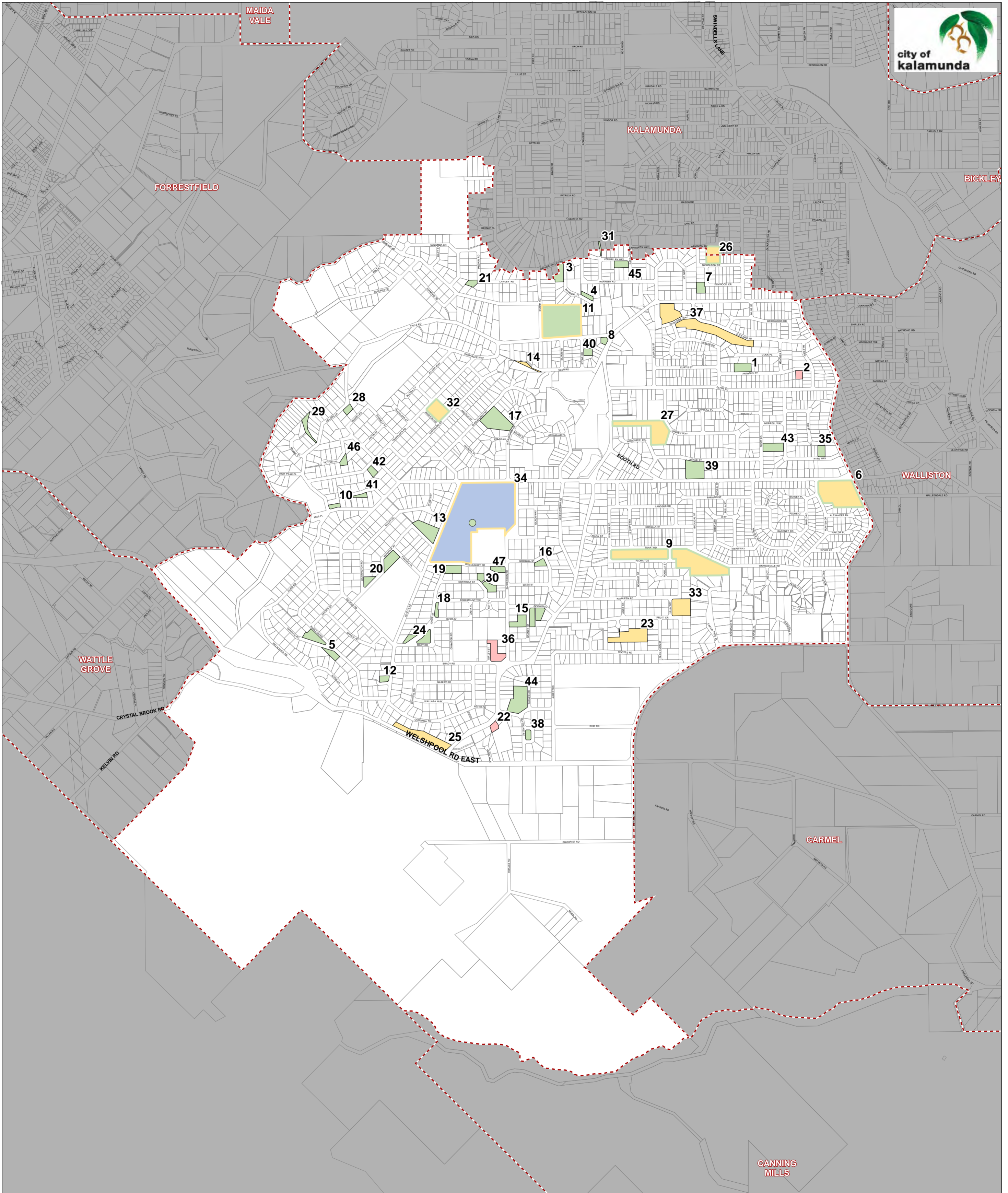
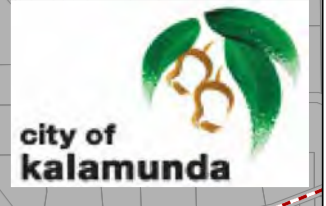
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Reserve	Reserve	Reserve
1	Andrew Street Reserve	R 35996
2	Beenup Place Reserve	R 39684
3	Broula Road Reserve	R 28175
4	Coral Road Reserve	R 31447
5	Crayden Road Reserve	R 28860
6	Crocus Road Reserve	R 24130
7	Dixon Road Reserve	
8	Dixon Road Reserve 1	R 31842
9	Dixon Road Reserve 2	R 25574
10	East Terrace Reserve	R 35412
11	Gunbar Way Reserve	R 28896
12	Guppy Road Reserve	R 17503
13	Headingly Road Reserve	R 31117
14	Herald Close Reserve	R 31448
15	Holly West Way Reserve	R 37699
16	J. Miller Park	R 37394
17	Kostera Oval	R 2935
18	Lalor Place POS	R 36865
19	Nangkita Way Reserve 1	R 32277
20	Nangkita Way Reserve 2	R 30693
21	Old Railway Reserve Kalamunda	R 22576
22	Orange Valley Road Reserve 2	R 33340
23	Orange Valley Road Reserve	R 26143
24	Pauline Avenue Reserve	R 25398
25	Petunia Street POS	R 36241
26	Petunia Street Reserve 1	R 29132
27	Roach Road Reserve	R 28183
28	Simeon Close Reserve	R 36352
29	Spring Road North Nature Reserve	R 33453
30	Spring Road Reserve	R 31065
31	Stanhope Road Reserve	R 17503
32	Stirk Park	R 41268
33	Taylor Road Reserve	R 26610
34	Traylen Road Reserve	R 28787

- Legend**
- Function 3**
- Sport
 - Recreation
 - Nature
- Function 2**
- Sport
 - Recreation
 - Nature
- Function 1**
- Sport
 - Recreation
 - Nature
 - No Function

1:10,000 (A2)
Date: 4/4/2018
Author: GIS Coordinator

APPENDIX 8: POS FUNCTION – MAPPING



Lesmurdie

Reserve								
1	Anthony Heslop Reserve	R 27730	13	Gladys Road Reserve	R 27817	25	Mick Conti Park	R 35468
2	Anthony Street Reserve	R 31692	14	Glen Road POS	R 29384	26	Nangkita Way Reserve 2	R 30693
3	Barbigal Place Reserve 1	R 34791	15	Godwin Street Reserve	R 28212	27	Neil Tonkin Park / Falls Farm Reserve	R 38569
4	Barbigal Place Reserve 2	R 33754	16	Goodall Street Reserve	R 33646	28	Nelson Crescent Reserve 2	R 28305
5	Basildon Reserve	R 24948	17	Hugh Sanderson Reserve	R 34183	29	Nelson Crescent Reserve	R 32713
6	Bill Shaw Reserve	R 32507	18	Joyce Street Reserve 1	R 27465	30	Northolt Street Reserve	R 29873
7	Elmwood Crescent Reserve	R 30693	19	Joyce Street Reserve 2	R 34809	31	Orange Valley Road Reserve 2	R 26143
8	Falls Road Reserve	R 29998	20	Kershaw Avenue Reserve	R 26754	32	Pagotto Park	R 26531
9	Flora Terrace Reserve	R 29757	21	Lawley Road Reserve	R 31581	33	Peter Thiel Reserve	R 34666
10	Ford Road Reserve	R 32119	22	Lesmurdie Road Reserve	R 32300	34	Ray Owen Reserve	R 26127
11	Fred Eversden Reserve	R 23383	23	Mario Court POS	R 41036	35	Ryan Way Reserve	R 29947
12	Gladys Road Reserve 2	R 34454	24	Mary Drive Reserve	R 26557	36	Sanderson Road Reserve / Pax Hill	R 29190
						37	Seaton Park	R 33760
						38	Silverdale Road Reserve	R 25189
						39	Stirkwood Estate Reserve	R 50011
						40	Stone Road Reserve	R 37395
						41	Tindale Road Reserve	R 33757
						42	Trafalgar Road Reserve	R 27570
						43	Trott Road Reserve	R 34076
						44	Turner Park	R 28624
						45	Vernallan Way Reserve	R 29107
						46	Victory Place Reserve	R 30186
						47	Willoughby Reserve	R 29873

Legend

Function 3	Function 2	Function 1
Sport	Sport	Sport
Recreation	Recreation	Recreation
Nature	Nature	Nature
	No Function	

Document Path: A:\MXD\KAL Projects\POS Strategy (Planning)\10000 A1 Portrait - Lesmurdie.mxd

1:10,000 (A1)

Date: 4/4/2018

Author: GIS Coordinator

APPENDIX 8: POS FUNCTION – MAPPING



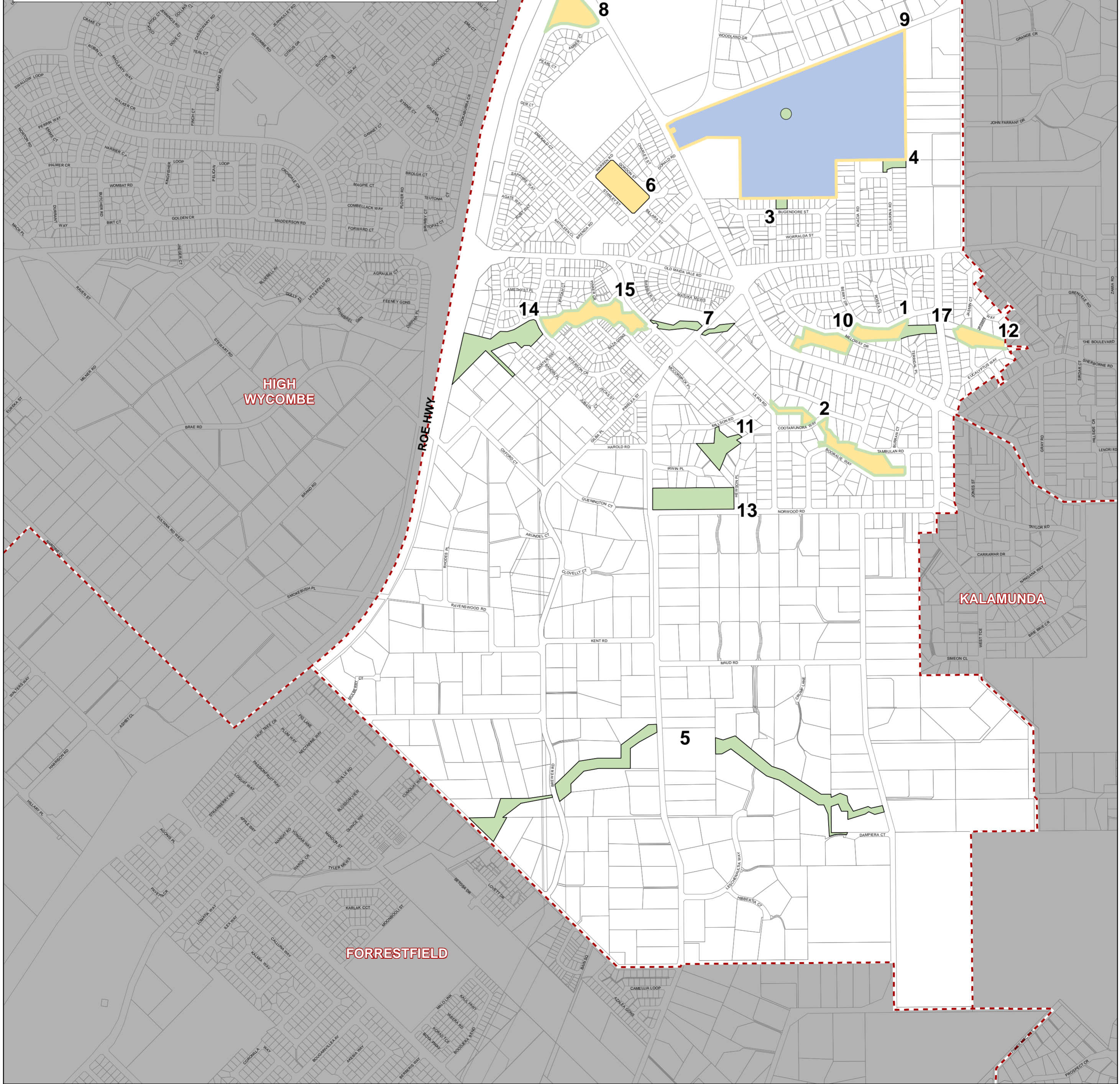
Maida Vale

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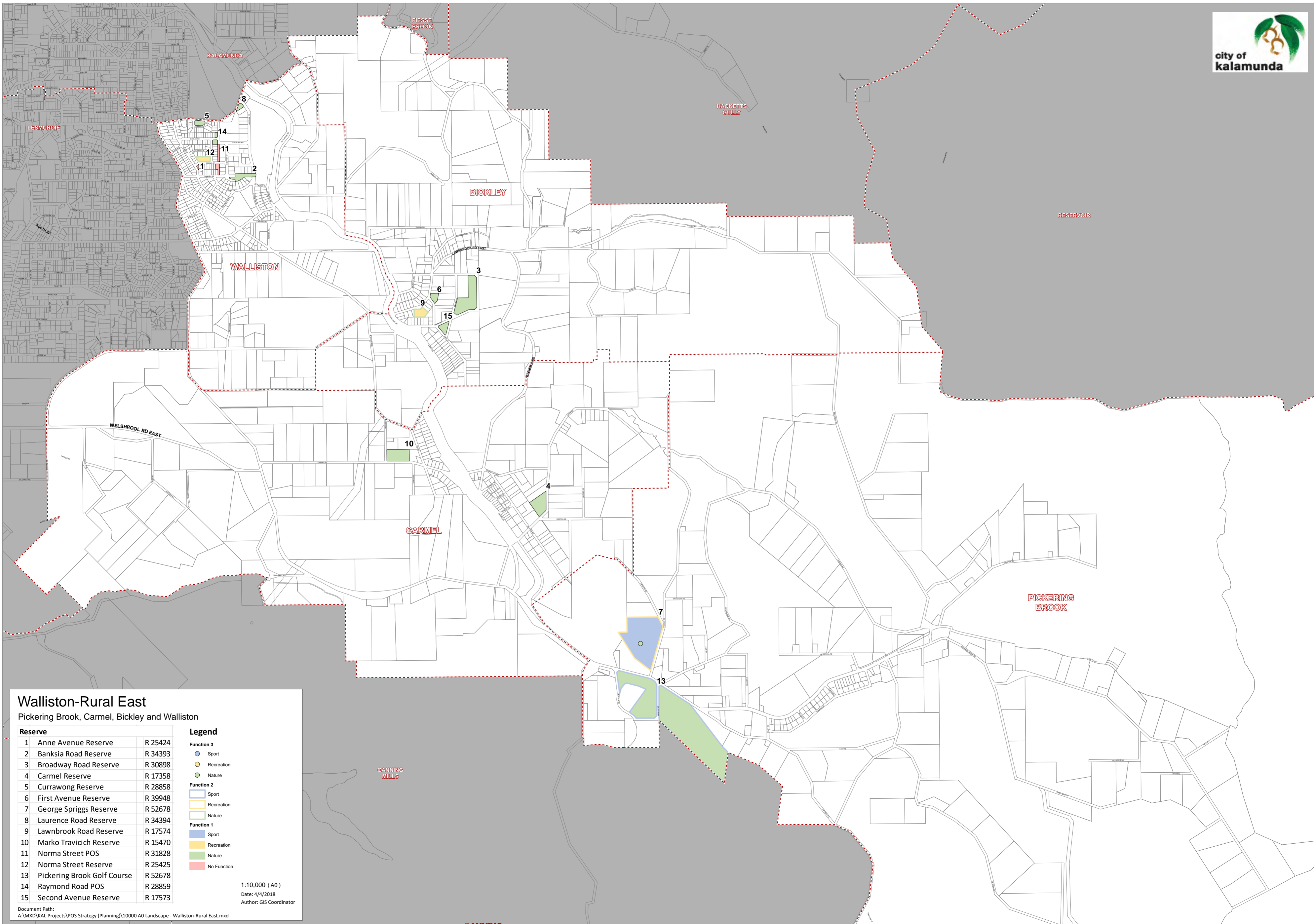
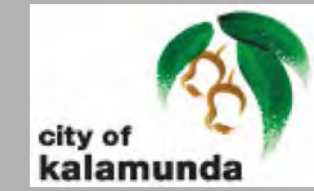
Reserve		
1	Berry Drive Reserve	R 32230
2	Booralie Way Reserve	R 32613
3	Bugendore Street Reserve	R 38541
4	Casuarina Road Reserve	R 38489
5	Crumpet Creek Reserve 2	R 37650
6	Davies Park	R 28852
7	Hawtin Road Reserve 1	R 27792
8	Kalamunda Road Reserve	R 41480
9	Maida Vale Recreation Reserve	R 14088
10	Meloway Drive Reserve	R 32108
11	Millson Reserve	R 31954
12	Nestle Brae Creek Reserve	R 35209
13	Norwood Reserve	R 22502
14	Poison Gully Creek Reserve	R 45989
15	Poison Gully Pinker Crescent	R 48084
16	Saddleback Circle Reserve	R 38271
17	Scenic Drive Reserve	R 33433

- Legend**
- Function 3**
- Sport
 - Recreation
 - Nature
- Function 2**
- Sport
 - Recreation
 - Nature
- Function 1**
- Sport
 - Recreation
 - Nature
 - No Function

1:10,000 (A2)
 Date: 4/4/2018
 Author: GIS Coordinator



APPENDIX 8: POS FUNCTION – MAPPING



Walliston-Rural East
Pickering Brook, Carmel, Bickley and Walliston

Reserve	Reserve	Reserve
1 Anne Avenue Reserve	R 25424	
2 Banksia Road Reserve	R 34393	
3 Broadway Road Reserve	R 30898	
4 Carmel Reserve	R 17358	
5 Currawong Reserve	R 28858	
6 First Avenue Reserve	R 39948	
7 George Spriggs Reserve	R 52678	
8 Laurence Road Reserve	R 34394	
9 Lawnbrook Road Reserve	R 17574	
10 Marko Travicich Reserve	R 15470	
11 Norma Street POS	R 31828	
12 Norma Street Reserve	R 25425	
13 Pickering Brook Golf Course	R 52678	
14 Raymond Road POS	R 28859	
15 Second Avenue Reserve	R 17573	

Legend

- Function 3
 - Sport
 - Recreation
 - Nature
- Function 2
 - Sport
 - Recreation
 - Nature
- Function 1
 - Sport
 - Recreation
 - Nature
- No Function

1:10,000 (A0)
Date: 4/4/2018
Author: GIS Coordinator

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APPENDIX 8: POS FUNCTION – MAPPING

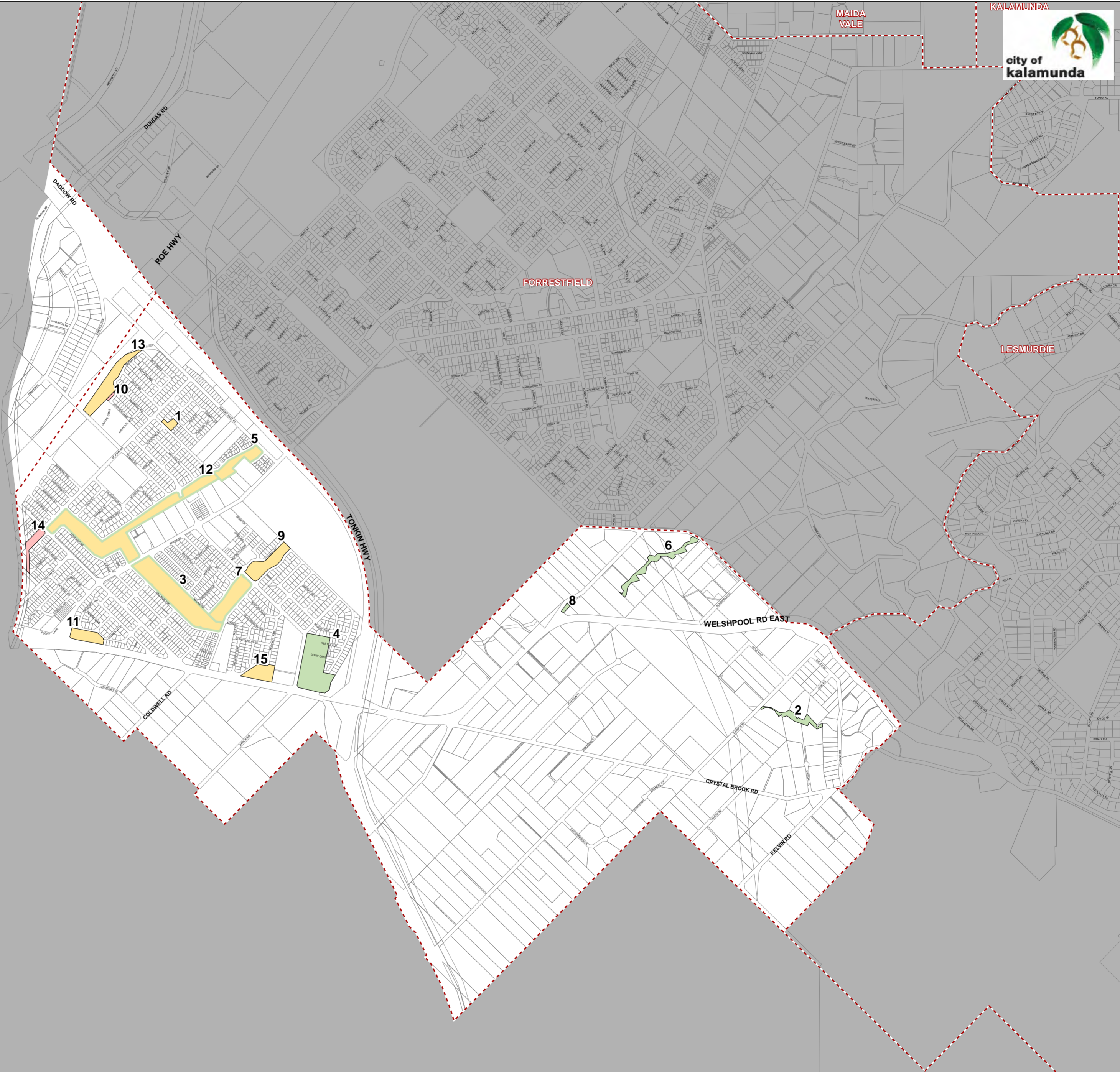
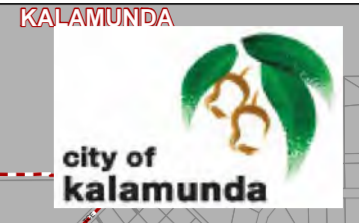
Wattle Grove

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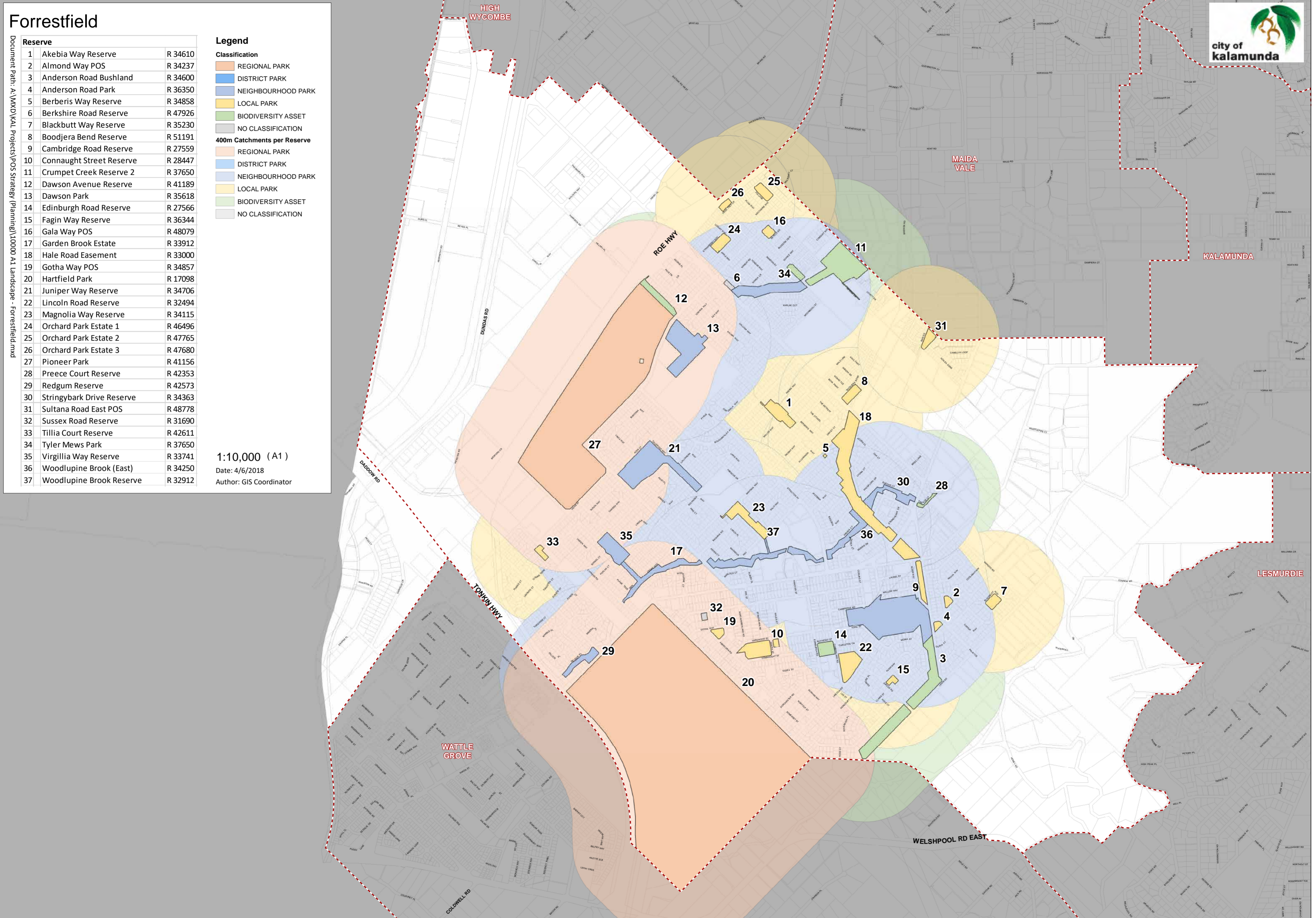
Reserve		
1	Fennell Crescent POS	R 46170
2	Gavour Road Reserve	R 40273
3	Gillings Parade POS	R 47767
4	Grass Tree Reserve	R 50985
5	Harvey East Road Reserve	R 49263
6	Hartfield Road Creekline Reserve	R 35017
7	Kalari Drive POS	R 48696
8	Lewis Road Reserve	R 28344
9	Maamba Road POS	R 52403
10	Olivine Gardens Reserve	R 50721
11	Sheffield Estate	R 47723
12	The Promenade POS	R 48404
13	Willow Lake Estate	R 47590
14	Woodlupine Creek Undeveloped Reserve	R 49965
15	Yule Brook Estate	R 47406

Function 3	Function 2	Function 1
● Sport	■ Sport	■ Sport
● Recreation	■ Recreation	■ Recreation
● Nature	■ Nature	■ Nature
		■ No Function

1:10,000 (A1)
Date: 4/4/2018
Author: GIS Coordinator



APPENDIX 9: POS CATCHMENTS – MAPPING



Forreestfield

Document Path: A:\MXD\KAL Projects\POS Strategy Planning\10000 A1 Landscape - Forreestfield.mxd

Reserve		R
1	Akebia Way Reserve	R 34610
2	Almond Way POS	R 34237
3	Anderson Road Bushland	R 34600
4	Anderson Road Park	R 36350
5	Berberis Way Reserve	R 34858
6	Berkshire Road Reserve	R 47926
7	Blackbutt Way Reserve	R 35230
8	Boodjera Bend Reserve	R 51191
9	Cambridge Road Reserve	R 27559
10	Connaught Street Reserve	R 28447
11	Crumpet Creek Reserve 2	R 37650
12	Dawson Avenue Reserve	R 41189
13	Dawson Park	R 35618
14	Edinburgh Road Reserve	R 27566
15	Fagin Way Reserve	R 36344
16	Gala Way POS	R 48079
17	Garden Brook Estate	R 33912
18	Hale Road Easement	R 33000
19	Gotha Way POS	R 34857
20	Hartfield Park	R 17098
21	Juniper Way Reserve	R 34706
22	Lincoln Road Reserve	R 32494
23	Magnolia Way Reserve	R 34115
24	Orchard Park Estate 1	R 46496
25	Orchard Park Estate 2	R 47765
26	Orchard Park Estate 3	R 47680
27	Pioneer Park	R 41156
28	Preece Court Reserve	R 42353
29	Redgum Reserve	R 42573
30	Stringybark Drive Reserve	R 34363
31	Sultana Road East POS	R 48778
32	Sussex Road Reserve	R 31690
33	Tillia Court Reserve	R 42611
34	Tyler Mews Park	R 37650
35	Virgillia Way Reserve	R 33741
36	Woodlupine Brook (East)	R 34250
37	Woodlupine Brook Reserve	R 32912

Legend

Classification

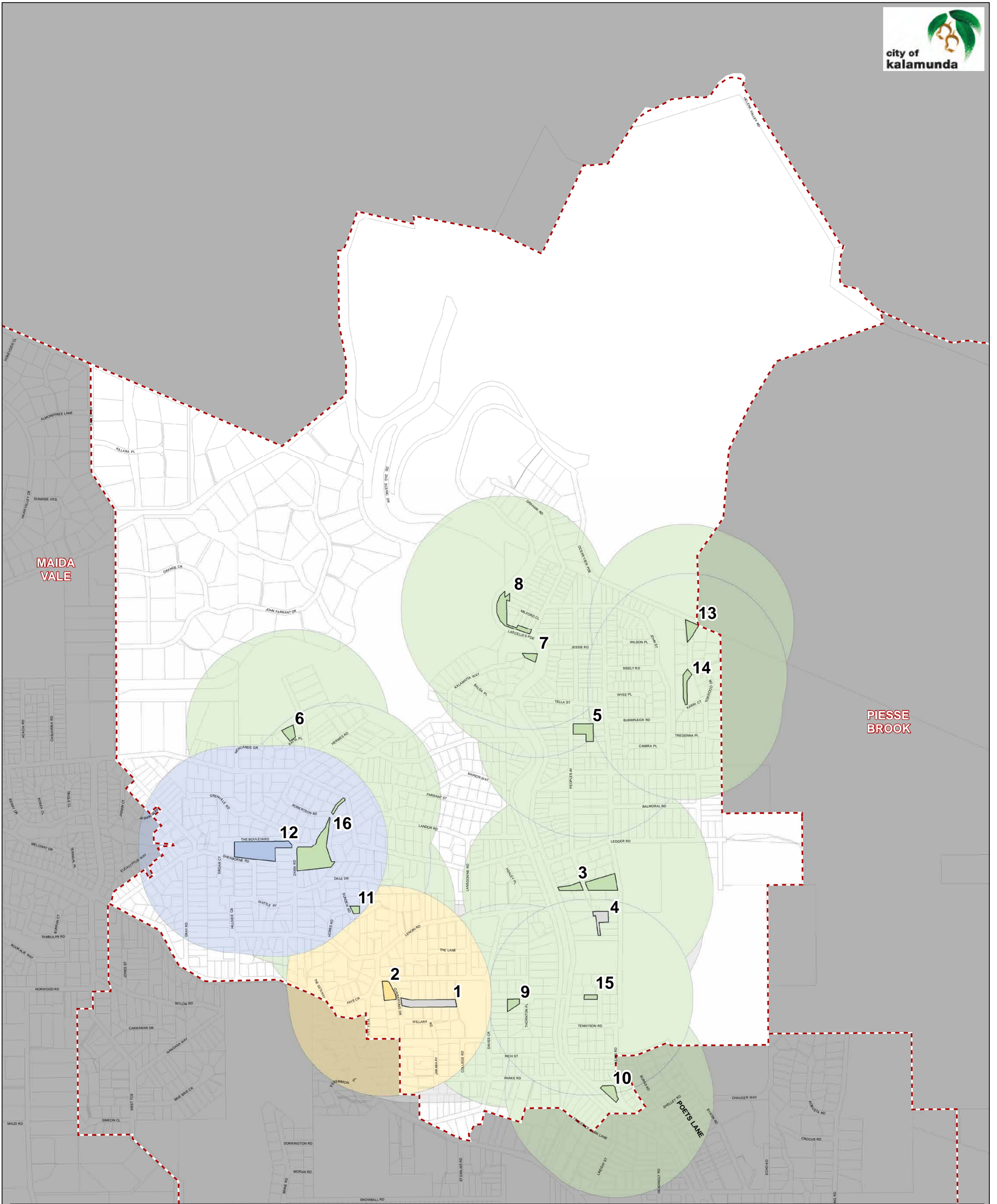
- REGIONAL PARK
- DISTRICT PARK
- NEIGHBOURHOOD PARK
- LOCAL PARK
- BIODIVERSITY ASSET
- NO CLASSIFICATION

400m Catchments per Reserve

- REGIONAL PARK
- DISTRICT PARK
- NEIGHBOURHOOD PARK
- LOCAL PARK
- BIODIVERSITY ASSET
- NO CLASSIFICATION

1:10,000 (A1)
Date: 4/6/2018
Author: GIS Coordinator





Gooseberry Hill

Reserve					
1	Currawong Drive Reserve	R 33236	9	Noel Road Reserve	R 30970
2	Currawong POS	R 33235	10	Old Railway Reserve	R 27799
3	Huntley Street Reserve	R 27899	11	Sundew Road Reserve	R 28430
4	Huntley Street Reserve South	R 29403	12	The Boulevard Reserve	R 27946
5	Kardina Park	R 37452	13	Torwood Drive Reserve 1	R 39629
6	Katta Place Reserve	R 38964	14	Torwood Drive Reserve 2	R 39629
7	Lascelles Parade Reserve 1	R 31594	15	Wordsworth Reserve	R 27721
8	Lascelles Parade Reserve 2	R 36372	16	Zamia Road Reserve	R 27589

Legend

Classification	400m Catchments per Reserve
REGIONAL PARK	REGIONAL PARK
DISTRICT PARK	DISTRICT PARK
NEIGHBOURHOOD PARK	NEIGHBOURHOOD PARK
LOCAL PARK	LOCAL PARK
BIODIVERSITY ASSET	BIODIVERSITY ASSET
NO CLASSIFICATION	NO CLASSIFICATION

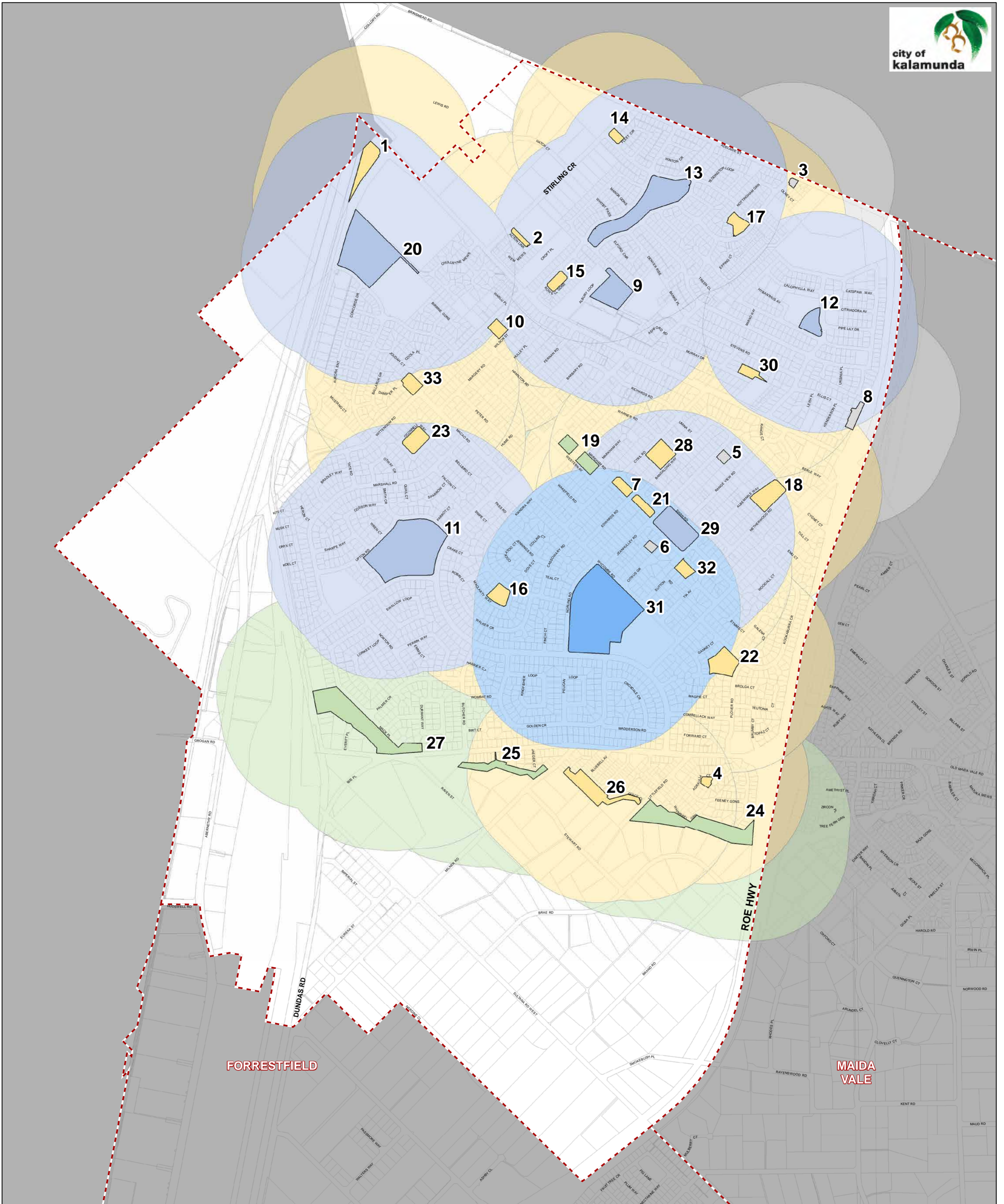
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APPENDIX 9: POS CATCHMENTS – MAPPING



High Wycombe

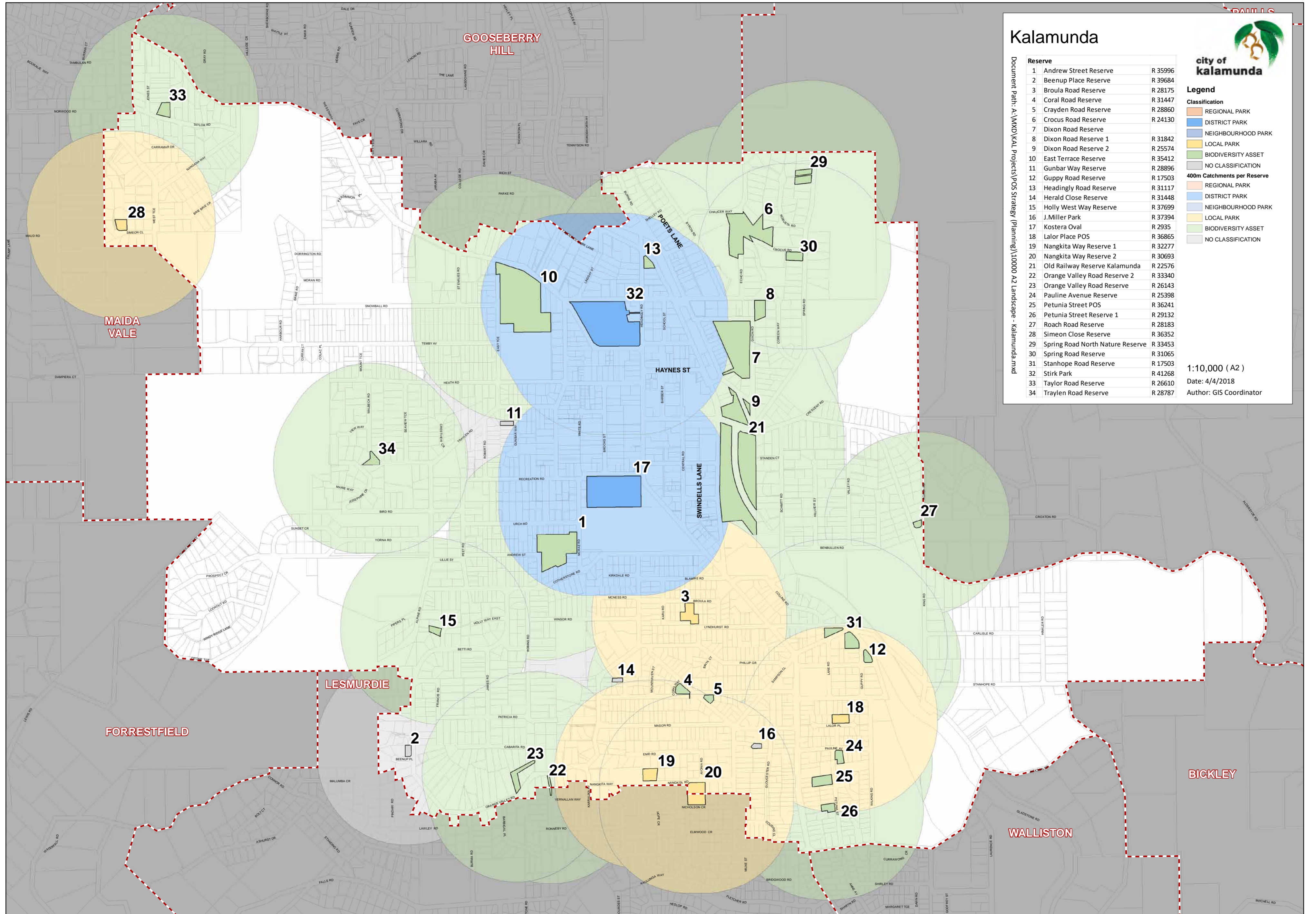
Reserve			
1	Abernethy Road Reserve		
2	Acton Link Reserve	R 51238	
3	Adelaide Street Reserve		
4	Agraulia Court Park	R 50010	
5	Bandalong Way Reserve	R 30540	
6	Citrus Grove Reserve	R 28491	
7	Cyril Road Reserve	R 33977	
8	Ellis Court POS	R 40352	
9	Elmore Way Park	R 47766	
10	Emms Reserve	R 27815	
11	Fleming Reserve	R 39218	
12	Gladys Newton Park	R 47320	
13	Jacaranda Springs Estate 1	R 47570	
14	Jacaranda Springs Estate 2	R 46991	
15	Jacaranda Springs Estate 3	R 46997	
16	John McLarty Park	R 41731	
17	Larwood Crescent POS	R 48863	
18	Mackenzie Park	R 29104	
19	Markham Road Reserve	R 26063	
20	Ollie Worrell Reserve	R 43068	
21	Peter Annus Park	R 36287	
22	Peter Hegney Park	R 40529	
23	Pine Tree Reserve	R 42607	
24	Poison Gully Littlefield	R 36492	
25	Poison Gully Milner	R 36492	
26	Poison Gully Springvale / Bluebell Park	R 51230	
27	Poison Gully West	R 40228	
28	Progress Park	R 31571	
29	Rangeview Park	R 36297	
30	Robert Hewson Park	R 36478	
31	Scott Reserve	R 34946	
32	Swan Road Reserve	R 33221	
33	Viv Robinson Park	R 42697	

Legend

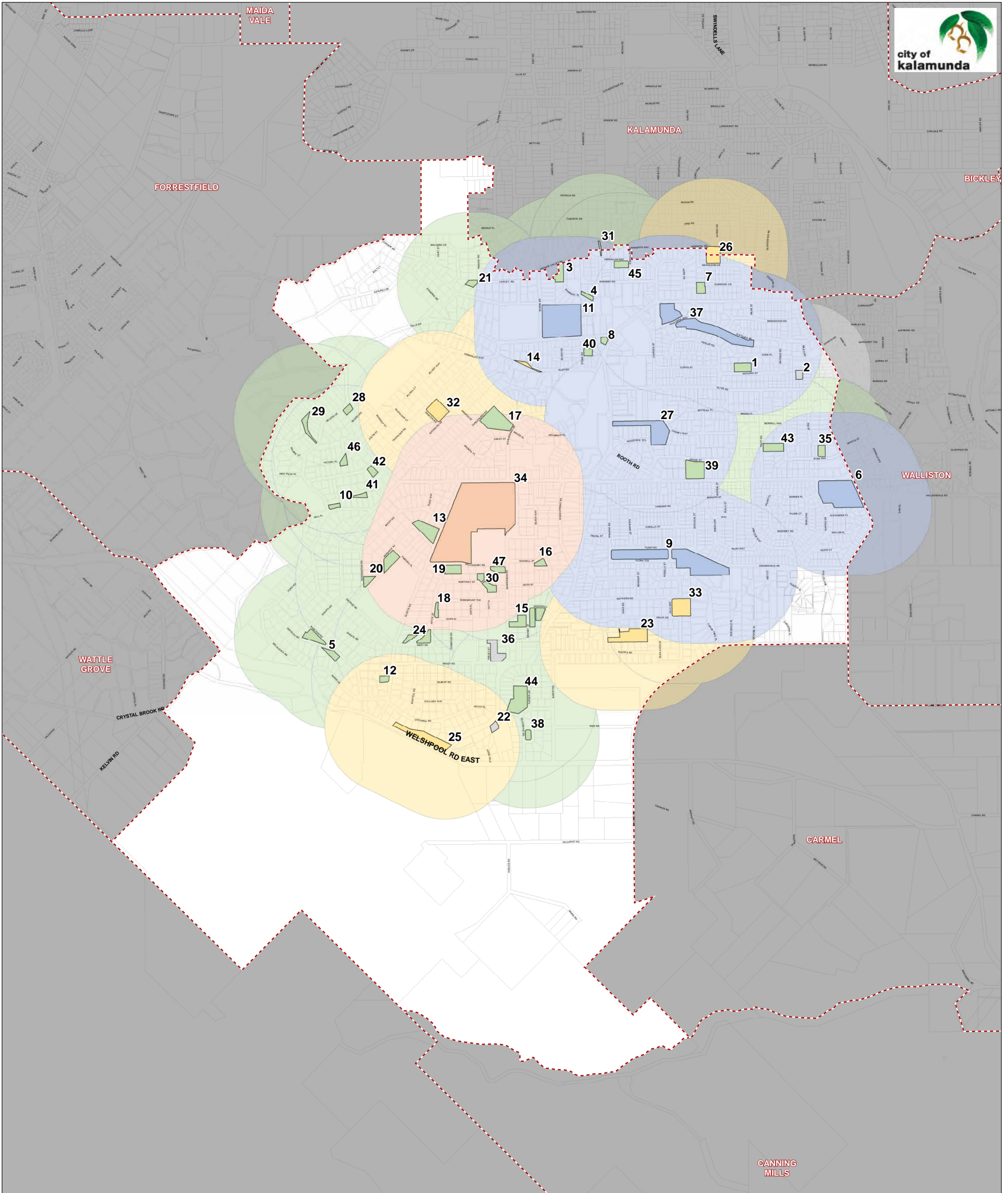
Classification	400m Catchments per Reserve
REGIONAL PARK	REGIONAL PARK
DISTRICT PARK	DISTRICT PARK
NEIGHBOURHOOD PARK	NEIGHBOURHOOD PARK
LOCAL PARK	LOCAL PARK
BIODIVERSITY ASSET	BIODIVERSITY ASSET
NO CLASSIFICATION	NO CLASSIFICATION

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Date: 4/4/2018
Author: GIS Coordinator

APPENDIX 9: POS CATCHMENTS – MAPPING



APPENDIX 9: POS CATCHMENTS – MAPPING



Lesmurdie

Reserve											
1	Anthony Heslop Reserve	R 27730	13	Gladys Road Reserve	R 27817	25	Mick Conti Park	R 35468	37	Seaton Park	R 33760
2	Anthony Street Reserve	R 31692	14	Glen Road POS	R 29384	26	Nangkita Way Reserve 2	R 30693	38	Silverdale Road Reserve	R 25189
3	Barbigal Place Reserve 1	R 34791	15	Godwin Street Reserve	R 28212	27	Neil Tonkin Park / Falls Farm Reserve	R 38569	39	Stirkwood Estate Reserve	R 50011
4	Barbigal Place Reserve 2	R 33754	16	Goodall Street Reserve	R 33646	28	Nelson Crescent Reserve 2	R 28305	40	Stone Road Reserve	R 37395
5	Basildon Reserve	R 24948	17	Hugh Sanderson Reserve	R 34183	29	Nelson Crescent Reserve	R 32713	41	Tindale Road Reserve	R 33757
6	Bill Shaw Reserve	R 32507	18	Joyce Street Reserve 1	R 27465	30	Northolt Street Reserve	R 29873	42	Trafalgar Road Reserve	R 27570
7	Elmwood Crescent Reserve	R 30693	19	Joyce Street Reserve 2	R 34809	31	Orange Valley Road Reserve 2	R 26143	43	Trott Road Reserve	R 34076
8	Falls Road Reserve	R 29998	20	Kershaw Avenue Reserve	R 26754	32	Pagotto Park	R 26531	44	Turner Park	R 28624
9	Flora Terrace Reserve	R 29757	21	Lawley Road Reserve	R 31581	33	Peter Thiel Reserve	R 34666	45	Vernallan Way Reserve	R 29107
10	Ford Road Reserve	R 32119	22	Lesmurdie Road Reserve	R 32300	34	Ray Owen Reserve	R 26127	46	Victory Place Reserve	R 30186
11	Fred Eversden Reserve	R 23383	23	Mario Court POS	R 41036	35	Ryan Way Reserve	R 29947	47	Willoughby Reserve	R 29873
12	Gladys Road Reserve 2	R 34454	24	Mary Drive Reserve	R 26557	36	Sanderson Road Reserve / Pax Hill	R 29190			

Legend

Classification	400m Catchments per Reserve
REGIONAL PARK	REGIONAL PARK
DISTRICT PARK	DISTRICT PARK
NEIGHBOURHOOD PARK	NEIGHBOURHOOD PARK
LOCAL PARK	LOCAL PARK
BIODIVERSITY ASSET	BIODIVERSITY ASSET
NO CLASSIFICATION	NO CLASSIFICATION

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Author: GIS Coordinator

APPENDIX 9: POS CATCHMENTS – MAPPING

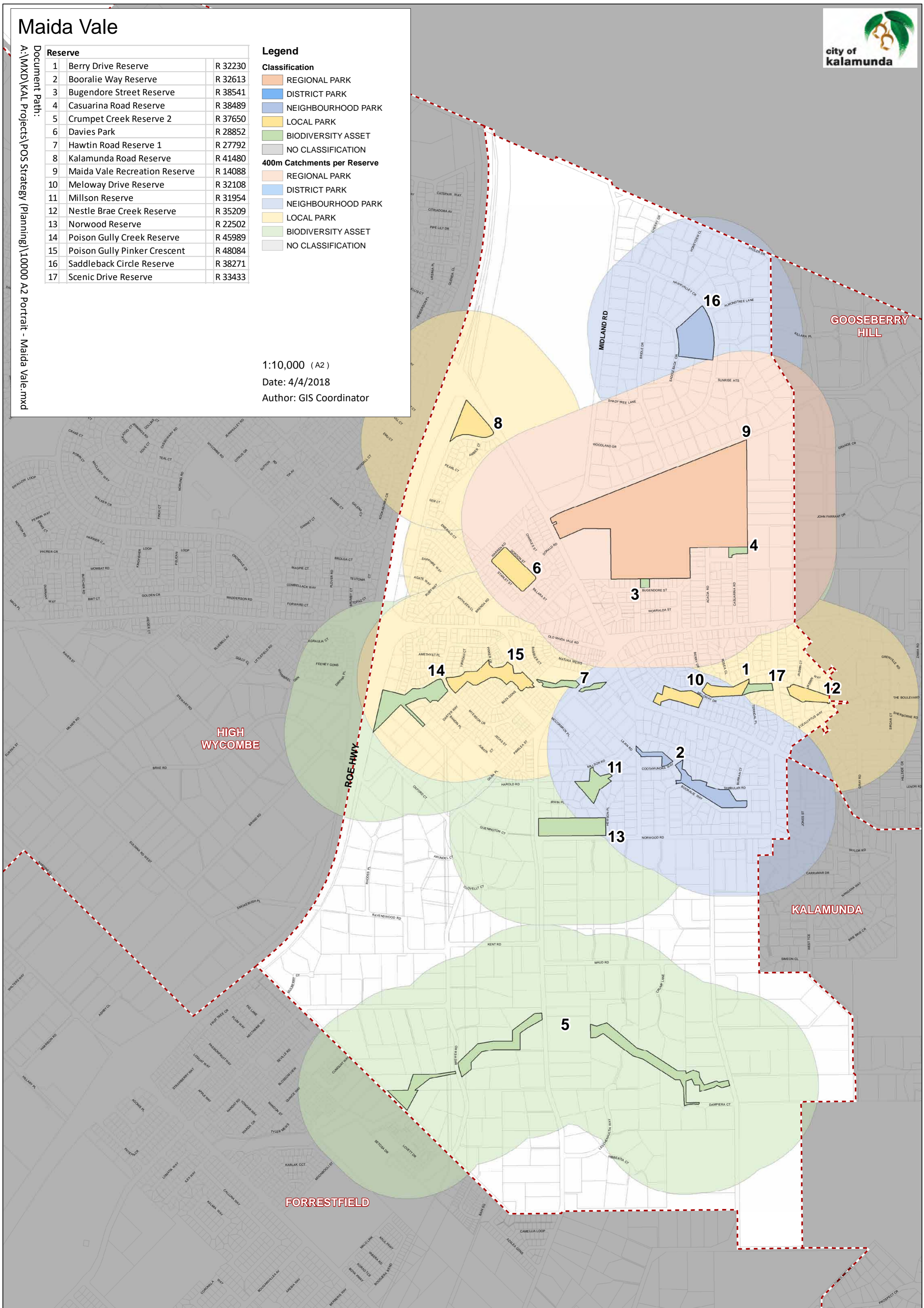
Maida Vale

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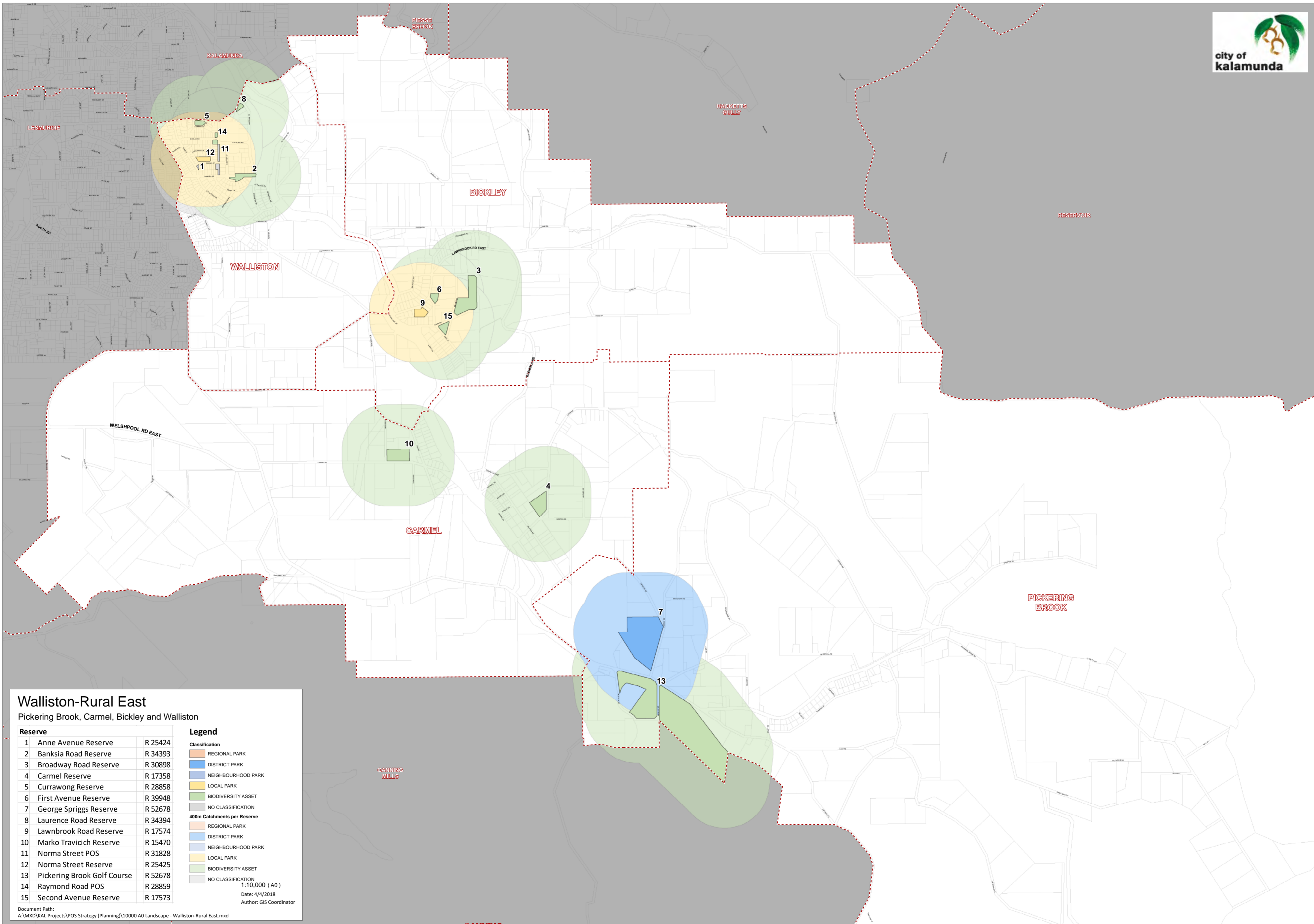
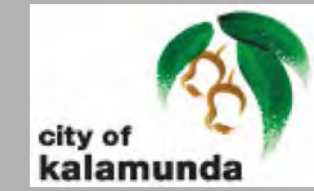
Reserve		
1	Berry Drive Reserve	R 32230
2	Booralie Way Reserve	R 32613
3	Bugendore Street Reserve	R 38541
4	Casuarina Road Reserve	R 38489
5	Crumpet Creek Reserve 2	R 37650
6	Davies Park	R 28852
7	Hawtin Road Reserve 1	R 27792
8	Kalamunda Road Reserve	R 41480
9	Maida Vale Recreation Reserve	R 14088
10	Meloway Drive Reserve	R 32108
11	Millson Reserve	R 31954
12	Nestle Brae Creek Reserve	R 35209
13	Norwood Reserve	R 22502
14	Poison Gully Creek Reserve	R 45989
15	Poison Gully Pinker Crescent	R 48084
16	Saddleback Circle Reserve	R 38271
17	Scenic Drive Reserve	R 33433

- Legend**
- Classification**
- REGIONAL PARK
 - DISTRICT PARK
 - NEIGHBOURHOOD PARK
 - LOCAL PARK
 - BIODIVERSITY ASSET
 - NO CLASSIFICATION
- 400m Catchments per Reserve**
- REGIONAL PARK
 - DISTRICT PARK
 - NEIGHBOURHOOD PARK
 - LOCAL PARK
 - BIODIVERSITY ASSET
 - NO CLASSIFICATION

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APPENDIX 9: POS CATCHMENTS – MAPPING



Walliston-Rural East
Pickering Brook, Carmel, Bickley and Walliston

Reserve		R
1	Anne Avenue Reserve	25424
2	Banksia Road Reserve	34393
3	Broadway Road Reserve	30898
4	Carmel Reserve	17358
5	Currawong Reserve	28858
6	First Avenue Reserve	39948
7	George Spriggs Reserve	52678
8	Laurence Road Reserve	34394
9	Lawnbrook Road Reserve	17574
10	Marko Travich Reserve	15470
11	Norma Street POS	31828
12	Norma Street Reserve	25425
13	Pickering Brook Golf Course	52678
14	Raymond Road POS	28859
15	Second Avenue Reserve	17573

Legend	
■	REGIONAL PARK
■	DISTRICT PARK
■	NEIGHBOURHOOD PARK
■	LOCAL PARK
■	BIODIVERSITY ASSET
■	NO CLASSIFICATION
400m Catchments per Reserve	
■	REGIONAL PARK
■	DISTRICT PARK
■	NEIGHBOURHOOD PARK
■	LOCAL PARK
■	BIODIVERSITY ASSET
■	NO CLASSIFICATION

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Author: GIS Coordinator

APPENDIX 9: POS CATCHMENTS – MAPPING

Wattle Grove

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Reserve		
1	Fennell Crescent POS	R 46170
2	Gavour Road Reserve	R 40273
3	Gillings Parade POS	R 47767
4	Grass Tree Reserve	R 50985
5	Harvey East Road Reserve	R 49263
6	Hartfield Road Creekline Reserve	R 35017
7	Kalari Drive POS	R 48696
8	Lewis Road Reserve	R 28344
9	Maamba Road POS	R 52403
10	Olivine Gardens Reserve	R 50721
11	Sheffield Estate	R 47723
12	The Promenade POS	R 48404
13	Willow Lake Estate	R 47590
14	Woodlupine Creek Undeveloped Reserve	R 49965
15	Yule Brook Estate	R 47406

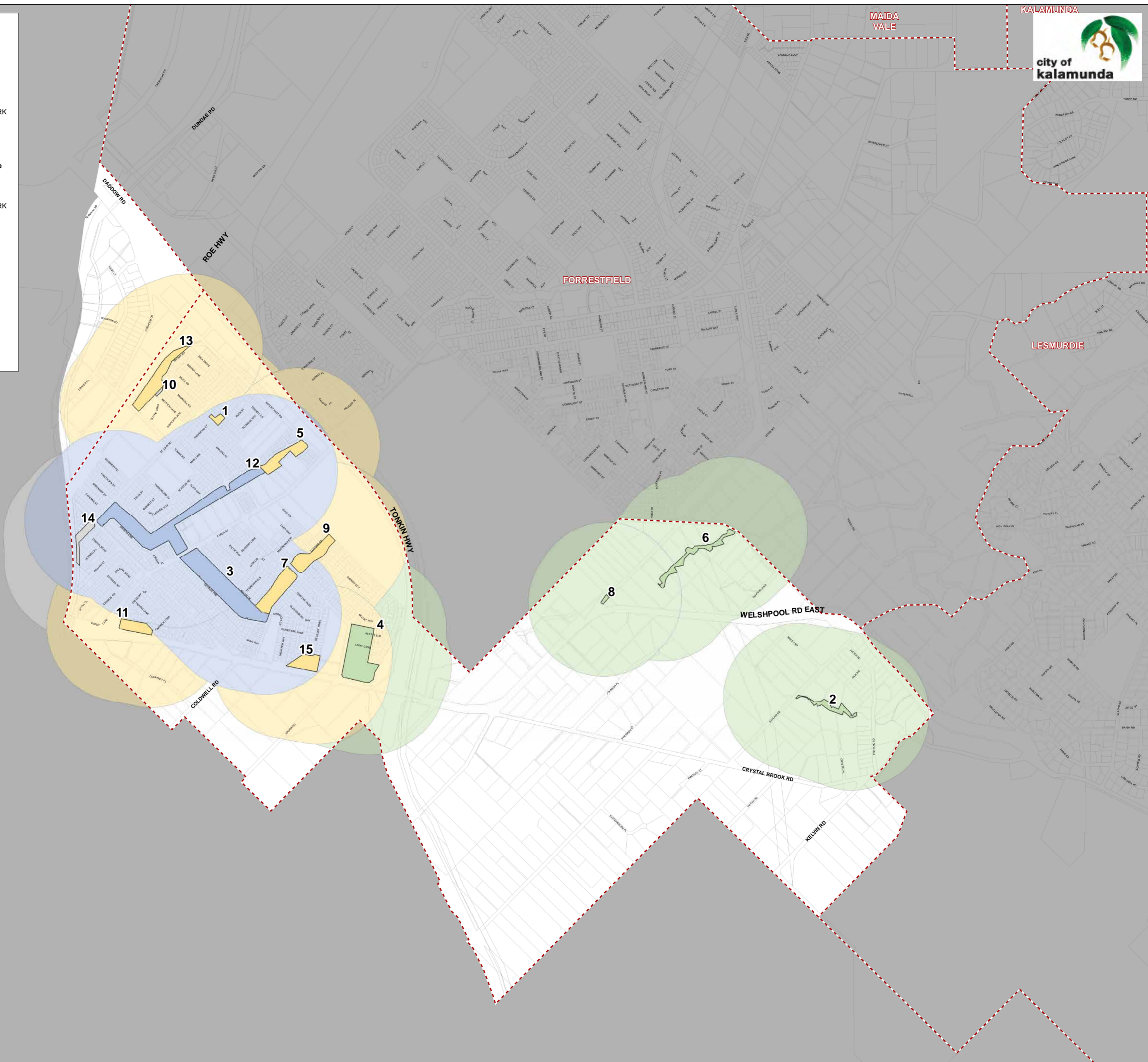
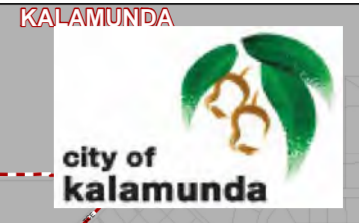
Classification	
REGIONAL PARK	
DISTRICT PARK	
NEIGHBOURHOOD PARK	
LOCAL PARK	
BIODIVERSITY ASSET	
NO CLASSIFICATION	

400m Catchments per Reserve	
REGIONAL PARK	
DISTRICT PARK	
NEIGHBOURHOOD PARK	
LOCAL PARK	
BIODIVERSITY ASSET	
NO CLASSIFICATION	

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Date: 4/4/2018

Author: GIS Coordinator



APPENDIX 10: POS ASSESSMENTS

POS Reserve Name	Reserve No.	Property No.	Property Street	Classification	Functions	Rating
Akebia Way Reserve	R 34610	45	AKEBIA WAY	LOCAL PARK	Recreation, Nature	B
Almond Way POS	R 34237	21	ALMOND WAY	LOCAL PARK	Recreation, Nature	D
Anderson Road Bushland	R 34600	121	LEWIS ROAD	BIODIVERSITY ASSET	Nature, Recreation	C
Anderson Road Park	R 36350	71	ANDERSON ROAD	LOCAL PARK	Recreation, Nature	C
Berberis Way Reserve	R 34858	65	BERBERIS WAY	LOCAL PARK	Recreation, Nature	C
Berkshire Road Reserve	R 47926	167	BERKSHIRE ROAD	NO CLASSIFICATION	No Function	D
Blackbutt Way Reserve	R 35230	10	BLACKBUTT WAY	LOCAL PARK	Recreation, Nature	C
Boodjera Bend Reserve	R 51191	10	BOODJERA BEND	LOCAL PARK	Recreation, Nature	B
Cambridge Road Reserve	R 27559	12	CAMBRIDGE ROAD	NEIGHBOURHOOD PARK	Recreation, Nature	D
Connaught Street Reserve	R 28447	35	HAREWOOD STREET	LOCAL PARK	Recreation, Nature	C
Crumpet Creek Reserve 2	R 37650	276	SULTANA ROAD EAST	BIODIVERSITY ASSET	Nature	C
Dawson Avenue Reserve	R 41189	198	DAWSON AVENUE	BIODIVERSITY ASSET	Nature	C
Dawson Park	R 35618	191	DAWSON AVENUE	NEIGHBOURHOOD PARK	Recreation, Nature	C
Edinburgh Road Reserve	R 27566	31	EDINBURGH ROAD	BIODIVERSITY ASSET	Nature	C
Fagin Way Reserve	R 36344	17	JUBILEE ROAD	LOCAL PARK	Nature, Recreation	C
Gala Way POS	R 48079	50	APRICOT STREET	LOCAL PARK	Recreation	B
Garden Brook Estate	R 33912	12	CYPRESS ROAD	NEIGHBOURHOOD PARK	Recreation, Nature	C
Gotha Way POS	R 33000	5	ABERCORN ROAD	LOCAL PARK	Recreation, Nature	D
Hale Road Easement	R 34857	14A	GIMLET COURT	LOCAL PARK	Recreation	D
Hartfield Park	R 17098	199	HALE ROAD	REGIONAL PARK	Sport, Recreation, Nature	A
Juniper Way Reserve	R 34706	85	DAWSON AVENUE	NEIGHBOURHOOD PARK	Recreation, Nature	B
Lincoln Road Reserve	R 32494	43	CUMBERLAND ROAD	LOCAL PARK	Recreation, Nature	B
Magnolia Way Reserve	R 34115	41	MAGNOLIA WAY	LOCAL PARK	Recreation	C
Orchard Park Estate 1	R 46496	14	FRUIT TREE CRESCENT	LOCAL PARK	Recreation	C
Orchard Park Estate 2	R 47765	120	FRUIT TREE CRESCENT	LOCAL PARK	Recreation	C
Orchard Park Estate 3	R 47680	81	FRUIT TREE CRESCENT	LOCAL PARK	Recreation	C
Pioneer Park	R 41156	120	DAWSON AVENUE	REGIONAL PARK	Nature	D
Preece Court Reserve	R 42353	4	PREECE COURT	BIODIVERSITY ASSET	Nature	C
Redgum Reserve	R 42573	2	REYNOLDS ROAD	NEIGHBOURHOOD PARK	Recreation, Nature	B
Stringybark Drive Reserve	R 34363	7	STRINGYBARK DRIVE	NEIGHBOURHOOD PARK	Recreation, Nature	C
Sultana Road East POS	R 48778	332	SULTANA ROAD EAST	LOCAL PARK	Recreation	C
Sussex Road Reserve	R 31690	95	SUSSEX ROAD	NO CLASSIFICATION	No Function	D
Tillia Court Reserve	R 42611	2	TILLIA COURT	LOCAL PARK	Recreation, Nature	C
Tyler Mews Park	R 37650	16	WARDA CRESCENT	NEIGHBOURHOOD PARK	Recreation, Nature	B
Virgillia Way Reserve	R 33741	33	VIRGILIA WAY	NEIGHBOURHOOD PARK	Recreation	B
Woodlupine Brook (East)	R 34250	9	STRELITZIA AVENUE	NEIGHBOURHOOD PARK	Recreation, Nature	C
Woodlupine Brook Reserve	R 32912	Lot 104	SALIX WAY	NEIGHBOURHOOD PARK	Recreation, Nature	B

APPENDIX 10: POS ASSESSMENTS

POS Reserve Name	Reserve No.	Property No.	Property Street	Classification	Function	Rating
Currawong Drive Reserve	R 33236	8A	CURRAWONG DRIVE	NO CLASSIFICATION	No Function	D
Currawong POS	R 33235	1	CURRAWONG DRIVE	LOCAL PARK	Recreation, Nature	C
Huntley Street Reserve	R 27899	71	HUNTLEY STREET	BIODIVERSITY ASSET	Nature	B
Huntley Street Reserve South	R 29403	59	HUNTLEY STREET	NO CLASSIFICATION	No Function	D
Kardina Park	R 37452	9	PEOPLES AVENUE	BIODIVERSITY ASSET	Nature	A
Katta Place Reserve	R 38964	3	KATTA PLACE	BIODIVERSITY ASSET	Nature	
Lascelles Parade Reserve 1	R 31594	19	LASCELLES PARADE	BIODIVERSITY ASSET	Nature	
Lascelles Parade Reserve 2	R 36372	50	LASCELLES PARADE	BIODIVERSITY ASSET	Nature	
Noel Road Reserve	R 30970	9	NOEL ROAD	BIODIVERSITY ASSET	Nature	
Old Railway Reserve	R 27799		William Street/Browning Way/Keats Road	BIODIVERSITY ASSET	Nature	
Sundew Road Reserve	R 28430	9	SUNDEW ROAD	BIODIVERSITY ASSET	Nature	
The Boulevard Reserve	R 27946	18	THE BOULEVARD	NEIGHBOURHOOD PARK	Recreation, Nature	
Torwood Drive Reserve 1	R 39629	38	TORWOOD DRIVE	BIODIVERSITY ASSET	Nature	
Torwood Drive Reserve 2	R 39629	26	TORWOOD DRIVE	BIODIVERSITY ASSET	Nature	
Wordsworth Reserve	R 27721	9	WORDSWORTH AVENUE	BIODIVERSITY ASSET	Recreation, Nature	
Zamia Road Reserve	R 27589	34	ZAMIA ROAD	BIODIVERSITY ASSET	Nature	B

APPENDIX 10: POS ASSESSMENTS

POS Reserve Name	Reserve No.	Property No.	Property Street	Classification	Function	Rating
Abernethy Road Reserve		Lot 101		LOCAL PARK	Recreation	C
Acton Link Reserve	R 51238	3	ACTON LINK	LOCAL PARK	Recreation, Nature	C
Adelaide Street Reserve		Lot 8000	ADELAIDE STREET	NO CLASSIFICATION	No Function	D
Agraulia Court Park	R 50010	10	AGRAULIA COURT	LOCAL PARK	Recreation	C
Bandalong Way Reserve	R 30540	67	BANDALONG WAY	NO CLASSIFICATION	No Function	D
Citrus Grove Reserve	R 28491	17A	CITRUS GROVE	NO CLASSIFICATION	No Function	D
Cyril Road Reserve	R 33977	59	SWAN ROAD	LOCAL PARK	Recreation, Nature	C
Ellis Court POS	R 40352	23	ELLIS COURT	NO CLASSIFICATION	Recreation	D
Elmore Way Park	R 47766	24	ELMORE WAY	NEIGHBOURHOOD PARK	Recreation, Nature	B
Emms Reserve	R 27815	13	WITTENOOM ROAD	LOCAL PARK	Recreation	C
Fleming Reserve	R 39218	111	NEWBURN ROAD	NEIGHBOURHOOD PARK	Sport, Recreation, Nature	A
Gladys Newton Park	R 47320	41	HAWKEVALE ROAD	NEIGHBOURHOOD PARK	Recreation, Nature	C
Jacaranda Springs Estate	R 47570	3	BOWDEN DRIVE	NEIGHBOURHOOD PARK	Recreation, Nature	A
Jacaranda Springs Estate 2	R 46991	5	BENSON WAY	LOCAL PARK	Recreation	B
Jacaranda Springs Estate 3	R 46997	12	FOXTON BOULEVARD	LOCAL PARK	Recreation	B
John McLarty Park	R 41731	18	MACLARTY WAY	LOCAL PARK	Recreation, Nature	C
Larwood Crescent POS	R 48863	25	NOTTINGHAM GREEN	LOCAL PARK	Recreation	C
Mackenzie Park	R 29104	38	NETHERWOOD ROAD	LOCAL PARK	Recreation	B
Markham Road Reserve	R 26063	11	MARKHAM ROAD	BIODIVERSITY ASSET	Nature	B
Ollie Worrell Reserve	R 43068	70	WORRELL AVENUE	NEIGHBOURHOOD PARK	Recreation	B
Peter Annus Park	R 36287	51	SWAN ROAD	LOCAL PARK	Recreation	C
Peter Hegney Park	R 40529	63	KOOKABURRA CRESCENT	LOCAL PARK	Recreation	C
Pine Tree Reserve	R 42607	10	O'CONNELL WAY	LOCAL PARK	Recreation	C
Poison Gully Littlefield	R 36492	29	LITTLEFIELD ROAD	BIODIVERSITY ASSET	Nature	B
Poison Gully Milner	R 36492	14	MILNER ROAD	BIODIVERSITY ASSET	Nature	B
Poison Gully Springvale/Bluebell Park	R 51230	Lot 20	BLUEBELL AVENUE	LOCAL PARK	Recreation, Nature	B
Poison Gully West	R 40228	195	DUNDAS ROAD	BIODIVERSITY ASSET	Nature	B
Progress Park	R 31571	13	BANDALONG WAY	LOCAL PARK	Recreation	B
Rangeview Park	R 36297	40	SWAN ROAD	NEIGHBOURHOOD PARK	Sport, Recreation	B
Robert Hewson Park	R 36478	29	MURRAY DRIVE	LOCAL PARK	Recreation	B
Scott Reserve	R 34946	30	NORLING ROAD	DISTRICT PARK	Sport, Recreation	B
Swan Road Reserve	R 33221	8A	SUTTON ROAD	LOCAL PARK	Recreation	D
Viv Robinson Park	R 42697	64	WITTENOOM ROAD	LOCAL PARK	Recreation	C

APPENDIX 10: POS ASSESSMENTS

POS Reserves Name	Reserve No.	Property No.	Property Street	Classification	Function	Rating
Andrew Street Reserve	R 35996		6 ANDREW STREET	BIODIVERSITY ASSET	Nature	
Beenup Place Reserve	R 39684		2 BEENUP PLACE	NO CLASSIFICATION	No Function	D
Broula Road Reserve	R 28175		10 BROULA ROAD	LOCAL PARK	Recreation	C
Coral Road Reserve	R 31447		44 CORAL ROAD	BIODIVERSITY ASSET	Nature	
Crayden Road Reserve	R 28860		11 CRAYDEN ROAD	BIODIVERSITY ASSET	Nature	
Crocus Road Reserve	R 24130		24 CROCUS ROAD	BIODIVERSITY ASSET	Nature	
Dixon Road Reserve	R 31842		19 DIXON ROAD	BIODIVERSITY ASSET	Nature	
Dixon Road Reserve 1			6 DIXON ROAD	BIODIVERSITY ASSET	Nature	
Dixon Road Reserve 2	R 25574		60 DIXON ROAD	BIODIVERSITY ASSET	Nature	
East Terrace Reserve	R 35412		30 EAST TERRACE	BIODIVERSITY ASSET	Nature	
Gunbar Way Reserve	R 28896		6 GUNBAR WAY	NO CLASSIFICATION	No Function	D
Guppy Road Reserve	R 17503		2 GUPPY ROAD	BIODIVERSITY ASSET	Nature	
Headingly Road Reserve	R 31117		26 HEADINGLY ROAD	BIODIVERSITY ASSET	Nature	
Herald Close Reserve	R 31448		5 HERALD CLOSE	NO CLASSIFICATION	No Function	D
Holly West Way Reserve	R 37699		5 HOLLY WAY WEST	BIODIVERSITY ASSET	Nature	
J.Miller Park	R 37394		5 MANOOKA WAY	NO CLASSIFICATION	No Function	D
Kostera Oval	R 2935		3 RECREATION ROAD	DISTRICT PARK	Sport, Recreation	A
Lalor Place POS	R 36865		12 LALOR PLACE	LOCAL PARK	Nature	C
Nangkita Way Reserve 1*	R 32277		30 NANGKITA ROAD	LOCAL PARK	Recreation	C
Nangkita Way Reserve 2*	R 30693		13 NANGKITA ROAD	LOCAL PARK	Recreation, Nature	C
Old Railway Reserve Kalamunda	R 22576	2A	MUNDARING WEIR ROAD	BIODIVERSITY ASSET	Nature, Recreation, Sport	
Orange Valley Road Reserve 2	R 26143	103A	ORANGE VALLEY ROAD	BIODIVERSITY ASSET	Nature	
Orange Valley Road Reserve	R 33340		116 ORANGE VALLEY ROAD	BIODIVERSITY ASSET	Nature	
Pauline Avenue Reserve	R 25398		14 PAULINE AVENUE	BIODIVERSITY ASSET	Nature	
Petunia Street POS	R 36241		25 PETUNIA STREET	BIODIVERSITY ASSET	Nature	
Petunia Street Reserve 1	R 29132		13 PETUNIA STREET	BIODIVERSITY ASSET	Nature	
Roach Road Reserve	R 28183		71 MUNDARING WEIR ROAD	BIODIVERSITY ASSET	Nature	
Simeon Close Reserve	R 36352		8 SIMEON CLOSE	LOCAL PARK	Nature	D
Spring Road North Nature Reserve	R 33453		107 SPRING ROAD	BIODIVERSITY ASSET	Nature	
Spring Road Reserve	R 31065		67 SPRING ROAD	BIODIVERSITY ASSET	Nature	
Stanhope Road Reserve	R 17503	Lot 6	STANHOPE ROAD	BIODIVERSITY ASSET	Nature	
Stirk Park	R 41268		18 KALAMUNDA ROAD	DISTRICT PARK	Sport, Recreation	A
Taylor Road Reserve	R 26610		13 TAYLOR ROAD	BIODIVERSITY ASSET	Nature	
Traylen Road Reserve	R 28787		80 TRAYLEN ROAD	BIODIVERSITY ASSET	Nature	

APPENDIX 10: POS ASSESSMENTS

POS Reserve Name	Reserve No.	Property No.	Property Street	Classification	Function	Rating
Anthony Heslop Reserve	R 27730	15	ANTHONY STREET	BIODIVERSITY ASSET	Nature	
Anthony Street Reserve	R 31692	44	ANTHONY STREET	NO CLASSIFICATION	No Function	D
Barbigal Place Reserve 1	R 34791	129	ORANGE VALLEY ROAD	BIODIVERSITY ASSET	Nature	
Barbigal Place Reserve 2	R 33754	30	BARBIGAL PLACE	BIODIVERSITY ASSET	Nature	
Basildon Reserve	R 24948	41	BASILDON ROAD	BIODIVERSITY ASSET	Nature	
Bill Shaw Reserve	R 32507	302	CANNING ROAD	NEIGHBOURHOOD PARK	Recreation, Nature	A
Elmwood Crescent Reserve	R 30693	17	ELMWOOD CRESCENT	BIODIVERSITY ASSET	Nature	
Falls Road Reserve	R 29998	3	FALLS ROAD	BIODIVERSITY ASSET	Nature	
Flora Terrace Reserve	R 29757	29	FLORA TERRACE	NEIGHBOURHOOD PARK	Recreation, Nature	B
Ford Road Reserve	R 32119	61	FORD ROAD	BIODIVERSITY ASSET	Nature	
Fred Eversden Reserve	R 23383	22	FALLS ROAD	NEIGHBOURHOOD PARK	Nature, Recreation	
Gladys Road Reserve 2	R 34454	21	GLADYS ROAD	BIODIVERSITY ASSET	Nature	
Gladys Road Reserve	R 27817	91	GLADYS ROAD	BIODIVERSITY ASSET	Nature	
Glen Road POS	R 29384	27	GLEN ROAD	LOCAL PARK	Recreation	C
Godwin Street Reserve	R 28212	5	GRANBY STREET	BIODIVERSITY ASSET	Nature	
Goodall Street Reserve	R 33646	20	GOODALL STREET	BIODIVERSITY ASSET	Nature	
Hugh Sanderson Reserve	R 34183	54	CHISLEHURST ROAD	BIODIVERSITY ASSET	Nature	
Joyce Street Reserve 1	R 27465	26	JOYCE STREET	BIODIVERSITY ASSET	Nature	
Joyce Street Reserve 2	R 34809	52	JOYCE STREET	BIODIVERSITY ASSET	Nature	
Kershaw Avenue Reserve	R 26754	Lot 597	KERSHAW AVENUE	BIODIVERSITY ASSET	Nature	
Lawley Road Reserve	R 31581	21	LAWLEY ROAD	BIODIVERSITY ASSET	Nature	
Lesmurdie Road Reserve	R 32300	391	LESMURDIE ROAD	NO CLASSIFICATION	No Function	D
Mario Court POS	R 41036	5	MARIO COURT	LOCAL PARK	Recreation	D
Mary Drive Reserve	R 26557	13	MARY DRIVE	BIODIVERSITY ASSET	Nature	
Mick Conti Park	R 35468	406	LESMURDIE ROAD	LOCAL PARK	Recreation	B
Nangkita Way Reserve 2*	R 30693	13	NANGKITA ROAD	LOCAL PARK	Recreation, Nature	C
Neil Tonkin Park/Falls Farm Reserve	R 38569	229	LESMURDIE ROAD	NEIGHBOURHOOD PARK	Recreation, Nature	C
Nelson Crescent Reserve 2	R 28305	64	NELSON CRESCENT	BIODIVERSITY ASSET	Nature	
Nelson Crescent Reserve	R 32713	41	NELSON CRESCENT	BIODIVERSITY ASSET	Nature	
Northolt Street Reserve	R 29873	Lot 551	NORTHOLT STREET	BIODIVERSITY ASSET	Nature	
Orange Valley Road Reserve 2	R 26143	103A	ORANGE VALLEY ROAD	BIODIVERSITY ASSET	Nature	
Pagotto Park	R 26531	80	TRAFALGAR ROAD	LOCAL PARK	Recreation, Nature	C
Peter Thiel Reserve	R 34666	39	KATHLEEN ROAD	LOCAL PARK	Recreation	C
Ray Owen Reserve	R 26127	96	GLADYS ROAD	REGIONAL PARK	Sport, Recreation, Nature	B
Ryan Way Reserve	R 29947	10	RYAN WAY	BIODIVERSITY ASSET	Nature	
Sanderson Road Reserve/Pax Hill	R 29190	4	VARLEY STREET	NO CLASSIFICATION	No Function	D
Seaton Park	R 33760	21	FLETCHER ROAD	NEIGHBOURHOOD PARK	Recreation	B
Silverdale Road Reserve	R 25189	15	SILVERDALE ROAD	BIODIVERSITY ASSET	Nature	
Stirkwood Estate Reserve	R 50011	Lot 4000	KEANE STREET	BIODIVERSITY ASSET	Nature	
Stone Road Reserve	R 37395	5	STONE ROAD	BIODIVERSITY ASSET	Nature	
Tindale Road Reserve	R 33757	13	TINDALE ROAD	BIODIVERSITY ASSET	Nature	
Trafalgar Road Reserve	R 27570	32	TRAFALGAR ROAD	BIODIVERSITY ASSET	Nature	
Trott Road Reserve	R 34076	14	TROTT ROAD	BIODIVERSITY ASSET	Nature	
Turner Park	R 28624	4	TURNER GROVE	BIODIVERSITY ASSET	Nature, Recreation	
Vernallan Way Reserve	R 29107	7	KARRALIKA AVENUE	BIODIVERSITY ASSET	Nature	
Victory Place Reserve	R 30186	16	VICTORY PLACE	BIODIVERSITY ASSET	Nature	
Willoughby Reserve	R 29873	39	SANDERSON ROAD	BIODIVERSITY ASSET	Nature	

APPENDIX 10: POS ASSESSMENTS

POS Reserve Name	Reserve No.	Property No.	Property Street	Classification	Function	Rating
Berry Drive Reserve	R 32230	30	BERRY DRIVE	LOCAL PARK	Recreation, Nature	C
Booralie Way Reserve	R 32613	57	BOORALIE WAY	NEIGHBOURHOOD PARK	Recreation, Nature	B
Bugendore Street Reserve	R 38541	35	BUGENDORE STREET	BIODIVERSITY ASSET	Nature	A
Casuarina Road Reserve	R 38489	32	CASUARINA ROAD	BIODIVERSITY ASSET	Nature	
Crumpet Creek Reserve 2	R 37650	265	SULTANA ROAD EAST	BIODIVERSITY ASSET	Nature	B
Davies Park	R 28852	11	GORDON STREET	LOCAL PARK	Recreation	
Hawtin Road Reserve 1	R 27792	21	HAWTIN ROAD	BIODIVERSITY ASSET	Nature	A
Kalamunda Road Reserve	R 41480	365	KALAMUNDA ROAD	LOCAL PARK	Recreation, Nature	C
Maida Vale Recreation Reserve	R 14088	20	RIDGE HILL ROAD	REGIONAL PARK	Sport, Recreation, Nature	B
Meloway Drive Reserve	R 32108	52	MELOWAY DRIVE	LOCAL PARK	Recreation, Nature	C
Millson Reserve	R 31954	14A	HEWSON PLACE	BIODIVERSITY ASSET	Nature	A
Nestle Brae Creek Reserve	R 35209	8	GUMNUT CLOSE	LOCAL PARK	Recreation, Nature	D
Norwood Reserve	R 22502	87	HAWTIN ROAD	BIODIVERSITY ASSET	Nature	A
Poison Gully Creek Reserve	R 45989	9	TREE FERN GREEN	BIODIVERSITY ASSET	Nature	B
Poison Gully Pinker Crescent	R 48084	19	MAIDA VALE ROAD	LOCAL PARK	Recreation, Nature	
Saddleback Circle Reserve	R 38271	30	SADDLEBACK CIRCLE	NEIGHBOURHOOD PARK	Recreation	C
Scenic Drive Reserve	R 33433	22	SCENIC DRIVE	BIODIVERSITY ASSET	Nature	A

APPENDIX 10: POS ASSESSMENTS

POS Reserve Name	Reserve No.	Property No.	Property Street	Property Suburb	Classification	Function	Score	Rating
Anne Avenue Reserve	R 25424	6	ANNE AVENUE	WALLISTON	NO CLASSIFICATION	No Function	1.59	D
Banksia Road Reserve	R 34393	41	BANKSIA ROAD	WALLISTON	BIODIVERSITY ASSET	Nature		
Broadway Road Reserve	R 30898	24	SECOND AVENUE	BICKLEY	BIODIVERSITY ASSET	Nature		
Carmel Reserve	R 17358	29	UNION ROAD	CARMEL	BIODIVERSITY ASSET	Nature		
Currawong Reserve	R 28858	45	LESMURDIE ROAD EAST	WALLISTON	BIODIVERSITY ASSET	Nature		
First Avenue Reserve	R 39948	23	LAWNBROOK ROAD EAST	BICKLEY	BIODIVERSITY ASSET	Nature		
George Spriggs Reserve	R 52678	35	WESTON ROAD	PICKERING BROOK	DISTRICT PARK	Sport, Recreation, Nature	3.41	B
Laurence Road Reserve	R 34394	15	LESMURDIE ROAD EAST	WALLISTON	BIODIVERSITY ASSET	Nature		
Lawnbrook Road Reserve	R 17574	11	LAWNBROOK ROAD EAST	BICKLEY	LOCAL PARK	Recreation, Nature	2.18	C
Marko Travicich Reserve	R 15470	121	CARMEL ROAD	CARMEL	BIODIVERSITY ASSET	Nature		
Norma Street POS	R 31828	17	NORMA STREET	WALLISTON	NO CLASSIFICATION	No Function	1.71	D
Norma Street Reserve	R 25425	6	NORMA STREET	WALLISTON	LOCAL PARK	Recreation, Nature	2.18	C
Pickering Brook Golf Course	R 52678	10	PICKERING BROOK ROAD	PICKERING BROOK	BIODIVERSITY ASSET	Nature, Sport		
Raymond Road POS	R 28859	9	RAYMOND ROAD	WALLISTON	BIODIVERSITY ASSET	Nature		
Second Avenue Reserve	R 17573	Lot 52	NAIRN ROAD	BICKLEY	BIODIVERSITY ASSET	Nature		

APPENDIX 10: POS ASSESSMENTS

POS Reserve Name	Reserve No.	Property No.	Property Street	Classification	Function	Score	Rating
Fennell Crescent POS	R 46170	82	FENNELL CRESCENT	LOCAL PARK	Recreation	2.76	C
Gavour Road Reserve	R 40273	21	CRYSTAL PLACE	BIODIVERSITY ASSET	Nature		
Gillings Parade POS	R 47767	50	GILLINGS PARADE	NEIGHBOURHOOD PARK	Recreation, Nature	3	B
Grass Tree Reserve	R 50985	Lot 501	MAAMBA ROAD	BIODIVERSITY ASSET	Nature		
Hardey East Road Reserve	R 49263	Lot 128	HARDEY EAST ROAD	LOCAL PARK	Recreation, Nature	2	C
Hartfield Road Creekline Reserve	R 35017	176	HARTFIELD ROAD	BIODIVERSITY ASSET	Nature		
Kalari Drive POS	R 48696	15	KALARI DRIVE	LOCAL PARK	Recreation, Nature	3.47	B
Lewis Road Reserve	R 28344	2	LEWIS ROAD	BIODIVERSITY ASSET	Nature		
Maamba Road POS	R 52403	Lot 827	MAAMBA ROAD	LOCAL PARK	Recreation	2.53	C
Olivine Gardens Reserve	R 50721	6	OLIVINE GARDENS	NO CLASSIFICATION	No Function	1.18	D
Sheffield Estate	R 47723	30	FREEDUFF DRIVE	LOCAL PARK	Recreation	3	B
The Promenade POS	R 48404	40	THE PROMENADE	NEIGHBOURHOOD PARK	Recreation, Nature	3.53	B
Willow Lake Estate	R 47590	45	MAGMA ROAD	LOCAL PARK	Recreation	2.76	C
Woodlupine Creek Undeveloped Reserve	R 49965	2	CHERVIL BEND	NO CLASSIFICATION	No Function	1.35	D
Yule Brook Estate	R 47406	31	REGENCY RAMBLE	LOCAL PARK	Recreation	3	B

APPENDIX 11: ASSESSMENT MATRIX

Description	1	2	3	4	5
Location					
Accessibility	Site is on opposite side of a major barrier (major road, rail, water feature etc.) No footpath.	Site maybe on opposite side of a major barrier. Access by car is difficult as there is one road access which is difficult to traverse (may involve many turns, bends and cul-de-sacs). Minimal footpath provision.	Access is reasonable, however pedestrians must either cross a busy road or take a long route to access the site. Minimal footpath provision. There is a need for cars to take a circuitous route or cross a busy road to get there.	Access to the site is good. No major barriers or hazards. Footpath provision connects to the site, however does not traverse through the POS. There are multiple routes for cars to access the site.	Access to the site is excellent without the need to cross or face significant hazards. There are multiple footpath connections and the footpath traverses across the POS. Footpath connections are safe. There are multiple routes for cars to access the site.
Public Transport	There is no public transport within reasonable walking distance of the site (400m).	There is one transit route, however either it is very irregular or is between 200-400m from the site.	There is one regular transit route within close proximity of the site (within 200m), or there are multiple transit routes that are either very irregular or between 200-400m from the site.	There are two regular transit routes within close proximity to the site (within 200m).	There are at least three regular transit routes within close proximity to the site.
Personal safety, lighting, visibility and security	Obstructed lines of sight, no overlooking residential properties and low usage / passing pedestrians. Site and access routes feel unsafe at all times. No lighting.	Informal overlooking residential properties. No lighting. Site and access routes feel unsafe at all times.	Informal overlooking residential properties and low apparent usage. Site and access routes feel safe in daylight but inadequate lighting for use in the evenings/night time.	Mixed levels of overlooking properties. There may be street lighting which lights up the periphery of the site or lighting that only covers small areas of the site. Floodlights only utilised for sporting events.	Good level of overlooking, unobstructed views and high frequency of pedestrian movement. Site and access routes feel safe at all times and have good signposted entrance and exit routes which are well lit when accessible by the public. Site is located away from extremely busy roads.

APPENDIX 11: ASSESSMENT MATRIX

Description	1	2	3	4	5
Location					
Disability Access	Disabled access is poor with uneven surfaces. Inaccessible entry points and limited or no provision for disability use or parking. No accessible feature such as picnic table.	There are pathways provided, however they are not well maintained. Pathways don't lead to any features of interest.	Disabled access is reasonable with sealed surfaces throughout the POS. Accessible entry points provided with limited disability provision or parking.	Most of the site can be accessed by all members of the public. ACROD parking may not be provided.	Fully accessible by members of the public with limited mobility and all ancillary facilities cater for a variety of abilities including ACROD parking.
Site Design	There are no site features (including changing facilities, equipment, natural features and landscaping).	Features (including changing facilities, equipment, natural features and landscaping) are at basic level only and add little to the value of the open space for its intended function.	Features (including changing facilities, equipment, natural features and landscaping) are more than a basic level and add reasonable value to the open space for its intended function.	Features (including changing facilities, equipment, natural features and landscaping) are more than a basic level and add significant value to the open space for its intended function.	Features (including changing facilities, equipment, natural features and landscaping) are of a high standard and add significantly to the value of the open space for its intended function.
Open Space Usage Value					
Toilets/Changing Facilities	No accessible toilets and/or changing rooms.	Toilet and/or changing rooms poorly maintained and/or not accessible by the general public. Toilets and/or changing rooms may be located offsite.	Toilets and / or changing rooms available and adequately maintained, but may have time limited access or are locked (by a club / association) for large periods of time or poorly located.	Fully accessible, well maintained toilets and / or changing rooms available for the public whilst at the site. Does not have changing facilities for all ages including disability provision and/or does not have sufficient amount of toilets provided for the user group.	Fully accessible, well maintained toilets and / or changing rooms available for the public whilst at the site. Changing facilities for all ages including disability provision. Sufficient amount of toilets provided for the user group.

APPENDIX 11: ASSESSMENT MATRIX

Description	1	2	3	4	5
Open Space Usage Value					
Car Parking (on or off site)	No available car parking (other than on street or side roads).	Limited car parking offsite.	Limited car parking on site or sufficient car parking offsite.	Moderate levels of car parking on site.	Extensive car parking which caters for multiple team sports or events.
Numbers of different uses catered for (see glossary for different uses)	No uses catered for	Local or Neighbourhood Park: 1 District or Regional Park: 1-2	Local or Neighbourhood Park: 2-3 District or Regional Park: 3-4	Local or Neighbourhood Park: 4-5 District or Regional Park: 5-6	Local or Neighbourhood Park: 6+ District or Regional Park: 7+
Seating and Picnic Areas	No seating for adults. No picnic areas	Limited seating. No picnic areas.	Limited seating or seating is not well sited. Picnic areas provided but in poor condition/ limited for park area.	Good level of seating. Picnic areas provided. Natural and Shade Structures provided.	Good level of seating dispersed throughout the site area for observing play, sport and general relaxation. Adults can sit and observe children playing. Natural and structural shade provided. Picnic areas provided for a large number /family groups with shade, good accessibility and well maintained.
Dog Free Areas	Evidence of dog fouling.	There is no signage stating whether dogs are permitted, there is no evidence of fouling.	There is no signage on whether dogs are permitted. Bins provided with bags for picking up dog fouling.	Management of dog fouling in place through bins and bags for picking up dog fouling, clarification of dog free areas and leash areas through signage. No evidence of fouling.	Signs discouraging owners from bringing dogs to the site, no evidence of fouling.

APPENDIX 11: ASSESSMENT MATRIX

Description	1	2	3	4	5
Care and Maintenance					
Well Maintained	Extensive litter or hazardous debris, planting in poor condition, unacceptable graffiti present. Infrequently mown/overgrown lawn and weedy areas present.	Infrequently mown/overgrown lawn and weedy areas present. Some litter and evidence of graffiti	Some litter and evidence of graffiti which has been regularly cleaned / addressed as part of the day to day management of the site. Mown areas and weed free garden beds.	No evidence of litter or hazardous items, planting and pitch provision is regularly maintained for all levels of use. No unacceptable graffiti. Regular mowing of most lawn areas. Limited weeds.	No evidence of litter or hazardous items, well drained where appropriate, planting and pitch provision is regularly maintained for all levels of use. No unacceptable graffiti. Regular mowing of all lawn areas, weed free, mulched garden beds with adequate, suitable planting and irrigation.
Aesthetic Value	Site looks uninviting and unappealing.	Site looks uninviting and unappealing. There is some vegetation which provides some screening of the unappealing site.	Site has some attractive areas which are appealing for visitors, however some areas of the site are also unappealing.	Most areas of the site are appealing. Those sites that are unappealing may not be easily visible or have limited use.	The site is very appealing; the scenery is of high value and adds to the appeal and social expectation of the surrounding area.
Reticulation Present	No reticulation evident.	Very limited reticulation. A creek or drainage feature may provide some natural reticulation.	Limited reticulation related mainly to playing surfaces.	Reticulation through most of the park.	Reticulation throughout the park area evenly distributed.
Litter Bins	No litter bins.	Bins in poor condition.	Limited bins, not full (regularly emptied) and in adequate condition.	Moderate allocation of bins that are in good condition.	Bins in good condition located throughout the park area with appropriate signage.

APPENDIX 11: ASSESSMENT MATRIX

Description	1	2	3	4	5
Environmental Value					
Vegetation Quantity	No vegetation.	Very minimal vegetation. Bushland shape has exposed perimeter - long and thin.	There is some vegetation, however it is either sparsely distributed throughout the site, or the vegetation present is non-native. Maybe some significant amounts of vegetation, however the vegetation is young and not well established. Bushland shape is small rectangular / circular.	Significant amounts of vegetation. Most of the vegetation is native. Bushland shape is large and rectangular / circular.	Significant amounts of vegetation. Vegetation is native and in good health. Vegetation is mature with evidence of self-perpetuation. Bushland shape is large and rectangular / circular.
Ecological Community / Vegetation Quality	Ecological community is non-existing. There is no vegetation to support an ecological community.	Ecological community is small. Evidence of wildlife is limited (only invertebrates). There are weeds present. No adequate drainage. Erosion or site degradation present.	Ecological community is small. Evidence of wildlife is limited (only invertebrates and small reptiles). There are weeds present and some adequate drainage. The vegetation is young and not well established. Limited vegetation species diversity.	Supports a native ecological community. Evidence of native animals present at the site or utilising the site (birds, invertebrates and reptiles). Well maintained. Some of the vegetation may be immature. There may be a limit in vegetation species diversity.	Supports a large healthy native ecological community. Evidence for a broad range of native animals present at the site or utilising the site (mammals, birds, reptiles, invertebrates). Well maintained. No sign of invasive/pest species affecting the ecosystem. A healthy wetland or creek present. No weed species evident. Vegetation is mature with evidence of self-perpetuation. There is a diversity of species.

APPENDIX 11: ASSESSMENT MATRIX

Description	1	2	3	4	5
Environmental Value					
Streetscapes	No trees. Verge not wide enough or not suitable with the surrounding infrastructure.	Verge may be sized well, yet does not support any trees for shade.	Some trees, poorly maintained and/or not suitable species, sparsely located to provide adequate shade.	Appropriate species of tree and/or well maintained. Shade provided is good in some locations, however could be improved in other areas.	Significant amounts of shade provided by trees and ample amount of verge space which allows for ecological linkages, understory evident and well-maintained for sightlines, BPZ and free of weeds. Culturally appealing, compatible with infrastructure.

APPENDIX 12: POS POTENTIAL TRANSFER AND IMPROVEMENT SITES

High Priority: 1-5 Years		Medium Priority: 3-8 years		Low Priority: 6+ Years (Review periodically)	
Reserve	Reserve No.	Rating	Description	Action	Priority
Forrestfield – 62.77ha @ 11.12%					
Accumulative Potential Transfer = 9.87ha. Reduces Forrestfield POS to 57.84ha and 10.25%					
Almond Way POS	R 34237	D	Local Park which is an island that Almond Way surrounds. Low quality and function.	Improve. As funding and resources allow, project specific brief required. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically. Potential Transfer. If deemed more appropriate swap action with Anderson Road Park. Transfer of either park to fund the improvement of the other. 0.21ha. Reduces Forrestfield POS to 62.54ha and 11.08%. Requires community consultation.	Medium
Anderson Road Park	R 36350	C	Local Park of low quality. Located 80m from Almond Way POS.	Potential Transfer. If deemed more appropriate swap action with Almond Way POS. Transfer of either park to fund the improvement of the other. 0.21ha. Reduces Forrestfield POS to 62.54ha and 11.08%. Requires community consultation. Improve. As funding and resources allow, project specific brief required. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically.	Medium
Berberis Way Reserve	R 34858	C	Small reserve serves as access way between two cul-de-sacs.	No Action required.	Review Periodically
Berkshire Road Reserve	R 47926	D	Vacant cleared land with no infrastructure or vegetation. No quality or function. Neighbours commercial lot.	Potential Transfer. 0.2ha. Reduces Forrestfield POS to 62.55ha and 11.09%. Requires community consultation.	Transfer Schedule to be determined – Action 2.2.1

APPENDIX 12: POS POTENTIAL TRANSFER AND IMPROVEMENT SITES

Reserve	Reserve No.	Rating	Description	Action	Priority
Blackbutt Way Reserve	R 35230	C	Local Park which is an island surrounded by Blackbutt Way. Low quality and function.	Improve. As funding and resources allow, project specific brief required. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically.	Medium
Cambridge Road Reserve	R 27559	D	Large reserve with drainage and dispersed natural vegetation. Identified as potential location for aged person development. Refer to Cambridge Road Recreational Reserve Report prepared by The Planning Group 2012. Concept plans identified up to 4ha to be developed with remainder to be retained POS. Hester Land Assessment Report 2011 recommends partial transfer with partial area retained for POS.	Potential Transfer. 8.94ha. Noting that transfer would likely not exceed 4ha. Transfer of up to 4ha Reduces Forrestfield POS to 58.77 and 10.42%. Requires community consultation. Improve. As funding and resources allow, project specific brief required. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically. It is noted that work has already begun on this project.	High
Connaught Street Reserve	R 28447	C	Local Park of reasonable quality and function. Eastern portion of reserve on the east side of Cowra Street was identified in the Hester Land Assessment Report 2011 for transfer with funds being re-invested into more strategic recreation reserves in the district. Important strategic location due to size of the reserve providing potential for multiple uses.	Improve. As funding and resources allow, project specific brief required. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically. Potential Transfer (East Portion). 0.18ha. Reduced Forrestfield POS to 62.59ha and 11.09%. Requires community consultation.	High
Dawson Park	R 35618	C	District Park with sporting oval and areas of natural vegetation. Reasonable quality and function.	Improve. As funding and resources allow, project specific brief required. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically.	High
Fagin Way Reserve	R 36344	C	Small reserve serves as access way between Fagin Way and Jubilee Road.	Improve. As funding and resources allow, project specific brief required. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically.	Low

APPENDIX 12: POS POTENTIAL TRANSFER AND IMPROVEMENT SITES

Reserve	Reserve No.	Rating	Description	Action	Priority
Gala Way POS	R 48079	C	Local Park of reasonable quality.	No Action required. Ensure maintained to acceptable standard. Review periodically.	Review Periodically
Gotha Way POS	R 33000	D	Local Park which is an island that Gotha Way surrounds. Located 150m from Hartfield Park and Connaught Street Reserve.	Potential Transfer. 0.36ha. Reduces Forrestfield POS to 62.41ha and 11.06%. Requires community consultation.	Transfer Schedule to be determined – Action 2.2.1
Hale Road Easement	R 34857	D	Long reserve which provides a connection through Forrestfield north-south. Transmission corridor runs along it.	Improve. As funding and resources allow, project specific brief required. Prioritise pedestrian/cycling access and beautification. Review periodically.	High
Lincoln Road Reserve	R 32494	B	Large local park of reasonable quality and functionality. Important strategic location due to proximity to Activity Centre and size of the reserve providing potential for multiple uses.	Improve. As funding and resources allow, project specific brief required. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically.	High
Magnolia Way Reserve	R 34115	C	Local Park of reasonable quality. Next to Forrestfield District Centre. Hester Land Assessment Report 2011 recommends transfer with funds being re-invested into more strategic recreation reserves in the district.	Improve. As funding and resources allow, project specific brief required. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Consider key linkages with Forrestfield District Activity Centre and Woodlupine Brook Reserve. Review periodically.	High
Orchard Park Estate 1	R 46496	C	Local Park of reasonable quality.	No Action required. Ensure maintained to acceptable standard. Review periodically.	Review Periodically
Orchard Park Estate 2	R 47765	C	Local Park of reasonable quality.	No Action required. Ensure maintained to acceptable standard. Review periodically.	Review Periodically
Orchard Park Estate 3	R 47680	C	Local Park of reasonable quality.	No Action required. Ensure maintained to acceptable standard. Review periodically.	Review Periodically

APPENDIX 12: POS POTENTIAL TRANSFER AND IMPROVEMENT SITES

Reserve	Reserve No.	Rating	Description	Action	Priority
Pioneer Park	R 41156	D	Regional Park fenced off with very limited use. Previously a multi-purpose sports facility. Contaminated site that required remediation to be functioning reserve. Hester Land Assessment Report 2011 recommends long term opportunity requiring detailed structure planning process to be undertaken.	Investigate costs of remediation and most suitable course of action.	High
Sultana Road East POS	R 48778	C	Local Park of reasonable quality. Hester Land Assessment Report 2011 recommends rationalisation of reserve.	No Action required. Ensure maintained to acceptable standard. Review periodically.	Review Periodically
Sussex Road Reserve	R 31690	D	Small reserve of low quality and function. Natural vegetation present. Identified in Hester Land Assessment Report 2011 for transfer with funds being re-invested into more strategic recreation reserves in the district.	Potential Transfer. 0.16ha. Reduces Forrestfield POS to 62.16ha and 11.02%. Requires community consultation.	Transfer Schedule to be determined – Action 2.2.1
Tillia Court Reserve	R 42611	C	Local Park of reasonable quality. Hester Land Assessment Report 2011 recommends that further investigation required to identify ability to transfer of site.	No Action required. Ensure maintained to acceptable standard. Review periodically.	Review Periodically
Gooseberry Hill – 8.36ha @ 2.36% No transfers proposed					
Currawong Drive Reserve	R 33236	D	Large reserve of low quality and function. Large amounts of vegetation and poorly maintained.	Improve. As funding and resources allow, project specific brief required. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically.	Low
Currawong POS	R 33235	C	Local Park of reasonable quality. Difficult to access/know it exists.	Improve. As funding and resources allow, project specific brief required. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically.	Low

APPENDIX 12: POS POTENTIAL TRANSFER AND IMPROVEMENT SITES

Reserve	Reserve No.	Rating	Description	Action	Priority
Huntley Street Reserve South	R 29403	D	Vacant land with existing vegetation. Wedged between residential lots and restricted access due to its location. Very little scope for any possible action.	No Action possible. Review periodically.	Review Periodically
High Wycombe – 41.40ha @ 8.68% Accumulative Potential Transfer = 1.35ha. Reduces High Wycombe POS to 39.89ha and 8.36% *Note that Forrestfield North likely to increase High Wycombe POS percentage above 10%					
Abernethy Road Reserve		C	Large reserve at Abernethy Road/Kalamunda Road intersection. Limited function and hard to access for pedestrian. Could potentially be used for road widening/upgrades in the future.	No Action required. Ensure maintained to acceptable standard. Review periodically.	Review Periodically
Acton Link Reserve	R 51238	C	Local Park with of reasonable quality and limited function.	No Action required. Ensure maintained to acceptable standard. Review periodically.	Review Periodically
Adelaide Street Reserve		D	Vacant cleared land with no infrastructure or vegetation. Used for drainage. 250m from Larwood Crescent POS.	Improve. As funding and resources allow, project specific brief required. Prioritise drainage improvements and beautification. Review periodically.	Low
Agraulia Court Park	R 50010	C	Local Park of reasonable quality and function.	No Action required. Ensure maintained to acceptable standard. Review periodically.	Review Periodically
Bandalong Way Reserve	R 30540	D	Vacant land with existing natural vegetation. Limited quality and function. 280m from Rangeview Park. Hester Land Assessment Report 2011 recommends transfer.	Potential Transfer. 0.18ha. Reduces High Wycombe POS to 41.22ha and 8.63%. Requires community consultation.	Transfer Schedule to be determined – Action 2.2.1
Citrus Grove Reserve	R 28491	D	Vacant land with existing vegetation. Wedged between residential lots and restricted access due to its location. Hester Land Assessment Report 2011 recommends transfer.	Potential Transfer. 0.16ha. Reduces High Wycombe POS to 41.24ha and 8.64%. Requires community consultation.	Transfer Schedule to be determined – Action 2.2.1

APPENDIX 12: POS POTENTIAL TRANSFER AND IMPROVEMENT SITES

Reserve	Reserve No.	Rating	Description	Action	Priority
Cyril Road Reserve	R 33977	C	Large Local Park of low quality and function. Located near Peter Annus Park, Progress Reserve and Rangeview Park which provide greater function and quality. Given existing natural vegetation Cyril Road Reserve can serve more of an aesthetic function. Hester Land Assessment Report 2011 recommends reserve be retained.	Improve. As funding and resources allow, project specific brief required. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically.	Medium
Ellis Court POS	R 40352	D	Vacant land with existing natural vegetation. Limited quality and function. Access via Ellis Court cul-de-sac. Buffer from Roe High Way. Limited scope for any possible action. Hester Land Assessment Report 2011 recommends transfer.	Potential Transfer. 0.37ha. Reduces High Wycombe POS to 41.03ha and 8.60%. Requires community consultation.	Transfer Schedule to be determined – Action 2.2.1
Emms Reserve	R 27815	C	Local Park of reasonable quality and function. Hester Land Assessment Report 2011 recommends transfer.	Improve. As funding and resources allow, project specific brief required. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically.	Low
Gladys Newton Park	R 47320	C	Neighbourhood Park of limited quality and function. Neighbouring lots likely to become Aged Persons Accommodation.	Improve. As funding and resources allow, project specific brief required. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically.	Medium
John McLarty Park	R 41731	C	Local Park of reasonable quality and function.	Improve. As funding and resources allow, project specific brief required. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically.	Medium
Larwood Crescent POS	R 48863	C	Local Park of reasonable quality and function.	No Action required. Ensure maintained to acceptable standard. Review periodically.	Review Periodically

APPENDIX 12: POS POTENTIAL TRANSFER AND IMPROVEMENT SITES

Reserve	Reserve No.	Rating	Description	Action	Priority
Peter Annus Park	R 36287	C	Local Park of low quality and limited function. Across the road from Rangeview Park	Potential Transfer. 0.35ha. Reduces High Wycombe POS to 41.05ha and 8.60%. Requires community consultation.	Transfer Schedule to be determined – Action 2.2.1
Peter Hegney Park	R 40529	C	Local Park of reasonable quality and function.	No Action required. Ensure maintained to acceptable standard. Review periodically.	Review Periodically
Rangeview Park	R 36297	B	Large local park of reasonable quality and functionality. Important strategic location due to size of the reserve providing potential for multiple uses.	Improve. As funding and resources allow, project specific brief required. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically.	High
Pine Tree Reserve	R 42607	C	Local Park of reasonable quality and function. Island surrounded by O'Connell Way.	Improve. As funding and resources allow, project specific brief required. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically.	Low
Swan Road Reserve	R 33221	D	Vacant land with existing natural vegetation. Wedged between residential lots and restricted access due to its location. Very little scope for any possible action. Hester Land Assessment Report 2011 recommends transfer, however will require the acquisition of an adjacent lot to be able to provide access.	Potential Transfer. 0.35ha. Reduces High Wycombe POS to 41.05ha and 8.60%. Requires community consultation.	Transfer Schedule to be determined – Action 2.2.1
Viv Robinson Park	R 42697	C	Local Park of reasonable quality and function. Provides pedestrian access from Joudah Court, Damper Place and Wittenoom Road.	No Action required. Ensure maintained to acceptable standard. Review periodically.	Review Periodically
Kalamunda – 36.07ha @ 5.80% Accumulative Potential Transfer = 0.58ha. Reduces Kalamunda POS to 35.49ha and 5.71%					

APPENDIX 12: POS POTENTIAL TRANSFER AND IMPROVEMENT SITES

Reserve	Reserve No.	Rating	Description	Action	Priority
Beenup Place Reserve	R 39684	D	Local Park of limited functionality. Some native vegetation on the reserve.	Potential Transfer. 0.14ha. Reduces Kalamunda POS to 35.93ha and 5.78%. Requires community consultation.	Transfer Schedule to be determined – Action 2.2.1
Broula Road Reserve	R 28175	C	Local Park of reasonable quality and function.	No Action required. Ensure maintained to acceptable standard. Review periodically.	Review Periodically
Gunbar Way Reserve	R 28896	D	Vacant land with existing natural vegetation. Neighbouring property using for parking. Limited scope for transfer or improvement. Hester Land Assessment Report 2011 recommends transfer.	Potential Transfer. 0.12ha. Reduces Kalamunda POS to 35.95 and 5.78%. Requires community consultation.	Transfer Schedule to be determined – Action 2.2.1
Herald Close Reserve	R 31448	D	Vacant land with existing natural vegetation. At the end of Herald Close cul-de-sac. Limited scope for improvement. Hester Land Assessment Report 2011 recommends transfer.	Potential Transfer. 0.08ha. Reduces Kalamunda POS to 35.99ha and 5.79%. Requires community consultation.	Transfer Schedule to be determined – Action 2.2.1
J.Miller Park	R 37394	D	Vacant land with existing natural vegetation. At the end of Manooka Way cul-de-sac. Hester Land Assessment Report 2011 recommends improvement.	Improve. As funding and resources allow, project specific brief required. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically.	Low
Lalor Place POS	R 36865	C	Local Park of low quality and function.	Improve. As funding and resources allow, project specific brief required. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically.	Medium
Nangkita Way Reserve 1	R 32277	C	Local Park of reasonable quality and low function. 150m away from Nangkita Way Reserve 2.	No Action required. Ensure maintained to acceptable standard. Review periodically.	Review Periodically

APPENDIX 12: POS POTENTIAL TRANSFER AND IMPROVEMENT SITES

Reserve	Reserve No.	Rating	Description	Action	Priority
Nangkita Way Reserve 2	R 30693	C	Local Park of reasonable quality and function.	Improve. As funding and resources allow, project specific brief required. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically.	Low
Simeon Close Reserve	R 36352	D	Local Park of limited functionality. Some native vegetation on the reserve. Hester Land Assessment Report 2011 recommends transfer.	Potential Transfer. 0.24ha. Reduces Kalamunda POS to 35.83ha and 5.76%. Requires community consultation.	Transfer Schedule to be determined – Action 2.2.1
Lesmurdie – 40.69ha @ 6.07% Accumulative Potential Transfer = 0.41ha. Reduces Lesmurdie POS to 40.18ha and 6.00%					
Anthony Street Reserve	R 31692	D	Vacant land. At the end of Anthony Street. Difficult to access/know it exists. Limited scope for improvement or transfer. Hester Land Assessment Report 2011 recommends transfer.	Potential Transfer. 0.20ha. Reduces Lesmurdie POS to 40.49ha and 6.04%. Requires community consultation.	Transfer Schedule to be determined – Action 2.2.1
Glen Road POS	R 29384	C	Local Park of reasonable quality and function.	No Action required. Ensure maintained to acceptable standard. Review periodically.	Review Periodically
Lesmurdie Road Reserve	R 32300	D	Vacant land with existing natural vegetation. Low quality and no function.	Potential Transfer. 0.21ha. Reduces Lesmurdie POS to 40.48ha and 6.04%. Requires community consultation.	Transfer Schedule to be determined – Action 2.2.1
Mario Court POS	R 41036	D	Vacant land with existing natural vegetation. Wedged between residential lots and difficult to access/know it exists. Pedestrian access pathway links Mario Court to Rootes Road. Limited scope for improvement. No scope for transfer.	Improve. As funding and resources allow, project specific brief required. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically.	High
Nangkita Way Reserve 2	R 30693	C	Local Park of reasonable quality and function.	Improve. As funding and resources allow, project specific brief required. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically.	Low

APPENDIX 12: POS POTENTIAL TRANSFER AND IMPROVEMENT SITES

Reserve	Reserve No.	Rating	Description	Action	Priority
Neil Tonkin Park/Falls Farm Reserve	R 38569	C	Neighbourhood Park of reasonable quality and function.	Improve. As funding and resources allow, project specific brief required. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically.	Low
Pagotto Park	R 26531	C	Local Park of reasonable quality and function.	No Action required. Ensure maintained to acceptable standard. Review periodically.	Review Periodically
Peter Thiel Reserve	R 34666	C	Local Park of reasonable quality and function.	No Action required. Ensure maintained to acceptable standard. Review periodically.	Review Periodically
Sanderson Road Reserve/ Pax Hill	R 29190	D	Vacant Land with existing natural vegetation. Neighbours existing bushland. Hester Land Assessment Report 2011 recommends portion be retained as POS and investigate potential for portion to be transferred.	Improve. As funding and resources allow, project specific brief required. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically.	Low
Maida Vale – 19.27ha @ 9.08% No Transfer Proposed *Note that Maida Vale South likely to increase Maida Vale POS percentage					
Berry Drive Reserve	R 32230	C	Local Park of reasonable quality and limited function. Neighbours Scenic Drive Reserve and is across the road from Meloway Drive Reserve.	No Action required. Ensure maintained to acceptable standard. Review periodically.	Review Periodically
Davies Park	R 28852	B	Large local park of reasonable quality and functionality. Important strategic location due to size of the reserve providing potential for multiple uses.	Improve. As funding and resources allow, project specific brief required. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically.	Medium
Kalamunda Road Reserve	R 41480	C	Local Park of reasonable quality and low function. Neighbours transmission corridor. Hester Land Assessment Report 2011 recommends reserve be retained.	No Action required. Ensure maintained to acceptable standard. Review periodically.	Review Periodically
Meloway Drive Reserve	R 32108	C	Local Park of reasonable quality and function. Hester Land Assessment Report 2011 recommends investigation into potential transfer.	Improve. As funding and resources allow, project specific brief required. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically.	Medium

APPENDIX 12: POS POTENTIAL TRANSFER AND IMPROVEMENT SITES

Reserve	Reserve No.	Rating	Description	Action	Priority
Nestle Brae Creek Reserve	R 35209	D	Local Park of low quality and limited function. Wedged between residential lots, located at end of Gumnut Close cul-de-sac. Nestle Brae Creek runs through the reserve.	Improve. As funding and resources allow, project specific brief required. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically.	Medium
Saddleback Circle Reserve	R 38271	C	Neighbourhood Park of low quality and reasonable function. Hester Land Assessment Report 2011 recommends engagement with community to determine desired outcomes.	Improve. As funding and resources allow, project specific brief required. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically.	High
Rural East-Walliston – 4.61ha @ 4.20% No Transfer Proposed					
Anne Avenue Reserve	R 25424	D	Vacant land with existing natural vegetation. Small lot with limited scope for improvement. transfer	No Action required. Ensure maintained to acceptable standard. Review periodically.	Review Periodically
Lawnbrook Road Reserve	R 17574	C	Local Park of reasonable quality and function. Large amounts of natural vegetation.	No Action required. Ensure maintained to acceptable standard. Review periodically.	Review Periodically
Norma Street POS	R 31828	D	Vacant land with existing natural vegetation. 60m from Norma Street Reserve and 90m from Banksia Road Reserve. Limited scope for transfer or improvement.	No Action required. Ensure maintained to acceptable standard. Review periodically.	Review Periodically
Norma Street Reserve	R 25425	C	Local Park of low quality and limited function.	Improve. As funding and resources allow, project specific brief required. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically.	Medium
Wattle Grove – 29.48ha @ 17.43% No Transfer Proposed					
Fennell Crescent POS	R 46170	C	Local Park of reasonable quality and function.	No Action required. Ensure maintained to acceptable standard. Review periodically.	Review Periodically

APPENDIX 12: POS POTENTIAL TRANSFER AND IMPROVEMENT SITES

Reserve	Reserve No.	Rating	Description	Action	Priority
Hardey East Road Reserve	R 49263	C	Local Park of low quality and function. Links with The Promenade POS.	Improve. To be developed in accordance with the Cell 9 Development Contributions Plan. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically.	In accordance with Cell 9 DCP
Maamba Road POS	R 52403	C	Local Park of reasonable quality and function. Across the road from Gillings Parade POS.	No Action required. Ensure maintained to acceptable standard. Review periodically.	Review Periodically
Olivine Gardens Reserve	R 50721	D	Vacant land with existing natural vegetation. Allocated drainage on the lot. Reserve neighbours Willow Lake Estate. Serves as buffer to Row Highway. Limited scope for transfer.	Improve. To be developed in accordance with the Cell 9 Development Contributions Plan. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically.	In accordance with Cell 9 DCP
Willow Lake Estate	R 47590	C	Local Park of reasonable quality and function. Hester Land Assessment Report 2011 recommends reserve to be retained.	No Action required. Link to Olivine Gardens Reserve. Ensure maintained to acceptable standard. Review periodically.	Review Periodically
Woodlupine Creek Undeveloped Reserve	R 49965	D	Vacant land with no existing vegetation or infrastructure. Still to be developed as part of Cell 9.	Improve. To be developed in accordance with the Cell 9 Development Contributions Plan. Refer to List of Priority Improvement and Implementation Items in Section 4.5. Review periodically.	In accordance with Cell 9 DCP

*All other reserves not mentioned above to be dealt with as part of the Community Facilities Plan, Parks Asset Management Plan and any relevant Master Plans. All reserves mentioned above to be considered in conjunction with the Community Facilities Plan, Parks Asset Management Plan and any relevant Master Plans. To be reviewed periodically.

APPENDIX 13: CONSULTATION PROTOCOL

The following consultation protocol will be undertaken in the process of POS transfer, POS Improvement and Acquisition of POS:

No.	Consultation Process	Method
1.	Set the scope for the consultation process	<ul style="list-style-type: none"> Identify what is proposed. Identify the location of the proposal. Identify opportunities and constraints of the proposal. Scope consultation as listed below.
2.	Identify the key stakeholders	<ul style="list-style-type: none"> The Community. Surrounding landowners. Community groups/organisations and clubs that would be affected by the proposal. Key state agencies.
3.	Inform stakeholders	<ul style="list-style-type: none"> A sign is to be erected on site A notice is to be placed in the local newspaper for two consecutive weeks. Letters are to be sent to nearby landowners within a 200m radius of the site. Letters to be sent to affected community groups/ organisations and clubs. Referred to Department of Planning, Lands and Heritage and other relevant servicing authorities. A notice to be placed on the City's notice boards and the City's website. An information session at a local venue may be organised if deemed appropriate.
4.	Provide an opportunity for information to be obtained, accessible and easily understood	<ul style="list-style-type: none"> Advertisement to be for a minimum period of 30 days. Information on the proposal to be available at the City's administration and the City's website.
5.	Invite feedback	<ul style="list-style-type: none"> Submissions can be made over the advertising period via email, letter and the City's website.
6.	Consider feedback before making a final decision	<ul style="list-style-type: none"> Submissions to be reviewed and discussed. Consultation Findings and Outcomes Report to be developed and made public.
7.	Communicate our decisions to stakeholders and the community	<ul style="list-style-type: none"> Recommendation to be made to Council for decision. Council to make decision. Decision to be advertised via the following methods: <ul style="list-style-type: none"> A notice to be placed in a local newspaper A sign is to be erected on site Letters are to be sent to nearby landowners within a 200m radius of the site. Letters to be sent to affected community groups/ organisations and clubs. A notice to be placed on the City's notice boards and the City's website.
8.	Review our consultation to ensure we are effectively communicating with stakeholders	<ul style="list-style-type: none"> Feedback of the consultation process available on the City's website and via email and letter. Consultation protocol to be reviewed every two years and when the Strategy is reviewed.

APPENDIX 14: Community Engagement Outcomes Report

Public Open Space Strategy - Community Engagement Findings and Outcomes Report

Summary

PUBLIC OPEN SPACE STRATEGY

DEC 2017

COMMUNITY ENGAGEMENT FINDINGS & OUTCOMES

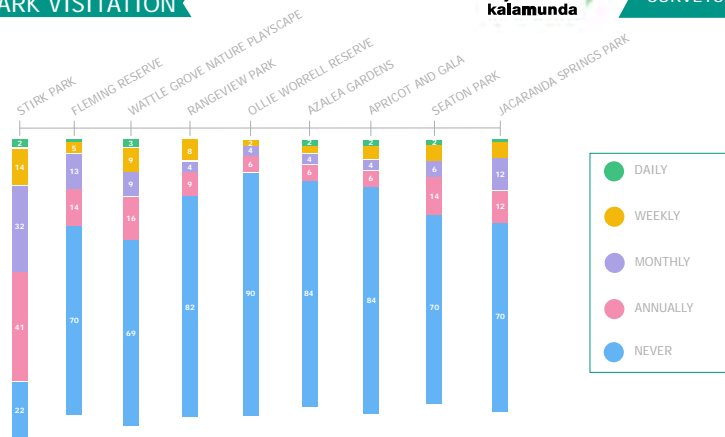
FEB 2018

Find out more at engage.kalamunda.wa.gov.au

PARK VISITATION



TOTAL
113
SURVEYS



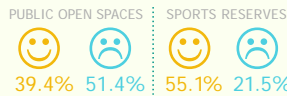
TOP TEN LIKES

1. Nature/Trees/Shade/Wildlife
2. Aesthetics/Beautification/Atmosphere
3. Maintenance
4. Lifestyle
5. Dog Walking
6. Multiple Uses/Facilities
7. Playgrounds
8. Community Feel
9. Health/Fitness Benefits
10. Sport

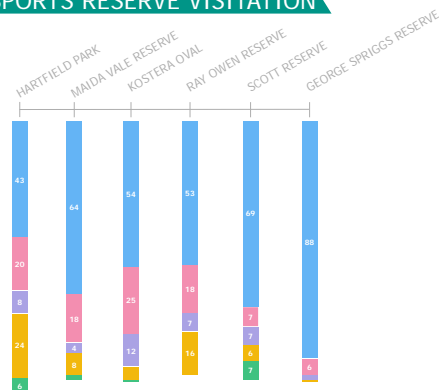
IS THE QUANTITY ACCEPTABLE?



IS THE QUALITY ACCEPTABLE?



SPORTS RESERVE VISITATION



MOST WANTED IMPROVEMENTS

1. Playgrounds/Nature Playgrounds (Quantity and Quality)
2. Trees/Nature/Wildlife Habitat (Protection and Implementation)
3. Beautification
4. Maintenance
5. Seating (Quantity and Quality)
6. Shade
7. Sports Facilities (Quantity and Quality)
8. Amenities
9. Dog Parks/Fenced
10. Exercise Equipment
11. Basketball Courts/Soccer Goals for Smaller Parks
12. Walking/Running/Bike Tracks
13. BBQs
14. Footpaths (Quantity and Quality)
15. Improved Scott Reserve Facilities

MANY RESERVES ARE UNDER UTILISED

PROVIDES AN ADDITIONAL FUNDING MECHANISM

COMMUNITY BENEFITS

QUALITY OVER QUANTITY

BETTER QUALITY OF POS ACHIEVED

GREATER FACILITIES AND SPORTS RESERVES CAN BE ACHIEVED

TRANSFERS

The Strategy recommends that public open space of low quality & functionality be potentially transferred to other uses to fund the improvement of existing public open space & acquisition of land for future public open space.

37% (Thumbs Up)

63% (Thumbs Down)

TOO MUCH DEVELOPMENT IN THE CITY ALREADY

BETTER MAINTENANCE OF RESERVES SHOULD BE THE FOCUS

FUNDS SHOULD BE RAISED THROUGH ALTERNATIVE MECHANISMS

BUSH/HABITAT LOSS AND WILDLIFE IMPACTS

COMMUNITY COMMENTS

Many respondents stated that POS forms important biodiversity and tree canopy linkages between regional reserves. These linkages should be enhanced. It was also noted that there is potential to enhance pedestrian and cycling linkages between POS and links of regional importance such as the Zig Zag, Bibbulmun Track and Railway Heritage Trail.

'We need one really well designed playground and park for our City. Preferably with a cafe attached to it. You could lease the cafe out to fund maintenance of the playground. Thinking bigger, you could create a facility which could be hired out for events / weddings / birthdays. It's not great having to travel 30 minutes to another city/shire to enjoy a great playground/park when our City has so much potential!'

'Growth suburbs like Wattle Grove where there are large numbers of families with small children need to be approached in a manner that will provide natural spaces and landscapes for all to enjoy. We have beautiful surroundings and it would be nice to see a strategy to preserve these whilst facilitating growth and development in the suburb. I would also like to see this transferred to existing suburbs where the abundance of native flora can be preserved for all to enjoy and create a beautiful area.'

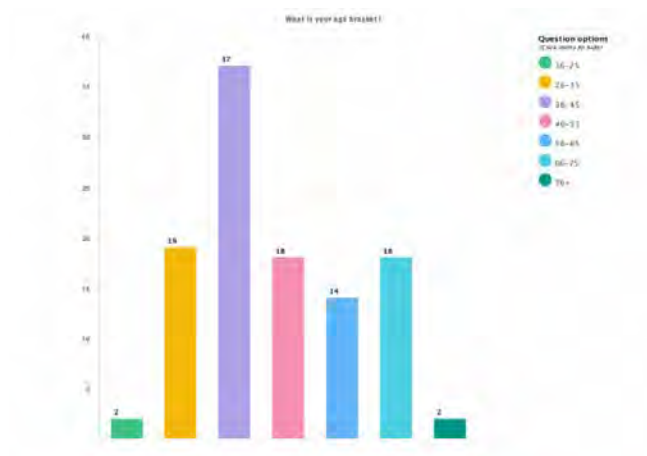
'So many unused grassed areas that could be used as an enclosed dog park. The closest ones currently are Inglewood and Aveley.'

Surveys

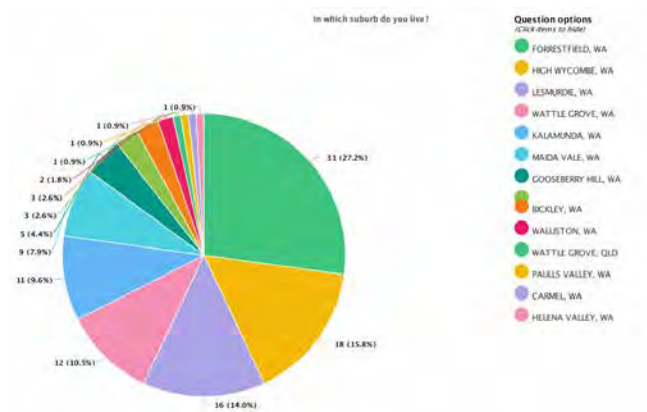
Overview

The City of Kalamunda (the City) Public Open Space Strategy (the Strategy) Survey was open from December 2017 to the end of February 2018. Over that time 113 surveys were completed. 70% of the responses were from females and 30% from males.

The 36-45 age bracket (parents with children) provided the highest amount of responses, with age brackets of 26-35, 46-55, 56-65 and 66-75 having similar participation rates. The 16-25 and 76+ age brackets had low numbers of participation.



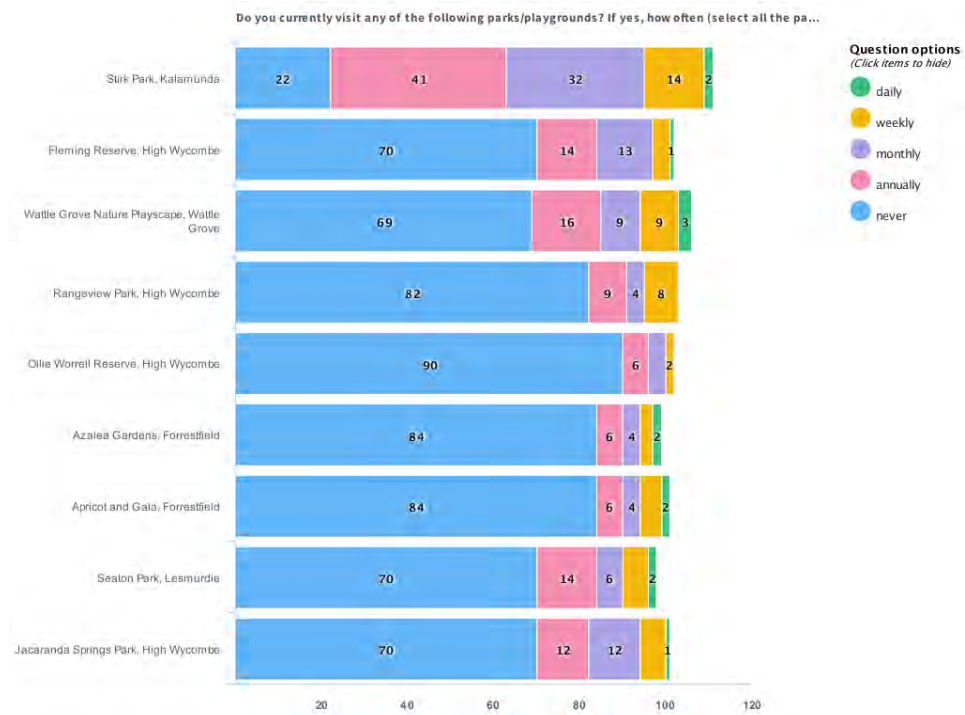
Residents from Forreestfield were the most engaged with 27% of the respondents, followed by High Wycombe (16%), Lesmurdie (14%), Wattle Grove (11%) and Kalamunda (10%).



Park Visitation

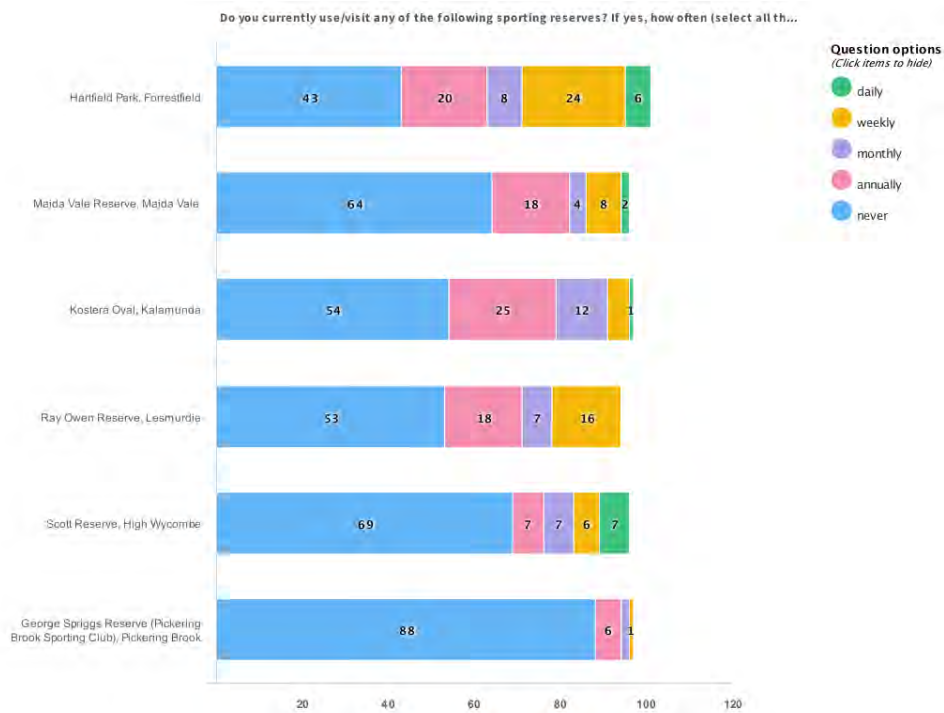
Stirk Park had the highest rate of visitation with only 18% of respondents indicating they never visit the park. Other popular reserves in the City were Fleming Reserve, Seaton Park, Jacaranda Springs and Wattle Grove Nature Playscape (The Promenade POS). Outside the

options of the survey, other popular parks were Bill Shaw Reserve, Flora Terrace Reserve, Federation Gardens (Hartfield Park), Peter Thiel Park and Railway Reserve.



Sports Reserves

Of the sports reserves in the City, Hartfield Park received the greatest rate of participation with 57% of respondents visiting the reserve at least once a year. The other sports reserves that are highly visited by respondents are Kostera Oval and Ray Owen Reserve.



Values

The survey asked respondents to explain the aspects of the City's POS they like and value most. The below lists in order the most common themes that respondents value and like about the City's POS:

1. Nature/Trees/Shade/Wildlife
2. Aesthetics/Beautification/Atmosphere
3. Maintenance
4. Lifestyle
5. Dog Walking
6. Multiple Uses/Facilities
7. Playgrounds
8. Community Feel
9. Health/Fitness Benefits
10. Sport

The survey asked respondents to explain the aspects of POS within the City they do not like. A large variety of responses were provided, and this may be attributed to specific locations. The below lists in order the most common themes that respondents did not like about the City's POS:

1. Poor Maintenance

2. Quality/Quantity of Playgrounds and Equipment
3. Outdated POS
4. Poor aesthetics
5. Vandalism/Rubbish
6. Quality/Quantity of Facilities
7. Dog Issues (No Fenced Areas, Not Obeying Dog Restrictions)
8. Limited Shade
9. Quality/Quantity of Amenities
10. Not enough trees/Removal of vegetation

Improvements

The survey asked respondents to explain the aspects of the City's POS they most wanted improved. There was numerous ideas provided and have been themed in order of most common occurrence in the below list:

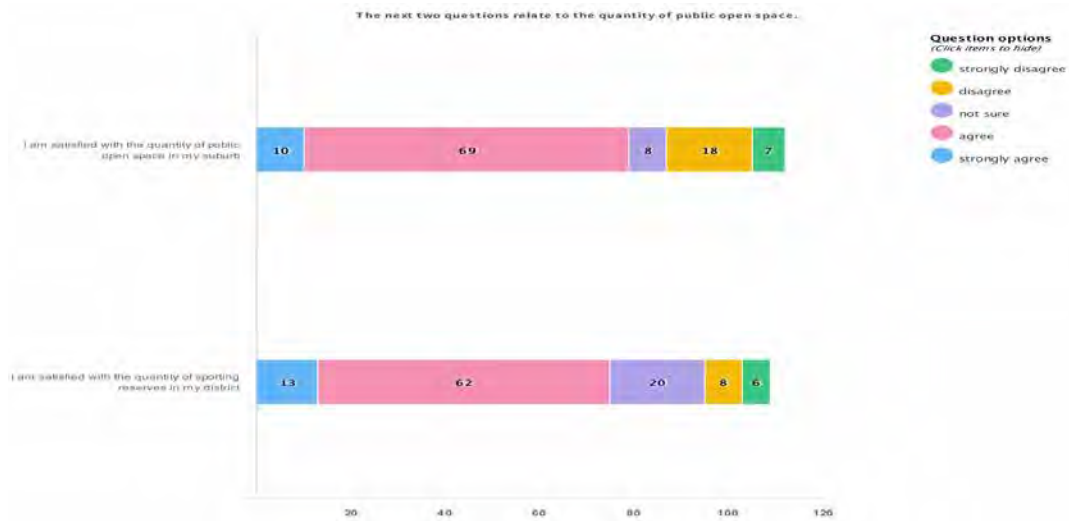
1. Playgrounds/Nature Playgrounds (Quantity and Quality)
2. Trees/Nature/Wildlife Habitat (Protection and Implementation)
3. Beautification
4. Maintenance
5. Seating (Quantity and Quality)
6. Shade
7. Sports Facilities (Quantity and Quality)
8. Amenities
9. Dog Parks/Fenced
10. Exercise Equipment
11. Basketball Courts/Soccer Goals for Smaller Parks
12. Walking/Running/Bike Tracks
13. BBQs
14. Footpaths (Quantity and Quality)
15. Improved Scott Reserve Facilities

Quantity

The survey asked respondents their opinion on the quantity of POS distributed throughout the City. The survey also asked specifically whether the quantity of Sports Reserves is acceptable.

Over 70% of respondents either agreed or strongly agreed that they are satisfied with the quantity of POS in their suburb. 22% of respondents wither strongly disagreed and disagreed.

68.5% of respondents either agree or strongly agree that there is enough sports reserves in their district. Only 13% of respondents disagree or strongly disagree that there is not enough sports reserves in their district.

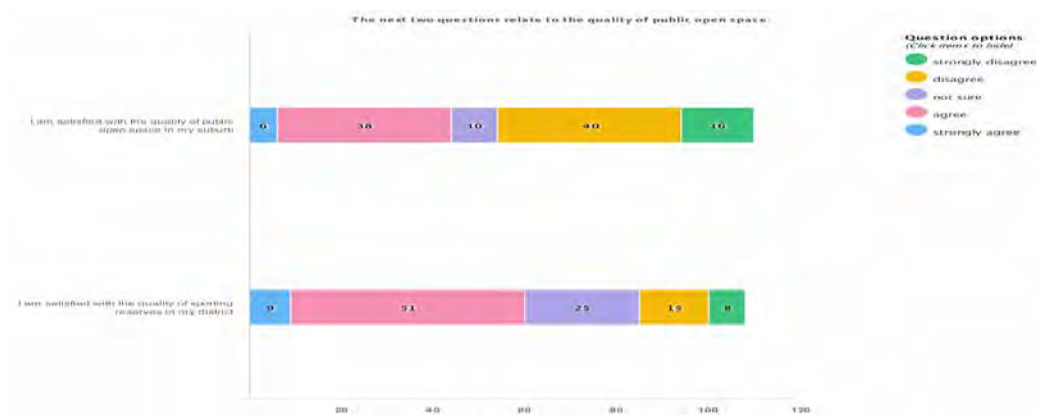


Quality

The survey asked respondents their opinion on whether the quality of POS and Sports reserves is acceptable.

The opinion on quality of POS was mixed, 51.4% of respondents either strongly disagree or disagree that the quality of POS is acceptable. 39.4% of respondents either agreed or strongly agreed that the quality of POS is acceptable in their suburb.

The opinion on the quality of sports reserves is more favourable. 55.1% of respondents either agree or strongly agree the quality of sports reserves is acceptable. In comparison, 21.5% either disagree or strongly disagree and 23.3% are unsure about whether the quality of sports reserves is acceptable.



Transfers

The Strategy recommends that public open space of low quality and functionality be potentially transferred to other uses (i.e. to be developed), to fund the improvement of existing public open space and acquisition of land for future public open space. 37% of respondents are supportive of low quality reserves being transferred to improve existing POS, whereas 63% are not supportive.

Reasons were provide in support or against the idea of transferring reserves. The following common reasons were given in support:

- Many reserves are under utilised
- Community benefits
- Better quality of POS achieved
- Quality over Quantity
- Provides an additional funding mechanism
- Greater facilities and sports reserves can be achieved

The following common reasons were provided against the concept:

- Too much development in the City already
- Bush/Habitat Loss and Wildlife impacts
- Funds should be raised through alternative mechanisms
- Better maintenance of reserves should be the focus

Additional Information

Respondents were asked to complete the survey by stating anything else they would like to comment on regarding the Strategy. Many respondents reiterated their responses to the previous questions, whilst others provided some ideas on how to better utilise spaces. See some of the statements below:

'We need one really well designed playground and park for our City. Preferably with a cafe attached to it. You could lease the cafe out to fund maintenance of the playground. Thinking bigger, you could create a facility which could be hired out for events/weddings/birthdays. It's not great having to travel 30mins to another city/shire to enjoy a great playground/ park when our City has so much potential!'

'Growth suburbs like Wattle Grove where there are large numbers of families with small children need to be approached in a manner that will provide natural spaces and landscapes for all to enjoy. We have beautiful surroundings and it would be nice to see a strategy to preserve these whilst facilitating growth and development in the suburb. I would also like to see this transferred to existing suburbs where the abundance of native flora can be preserved for all to enjoy and create a beautiful area.'

'So many unused grasses areas that could be used as an enclosed dog park. The closest ones currently are Inglewood and Aveley.'

Many respondents stated that POS forms important biodiversity and tree canopy linkages between regional reserves. These linkages should be enhanced. It was also noted that there is potential to enhance pedestrian and cycling linkages between POS and links of regional importance such as the Zig Zag, Bibbulmun Track and Old Railway Heritage Trail.

Community Workshops

Community workshops were conducted on the 20 February 2018 at Woodlupine Community Centre in Forrestfield, and 22 February 2018 at the Zig Zag Cultural Centre in Kalamunda. There was a clear difference in the themes coming across during the workshops with those attending the Forrestfield workshop more focussed on sport and recreation, whereas those who attended the Kalamunda workshop had a greater focus on nature.

Forrestfield

Five people attended the Forrestfield Workshop. Attendees were asked to respond to a series of questions and brainstorm with the other attendees.

For the full set of notes refer to Appendix 1

Question 1 – What Reserves Do You Like?

Reserves that were mentioned included Cambridge Reserve, Kostera Oval, Fleming Reserve, Scott Reserve, Woodbridge Reserve (City of Swan), Stirk Park, Ellenbrook Sporting Precinct (City of Swan), Lightning Park (City of Bayswater), Sultana Road East POS and Volcano Park (City of Belmont). It was evident from the group that there was a particular focus on multi-use sports facilities and parks that provide multiple facilities, amenities and are well maintained and presented. The fact that multiple parks were mentioned from outside the City demonstrates that the public admire the POS provided outside the City and should be something that is taken on board to aspire to.

Question 2 – What Reserves Would You Like Improved?

Reserves that were mentioned for improvement included Pioneer Park, Saddleback Circle Reserve, Davis Park and oversized reserves in general that aren't utilised. It was mentioned that some of these reserves could be potentially transferred to improve better utilised reserves. This was expanded on with participants preferring quality over quantity and a preference for consolidated better maintained areas over more dispersed areas that have less maintenance. Some of the key reasons the above reserves were mentioned included poor maintenance, poor utilisation, poor access and poor aesthetics.

Question 3 – What Attributes Do You Like?

Some of the attributes liked about the City's reserves included quality amenities, nature play, natural bush, maintenance and shade.

Question 4 – What Attributes Would You Like To See Improved?

The participants mentioned numerous aspects of the City's reserves that they would like to see improved. This included aspects such as more parking, clubroom upgrades, more amenities and playing surface improvements to sports grounds. Participants also expressed that 'awkward reserves' such as Bandalong Way Reserve, Progress Park and Peter Annus Park could potentially be transferred. It was also mentioned that the standards of maintenance and aesthetics needs to be improved.

Question 5 – Where Should We Prioritise Resources To Improve Reserves?

The participants were in favour of prioritising resources towards sporting facilities and the larger multi-use parks. As mentioned previously participants were in favour of utilising the transfer of underutilised reserves as a resource for improving the highly utilised reserves.

Question 6 – General Thoughts On The Strategy?

The last question asked participants to provide feedback on the draft Strategy in general. Participants were mostly supportive of the Strategy as a whole, with a focus on quality over quantity recommended.

Kalamunda

Eleven people attended the Kalamunda workshop, with attendees split into three groups. Attendees rotated to different tables to change up the formation of groups for different questions. Attendees were asked to respond to a series of questions and brainstorm with the other attendees.

For the full set of notes refer to Appendix 2

Question 1 – What Reserves Do You Like?

The reserves that were mentioned by more than one group included Seaton Park, Stirk Park and Bill Shaw Reserve. Other parks also mentioned included Juniper Way Reserve, Mick Conti Park, Vernallan Way Reserve, Scott Reserve, Kostera Oval, Wordsworth Reserve and Anthony Heslop Reserve. Participants generally were in favour of reserves that provided nature or multi-use facilities and aesthetics.

Question 2 – What Reserves Would You Like Improved?

Stirk Park, Wordsworth Reserve and Mario Court POS were reserves mentioned for improvement. The main ideas for improvement included amenities, signage, seating, beautification and playgrounds. It was also raised that potentially no reserves need improvement.

Question 3 – What Attributes Do You Like?

Attributes that participants mentioned at more than one group included shade, trees, green space and wildlife demonstrating a preference for nature and aesthetics. Other attributes mentioned included a mix of uses, dog walking, bike riding and planting activities.

Question 4 – What Attributes Would You Like To See Improved?

The key themes that were mentioned by the groups for improvement included better maintenance, beautification of reserves, water features, drinking fountains, nature enhancement and enclosed dog walking areas.

Question 5 - Where Should We Prioritise Resources To Improve Reserves?

As was a consistent theme throughout the workshop, the protection and enhancement of nature was mentioned as a key priority. Other areas of prioritisation included the implementation of fenced dog parks, beautification, water features, assistance for community groups and amenities.

Question 6 – General Thoughts On The Strategy

Participants were generally supportive on the intention of the Strategy, with any components involving environmental protection supportive and suggested to be enhanced. Participants were generally not supportive of the idea of transferring nature reserves. The retention, maintenance and upgrade of POS was mentioned as being what should be the priority of the Strategy.

Information Stalls

During January the City set up information stalls for the Strategy, handing out surveys and gathering the community's ideas. The following locations were visited:

- Hartfield Park Recreation Centre
- High Wycombe Village Shopping Centre (Kalamunda Road)
- Forrestfield District Shopping Centre
- Kalamunda District Shopping Centre

The key themes and ideas that the community mentioned included the following:

- Fenced dog parks/dog specialised parks
- Cycle paths
- Improved pedestrian paths
- Nature enhancement and no clearing of vegetation
- Swimming pool at Hartfield Park/Foothills
- Improved multi-purpose facilities
- Community gardens
- More amenities at parks
- Improved playgrounds
- Exercise equipment

Submissions

A total of 6 submissions were received. Submissions are confidential in nature, and are taken in consideration as part of the final Strategy. The key themes expressed as part of the submissions are explained below:

Underutilisation of Small Parks in High Wycombe in Comparison to Multi-Use Facilities

Information was provided on the usage of parks in High Wycombe by collecting data each day during a fortnight in June at the same time just around 4pm (peak usage time). The data demonstrated a lack in the usage of small parks in High Wycombe. The small parks analysed included John McLarty Park, Viv Robinson Park, Emms Reserve, Progress Park, Peter Annus Park, Mackenzie Park and Peter Hegney Park. In comparison multi-use parks in High Wycombe had much higher usage. The multi-use parks included Fleming Reserve, Scott Reserve and Rangeview Park.

Artificial Turf

The Strategy recommends that artificial turf should be investigated for future sports ground redevelopments. Support was expressed for the use of artificial turf for sports grounds, particular for hockey and soccer. The key reasons for the support of artificial turf included:

- Better utilisation of limited irrigation water supplies
- Increased access to sporting grounds for the growing population
- Withstanding high use
- Greater space efficiency
- Cost over a long period of time

It was expressed that artificial turf should be considered as part of the Hartfield Park Master Plan, particularly the hockey grounds.

POS in Bickley

It was raised that the quality of some of the small parks in Bickley is very low and serve no benefit to the community. It was suggested that these reserves be transferred, with funds to improve reserves in the general vicinity, including Walliston. The following parcels of land were identified as being potential transfer sites due to their low quality and limited benefit:

1. Lots 1 & 35 – Corner Palmateer/Lawnbrook
2. Lot 72 – Corner Palmateer/Nairn
3. Lots 48 & 52 – First Avenue (Second Avenue Reserve)
4. Lot 26 – Corner First Avenue & Lawnbrook (First Avenue Reserve)
5. Lots 31 & 32 – Lawnbrook (Lawnbrook Road Reserve)

It should be noted that examples 1 and 2 are not reserved.

Biodiversity and Conservation

It was raised that caution is warranted for the potential transfer of reserves which may contain biodiversity values. It was stated however that due to the small size of the majority of reserves identified for transfer, they are unlikely to contain anything substantial. In the event of a transfer, it is recommended that the Department of Biodiversity, Conservation and Attractions (DBCA) is provided the opportunity to comment.

It was suggested that the Strategy mentions *State Planning Policy 2.8 – Bushland Policy for the Perth Metropolitan Region* and its intention. The Environmental Planning Strategy and Local Biodiversity Strategy should also be mentioned in the key documents. Caution should be used in justifying the low percentage of POS in areas with high amounts of private open space. Areas of future development such as Forrestfield North and Maida Vale South have the opportunity during the planning process to allocate appropriate POS to protect biodiversity assets.

Support was expressed for Strategic Directions 1.1-1.6. Those reserves that have nature identified as a function should also have conservation identified as a function. Mapping edits were suggested where reserves identified as Regional Open Space is not classified correctly (Pioneer Park and Hartfield Park), some POS are privately owned and Dawson Park's boundaries should be modified.

It was expressed that many of the 21 reserves listed for transfer provide ecological links and therefore should not be considered for transfer. These reserves include the following:

- Wordsworth Reserve (explained in further detail below)
- Holly Way West
- Berkshire Road Reserve
- Noel Road Reserve

It is stated that the improvement of Almond Wat POS, Blackbutt Way Reserve have important environmental value, which is not recognised in the 'bigger picture' by listing them for improvement.

It was suggested that the mapping and list of reserves also lists the reserve number, to make identifying reserves easier.

It was expressed that the rating matrix is bias towards reserves that provide a sport and recreation function, whereas reserves that provide an environmental function are not well considered and not properly evaluated.

It was stated that the Strategy should also consider regional open space and bush forever sites. It is also a concern that Biodiversity Assets have not been environmentally assessed, as is the fact there is no timeline for this to be undertaken.

The importance of nature reserves was expressed due to the multiple benefits they provide, not only to the environment but also the health of the community.

Value of Wordsworth Reserve, Community Groups and Community Gardens

It was expressed that Wordsworth Reserve has significant value to the community due to its environmental values, accessibility, design, maintenance and the bringing together of community members. There is an active friends group at the reserve that maintains the reserve and also has established a vegetable garden. The 'D' rating of the reserve is not supported and should be amended to accurately reflect the value of the reserve.

It is noted that Gooseberry Hill has the lowest percentage of POS in its urban areas. It is noted that due to this there is generally a lack of community cohesion and security, which Wordsworth Reserve provides. It is suggested that small reserves with existing Friends Groups should have greater ratings that currently reflected in the Strategy. It is also suggested that greater encouragement of small community vegetable and fruit gardens is provided.

Conclusion

All feedback from the community will be taken into consideration when finalising the Strategy. A review of the ratings, classifications and functions will be conducted incorporating the feedback the community provided on specific reserves and the values they expressed in general. It is recommended that during the planning and implementation of reserves identified for improvement by the Strategy and any new reserves utilise the list of suggested improvements from the survey and those mentioned in the workshop. The key aspects that need improvements and the key values that the community expressed should also be taken into consideration during the planning and implementation phase. This is to be reflected in the Strategy in a new Section – Community Engagement and the Strategic Directions and Actions.

A review of the reserves identified for improvement and transfer will also be undertaken incorporating the feedback from the community, particularly reserves that have specifically been mentioned and taking into consideration the key values the community identified.

Given the community expressed both a desire to prioritise sports and multi-use facilities as well as reserves that contain important environmental values, the Strategy will review the Strategic Directions and Actions that will assist in enhancing these forms of POS.

The community generally conveyed that the quantity of parks and sporting reserves is acceptable, whereas the quality of reserves was less favourable. Therefore the Strategy will continue to prioritise the quality of its reserves over the quantity. This will be reflected in the Strategic Directions and Actions.

Appendix 1 – Forrestfield Workshop

Public Open Space Strategy
Forrestfield Workshop – Tuesday 21 February 2018
Woodlupine Community Centre

Question 1 – What Reserves do you like?

- Cambridge Reserve
- Well used reserves
- Well maintained reserves
- Reserves that have facilities – toilets, shade, places to stay
- Reserves where the dog can be walked
- Spaces for remote control cars
- Kostera Oval
 - People have been talking about it
 - Investment in the reserve
- Fleming Reserve – BBQs, Skate Park, Car Parking
- Facilities – bring safety, safety in numbers
- Scott Reserve
- Woodbridge Reserve (City of Swan)
 - Playgrounds
 - Toilets
 - Coffees / Kiosk
 - Nature Play
 - Fully fenced and secure
 - Fit for purpose POS
 - Realistic amenities based on likely use
- Volcano Park (City of Belmont)
 - Unique facilities
- Stirk Park
 - Older style play equipment
- Ellenbrook Sports Grounds (City of Swan)
 - Multi-use sporting facility
- Lightning Park (City of Bayswater)
 - Multi-use sporting facility
- Reserves that have walking and cycling accessibility
- Sultana Road East POS
 - Short-term use
 - Not fancy, but useful

Question 2 – What Reserves would you like improved?

- Pioneer Park
 - Eye-sore
 - Maintenance
 - Can be improved (Great Access and Visibility)
- Adelaide Road (In general)
 - Dumping on City of Swan side
- Oversized areas that aren't used
 - Potentially transfer
 - Davis Park
- Saddleback Circle Reserve
 - Land wastage
- Quality over quantity
- Better maintained areas is better than more areas less maintained / with less amenities
- Some parks are too small for a toilet block / amenities to be successful
 - Promotes anti-social behaviour

Question 3 – What Attributes do you like?

- Usage
- Parking (ample parking)
- Shade (shade sails)
- Maintenance
- Can we have less 'smaller reserves'
 - The smaller reserves we do have, have smart maintenance strategies – i.e shade sails instead of trees for shade
- Fencing / security
- Child – friendly (fenced / secure)
- Fences at sporting reserves to facilitate economic benefits for sporting clubs (controlled entry)
- Amenities
 - Toilets (for larger areas)
 - BBQs
 - Shade
 - Seats
 - Gazebo
 - Retained Bushland
 - Skate Park
 - Integrated Facilities
 - Lighting for sports groups
- Natural Bush Design
- Nature Play
- Natural – non-sport related play
- Spaces for BBQs, picnics
- An adventure bushwalk
- Water play
- Feature Play

Question 4 – What attributes would you like to see improved?

- Not enough parking at Scott Reserves during sports activities
- Standards of everything in general (aesthetics, maintenance)
- Modern facilities growing with the times
- Club rooms need modernising
- Playing surfaces at sports clubs need improving – catering to Kal’s weather conditions
- Transfer ‘awkward’ reserves
 - Too small or too big
 - Bandalong Way Reserve
 - Progress Park
 - Peter Annus Park
- Turn parks that are too small into housing
- Amenities at bigger reserves
 - Toilets, benches
- Better ‘thought-out’ design to spaces, rather than just a ‘space’ with a playground
- Age of Infrastructure
- Graffiti resistant amenities
- Facilities can at times have more importance than aesthetics – the area must have well thought out amenities
- Improved utilisation

Question 5 – Where should we priorities resources to improve reserves?

- Equipment (maintenance)
- Facilities for organised sporting activities (because these days kids are always supervised / part of organised groups)
- Prioritise the parks that are more utilised
 - District / Regional Parks
 - Fleming Reserve (Neighbourhood Park)
- Building amenities at parks and giving something to do
- Water Park / Water playground
 - Something to do on a hot day
 - Significant water playground
 - Something to come to – attractions
 - Something to attract people to the City of Kalamunda
- Reinvest money from transfer of smaller parks into ones that would be better utilised (bigger ones with better facilities)

Question 6 – General thoughts on the Strategy

- Good intention
- On the right track
- There’s a reason behind what is proposed
- All areas don’t need to be made equal, just the ones we do have need to be good (more quality over quantity)

- Prioritise popular reserves
- At least one main club / area in each area
- More aged care facilities
- Thinking seems out-dated
 - Needs modernising to suit kids needs of today
- Support transfer of reserves

Appendix 2 – Kalamunda Workshop

Public Open Space Strategy
Kalamunda Workshop – Thursday 20 February 2018
Zig Zag Cultural Centre

*Note that there were up to 3 groups during the workshop. Participants changed groups at various times during the workshop.

Question 1 – What Reserves do you like?

- Jorgensen Park
- Railway Road Heritage Trail
- Seaton Park x 2
- Stirk Park x 3
- Anthony Heslop Reserve
- All parks are important part of the environment regardless of location
- Would like to see maintenance program over long period (10 years)
- Bill Shaw Reserve x 2 – well used
- Scott Reserve
- Kostera Reserve
- Wordsworth Reserve
- Ledger Road Reserve
- Huntley Street Reserve
- Carissa Way/Dawson Ave – Juniper Way Reserve
- Welshpool Road/Lesmurdie Road – Mick Conti Park
- Vernallan Way Reserve

Question 2 – What Reserves would you like improved?

- Stirk Park – BBQ, sand shell, needs toilets
- Don't over-modernise – many adequate as they are
- No parking for Bibluman Track
- Nil Reserves need improvement
- Jorgensen Park
- Corner Brady Road/Lesmurdie Road
- Alan Anderson Park
 - Cost of rejuvenation – waste of resources – want it fixed.
 - Has fence around it and forgotten.
- Near History Village / Railway Heritage Trail
 - Non-Native plants – revegetation/beautification
- Wordsworth Reserve
 - Needs improvement / signage
 - Needs materials
 - Seating
- Mario Court POS
 - Needs enhancing

- Just grass – Needs Playground
- More beautification / Trees
- Seating / Amenities

Question 3 - What Attributes do you like?

- Shade x3
 - Trees
 - Covered areas (artificial)
 - Eating areas
- Trees – Lots x3
- Open Space
- Well kept – nice aesthetics
- Playgrounds – small
 - Climbing
 - Spinning
 - Nature Play
 - Shade
- BBQs – Larger reserves
- Nature Spaces
- Nice Natural Aesthetics
- Green Space x2
- A Good Mix – Bill Shaw
- Recycling and General Waste
- Place to Walk
- Dogs to (some) Parks
- Reserves for Specific Use – Variety
- A Network of Places, Big and Small
- Bill Shaw good example of medium sized park
- Wildlife x2
- Aesthetics
- Water Features / Creeks / Ponds
- Walking Dogs – Railway Heritage Trail
- Bike Riding
- Keeping active / play – important for kids
- Education
- Interaction with nature
- Seating – park bench – Railway Line
- Play facilities for children
- Proximity from home
- Planting activities – community gardens
- Photography / scenic appeal
- Parks for nature groups
- Group activities – yoga
- Rural / small aesthetics
- Art / sculptures on display

Question 4 – What Attributes would you like to see improved?

- Better maintained paths
- Drainage planning
- Plant more trees at all parks
- Mario Court POS
- Amenity
- Drinking fountains at larger / medium reserves x2
- Something for tourists
- Stirk Park
 - Native garden bed
 - Pond x2
- New aquatic centre
 - Water park / water play
- Integrated bicycle paths between paths
 - Maintenance station
- No improvements to passive reserves
- Open grass space
- Extreme skate park
- Improve out-dated infrastructure
- Public art
- Happy as they are
- Enclosed dog area – reduced incidents
- Beautification
 - Garden
 - Horticulture
- Native beautification
- Nature enhancement
- Less non-native trees planted
- Decent signage for all reserves
- Name reserves – not all named
- Domestic cats roaming – ranger services
- Water features
- Volunteer groups
 - Friends Groups
 - Adopt-a-spot
 - Active citizenship for all parks/reserves
- School children / youth planting activities
- More comms / publicity for community groups – not just the web
- Programs for the elderly – visit parks / reserves
- Nest boxes for birds – e.g. Dunsborough
- Short training courses at parks – bush skills for the hills
- Wildlife
- Native gardens beds
- Water wise – hydrozones
- Meandering paths

Question 5 – Where should we prioritise resources to improve reserves?

- Fenced dog parks
- Local native plants / shade x3
 - Preservation
 - upkeep
- Possum nesting boxes
 - Wildlife shelter
- Water features
- Beautification
- More events
- Access to parks
- Access within parks
- Nature protection
- Retain what we have
- Community-led / active citizenship
- More assistance for groups
 - Equipment
 - Tools to organise
- Promotion of sites with no active groups
- More publicity – signage – ‘this site is managed by...’
- Seating
- Facilities for children / elderly – exercise equipment
- Clear pathways
 - Access for disabled / elderly
- Nature playgrounds
- Remove exotic weeds
- Invest in medium/large parks, not smaller ones
- Cat control / management
- Work-out stations at medium parks
- Long walk trails – planned and connected
- Tourist attractions
- Park usage survey
- Top of the hill
- Lighting at highly used sporting areas

Question 6 – General thoughts of the Strategy

- All objectives high in importance
- Retaining all reserves is important
- Is this POS Strategy comparable to others in WA?
 - A ‘gold standard’ or ‘benchmark’
- POS workshop is worth it
- More people at workshop
- Want something for everyone
- More activities on POS

- Long-term planning: we have a strategy to move forward
- What is the value in retaining totally degraded sites?
- Support for identifying reserves that can be retained
- Protecting pristine bushland that we have
- Look at improving safety
- If 'lower value' reserves are to be considered for disposal/improvement then directly engage neighbourhood / local community
- Location specific comms meetings please
- Directly engage with schools – as a project
- Needs emphasis connectivity and exposure to nature – protection of wildlife – curfew of cats
- Over emphasis on safety?
- Defining environmentally significant areas
- No transfers – especially the hills
- Effective use of resources – avoid transfer of reserves
- Less is more
- Emphasise the beauty of Kalamunda – natural beauty
- Objective 1 very important
- Are some area not significant?
 - If funds cannot be raised
- Some small blocks still have value
- Residents should be given option to adopt before disposal / transfer – citizen-led maintenance
- Offset from developers – give back land that has been taken to enhance low grade reserves – e.g. Jorgensen Park
- Yes to improving low quality reserves
- Maintain open space
- Retention and upgrade
- Rates (impact)
- Sports Space (Active Recreation) for youth
 - Transfer low grade sites
- Naturescapes

APPENDIX 15: References

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Document Status:

Version	Version No.	Author(s)	Date	Review
Draft Report	1	Mitchell Brooks	01/04/2017	Peter Varelis
External Review	2	Mark Casserly (CCS Strategic)	01/06/2017	Mitchell Brooks Peter Varelis
Draft Report for Council	3	Mitchell Brooks Peter Varelis	28/11/2017	Natalie Martin Goode
Final Report	4	Mitchell Brooks Chris Lodge	16/04/2018	Peter Varelis

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