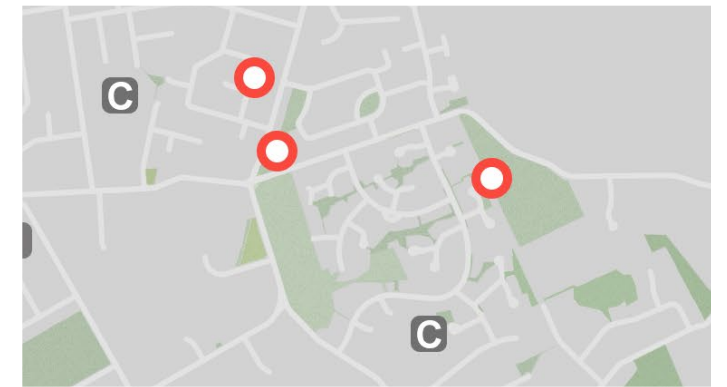
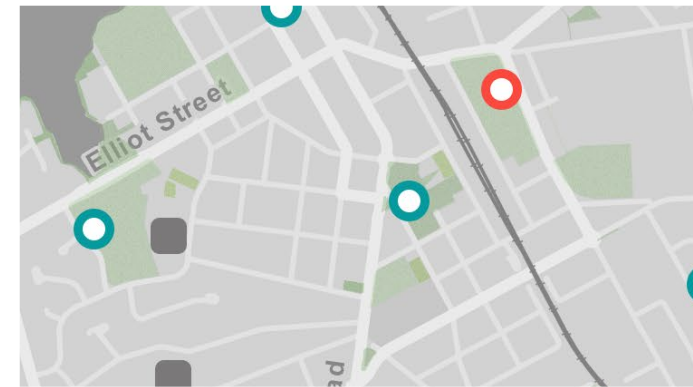
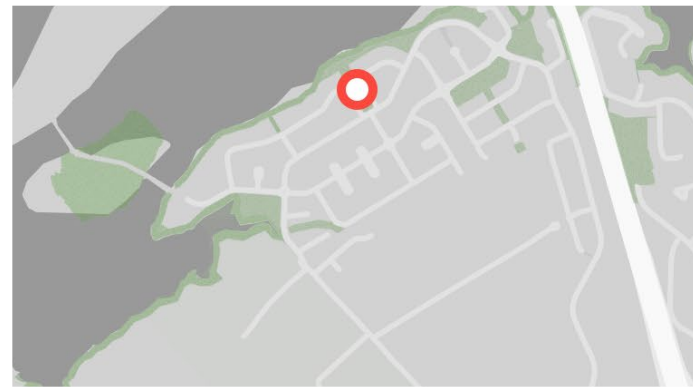


# PLAY NETWORK GAP ANALYSIS

PAPAKURA LOCAL BOARD, AUCKLAND



STUDY AND STRATEGIC ADVICE

NOVEMBER 2020



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# INTRODUCTION

Play is essential for the development and well-being of individuals. Play develops creativity and imagination whilst strengthening physical, cognitive and emotional strength.

The 2020 Papakura Local Board Plan (draft) identifies the importance of park facilities in bringing people together to play, keep active and connect socially. An important outcome identified is 'a community enriched by its diversity, where people feel connected and lead active, healthy lives'. Key objectives supporting this outcome include that Papakura's parks, sports and recreation facilities are well used, meeting the community's needs now and into the future. The Plan also identifies the importance of partnering with Māori to embrace Māori identity, culture and aspirations, with specific emphasis placed on the design and delivery of playspaces that use te māra hūpara (Māori play area) design principles to tell mana whenua stories.

Given the challenges associated with providing valuable play experiences for the public within fiscal constraints, this report builds on Auckland Council's intent to pursue a holistic view of play provision and informs investment decisions within the Papakura Local Board area.

## PAPAKURA STUDY AREA

The Papakura Local Board area stretches from Pahurehure Inlet through to the rolling foothills of the neighbouring Hunua Ranges in the east. The Papakura Stream delimits Papakura from Manurewa in the north whilst the southern boundary is defined by Hays Stream and the railway line between Papakura and Drury. The area includes the well established suburbs of Takanini, Papakura and Red Hill, alongside Drury's township and Hingaia peninsula. The open space network consists of several large recreational parks clustered around Papakura with a sparser spread of parks and neighbourhood reserves moving away into the less urbanised areas (although some land has been identified for development under the Unitary Plan). It is important to note the impact SH1 and the railway line have on neighbourhoods, pedestrian and cycle access routes and the wider open space network.

Refer Overall Study Area Map on page 02.

Playspace typologies present in the area range from small neighbourhood playspaces, with limited experience and age provision, through to suburb playspaces like Takaanini Reserve and Papatakaro Reserve. Playspaces are generally very well distributed within established residential neighbourhoods; however, there are notable gaps in suburb playspace provision in the eastern and western suburbs (Hingaia / Karaka and Red Hill), geographic gaps in planned future development areas. Although there is no current destination playspace provision within the Local Board area, the Local Board Plan (draft) identifies the provision of a destination playspace at Bruce Pulman Park as a key initiative.

Refer Playspace Typologies Map on page 09.

## PURPOSE

The purpose of this study is to assess current playspace provision at a network and individual playspace scale to establish a holistic understanding of relationships between:

- Current playspace distribution, associated catchment level of service and provision
- Play experience and age group provision of individual playspaces
- Current population density and forecast growth areas
- Specialised play experiences including wheeled play, basketball and other play elements

Then, through mapping and analysis, identify:

- Areas of forecast population growth as they relate to gaps or over supply in playspace provision
- Gaps or over supply in playspace provision and high-level development options
- Gaps in age group provision and opportunities for improvement
- Relationships between facilities and high-level opportunities for specialised provision
- High-level development priorities and locations of potential new facilities based on the above

Collectively enabling authorities to make informed decisions on playspace development priority and relevance of provision from a network perspective.

## POLICY CONTEXT

Several documents have informed the development of this report and relevant strategies, plans and policies considered to ensure alignment where applicable.

These include:

- Papakura Local Board Plan 2020 (draft)
- The Auckland Plan 2018
- Parks and Open Space Strategic Action Plan 2013
- Open Space Provision Policy 2016
- Local Parks Service Strategy 2020

## SCOPE AND LIMITATIONS

The following outlines scope and associated limitations associated with this play provision assessment:

- Playspace assessments and network relationships have been assessed within the Papakura Local Board Study Area only. It is noted that playspace catchment overlap across Local Board boundaries is minimal.
- High level radial catchment analysis provides an acceptable level of information to enable gap analysis assessment in the absence of identifying actual measured walking distances / 'pedsheds', though it is acknowledged that assessment of walking distances is indicative, with related topographical and physical constraints considered at a high level only.

- In order to alleviate bias in evaluation and provide opportunities for debate and creative discussion, assessments were moderated and discussed by two team members to agree appropriate assessment and recommended priority.
- Commentary on playspace design principles has been excluded from this report. It is understood that this will be covered in Council's Local Parks Service Strategy and upcoming Tākaro document.
- Priority assessment is based on a high-level perception of playspaces as they relate to the network as a whole.
- No assessment of playspace or play equipment condition has been made.
- No specific SunSmart provision or shade analysis assessment has been completed beyond listing shade provision types observed on site at time of visit.
- Community consultation was not conducted in the preparation of this report. Future investigation and consultation, particularly with local community, will be required to inform design and implement playspace development. This also applies to executing assessments with a high-level understanding only of related behavioural issues outside of explicit safety or Crime Prevention Through Environmental Design (CPTED) issues.
- Primary and intermediate school playspaces, and their availability to the public outside of school hours, have been indicated on the maps as they provide important play provision within local communities. No further information on the types of play equipment has been evaluated, as single large multi play, obstacle, or climbing elements are typically provided, and this assumption provides a suitable baseline to assess relevance of provision in relation to adjacent playspaces.
- Specific in-depth analysis of youth and adult facilities outside of identified assets / reserves within the Local Board study area does not form part of this scope. This report does however provide high level commentary on perceived gaps in youth facility provision and identifies potential opportunities for further investigation.
- Data collection is largely quantitative with limited qualitative assessment of equipment and associated value / experience. Where applicable, high level commentary is provided to address gaps and inform investment. No assessment of play value has been made within this report.
- Population growth data from the Auckland Transport Macro Strategic Model (MSM) has been used to obtain an understanding of population growth and density projection in relation to play provision. No assessment of specific age group distribution has been undertaken.



## OPEN SPACE AND PLAYSPACE CONTEXT

### OPEN SPACE TYPOLOGIES

Auckland Council's Open Space Provision Policy informs future investment decisions with the aim of creating a high-quality open space network. Part 2 of this policy outlines a framework for analysing existing and future provision within an established urban area.

Key public open space typologies are identified within Part 2 of the Policy with information provided on indicative amenities and provision targets. Open space typologies relevant to this play provision audit include:

- Neighbourhood parks
- Suburb parks
- Destination parks
- Civic spaces

These typologies are intrinsic to considering the types of activities and supporting amenities provided within each reserve or park. Ultimately, playspaces should provide for anticipated user groups within parks and reserves, though provision of play within open spaces is considered independently of the reserves themselves when assessing play provision at a network level.

### PLAYSPACE TYPOLOGIES

As play provision and types of experience also need to service context at Neighbourhood, Suburb, and Destination Level (including considering urban and open space network relationships), the following playspace typologies are evaluated and assessed in this report:

- Neighbourhood Playspace
- Suburb Playspace
- Destination Playspace
- Civic Playspace

Individual playspace provision and associated service level is assessed relative to context, open space function (if applicable) and contribution to wider play network.

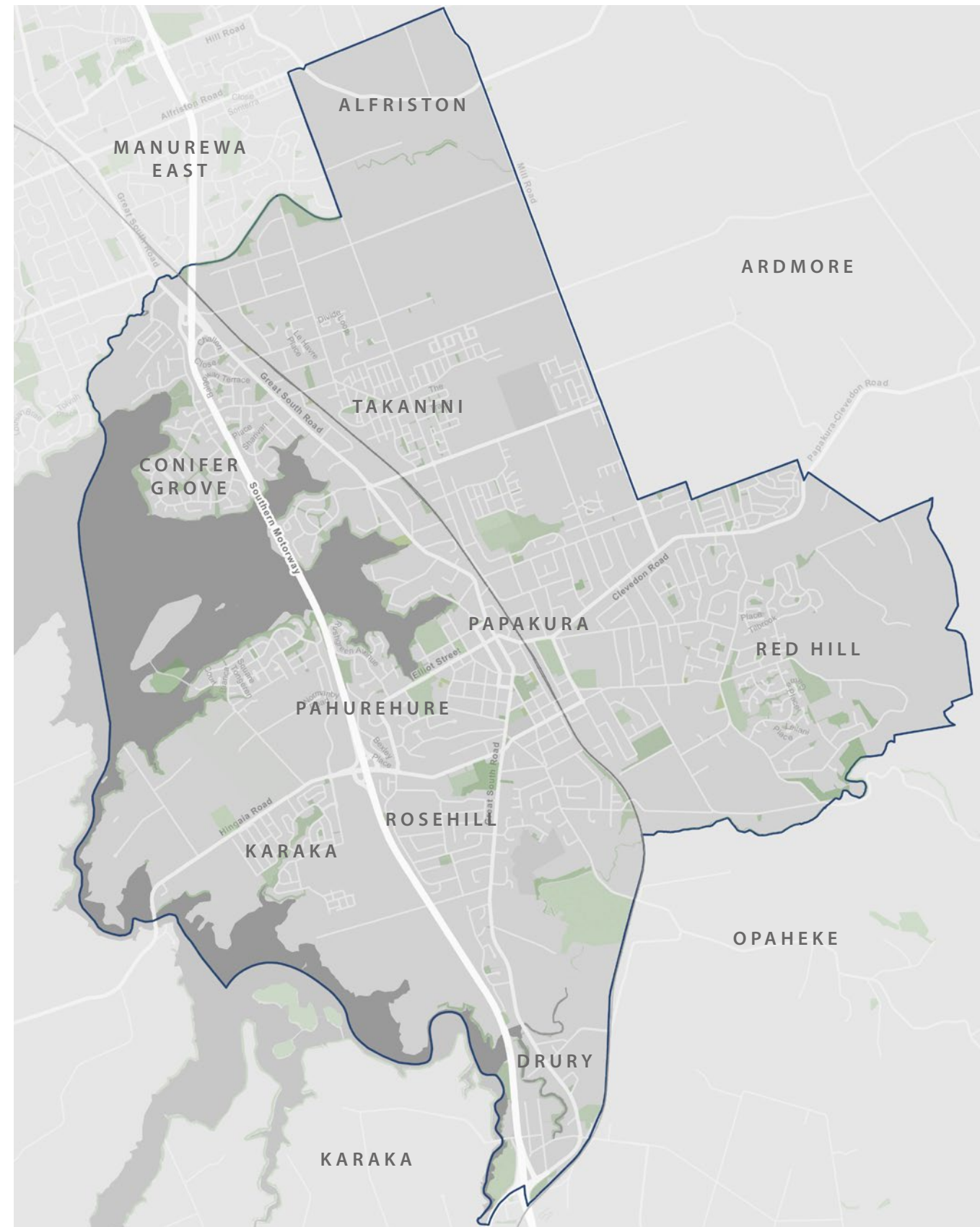
Refer Appendix B for playspace typology definitions including information on standard and specialised play experience provision.

#### Playspace Catchment / Service Areas

Radial catchment distances have been determined based on a 10-minute average walking distance for neighbourhood playspaces and a 20-minute average walking distance for suburb and destination playspaces, in line with widely-held walkability principles and average pedestrian walking speeds for residential and suburban areas.

Radial distance proxies have been adopted in lieu of defining extensive walking distance 'pedsheds'. This approach is aimed at providing a high-level informed understanding of geographic provision only, taking into account any physical barriers that may affect access and connectivity in walking catchments.

Refer Appendix B for service area distinctions as they relate to playspace typologies.



OVERALL STUDY AREA  
1:50,000 at A3



# METHODOLOGY

## ASSESSMENT PROCESS

Assessment was executed in six stages to establish gaps in play provision and priorities at playspace and network level:

- Prepare Key Network Prioritisation Principles, Definitions (including identifying radial catchment distances) and Data Capture Spreadsheet to inform overall network assessment and recommendations.
- Conduct individual playspace site visits to collect raw data and record information on data capture spreadsheets.
- Collate raw data and prepare maps to articulate existing play provision, gaps in provision and relationships between individual playspaces.
- Prepare population analysis maps addressing current and projected population trends and changes in population density.
- Undertake analysis of play provision relationships at a network level, evaluating data to rationalise geographic provision and communicate options for network extension or consolidation as applicable.
- Prepare concise commentary at a network level, moderating playspace recommendations where necessary to accurately reflect network requirements and priorities.

The following sections expand on the assessment process including listing key principles used to inform network assessment:

### KEY NETWORK PRIORITISATION PRINCIPLES

All playspaces have been assessed using key principles to determine network priorities (high, medium or low). Key principles are as follows:

#### Network Provision

- Existing playspaces that, through their redevelopment, are able to address significant network provision gaps or improve synergies with adjacent playspaces shall generally have higher priority than those with limited opportunity to contribute positively towards balanced and appropriate network provision.
- In this regard, playspaces in close proximity to nearby playspaces and possessing very similar play provision shall generally be low priority. In some instances playspace clusters may be considered for optimisation as part of a holistic review of network provision.

#### Location and Access

- Playspaces that are well-connected, close to community facilities and easily accessible from residential areas shall have higher priority than those not located near residential and community amenities. In this regard, barriers to access and connectivity shall be considered to ensure appropriate prioritisation of playspaces in severed catchment.

#### Population

- Playspaces located within population growth areas shall generally have higher priority than those within limited growth areas.

#### Age Group and Experience

- Playspaces possessing significant age group or play experience gaps and / or failing to meet baseline minimum requirements for their open space typology shall have higher development priority than those already meeting or exceeding requirements. Refer Playspace Typologies section in Appendix B for baseline minimum playspace provision.

## INDIVIDUAL PLAYSPACE ASSESSMENT

The following provisions are considered in the assessment of each individual playspace whilst considering wider network context:

#### Field Survey

A Data Capture Spreadsheet was filled out on site with the following information captured for each playspace:

- Reserve name
- Playspace Typology
- Age group provision
- Play experience provision
- Specialised play experience provision
- Accessibility
- Supporting infrastructure

Refer Data Capture Spreadsheet in Appendix A.

#### Playspace and Age Group Context

As outlined above, experience and age group provision information was captured to support desktop assessment of appropriateness of play and age provision from an overall network perspective.

## NETWORK MAPPING

Network mapping enables review of network distribution and play provision in a holistic manner, and informs evaluation and commentary on:

- Appropriateness of playspaces as they relate to the network as a whole
- Location and access in relation to catchment and amenities
- Relevance of gaps in play experience and age provision in relation to adjacent playspace provisions and projected population

#### Play Typology Map

Playspace Typology information captured on site has been mapped at a network level to provide an overview of playspace locations and typologies as they relate to school playspaces, open space network and playspace provision in adjacent local boards.

#### Play Experience and Age Provision Maps

Building on raw data collected from individual playspace sites, information has been mapped at a network level to illustrate age, play experience and specialised play experience provision.

Play experiences and age provision are graphically articulated as 'targets' on the Existing Play Experiences and Existing Specialised Play Experiences Maps. These bullseyes represent existing provision via colour coded concentric rings.

The size of each 'target' is proportional to play experience provision. The larger the 'target', the more experiences present within the playspace / reserve.

## PRIORITY ASSESSMENT AND DEVELOPMENT RECOMMENDATIONS

As outlined above, playspaces and network relationships have been assessed against Key Network Prioritisation Principles to determine high, medium or low development priority. Where appropriate, brief commentary on priority considerations and development options from a network-perspective has been included. Refer Play Network Opportunities on page 19 and Data Capture Spreadsheet for additional information

Commentary also addresses significant gaps in experience and / or age group provision that contribute to a playspace not meeting minimum baseline requirements as set out in the Playspace Typologies definitions in Appendix B.

#### Play Network Opportunities Table

The Play Network Opportunities Table groups key high and medium priority playspaces into geographic clusters to summarise network opportunities and enable holistic comparison of key network improvements.

#### Play Network Opportunities Map

The Play Network Opportunities Map locates geographic clusters identified in the Play Network Opportunities Table, including playspaces identified for optimisation and proposed locations of new playspaces to address network gaps.

#### Population and Distribution / Highlighted Growth Areas

Population density and growth has also been mapped to clearly articulate playspace provision relative to projected growth areas (and potential investment focus). Refer Appendix C for Population Density and Growth Maps.







## **CURRENT PLAY NETWORK**



# CURRENT PLAY NETWORK

## QUANTITY AND DISTRIBUTION

A total of 42 council-owned playspaces were visited and analysed within the Papakura Local Board area.

From a network perspective, there are clear gaps in playspace provision in the Red Hill, Conifer Grove and Rosehill areas and in future growth areas at Hingaia / Karaka, Papakura / Takanini and Drury / Opaheke.

Refer Existing Network Catchments Map in Appendix D for catchment analysis and Play Network Opportunities commentary [to be completed] on page 19 for recommendations.

### NETWORK OVER SUPPLY

Geographic distribution and activity provision have been considered in a holistic manner for the play network in its entirety. As identification of gaps in provision is important to ensure investment is appropriately directed, so is the identification of areas where facility over supply is evident.

There are some minor instances of over supply in the Papakura East and Conifer Grove areas due to the proximity and associated catchment overlap of facilities. Refer Play Network Opportunities on page 19 for recommendations [to be completed].

## PLAY EXPERIENCE PROVISION

### STANDARD PLAY EXPERIENCES

Playspaces within the study area typically provide climbing / crawling, swinging and sliding play experiences as a baseline minimum. There are consistent gaps in:

- Jumping (present in 5% of playspaces)
- Rocking (present in 26% of playspaces)
- Creative / imaginative (present in some form in 40% of playspaces)
- Balancing (present in 48% of playspaces)
- Spinning (present in 50% of playspaces)

This is generally symptomatic of limitations associated with the provision of legacy modular equipment, the era of manufacture and style of implementation.

### SPECIALISED PLAY EXPERIENCES

There are wide ranging gaps in specialised play experience provision across the Papakura network, including:

- Water (not present in any playspaces)
- Sound (not present in any playspaces)
- Sand (present in 2% of playspaces)
- Nature Play (present in 21% of playspaces)
- All abilities play items (present in 26% of playspaces)

This is again generally symptomatic of limitations associated with legacy equipment and style of implementation. Renewal of older neighbourhood playspaces may also prioritise like-for-like replacement with limited opportunity for integration of specialised play experiences.

This study has also identified significant network gaps in non-skate or scooter wheeled play experiences within the Papakura area.

## AGE GROUP PROVISION

All playspaces provide play experiences for the Early Childhood and Junior age groups (0 to 8 years).

Approximately 90% of playspaces cater to the Senior age group (9-12 years). However, there are some notable gaps in the quality and range of provision for this age group, with approximately 60% of Senior play provision provided by poor quality standard play experiences or wheeled and / or court experiences.

Wheeled play and courts facilities provide important play opportunities for teenagers, accounting for approximately 58% of youth play provision. Non-wheeled or court play experiences for teenagers are provided at Parkhaven Reserve, Marybeth Reserve, Central Park Reserve, Village Green, Milano Reserve, Pahurehure Esplanade Reserve, Kauri Drive Commons, Takaanini Reserve and Berwyn Reserve, although the quality and range of experiences varies.

# PLAYSPACE TYPOLOGIES MAP

This map locates each Council-owned and school playspace within the Papakura Local Board area and classifies them by relevant playspace typologies.

Refer Appendix B for playspace typology definitions.

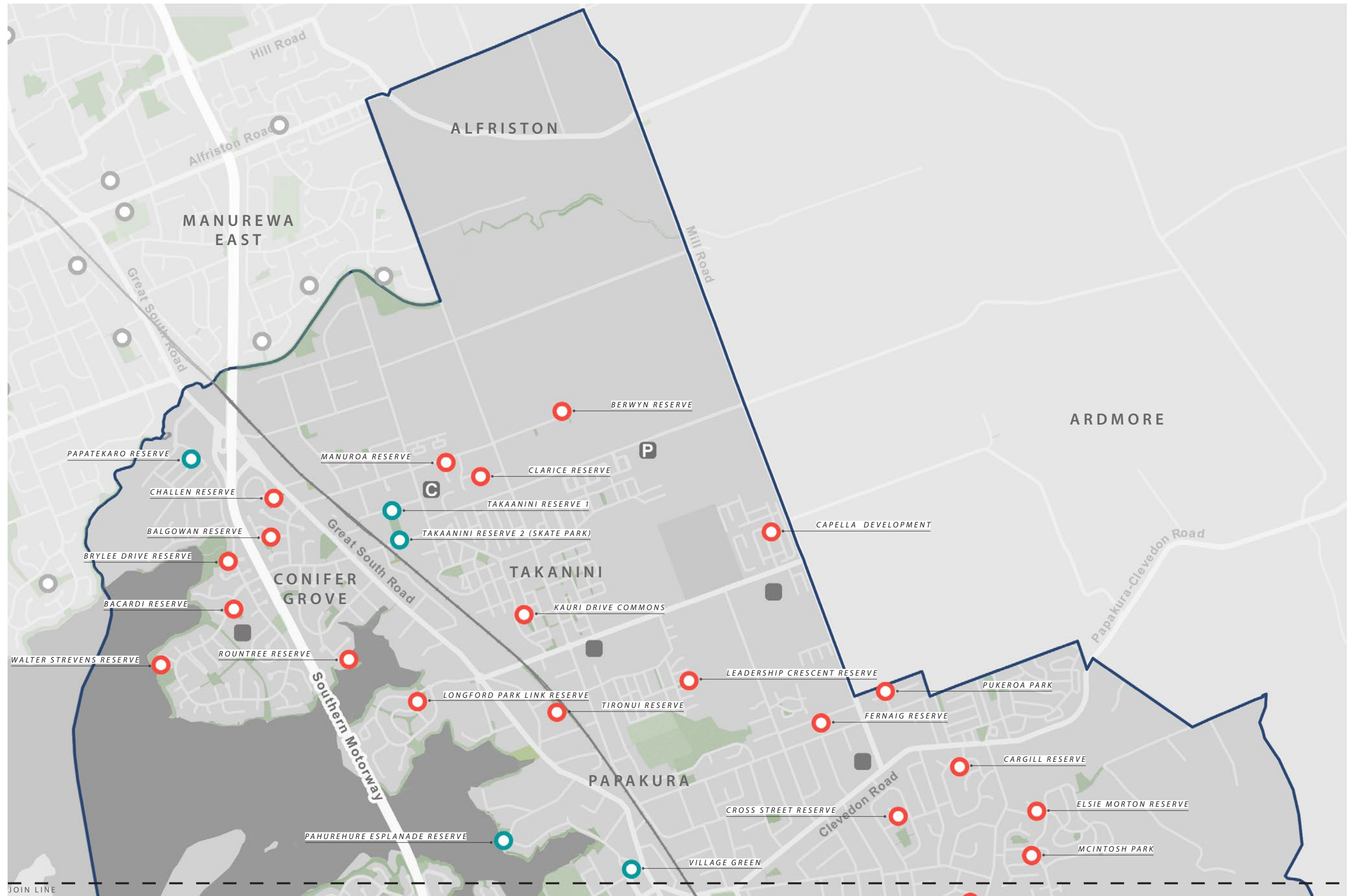
## KEY

### Playspace Typologies

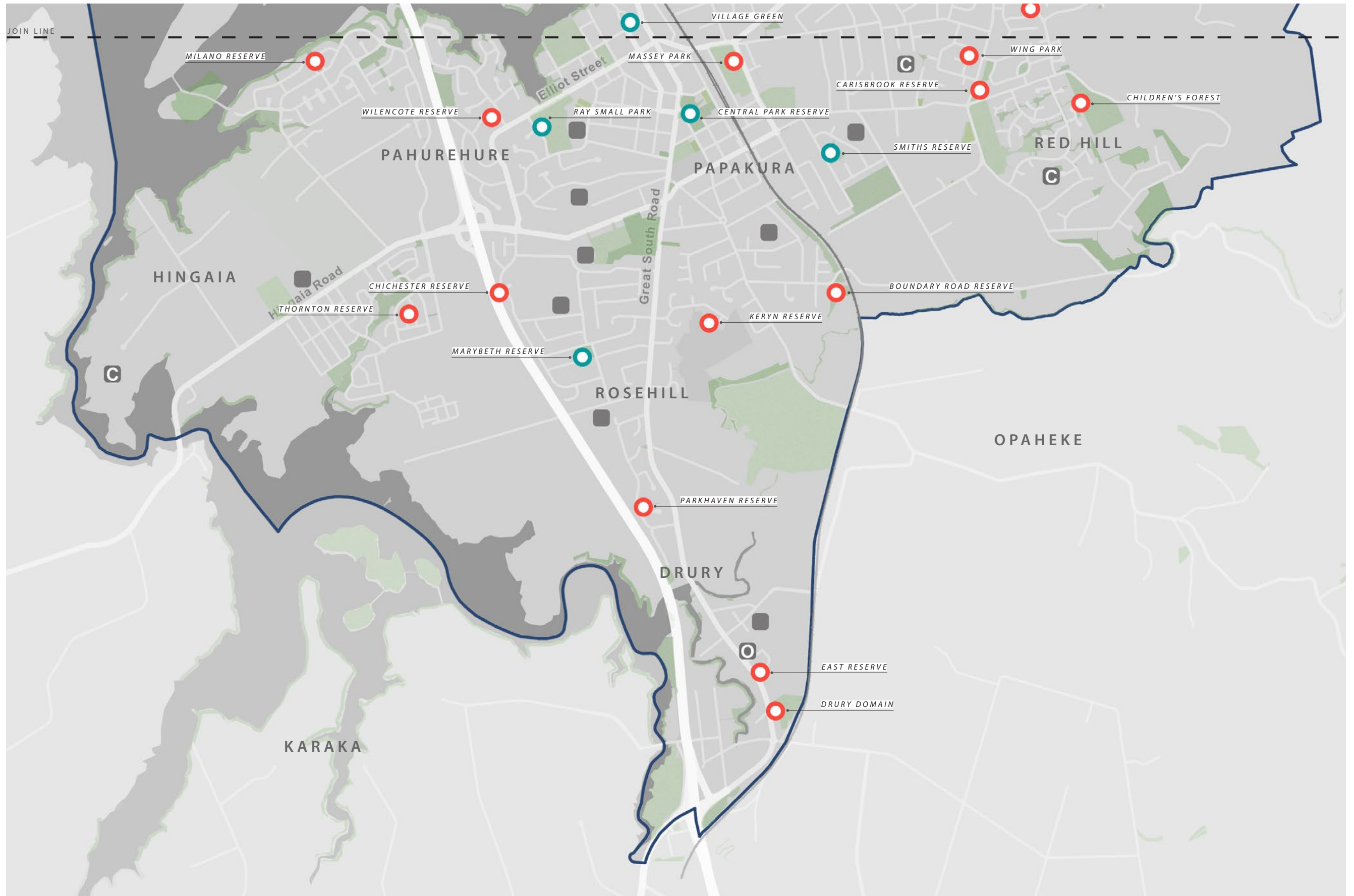
- Neighbourhood Playspace
- Suburb Playspace
- Playspace in adjacent Local Board

### School Playspaces

- School Playspace (open to the public after hours)
- C School Playspace (closed to the public)
- P School Playspace (open after hours to students and their whanau)
- School Playspace (public availability unknown)
- Local Board extent









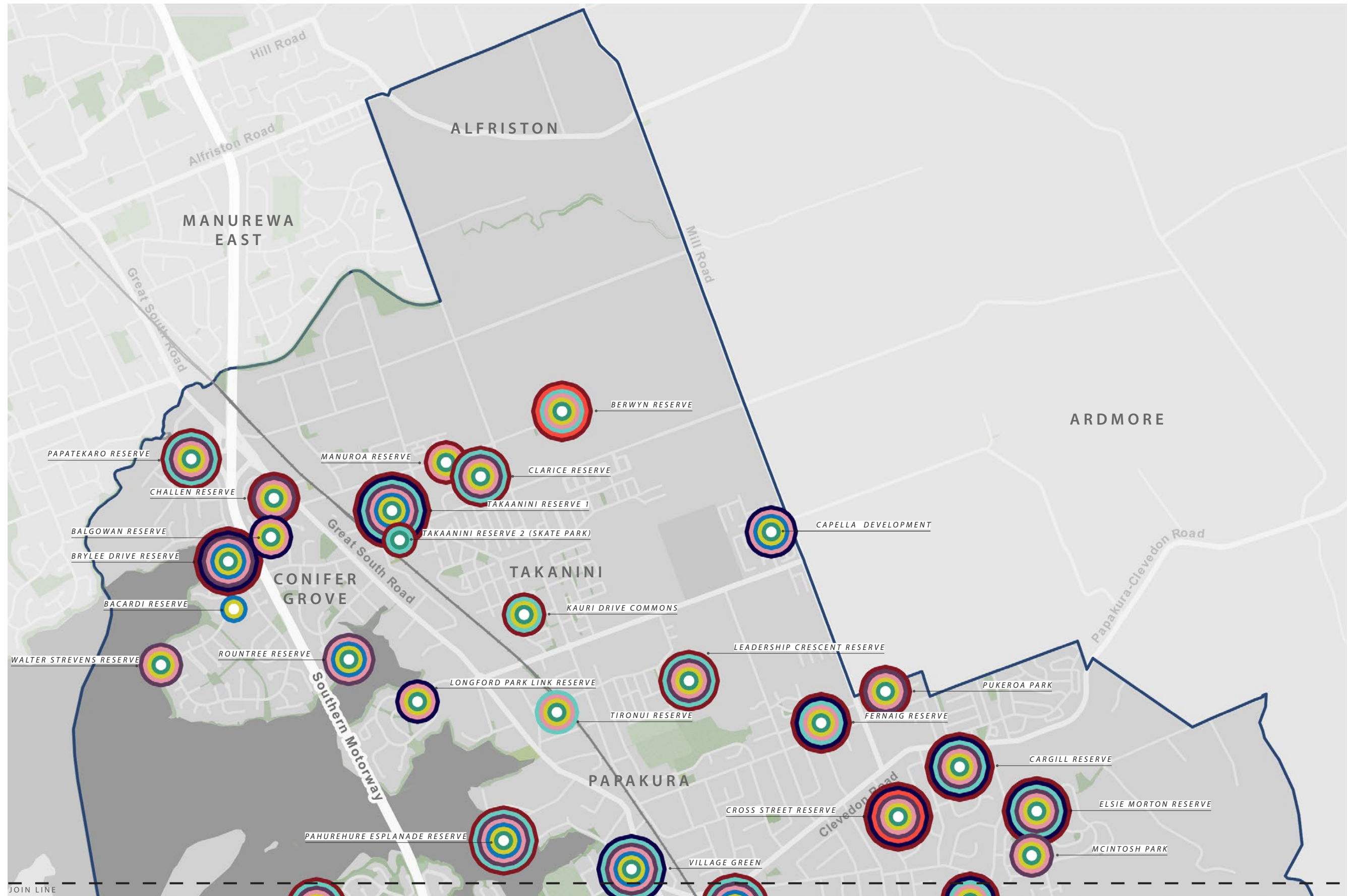
# PLAY EXPERIENCES MAP

This map articulates standard play experience. It is important to note the size of each 'target' is proportional to experience provision. The larger the 'target', the more experiences present. Refer Appendix B for play experience definitions. Refer Appendix A for Data Capture Spreadsheet.

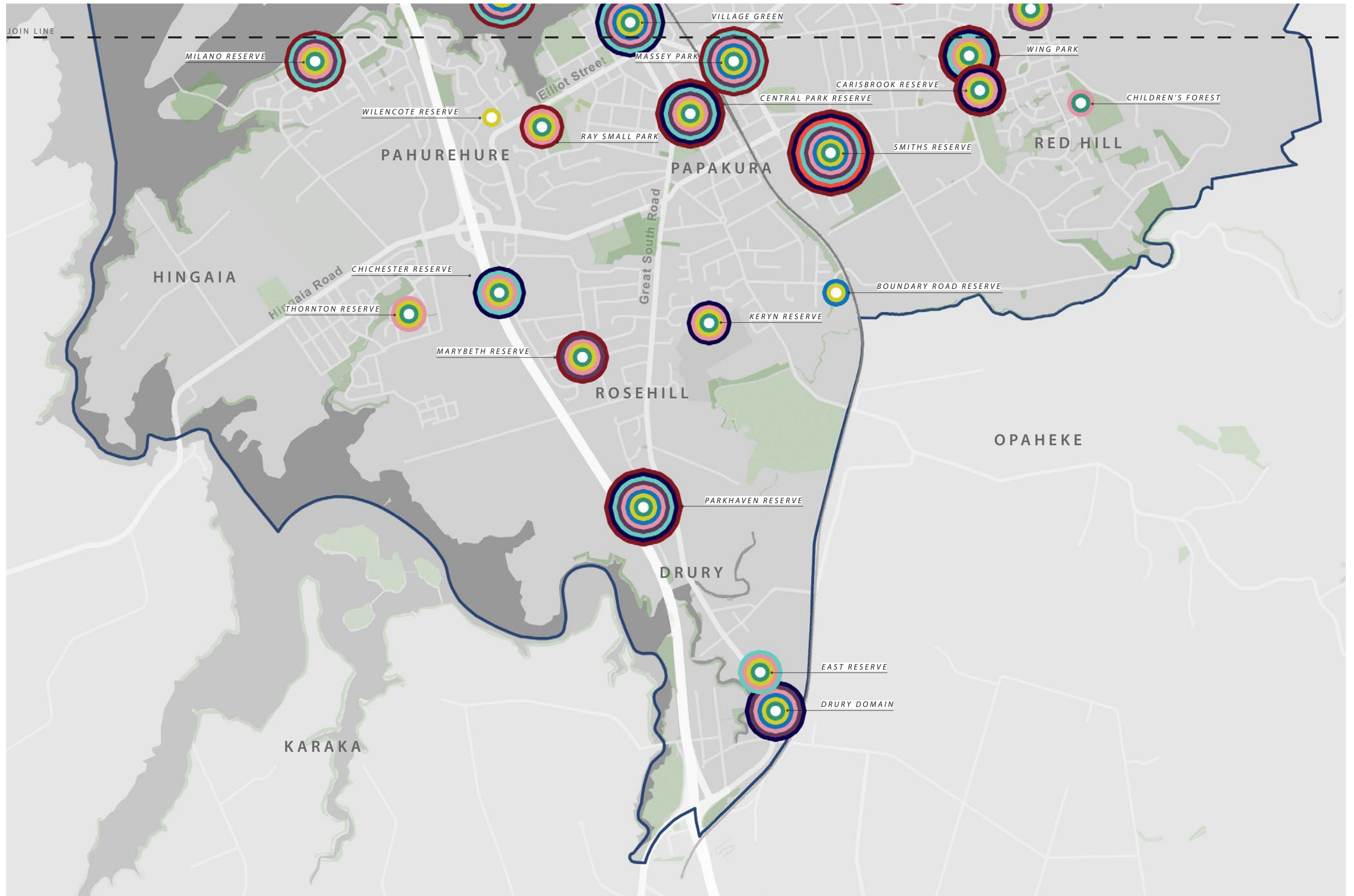
## KEY

### Play Experience Provision

- █ Climbing / crawling
- █ Swinging
- █ Rocking
- █ Sliding
- █ Spinning
- █ Balancing
- █ Jumping
- █ Creative / imaginative
- █ Specialised play (refer Specialised Play Experiences Map)
- █ Local Board extent







# SPECIALISED PLAY EXPERIENCES MAP

This map articulates specialised play experience provision and associated age group provision.

As before, it is important to note the size of each 'target' is proportional to experience provision. The larger the 'target', the more experiences present.

Refer Appendix B for specialised play definitions.

Refer Appendix A for Data Capture Spreadsheet.

## KEY

### Specialised Provision

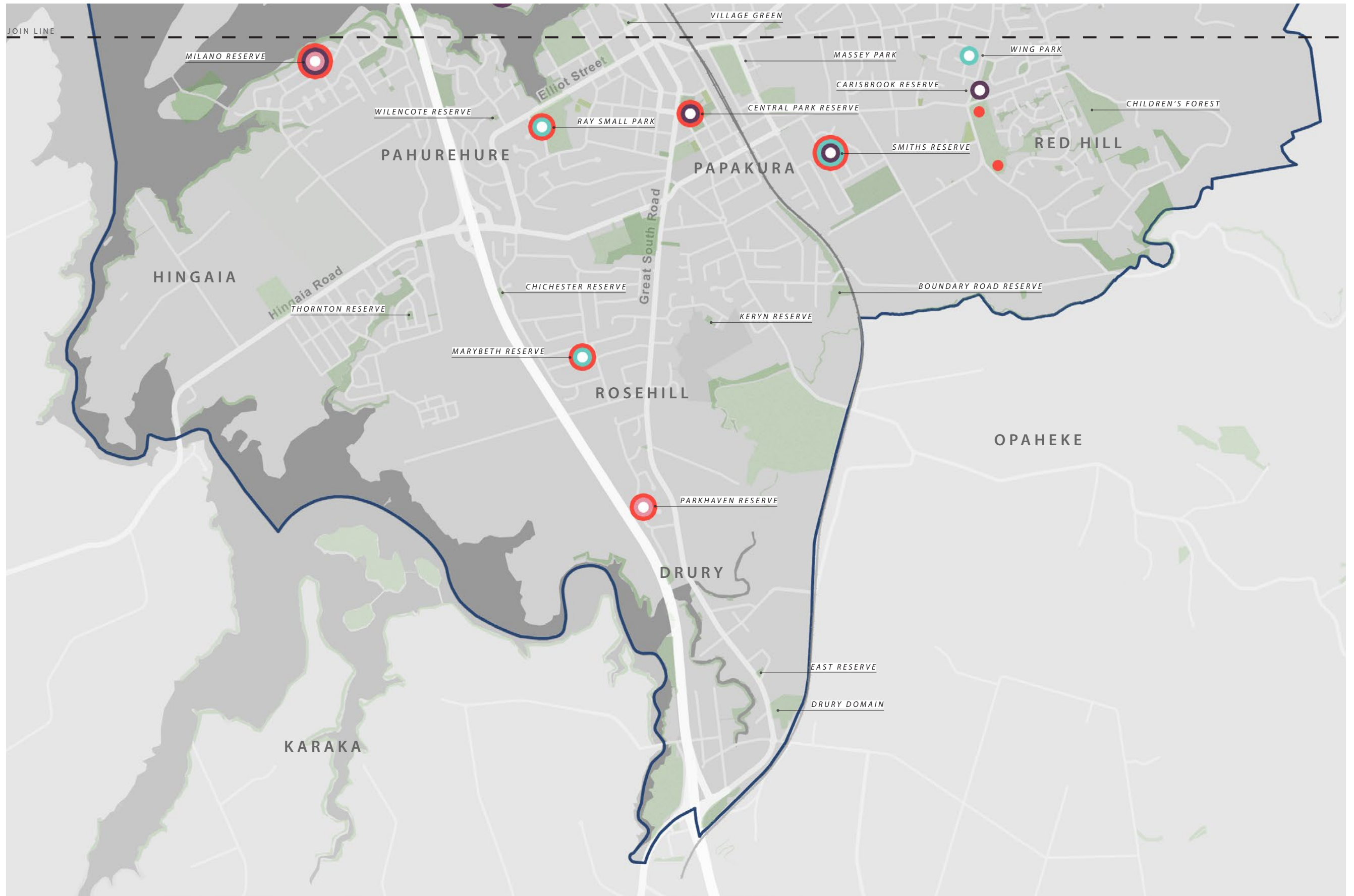
- Sound
- Sand
- Water
- Nature play
- All abilities play
- Courts
- Wheeled play
- Other play elements

### Provision Outside Playspaces

- Courts
- Wheeled play
- Local Board extent





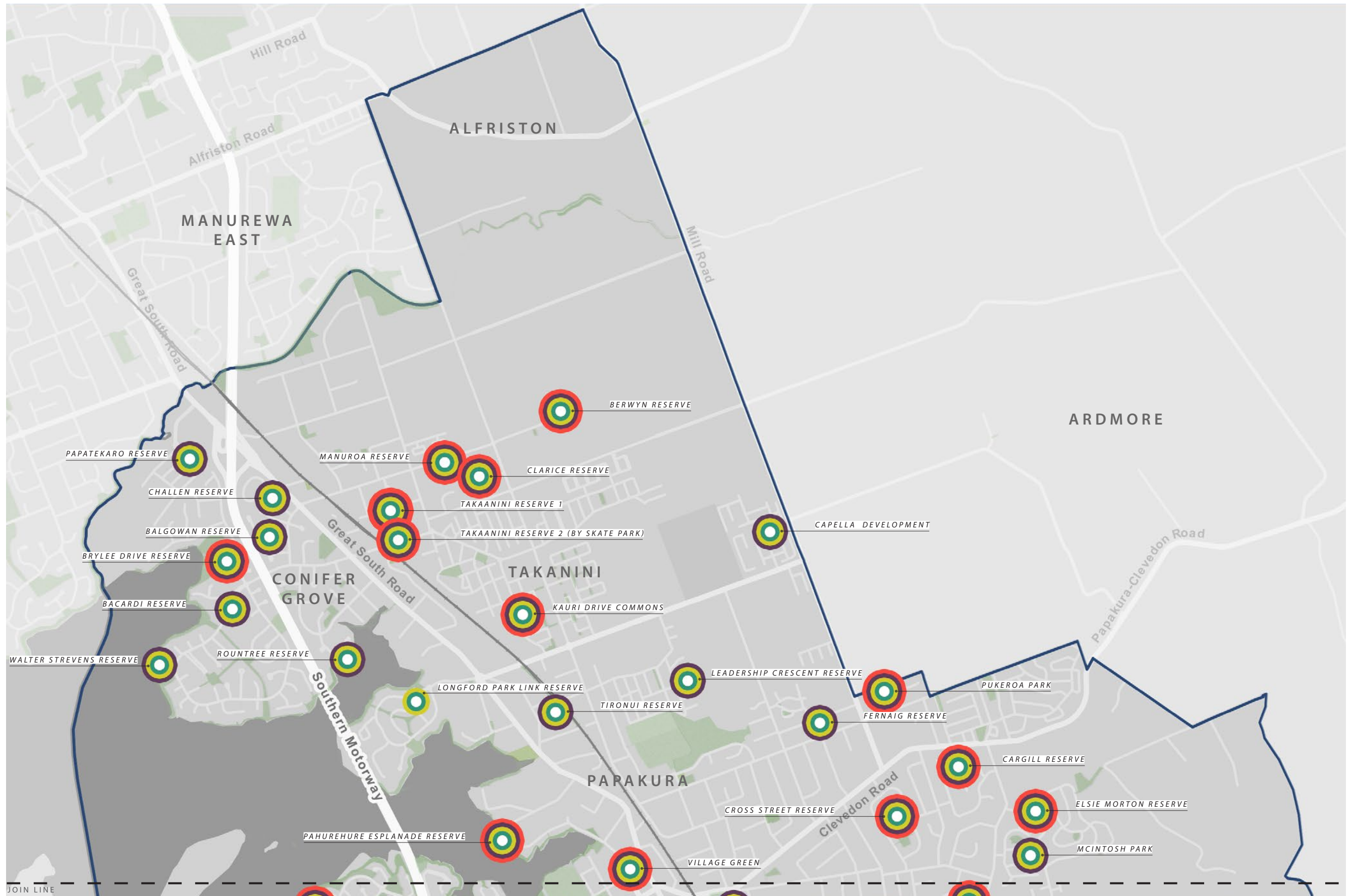


# AGE PROVISION MAP

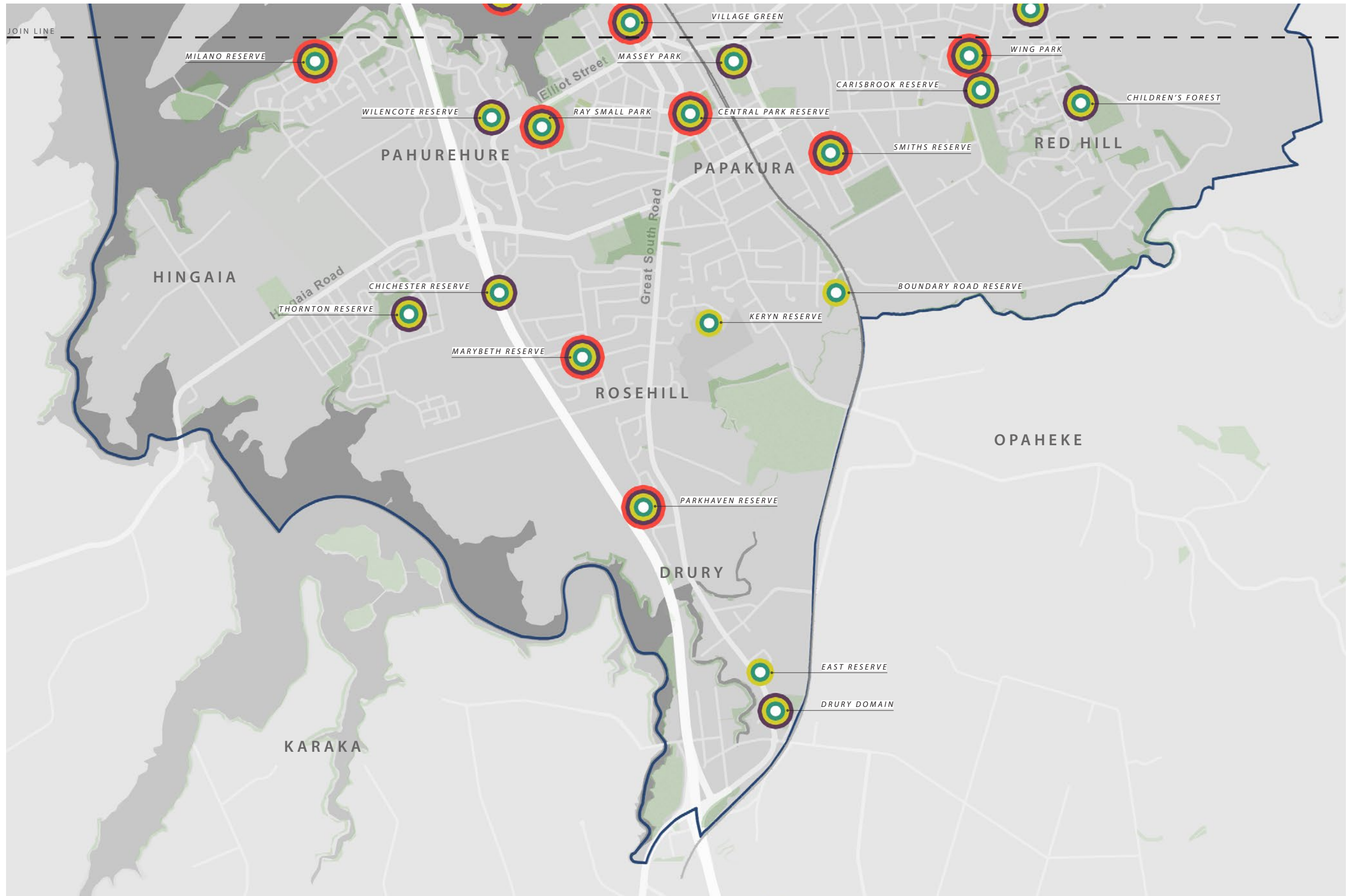
This map articulates age group provision. It is important to note the size of each 'target' is proportional to age group provision. The larger the 'target', the more age groups catered for. Refer Appendix C for age group definitions and Appendix A for Data Capture Spreadsheet.

## KEY

- Age Provision
- Early Childhood (0-4 years)
  - Junior (5-8 years)
  - Senior (9-12 years)
  - Youth (13+ years)









## **PLAY NETWORK OPPORTUNITIES**



# PLAY NETWORK OPPORTUNITIES

## NETWORK PRIORITIES

As outlined in the methodology section, playspaces have been assessed relative to Key Principles to establish high, medium and low development priorities. It is recommended that playspaces are developed based on these priorities, keeping in mind that playspaces able to address network gaps or contribute positively towards improved network provision should be emphasised over others with the same priority rating but less opportunity to enhance network provision. Refer Data Capture Spreadsheet for priorities and associated commentary.

In addition to the above, the following identifies key network improvements and opportunities for new and existing playspaces to improve overall network functionality.

## POPULATION DYNAMICS, DENSITY AND GROWTH AREAS

For the purpose of this report, projected population growth (percentage increase in population density) has been graphically mapped relative to Auckland Macro Strategic Model (MSM) zones. Refer population maps in Appendix C for locations of playspaces as they relate to population growth areas.

The following summarises key findings:

- Population growth areas correlate with increases in population density.
- The Drury / Opaheke growth areas are projected to receive 2,412 additional residents, resulting in a 185% increase in population density.
- The Papakura / Takanini growth areas are projected to receive 4,467 additional residents, resulting in a 138% increase in population density.
- The Karaka growth area is projected to receive 4,857 additional residents, resulting in a 116% increase in population density.
- The Hingaia growth area is projected to receive 3,853 additional residents, resulting in a 99% increase in population density.

Projected population growth has been used to inform priority, with playspaces within population growth areas given higher development priority. The following playspaces are located within high population growth areas:

- Drury Domain
- East Reserve
- Keryn Reserve
- Leadership Crescent Reserve
- Thornton Reserve

The following new playspaces have been identified within high population growth areas:

- Opaheke Park, Opaheke – a suburb playspace is recommended
- Awakeri Wetlands, Takanini – a suburb playspace is recommended to support the future surrounding high density residential area, with additional informal nature play opportunities considered within the proposed pathway network
- Hingaia Park, Karaka – a destination playspace is recommended
- 16 Kuhanui Drive, Karaka – a neighbourhood playspace is recommended, with provision carefully considered to complement nearby Thornton Reserve and Hingaia Park
- 158A Park Estate Road – a suburb playspace is recommended
- Karaka / Hingaia areas – several neighbourhood playspaces are recommended within future residential developments, with acquisition or partnership with developers required. Wherever possible, playspace development should ensure experience provision and / or theming is well considered to avoid unnecessary duplication of equipment pieces or experiences within the same residential catchment.

Refer Play Network Opportunities Map for new playspace locations, including indicative quantity and spread of playspaces within future residential areas.

## NEW PLAYSPACES

As identified previously, there are clear gaps in playspace provision at a neighbourhood-level in the Red Hill, Conifer Grove, Papakura, Takanini and Rosehill areas. The following sites have been identified for future playspace development to fill geographic gaps:

- Evanda Link Reserve, Conifer Grove – a neighbourhood playspace is recommended in lieu of Bacardi Reserve
- Waiari Reserve, Conifer Grove – a neighbourhood playspace is recommended in lieu of Rountree Reserve
- Waiata Shores Development – a neighbourhood playspace is recommended
- Kauri Heart Park, Takanini – a large neighbourhood playspace is recommended
- Bruce Pulman Park, Takanini – a destination playspace is recommended
- Old Wairoa Reserve, Papakura – a neighbourhood playspace is recommended
- Kirikiri Reserve, Papakura – a neighbourhood playspace is recommended to cater for the Early Childhood to Senior age groups
- Keri Downs Park, Red Hill – a suburb playspace is recommended
- Barberton Reserve, Red Hill – a neighbourhood playspace is recommended
- Okawa Avenue Reserve, Ardmore – a neighbourhood playspace is recommended
- Southern Park, Rosehill – a neighbourhood playspace is recommended

Refer Play Network Opportunities Map for locations.



## OPTIMISATION / DECOMMISSION

Where appropriate, it is recommended that facilities in close proximity to each other are optimised and developed in a complementary manner or considered for decommissioning.

The following elements should be considered in tandem to ensure appropriate provision and network outcomes when planning and designing playspaces with significant catchment overlap:

- Extent of surrounding neighbourhood-level catchment coverage and associated walking distance provision – including further investigation using pedshed data as appropriate
- Timing of potential decommissions
- Timing of associated network improvements
- Lifespan and condition of existing playspaces – with facilities identified for decommission in good condition, or those that have been recently upgraded, maintained until nearby facilities are improved or equipment retention is no longer viable
- Experience and age provision of nearby playspaces and potential to establish complementary relationships and avoid duplication of experiences where considered appropriate

The following facilities are identified for decommission:

- Rountree Reserve, Conifer Grove – consider relocating neighbourhood playspace to nearby Waiari Reserve to better service residential catchment and improve CPTED outcomes
- Bacardi Reserve, Conifer Grove – consider relocating neighbourhood playspace to nearby Evanda Link Reserve to better service residential catchment

The following facilities have potential to be optimised and developed with complementary relationships in lieu of decommission:

- McIntosh Park, Papakura – complementary relationship established with Elsie Morton Reserve
- Challen Reserve, Conifer Grove – complementary relationship established with Balgowan Reserve

Refer Data Capture Spreadsheet for further commentary.

## BASELINE IMPROVEMENTS

The following high and medium priority playspaces should be considered for additional experience and / or age improvements to ensure appropriate provision relative to typology:

- Children's Forest, Papakura – currently lacking swinging experience
- Keryn Reserve, Opaheke – Junior age group provision improvements required
- Barcardi Reserve, Conifer Grove – currently lacking climbing / crawling and sliding experiences. As previously identified, it is recommended that the facility is decommissioned and a new facility established at nearby Evanda Link Reserve
- Boundary Road Reserve, Opaheke – currently lacking climbing / crawling and sliding
- Wilencote Reserve, Pahurehure – currently lacking climbing / crawling and sliding experiences
- Ray Small Park, Rosehill – gaps in suburb-level provision

## AGE PROVISION IMPROVEMENTS

The following high and medium priority playspaces should be considered for Senior (9-12 yrs) and / or Youth (13+ yrs) age group improvements:

- Drury Domain, Drury
- Waiari Reserve, Conifer Grove
- Keri Downs Park, Red Hill
- Hingaia Park, Hingaia
- Walter Strevens Reserve, Conifer Grove
- Longford Park Link Reserve, Takanini
- Awakeri Wetlands, Takanini
- Bruce Pulman Park, Takanini

The following high and medium priority playspaces should be considered for Early Childhood (0-4 yrs) and Junior (5-8 yrs) age group improvements:

- Keryn Reserve, Opaheke
- Brylee Drive Reserve, Conifer Grove
- Chichester Reserve, Rosehill
- Wilencote Reserve, Papakura

## SPECIALISED PLAY IMPROVEMENTS

It is recommended that the incorporation of specialised play experiences is carefully considered at a network level to ensure maximum network impact within budgetary and operational constraints. It is not recommended that all playspaces, whether existing or proposed, contain specialised play experiences by default.

Despite this, nature play, all abilities and sound experiences are typically easier to integrate within existing or proposed playspaces than water and sand play experiences; with water play often requiring a high level of investment to be successful. Sand and water play also have more substantial maintenance requirements unless associated with managed facilities.

### WHEELED PLAY AND COURTS

The following high and medium priority playspaces have been identified for additional wheeled play and / or court facilities:

- Hingaia Park, Hingaia – pump track or learn to ride, basketball court
- Drury Domain, Drury – basketball half court
- Keri Downs Park, Red Hill – skate, pump track and basketball court
- Waiata Shores Development – scooter trail
- Waiari Reserve, Conifer Grove – basketball half court
- Bruce Pulman Park, Takanini – learn to ride, scooter trail, half basketball court and netball hoops
- Walter Strevens Reserve, Conifer Grove – informal pump track and half basketball court
- Smiths Reserve, Papakura – bike path through trees

### WATER AND SAND PLAY

The following high and medium priority playspaces have been identified for additional water and / or sand experiences:

- Hingaia Park, Hingaia – water and sand play
- Carisbrook Reserve, Red Hill – potential sand play
- Central Park Reserve, Papakura – water play
- Keri Downs Park, Red Hill – water play
- Bruce Pulman Park, Takanini – water play

### SOUND

The following high and medium priority playspaces have been identified for additional sound experiences:

- Opaheke Park, Opaheke
- Village Green, Papakura
- Keri Downs Park and Carisbrook Reserve, Red Hill
- Waiata Shores Development
- Hingaia Park, Hingaia
- Awakeri Wetlands, Takanini

**ALL ABILITIES ITEMS**

The following high and medium priority playspaces have been identified for additional all abilities experiences:

- Drury Domain, Drury
- Marybeth Reserve, Rosehill
- Village Green, Papakura
- Waiari Reserve, Conifer Grove
- Bruce Pulman Park, Takanini
- Hingaia Park, Hingaia
- Brylee Drive Reserve, Conifer Grove
- Awakeri Wetlands, Takanini

**NATURE PLAY**

The following high and medium priority playspaces have been identified for additional nature play experiences, including te māra hūpara experiences.

- Hingaia Park, Hingaia
- Opaheke Park, Opaheke
- Boundary Road Reserve, Opaheke
- Smiths Reserve, Papakura
- Keri Downs Park, Redhill
- Kauri Heart Park, Takanini
- Waiata Shores Development
- Awakeri Wetlands, Takanini
- 158A Park Estate Road

**TABLE FOOTNOTES**

- \* Potential new playspace within existing reserve to address geographic provision gaps
- \*\* Open Space acquisition required to accommodate potential playspaces and address geographic provision gaps

KEY PLAY NETWORK OPPORTUNITIES TABLE								
Cluster / Playspace name		Priority Network Improvements And Opportunities (refer text / Data Capture Spreadsheet for more detail)						
Refer Play Network Opportunities Map for locations		Suburb / Destination PS	Population Growth	Geographic Gap	Specialised Provision	Age Provision	Decommission / Optimisation	Baseline Improvements
A	Bacardi Reserve							
	Brylee Drive Reserve							
	Evanda Link Reserve*							
	Waiata Shores Development**							
	Walter Strevens Reserve							
B	Balgowan Reserve							
	Challen Reserve							
	Longford Park Link Reserve							
	Rountree Reserve							
	Waiari Reserve*							
C	Bruce Pulman Park*							
	Kauri Heart Park*							
D	Leadership Crescent Reserve							
	Old Wairoa Reserve*							
	Awakeri Wetlands*							
E	Barberton Reserve*							
	Carisbrook Reserve							
	Children's Forest							
	Keri Downs Park*							
	Kirikiri Reserve*							
	McIntosh Reserve							
	Okawa Avenue Reserve*							
F	Karaka / Hingaia area**							
	Hingaia Park*							
	16 Kuanui Drive*							
	158A Park Estate Road*							
	Thornton Reserve							
G	Central Park Reserve							
	Chichester Reserve							
	Marybeth Reserve							
	Ray Small Park							
	Southern Park*							
	Village Green							
	Wilencote Reserve							
H	Smiths Reserve							
I	Boundary Road Reserve							
	Keryn Reserve							
	Opaheke Park*							
J	Drury Domain							
	East Reserve							



# PLAY NETWORK OPPORTUNITIES MAP

This map identifies clusters of high and medium priority playspaces, playspaces identified for optimisation and proposed locations of new playspaces to address network gaps.

Refer Play Network Opportunities Table in previous section for further information on key network opportunity clusters

Refer Data Capture Spreadsheet for concise commentary on specific playspaces.

## KEY

### Opportunity Clusters

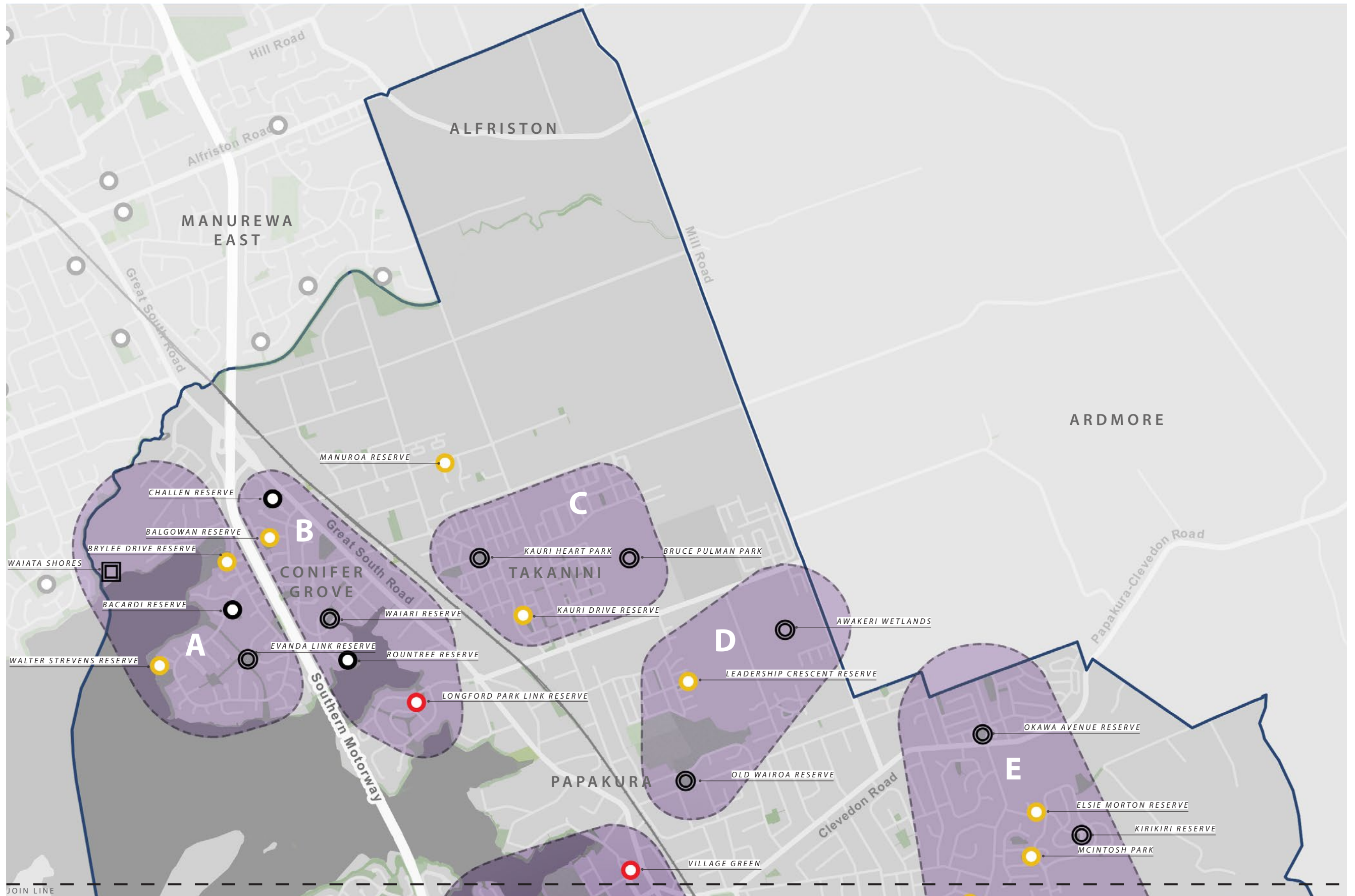
- A** Opportunity Cluster  
Refer Play Network Opportunities Table for further information on key opportunities for each playspace

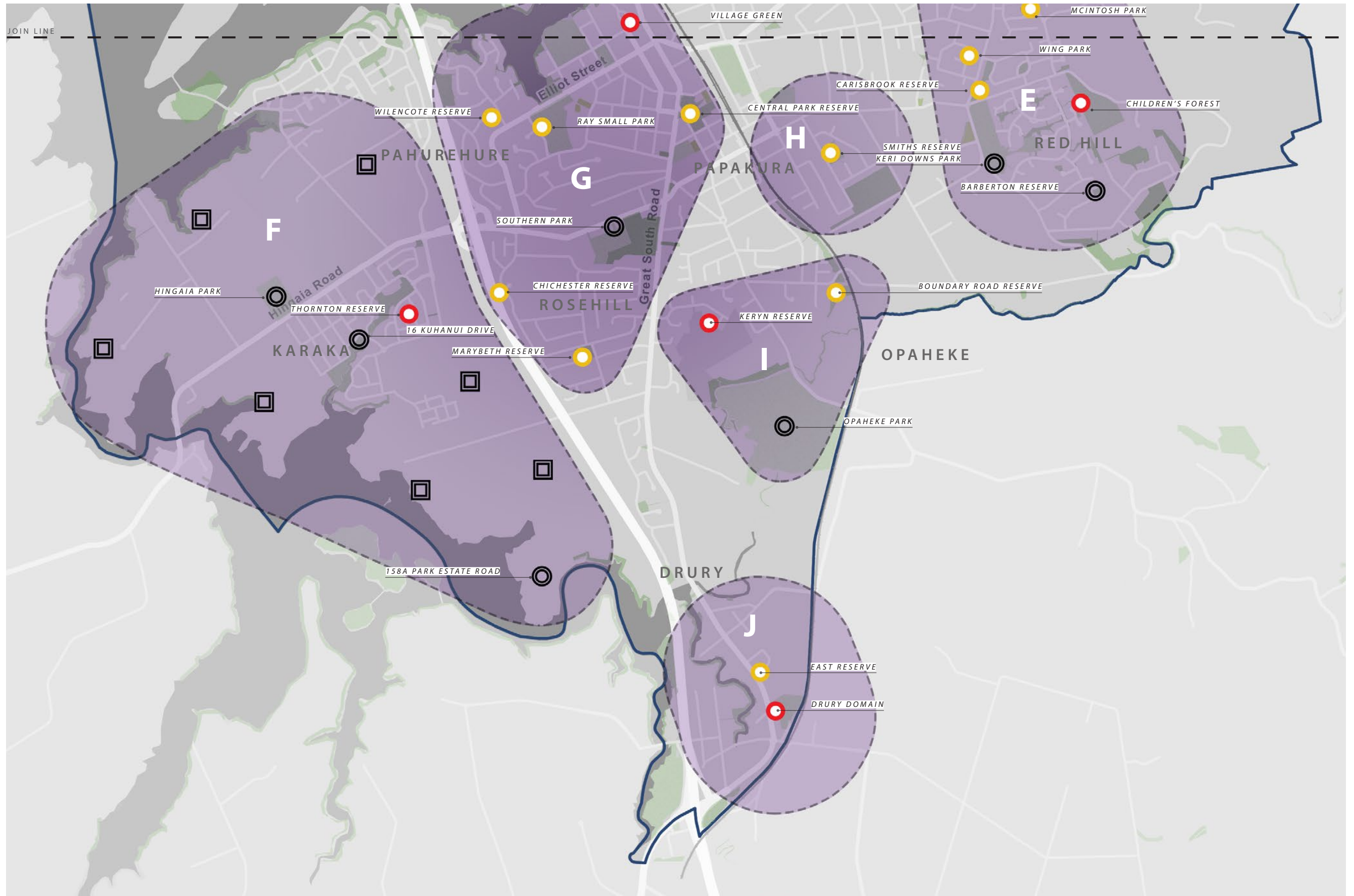
### Existing Playspaces

- High Development Priority
- Medium Development Priority
- Optimisation or Decommission Proposed
- Playspace in adjacent Local Board

### New Playspaces

- Potential new playspace within an existing council-owned reserve
- Potential new playspace within a future residential area (locations indicative only)
- Local Board extent









# **APPENDIX A**

DATA CAPTURE SPREADSHEET

# DATA CAPTURE SPREADSHEET

- The following table collates information gathered during individual site visits.
- Refer Appendix B for relevant commentary on playspace typologies, age groups and play experiences.
- Playspaces have been assessed against Key Principles and moderated accordingly to determine priority.
- Where appropriate, brief commentary on priority considerations and development options from a network-perspective has been included.

Name and Typology			Age Group Provision				Standard Play Experience Provision						Specialised Play Experience Provision						
Reserve Name	Site ID	Playspace Typology	Early Childhood (0-4 yrs)	Junior (5-8 yrs)	Senior (9-12 yrs)	Youth (13+)	Climbing / crawling	Swinging	Rocking	Sliding	Spinning	Balancing	Jumping	Creative / imaginative	Sound	Sand	Nature play	Water	All abilities play item(s)
Bacardi Reserve	21560	Neighbourhood	Y - Poor	Y - Poor	Y - Poor	N	N	Y - Good	Y - Good	N	N	N	N	N	N	N	N	N	N
Balgowan Reserve	21589	Neighbourhood	Y - Good	Y - Good	Y - Poor	N	Y - Good	Y - Poor	N	Y - Good	N	N	N	Y - Poor	N	N	N	N	N
Berwyn Reserve	21476	Neighbourhood	Y - Good	Y - Good	Y - Good	Y - Target goal	Y - Good	Y - Good	N	Y - Good	N	Y - Good	Y - Good	N	N	N	N	N	Y - basket swing
Boundary Road Reserve	21764	Neighbourhood	Y - Poor	Y - Poor	N	N	N	Y - Poor	Y - Good	N	N	N	N	N	N	N	N	N	N
Brylee Drive Reserve	21819	Neighbourhood	Y - Poor	Y - Good	Y - Good	Y - Tennis	Y - Good	Y - Good	Y - Good	Y - Good	Y - Good	N	N	Y - Poor	N	N	N	N	N
Capella Development	-	Neighbourhood	Y - Good	Y - Good	Y - Poor	N	Y - Good	Y - Good	Y - Good	Y - Good	N	N	N	Y - Good	N	N	N	N	Y - basket swing
Cargill Reserve	21715	Neighbourhood	Y - Good	Y - Poor	Y - Poor	Y - Basketball	Y - Poor	Y - Good	N	Y - Good	Y - Good	Y - Good	N	Y - Poor	N	N	N	N	N

Accessibility					Supporting Infrastructure / Amenities							Commentary		
Courts	Wheeled Play	Other play elements	Edging	Level Access	Surfacing Type	Shade	Toilets	Parking	Drinking fountain	Lighting	Other	Nearby user groups	Priority	Considerations
N	N	N	Raised timber	N	Bark	Y - tree (partial)	N	Street & carpark (for adjacent commercial area)	N	N	Picnic table, seating (broken), bin	Lollipops Takanini, Conifer Grove Kindergarten, Conifer Grove School	<b>Proposed decommission and relocation</b>	Significant catchment overlap with Brylee Drive and Walter Stevens Reserves. Playspace also has a significant gap in baseline climbing / crawling and sliding experiences. It is recommended that the playspace is decommissioned at the end of its useable life and a playspace established at Evanda Link Reserve in its place, to provide more balanced network coverage across the wider residential catchment and address a geographic provision gap to the south of the suburb. The new playspace should include climbing / crawling, swinging, sliding, rocking, balancing and creative / imaginative experiences, predominantly for the Early Childhood to Junior age groups.
N	N	N	Raised timber	N	Bark	N	N	Street	N	N	Seating, bin	N/A	<b>Medium</b>	Medium priority rating from limited age / experience provision and opportunity to optimise nearby Challen Reserve's provision. Consider inclusion of balancing, rocking and all abilities experiences and improvements to creative / imaginative and swinging for the Early Childhood to Senior age groups.
N	N	Y - sculptural target goal on grass	Timber	Y	Bark, scuff mat under slides, wet pour	Y - tree (partial)	N	Street	N	N	Seating, bin	N/A	<b>Low</b>	Low priority rating from good existing experience and age provision and good network position. No further recommendations.
N	N	N	N	Y	Bark	N	N	Gravel area	N	N	N	Opaheke School, Little Gems Childcare	<b>Medium</b>	Medium priority rating from gaps in baseline climbing / crawling and sliding experiences despite poor access and visibility from surrounding road network and residential areas. Consider inclusion of nature play, balancing and simple climbing and sliding experiences to address gaps in baseline experience provision.
Y - 2x tennis courts	N	N	Raised timber	N	Bark	N	N	Carpark	N	N	Picnic table, seating, bin	Lollipops Takanini, Conifer Grove Kindergarten, Conifer Grove School	<b>Medium</b>	Medium priority rating from opportunity to address gaps, improve Early Childhood age group provision and build on good location and provision of passive recreation and sport activities. Consider inclusion of balancing, jumping and all abilities experiences, alongside further climbing / crawling experiences, for the Early Childhood to Senior age groups.
N	N	N	Timber	Y	Bark	N	N	Street	N	N	Seating	Kauri Flats School	<b>Low</b>	Low priority rating from good existing experience and age provision and good network position within surrounding catchment. No further recommendations.
Y - half basketball	N	N	Raised timber	N	Bark	Y - tree (partial)	N	Street	N	N	Seating, bin	BestStart Papakura East Kindy	<b>Low</b>	Low priority rating from good level of experience provision for typology. Consider improvements to climbing / crawling experiences.

Name and Typology		Age Group Provision					Standard Play Experience Provision						Specialised Play Experience Provision						
Reserve Name	Site ID	Playspace Typology	Early Childhood (0-4 yrs)	Junior (5-8 yrs)	Senior (9-12 yrs)	Youth (13+)	Climbing / crawling	Swinging	Rocking	Sliding	Spinning	Balancing	Jumping	Creative / imaginative	Sound	Sand	Nature play	Water	All abilities play item(s)
Carisbrook Reserve	21723	Neighbourhood	Y - Good	Y - Good	Y - Poor	N	Y - Good	Y - Good	N	Y - Good	N	N	N	Y - Poor	N	N	N	N	Y - basket swing
Central Park Reserve	11180	Suburb	Y - Good	Y - Good	Y - Good	Y - Social swing	Y - Good	Y - Good	N	Y - Good	Y - Good	Y - Good	N	Y - Good	N	N	N	N	Y - basket swing
Challen Reserve	23074	Neighbourhood	Y - Good	Y - Good	Y - Good	N	Y - Good	Y - Good	N	Y - Good	Y - Good	N	N	N	N	N	Y - embankment slide	N	N
Chichester Reserve	20850	Neighbourhood	Y - Poor	Y - Good	Y - Poor	N	Y - Good	Y - Poor	N	Y - Good	N	Y - Good	N	Y - Poor	N	N	N	N	N
Children's Forest	20855	Neighbourhood	Y - Poor	Y - Good	Y - Poor	N	Y - Good	N	N	Y - Good	N	N	N	N	N	N	N	N	N
Clarice Reserve	20895	Neighbourhood	Y - Good	Y - Good	Y - Good	Y - Basketball	Y - Good	Y - Good	N	Y - Good	Y - Good	Y - Good	N	N	N	N	Y - timber stilts, balancing beams	N	Y - basket swing
Cross Street Reserve	20294	Neighbourhood	Y - Good	Y - Good	Y - Good	Y - Basketball	Y - Good	Y - Good	N	Y - Good	Y - Good	N	Y - Good	Y - Poor	N	N	N	N	Y - basket swing
Drury Domain	11156	Neighbourhood	Y - Poor	Y - Good	Y - Poor	N	Y - Good	Y - Good	Y - Good	Y - Good	Y - Good	N	N	Y - Good	N	N	N	N	N
East Reserve	21978	Neighbourhood	Y - Good	Y - Good	N	N	Y - Good	Y - Poor	N	Y - Good	N	Y - Good	N	N	N	N	N	N	N
Elsie Morton Reserve	21904	Neighbourhood	Y - Good	Y - Good	Y - Poor	Y - Skate park, basketball	Y - Good	Y - Good	N	Y - Good	Y - Poor	Y - Good	N	Y - Poor	N	N	N	N	N

Courts	Accessibility			Supporting Infrastructure / Amenities								Commentary		
	Wheeled Play	Other play elements	Edging	Level Access	Surfacing Type	Shade	Toilets	Parking	Drinking fountain	Lighting	Other	Nearby user groups	Priority	Considerations
N	N	N	Raised timber	N	Bark	Y - tree (partial)	N	Carpark	N	N	Picnic table, seating, bin	Tui Totes, Settlement Road Kindergarten, Keri Downs Park, Papakura BMX Club	Medium	Medium priority rating from good network position and inclusion within Keri Downs Park and Carisbrook Reserve concept masterplan. Consider improving gaps in spinning, balancing and jumping, alongside opportunities for sand and / or sensory (e.g. sound) play experiences, for the Early Childhood to Junior age groups. Ensure experiences and equipment types complement new provision within Keri Downs Park.
N	N	N	N	Y	Bark, wet pour	Y - tree (partial)	Y	Street	Y	N	Seating, pergola, bin	Papakura Station, Papakura Activity Centre	Medium	Medium priority rating from network position in central Papakura, location within well-established park and good links to public transport and other facilities. Consider inclusion of rocking, jumping and water play experiences.
N	N	N	Raised and flush timber	Y	Bark, scuff mat under slides	Y - tree (partial)	N	Street	N	N	Seating, bin	N/A	Low / potential optimisation	Low priority rating from proximity to Balgowan Reserve (which is more centrally located within the residential catchment). Ensure balanced provision with Balgowan Reserve by inclusion of balancing experiences, prioritising creative / imaginative, rocking and jumping at Balgowan.
N	N	N	Raised timber	N	Bark	Y - tree (partial)	N	Street	N	N	Bin	Rosehill College, Rosehill School, Rosehill Intermediate, Kiwi Supertots Learning Centre, Kereru Park Campus	Medium	Medium priority rating from poor Early Childhood provision, despite relatively good level of experience provision for typology. Consider improving level of swinging provision at time of renewal, including providing swinging provision for the Early Childhood age group (e.g. nappy / toddler seats), and also consider providing a spinning and / or rocking experience.
N	N	N	Raised timber	N	Bark	N	N	Street	N	N	N	Red Hill Primary School	High	High priority rating from position adjacent geographic network gaps and baseline gaps in existing provision. Consider improving gaps in swinging, balancing, creative / imaginative and rocking / spinning, ensuring that experiences and equipment types complement new provision within Keri Downs Park and Barberton Reserve.
Y - half basketball	N	N	Timber	Y	Bark	N	N	Street	N	N	Picnic table, seating, bin	N/A	Low	Low priority rating from sufficient range of experiences relative to typology and limited connectivity with wider residential network. No further recommendations.
Y - half basketball	N	N	Raised timber	Y	Bark, wet pour, scuff mat under swings	Y - tree (partial)	N	Street	N	N	Picnic table, seating, bin	Rollerson Park Community Garden, Tiny Turtles Educare	Low	Low priority rating from good range of experiences across a range of age groups. Longer term consider inclusion of dedicated balancing experience to address gap.
N	N	N	Raised timber	N	Bark	Y - tree (partial)	Y	Carpark	N	N	Picnic table, bin	Drury Community Library, Drury Hall, Drury & Districts Rugby Football & Recreation Club	High	High priority rating from network position within a population growth area and proximity to Drury's community, sport and recreation facilities. Consider inclusion of balancing, jumping, all abilities and court (half basketball) experiences alongside improvements to provide additional Senior / Youth age group provision.
N	N	N	Raised and flush timber	Y	Bark	Y - tree (partial)	N	Street	N	N	Seating, bin	Drury School, Drury Christian School	Medium	Medium priority rating from location within a high population growth area despite proximity to Drury Domain playspace. Consider inclusion of creative / imaginative and rocking experiences for the Early Childhood and Junior age groups to complement Drury Domain.
Y - half basketball	Y - skate park	N	Raised timber	N	Bark	N	N	Street	N	N	Seating, bin	N/A	Medium	Medium priority rating from good network position and opportunity to provide additional Senior and Youth provision. Consider inclusion of jumping and rocking experiences and improvement of spinning experiences for the Senior and Youth age groups to complement wider suburb-level provision at Keri Downs Park.

Name and Typology		Age Group Provision					Standard Play Experience Provision							Specialised Play Experience Provision					
Reserve Name	Site ID	Playspace Typology	Early Childhood (0-4 yrs)	Junior (5-8 yrs)	Senior (9-12 yrs)	Youth (13+)	Climbing / crawling	Swinging	Rocking	Sliding	Spinning	Balancing	Jumping	Creative / imaginative	Sound	Sand	Nature play	Water	All abilities play item(s)
Fernaig Reserve	22085	Neighbourhood	Y - Good	Y - Good	Y - Poor	N	Y - Good	Y - Poor	N	Y - Good	N	Y - Good	N	Y - Good	N	N	Y - timber stilts	N	N
Kauri Drive Commons	-	Neighbourhood	Y - Poor	Y - Good	Y - Good	Y - Good	Y - Good	Y - Good	N	N	N	Y - Good	N	N	N	Y - sand box for long jump	Y - balancing circuit on grass	N	N
Keryn Reserve	22731	Neighbourhood	Y - Good	Y - Poor	N	N	Y - Poor	Y - Poor	N	Y - Poor	N	N	N	Y - Poor	N	N	N	N	N
Leadership Crescent Reserve	24530	Neighbourhood	Y - Good	Y - Poor	Y - Poor	N	Y - Poor	Y - Good	N	Y - Good	Y - Good	Y - Poor	N	N	N	N	Y - stepping stumps	N	Y - basket swing
Longford Park Link Reserve	22778	Neighbourhood	Y - Good	Y - Good	N	N	Y - Good	Y - Poor	N	Y - Good	N	N	N	Y - Poor	N	N	N	N	N
Manuroa Reserve	23007	Neighbourhood	Y - Good	Y - Good	Y - Poor	Y - Basketball	Y - Good	Y - Good	N	Y - Good	N	N	N	N	N	N	N	N	N
Marybeth Reserve	22956	Suburb	Y - Poor	Y - Good	Y - Good	Y - Flying fox, skate, basketball	Y - Good	Y - Good	N	Y - Good	Y - Good	N	N	N	N	N	N	N	N
Massey Park	11169	Neighbourhood	Y - Good	Y - Good	Y - Poor	N	Y - Good	Y - Good	Y - Good	Y - Good	Y - Good	Y - Good	N	N	N	N	N	N	N



Courts	Accessibility				Supporting Infrastructure / Amenities							Commentary		
	Wheeled Play	Other play elements	Edging	Level Access	Surfacing Type	Shade	Toilets	Parking	Drinking fountain	Lighting	Other	Nearby user groups	Priority	Considerations
N	Y - small scooter trail	N	Timber	Y	Bark	Y - tree (partial)	N	Street	N	N	Seating, bin	Cosgrove School	Low	Low priority rating from good range of experiences for typology. Improvements to existing swinging provision could be considered in the longer term to allow two children from the same age group to swing side by side, along with the inclusion of a rocking or spinning experience.
N	N	Y - co-loured rock in sand box, pou	Raised timber, concrete beam	Y (partial)	Bark, sand, scuff mat under swings	Y - tree (partial)	N	Street	N	N	Seating	N/A	Medium	Medium priority rating from opportunity to improve baseline gaps in standard play experience provision to complement obstacle course / challenge focus. Consider inclusion of a sliding experience alongside challenging spinning or rocking experiences for the Senior to Youth age groups.
N	N	N	Raised timber	N	Bark	N	N	Street	N	N	Bin	N/A	High	High priority rating from poor existing age and experience provision and network position within the future Opaheke SHA precinct. Consider inclusion of rocking, balancing and spinning experiences, alongside improvements to creative / imaginative, with a focus on improving Junior age group provision.
N	N	N	Raised timber	N	Bark	N	N	Street	N	N	Within wider reserve: picnic table, seating, community garden, bin	N/A	Medium	Medium priority rating from location in a high population growth area. Limited experience provision considering density of surrounding residential development. Consider improving gaps in creative / imaginative and range of climbing / crawling experiences, ensuring complementary relationships with new playspace proposed at Old Wairoa Reserve.
N	N	N	Timber	Y	Bark	Y - tree (partial)	N	Street	N	N	Picnic table, bin	N/A	High	High priority rating from network position in severed residential catchment with no access to other playspaces. Consider inclusion of balancing, jumping and rocking and / or spinning experiences, alongside improvements to creative / imaginative, for the Early Childhood to Senior age groups.
Y - half basketball	N	N	Raised timber	N	Bark	Y - tree (partial)	N	Street	N	N	Bin	Takanini School	Medium	Medium priority rating from poor experience provision and network location adjacent a moderate population growth area without existing playspace provision. Consider inclusion of rocking, balancing, jumping and creative / imaginative experiences for the Early Childhood to Senior age groups.
Y - 2x half basketball	Y - partial skate bowl around basketball court, grinding rails	N	Raised and flush timber	Y	Bark, scuff mat under swings & flying fox	Y - tree (partial)	N	Street	N	Y - foot-path, skate park	Seating, bin, casual seating on amphitheatre steps	Rosehill School, Rosehill College, Rosehill Intermediate, Park Estate School	Medium	Medium priority rating from good network position and opportunity to provide additional specialised play experiences beyond skate / basketball. Consider inclusion of nature play and all abilities experiences alongside balancing experiences.
N	N	N	Concrete beam	Y	Play Matta tiles	Y - tree (partial)	Y - within wider reserve	Carpark - within wider reserve	Y	Y	Seating	Massey Park Pool, Papakura Swimming Club, Papakura Athletic and Harrier Club, Papakura Activity Centre	Low	Low priority rating from good experience provision relative to playspace size and typology, with network improvements prioritised at Central Park Reserve and Village Green. In the long term inclusion of balancing and jumping experiences could be considered.

Name and Typology		Age Group Provision					Standard Play Experience Provision						Specialised Play Experience Provision						
Reserve Name	Site ID	Playspace Typology	Early Childhood (0-4 yrs)	Junior (5-8 yrs)	Senior (9-12 yrs)	Youth (13+)	Climbing / crawling	Swinging	Rocking	Sliding	Spinning	Balancing	Jumping	Creative / imaginative	Sound	Sand	Nature play	Water	All abilities play item(s)
Mcintosh Park	22969	Neighbourhood	Y - Good	Y - Good	Y - Poor	N	Y - Good	Y - Poor	N	Y - Good	Y - Good	N	N	N	N	N	N	N	N
Milano Reserve	22971	Neighbourhood	Y - Good	Y - Good	Y - Good	Y - Poor	Y - Good	Y - Good	N	Y - Good	Y - Good	Y - Good	N	N	N	N	Y - tree stumps, boulders, timber stilts, kina & starfish stencils in path	N	Y - basket swing
Pahurehure Esplanade Reserve	11199	Suburb	Y - Good	Y - Good	Y - Good	Y - Flying fox	Y - Good	Y - Good	Y - Good	Y - Good	Y - Good	Y - Good	N	N	N	N	Y - tree stumps, timber balancing beams	N	Y - basket swing
Papatekaro Reserve	-	Suburb	Y - Good	Y - Good	Y - Good	N	Y - Good	Y - Good	N	Y - Good	Y - Good	Y - Good	N	N	N	N	N	N	Y - basket swing
Parkhaven Reserve	20263	Neighbourhood	Y - Good	Y - Good	Y - Good	Y - Flying fox	Y - Good	Y - Good	Y - Good	Y - Good	Y - Good	Y - Good	N	Y - Poor	N	N	Y - tree stumps, stepping tyres, stepping stones	N	N
Pukeroa Park	22893	Neighbourhood	Y - Poor	Y - Good	Y - Poor	Y - Basketball	Y - Good	Y - Good	N	Y - Good	Y - Good	N	N	N	N	N	N	N	N
Ray Small Park	21734	Suburb	Y - Good	Y - Good	Y - Good	Y - Skate park, basketball	Y - Good	Y - Poor	N	Y - Good	N	N	N	N	N	N	N	N	N

Courts	Accessibility				Supporting Infrastructure / Amenities							Commentary		
	Wheeled Play	Other play elements	Edging	Level Access	Surfacing Type	Shade	Toilets	Parking	Drinking fountain	Lighting	Other	Nearby user groups	Priority	Considerations
N	N	N	Raised timber	N	Bark	Y - tree (partial)	N	Street	N	N	Seating within wider reserve, bin	N/A	Low / potential optimisation	Low priority rating from proximity to other playspaces and marginal access. Although the playspace is geographically close to Elsie Morton Reserve and the proposed new playspace at Kirikiri Reserve, limited pedestrian connectivity across the different subdivisions supports the playspace's retention and the establishment of complementary provision in lieu of decommission. Consider inclusion of rocking, balancing and creative / imaginative experiences for the Early Childhood and Junior age groups, to complement Senior and Youth provision at Elsie Morton Reserve.
N	Y - scooter trail	N	N	Y	Bark	N	N	Street	N	N	Seating, bin	N/A	Low	Low priority rating from good existing experience provision and inclusion of specialised play elements. Long term consider inclusion of creative / imaginative experiences.
N	N	N	Concrete beam, timber edge	Y	Bark, wet pour, synthetic turf, scuff mat under swings	Y - tree (partial)	Y	Carpark	N	N	Picnic table, seating, bin, covered bbq pit	Papakura Sea Scout Group	Low	Low priority rating from good experience provision. Consider inclusion of creative / imaginative experiences, which could be integrated alongside existing and / or new nature play experiences to complement the site's character and setting.
N	N	N	N	Y	Wet pour	N	N	Street	N	N	Picnic table, seating, bin, bike rack	N/A	Low	Low priority rating from good standard experience provision. Notable lack of specialised play experiences other than all abilities (basket swing). It is recommended that the new Waiata Shores neighbourhood playspace includes specialised experiences like nature play and wheeled play, with potential for additional sound play experiences.
N	N	N	Timber	Y	Bark, scuff mat under swings	N	N	Street	N	N	Picnic table, seating, bin, bike rack	N/A	Low	Low priority rating from good existing provision and location in an area with no projected population growth. Long term improvements could consider integrating informal learn to ride experiences within the playspace's existing loop track.
Y - half basketball	N	N	Timber	N	Bark	Y - tree (partial)	N	Street	N	N	Seating, bin	Cosgrove School	Low	Low priority from network location and limited connectivity to wider residential catchment. Consider inclusion of balancing and creative / imaginative experiences.
Y - half basketball within wider reserve	Y - skate park within wider reserve	N	Raised timber	N	Bark	Y - tree (partial)	Y - within wider reserve	Street & carpark	Y - within wider reserve	N	Seating	Papakura West Kindergarten, Counties Manakau Badminton Hall, Papakura Central School	Medium	Medium priority rating from gaps in suburb-level standard play experience provision and poor swinging provision. Consider improving swinging provision and providing additional balancing, spinning and rocking experiences for the Junior - Senior age groups in particular.

Name and Typology		Age Group Provision					Standard Play Experience Provision							Specialised Play Experience Provision					
Reserve Name	Site ID	Playspace Typology	Early Childhood (0-4 yrs)	Junior (5-8 yrs)	Senior (9-12 yrs)	Youth (13+)	Climbing / crawling	Swinging	Rocking	Sliding	Spinning	Balancing	Jumping	Creative / imaginative	Sound	Sand	Nature play	Water	All abilities play item(s)
Rountree Reserve	21628	Neighbourhood	Y - Poor	Y - Good	Y - Good	N	Y - Poor	Y - Poor	Y - Good	Y - Good	Y - Good	N	N	N	N	N	N	N	N
Smiths Reserve	21282	Suburb	Y - Good	Y - Good	Y - Good	Y - Courts	Y - Good	Y - Good	Y - Good	Y - Good	Y - Good	Y - Good	Y - Good	Y - Good	N	N	N	N	Y - basket swing
Takaanini Reserve 1	11198	Suburb	Y - Good	Y - Good	Y - Poor	Y - Flying fox	Y - Good	Y - Good	Y - Good	Y - Good	Y - Good	Y - Good	N	Y - Good	N	N	N	N	Y - basket swing
Takaanini Reserve 2 (by skate park)	11198	Suburb	Y - Poor	Y - Good	Y - Skate park, basketball	Y - Skate park, basketball	Y - Poor	N	N	N	N	Y - Good	N	N	N	N	Y - balancing beams and logs within trees	N	N
Thornton Reserve	21465	Neighbourhood	Y - Good	Y - Good	Y - Poor	N	Y - Good	Y - Good	N	Y - Good	N	N	N	N	N	N	N	N	N
Tironui Reserve	21520	Neighbourhood	Y - Poor	Y - Poor	Y - Good	N	Y - Good	Y - Poor	N	Y - Poor	N	Y - Good	N	N	N	N	N	N	N
Village Green	20001	Suburb	Y - Good	Y - Good	Y - Good	Y - Poor	Y - Good	Y - Good	Y - Good	Y - Good	Y - Good	Y - Good	N	Y - Poor	N	N	N	N	N
Walter Strevens Reserve	20400	Neighbourhood	Y - Good	Y - Poor	Y - Poor	N	Y - Poor	Y - Poor	N	Y - Good	Y - Good	N	N	N	N	N	N	N	N

Courts	Accessibility			Supporting Infrastructure / Amenities								Commentary		
	Wheeled Play	Other play elements	Edging	Level Access	Surfacing Type	Shade	Toilets	Parking	Drinking fountain	Lighting	Other	Nearby user groups	Priority	Considerations
N	N	N	Timber	Y	Bark	N	N	Street	N	N	N	N/A	Proposed decommission and relocation	It is recommended that the playspace at Rountree Reserve is decommissioned at the end of its useable life and a playspace established at Waiari Reserve in its place. Waiari Reserve has superior passive surveillance, is positioned on a 'medium urban' road rather than a 'minor urban' road and will provide more balanced network coverage for a wider residential catchment. The new playspace should include climbing / crawling, swinging, sliding, spinning, rocking, balancing, all abilities and courts (e.g basketball) experiences for the Early Childhood to Senior / Youth age groups.
Y - half & full basketball	Y - modular pump track	N	Raised timber, concrete / asphaltic pavement	Y - partial	Bark, wet pour	Y - trees, shade sails	Y	Carpark	N	Y - courts	Picnic tables, seating, bin	Smiths Avenue Community Hall, Edmund Hillary School, Papakura Marae, Te Maunga Kohungahunga Kohanga Reo	Medium	Medium priority rating from good network position and proximity to Smiths Avenue Community Hall and sport / recreation facilities. Recent upgrade to playspace includes new multi-unit, swings, rocking, spinning, sliding, balancing and jumping experiences. Consider inclusion of additional balancing, creative / imaginative and nature play experiences, along with wheeled play experiences, in the space underneath the trees, in line with the concept design.
N	N	N	Concrete kerb	Y	Bark	N	N	Street	N	Y - foot-path	Picnic table, seating, bin	Takanini School, Amber Early Learning Centre	Low	Low priority rating from proximity to Takaanini Reserve 1 playspace and good Senior and Youth age group provision. Consider opportunities to provide supplementary scooter provision (e.g. concrete trails / loops with berms and rollers) and expand nature play experience provision with additional natural climbing / crawling and jumping elements.
Y - half basketball	Y - skate park	N	N	Y	Ground / Grass to balancing set, concrete to skate park	Y - tree (partial)	N	Street	N	Y - foot-path	Seating, bin	Takanini School, Amber Early Learning Centre	Low	Low priority rating from good experience provision. Consider improvements to Senior and Youth standard play experience provision.
N	N	N	Raised timber	N	Bark	Y - tree (partial)	N	Street	N	N	Seating, bin	N/A	High	High priority rating from location in a high population growth area with opportunity to improve provision to better serve surrounding catchment. Consider inclusion of balancing, rocking and spinning experiences for the Early Childhood to Junior age groups.
N	N	N	Raised timber	N	Bark	N	N	Gravel area	N	N	Bin	Al-Iqra Islamic Centre, BestStart Tironui Road	Low	Low priority rating from the playspace's proximity to a pedestrian level crossing and poor visibility from and connectivity to surrounding streets. Limited provision for Early Childhood and Junior age groups appropriate considering CPTED and safety issues. Consider improvements to swinging and sliding and inclusion of a spinning experience for the Senior age group.
N	N	N	Timber	Y	Bark, scuff mat under swings, Play Matta tiles for springer	Y - tree (partial)	Y	Street	N	N	Picnic table, seating, bin	AC Papakura Customer Service Centre	High	High priority rating from proximity to Papakura town centre and lack of specialised play experiences. Consider inclusion of all abilities and sound experiences.
N	N	N	Concrete kerb, raised and flush timber	Y	Bark	N	N	Carpark	N	N	Picnic table, seating, bin	Lollipops Takanini, Conifer Grove Kindergarten, Conifer Grove School	Medium	Medium priority rating from poor age and experience provision. Consider inclusion of balancing, jumping, wheeled play (e.g. pump track) and courts (e.g. half basketball) experiences, alongside improvements to climbing / crawling and swinging experiences, for the Early Childhood to Youth age groups.



Name and Typology		Age Group Provision					Standard Play Experience Provision							Specialised Play Experience Provision					
Reserve Name	Site ID	Playspace Typology	Early Childhood (0-4 yrs)	Junior (5-8 yrs)	Senior (9-12 yrs)	Youth (13+)	Climbing / crawling	Swinging	Rocking	Sliding	Spinning	Balancing	Jumping	Creative / imaginative	Sound	Sand	Nature play	Water	All abilities play item(s)
Wilencote Reserve	22352	Neighbourhood	Y - Poor	Y - Poor	Y - Poor	N	N	Y - Good	N	N	N	N	N	N	N	N	N	N	N
Wing Park	20279	Neighbourhood	Y - Good	Y - Good	Y - Poor	Y - Basketball	Y - Good	Y - Good	N	Y - Good	N	Y - Good	N	Y - Poor	N	N	N	N	N

Courts	Accessibility				Supporting Infrastructure / Amenities							Commentary		
	Wheeled Play	Other play elements	Edging	Level Access	Surfacing Type	Shade	Toilets	Parking	Drinking fountain	Lighting	Other	Nearby user groups	Priority	Considerations
N	N	N	Timber	Y	Bark	N	N	Street	N	N	Seating	N/A	Medium	Medium priority rating from gap in baseline climbing / crawling and sliding experiences and network position at the entrance to a discrete residential catchment, despite proximity to Ray Small Park. Consider inclusion of rocking, sliding and climbing experiences for the Early Childhood to Junior age groups that complement the playspace at Ray Small Park.
Y - half basketball	N	N	Raised timber	N	Bark	Y - tree (partial)	N	Street	N	N	Seating, bin	Kelvin Road School	Medium	Medium priority rating from good network position within surrounding catchment and some gaps in standard play experiences. Consider improving gaps in spinning and / or rocking, ensuring that experiences and equipment complement nearby Carisbrook Reserve.



# **APPENDIX B**

## DEFINITIONS

# DEFINITIONS

The role of the definitions is to enable the assessment of play provision in a systematic manner.

The following identifies the key terms used in this report to classify play provision relative to existing and proposed playspace typologies, child age ranges and play experiences.

The definitions are intended to provide clarity with regard to decision making and are neither fully comprehensive nor definitive. They articulate considerations, likely benefits and the merits different types of equipment and spaces.

## PLAYSPACE TYPOLOGIES

### NEIGHBOURHOOD PLAYSPACES

Neighbourhood playspaces are located within a short walk of residential areas and provide simple, informal play experiences. They are accessible to children beginning to move around their neighbourhood unaccompanied by adults and are typically associated with parks or reserves.

#### Standard Play Provision

- Due to their frequency and function, neighbourhood playspaces typically accommodate swinging, sliding and climbing play experiences for those under 10 years old as a baseline minimum
- Play experiences are typically appropriate for the scale and form of the park but are not necessarily unique to the park. Size of site may constrain quantity and positioning of equipment
- Accordingly, neighbourhood playspaces typically have limited to non-existent provision of themed or unusual play equipment

#### Complementary Play Provision

- Additional play experiences are typically accommodated to enhance the basic play experiences outlined above, especially if required to fill a network-level provision gap

#### Specialised Play Provision

- Opportunities for nature play, including planting designed and / or managed for play and elements providing access and interaction with natural features where applicable. These are typically only accommodated to provide unique experiences or enhance contextual relationships (beach, bush, stream for example)

#### Typical Supporting Amenities

- Natural shade providing areas for socialising / respite
- Furniture such as bench seating and rubbish bins
- Path access to equipment
- Flat, unobstructed kick-about areas for informal sports and games

#### Catchment Area

- For the purposes of this report we have shown radial distance proxies of 550m; in line with a 10-minute walk or approximately 800m walking distance.

### SUBURB PLAYSPACES

Suburb playspaces often contribute to the identity of the suburb by providing important play experiences alongside community gathering spaces and recreation facilities (e.g. sports fields).

Given the nature of facilities typically provided, users are likely to stay for longer duration (1-2 hrs) than neighbourhood playspaces, and although suburb playspaces generally operate at a sub-regional scale, they may contain amenities that enable crossover as a destination playspace due to frequency of use and location.

#### Standard Play Provision

- Suburb playspaces typically provide a more diverse and challenging range of play experiences than neighbourhood playspaces
- Play experiences typically accommodate Early Childhood to Senior age groups (1-12 yrs) as a baseline minimum

#### Complementary Play Provision

- Unique play experiences with a point of difference from other suburb playspaces in the city

#### Specialised Play Provision

- Opportunities for nature play, including planting designed and / or managed for play and elements providing access and interaction with natural features where applicable. These are typically only accommodated to provide unique experiences or enhance contextual relationships (beach, bush, stream for example)
- Specific accessible play elements (e.g. basket swing, wheelchair-accessible play modules)
- Informal court spaces such as basketball half courts
- Wheeled play facilities like skateparks, learn to ride tracks, pump tracks and mountain bike tracks
- Other play / fitness elements like petanque, table tennis and fitness equipment

#### Typical Supporting Amenities

- Car parking
- Toilets close to playspace or nearby within wider park
- A mixture of built shade structures and natural shade providing shade to play equipment and areas for socialising / respite
- Furniture elements including lighting, picnic tables, barbecues and drinking water fountains
- Flat, unobstructed kick-about areas for informal sports and games

- Walking and / or cycle trails connecting the wider neighbourhood and park with the playspace
- Public transport links
- Organised sport facilities
- Community event spaces

#### Catchment Area

- For the purposes of this report we have shown radial distance proxies of 1000m; in line with a 20-minute walk or approximately 1500m walking distance.

### DESTINATION PLAYSPACES

Destination playspaces are typically, although not always, located within destination parks. Often associated with distinct natural, cultural or heritage landscapes, recreational and / or tourist attractions, destination playspaces require the spatial capacity, infrastructure and amenity to accommodate many visitors for extended duration (>3hrs).

#### Standard Play Provision

- Destination playspaces typically provide comprehensive and unique play experiences to a wide range of children and teenagers of different abilities and interests as a baseline minimum
- They are usually cohesively themed, socially engaging and challenging
- Play experiences typically accommodate all age groups and abilities, including specific accessible play elements (e.g. basket swing, wheelchair-accessible play modules)

#### Specialised Play Provision

- Destination playspaces typically accommodate several specialist play elements. These may include music, water, sand and nature play elements integrated within a cohesive playspace or series of playspaces to provide opportunities for unstructured and accessible creative play experiences
- Informal court spaces such as basketball half courts
- Wheeled play facilities e.g. skateparks, learn to ride tracks, pump tracks and mountain bike tracks
- Other play elements like petanque and table tennis
- Art installations or designed features providing informal play opportunities

#### Typical Supporting Amenities

- Significant car parking provision
- Toilets close to the playspace, including baby-change facilities
- A mixture of built shade structures and natural shade providing shade to play equipment and areas for socialising / respite
- Significant gathering spaces
- Furniture elements including lighting, picnic tables, barbecues and drinking water fountains



- Flexible spill out areas for small events and complementary play activation activities
- Walking and / or cycle trails connecting the wider catchment and park with the playspace
- Public transport links

#### Catchment Area

- Auckland-wide
- Destination playspaces also function as neighbourhood and / or suburb playspaces for those living in their immediate vicinity. Consequently, the catchment areas identified for suburb playspaces can be applied to understand network provision at the scale of a suburb or Local Board area
- As with suburb playspaces, for the purposes of this report we have shown radial distance proxies of 1000m; in line with a 20-minute walk or approximately 1500m walking distance.

### CIVIC PLAYSPACES

Civic playspaces support informal play provision within Auckland's urban and suburban centres. Relevant civic spaces with the potential to support play experiences alongside civic functions include squares, plazas, town squares, greens, shared spaces, laneways and streets of varying scales.

#### Standard Play Provision

- Basic play experience provisions of swinging, sliding and climbing for those under 10 years old, often associated with flexible space and / or integrated into wider setting
- Hard-wearing and higher spec materials, like stainless steel and rubber wet pour or synthetic turf, are typically used in civic spaces to match the surrounding urban context
- Interactive, playable art features

#### Complementary Play Provision

- Unique play experiences with a point of difference from other playspaces in the city
- Pop-up play installations or designed features providing creative, interactive and informal play opportunities promoting activation of under-utilised spaces

#### Specialised Play Provision

- Music and water play experiences like water rills and talking tubes
- Informal court spaces such as basketball half courts
- Other play elements like table tennis

#### Typical Supporting Amenities

- Gathering spaces
- Event spaces

- Lighting
- Shade structures or natural shade from trees

#### Catchment Area

- For the purposes of this report we have shown radial distance proxies of 550m; in line with a 10-minute walk or approximately 800m walking distance.

## AGE GROUPS

### EARLY CHILDHOOD (0-4 YRS)

Equipment for this age range generally requires aided or supervised use, and may include:

- Simple steps, ramps and ladders for climbing
- Low, simple balancing equipment such as beams, stepping logs, stepping stones and boulders
- Trampolines and springing equipment
- Low spinning equipment
- Low rocking equipment
- Fully-enclosed infant swings, toddler swings with chain, hammocks and basket swings
- Smaller, open slides
- Shop windows, huts / cubby houses, music instruments, talking tubes and specific themed play equipment for creative and imaginative role play

Specialised play experiences may include:

- Sand play elements / provision of sand soft fall
- Water play elements
- Nature play elements
- Wheeled play: learn to ride bike trails and scooter trails

### JUNIOR (5-8 YRS)

Equipment for this age range may include:

- More challenging climbing experiences such as monkey bars, abseiling walls and more elaborate climbing networks with moving rope elements
- Low obstacles and balancing trails
- Standard strap swings, basket swings, snake swings, pendulum swings, small-medium flying foxes, track rides and five or six-bay swings
- Slides with ladder access, embankment slides, tunnel slides and slides from taller equipment
- Trampolines
- Bowl spinners and carousels
- See saws for collaborative rocking play
- More elaborate themed play elements

Specialised play experiences may include:

- Music instruments
- Sand construction sites
- Water play elements
- Nature play elements
- Wheeled play: learn to ride bike trails, small pump tracks and scooter trails

### SENIOR (9-12 YRS)

Equipment for this age range is more challenging and multi-functional, supporting a variety of abilities and interests. Equipment may include:

- Tall and elaborate net play structures, including obstacle course elements with overhead features
- Pendulum swings, flying foxes, snake swings and five or six-bay swings
- Embankment slides, bannister slides and slides from tall equipment
- Equipment that combines both spinning and rocking experiences and allows collaboration e.g. Roktopus or similar
- Drums and larger musical instruments

Specialised play experiences may include:

- Challenging nature play elements
- Wheeled play: skateparks and pump tracks
- Basketball courts

### YOUTH (13+ YRS)

Playspaces designed with a solely-teenage to young adult focus are relatively uncommon. Equipment specific to this age range is typically geared to be more challenging and caters for high energy, fast and agile movement. Equipment may include:

- Parkour / urban obstacle course equipment
- Challenging swinging or flying fox elements

Specialised play experiences may include:

- Wheeled play: skateparks and pump tracks
- Basketball courts

# PLAY EXPERIENCES

## STANDARD PLAY EXPERIENCES

### CLIMBING / CRAWLING

Typical play equipment includes: climbing walls, abseiling walls, net structures, cargo nets, ropes, ladders, log scrambles, monkey bars, tunnels and other crawling experiences.

### SWINGING

Typical play equipment includes: standard strap swings, infant or toddler swings, basket swings, snake swings, pendulum swings, five or six-bay swings, flying foxes, track rides and hammocks.

### ROCKING

Typical play equipment includes: see saws, springers and / or rockers.

### SLIDING

Typical play equipment includes: chute slides, tunnel slides, spiral slides, bannister slides, fireman's poles, synthetic turf slopes and rubber membrane slides.

### SPINNING

Typical play equipment accommodating spinning / rocking play value includes: carousels, bowl spinners, stand up spinners and pendulum swings.

### BALANCING

Typical play equipment includes: balance beams, wobbly bridges, rubber membranes, stepping stones, stepping logs, timber stilts, log scrambles, rope or chain walks, boulders and pommel crossings.

### JUMPING

Typical play equipment includes: in-ground trampolines, springing disks, rubber membranes etc.

### CREATIVE / IMAGINATIVE

Typical play equipment includes: interactive game elements, themed-play, huts / cubby houses etc.

## SPECIALISED PLAY EXPERIENCES

### SOUND

Typical play equipment includes: xylophones, marimbas, drums, chimes, guiro / rubbing percussion instruments and talking tubes.

### WATER

Typical play equipment includes: pumps, water rills, gates, chutes, Archimedes spirals, troughs etc.

### SAND

Typical play equipment includes: sand construction sites, general use of sand soft fall etc.

### NATURE PLAY

Typical play equipment includes: loose parts play (pebbles, pine cones, stumps, branches etc.), modified landforms, planting, nature trail elements (stepping stumps, boulders etc.), tree houses, log scrambles etc.

Nature play also provides opportunities to incorporate traditional te māra hūpara stories, games, fitness and education experiences.

### ALL ABILITIES PLAY

Typical play equipment includes: wheelchair accessible modules, carousels, trampolines and swings; basket swings; special needs swing seats with high backs and / or seatbelts; music instruments; and sensory elements with sound, texture and colours etc.

### COURTS

Basketball half courts or full courts, or other free-access courts, that are able to be used by the public on an ad hoc basis, without a formal booking system.

### WHEELED PLAY

May include: skateparks, learn to ride trails, scooter trails, pump tracks and simple mountain bike trails.

### OTHER PLAY ELEMENTS

May include: petanque courts, table tennis courts, fitness equipment, standalone hoops, linemarking for casual games like foursquare etc.







## **APPENDIX C**

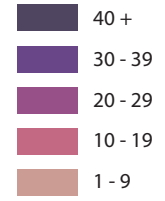
### POPULATION DENSITY AND GROWTH MAPS

# EXISTING POPULATION DENSITY MAP

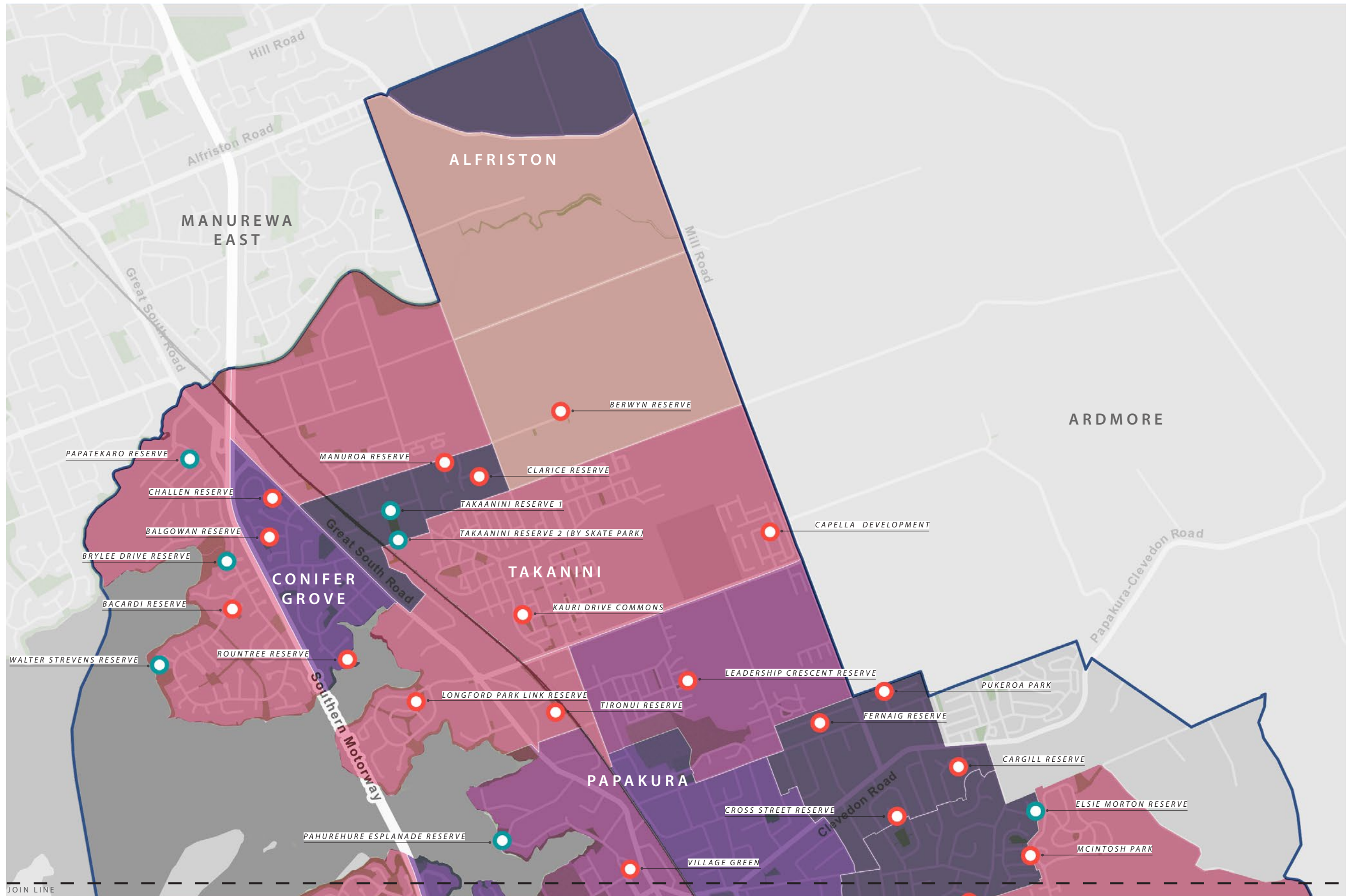
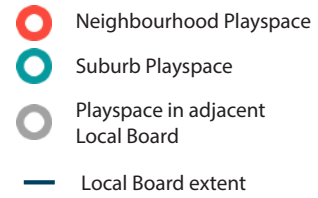
This map uses 2021 population projection data to articulate playspace locations relative to existing population density.

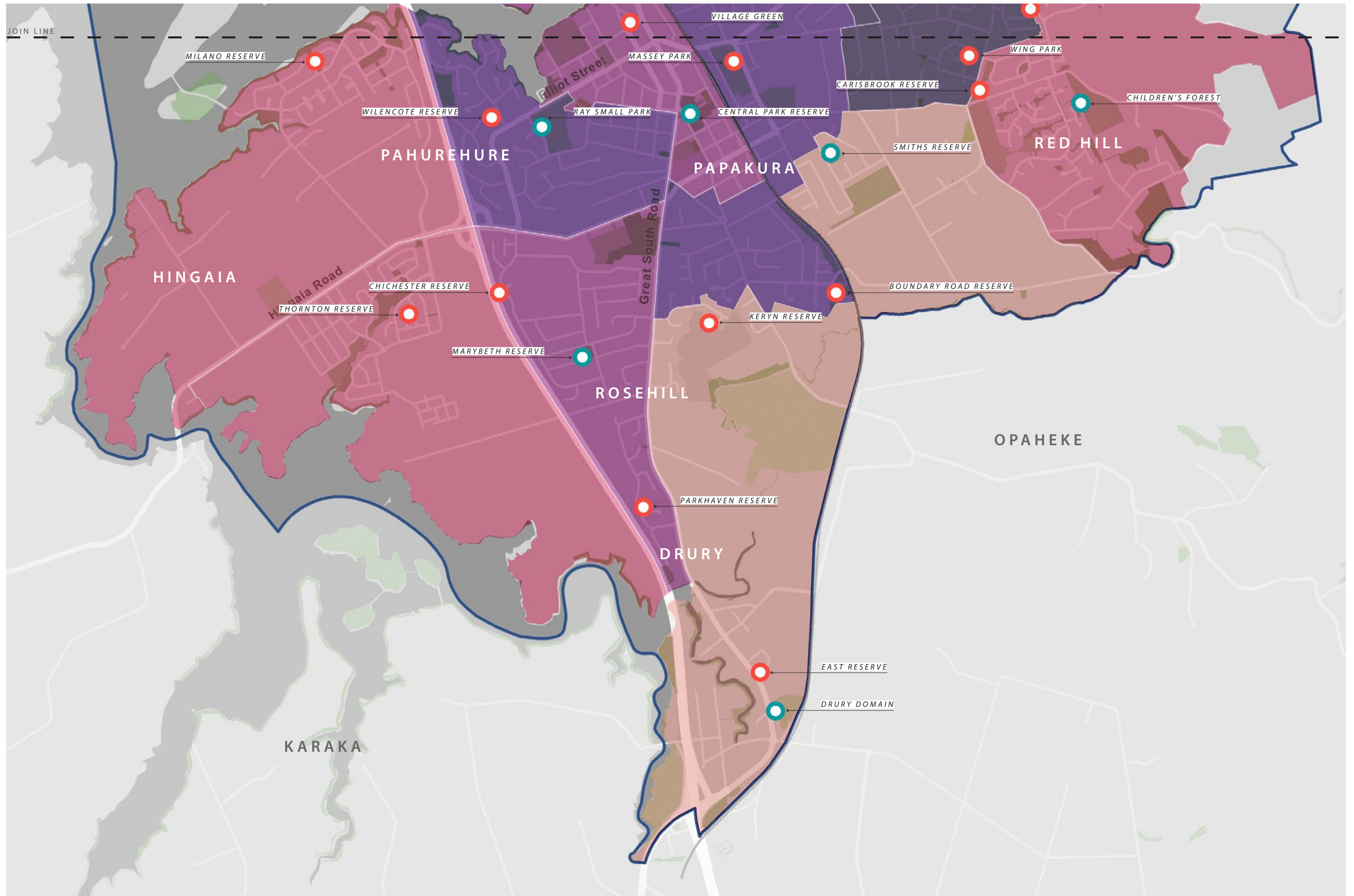
## KEY

Persons per hectare



## Playspace Typologies





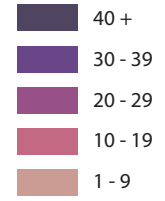


# FUTURE POPULATION DENSITY MAP

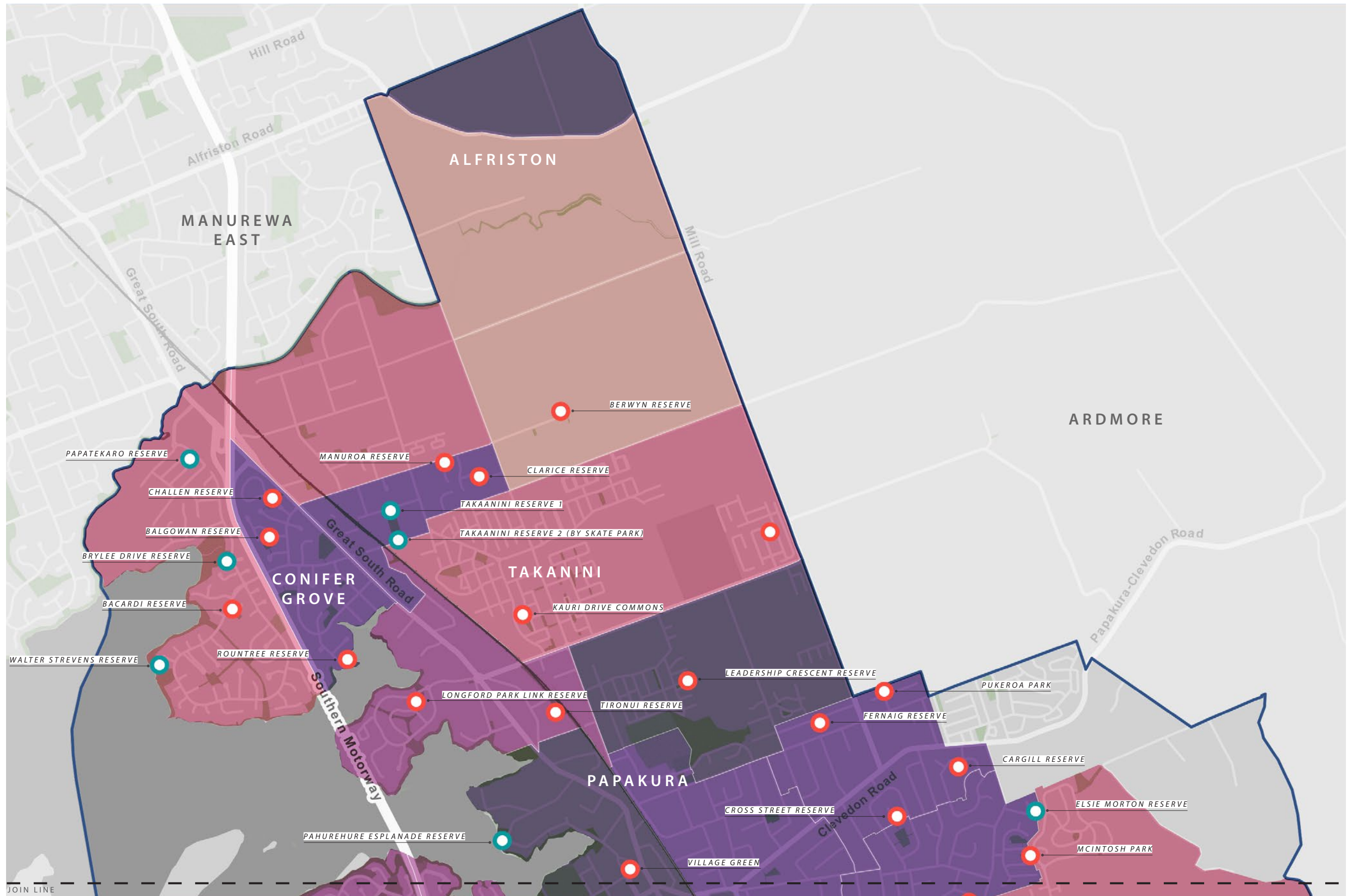
This map uses 2046 population projection data to articulate playspace locations relative to future population density.

## KEY

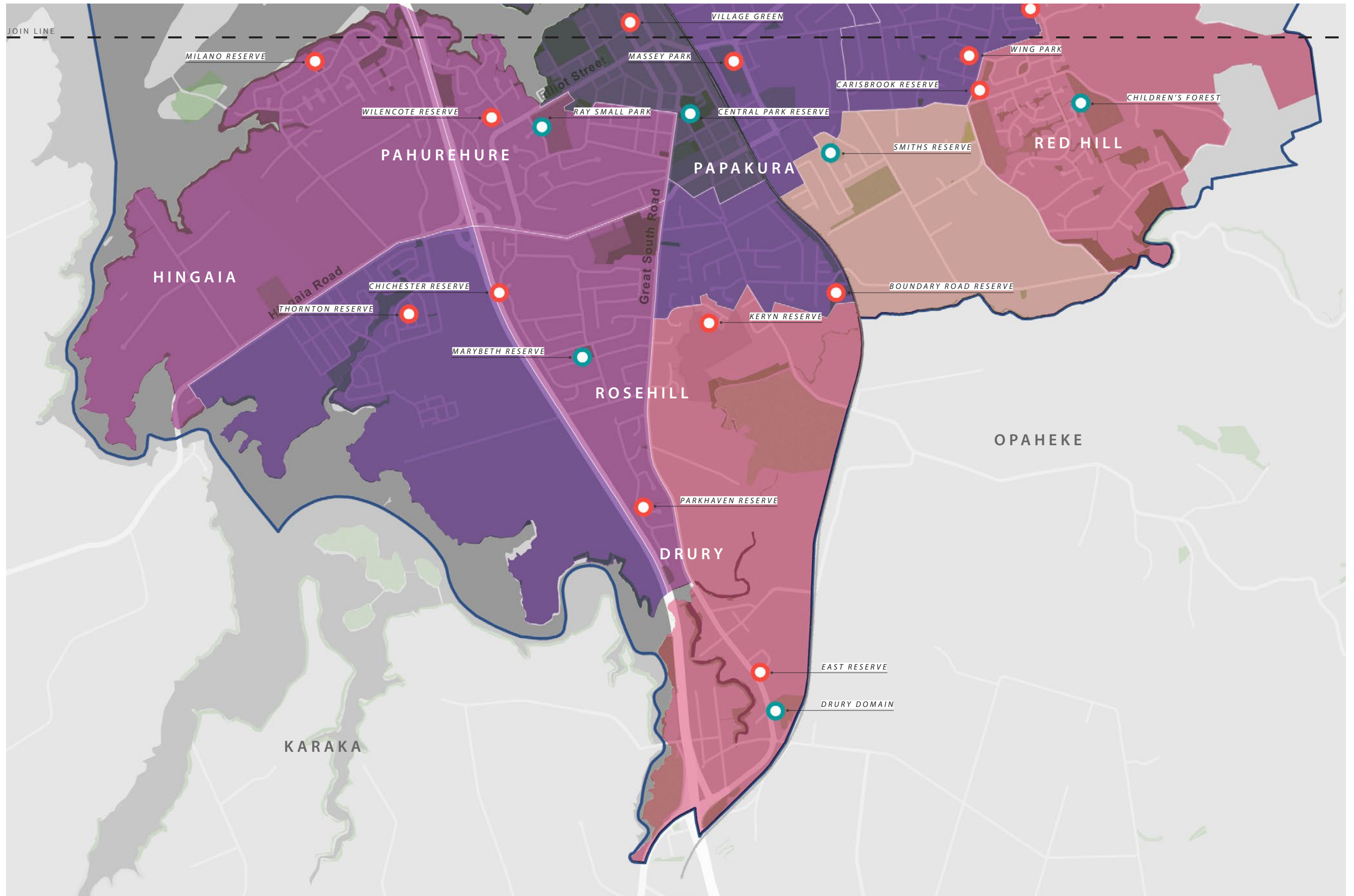
Persons per hectare



## Playspace Typologies







# POPULATION GROWTH MAP

This map articulates the projected cumulative change in population density from 2021 - 2046 to illustrate key growth areas within the Papakura Local Board area relative to play provision.

Playspaces located within population growth areas shall generally have higher priority than those within limited growth areas.

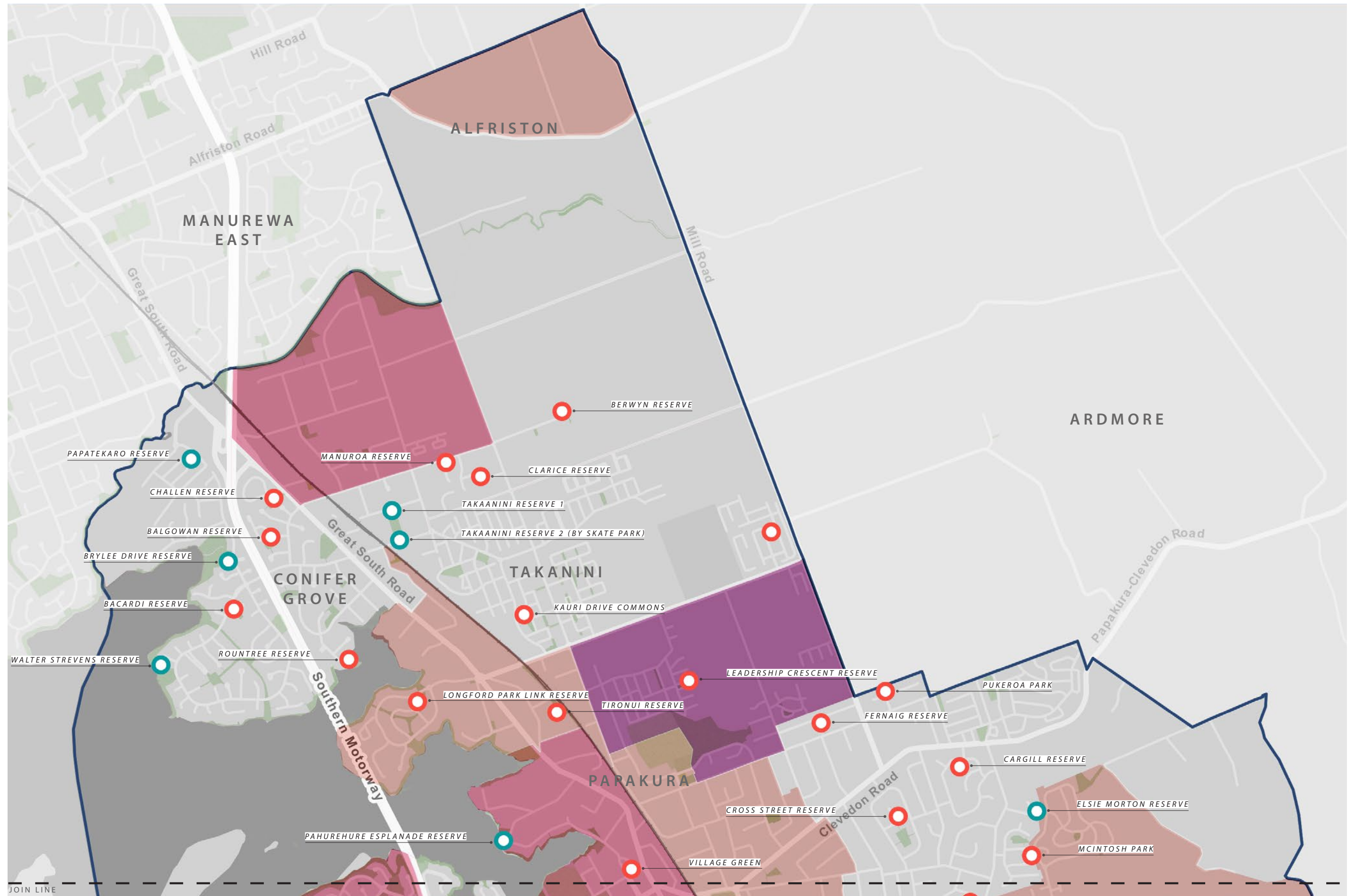
## KEY

### Percentage Increase

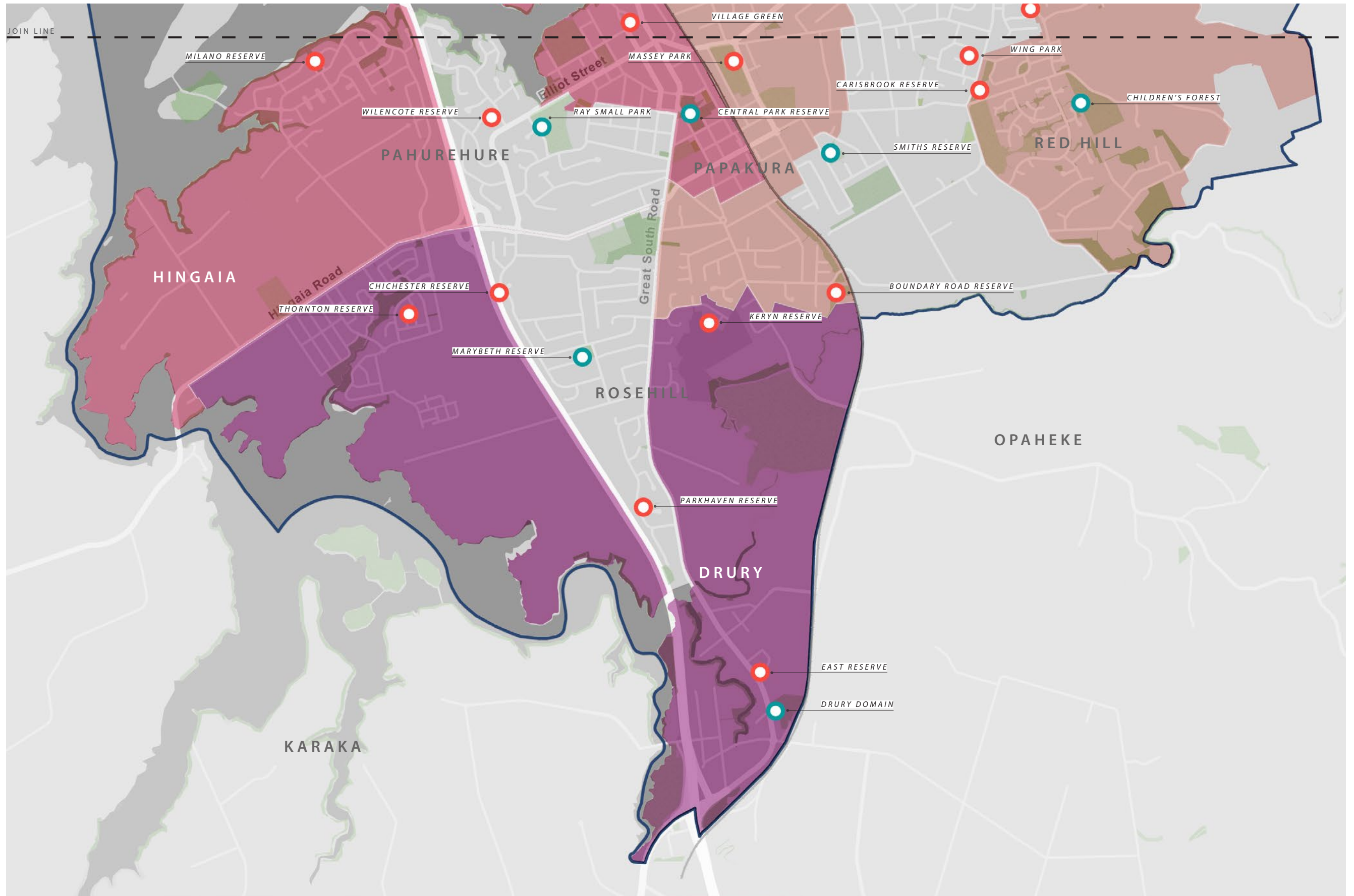
- 100% +
- 50% - 99%
- 0% - 49%

### Playspace Typologies

- Neighbourhood Playspace
- Suburb Playspace
- Playspace in adjacent Local Board
- Local Board extent











# **APPENDIX D**

EXISTING NETWORK CATCHMENTS MAP

# EXISTING NETWORK CATCHMENTS MAP

This map indicates radial catchment coverage and locates instances of oversupply by identifying neighbourhood catchments with significant overlap.

It is important to note that gaps in catchment provision may align with large business or industrial zones.

## KEY

### Playspace Typologies

- Neighbourhood Playspace
- Suburb Playspace
- Playspace in adjacent Local Board

### School Playspaces

- School Playspace (open to the public after hours)
- School Playspace (closed to the public)
- School Playspace (open after hours to students and their whanau)
- School Playspace (public availability unknown)

### Radial Service Area Catchments

- Neighbourhood – 550m radius, equivalent to an 800m or 10 minute walk
- Suburb – 1000m radius, equivalent to a 1500m or 20 minute walk
- Neighbourhood catchments where the decommission / optimisation of the associated playspace would have little to no impact on network coverage

Local Board extent

