

# Heart of Play Master plan

June 2021



**Report Title:** Heart of Play - Master plan

**Client:** City of Parramatta

**Version:** Final

**Date:** June 2021

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# 1. Introduction

The City of Parramatta 'Heart of Play' (HOP) master plan is a plan to deliver a sporting and recreation open space network. The HOP master plan has been guided by City of Parramatta's (Council's) strategic planning, community engagement, and community infrastructure needs.

The master plan is a high-level, long-term strategic vision for a central sporting, open space, and recreation network in a rapidly growing and densifying part of the City of Parramatta Local Government Area (LGA). It provides a conceptual layout that determines the uses, physical and visual connections and also defines the desired future character for the parks. Detailed concept designs for each park will be undertaken by Council at later stages. The community will be consulted on these as they are developed.

HOP master plan offers an exciting opportunity to plan for the delivery of an innovative, multipurpose, generous, and resilient open space network for North Parramatta and surrounding areas to address significant identified demand for new and embellished space.

The master plan leads to the creation of a strong sense of place for the local community, addresses local social, sporting and recreational infrastructure gaps and needs, and contributes to district and LGA wide needs as part of a linked network of open space and recreation facilities.

The HOP open space network will play an important role in North Parramatta as the population grows and residential density increases. The master plan will future proof the seven open spaces in the HOP network by providing multipurpose and flexible spaces, as well as a shared backyard for all to support community health and wellbeing outcomes.



## **Metropolitan scale:** Greater Sydney and the Central City District

*The City of Parramatta plays an important role within Greater Sydney as the 'second CBD' a metropolitan focus area for new jobs and housing. With significant growth forecast, existing open spaces will need to work harder to meet the needs of current and future residents.*

## **Regional Scale:** City of Parramatta

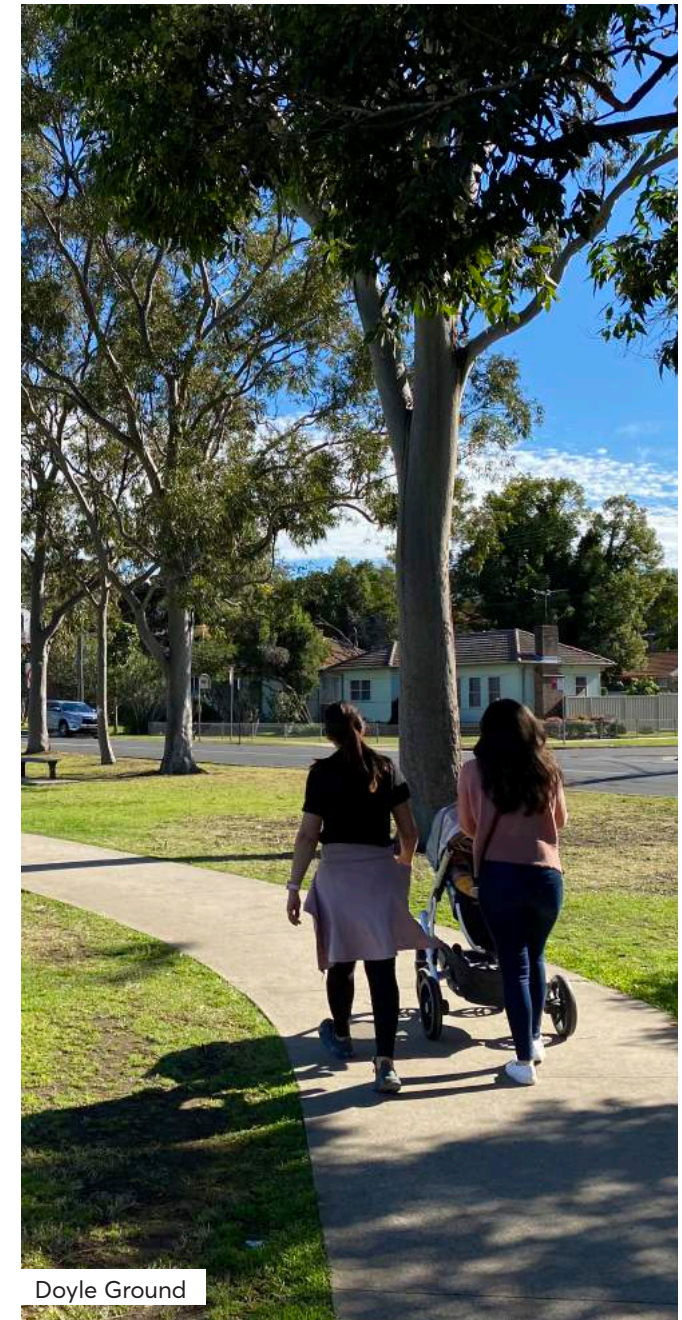
*HOP is a regionally significant collection of open spaces and sportsgrounds, meaning it plays a role in servicing the whole of the LGA.*

## **Catchment scale:** City of Parramatta

*This report aligns with the Community Infrastructure strategy that is underpinned by a catchment based approach to planning for community infrastructure. HOP offers a significant opportunity to meet some of Catchment 4's future sport and recreation needs*

## **Local neighbourhood scale:** North Parramatta and immediate surrounds

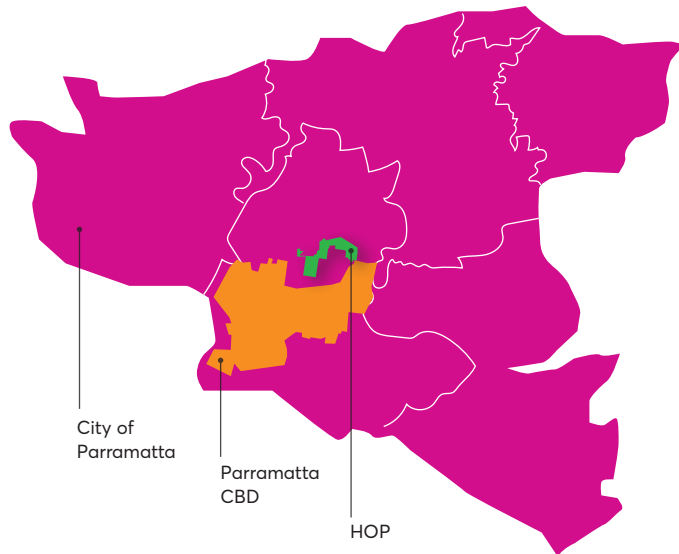
*While HOP is a cluster of regional sports and open space, it still needs to service the needs of the immediate suburb and residents who will use the park to meet their daily recreation needs.*



Doyle Ground

# HOP study area

The HOP study area is located in North Parramatta in the City of Parramatta LGA.



HOP includes seven connected major open spaces including Doyle Ground, Sherwin Park, Dan Mahoney Reserve, Old Saleyards Reserve, Corry Court Reserve, Barton Park and PH Jeffery Reserve.

These seven connected open spaces comprise 30 hectares of open space just two blocks east of the Parramatta CBD's northern extent. The seven open space areas that form HOP are well-used and beloved by the community. Their coordinated improvement will optimise and increase their collective use, providing





# Master plan process

The HOP master plan was developed in 2020 informed by the local community, internal Council staff, site users and stakeholders.

The master plan is guided by a number of evidence based indicators of needs including:

- Strategic context analysis of Council plans and strategies
- Site analysis, opportunities and constraints
- Demographic analysis
- Community and stakeholder engagement
- Analysis of participation trends
- Analysis of best practice trends and principles



# What the community told us

## 1.2.1. Who we spoke to

Consultation was delivered in parks across the master plan area and online, with the objective to seek input from the community and key stakeholders to inform the master plan. You can read the full community consultation outcomes report or download a summary, at this [link](#).



**500**

local households received a flyer with information about the master planning process and how to have your say



**750**

survey responses were received (from both the Heart of Play and Dan Mahoney Reserve surveys)



**~290**

responses on the unstaffed pop-up boards located in each of the 7 parks included in the master plan area



**16**

people participated in online workshops for engagement relating specifically to the future uses of Dan Mahoney Reserve



**15**

telephone interviews with stakeholders from sporting peak bodies and local groups



**13**

email submissions from community members and stakeholders



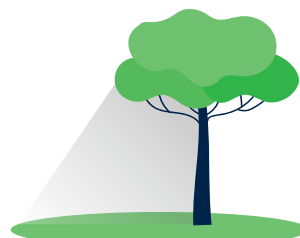
**10**

scavenger hunt forms completed

## 1.2.2. What did we hear

Community and stakeholder engagement participants told us they value the unique network of open spaces across the Heart of Play master plan area, expressing appreciation for its large and diverse spaces that allow for a range of active and passive recreation activities, including play, walking, dog-walking, cycling, organised sport and social gatherings.

Six main themes emerged from the feedback:



**Shade and amenity**



**Walking and cycling connections**



**Informal recreation and sharing**



**Increase the capacity of sporting spaces**



**Recreation with dogs**

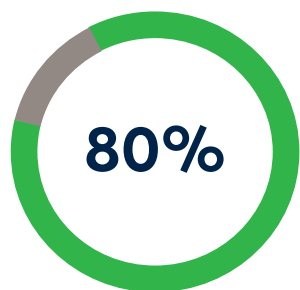


**Diverse and inclusive spaces**



## Increased shade and amenity to support community use

There was a clear desire for the master plan area to support community use for all ages and abilities by increasing shade and trees and improving the amenity of open spaces.



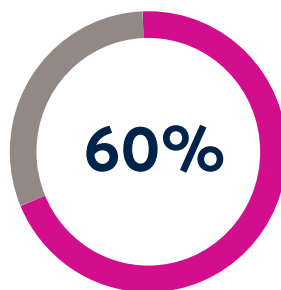
of survey respondents want to see more shade and trees for cooling and comfort in hot summer months. People also want to see more accessible public toilets, shaded seating areas and pathways, BBQ areas, water bubblers, increased maintenance and lighting to support safety and use at night.

- 73% of survey respondents support more lighting at night to increase sense of safety and use at night.
- 72% of survey respondents support more public toilets that are accessible for all abilities and are open more frequently throughout the day and during the evening.
- Survey respondents would like to see cafes/kiosks (64%) and BBQ and picnic areas (60%) to support social gatherings and make open spaces more welcoming and user-friendly.



## Walking and cycling pathways and connections

Walking, cycling and active transport connections to and from the master plan area was a strong theme throughout the consultation.



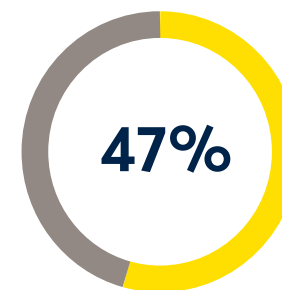
of survey respondents want to see more spaces to walk and cycle in and around parks included in the master plan area.

- 57% of survey respondents support more pedestrian road crossings to enable safe and easy walking connections to and from open spaces in the master plan area.
- People said they would like to see more amenity along pathways such as shade, toilets, bubblers and signage to support comfort of use.
- People said there can be conflicts on shared pathways between cyclists, walkers, dogs, skaters and children, with expressed need for wider and separated paths that support shared use.



## Spaces for informal recreation and sharing

People supported the master plan area providing flexible shared spaces for recreation that support informal recreation activities for a range of community users of all ages and abilities.



of survey respondents would like to see flexible space for more informal recreation like sports and games for children and families.

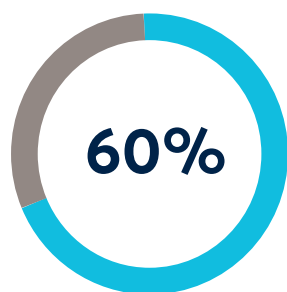
- 50% of survey respondents support more multi-use outdoor courts, as well as more outdoor fitness equipment for use.
- Some people expressed concerns about shared use of spaces, for example between dogs and children playing, or walkers and cyclists, and people who use parks for active versus passive recreation.
- Some people wanted to see quiet spaces for passive recreation, relaxation and connection to nature.





## Increasing capacity, flexibility and amenity of sporting spaces

People want the master plan to support increased capacity, flexibility and amenity of sporting spaces to improve formal sporting use.



of survey respondents think the variety of sporting and recreation activities accommodated for in the master plan area is adequate, while 29% would like to see more spaces to play formal sport and 27% would like to see more formal team sports facilities.

Consultation with recreation user groups and sporting peak bodies indicated that there is a need for upgrades to and increased maintenance of facilities and sporting grounds to support utilisation of sporting spaces in the Heart of Play master plan area. Some user groups noted that lack of amenity is a challenge in retaining local players. Suggested improvements across sporting spaces include:

- Increased separated change rooms and showers to support increasing female participation in formal sports such as cricket, touch football, soccer juniors and rugby league
- Increased sporting equipment including soccer/AFL goal posts and additional cricket nets that cater to different age groups
- Increased lighting of facilities and grounds for use at night including circuit path lighting and lighting at amenities blocks
- Increase shade, seating, toilets and bubblers in proximity to fields to increase amenity for players and spectators
- Opportunity to better publicise Council's formal booking system of spaces across the network, to support equitable use and sharing
- Improved amenities and access for more user groups at Doyle Ground
- Increased storage spaces, in particular to support sharing
- Improved accessibility of spaces and facilities to support inclusion of all abilities, and
- Improved playing surfaces, including surfacing, drainage and irrigation of fields.



Doyle Ground



## Managing and providing for dogs across the open space network

People want the master plan to support recreation for dog owners and their pets.



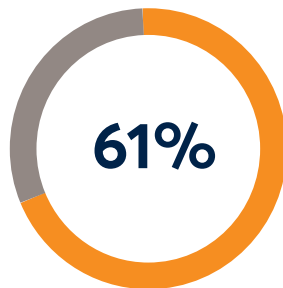
People told us they like having access to open spaces in the Heart of Play master plan area that they can visit with their dog.

- 25% of survey respondents to the Heart of Play master plan survey said they would like to see more spaces for dogs to run and play, while 21% wanted to see less and 43% wanted to see the same amount. Some respondents expressed concerns about conflicts arising from shared use of spaces with dogs, including play spaces, sports spaces and picnic areas.
- 72% of respondents to the Dan Mahoney Reserve survey do not support Council's proposal to build a sporting space at Dan Mahoney Reserve, and the majority want to retain the large size of the existing dog off-leash area that supports recreation with dogs and fosters social connections.



## Upgrading and providing more diverse and inclusive play spaces

People want the master plan to support play for people of all ages and abilities by upgrading existing play spaces and providing more diverse and inclusive play for everyone to enjoy.



- 56% of survey respondents support more water play, particularly for children and families to provide relief from increasingly hot summer weather.
- Participants would like diverse play spaces where families can play together, including nature play that invokes a sense of adventure and managed risk as well as inclusive play for all abilities.
- Survey respondents expressed a need for increased amenity of existing play spaces to support children and adults including more shade, water bubblers and accessible public toilets.



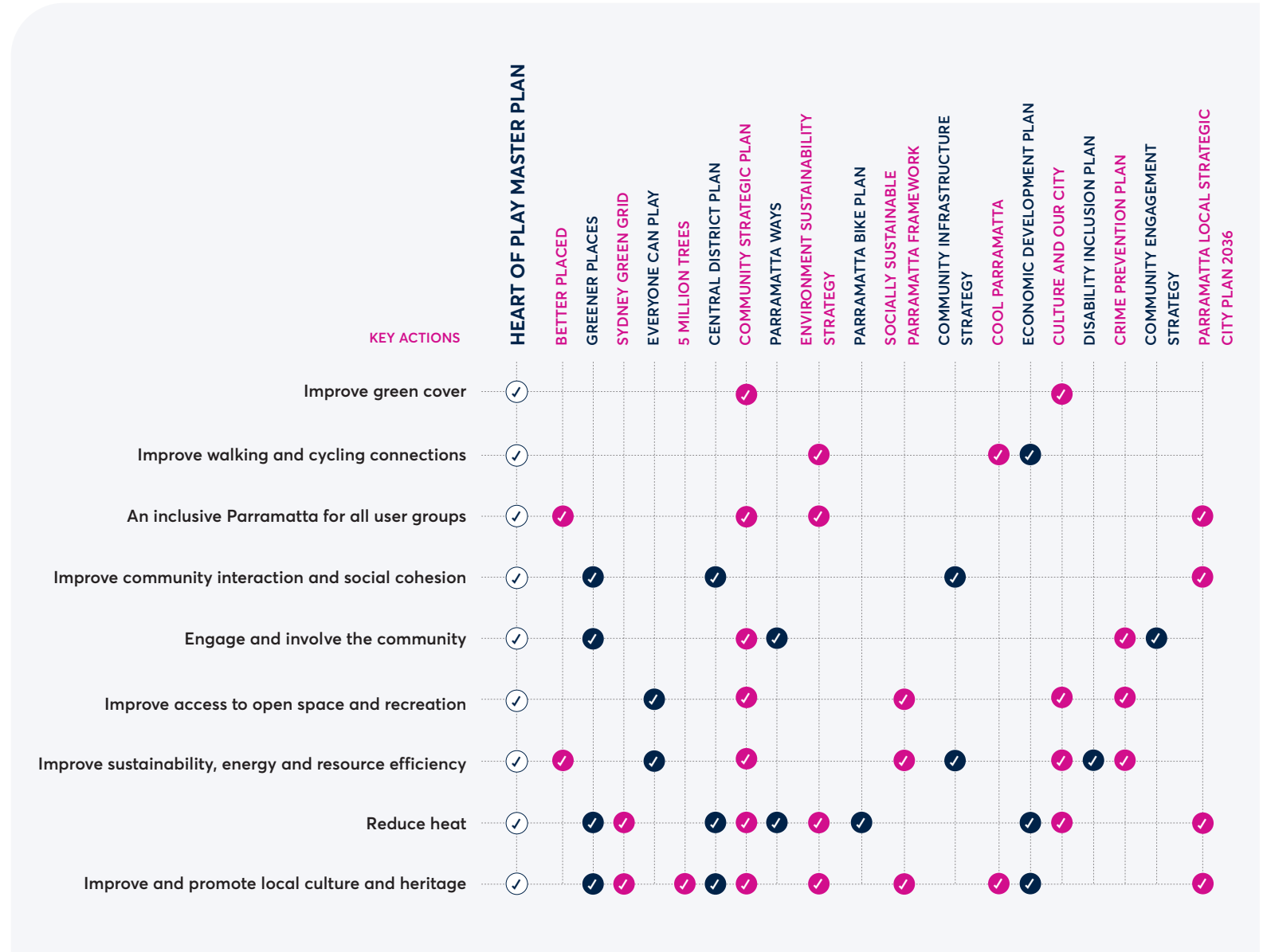


## 2. Strategic policy context

City of Parramatta and NSW Government strategies and plans are key drivers for the HOP master plan.

Priority actions across a range of strategies include:

- Improve green cover
- Improve walking and cycling connections
- An inclusive Parramatta for all user groups
- Improve community interaction and social cohesion
- Engage and involve the community
- Improve access to open space and recreation
- Improve sustainability, energy and resource efficiency
- Reduce heat
- Improve and promote local culture and heritage



## Community and sporting infrastructure needs

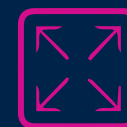
City of Parramatta's Community Infrastructure Strategy (CIS) outlines City of Parramatta Council's long term direction for social infrastructure provision.

The CIS identified the following community infrastructure needs for the LGA and Catchment 4, where HOP is located. An additional 99,044 people will be living in Catchment 4 by 2041 and accessing Heart of Play for sport and recreation. Where possible and appropriate, HOP can address some of the community infrastructure needs identified in the CIS for Catchment 4.

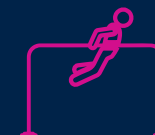
CIS Parramatta LGA needs (by 2041)	What does the HOP master plan deliver?
<b>Sporting fields</b> <ul style="list-style-type: none"> <li>+338 ha of additional sporting fields.</li> <li>Increase carrying capacity of fields through improvements in drainage, irrigation and turf quality.</li> <li>Increase shared use of fields by multiple sporting clubs.</li> </ul>	<ul style="list-style-type: none"> <li>Old Saleyards - Synthetic fields to increase carrying capacity.</li> <li>Barton Park - Relocated throwing cages to accommodate full-size field.</li> <li>Dan Mahoney - new flexible use lawn space.</li> </ul>
CIS Catchment 4 needs (by 2041)	What does the HOP master plan deliver?
<b>Parks, outdoor recreation and sportsground open space</b> <ul style="list-style-type: none"> <li>+239 ha of additional parks, outdoor recreation and sportsground open space.</li> </ul>	<ul style="list-style-type: none"> <li>Retain all open spaces within HOP, while making them multi-purpose and maximising their use.</li> </ul>

Continued on next page

The needs identified in the CIS informs the HOP master plan to:



Increase capacity and improve access to existing facilities



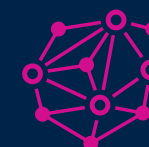
Provide more outdoor gyms and exercising areas



Provide outdoor community gathering spaces / picnic



Provide multi-purpose community spaces



Create a network of inclusive play spaces & improve Value



Increased provision of sporting fields



Provide more cricket practice space



Provide off-leash dog areas



Create more walking and cycling loops



Improve youth recreation

CIS Catchment 4 needs (by 2041)	What does the HOP master plan deliver?
<b>Youth recreation</b> <ul style="list-style-type: none"> <li>High need to increase provision of youth recreation within the Catchment</li> <li>Major projects were not identified within HOP</li> </ul>	<ul style="list-style-type: none"> <li>PH Jeffery Reserve car park proposed to be a skateable hardstand area .</li> <li>Circuit paths for shared use.</li> </ul>
<b>Fitness and exercise spaces</b> <ul style="list-style-type: none"> <li>Moderate need to increase provision of fitness and exercise spaces within the Catchment</li> </ul>	<ul style="list-style-type: none"> <li>Upgrades to all existing fitness stations at end of asset life.</li> </ul>
<b>Play space network</b> <ul style="list-style-type: none"> <li>+56 additional play spaces</li> <li>Increase play value of current play spaces including all abilities play offerings</li> <li>Increase local play through upgrade and redesign of existing pocket play</li> </ul>	<ul style="list-style-type: none"> <li>Doyle Ground - Upgraded play space and line of swings.</li> <li>Corry Court play street.</li> </ul>
<b>Active recreation</b> <ul style="list-style-type: none"> <li>Increased the provision of multipurpose hard courts, tennis courts and cricket nets.</li> </ul>	<ul style="list-style-type: none"> <li>PH Jeffery Reserve - New multisport hard court. Relocate/upgrade of existing tennis courts.</li> <li>Sherwin Park - upgrade to hard court.</li> <li>Doyle Ground - 2 x new cricket nets.</li> </ul>
<b>Community recreation</b> <ul style="list-style-type: none"> <li>Expand offerings for targeted groups (e.g. young people, multi-cultural groups, over 55s)</li> <li>Increase all abilities offerings</li> <li>Improve access through quality and design including universal design standards, lighting, amenities and sustainability principles</li> </ul>	<ul style="list-style-type: none"> <li>Sherwin Park - new Community Garden area pending community interest and BBQ amenities.</li> <li>PH Jeffery Reserve - local passive park.</li> <li>Barton Park/Doyle Ground - New picnic tables/BBQs.</li> <li>All parks - Additional seating .</li> </ul>
<b>Trail and circuit paths</b> <ul style="list-style-type: none"> <li>Potential to strengthen connections within and between parks and outdoor recreation areas</li> </ul>	<ul style="list-style-type: none"> <li>New and upgraded circuit paths to all open spaces</li> </ul>





# 3. Demographic context

## City of Parramatta LGA

The HOP study area is located in City of Parramatta LGA. City of Parramatta LGA has a consistently growing population. In 2016, the resident population was 234,444 (an increase of 31,239 people since 2011). By 2041, according to NSW Department of Planning projections, the resident population will have increased by a further 252,591 residents to around 487,037 people.

Overall, the City of Parramatta LGA is a younger, higher income population compared to Greater Sydney, with a lower proportion of people living alone, more medium and high-density housing, and similarly priced housing costs but higher housing stress. However, there are pockets of disadvantage and vulnerability including low income households, people who speak a language other than English at home, people with disability and unpaid carers.

## Planning catchment 4

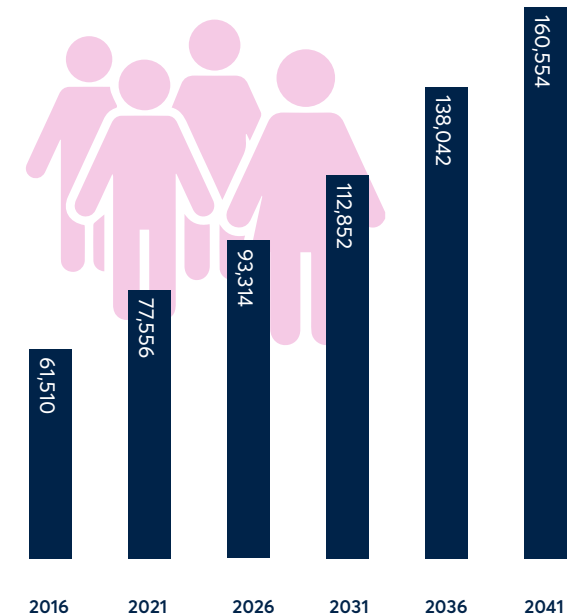
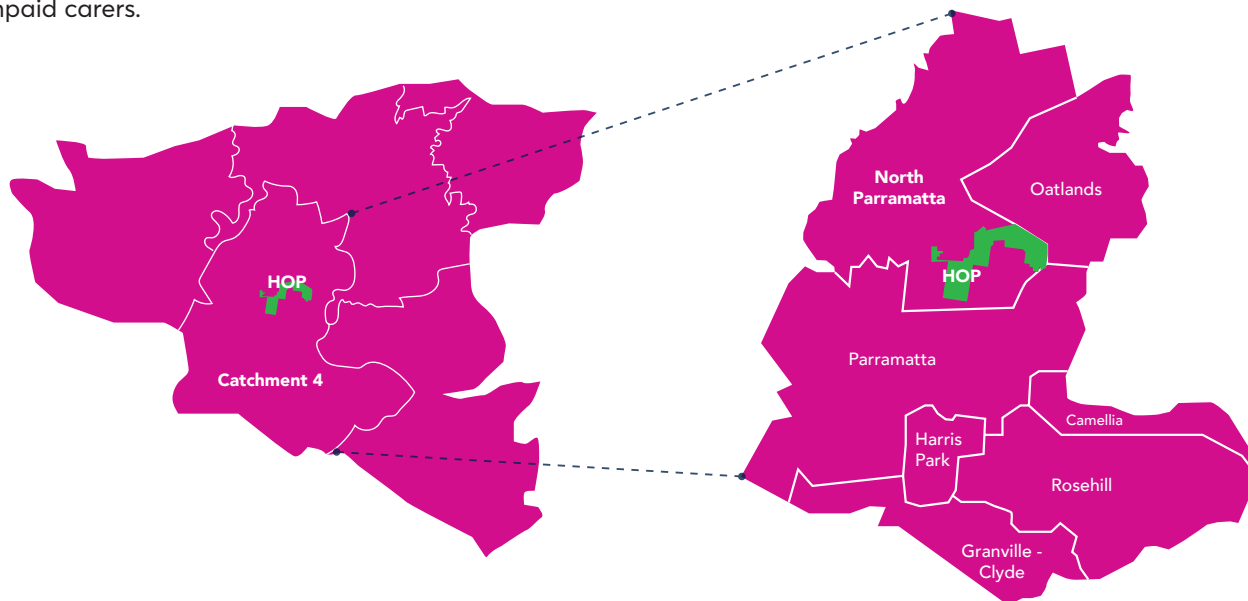
City of Parramatta is divided into six planning catchments. The HOP study area is located in Catchment 4, including the suburbs of Parramatta, Granville, Camelia, North Parramatta, Oatlands, Harris Park, Mayshill, Rosehill and Clyde. City of Parramatta uses these Planning Catchments to plan for community infrastructure needs.

In 2016, Catchment 4 shares similar demographic characteristics to the City of Parramatta LGA, with major differences being higher population growth, cultural diversity and significantly higher proportion of high and medium density housing.

The population will increase by 99,000 people in the next 20 years.



Catchment 4 population is estimated to grow by 99,046 in the next 20 years, which amounts to 39% of the growth in CoP LGA. A majority of this increase will be witnessed in Parramatta CBD, Parramatta and Camellia suburbs.

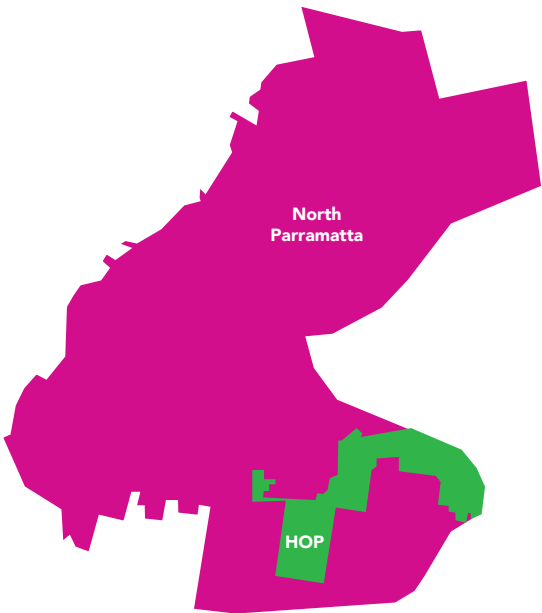


# North Parramatta

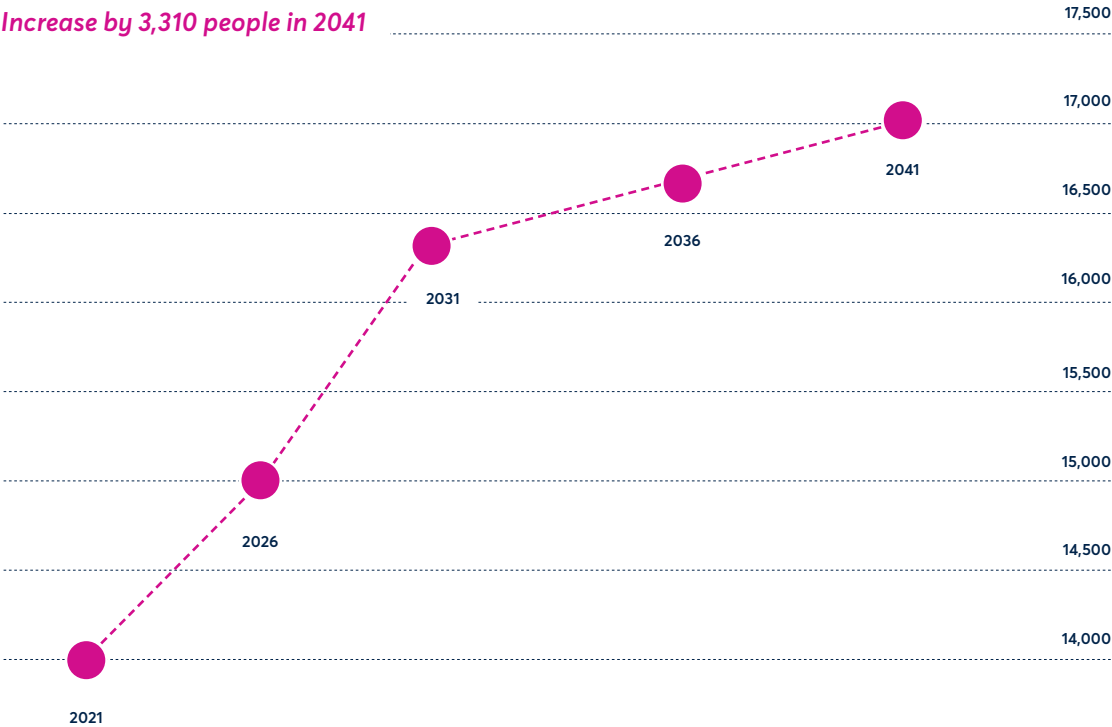
The HOP study area will service the local community living in the suburb of North Parramatta Census of Population and Housing data.

North Parramatta has a consistently growing population. In 2016, the resident population was 13,879. By 2041, according to NSW Department of Planning projections, the resident population will have increased by a further 3,310 residents to around 17,189 people.

Taking the immigration pattern into account, in the next 20 years, North Parramatta will have an even higher population of people from India and China.



*Increase by 3,310 people in 2041*



## The demographic character of immediate neighbours - Heart of Play area

While the HOP master plan will service sporting and recreation needs for the North Parramatta area, and the growing and increasingly dense Catchment 4, the HOP master plan will also need to consider the informal, social and recreational local needs of the residents living around its edges.

The areas neighbouring the seven HOP open spaces are home to a highly diverse community with a majority of residents born overseas, especially from India and China. At 27.7% of the population, the proportion of people under 18 years of age is higher in many of the neighbourhoods compared to Greater Sydney (22%). The percentage of people over 65 yrs of age (up to 22.7%) is also higher in some neighbourhoods in comparison to Greater Sydney (13.9%).

A large proportion of the population live in high and medium density housing (64%) in comparison with City of Parramatta and Greater Sydney (high density - 33.8% and 23.5% respectively). Given the density of the site, there will be a need for the master plan to balance the needs of locals needing "a backyard" away from home, and broader district and regional sporting infrastructure needs.



# 4. Site analysis

## Existing uses

HOP provides important community infrastructure including open space, sports, and recreational facilities. The HOP parks and open spaces are currently used by many people, not only people who live in the immediate surrounding areas, but also visitors and workers who may rely upon HOP to meet their recreation and sporting needs.

No.	Space	Description
①	Barton Park	1 athletics oval, 1 pavilion, sport field lighting, exercise equipment, play space, long jump pit, throwing cages. Used for both senior and junior athletics in summer and winter, and used extensively for school sport carnivals.
②	Corry Court Reserve	Grassed and tree area
③	Dan Mahoney Reserve	Grassed oval for dogs off-leash, 1 club building, 2 containers, field lights
④	Doyle Ground	4 fields (which incorporate 10 touch football fields), 2 cricket pitches, sport field lighting, 1 pavilion, 2 exercise equipment, play space and circuit path. Used for touch football year round, AFL and hockey training in winter and cricket in summer.
⑤	Old Saleyards Reserve	2 fields, 1 pavilion, sport field lighting. Used for rugby league in winter.
⑥	P H Jeffery Reserve and Tennis Complex	Field 1 field, 1 throwing cage, shotput circles, sport field lighting, 1 pavilion. Used by soccer in winter.  Tennis 17 synthetic floodlit grass courts, 1 pavilion. Used by tennis year round.
⑦	Sherwin Park	1 playspace, 1 outdoor court, picnic settings and shelter, path

## Existing open space and sports infrastructure

The existing open space and sports infrastructure is distributed across the seven HOP parks and open space areas.



### Existing community infrastructure and neighbourhood uses

There is a range of community infrastructure and neighbourhood uses within and nearby to the HOP study areas including including schools, childcare centres, shops, cafes, play spaces, dog parks, and fitness equipment.



1st Scout Hall Parramatta



The Container Cafe, Buller Street



Universities, Western Sydney University South Campus



Shopping Facilities, Victoria Road



Reggio Emilia Early Learning Centre



Parramatta East Public School



#### Old Saleyards

- 2 x rugby league fields
- 2 x club buildings
- Synthetic running track



#### P H Jeffery

- Field and throwing cages for athletics
- 17 outdoor courts with lights
- 2 x tennis club buildings
- 1 x field club building
- Field reconstructed in 2018

P H Jeffery Tennis Courts



#### Doyle Ground

- 4 x fields and lighting
- 2 x cricket pitches
- Club room
- 2 x exercise equipment
- Play space
- Picnic settings
- Circuit path

Doyle Ground - Parramatta Touch Football



#### Barton Park

- Athletics track and lighting
- Club building
- Exercise equipment
- Play space
- Oval track
- Long jump pit
- Throwing cages
- Used for senior and junior athletics in summer and winter and extensively for school sport carnivals

Barton Park - Parramatta Little Athletics



#### Sherwin Park

- Play space
- Outdoor court
- Picnic settings and shelter
- Path



#### Dan Mahoney

- Grassed oval for dog off-leash area
- Club building
- 2 x containers
- Field lights

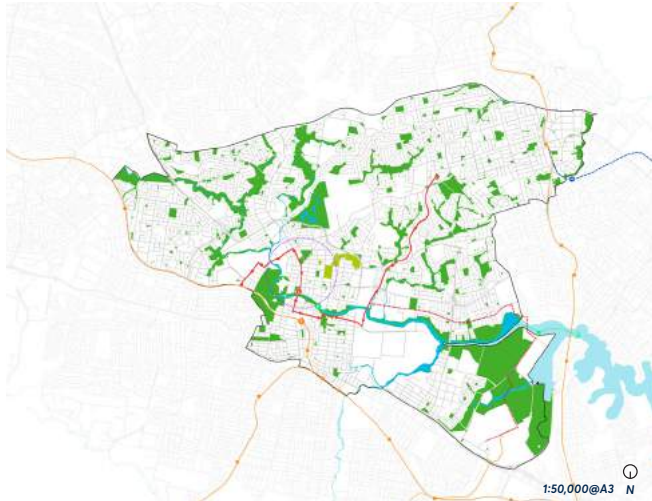
Dan Mahoney Reserve - Off Leash Dog Park



## Public Transport

### Regional Public Transport Network

- There are ample public transport connections within the LGA.
- Future Light rail connections will improve the Central Business District (CBD) mobility and wider connections to key destinations / town centers.



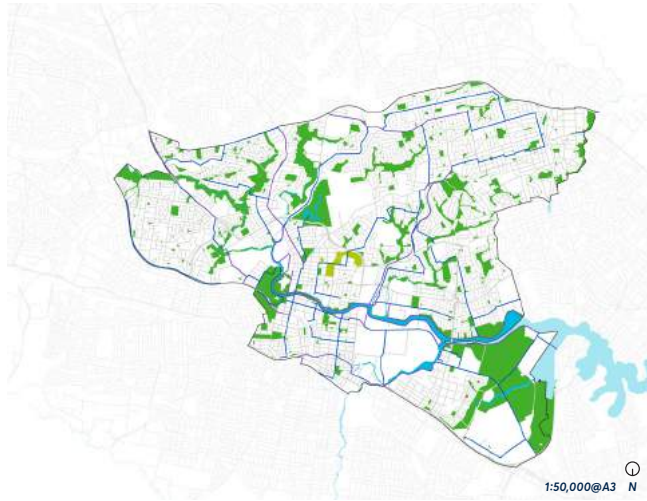
#### Legend

- Site
- Open Space
- Water-feature
- Roadways
- Parramatta LGA boundary
- Light Rail (Stage 1)
- Light Rail (Stage 2)
- Train Line
- Metro Line
- Ferry Route
- 10min walking radius from nearest Light Rail Stop to HoP (1km radius)

## Cycle Infrastructure

### Future Regional Cycle Network

- There are many proposed regional cycle routes connecting the CBD to the greater open space network, including the site
- Multiple opportunities to support the proposed network through cycle parking, cycle routes and green infrastructure on site.



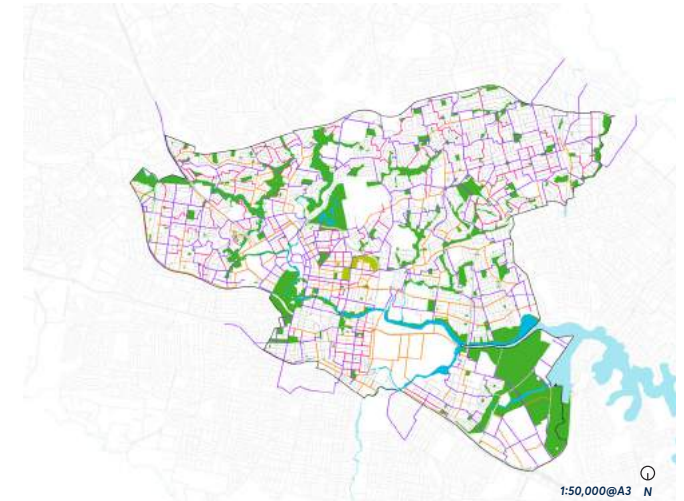
#### Legend

- Site
- Open Space
- Water-feature
- Roadways
- Parramatta LGA boundary
- Regional Cycle On Road
- Regional Cycle Off Road

## Pedestrian Network

### Parramatta Ways

- Mapping details the proposed regional walking route.
- The pedestrian network is to be supported by the improved greening of street and open space corridors, and improved public transport infrastructure.



#### Legend

- Site
- Open Space
- Water-feature
- Roadways
- Parramatta LGA boundary
- Major Route
- Intermediate Route
- Local Route

## Mobility within Heart of Parramatta

### Public Transport, Pedestrian and Cycle

- The site is well connected to the proposed Parramatta Ways network and is an important green corridor for the scheme.
- There are ample bus connections, mostly east-west.
- Cycle amenity (i.e. parking) could be improved.



- Legend**
- Site
  - Open Space
  - Water-feature
  - Roadways
  - Bus Route
  - Bus Stop
  - Major Route
  - Intermediate Route
  - Local Route
  - Proposed Cycle (on road - painted)
  - Proposed Cycle (on road - mixed traffic)
  - Proposed Cycle (off road - shared path)

## Indigenous Heritage

- Within the site, both Doyle Ground and Sherwin Park are recognised as areas of high sensitivity for Indigenous peoples.
- Further consultation and information is required to understand the implications and meaning of the levels of sensitivity.



- Legend**
- Site
  - Open Space
  - Water-feature
  - Roadways
  - High sensitivity site

## Built Form + Use

- Primarily finer grain grid network of buildings.
- Most buildings on site/s are associated with the clubs and sporting entities that use the fields.
- Opportunity to improve and upgrade existing amenities.

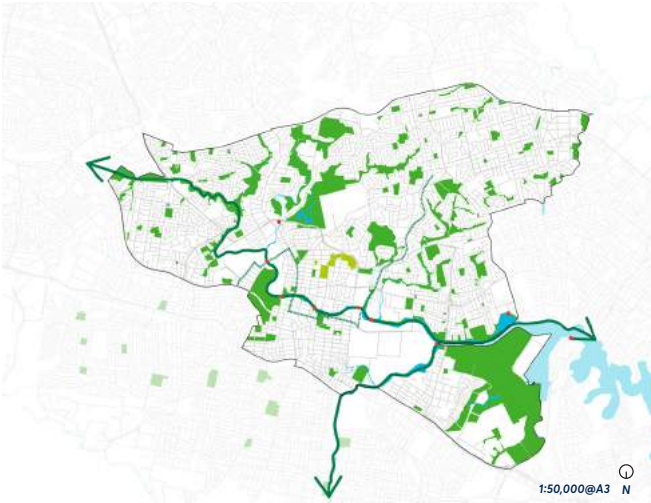


- Legend**
- Site
  - Open Space
  - Water-feature
  - Roadways
  - Built Form
  - ① Club Building
  - ② Club Building
  - ③ Club Building
  - ④ Club Building
  - ⑤ Club Building
  - ⑥ Club Building
  - ⑦ Paramatta City Tennis Courts + Club Buildings

# Environment and Open Space

## Green / Blue Network

- CoP is the epicenter for a number of key Green Grid opportunities
- Most green infrastructural opportunities are anchored off the Parramatta River and Lakes

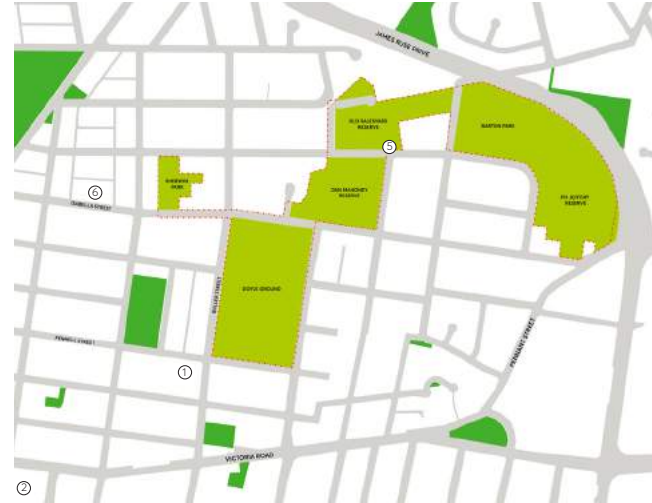


### Legend

- Site
- Open Space
- Water-feature
- Roadways
- Parramatta LGA
- Green Grid Major Opportunity
- Light Rail
- Key Green Grid Node

## Open Space Network

- Existing canopy is primarily located along the perimeter of the parks.
- Opportunity to increase the canopy coverage across site, tying into the green grid and contributing to the 40% canopy target for Greater Sydney.



### Legend

- Site
- Open Space
- Water-feature
- ① All Saints Cemetery
- ② Print Alfred Square
- ③ Collett Park
- ④ Barton Park
- ⑤ Burnside Gollan Reserve
- ⑥ Belmore Park

## Urban Canopy Coverage

- Despite being a considerable area of open green space, most of the site lacks canopy coverage.
- With the exception of Sherwin Park, all sites fall below 30% canopy coverage.



### Legend

- Site
- 10%
- 10-20%
- 20-30%
- 30-40%
- >40%



Site conditions

Site Canopy

- Existing canopy is primarily located along the perimeter of the parks.
- Opportunity to increase the canopy coverage across site, tying into the green grid and contributing to the 40% canopy target for Greater Sydney.

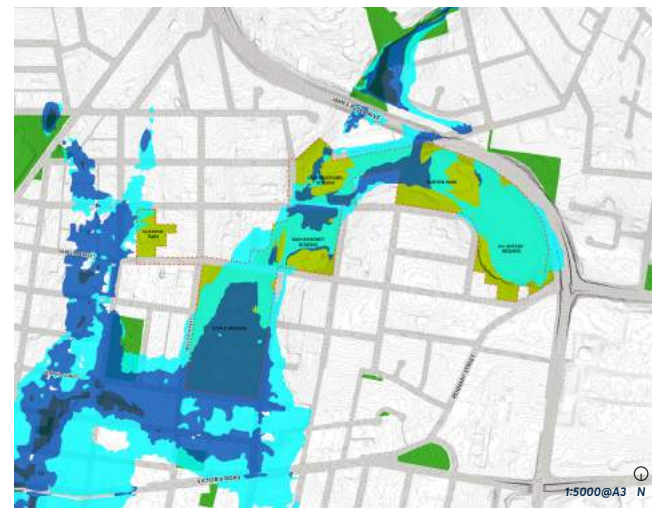


Legend

- Site
- Open Space
- Water-feature
- Existing canopy

Hydrology and Flooding

- All grounds within site are at risk of flooding.
- Primary Flood zone - Doyle Ground
- Opportunity to mitigate flooding through considered application of WSUD principles



Legend

- Site
- Open Space
- Water-feature
- Roadways
- Contours
- Flood - High Risk
- Flood - Medium Risk
- Flood - Low Risk

Soil

- Geologically, the site is primarily a dark grey shale / laminate mix and medium to coarse grained quartz sandstone.



Legend

- Site Boundary
- Road
- Alluvial
- Disturbed Terrain
- Residual
- Erosional

## Contaminated Landscape

- Extensive testing undertaken on fields and open spaces across CoP
- Testing revealed no need for work in Doyle, though work required to ensure safety at Dan Mahoney



### Legend

- Site
- Open Space
- Water-feature
- Roadways
- Land tested for contamination
- Land requiring remediation

## Heat

- Mapping of 'Heat Vulnerability Index: representing exposure, sensitivity or adaptive capacity to urban heat on a scale of 1 to 5 ( 5 - high exposure + sensitivity, 1 - low exposure + sensitivity)
- Heat retention issues across the entire site.

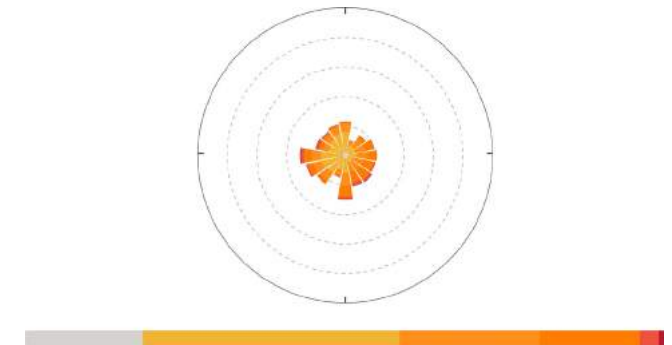


### Legend

- Site Boundary
- Road
- HVI Level 5
- HVI Level 4
- HVI Level 3
- HVI Level 2

## Wind

- The site is exposed to predominantly winds from the south / southeast and west.
- Between September - January, the average wind speed is at the highest. During the winter months, the wind speeds are significantly lighter.



Above: Wind Rose data - 5 year averages Jan 2015 - Current  
(Extracted from Willy Weather Climate Statistics)



Infrastructure

Circulation, Private Transport and Parking

- Ample parking around the site and immediate streets for sporting events.
- Opportunity to improve pedestrian connections between the parks through wayfinding solutions.



- Legend**
- Site
  - Open Space
  - Water-feature
  - Roadways
  - Crossing Island
  - Council Footpath
  - Recreational Footpath
  - Signalised Intersection
  - 90 degree parking
  - Timed Parking (weekdays)
  - Street Parking
  - Informal Parking
  - Public Carpark
  - Major Road

Safety and Security

- Gates and fences have been applied to the Dan Mahoney Reserve and Old Saleyards Reserve for safety and security reasons.
- Opportunity to improve the safety of the underpass beneath James Ruse Drive.



- Legend**
- Site
  - Open Space
  - Water-feature
  - Roadways
  - Security Fence
  - Dog Park Fence
  - Private / Residential Fence-line
  - Dog Park Entry
  - Underpass

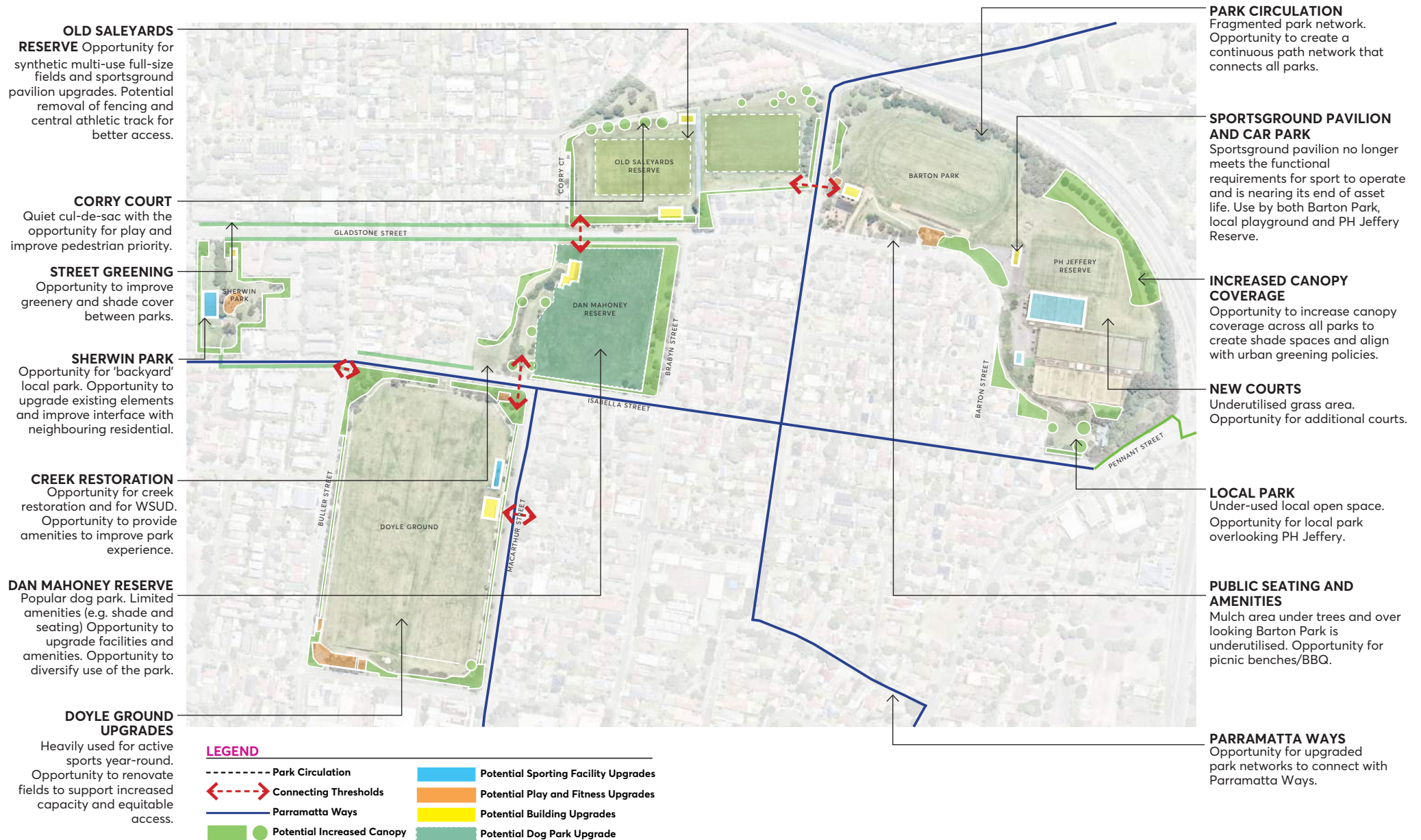
Services and Lighting

- Ample sports field lighting to most field spaces.
- More documentation / research required to determine if the lighting provided is adequate for future activities.



- Legend**
- Site
  - Open Space
  - Water-feature
  - Existing Sports Field Lighting
  - Tennis Court Lighting
  - Park Lighting
  - Roadways

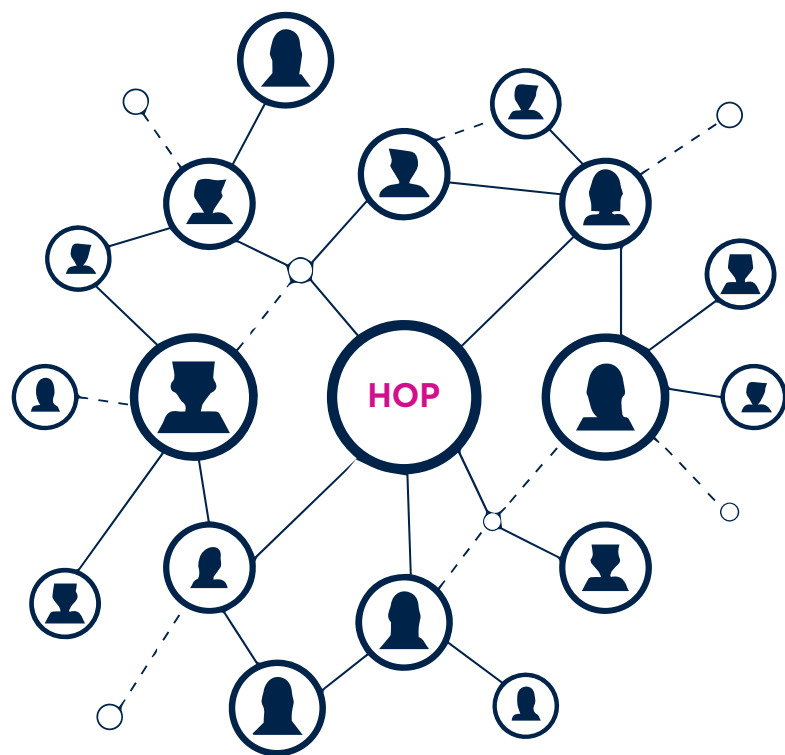
# Site opportunities and constraints





# 5. Vision & principles

## 5.1. Vision



### A connected, healthy, active and inclusive network of parks

HOP will be an attractive, welcoming, inclusive open space and recreation network that serves as a collective backyard for the community. HOP will maximise its capacity to meet diverse community needs and provide a balance between passive and active, formal and informal uses, and provide climate-change responsive environmental benefits.

There will be Improved connections to and through the HOP site; encouraging active transport, healthy living, and improved access to public transit.

HOP will celebrate the local community by providing for the varying needs of diverse cultural and age groups who live here now and in the future. This includes enabling nighttime recreation, catering for increased demand for informal and social sports (such as cricket, soccer and touch) and facilities that support large gatherings of family and friends.

HOP will enhance the community's sense of ownership of this important network of parks and open space, and will encourage the sharing of multipurpose and flexible spaces to support a range of interests.

HOP will future proof the seven open spaces to support the diverse and growing needs of the community, particularly as high density living increases.



## 5.2. Principles



### A connected and accessible network of parks

- The seven open space areas that form HOP will be improved to optimise their collective use for all regardless of age, culture or ability.
- Walking and cycling connections within and across the HOP parks will be universally designed and provided to improve the legibility of existing walking/ cycling infrastructure and to help establish a network of parks and open spaces.
- Improved active transport connections to existing and planned walking and cycle networks (Parramatta Ways & Parramatta Bike Plan) will be delivered including improved access to public transit.
- New walking circuits will be provided to improve health and fitness, and increase capacity to allow for sharing of circuit paths amongst different user groups.
- Bridges will be provided across creeks to allow for a more connected network.



### A welcoming place for all to play, day and night

- HOP will become the communal backyard for the growing community, where seniors, children, young people and families from all walks of life can come together to play, socialise, participate in sport, walk the dog and get happier and healthier.
- HOP parks will be improved with new shading, seating, bubblers, BBQ facilities and other amenities to make them more comfortable to play and stay. Some amenities will be Informal, playful, and welcoming to all.
- The parks will be the green lungs for the community, providing a cool place to be both day and night for the increasing number of people living in high density nearby.
- Parks will allow for flexible and multipurpose spaces to support different uses and needs over time.
- Creative lighting will be provided to enable safe night time use.
- HOP will provide free, informal and engaging places for children and young people to play, recreate, and learn in the outdoors, e.g. skate elements along the edges
- HOP will also provide gathering spaces for the elderly, inclusive, dynamic exercise equipment, and safe walking trails to encourage exercise.
- HOP will support a safe, and healthy living environment.
- HOP will provide opportunities for new local parks within the open space network.



### Improved spaces for active sport and recreation

- HOP will address gaps in the provision of sporting spaces for active recreation including improved sportsfields, provision of new sports spaces, improved and accessible pavilions, to support the needs of the growing North Parramatta and CBD community.
- HOP will optimise field use to improve capacity of existing sporting spaces and improve playing field surfaces to address high level of use.
- HOP will respond to the community's desire for spaces for informal and formal uses with improved facilities. It will deliver improved facilities for informal and social sports responding to local cultural interests such as more cricket nets.



### A healthy and sustainable environment

- Employing water sensitive urban design (WSUD) principles will help combat flooding risks and establish a precedent for park landscapes.
- Increasing urban tree and plant canopies will help tackle the high temperatures the site experiences in summer.
- Increasing canopy coverage across the network of parks will cool the ground and create shaded 'rooms' for environmental comfort in the warmer months.
- Buffer planting with appropriately scaled low maintenance native vegetation will improve park amenity and make a contribution to urban biodiversity.



## 6. Master plan

The overall master plan (shown on the right) is a conceptual layout that will guide future development to deliver on HOP's Vision. It addresses the vision through the four principles:

- A connected and accessible network of parks
- A welcoming place for all to play, day and night
- Improved spaces for active sport and recreation
- A healthy and sustainable environment

One of the seven open spaces included in the HoP master planned area is Dan Mahoney Reserve (DMR). Because DMR will be treated and upgraded as a first priority due to asbestos contamination, the DMR detailed design will now progress separately to the HoP master planning project.

This master plan addresses DMR only in the context of its links to the other parks in creating a connected and accessible network of parks. Any master plan actions related to DMR (except for overall connections) are indicative only.

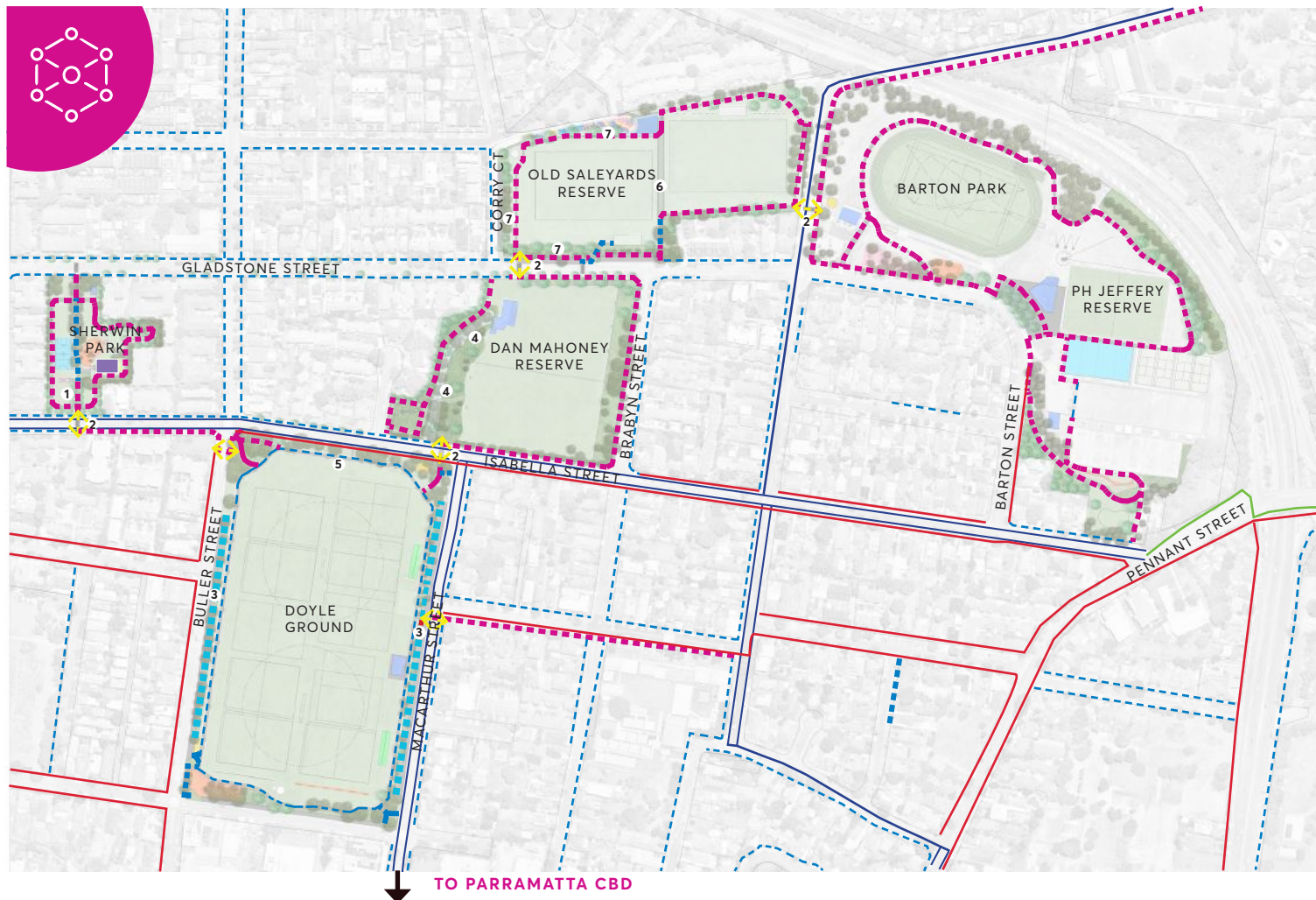
### Overall master plan



# 6.1. Master plan actions by principles

## Principle 1

### A connected and accessible network of parks



#### KEY ACTIONS

##### Continuous shared path network throughout

- Creates a continuous and legible network of paths that provides circuit routes between parks and connects with the Parramatta Ways and Bike Plan networks.

##### 1. Strengthened central axis

- Sherwin Park - Continuation of central tree avenue through to the south of park (including pedestrian lighting for night use).

##### 2. Improved pedestrian crossings

- Improved pedestrian crossings at key locations to create pedestrian priority connections between the parks to form a continuous parkland path network.

##### 3. Proposed paths to parking interface

- 1m wide permeable paths to back of kerb, with low planting (max. 1m high) buffer to street. Through connections at max. 20m intervals.

#### LEGEND

	Grass		Playgrounds
	Planting		Fitness Stations
	Amenities		Buildings
	Paths/Hard Surface		Improved connections
	Basketball/Multi Sports		Proposed Trees
	Existing Paths		Existing Trees
	Proposed Path		
	Proposed Shared Paths - 3m wide		
PARRAMATTA BIKE PLAN			
	On Road - Painted Bicycle Lane		
	On Road - Mixed Traffic		
	Off Road - Shared Path		
PARRAMATTA WAYS			
	Walkable Streets		



#### 4. Proposed bridges across creek

- Bridge crossings improve access to underutilised open space. Proposed shared path along west side of creekline, pending current investigations.

#### 5. Extended pathway use

- Solar pathway lighting for extended use.
- Proposed widening of circuit path at Doyle Ground, maintaining required sportsground buffers.

#### 6. Removal of running track

- Removal of track and associated fencing at Old Saleyards Reserve to improve permeability between fields.

#### 7. Remove security fencing & bollard posts

- Old Saleyards Reserve - Replace bollard posts / fencing along Corry Court with sandstone boulders to double as seating and improve permeability/ access (consistent with recent works on Gladstone St).

### VISION AND POLICIES

#### PARRAMATTA WAYS

- Create a Walkable City: Connect Parramatta by making walking safe, comfortable and attractive for all users across the LGA
- Improve the Environment: Improve the environmental performance of streets and walkways through significant tree planting and enhanced green corridor connections
- Support Healthy Lifestyles : Create an environment that encourages active living and improves wellbeing
- Engage the Community: Enable opportunities for increased community engagement and participation

#### PARRAMATTA BIKE PLAN

- To enhance the productivity and livability of Parramatta through an increase in cycling, helping foster healthy and connected residents, workers and visitors
- For cycling to be safe, and perceived as a safe and attractive option for all members of the community, for those aged 8 to 80
- To increase the proportion of people cycling in Parramatta to 5% of all trips to work, and 10% for those ending in the CBD

#### ACTIVE PARRAMATTA

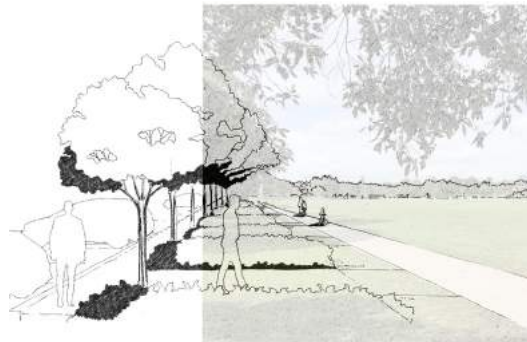
- Improve community cohesion by using health and active participation to reduce barriers
- Increase participation to improve the communities' health and well-being



1. STRENGTHENED CENTRAL AXIS



2. IMPROVED PEDESTRIAN CROSSINGS



3. PROPOSED PATHS TO CAR PARKS



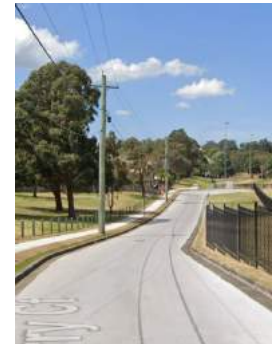
4. PROPOSED BRIDGES ACROSS CREEK



5. CIRCUIT PATHS IN PARKS



6. REMOVAL OF  
RUNNING TRACK &  
FENCING



7. REMOVE SECURITY  
FENCING & BOLLARD  
POSTS

## Principle 2

# A welcoming place for all to play day and night



## LEGEND

	Grass		Amenities		Basketball/ Multisports Courts		Playgrounds		Buildings		Proposed Trees
	Planting		Paths/ Hard Surface		Community Garden		Fitness Stations		Seating Edges		Existing Trees

## KEY ACTIONS

### 1. Potential Community Garden

- Opportunity for small community garden in Sherwin Park pending community interest in stewardship, located for good solar access in underutilised area of park, and incorporating existing totem poles. Buffer planting to adjacent residential interface.

### 2. Proposed Local Playgrounds

- Doyle Ground - Upgrade of local playground in progress, to include play for older children (ages 8-14).

### 3. Primary Dog Park Space

- Dog park with upgraded amenities and facilities.
- Agility elements, amenities (structured shade, trees, drinking stations, seating) at regular intervals around the boundaries of the park. Include double locked gates for all entries to dog park.

### 4. Flexible Use Lawn Space

- The dog park at Dan Mahoney Reserve can increase in size at peak times to include the adjacent open lawn space. Fencing between the two spaces allows for simultaneous use for other activities, including dog agility, informal ball games and casual use.

### 5. Formalise Carpark

- Upgrade car park to maximise capacity
- Greening of interface with street, including shade trees. WSUD to minimise water runoff (e.g. rain gardens to edges).

### 6. Upgraded Amenities

- New seating at regular intervals around perimeter of fields and active spaces. Combination of formal seating and informal seating (e.g. sandstone logs as per recent upgrade works)



- Sherwin Park, Barton Park and Doyle Ground - New picnic seating and BBQ spaces, with lighting for early evening use. Increase communal gathering spaces for passive recreation and social connections.
- Doyle Ground - Retain existing circuit path with option of future widening. Add line marking to de-conflict and provide distance markers. Solar lighting to outside of path. Sandstone blocks as bollards/informal seating offset from path edge.

#### 7. Playful Seating Edge

- Playful spectator seating edge to Doyle Ground (line of swings)

#### 8. Opportunity For Local Park

- Proposed local park with amenities, seating, and circuit path. Increase communal gathering spaces for passive recreation and social connections.
- PH Jeffery Reserve - Local passive park for passive recreation at Isabella St frontage. Elevated views across parklands. Underutilised lower open space adjacent tennis courts converted to open lawn, with potential for older play/ climbing elements that engage with rock face.

#### 9. Corry Court Play Street

- Colourful paving and stencils on roadway to indicate shared environment - an embellishment of the cool streets initiative. Sandstone logs line the road edge (as seating/bollards)

### VISION AND POLICIES

#### EVERYONE CAN PLAY

- Can I get there?
- Can I play there?
- Can I stay there?

#### BETTER PLACED

- Contextual, local and of its place
- Sustainable, efficient and durable
- Equitable, inclusive and diverse
- Enjoyable, safe and comfortable
- Functional, responsive and fit for purpose
- Value-creating and cost effective
- Distinctive, visually interesting and appealing



1. POTENTIAL COMMUNITY GARDEN LOCATION



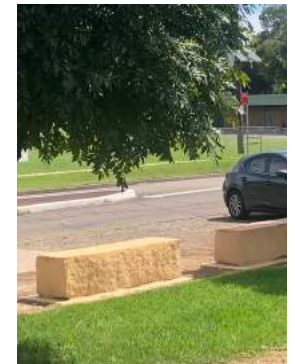
2. PROPOSED COURTSIDE OPEN LAWN



3. DAN MAHONEY - DOG PARK AND FLEXIBLE USE ZONE



5. ACTIVE EDGES TO FORMALISED CARPARK



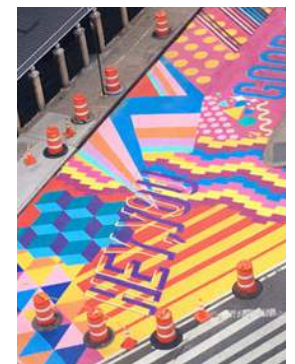
6. INFORMAL SEATING - SANDSTONE LOGS



6. NEW PICNIC/GATHERING FACILITIES UNDER TREES - BARTON PARK



7. PLAYFUL SEATING EDGE



9. CORRY COURT PLAY STREET

## Principle 3

# Improved spaces for active sport and recreation



### LEGEND

	Grass		Amenities		Playgrounds		Buildings		Proposed Trees
	Planting		Paths/ Hard Surface		Fitness Stations				Existing Trees

### KEY ACTIONS

#### 1. Refinement of Field Layouts

- Doyle Ground - Retain existing fields as multi-use full-size sporting fields. Improve drainage and accommodate future population growth.
- Barton Park - Retain all athletics functions. Locate athletics facilities to accommodate full-size field for future population growth.

#### 2. Upgrade to Existing Buildings

- Upgrade to existing amenities building to provide more facilities and storage for growing user base at end of user life.

#### 3. Proposed New Buildings

- Old Saleyards Reserve - new sportsground pavilion located at end of cul-de-sac to service both fields. The building will be upgraded at the end of asset life.
- Doyle Ground - relocated amenities building for equitable access.
- Barton Park / PH Jeffery - new sports pavilion to service both full-size fields. Existing Barton Park building use retained until end of life.

#### 4. Hard Surface Court Spaces

- Sherwin Park - retain existing basketball court at Sherwin Park, and provide additional hoops for younger children.
- PH Jeffery Reserve - proposed multisport courts that are flexible to allow for a range of sports such as basketball and tennis, with seating, water refill, and structured shade. Located to optimise passive surveillance, seating and amenities. Feature rebound art wall to eastern side. (Also utilised by tennis courts next to courts).

#### 5. Relocation of Multi-use/Tennis Courts

- Relocation and upgrade of 4 existing tennis courts at end of asset life to allow for new multi-use courts. New courts will include structured shade, seating, and water refill.



## 6. Flexible Use Lawn Space

- Dan Mahoney Reserve - flexible use lawn space appropriate for dog park use in peak periods, informal balls games, and casual use.
- PH Jeffery Reserve - flexible lawn spaces for casual use, team warm-ups, events, with throwing cages positioned to facilitate multiple activities concurrently.

## 7. Proposed Cricket Nets

- Upgrade existing nets and propose additional 2 lane cricket net. Net fencing required to prevent conflict with adjacent uses. New nets located to retain clear sight lines to fields on approach from adjacent cross streets to accommodate future population density.

## 8. Existing Fitness Stations upgraded at end of life

## 9. Proposed Synthetic Fields

- Old Saleyards Reserve - 2 new full-size multi-use synthetic fields. Increased potential playing hours and reduced irrigation demand.

## VISION AND POLICIES

### EVERYONE CAN PLAY

- Can I get there?
- Can I play there?
- Can I stay there?

### CULTURE AND OUR CITY

- Always was, always will be a gathering place
- Diversity is our strength an everyone is welcome
- Ideas and imagination are the heartbeat of our City
- By design, our City incubates creativity, industry and new knowledge.

### COMMUNITY ENGAGEMENT STRATEGY

- Provide a consistent and considered approach to engagement
- Constantly evaluate and explore contemporary

### engagement

### PARRAMATTA LOCAL STRATEGIC PLAN 2036

- Sydney Green Grid

### COMMUNITY INFRASTRUCTURE STRATEGY

- Play spaces
- Parks and outdoor recreation network
- Sportsground Network

### ECONOMIC DEVELOPMENT PLAN

- Urban transformation and sustainability. Travel improvements between Parramatta and Western Sydney
- Overall planning for the city such as urban heat and green space.



1. REFINEMENT OF FIELD LAYOUTS



4. NEW BASKETBALL/MULTISPORT COURT



6. FLEXIBLE USE LAWN SPACE



7. PROPOSED CRICKET NETS



3. INDICATIVE NEW SPORTS PAVILION BARTON PARK / PH JEFFERY



5. NEW TENNIS COURTS WITH REBOUND WALL



9. PROPOSED SYNTHETIC FIELDS

## Principle 4

# A healthy and sustainable environment



### LEGEND

	Grass		Amenities		Basketball/ Multisports Courts		Playgrounds		Proposed Trees
	Planting		Paths/ Hard Surface		Buildings		Fitness Stations		Existing Trees

### KEY ACTIONS

#### 1. Increase canopy coverage

- Increasing canopy coverage across the network of parks will cool the ground and create shaded 'rooms' for environmental comfort in the warmer months.
- Additional tree planting is proposed to the park edges, to ensure no impact on size or quantum of playing fields. Planting to the edges of fields (outside required field offset zones), and alongside new and existing paths, will increase shade available for spectators and improve the park experience.

#### 2. Buffer planting to residential boundaries

- Buffer planting with appropriately scaled low maintenance native vegetation will improve park amenity and make a contribution to urban biodiversity.

#### 3. Proposed trees & understorey planting to park/street edges

- In addition to tree planting, understorey planting is proposed to park edges that interface with roadways to improve the experience of arrival and landscape amenity when within the park. Planting will be outside new/existing perimeter paths to ensure field and 'run-off' spaces are not reduced in size.
- Low maintenance understorey planting (max. 1m high) will ensure passive surveillance is retained from the street, and access paths through to the street will be provided at regular intervals (max. 20m).
- PH Jeffery Reserve - Replace shotcrete embankment south of tennis courts with native forest planting to improve amenity.



#### 4. Creek restoration and bioretention

- Dan Mahoney Reserve - Restoration of the creek line and filtering of stormwater through a swale and bioretention system. Passive use local park in SW corner with circuit path and seating to edges; incorporating 800m<sup>2</sup> of bioretention planting. Potential to harvest for irrigation of fields.

## VISION AND POLICIES

### SYDNEY GREEN GRID

- Western Sydney parklands balancing infrastructure, biodiversity, recreation and business
- Increase access to open space
- Promote healthy and active living

### 5 MILLION TREES

- 5 million trees in Greater Sydney by 2030
- Increase urban canopy cover by 40%
- Better response to climate by shade and cooling
- Improves liveability

### GREENER PLACES

- Integration: between green, grey and urban infrastructure
- Connectivity: creating an network of spaces
- Multi-functionality: establishing multiple ecosystems
- Participation: involve stakeholders

### COOL PARRAMATTA

- Provides residences with places to stay cool during rising temperatures



1. INCREASE CANOPY COVERAGE



2. BUFFER PLANTING TO RESIDENTIAL BOUNDARIES



3. UNDERSTOREY PLANTING TO PARK / STREET EDGES



GREEN LINK BETWEEN PARKS AND ACTIVE SPACES

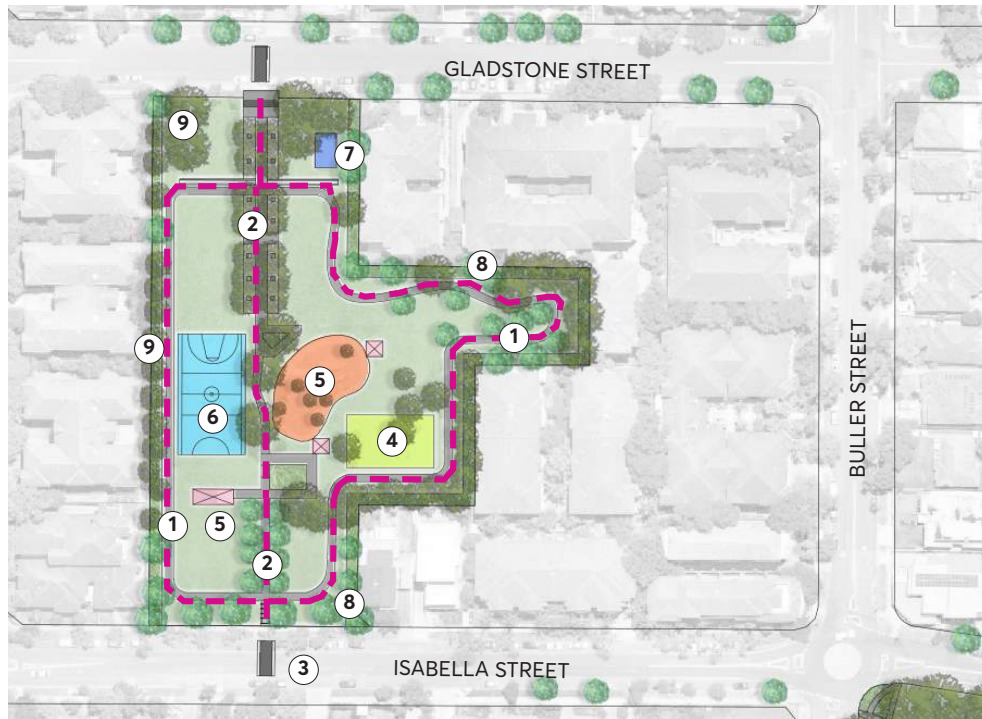


4. PASSIVE USES WITHIN BIORETENTION AREA



## 6.2. Master plan actions by park

### Sherwin Park



#### List of actions

1	3m wide shared path to the perimeter of park
2	Continuation of central tree avenue through to the south of park (including pedestrian lighting for night use)
3	Provide pedestrian crossing across Isabella St to improve pedestrian connectivity to Doyle Ground
4	Small community garden (pending community interest). Located for good solar access in underutilised area of park, and incorporating existing totem poles.
5	Additional seating and picnic tables
6	Retain existing basketball court at Sherwin Park, and provide additional lower hoops for younger children.
7	Upgrade existing amenities building at end of life
8	Buffer planting to adjacent residents
9	Additional canopy tree planting for improved shade



# Doyle Ground



## List of actions

1	Additional tree planting for improved shade
2	Existing fitness stations upgraded at end of life
3	Relocated amenities building for equitable access*
4	Field renewal - Retain all existing full-size fields and 2 cricket pitches
5	Upgrade existing cricket nets and propose additional 2 lane cricket net
6	Improved pedestrian crossing to neighbouring parks and schools
7	Paths to parking interface: 1m wide paths from fields to parking, with low planting (max.1m high) to buffer the street
8	<ul style="list-style-type: none"> <li>Solar pathway lighting</li> <li>New seating at regular intervals around perimeter of fields. Combination of formal seating and informal seating (e.g. sandstone blocks, timber logs)</li> <li>Retain existing circuit path to create a shared path for all with potential to widen path, while maintaining required sportsground buffers. Add line marking and distance markers. Sandstone blocks as bollards/informal seating</li> </ul>
9	Upgrade of local playground to include play for older children (ages 8-14)
10	Playful spectator seating edge to Doyle Ground (suggest a line of swings)

\*Due to the site constraints such as flooding and sportsground buffer requirements, it is not feasible to relocate the amenities building further south than its proposed location.





# Barton Park



## List of actions

1	3m wide shared path to the perimeter of park
2	Additional canopy tree planting for improved shade
3	Existing fitness stations upgraded at end of life
4	New sports pavilion to service both fields. Existing Barton Park building retained until end of life.
5	Retain all athletics functions. Locate athletics facilities to accommodate full-size field for future population growth.
6	Formalise and upgrade car park to maximise capacity.
7	New picnic seating and BBQ spaces under existing trees on Gladstone St frontage, with lighting for early evening use.
8	Planting between carpark and street including shade trees. Water sensitive plantings to minimise water runoff (e.g. rain gardens).
9	Flexible use lawn spaces for athletics events, team warm-ups and casual use



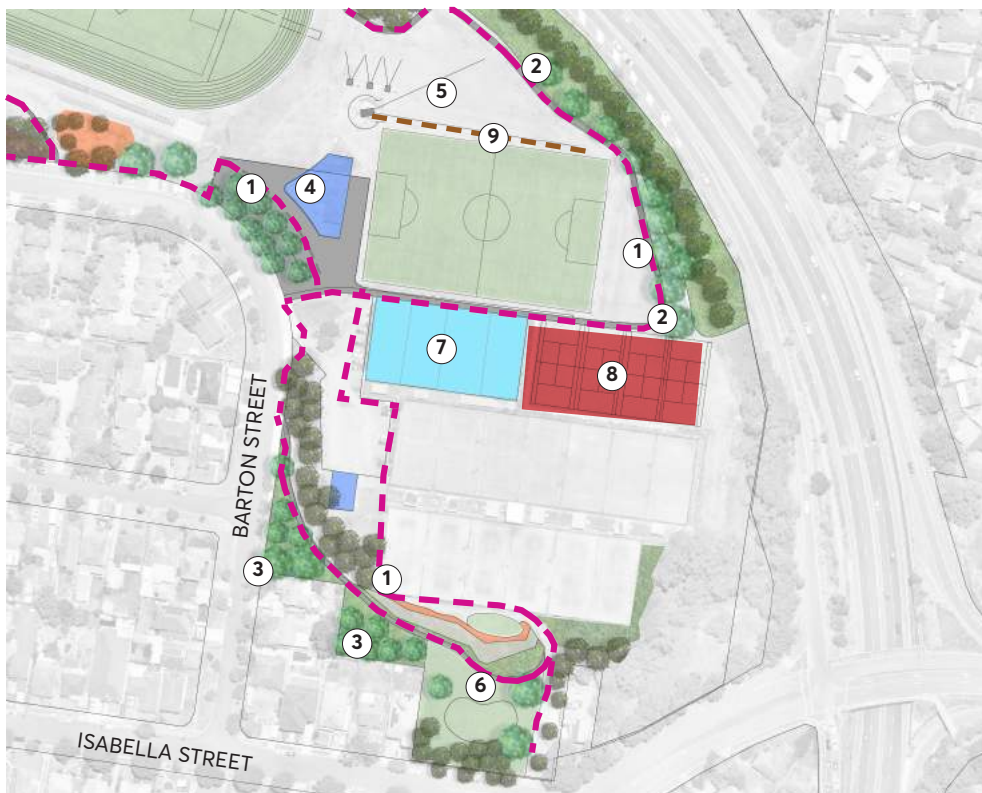


# PH Jeffrey Reserve



## List of actions

- |   |   |
|---|---|
| 1 | 3m wide shared path to the perimeter of park  |
| 2 | Additional canopy tree planting for improved shade  |
| 3 | Buffer planting to residential boundaries   |
| 4 | New sports pavilion to service both fields. Existing Barton Park building use retained until end of asset life.   |
| 5 | Flexible use lawn spaces for athletics events, team warm-ups and casual use. Realign the throwing cages between PH Jeffrey Reserve and Barton Park to accommodate multiple uses simultaneously.   |
| 6 | Proposed local park with amenities, seating, and circuit path (Isabella St frontage). Elevated views across parklands - lower open space adjacent to tennis courts converted to open lawn, with potential for older children's play/climbing elements that engage with the rock face. |
| 7 | Proposed multi-sport court with seating, water refill station, and structured shade. Rebound art wall to eastern side (used by tennis court on opposite side).  |
| 8 | Relocation and upgrade of 4 existing tennis courts at end of asset life. New courts will include structured shade, seating, and water refill station.   |
| 9 | New seating at regular intervals around perimeter of fields. Combination of formal seating and informal seating (e.g. sandstone blocks)   |

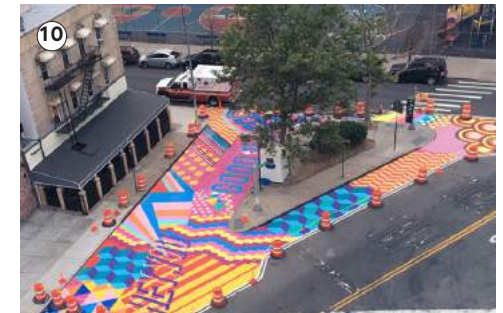


# Old Saleyards + Corry Court



## List of actions

1	3m wide shared path to the perimeter of park
2	Additional canopy tree planting for improved shade
3	Buffer planting to residential boundaries
4	2 new synthetic fields to increase playing hours and reduce irrigation demand
5	New sports pavilion to service both fields. Existing amenities building retained until end of asset life.
6	Improved pedestrian crossings to Dan Mahoney and Barton
7	Removal of track and associated fencing at Old Saleyards Reserve to improve access between fields
8	Replace bollard posts / fencing along Corry Court with sandstone blocks to double as seating and improve access
9	New seating at regular intervals around perimeter of fields. Combination of formal seating and informal seating (e.g. sandstone blocks)
10	Colourful paving and stencils on roadway to indicate shared environment, pending Cool Streets program outcome and timeline. Sandstone blocks line the road edge (serving as seating/bollards)





# Dan Mahoney Reserve



**List of actions** - Please note that all actions proposed at Dan Mahoney Reserve are pending the ongoing investigations to treat asbestos contamination at the site.

- |    |  |
|----|--|
| 1  | 3m wide shared path to the perimeter of park   |
| 2  | Additional tree planting for improved shade  |
| 3  | Buffer planting to residential boundaries.   |
| 4  | Restoration of the creek line and filtering of stormwater. Passive use local park in south west corner with circuit path and seating to edges. Potential to harvest water for irrigation of fields.  |
| 5  | Upgrade to existing amenities building to provide more facilities and storage  |
| 6  | Improved pedestrian crossings to Doyle and Old Saleyards   |
| 7  | Bridges across creek.  |
| 8  | Shared path along west side of creek line  |
| 9  | Dog park with upgraded amenities and facilities. Agility elements, amenities (shade, trees, drinking stations, seating) at regular intervals around the boundaries of the park. Double locked gates for all entries to dog park.   |
| 10 | Flexible use lawn space. The dog park at Dan Mahoney Reserve can increase in size at peak times to include the adjacent open lawn space. Fencing between the two spaces allows for simultaneous use for other activities, including dog agility, informal ball games and casual use. |
| 11 | New seating at regular intervals around perimeter of active spaces. Combination of formal seating and informal seating (e.g. sandstone blocks)   |
| 12 | Proposed local park with amenities, seating, and circulation path (cnr. Waugh Ave and Isabella St.)  |





