



KINGSTON PARK

OPEN SPACE MASTER PLAN

Kingston Park Open Space Master Plan Report

Version History

Draft_V1	29 March 2019
Draft_V2	05 April 2019
Draft_V3	31 May 2019

Prepared for Kingborough Council
By Playstreet Pty Ltd

Playstreet and Kingborough Council would like to give a special thanks to all who contributed and gave their ideas for this exciting project.

The Kingston Park Open Space Master Plan is subject to planning approval, Australian Standards and regulations.

For all images excluding Playstreet originals, refer to images list at end of report.



EXECUTIVE SUMMARY

Kingston Park, the former site of Kingston High School, is a large mixed green and brownfield site immediately adjacent to the Kingston central business district.

With its very recent history as the Kingston High School, the Kingston Park site occupies a special place in the hearts of many locals. In the time since the school’s decommissioning in 2011, and demolition in 2015, the site has continued to be used by locals for recreation and as a linkage between the western suburbs of Kingston and the CBD. The site is nestled between the Southern outlet, Huon highway and Whitewater Creek, at what is essentially the gateway to Kingston and Kingborough municipality. These factors: the history, continuing patters of use, broader connections, and position combine to render Kingston Park a development of great significance for Kingston and Kingborough at large.

Extensive consultation was undertaken in order to distil the ‘wants and needs’ of the community. Key aspirations were for connections to nature, an inclusive space: for all ages, abilities and cultures, public amenities, and to support the healthy ‘beach-side’ culture of Kingston through opportunities for exercise and wellness.

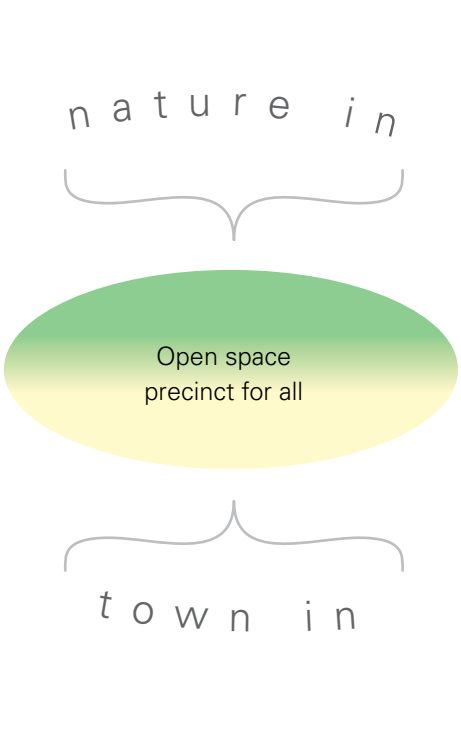
The Kingston Park master plan seeks to respectfully balance the history of the site, both recent and distant, with the contemporary aspirations of the community and a respect for the natural values of the site.

Great care has been taken in carefully planning linkages through the site and beyond to create seamless connections to the parkland and support passive and active uses such as bike riding, dog walking, ball sports and gathering as well as connections through the large playspace, creating an inclusive space without the segregation of children often found in public playspaces.

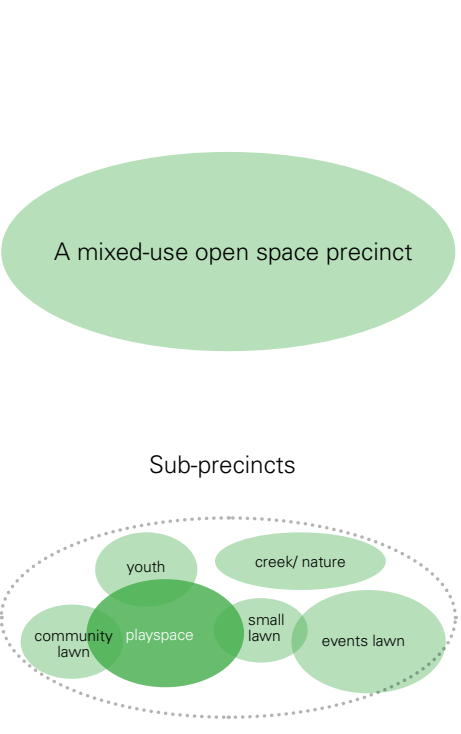
The large playspace has been designed in such a way as to allow for all ages abilities and responds to the requests of children and adults alike. The already modified topography of the site has had a large influence on the design and the resultant meandering nature offers the opportunity for many spaces catering to different types of play - separated by the topography as opposed to installations such as fencing or barriers.

These factors combine to create a playspace offering 9 distinct areas of play, representing the varying aspirations of the community whilst also providing pragmatic solutions to staging and construction.

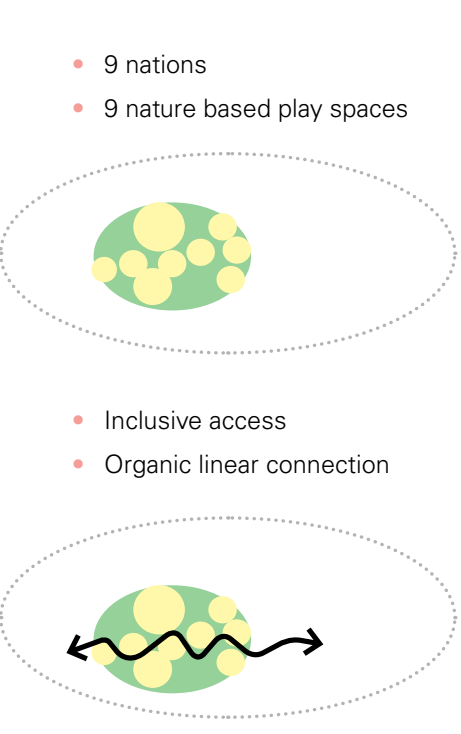
The concept



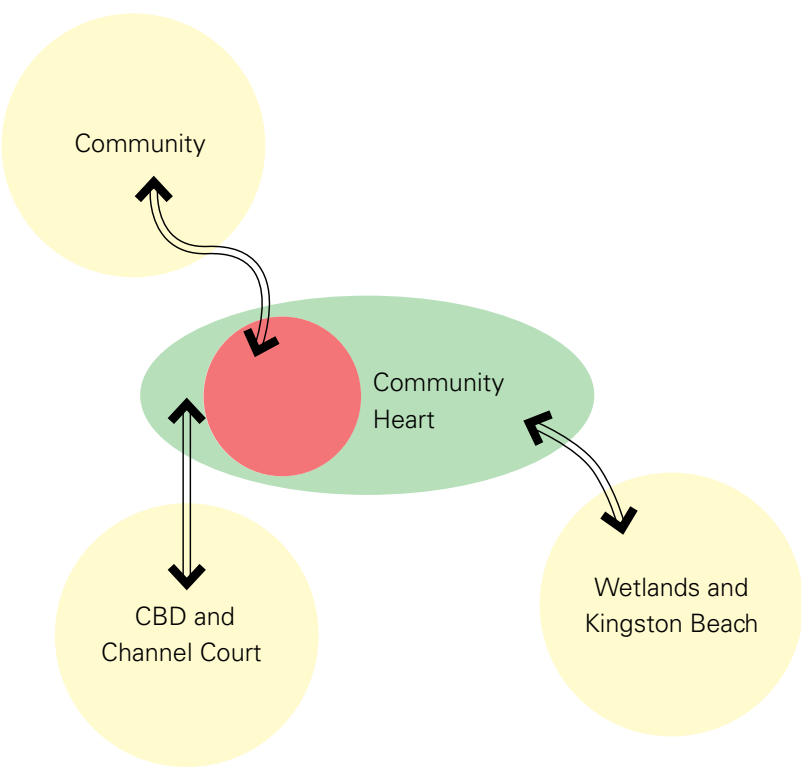
The parkland



A regional playspace



A connected community






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01 THE PROJECT


A grayscale photograph of a grassy field with trees and buildings in the background. The text '01 THE PROJECT' is overlaid in red.



SUPPORTED BY

(Former) Kingston High School Site Development Plan

Prepared for: Prepared for Kingborough Council
By Beca Pty Ltd
ABN: 85004 974 341
May, 2013



PROJECT BACKGROUND

Objectives

As established in the *(Former) Kingston High School Site Development Plan*, Beca Pty Ltd, 2013. (hereafter the *Beca Report*)

- Create sufficient open space, infrastructure and facilities in support of the area as the community heartland of the Kingston town centre - a vibrant core to the site that meets the expectations for social, economic and environmental sustainability.
- Provide spatial diversity to meet the needs for a variety of user groups for passive and active recreation and informal uses.
- Locate uses to suit the environmental conditions of the site addressing topographic constraints, climatic parameters and the visual values of the site and the distant views.

Establish clear, safe and accessible pedestrian and vehicular linkages between the site and the surrounding commercial and residential precincts and within the site itself.

Project Timeline

2013	(Former) Kingston High School Site Development Plan, Beca Pty Ltd
	The (Former) Kingston High School Site Development Plan established the framework for the development of the former Kingston High School site, including residential, commercial and community developments. Connections to Kingston CBD were proposed and the identification of the site at the future 'City Heart' was established.
09/2018	Playstreet Pty Ltd are selected to master plan Kingston Park and design a new large playspace and Pardolote Parade pedestrian streetscape.
11/2018	Playstreet Pty Ltd undertake community consultation and commence conceptual design for the parkland and playspace.
04/2019	Draft Kingston Park Master Plan for public feedback
2020	Stage 1 - Kingston Park Playspace opens
2021	Stage 2 - Pardalote Parade pedestrian mall opens
2021+	Steady implementation of balance of master plan based on council funding allocation.

02 THE SITE

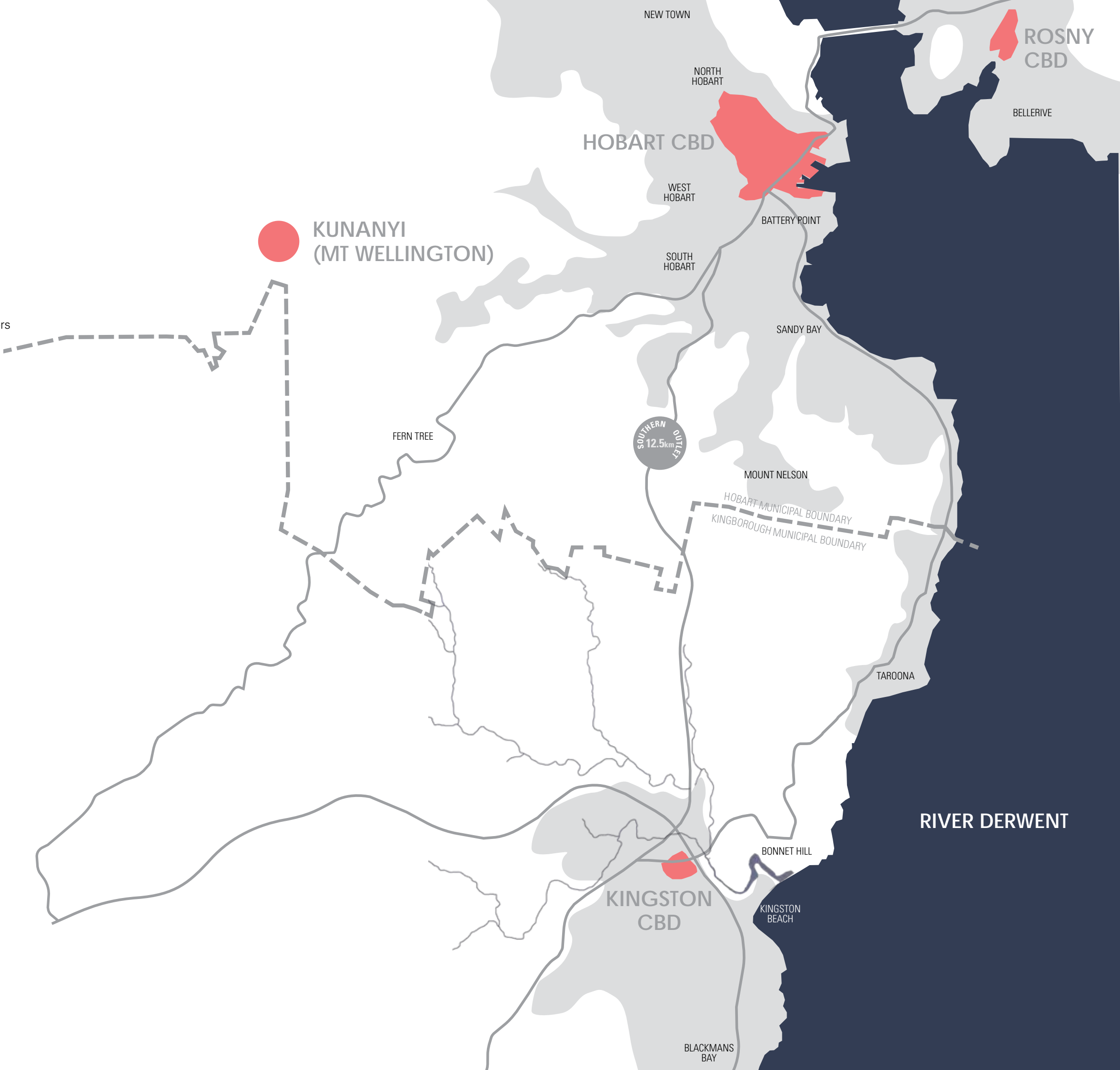
A grayscale photograph of a residential site. In the foreground, there is a field of tall grass. Behind it, a dense line of trees and shrubs covers a slope. In the middle ground, a modern house with large windows and a balcony is visible. In the background, a large, rounded hill rises, topped with a few small structures or antennas. The sky is bright and overcast.

REGIONAL CONTEXT

Content to come

Kingston Park sits at the gateway to Kingston township and the greater South West region. Kingston is a fast growing beachside suburb and regional centre with retail, commercial and sporting facilities, and a short commute to Hobart city.

The site is nestled at the foot hills to kunanyi and with view corridors to the mountain and a direct connection to Whitewater Creek. The substantial amount of green open space in the heart of Kingston lends itself to become an activator for the township for the local community and businesses, and regional destination.



THE SITE

Kingston Park is located on the former site of the Kingston High School. It is bounded by Whitewater Creek to the north, the Southern Outlet to the West and the Huon Highway and Kingston CBD to the East and South respectively.

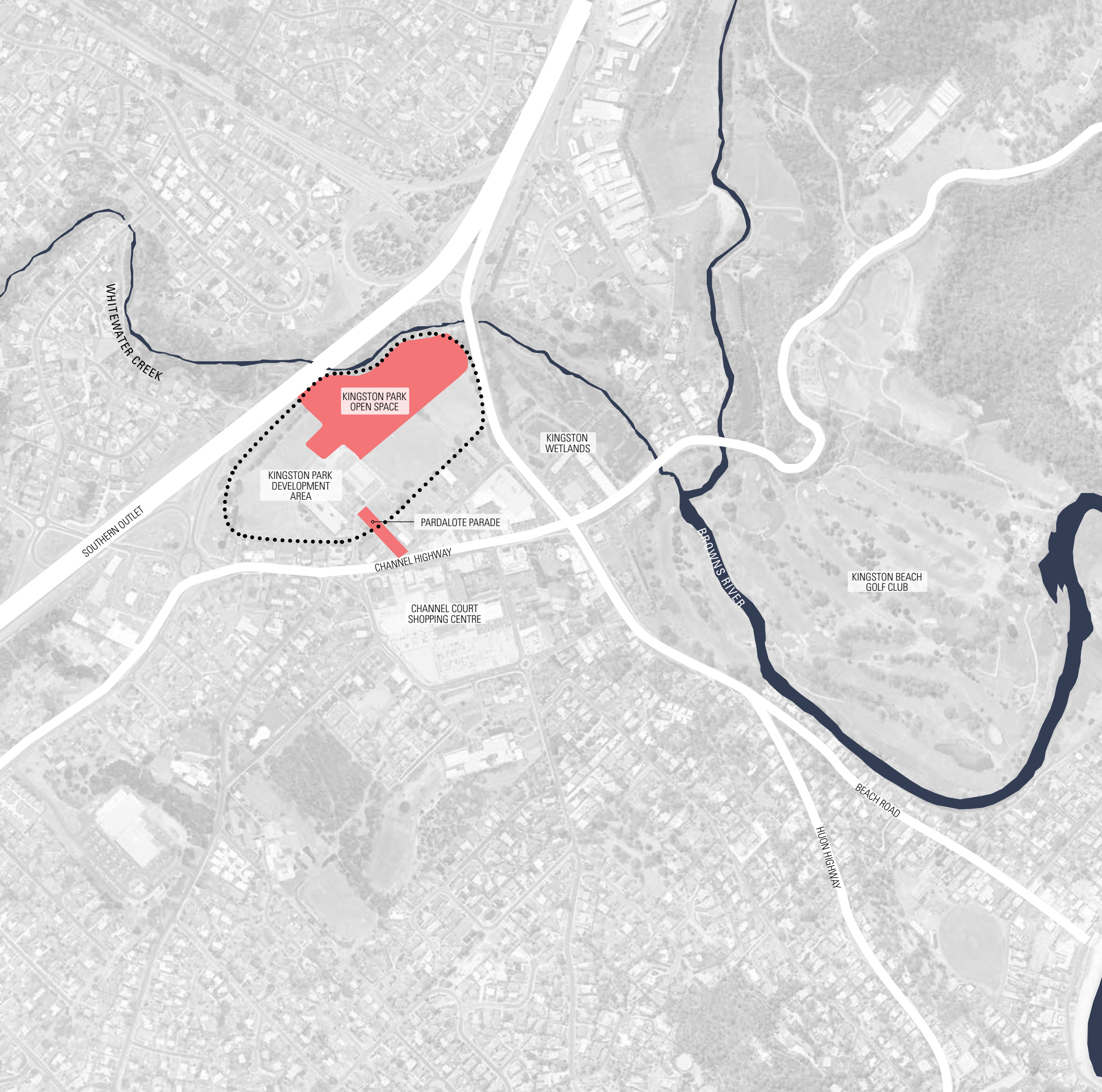
Kingston High School was originally constructed on the site in 1972, the remnants of the original gym building now forming part of the Kingborough Community Hub (completed March 2019). It was only in 2011 that the school relocated to the current campus at Kingston View Drive. Some of the known uses prior to becoming the site of the school are as grazing pasture and community vegetable gardens. The location of those gardens is not known.

Given the relatively recent history of the school on the site many local residents are familiar with the location and surrounds, having had children attend or as students themselves.

The total site area is approximately 11.3 hectares, with roughly 8.5 hectares of this dedicated to future mixed-use development, and the balance given over to public open space. In addition to new vehicle networks connecting the development area to the existing road infrastructure of Kingston, there will also be a new pedestrianised connection, via the proposed Pardalote Parade (currently the John Street carpark), that will provide a direct pedestrian, bicycle and visual connection from Kingston Park to the Channel Highway and vice versa. In addition to connections to Channel Court, it is essential that Kingston Park support and foster the broader connections throughout Kingston in order to ensure its success as a community heart. The position of Kingston Park at the crook of the Southern Outlet and Huon Highway offers extraordinary potential for reconnecting the predominantly residential areas of upstream Whitewater Creek and Summerleas Road to Browns River and Kingston Beach.

The large expanse of open grassy area presently on site offers an essentially blank canvas for the development of the playspace and parkland, as well as the interconnecting trails, pathways and public amenities.

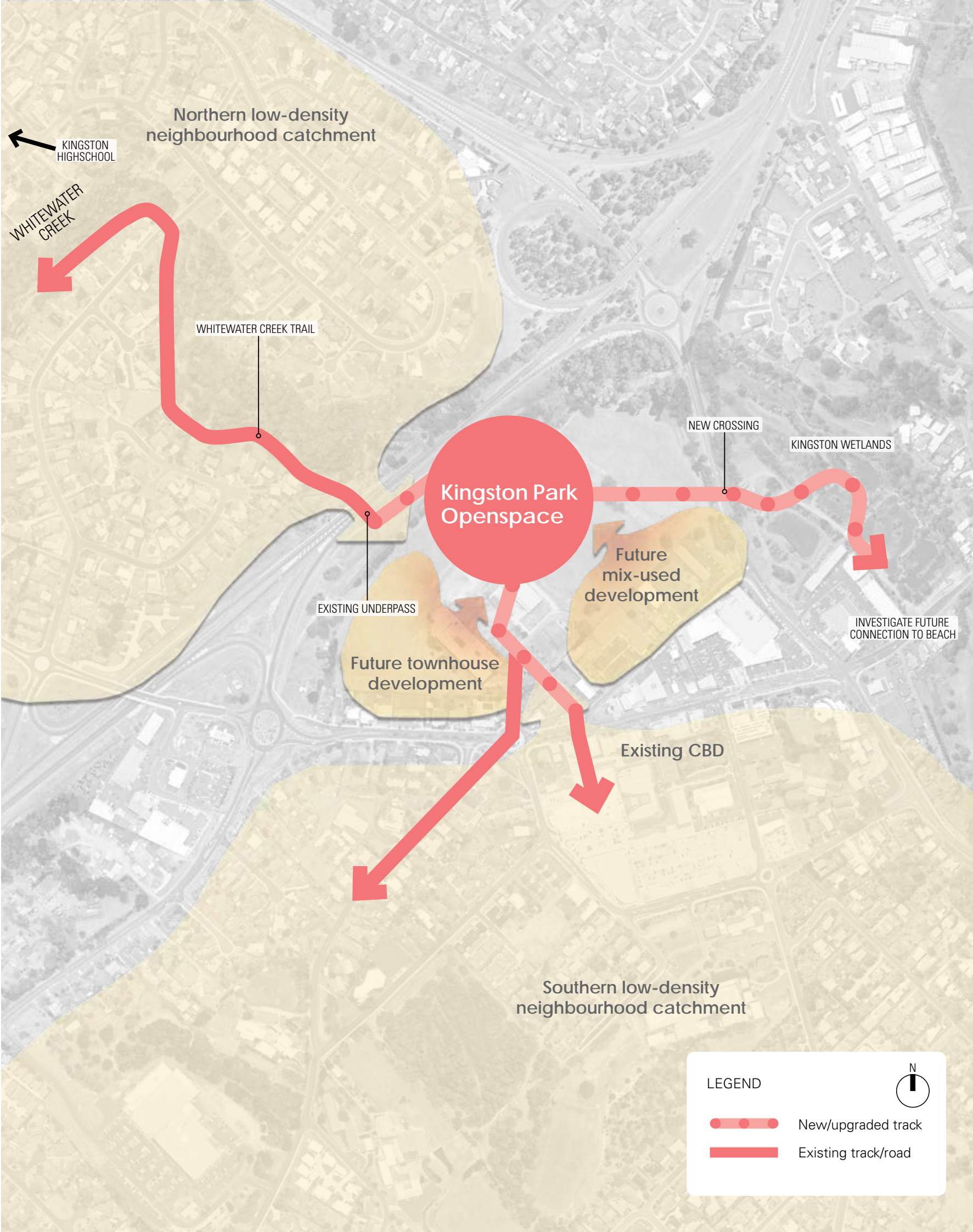
By carefully planning and fostering the connections through the site to greater Kingston, Kingston Park will support the passive uses that inevitably lead to activation.



SITE CONNECTIONS

One long-term aspiration for Kingston Park — made possible by its location and through careful design of the parkland — is to vastly improve the connectivity of the greater Kingston area for walking and cycling.

With its location at the junction of the Southern outlet and Huon highway, Kingston Park offers an opportunity to ease the difficulty in crossing those major roadways through improvements to the existing underpass, and new interventions to allow easier crossing at road level for both the Huon and Channel highways.



TOPOGRAPHY

Kingston

Kingston is located at foothills of kunanyi (Mt Wellington), at the confluence of Whitewater Creek and Browns River. It is protected by Bonnet Hill to the North-east and Boronia Hill to the South.

Kingston Park

Kingston Park has a striking landform made up of terraced fields, playcourts and a large sound mitigation berm (along the highway). There is a 23m level change between the top and bottom of the site. Whilst this presents an interesting topography that speaks to the site heritage, it also present challenges in terms of designing an accessible site.

The lowest field sits within the flood zone and is often inundated when Whitewater Creek floods in heavy rain events.

Influence on Master Plan

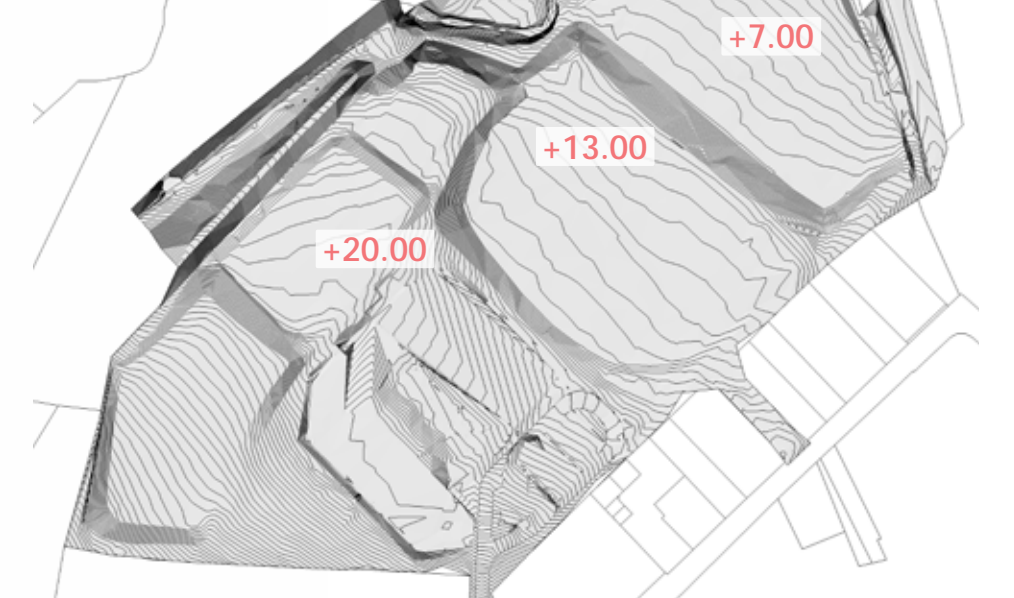
- Retain open views / borrowed landscape
- Geology as a form generator
- Connection to place

What are the views



- Primary view to kunanyi (Mt Wellington) to North/North-west
- Albion Heights and Bonnet Hill North-eastern backdrop
- Internal Whitewater Creek riparian backdrop
- South-western views back to Kingston and future Kingston Park development

Kingston Park Site topography





03 THE MASTER PLAN

LOVED BY LOCALS – WHAT THE COMMUNITY WANTS

EXECUTIVE SUMMARY FROM KINGSTON PARK COMMUNITY CONSULTATION REPORT

Community consultation was undertaken at length in order to distil the wants and needs of the community for inclusion within the master plan. Every effort has been made to include those suggestions that were repeated throughout the various consultation phases.

It was expected that the varying groups consulted with in regards to Kingston Park would have very different priorities, so it was a pleasant surprise to learn, as the consultation progressed, that the key concerns and aspirations were largely consistent despite the variations in age, abilities, and relationship to the parkland (ie, local resident, non-resident worker, student et cetera) of the groups consulted.

Common priorities of the majority of groups consulted were the following:

Connections to nature and place.

There was a strong desire for the parkland and playspace to be ‘of Kingborough’, to reflect the identity and unique qualities of the area in terms of flora and fauna, connections to Aboriginal history and the more recent history of the site as Kingston High School.

Natural materials were clearly preferred in lieu of man-made materials such as plastic for play elements and equipment. Play elements that involve exploration and play within nature were also recurring suggestions, with ideas such as ‘loose-parts’ play with leaves and sticks, potion making with flowers, dirt and water, water play and tree climbing.

All-inclusive, community focus

The requirement that the park and playspace cater to all ages and abilities was raised by every group consulted.

With regards to play elements it is essential that not only children of all abilities be able to use the space, but also that supervising adults may be able to play and interact with their children irrespective of their own abilities. Places for breastfeeding mothers, where they can comfortably feed one child and supervise another were critical, as were comfortable places for carers to oversee and monitor children playing. The level of security of the various play areas was also of great importance, especially for those supervising more than one

child at a time, or children who have a tendency to ‘bolt’ from their carers.

Numerous stake-holder groups made mention of Aboriginal culture, bush tucker and history and how these should be incorporated in the design. Consultation with local Aboriginal people shed light on sensitive and meaningful ways to weave Aboriginal culture into the parkland while avoiding tokenism or overt interpretation of stories or traditions. Some of these methods were the use of Aboriginal bush-tucker plants and plants with utilitarian uses such as for weaving baskets or rope, and representation of the native animals which were valuable food sources.

Pet ownership and dog walking were contentious issues amongst the community with a distinct divide between those who wish to see an off-lead dog exercise area at Kingston Park and those who wish to exclude dogs entirely. Given the limited space available for an open off-lead area, and the likelihood of pet ownership only increasing within the precinct, neither off-lead nor dog-exclusion were deemed practical. However there should be provision for on-lead dog exercise and enrichment to allow for a truly shared community space, and afford community members the opportunity to bring their whole family, including dogs, to the parkland.

Public amenities

Given the as-yet undeveloped nature of the site, provision of public amenities was an issue raised multiple times throughout the consultation process.

Easy and all-abilities access to toilets and changing places, as well as the provision of barbecue facilities, rubbish and recycling collections points, potable water fountains, shade & shelter were raised.

There was a strong desire by the community to be able to utilise at least some of the playspace and parkland during all seasons and weather conditions, especially the barbecue spaces and path network. Consultation was undertaken during December 2018 and January 2019, and while experiencing some particularly hot weather, so the ability to seek shade of trees and shade structures was raised as a high priority. Places to relax under trees and shade structures, as well as the provision of shade to play spaces and equipment were

requested repeatedly.

For those community members with small children it was important that the toddler/early years play spaces were located as short a distance as possible from the toilets as young children are less able to ‘hold on’.

Though toilet facilities were not originally included as part of the scope of the landscape design, there are public facilities located in the Community Hub, so it is important that these junior play areas allow for easy access to the Hub amenities. Additional toilet facilities have since been included in the master plan, adjacent to the car park.

Health, fitness and well-being

Walking, running, bike riding, bouldering and climbing as well as skateboarding and scooter riding were all forms of exercise mentioned during the consultation along with requests that they be integrated into the playspace and parkland. Connections through the parkland to the Kingston CBD and residential suburbs were raised as methods in which Kingston Park could be activated and form part of an exercise network linking the suburbs to Kingston Beach. There were also requests for outdoor exercise equipment to be located in the parkland, creating a self-contained fitness loop.

Nutrition and mental well-being were noted as being important to the community. There were repeated suggestions for communal orchards and productive gardens of both native and introduced food plants. Vegetable gardens where the community or school groups can learn about growing food, and gardening techniques, identification of bush tucker. Spaces for teaching and learning spaces were also suggested to augment these gardening areas and create spaces for community groups to come together and share knowledge.

CONSULTATION IMAGES



01. LISTENING POST



02. STUDENT WORKSHOPS



03. STUDENT WORKSHOPS



04. NATURE PLAY DAY



05. NATURE PLAY DAY CONSULTATION



06. STARRY SEAS TWILIGHT MARKET



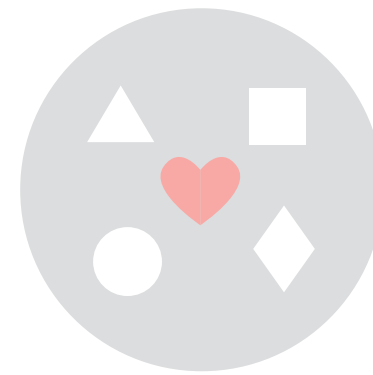
07. REALLY REALLY FREE MARKET



08. REALLY REALLY FREE MARKET

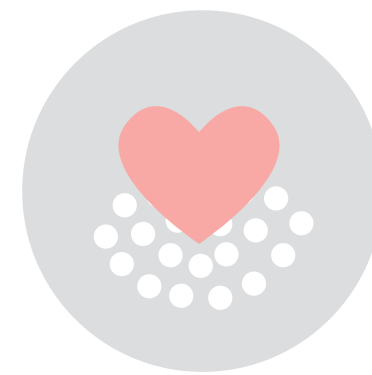
WHAT MAKES A GREAT PARK?

Guided by the aspirations of the Kingborough community, nine design principals were distilled. These principals aided the design process by providing a benchmark for the design outcomes, enabling design decisions to be measured against that benchmark, improving upon it, and delivering the best outcome for the community.



A place for all

Not just for humans
Universally accessible
Activities for all ages and all abilities
Safe (CPTED principles)



Loved by Locals

Comprehensive community consultation
Provides amenity for the community
Exciting place for locals



Culturally respectful

Honour both 1st and 2nd nations people
Diverse stories



Strong sense of place

Connects people to place
Tells local stories
Unique to Kingborough



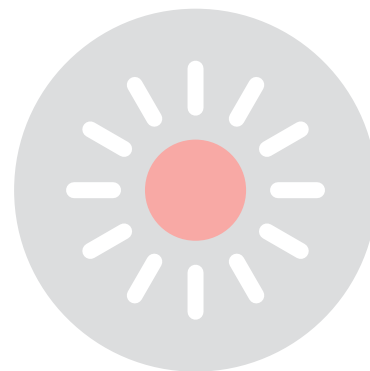
Biodiverse

Benchmark sustainability
Increased habitat
Ecological restoration



Healthy & Healing

Quiet restful spaces
A place to escape
Stay fit + build health



Diverse experiences

A range of spaces for a range of recreational activities
Intimate to open
Range of scales



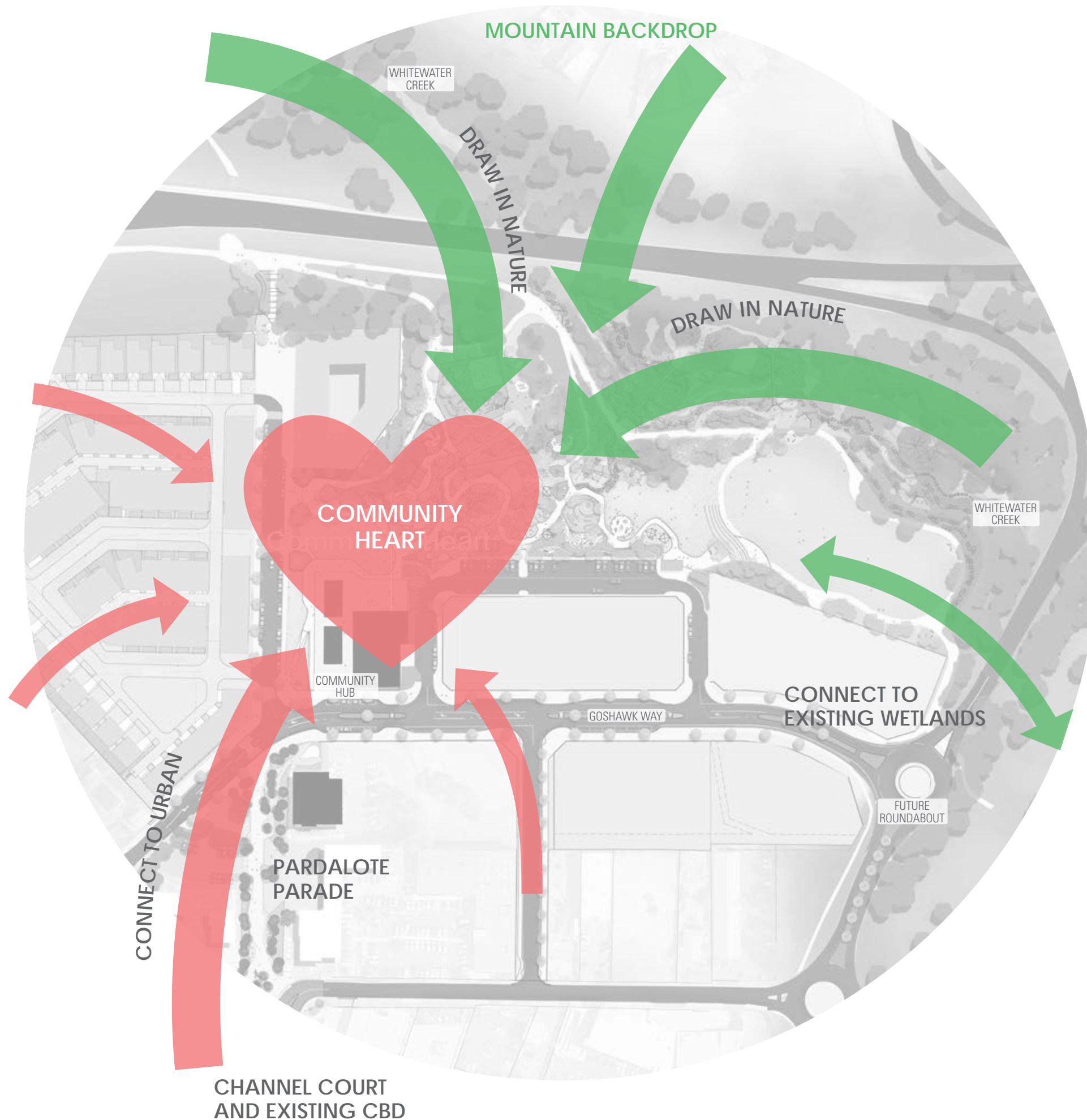
Educational

Learning experiences for all ages
Group learning spaces
Surprising



Regional destination

A day-trip
Unique and exciting
Diverse experiences



WHERE URBAN MEETS NATURE

With its sweeping view of kunanyi (Mt Wellington incl. Wellington Park) and flanked by the Whitewater Creek ecological corridor, the Kingston Park site gives the impression of being nestled between Kingston township and wilderness.

As proposed in the *Beca Report*, The *Kingston Park Master Plan* establishes the Kingston Park site as the new community hub and the heart to Kingston and the Kingborough municipality.

Through its position at the threshold between the growing urban centre of Kingston and its natural surroundings, Kingston Park offers a unique opportunity to draw on the characters of both environments and shape a uniquely 'Kingston' open space.

Draw in nature

1. Provide open views of Kunanyi to heighten the impression of being on the edge of wilderness
- Create strong nature thematic through material choices
- Expand the Whitewater Creek ecological corridor into the site through extensive native planting leading down to the creek
- Improve access to the Creek
- Connect to Whitewater Creek Trail through to Kingston Wetlands

Connect to urban

- Improve pedestrian connections to Kingston CBD via Pardalote Parade
- Place entry points at key locations for the future developments
- Thematically connect to urban through forms, material and plant palette

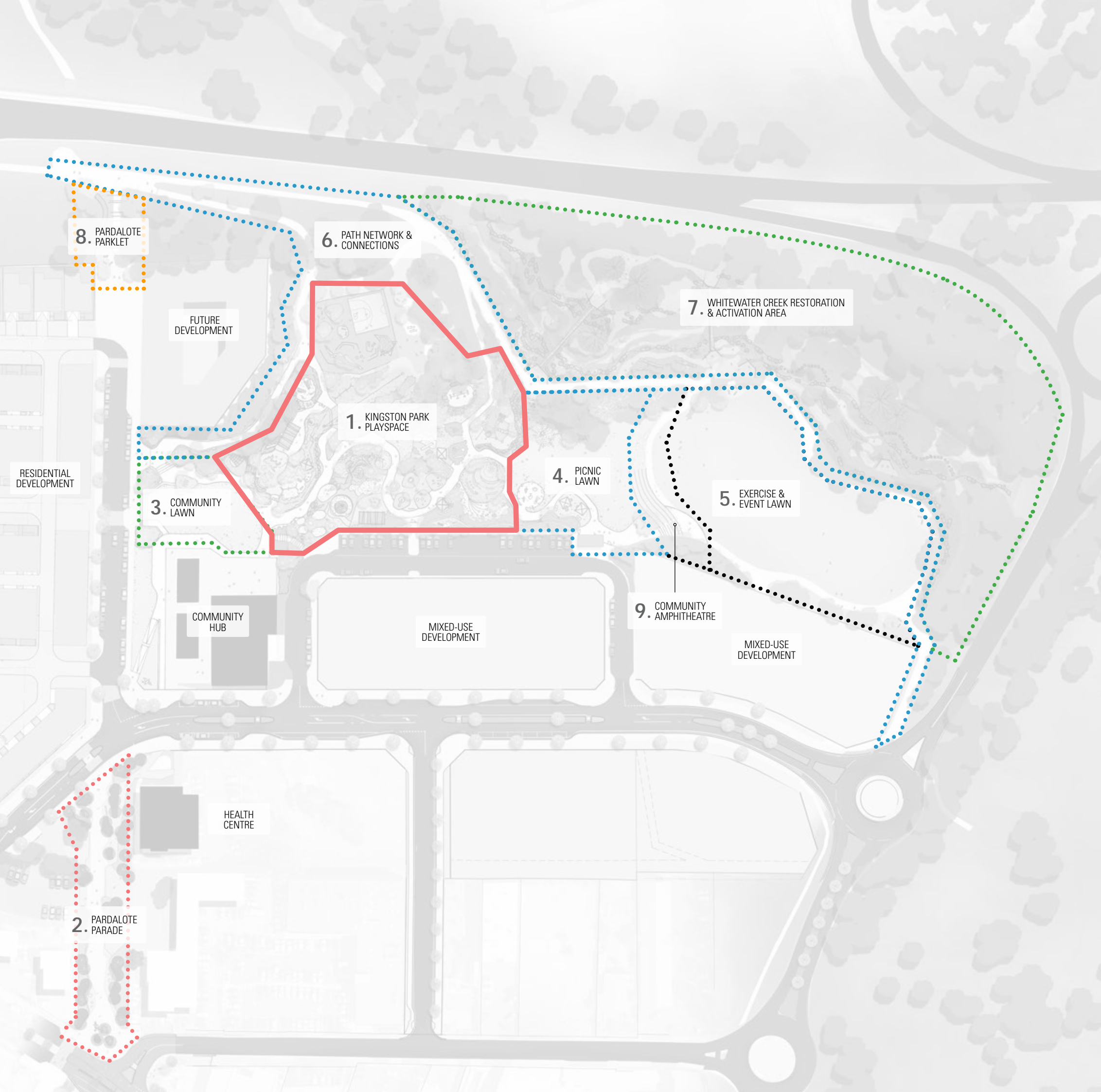
THE MASTER PLAN



9 KEY AREAS

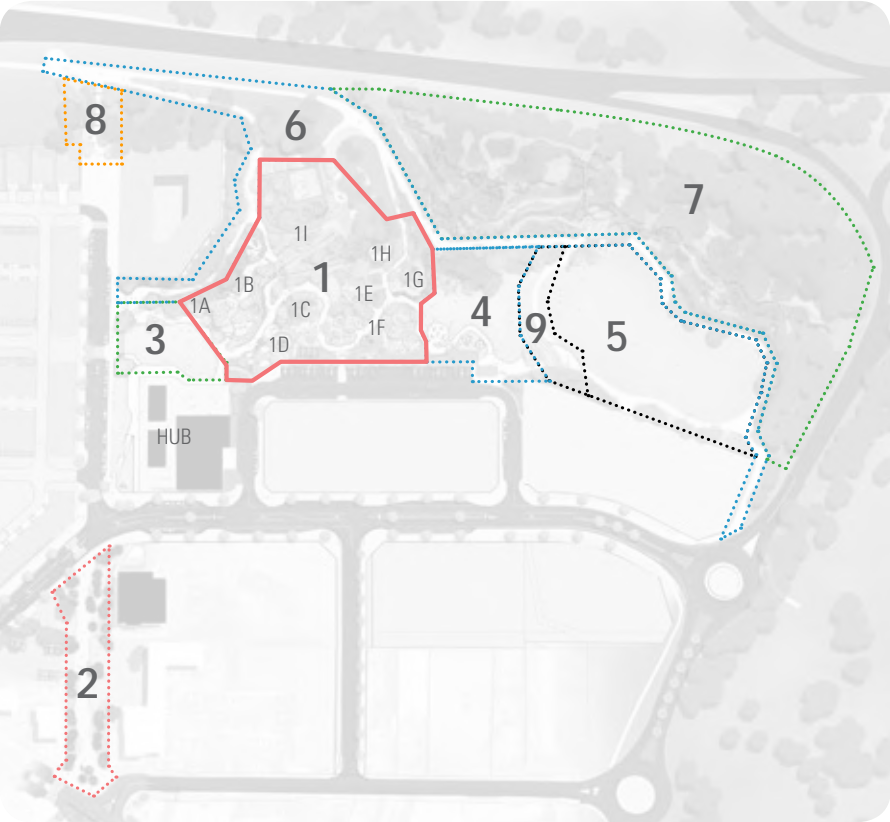
The Kingston Park Openspace Master Plan consists of 9 key areas that offer different functions and recreation. These areas may form the various delivery stages of the master plan over a 10 year period. For example, stage 1 may include the majority of the playspace and community lawn. Pardalote Parade will be constructed shortly after. Other areas will be delivered as funding becomes available.

- 1. Playspace
- 2. Pardalote Parade Pedestrian Spine
- 3. Community Lawn
- 4. Picnic Lawn
- 5. Exercise & Event Lawn
- 6. Path Network and Connections
- 7. Whitewater Creek Restoration & Activation Area
- 8. Pardalote Parklet
- 9. Community Amphitheatre



COMMUNITY REQUESTS/QUERIES

REQUEST/QUERY	MASTER PLAN	RESPONSE	AREA INCLUDED
Lots of shade	Yes	Trees, shelters, urban umbrellas	1, 2, 4, 5
BBQ areas with shelter	Yes	BBQ's (2 stations)	1, 4
Lush grass	Yes	Irrigated lawn areas throughout	1, 2, 3, 4, 5
Places to sit	Yes	Multiple seating nodes spread throughout	1, 2, 3, 4, 5, 7, 8, 9
Fencing to playspace	Yes	Around toddler play area and barrier to car parking	1
Places to explore	Yes	Multiple places to explore throughout	1, 4, 5, 6, 7
Natural theme / nature based	Yes	Captured in custom play elements, design form and planting	1, 4, 5, 7
Birds nest swing	Yes	Tripod Swing located in the 'Eagles Nest'; bird nest swing in Toddler area	1 (1B, 1H)
Flying fox	Yes	Unique Tasmanian bat and insect themed dual flying fox	1 (1I)
Water play	Yes	Custom built water course by Agency of Sculpture located in toddler area Water course telling story of mountain to sea, rock pools with water jets located in Rockpool area	1 (1B, 1C)
Clean up Whitewater Creek	Yes	Rehabilitate and activate with access and activity (concept at this stage)	7
Youth Area/ basket ball	Yes	Re-purpose old sports courts area to include half court, some street skate and parkour elements, seating areas, hammocks and sea saws	1 (1I)
Skate park	No	Council to consider alternative destination for regional skate park. Street skate elements located in Youth area	1 (1I)
Open areas for kicking a ball	Yes	2 lawn areas - 1 medium / 1 large	4, 5
Measured-distance running /walking track	Yes	300m and 1KM loops added	5, overall
Areas to walk dogs	Yes	Loop track with areas for dog on lead paddling, sniffing, bag dispensers, seating areas and drinking stations.	Outer loop
Tracks to connect to greater Kingston	Yes	Connection to Channel Court precinct, Kingston Wetlands and improved access to Whitewater Creek highway underpass	2, 6
Off-lead dog area	No	Due to mixed use nature of precinct - not suitable here. Dru Point and Kingston Beach as primary off lead locations	-
Exercise equipment	Yes	3 exercise nodes added to 300m loop track	5
Exclude dogs entirely	No	Dogs on lead accepted	Outer loop
Bike track / cycle path	Yes	A shared loop trail is included with cycle connectivity to greater Kingston provided. Bike parking stations at key locations	5, 6
Community food gardens	Yes	Small community food garden area included with potential for expansion. A community gathering circle. Aboriginal planting areas throughout site	4
Performance / gathering area for large groups	Yes	2 areas - 1 medium / 1 large	3, 5 + Hub
Cinema/big screen	Yes	Included in the hub. Portable screen option could be set up on lower large grass lawn	Hub
Public amenities	Yes	Public toilets located at the Hub and the eastern end of the carpark	Hub, 4
Swimming pool	No	More appropriate at KSC	
Chill out areas with Cafes	Yes	A cafe is located at the Hub.	Hub
Car parking	Yes	Adjacent playspace - car parking study being undertaken by Council	1
Access for all abilities	Yes	Path network throughout, inclusive play equipment, parking	1, 2, 3, 4, 5, 6
War memorial	No	Existing war memorial site within the immediate Kingston area	
Climbing wall	Yes	Climbing is catered for on the giant sea urchin by Agency of Sculpture	1D
Fence entire playground	Adjusted	In addition to providing a fence along the car parking, the fully fenced toddler play area has been enlarged to incorporate a barbeque shelter and more nature play elements.	1B
Adult size swings	Added	In addition to the bird nest swing, another swing set has been added for older children and adults	1H,1I
Additional toilets to youth area	No	Toilets are located a short distance away at the Community Hub, and at the end of the lower car park	Hub,4
Water park	No	Water play is in two locations in the play space	1B, 1C
Cafe in playground	No	A cafe will be located in the Community Hub	Hub
Quiet areas away from children	Yes	The picnic lawn and areas to the North will be the most quiet	4,5,7,8
Shade	Added	An additional BBQ shelter has been added to the toddler play area. Shade structures are throughout the playspace	1A, 1B, 1C
Equipment (games)	No	Kingborough Council is looking at possibility of lawn games being borrowed from the community hub	
Drinking water	Yes	Drink fountains will be provide throughout	1,2,3,4,5
Big slide structure	Yes	Slides are located in the playspace. A large slide is shown at Pardalote Parklet	1E, 8
Fruit trees	Yes	Fruit tree will be located in the community garden. Aboriginal bush-tucker plants will be throughout the site. Playstreet will look at adding some fruit trees to the playspace design	1,4



Master Plan Areas

1. Playspace

1A Baby area

1B Toddler area

1C Rockpools

1D Sand play

1E Slides & seesaws

1F Spinning & sensory

1G Rope forest

1H Eagle nest

1I Youth area
2. Pardalote Parade Pedestrian Spine
3. Community Lawn

4. Picnic Lawn

5. Exercise & Event Lawn

6. Path Network and Connections

7. Whitewater Creek Restoration Area

8. Pardalote Parklet

9. Community Amphitheatre

Hub. Kingborough Community Hub building

Public Review Feedback

The public review period of the draft Master Plan report ended on 12 May 2019. All comments are in the Community Consultation Report.

Requests and queries relevant to the Kingston Park Master Plan and not already listed have been added to the table (left) and coloured yellow. Many suggestions and queries were already addressed in the upper section of the table.

As a result of the public feedback the fully fenced Toddler Play area has been expanded to encompass a barbeque area and additional nature play.

Although a number of comments were not relevant to the scope of this master plan, they have been recorded and Kingborough Council will endeavour to address them in the future.

An aerial site plan of a park or campus area. The plan shows various buildings, including a large rectangular building in the center, a smaller building with a circular feature to its left, and a large building with a circular feature to its right. There are also several smaller buildings and structures scattered throughout. The plan includes a network of paths, some of which are highlighted in red. There are also several green spaces, including a large circular area in the upper right and a smaller circular area in the lower right. The text "04 NINE KEY AREAS" is overlaid in red on the plan.

04 NINE KEY AREAS

1 KINGSTON PARK PLAYSPACE

Benchmark in nature-based play

Designed to be ‘uniquely Kingborough’ Kingston Park playspace draws on the natural Tasmanian environment, Aboriginal history and way of life, as well as contemporary approaches to play.

The playspace will provide play opportunities for all ages and abilities and consist of zones specifically designed for babies, toddlers, primary-aged children and teenagers, and offering a range of genres of play inspired by animals and habitats native to Kingborough. See Playspace Concept section 6.

Character

- Unique
- Nature play
- Wild
- Natural material
- Animals
- Habitat

Types of play

- Water play (including water courses, splash pad and rock pools)
- Sand play – fossil dig and sand play equipment
- Spinning play – Supernova, wheelchair carousel and spinning seesaw
- Swings – Tripod swing and swing set including You&Me and bird nest swing
- Flying fox
- Rope course
- Musical play
- Street skate and parkour elements
- Rock hops
- Log balancing

Use

- Babies
- Toddler
- Children
- Teenagers
- Adults / Elderly
- School groups

It is encouraged that Council workers play an active role in creating play opportunities such as providing materials for cubby making.

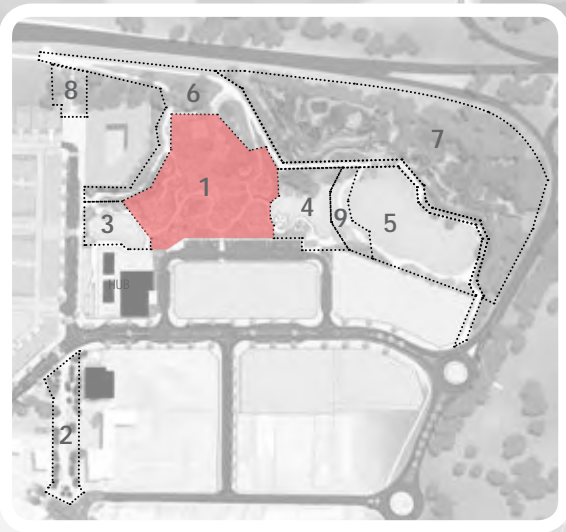




IMAGE 01



IMAGE 02



IMAGE 03



IMAGE 04



IMAGE 05



IMAGE 06

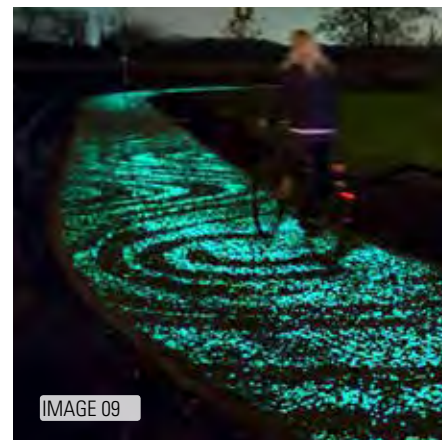


IMAGE 07

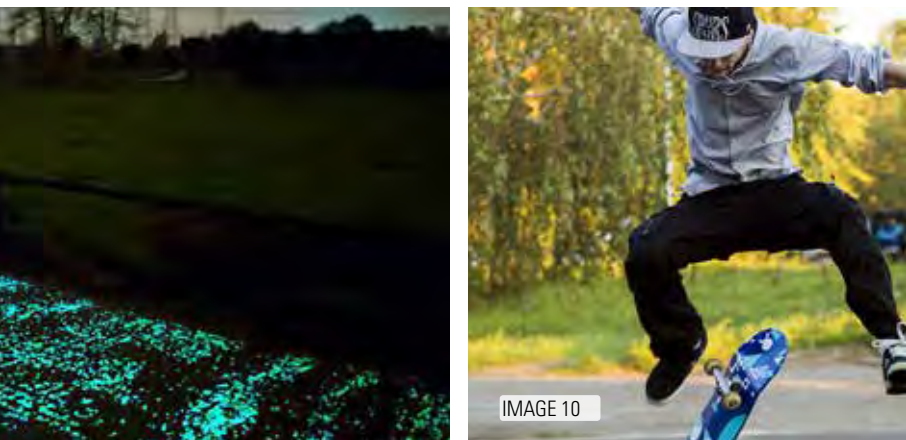


IMAGE 08



IMAGE 09



IMAGE 10



IMAGE 11



IMAGE 12



IMAGE 13



IMAGE 14

2 PARDALOTE PARADE

Connecting town to the parkland

Pardalote Parade is the pedestrian spine connecting Kingston CBD with the new Community Hub, Park and future commercial and residential developments. The space works as both a thoroughfare for pedestrians and cyclists, and as a place to sit and relax.

Character

- Spatial form inspired by the geology that creates Browns River
- Eclectic plant palette inspired by botanist and explorer Robert Brown
- Urban
- Transitional
- Shared (cyclist and pedestrian)

Use and activation

- A space for workers to go to have their lunch
- A thoroughfare to the Community Hub and parklands
- Markets
- Street food

Features

- Generous width
- Universally accessible grades
- Sculptural wayfinding elements that link thematically to the playspace
- Plenty of seating
- Lawn areas
- Shade trees
- Lighting
- Opportunities for active building frontages

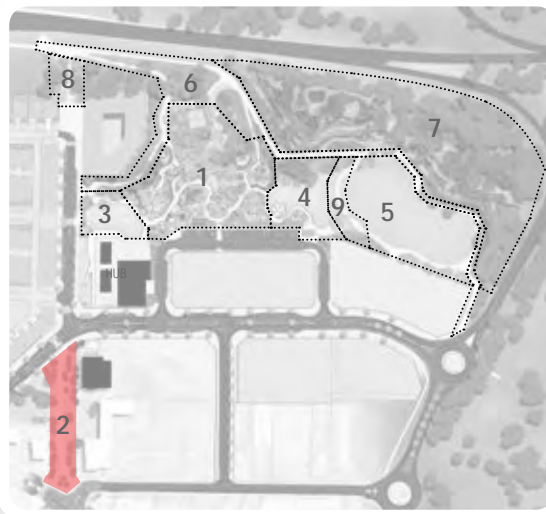




IMAGE 01



IMAGE 02



IMAGE 03



IMAGE 04



IMAGE 05



IMAGE 06



IMAGE 07



IMAGE 08



IMAGE 09

3

COMMUNITY
LAWN

The backyard to the Community Hub

As the backyard of the Community Hub, the lawn extends the program capacity of the Hub and provides a premier multi-functional lawn space for Kingborough residents.

Character

- High quality
- Looks into the Community Hub plaza
- Busy

Use & activation

- Picnicking
- Food truck dining
- Markets
- Community Hub event spill out
- Moonlight Cinemas

Features

- High quality lawn
- Perimeter path
- Compliant seating node
- Seat height edge walls
- Connection to new shared path to the North

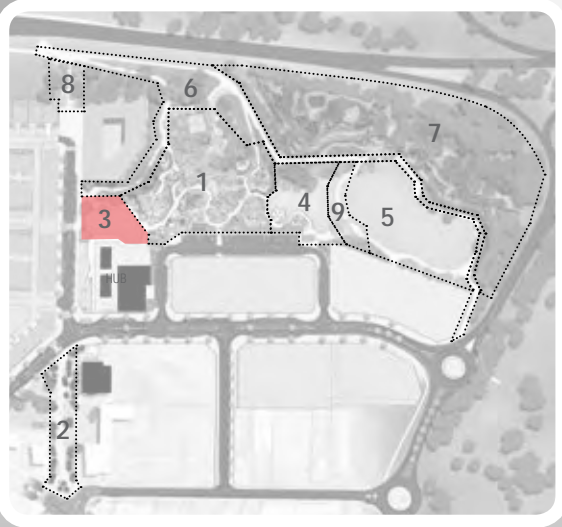




IMAGE 01



IMAGE 02



IMAGE 03

4 PICNIC LAWN

A place to gather and relax

The picnic lawn offers a space out of the hustle and bustle of the playspace and Community Hub area. Included in this area is a gathering circle — a culturally important space for both first nations and second nations people to meet and share — and the community garden — especially important for future apartment dwellers in the area.

Character

- Park
- Edge of nature
- Quite
- Community focused

Use & activation

- Picnicking
- Barbeques
- Cultural events at the Gathering Circle
- Tai Chi /Yoga
- Birthday parties

Features

- Gathering Circle
- Community Garden
- Barbeque area
- Public toilet
- Shade

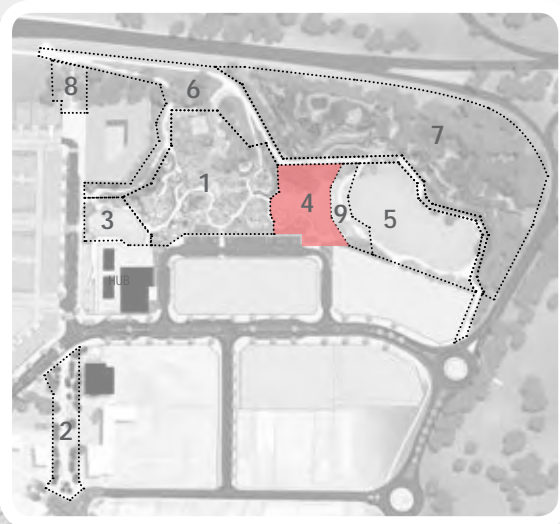




IMAGE 01



IMAGE 02



IMAGE 03



IMAGE 04



IMAGE 05



IMAGE 06



IMAGE 07

5 EXERCISE & EVENT LAWN

A large and flexible open space

The exercise and event lawn is a broad multi-functional community space that offers the opportunity for holding public events, exercise and catch-and-kick.

Character

- Broad lawn area
- Natural backdrop of Whitewater Creek bush
- Strong topographic change between upper and lower lawn areas

Use & activation

- Active exercise
- Running and walking on flat 300m track
- Catch and kick
- Frisbee
- Community events
- Music and theatre utilising amphitheatre and lawn embankment

Features

- Exercise equipment nodes
- Large lawn for casual ball sports
- Connects to amphitheatre with shade structure
- Close to public toilets
- Flat path for running
- 300m loop track



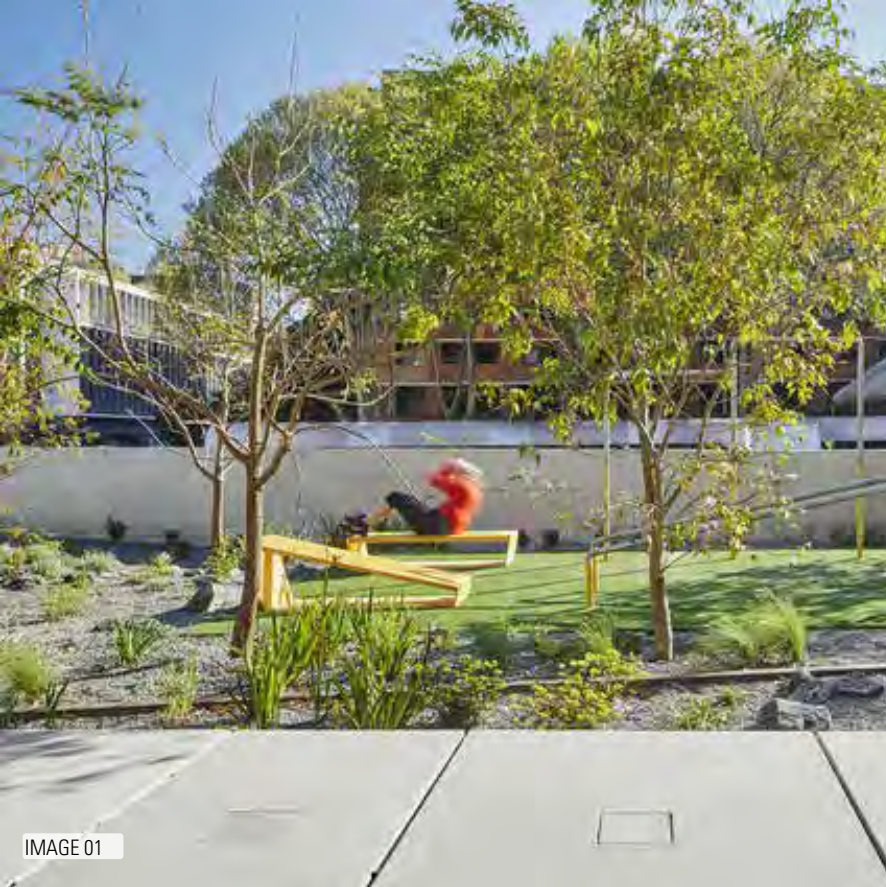


IMAGE 01



IMAGE 02



IMAGE 03



IMAGE 04



IMAGE 05

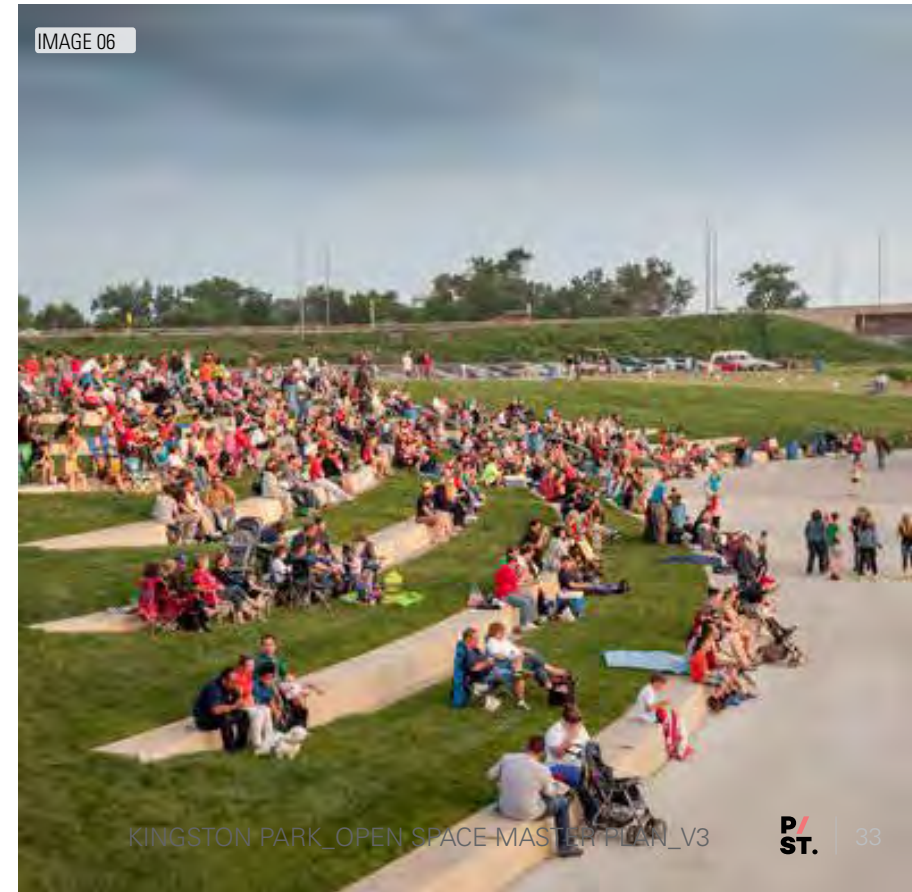


IMAGE 06

6 PATH NETWORK & CONNECTIONS

An improved path network

A fundamental part of the Kingston Park Open Space Master Plan is an improved path network through the upgrade of the Whitewater Creek Trail and a new shared bike path connecting Pardalote Parade with the highway underpass.

Character

- Generous path width to allow for comfortable use for both cyclists and pedestrians
- Dense native planting edges

Use & activation

- Walkers
- Runners
- Cyclists
- Dog-walkers

Features

- Resurface existing Whitewater Creek Trail within Master Plan extent
- Improved existing path levels to ensure DDA compliance
- Create a new separated shared pedestrian, bike path connecting Pardalote Parade to the Whitewater Creek Trail and highway underpass
- Create a new path on the higher level of the Exercise & Events Lawn to reduce the likelihood of flood water inundation
- Re-vegetate path edges





IMAGE 01



IMAGE 02



IMAGE 03



04 NINE-TY AREA5

IMAGE 04



IMAGE 05

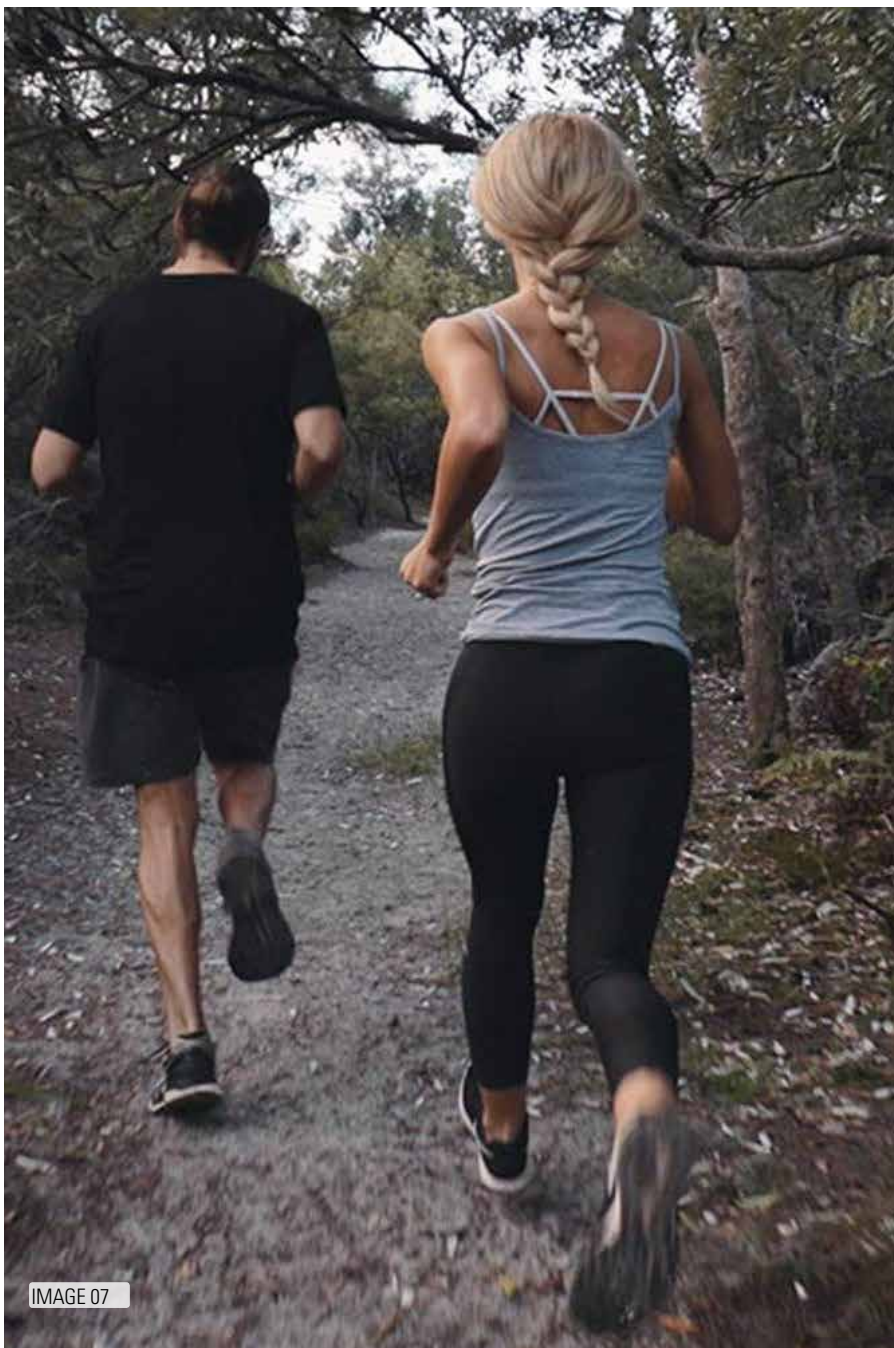


IMAGE 07



IMAGE 06



IMAGE 08

7 WHITEWATER CREEK RESTORATION & ACTIVATION

An exciting waterway restoration project

As the upstream connection to Kingston Wetlands, the Kingston Park portion of Whitewater Creek has been earmarked for restoration, remediation and public activation. This project offers the opportunity to create an exemplar urban waterway restoration project.

Character

- Wild
- Natural
- Bush
- Adventure

Use & activation

- Wildlife habitat
- Adventure play
- Dog snifari
- Education
- Walkers

Features

- Two rope bridges activate the Northern bank of Whitewater Creek
- Exemplar creek waterway restoration works with improved water quality
- Retains existing trail as secondary “bush” path
- Creek view platforms
- Access down to water for wading
- Additional indigenous planting and weed management





IMAGE 01



IMAGE 04



IMAGE 02



IMAGE 03



IMAGE 05



IMAGE 06

8

PARDALOTE PARKLET

The Northern gateway

Pardalote Parklet marks the northern end of the Parade and a key point of interest for passing motorists and Whitewater Creek Trail users. A grand, sculptural staircase is proposed to traverse the embankment from Pardalote Parade at the upper level, down to the highway underpass below. It also presents an opportunity for an iconic play piece, such as large embankment slide, that will increase activation, and provide a landmark to attract the interest of passers-by.

Character

- Large and sculptural to draw attention from passing motorists
- Playful (such as a large embankment slide) that will activate the area

Use & activation

- Play
- A place to stop while walking the Whitewater Creek Trail

Features

- A large sculptural play element to both draw attention from passing motorists and Whitewater Creek Trail users
- Large feature staircase marking the beginning/end of Pardalote Parade
- Parklet at the end of Pardalote Parade with trees and seating





IMAGE 01



IMAGE 02



IMAGE 03



IMAGE 04

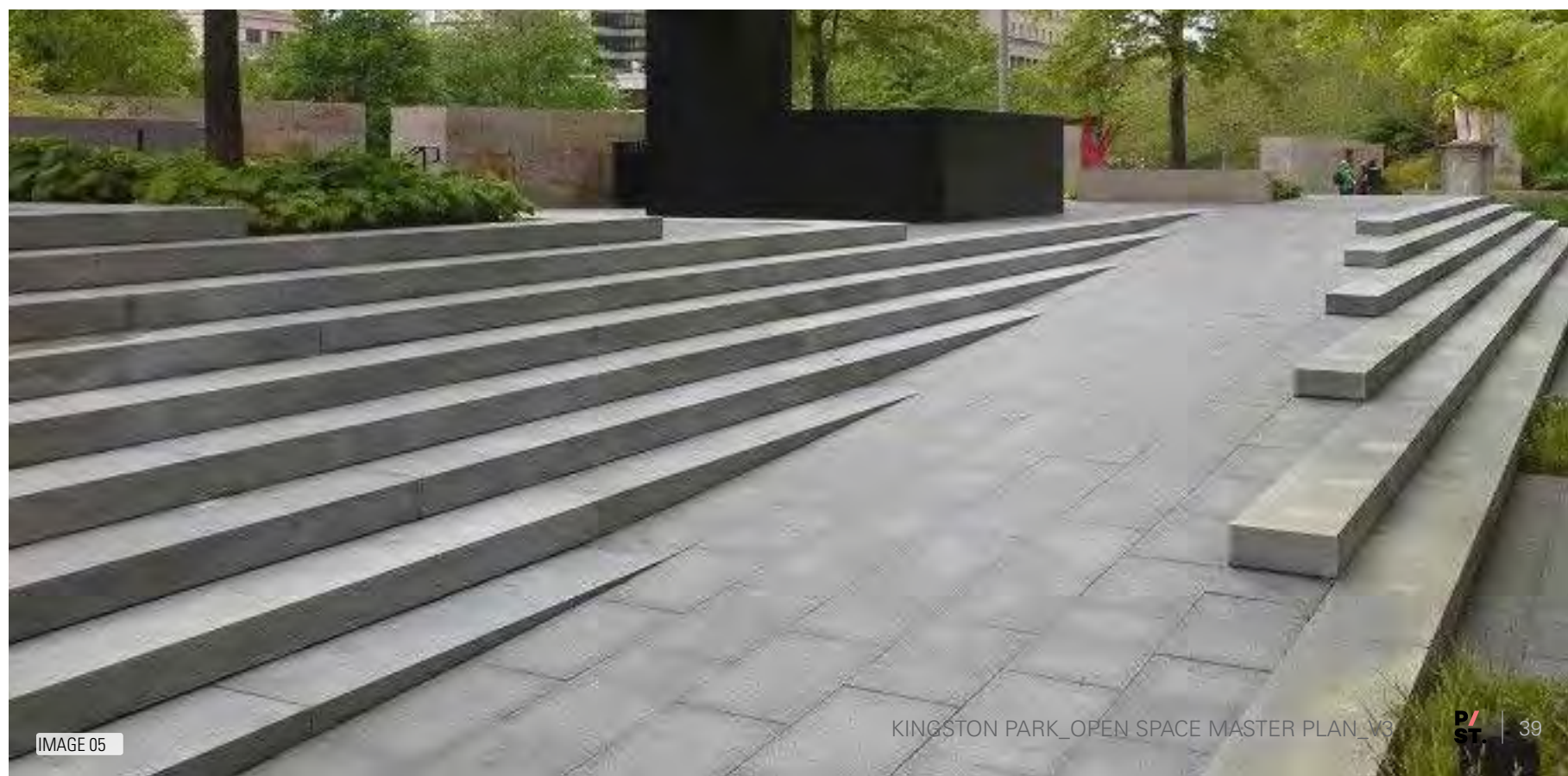


IMAGE 05

9

COMMUNITY AMPHITHEATRE

Kingston’s Community Event Space

With a beautiful architectural design, Kingston Community Amphitheatre will become the new home to public events such as Carols by Candlelight and performances. Its robust design will offer seating to over 500 people. The adjacent grass embankment will act as an event spill-out space.

Character

- Architectural
- Robust
- Beautiful

Use & activation

- Community events and shows
- Casual seating

Features

- Large shade structure
- Terrace seating
- Staircase
- Event power





IMAGE 01



IMAGE 02



IMAGE 03



IMAGE 04



IMAGE 05



IMAGE 06

PLAYSPACE ARTIST IMPRESSION



PLAYSPACE ARTIST IMPRESSION





05 MASTER PLAN IN DETAIL

ACCESS & CIRCULATION

Access for all

One of the primary objectives of the master plan is to create a universally accessible path network within the site that will lead to improving paths and trails further afield, such as the adjoining Whitewater Creek Trail and future connection to Kingston Wetlands.

All pathways within the site are less than 1:20 grade and according to Australian Standards. Whilst stairs offer a more direct route, an optional walkway is always available, in addition to vehicle drop-off points at most of the park entry points.

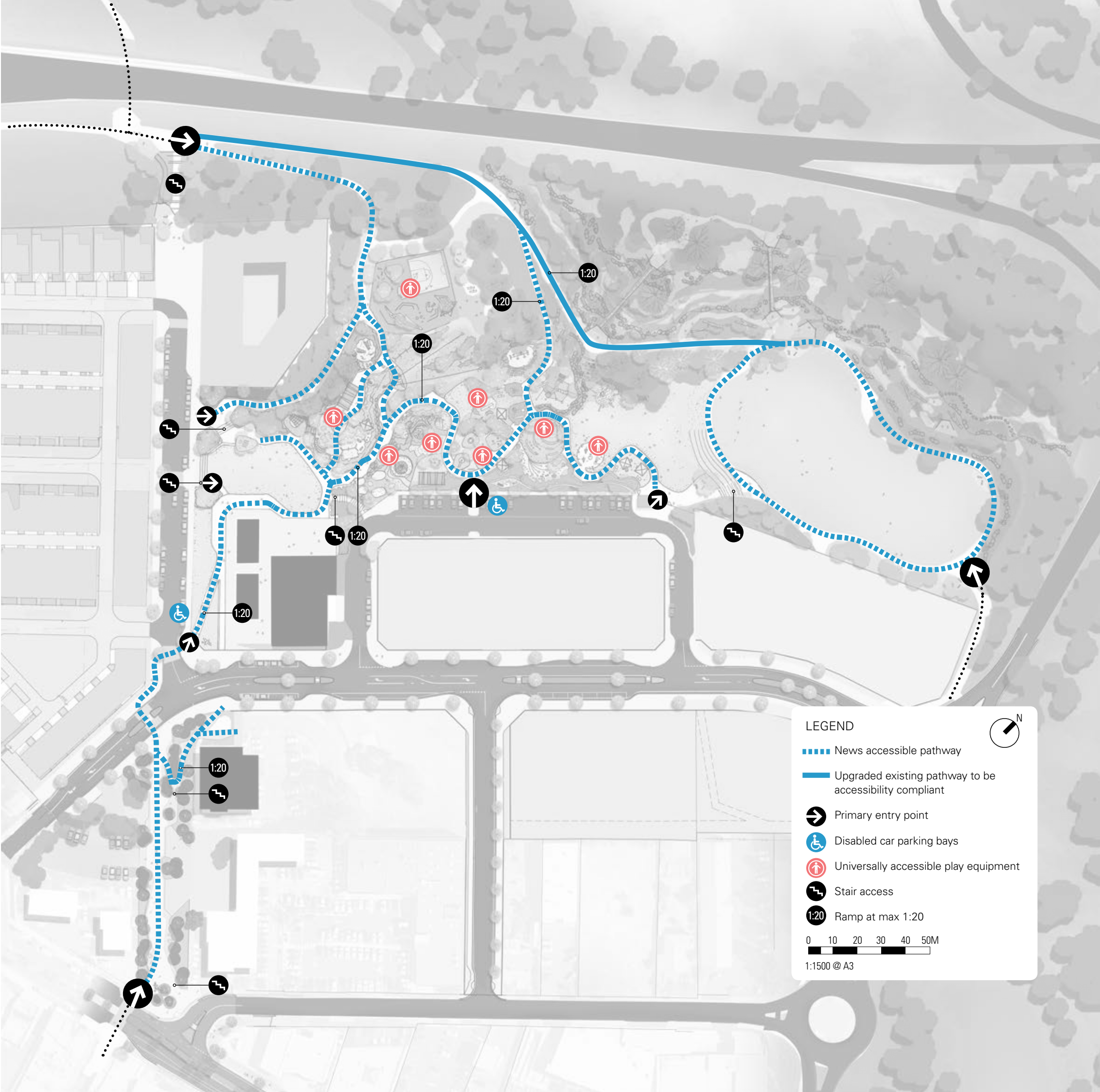
Disabled parking bays are located on Pardalote Parade, adjacent the Community Hub, and at the main playspace entry at the lower car park.

Universal play

Connected by an accessible path network, many elements within the playspace design are universally accessible, such as swings, carousels, slides and more.

Access point

The primary access points are located at the Channel Highway end of the Pardalote Parade, the playspace car park entry, the Southern Outlet underpass and the extension of the Whitewater Creek Trail that connects to the Kingston Wetlands. Minor entry points are located along Pardalote Parade – connecting to the future residential development – and the eastern end of the car park.



LEGEND

News accessible pathway

Upgraded existing pathway to be accessibility compliant

Primary entry point

Disabled car parking bays

Universally accessible play equipment

Stair access

1:20

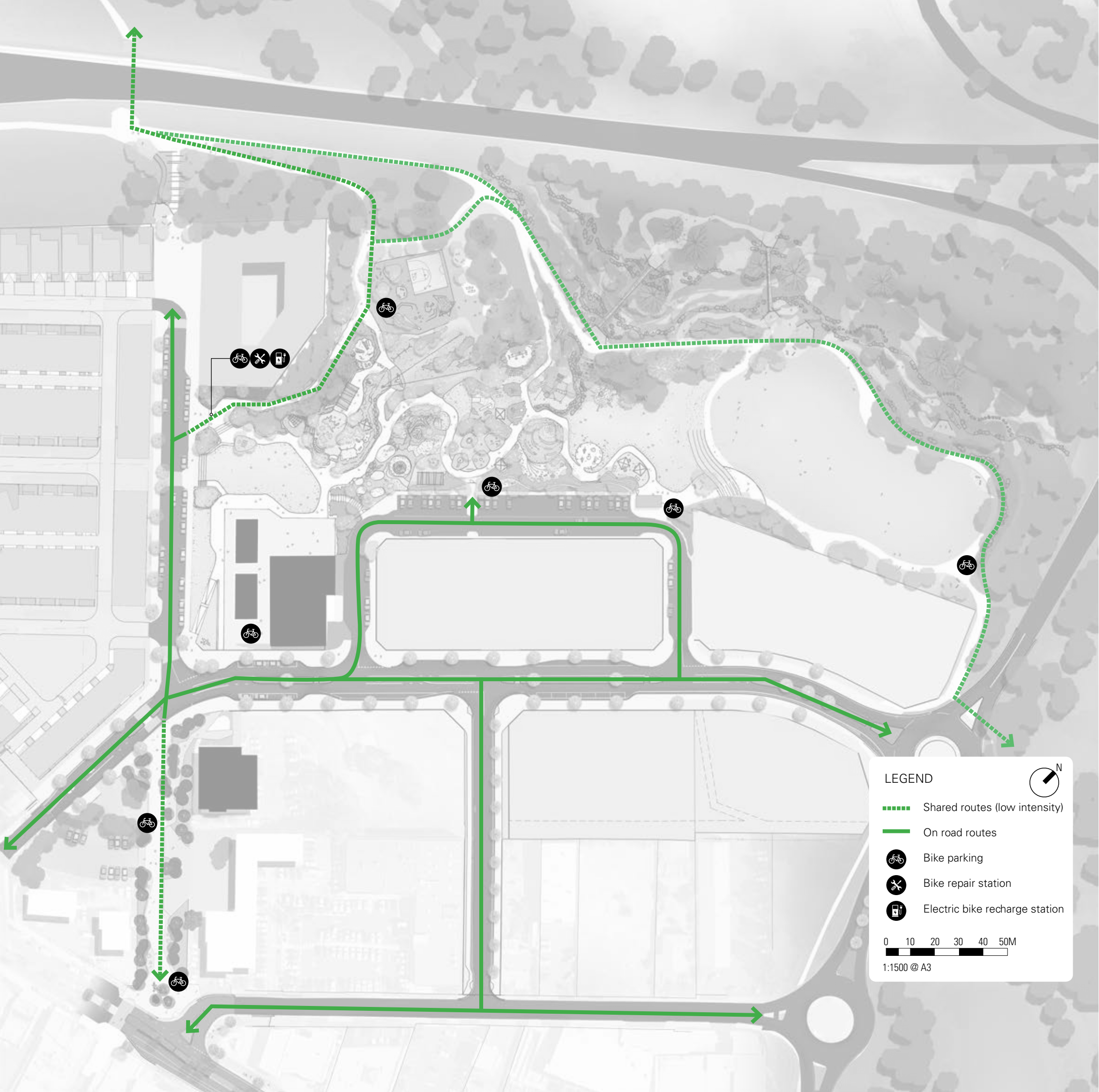
Ramp at max 1:20

01020304050M

1:1500 @ A3

CYCLING

- Shared path thoroughfare, that avoids the playspace, connecting Kingston CBD with the Whitewater Creek Track
- Wide shared path via Pardalote Parade
- Upgraded (surface and width) of Whitewater Creek Track before the underpass
- Clear bike signage and wayfinding
- Adequate bike parking in key locations
- Bike repair station
- Electric bike recharge station



PUBLIC AMENITY

Seating and Picnic Tables

Various forms of seating are scattered throughout the site. Located in close proximity to the various play areas allowing parents and carers to keep an eye on playing children.

Seating nodes marked on the plan consist of standards compliant seating (arm and back rests) and/or bench seats, and some cases picnic tables. Informal seating opportunities are also scattered throughout the site (not shown on plan), including using nature-based elements such as boulders and logs.

Shelter

- **Tree canopy cover** - The long term strategy is to provide shade/sun from increased canopy cover over the site. Deciduous trees will be strategically placed to allow shade in summer and sun access in winter.
- **Small shade structures (such as umbrellas)** - These cost-effective structures will be located within various play zones and will provide sun shade and some shelter from unexpected rain.
- **Barbeque shelters** - large shade structures will provide shelter from all weather
- **Play elements** - Some of the play elements such as the sea urchin cubby offer children respite from the sun
- **Community Hub** - The large atrium roof of the community hub will also provide valuable shade amenity for those visiting Kingston Park.

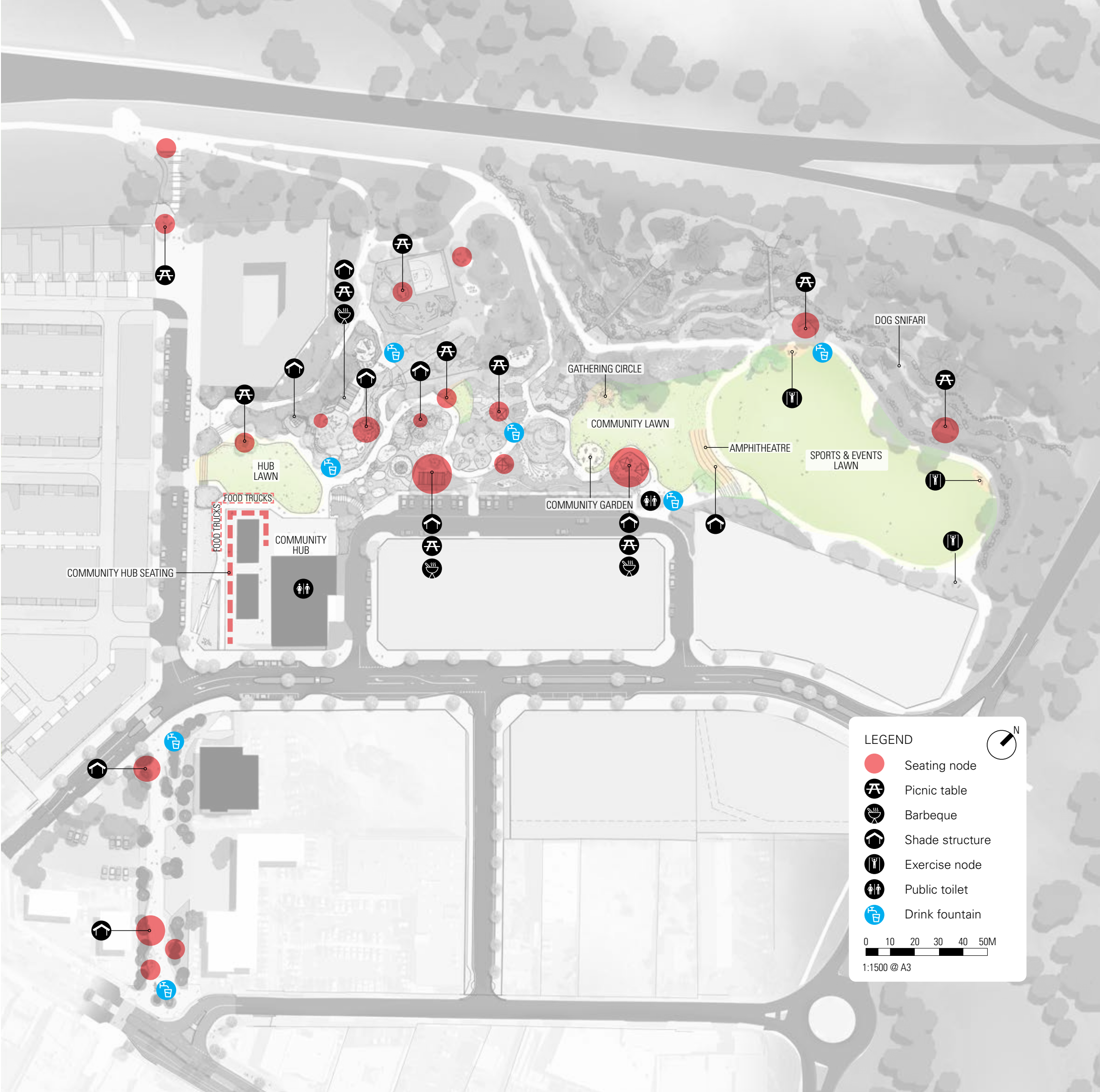
Barbeques

Three barbeque areas, with overhead shelter and double barbeque fixtures are to be located at either end of the car park.

The upper barbeque area (added after the public review period) offers spectacular views over the parkland, and provides a fully fenced playspace for those who need it.

The southern barbeque area offers an overview of the adjacent playspace, allowing for families to cook, eat and supervise children while playing - providing a great location for family gatherings such as birthday parties.

The northern barbeque area offers the same cooking and eating amenities as the southern area, though with its adjacency to the Community Lawn it allows for larger groups to spill out onto the lawn, as well as space for picnicking and family lawn-games such as Finska, Giant Jenga or Molkky.



LEGEND

Seating node

Picnic table

Barbeque

Shade structure

Exercise node

Public toilet

Drink fountain

0

10

20

30

40

50M

1:1500 @ A3

SPORTS & RECREATION

300M Exercise Track

- Lower lawn
- Fully paved surface
- Flat
- Connects exercise equipment nodes

Good for people who want a consistent surface and measurable distance for exercise.

Low Impact Loop

- Through the centre of the playspace
- DDA compliant grades
- No stairs

Good for elderly, people with disabilities, people with small children and children on bikes.

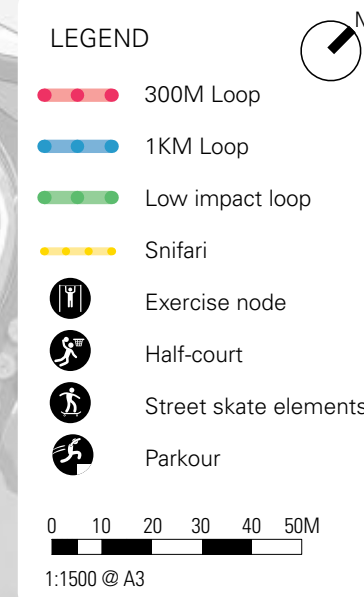
1KM Loop

- Loop outside of the playspace
- Diverse conditions such as fully paved surfaces, stairs and gravel tracks.
- Includes seating area outside of playspace fence with drink fountain and dog bowl.

Great for dog-walkers (connects to Snifari), long distance/cross-country training, and people out for a scenic walk.

Snifari

- A place for dogs to stop and explore
- Located off the 1KM loop



EVENTS

1. Community Hub Lawn

Area	1000m2 (+ 400m2 Community Hub)
Standing events	1000 people at 1 person/1m2
Ground seating	500 people at 1 person/2m2
Markets	40 market sites (3x3m each)

1000m2 (approx.) lawn and concrete in addition to the existing Community Hub plaza space of 400m2 (approx).

The Community Lawn can be utilised as an extension to the Community Hub event space and in isolation for lawn based events.

Event spill out space for events run in the Community Hub plaza such as moonlight cinema, markets etc.

2. Lower Event Lawn

Area	5000m2
Standing events	5000 people at 1 person/1m2
Ground seating	2500 people at 1 person/2m2
Markets	200 market sites (3x3m each)

3. Amphitheatre

Terrace Area	160m2 terrace seating
Lawn Area	130m2 lawn embankment
Seated events	580 people at 1 person/0.5m2. An additional 150m2 in front of the terrace seating could be set up with removable seating.

The Amphitheatre provides an opportunity for various sized events, from small gatherings occupying the lower terraces to larger events utilising full staged set ups. The space is serviced with 3 phase power and service vehicle access.

4. Gathering Circle

Event area	350m2
Standing	175 people at 1 person/m2
Seated events	580 people at 1 person/0.5m2.

The Gathering Circle is acts as both a formal and informal event space, tailored towards cultural events.

Note: All areas and event capacities are approximations



LEGEND

- Lawn areas
- Amphitheatre
- Cultural space

0 10 20 30 40 50M
1:1500 @ A3



PUBLIC ART OPPORTUNITIES

Whitewater Creek Sculpture Trail

The proposed Whitewater Creek Sculpture Trail begins at Kingston Wetlands and follows Whitewater Creek through Kingston Park and beyond.

Opportunities include:

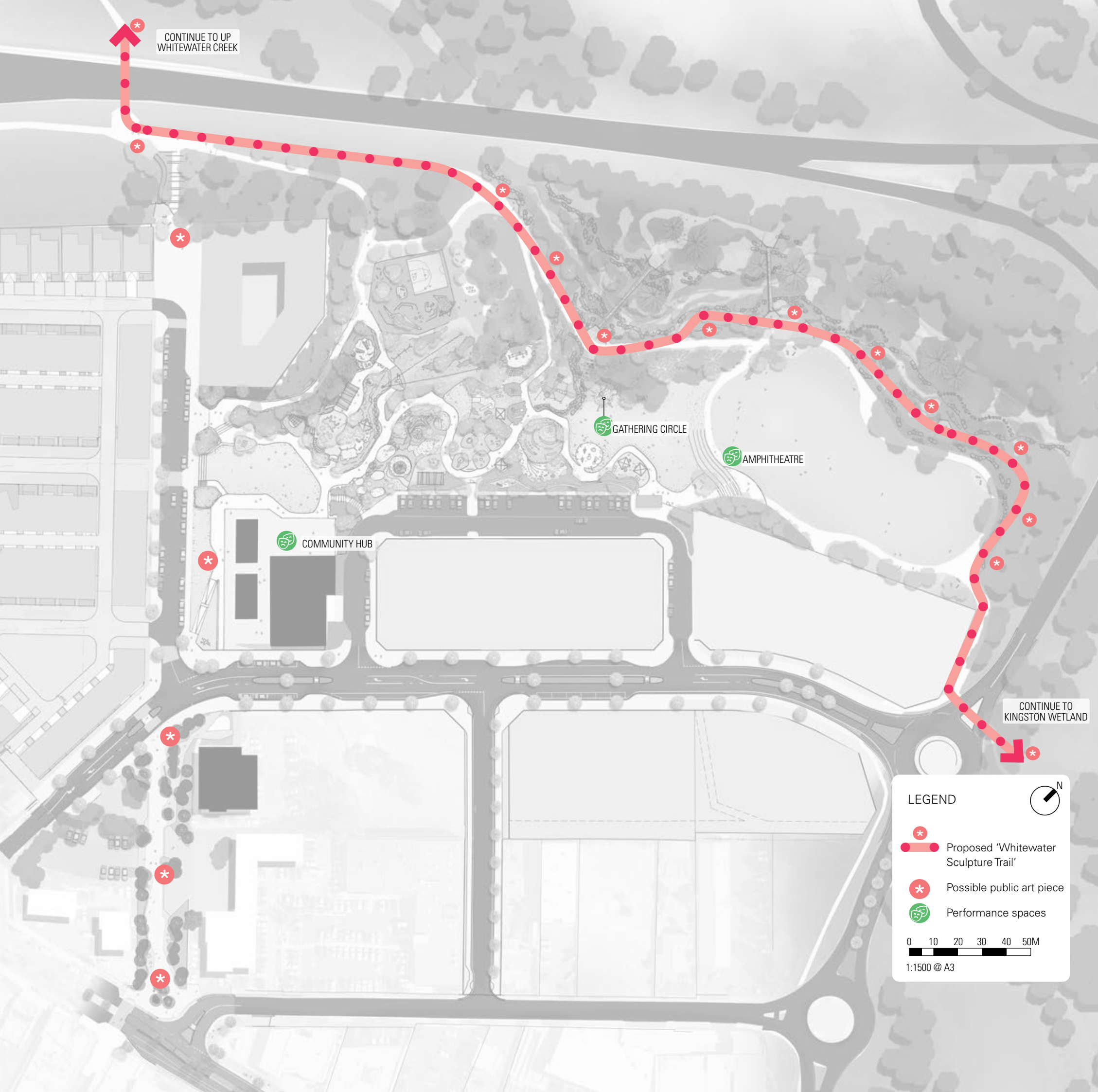
- Activate and increase visitation to Kingston Wetlands
- Promote the existing Wetland sculptures
- Annual/biannual sculpture festivals
- Promote local art
- Showcase Whitewater Creek remediation works
- Regional attractor
- Activate Whitewater Creek and improve evening use
- Evening activation

Public art locations

Separate from the proposed Whitewater Creek Sculpture Trail, the ‘possible public art piece’ locations marked on the diagram indicate possible locations for Kingborough Council-commissioned pieces for Kingston Park. These art pieces should speak strongly to the place and may follow the themes presented in this master plan.

Performance spaces

Kingston Park will offer public performance spaces in a range of sizes from an intimate gathering circle for small groups to meet, talk and conduct ceremonies, to the larger event spaces of the Community lawn, Amphitheatre and event lawn to the east.



PLANTING APPROACH

Where urban meets nature

The curving path running through the centre of the site defines the edge between *Nature* (represented with native trees) and *Urban* (exotic deciduous tree species). These two distinctly different canopy types are tied together through a predominantly native under-storey plant palette.

For all seasons

Deciduous trees are located through most of the play areas providing shade in summer and allowing sunlight in winter. This also corresponds to the “sunny side of the site”. Deciduous trees will also provide seasonal colour.

Bush-tucker

- Playstreet is working with Aboriginal people to develop a bush-tucker and medicinal planting palette

BIODIVERSITY

- Diverse native plant palette
- Select plants with high habitat value for endemic animals species
- Work with Kingborough Council bushland nursery to ensure a plant palette that prioritises native and endemic species

* Tree safety and maintenance

Whilst care will be taken to only specify trees that are suitable for the public realm, regular arborist inspections will be fundamental to maintaining a safe parkland.

Notional plant palette only



Understory planting

Notional plant palette only



STORMWATER MANAGEMENT

Water Sensitive Urban Design (WSUD)

WSUD initiatives include:

- Manage the majority of water within the site through vegetated swales, rain gardens and permeable surfaces
- Use water wisely - all water play using town water supply will be button or pump activated meaning it will require physical activation to run
- Maximise permeable surface materials to allow water to infiltrate the landscape and provide passive irrigation
- Maximise summer tree cover to minimise evaporation
- Utilised drought tolerant plant species that require minimal irrigation
- Educational opportunities for people to learn about WSUD both on the site and through increase accessibility to the future Whitewater Creek restoration area.

Note: Engineering studies and detailed design will be required to confirm suitability of approach.



LEARNING

An open space rich in local stories and culture results in diverse and relevant learning opportunities.

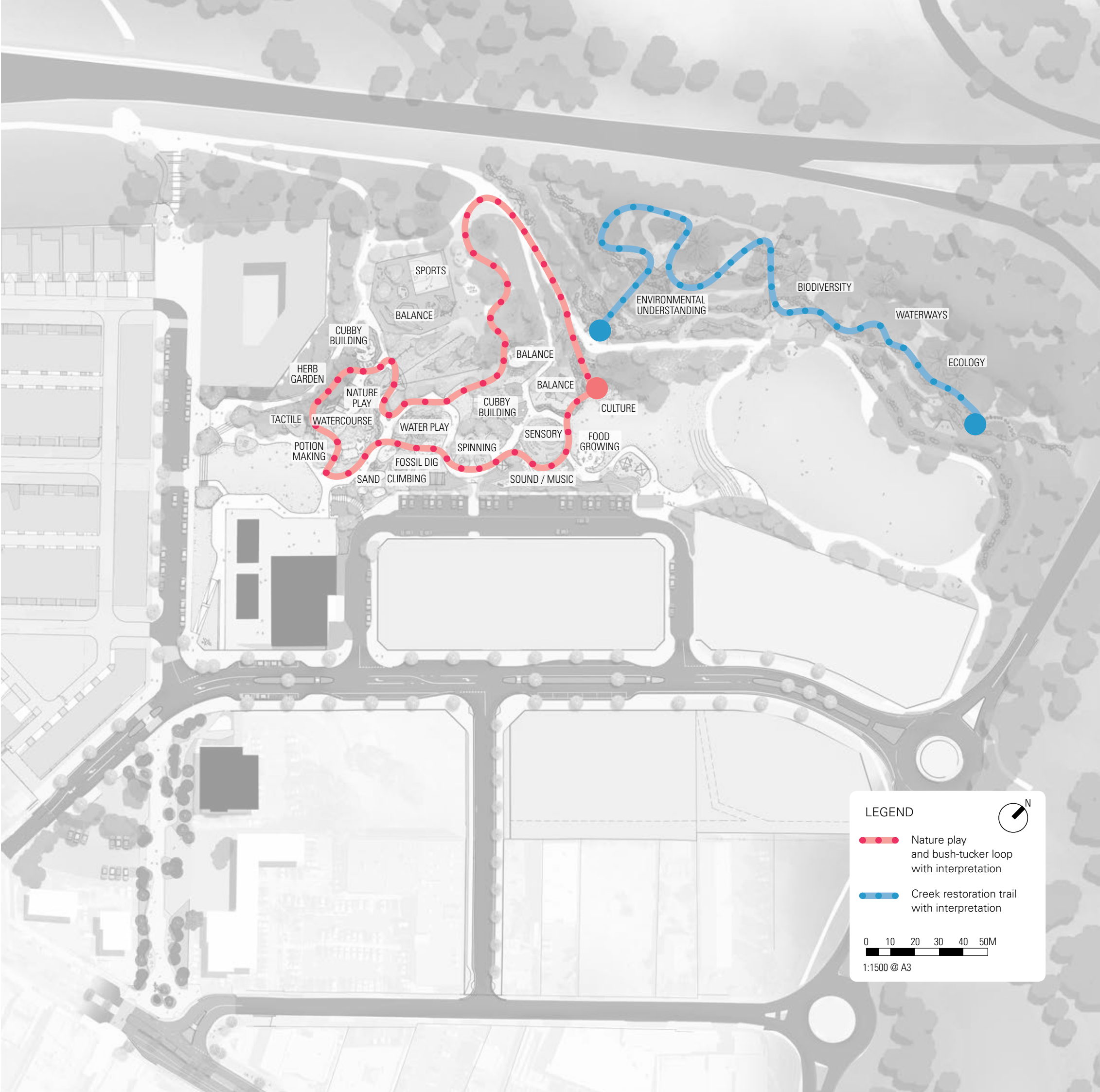
The playspace concept, based around various creatures and habitats native to the Kingborough municipality, provides opportunities for educational interpretive signage throughout the space, whilst the restoration works to Whitewater Creek will offer a valuable opportunity to teach residents of the importance and public benefits of healthy waterways.

The opportunity for learning and education was a topic raised throughout the community consultation process. Nature play groups were excited by the opportunity to utilise Kingston Park for their events and tours.

Local Aboriginal people have indicated they too would use the parkland for the running workshops and edible plant tours to teach about the various edible and medicinal plants throughout the site. An expert in bush-tucker and medicinal plants will be advising throughout plant design process.

Key learnings

- Aboriginal cultural awareness and respect
- Bush-tucker and medicinal plants
- Local plants and animals
- Early years learning
- Gross motor-skill development
- Sensory and mindfulness
- Texture and colour
- Enquiry / Exploring
- Social interaction



LEGEND

- Nature play and bush-tucker loop with interpretation
- Creek restoration trail with interpretation

0 10 20 30 40 50M
1:1500 @ A3



SIGNAGE

Park maps

Gateway signage including a park map, directions and regulatory signs will be provided at all primary entry points to Kingston Park.

Directional signage

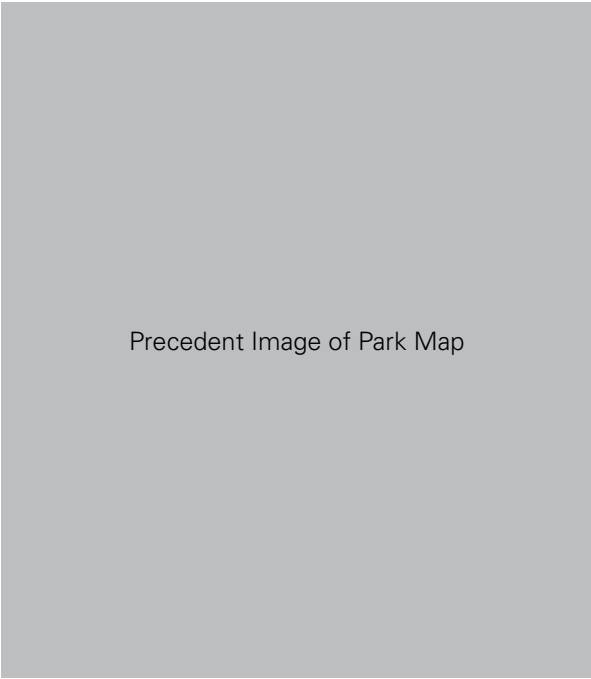
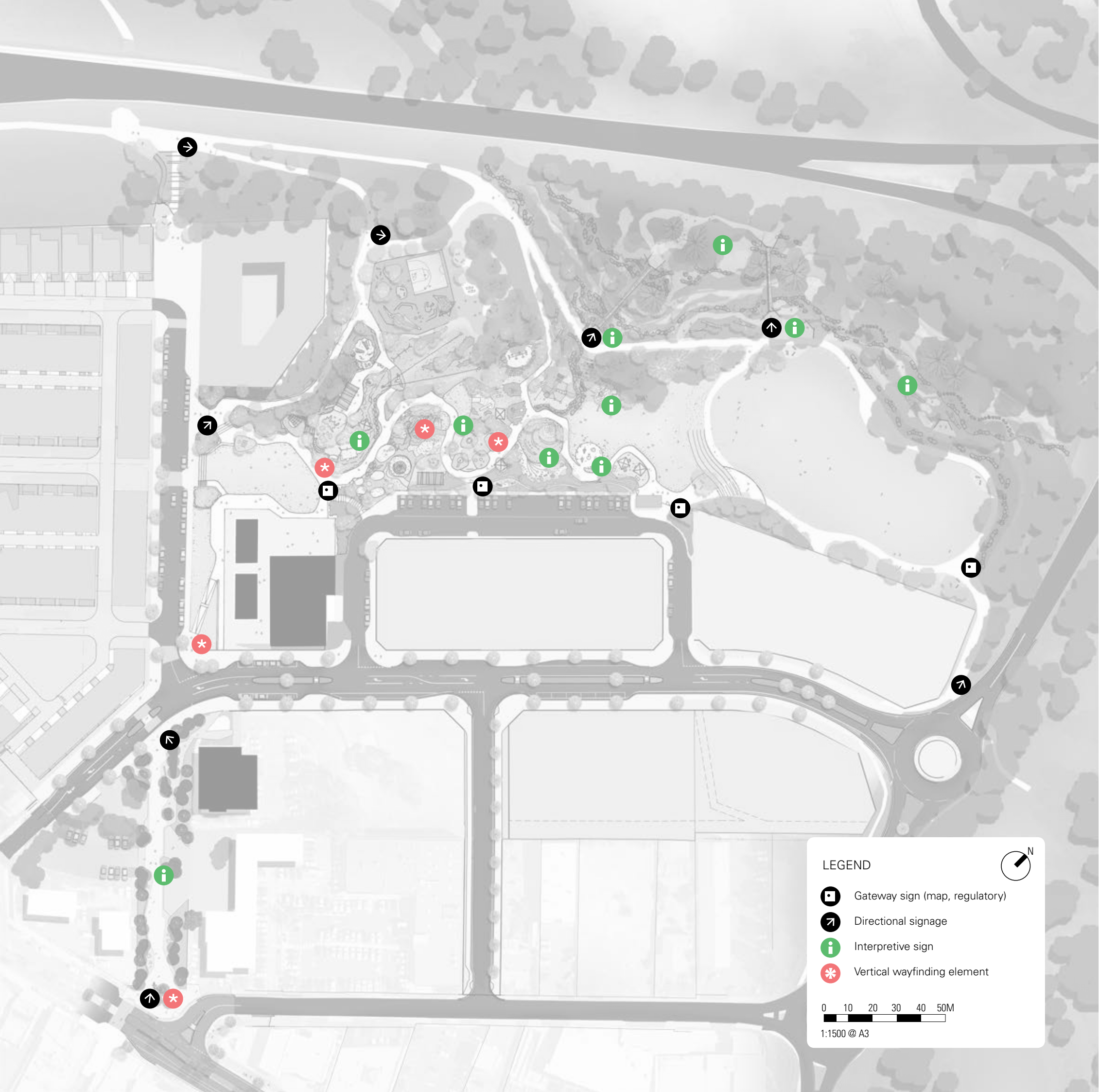
Wayfinding directional signs will be located at key path intersections within the site, and at secondary entry points. Signs may also include some regulatory symbols such as ‘dogs on leash’ and ‘no smoking’.

Wayfinding elements

Tall interactive sculptural element will playfully lead visitors through the site, marking the entry to Pardalote Parade at the Channel Highway, the corner of Goshawk Way, the beginning of the playspace, the water play area and the sensory garden.

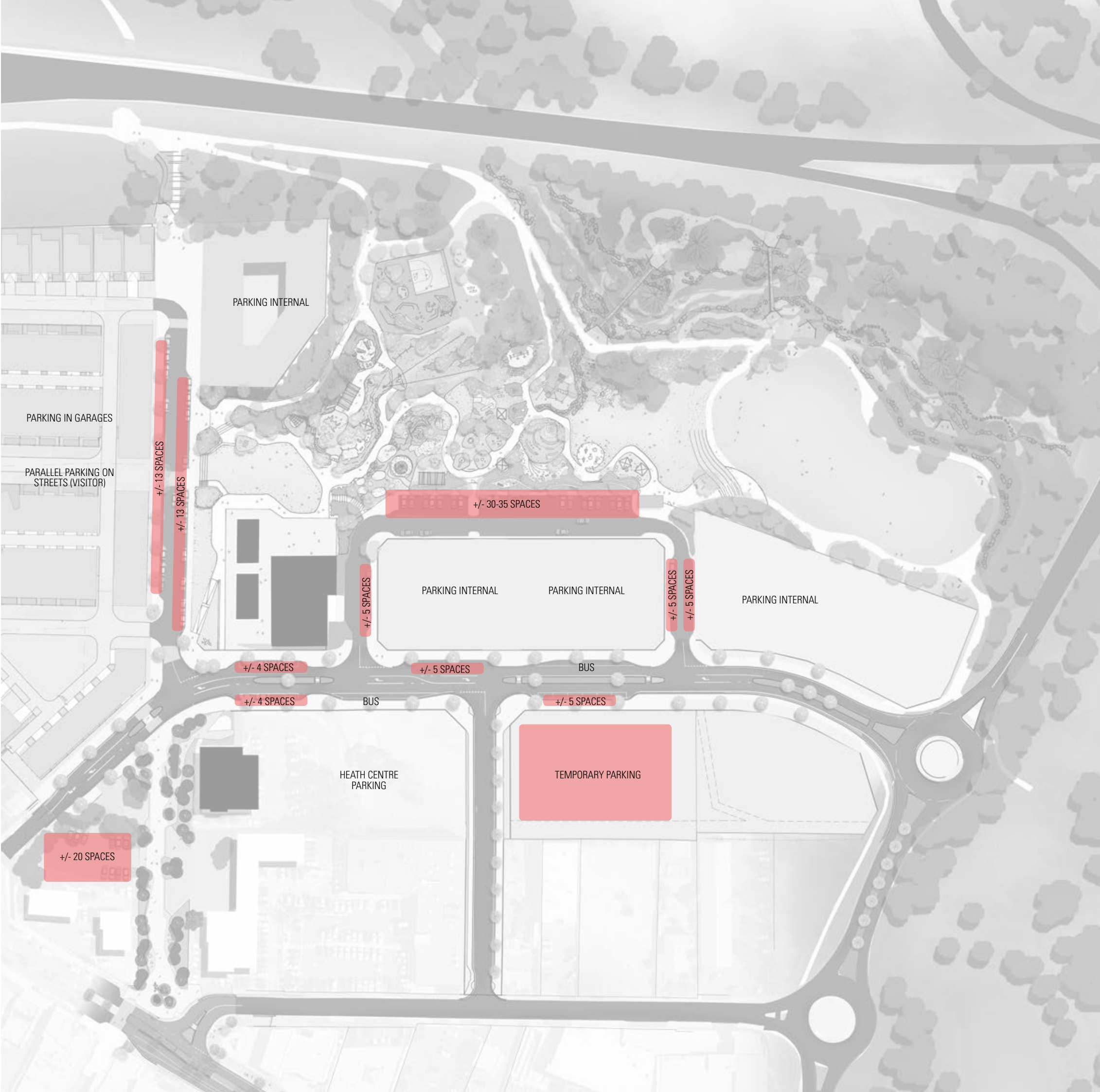
Interpretive signage

Interpretive signage throughout the site will inform and educate both adults and children about cultural stories and site information. Signs will take a range of forms from written material to sculptural symbols. Plants with high cultural significance (such as local ‘bush-tucker’ and medicinal plants) and ecological value will also be marked.



Precedent Image of Park Map

CAR PARKING



LIGHTING & TECHNOLOGY

Functional lighting

- Adequate visibility for safe evening use
- Dimmable – allowing reduced light during hours of less use
- Focused light with minimal overreach
- Consider use of solar-lighting

Feature & accent lighting

- LED strips
- Fibre optics
- Spot-lights

Dark sky approved

Dark-sky approved lighting fixtures to be used throughout the parkland. Dark Sky Friendly refers to the minimization of glare while reducing light trespass and skyglow.

Event power

Three phase power outlets will be located at the back of the Community Lawn, Toilet block and Amphitheatre.

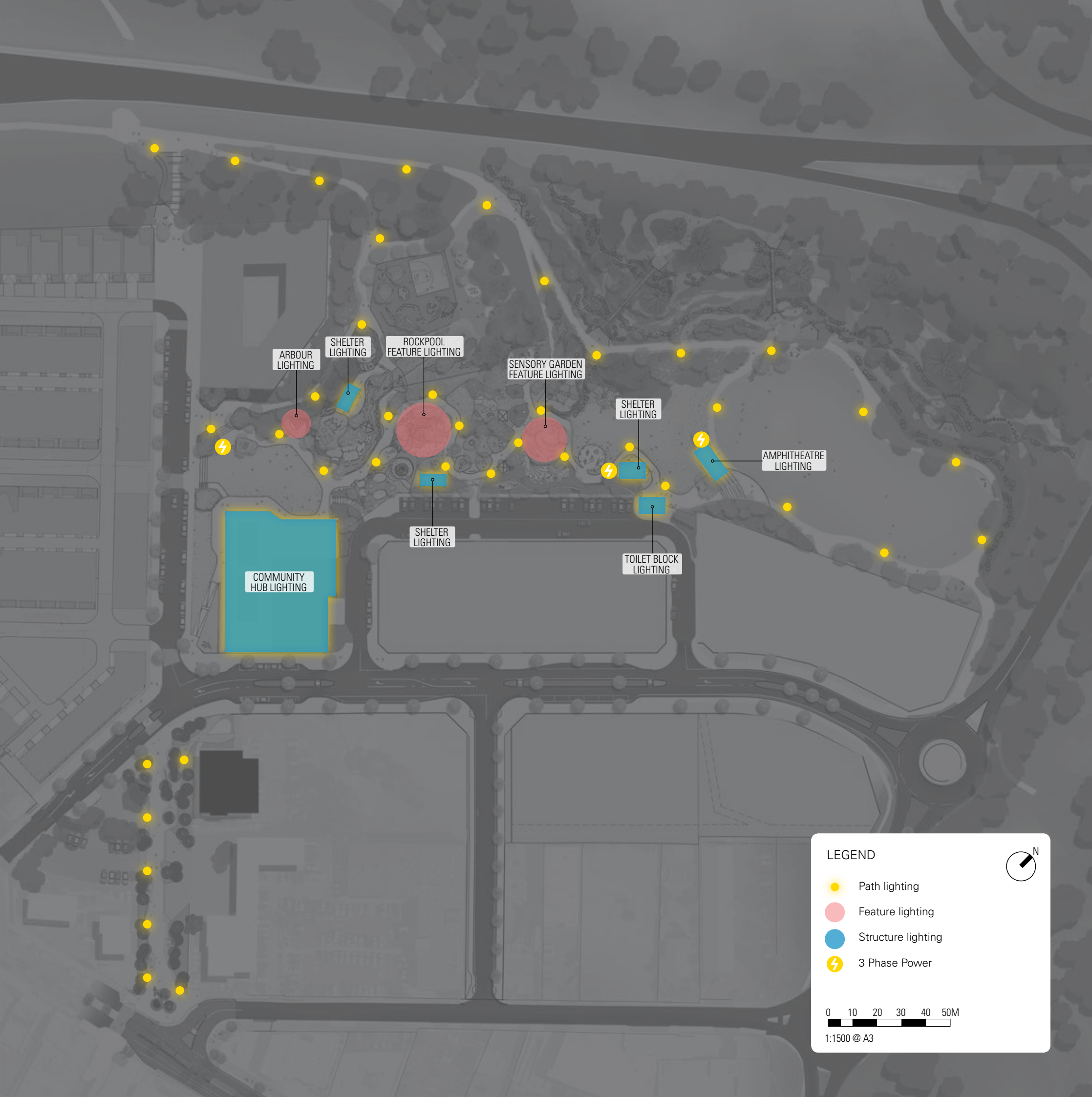
Wifi

Once NBN is installed public WIFI will be offered at the community hub. This signal can be relayed throughout the open space using extenders mounted to light poles. The extent of coverage is being investigated.

Public WIFI has a number of benefits including:

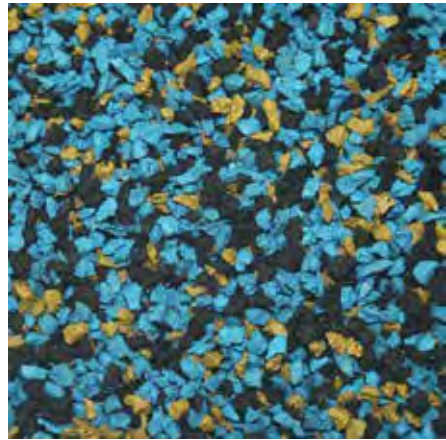
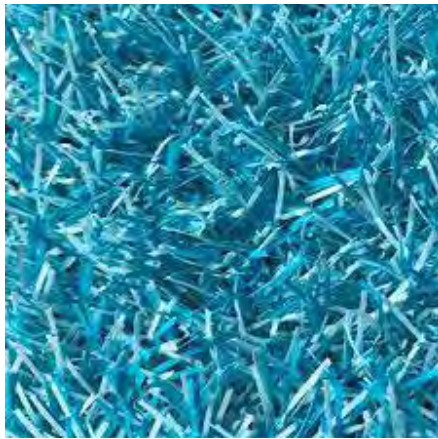
- Equal access to internet supporting lower socio-economic groups
- Monitoring of park use allowing council to invest resources in more popular areas and routes

Note: Light locations indicative only. A lighting study by a lighting engineer will be required for all areas of the master plan.



MATERIAL PALETTE

The Kingston Park palette consists of predominantly local sustainably sourced materials, of primarily natural colours and textures with occasional coloured accents such as softfall, astro-turf and perspex panels.



Stone boulders

Stone pavers

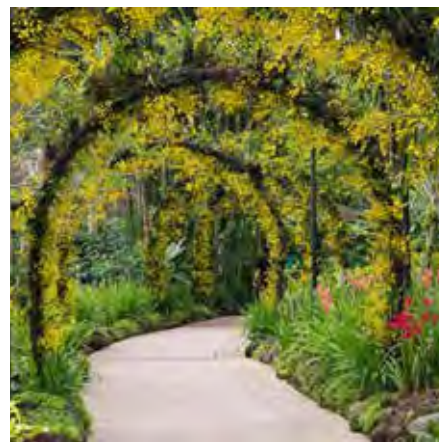
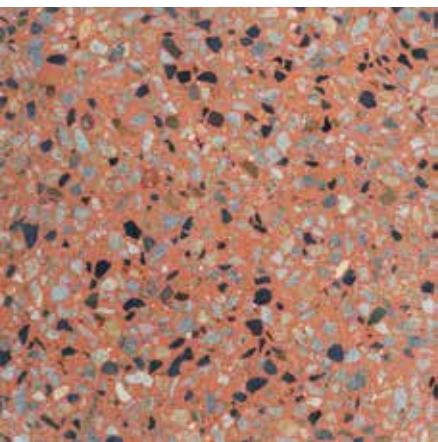
Natural timber

Natural timber fence

Accent /Texture

Astro-turf

Rubberised softfall



Exposed aggregate concrete

Shell / Stone seeded concrete

Sand / Softfall

Shade structures

Arbour

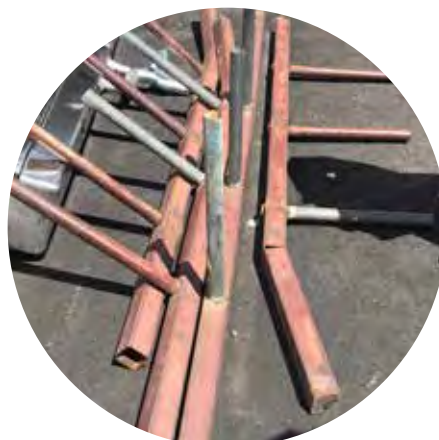
Furniture

Salvaged materials

Materials salvaged from the former highschool buildings and stockpiled by Kingborough Council will be utilised where possible to tell the story of the site former use.



Timber handrails



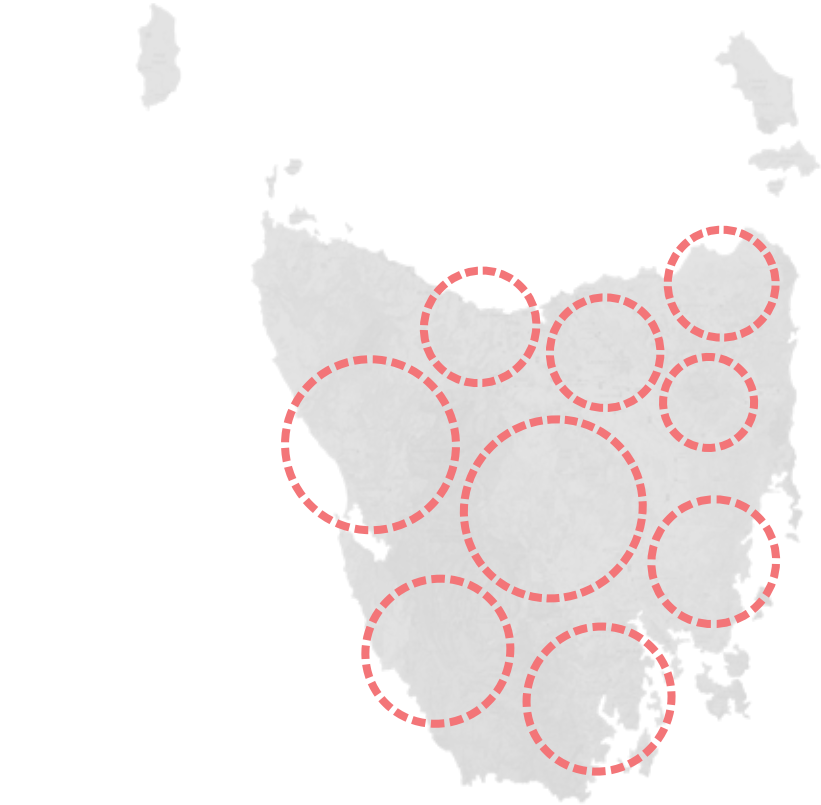
Steel beams



Timber seats

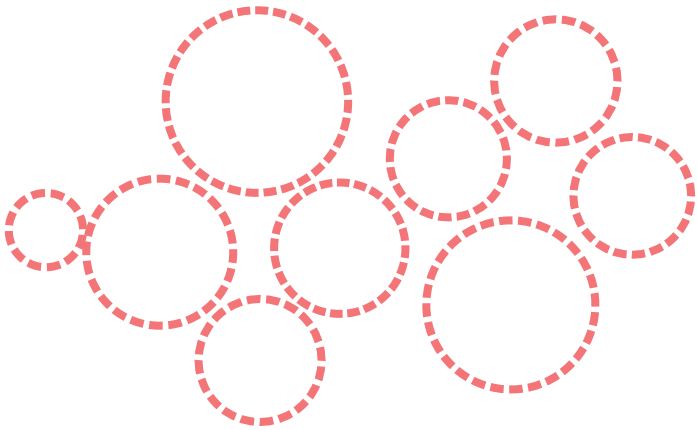
06 PLAYSPACE CONCEPT

A UNIQUE STORY



9 Aboriginal Nations of Tasmania

Throughout the consultation process, a common request from many groups and especially school-aged children was to strengthen the connection to Aboriginal history and the traditional way of life.

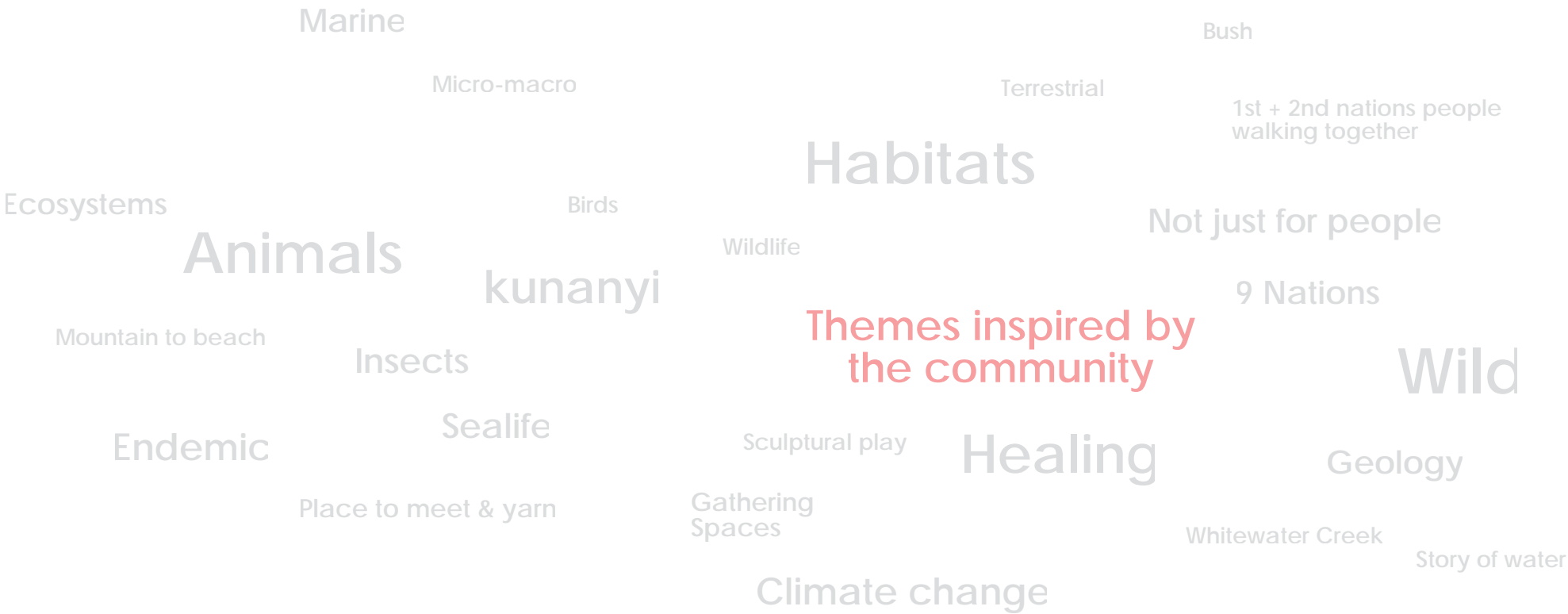


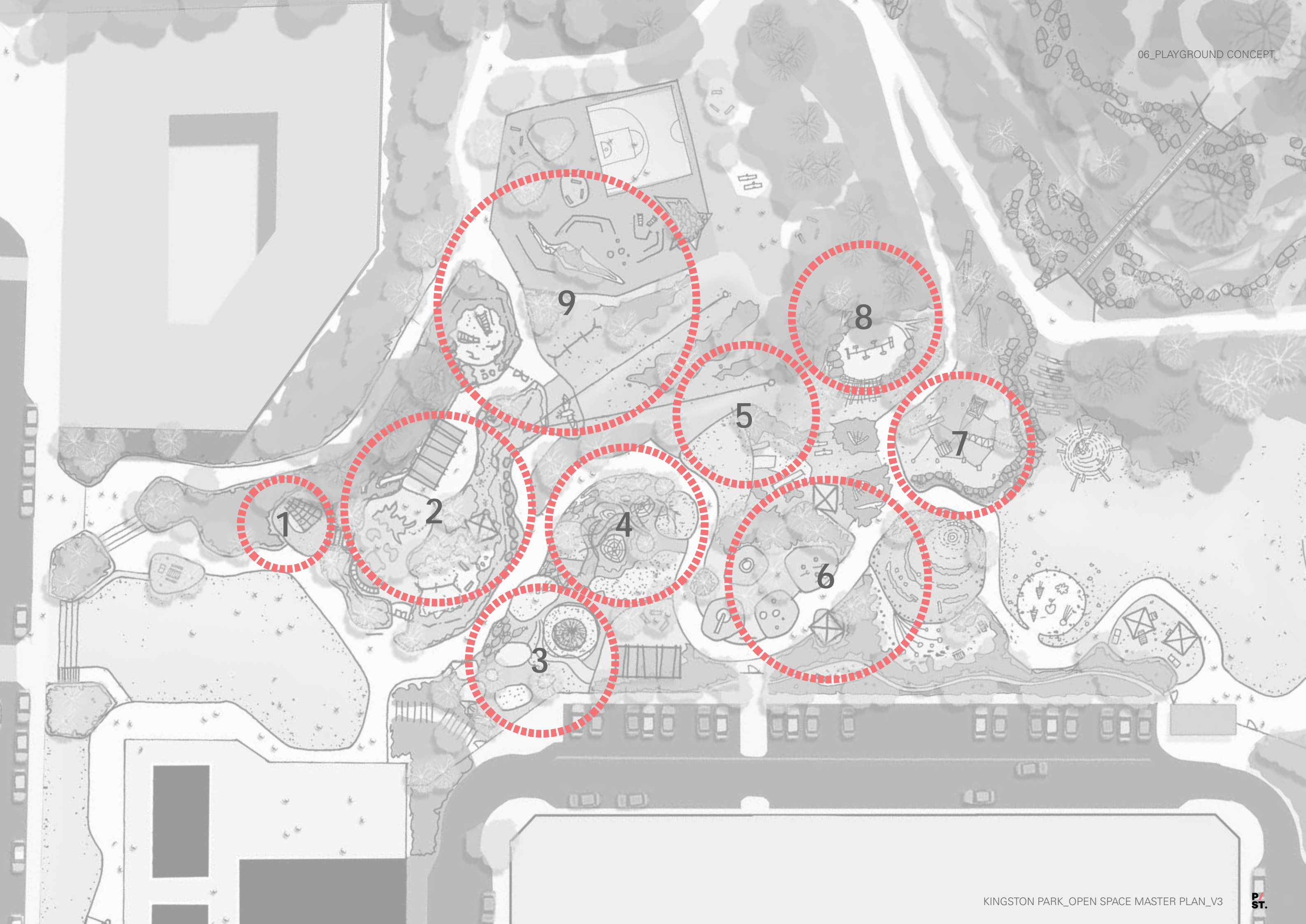
9 unique areas of play

- Native plant palette
- Bush-tucker and medicinal plants
- Interpretive signage



Inspired by animals and habitats of Kingborough





1

BABY PLAY

The Tasmanian Velvet Worm

Name	Tasmanian Velvet Worm <i>Ooperipatellus sp.</i>
Distribution	Endemic Tasmanian Species
Conservation	Not presently under threat
Habitat	Tea tree forest, abundant in some eucalyptus plantations. Seeks shelter under moist woody litter on the forest floor.
Play interpretation	<ul style="list-style-type: none">Cushiony mounds for babies to roll and play overSoft ‘velvet worm’ surrounding small play spaces

Overview

Inspired by the Tasmanian Velvet Worm, an ancient creature native to Tasmania and with populations in Kingborough, the sunken baby play area is a unique addition to the Kingston Park playspace.

Velvet Worms are forest floor dwelling creatures. Their soft bodies limit them to living amongst soft, moist leaf litter and in fallen logs.

The baby play area offers human ground-dwellers (and their carers) a safe and soft place to sit, lie, roll, crawl and explore. The sculpted ground-form and soft material act to enclose the play areas whilst providing a lounge for adults to recline and feed babies.


The centre of the play area will consist of tactile material and velvet worm relief for babies to explore.


A decorative shade structure will cast intriguing shadows over the space and provide interest to babies lying on their backs.


From the Community

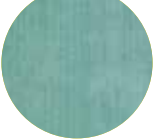
The need for a play space for babies, and a comfortable place for mothers to breastfeed was raised numerous times throughout the community consultation process. The ability of the space to provide enrichment for babies and offer carers the ability to supervise larger children in the adjacent play areas was of high importance.

Play Elements

- 

Rubberised soft-fall
- 

Artificial grass
- 

Polished stainless steel
- 

Soft exterior-grade fabrics

Materials

- 

Tactile, textural surfaces
- 

Dappled light and patterns

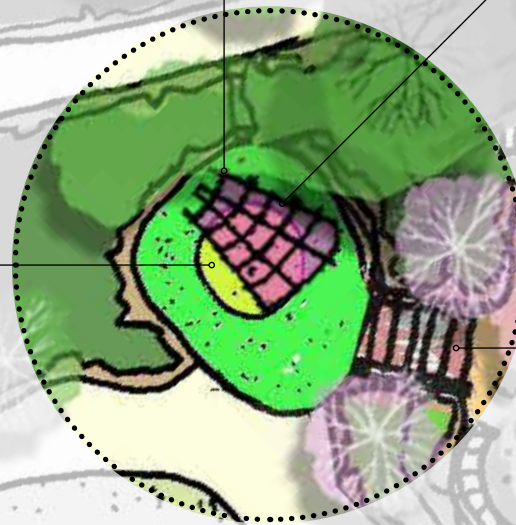




IMAGE 02 - SCULPTED TOPOGRAPHY
FOR LOUNGING



IMAGE 01 - TEXTURAL
SURFACES FOR BABIES
TO EXPLORE



SHADE STRUCTURE



IMAGE 03 - CHRYSALIS TUNNEL
CONNECTS TO TODDLER AREA



TODDLER + NATURE PLAY



Chaostola Skipper Butterfly

Scientific Name	<i>Antipodia chaostola</i> subsp. <i>leucophaea</i>
Distribution	Endemic Tasmanian species
Conservation	Not presently under threat
Habitat	Habitat limited to areas of <i>Gahnia radula</i> and <i>Gahnia microstachya</i> grasses as these are the exclusive food-plants of the larval stage of the butterfly.
Play interpretation	<ul style="list-style-type: none">• Emergence into space through chrysalis• Wing motif on translucent play screens/ fencing

Overview

Inspired by the Chaostola Skipper Butterfly, the Toddler Play area connects to the Baby Play area by an arbour tunnel, representing a chrysalis. A playful custom-designed fence incorporates translucent screens drawing inspiration from the wing motif of the butterfly.



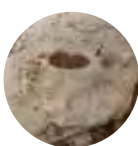

Central to the play area is the Agency of Sculpture custom designed water-course that trickles into a tactile nature play creek bed. The potion picking garden allows children to harvest ingredients to prepare on the potion-making table. Nature play and cubby building encourages imaginative and creative play.

A barbeque shelter offers stunning views over the parkland.

Requested by the Community

- Fenced playspace for young children and for carers of people at risk of running off
- Nature play
- Potion-making area
- Swings
- Universal access
- Shelter

Play Elements

	Water course (Agency of Sculpture)
	A-Frame swing (1 x U&Me seat, 1 x basket seat, 1 x toddler seat, 2 x standard seat)
	Potion making bench
	Cubby-making

Materials

	Textured concrete
	Cobbled paving
	Soft-fall mulch
	Coloured acrylic
	Artificial grass

IMAGE 01



IMAGE 02



IMAGE 03



IMAGE 04



WATER PLAY
BY AGENCY OF SCULPTURE



IMAGE 01 - CHRYSALIS
TUNNEL CONNECTS
TO TODDLER AREA



IMAGE 03 - POTION
MAKING AREA

PERIMETER FENCE

PERIMETER FENCE

HERB GARDEN

BBQ SHELTER

POTION PICKING
GARDEN

SHADE STRUCTURE

PERIMETER FENCE

GATED ENTRY



IMAGE 02 - YOU&ME SWING

NATURE PLAY & CUBBY
MAKING



IMAGE 04 - WATER COURSE



TWO BAY COMBI SWING,
2XTODDLER AND 1X YOU&ME



ROCK POOL WATER PLAY

Weedy Sea Dragon

Scientific Name	<i>Phyllopteryx taeniolatus</i>
Distribution	Southern Australian coastal waters
Conservation	Near-threatened
Habitat	Rocky reefs, kelp beds and the inter-tidal zone at depths of between 1 and 50m. Also found around seaweed beds, seagrass meadows and around pier pylons.
Play interpretation	<ul style="list-style-type: none">• Sculptural elements• Rock pool inspired water play• Plant species that resemble marine plants

Overview

Designed to evoke the nature of rock pools, encourage exploratory play and delightful discovery the water play area draws on the ‘floatiness’ of the weedy sea dragon and the changing nature of its habitat dependant on tide and weather.

Inspiring drifts of planting and seas of grasses with a rich pattern of colour and texture, forming depressions and mounds on the surface reflecting the patterns made by light through water.

Careful lighting and glow in the dark concrete aggregate are integrated to create the beautiful phenomenon of bioluminescence and various water play elements will be placed to encourage communal play as well as solo exploration. A sculptural sea urchin climbing play piece will provide a beautiful focal element to the space offering a distinctly different play experience.

Requested by the Community

- Water play
- Relationship to Kingston Beach and beach-side lifestyle
- Seaweed
- Cubbies and things to climb

Play Elements

	Sea Urchin climbing/cubby (Agency of Sculpture)
	Waterplay
	Weedy Seadragon (Agency of Sculpture)

Materials

	Cobble stones, boulders
	Rubberised soft-fall
	Glow in the dark aggregate
	Stone and shell-seeded concrete
	Sand







SAND PLAY AREA



Thylacine (Tassie Tiger)

Scientific Name	<i>Thylacinus cynocephalus</i>
Distribution	Endemic Tasmanian species
Conservation	Declared extinct
Habitat	Dry open eucalypt forest and grassy woodlands and wetlands.
Play interpretation	<ul style="list-style-type: none">Fossils buried beneath sandpit to be discovered.Fossilised prey animals near Thylacine fossils.

Overview

Dust to dust...the tragedy of losing a species has been incorporated into the sand play area with fossilised bones to be discovered buried under the sand.

A shy and secretive creature, the bones of the Thylacine and of the prey it consumed are to be uncovered and buried again for another day.

The forms of the nearby rock pools will continue into this space as mini sand play areas with scoops and channels to sift and build and create or just loll about in the warm sand.

Requested by the Community

- Sand play
- Relationships to native animals
- Connections to history

Play Elements

	Sea urchin cubby/climbing structure (Agency of Sculpture)
	Fossil dig bones (Custom)
	Sand digger (Oasis Sand Digger)
	Accessible digger (Superscoop)
	Sand play funnels, scoops attached to rocks

Materials

	Rubberised soft-fall
	Sand
	Concrete rock pools
	'Footprints' concrete
	Mix of paving types

IMAGE 01



IMAGE 02



IMAGE 03



IMAGE 04



IMAGE 05





IMAGE 01 -
AGENCY OF SCULPTURE
SEA URCHINS CLIMBING
AND CUBBY



IMAGE 02 -
FOSSIL DIG



IMAGE 03 - ACCESSIBLE
SAND DIGGER



IMAGE 04 - SAND DIGGER



IMAGE 05 - SAND PLAY

SANDPIT
TERRACES

SHADE TREES

0 5 10 15 20M





SLIDES & SEESAWS



She-Oak Skink

Scientific Name	Cyclodomorphus casuarina
Distribution	Endemic Tasmanian species
Conservation	Not presently under threat
Habitat	Widespread throughout Tasmania but not often seen, shelters in low, dense vegetation like buttongrass plains and secluded habitats.
Play interpretation	<ul style="list-style-type: none">SlidesSee-sawBalancing beamsShe-oak forest

Overview

Nestled amongst a forest of she oaks a little army of she oak skinks scatter and run in the form of seesaws, slides and log balancing beams to shelter in the cubbies on the edges of the forest.

Steel cubby frames for adding sticks and branches to and creating forest huts amongst the trees. The smooth slippery bodies of the skinks will translate into the smooth slide surfaces designed for universal enjoyment.

Requested by the Community

- Slides
- Balancing and bridges
- Forests of trees
- Cubbies

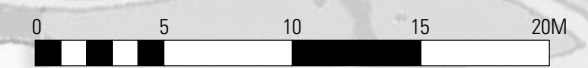
Play Elements

	All abilities slide
	Tunnel slide
	Multi-person slide
	Timber seesaws
	Cubby-making

Materials

	Rubberised soft-fall
	Soft-fall mulch
	Natural timber
	Sand
	Timber logs







SPINNING & SENSORY GARDEN



Spotted-tail Quoll

Scientific Name	<i>Dasyurus maculatus</i>
Distribution	Tasmanian and mainland Australia
Conservation	Near-threatened.
Habitat	Large forested areas with hollow and fallen trees for dens and with abundance of small prey such as mice and rats. Cool temperate rainforests to coastal scrub.
Play interpretation	<ul style="list-style-type: none">Spotted shapesCubby and hut building area

Overview

The spots of the spotted tail quoll give inspiration to the spinning play zone, circles of movement and giddiness designed to stimulate the senses and provide universal play for all.

A supernova, a spinning seesaw and a carousel designed to accommodate wheelchairs are placed amongst a pole forest of rare endangered orchids with leaves that open and close once activated from below.

This zone is located near the sensory garden, a garden full of scented and tactile plants to soothe and calm and provide a quiet nook to contemplate. Soft musical instruments nestled in the garden to add to the symphony of nature.

Requested by the Community

- All abilities access
- seesaws
- Places for making music
- Spinning things

Play Elements

	Supernova
	Spinning seesaw
	Wheelchair carousel
	Musical play elements
	Orchid poles (Agency of Sculpture)

Materials

	Rubberised soft-fall
	Soft-fall mulch
	Compacted gravel
	Sensory planting

IMAGE 01

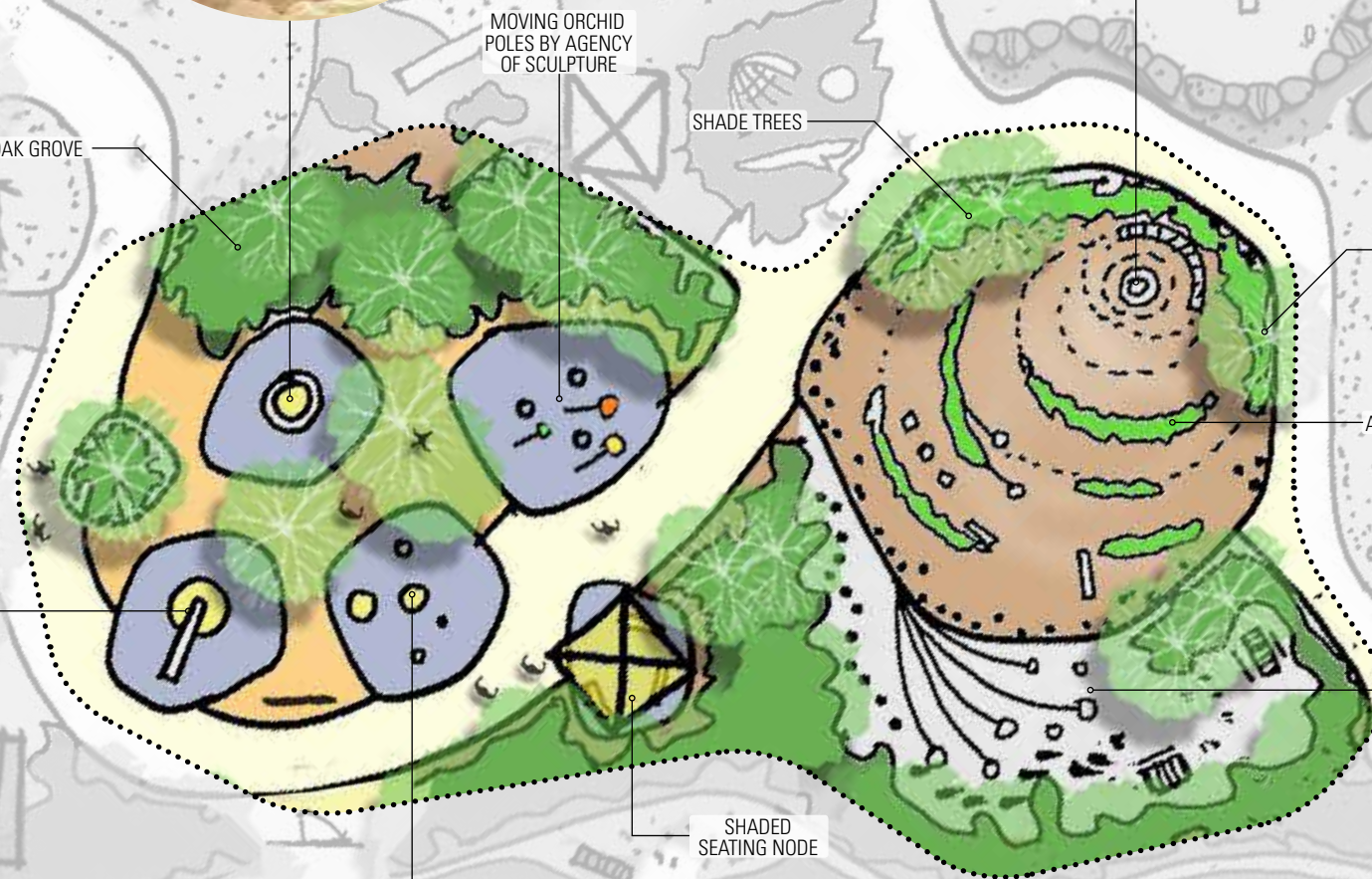


IMAGE 02



IMAGE 03





7

ROPE FOREST

Tasmanian Bettong

Scientific Name	<i>Bettongia gaimardi</i>
Distribution	Endemic Tasmanian species
Conservation	Near-threatened.
Habitat	Dry open eucalypt forest and grassy woodlands
Play interpretation	<ul style="list-style-type: none">Grassy woodlandsCubby and hut building areaRope climb

Overview

With a tail for balancing and gripping, the Bettong inspired the rope course area, a forest of poles set amidst a forest of trees, strung with ropes and obstacles to challenge and elevate above the ground.



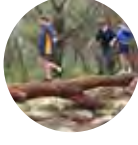

Like a small kangaroo, the bettong also inspires a boulder hop adjacent leading to the creek area where fallen logs and rope bridges will enable crossing of the creek safely to extend the nature play experience.

Cubby play areas recreate the nesting habits of the nocturnal bettong with frames for cubby building nestled within fields of native grasses.

Requested by the Community

- Cubby play
- Native plantings
- Balancing and climbing play
- Bouldering

Play Elements

	Rope course
	Cubby-making frame
	Logs
	Boulders

Materials





	Soft-fall mulch
	Boulders
	Sand
	Timber logs

IMAGE 01



IMAGE 02



IMAGE 03





SHADE TREES

STORM WATER
FILTER/
BIO-SWALE

ROCK
RETAINING/
EDGING





WEDGE-TAIL EAGLE NEST

Tasmanian Wedge-tail Eagle

Scientific Name	<i>Aquila audax subsp. fleayi</i>
Distribution	Endemic Tasmanian species
Conservation Status	Endangered
Habitat	Mature and old-growth forest areas for nesting. Nests are usually constructed in mature eucalypts over 25m tall.
Play interpretation	<ul style="list-style-type: none">• Large play nest• Climbing net• Swings

Overview



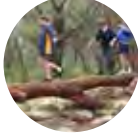

The majestic Wedge Tailed Eagle comes home to rest in a giant nest made from logs and boulders and sticks that perches up above the parkland.

A giant birds nest swing will occupy the nest and create the feeling of flying over the parkland. A net to climb up to the nest will offer challenging climbing play.

Requested by the Community

- Places to get high up off the ground
- Climbing
- Big swing

Play Elements

	Tripod swing
	Rope net
	Logs
	Boulder hop

Materials





	Maritime rope
	Natural timber
	Soft-fall mulch
	Boulders

IMAGE 01



IMAGE 02



IMAGE 03



IMAGE 04

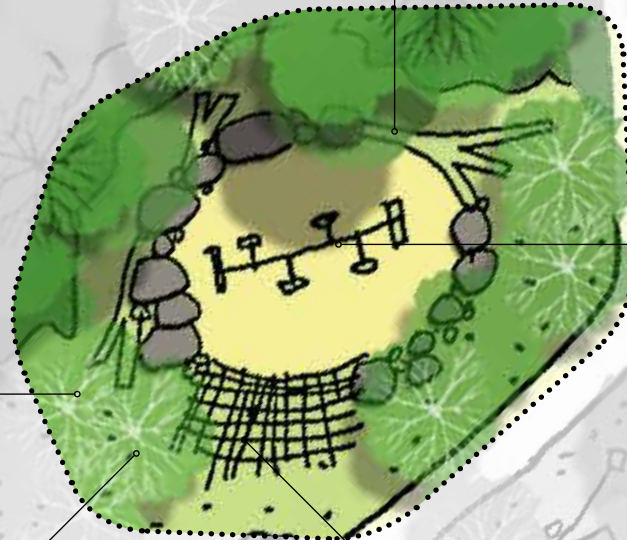




IMAGE 02 - BALANCING LOGS



IMAGE 01 - BOULDER HOP



SHADE TREES



IMAGE 03 - TRIPOD SWING

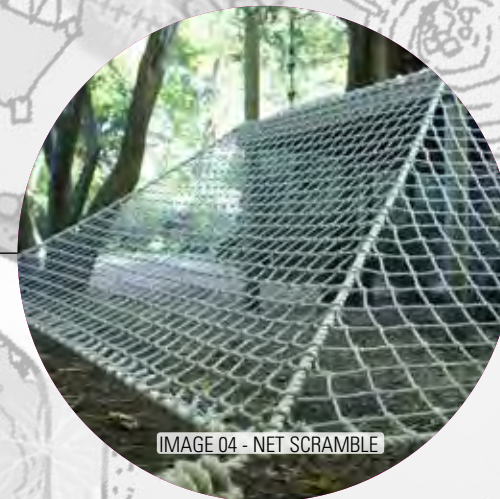


IMAGE 04 - NET SCRAMBLE

9

YOUTH AREA



Tasmanian Long Eared Bat

Scientific Name	Nyctophilus timoriensis sherrini
Distribution	Endemic Tasmanian species
Conservation	Not presently under threat
Habitat	Well-established and old woodland with hollow trees for roosting
Play interpretation	<ul style="list-style-type: none">Flying foxPrey insect species incorporated into space

Overview

The Tasmanian long eared bat seems the perfect inspiration for the most requested play item for the parkland - the flying fox.

A double flying fox designed as a piece of play and sculpture, with the flying fox launched from the back of a giant sculptural bat and with dynamic and moveable sculptures of the bats prey, insects atop the poles at the opposite end. The flying fox is sited so as to fly into the forest, a stand of existing trees.

Nearby the youth area utilises the old high school sports court as a place for street skating, parkour and half court basketball with hammocks to lounge on under the trees, separated from other play areas by the flying fox this area provides separation to the court area in response to community feedback.

Requested by the Community

- Area specifically for teenagers and older kids
- Flying fox
- Skate area
- Courts for ball games
- Parkour

Play Elements

	Long Eared Bat dual flying fox (Agency of Sculpture)
	Basketball half-court
	Parkour elements
	Street skate elements

Materials

	Concrete
	Painted asphalt
	Soft-fall mulch
	Steel





IMAGE 01 - BASKETBALL HOOP



IMAGE 02 - SKATE & PARKOUR ELEMENTS



IMAGE 03 - BAT TAKE-OFF PLATFORM
BY AGENCY OF SCULPTURE

GARDEN BEDS CUT
FROM EXISTING ASPHALT

SEATING NODE

BASKETBALL
HALF COURT

SEATING NODE



IMAGE 04 - HAMMOCKS

GARDEN BEDS CUT
FROM EXISTING ASPHALT

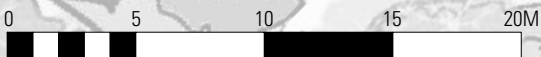


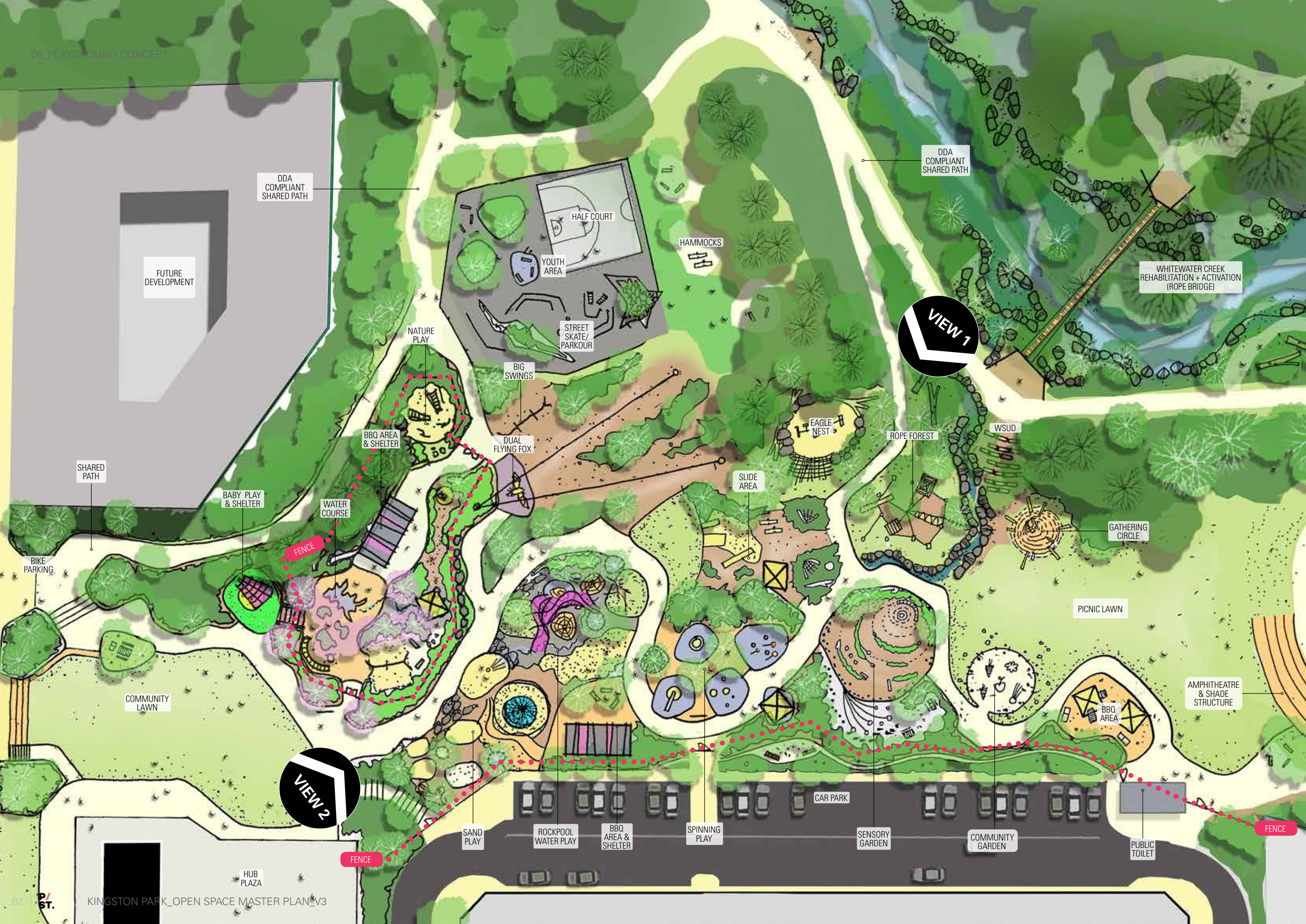
Wings flap

IMAGE 05 - MOVING
MOTH AND DRAGONFLY BY
AGENCY OF SCULPTURE



IMAGE 06 - DUAL FLYING FOX





DDA COMPLIANT SHARED PATH

FUTURE DEVELOPMENT

HALF COURT

YOUTH AREA

STREET SKATE/PARKOUR

HAMMOCKS

NATURE PLAY

BIG SWINGS

DUAL FLYING FOX

BBQ AREA & SHELTER

WATER COURSE

BBQ AREA & SHELTER

SHARED PATH

BIKE PARKING

COMMUNITY LAWN

VIEW 2

VIEW 1

CAR PARK

SENSORY GARDEN

COMMUNITY GARDEN

PUBLIC TOILET

SPINNING PLAY

BBQ AREA & SHELTER

ROCKPOOL WATER PLAY

SAND PLAY

HUB PLAZA

PICNIC LAWN

GATHERING CIRCLE

WSUD

ROPE FOREST

EAGLE NEST

SLIDE AREA

AMPHITHEATRE & SHADE STRUCTURE

BBQ AREA

WHITEWATER CREEK REHABILITATION + ACTIVATION (ROPE BRIDGE)

DDA COMPLIANT SHARED PATH



SUPERNOVA

COMMUNITY
HUB

SEA URCHIN
CLIMBING

MOVING
SCULPTURES
BY AOS

SEA URCHIN
CLIMBING

TUNNEL
SLIDE

BAT TAKE-OFF
PLATFORM

TRIPOD SWING

WEDGETAIL NEST



FLYING FOX

BUTTERFLY
BY AOS

DRAGONFLY
BY AOS

LONG-
SNOUTED
BOARFISH

SEA DRAGONS

WEDGE TAIL NEST

SEA URCHIN CLIMBING
CUBBY BY AOS

SLIDE ZONE

ROPE
COURSE

SPINNING
ZONE

SEA URCHIN CLIMBING
CUBBY BY AOS

LIMPETS

SAND PLAY

WATER PLAY

SAND PLAY

WATER
COURSE

PLAYSPACE SCALE COMPARISON

The following is a visual scale comparison between the Kingston Park primary open space area with related playgrounds and open spaces.



Kingston Parkland Open Space



Kangaroo Bay,
Bellerive



Simmons Park,
Lindisfarne



Bellerive Beach Park



Dru Point,
Margate



Royal Park Playground,
Melbourne

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03	https://www.franklyandme.com.au/2018/03/20/lizard-log-and-saluti-cafe-western-sydney-parklands (accessed: March 2019)
04	https://unlikelyladyofleisure.wordpress.com/2014/02/21/childrens-garden-gardens-by-the-bay (accessed: March 2019)
05	http://insideoutsidemichiana.blogspot.com/2014/11/woodlawn-nature-centers-outdoor-class.html (accessed: March 2019)

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01	https://www.natureplaysolutions.com.au/gallery-pos (accessed: March 2019)
02	Cataract Gorge Playspace, Playstreet 2019
03	https://www.marion.sa.gov.au/things-to-do/parks-and-playgrounds/clare-avenue-reserve (accessed: March 2019)
04	https://www.kidsinadelaide.com.au/glenelg-foreshore-playground (accessed: March 2019)
05	https://www.weekendnotes.com/melbourne/playgrounds/3 (accessed: March 2019)
06	www.pinterest.com (accessed: March 2019)

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01	https://www.bushheritage.org.au/species/quolls (accessed: March 2019)
02	www.pinterest.com (accessed: March 2019)
03	www.pinterest.com (accessed: March 2019)

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01	https://www.recreationinsites.com/kompan-supernova (accessed: March 2019)
02	https://www.pinterest.com.au/pin/141581982011369116/?lp=true (accessed: March 2019)
03	https://infraconcept.bg/en/products/kids-playgrounds-proludic/moving-equipment-proludic (accessed: March 2019)

04	https://jupiterplay.co.uk/range/inclusive-play (accessed: March 2019)
05	https://www.onlyinyourstate.com/utah/moab-rotary-park-ut (accessed: March 2019)

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01	https://www.themercury.com.au/news/tasmania (accessed: March 2019)
02	https://www.wholekidsfoundation.org (accessed: March 2019)
03	https://worldlandscapearchitect.com/adelaide-zoo-natures-playground (accessed: March 2019)

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01	https://www.ausleisure.com.au/news/kings-park-expert-advises-that-risk-is-good-for-children (accessed: March 2019)
02	http://www.richter-spielgeraete.de (accessed: March 2019)
03	www.pinterest.com (accessed: March 2019)

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01	https://www.australiangeographic.com.au/news/2018/03/scientists-call-on-the-public-to-look-to-the-sky-to-help-the-tassie-wedge-tailed-eagle (accessed: March 2019)
02	https://www.flickr.com/photos/bushheritageaustralia/14454239344 (accessed: March 2019)
03	https://i.pinimg.com/originals/53/bd/e7/53bde7fe8566ea9265d13936d9988c1a.jpg (accessed: March 2019)
04	http://www.pics4learning.com/details.php?img=winterthur_07.jpg (accessed: March 2019)

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01	http://centraloregondad.blogspot.com/2013/06/eagle-crest-resort-sports-center.html (accessed: March 2019)
02	https://www.westernsydneyparklands.com.au/places-to-go/lizard-log (accessed: March 2019)
03	https://www.kompan.com.au/categories (accessed: March 2019)
04	https://www.treehouselife.co.uk/scramble_nets.html (accessed: March 2019)

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01	http://animal.memozee.com/view.php?tid=3&did=18607 (accessed: March 2019)
02	https://www.canadianarchitect.com/features/folly-forest (accessed: March 2019)

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01	https://www.amazon.com/Basketball-Court-Equipment-Spalding-Field-Rink/s?rh=n%3A5680927011%2Cp_89%3ASpalding (accessed: March 2019)
02	https://convic.com/projects (accessed: March 2019)
03	Artist's Impressing, Agency of Sculpture, March 2019
04	https://weburbanist.com/2016/08/31/the-city-is-your-living-room-15-modern-street-furniture-designs (accessed: March 2019)
05	Artist's Impressing, Agency of Sculpture, March 2019
06	https://www.playgroundcentre.com/showcases/auckland-council-macleans-park (accessed: March 2019)



07 APPENDIX



Agency of Sculpture

Yackandandah

Kingston Park. Tas
Custom Play element proposal.

1 Leaf Water-play

2 Urchin Cave

3 Bat sonar - Flying-fox 3A-3D

4 Sea dragon

5 Local Orchids - 3pc total

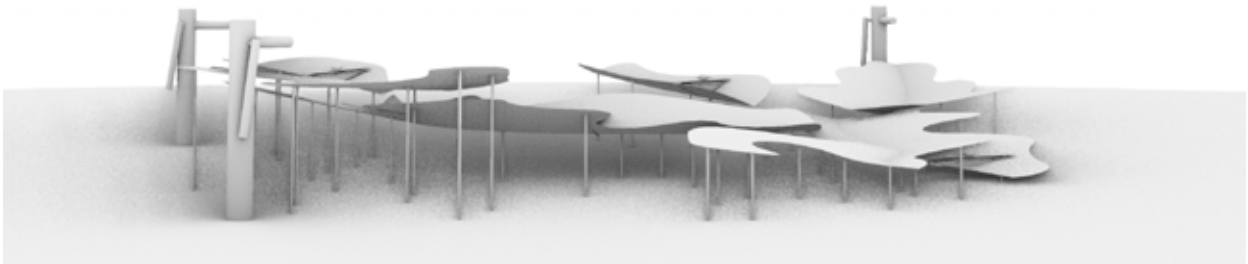
6 Skipper butterfly



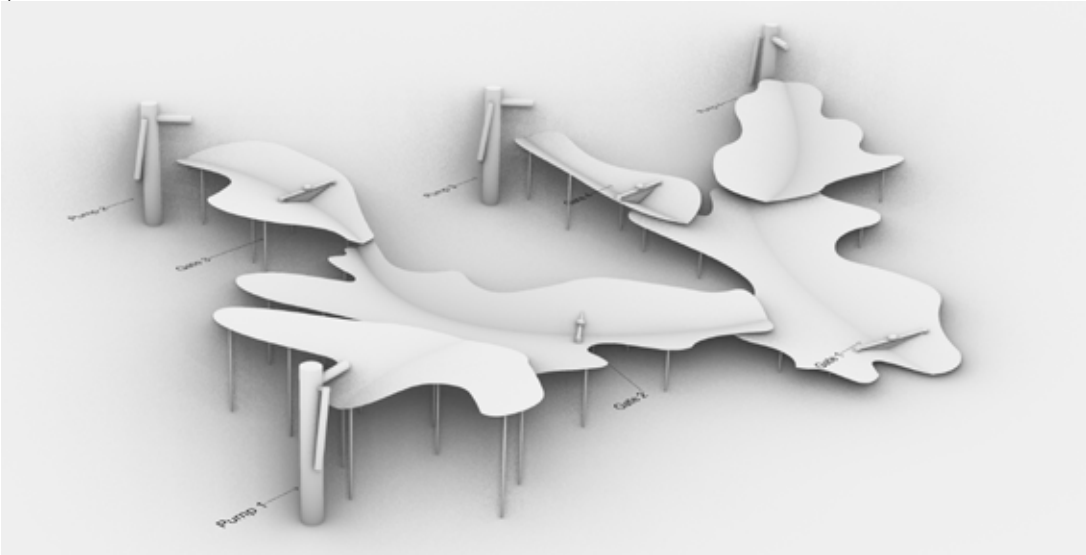
Notes :
Water-play
Leaf forms overlap to create channel.
Dam gates etc can be magnetic.
Self draining for water safety.

Outflow to integrate with other elements/ garden.
Includes pumps / taps.

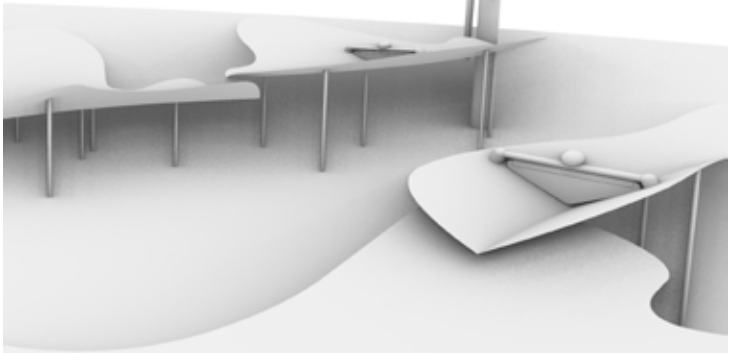
Elevation View



Perspective View

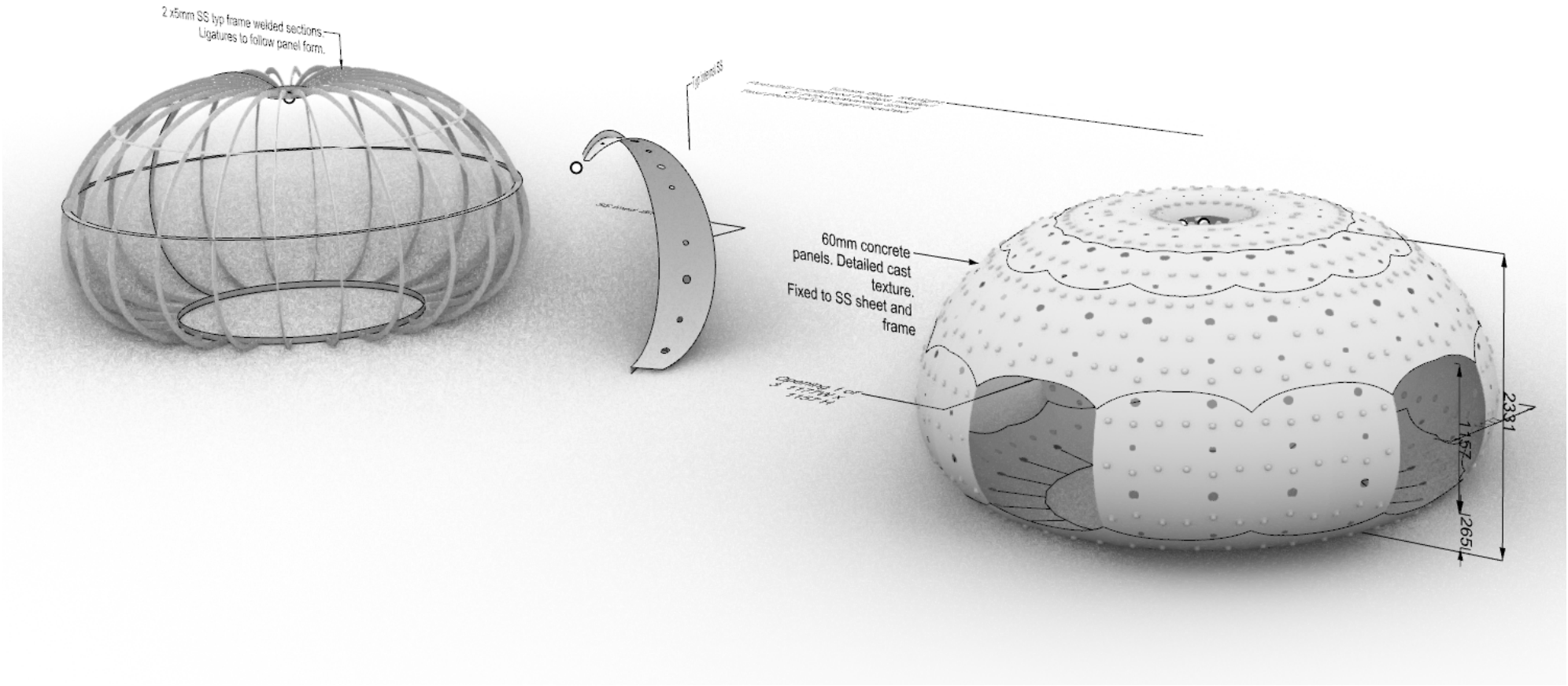


Detail View



- Notes:
- Urchin Cave / climber
 - Sand play inside.
 - Heavy texture surface.
 - Concrete panels cast in section exterior.
 - Lined with stainless steel for reflective interior. Perforated for good visibility.
 - Stainless frame.
 - Options for colour / Polycarbonate.

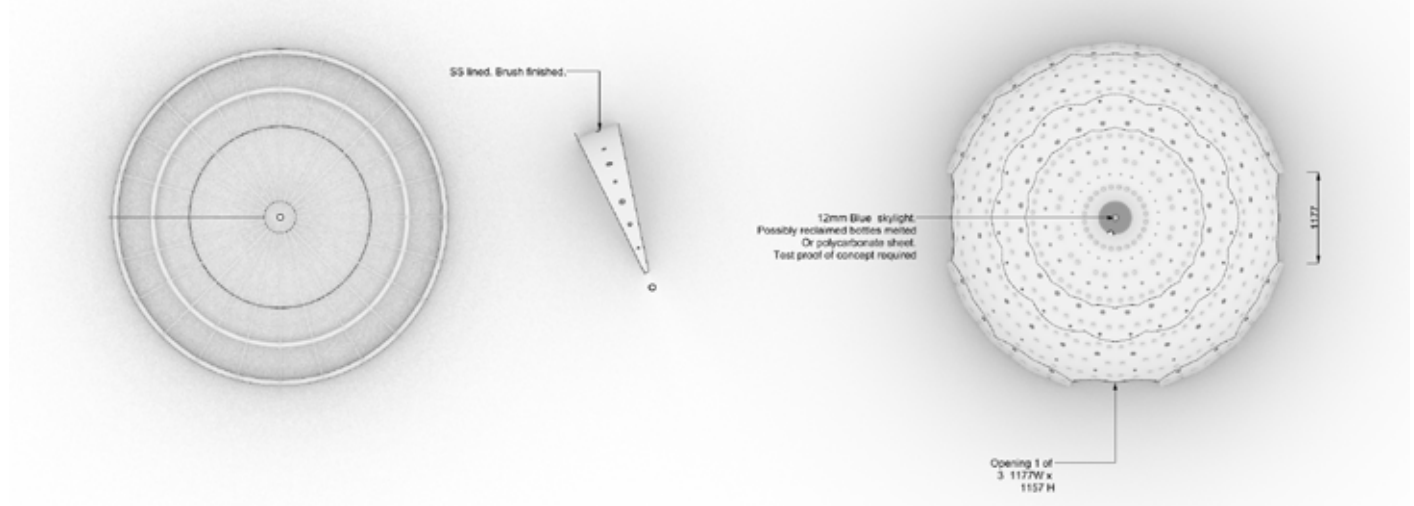
Perspective View



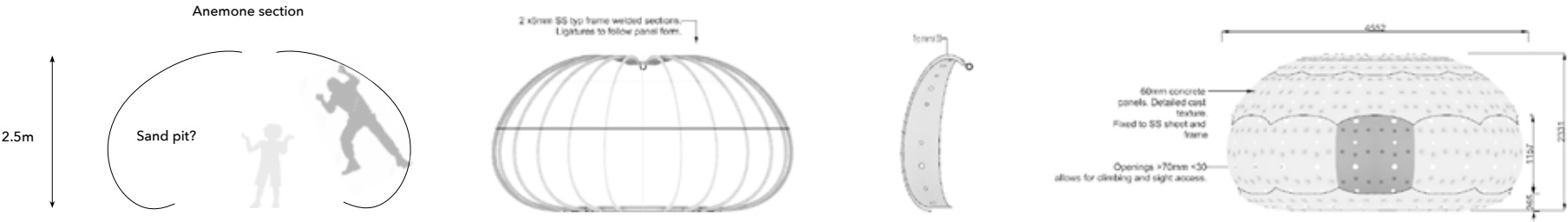
Detail View



Internal Structure View



Plan View



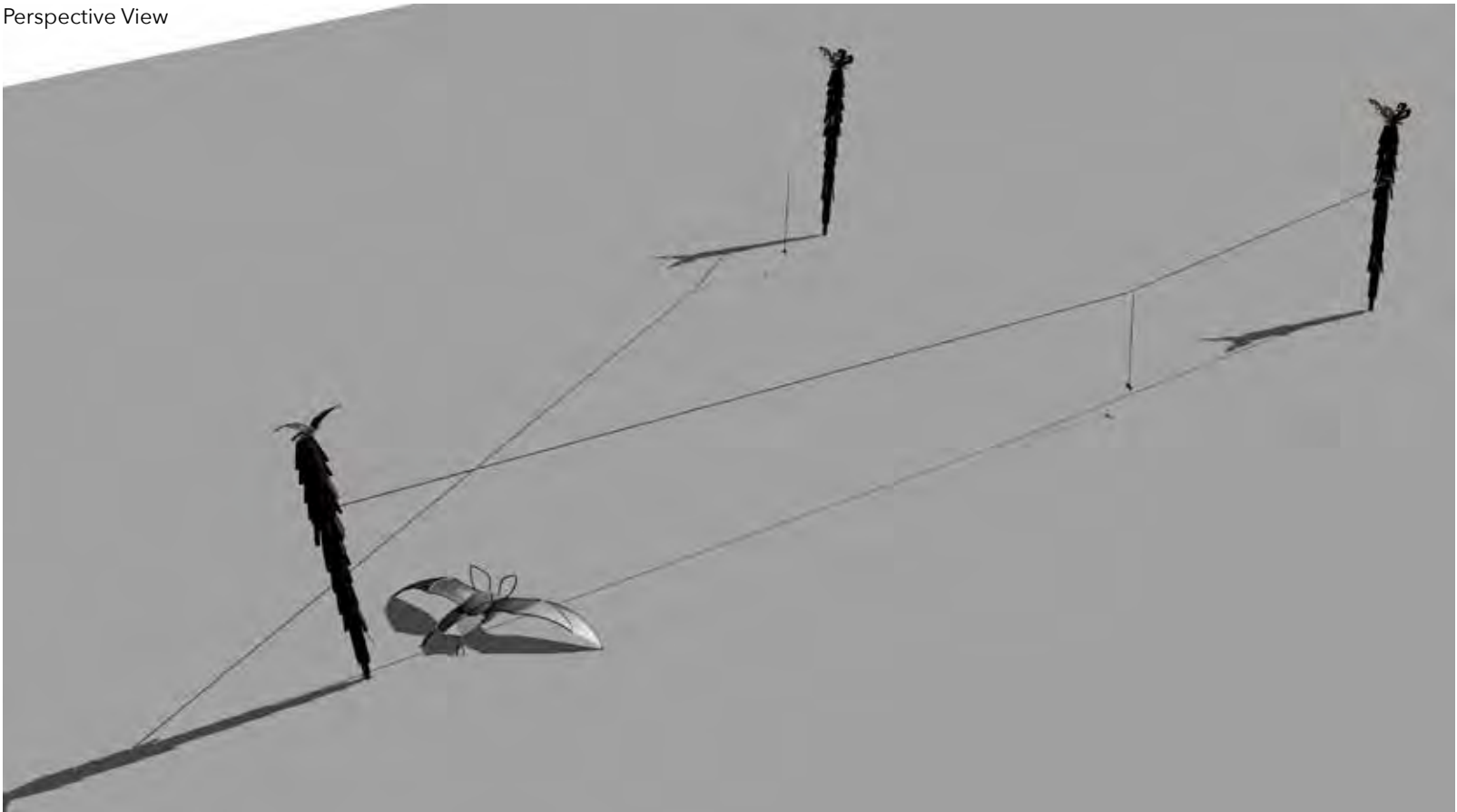
Flying fox x 2

Actuated elements on posts.

Elevation View



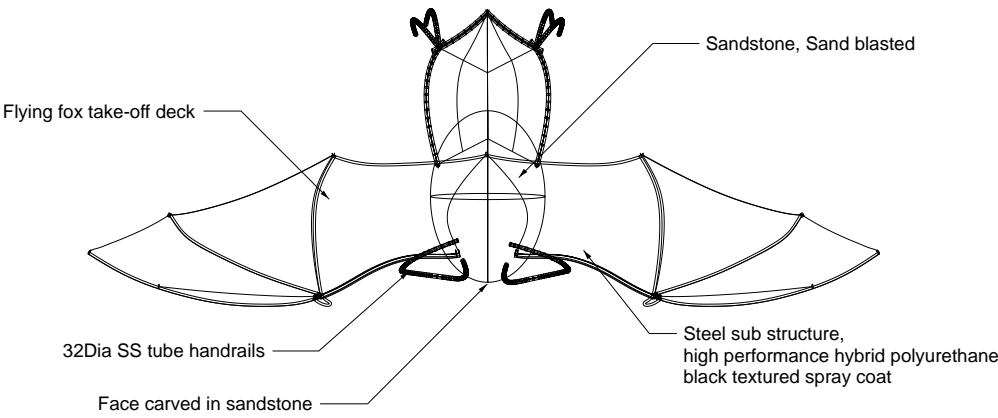
Perspective View



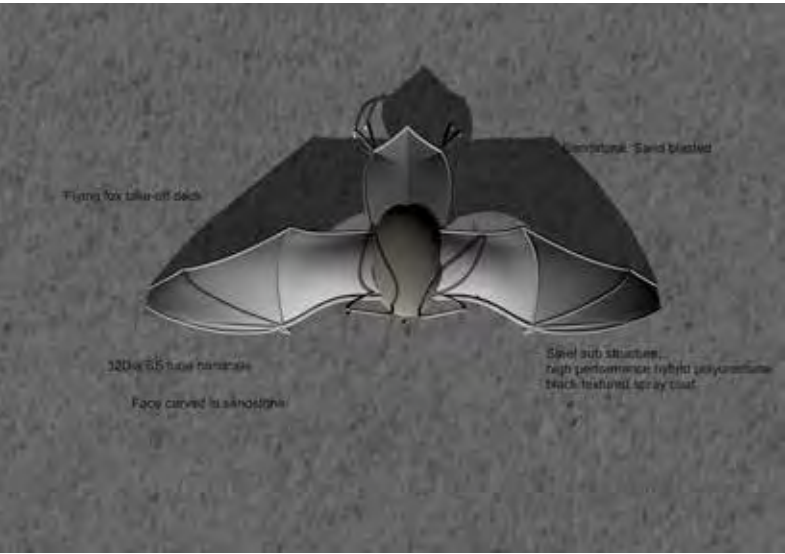
3A : Bat deck

Flying fox shared take-off.
Stone carved face.

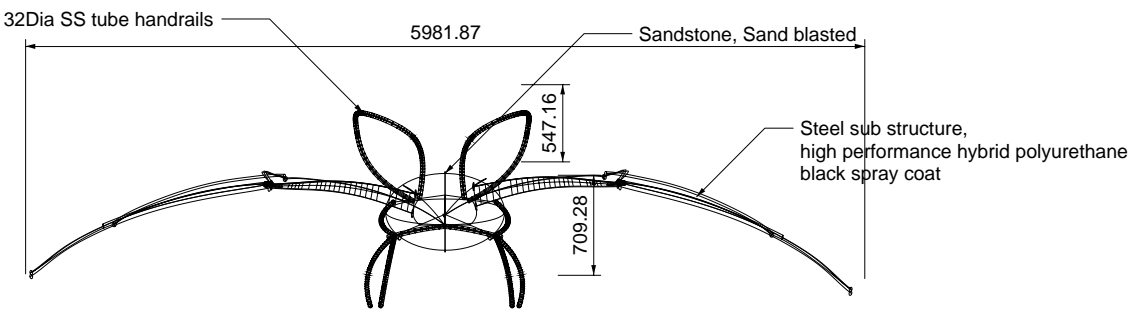
Plan View



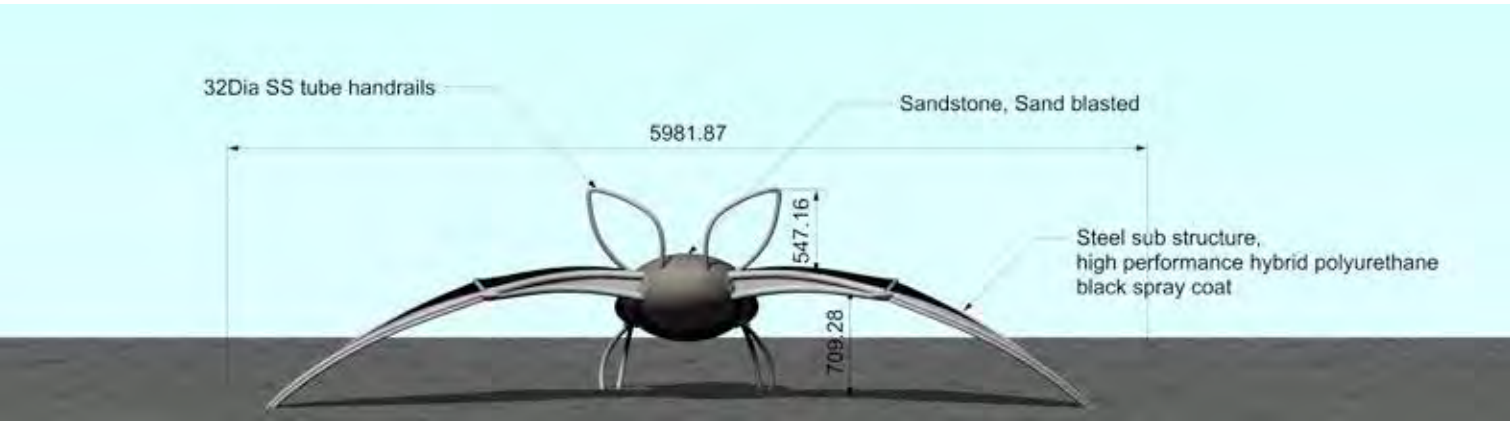
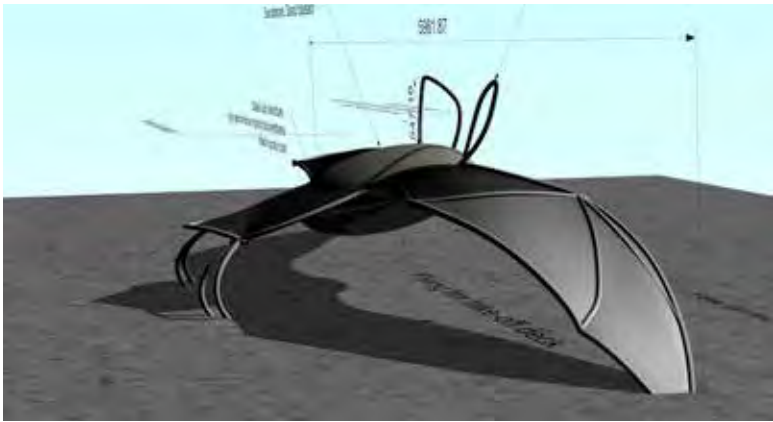
Plan View



Elevation View



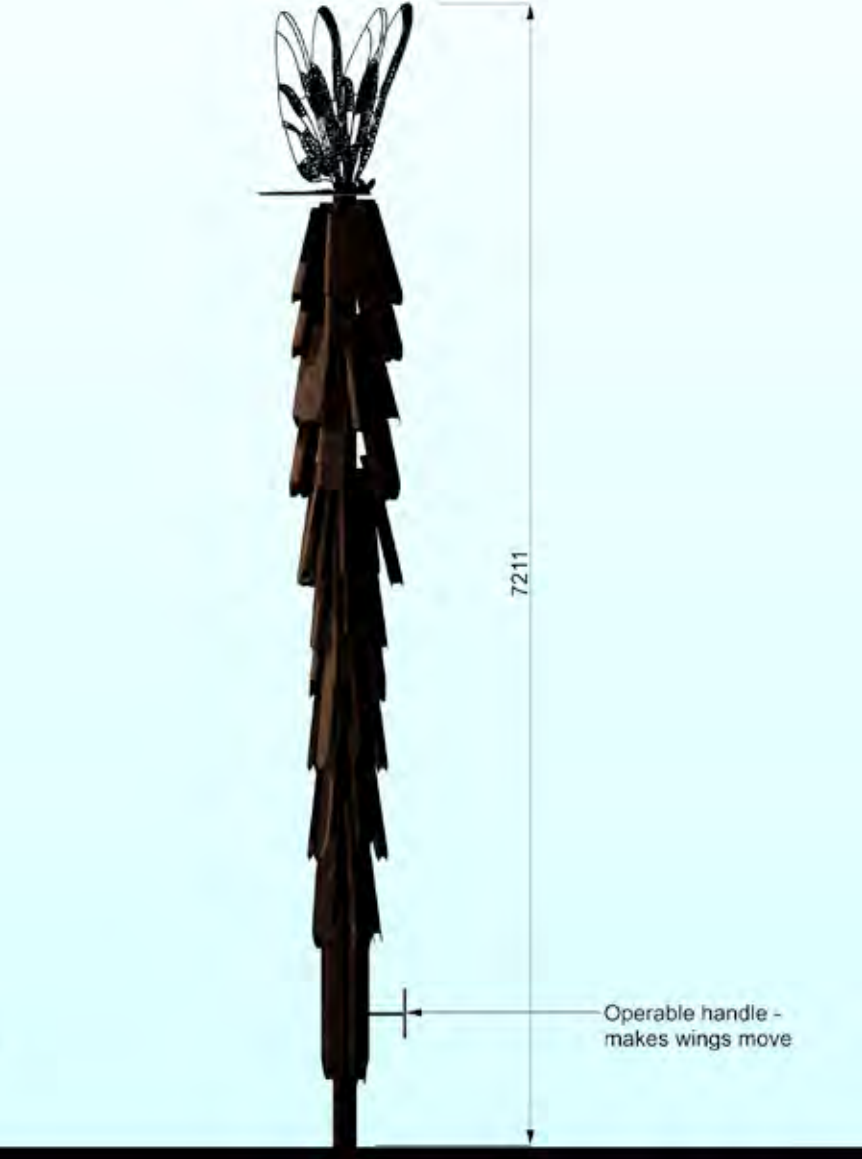
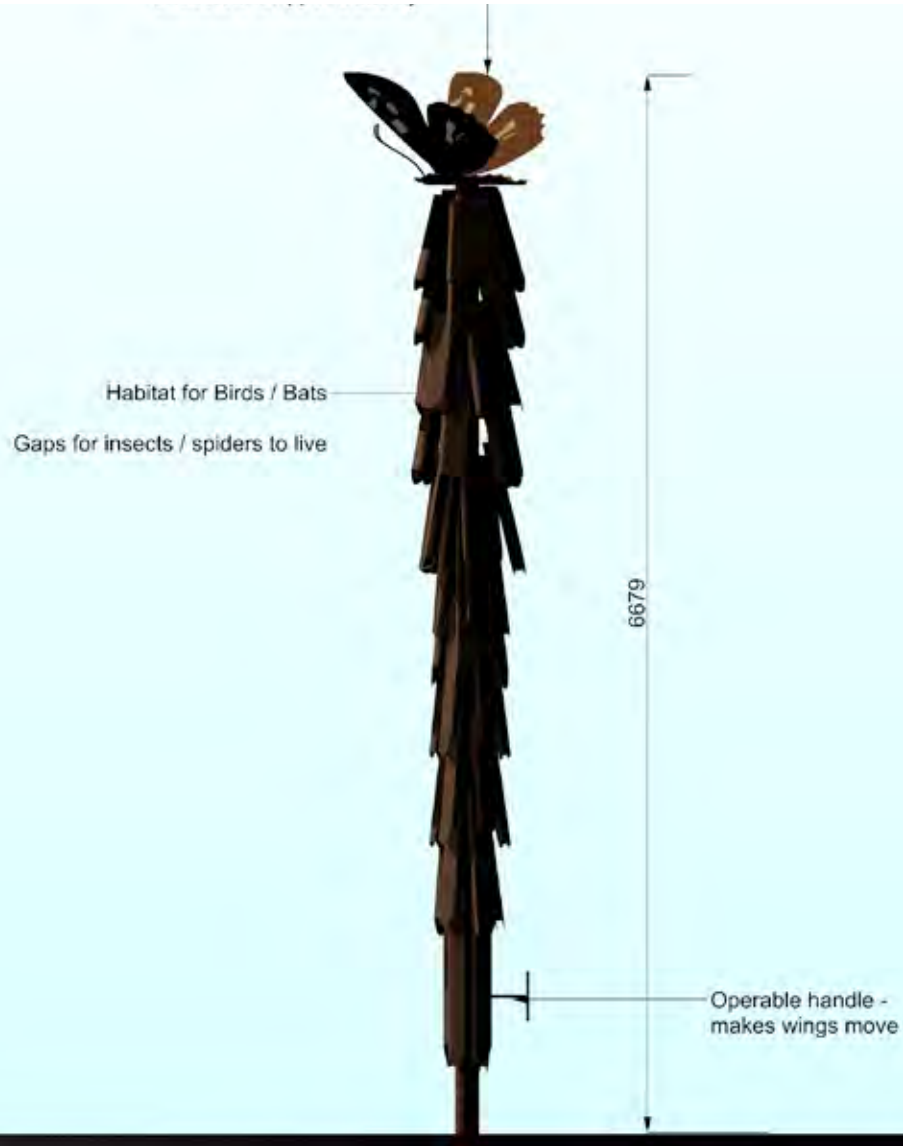
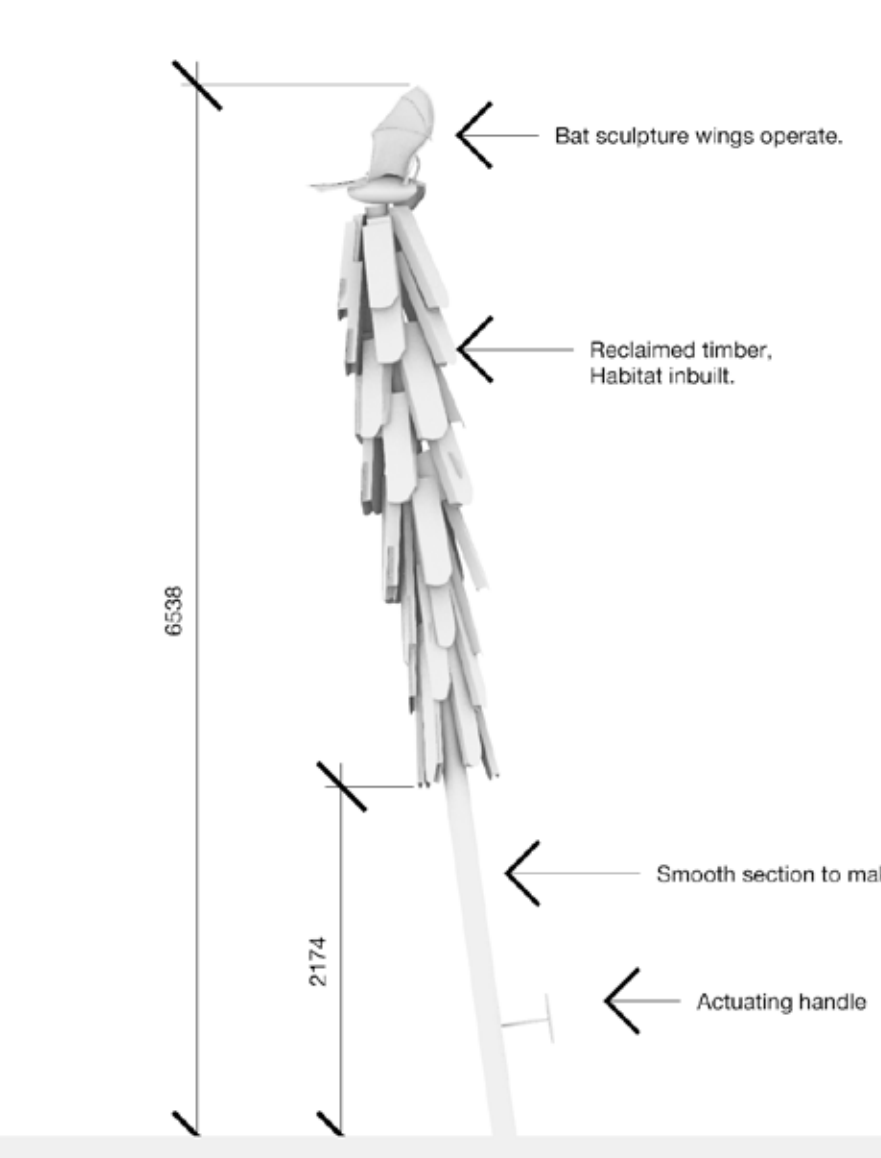
Elevation View

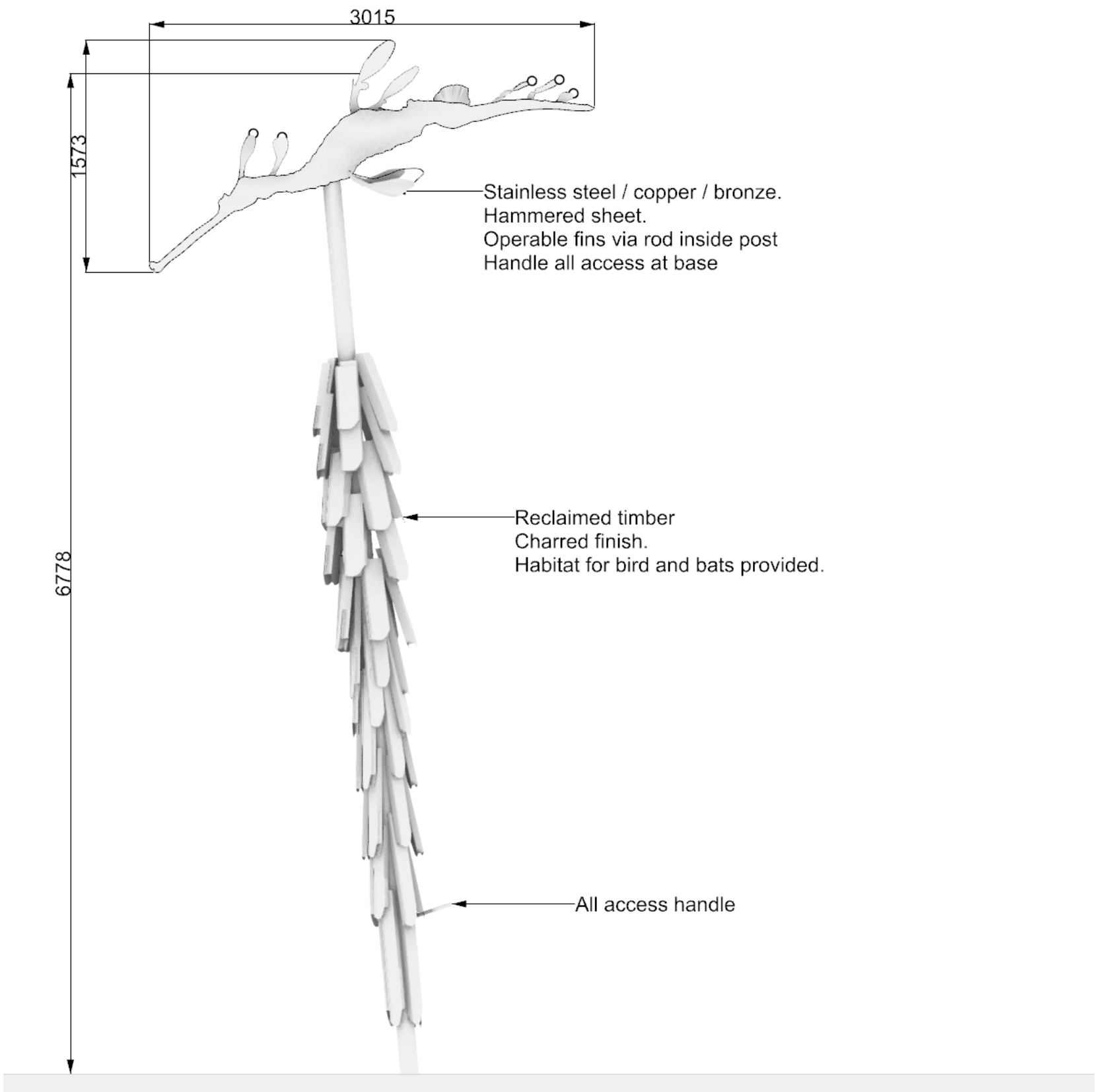


3B Bat post

3C Moth post

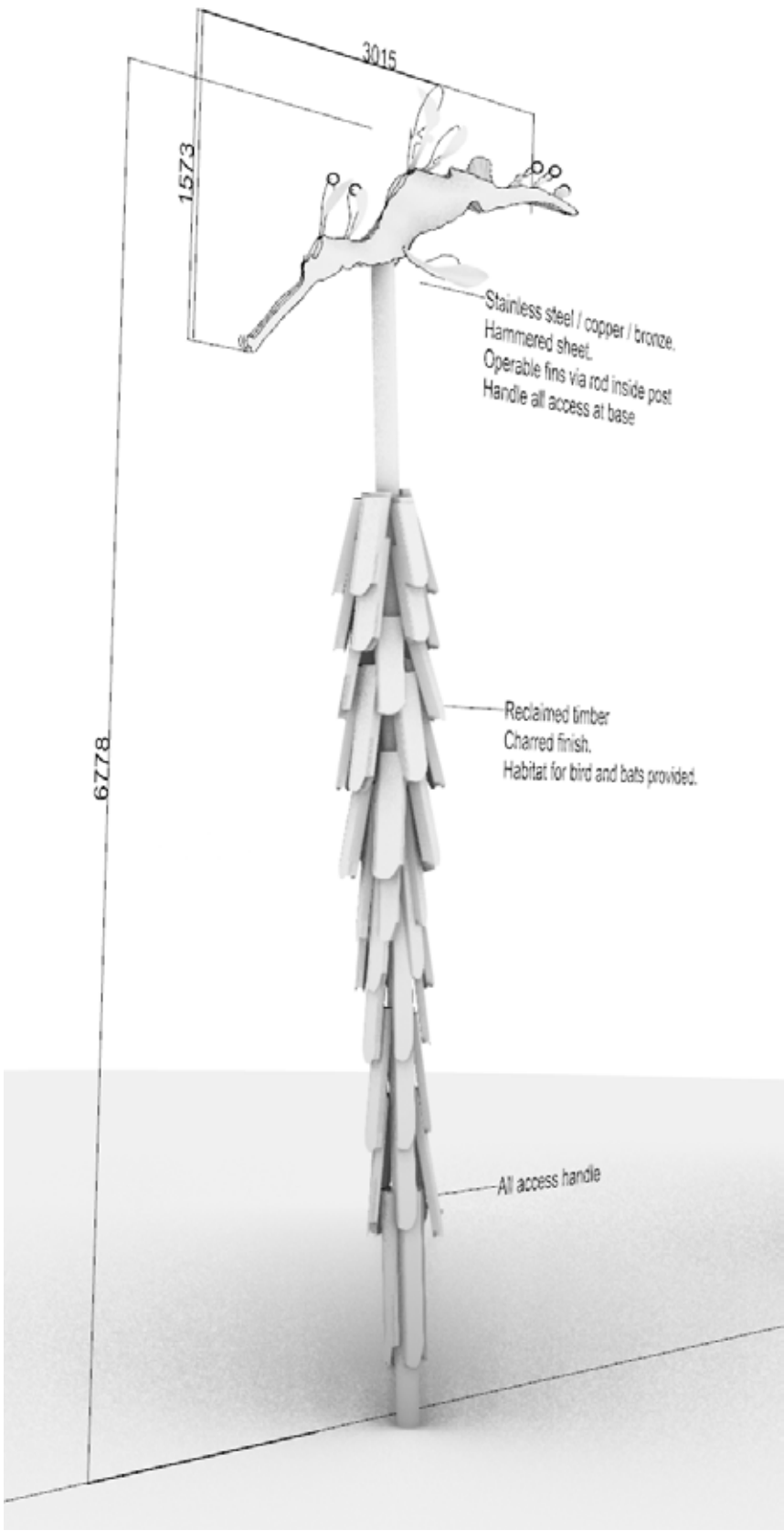
3D Dragonfly post

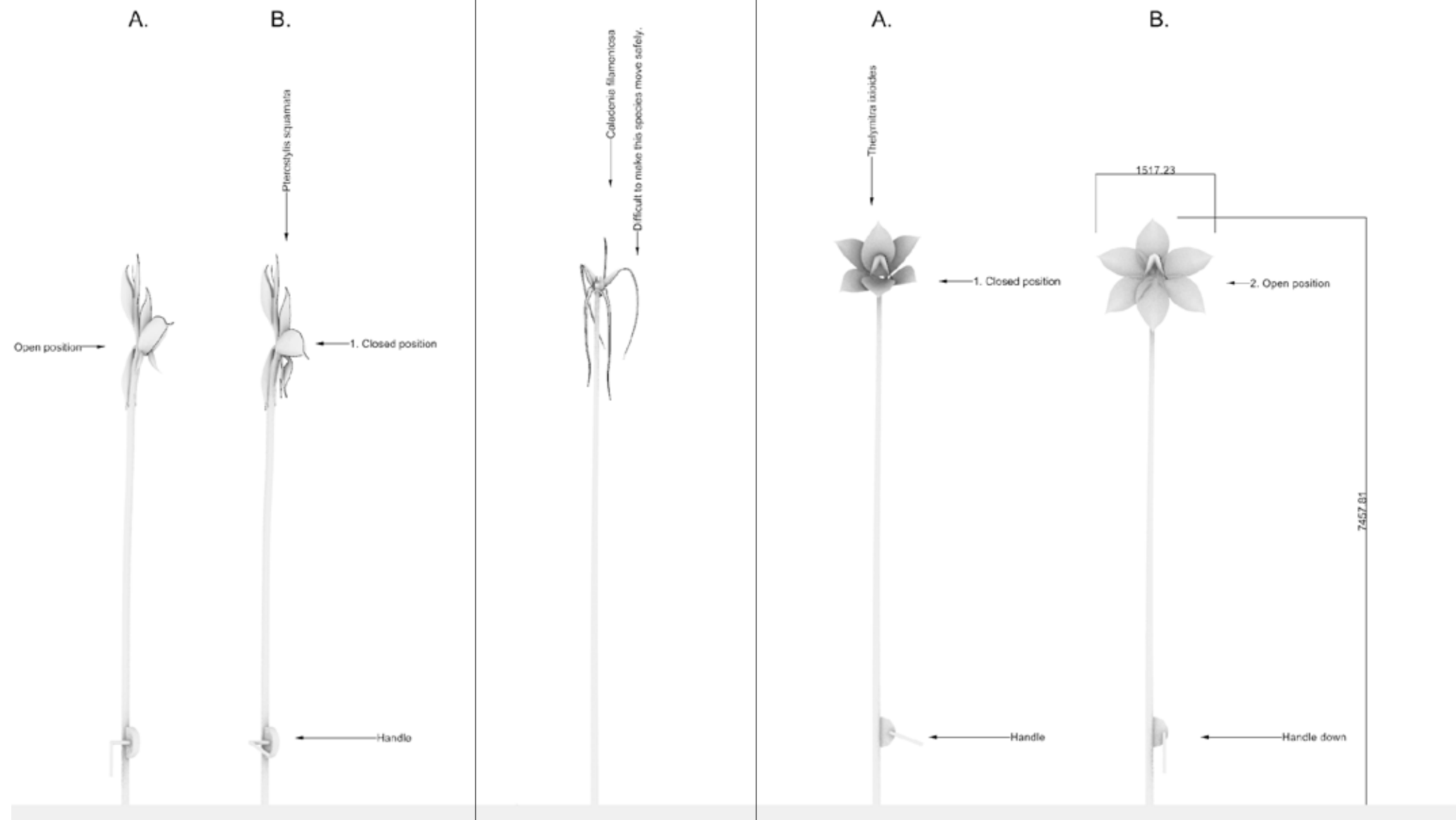




Sea Dragon

Actuated element on posts.



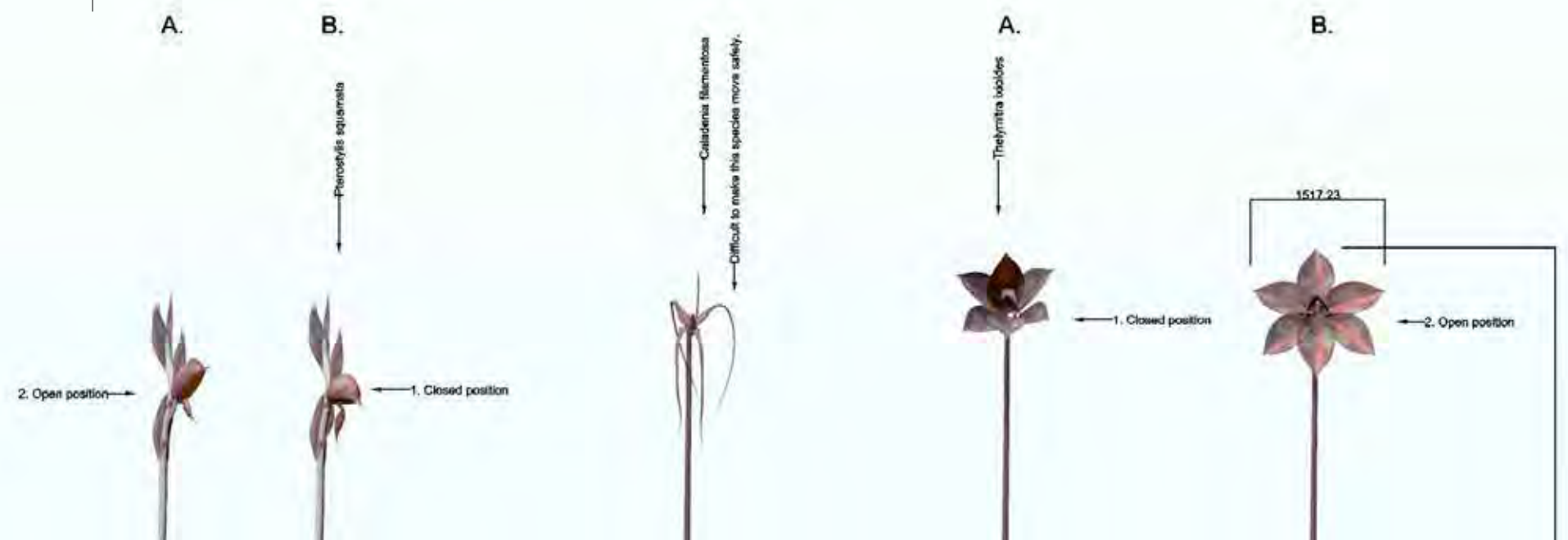


Local Orchids - showing operation

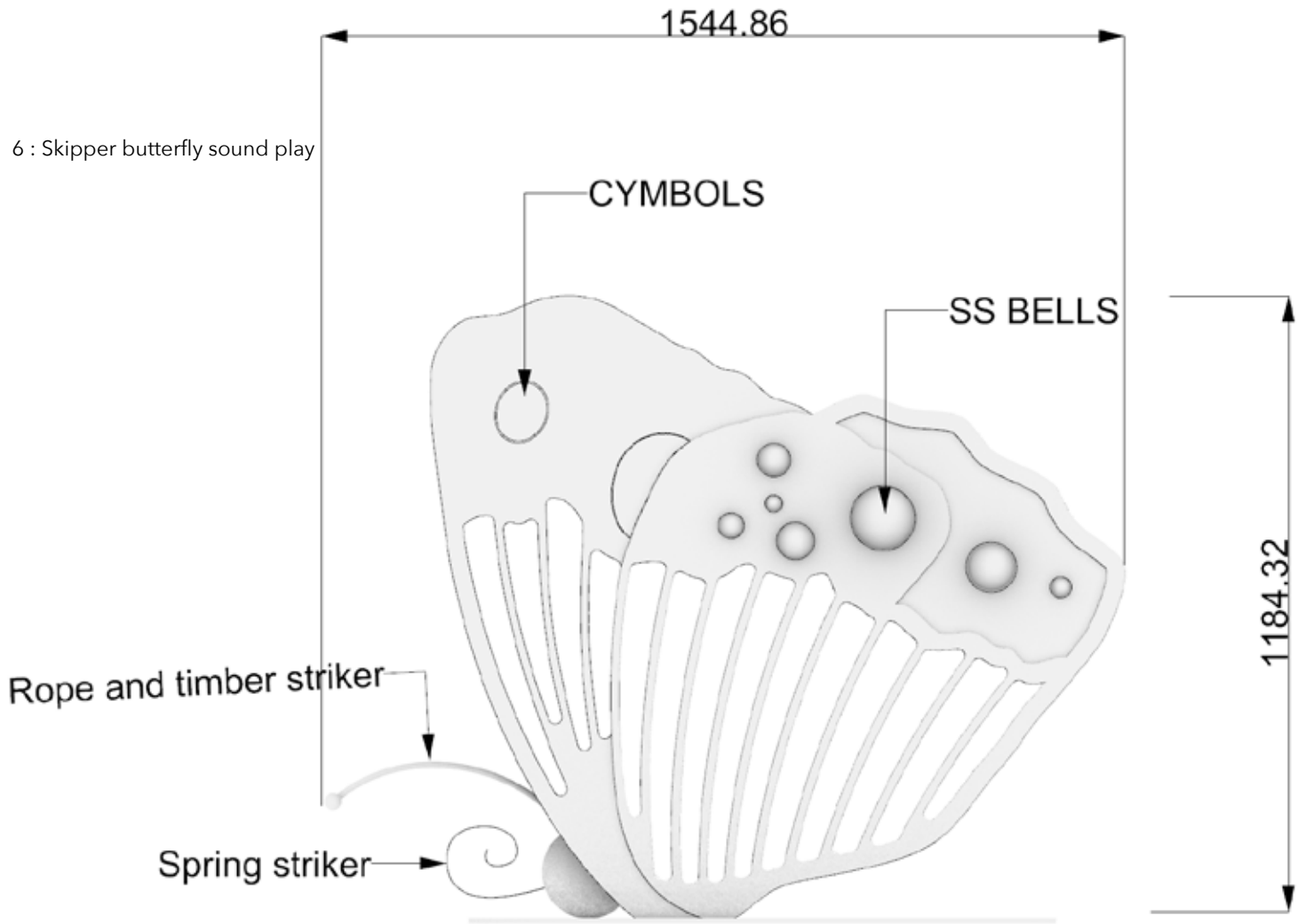
Actuated elements on posts.

Approx 7m high.

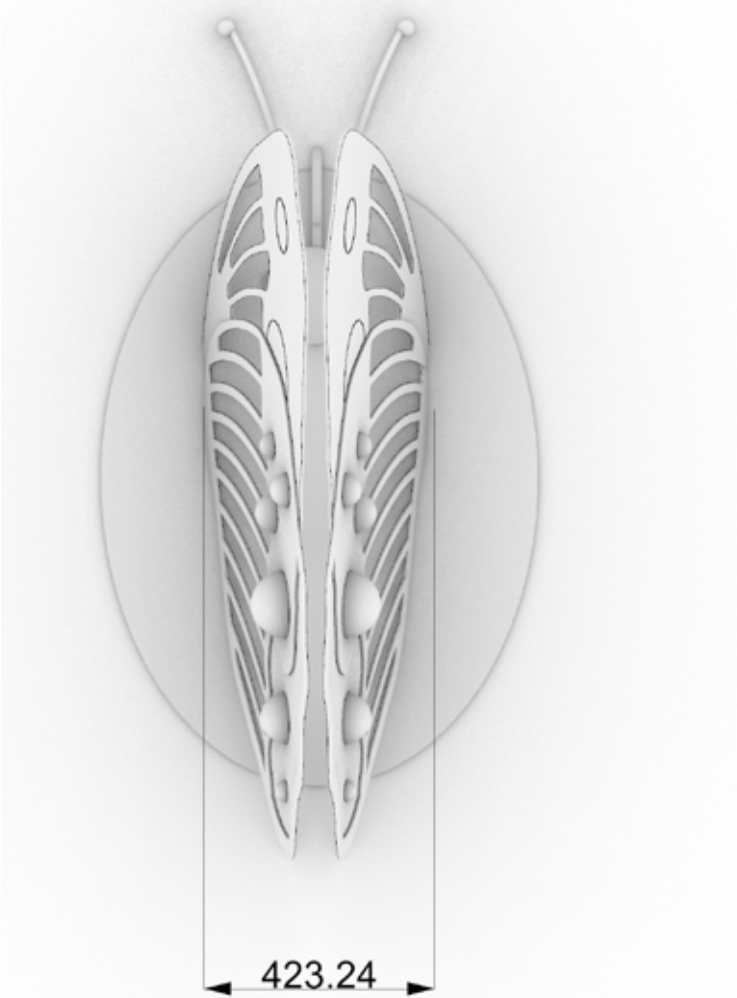
Local Orchids - showing copper buff over stainless sheet.
Actual mechanism to be resolved through R+D process. Sample provided for approval.
Actuated elements on posts.



Elevation view



Plan view



KINGSTON PARK - NATIVE SPECIES LIST						
PHOTO	SCIENTIFIC NAME	COMMON NAME	PLANT COMMUNITIES	FAUNA COMMUNITIES	EDIBLE?	NOTES
	<i>Acacia mearsnii</i>	Black Wattle	Dry woodland,	Bettong, Thylacine, Quoll, Butterfly	Yes, bark can be brewed into tea, sap	
	<i>Acacia mucronata</i>	Catarpillar Wattle	Dry woodland, wet soaks	Bettong, Thylacine, Quoll	Edible seeds	
	<i>Allocasuarina littoralis</i>	Black Sheoak	Dry woodland,	Bettong, Thylacine, Quoll		
	<i>Allocasuarina vertical-lata</i>	Drooping Sheoak	Dry woodland, coastal	Bettong, Thylacine, Quoll		
	<i>Arthropodium milleflo-rum</i>	Vanilla Lily	Dry woodland, moist position	Bettong, Thylacine, Quoll	Yes, tubers	
	<i>Atriplex cinerea</i>	Coastal Saltbush	Coastal		Yes, leaves	
	<i>Austrostipa stipioides</i>	Prickly Spear Grass	Dry woodland, coastal	Bettong, Thylacine, Quoll		
	<i>Banksia marginata</i>	Silver Banksia	Dry woodland,	Bettong, Thylacine, Quoll, Bat	Yes, nectar	Insect attracting, base of food chain
	<i>Banksia serrata</i>	Saw-leaf Banksia	Dry woodland,	Bettong, Thylacine, Quoll, Bat	Yes, nectar	Insect attracting, base of food chain
	<i>Bedfordia salicina</i>	Tasmanian Blanket-leaf	Cool rainforest	Eagle, worm		
	<i>Billiardiera longiflora</i>	Climbing Blueberry	Dry forest, cool position		Yes, berries	S/E Tas endemic, bird attracting
	<i>Blechnum nudum</i>	Fishbone Waterfern				
	<i>Boronia anemonifolia</i>	Sticky Boronia	Dry woodland,	Bettong, Thylacine, Quoll		Sandy soils
	<i>Callistemon pallidus</i>	Lemon Bottlebrush			Yes, nectar	
	<i>Carex appressa</i>	Sedge	Dry woodland,	Bettong, Thylacine, Quoll		
	<i>Carpobrotus rossii</i>	Pigface	Coastal, Dry woodland	Bettong, Thylacine, Quoll	Yes, leaves and fruit	
	<i>Chrysocephalum apicu-latum</i>	'Silver Sunburst'				
	<i>Chrysocephalum apicu-latum</i>	Yellow Buttons	Dry woodland,	Bettong, Thylacine, Quoll, Butterfly		
	<i>Coprosma quadrifida</i>	Prickly Currant Bush				
	<i>Correa alba</i>	White Correa			Yes, leaves can be infused for tea	

KINGSTON PARK - NATIVE SPECIES LIST						
PHOTO	SCIENTIFIC NAME	COMMON NAME	PLANT COMMUNITIES	FAUNA COMMUNITIES	EDIBLE?	NOTES
	<i>Dianella tasmanica</i>	Tasman Flax Lily	Cool rainforest, Dry woodland, wet soaks		Yes, berries	
	<i>Durvillaea potatorum</i>	Bull Kelp	Intertidal zone	Seadragon		
	<i>Ecklonia radiata</i>	Common Kelp	Intertidal zone	Seadragon		
	<i>Eucalyptus amygdalina</i>	Black Peppermint	Dry woodland,	Bettong, Thylacine, Quoll, Butterfly		
	<i>Eucalyptus cordata ssp cordata</i>	Eastern Tasmanian Silver Gum	Dry woodland,	Bettong, Thylacine, Quoll		
	<i>Eucalyptus delegatensis</i>	Alpine Ash	Cool rainforest, alpine	Eagle, worm		
	<i>Eucalyptus globulus</i>	Blue Gum		Bat		
	<i>Eucalyptus obliqua</i>	Stringeybark	Dry woodland, Cool rainforest	Eagle, worm		
	<i>Eucalyptus pulchella</i>	White Peppermint	Dry woodland,	Bettong, Thylacine, Quoll		
	<i>Eucalyptus regnans</i>	Tasmanian Mountain Ash	Cool rainforest, alpine	Eagle, worm		
	<i>Eucalyptus viminalis</i>	White Gum		Bat		
	<i>Ficinia nodosa</i>	Knotted Club Rush	Dry woodland,	Bettong, Thylacine, Quoll		
	<i>Gahnia microstachya</i>	Slender Saw-sedge	Dry woodland,	Bettong, Thylacine, Quoll, Butterfly		
	<i>Gahnia radula</i>	Thatch Saw-sedge	Dry woodland,	Bettong, Thylacine, Quoll, Butterfly		
	<i>Gaultheria hispida</i>	Snow Berry			Edible Berries on female plants	Shaded, moist position
	<i>Gymnoschoenus spherocephalus</i>	Button Grass		Skink		
	<i>Hakea megadenia</i>	Autumn Hakea	Dry woodland,	Bettong, Thylacine, Quoll	Yes, nectar	
	<i>Juncus pallidus</i>	Pale Rush	Dry woodland,	Bettong, Thylacine, Quoll		
	<i>Kennedia prostrata</i>	Running Postman	Dry woodland, coastal	Bettong, Thylacine, Quoll	Yes, nectar, leaves can be infused for tea	
	<i>Kunzea ambigua</i>	Sweet-scented Kunzea		Bat	Yes, leaves can be in-fused for tea or used for dry seasoning	Insect attracting, base of food chain

APPENDIX B: KINGSTON PARK NATIVE SPECIES LIST

KINGSTON PARK - NATIVE SPECIES LIST						
INDEX B: KINGSTON PARK NATIVE SPECIES LIST						
PHOTO	SCIENTIFIC NAME	COMMON NAME	PLANT COMMUNITIES	FAUNA COMMUNITIES	EDIBLE?	NOTES
	<i>Leptosperma filiforme</i>	Common Rapier-sedge		Skink		
	<i>Leptospermum nitidum</i>	Shiny Teatree		Skink		
	<i>Leucophyta brownii</i>	Cushion Bush				
	<i>Leucopogon parviflorus</i>	Coastal Currant	Coastal		Yes, berries	
	<i>Linum marginale</i>	Native Flax				
	<i>Lomandra longifolia</i>	Sagg	Dry woodland,	Bettong, Thylacine, Quoll	Yes, young shoots	
	<i>Lomatia tinctoria</i>	Guitar Plant	Dry woodland,	Bettong, Thylacine, Quoll		
	<i>Macrocystis pyrifera</i>	Giant Kelp	Intertidal zone	Seadragon		
	<i>Melaleuca squamea</i>	Hurricane		Skink	Yes, pollen	
	<i>Melaleuca squarossa</i>	Scented Paperbark		Bat	Yes, pollen	Insect attracting, base of food chain
	<i>Michrocahrys tetragona</i>	Creeping Strawberry Pine	Alpine		Yes, berries on female plants	
	<i>Olearia argophylla</i>	Musk Daisybush	Cool rainforest	Eagle, worm		
	<i>Poa labillardieri</i>	Common Tussock-grass				
	<i>Poa poiformis</i>	Coastal Tussock-grass				
	<i>Poa rodwayi</i>	Velvet Tussock-grass				
	<i>Prostanthera rotundifolia</i>	Round Leaved Mint Bush		Bat		Insect attracting, base of food chain
	<i>Sambuchus gaudichaudiana</i>	White Elderberry			Yes, berries	
	<i>Scleranthus biflorus</i>	Canberra Grass	Dry woodland,	Bettong, Thylacine, Quoll		
	<i>Stylidium grammifolium</i>	Trigger Plant	Dry woodland,	Bettong, Thylacine, Quoll		
	<i>Tasmannia lanceolata</i>	Mountain Pepper			Yes, leaves and seeds	

[illegible]

