

The background of the cover is a photograph of a coastal scene. On the right side, there is a large, green, spiky plant, possibly a Pandanus, growing on a rocky shore. The rocks are dark and jagged, extending into the water. The water is a vibrant blue-green color, with white foam from waves breaking against the rocks. In the distance, a low-lying coastline with some buildings is visible under a clear blue sky with a few wispy clouds. The text "KINGSFORD SMITH RESERVE MASTER PLAN" is overlaid on the image in large, bold, white and light green letters.

KINGSFORD SMITH RESERVE MASTER PLAN

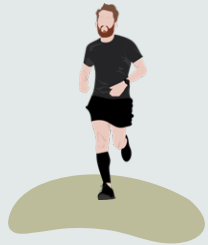




CONTENTS

Executive Summary	04
Kingsford Smith Reserve: Understanding it Today	06
A.1 - Strategic Context	08
A.2 - Our Site	10
A.3 - Site Characteristics and Opportunities	12
A.4 - Community Insights	14
Kingsford Smith Reserve: Your Vision	16
B.1 - Our vision for a Community Parkland	18
B.2 - Place Pillars	20
B.3 - Key Moves	24
Kingsford Smith Reserve: Our Plan for Revitalisation	26
C.1- The Master Plan	28
C.2 - Master Plan Strategies and Outcomes	34
C.3 - Access and Connectivity	35
C.4 - Play and Leisure	36
C.5 - Safety and Security	37
C.6 - Environment and Habitat	38
Kingsford Smith Reserve: Design Intent of Parks	48
D.1 - Commemoration Park	54
D.2 - Missingham Park	58
D.3 - Kingsford Smith Park	62
Kingsford Smith Reserve: Where to From Now	68
E.1 - Future Stages	70
E.2 - Costs and Priorities	70
Kingsford Smith Reserve: Appendix	72
F.1 - Fencing and Bollard Plan	74
F.2 - Commemoration Park	76
F.3 - Missingham Park	78
F.4 - Kingsford Smith Park	80





Executive Summary

A vision for a community open space that has something for everyone.

The master plan sets out a long-term vision for revitalisation of Kingsford Smith Reserve including, Kingsford Smith, Missingham and Commemoration parks. The plan offers a strategic tool for future investment and implementation that will deliver unprecedented community benefit with new facilities, amenity and activities connected by a new network recreation loops.

Kingsford Smith Reserve will bring the community together in an integrated sports and recreation parkland that celebrates our natural waterfront setting.

Master Plan Process



Why Master Plan Kingsford Smith Reserve?

Kingsford Smith Reserve provides a unique waterfront recreation and sporting precinct for the community of Ballina to enjoy. Made up of Commemoration Park, Missingham Park and Kingsford Smith Park, the precinct is regionally significant as the home of a number of community sporting teams. With some NSW Government funding currently available, the purpose of this master plan is to outline a vision for the future and ensure that any short-term investment is in line with the intent and long-term aspirations for the parkland.

As part of the master planning process we engaged with the key users and the general community and the following issues and opportunities have been identified;

- Club house improvements and new facilities
- Sports field and surrounds upgrades, including lighting, amenity, shade and carparking
- Greater connectivity around the parks with new recreation loops
- Additional playgrounds and opportunities for social gathering by the waterfront
- Retention and enhancement of natural landscape
- Skate park expansion
- Space and infrastructure for community events
- Improved safety throughout the parkland

The master plan outlines revitalisation measures which aim to create a precinct which will be loved by the local community and support local as well as significant high profile sporting events and regional visitation - all underpinned by a commitment to achieving riparian zone restoration and climate resilient landscapes.

It is not expected that the master plan will be implemented in one go, but will provide an overarching vision and intent for new and improved recreational activities that can be implemented over time. The master plan will identify areas of potential expansion and focus on providing new facilities and infrastructure that align with the broader recreational needs of Ballina and its community.

Master Principles



Community Focused



Locally Connected



Environmentally Responsible



Experiential Spaces

Master Plan





Kingsford Smith Reserve

Understanding it Today

Part A

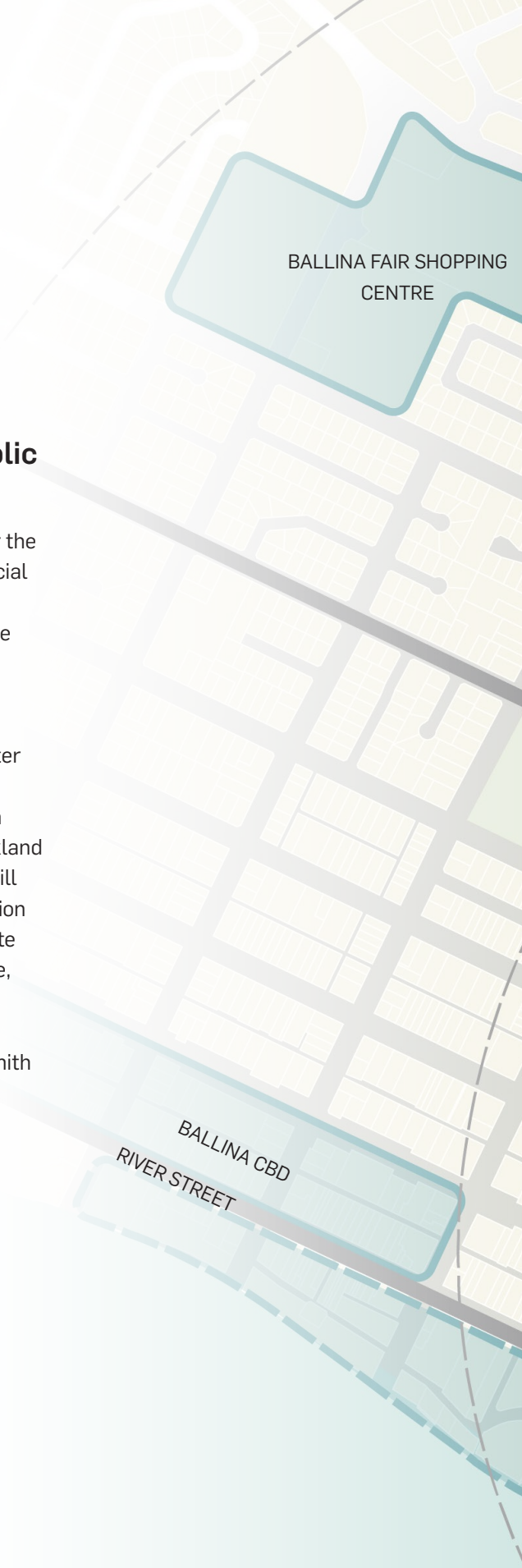
Strategic Context

An enviable waterfront setting at the convergence of the North Creek and Richmond River Estuaries and which is well connected to the CBD, other public facilities and residential areas.

Ballina is a regionally significant growth area and 'Strategic Centre' under the North Coast 2036 Regional Plan. Its continued strategic growth as the social and commercial hub of the Northern Rivers region is defined by its people and strong community ties. Its community is warm and welcoming and the lifestyle is laid-back, active and family orientated.

Kingsford Smith Reserve is strategically positioned on a waterfront peninsula, at the eastern extent of Ballina Island and forms part of a cluster of community recreation areas along the riparian interface. Providing 20Ha of open space, the reserve is a important community asset and with revitalisation, has the ability to transform into a regionally significant parkland that supports the needs and desires of the community. Its revitalisation will support the continued implementation of our Local Strategic Planning vision (2020-2040) to deliver public spaces and built environments that celebrate local character and provide opportunities for connection to culture, people, place and country.

As part of a broader network of parks and sporting facilities, Kingsford Smith Reserve provides the community with access to open space and diverse recreational facilities. That specifically respond to sports, recreation and leisure needs. Parts of Kingsford Smith Reserve are also identified within the Ballina Shire Sports and Recreation Facility Plan with series of key recommendations that align to broader open space objectives for Ballina.





H BALLINA DISTRICT HOSPITAL

S BALLINA COAST HIGH SCHOOL

S ST FRANCIS XAVIER PRIMARY SCHOOL

S BALLINA PUBLIC SCHOOL

BOOMERANG PARK*

KINGSFORD SMITH PARK

COMMEMORATION PARK

MISSINGHAM PARK

THE SPIT

PACIFIC OCEAN



Not to Scale



*Note : Boomerang Park is Crown land managed by others and is not part of this study area.

Our Site

In order to best understand how we can improve and enhance the function and environment of Kingsford Smith Reserve, we must first understand its key characteristics. The following pages summarise key features of the three separate parks and the potential opportunities for revitalisation in parallel with community engagement outcomes.

Master Plan Area

There are three areas of focus of the Master Plan of Kingsford Smith Reserve - Kingsford Smith Park, Missingham Park and Commemoration Park. Together the three parks form the master plan area that currently provides the community with much loved open space.

Each park provides complimentary uses that together form a 'park of parks' that supports the whole community. The site is situated within the riparian zones of the North Creek and Richmond River estuaries and also has strong connections to the water. Access to water (North Creek, the River, or Kingsford Smith Lake) is a defining feature of all parks.



Sub-Area Role and Function

Each of the parks have a specific primary focus and function that is to be enhanced through the master planning process within an overall context of environmental sustainability and climate adaptability. In addition to this parks primary role and function, the parks also provide secondary uses that support park activation and utilisation.

The table opposite provides an overview of current park functions and the ancillary uses that occur.

Kingsford Smith Park	Sport
	Model boat users
	Passive recreation
Missingham Park	Active recreation
	Leisure and play
	Events
Commemoration Park	Passive recreation
	Events (Markets)
	Active recreation



What we see at Kingsford Smith Reserve?

The following images represent the unique character of Kingsford Smith Reserve - picturesque views, amazing native riparian and park vegetation and open grass areas and a number of opportunities for revitalisation to provide even better facilities and amenity for everyone.



Activation of and views to lake to be explored



Explore sports amenity building upgrade opportunities



Safety of carpark and general layout to increase connectivity and shade



Opportunity for shade



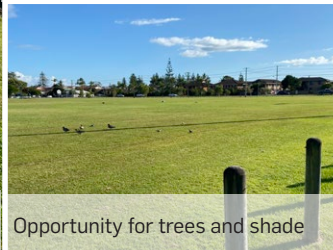
Wider path for multi-modal flow



Opportunity to expand skatepark



Activation of and views to Lake



Opportunity for trees and shade



Celebrate views over water



Enhance waterfront spaces with pavilions, BBQs and seating



Vegetation screening to define sporting areas



Natural coastal vegetation and passive spaces by the water

Site Characteristics and Opportunities

<p>Kingsford Smith Park</p>	<p>Views Kingsford Smith Reserve presents long views across the Sports Fields from most aspects of the park. There is an opportunity to frame the sporting field views with vegetation and enhance the sporting viewing experience through land form and shade. Formal tree arrangement can be used to heighten the precinct, the surrounding residents will be considered to not hinder their key views of the park. The lake is currently shielded by vegetation including long grasses that if opened will provide views and casual surveillance from the surrounding areas to the waterbody.</p> <p>Access and Parking Vehicle access for parking is currently located on Bentinck Street. This internal parking area serves the whole precinct and presents a number of safety issues between access to the fields and sports amenity buildings. Street parking is available along all surrounding streets on the verge however, can be formalised to support access. Re-configuration, additional parking areas and safe road crossing points will provide a safer environment and offers more direct access to the different sporting precincts.</p> <p>Pedestrian Connectivity Fenced areas of the hockey field and senior rugby league oval reduce the pedestrian connectivity. There is an opportunity to re align the fence line of the rugby league field to open up a connection through the centre of the park to the lake and through to Kingsford Smith Drive. The formalisation of pedestrian paths also supports desired movement and provides internal and external connections for recreation and access to the network of activity nodes.</p> <p>Recreation and Amenity Network Kingsford Smith Park has a well established sporting field arrangement and provides the community with open space for general recreation. There is an opportunity to provide an additional level of utilisation through ancillary uses such a playground and gathering spaces to activate the lake and support the sporting function.</p> <p>Landscape and Riparian Vegetation The park has limited canopy tree vegetation which should be provided for shade and comfort around the parkland. Around the lake, existing trees should be retained and new endemic wetland vegetation should be located to improve and protect the riparian zone. Planting will provide greater views through to the lake, assist with CPTED issues and broader estuary management.</p>
<p>Missingham Park & Commemoration Park</p>	<p>Views Both Missingham and Commemoration parks provide amazing views across Richmond River and North Creek. These views are open to the waterfront promenade but provide opportunity for more spaces to inhabit the waters edge and appreciate the site's northerly and easterly aspect.</p> <p>Access and Parking Parking is limited to Missingham Park and street parking. There is opportunity to reconfigure the parking within Missingham park to create landscape space along the waterfront and provide better visibility of parking from Kingsford Smith Drive.</p> <p>Pedestrian Connectivity Formalised pedestrian connectivity is limited to the waterfront and to access Missingham Bridge. By providing a secondary network of lower order paths, it will provide more accessibility to future spaces.</p> <p>Recreation and Amenity Network Both Missingham and Commemoration parks provide opportunities for passive and active recreation and spaces for social gathering. The parks infrastructure including pavilions, amenities and general opportunities for utilisation can be enhanced through new inclusions that support the desires of the community.</p> <p>Landscape and Riparian Vegetation The natural vegetation along the waterfront provides significant environmental and ecological value that is to be retained and enhanced. The retention of trees and habitat protection and creation is a high priority in order to achieve natural processes and provide shade and comfort for users.</p>

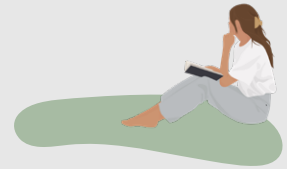


Opportunity for Revitalisation

The above plan and table opposite provides a high level assessment and outline of areas of revitalisation to be considered in parallel with the community consultation process.

SPORTS	S1	Sports building and change room facilities
	S2	Playing surface and infrastructure
	S3	Spectator amenity and surrounds
	S4	Security and safety
	S5	Co-location of sport amenity building and facilities
ACCESS	A1	Distributed carparking areas
	A2	Pedestrian safety (vehicle and CPTED)
	A3	Pedestrian connectivity and new networks
ENVIRONMENT	E1	Provision for more landscaped spaces
	E2	Riparian habitat protection and creation and natural landscape
	E3	Parkland activation and amenity
	E4	Lake surrounds and cross-connections

Community Insights and Desires



To help guide the master plan, we engaged with key user groups and the general community to find out more about the demographic of users, how they use the parks and their current needs and future aspirations. The engagement process and information dissemination to date has included:

online survey, meetings with key stakeholder user and sporting groups, letterbox drop to adjoining residences, web site content, social media posts and links, community connect article and radio interviews and promotion. The following summarises the communities desires.

The engagement with stakeholders identified several key outcomes for the masterplan and future needs of groups addressed:

1. Adequately provide for the future sporting needs, allowing for growth of their sport
2. Provide improved facilities (amenities, change rooms, playing surfaces, seating, storage facilities) that comply with the peak sporting standards
3. Be considerate of environment and climate
4. Safer and more accessible areas for park users

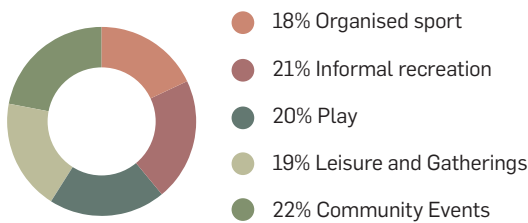


666 Responses



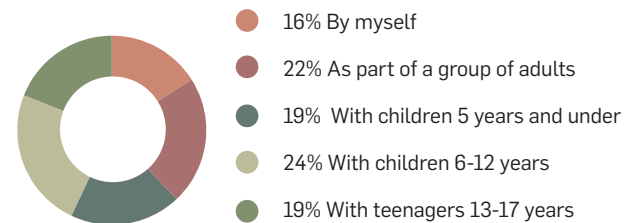
1+ Most people use one or more of the parks weekly

Why I come to one of the parks



2+ Most people visit for more than 2 reasons

Who do you enjoy the park with?



>60% Enjoy the park with kids



Top 10 Values

Your shared vision for the Master plan of Kingsford Smith Reserve

1. Keep it family friendly
2. Keep the role and function of each park
3. Keep a predominate natural landscape feel
4. Improve safety and lighting
5. Improve sporting facilities
6. Improve connectivity between the precincts
7. Provide inspiring play
8. Create new parkland spaces with shade
9. Expand the skate and bike facilities
10. Make it accessible to all

The following list summarises the key values and actions to be implemented across Kingsford Smith Reserve

Top 10 Priorities For Each Park

Your highest priorities for change at each park

The following list summarises the key areas of focus and action for each park in order of priority based on the results of the online survey and key stakeholder engagement sessions

Missingham

- | | |
|-------------------------------------|--|
| 1. Toilets and amenities | 6. Water play |
| 2. Picnic and BBQ facilities | 7. Seating along the waterfront |
| 3. Carparking, lighting and safety | 8. Playground facilities for teens (12-16 age) |
| 4. Playground facilities (0-12 age) | 9. Skatepark expansion |
| 5. Multi-use pathways | 10. BMX or pump track |

Commemoration

- | | |
|--|--------------------------------------|
| 1. Lighting and safety | 6. Open lawns and passive open space |
| 2. Flexible space for community events | 7. Natural vegetation areas |
| 3. Picnic shelters and BBQs | 8. Landscaping |
| 4. Playground | 9. Cycling support infrastructure |
| 5. Seating along waterfront | 10. Exercise equipment |

Kingsford Smith

- | | |
|---------------------------------------|---------------------------------|
| 1. Lighting and safety | 6. Multi-use pathways |
| 2. Shaded seating and spectator areas | 7. Playground facilities |
| 3. Shelter and weather protection | 8. Carparking |
| 4. Improved sports amenity buildings | 9. Improved accessibility |
| 5. Improved sporting fields | 10. Access to the waterway/lake |

Public Exhibition Feedback

Your comments after the masterplan public exhibition

After the public exhibition period we further engaged with the community. The following list summarises the most popular features of each park area.

152
Responses



>90%

Strongly agree or agree with the broader masterplan vision



Missingham

- | | |
|---|--|
| 1. Expanded skate park with street skate plaza and scooter track | space for community exercise |
| 2. A series of play spaces, including the undercover toddler play area, discovery playground and an adventure playground themed around a casuarina forest | 4. Lighting of the skatepark area (time limits would apply) |
| 3. Half-court basketball court and additional hardstand | 5. Widened waterfront promenade / path with seating and pavilions / shelters |

Commemoration

- | | |
|---|--|
| 1. Toilet facility upgrades | support safe crossing between Kingsford Smith Park and Commemoration Park |
| 2. Waterfront lawn area with landscaped pavilions / shelters for social gatherings or picnics | 5. Passive play elements such as public art which can be used by children as an item of play |
| 3. Market lawn (an open grassy area to support uses such as markets) | |
| 4. Pedestrian crossing or refuge on Bentinck Street to | |

Kingsford Smith

- | | |
|--|---|
| 1. New or improved sport surfaces, fields, courts and associated sports facilities | comfort for sports spectators and other users |
| 2. New or renovated sports amenity buildings | 5. Reconfigured parking to provide better access to sporting destinations and safer pedestrian movement |
| 3. Shelter structures and seating to support all season sports viewing | 6. Recreation paths (including a 1500m loop) that connect sporting precincts and allow for equitable access to facilities and various parts of the park |
| 4. Landscaping to provide visual amenity, shade and | |



Kingsford Smith Reserve

Your Vision



Part B

Our Vision For a Community Parkland



Kingsford Smith Reserve: The recreational heart of the Ballina region, where the community comes to meet and play by the river.

As a destination that brings the community together in an integrated sports and recreation parkland, Kingsford Smith Reserve will offer opportunities for play, leisure and social gatherings in a natural coastal environment that celebrates our enviable waterfront setting. It will be responsive to the natural environment and existing and future activity and will reflect our aspirations as a coastal community. It will acknowledge and celebrate the community's connection to the park and provide an environment that everyone can enjoy.

Kingsford Smith Reserve will provide unprecedented sports, recreation and leisure opportunities within one destination. Defined by an active landscape that embodies both natural riparian ecosystems and a community parkland, Kingsford Smith Reserve will be a place where everyone comes together.

Kingsford Smith Reserve will also be a place of discovery and play - a place surrounded by fauna and flora that connects a true natural setting to a sports and leisure destination. New or renovated sports amenity building, new facilities and amenities, new playgrounds, new gathering spaces and family zones will be connected by a network of new active recreation paths.

In order to shape the way the community experiences Kingsford Smith Reserve the following Place Principles have been developed to ensure a meaningful environment is created that supports the vision of delivering a parkland for all people. These Place

Principles will inform all elements of the master plan to ensure that the future success of Kingsford Smith Reserve is grounded, responsive and community driven.



COMMUNITY FOCUSED



LOCALLY CONNECTED



ENVIRONMENTALLY RESPONSIBLE



EXPERIENTIAL SPACES



Create a parkland that promotes community through spaces that cater for all, all year round.



Create a parkland that retains and restores riparian ecosystems and provides enhanced and climate resilient environmental benefits.



Create a parkland that is connected through a network of recreation loops that support well-being and safety.

A
RECREATIONAL
HEART
FOR BALLINA



Create a parkland that expands the recreational and leisure offer and provides new ways to experience the open space.

Place Themes

Six key place themes have been established based on existing and future opportunities of how Kingsford Smith Reserve will be used by the community. The following section articulates how the vision will be achieved through specific actions and outcomes across the park. These actions will be implemented within the master plan and future delivery of the parkland.

The master plan acknowledges and appreciates the significant location of the site at the convergence of the North Creek and Richmond River estuaries and within the sensitive estuarine riparian buffer. Ecological restoration which protects and enhances the quality of the riparian buffer and achieves climate resilient landscapes is a core objective which underpins all place themes and actions of the plan.



A

SPORTS

Enhance the ongoing role of Kingsford Smith Park as a regionally significant sporting hub



B

LEISURE

Re-invigorate the parkland with new social spaces that support our coastal lifestyle



C

RECREATION

Facilitate active recreation connectivity and create new opportunities across the parkland



D

PLAY

Create opportunities for play that cater for all ages and abilities



E

CULTURE

Instill a sense of community through social infrastructure that celebrates our culture - past and present



F

ECOLOGY

Protect and restore the parklands natural areas and systems and improve biodiversity within the riparian buffer



SPORTS

A

Enhance the ongoing role of Kingsford Smith Park as a regionally significant sporting hub



Rationale

Community sports will remain the key focus of Kingsford Smith Reserve. As a park that houses Rugby League, Cricket, Hockey and Netball, it will provide new and improved facilities that supports the growth of each sporting group and the playing, training and spectator experience within the parkland.

Master Plan Actions

- | | |
|-----|---|
| A.1 | Improve sporting facilities to create a greater playing and spectator experience |
| A.2 | Co-locate facilities to maximise utilisation and activation |
| A.3 | Transform sports fields surrounds into parkland to provide shade and shelter |
| A.4 | Re-organise parking across the parkland to improve accessibility and safety |
| A.5 | Provide new and enhanced facilities to peak sporting association standards for the growth of community sport and active lifestyles. |



LEISURE

B

Re-invigorate the parkland with new social spaces that support our coastal lifestyle



Rationale

Across all the three individual parklands a multitude of new social spaces will be inserted into the landscape to provide opportunities to come together or to find a space for respite. The insertion of pavilions, seating and breakout lawns will add a new layer of vibrancy and activation to the parkland that works within the existing natural landscape.

Master Plan Actions

- | | |
|-----|--|
| B.1 | Provide opportunities for social gathering |
| B.2 | Create flexible spaces for people that embrace the waterfront setting |
| B.3 | Provide sheltered seating and passive leisure spaces |
| B.4 | Create new pockets of landscape that allow for exploration and discovery |
| B.5 | Provide better amenity and access for existing leisure activities within the reserve |
| B.6 | Celebrate and invigorate the existing composition and values of each park |



RECREATION

C

Facilitate active recreation connectivity and create new opportunities across the parkland



Rationale

Both individually and as a whole, Kingsford Smith Reserve will provide a series of renovated and new recreation opportunities that are connected by a safe network of paths that provide connectivity across the three parks.

Master Plan Actions

C.1	Improve and expand the recreation paths and facilities to foster an active community
C.2	Provide new facilities for community use
C.3	Create walking loops that connect the parkland
C.4	Provide inclusive access and all abilities recreational opportunities.
C.5	Investigate opportunities to assist the development and growth of sporting groups



PLAY

D

Create opportunities for play that cater for all ages and abilities



Rationale

New and inspiring play will be added to all three parks to activate and support family utilisation of the parkland. Based around nature and discovery, the new play elements will cater for all ages and abilities.

Master Plan Actions

D.1	Investigate opportunities to improve skate park and offer active play opportunities
D.2	Explore opportunities for interactive nature play
D.3	Create an inclusive and all abilities playscape
D.4	Provide opportunities for passive play based around nature and adventure themes



CULTURE

E Instill a sense of community through social infrastructure that celebrates our culture - past and present



Rationale

Kingsford Smith Reserve will celebrate the community's history and cultural heritage through education, story telling and by providing spaces that support community and cultural events

Master Plan Actions

- E.1 Create open spaces that cater for community events and activities of a variety of scales
- E.2 Use landscape elements to create a narrative around place and cultural heritage
- E.3 Provide opportunities for public art and education about 'Country', culture, people and heritage
- E.4 Create a distinct coastal and riparian landscape character through materiality and planting



ECOLOGY

F Protect and restore the parklands natural areas and systems and improve biodiversity within the riparian buffer



Rationale

New landscape spaces will protect and enhance the quality of the riparian buffer and provide climate resilient landscape spaces for intergenerational enjoyment.

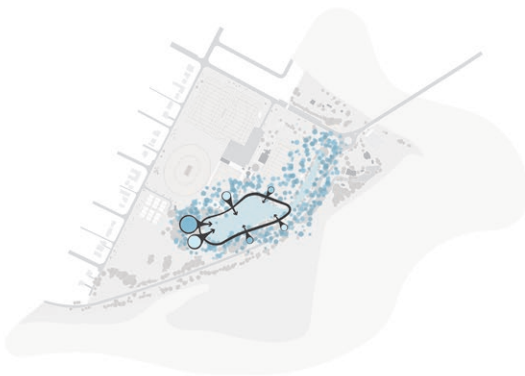
Master Plan Actions

- F.1 Work with existing trees to maintain canopy cover and preserve significant habitat areas
- F.2 Provide new and enhance habitat through native landscape planting compatible with the riparian context
- F.3 Maintain or improve the site hydrology and enhance the site's bio-retention and filtration capacity
- F.4 Provide opportunities for education about site specific features, interactions or processes
- F.5 Manage lighting to support night recreation activity consistent with guidelines to protect marine wildlife.

Key Moves of the Master Plan

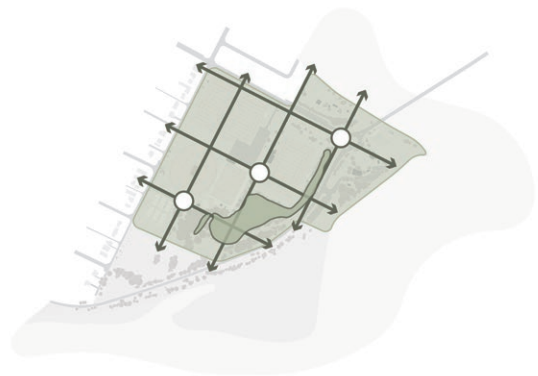
The design of the Master Plan is underpinned by a series of key moves that unlock the site's potential in order to facilitate the delivery of the vision and the Master Plan action set out in the previous section.

ACTIVATE THE LAKE



Create and connect activity nodes by the banks of the lake.

CREATE CONNECTIONS



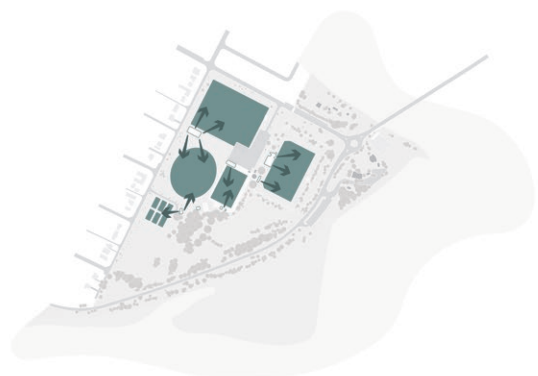
Deliver a hierarchy of paths that support strategic internal and external connections.

PROVIDE POCKETS OF PLAY



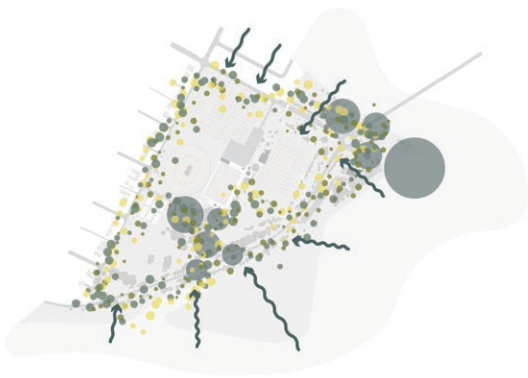
Invigorate pockets within the parks for leisure and play space.

ENHANCE THE SPORTING EXPERIENCE



Improve facilities and sports amenity building to better suit each sporting community.

PROTECT THE ENVIRONMENT



Embrace the reserves riparian context and natural attributes and support the existing habitats.

EMBRACE THE WATERFRONT



Emphasise the site's location at the edge of Ballina Island and increase opportunities for recreation and leisure along the waterfront.





Kingsford Smith Reserve



Our Plan for Revitalisation

Part C

The Master Plan

The plan opposite is a broad scale Master Plan and is supported by illustrations, key strategies and outcomes on the following pages. Although the content of the plan is well documented within this section, it is worth noting that additional detail of each park is provided in Part D - Our Key Places. The Master Plan is subject to detailed investigations, design and approvals.

LEGEND

Study Area	
KINGSFORD SMITH PARK	MISSINGHAM PARK
Formalised parking to Owen Street and Bentinck Street	01 Reconfigured parking area and drop-off zone 01
Reconfigured central parking area with safe crossing points where pedestrians have priority	02 Half court basketball and hard-stand space for events 02
New parking area	03 Tree top playground 03
Tree planting to provide shade and edge to parkland and parking areas	04 Toddler playground with existing shelter 04
Landscape tiered seating	05 Event lawn and stage 05
Infrastructure to activate space	06 Shaded break out lawns 06
Shared sports amenity building (new)	07 Waterfront landscape pavilions 07
Formalised cricket oval and existing nets	08 Expanded skate park 08
New netball courts	09 Scooter track 09
Existing model boat group	10 Widened waterfront path with seating 10
Primary sports amenity building including new / renovated change rooms, toilets and showers	11 Control vehicle access to grassland, formalised carparking along Kingsford Smith Drive 11
Existing community youth riparian planting area to be protected	12 Existing significant trees habitat areas 12
Safe road crossing point	13 COMMEMORATION PARK
Traffic calming to slow traffic on Owen Street and Bentinck Street	14 Open area for a market lawn 01
Existing hockey fields with new amenities and change facilities	15 Widened waterfront path with seating 02
Revitalised lake edge, riparian vegetation restoration, and new lakeside walk with bridge crossing and boardwalk	16 Existing and renovated amenities 03
Lakeside nature play	17 Breakout lawns 04
Improved pathway access to the lake from Kingsford Smith Drive car parking	18 Waterfront landscape pavilions 05

NORTH CREEK



RICHMOND RIVER

SCALE 1:2500 0 20 40 60 80 100 120





INDICATIVE VIEW OF WATERFRONT
PROMENADE FROM MISSINGHAM PARK





INDICATIVE VIEW OF LAKE AND NATURE PLAY



Master Plan Strategies and Outcomes

Kingsford Smith Reserve will transform into a place of play, sport, celebration, surprise and fun. New sporting facilities, shady open space, community lawns, riparian vegetation, nature playgrounds, recreation loops and a lively waterfront promenade come together to create a truly diverse and well-connected environment where everyone is welcome.

Kingsford Smith Park, Missingham Park and Commemoration Park offer unique landscape experiences that are integrated as a single destination through complementary opportunities to engage with the water and parkland and provide the community with an active and healthy coastal lifestyle.

This section of the report sets out in detail the design and delivery strategies and outcomes that underpin the Master Plan.

A SPORTS AND FACILITIES

B ACCESS AND CONNECTIVITY

C PLAY AND LEISURE AMENITY

D SAFETY, SECURITY AND LIGHTING

E ENVIRONMENT AND HABITAT

F LANDSCAPE CHARACTER

A

Sports and Recreation Facilities

Facilities and Surrounds

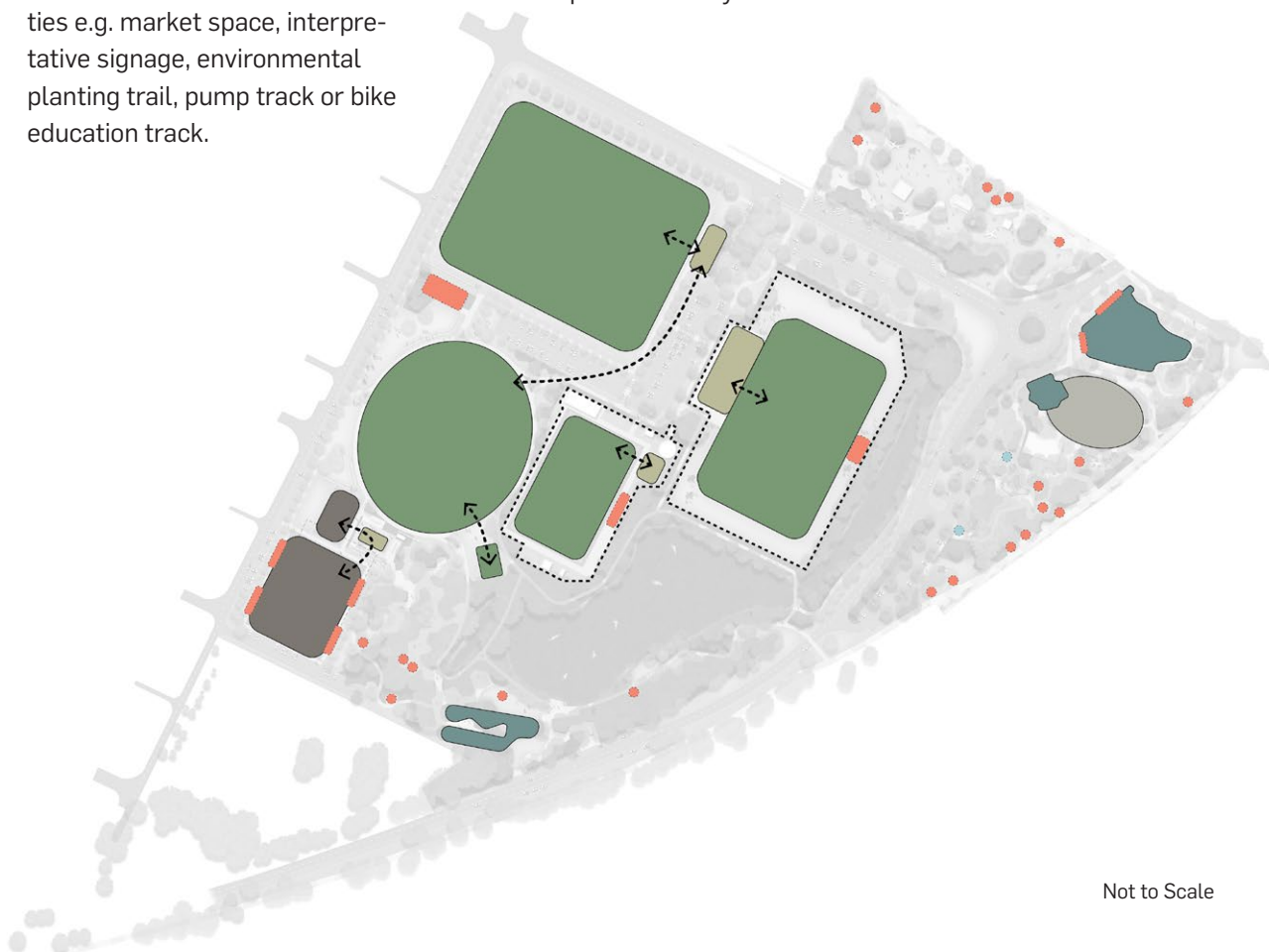
Key Outcomes

- Expanded skate park to include street course and a complimentary facility such as scooter track
- Shade creation through landscape and shelters
- Reconfigured parking areas to provide better accessibility and safety
- Provision for lighting upgrades to field areas at Kingsford Smith Park
- Activation of the area around the lake with new recreation facilities e.g. market space, interpretative signage, environmental planting trail, pump track or bike education track.

Amenity Buildings and Fields

Key Outcomes

- Renovated or new main sports amenity building including change rooms, toilets and showers complying to NRL standards for a regional standard facility
- New shared community sport amenity buildings
- New netball courts
- Upgraded sports field surfaces to correct drainage and comply with sporting standards
- New change rooms and amenities as part of Hockey site



Not to Scale



Note : Sports amenity building includes toilets, change rooms, storage area and other spaces determined by the particular sporting groups.

Access and Connectivity

Carparking and access

Key Outcomes

- Reconfigured parking areas to provide better accessibility and safety
- Increased capacity across site
- Trees to be planted around parking to provide shade
- Safe places for users to cross internal carparking areas
- Slower traffic in Owen Street (traffic calming)
- Additional lighting
- Formalised and shaded on street parking areas in Owen Street and Bentinck Street
- Safe road crossing points on Owen Street, Bentinck Street and Kingsford Smith Drive to connect the parks

Pedestrian and recreation loops

Key Outcomes

- Widened promenade along waterfront to support shared and equitable access
- New pedestrian circulation loops throughout parkland
- Creation of 1500m "Kingsford Smith Loop" for active recreation
- Provision for lakeside path and boardwalk to activate hidden pocket within Kingsford Smith Park
- Discovery paths through nature play zones

- Road Access
- - - Kingsford Smith Loop
- Footpath
- Waterfront Promenade
- Safe Road Crossing Point
- ▭ Improved Carparks



Not to Scale



Play and Leisure Amenity

Play

Key Outcomes

- New playground facilities within Missingingham Park that cater for all ages and abilities
- Provision for nature play by the lake at Kingsford Smith Park
- Infrastructure to activate the space, near the lake e.g. market or event space, interpretative walk, environmental plantings/trails, pump track or bicycle education track.
- Sculpture play and discovery through Commemoration Park

Amenities

Key Outcomes

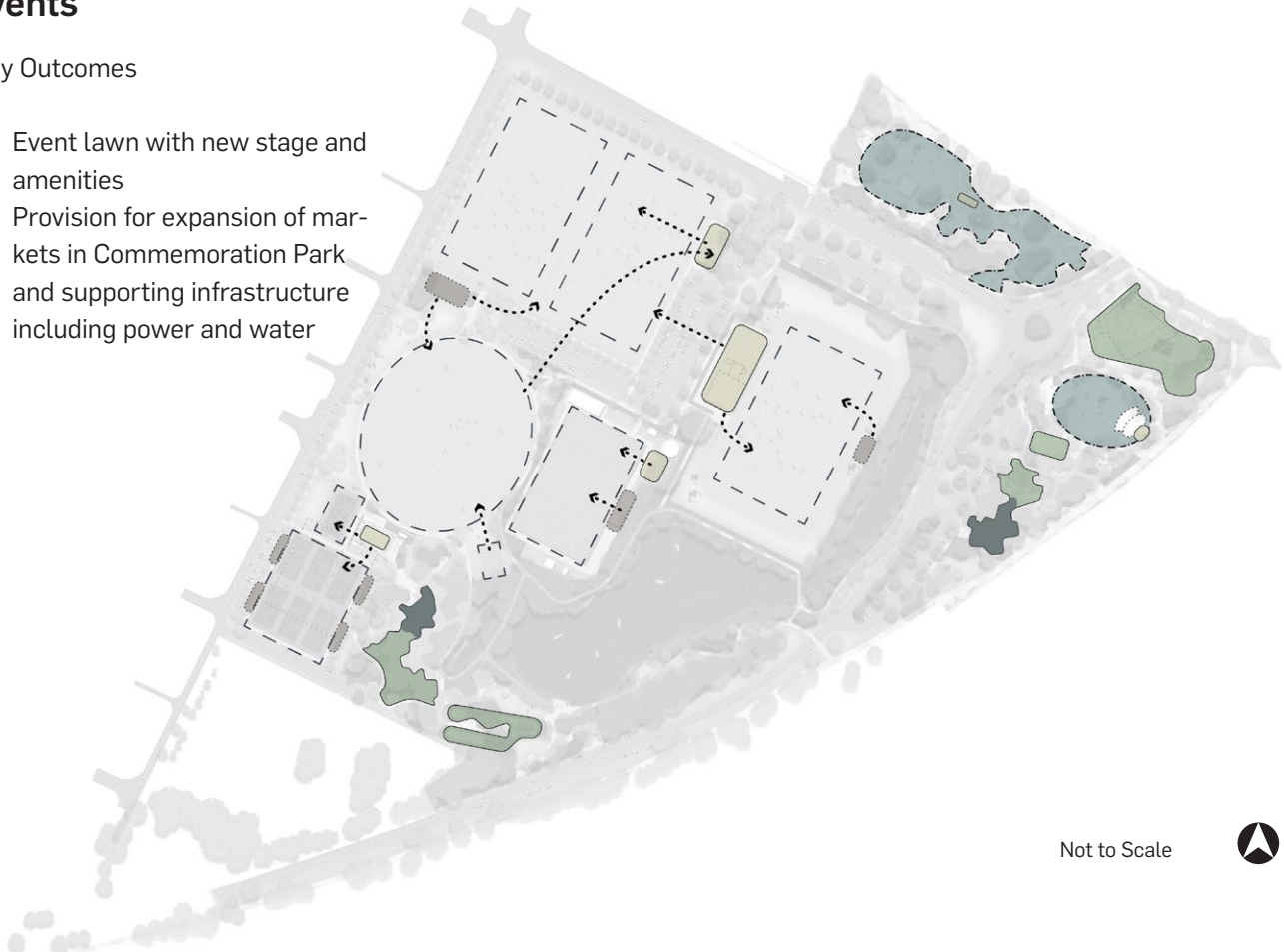
- Landscape pavilions with BBQ facilities adjacent to breakout lawns
- Shaded seating adjacent to the playgrounds to facilitate family gatherings and observation of playing children
- New public amenities block and stage at event lawn
- New public and sports specific amenities incorporated into sports buildings

- Sporting Areas
-> Sporting Area Connections
- Amenities
- Play Areas
- Nature Play Areas
- Open Leisure Areas
- Amphitheatre
- Shade Amenities

Events

Key Outcomes

- Event lawn with new stage and amenities
- Provision for expansion of markets in Commemoration Park and supporting infrastructure including power and water



Not to Scale



Safety, Security and Lighting

CTPED and Lighting

Key Outcomes

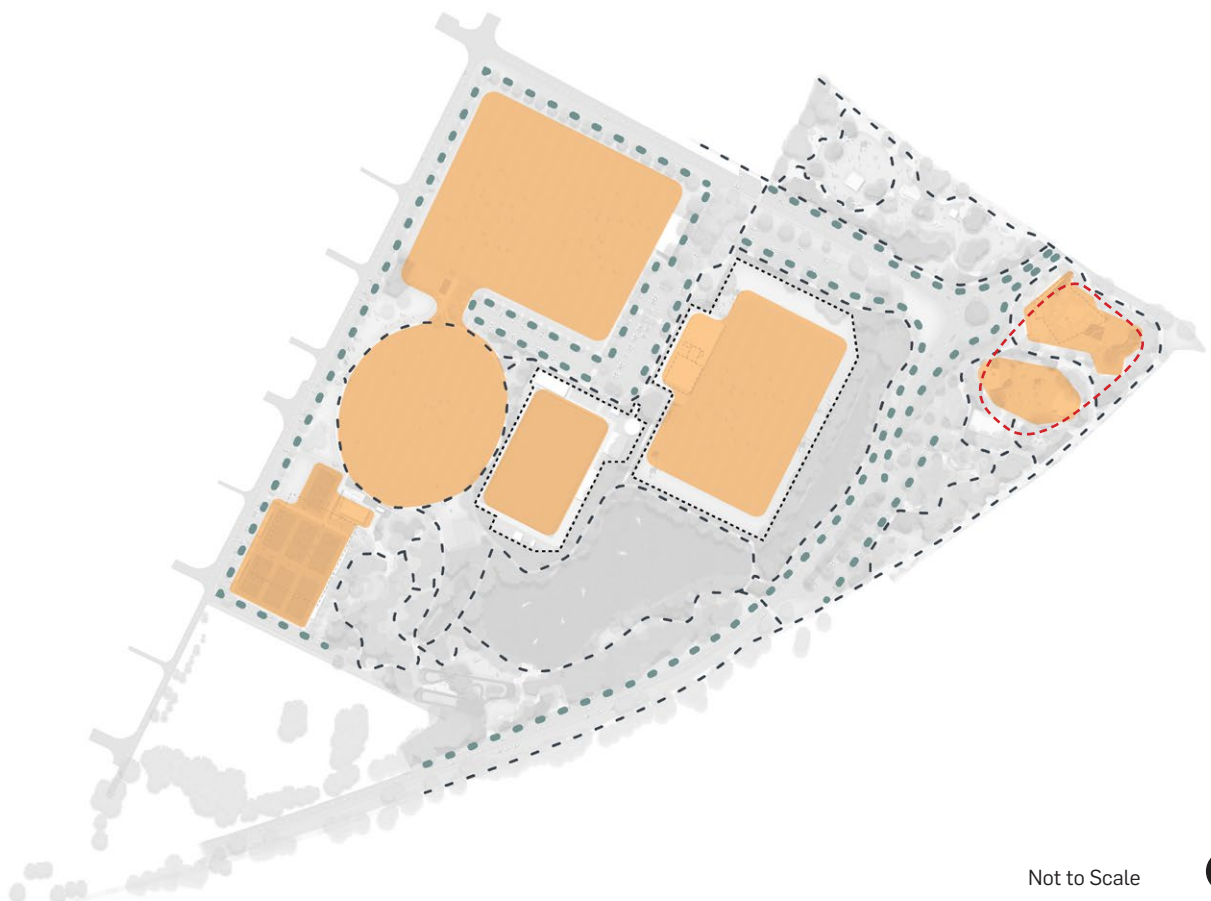
- Enhanced lighting at facilities, carpark and along paths
- Enhanced activation through park to provide widespread usage and casual surveillance
- Provide clear sight lines through park and planting areas
- Lighting provisions aligned to ecological requirements for marine environments
- New or upgraded lighting of sports fields to meet relevant sporting guidelines

Security and Fencing

Key Outcomes

- Provision for low fencing &/ or bollards along Owen and Bentinck Streets to control vehicle access
- Provision for bollards along parking areas with access points for emergency and maintenance vehicles
- Provision for possible future CCTV around sports amenity building and amenities

- Fenceline
- - - Pathway Security and Navigational Lighting
- • • Bollards to Control Vehicular Access
- - - Power Supply for Temporary Lighting for Approved Events
- Area Lighting



E

Environment and Habitat

Vegetation

Key Outcomes

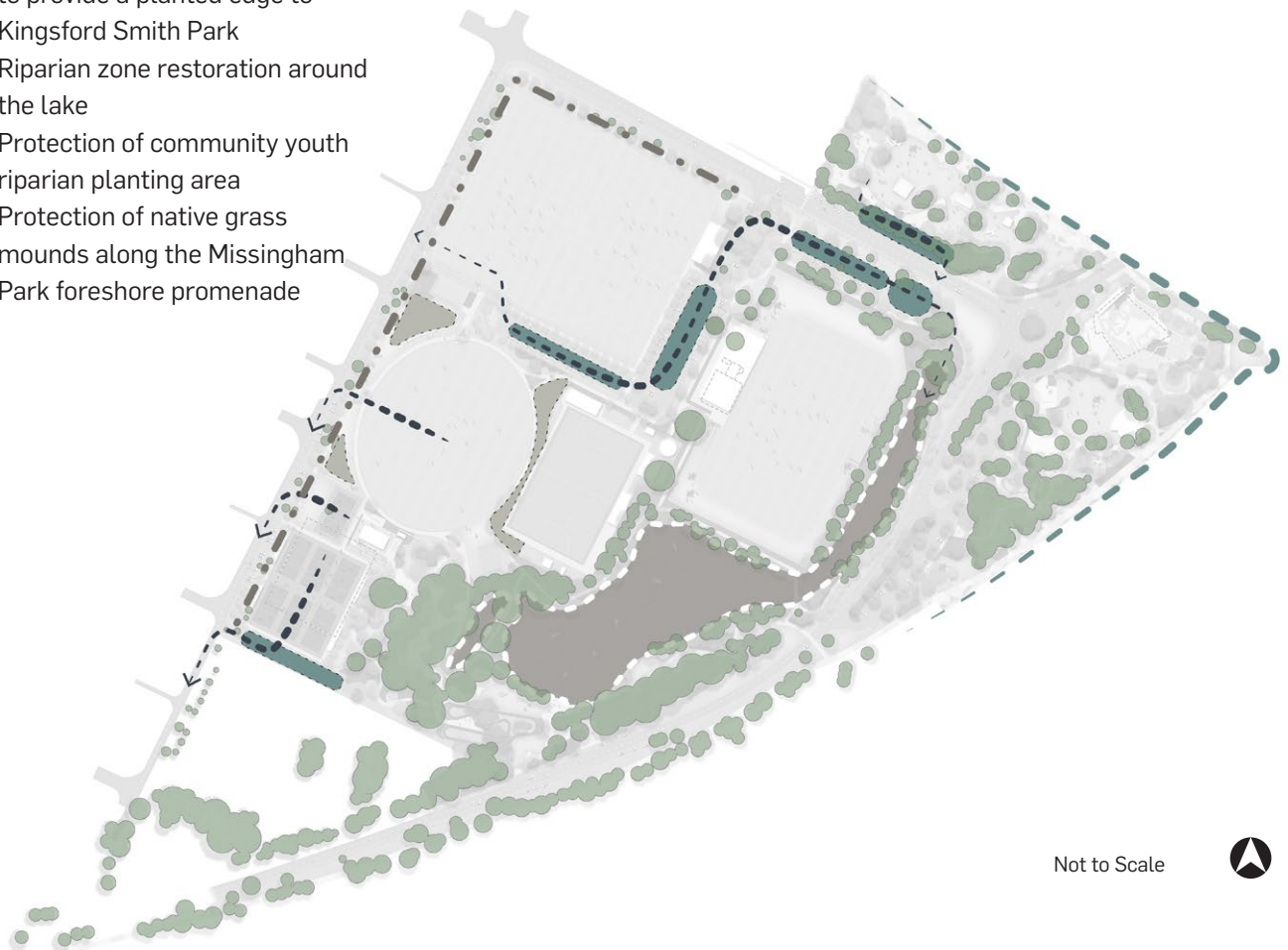
- New planting throughout park-land
- Existing native trees retained
- Use of native vegetation compatible with the riparian context
- Provision of interpretative signage for education about site specific, cultural or environmental features
- Nature play and leisure space within dense, low and informal vegetation to activate landscape for safety
- New avenue of trees along street to provide a planted edge to Kingsford Smith Park
- Riparian zone restoration around the lake
- Protection of community youth riparian planting area
- Protection of native grass mounds along the Missingham Park foreshore promenade

Hydrology

Key Outcomes

- Improved hydrological flows across site
- Improved and additional bio-retention measures to clean water
- Improve drainage of sports fields and surfaces
- Use water sensitive urban design principles to improve water quality
- Improvements to grass surfaces and drainage in Commemoration Park

- — — — — Activating the Waterfront
- - - - - > Water flow
- — • Proposed Tree Avenue
- Existing Trees
- Riparian Restoration
- Landscaped Areas
- Bio Basin



Not to Scale



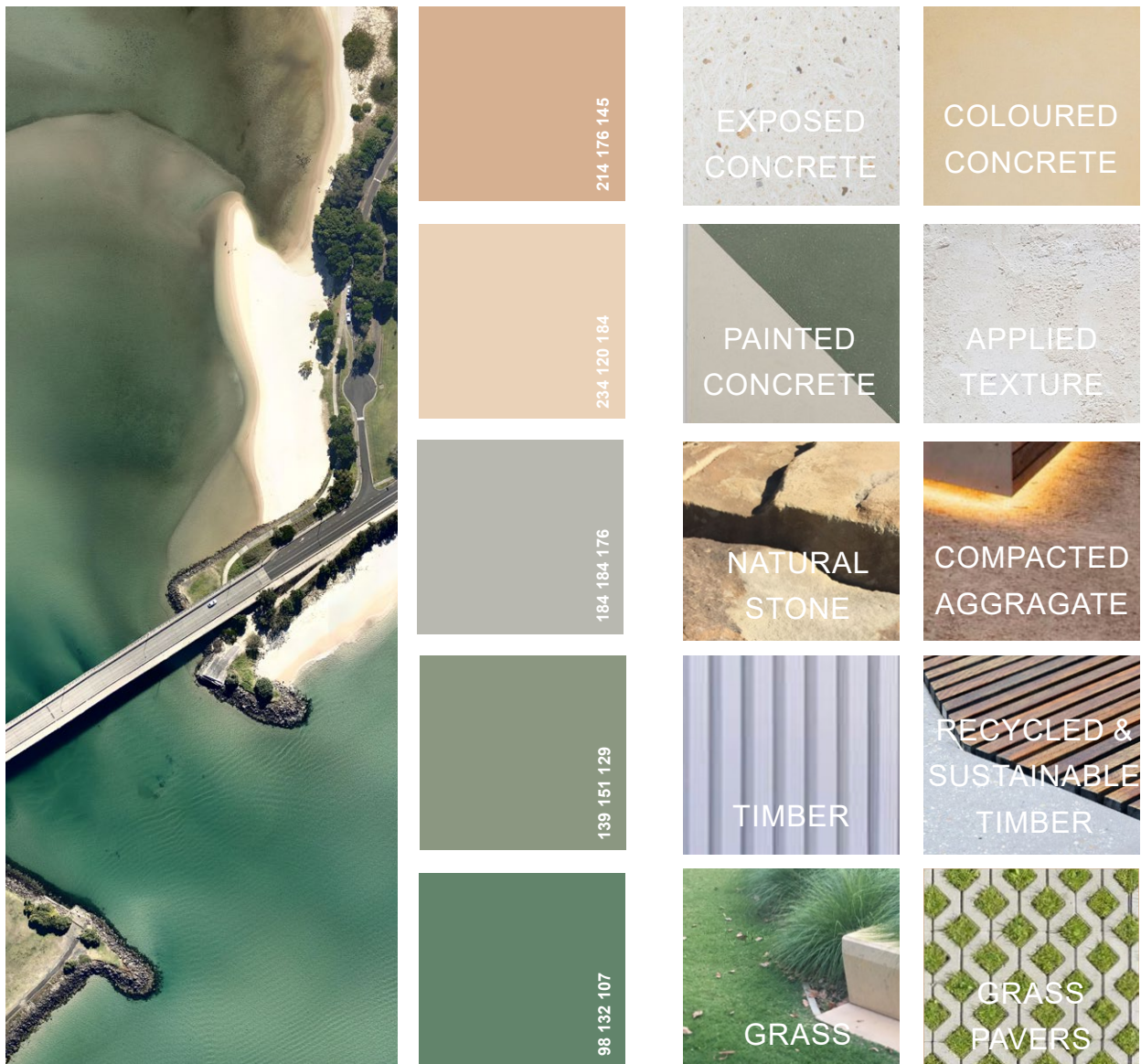
Indicative Planting Schedule

Trees	Shrubs / Ornamental	Groundcovers
Xanthorrhoea johnsonii	Acmena smithii (dwarf)	Poa labillardieri
Melaleuca quinquenervia	Banksia aemula	Cordyline congesta
Doryanthes palmeri	Melaleuca thymifolia	Imperata cylindrica
Pittosporum undulatum	Dianella caerulea	Carpobrotus rossii
Cupaniopsis anacardioides	Backhousia citriodora	Carpobrotus glaucescens
Neolitsea dealbata	Ficus coronata	Rhagodia candolleana
Ficus macrophylla	Doryanthes palmeri	Carex appressa
Elaeocarpus grandis	Macrozamia johnsonii	Ficinia nodosa
Banksia marginata	Zamia furfuracea	Leucophyta brownii
Flindersia australis	Cordyline fruticosa	Lomandra longifolia
Grevillea robusta	Cordyline congesta	Lomandra filiformis 'Savanna Blue'
Syzygium moorei	Cordyline rubra	Lomandra 'Shara'
Araucaria cunninghamii	Austromyrtus dulcis	Lomandra 'Lucky stripe'
Pandanus tectorius	Alocasia brisbanensis	Dianella caerulea
Casuarina glauca	Asplenium australasicum	Casuarina glauca
Banksia integrifolia	Westringia fruticosa	Myoporum parvifolium
Macaranga tanarius	Syzygium leuhmanii	Chrysocephalum apiculatum
Elaeocarpus reticulatus	Syzygium australe	Hardenbergia violacea
Waterhousea floribunda	Syzygium paniculatum	
Tristania laurina	Ozothamnus radiance	
Lophostemon confertus	Callistemon 'Little John'	
	Callistemon 'Red rocket'	
	Melaleuca 'Revolution green'	
	Melaleuca 'Claret tops'	
	Grevillea 'Pink pixie'	
	Grevillea 'Honey gem'	

Materiality

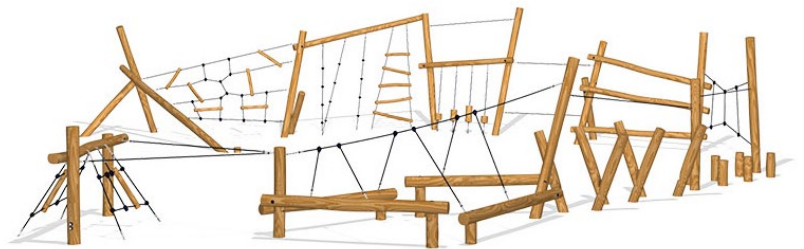
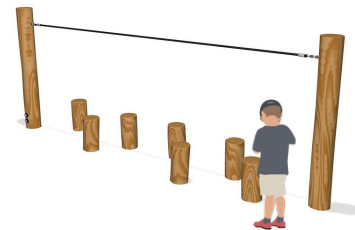
The hardscape of Kingsford Smith Reserve will create a truly coastal setting that is defined by sandy and riparian tones and coastal textures. The application of the material palette will be create a consistent character across the reserve.

Along with the aesthetic of the palette, it is preferred the materials are recycled or renewable materials, durable, locally sourced materials and labour and low maintenance. The materials should be low impact and compliment the riparian environment, prominently being WSUD driven and permeable surfaces.



Play

Across the parkland, a combination of formalised play products, nature play and sports and exercise equipment will be used to create a variety of play experiences. All play will cater for children of all ages and ability and provide seating adjacent to playgrounds for surveillance by parents. Informal nature play should also be facilitated through the use of local, natural materials such as rocks and logs which can form points of interest for children.



Landscape Elements

The urban elements and furniture will bring a uniqueness and quality into the public realm that celebrates Kingsford Smith Reserve as unique precinct. The overarching strategy for the urban elements and furniture is to add visual delight to the environment that ties into the character of the surrounding context.

Lighting will be utilised to maximise a dramatic effect by strongly illuminating key landscape elements such as sports amenity facilities, pavilions and playgrounds but will ensure it does not have a detrimental affect to marine wildlife.



FUNCTIONAL AND PRACTICAL

EDUCATIONAL

UPCYCLED

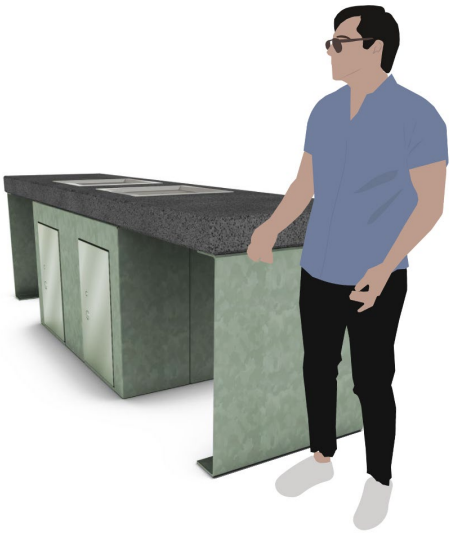


LOCAL



WATER HARVESTING

CONNECTED TO 'COUNTRY'



LOW MAINTENANCE



NATURAL



SOLAR



PERMEABLE



INDICATIVE VIEW OF NETBALL PRECINCT





Kingsford Smith Reserve

Our Key Places

Part D

D.1

Key Places and Actions

The Master Plan of Kingsford Smith Reserve includes the revitalisation of Kingsford Smith, Missingham and Commemoration parks. The following section provides detail of specific design outcomes for each park, the design intent and its role in contributing to the overall vision of the parkland.



PLACE THEMES

			KINGSFORD SMITH	MISSINGHAM	COMMEMORATION	
A	SPORTS Enhance the ongoing role of Kingsford Smith Park as a regionally significant sporting hub	A.1	Improve sporting facilities to create a greater playing and spectator experience	●	●	
		A.2	Co-locate facilities to maximise utilisation and activation	●		
		A.3	Transform sports fields surrounds into parkland to provide shade and shelter	●		
		A.4	Re-organise parking across the parkland to improve accessibility and safety	●	●	
		A.5	Provide new and enhanced facilities to peak sporting association standards for the growth of community sport and active lifestyles.	●		
B	LEISURE Re-invigorate the parkland with new social spaces that support our coastal lifestyle	B.1	Provide opportunities for social gathering	●	●	●
		B.2	Create flexible spaces for people that embrace the waterfront setting		●	●
		B.3	Provide sheltered seating and passive leisure spaces	●	●	●
		B.4	Create new pockets of landscape that allow for exploration and discovery	●	●	●
		B.5	Provide better amenity and access for existing leisure activities within the reserve	●	●	
		B.6	Celebrate and invigorate the existing composition and values of each park	●	●	●
C	RECREATION Facilitate active recreation connectivity and create new opportunities across the parkland	C.1	Improve and expand the recreation paths and facilities to foster an active community	●	●	●
		C.2	Provide new facilities for community use	●	●	●
		C.3	Create walking loops that connect the parkland	●	●	●
		C.4	Provide inclusive access and all abilities recreational opportunities.	●	●	●
		C.5	Investigate opportunities to assist the development and growth of sporting groups	●	●	●
D	PLAY Create opportunities for play that cater for all ages and abilities	D.1	Investigate opportunities to improve skate park and offer active play opportunities		●	
		D.2	Explore opportunities for interactive nature play		●	
		D.3	Create an inclusive and all abilities playscape	●	●	●
		D.4	Provide opportunities for passive play based around nature and adventure themes	●	●	
E	CULTURE Instill a sense of community through social infrastructure that celebrates our culture - past and present	E.1	Create open spaces that cater for community events and activities of a variety of scales	●	●	●
		E.2	Use landscape elements to create a narrative around place and cultural heritage	●	●	●
		E.3	Provide opportunities for public art and education about 'Country', culture, people and heritage	●	●	●
		E.4	Create a distinct coastal and riparian landscape character through materiality and planting	●	●	●
F	ECOLOGY Protect and restore the parklands natural areas and systems and improve biodiversity within the riparian buffer	F.1	Work with existing trees to maintain canopy cover and preserve significant habitat areas	●	●	●
		F.2	Provide new and enhance habitat through native landscape planting compatible with the riparian context	●	●	●
		F.3	Maintain or improve the site hydrology and enhance the site's bio-retention and filtration capacity	●	●	●
		F.4	Provide opportunities for education about site specific features, interactions or processes	●		●
		F.5	Manage lighting to support night recreation activity consistent with guidelines to protect marine wildlife.	●	●	●

Commemoration Park

Commemoration Park will celebrate the coastal setting through a sculptural landscape of meandering planting and unstructured paths, spacious lawns and a central open space. Set on the banks of North Creek, it will provide a natural picturesque landscape for social gatherings and small local events to unfold.

Commemoration Park builds on its current qualities to create a sculptural landscape that performs in a number of ways. It builds on the established landscape and to create a meandering body of vegetation that creates pockets of open lawn. These lawns provide passive breakout spaces for social gatherings in shaded areas with views over North Creek. With a central “market lawn” as the centre of the parkland, unstructured paths define the space and provide connections through to the waterfront from Bentinck Street. The waterfront is activated through seating and shelters and a widened promenade that cuts into the parkland to create pockets of lawn on the waters edge.

As a sculptural landscape that speaks to a riparian and coastal setting, Commemoration Park showcases native vegetation for the community to engage with and learn about.

Social gathering are supported by shade structures with seating, BBQs, shaded lawns and sculptural play

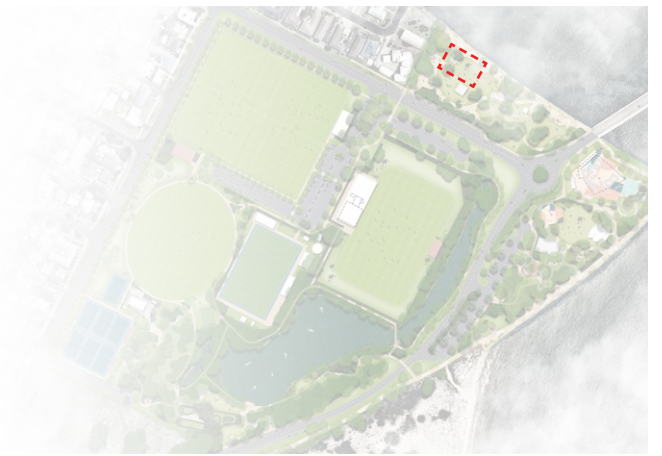
pieces, which also provide additional amenity for the expansion of the Markets across the Parkland.

The commemorative nature of the park will be experienced through the playscape art interventions and consolidated commemorative plaques

Key Elements

- Open lawn area for general use and weekly markets
- Sculptural landscape forms through planting and open lawns
- Passive play elements
- Native planting discovery learning
- Social gathering pavilions
- Waterfront lawn
- Waterfront promenade with seating
- Controlled vehicle access for markets
- Consolidated commemorative plaques
- Open views to the water from the park







INDICATIVE VIEW OF COMMEMORATION PARK

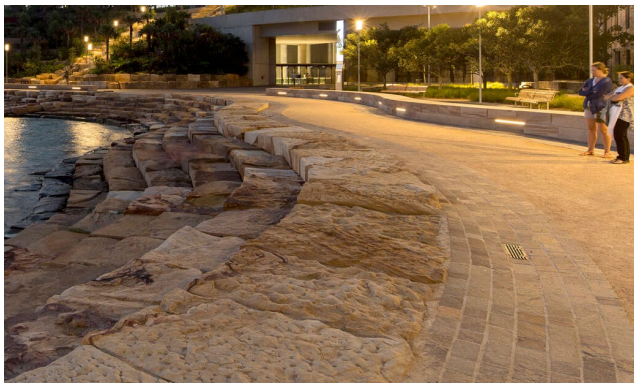


LEGEND

Commemoration Park site area	
Commemoration 'market' lawn	01
Sculptural breakout lawns shaded by coastal vegetation	02
Waterfront lawn with landscape pavilions for social gatherings	03
Widened waterfront Promenade with seating	04
Upgraded amenities	05
Safe road crossing point on Bentinck Street	06
Existing exercise stations	07
Bollards along southside of Bentinck Street	08
Vehicle access point	09
Market access locations	



Exemplar imagery of key elements and landscape character



Waterfront promenade



Waterfront lawn



Community gathering on 'market' lawn



Educational signage



Coastal planting and gravel paths



Mounding lawns



Public art playscape



Unstructured paths

Missingham Park

Missingham Park will be a place thriving with fun-filled activity, by both day and night. From an urban skate park to a series of playscapes set within the trees, it will provide a network of connected social gathering spaces and experiences that encapsulate the communities desire for a family orientated parkland.

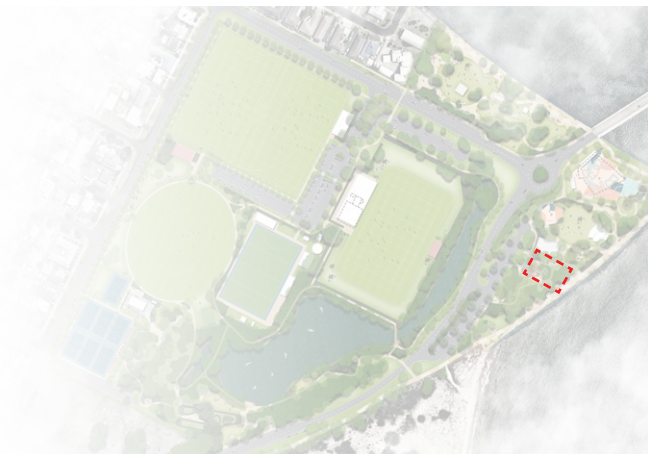
Missingham Park forms the centrepiece of the waterfront parkland. The variety of experiences provided within the parkland compliment the waterfront setting and natural landscape. Its enviable natural setting will be enhanced through an interlaced web of functional open spaces, outdoor rooms and playgrounds that create and encourage interaction within the community

Together, the spaces and variety of offering will provide multiple opportunities for cultural and community engagement and fun. Through its revitalisation it will deliver a destination parkland where you can enjoy comfort and shade of the natural landscape in a family friendly setting.

Key Elements

- Waterfront lawn for community events with new stage and amenities
- A series of play spaces, including the feature adventure playground themed around a 'casuarina forest'
- Social gathering pavilions adjacent to breakout lawns and play spaces
- Expanded skate park with street skate plaza and scooter track
- Half court Basketball court and space for community exercise
- Waterfront promenade with seating
- Improved pathway network and access throughout the park
- Retain significant trees and habitat areas
- Preserve native grass mounds and significant riparian vegetation
- Interpretative signage providing information about the estuary and indigenous culture
- Space for approved small scale, mobile commercial vendors
- Retain views to the water and the bar



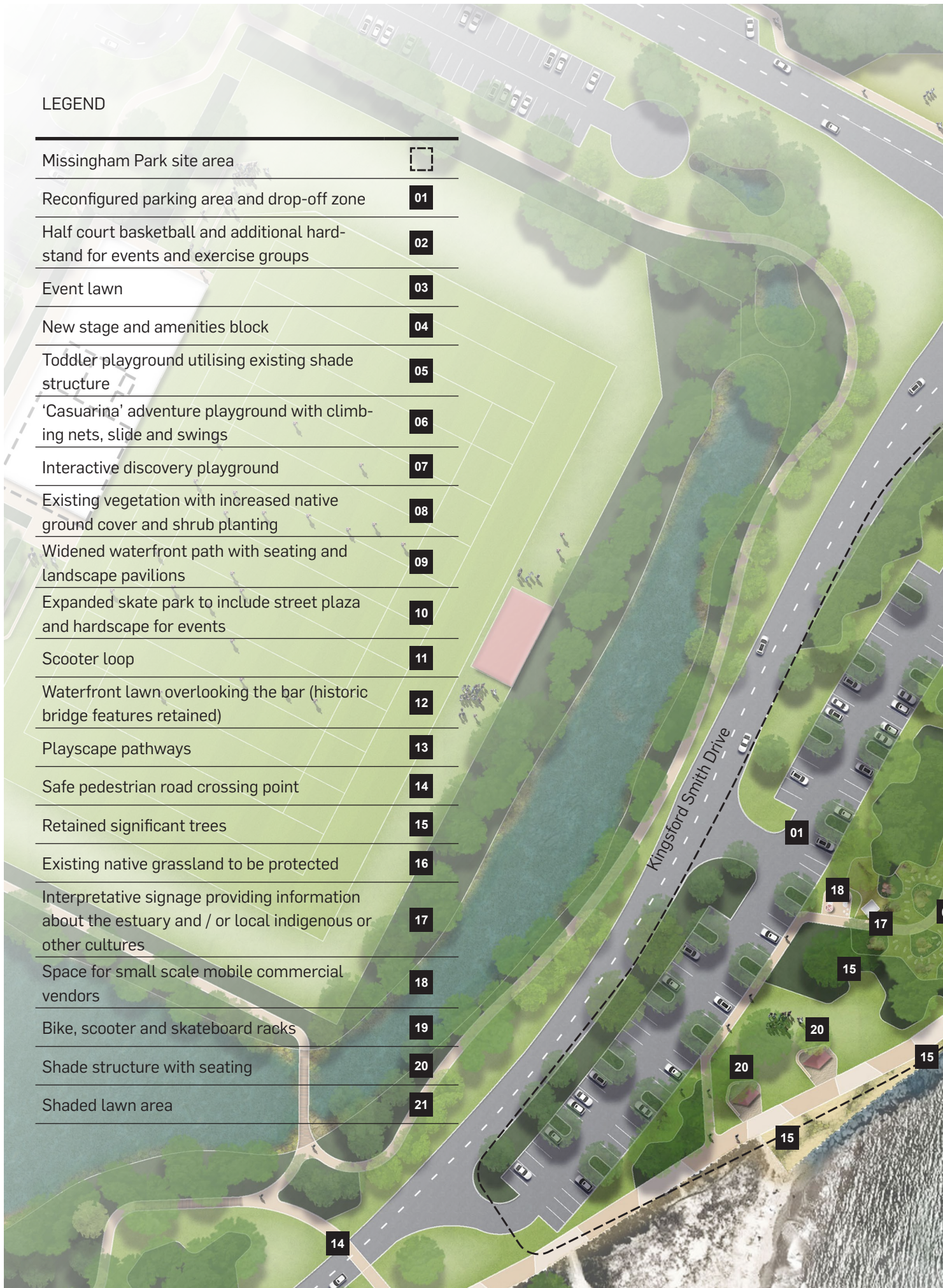


INDICATIVE VIEW OF MISSINGHAM PARK



LEGEND

Missingham Park site area	01
Reconfigured parking area and drop-off zone	02
Half court basketball and additional hardstand for events and exercise groups	03
Event lawn	04
New stage and amenities block	05
Toddler playground utilising existing shade structure	06
'Casuarina' adventure playground with climbing nets, slide and swings	07
Interactive discovery playground	08
Existing vegetation with increased native ground cover and shrub planting	09
Widened waterfront path with seating and landscape pavilions	10
Expanded skate park to include street plaza and hardscape for events	11
Scooter loop	12
Waterfront lawn overlooking the bar (historic bridge features retained)	13
Playscape pathways	14
Safe pedestrian road crossing point	15
Retained significant trees	16
Existing native grassland to be protected	17
Interpretative signage providing information about the estuary and / or local indigenous or other cultures	18
Space for small scale mobile commercial vendors	19
Bike, scooter and skateboard racks	20
Shade structure with seating	21
Shaded lawn area	21





SCALE 1:1250 0 10 20 30 40 50



Exemplar imagery of key elements and landscape character



Playground



Waterfront seating



Informal gathering on breakout lawns



Skatepark seating and shaded seating



Riparian vegetation



Basketball court



Landscape pavilions and BBQ areas by playground and waterfront



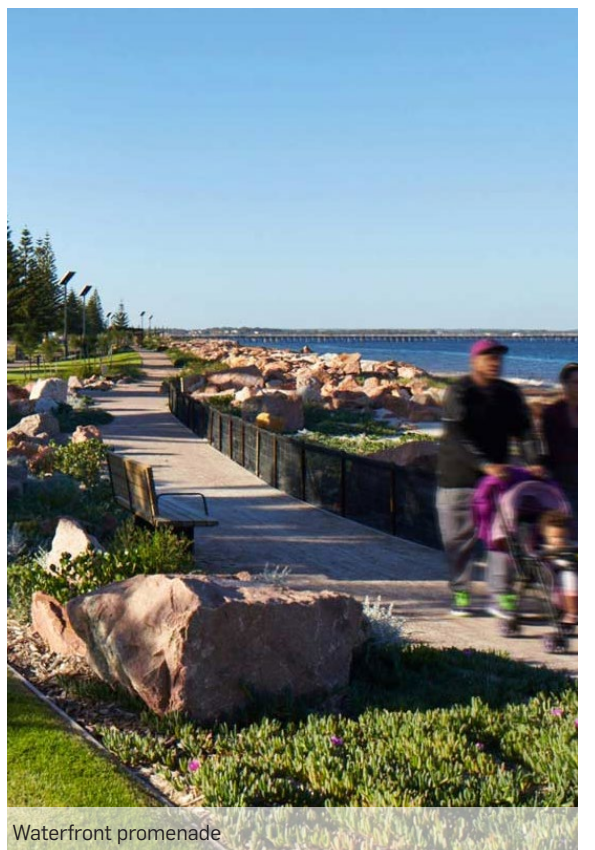
Scooter loop



Skatepark



Playground



Waterfront promenade

Kingsford Smith Park

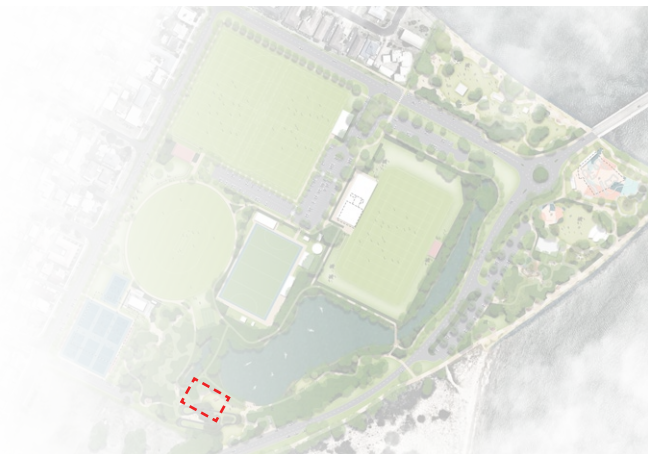
Kingsford Smith Park will be a regional sporting hub and Ballina's heart of community sport and leisure. With new sporting facilities set within landscaped spaces and an activated lake, a full spectrum of uses will be integrated into the parkland to unlock its potential as multi-functional open space.

Kingsford Smith Park will be reinvigorated with renovated or new sporting amenity buildings, infrastructure and surrounds to position it as the regions premier sporting parkland. Its sporting offer will be complimented with the insertion of recreation loops that connect in and around the lake to activate its edges and surrounds. Nature play, landscape pavilions and breakout lawns will create a destination in itself and position Kingsford Smith Park as a multi-function sports and recreation parkland.

Key Elements

- Renovated or new primary sports amenity building
- New shared sporting amenities and change rooms.
- Improved sports surfaces and field lighting (to peak sporting body standards)
- Reconfigured parking to provide better access to sporting destinations and provide a safer environment
- Tiered spectator seating
- Additional landscape to provide shade and comfort for spectators
- Shelters for all season viewing
- Nature play set within the trees
- Infrastructure to activate the space; the pump track image shown is indicative and there are many other options that could be considered here, a market space, interpretative signage, environmental plantings, bicycle education track etc.
- Recreation paths including a 1500m loop
- Landscape pavilions and breakout lawns
- Improved access to the lake for existing leisure activities
- Riparian zone vegetation restoration
- Mangrove protection and weed management
- Interpretative signage
- New shade structures with seating





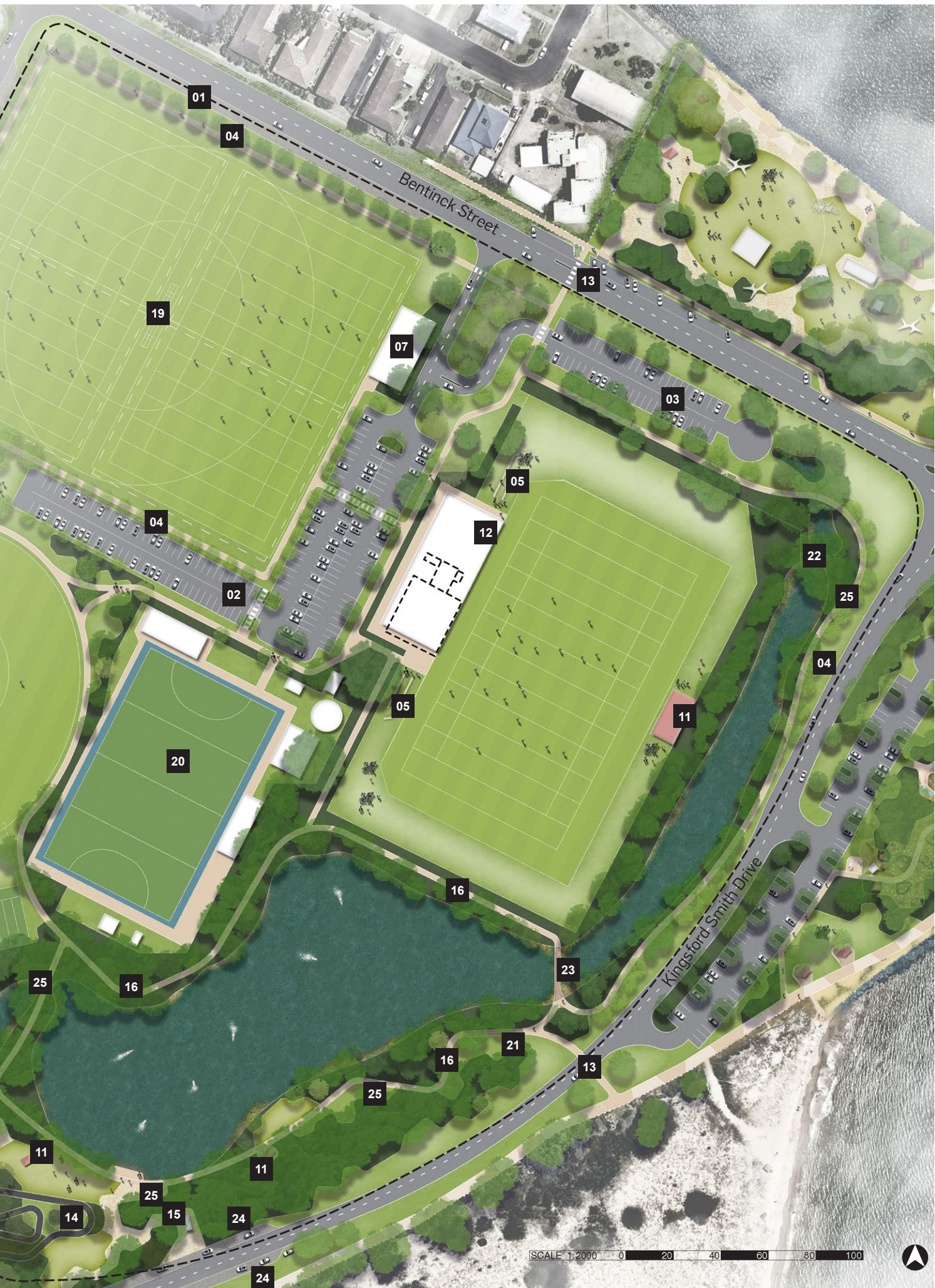
INDICATIVE VIEW OF ACTIVATED AREA NEAR THE LAKE



LEGEND

Kingsford Smith Park Site Area	
Formalised parking to Owen Street and Bentinck Street	01
Reconfigured central parking area with safe crossing points where pedestrians have priority (194 spaces)	02
New parking area (54 spaces)	03
Tree planting to provide shade and edge to parkland and parking areas	04
Landscape tiered seating	05
Low landscape tiered seating	06
Shared sports amenity building (new)	07
Formalised cricket oval and existing nets	08
New sports amenity building	09
New netball courts	10
Shade shelter structure with seating	11
Enhanced primary sport amenity building to standards, tiered seating (new) and change rooms (new)	12
Safe road crossing points	13
Infrastructure to activate the space; the pump track shown on plan is indicative only, other items that may be considered here, a market space, interpretative signage, environmental plantings, bicycle education track etc.	14
Model boat group storage facilities and formalised pathway access to lake	15
Revitalised lake edge and new lakeside walk	16
Lakeside nature play	17
Traffic calming / slow speed zone (subject to road safety audit)	18
Improved field surfaces and lighting to enable use of the north western field as 4 smaller training fields	19
Existing hockey fields and facilities to be retained	20
Riparian lake boardwalk	21
Mangrove vegetation	22
Bridge connection	23
Pockets of formalised carparking along Kingsford Smith Drive	24
Interpretative signage	25





Bentinck Street

Kingsford-Smith Drive

SCALE 1:2000 0 20 40 60 80 100

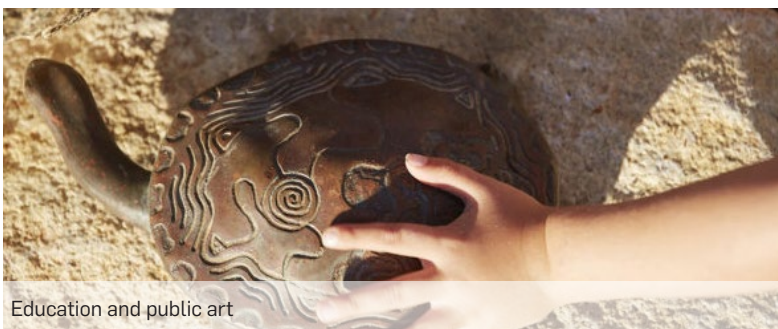


Exemplar imagery of key elements and landscape character



Sports fields

Netball courts and shelters



Education and public art

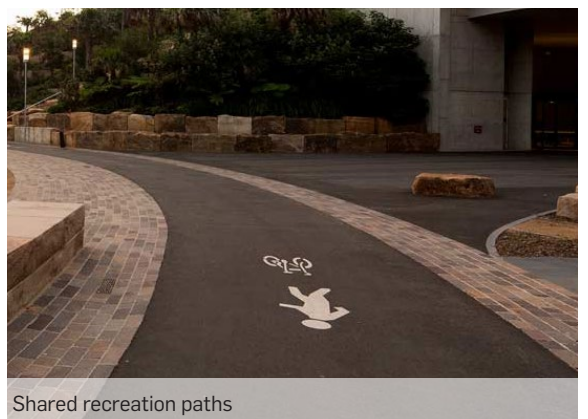


Informal gathering on breakout lawns

Leisure and discovery paths around lake



Lakeside social spaces



Shared recreation paths



Landscape pavilions and BBQ areas by the lake



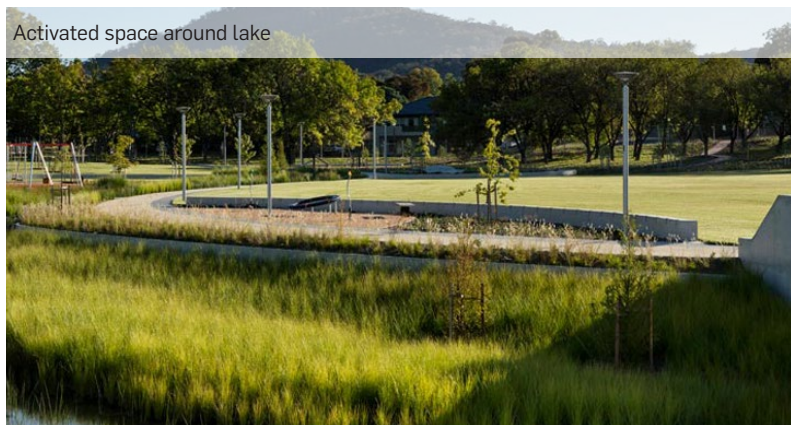
Sports amenity building



Lake activation



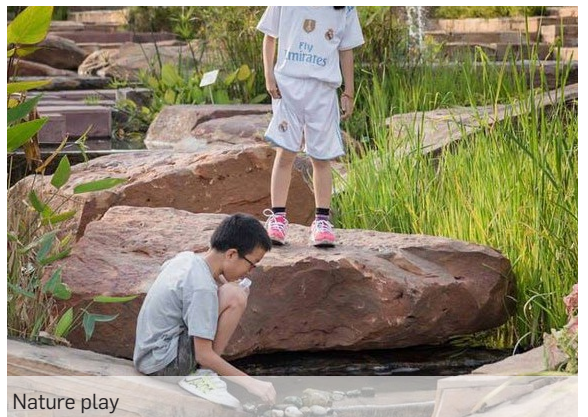
Nature play



Activated space around lake



Primary sports amenity building and tiered spectator seating



Nature play



Kingsford Smith Reserve

Where to from here?

Part E

E.1

Costs and Priorities

The Master plan provides a framework for future planning and investment at Kingsford Smith Reserve that over time will become the regions most significant community parkland.

The previous sections of the document set out the long-term vision for Kingsford Smith Reserve. The plans and images within it effectively convey the overall intent, without being so prescriptive as to prejudice design changes over time. It is the intent of the master plan to set out the overall vision and key actions to be delivered as funding become available. The master plan will be used to guide future planning, detailed design and provide a framework for staged delivery.

Based on the master plan drawings, funding of the long-term master plan would be approximately \$25M*. This includes higher order costs as below;

1. Kingsford Smith Park - \$15M*
2. Missingham Park - \$7M*
3. Commemoration Park - \$3M*

The first stage of delivery is based on \$3,600,000 of available funding. This investment into Kingsford Smith Park is specifically for improvement and upgrades to sporting facilities. Based on community consultation and key action of the master plan the priority projects include;

1. Lighting improvements
2. Change room / amenity improvements to bring in line with current sporting access, equity and inclusivity guidelines;
3. Grandstand improvements

4. Netball facility upgrades
5. Surface improvements
6. Carparking upgrades

While these projects are the priority, detailed design and cost planning is required to better define the detailed scope of Stage 1. Council will continue to work with community groups and government to attract additional funding to support the delivery of more priority projects identified in this master plan. All future stages of work are currently unfunded.

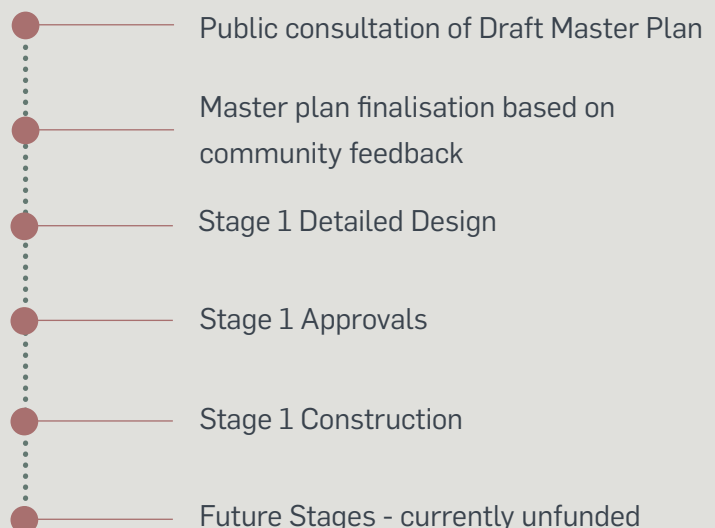
There is continued engagement with NSW Crown Lands in effort for the possible future use of Boomerang Park to complement the actions and activities of the this plan.

*INDICATIVE COST ONLY BASED ON M² RATE. FURTHER COSTING DETAIL WILL BE PROVIDED IN FINAL MASTER PLAN

E.2

Future Process

As part of the master planning process, the following next steps will be undertaken to progress the master plan to the first stage of delivery.












Kingsford Smith Reserve

Appendix

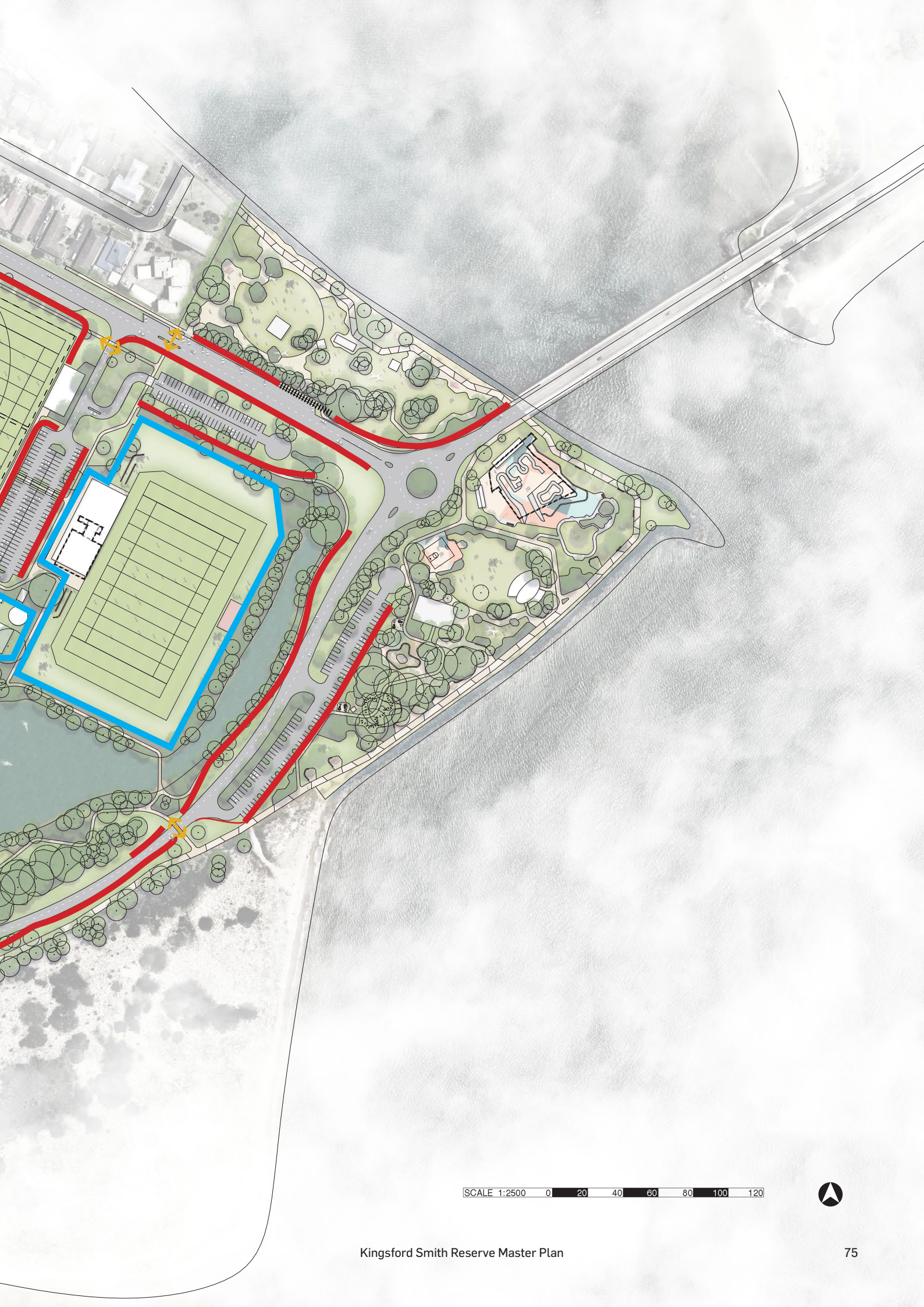
Part F

Fencing and Bollard Plan

LEGEND

Site area	
Bollards to control vehicle access and pedestrian safety	
Controlled fenceline	
Safe road crossing points	
Weekly vehicle access for markets	








SCALE 1:2500 0 20 40 60 80 100 120



Commemoration Park

LEGEND

Site area	
Existing trees to be retained	
Weekly market vehicle access location	

Note : Commemoration Park is not part of the Stage 1 scope of work.



SCALE 1:1250 0 10 20 30 40 50 



Missingham Park

LEGEND

Site area



Existing trees to be retained



Note : Missingham Park is not part of the Stage 1 scope of work.







SCALE 1:1250 0 10 20 30 40 50



Kingsford Smith Park

LEGEND

Site area	
Existing trees to be retained	
Sports amenity building upgrades, change rooms and toilets (Stage 1 Works)	01
Lighting improvements (Stage 1 Works)	02
Carparking upgrades (Stage 1 Works)	03
Sporting surface upgrades (Stage 1 Works)	04
Grandstand improvements (Stage 1 Works)	05





