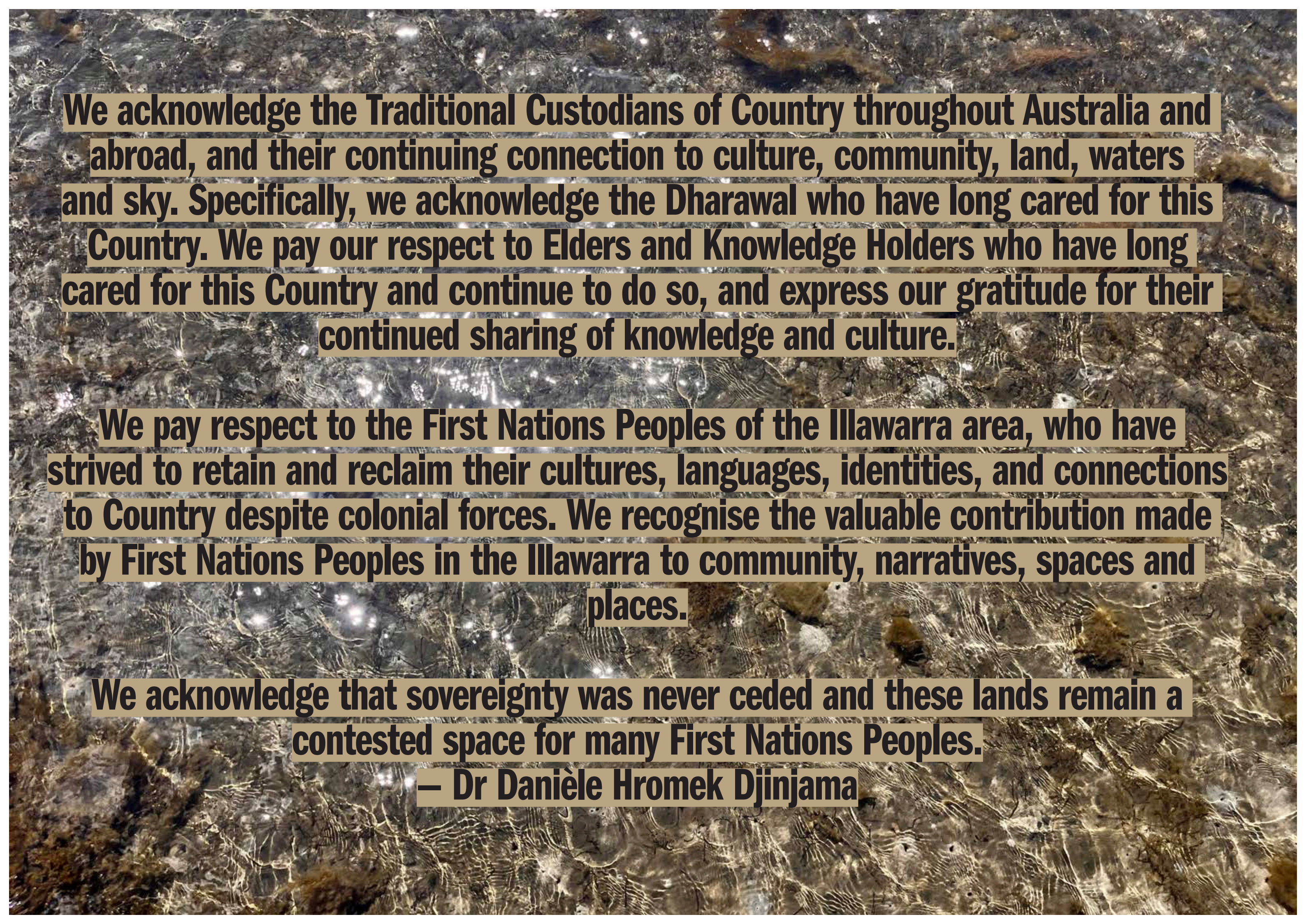


# WARRAWONG PARKLANDS MASTERPLAN

An aerial photograph of a dense forest, likely a rainforest, with sunlight filtering through the canopy, creating a dappled light effect on the ground. The trees are mostly green, with some brown and yellow patches, possibly indicating dry areas or different tree species. The overall scene is a lush, natural landscape.

**We acknowledge the Traditional Custodians of Country throughout Australia and abroad, and their continuing connection to culture, community, land, waters and sky. Specifically, we acknowledge the Dharawal who have long cared for this Country. We pay our respect to Elders and Knowledge Holders who have long cared for this Country and continue to do so, and express our gratitude for their continued sharing of knowledge and culture.**

**We pay respect to the First Nations Peoples of the Illawarra area, who have strived to retain and reclaim their cultures, languages, identities, and connections to Country despite colonial forces. We recognise the valuable contribution made by First Nations Peoples in the Illawarra to community, narratives, spaces and places.**

**We acknowledge that sovereignty was never ceded and these lands remain a contested space for many First Nations Peoples.**

**— Dr Danièle Hromek Djinjama**

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## **INTRODUCTION**

## **PART 1 - Your Warrawong Parklands**

## **PART 2 - Background and Research**

# WARRAWONG PARK MASTERPLAN

The Warrawong Parklands Masterplan will set a new standard for open space in the Illawarra-Shoalhaven region, creating a lasting, resilient, and distinctive public park.

Designed based on natural flows and systems, it will feature areas dedicated to play and community recreation that will flourish on healthy land. The Masterplan will provide spaces for community activities and regional celebrations, while establishing new and enhancing existing connections between people and water throughout the Parklands.



# THE PARK TODAY

Warrawong Parklands is an existing significant public open space located in Warrawong, within the City of Wollongong in New South Wales, Australia. The Parklands provide a mix of open grassed areas, share paths and play spaces that support a range of uses.

The Parklands occupies a prominent position on Kully Bay on the foreshore of Lake Illawarra. It offers open and expansive views across the Lake and westward to the Illawarra Escarpment and Mt Macquarie. Bounded by Northcliffe Drive and King Street, at the southern tip of the Warrawong town centre, the Parkland lies adjacent to Warrawong Plaza, a site marked for future development.

As a key public open space for the local community, the site is currently well used by local residents for walking, dog walking, weekly markets and for sports. Much of the site however is under utilised with infrastructure reaching end of life, typified by the erosion of the lake edge retaining walls.

Wetlands and recently planted vegetation dominate much of the site and form an important habitat for permanent and migratory species.



# DHARAWAL COUNTRY

Thousands of generations of Aboriginal Peoples have cared for and maintained relationships with Warrawong and the sacred lands and waters it holds. With an abundance of stories and Knowledges weaving through the site, Warrawong—situated on Illawarra Lake—is an important place to the local Aboriginal community and others with deep time connections. Despite changes due to colonial processes, Aboriginal Peoples are still here, knowing, living on, and loving this Country. While Warrawong may have changed in material or tangible ways, this is still Country. The privilege of working on Country requires changes; changes in how we understand and know places, and changes in how we plan and design. The Master Plan for Warrawong provides a key opportunity to consider this site in its context, and to actively care for this Country using ancient wisdom in contemporary ways.

Djinjama have compiled 5 Country and Culture opportunities, Country, Community, Culture, Heritage and Non-human Kin.

*Warrawong Parklands Masterplan - Country and Culture Opportunities Report, Djinjama, 2025*

## 1. Country

Shells, Kully Bay Country constitutes both tangible aspects seen in the world around us, and intangible. The tangible aspects of Country include the landscape, water, air, plants, geology, rocks, animals, minerals, medicines, and places. Intangible parts of Country include aspects such as knowledges and cultural practices, identity, and reciprocal relationships, belonging and wellbeing, songs, stories and art. Even if the tangible parts of Country have been changed due to colonisation, urbanisation and gentrification, the intangible aspects still exist within the landscape, held in spirit, story, energy and memory. Aboriginal Peoples' connection with Country is not destroyed because the landscape has changed, and despite our dispossession of the land.

Aboriginal Peoples' experiences of and relationships with Country are critical to our wellbeing and identities. Country is alive and full of story. Country, for Aboriginal Peoples, is the places and spaces from which we originate. Our Ancestors still exist on Country as spirit or lifeforces.

## 2. Community

In the 2021 Australian Census, the Australian Bureau of Statistics identified Wollongong as having 3,367 (2.5%) Aboriginal and/or Torres Strait Islander People, listing 1,311 families and 1,843 households; with 253 (5.4%) First Nations and/or Torres Strait Islander People identified in Warrawong. Aboriginal Heritage Information Management System (AHIMS) highlights that this area holds many campsites, artefacts, middens with the possibility of Ancestral remains along the banks and sand deposits. There are at least 72 recorded Aboriginal ceremonial, Dreaming, resource gathering and hunting sites. The Wodi Wodi people are the custodians of Country where Warrawong is situated. The Wodi Wodi are a sub-group of the Dharawal language group.



Walking Kully Bay Park, Credit: Warrawong Parklands Masterplan, Country and Culture Opportunities, Djinjama

## 3. Culture

The Aboriginal Peoples of the Illawarra call their Dreaming the Alcheringa. The Dreaming lies at the core of spiritual beliefs—it has no beginning, no end, and does not mark time in a linear way, as in days, months and years. The Dreaming is a part of everyday life, encompassing totems, ceremony, the division of labour, social structure and storytelling.

The main creator spirit of the Illawarra region is Biamie, from which is derived the word Kiama. Biamie sent his two sons to the earth, one was Duramulun, the law-giver, who, during the Dreaming, taught the local people traditional Laws and customs related to kinship, totems, religion and social observances. All the known stories tell of creative spirits making Dreaming tracks around the continent and throughout Illawarra, bringing life. In the process, they formed its natural physical features, the escarpment, lakes, swamps, forests, creeks, coastline, mountains.

The communities of Illawarra have different stories about how time began, with stories centred around Lake Illawarra, Windang and Five Islands.



The Five Islands. Illawarra, Robert Marsh Westmacott, n.d. State Library of New South Wales.

## 4. Heritage

Heritage is the valued objects, qualities and cultural traditions that are passed down from previous generations. Cultural heritage includes tangible heritage (movable, immobile and underwater) such as artefacts, monuments, buildings or sites. It also includes intangible heritage which is embedded into cultural, and natural heritage artefacts, sites or monuments, as well as festivals or celebrations. Cultural heritage has a diversity of values including symbolic, historic, aesthetic, artistic, ethnological or anthropological, scientific and social.

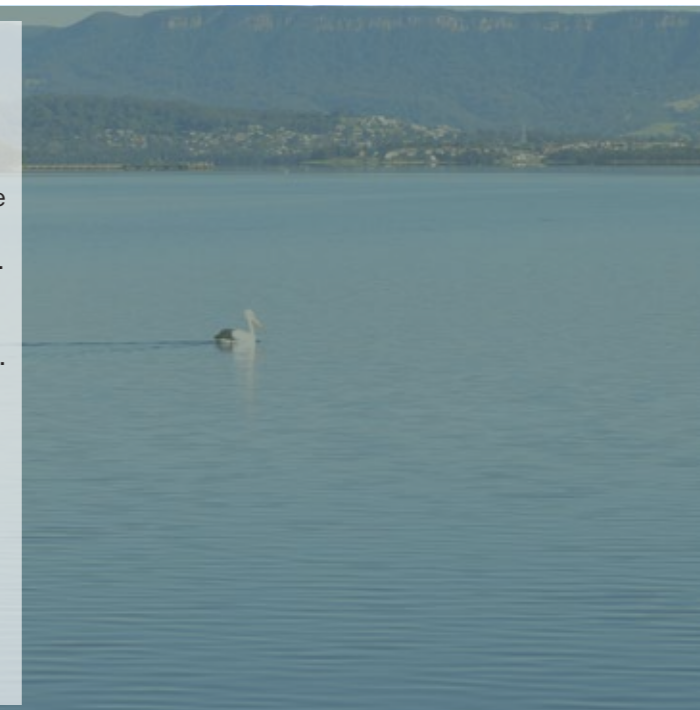


## 5. Non-Human Kin

Non-human kin have rights to Country, just as humans do. They hold inherent belonging to Country and need spaces included in the planning process for their health and wellbeing.

Many different animal species find food and hiding places in the estuarine wetland oak and mangrove forests. Located directly above the tidal influence, the forests are between mangroves and forests and woodlands. In the region around Wollongong, the coastal grassy woodlands and forests provide rich and diverse habitats that support a high number of diurnal birds, arboreal reptiles and mammals, and a large number of bats.

Ecological communities occur in landscapes with a mixture of uses: agriculture, industrial uses, residential uses, etc. In the past—unfortunately—land clearing was primarily for agricultural purposes, and practices such as the destruction of native fauna were primarily undertaken to support agricultural productivity. Many of the current and future threats to local communities are linked to the clearing and fragmentation of land for the rapid development of housing and associated infrastructure, resulting in significant changes to the landscape along the South Coast of New South Wales.



# COMMUNITY CONSULTATION

Community and stakeholder engagement has played a central role in shaping the Warrawong Parklands Master Plan. Initial community feedback was collected in November and December 2024 through surveys and in-person engagement activities, with strong participation from local residents, community groups, and visitors.

A strong connection to Lake Illawarra emerged as a key theme. The community supported improvements to the foreshore such as shaded seating, viewing areas, and calm spaces for relaxation. There was also strong interest in expanding access to water-based activities.

Environmental concerns featured prominently, with support for more native planting, increased tree cover, erosion control, and better maintenance. Enhancing biodiversity while retaining the park's open space character was seen as essential.

The need for a variety of recreation spaces was emphasised that caters to walking, cycling, sport, picnics, events, play, and rest. Feedback reinforced the need for an inclusive park that meets the needs of people of all ages and abilities.

A draft masterplan was issued in September 2025 and was on public exhibition from October 2025.

A comprehensive programme of engagement followed the release of the draft master plan, with hundreds of local residents, stakeholders, and community groups providing feedback through both online submissions and four in-person drop-in sessions held at key locations. These sessions featured interactive, map-based activities and face-to-face conversations, which allowed participants to highlight specific areas of interest, share suggestions, and express any concerns directly. The 'loveable' engagement activity encouraged deeper reflection on what community members loved, wished, and wondered about the park's future, and an information brochure with a feedback form was provided to ensure everyone could participate.

Community consultation revealed strong support for the parklands transformation, with an emphasis on shaping a lasting legacy for Warrawong and the wider Illawarra region. The key outcomes of this process not only reaffirmed the importance of the community's aspirations but also ensured that a broad and diverse range of voices contributed to the final direction of the master plan. This feedback has been instrumental in refining the recommendations and priorities, guiding the evolution of the master plan to best reflect the needs and aspirations expressed throughout the engagement process.

The insights revealed in both the initial consultation and draft directly inform the recommendations of the master plan.

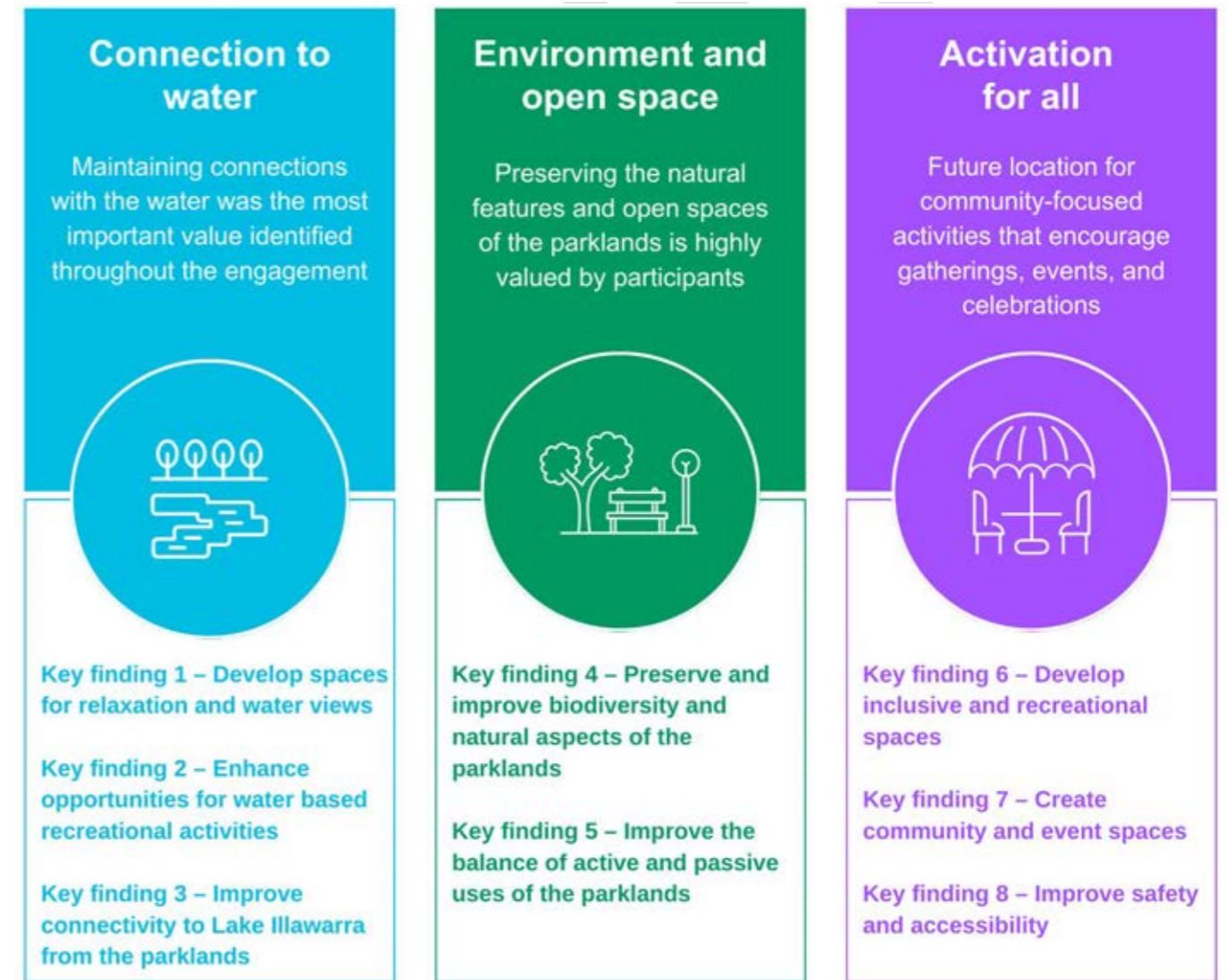


Figure: Community consultation principles, GHD Warrawong Master Plan Engagement Summary, p4



# CONCEPT EXPLORATIONS

Warrawong Parklands exists as a point of transition. The edges and boundaries of the site shift and change. A receding tide reveals the mudflats and sand banks around site, a condition which is crucial for offshore birds who stop at Warrawong Parklands on cross continental journeys.

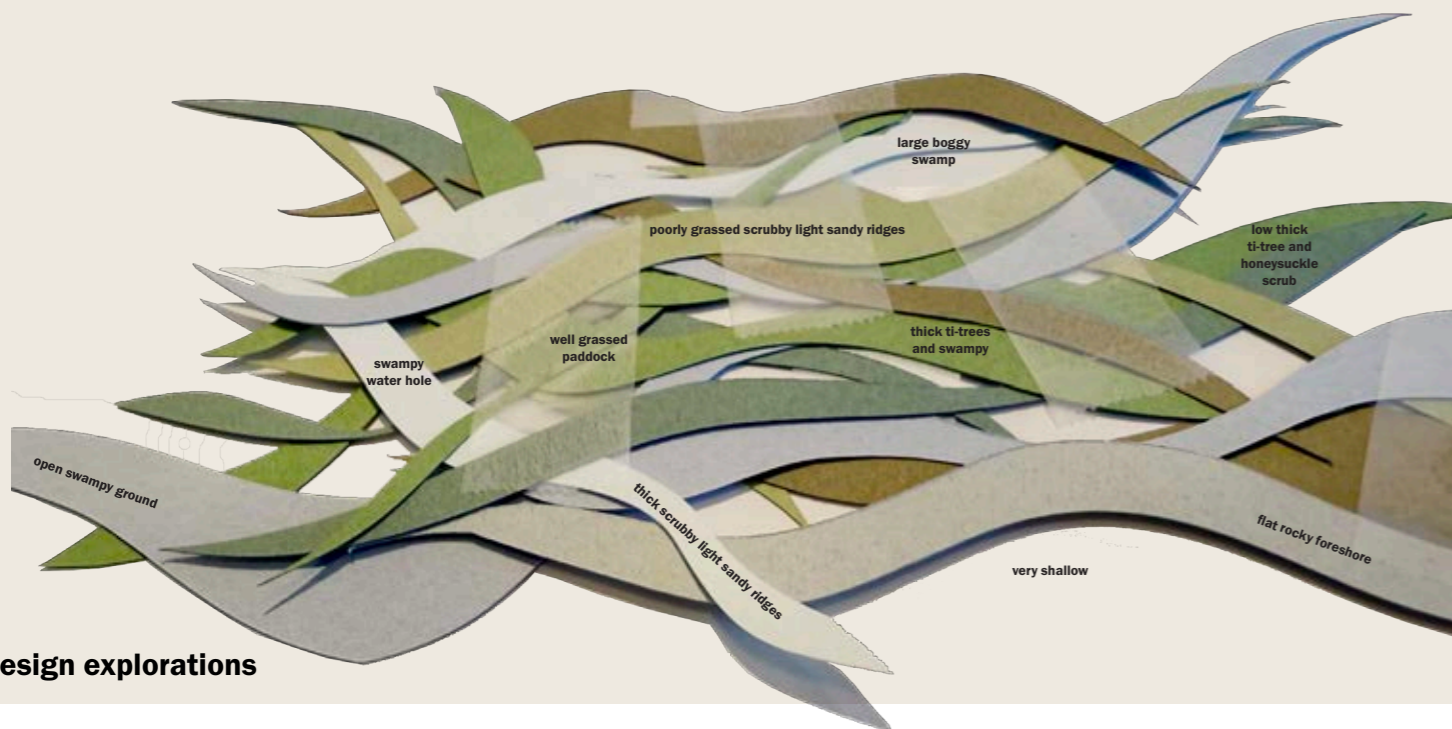
This transitional landscape has guided the design of the Parklands. Water and tidal flows, natural systems, and communities intertwine themselves across the site, merging boundaries and laying over each other. Conditions that occur on site are temporary, changing and evolving with climate, tides and other influences.

Community activities and use are woven through site. It connects communities; students from local schools using the Parklands as a place to play and commute to and from school, families coming to the park to meet friends and explore the nature and visitors from further abroad coming to the Parklands to unite and meet each other.

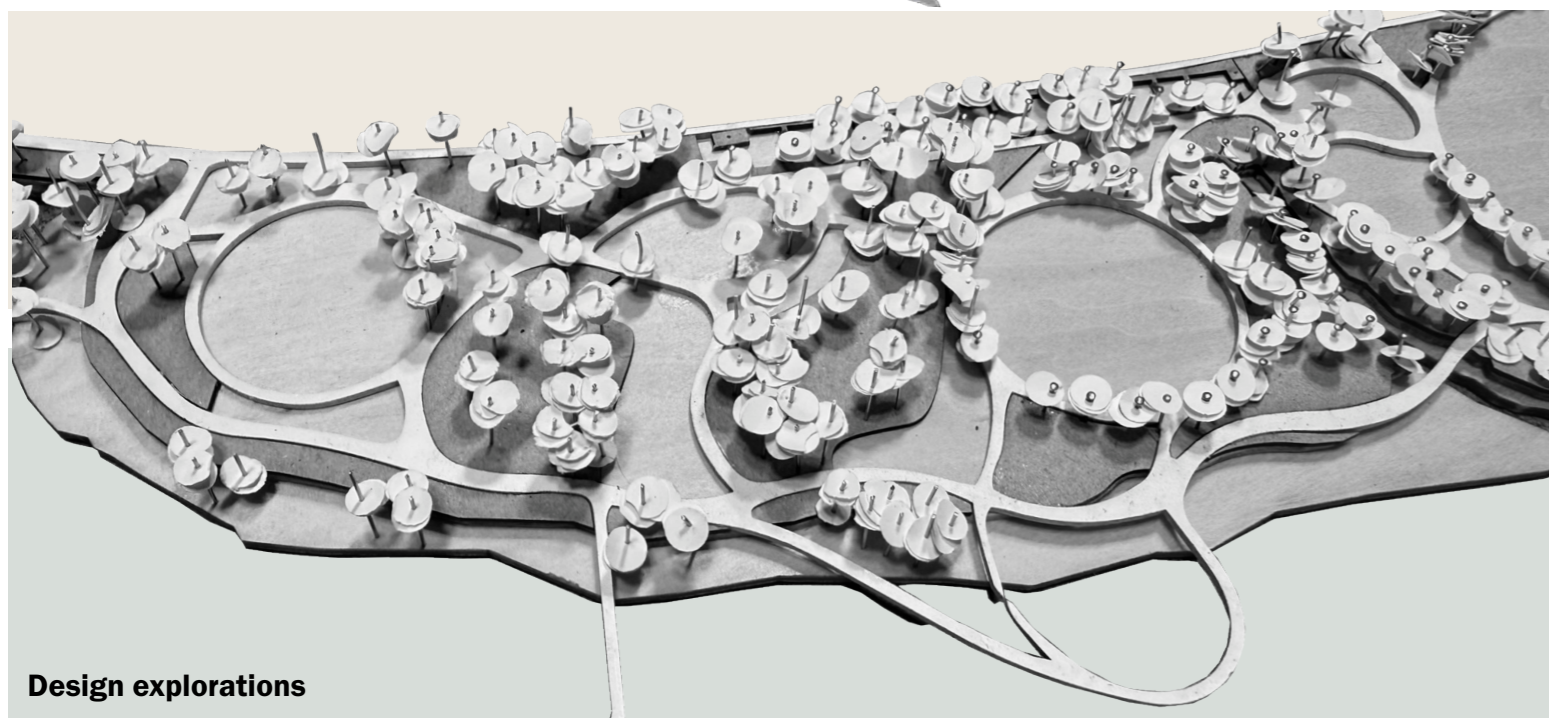
The Parklands are a constant point of ebb and flow, of people, land and water.



An ephemeral and transitional land



Design explorations



Design explorations



Park activities carved into a woven landscape of water and nature

# STRUCTURE

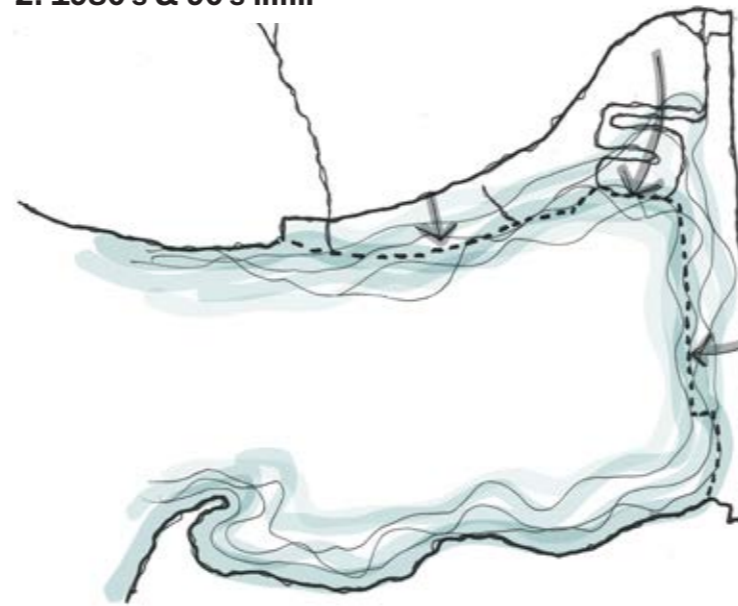
The structure of Warrawong Parklands reflects past, present and future conditions of the edge of Kully Bay. The late 80's infilling of the lake edge has ultimately led to a disconnection with the waters edge. The Parklands will draw in the watery character of the lake through edge treatments, activation and views.

The north and western portions of the Parklands will directly relate to the residential communities and uses of the surrounds. This is reflected in the proposed uses of play spaces, lawns and pavilions. The south and eastern portions adjacent to King Street will be destinational and draw visitors from beyond Warrawong to restaurants, skate parks, wedding venues and similar activities.

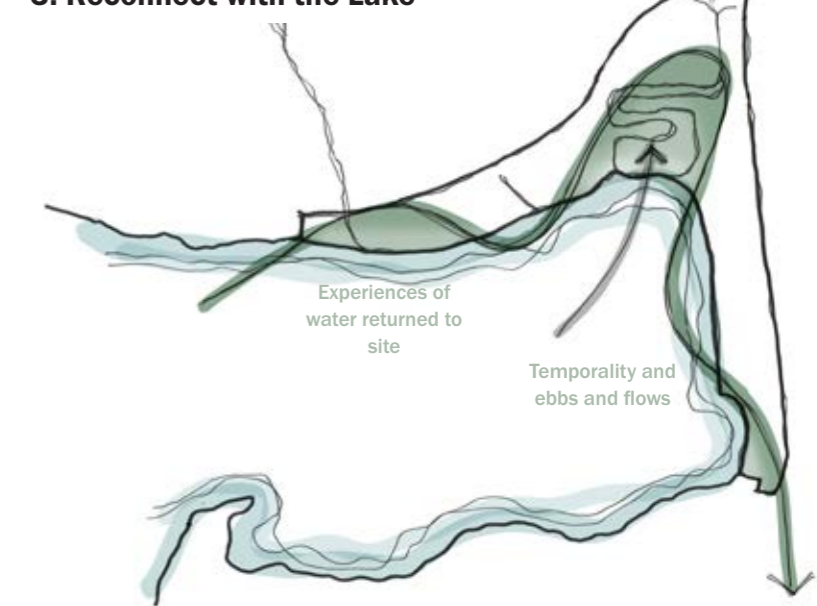
Between these two zones, the ecological wetlands remain and provide valuable habitat for lakeside flora and fauna.



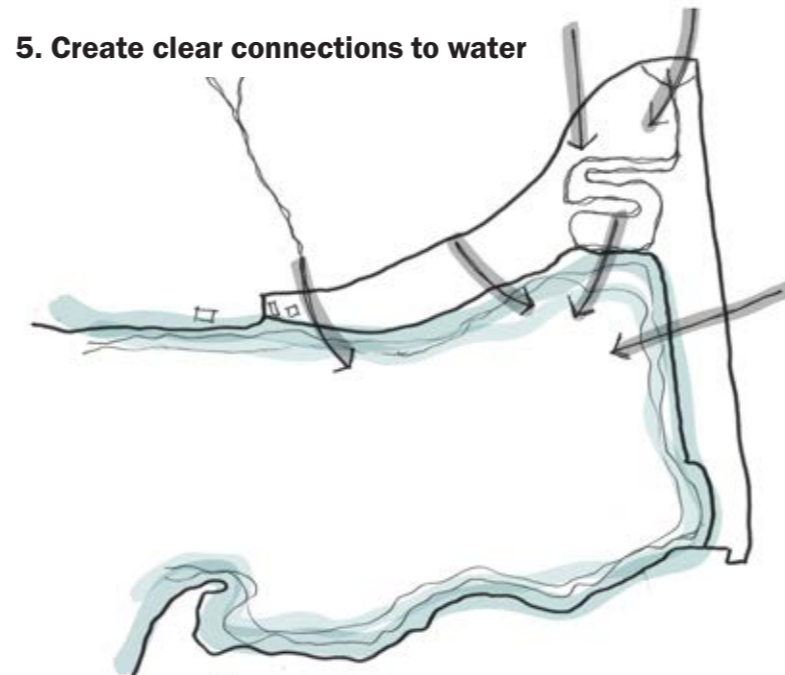
**2. 1980's & 90's infill**



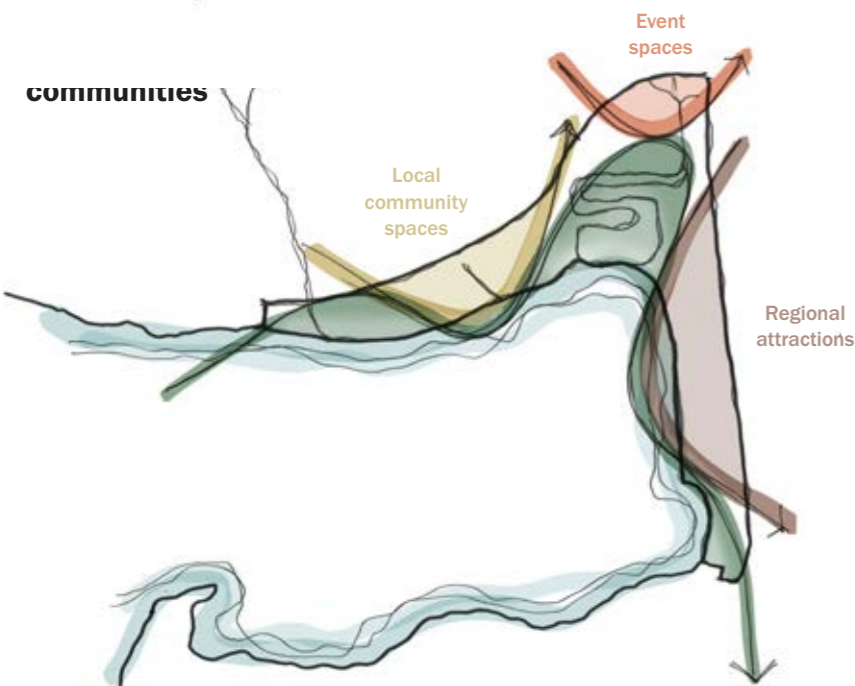
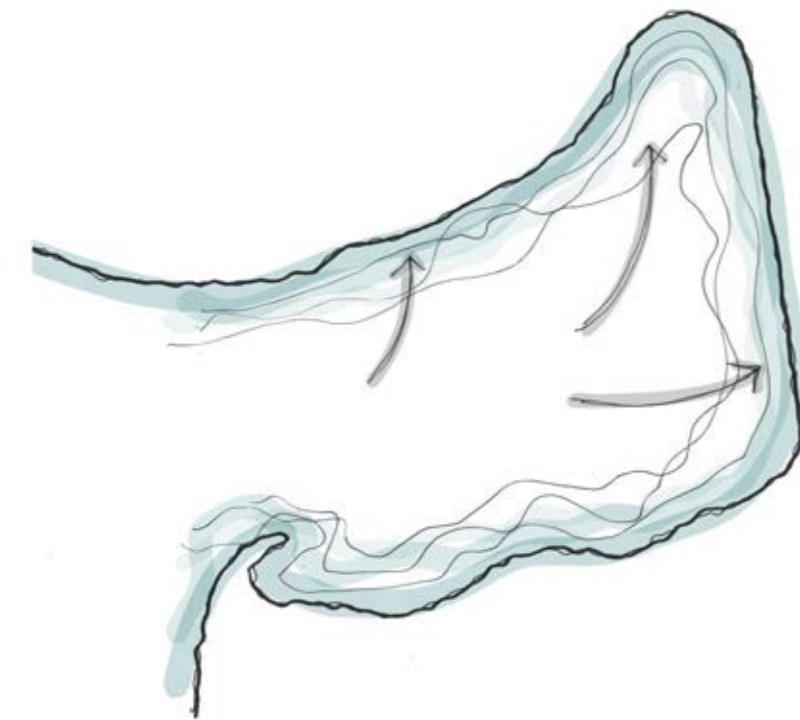
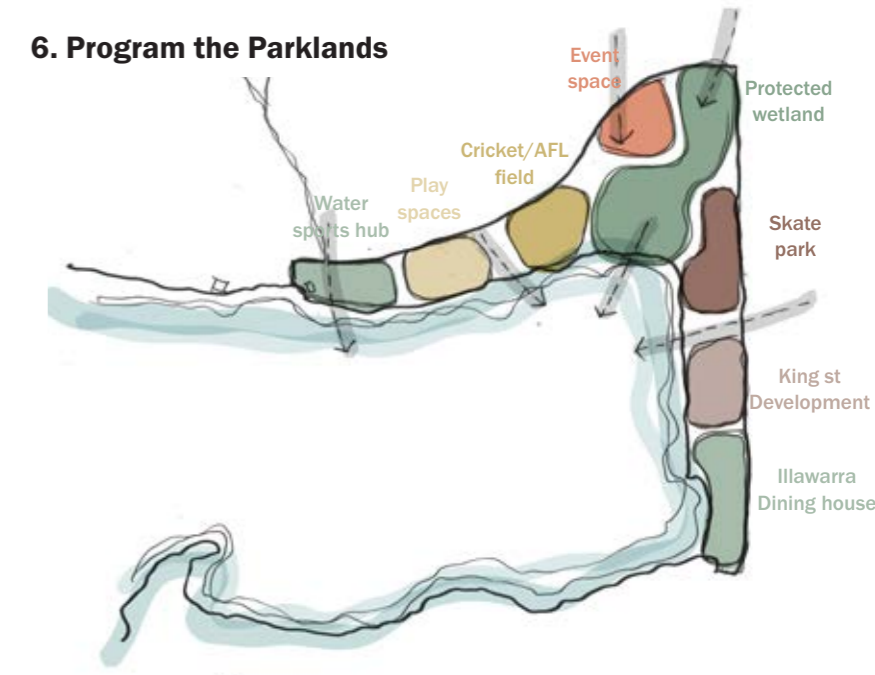
**3. Reconnect with the Lake**



**5. Create clear connections to water**



**6. Program the Parklands**



An aerial rendering of a park development. The park features a large blue lake with a red bridge, a green soccer field, a colorful playground, and a tennis court. The park is surrounded by a residential neighborhood with houses and a road. The text "YOUR PARK" is overlaid in the center.

# YOUR PARK

# PROJECT PRINCIPLES



## Care for healthy Country

The vision for Warrawong Parklands is grounded in the principles of the NSW Government's Connecting with Country Framework, where all decisions are made through a lens of having a positive and lasting impact on Country.

The landscape is more than a backdrop, it is a living system that holds cultural, ecological and community significance that forms the foundation for the Parkland's identity and future.

Warrawong Parklands will become a place of care, healing and community.



## Create connection with water

Warrawong Parklands creates the opportunity for visitors to connect to the waters of Lake Illawarra. The Lake is a defining element of the Parklands that is culturally significant, ecologically rich and visually striking. Its tidal flows and changing conditions offer unique and diverse opportunities for recreation.

The Master plan enhances access to the Lake with elements to invite people to get in, on and around the water, from steps down to the water, to boardwalks floating across the water, to beautiful planted edges.

By placing water at the heart of the Parklands the Master Plan celebrates its unique setting of Lake Illawarra.



## Play within nature

Warrawong Parklands are a place for play, exploration and recreation take place. It is where people of all ages can interact and engage with the landscape, the lake and each other in a rich natural setting.

The design includes Cricket field upgrade, water play and play spaces as well as quieter spaces to play in and around nature. Bush walking paths, birdwatching spots and garden areas will invite curiosity and reflection.

By embedding play within the landscape, the parklands will become a place where people can interact with nature as part of their everyday experience. Warrawong Parklands will support physical activity, and deeper connections to the land through play that is inclusive and diverse.



## Connect and grow the community

Warrawong Parklands is a key communal space, publicly accessible to all and central to the community. Communities can connect through program and design, providing spaces for connections, both new and old.

Key pedestrian and shared pathway links are created to physically connect the parklands to the surrounding community and assets of Lake Illawarra.

The parklands also represents a great chance for the community to benefit economically, with the development providing opportunities for business, employment and growth.

# CARE FOR HEALTHY COUNTRY

All decisions are made through the lens of having a positive impact on Country. Biodiversity is boosted, canopy cover increased, habitat expanded and waterways cleansed and slowed.

Activities at Warrawong Parklands play out within an ecologically rich setting, surrounded by tall trees and diverse understory planting.



Retention, protection and rehabilitation of existing flora, fauna and hydrology



Ensure the healthy water now and long into the future



Create a biodiverse, beautiful planted groundplane



Prioritise trees and shade

## Retention of important existing habitat

Swamp sheoak  
*Casuarina glauca*

Key feed for Glossy-black cockatoos

Bar-tailed godwit  
migratory stop-off

Broad leaved paper bark  
*Melaleuca quinquenervia*

Coastal Banksia  
*Banksia integrifolia*

Willow bottlebrush  
*Callistemon salignus*

Blue flax lily  
*Dianella caerulea*

Coastal tea tree  
*Gaudium laevigatum*

Bracelet honey-myrtle  
*Melaleuca armillaris*

Important small bird habitat

Sydney golden wattle  
*Acacia longifolia*

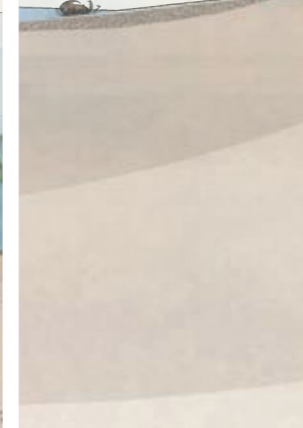
## Restored and natural lake edges

A key feature of the new Warrawong Parklands is the restoration, rejuvenation and creation of natural lake edges. The naturalisation encourages healthier water and create greater connections to the water for visitors



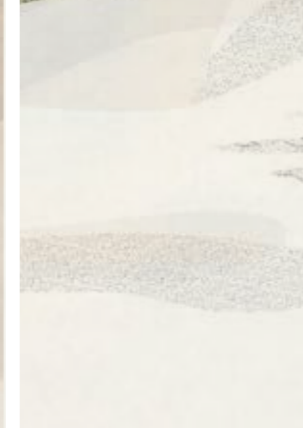
### Aquatic

Clean unpolluted waters to encourage diverse marine life



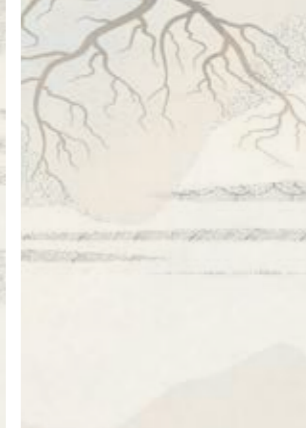
### Intertidal

Mudflats that receive tidal inundation to encourage Crustaceans that grow and scuttle along the mud



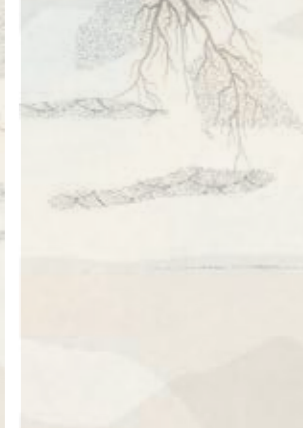
### Dense planting

Rich, diverse species plantings



### Dense planting with tree cover

Dense shrubs for bird habitat, with connected tree canopies



### Tree cover

Areas of lawn near planting for habitat connectivity

## New and highly diverse understory planting






Melbourne Pollinator Corridor






# Healthy Country

## LEGEND





### Existing vegetation retained

-  Estuarine Swamp Oak-Mangrove Forest  
Casurina dominated
-  Estuarine Swamp Oak-Mangrove Forest  
Phragmites dominated
-  Existing street trees

### Water

-  1 Riparian corridors rehabilitated
-  2 New riparian corridor for water health and flooding amelioration
-  3 Water collection and storage for parkland use
-  4 Ecological edge to lake replaces retaining walls
-  Storm water headwall performance to be reviewed

### Planting

-  Biodiverse park planting
-  Lawn
-  Intertidal edge
-  Biodiverse verge planting

### Trees

-  Park trees
-  Street trees



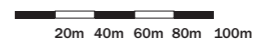
Street trees shade all street edge paths

Trees frame park rooms

High-value ecological value protection zone

20m vegetated riparian zone reinstated for connections

High-value ecological value protection zone



# CREATE CONNECTIONS WITH THE WATER

Warrawong Parklands creates the opportunity for visitors to connect to the waters of Lake Illawarra. The tidal flows of Lake Illawarra create many different types of condition from steps down to the water, to boardwalks floating across the water, to beautiful planted edges.

The Parklands enhances views to the water and creates opportunities for water based recreational activities.

Warrawong Parklands will celebrate the unique setting of Lake Illawarra



Return a connection between community and the water



Create places to dip your toe in



Celebrate views across the lake



Improve the quality of all water that passes across the site

Restored Intertidal zone



Typical illustrative section

## Reconnecting the community to the water



Henry Palmisano Park, Chicago



Existing condition



Existing condition

# Water destinations

## LEGEND

- In-lake structures
- Water amenity built form
- Bridges
- Lake access steps

## Water Sports Hub

- 1** Enhance existing Illawarra Rowing Centre, as required
- 2** Car park reconfigured to enable easy vessel drop off
- 3** Expanded existing ramp

## Lake Steps

- 4** Amphitheatre steps and accessible ramp to waters edge

## Water Playground

- 5** Water playground 900m<sup>2</sup>
- 6** Playground amenities pavilion

## Wetland waterfall steps

- 7** In-water stepping stones
- 8** Bridges

## Wetland Boardwalk

- 9** Boardwalk (320m long)
- 10** Lookout

## Lake Amphitheatre

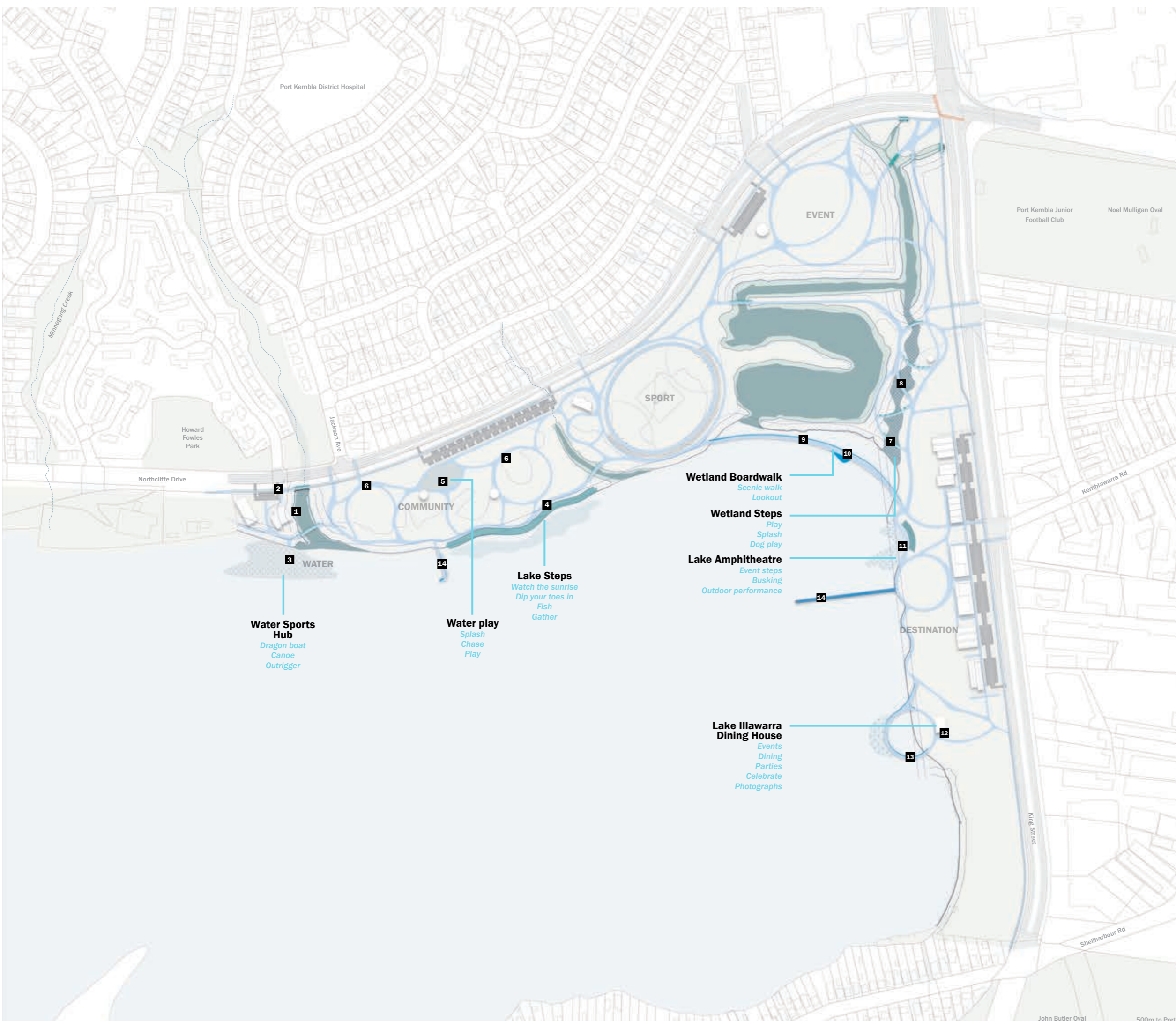
- 11** Amphitheatre steps (70m DIA)

## Lake Illawarra Dining House

- 12** Restaurant
- 13** Restaurant scenic loop

## Upgraded jetties

- 14** Upgraded as required



**Water Sports Hub**  
 Dragon boat  
 Canoe  
 Outrigger

**Water play**  
 Splash  
 Chase  
 Play

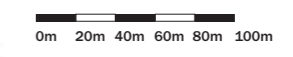
**Lake Steps**  
 Watch the sunrise  
 Dip your toes in  
 Fish  
 Gather

**Wetland Boardwalk**  
 Scenic walk  
 Lookout

**Wetland Steps**  
 Play  
 Splash  
 Dog play

**Lake Amphitheatre**  
 Event steps  
 Busking  
 Outdoor performance

**Lake Illawarra Dining House**  
 Events  
 Dining  
 Parties  
 Celebrate  
 Photographs



# PLAY WITHIN NATURE

Warrawong Parklands are a place for play, exploration and passive recreation take place. The parklands will feature thoughtfully designed hangout spots for youth and teens, providing safe and inviting places for them to meet, interact and spend time outdoors. Playgrounds designed for all levels of age and ability will draw families regionally. Beautiful gathering spaces, trails and paths and community activations will all combine to create a parklands for all members of the community.

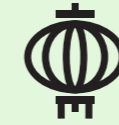
The design includes Cricket field upgrades, water play and play grounds as well as quieter spaces to play in and around nature. Bush walking paths, birdwatching spots and garden areas will invite curiosity and reflection. These combine to make Warrawong Parklands a place where people of all ages can interact and engage with the landscape, the lake and each other.



Provide space and facilities to encourage active Play



Allow for play in and around nature



Engage with diverse and distinct cultures in a playful way



Create areas for children of all ages to play

Culturally active and activated parklands



Tumbalong park Serbian festival, Sydney

New community picnic spaces



Artists Impression

Integrated nature play elements



Ityamallpinna Yarta nature playground, Adelaide

New Olympic-standard skate park



Artists Impression

# Playful nature

## LEGEND

- Play zones
- Lawns and open areas for picnics and informal play
- Water-based play
- Programmed places to play, such as a skate park or sports field

## Play spaces

- 1** Large, district scale play spaces catering to all levels of play
- 2** Water playground
- 3** Playground amenities pavilion

## Cricket Field

- 4** Re-aligned field to improve play, expanded to host senior Cricket matches
- 5** Upgraded clubhouse and facilities
- 6** Unstructured warm up field with fitness class infrastructure

## Event Space

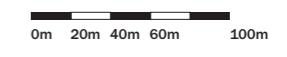
- 7** Event amenities pavilion
- 8** Hardstand ring for loading on and off

## Wetland waterfall steps

- 9** In water stepping stones

## Skate park

- 10** Olympic-standard Skate park



**Park Principals**

# CONNECT AND GROW THE COMMUNITY

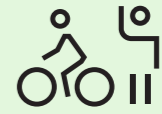
Warrawong Parklands is a key communal space, publicly accessible to all and central to the community. Communities can connect through program and design, providing spaces for connections, both new and old.

Key cycle and pathways links are created to physically connect the parklands to the surrounding community and assets or Lake Illawarra.

The parklands also represents a great chance for the community to benefit economically, with the development providing opportunities for business, employment and growth.



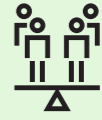
**Enhance street edges and site access for access and comfort**



**Make the Lake Illawarra shared path for all**



**Design many journeys through the park, immersed in nature**



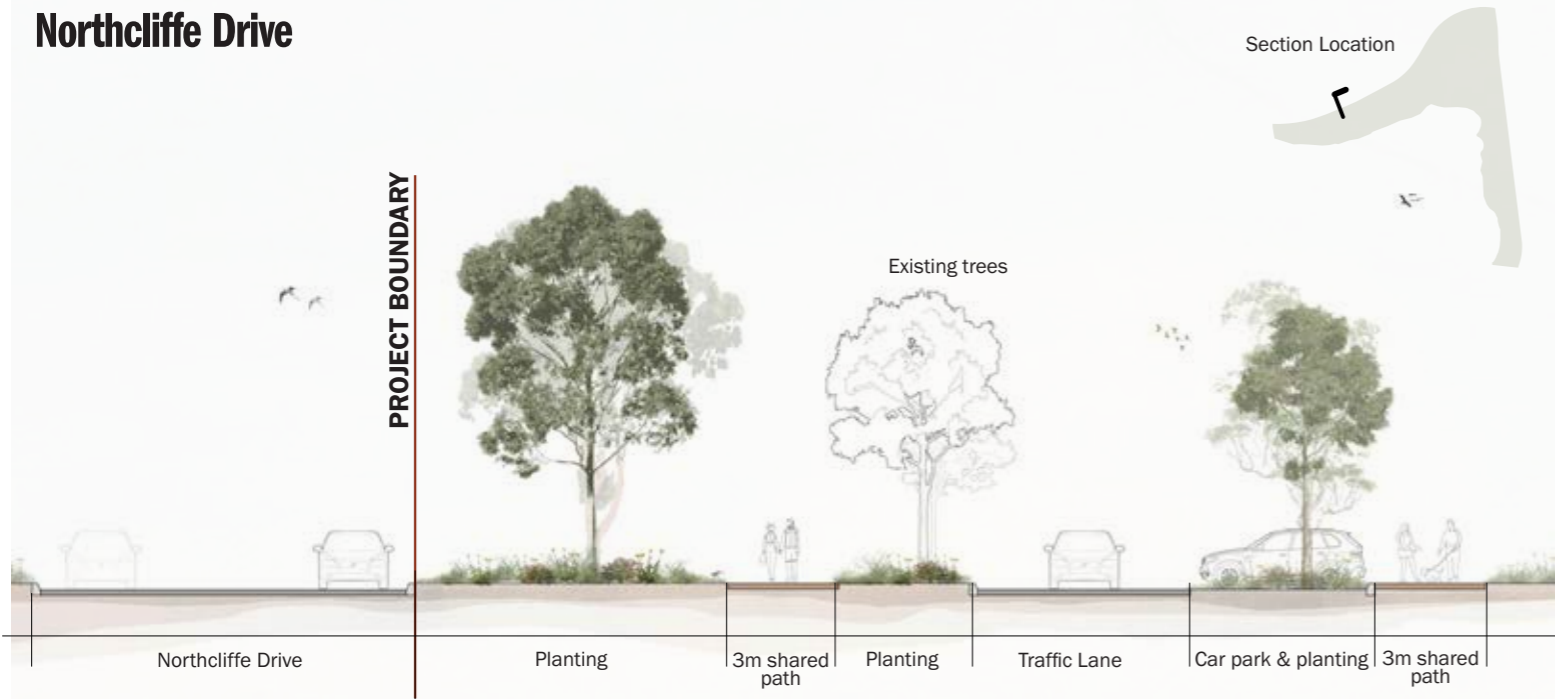
**Create a park that is equitable and safe for all visitors**

## Northcliffe Drive

Section Location

PROJECT BOUNDARY

Existing trees



## New Lakeside Connections



## King Street

Section Location

Potential Built Form

Existing trees

PROJECT BOUNDARY



## Typical path types



Typical meandering park path



Typical over water boardwalk



Typical shared paths (cycle and pedestrian)



Typical shared lake edge paths (cycle and pedestrian)

# Connectivity

## LEGEND

- S Signalised crossing existing
- S Signalised crossing proposed
- Zebra crossing
- B Bus stop
- Main pedestrian/ cycle connection points

## Vehicular Access

- 1 Rowing Centre car park reconfigured (9 spaces)
- 2 General Car park (124 spaces)
- 3 Event Car park (48 spaces)
- 4 General car park (204 spaces)
- Event loading loop (one-way)

## Bridges

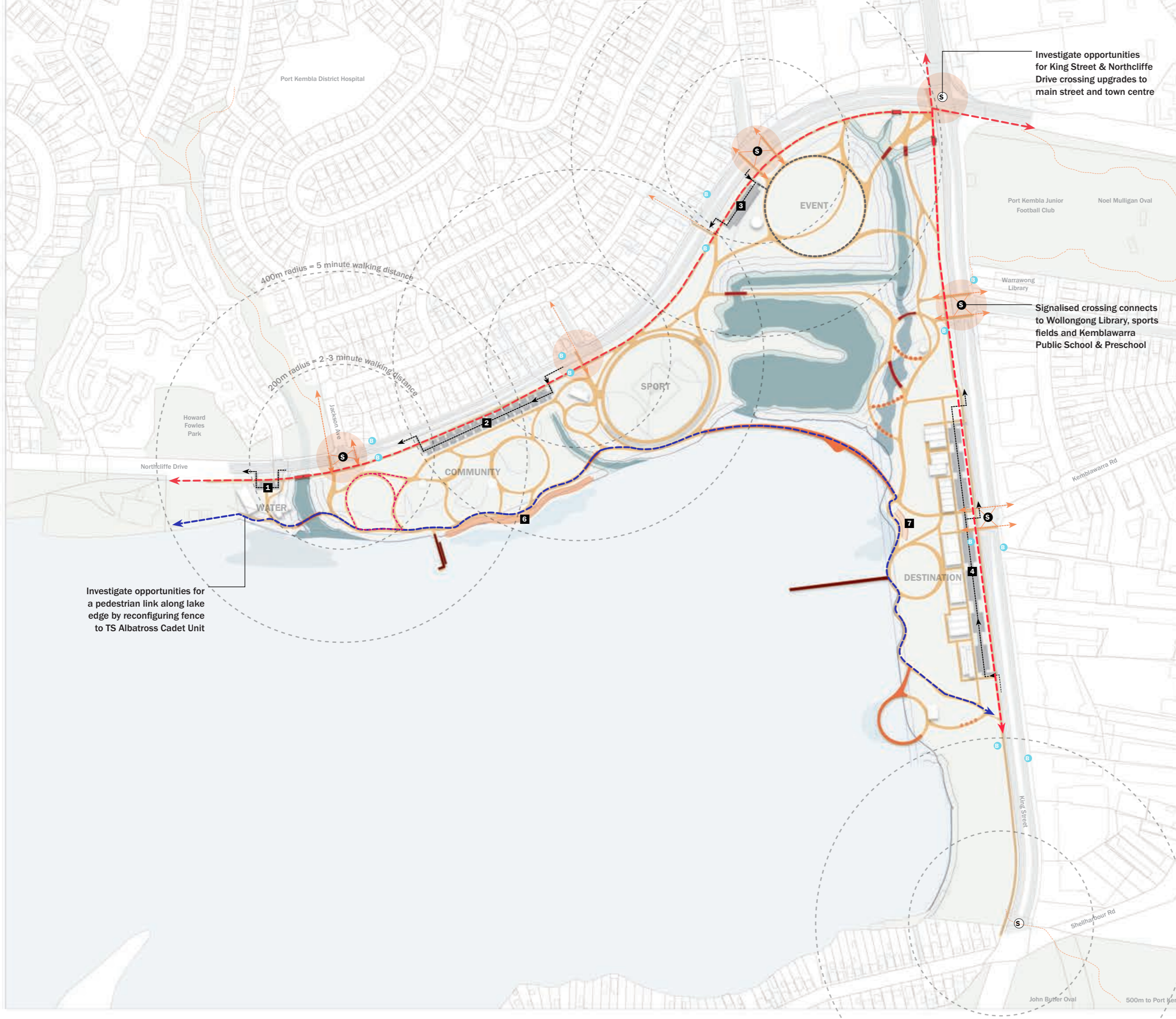
- New/ restored bridge crossings
- Over-water lake structures

## Pedestrian paths

- Shared commuter path (3m)
- Shared path - lake edge
- Learn to cycle loop
- Pedestrian paths
- Stepping stones

## Lake access

- Restored wharves
- 5 Boat hire jetty
- 6 Lake steps
- 7 Amphitheatre



Investigate opportunities for King Street & Northcliffe Drive crossing upgrades to main street and town centre

Signalised crossing connects to Wollongong Library, sports fields and Kemblawarra Public School & Preschool

Investigate opportunities for a pedestrian link along lake edge by reconfiguring fence to TS Albatross Cadet Unit

0m 20m 40m 60m 80m 100m



John Butler Oval 500m to Port Kembla Beach

# BUILT AMENITY

The built amenities at Warrawong Parklands honour the area's industrial heritage and enhance community connections. Inspired by Warrawong's architecture, the design incorporates basic forms with pitched roofs and materials like steel beams and corrugated iron. Along Northcliffe Drive, a vibrant precinct emerges, offering mixed-use spaces that respect local character and connect with the waterfront.

Additionally, a series of pavilions integrated into the landscape provide spaces for rest and connection, drawing from the area's industrial and architectural history.

## Architecture that is connected to Warrawong's built fabric



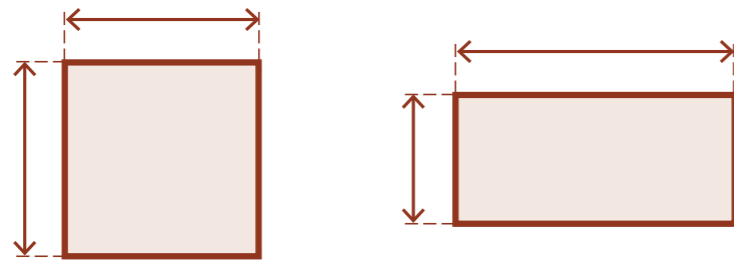
Pitched roof sheds



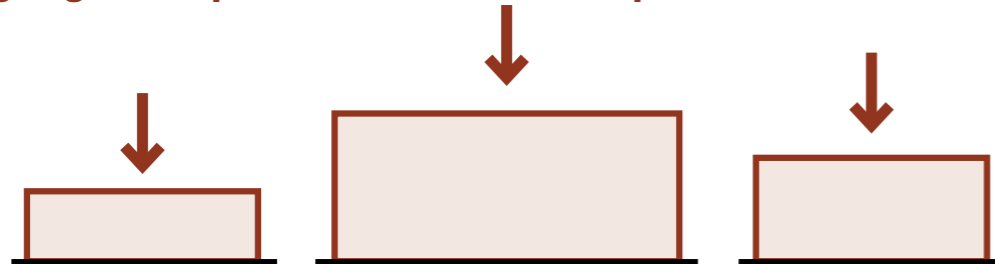
Saw-tooth

## Architectural logic to King Street built form

### 01. Introduce variation in building typology and foot print



### 02. Building height to respond to context and landscape



### 03. Built form and articulation responding to local character



Maurice Bejart School, France



Östermalm's Temporary Market Hall, Sweden



Bishops Square, United Kingdom

# Built amenity

## LEGEND

- S Signalled crossing existing
- S Signalled crossing proposed
- B Bus stop
- Main pedestrian/ cycle connection points

## Vehicular Access

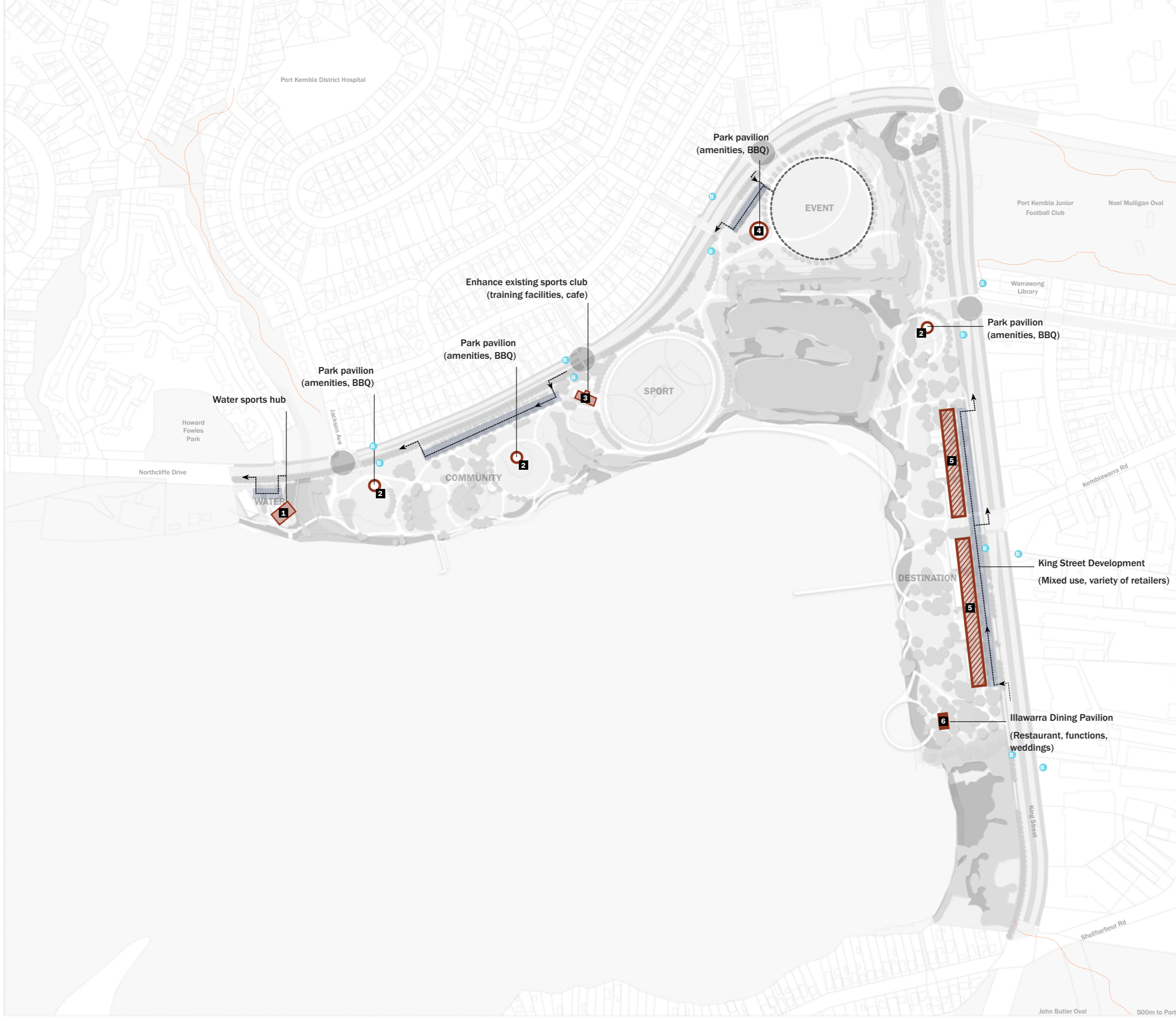
- Car park
- Car park traffic flow
- Event loading loop (one-way)

## Built Form

- O Park pavilion
- Upgraded existing buildings
- Small scale buildings
- Larger scale building footprint

## Pedestrian paths

- 1 Illawarra Rowing Centre upgraded as required
- 2 Park pavilions containing amenities, storage, and Barbecues
- 3 Upgraded Cricket/ AFL clubhouse and facilities
- 4 Larger Pavilion with potential for community activations or exhibitions
- 5 King Street Development
- 6 Illawarra Dining Pavilion Restaurant and function space



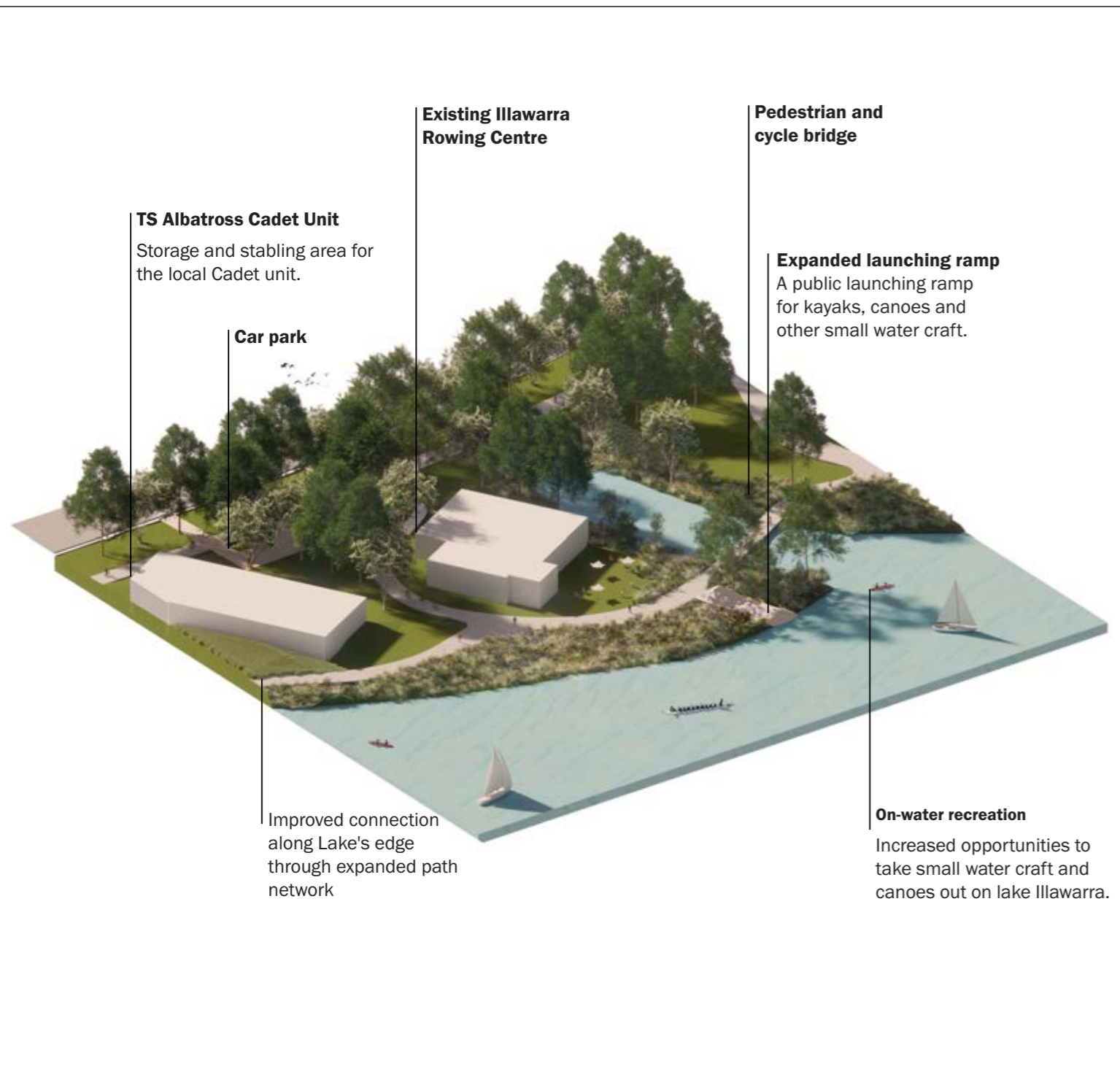
John Butler Oval 500m to Port Kembla Beach

# WATER SPORTS HUB

## Enhancing the Illawarra Rowing Centre and surrounds: A hub for water sports.

The Illawarra Rowing Centre is a multi-sport waterfront hub for canoeing, dragon boating and outrigger. Existing paddle sports users will be supported through the expansion of the existing ramp. Opportunities to rename facilities to better reflect existing paddle sports uses will be investigated.

The master plan aims to enhance the functionality and inclusiveness of the precincts to promote equitable access to on-water recreation for people of all ages and abilities. Opportunities to enhance public infrastructure to support on-water recreation such as kayaking and paddleboarding, will be investigated



# WATER STEPS & PLAY SPACES

## Inclusive play spaces and playful access to the water

The lake edge throughout Warrawong Parklands will have a variety of different conditions, from planted to boardwalks. With over 1.5 kilometres of waterfront within the Parklands, the master plan proposes a re imagined and diverse interface between land and water. This revitalised edge will feature a mix of planted and natural water steps, offering inviting places to sit, take in the views, and engage with the landscape. It also creates playful opportunities for children and families to explore the shoreline, scrambling among rocks, spotting crabs, and discovering small fish along the water's edge. Areas will be created for youth and teenagers to come together, encouraging them to connect with friends, enjoy informal gatherings and actively participate in park life.

Creation of over 4000m2 of regionally significant, inclusive play spaces that incorporates the principles of Everyone Can Play will be sited to maximise views over Kully Bay. Incorporating water and nature play, this area will be a draw card for the local community and visitors to the area.



### Pavilion

Park amenity building

### Play

New, inclusive play spaces for children and youth

Closest car park 40m away.



**BBQ's, picnic and seating areas**

### Water Steps

Gently terraced to the water and nestled into planting

**Shared cycle path**



# SPORTS HUB

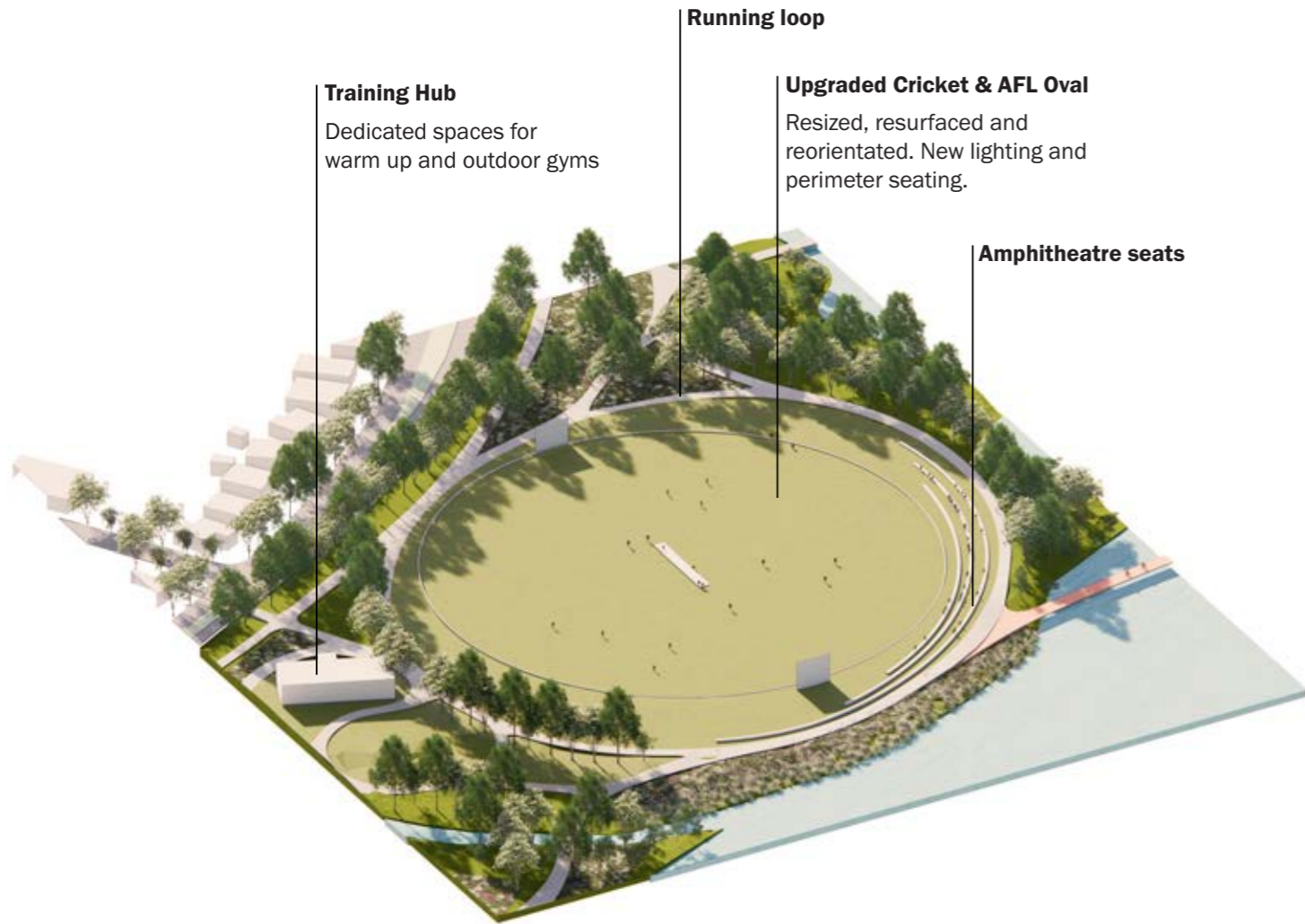
## Upgraded centre of community sport

With a reorientated and upgraded sports oval ready for Cricket and AFL, the new sports hub is a centre for community activities. The oval will be able to support all levels of cricket competition up to open age.

The existing sports facilities will be transformed into a welcoming hub for diverse fitness, health, and recreational activities. Upgraded spaces will support Cricket, AFL, running, outdoor training, yoga, and amphitheatre-style seating, enhanced by expanded tree canopy for shade.

The Port Kembla Eagles Junior AFL Club will be reimagined as a vibrant Clubhouse, featuring changing rooms, a gym, and a multi-purpose event space.

New amphitheatre seats create another iconic moment in the Parklands, a space to look into the park with the Lake providing a backdrop to the experience.



# SCENIC BOARDWALK

## The Park Icon - a classic Illawarra Lake experience on the water.

The 300m long new boardwalk transforms how Warrawong Parklands are experienced and connected. There is now a direct connection along the entirety of the lake edge, a stunning new addition to the Lake Illawarra foreshore.

The boardwalk offers a position to look back and gaze into the existing wetlands, appreciate the, diverse and flourishing habitat it creates and become an advocate for the ecologies it protects, all whilst keeping a respectful and unobtrusive distance.

With the wetlands as a backdrop, and glimpses of the birdlife that occupies this important habitat, visitors are invited to turn around and appreciate the grand vista over the lake. A large rest stop half way is an ideal place to sit and take in the view.



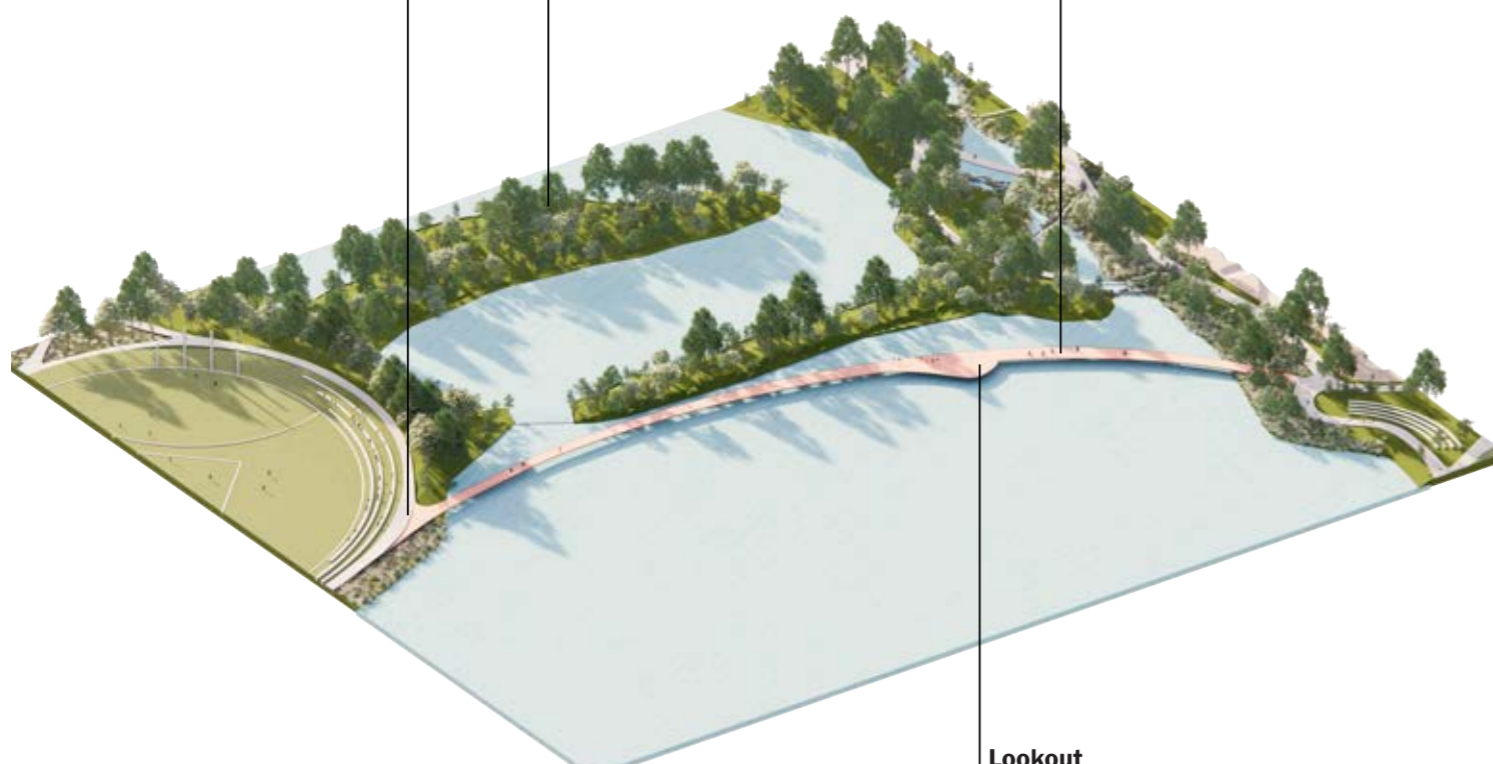
### Wetlands and the bird habitat

Existing habitat is home to diverse and varied species of fauna and flora, which is protected and undisturbed by the design, whilst new views and vantage points are created.

### Boardwalk

Over water boardwalk, with regular opportunities for seating and spectacular viewing across the lake

### Shared cycle path



### Lookout

A mid point break to sit and enjoy the view



# WETLANDS

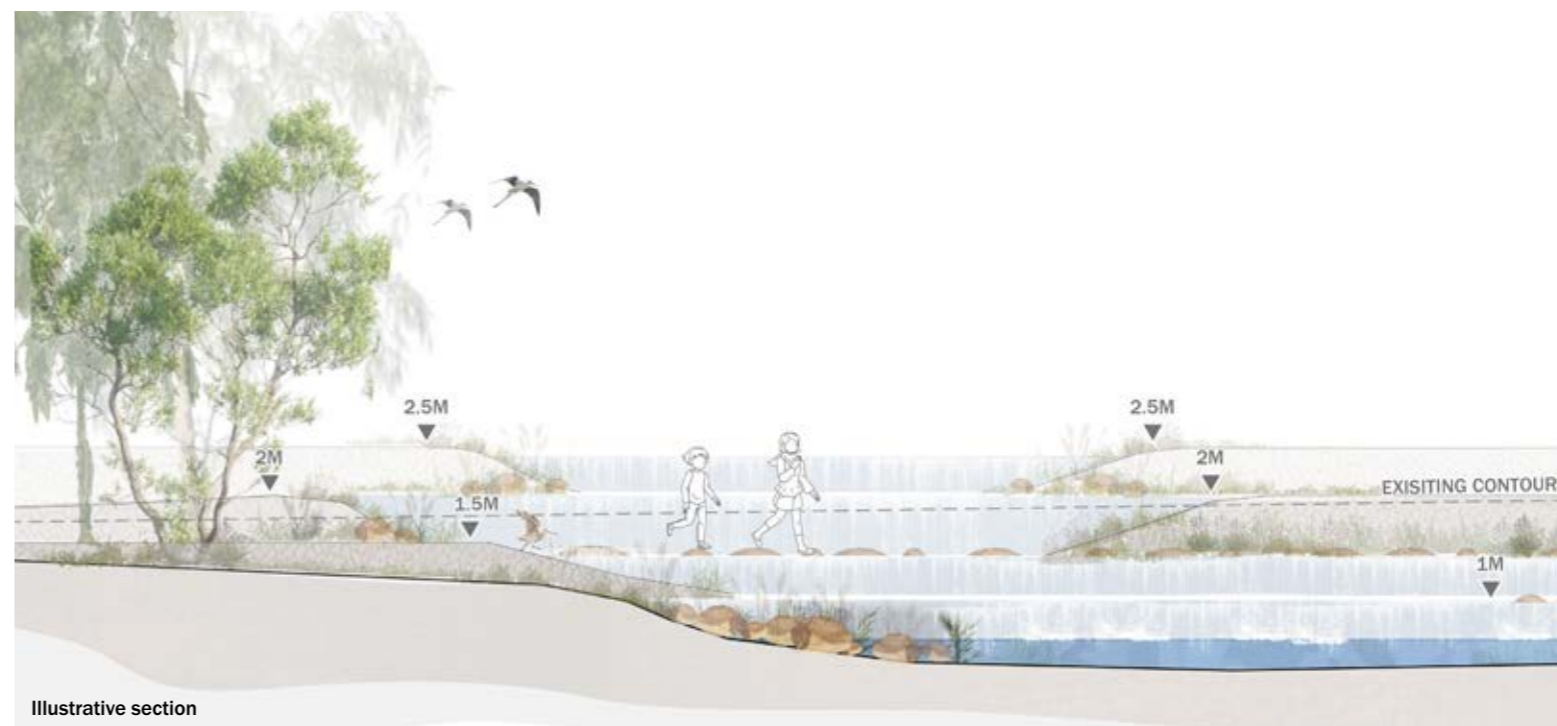
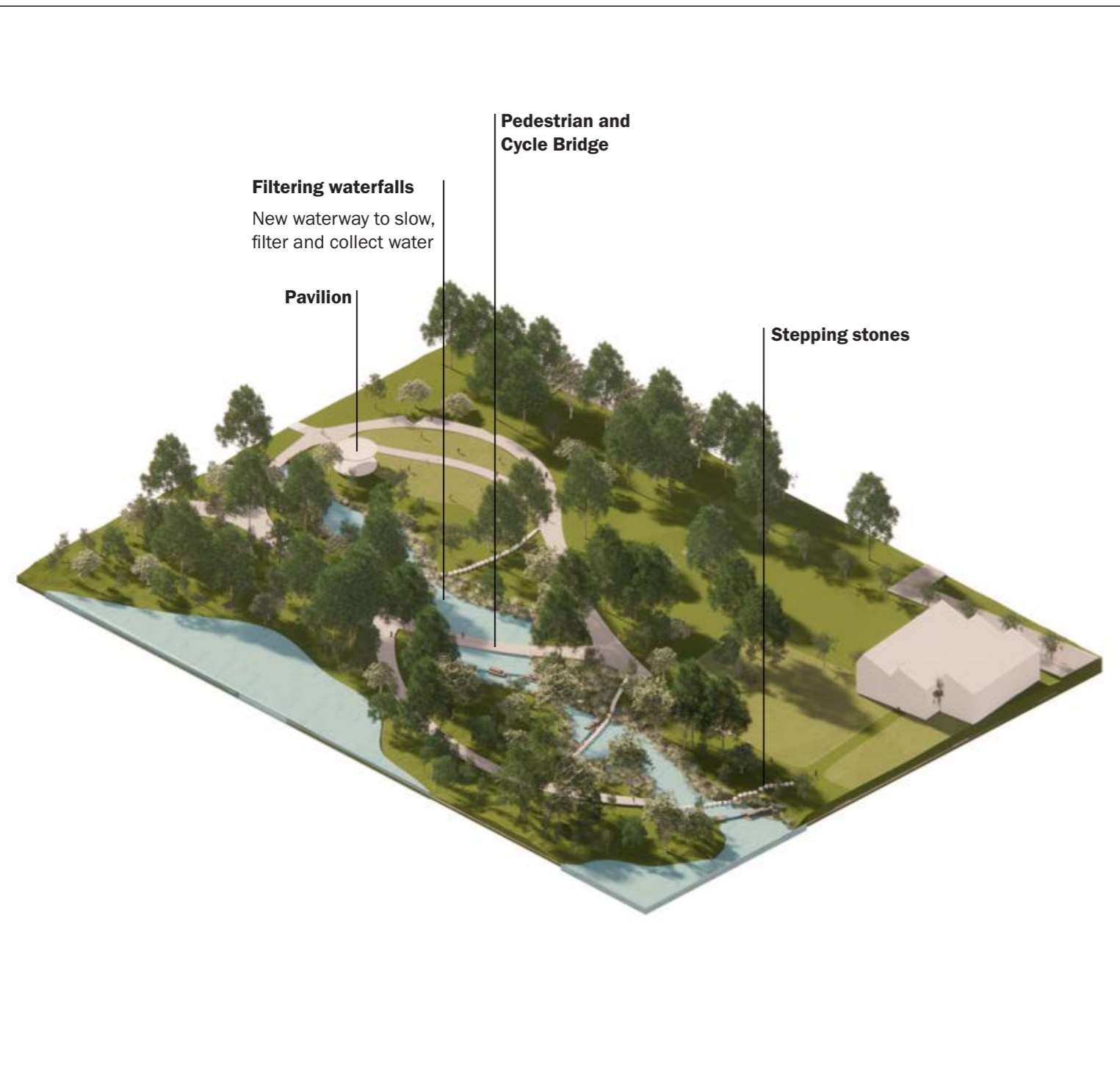
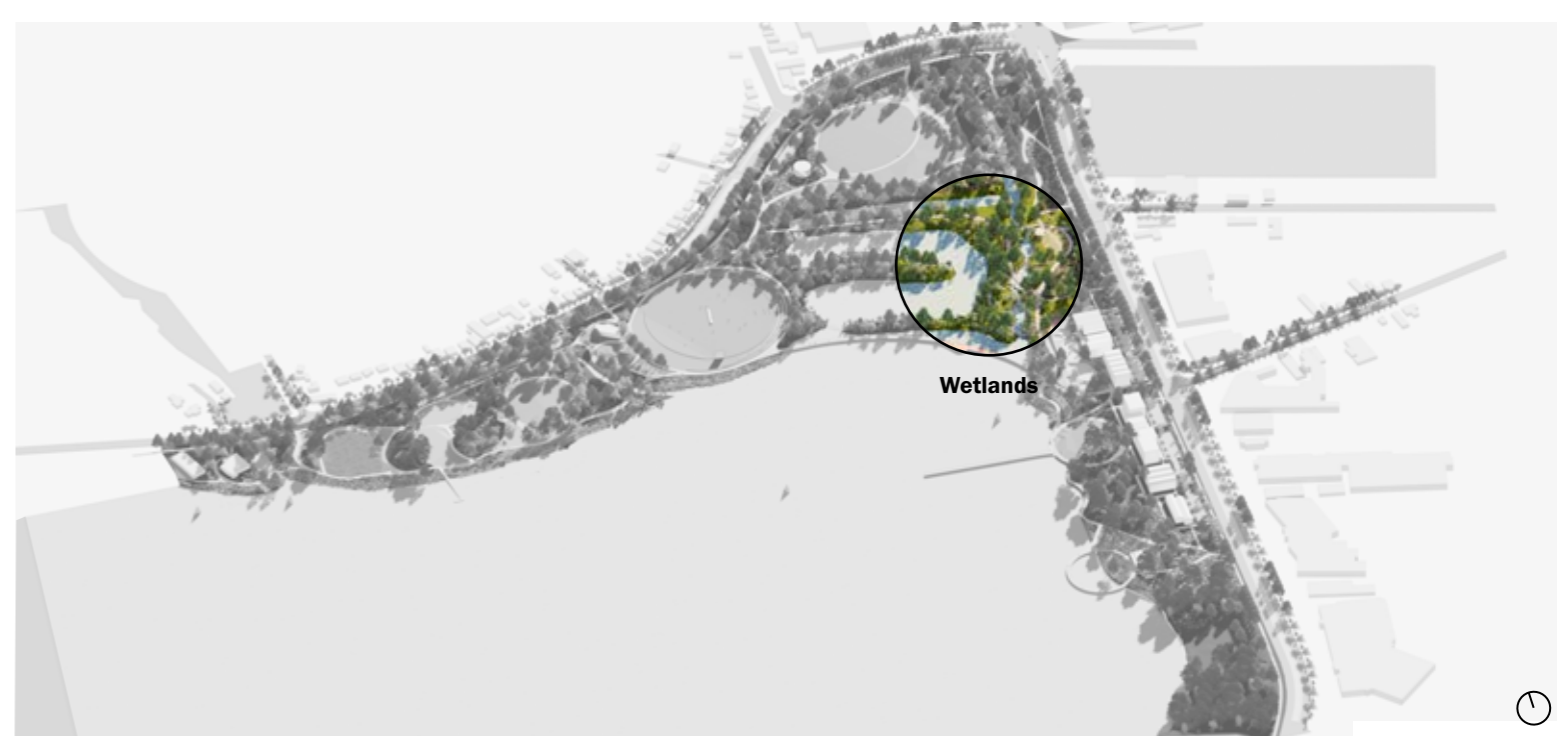
**Immersed in nature: Watch and interact with the flows of water as they filter through the park**

The new wetlands propose a creek corridor link to the existing storm water outlet, creating a space for visitors to connect with nature and water.

This connects to the broader masterplan's strategy of improving the quality of all water that passes across the site, ensuring water is slowed, soaked and cleaned.

This riparian corridor will slow, filter, and collect water during peak flows—reducing flooding, improving water quality, and offering a refreshing spot for people and pets to enjoy.

It allows for the existing wetlands to continue to be a protected sanctuary for native flora and fauna, whilst creating opportunities for people to engage and interact with nature.



# SKATE PARK

## An Olympic-standard skate park, a regional destination

Beautifully woven into the landscape of Warrawong Parklands, the new skate park is sized for Olympic-standard activities and also a daily destination for local skaters.

A variety of levels of skaters are accommodated, from learner to expert. The skate park includes formal skate bowls, along with skate-able landscapes that lead into the wider Parklands.



Potential retail opportunities



### Skate park

An Olympic-standard skate park and facility, creating a regional draw card

### Boardwalk

Connection between the skate park and residences to the west of the parklands

# LAKE AMPHITHEATRE

## A Scenic Gathering Space

Nestled at the water's edge, the amphitheatre steps down toward the lake, perfectly oriented westward to frame views of the distant mountains.

It serves as a vibrant hub—welcoming individuals, small and large groups for everyday moments of connection, while also transforming into a lively venue for special events and performances.



### Lake Amphitheatre

A place to sit, gather and enjoy the vista over Lake Illawarra

### Shared cycle path



Tom Hanaford Park, Iowa, USA



Artists Impression

# EVENT AND DINING

## A Landmark Lake front Escape

An iconic destination perched on the edge of the water, seamlessly accessed via a scenic garden loop. This could be Lake Illawarra's most popular event venue - weddings, birthdays and celebrations.

Meandering paths through beautiful, flowering gardens immerse visitors in nature, leading to a dining house that may feature a bar, restaurant and sun-baking roof, for the ultimate waterfront experience.



Event and Dining

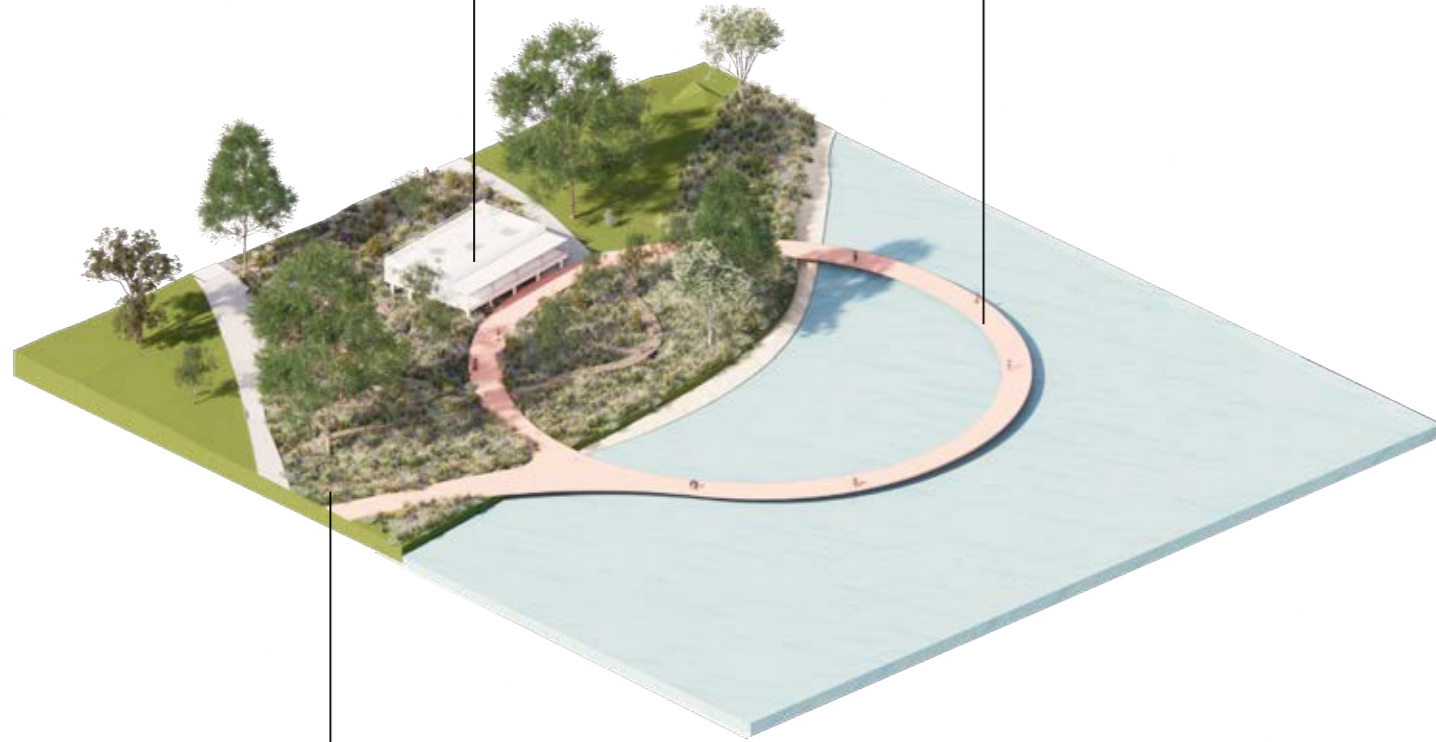


### Dining and Events

A retail destination on the water

### Scenic Loop

Boardwalk over the water offering a different perspective of the lake and photo opportunities for events and weddings



### Garden

A picturesque garden, with meandering paths, seating and gathering areas



Artists Impression



NOMA, Copenhagen

# MASTERPLAN



Warrawong Plaza

Darcy Wentworth Park

Howard Fowles Park

Northcliffe Drive

Events Space

Wetlands

Oval

New boardwalks

Skate Park

King Street

Illawarra Yacht Club

Play Areas

Gardens

Albert Butler Park

Not to Scale



**PAGE INTENTIONALLY LEFT BLANK**

An aerial photograph of a forest with a glowing circular pattern of light spots. The word "STAGING" is overlaid in the center in a large, white, bold, sans-serif font. The forest floor is covered in a dense layer of trees, and the light spots are arranged in a circular pattern, resembling a stage or a clearing. The overall color palette is a mix of dark greens, browns, and grays, with the white text providing a strong contrast.

**STAGING**

# WARRAWONG POTENTIAL STAGING

We propose to deliver the project in a staged approach, ensuring that each step generates tangible public benefit, unlocking funding opportunities, and building momentum for long-term success. This approach balances early activation with sustainable growth, ensuring the park evolves meaningfully with community needs and regional priorities.



## Enabling works

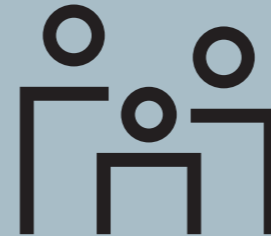
Reconstruct environmentally friendly seawall to ensure all of the parklands are safe and accessible.



## The Welcome Stage

Construct a welcoming and successful park

- a. Community Parklands on Northcliff Drive
- b. Major east west boardwalk and sport hub



## The Destination Stage

Deliver a regional draw card

- a. Skate park and surrounds
- b. Event Space, Water sports hub and lakeside restaurant



## The Growth Stage

Sustain and uplift the site

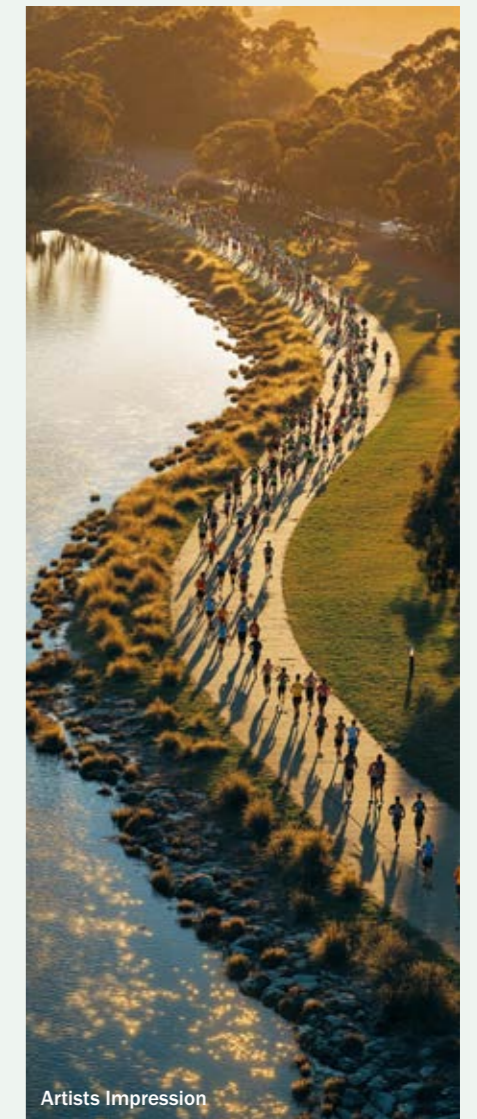
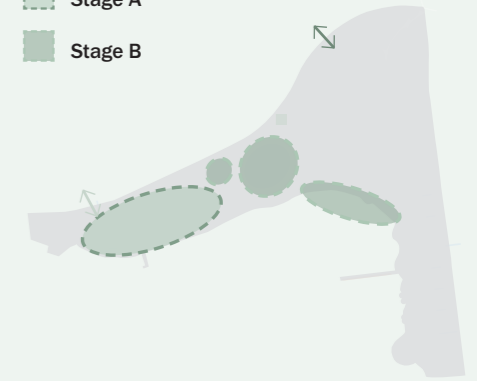
- a. Built form

# THE WELCOME STAGE

The welcome stage focuses on the core mission of Warrawong Parklands. Building a park.

It establishes planting that will grow and develop over time, delivers the largest amount of public amenity through formalised play elements, sporting fields and cafés, and improves the broader community's experiences of the park through streetscape upgrades.

Stage A  
Stage B



### Healthy Country

- Improves canopy cover and understory diversity
- Creates and improves habitat for local wildlife
- Decreases car dependency through better, low-impact transport (walking, cycling) links

### Connection with water

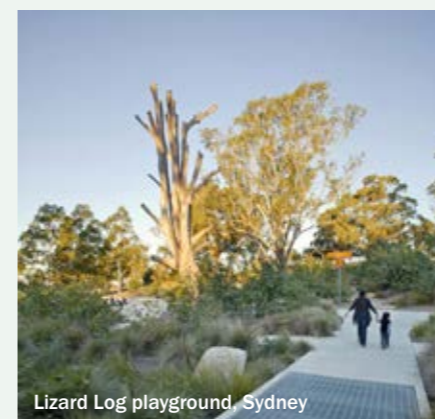
- Restores foreshore condition
- Creates opportunities to splash and play, bring the community to the waters edge
- New boardwalks provide views and new experiences over the water

### Connect the community

- Provides facilities for young people and families in an under served area
- Establishes identity and pride for the Warrawong community
- Creates safe, welcoming, and intergenerational gathering places
- Attracts regional visitors and day trippers

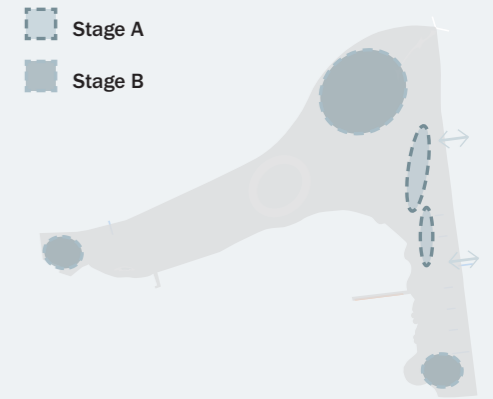
### Play within nature

- New play spaces are constructed for locals and visitors alike
- Trail based recreation paths established and twist through the parklands
- Enables community-led events, learning, and creative programs



# THE DESTINATION STAGE

**The destination stage transitions Warrawong Parklands from a highly successful park, to a destination location. It incorporates unique and noteworthy elements, such as an Olympic-standard skate park- a state first. The wetland system is constructed, improving water quality through the park and lake. Upgrades to existing facilities; paddle sport club and market area all increase the amenity and offering, elevating the parklands. A drawcard restaurant will also be created in this stage.**



**Healthy Country**

- Builds ecological literacy through exposure, signage and education
- Minimises embodied carbon through reuse of existing structures
- Event infrastructure is located away from high-value ecological areas

**Connection with water**

- Wetland steps actively purifies and improves water quality within and around site
- Introduces wetland plantings and water-sensitive design
- Water Sports hub allows for rental and storage of light water hub

**Connect the community**

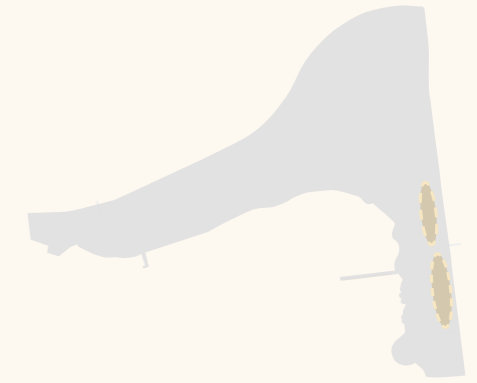
- Events lawn and café terraces become intergenerational and multicultural meeting places
- Enables festivals, markets, and live performances that reflect community identity
- Adds all-day, all-weather attractions that extend length of stay for domestic visitors

**Play within nature**

- Creation of an Olympic-standard skate park creates an anchor to the parklands
- Sports and exercise, casual and team based is improved by the upgrades to existing facilities
- Cultural engagement and sharing is enabled through the large event space, encouraging events, markets and celebrations



# THE GROWTH STAGE



**The growth stage delivers the economic engine of Warrawong Parklands.**

**The stage brings a permanent retail and hospitality spine along the parklands and a flexible event lawn with supporting infrastructure. These elements will unlock tourism, job creation, and ongoing income generation for the park, while elevating Warrawong as a waterfront destination in the Illawarra.**

### Healthy Country

- Improves climate resilience through passive design and landscape restoration
- Provides potential revenue streams to support and upkeep the wetlands and park spaces

### Connection with water

- Creates iconic retail and hospitality experiences at the shores of Lake Illawarra
- Highlights the stunning views across the water

### Connect the community

- Offers inclusive opportunities for locals to grow the local economy
- Expands youth, family, and cultural programming with safe night-time use
- Opportunity for local entrepreneurs to base retail in high quality, local locations

### Play within nature

- Opportunities for retail to provide recreational activities
- Nestled in the parklands, the built form takes on a strong natural character



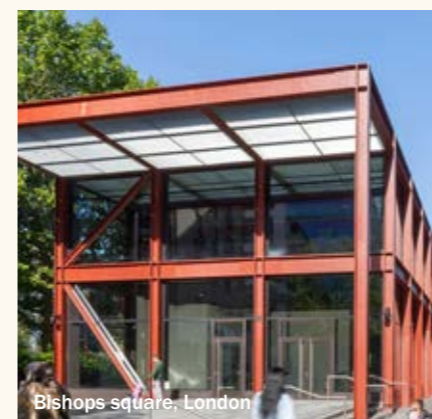
F1963 Cultural centre, Busan



Kindergarten In The Churchyard, Zsámbék, Hungary



Blackfriars Children's Centre, Sydney



Bishops square, London



Ashes & Diamonds Winery, Napa valley

# STAGING

## WELCOME

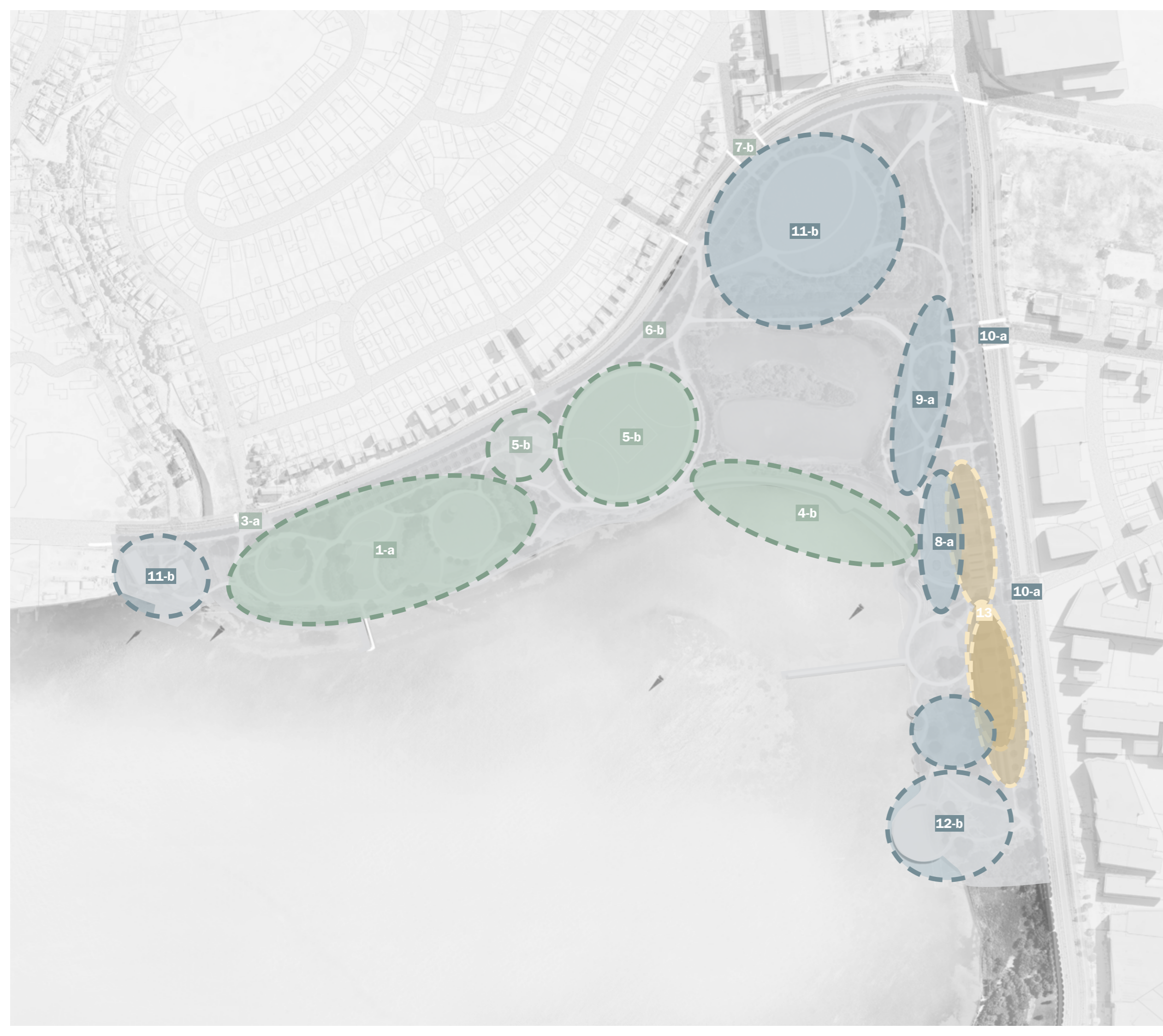
- | Stage A |  |
|---------|--|
| 1-a     | <b>Play spaces &amp; Cafés</b> - Provide places for play and community gathering                                     |
| 2-a     | <b>Ecological/ Landscaping</b> - Plant and restore all plants for the park (that are feasible before development).   |
| 3-a     | <b>Signalisation</b> - of the Northcliffe Drive and Jackson Avenue intersection                                      |
| Stage B |  |
| 4-b     | <b>Board walk connection</b> - Construct elevated walkway uniting both sides of the park.                            |
| 5-b     | <b>Sports Hub</b> - upgrades to the existing AFL clubhouse and a realignment of the existing field & spectator areas |
| 6-b     | <b>Streetscape</b> - Plant street trees and diverse understorey, expand footpath.                                    |
| 7-b     | <b>Signalisation</b> - of the Northcliffe Drive and First Avenue South intersection.                                 |

## DESTINATION

- | Stage A |  |
|---------|--|
| 8-a     | <b>Skate park</b> - Deliver Olympic-standard skate park  |
| 9-a     | <b>Wetland steps</b> - Establish wetland waterfall system  |
| 10-a    | <b>Signalisation</b> - of the King Street and Hoskins Avenue intersection and of King St and Kemblawarra                                       |
| Stage B |  |
| 11-b    | <b>Illawarra Rowing Centre</b> - Upgrade ramp to support paddle sports and on-water recreation.  |
| 12-b    | <b>Event area</b> - Add services, structure and a drivable ring to better support events<br>Car park upgrades are delivered with each facility |
| 13      | <b>Destination venue</b> - Construct destination venue to the south.   |

## GROWTH

- |    |   |
|----|---|
| 13 | <b>Commercial Development</b> - Establish Commercial development along King Street.<br>Create jobs and growth for the community, including broader benefit and entrepreneurial opportunity.<br>Car park upgrades are delivered with the development |
|----|---|



An aerial photograph of a dry, textured landscape, possibly a desert or a dry lake bed, with the text "SITE ANALYSIS" overlaid in the center. The terrain is characterized by intricate, wavy patterns and a mix of brown, tan, and grey tones, suggesting a complex geological or hydrological structure. The text is in a bold, white, sans-serif font, centered horizontally and vertically.

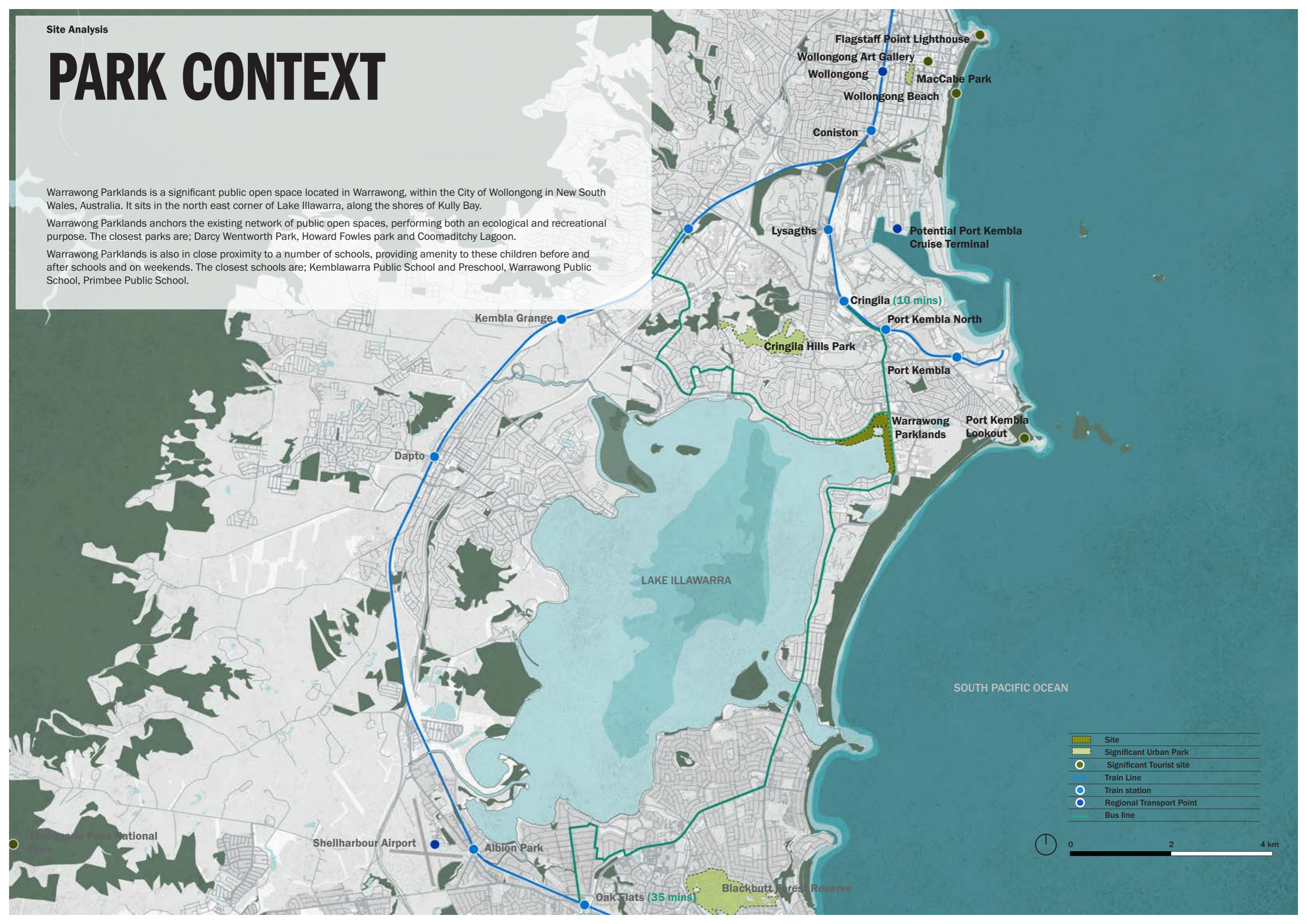
# SITE ANALYSIS

# PARK CONTEXT

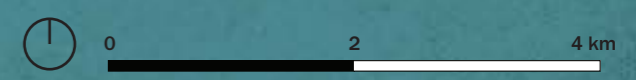
Warramong Parklands is a significant public open space located in Warramong, within the City of Wollongong in New South Wales, Australia. It sits in the north east corner of Lake Illawarra, along the shores of Kully Bay.

Warramong Parklands anchors the existing network of public open spaces, performing both an ecological and recreational purpose. The closest parks are; Darcy Wentworth Park, Howard Fowles park and Coomaditchy Lagoon.

Warramong Parklands is also in close proximity to a number of schools, providing amenity to these children before and after schools and on weekends. The closest schools are; Kemblawarra Public School and Preschool, Warramong Public School, Primbee Public School.



- Site
- Significant Urban Park
- Significant Tourist site
- Train Line
- Train station
- Regional Transport Point
- Bus line



# PARK LOCATION

The parklands are situated along Northcliffe Drive and King Street, at the southern tip of the Warrawong town centre. It sits adjacent to Warrawong plaza, a site marked for future development of an additional 1300 homes.

Warrawong Parklands stitches into an existing network of public open spaces, performing both an ecological and recreational purpose.



Lake Illawarra

Purry Burry Jetty

Howard Fowles Park

Warrawong Plaza

Kemblawarra Public School

Coomaditchie Lagoon

Albert Butler Park

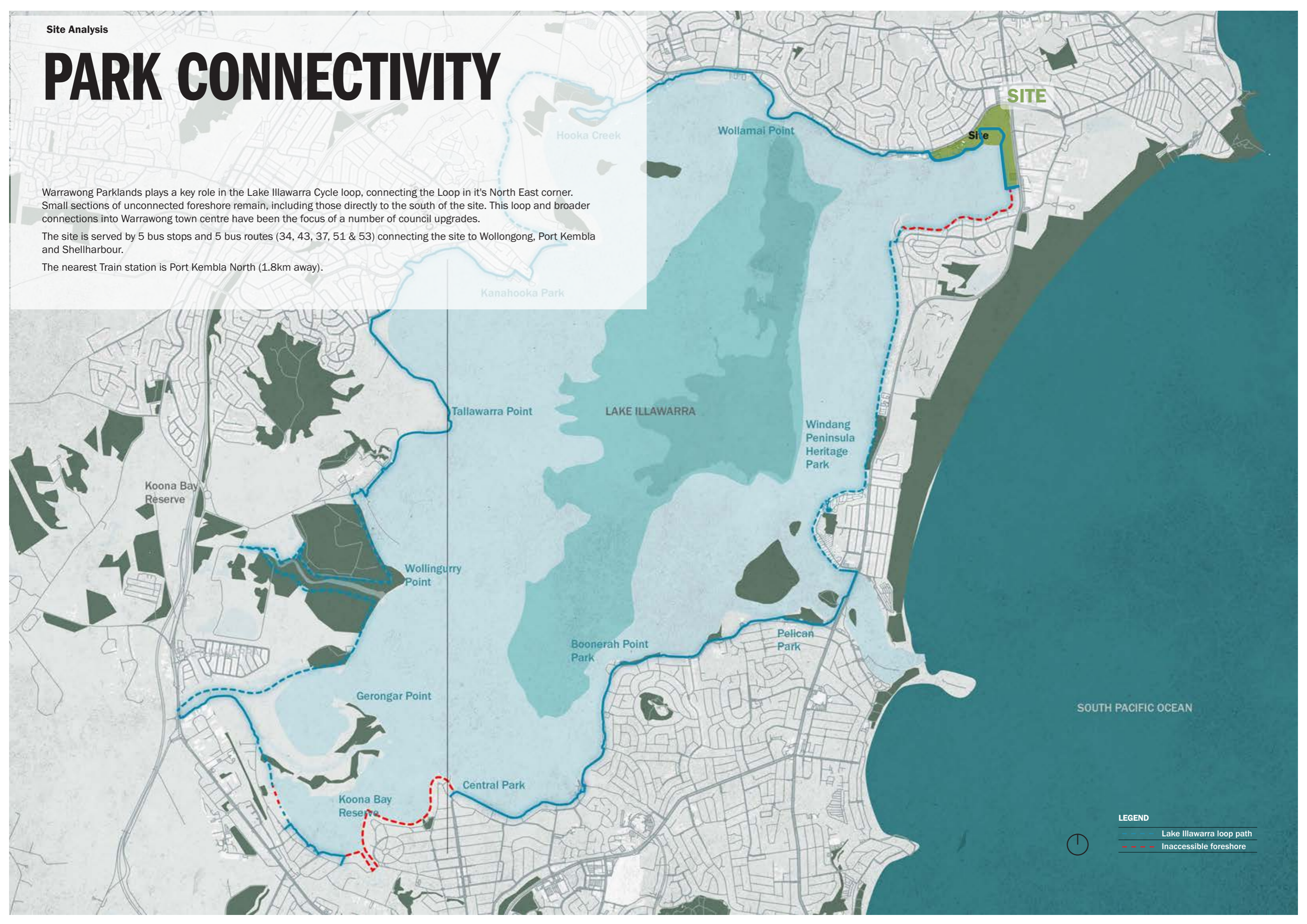
Port Kembla Beach

# PARK CONNECTIVITY

Warrawong Parklands plays a key role in the Lake Illawarra Cycle loop, connecting the Loop in its North East corner. Small sections of unconnected foreshore remain, including those directly to the south of the site. This loop and broader connections into Warrawong town centre have been the focus of a number of council upgrades.

The site is served by 5 bus stops and 5 bus routes (34, 43, 37, 51 & 53) connecting the site to Wollongong, Port Kembla and Shellharbour.

The nearest Train station is Port Kembla North (1.8km away).



**LEGEND**  
— Lake Illawarra loop path  
- - - Inaccessible foreshore



# POLICY CONTEXT

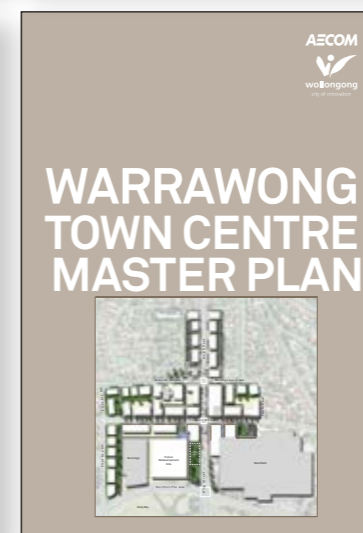
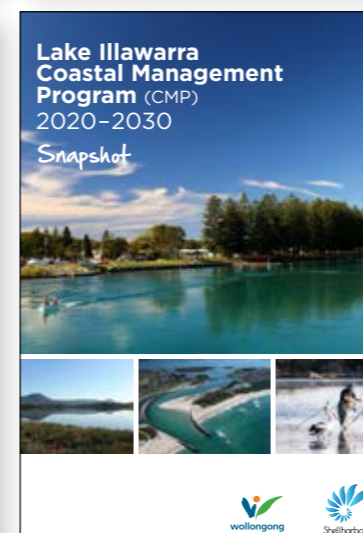
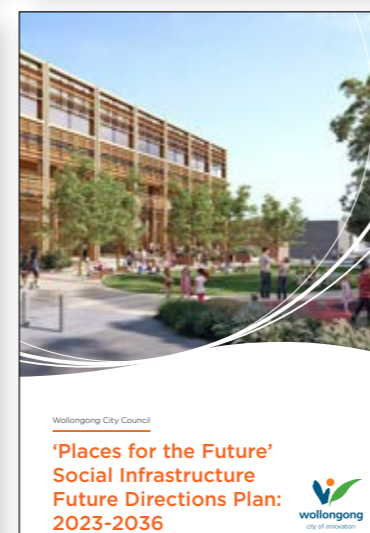
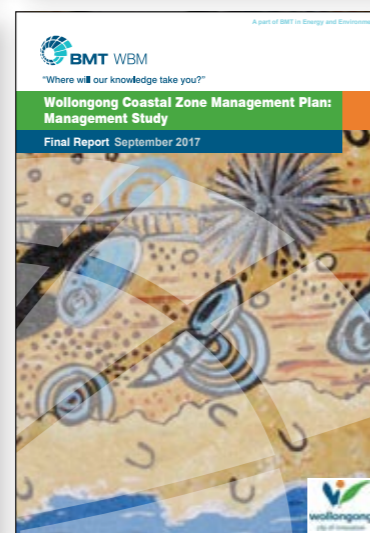
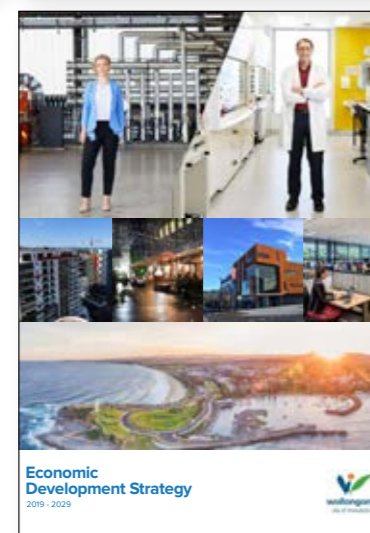
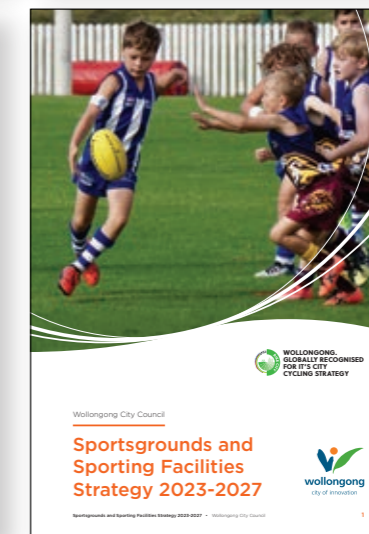
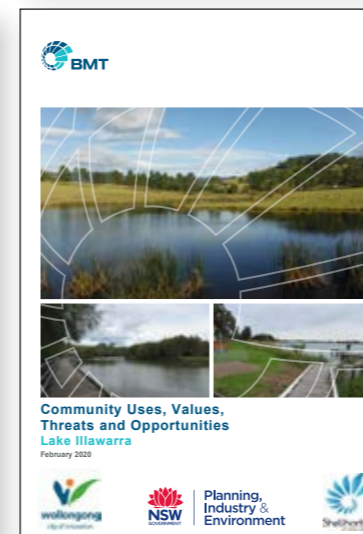
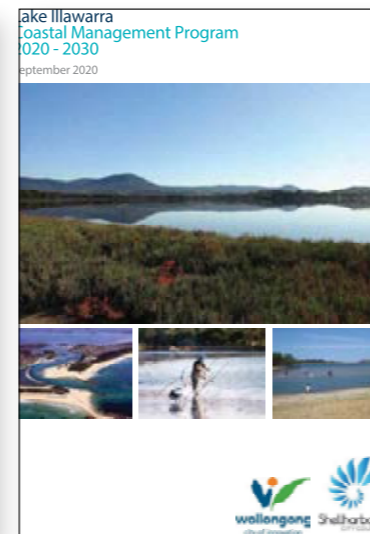
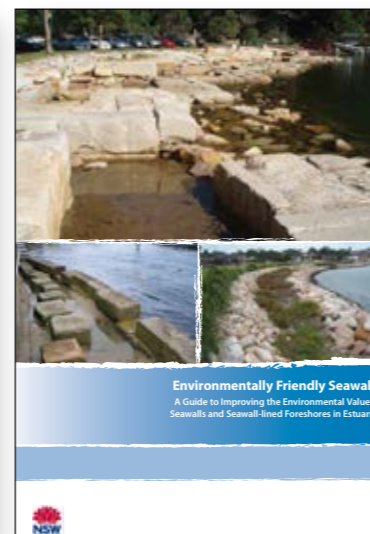
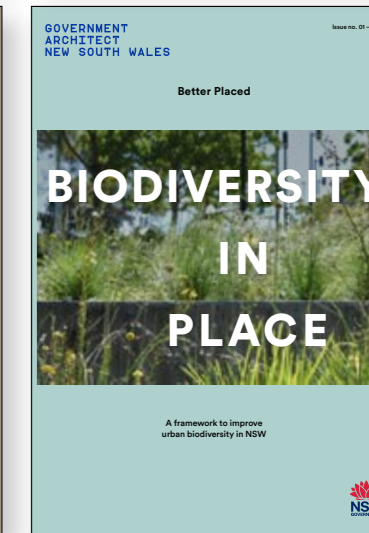
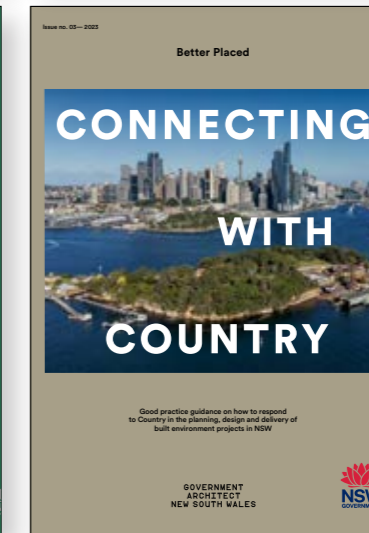
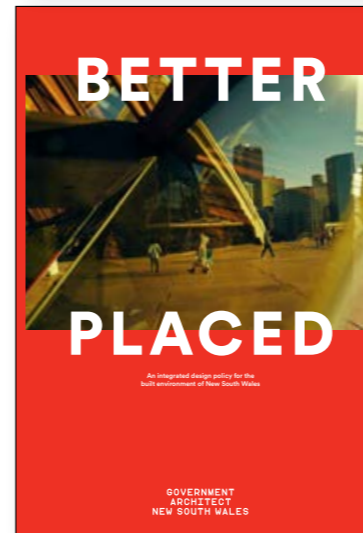
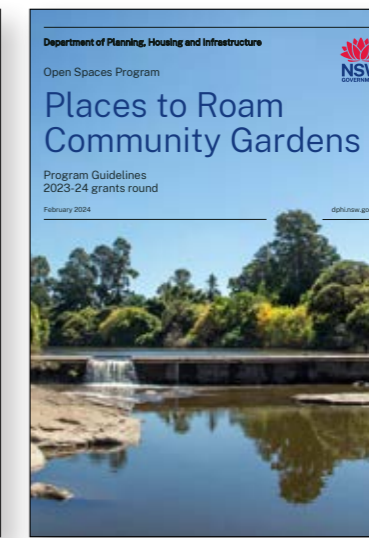
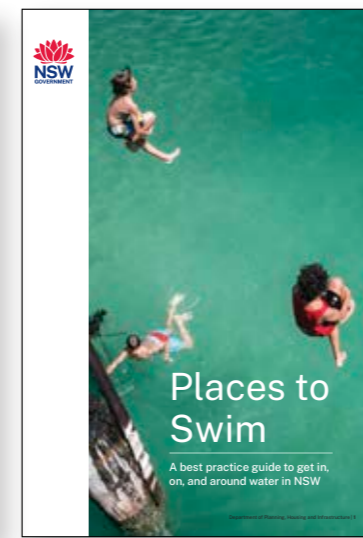
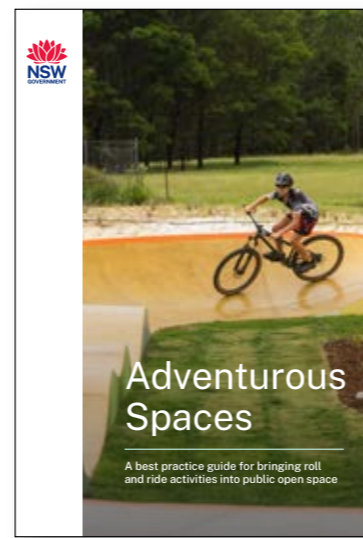
The policy context for the proposed masterplan is informed by a number of strategic documents and policies, published by a number of sources including the NSW State Government, NSW Government Architect, Wollongong council and more.

Collectively, these documents provide a framework for a parkland that is ecologically restorative, climate resilient, and grounded in cultural understanding and community values.

## Policies

- Adventurous spaces, NSW Government
- Places to Swim, NSW Government
- Places to Road Community Gardens, NSW Government
- Illawarra Shoalhaven Climate change snapshot, NARCIim
- Better placed, Government Architect NSW
- Greener Places, Government Architect NSW
- Connecting with Country guidelines, Government Architect NSW
- Biodiversity in place, Government Architect NSW
- Everyone can play, NSW Government
- Shoalhaven and Illawarra Enabling Regional Adaptation, AdaptNSW
- Environmentally friendly seawalls, NSW Office of Environment and Heritage
- Lake Illawarra Coastal Management Program 2020-2039, Wollongong City Council & Shellharbour Council
- Community uses, Values, Threats and Opportunities - Lake Illawarra,

- Wollongong City Council, NSW Government & Shellharbour Council
- Economic Development Strategy, Wollongong City Council
- Sportsgrounds and Sporting Facilities Strategy 2023-2027, Wollongong City Council
- Urban Greening Strategy 2017-2037, Wollongong City Council
- Economic Development Strategy, Wollongong City Council
- Coastal Zone Management Plan Management Study, Wollongong City Council
- Places For Future Social Infrastructure Future Ddirections Plan 2023-2036, Wollongong City Council
- Lake Illawarra Coastal Management Program 2020-2030, Wollongong City Council & Shellharbour Council
- Warrawong Town centre Masterplan, Wollongong City Council
- Play Wollongong: Current Situation, Wollongong City Council
- Play Wollongong: Background Research, Wollongong City Council



# PRE-CLEARING VEGETATION

Warrawong Parklands is largely on reclaimed land, meaning there are minimal pre-clearing vegetation communities which occurred on site.

Small stands of Estuarine Swamp Oak-Mangrove Forest and Illawarra Blackbutt Moist Forest occurred to the west of the site whilst the edges to the East were fringed by South Coast Sands Bangalay Forest. Estuarine Swamp Oak Twig-rush Forest bordered the site to the south.

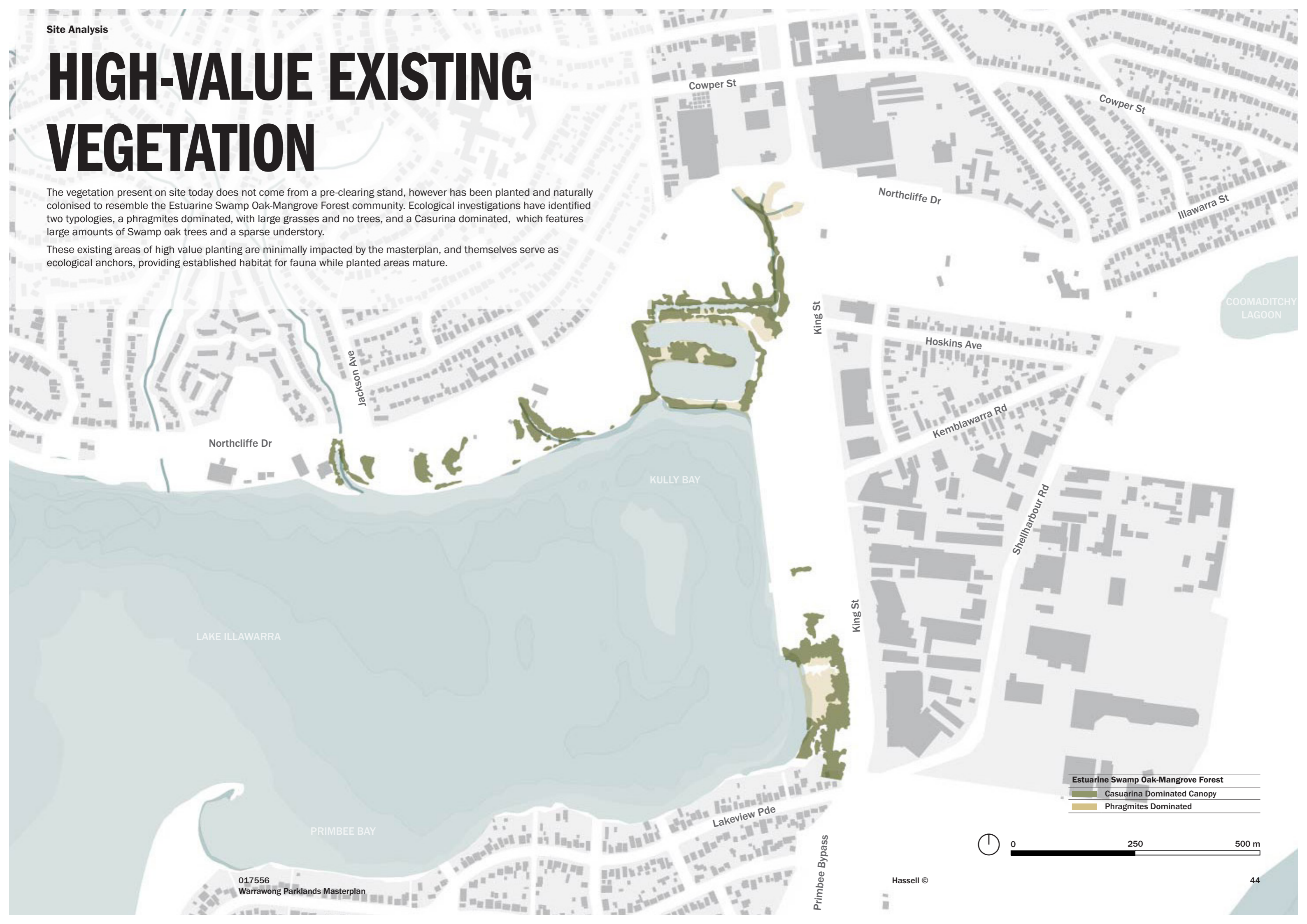
These vegetation communities create a list of vegetation that is true of place, has proof of growth in the conditions and offer a connection back to Country. They will largely inform the planting that will be realised around the masterplan.



# HIGH-VALUE EXISTING VEGETATION

The vegetation present on site today does not come from a pre-clearing stand, however has been planted and naturally colonised to resemble the Estuarine Swamp Oak-Mangrove Forest community. Ecological investigations have identified two typologies, a phragmites dominated, with large grasses and no trees, and a Casuarina dominated, which features large amounts of Swamp oak trees and a sparse understory.

These existing areas of high value planting are minimally impacted by the masterplan, and themselves serve as ecological anchors, providing established habitat for fauna while planted areas mature.



LAKE ILLAWARRA

KULLY BAY

PRIMBEE BAY

# LAKE ILLAWARRA'S MIGRATORY SHOREBIRDS

Warrawong Parklands is home to many migratory shorebirds. This including the bar tailed godwit who are world record holders for the longest non-stop flight, traveling 13,500km in 11 days, from Alaska to Tasmania and use the mudflats and wetlands of Warrawong Parklands as a place to rest and feed.

The masterplan provides as much area for this habitat as possible. It maintains a minimal impact to the existing wetland systems and extends the area of viable habitat through the naturalisation of the seawalls. Planting that occurs will also increase appealing habitat to these migratory shorebirds.



**Red Knot**  
*Calidris canutus*

breeding range

breeding range



**Bar-tailed Godwit**  
*Limosa lapponica baueri*

IUCN Red List - Near Threatened  
Australian EPBC Act - Vulnerable

World record holders for the longest non-stop flight

**13,500km**  
**11 days**

from Alaska to Tasmania



**Black-tailed Godwit**  
*Limosa limosa*



# ESTUARINE SWAMP OAK-MANGROVE FOREST

Identified as the high-value existing vegetation on site by ecological investigations, Estuarine Swamp Oak-Mangrove Forest is defined by its tall forest at the fringes of estuaries and coastal saline lakes.

It supports many of the conditions local fauna use as habitat and contains many of the endemic plant species that will be planted through the parklands.



A low to very tall, sparse to dense forest, commonly with a saltmarsh ground layer, which occurs at the fringes of estuaries and coastal saline lakes, and on tidal creeks, between Forster and Tuross River.

## *Casuarina glauca* Swamp She-oak



*Casuarina glauca* grows in or near brackish water along the banks of rivers and estuaries.

The dense, hard timber of casuarina trees was used by Indigenous Australians to construct shields, clubs and boomerangs. In colonial times, its timber was used for roof shingles, fencing, handles and bullock yokes and as firewood.

Casuarinas are often planted as windbreaks, in saline soils or along waterways to assist with bank stabilisation, reducing erosion and sedimentation.

**Australia - QLD, NSW**

## *Juncus kraussii* Salt Marsh Rush



*Juncus kraussii* is a perennial tussock grass, used as a popular material in Indigenous Australian and South African communities due to its strength, versatility and flexibility. Using the stems and leaves as fibre, this plant is used to create string, fishing lines and to weave traditional items such as rugs, baskets, and beer strainers. In various Zulu regions of South Africa, some woven items such as sleeping mats (*amacansi*) are used in traditional weddings as customary gifts that the bride gives to the groom's family in a traditional Zulu wedding. The gifts are collectively known as 'umabo', and *J. kraussii* has the highest status of all the materials used for making *amacansi*.

**S. Africa to Mozambique, Australasia (all states), Brazil to S. South America**

## *Salicornia quinqueflora* Glasswort



Glasswort is a salt-tolerant succulent that grows along coastlines, salt marshes, sand beaches and rocky areas. The fresh, young, upper parts of the glasswort stems can be eaten raw on its own or used in salads, as a garnish or to add additional flavour due to its naturally salt content. The plant's high source of Vitamin C, Vitamin A and B-complex vitamins has also been described as helping flatulence and digestion.

The native Australian Orange-bellied Parrot (*Neophema chrysogaster*) feeds primarily on the seeds of *Salicornia quinqueflora* as its main food source. This parrot is critically endangered, with only approximately 180 individuals left in the wild.

**Chatham Is., Norfolk Is., Australia - QLD, NSW, VIC, TAS, SA, WA**

## *Tetragonia tetragonioides* Warrigal Greens



Warrigal Greens ('warrigal' in indigenous Dharug language, meaning 'wild') have been cultivated as a leafy vegetable since early European colonisation in Australia and in traditional Māori cooking in New Zealand.

Originating in coastal areas and inland salt marshes, the use of Warrigal Greens as a leaf vegetable was rarely used by Indigenous Australians and instead first documented by Captain Cook. To assist in treating scurvy, the plant was picked, cooked, and pickled, and taken with the crew of the Endeavour. Its distribution spread when explorer and botanist Joseph Banks took seeds back to Kew Gardens during the latter half of the 18th century.

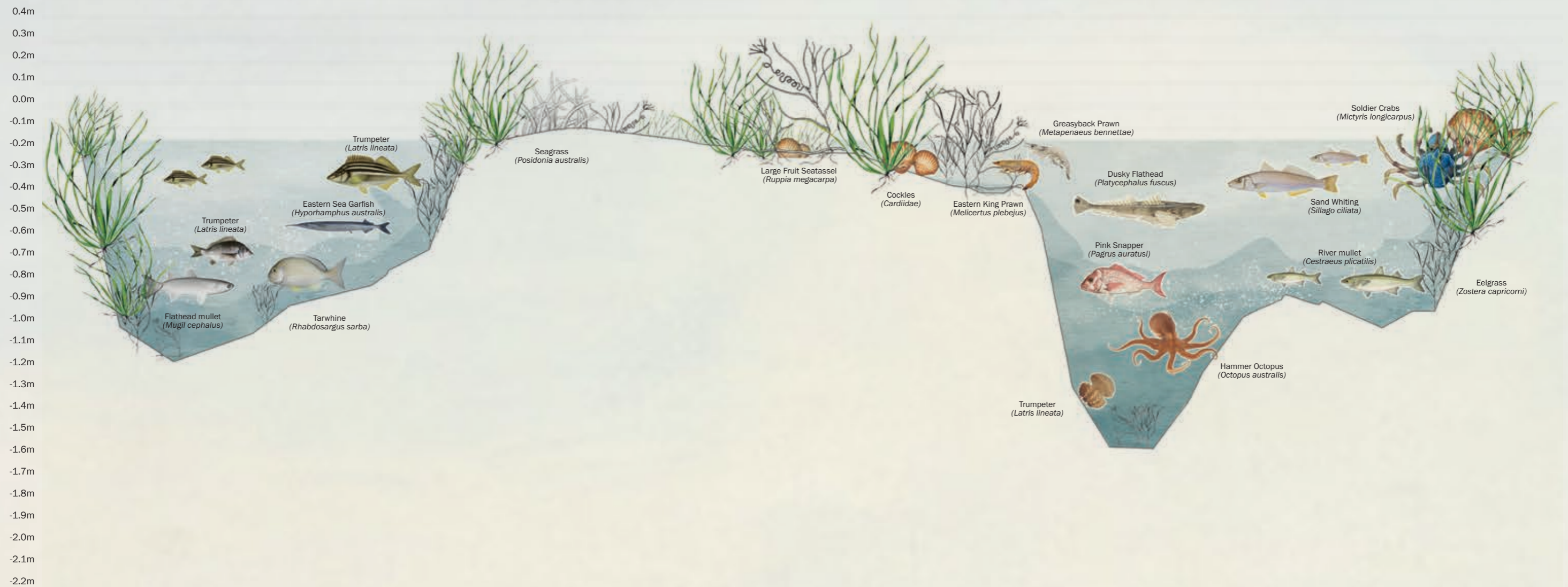
**Eastern Asia, New Zealand, Australia (all states)**

# MARINE LIFE

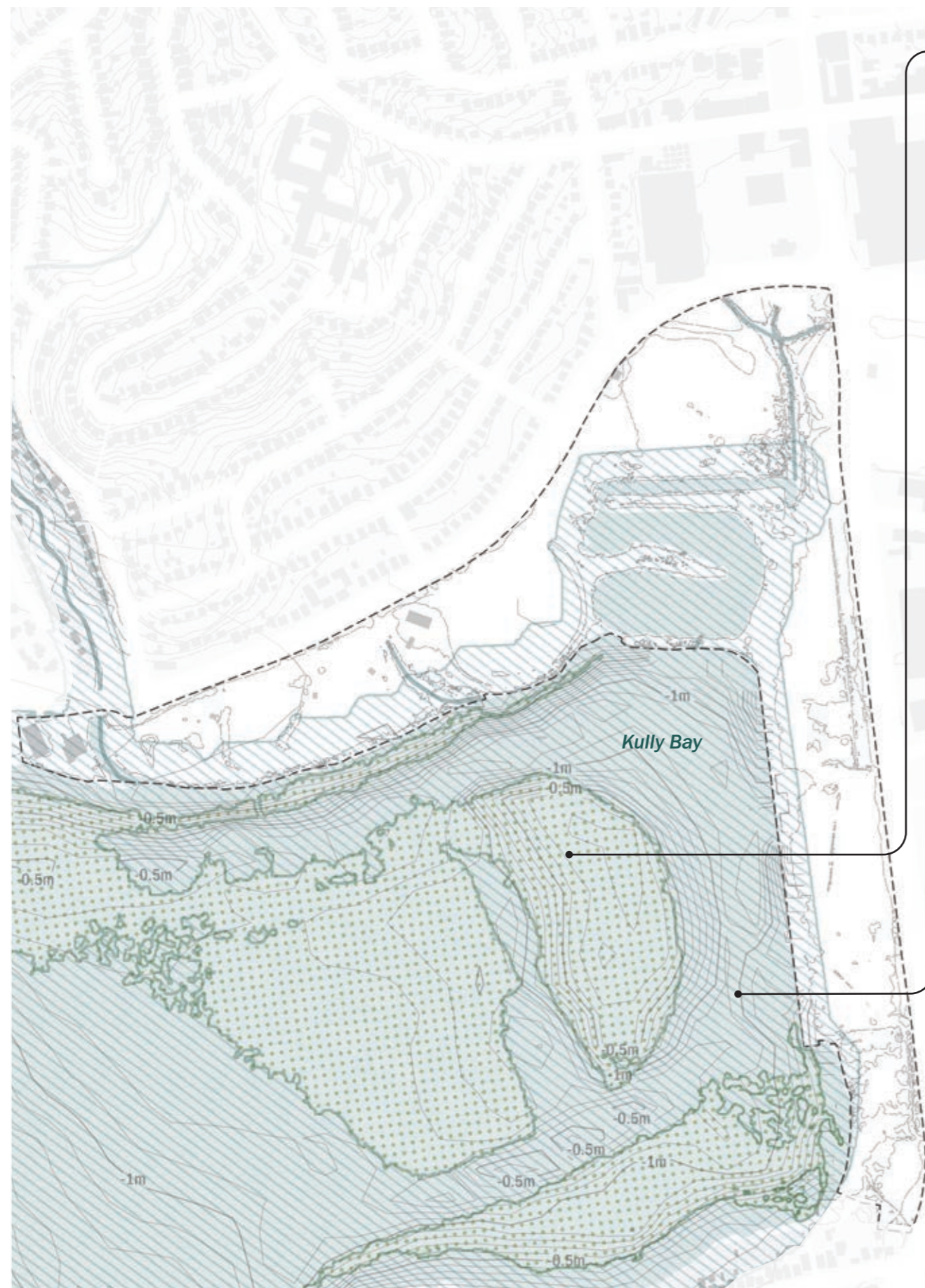
Warrawong Parklands borders Lake Illawarra, which is home to a wide variety of marine life, including aquatic flora and fauna.

The lake has a significant yet diminishing sea-grass population, comprising mostly of Eelgrass. It also supports valuable ecological concentrations of Cockles, Yellowfin Bream and Dusky Flathead.

Although not directly designing within the Lake, all design considerations of the masterplan extend beyond the boundaries. This focus on having not just a neutral, but positive impact on the lake manifests in; limiting storm water runoff, creating wetland water filtration systems, naturalising the seawall and increasing community engagement and care for the lake.



Exaggerated section



### FLORA IN KULLY BAY



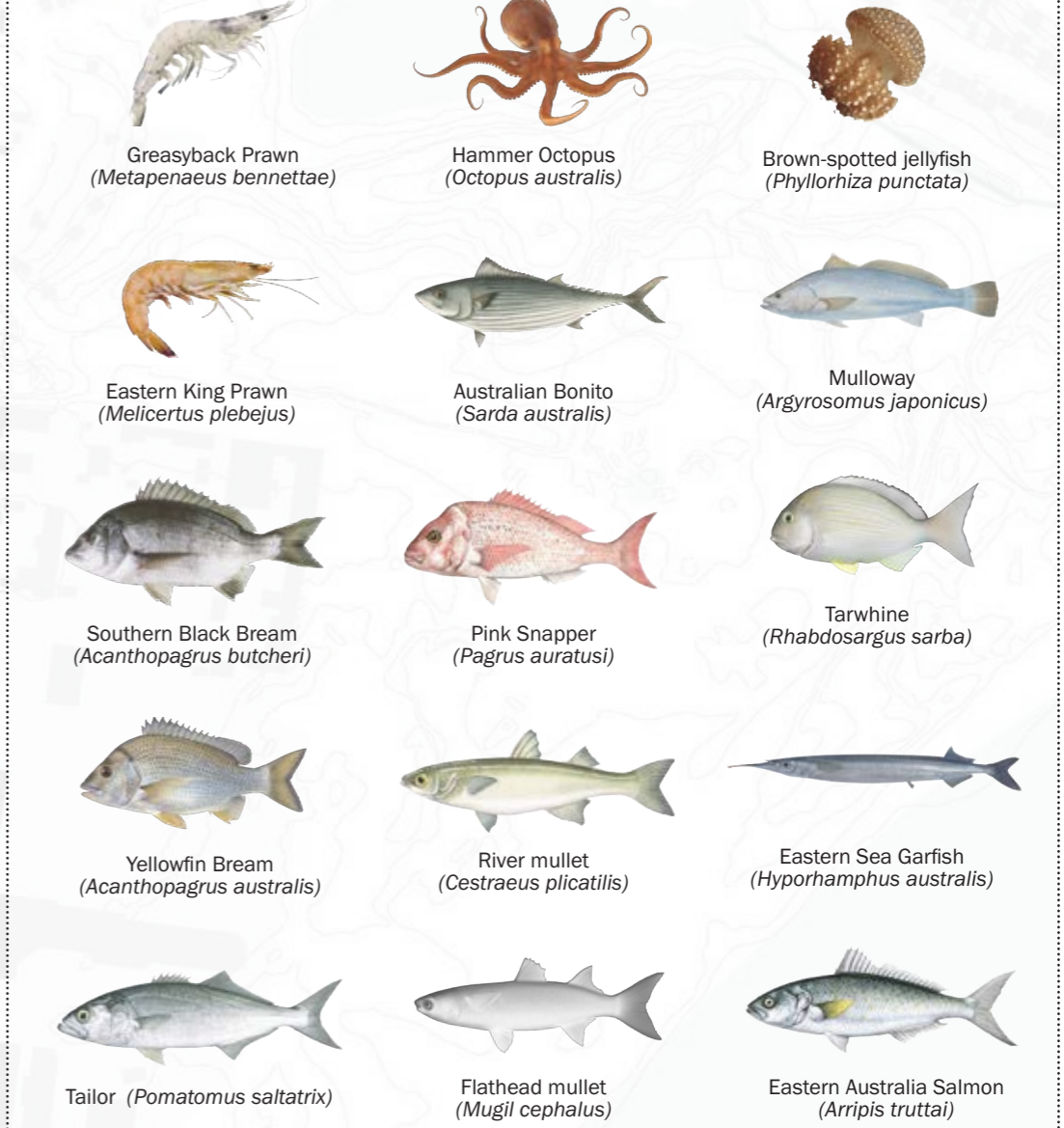
### FAUNA IN KULLY BAY

#### Shallow Water (0 to-6m)

(Sandy, Muddy Sand Substrates, Seagrass Beds)



#### Shallow Water Estuaries & Open Ocean (0 to-200m)

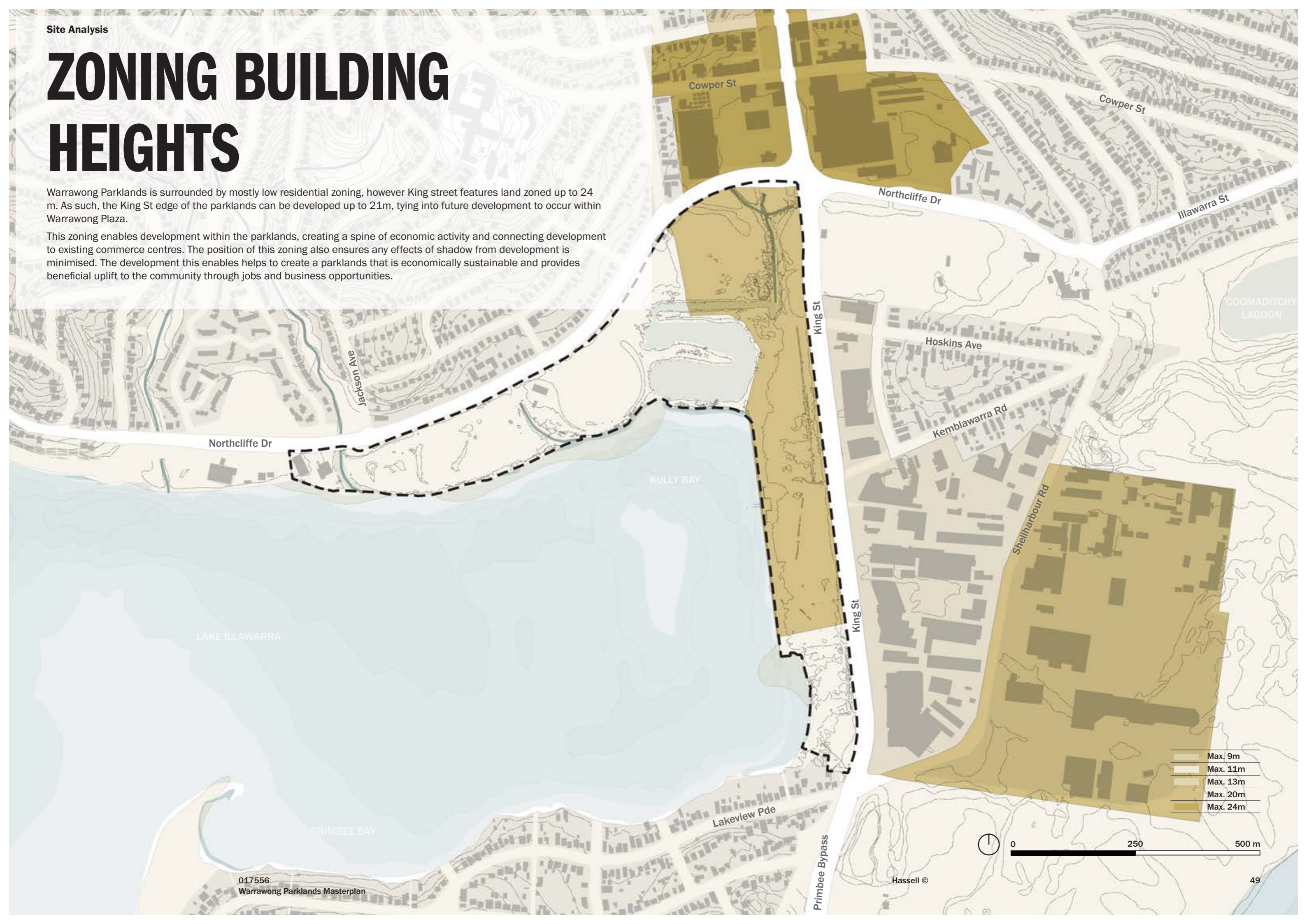


Fauna Habitat Flora Habitat

# ZONING BUILDING HEIGHTS

Warramong Parklands is surrounded by mostly low residential zoning, however King street features land zoned up to 24 m. As such, the King St edge of the parklands can be developed up to 21m, tying into future development to occur within Warramong Plaza.

This zoning enables development within the parklands, creating a spine of economic activity and connecting development to existing commerce centres. The position of this zoning also ensures any effects of shadow from development is minimised. The development this enables helps to create a parklands that is economically sustainable and provides beneficial uplift to the community through jobs and business opportunities.



- Max. 9m
- Max. 11m
- Max. 13m
- Max. 20m
- Max. 24m

# VIEWS AND ADJACENT USES

Warrawong Parklands offers commanding views west across the water of Lake Illawarra and landing on the resplendent escarpment behind. This connects the parklands to the high escarpment that is iconic to Wollongong as well as being culturally significant to the traditional owners of the area. There are also key views into the parklands from adjacent streets.

Parkland structure has been designed to be sympathetic and respectful of these views, creating places to highlight and celebrate the views. Glimpses into the parklands are also maintained and protected, allowing for passive surveillance.

## VIEWS FROM STREET TO PARK

LAKE ILLAWARRA

KULLY BAY

PRIMBEE BAY

COOMADITCHY LAGOON

VIEW TYPE	
1.	Views from streets into park
2.	Views from park across water to park
3.	Views from park to the escarpment
4.	Bulk goods retail (Single story up to 15m)

BUILDING USAGE	
	Retail Centre (Single story up to 20m)
	Finer grain street front retail (1-2 storey)
	Standalone fast food outlets (1 storey)
	Bulk goods retail (Single story up to 15m)
	Community use (1-3 storey)
	Detached residential (1-2 storey)
	Social Club (1-2 storey)
	High visibility edge

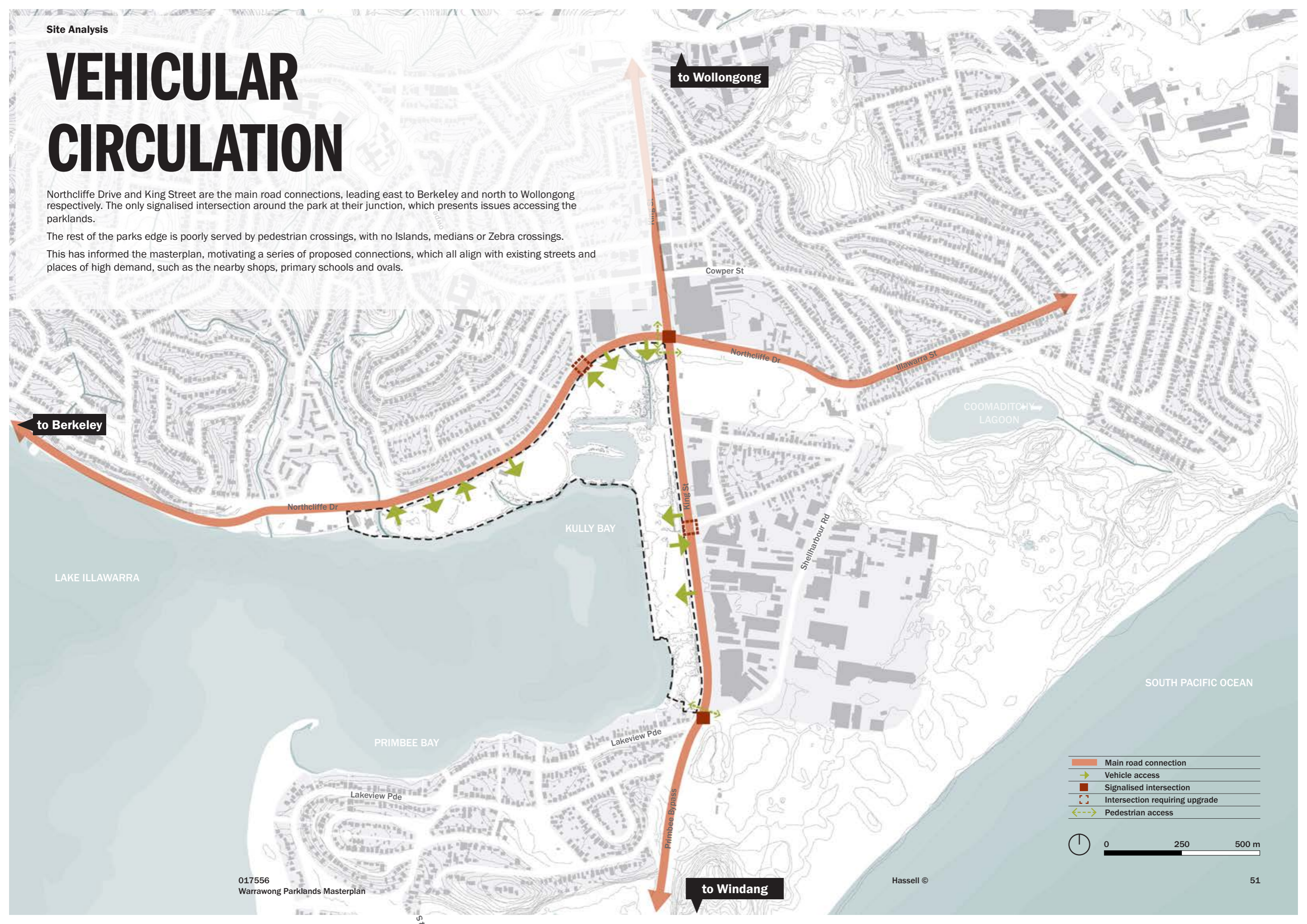


# VEHICULAR CIRCULATION

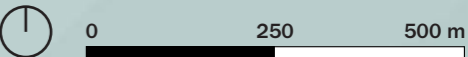
Northcliffe Drive and King Street are the main road connections, leading east to Berkeley and north to Wollongong respectively. The only signalised intersection around the park at their junction, which presents issues accessing the parklands.

The rest of the parks edge is poorly served by pedestrian crossings, with no Islands, medians or Zebra crossings.

This has informed the masterplan, motivating a series of proposed connections, which all align with existing streets and places of high demand, such as the nearby shops, primary schools and ovals.



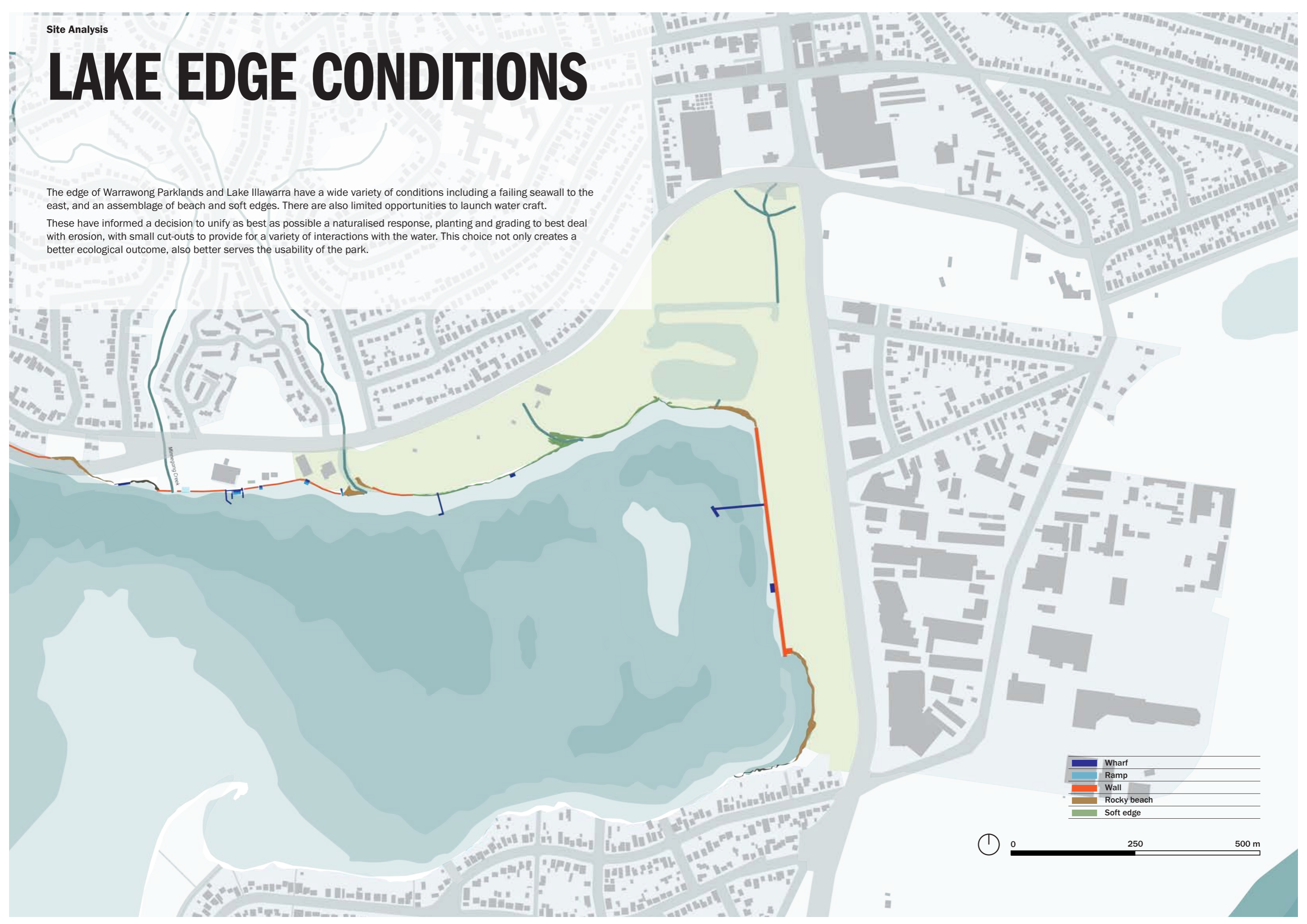
- Main road connection
- Vehicle access
- Signalised intersection
- Intersection requiring upgrade
- ↔ Pedestrian access



# LAKE EDGE CONDITIONS

The edge of Warrawong Parklands and Lake Illawarra have a wide variety of conditions including a failing seawall to the east, and an assemblage of beach and soft edges. There are also limited opportunities to launch water craft.

These have informed a decision to unify as best as possible a naturalised response, planting and grading to best deal with erosion, with small cut-outs to provide for a variety of interactions with the water. This choice not only creates a better ecological outcome, also better serves the usability of the park.



- Wharf
- Ramp
- Wall
- Rocky beach
- Soft edge

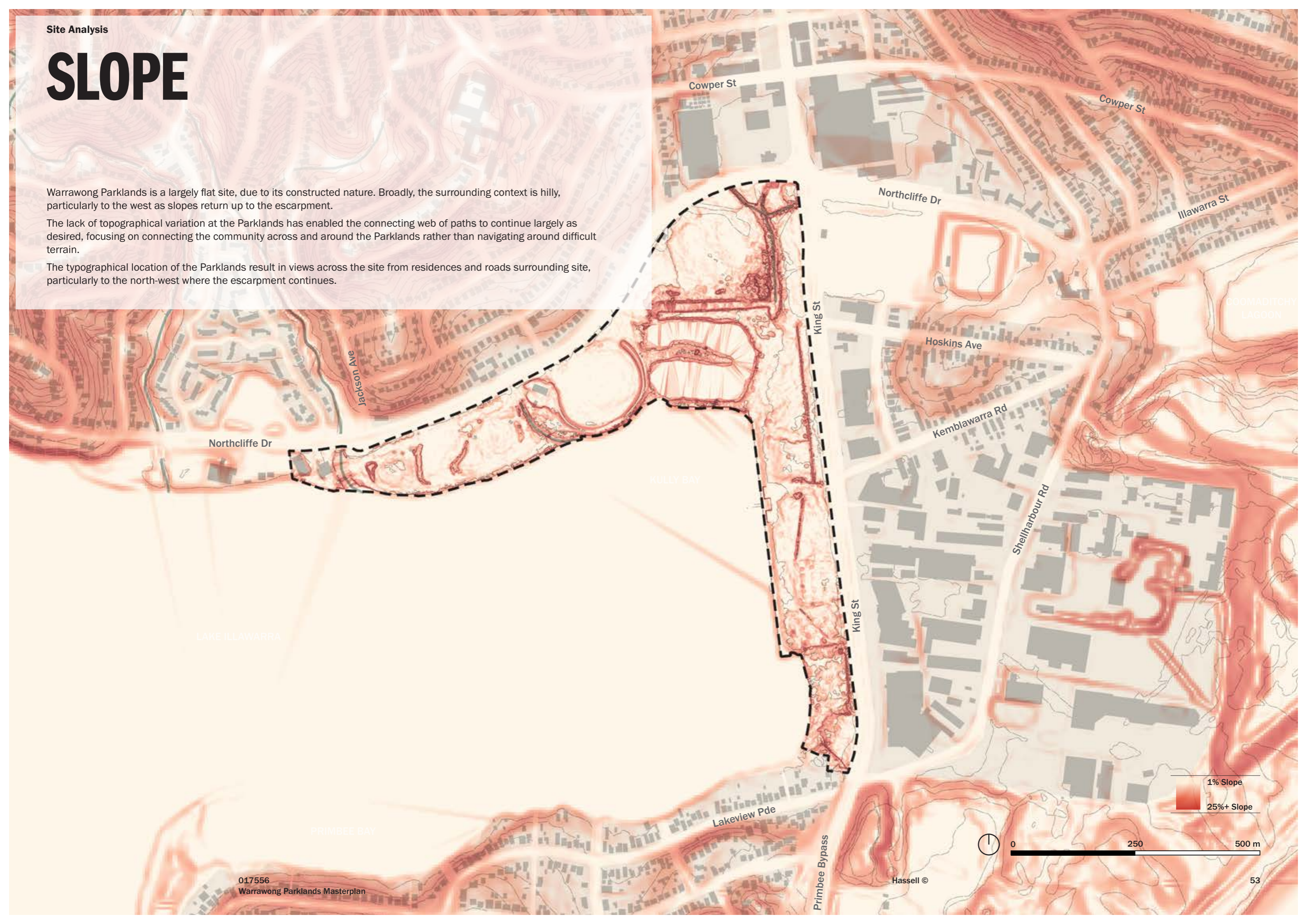


# SLOPE

Warrawong Parklands is a largely flat site, due to its constructed nature. Broadly, the surrounding context is hilly, particularly to the west as slopes return up to the escarpment.

The lack of topographical variation at the Parklands has enabled the connecting web of paths to continue largely as desired, focusing on connecting the community across and around the Parklands rather than navigating around difficult terrain.

The topographical location of the Parklands result in views across the site from residences and roads surrounding site, particularly to the north-west where the escarpment continues.



LAKE ILLAWARRA

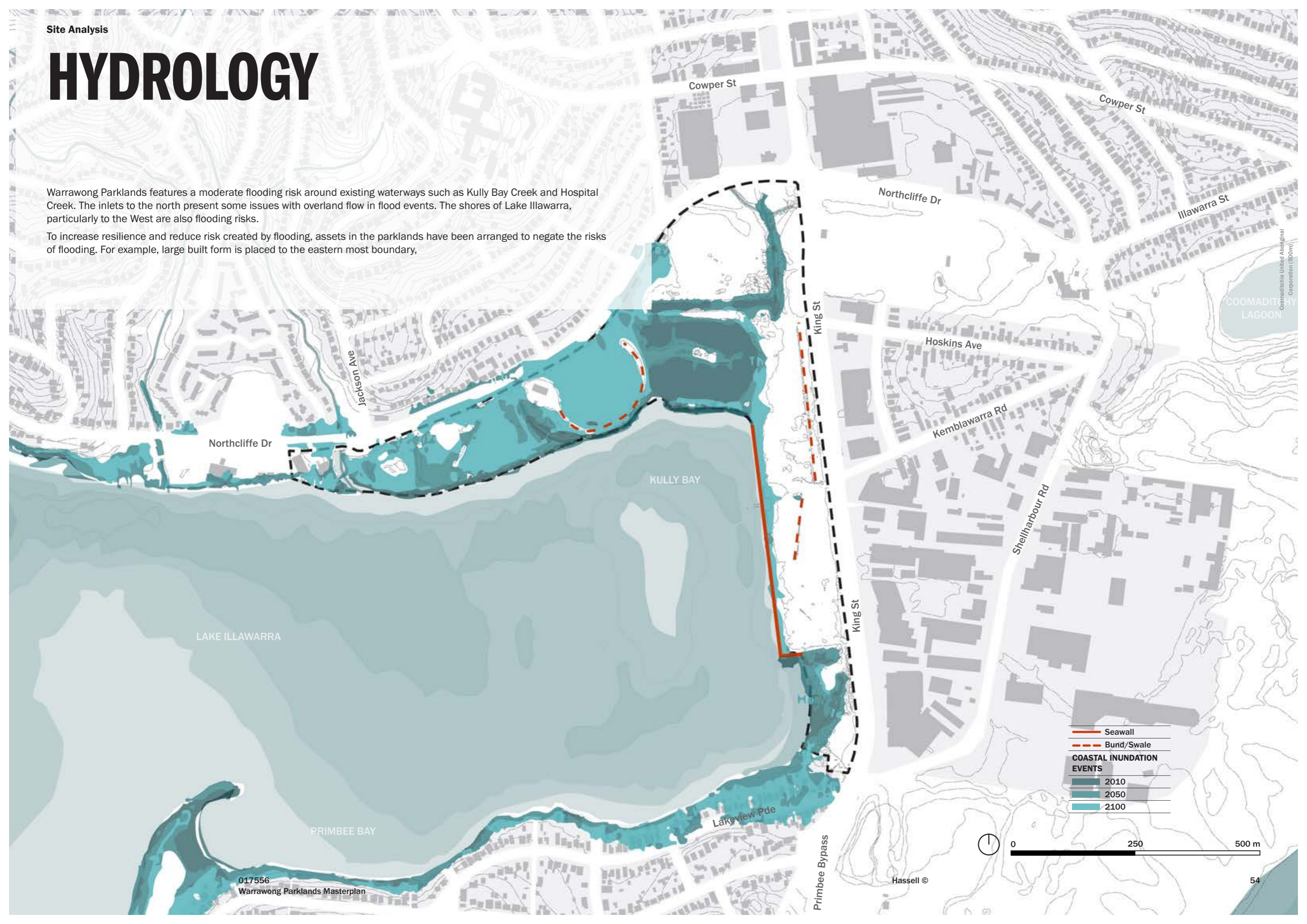
KULLY BAY

PRIMBEE BAY

# HYDROLOGY

Warrawong Parklands features a moderate flooding risk around existing waterways such as Kully Bay Creek and Hospital Creek. The inlets to the north present some issues with overland flow in flood events. The shores of Lake Illawarra, particularly to the West are also flooding risks.

To increase resilience and reduce risk created by flooding, assets in the parklands have been arranged to negate the risks of flooding. For example, large built form is placed to the eastern most boundary,



LAKE ILLAWARRA

KULLY BAY

PRIMBEE BAY

An aerial photograph of a coastline. The foreground shows a dark, forested area with a prominent, light-colored sea wall or dike running parallel to the shore. The middle ground is a wide, shallow body of water with a textured, rippled surface. The background shows a hazy, distant coastline. The text "ENABLING WORKS - SEAWALL" is overlaid in the center in a bold, white, sans-serif font.

**ENABLING WORKS -  
SEAWALL**

# CURRENT CONDITION

Built in the early 1990s during the land reclamation works for the Parklands, the existing timber sea wall and walkway have deteriorated beyond safe use. This is due to years of wave action and borer infestation which have compromised the timber's structural integrity, triggering a partial collapse and damaging the adjacent concrete slab and board walk.

The area has been classified as high risk and structurally unsound. As a precaution, public access has been restricted, and fencing installed.



# PROPOSAL

The proposed works acts as a demonstration project for the rest of the park, displaying an ecologically sensitive, resilient and effective alternative to the seawall, which focuses on increasing biodiversity, having a positive impact on the Lake and connecting people to the water.

Recycled material from the old sea wall is used as much as possible. This includes the reuse or re-purpose of the bricks, the reuse of the concrete beams and the re-purposing of the timber pylons.

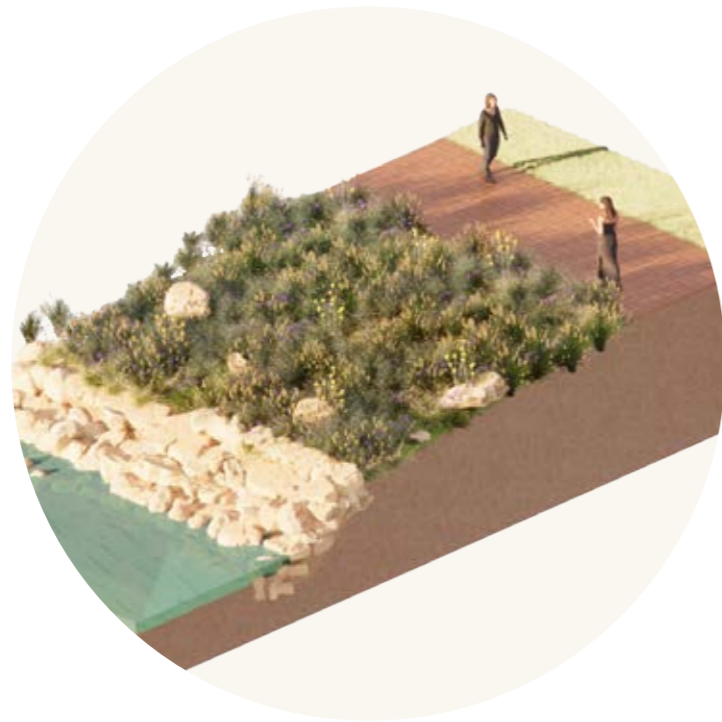


**LEGEND**

Existing	Proposed
1. Paths	7. Paths
2. Swales	8. Embankment planting
3. Retention basin	9. Saltmarsh bench planting
4. Wetland ecological zone	10. Reused bleachers
5. Jetty	11. Rip rap
6. Car park	12. Reused pylons



# DESIGN TYPOLOGIES



**Planted edge**



**Benched edge**



**Bleacher edge**

# PLANTED EDGE



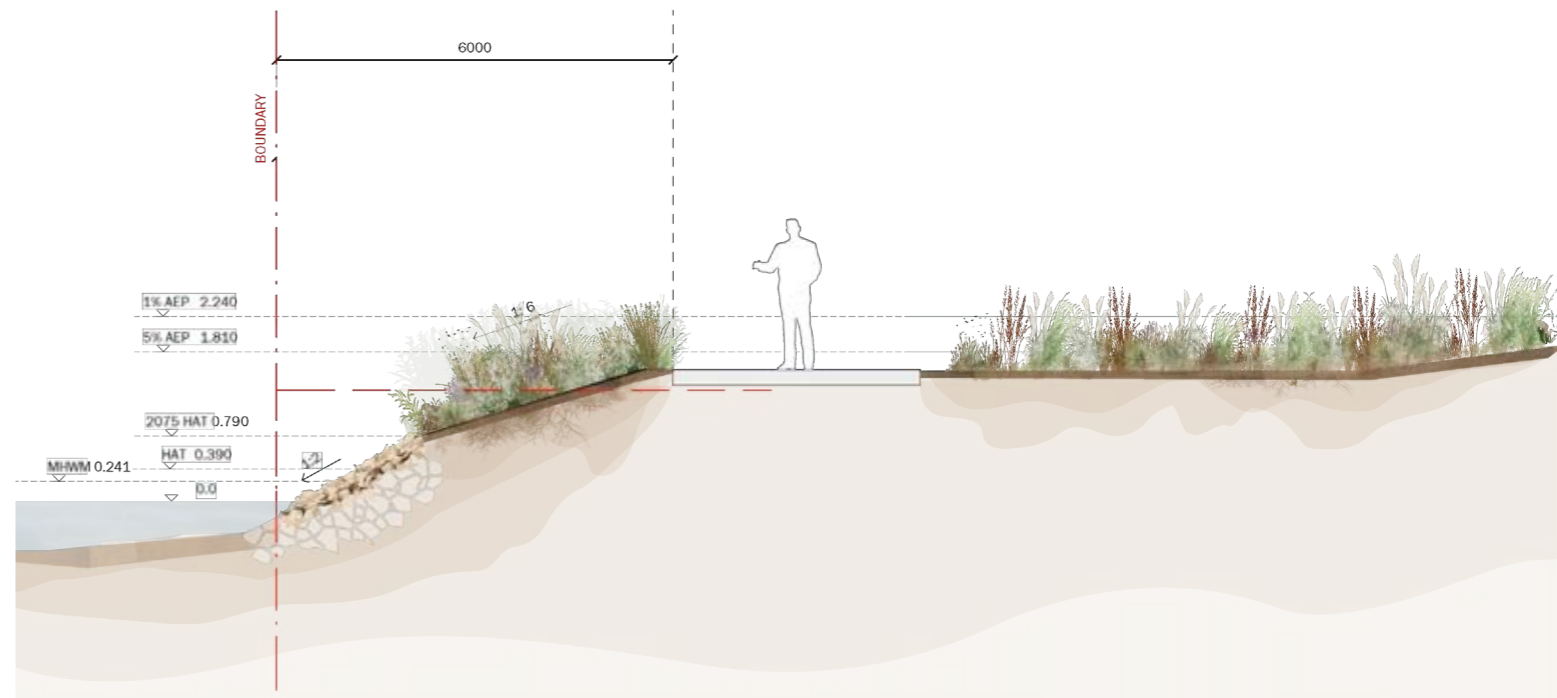
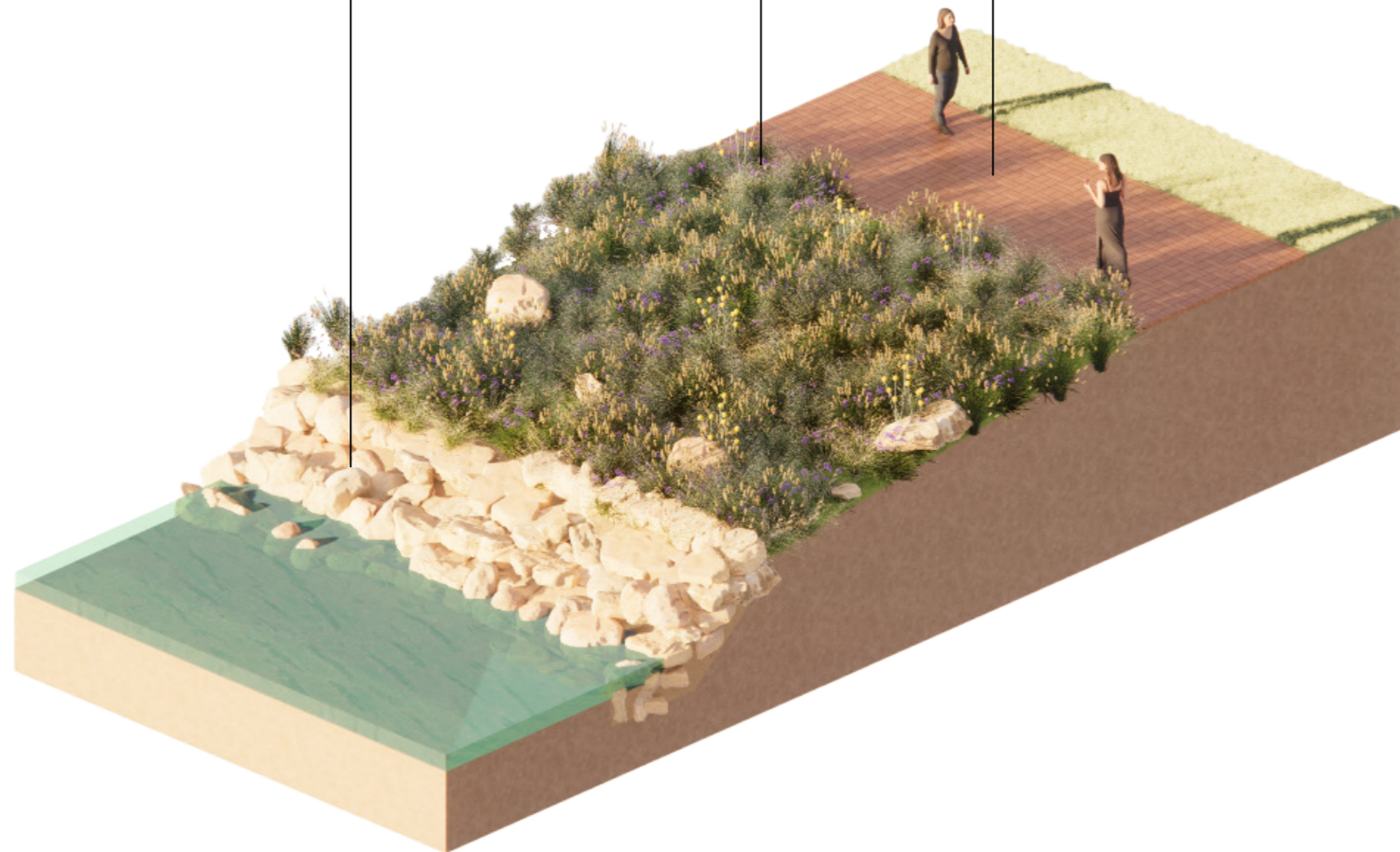
### Riprap

Rock armour placed to protect shoreline from scour and wave erosion

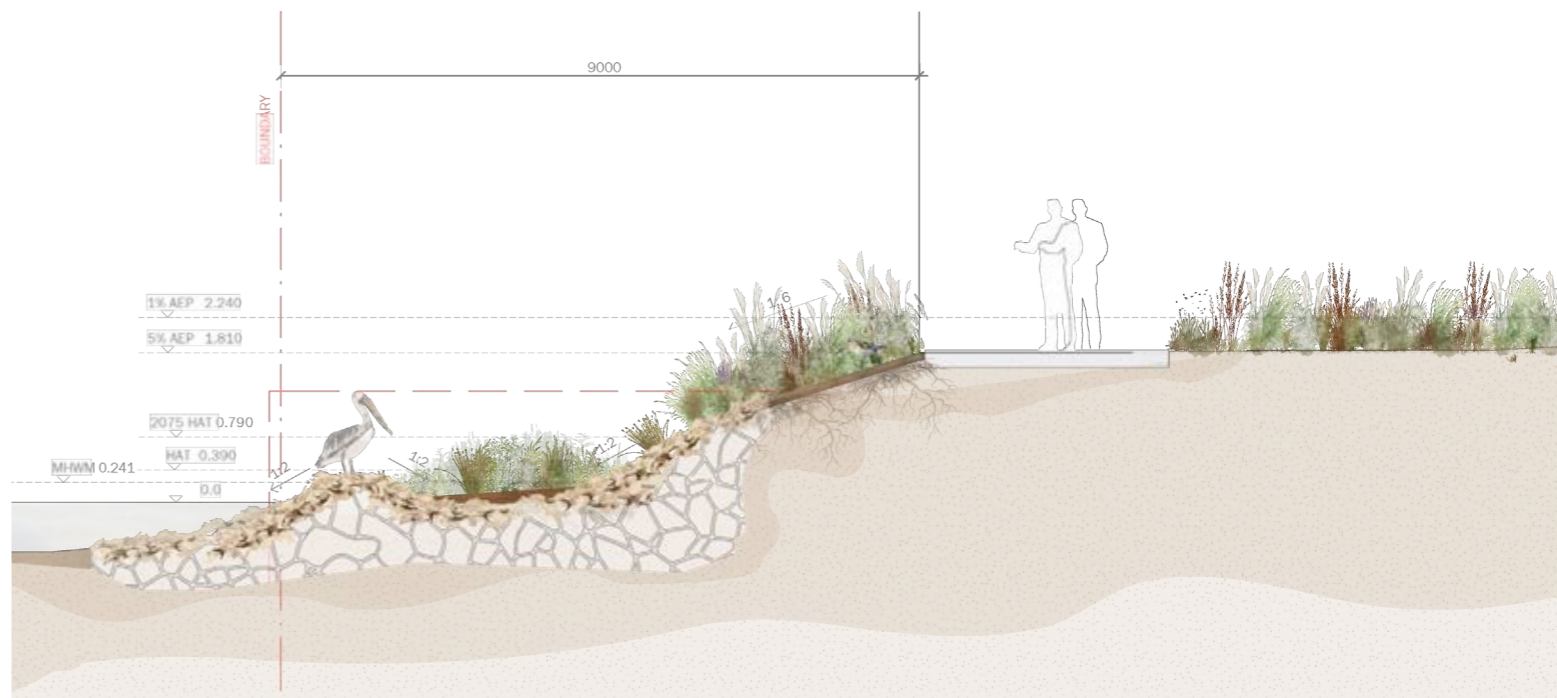
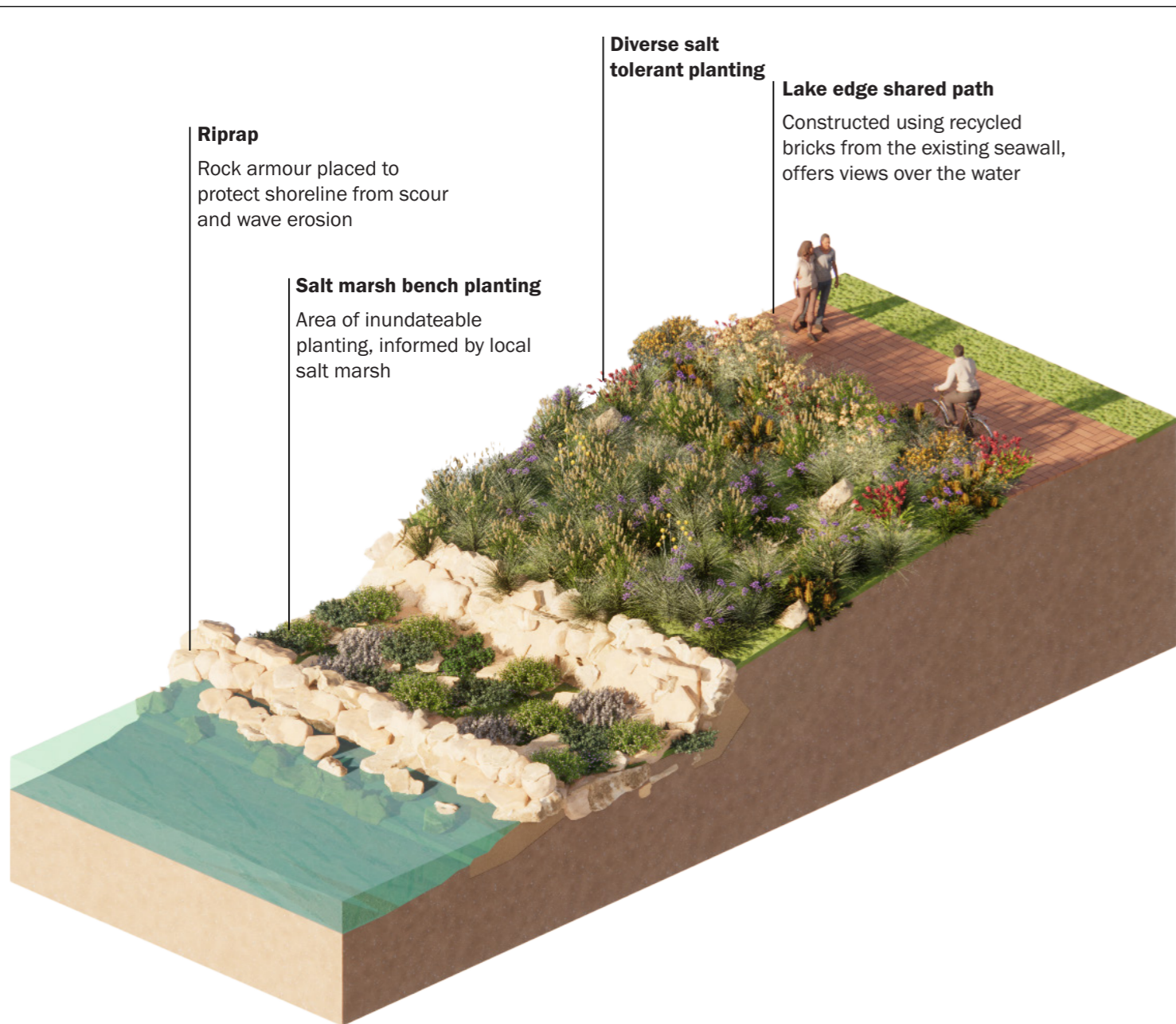
### Diverse salt tolerant planting

### Lake edge shared path

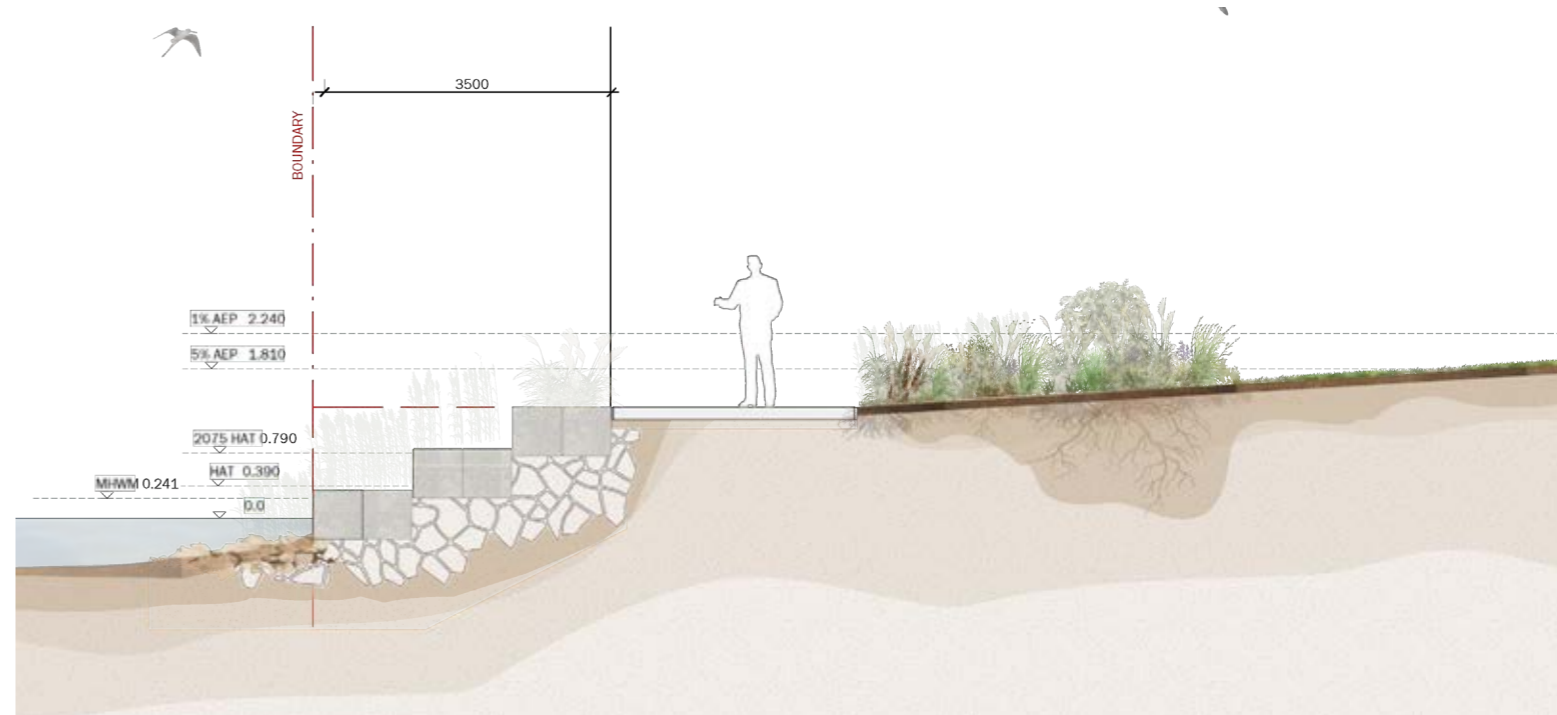
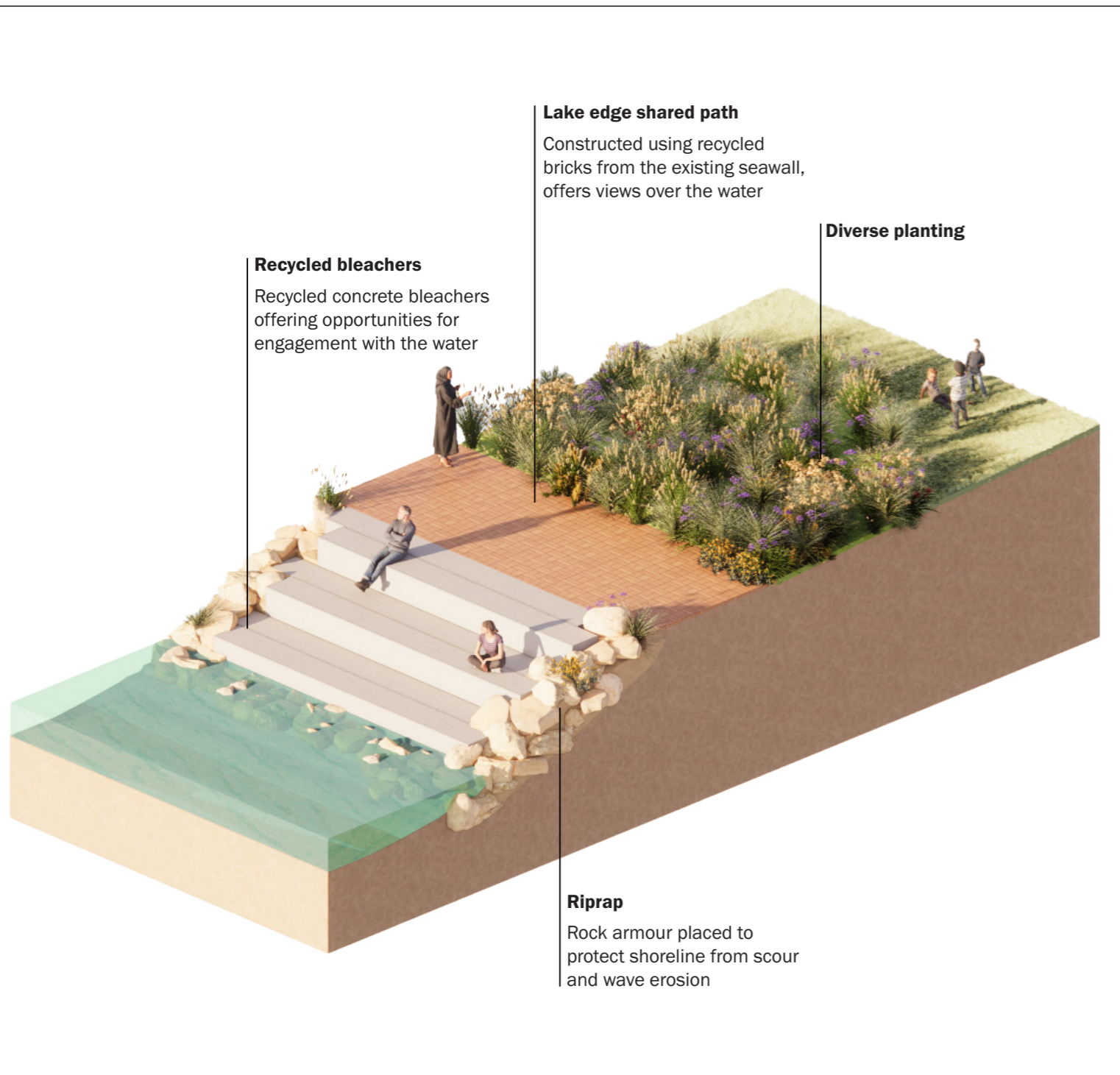
Constructed using recycled bricks from the existing seawall, offers views over the water



# BENCHED EDGE



# BLEACHER EDGE



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