



CURRUMBIN ECO-PARKLAND

WORKSHOP MARCH 23, 2022



The Brief

The Currumbin Eco Parkland project comprises 148 hectares of land within the Currumbin Valley. Concept planning for the parkland has commenced and once completed will include:

- Sporting and recreational elements for family and community enjoyment;
- Protections for local koala habitats, including fodder eucalypt plantation;
- Nature based recreational trails; and
- Opportunities for rehabilitation and appreciation of the natural environment through eco-tourism.

A vertical photograph of a forest with tall, slender trees and a dirt path, serving as a background for the left side of the slide.

Consultant Team



LEAD CONSULTANT /
MASTER PLANNING



HYDROLOGY & WSUD



ECOLOGY & BUSHFIRE



CIVIL ENGINEERING

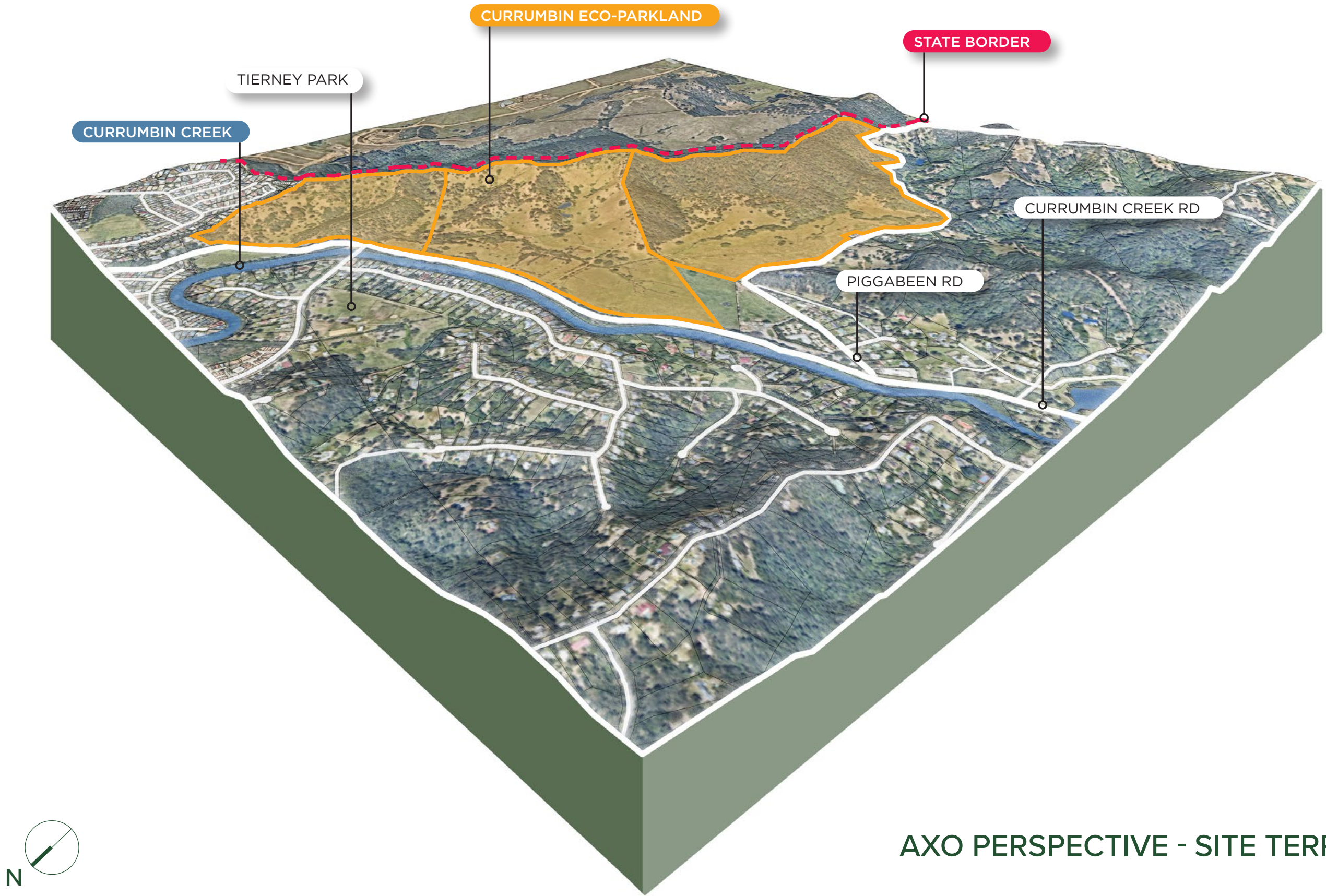


TOWN PLANNING



TRAFFIC AND TRANSPORT

Site and Context



AXO PERSPECTIVE - SITE TERRAIN

An Ecological Master Plan was prepared through desktop review of the following:

- Relevant International, Federal and State legislation,
- Online Database Species Records and Mapping,
- Geology and Topography
- Vegetation Communities and Habitat,
- Ecological Function.

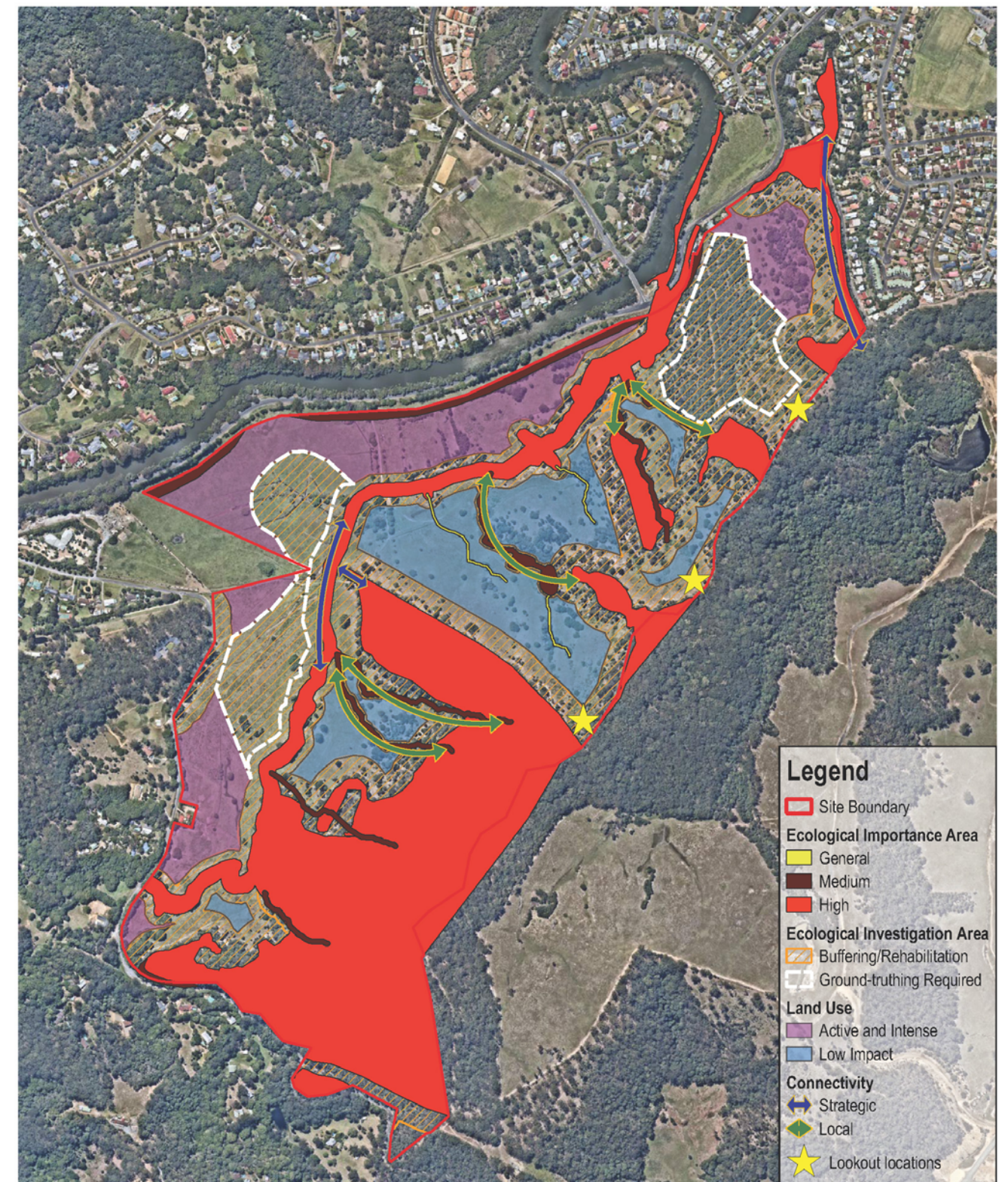


Figure 14. Ecological Masterplan

Currumbin-Eco Parkland, Currumbin Waters
Lots 1 & 247 on RP854934, Lot 2 on RP168012

Job Number: S521052;
Author: Chloe Hanrahan; Date: 19-05-2021;
Data: Digital Cadastral Database (c) - State of Qld 2021, Aerial Photography - Nearmaps Imagery Dated 16/10/2020.

K:\01 S5 Consulting\S5 Projects\S5 Projects\Projects 2021\S521052 Currumbin Eco Park\03 Drawings\QGIS\Eco figures.qgz

This plan may only be relied upon in relation to the project and purpose for which it was commissioned. It should be noted, that this plan is not inclusive of all Environmental Features/ layers.



Note: Mapping based on desktop review only and subject to further refinement and ground truthing.

The site was also considered through the lens of Bushfire risk. Preliminary opportunities and constraints were established through desktop review of:

- Mapped bushfire hazard (SPP Bushfire Prone Area Map and CoGC Bushfire Hazard Overlay Map)
- Topography
- Vegetation Assessment and likely fuel loads

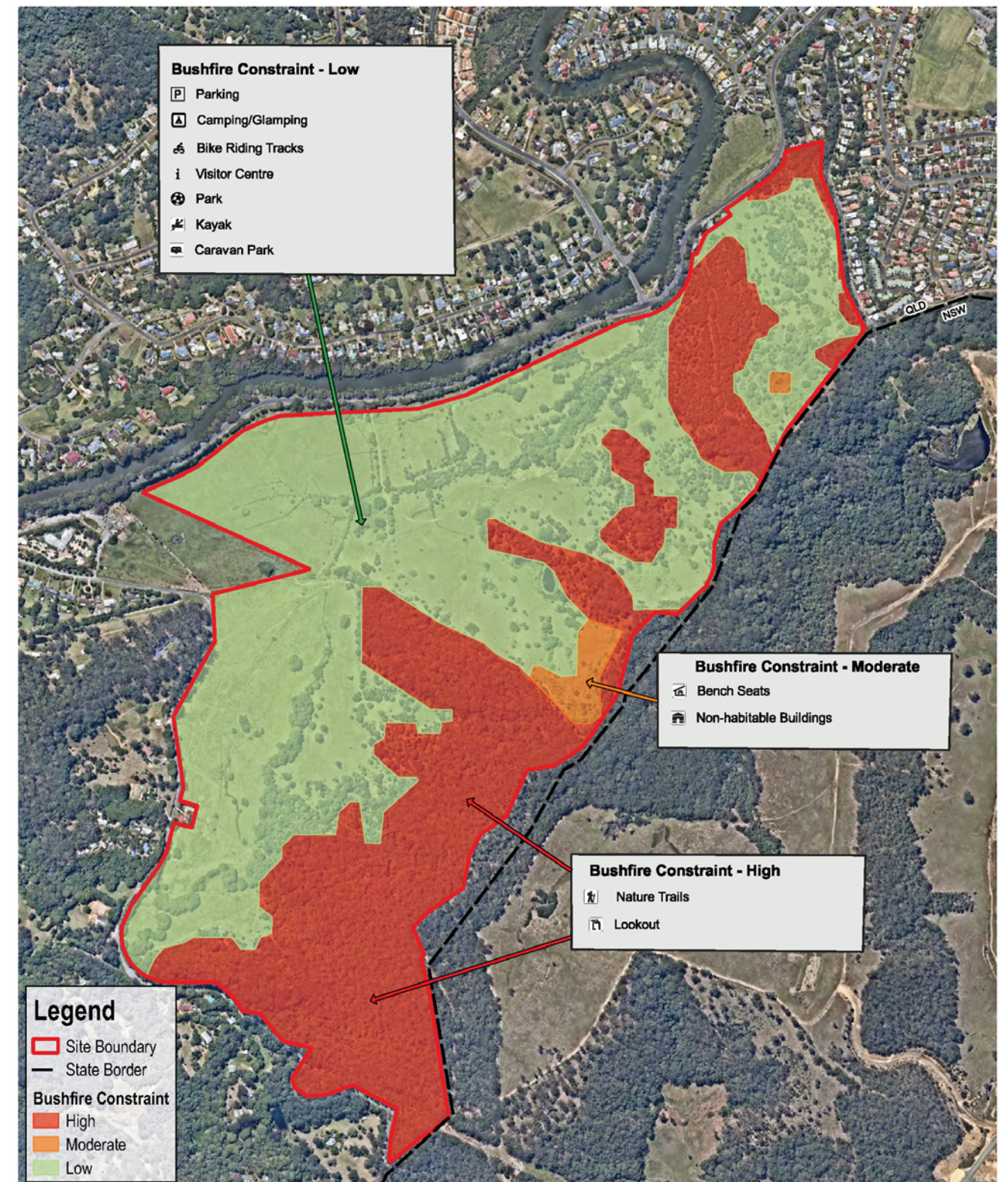


Figure 8 - Opportunities and Constraints

Currumbin Creek Road, Currumbin Waters
Lots 1 & 247 on RP854934, and Lot 2 on RP168012

Job Number: S521052;
Author: Tessa Horgan; Date: 17-05-2021;
Data: Digital Cadastral Database (c) - State of Qld 2021, Aerial Photography - Nearmaps Imagery Dated 16/10/2020,
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Figures.qgz

This plan may only be relied upon in relation to the project and purpose for which it was commissioned. It should be noted, that this plan is not inclusive of all Environmental Features/ layers.

0 100 200 300 400 m

Scale: approx 1: @A3



Note: Mapping based on desktop review only and subject to further refinement and ground truthing.

COLLATION OF TECHNICAL STUDIES FOR DEVELOPMENT OF INITIAL OPTIONS

Legend

ECOLOGICAL IMPORTANCE

-  High Ecological Value Areas of Importance
-  Medium Ecological Value Areas of Importance
-  Potential Areas for Vegetation Rehabilitation

LAND USES

-  Opportunities for more intensive constructed landscape works outcomes and land uses to be explored*
-  Suggested areas for low impact land uses
-  Potential location for active sporting fields. Note this location may require between 1-2m of fill. Further flood modelling is to be undertaken to review impacts and viability.
-  Suggested Areas for Active Park Landscapes and Land uses. Where possible seek to embellish works above RL 20 to reduce likelihood of flood impact.

ECOLOGICAL CONNECTIVITY

-  Strategic Regional Ecological Connectivity
-  Local Ecological Connectivity

WATERWAY HEALTH AND RESTORATION

-  Suggested areas of potential wetlands. The creation of ephemeral Melaleuca/Eucalypt swamp wetlands in low lying areas will support endangered native vegetation
-  Suggested opportunity to expand marine vegetation communities to form mangrove swamps
-  Suggested Wetland Opportunity to gain additional flood storage through excavation to form a wetland
-  Suggested extent of ephemeral waterways that are to be protected and ecologically enhanced
-  Consider the recreation of the ANA-branch watercourse alignment

Note: Mapping based on desktop review only and subject to further refinement and ground truthing.

Defining an Eco-Park



ZEALANDIA Te Māra a Tāne Wellington NZ

ECO-SANCTUARY

Flora and fauna rehabilitation and conservation

PASSIVE RECREATION

Walking/Hiking trails, guided tours, bird spotting, family events

A GLOBAL DESTINATION

A transformative impact through restoration of native ecosystems



DAISY HILL CONSERVATION PARK Daisy Hill, QLD

WILDLIFE CONSERVATION

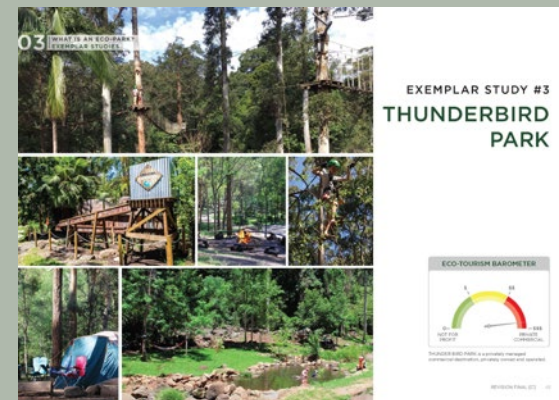
Protects significant habitat for koalas and other wildlife

PASSIVE & ACTIVE RECREATION

Bushwalking, Picnic areas, Mountain bike trails, open space, Nature Play

LOCAL EDUCATION

Koala Centre showcase and a local destination for schools and family day trips



THUNDERBIRD PARK Tambourine Mountain, QLD

ADVENTURE PLAY

TreeTop Challenge, Outdoor adventure activities

PASSIVE & ACTIVE RECREATION

Bushwalks, walking trails, rock pools, bird feeding, food & beverage, camping grounds and facilities



THE FARM Byron Bay, QLD

WORKING FARM

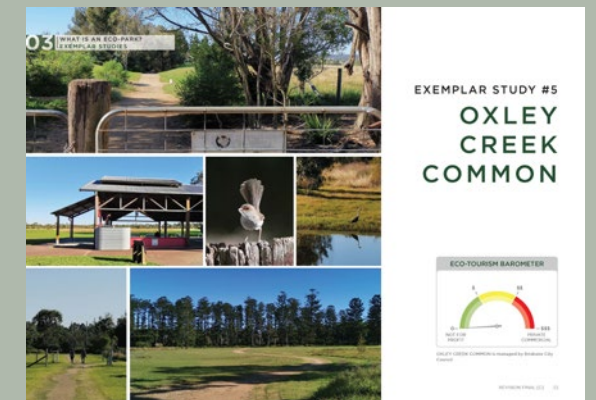
Food production, ethical farming, bee-keeping

WORKSHOPS & EVENTS

Farm workshops, children and family events, venue hire

RETAIL & DINING

Destination dining, casual dining, tours



OXLEY CREEK COMMON Rocklea, QLD

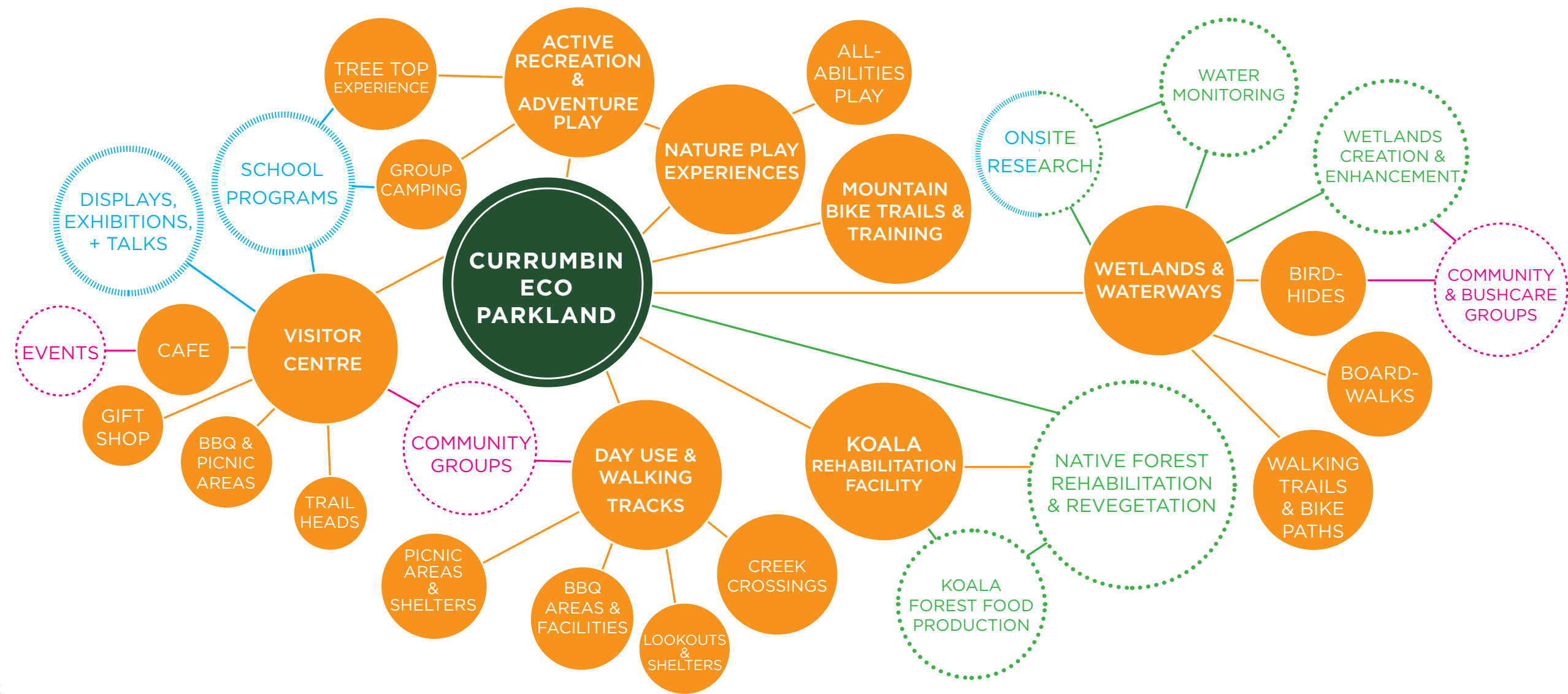
PASSIVE RECREATION

Walking trails (all-ages), picnic areas, bird spotting, community groups and events

WETLANDS & CONSERVATION

Rehabilitation and conservation of wetland environment, flora and fauna protection, bushcare groups

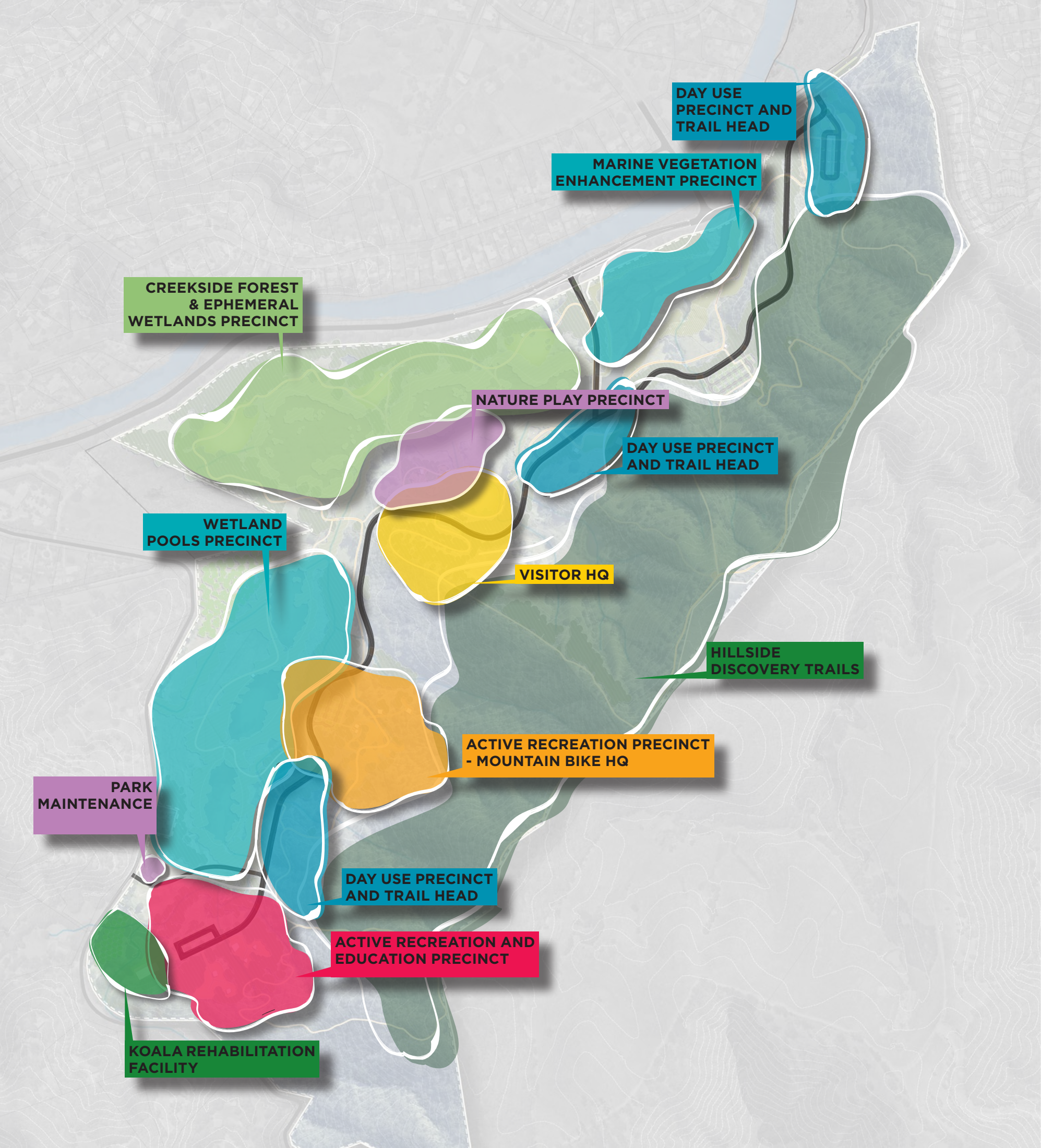
WHAT ARE THE POTENTIAL INGREDIENTS OF THE CURRUMBIN ECO-PARKLAND?



LEGEND

- Attractors
- Environmental Restoration & Conservation
- Educational Experience
- Social Experience

Draft Precincts



**DAY USE PRECINCT
& TRAIL HEADS**

**DAY USE PRECINCT
AND TRAIL HEAD**

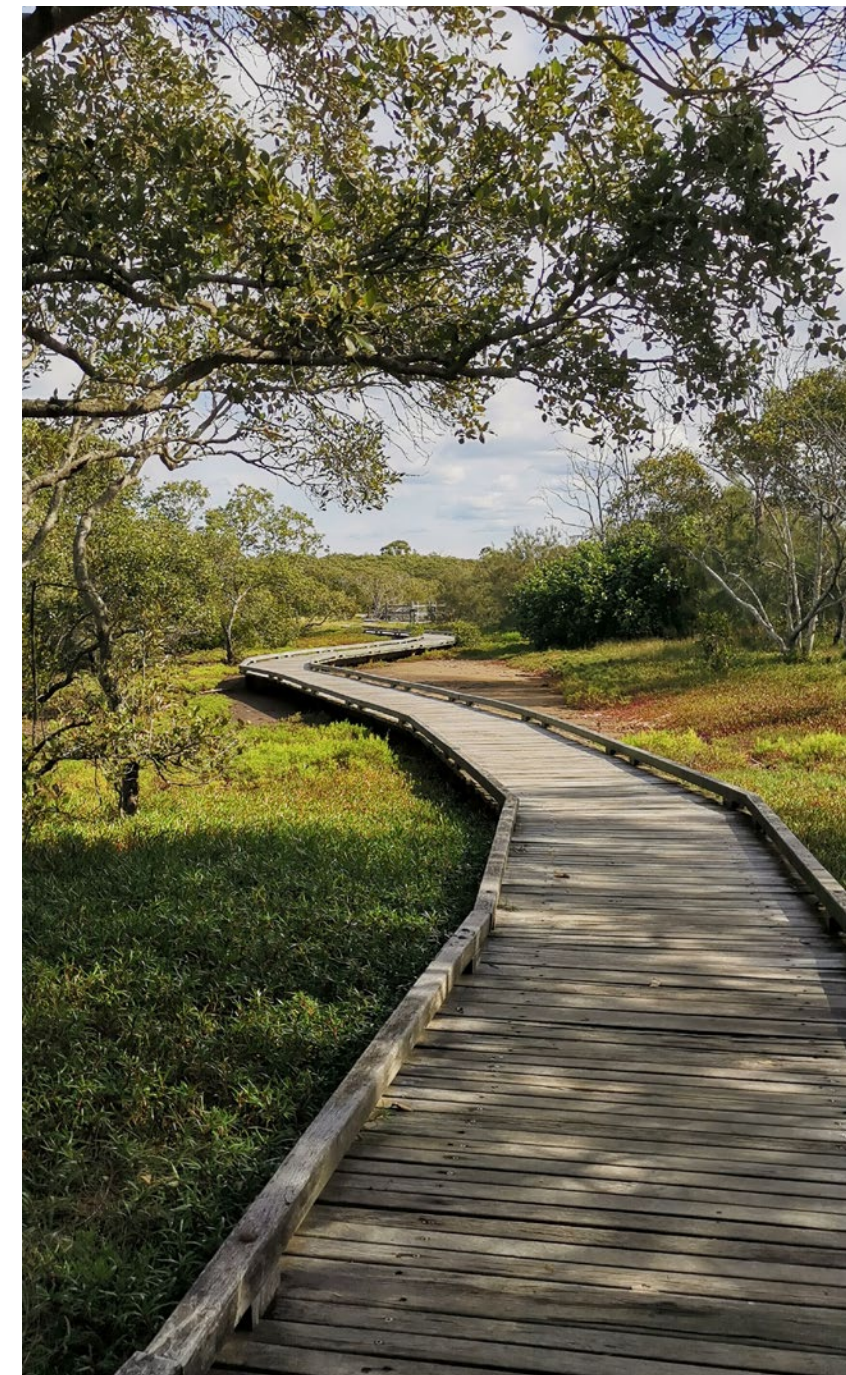
**DAY USE PRECINCT
AND TRAIL HEAD**

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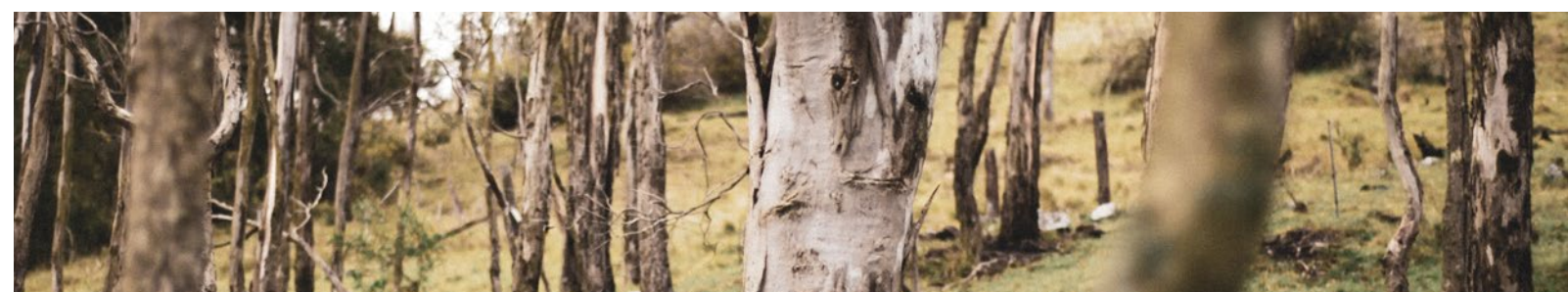
MARINE VEGETATION ENHANCEMENT PRECINCT

MARINE VEGETATION
ENHANCEMENT PRECINCT

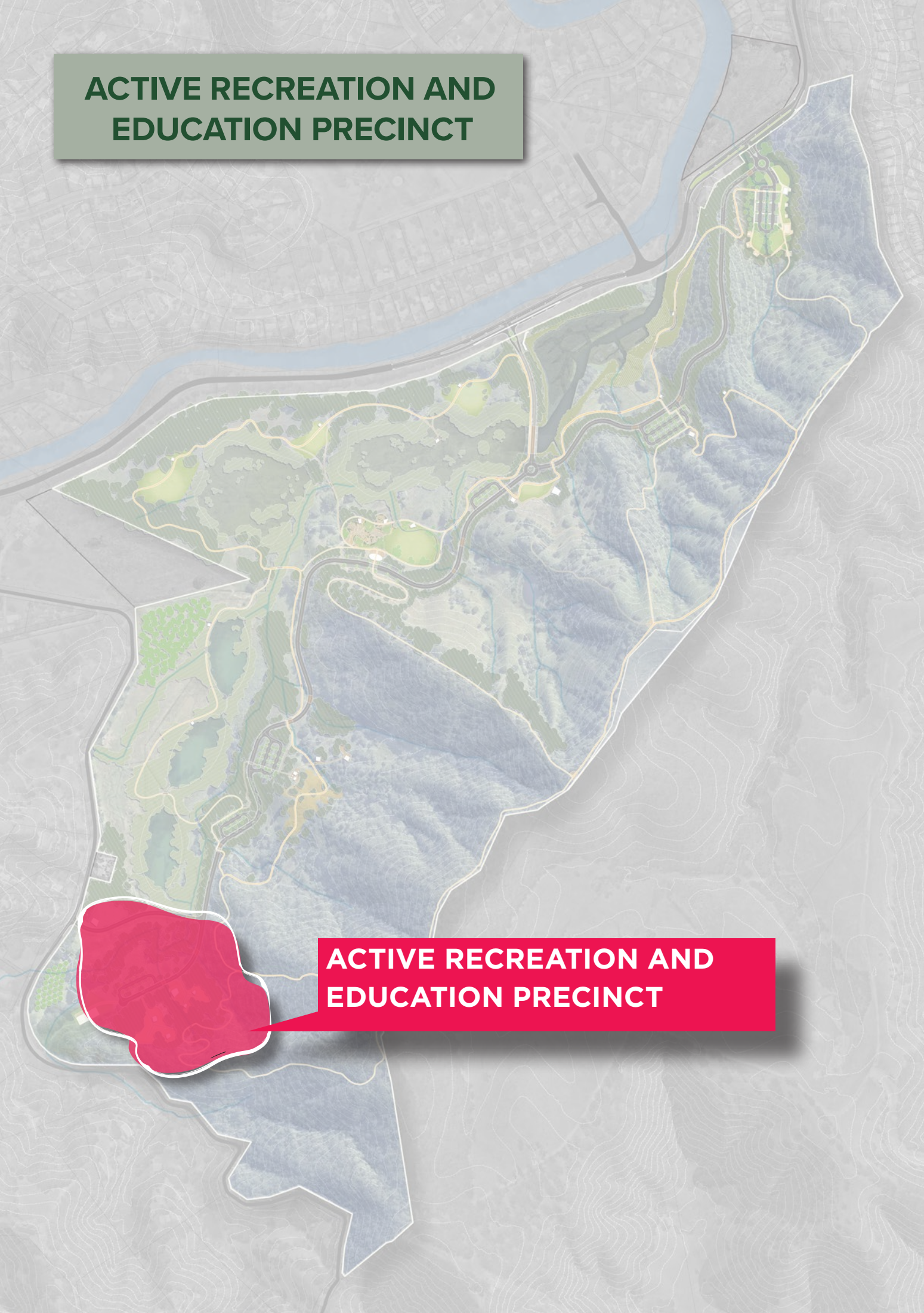


KOALA REHABILITATION FACILITY

KOALA REHABILITATION FACILITY



**ACTIVE RECREATION AND
EDUCATION PRECINCT**



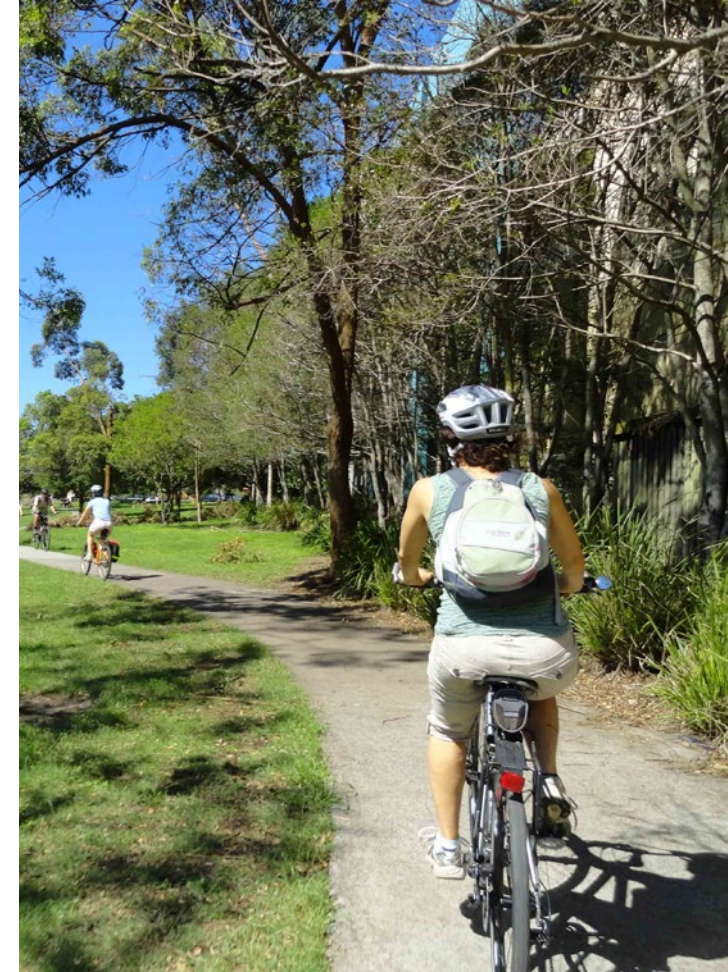
**ACTIVE RECREATION AND
EDUCATION PRECINCT**



**CREEKSIDE FOREST &
EPHEMERAL WETLANDS +
WETLAND POOLS PRECINCTS**

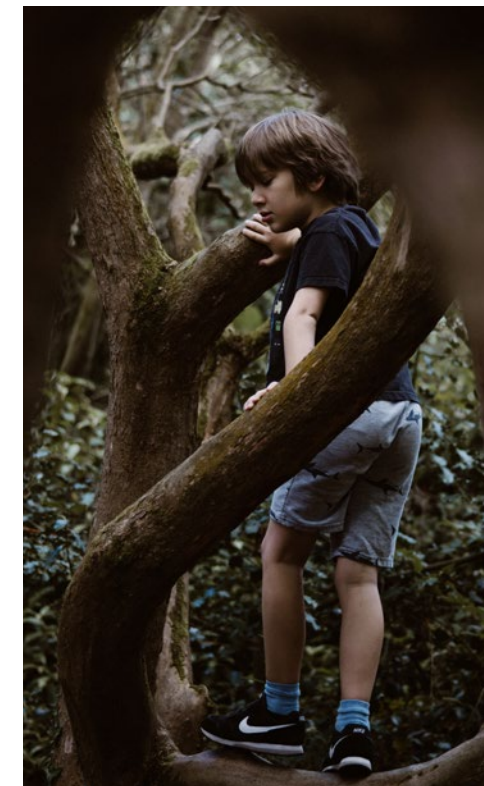
**CREEKSIDE FOREST & EPHEMERAL
WETLANDS PRECINCT**

WETLAND POOLS PRECINCT



NATURE PLAY PRECINCT

NATURE PLAY PRECINCT



MOUNTAIN BIKE SKILLS PRECINCT

ACTIVE RECREATION
PRECINCT - MTB HQ



VISITOR HQ



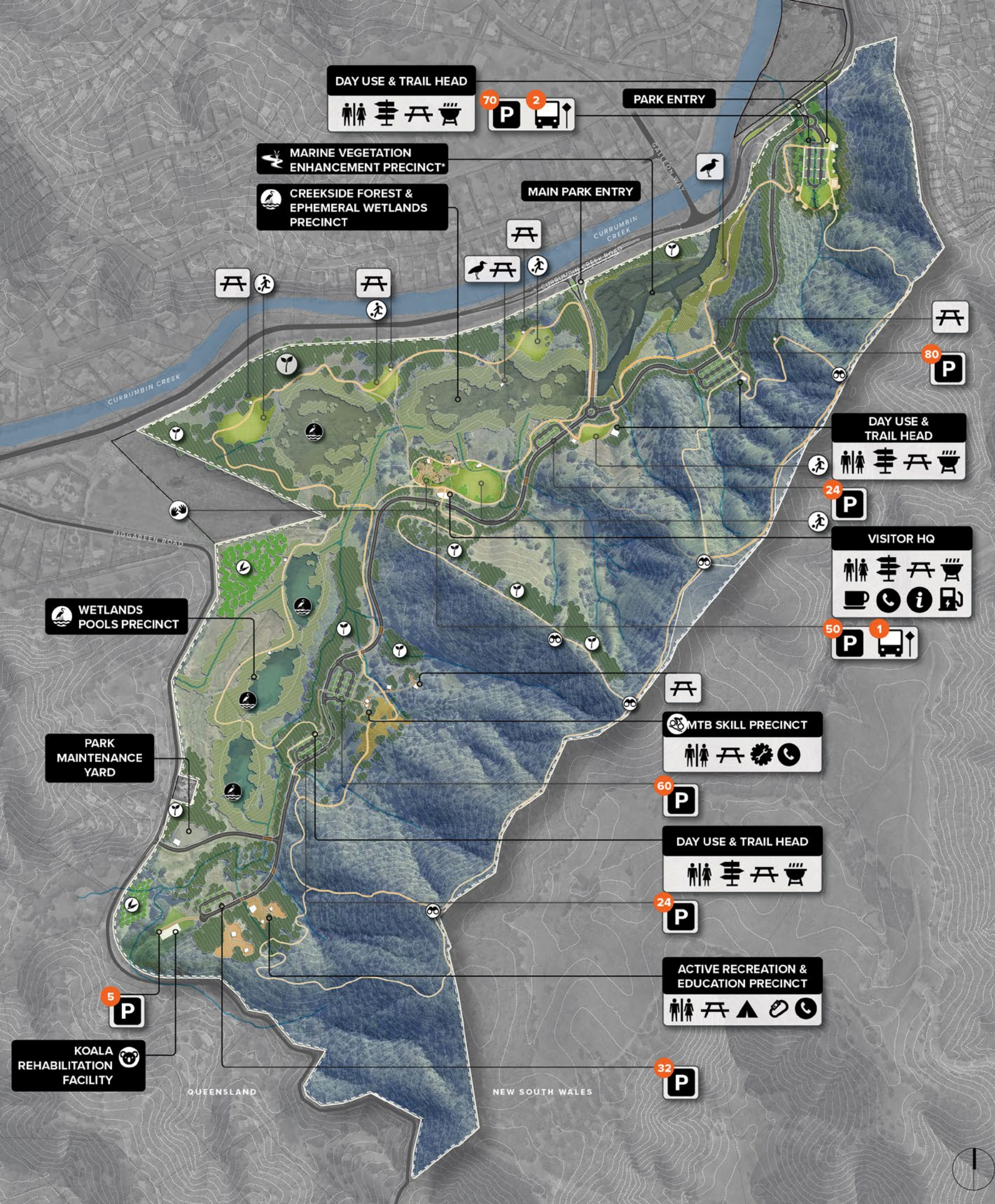
CURRUMBIN ECO-PARKLAND

DRAFT OPTIONS PLAN

Note: This options plan is provided as a "concept only" master plan, aimed at assisting community consultation and feedback. The options plan does not represent the confirmed outcome of the development proposal and remains subject to change.

DRAWING KEY

	Primary Road		Car parking (# spaces)
	Secondary Road		Bus set-down (# buses)
	Border Track loop		Toilets
	Walking / Hiking Trail		Drinking water fountains
	Waterways		Picnic area
	Fencing		BBQ facilities
	Shelters and Structures		Trail head
	Proposed new planting		Food & Beverage
	Buffer revegetation		Nature play area
	Riparian vegetation		Lookout Point
	Coastal forest vegetation		Bird Hide
	Salt marsh vegetation		Open / unstructured green space
	Mangrove flats		Mountain Bike skills tracks
	Wetland		Bike repair station
	Ephemeral wetland		Group camping facilities
	Marine Vegetation Enhancement Precinct		Tree Top Experience & Outdoor group activities
	Koala Rehabilitation Facility		Communication / Help Point
	Forest production as Koala food source		Information point
	Forest rehabilitation for ecology and local biodiversity		EV charging station



A photograph of a dirt path leading through a forest. On the left side of the path, there is a fence made of vertical wooden posts. The path is surrounded by tall trees with green foliage. The text "Clarifications Ahead of Group Discussion" is overlaid in the center of the image.

Clarifications Ahead of Group Discussion