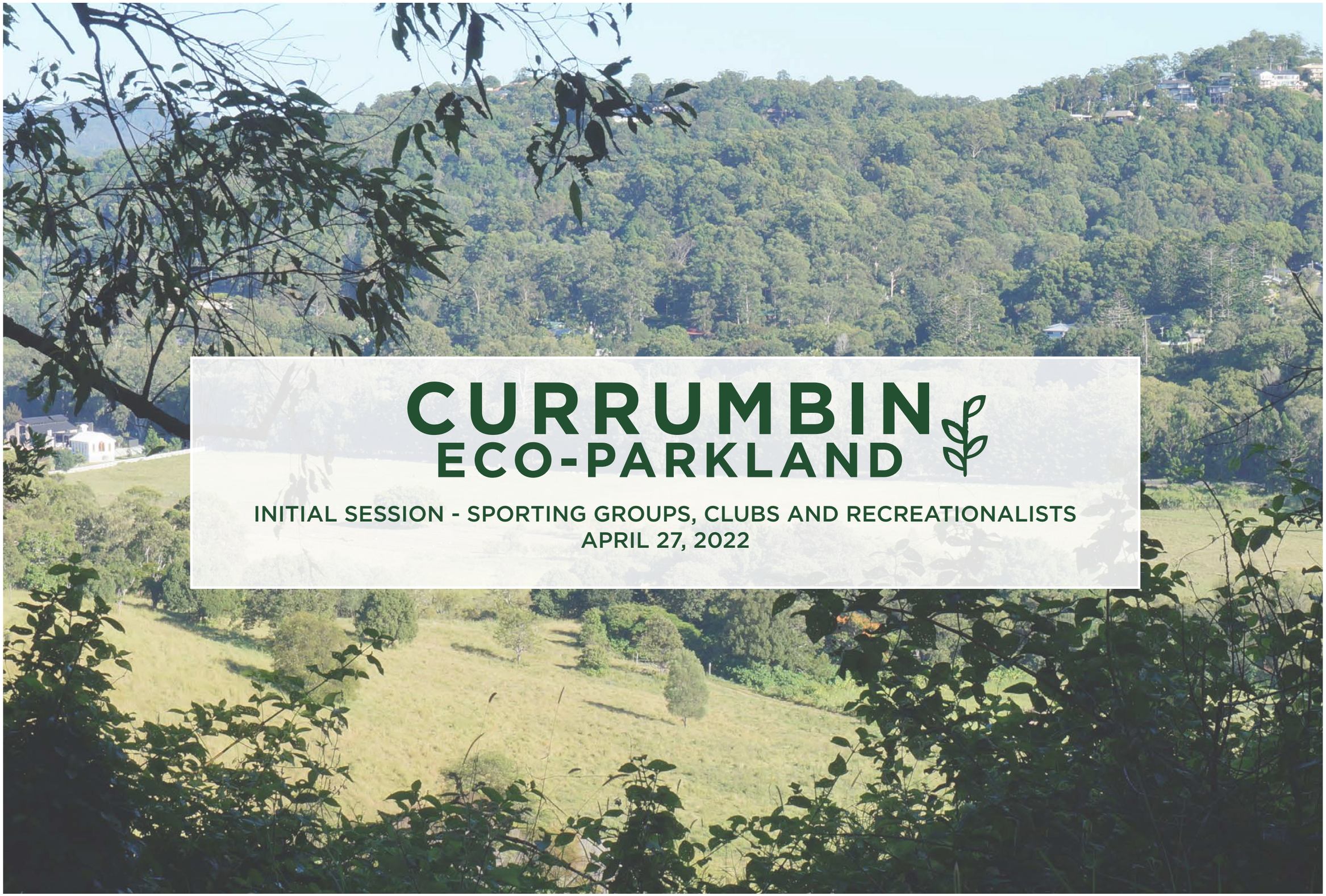


# CURRUMBIN ECO-PARKLAND

## INITIAL SESSION - SPORTING GROUPS, CLUBS AND RECREATIONALISTS
## APRIL 27, 2022

# Master Planning Currumbin Eco-Parkland

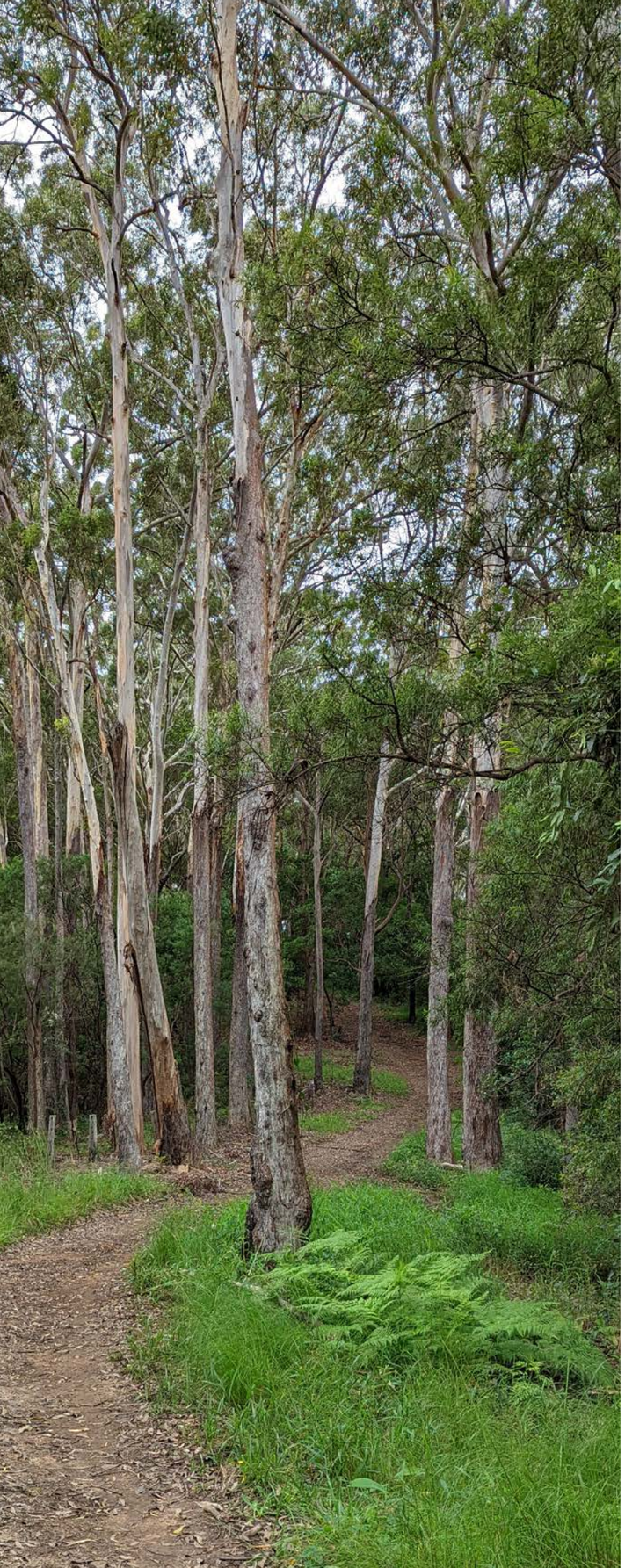
**PROJECT BRIEFING**

**DRAFTS OPTIONS PLAN**

**ENGAGEMENT PHASE**
*Community Consultation*

**PRECINCT MASTER PLAN DESIGN REVIEW**

**CURRUMBIN ECO-PARKLAND MASTERPLAN**



# This session covers...

01 THE BRIEF

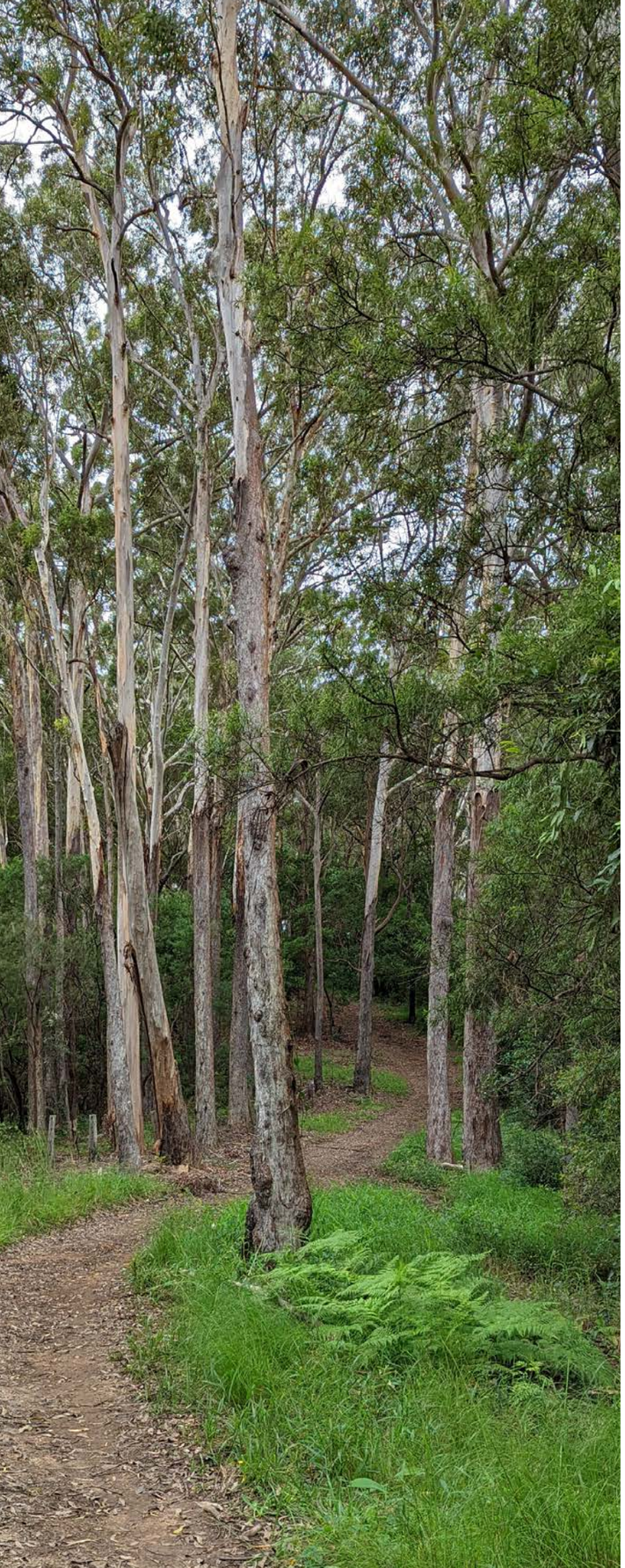
02 THE CONSULTANT TEAM

03 SITE AND CONTEXT

04 AN ECO-PARKLAND FOR CURRUMBIN

05 DRAFT PRECINCTS

06 DRAFT OPTIONS PLAN



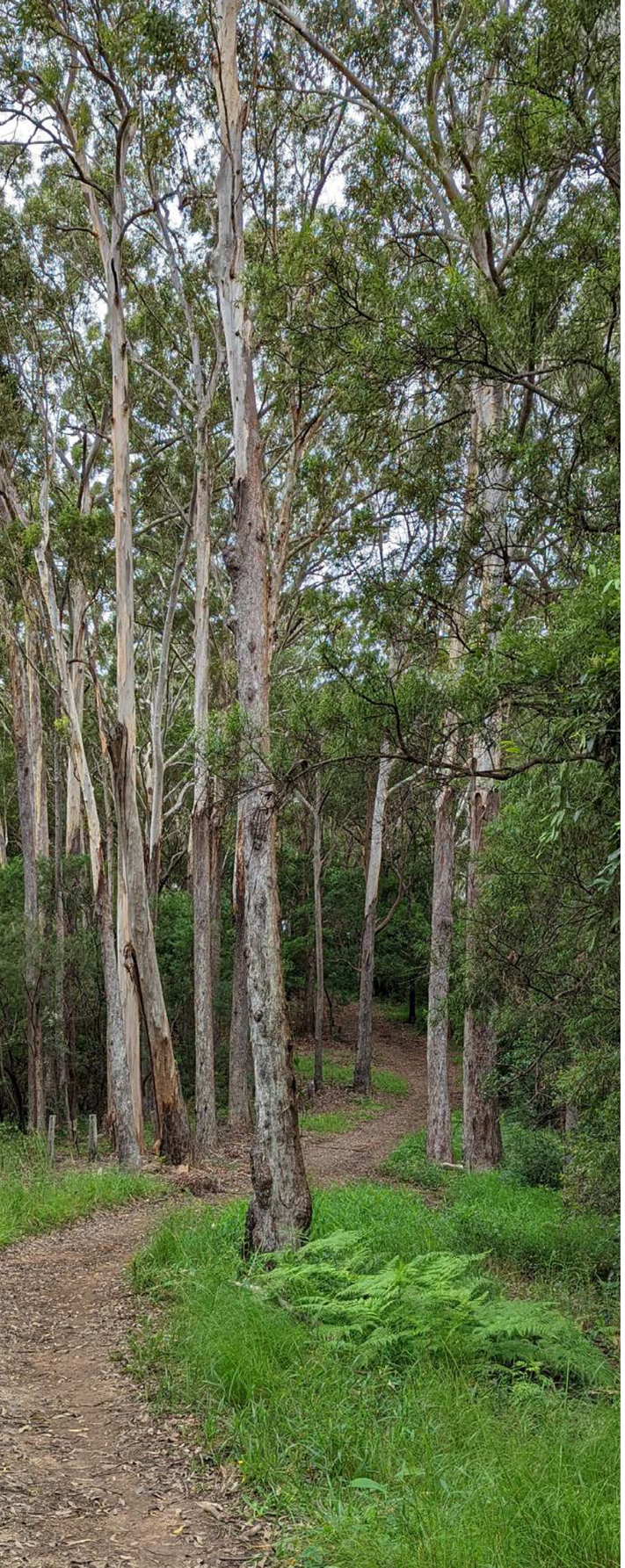
# The Brief

The site presents opportunities for the preservation and rehabilitation of the natural environment including flood plain storage and endangered ecosystems. *Source : Background, Currumbin Eco Parkland Project Report.  June 2021*

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.

*Source : Project Description, Currumbin Eco Parkland Project Report.  June 2021*



# Consultant Team

LEAD CONSULTANT / MASTER PLANNING

HYDROLOGY & WSUD

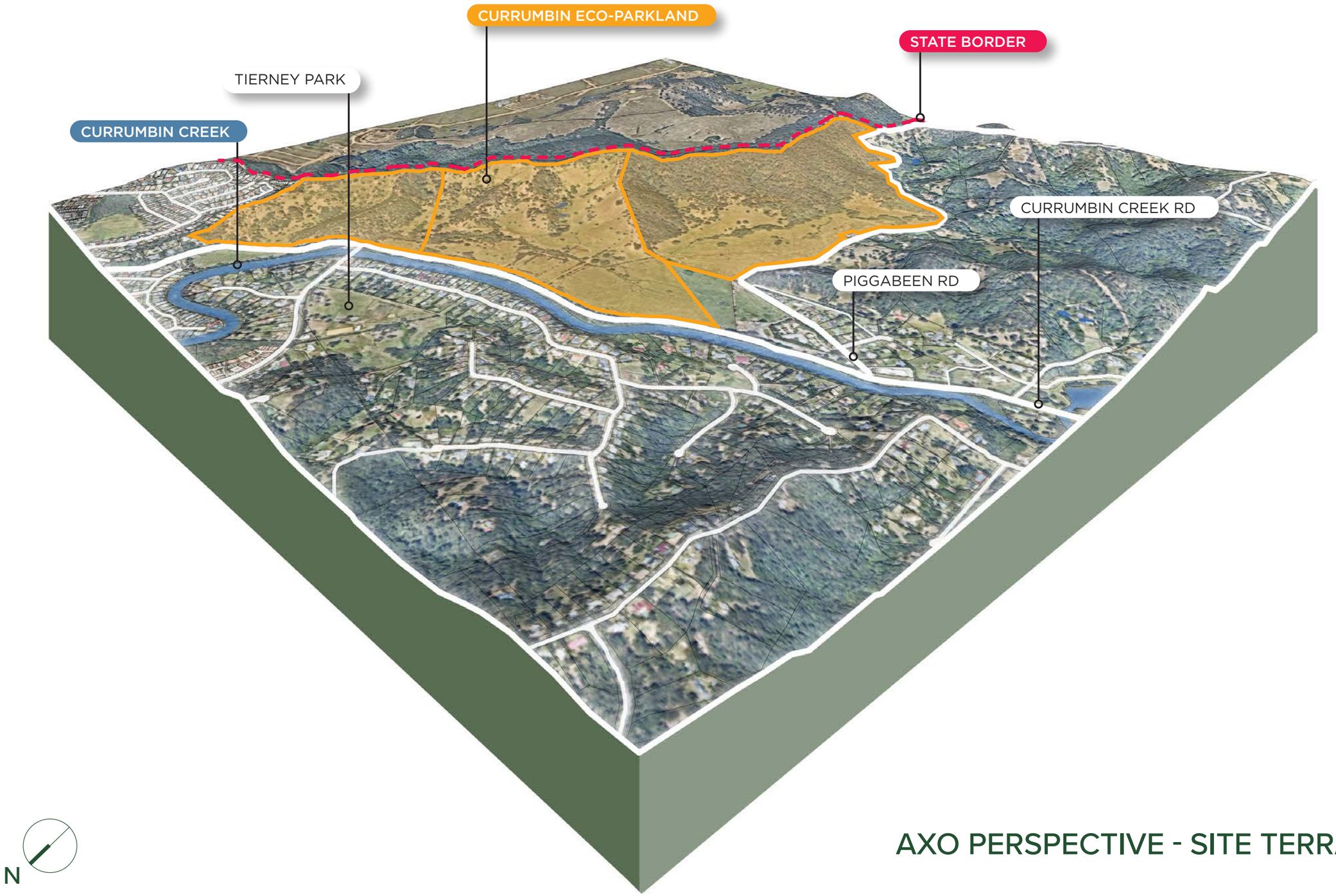
ECOLOGY & BUSHFIRE

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.

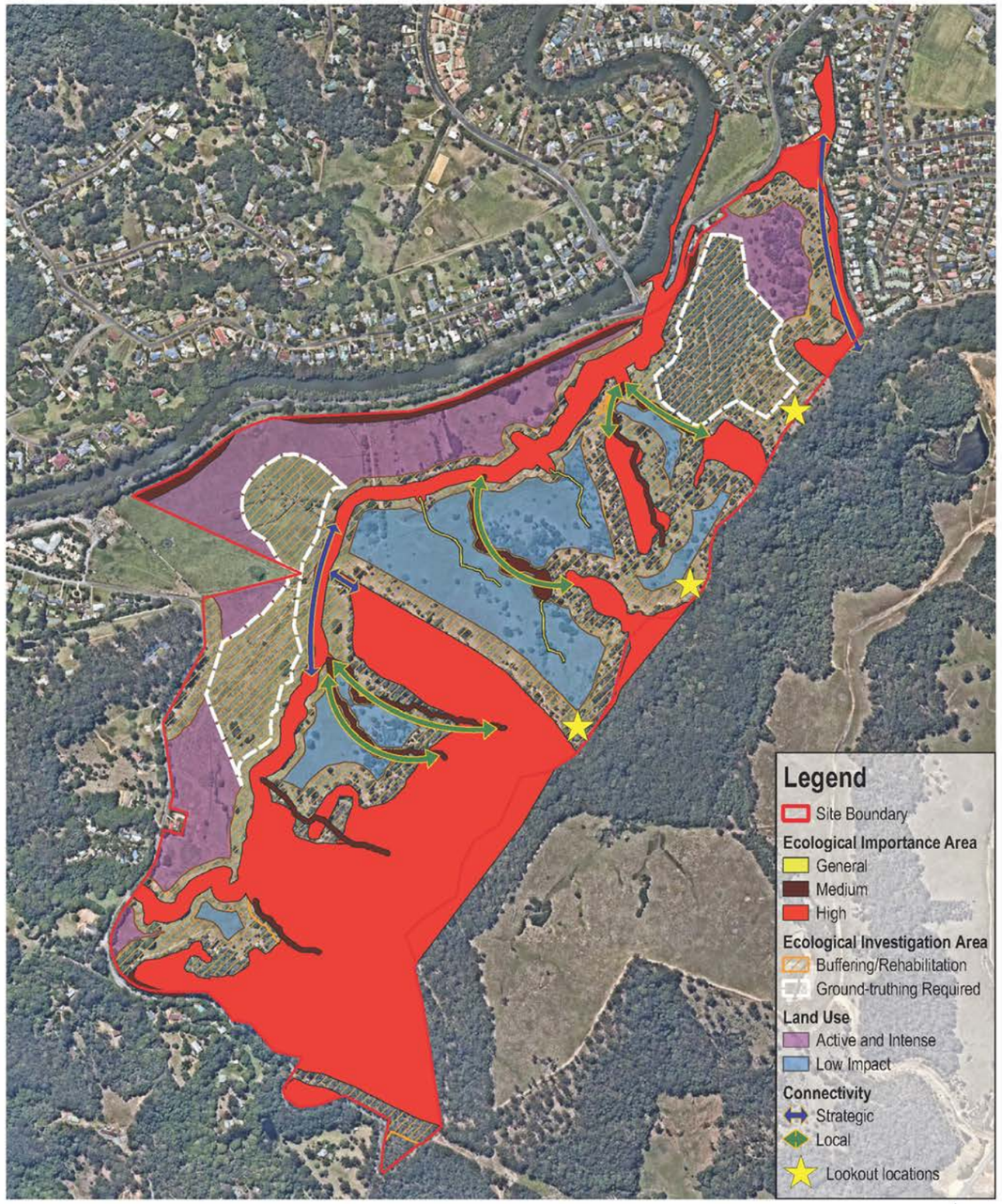



**Figure 14. Ecological Masterplan**

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

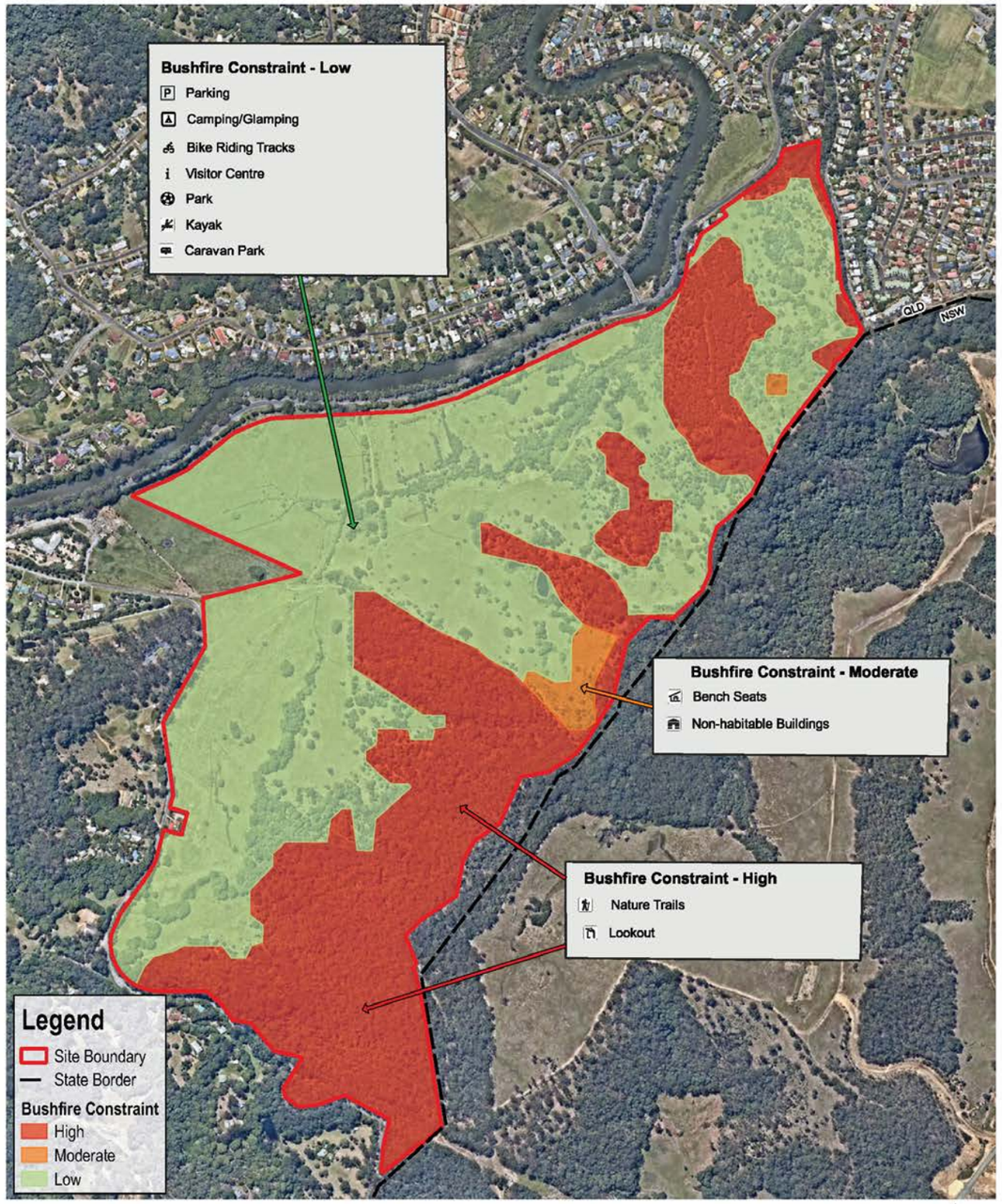



**Figure 8 - Opportunities and Constraints**

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

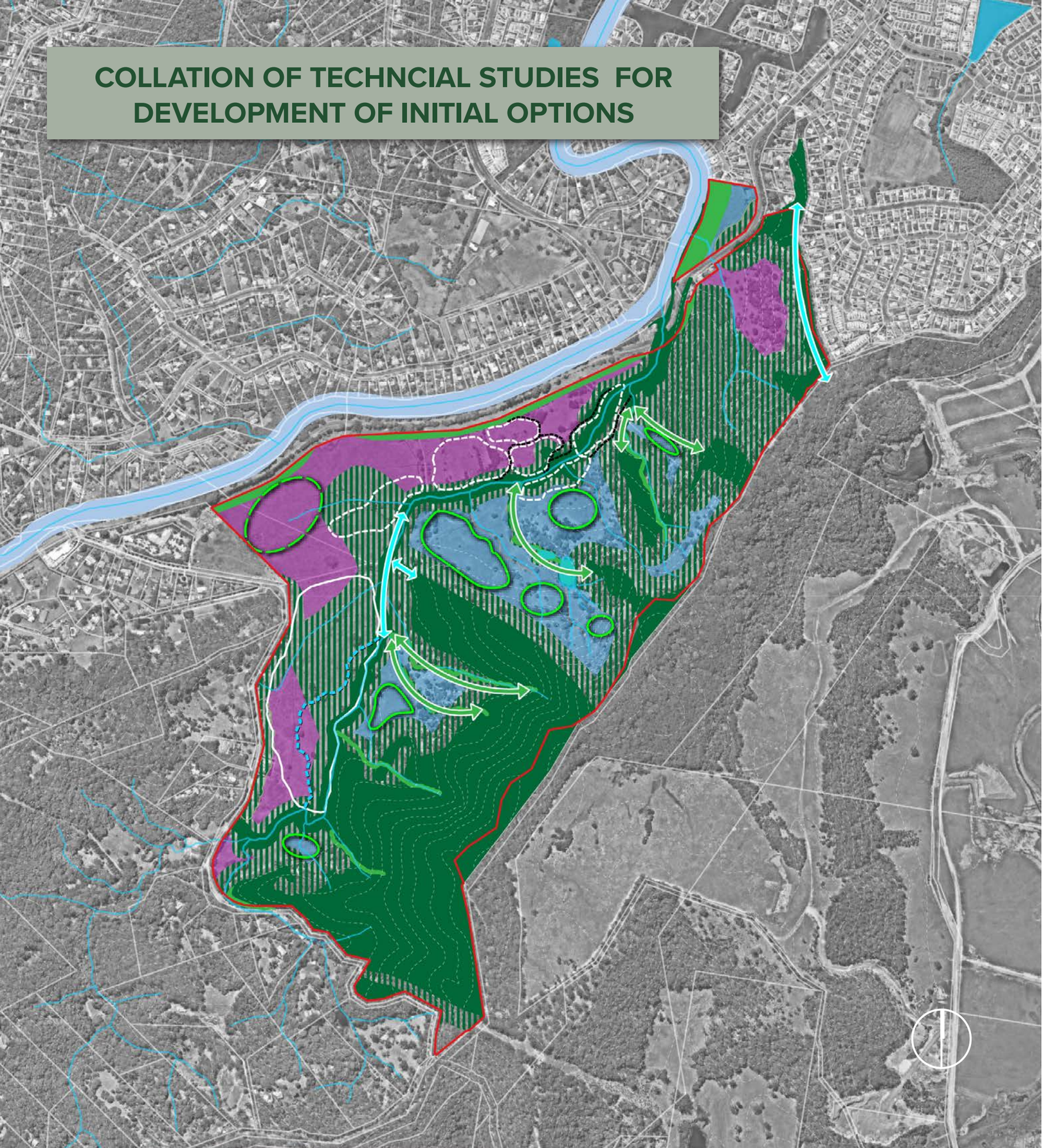
Job Number: S521052;
Author: Tessa Horgan; Date: 17-05-2021;
Data: Digital Cadastral Database (c) - State of Qld 2021, Aerial Photography - Nearmaps Imagery Dated 16/10/2020,

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

# COLLATION OF TECHNCIAL 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.*

# What is an Eco-Parkland for Currumbin?

# Is it any of these?




## 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

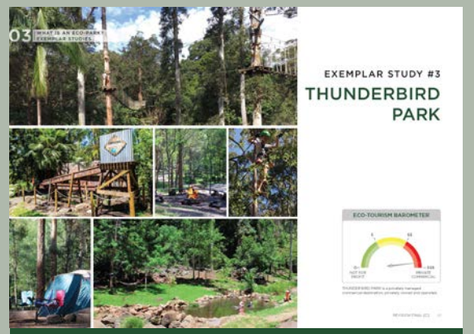



## DAISY HILL CONSERVATION PARK Daisy Hill, QLD

### 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

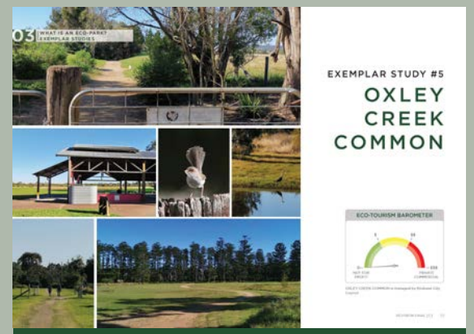



## THE FARM Byron Bay, QLD

### 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 ingredients of an Eco-Park?

## If we start here:

NATIVE FOREST REHABILITATION & REVEGETATION


NATIVE FOREST REHABILITATION & REVEGETATION
KOALA REHABILITATION FACILITY
KOALA
FOREST FOOD
PRODUCTION
DAY USE & WALKING TRACKS
PICNIC AND
BBQ AREAS &
FACILITIES
LOOKOUTS &
SHELTERS
CREEK
CROSSINGS

NATIVE FOREST REHABILITATION & REVEGETATION

COMMUNITY GROUPS

COMMUNITY EVENTS?

DAY USE & WALKING TRACKS

PICNIC AND BBQ AREAS & FACILITIES

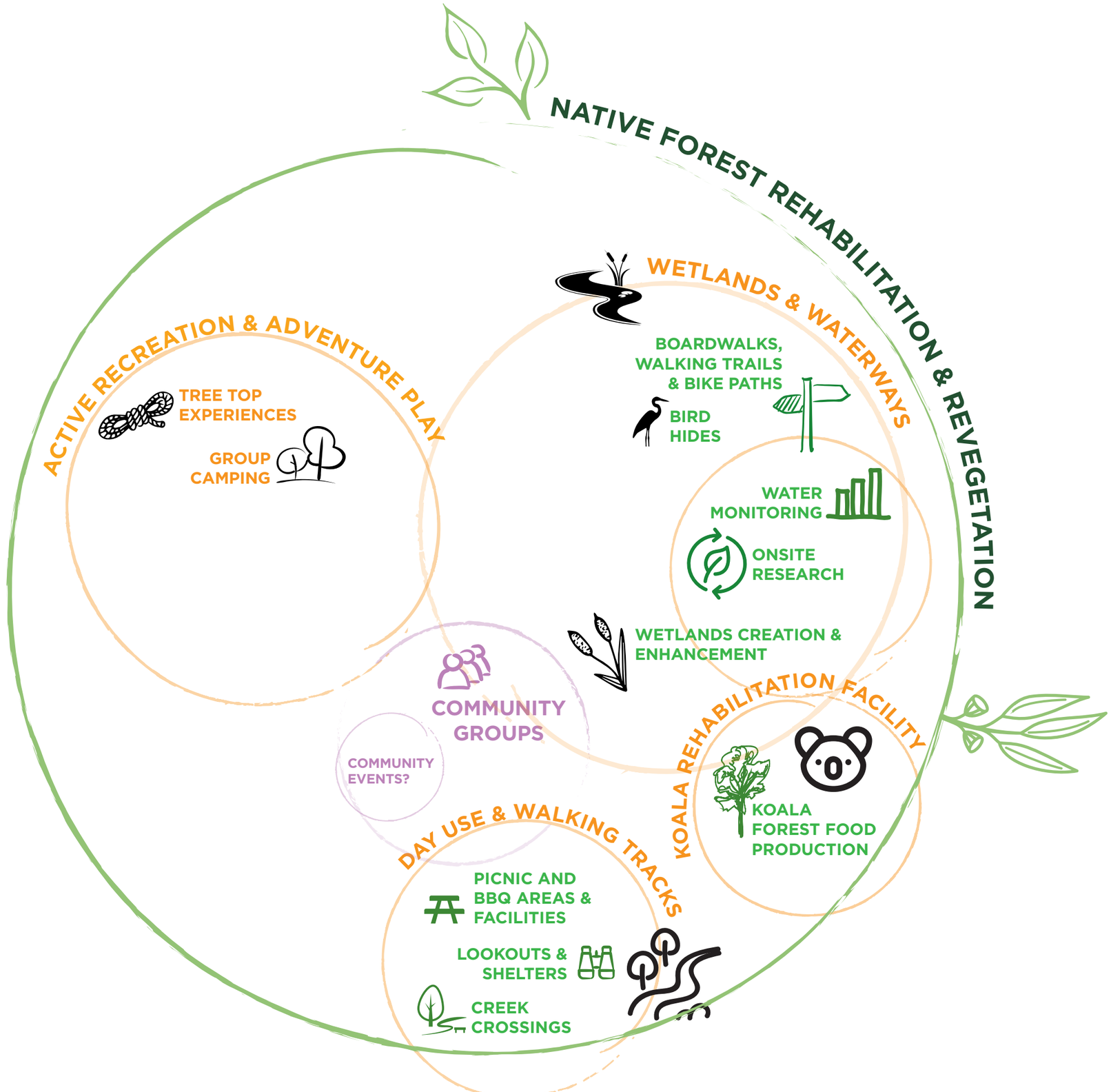
LOOKOUTS & SHELTERS

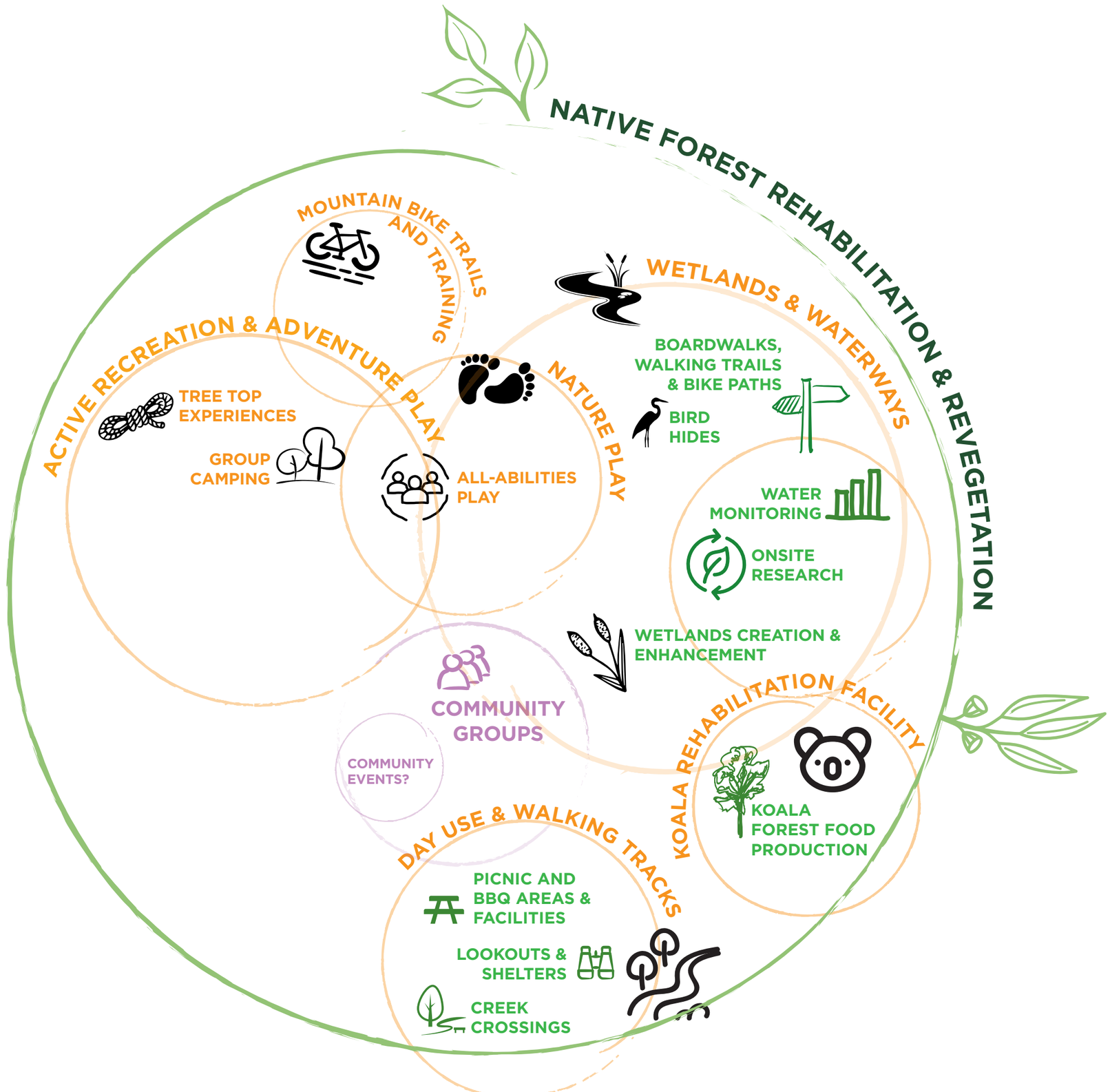
CREEK CROSSINGS

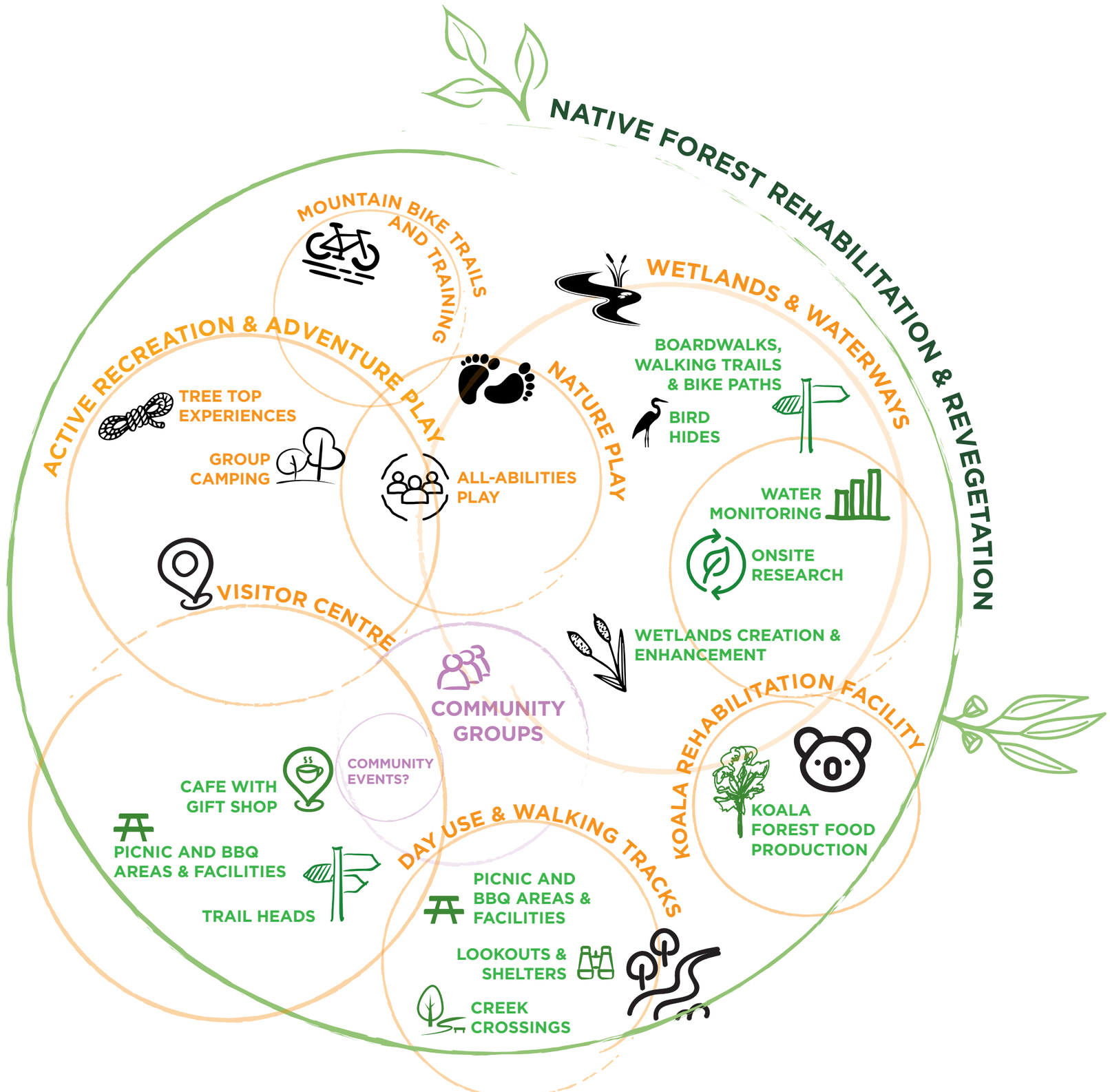
KOALA REHABILITATION FACILITY

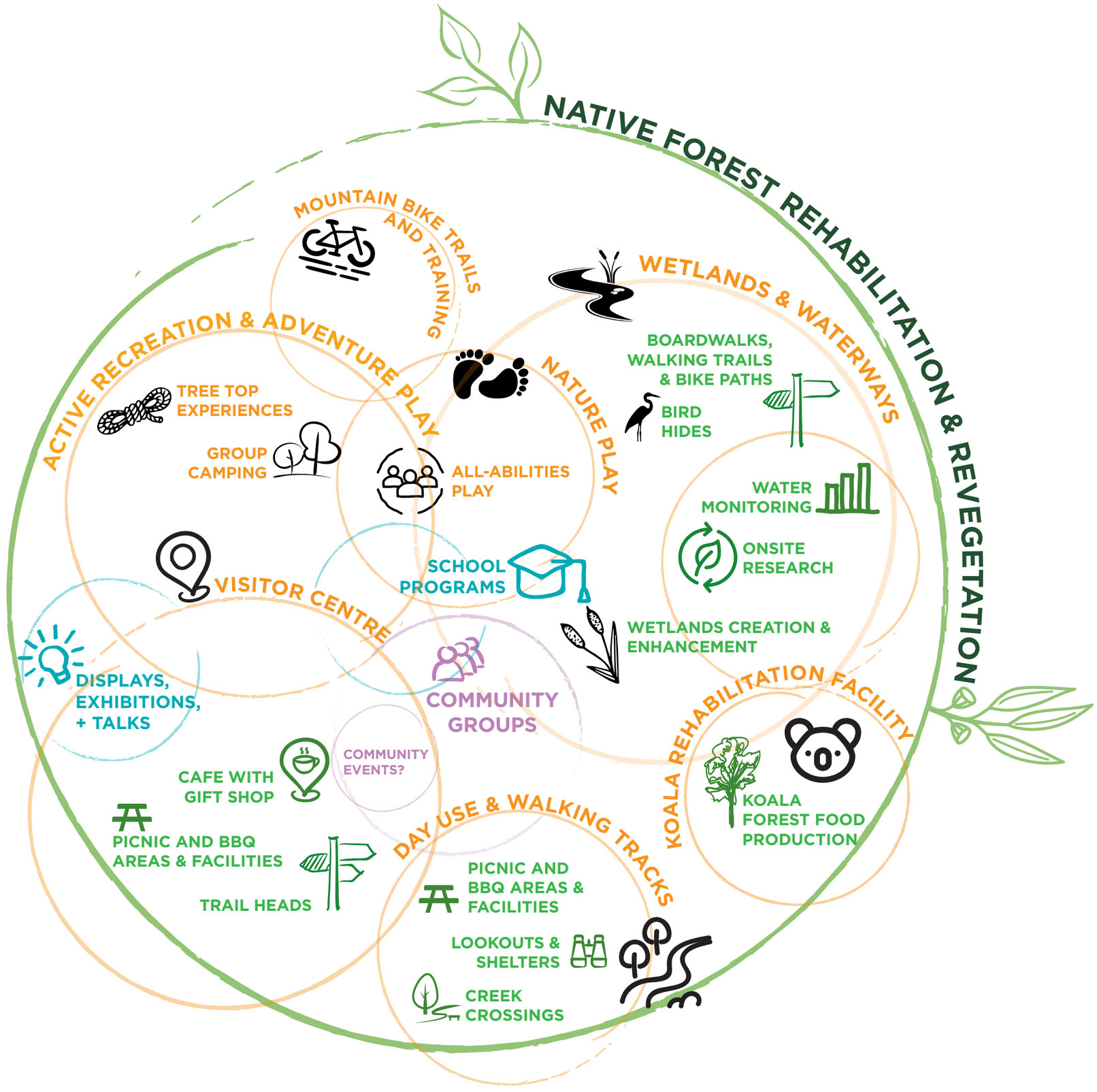
KOALA FOREST FOOD PRODUCTION


NATIVE FOREST REHABILITATION & REVEGETATION
WETLANDS & WATERWAYS
BOARDWALKS, WALKING TRAILS & BIKE PATHS
BIRD HIDES
WATER MONITORING
ONSITE RESEARCH
WETLANDS CREATION & ENHANCEMENT
KOALA REHABILITATION FACILITY
KOALA FOREST FOOD PRODUCTION
COMMUNITY GROUPS
COMMUNITY EVENTS?
DAY USE & WALKING TRACKS
PICNIC AND BBQ AREAS & FACILITIES
LOOKOUTS & SHELTERS
CREEK CROSSINGS

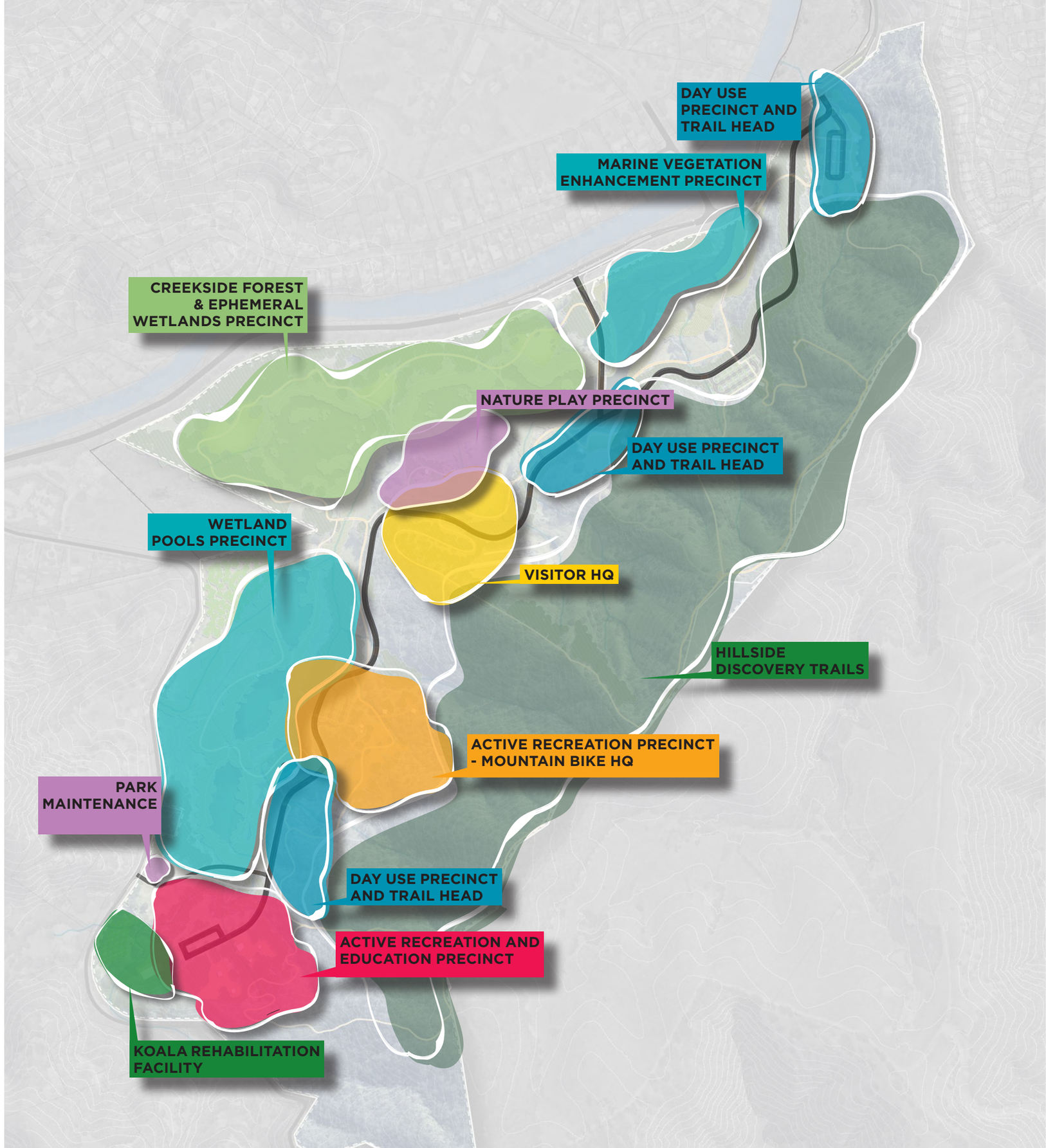

NATIVE FOREST REHABILITATION & REVEGETATION
ACTIVE RECREATION & ADVENTURE PLAY
TREE TOP EXPERIENCES
GROUP CAMPING
WETLANDS & WATERWAYS
BOARDWALKS, WALKING TRAILS & BIKE PATHS
BIRD HIDES
WATER MONITORING
ONSITE RESEARCH
WETLANDS CREATION & ENHANCEMENT
COMMUNITY GROUPS
COMMUNITY EVENTS?
KOALA REHABILITATION FACILITY
KOALA FOREST FOOD PRODUCTION
DAY USE & WALKING TRACKS
PICNIC AND BBQ AREAS & FACILITIES
LOOKOUTS & SHELTERS
CREEK CROSSINGS


NATIVE FOREST REHABILITATION & REVEGETATION
ACTIVE RECREATION & ADVENTURE PLAY
MOUNTAIN BIKE TRAILS AND TRAINING
TREE TOP EXPERIENCES
GROUP CAMPING
NATURE PLAY
ALL-ABILITIES PLAY
WETLANDS & WATERWAYS
BOARDWALKS, WALKING TRAILS & BIKE PATHS
BIRD HIDES
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ONSITE RESEARCH
WETLANDS CREATION & ENHANCEMENT
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COMMUNITY EVENTS?
KOALA REHABILITATION FACILITY
KOALA FOREST FOOD PRODUCTION
DAY USE & WALKING TRACKS
PICNIC AND BBQ AREAS & FACILITIES
LOOKOUTS & SHELTERS
CREEK CROSSINGS


NATIVE FOREST REHABILITATION & REVEGETATION
ACTIVE RECREATION & ADVENTURE PLAY
MOUNTAIN BIKE TRAILS AND TRAINING
TREE TOP EXPERIENCES
GROUP CAMPING
NATURE PLAY
ALL-ABILITIES PLAY
WETLANDS & WATERWAYS
BOARDWALKS, WALKING TRAILS & BIKE PATHS
BIRD HIDES
WATER MONITORING
ONSITE RESEARCH
WETLANDS CREATION & ENHANCEMENT
VISITOR CENTRE
COMMUNITY GROUPS
COMMUNITY EVENTS?
CAFE WITH GIFT SHOP
PICNIC AND BBQ AREAS & FACILITIES
TRAIL HEADS
DAY USE & WALKING TRACKS
PICNIC AND BBQ AREAS & FACILITIES
LOOKOUTS & SHELTERS
CREEK CROSSINGS
KOALA REHABILITATION FACILITY
KOALA FOREST FOOD PRODUCTION


NATIVE FOREST REHABILITATION & REVEGETATION
ACTIVE RECREATION & ADVENTURE PLAY
MOUNTAIN BIKE TRAILS AND TRAINING
TREE TOP EXPERIENCES
GROUP CAMPING
NATURE PLAY
ALL-ABILITIES PLAY
WETLANDS & WATERWAYS
BOARDWALKS, WALKING TRAILS & BIKE PATHS
BIRD HIDES
WATER MONITORING
ONSITE RESEARCH
SCHOOL PROGRAMS
WETLANDS CREATION & ENHANCEMENT
VISITOR CENTRE
DISPLAYS, EXHIBITIONS, + TALKS
COMMUNITY GROUPS
COMMUNITY EVENTS?
CAFE WITH GIFT SHOP
PICNIC AND BBQ AREAS & FACILITIES
TRAIL HEADS
DAY USE & WALKING TRACKS
PICNIC AND BBQ AREAS & FACILITIES
LOOKOUTS & SHELTERS
CREEK CROSSINGS
KOALA REHABILITATION FACILITY
KOALA FOREST FOOD PRODUCTION

# Draft Precincts



## DAY USE PRECINCT & TRAIL HEADS

DAY USE PRECINCT AND TRAIL HEAD

DAY USE PRECINCT AND TRAIL HEAD

DAY USE PRECINCT AND TRAIL HEAD





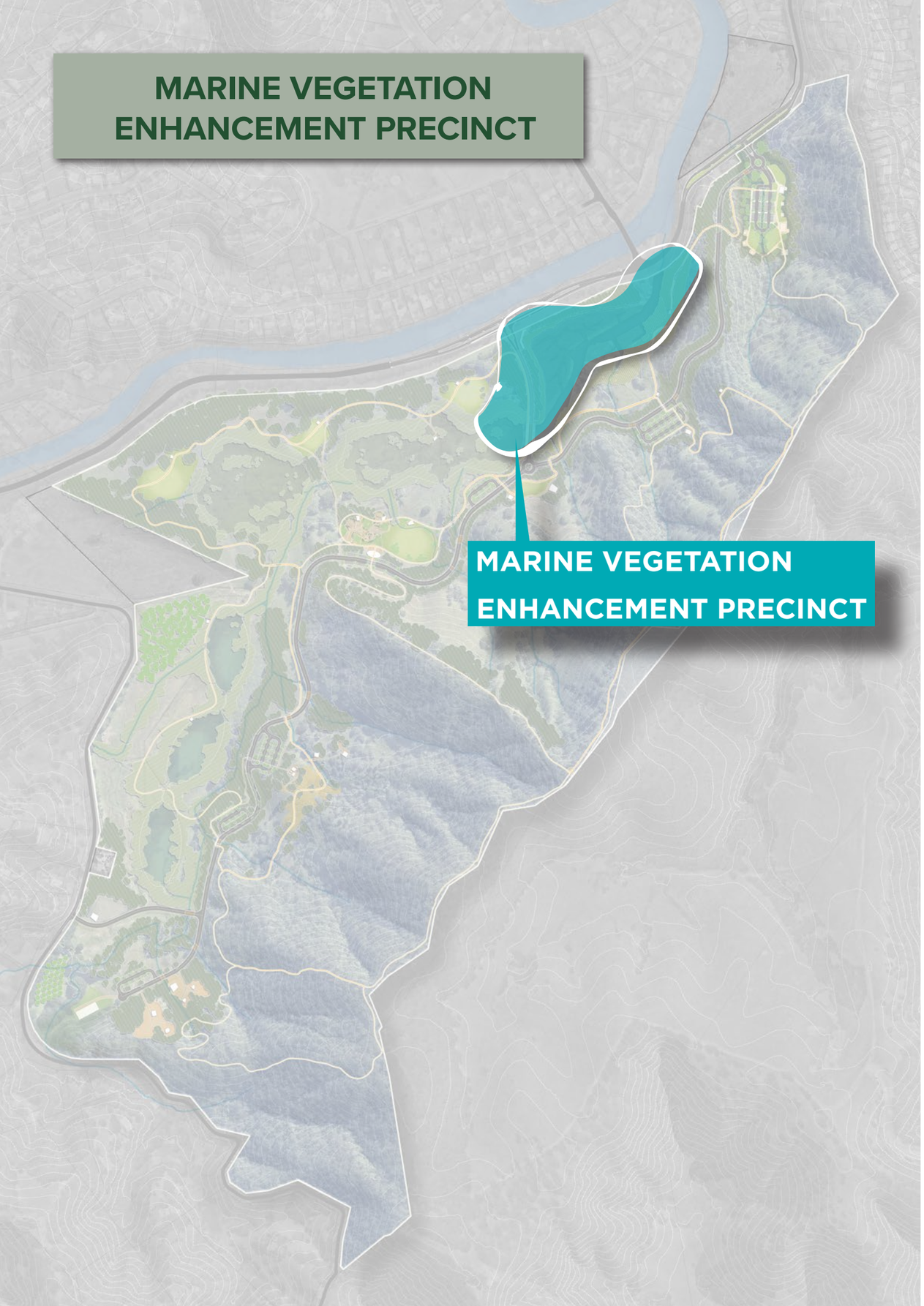




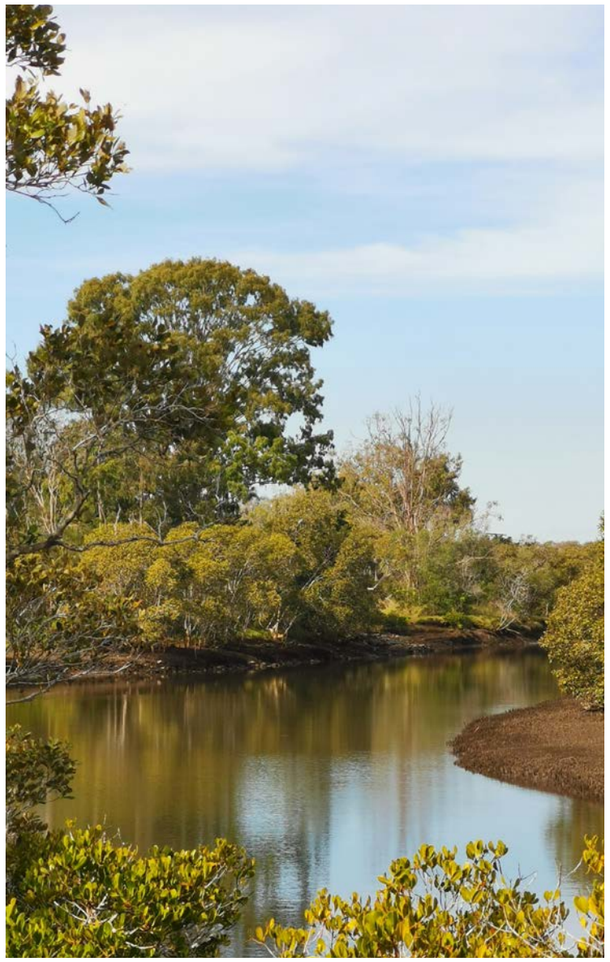




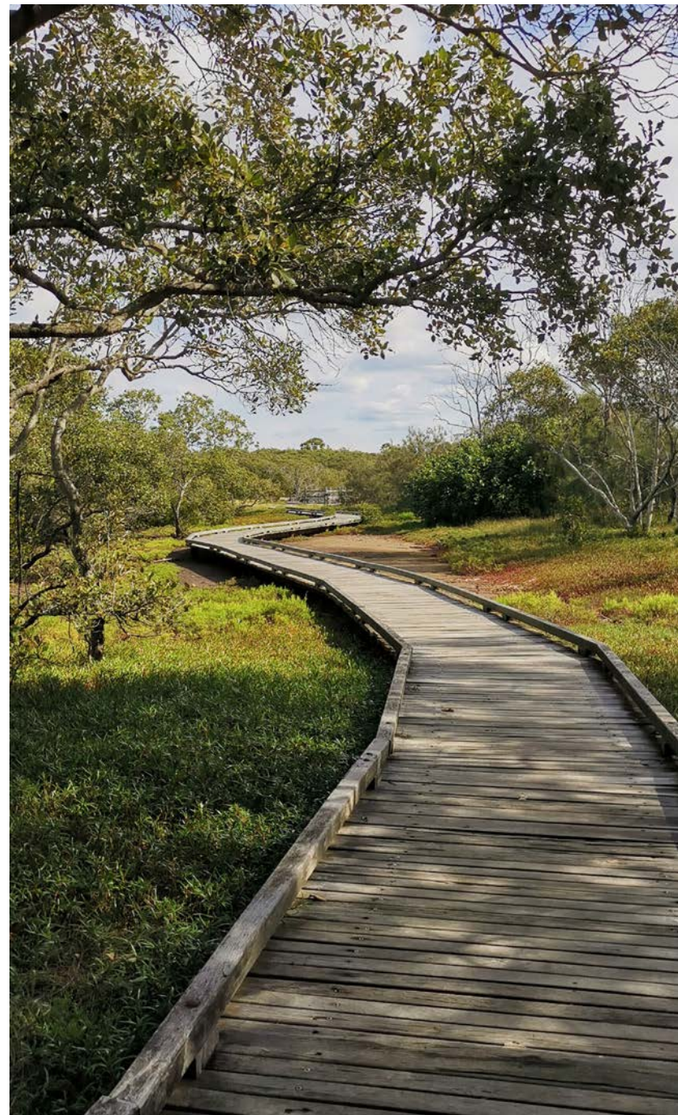

# MARINE VEGETATION ENHANCEMENT PRECINCT





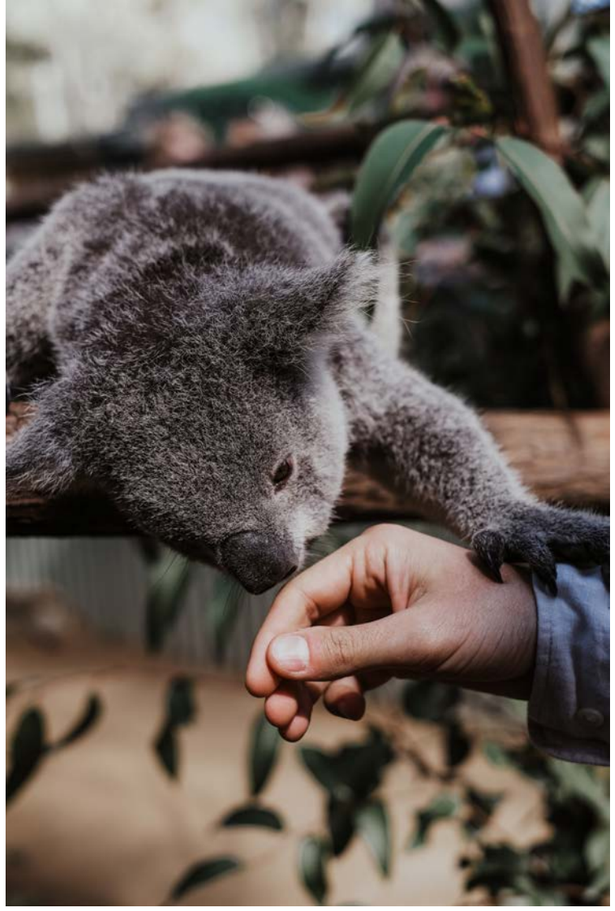


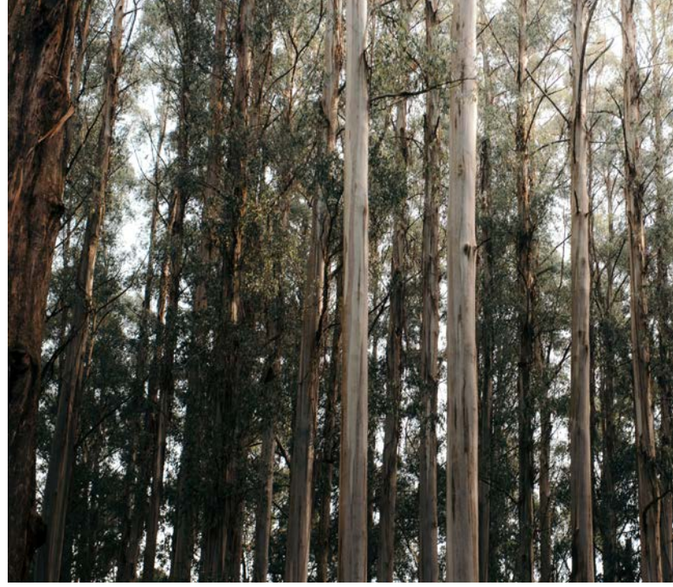


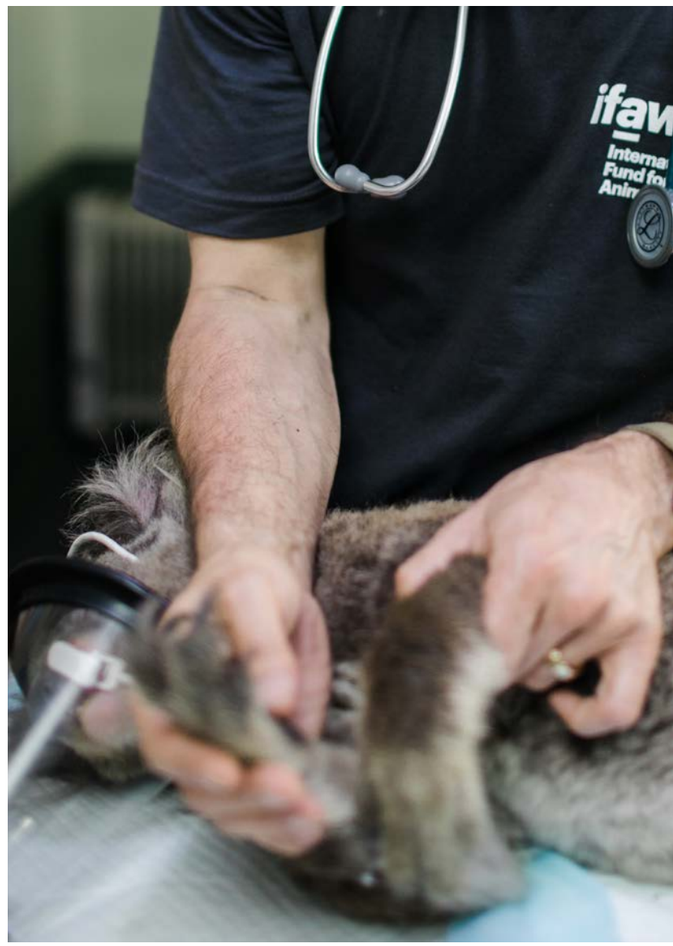


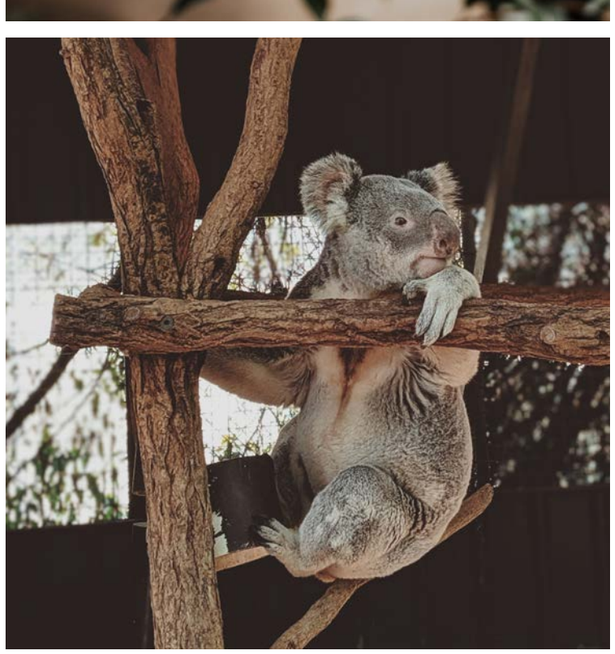
# KOALA REHABILITATION FACILITY











# ACTIVE RECREATION AND EDUCATION PRECINCT















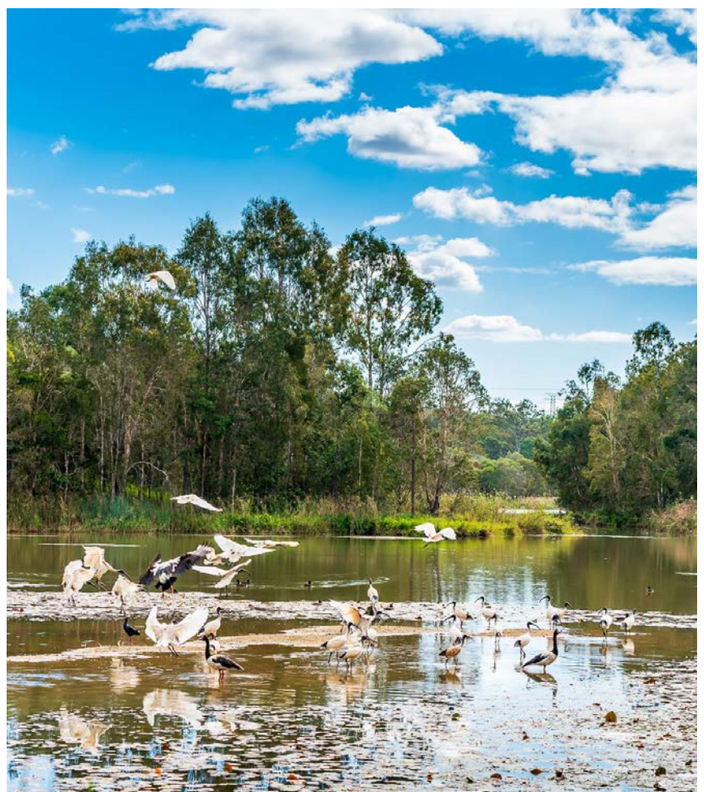

# CREEKSIDE FOREST & EPHEMERAL WETLANDS + WETLAND POOLS PRECINCTS

CREEKSIDE FOREST & EPHEMERAL WETLANDS PRECINCT

WETLAND POOLS PRECINCT

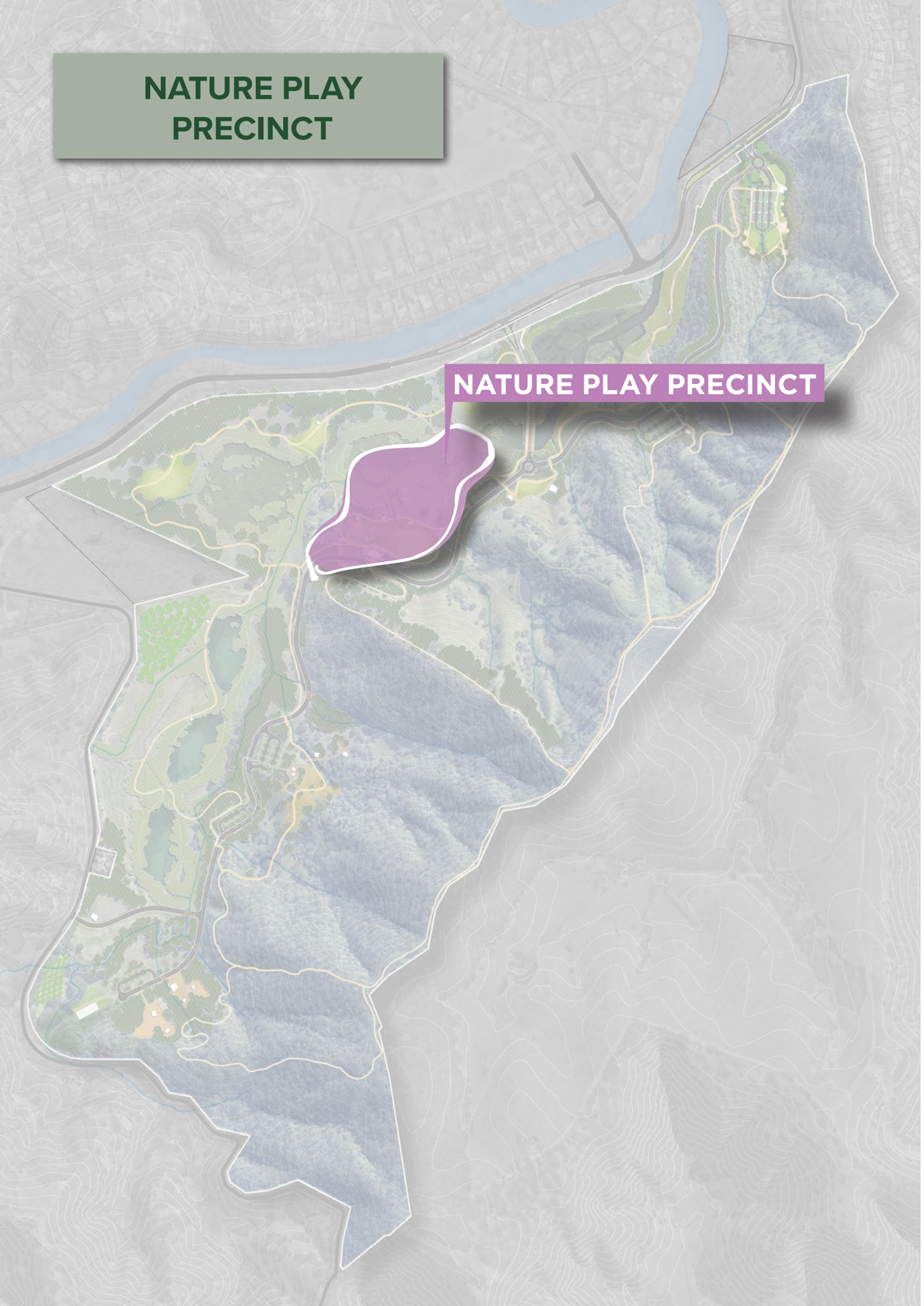






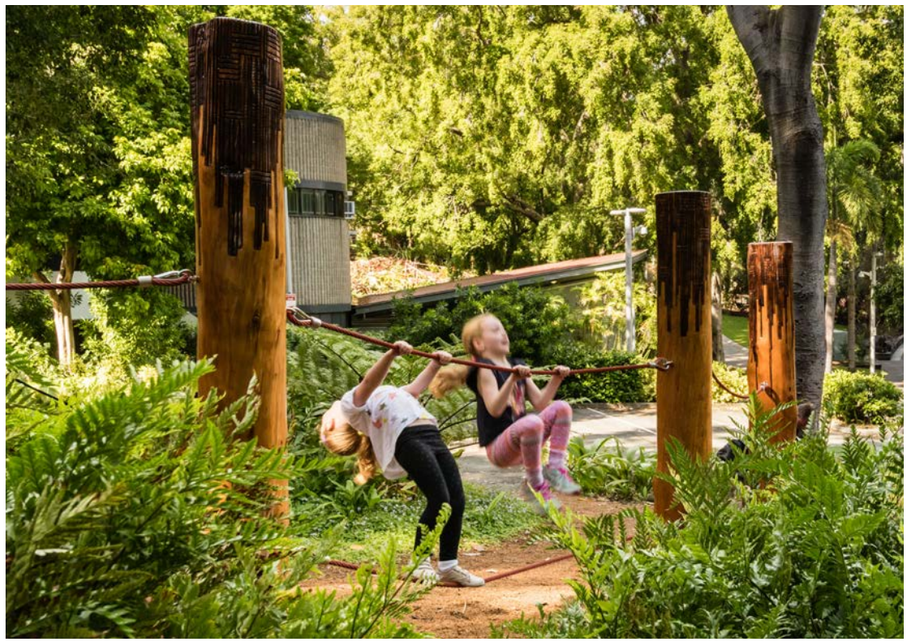


# NATURE PLAY PRECINCT





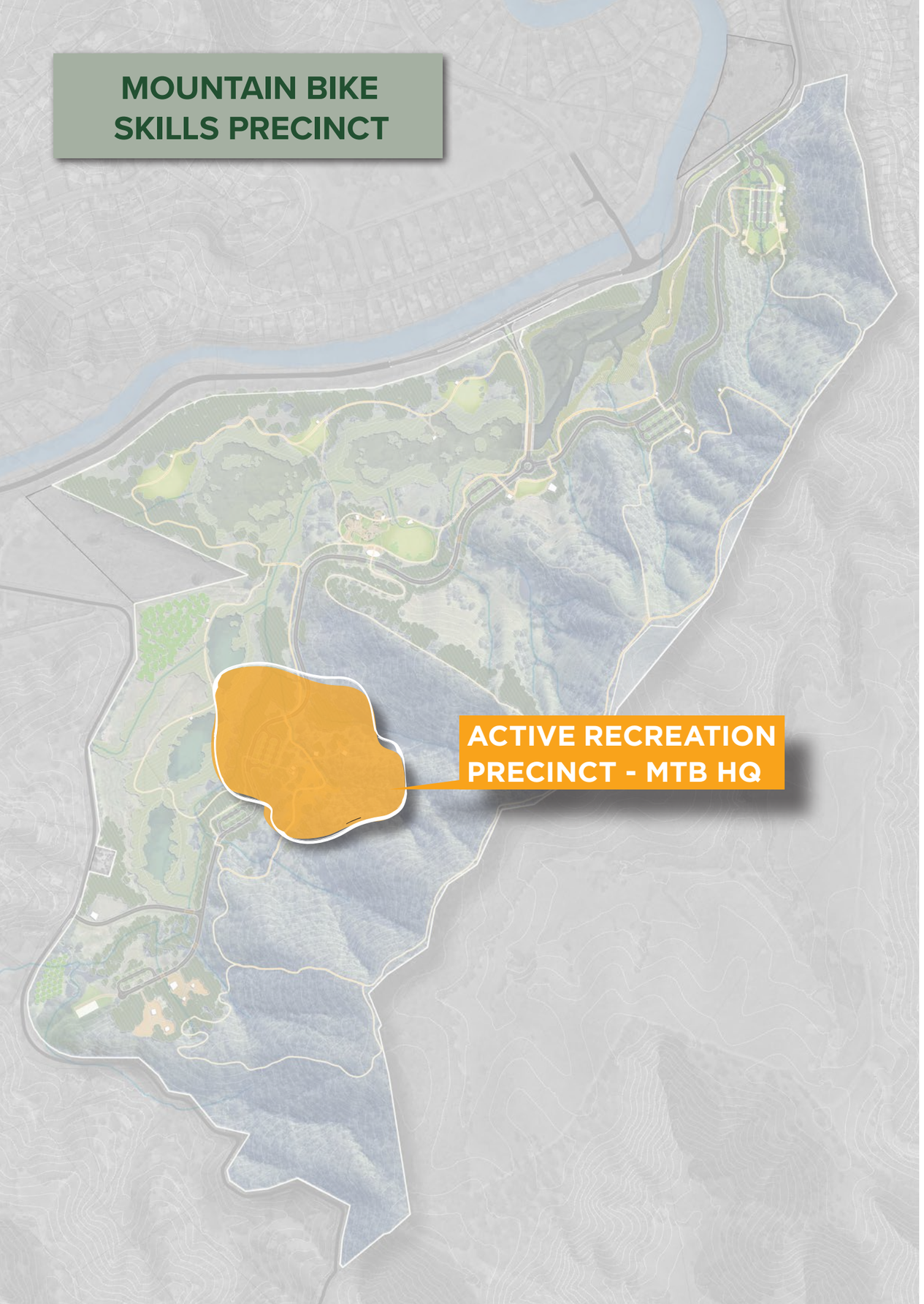








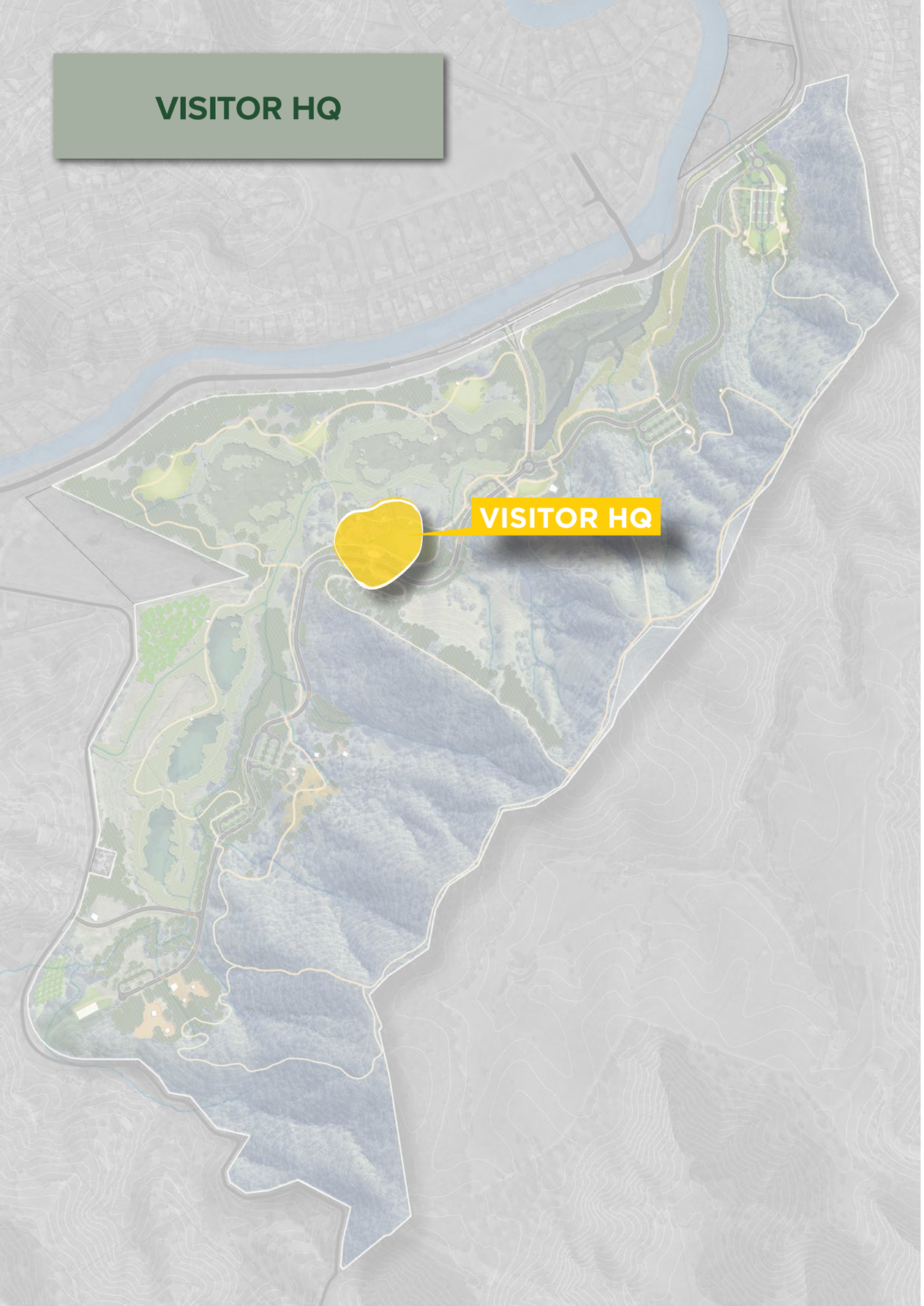

MOUNTAIN BIKE
SKILLS PRECINCT
ACTIVE RECREATION
PRECINCT - MTB HQ










VISITOR HQ
VISITOR HQ







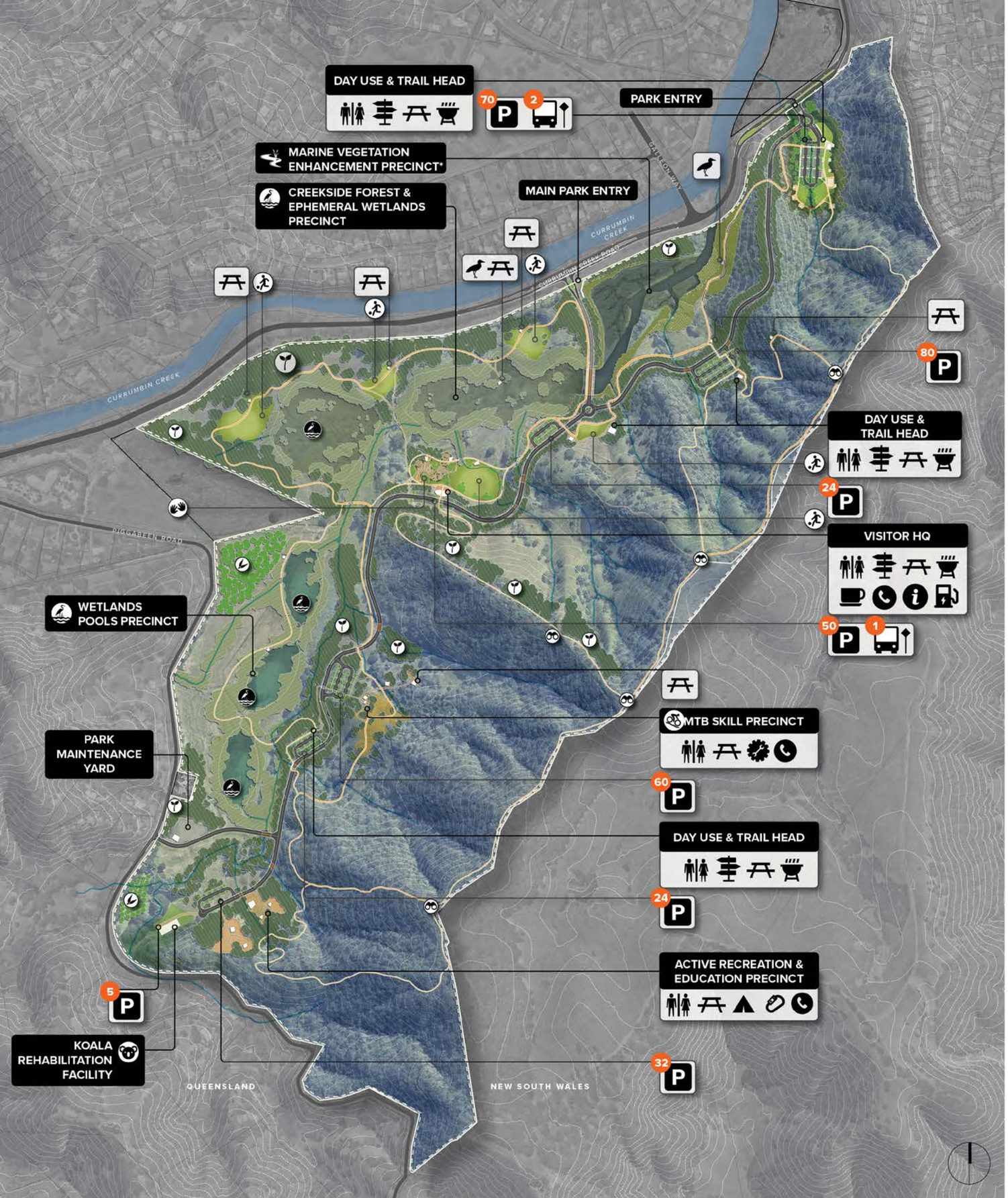






# CURRUMBIN ECO-PARKLAND
## DRAFT OPTIONS PLAN

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

# Clarifications Ahead of Group Discussion