

LAKEFRONT DEVELOPMENT PLAN

20 May 2016





LAKE WANAKA

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Lake Wanaka Lakefront Development Plan

Prepared for:

Queenstown Lakes District Council (QLDC)

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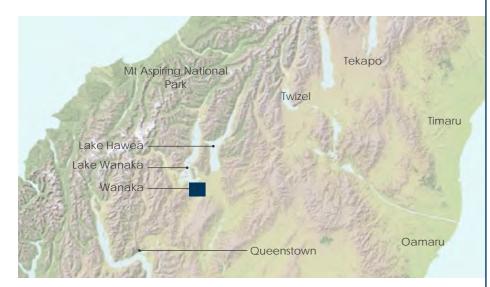


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EXECUTIVE SUMMARY

Wanaka central lakefront is one of the communities most used and treasured assets. Developed over an 8 month period, this report lays out a staged development of the central area of lakefront that spans from the Yacht Club to McDougall Street to the south, a distance of 1.7km. This area encompasses Ardmore St and the lakefront reserve, the town centre, Bullock Creek delta, Lakeside Road, and the boat ramp, parking area and Yacht Club.

enhancing the ecology, providing continuous access, improving landuse and providing a range of facilities and activities.

A three month consultation period provided great feedback and supported the long term aspiration to remove cars from the central lakefront.

The design is based on continuous pedestrian and cycle access along the lakefront with parking restricted to Ardmore St. A separate shared path



alongside Ardmore St connects the south end of the lakefront reserve, along the town centre and up Lakeside Road to Eely Point. The promenade and informal gravel pathways along the lake edge provide opportunities for sitting, gathering and recreating interspersed with deck areas, heritage sculpture gardens and large open grass spaces.

Lakefront car parks are located opposite McDougall St and opposite the town centre, providing a The masterplan is based on four big moves: restricted number of parks to access the lake edge, playground and picnic spaces, town centre and plaza space.

> The plaza is well lit with ample seating and paving interest, a stage for events, an information centre and a village green.

> When first embarking on this project it was anticipated this would be a 20-30 year strategy however the Wanaka Community Board has since realised the aspirational goal of completion in 5-10 years. Construction is planned to be implemented in stages.



PROJECT INTRODUCTION

The lakefront is integral to the Wanaka community & the visitor experience, and is becoming an ever increasing popular place to be.

Following the completion of the Wanaka Lakefront Reserves Management Plan (Oct 2014), Queenstown Lakes District Council (QLDC) has prepared this document for the development of the Wanaka lakefront, with assistance from Reset Urban Design.



Wanaka, May 1951; Whites Aviation WA-28381-F

PROJECT TIMELINE





PLANNING FRAMEWORK

Queenstown Lakes District Council (QLDC)

QLDC Strategic Planning

Wanaka Town Centre Strategy Oct 2009

In 2002 the Wanaka community said they wanted a high quality and functional town centre as part of the Wanaka 2020 community planning exercise, and again in 2007 through the Wanaka Structure Plan review. The community wants to retain and strengthen the role of the town centre as the main commercial and civic heart of the town, while encouraging high quality design and development that compliments the character of the township.

The core vision is:

"A relaxed yet vibrant town centre, well connected to the landscape, where locals and visitors naturally choose to congregate."

Wanaka Town Centre Character Guideline June 2011

Principle values that contribute to the character of the Wanaka Town Centre include:

- The general proportions of public open spaces
- The low scale of developments
- The views to Lake Wanaka and the surrounding mountains
- The clear definition of the edge of the town centre
- The variety of land use activities established within the town centre
- The consolidation, maintenance and enhancement of the existing business area
- The retention and enhancement of the visual image and lakeshore amenity
- The sustainable use of the existing buildings and infrastructure
- Retention of the existing scale, form and intensity of the built form
- Ease of access and circulation for vehicles and pedestrians

Wanaka Lakefront Reserves Management Plan Oct 2014

The purpose of the Reserves Management Plan is to identify the objectives and policies for the management, including protection and development, of the Wanaka lakefront reserves.

The plan separates the lakefornt into character areas by rationalising uses into distinct management zones. This helps to recognise and retain the unique character of the Wanaka Lakefront.

Wanaka Lakefront Masterplan 2016-2022

This project aligns with the previous QLDC strategic documents, and fits within the objectives of the Wanaka Lakefront Reserves Management Plan, Oct 2014.

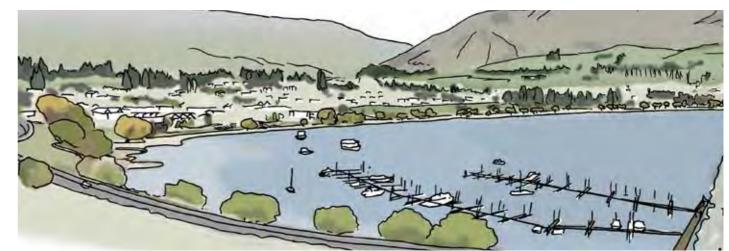
Recognising the unique character of the area and how it informs the different recreational uses of the lakefront, the project provides a well balanced landscape with continuous pedestrian access to the lakefront and maximises its amenity and visual values. This page has been intentionally left blank

"Creating a park environment around the central lakefront."

SITE ANALYSIS KEY POINTS

Aspiration:

To provide continuous pedestrian access, making strong connections with the town centre, reducing vehicle use in the town centre, hosting a range of activities & enhancing the ecology throughout.









Magnificent scenery

Large scale

Soft edge Accommodates a range of activities









Dominance of parking along lake edge

Lack of continuous access for pedestrians

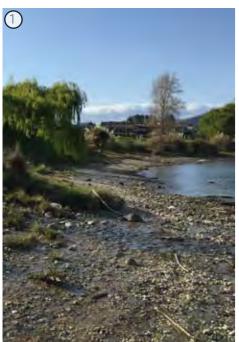
Disconnected from town centre

Poor ecology - highly modified

SITE CONSTRAINTS

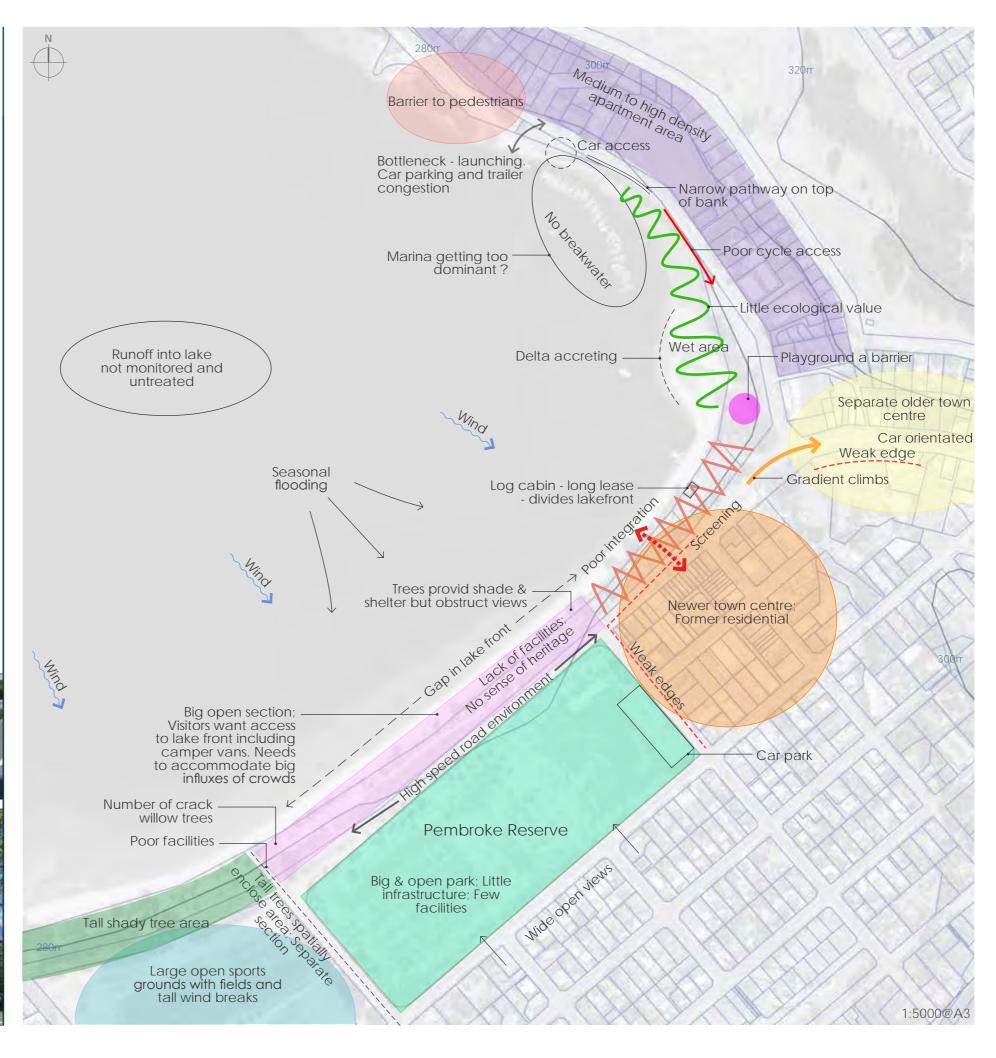
Key Points

- Provision for continuous pedestrian access is poor and inconsistent
- No monitoring of ecological value along lake edge between Marina and Bullock Creek delta – water quality, habitat and diversity
- 2 Dominance of unrestricted provision for motor vehicles along lakefront reserve
- Town centre is screened and cut off from lakefront
- Lakefront is poorly linked to surrounds in all directions
- O General lack of facilities many in poor repair
- Little heritage dimension
- Lack of information and way finding









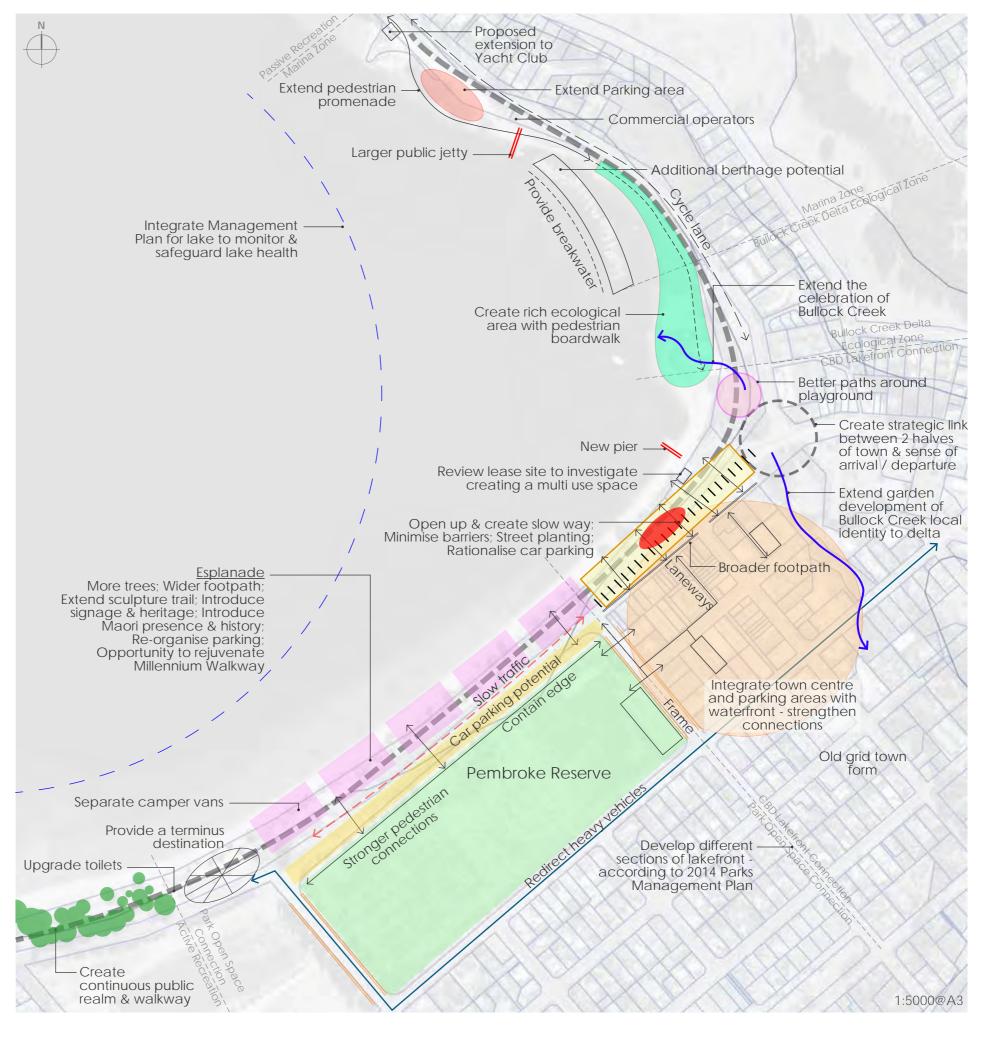
SITE OPPORTUNITIES

Key Points

- ① Extensive lakefront edge and large scale retains potential for range of development options
- 2 Celebrated open and informal edge to the lake
- Town centre faces the lake edge opportunity for improved integration & pedestrian links
- Great views of the broader landscape from along the site







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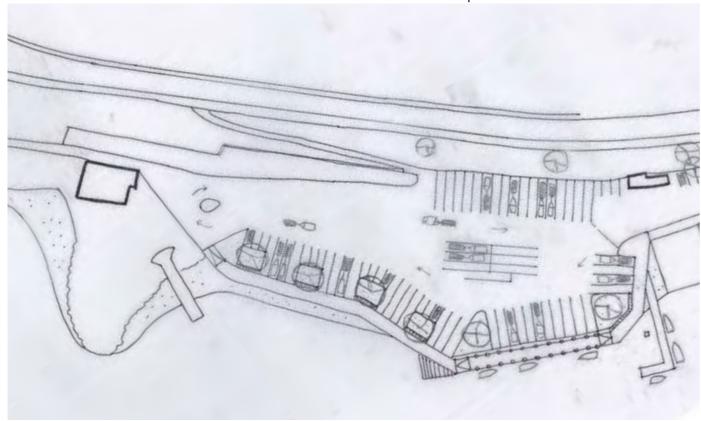
MASTERPLAN & AREA PLANS

DESIGN PROCESS

This report cumulatively outlines a series of steps in the This Masterplan concept offers a functional design process starting with the site introduction and landscape that is comprehensive yet simple and review of previous work, site analysis, identification of robust. It retains and enhances the existing lakeside opportunities and constraints, as well as outlining the character but addresses core issues by rearranging big moves that were extracted from the analysis and car parking, creating continuous walkways and benchmarking phase.

Initial concepts were generated and tested on the ground before a draft masterplan was then presented to the public across a three month consultation period.

shared paths, introduces new facilities such as the village green, and enhances the ecology with stormwater treatment and increased native plantings.



Yacht Club parking area sketch



Consultation - Drop in session for Town Centre options

DESIGN

FOUR BIG MOVES

1. Restore & develop **ECOLOGY**



KEY

Bullock Creek ecological enhancement

Native revegetation planting along Marina edge

→ Stormwater runoff treatment

Lake health enhancement

Fish & bird habitat creation along lake edge between Marina & Bullock Creek delta

Interpretive signage

Greater biodiversity planting along lake edge







2. Provide continuous ACCESS



KEY

Continuous pedestrian / cycleway promenade around lakefront

Traffic calming along Ardmore Street

Pedestrian crossing thresholds

Pedestrian priority between Dungarvon & Helwick Street

Rationalise parking areas

Relocate parking to along edge of Reserve to Ardmore Street

Comparison

Defined cycleway alongside Lakeside Road







* all images on this page are illustrations only

DESIGN

FOUR BIG MOVES

3. Improve **LANDUSE**





----- Create a series of precincts along the lakefront with defined use and character

Create a new town green and plaza orientated between the lake and buildings

Possibility to expand marina for additional berthage

Incorporate existing parks









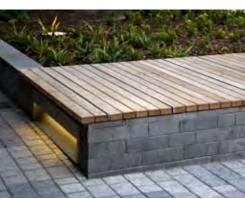
4. Provide a range of **FACILITIES**





- ■ Enhance or create lakefront facilities
 - Provide a new town pier
- Marina & Yacht Club upgrade / addition
- Expand playground
- Lakefront heritage gardens
- Ecological lookouts and signage
- Providing a destination at southern end of lakefront
- ←→ Heritage sculpture trail







* all images on this page are illustrations only

CONSULTATION

Out of the six proposed options for the Wanaka Town Centre, which ones do you like the most?

Response	Chart	Percentage
Option 1		11.8%
Option 2		29.4%
Option 3		14.7%
Option 4		47.1%
Option 5		17.6%
Option 6		17.6%
None of the above.		11,8%

Community consultation - preferred options



Town Centre-Option 4 initial sketch

Interest Groups Consulted

Te Kakano Trust
Lakeland Adventures
Wanaka Yacht Club
Wanaka Residents Association
Wanaka Chamber of Commerce
Guardians of Lake Wanaka
Wanaka Bakpakas

Wanaka Marina Lakeview Apartments Lake Wanaka Tourism Wanaka Community Trust Light Up Wanaka Farmers Market Craft Market John Darby (Grebes) Kāti Huirapa Rūnaka ki Puketeraki and Te Rūnanga o Ōtākou Relish Café Aspiring Jewellers Racers Edge Millennium Pathway Project Internal
Wanaka Community Board
Harbourmaster
Transport Planning
Infrastructure Projects
Parks / Horticulturist

Consultation Process

Queenstown Lakes District Council have committed to public engagement for the Wanaka Lakefront Masterplan - seeking input from many voices in the community, hosting open days and forums, inviting open and direct conversations, and encouraging participation through the council website. This engagement is needed to ensure new development along Wanaka's lakefront and town centre edge fulfils the community vision and adds quality to Wanaka.

TURNING COMMENTS INTO CONCEPTS

During the initial draft design phase, special interest groups contributed feedback and ideas. The resulting draft masterplan, including six options for the arrangement of the lakefront opposite the town centre, were presented to the broader public from January through to the end of March. Council hosted a series of public meetings, workshops, and open days. The strong themes and ideas that emerged were noted by many, showing that the community were in general consensus regarding the future design and development of Wanaka's public spaces. Noted are some of the main themes and ideas that emerged. On the attached plan is noted the areas of comment.

IDENTITY - Developing on the strong natural local identity and character

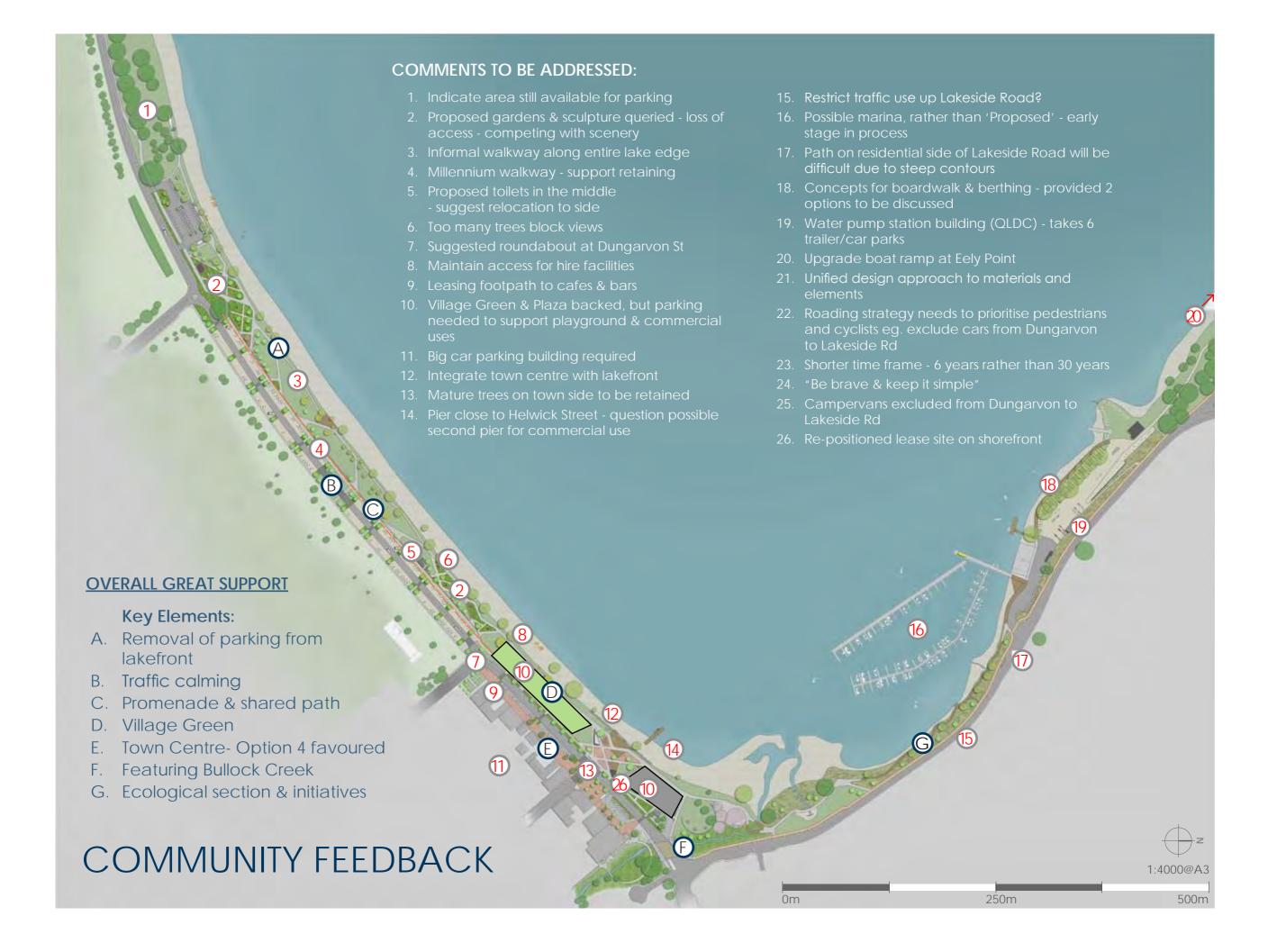
CONNECTIVITY - Retaining and enhancing safe pedestrian & cycling access along the lakefront reserves

PARKING - Remove informal parking along lake reserve edge, but still providing easy access and ample parking facilities along Ardmore Street

REMOVE CARS - Long term aspiration to reduce vehicle use within the town centre

SUSTAINABILITY & ECOLOGY - Encourage sustainable growth within both public and private development. Celebrate & enhance ecological areas along the lakefront - especially around Bullock Creek

PUBLIC SPACE - Provide an area of open space for large gatherings and events opposite the town centre



YACHT CLUB AREA



The Yacht Club area includes the often busy boat trailer parking area, timber boardwalk, public toilets and small commercial jetty and breakwater, and the existing boat ramp.

Improved parking facilities and boat ramp fulfil the needs of the recreational boat users and commercial operators. A shared path and continuous lakefront walkway provide the crucial link around the parking area to link to the existing trail to Eely Point.

Refer to two options in the appendices - these have been developed with the various user groups to explore possible layouts to optimise parking, pedestrian thoroughfare and berthing. Subsequent project staging will confirm a preferred layout.

Lakesid Sharec





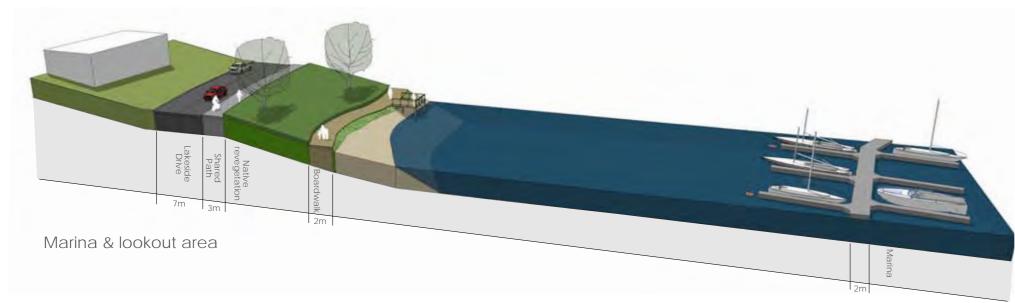
Public jetty - illustration



MARINA AREA



Marina, boat ramp & Yacht Club parking



The marina area includes the proposed public pier and marina, the 2m wide ecological boardwalk and lookout areas that extend down into the Bullock Creek delta. A 3m shared path runs along the west side of Lakeside Rd to provide a direct cycle and walking route.

This relatively narrow area is 300m long, and is an important ecological area is enhanced and celebrated by removing weed species and replanting the banks with native vegetation. Providing lookouts and interpretive signage helps to inform people in local flora and fauna, such as the grebe bird floating nests and native revegetation species.

The existing community spring feature has been incorporated into the new lakefront promenade.



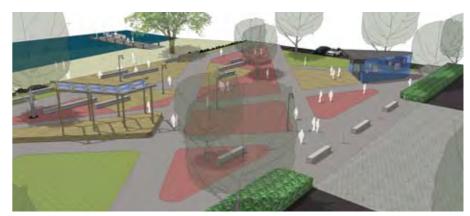
Ecological boardwalk - illustration



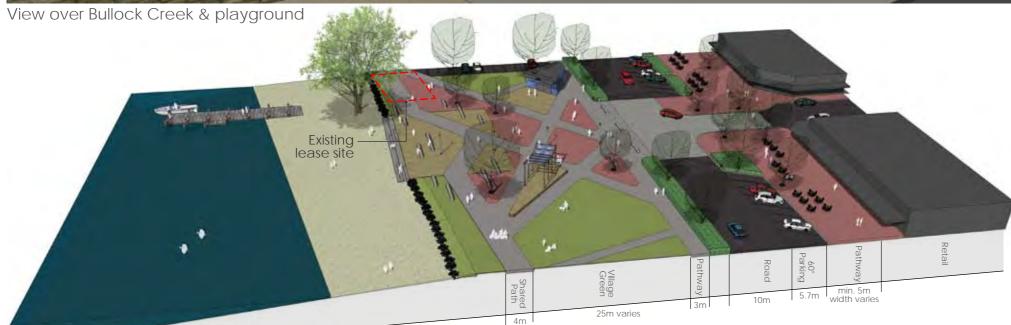
BULLOCK CREEK & TOWN CENTRE AREA



The area runs from Bullock Creek delta to the Village Green opposite Helwick Street. The crucial link between the main roads, the town centre and the lakefront is strengthened by a walled bridge entrance feature and riverside planting along Bullock Creek. A widened promenade and retail strip along Ardmore St ties in with the proposed parking area, which provides access to the existing playground and toilets. A broad town plaza features a repositioned lease site, lighting, seating, and a covered stage area for events.



Town Plaza



Town Plaza & pier



Town Plaza & lakefront



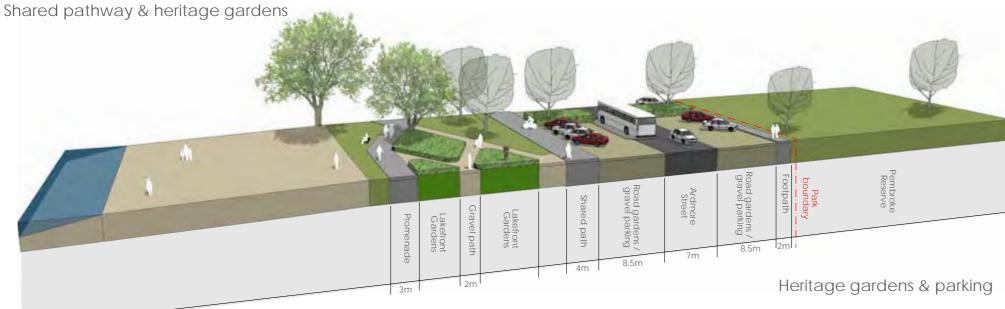
VILLAGE GREEN & HERITAGE GARDEN AREA



Located next to the town plaza opposite Helwick St, the 3000m² village green is an open lawn area for events and gatherings. The area includes a lakefront pedestrian promenade, shared path, heritage gardens and gravel parking along Ardmore St.

Crossing points are provided along Ardmore St, with roadside gardens and street tree planting, located intermittently with gravel parking areas.

Heritage gardens, incorporating sculpture and feature planting, are located to enhance the landscape setting and provide seating and shelter along the lakefront. Irrigation of public gardens will be part of the maintenance plan. Gravel paths continue the existing informal walking track along the length of the lake edge reserve, while the willow and kowhai trees remain a prominent feature of the lakefront.





Heritage gardens & sculpture - illustration



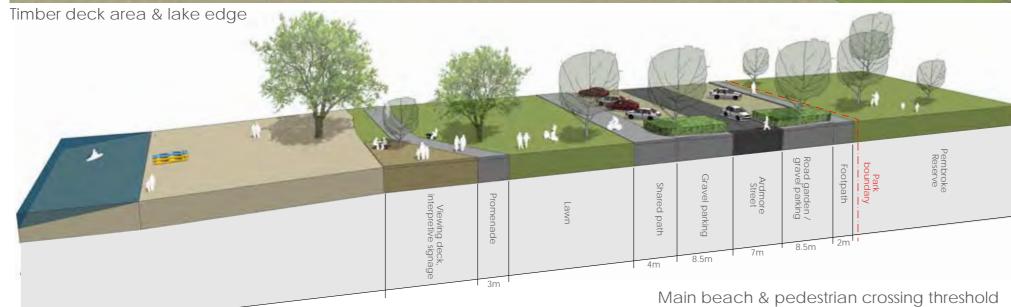
MAIN BEACH AREA



The main beach area is a large open lakeside reserve.

Along this section of lakefront are large open lawn areas that reflect the current character of the Wanaka lakefront, with an informal gravel track running along the lakefront linked to a meandering 3m wide promenade walkway and a 4m shared path next to the gravel parking areas on Ardmore Street. Specimen trees are dispersed around the lawn areas to provide shade and create a soft landscaped edge between Ardmore Street and the lake.

This section of lakefront is where most of the parking along the street is located, with Pembroke Reserve on the other side. The wide parking strips cater for motorhome parking also.





Large lawn areas & gravel car parking



SOUTH BEACH AREA



Enclosed by the tall trees and shelter belt, the south beach area opposite McDougall Street, is a bookend to the lakefront. It provides a lakefront carparking area, a public toilet block and an area of additional informal parking under the large existing trees south of McDougall Street.

There is a small diving pier, BBQ facilities and a picnic lawn, also there is space for a food truck and kayak hire facilities.

The heritage gardens have sculptures and feature trees, with gravels paths and seating in between. The public gardens will be irrigated as part of the maintenance plan.

Heritage gardens, sculptures & BBQ area

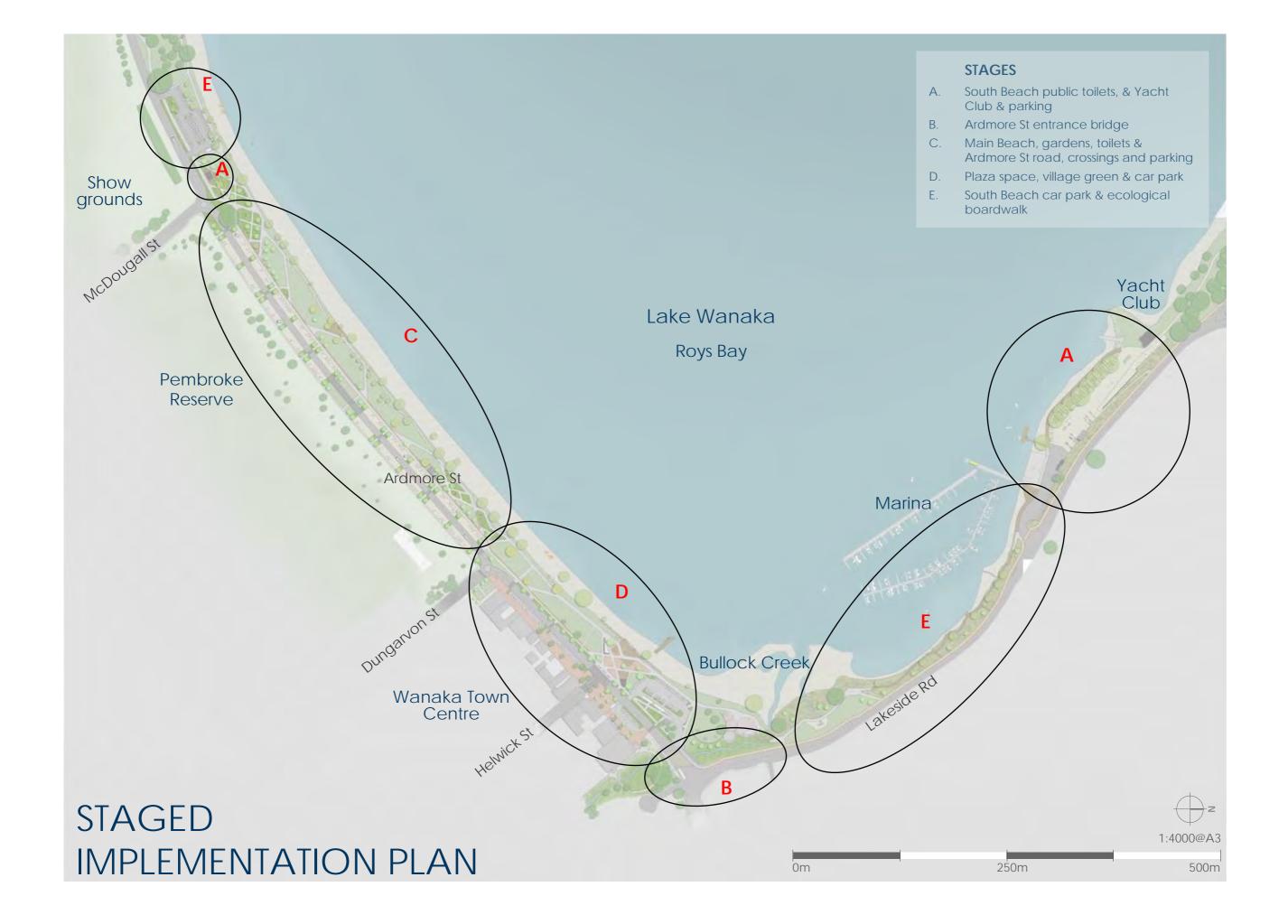




Food truck - illustration



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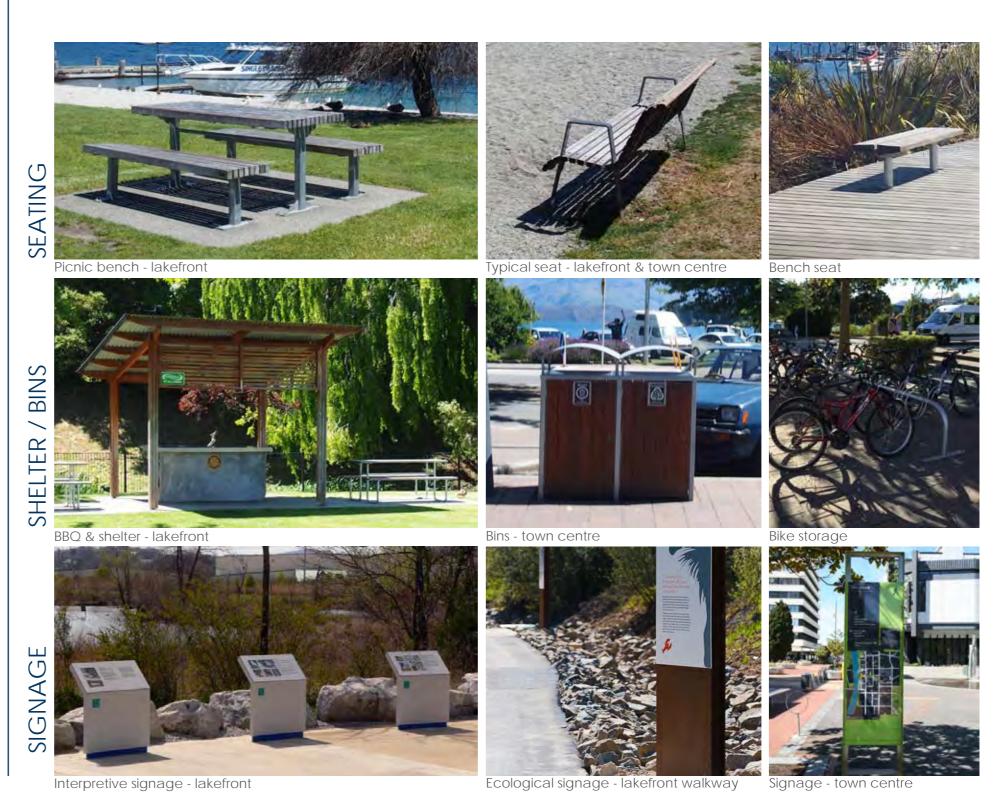
MATERIALS

FURNITURE

There are currently a number of varied furniture elements along the lakefront.

It is proposed to unify the furniture into a restricted range, based on the most recent and robust elements already present, using simple hardwood and galvanised steel.

Signage will be introduced to aid way finding and provide heritage and ecological information.



SURFACING

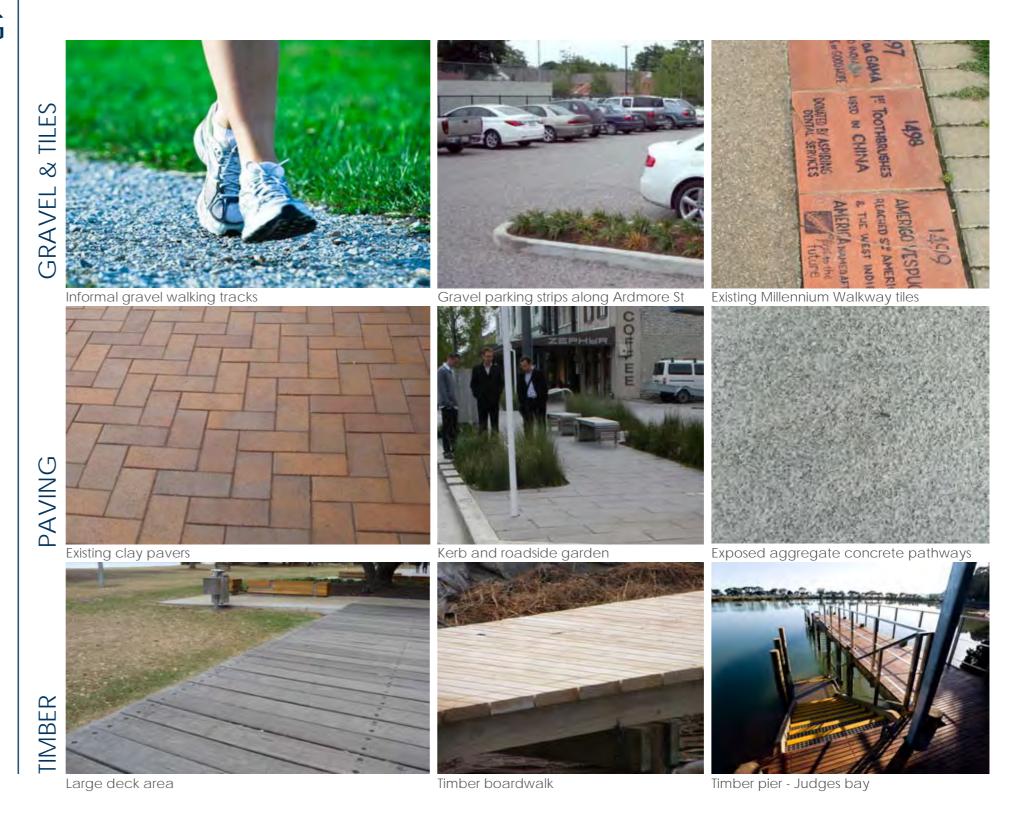
Most of the surface of the lakefront will remain in lawn. Porous gravel areas will form lake edge paths and car parking areas.

Recognising the significance to the community of the Millennium Walkway, it is proposed that the printed tiles will be individually recorded and uplifted to be placed into the 4m wide shared path. The relocation and replacement of any damaged tiles will be in coordination with the community.

The promenade and shared path will be formed in exposed aggregate concrete for a robust and smooth surface.

Unit pavers are proposed ion the areas of high pedestrian use along the town centre and plaza.

Hardwood timber will form the deck, pier and boardwalks.

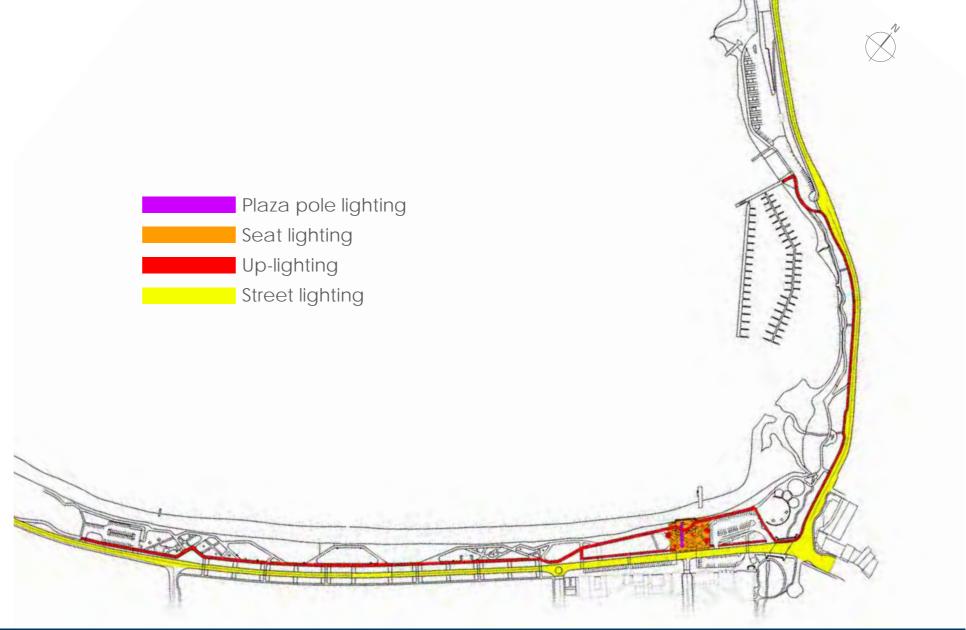


LIGHTING PLAN

The lighting strategy for the town centre and lakefront is to light the streets, promenade and shared path, town centre, plaza space and village green area. These areas are open and will be safe for the public to use.

The boardwalk and lake edge will not be lit as these areas are seen as unsafe and people should be discouraged to use these areas after dark.

The lighting strategy uses a combination of LED lights including street lights, up-lighting along the promenade and shared path, pole lighting and feature seat lighting in the plaza. Also possible lighting boxes in feature areas like the town plaza.





PLANTING PALETTE

SUGGESTED SPECIES	COMMON NAME	AREA
	Street Trees & Pl	anting
Sophora microphylla	South Island Kowhai	
Quercus 'Fairlie'	Oak variety	
Pyrus calleryana	Ornamental Pear	
Acer platanoides 'Autumn Red'	Norway Maple	
Coprosma crassifolia	Coprosma	
Sophora prostrata	Dwarf Kowhai	
Banksia Rose	Banksia Rose	
	Lakefron	it Trees
Sophora microphylla	South Island Kowhai	
Cordyline australis	Cabbage Tree	
Malus Crabapple 'Arrow Gold'	Crabapple	
Griselinia littoralis	Broadleaf	
Salix babylonica	Weeping Willow	
Salix chrysocoma	Golden Weeping Willow	
Fraxinus velutina	Claret Ash	
	Lakefront Ga	ardens
Astelia 'Silver Spear'	Astelia	
Hebe hulkeana	Hebe	
Pachystegia insignis	Marlborough rock daisy	
Dry garden species	varied	
	Bullock Creek Pl	anting
Sophora microphylla	South Island Kowhai	
Nothofagus species	NZ Beech	
Cordyline australis	Cabbage Tree	
Acer species	Maple	
Liriodendron tulipfera	Tulip Tree	
Quercus species	Oak	
Betula species	Birch	
	Lakeside Road Reveg	etaion
Sophora microphylla	South Island Kowhai	
Leptospermum scoparium	Manuka	
Carex secta	Purei	
Carex virgata		
Carex spp. (other)	Carex species - mixed	
Pseudopanax crassifolium	Lancewood	
Cordyline australis	Cabbage Tree	
Phormium	NZ Dwarf flax	



Oak Quercus 'Fairlie'



Flowering rock garden - dry

PLANTING



Kowhai Tree Sophora microphylla (South Island)



Streamside native Roadside gardens planting



Willow Tree Salix babylonica (or fragilis)





Norway maple Acer platanoides



Fraxinus velutina



Garden-style planting



Native flax & grasses

* All public gardens will be irrigated to maintain plant health

APPENDICES



SITE ANALYSIS

PROMENADE SKETCHES

TOWN CENTRE OPTIONS

YACHT CLUB PARKING OPTIONS

SITE ANALYSIS

The analysis areas stem from the activity zones outlined in the Wanaka Reserves Management Plan, Oct 2014, and represent the character areas that are used throughout this document.

Analysis is separated into four categories; Ecology & Vegetation, Access & Circulation, Landuse, and Facilities & Recreation, each represented by a different colour:

Ecology & Vegetation

Access & Circulation

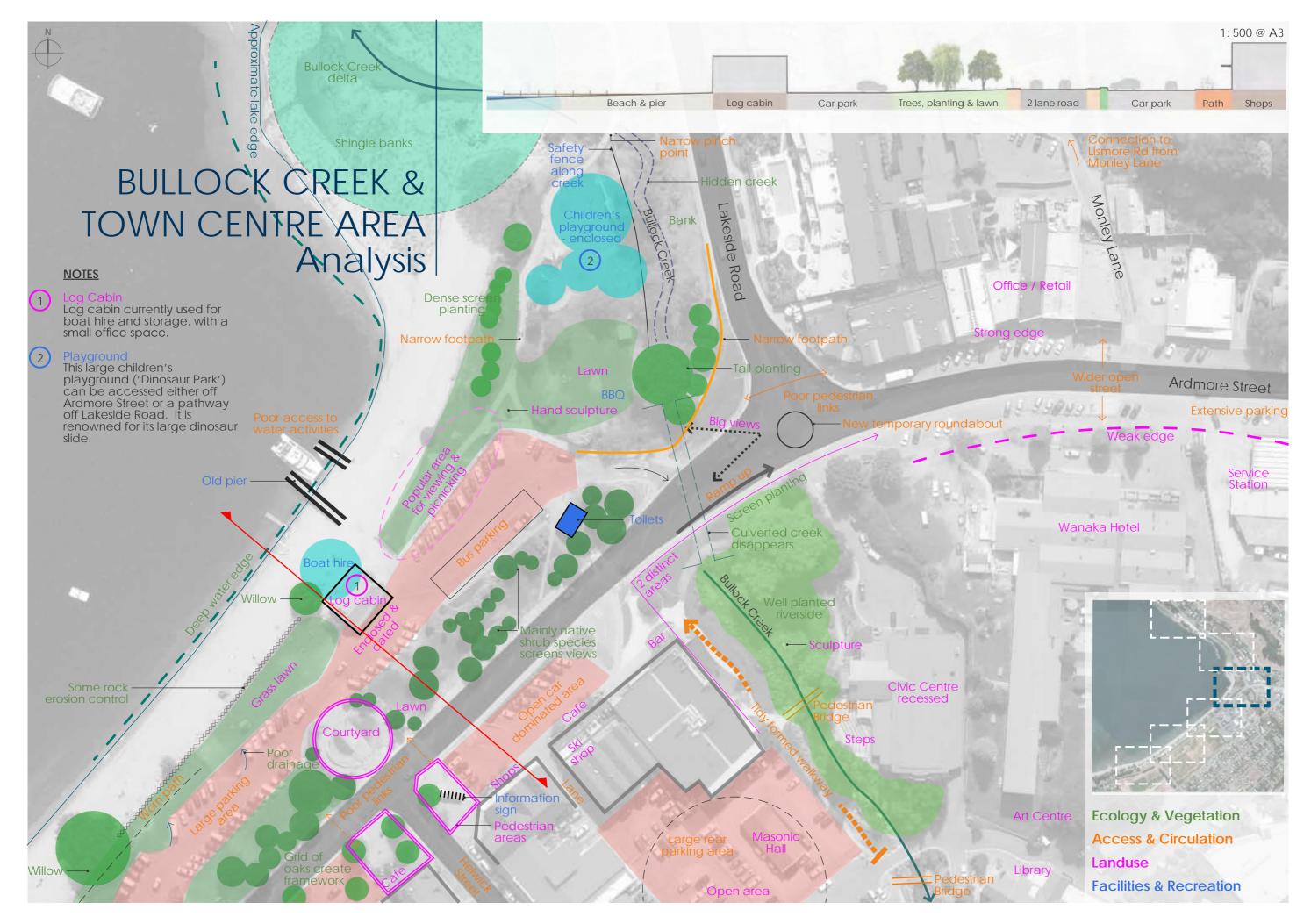
Landuse

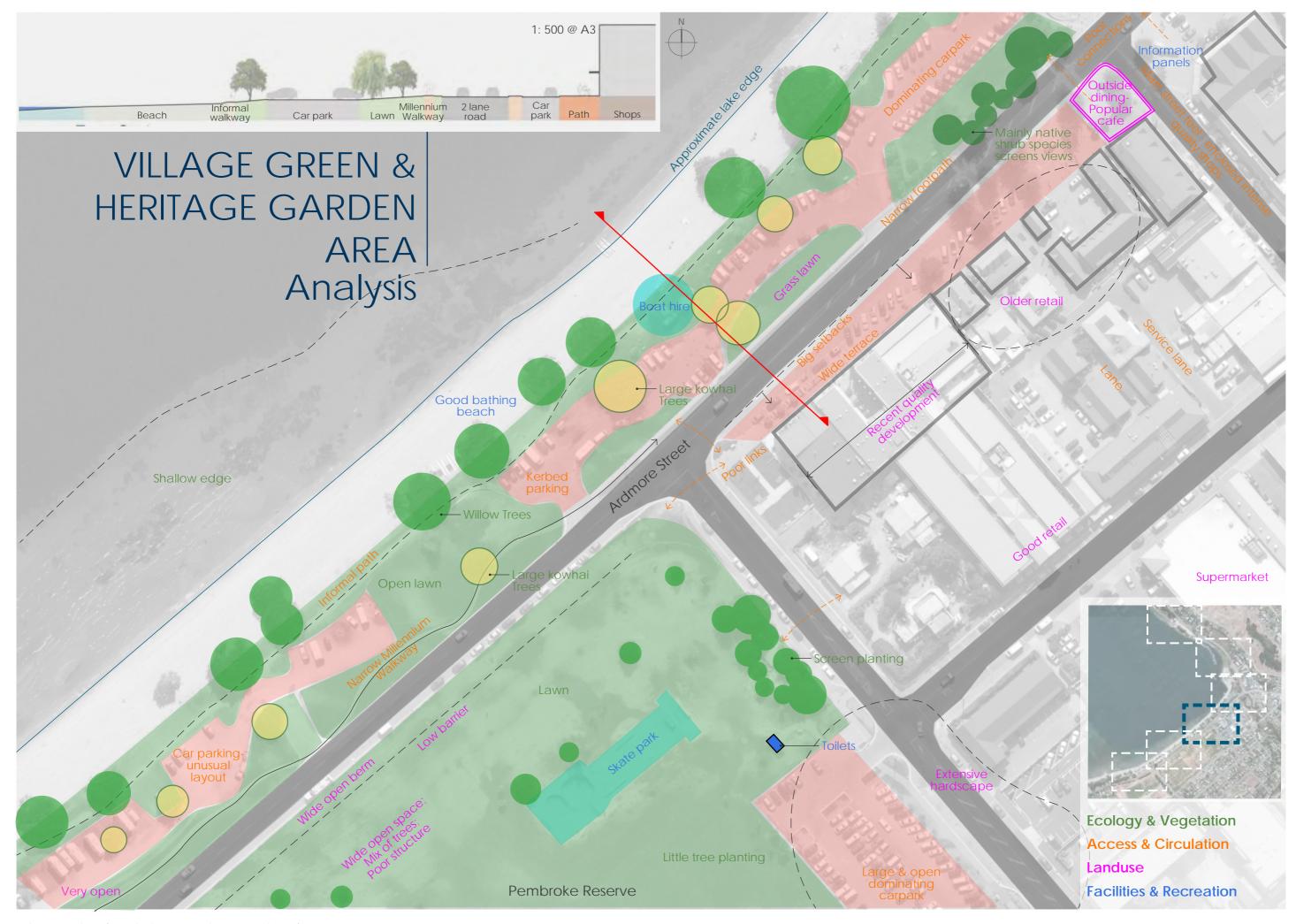
Facilities & Recreation

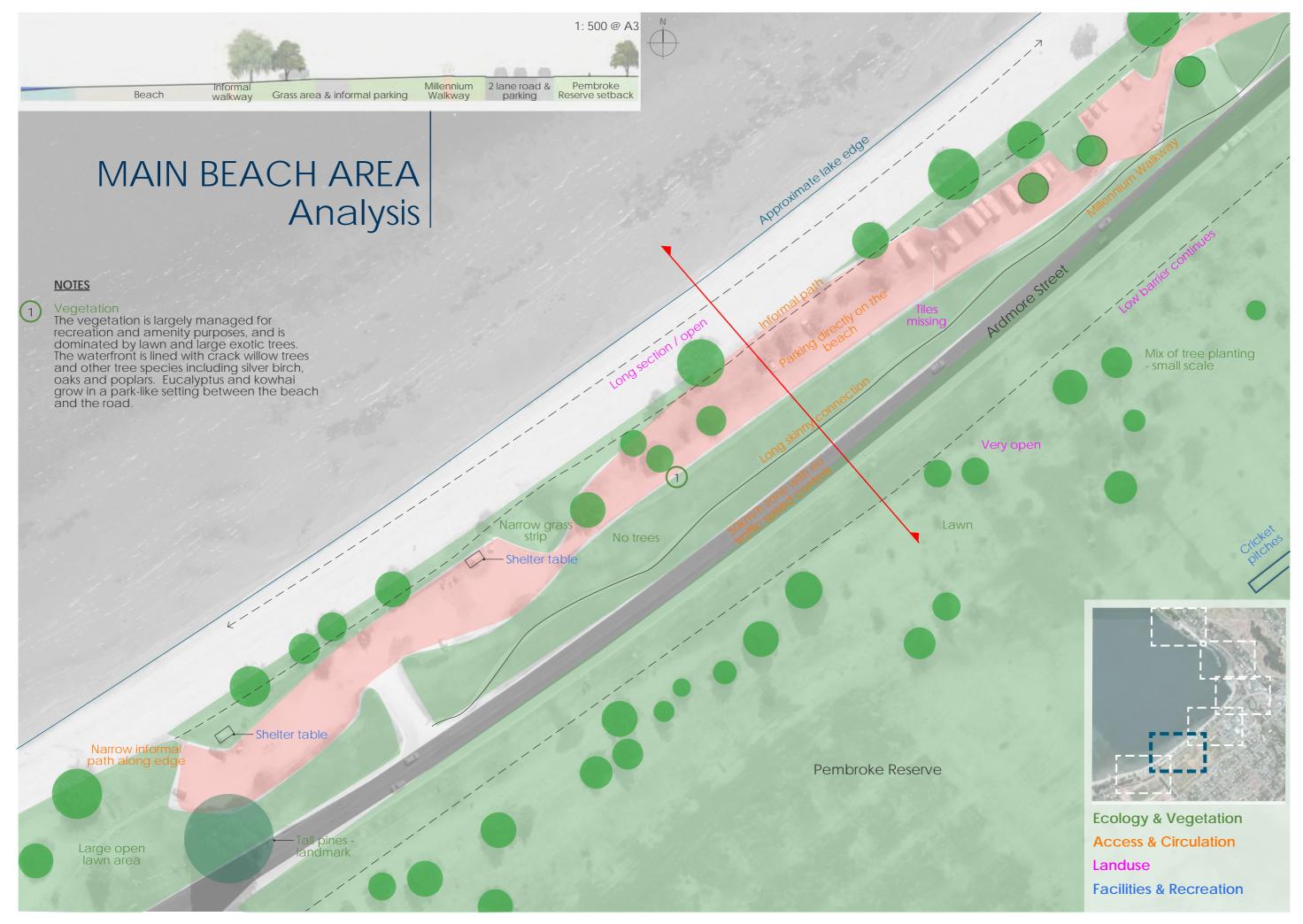


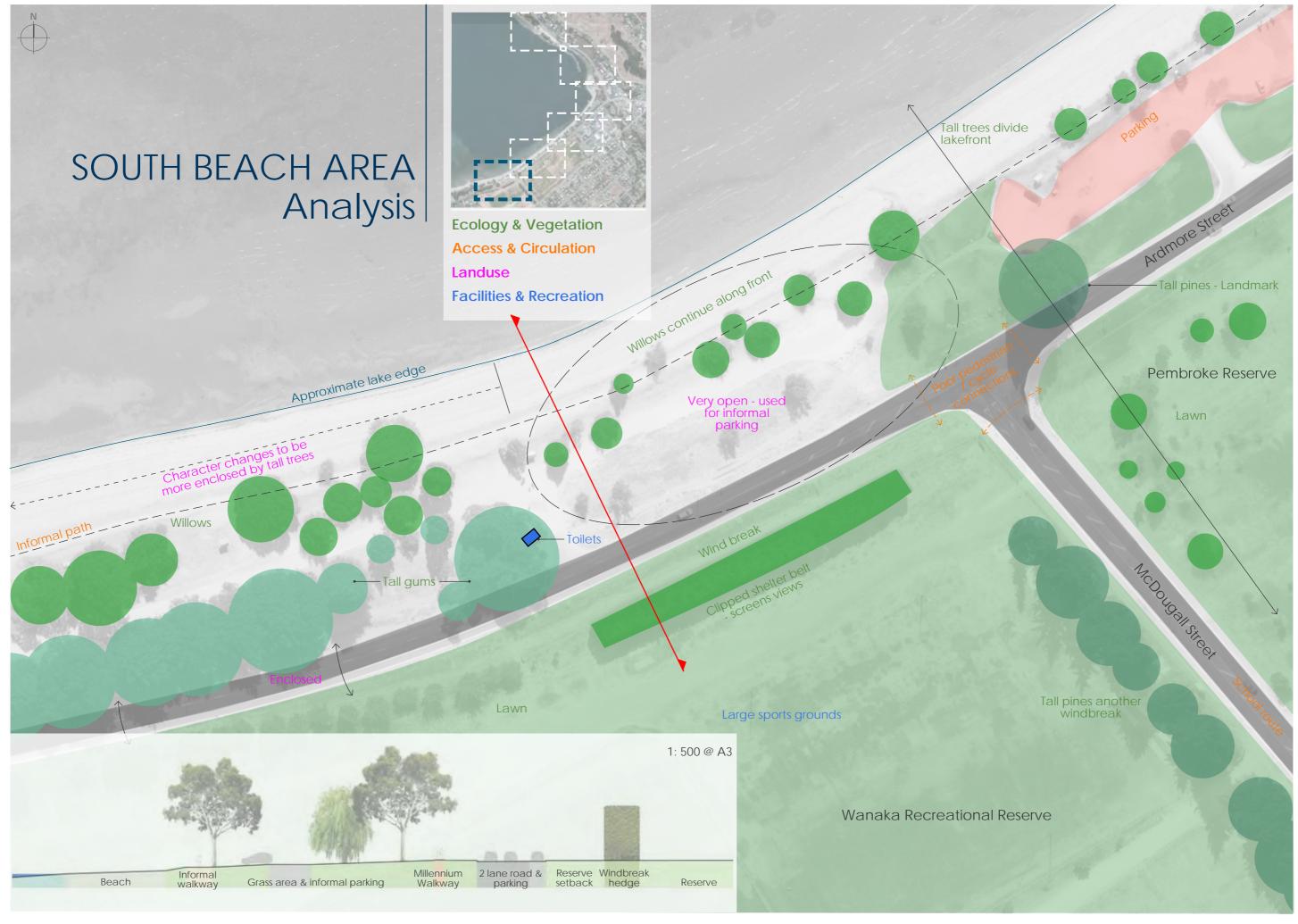












OPTIONS

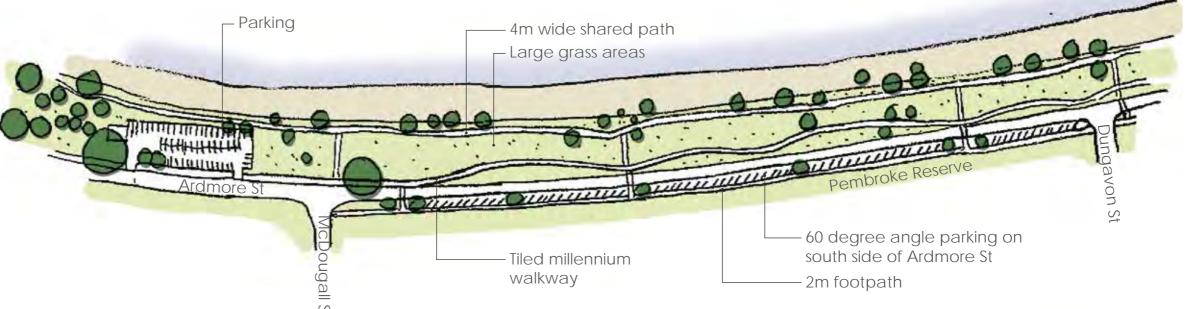


PROMENADE SKETCHES | Alternative layouts

Minimal Option

Keeping the Millennium walkway;

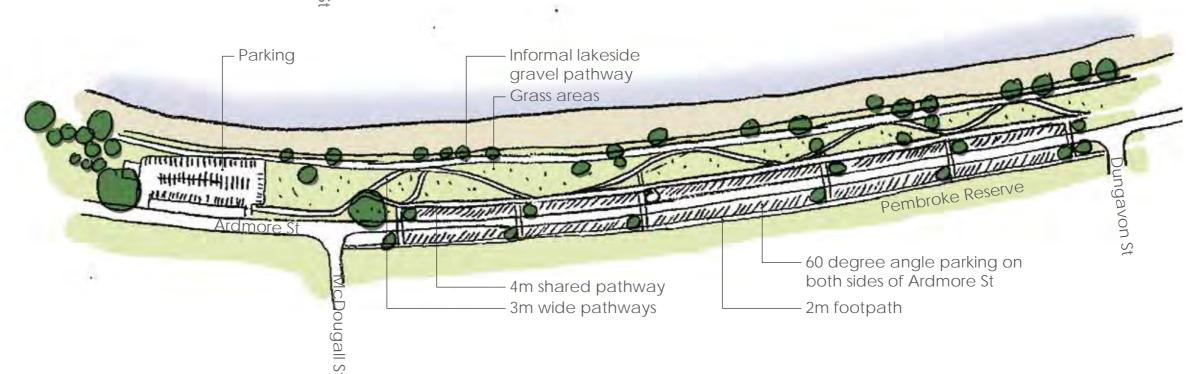
Doesn't allow for parking on West side of Ardmore St; Long featureless lawn



Naturalistic Option

Long splays narrows usable lawn;

Can have parking on both sides of Ardmore St

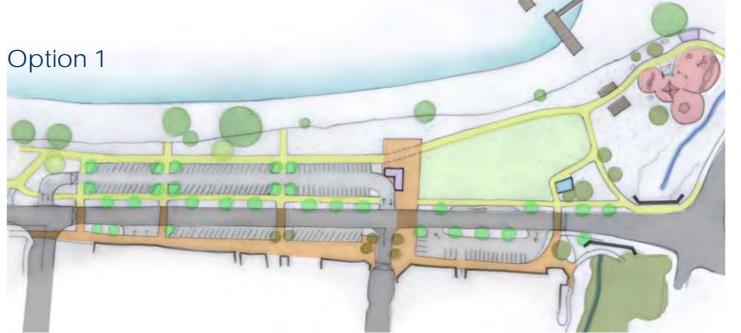


TOWN CENTRE OPTIONS

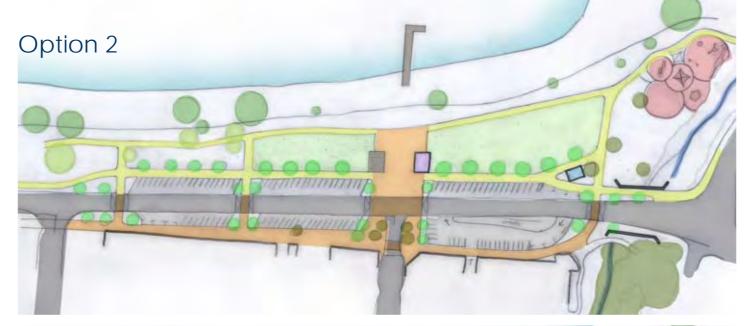


Town Centre Parking - 38 Lakeside Parking - 102 The 'Green' - 850m2

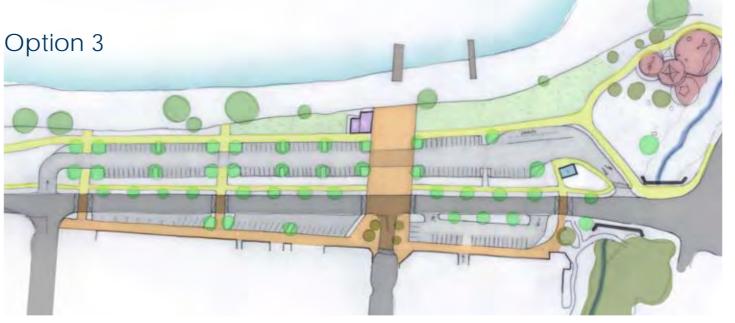




Town Centre Parking - 57 Lakeside Parking - 88+ The 'Green' - 2800m2

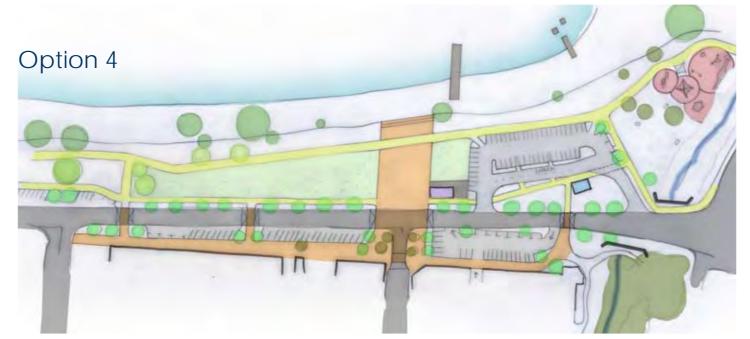


Town Centre Parking - 53 Lakeside Parking - 60 The 'Green' - 3100m2



Town Centre Parking - 56 Lakeside Parking - 119 The 'Green' - 1350m2

TOWN CENTRE **OPTIONS**



Town Centre Parking - 56 Lakeside Parking - 48+ The 'Green' - 3000m2



Town Centre Parking - 56 Lakeside Parking - 78 The 'Green' - 2250m2



