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NSW NPWS Buster & Pier Timbers



Strategic Context

The Beach Reserve

Woolgoolga Beach Reserve is highly valued by the local community and visitors, as it offers a wide range of recreational opportunities, from protected swimming to surfing, walking and boating.

The community greatly enjoys the existing low key development and nearby restaurants, cafes and markets offered at these beaches.

Role and Character

The Woolgoolga Foreshore and Beach Reserve consists of a variety of key spaces and places with a variety of roles and functions. The reserve responds to the existing coastal setting and engages the town centre.

A number of different design responses are possible depending on the future outcomes and timing of the caravan park, SLSC and Marine Rescue.

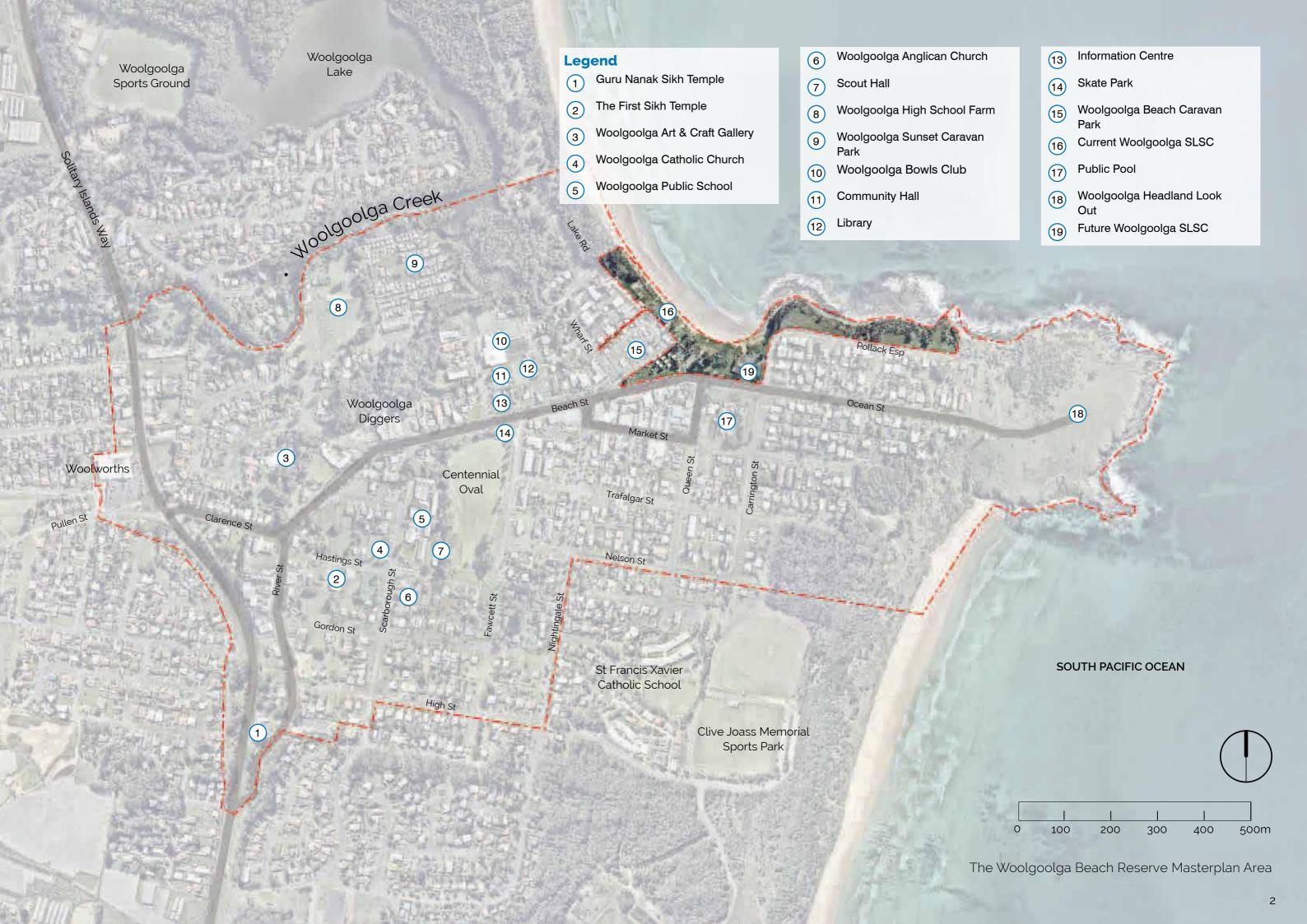
The Reserve is Woolgoolga's premier public open space and a key tourism asset. It's renewal will assist Woolgoolga in capturing new business and service opportunities supported by growing numbers of residents and visitors.

Historic Influences

The original survey of Woolgoolga was completed in 1886 and followed the colonial grid system. There has been little deviation in grid development pattern from the original survey plan in the majority of the Town Centre.

A number of influences have shaped the structure and character of the Town Centre over its history, including:

- The natural setting including the beach, sloping topography, Woolgoolga Creek and flood prone land;
- Historic land ownership patterns and port activities;
- The former role of Solitary Islands Way as the highway;
- · The disparate commercial precincts as a result of changing industry bases and highway alignments; and
- · The low scale and density of urban development due to the availability of property and the absence of sustained development pressures.









- property boundaries to maintain residents views.
- O2 Shade trees are situated on property boundaries in order to maintain clear views for residents.
- O3 Existing dune vegetation is retained and enhanced with appropriate native species.
- O4 Large shade trees and open lawns provide a flexible space to inhabit.
- 05 Informal beach access for surfers, private water craft and swimmers. Illegal beach access points are to be closed and re-vegetated.
- 06 The pedestrian link between Wharf street is enhanced to provide a more legible connection to the beach.

- permanent rip at the southern end of the beach. New deck with shade shelter with the potential to reuse material from the SLSC. An external shower and an accessible ramp connection to beach is provided, with provision for beach mat anchor points for wheelchair access.
- 08 Re-vegetation and stabilisation of the dune with native species, including groves of Pandanas and Casuraina trees. Dune protection fence to be set back and recessed to enhance views from the reserve.
- Informal lawns for quiet recreation and low planting with shade trees to maintain ocean views.
- 10 Relocated playground.
- 11 Large open turf lawn to facilitate temporary events, activation and play. Potential location for community markets and stalls.

- 13 A flexible space for outdoor events, temporary activation and community celebrations. Tensile shade structure incorporating suspended decorative artwork elements.
- 14 Vegetated buffer along caravan park edge.
- 15 Informal picnic lawn for use as breakout space during events.
- 16 New wayfinding, signage and artwork opportunities at parkland gateways and key nodes, with the potential to incorporate a heritage overlay.
- 17 New amenities building with a PWD WC, changing places facility, shared wash hand basins and external showers.

- 20 Existing boat ramp is retained.
- 21 New SLSC car park with boat trailer parking and overflow area adjacent the new Surf Life Saving Club.
- 22 Surf Life Saving Club.
- 23 Relocated fish cleaning station.
- 24 Re-vegetated areas reducing the extent of grass areas to be maintained.
- 25 A new accessible deck with shade structure and viewing terraces.
- 26 Whale Trail: accessible boardwalk provides a connection between the reserve and the existing headland path. Impacts on remnant fragile vegetation to be minimised through detailed design and construction.

- Existing shelter to be upgraded.
- 29 Existing lookout retained.
- 30 Retain and protect existing Norfolk Island Pines.
- 31 Reconfigured Woolgoolga Beach Caravan Park, as per approved Woolgoolga Beach Reserve Plan of Management.
- Exercise station to include a variety of equipment for various user groups, for example accessible stations, playful elements and static elements.
- Accessible parking provision.

Concept Design

Detail Plans

Key design responses

Enhancing the existing natural amenity and beauty of the beach reserve through the integration of considered and complementary landscape strategies, including the:

- Provision of open flexible lawns and protection of existing large shade trees surrounded by pockets of native vegetation provide spaces to inhabit.
- · Provision of a central plaza/events space, a new front door to the reserve.
- Enhancement of the pedestrian link to Wharf street with a more legible connection to the beach.
- Integration of a network of new and shaded nature playspaces.
- Provision of new boardwalks, shade structures, bbq areas and a new bespoke amenities block.
- Formalisation of Hofmeier close carparking to provide greater access to the northern end of the reserve.

What items require future detail design?

This Masterplan is a high level document that provides a vision for the future of Woolgoolga Beach Reserve.

Key items that require further detailed design include::

- Shade structures, picnic shelters and park furniture
- Proposed outlooks and boardwalks along the foreshore
- The tensile shade structure with incorporated artwork
- The play area and associated infrastructure
- The amenities building
- Wayfinding and interpretive signage elements
- Integrated artwork elements
- Exercise stations
- An accessible beach connection

legend

- **01** Existing parking area is formalised with inclusion for disabled parking.
- O2 Shade trees are situated on property boundaries in order to maintain clear views for residents.
- O3 Existing dune vegetation is retained and enhanced with appropriate native species.
- O4 Large shade trees and open lawns provide a flexible space to inhabit.
- O5 Informal beach access for surfers, private water craft and swimmers.
- Of The laneway link between Wharf street is enhanced to provide a more legible connection to the beach.
- O7 New destination point with multipurpose deck structure, with shade shelter, seating and opportunities for casual surveillance over the beach. Potential to reuse material from the SLSC.
- O8 Main access is relocated to minimise conflicts with boat ramp users and direct beach goers away from the permanent rip at the southern end of the beach. An accessible ramp connection to beach is provided, with provision for beach mat anchor points for wheelchair access.
- O9 Informal lawns for quiet recreation and low planting with shade trees maintains ocean views from Caravan Park cabins.
- 10 New wayfinding, signage and artwork opportunities at parkland gateways and key nodes, with the potential to incorporate a heritage overlay.
- 11 Deck under existing trees, surrounded by native planting.
- 12 Re-vegetation and stabilisation of the dune with native species, including groves of Pandanas trees.
- 13 Reconfigured Woolgoolga Beach Caravan Park, as per approved Woolgoolga Beach Reserve Plan of Management.
- 14 External beach shower.
- Exercise station to include a variety of equipment for various user groups, for example accessible stations, playful elements and static elements.
- Accessible parking provision.



- O1 Main access is relocated to minimise conflicts with boat ramp users and direct beach goers away from the permanent rip at the southern end of the beach. An accessible ramp connection to beach is provided, with provision for beach mat anchor points for wheelchair access.
- O2 Informal lawns for quiet recreation and low planting with shade trees maintains ocean views from Caravan Park cabins.
- O3 Adventure playground and discovery trail refer detail plan.
- O4 Large open turf lawn to facilitate temporary events, activation and play. Potential location for community markets and stalls.
- O5 A flexible space for outdoor events, temporary activation and community celebrations. Tensile shade structure incorporating floating artwork elements.
- O6 Vegetated buffer along caravan park edge.
- O7 Informal picnic lawn for use as breakout space during events.
- O8 New wayfinding, signage and artwork opportunities at parkland gateways and key nodes, with the potential to incorporate a heritage overlay.
- 09 New amenities building.
- 10 Potential market set-up, utilising the verge for stalls and creating a promenade.
- 11 Reconfigured Woolgoolga Beach Caravan Park, as per approved Woolgoolga Beach Reserve Plan of Management.
- 12 Re-vegetation and stabilisation of the dune with native species, including groves of Pandanas trees.
- 13 A new accessible deck structure and viewing terrace.
- 14 External beach shower.













Concept Design

Integrated Playscape Concept*

Design Response

Woolgoolga's unique history and landscape is celebrated through a journey that transects both place and time, taking children and parents alike on a journey of discovery that engages the senses.

Understanding

- Create an integrated nature playscape that contains elements that are; stimulating, educational, suitable for children of all abilities and inclusive for children, parents and carers.
- Provide opportunities to engage with the unique European and indigenous history of Woolgoolga through interpretative play elements and educational signage.
- The play elements are seen as 'events' along a series of activity trails, that when combined, creates an adventurous, exploration through the site.
- These elements may contain static objects and/or be capable of providing the opportunity for an 'event' overlay that responds to learning activities developed by local schools and groups. These events can be used during school holidays, open days or festivals.

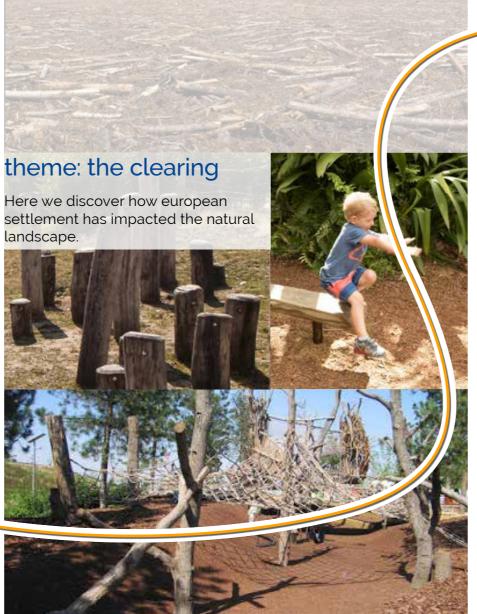


Staging Diagram

Stage One Scope of Works · Demolition of existing playground · Provision of new amenities building • Provision of new pathways highlighted · Relocated playground • Screening vegetation to caravan park interface • shade structures over play areas Note: all other areas in future works will be turfed existing playground to be demolished Woolgoolga Beach Caravan Park amenities future play ground space screening vegetation relocated playground turf turf future playground space Beach Street









Experiences

- climbing
- hiding
- crawling

A Local Story

- the local geography and landscape
- · indigenous use of local flora and fauna

Physical Elements

- low ropes
- climbing logs
- · hideout cubbies

Experiences

- climbing
- running
- jumping

A Local Story

local industries e.g. timber milling and livestock grazing

Physical Elements

- totem poles
- · balance beams
- cut timber

Experiences

- rolling
- sliding
- climbing

A Local Story

• agriculture and productive gardens

Physical Elements

- grassed mounds
- slides
- rock walls
- · productive gardens





Integrated Playscape Concept*

Creating a journey

The design of the playground should create an engaging journey and unique experience that engages with Woolgoolga's unique history and culture.

Key ideas and opportunities for consideration within future design development are discussed opposite.

*This concept plan is indicative only and subject to future detail design and staging considerations.

Experiences

- walking
- · discovery

A Local Story

• the importance of dune systems and their vegetation

Physical Elements

- shade trees
- · mounded vegetated earth
- · adventure trails

Experiences

- · misting
- digging
- discovery

A Local Story

- · local industrial history
- 'Buster' and other relics
- marine life

Physical Elements

- sand pits
- · misting elements
- · hidden objects

Concept Design

Amenities Design Concept

Current Provision

	Male	Female	PWD	Comments
WC's	2	4	1	No pwd shower and wc may not be currently compliant
Urinals	3			Trough
WHB	3	3		Stainless steel
Showers Int	3	3		Internal, changing bench outside shower cubicle
				General Comments
				Dated buildings, inefficient layout
				Poor access and visibility/CPTED issues
				No PWD shower or provision for left and right handed access
				No provision for Changing Places
				Good ventilation and daylight provision
				No provision for ambulant disabled access
				Buildings do not contribute to identity of Woolgoolga

Proposed Provision*

	Male	Female	PWD	Comments	
WC's	4	3	1	Incorporate additional showers and changing table into pwd wc.	
WHB	2	2		Unisex shared off common entry lobby	
Showers Ext	3			Unisex external, open to reserve	
Store/Cleaners Cpd				Integrate 1 cpd - optional	
Changing Places WC			1		
				General Comments	
				Contemporary architecture that complements Woolgoolga's unique character	
				Highly visible single access	
				Provide high levels of ventilation and natural daylight	
				Easy to maintain and secure	
				WHB's unisex off common lobby	
				Consider provision of Changing Places facility	
				Consider integration of storage/ cleaner's cpd	

*Feasibility analysis of amenity provision was carried out based on a review of exemplar amenities in coastal locations in NSW - refer to Appendix A. As a result it was determined that a single amenities block with the above provision would adequately service the reserve.

PWD - Person with disability

WHB - Wash hand basin

Cpd - cuboard

Preferred Design Concept

Amenities block incorporating a PWD WC's and a changing places facility, as well as shared wash hand basins and showers. High levels of physical and visual access. A single distinctive building.

Why should the amenities be bespoke?

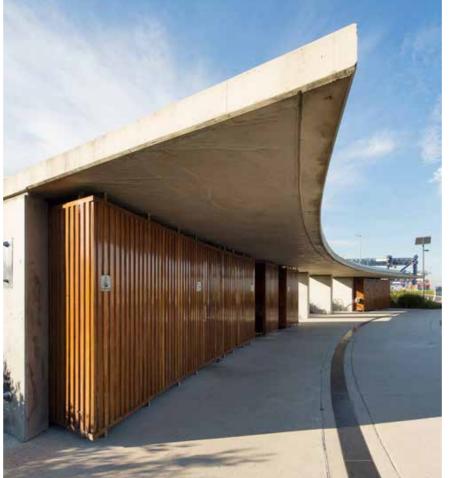
During the community engagement sessions there was strong support for the new amenities building to be purpose designed to reflect Woolgoolga's unique character and lifestyle.

Key ideas that received strong support were:

- · 'Cool loos' contemporary bespoke buildings
- Lightweight and naturally ventilated structures
- Integration of Changing Places equitable facilities
- Potential to incorporate a lookout/kiosk
- Exploration of an integrated amphitheatre
- Located close to the beach









Materials Palette

Character & Materiality

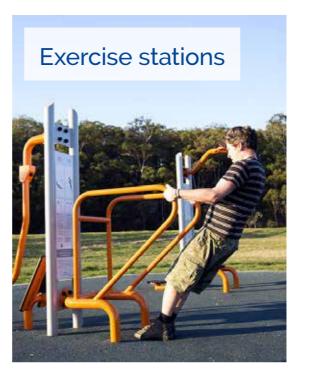


















Incorporating relics from Buster & the old jetty

During the concept design period, New South Wales National Parks and Wildlife have notified CHCC that they have in their possession authentic relics from 'Buster' and the old Woolgoolga Pier. These items, (see below) could be creatively incorporated into the beach reserve to richen the story of Woolgoolga's history. Some suggestions from the re-use of these items are listed below:

- Incorporated as artwork 'totems' (see photo adjacent for reference)
- Incorporated into seat elements

Alternatively, CHCC could engage local artists to engage with the materials in a new way.



Planting Strategy

Planting Character

Parkland

Design philosophy

Pre-European settlement, lilly-pillies and native vegetation formed thickets behind the sand dunes, in semi shaded gullies on rainforest margins along the coastal plain. These areas were relished by local Aborigines, and the name Woolgoolga is believed to have come from the word wei-gul-gas.

The planting strategy draws upon the unique history and character of Woolgoolga, re-introducing native coastal species into the reserve to provide a variety of spaces with different qualities to inhabit.

The reserve has been divided into broad planting character areas, referenced on the page over.

This planting palette is intended as a guide for future works within the reserve, with the goal of reinforcing and generating a strong sense of place that is unique to the Woolgoolga Beach Reserve.

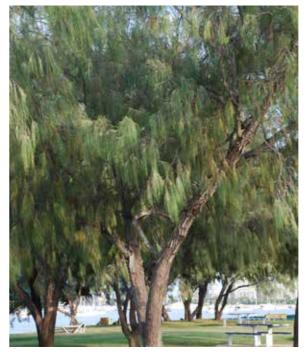
Key Design Outcomes

- Street tree planting and retention of existing Norfolk Pines
- Use of iconic species to celebrate coastal character
- Legacy planting of large shade canopy and parkland trees
- Costal foreshore planting and re-vegetation

















Planting Character Zones



planting typologies



Dunal Vegetation Planting

Restore existing dunes and support biodiversity through the use of self-sustaining endemic coastal species, that require minimal maintenance once established.



Coastal Banksia Shrubland

The existing character of the native back dune vegetation is extended and drawn into the parkland.



| | Kangaroo Grasslands

Exposed headland areas are re-vegetated with native grass species with scattered shrubs and shade trees to provide a wind break and maintain views.



Coastal Banksia Headland

A dense ground layer of grasses is sheltered by coastal banksias and she-oaks, extending the existing character of the remnant vegetation



Forest Buffer Planting

Groves of native shade trees and dense understory planting create semi shaded pockets of forest to explore and play, while providing a soft interface and screening element between the caravan park and parkland that reconnects the reserve to the creek,



Parkland

Low, hardy species create a transition between the urban streetscape and the coastal foreshore.



Low Coastal Planting

Planting in this area is kept low to ensure views from the caravan park and cabins are retained. Slight undulations in topography create and define more intimate spaces to relax on the lawn.



8 Streetscape Planting

New streetscape planting reinforces the unique coastal setting and existing planting character (e.g. Norfolk Pines).

Planting Palette

Dunal Vegetation Planting and Re-vegetation

Ground Covers

1.	Ausi	trot	estu	ca lit	toral	İS
----	------	------	------	--------	-------	----

2. Canavalia rosea

3. Carpobrotus glaucescens

4. Hibbertia scandens

5. Ipomoea brasiliensis

6. Spinifex sericeus

7. Vigna marina

Beach Fescue Beach Bean Pigface

Golden Guinea Vine Beach Morning Glory

Beach Spinifex

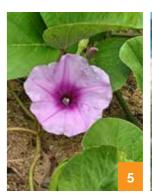
Beach Pea













Coastal Banksia Hind Dune Vegetation

Tree Species

Banksia integrifolia
 Cupaniopsis anacardioides
 Syzygium australe
 Coast Banksia
 Tuckeroo
 Brush Cherry

Mid Layer

4. Acacia longifolia subsp. sophorae
 5. Acronychia imperforata
 6. Alectryon coriaceus
 Coast Wattle
 Beach Acronychia
 Beach Alectryon

Ground Covers

7. Dianella congesta
 8. Imperata cylindrica
 9. Lomandra longifolia
 10. Viola hederacea
 11. Pteridium esculentum
 12. Zoysia macrantha
 13. Oplismenus imbecillis
 Beach Flax Lily
 Blady Grass
 Nat grass
 Native violet
 Bracken Fern
 Prickly Couch
 Creeping beard Grass



Kangaroo Grasslands (exposed areas)

Tree Species

1. Banksia integrifolia Coast Banksia

Shrubs

2. Hibbertia scandens Golden Guinea Vine Rice Flower Ozothamnus diosmifolius

4. Pultenaea maritima Coastal Bush Pea

Ground Covers

5. Cynodon dactylon Blue Couch 6. Themeda triandra Kangaroo Grass Prickly Couch 7. Zoysia macrantha Slender Birdweed 8. Polymeria calycina Sea Celery 9. Apium prostratum 10. Xerochrysum bracteatum **Everlasting Daisy**



Coastal Headland Swamp Oak Shrubland

Tree Species

1. Allocasuarina littoralis Black She-Oak 2. Casuarina glauca Swamp Oak

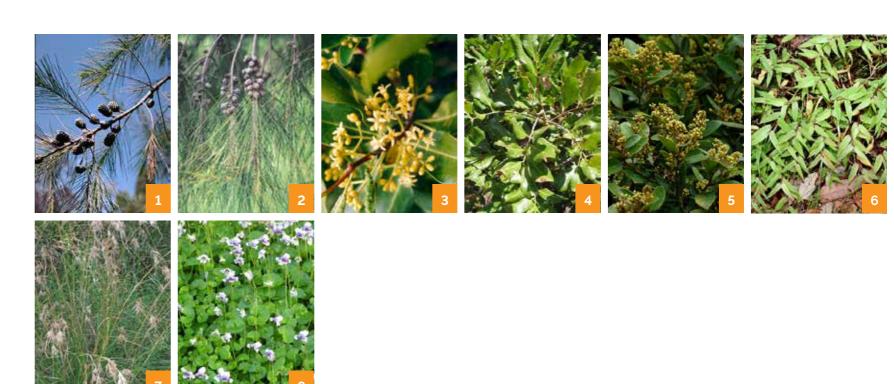
Mid Layer (sparse)

3. Acronychia imperforata Beach Acronychia Cupaniopsis anacardioides Tuckeroo Three Veined Laurel

5. Cryptocarya triplinervis

Ground Covers

6. Oplismenus aemulus **Basket Grass** Kangaroo Grass Themeda triandra 8. Viola hederacea Native violet



Planting Palette

Forest Buffer Planting

Tree Species

1. Callistemon salignus

2. Corymbia intermedia

3. Eucalyptus tereticornis

4. Lophostemon suaveolens

5. Melaleuca quinquenervia

Mid Layer

6. Allocasuarina littoralis

7. Hakea dactyloides

Ground Covers

8. Hibbertia aspera

9. Lomandra hystrix

10. Lomandra longifolia

11. Pennisetum alopercurodies

12. Poa Poa labillardierei

Willow Bottlebrush
Pink Bloodwood
Forest Red Gum
Swamp Box
Broad-leaved Paperbark

Black She-Oak Broad Leaved Hakea

Guinea Flower Green Mat-Rush Mat Rush Fountain Grass Tussock Grass



Low Coastal Planting

1. Carpobrotus glaucescens

2. Dianella congesta

3. Myoporum ellipticum

4. Pennisetum alopercurodies

5. Westringia fruticosa

6. Westringia eremicola

Pigface
Beach Flax Lily
Coastal Myoporum
Fountain Grass
Coastal Rosemary
Slender Westringia













Parkland

Tree Species

Araucaria heterophylla
 Banksia integrifolia
 Casuarina glauca
 Cupaniopsis anacardioides
 Ficus rubiginosa
 Pandanus pedunculatus
 Norfolk Island Pine
 Swamp Oak
 Tuckeroo
 Port Jackson Fig
 Pandanus Palm

Ground Covers

Pigface 7. Carpobrotus glaucescens 8. Crinum pedunculatum Swamp Lily 9. Dianella congesta Beach Flax Lily 10. Dietes grandiflora Wild Iris 11. Gazania rigens Coastal gazania Coastal Myoporum 12. Myoporum ellipticum 13. Poa labillardieri var. labillardieri Tussock Grass 14. Viola hederacea Native violet 15. Westringia fruticosa Coastal Rosemary 16. Westringia eremicola Slender Westringia

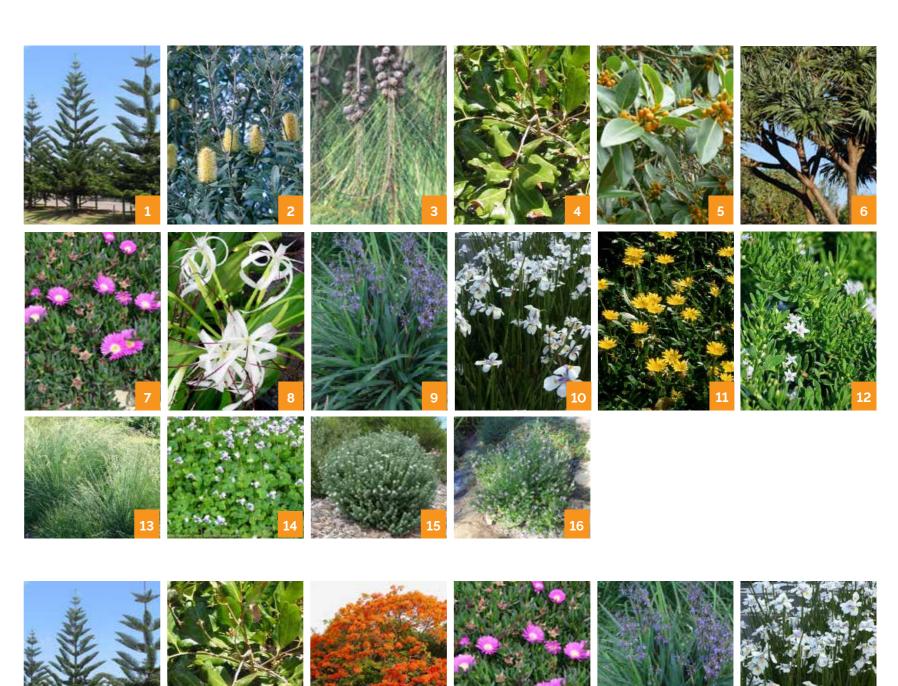
Streetscape Planting

Araucaria heterophylla
 Cupaniopsis anacardioides
 Delonix regia

Norfolk Island Pine
Tuckeroo

Ground Covers

4. Carpobrotus glaucescens
 5. Dianella congesta
 6. Dietes grandiflora
 7. Gazania rigens
 8. Myoporum ellipticum
 Pigface
 Beach Flax Lily
 Wild Iris
 Coastal gazania
 Coastal Myoporum





Strategic Context

Planning Process To Date

The Woolgoolga Beach Reserve Masterplan is the first project to be delivered after the adoption of the new Woolgoolga Town Centre Masterplan.

Planning policy, strategies, documents and community engagement sessions have all informed the process to date.

This report builds on priorities set out in both the adopted town centre masterplan and the Woolgoolga Beach Reserve Plan of Management. State and Local Plans



Coffs Harbour LEP 2013



Coffs Harbour Development Control Plan 2015



North Coast
Regional Plan 2017
NSW Government,
Planning
and Environment

POPULATION GROWTH AND COMMUNITY CHANGE

Informing Strategies & Approvals

Business Lands Strategy 2010

North Coast Urban Design Guidelines

Business Centres Hierarchy Report 2011

The Beach Reserve

Plan of Management 2015

Woolgoolga Town Centre Study 1996 Traffic & Parking Study 2017 Coffs Harbour Open Space Strategy 2010

Marketing Action Plan 2011

MyCoffs Community Strategic Plan 2017

Coffs Harbour City Council Disability Inclusion Action Plan 2017 - 2021

Coffs Harbour City Council Economic Development Strategy 2017 – 2020 Creative Coffs Cultural Strategic Plan 2017 – 2022

Coffs Harbour Sports Facility Plan 2016

Coffs Coast Tourism Strategic Plan 2010

Woolgoolga Town Centre Masterplan 2018

Coffs Harbour Events Strategy 2020

Beach Reserve Masterplan

Woolgoolga

URBAN AND ENVIRONMENTAL CHANGE

Community Engagement

February 2014 Community Vision Night April 2014
Woolgoolga
Business
Retention and
Expansion
Survey

April 2014 Ideas Map Analysis June 2014 Woolgoolga Town Centre Masterplan Workshop July 2016

Draft Woolgoolga
Town Centre
Masterplan
Consultation

October 2016

Traffic and Parking
Community
Consultation Community Workshop,
Traders Breakfast and
Pop Up Shop.

April 2017 Stakeholder Engagement -Draft Masterplan Principles May 2018
Woolgoolga
Beach Reserve
Community
Engagement
Sessions

Strategic Context

Key Informing Strategies and Initiatives

CHCC Open Space Strategy 2010 "Connecting Parks and People"

The Open Space Strategy aims to guide the planning, development and management of the public open spaces and detail Council's intent in relation to the protection, development and management of its open space network.

In relation to Woolgoolga Beach Reserve, the following actions are identified

- Provision for events including theatre, music and arts in public open space at appropriate times;
- Creation of a connected open space network that can provide a range of functions including social and family recreation;
- Development of a Masterplan (this project)
- Embellish to a District Social Family Space
- Formalise walkway around Woolgoolga Headland, as part of Solitary Islands Coastal Walkway.

The attributes of a District Social Family Space are:

- Meeting place; shade and shelter, seating and drinking water, access to nature, all accessible to people with a disability;
- Some areas to have picnic/barbecue, toilets; additional facilities might include skate facilities, free access tennis and basketball courts, etc:
- Some to have irrigated green lawns, formed path (not necessarily sealed) and lights and rubbish collection system;
- Mix of four or more recreation activity areas catering for broad cross-sections of the community;
- Incorporation of natural features for play;
- · Inclusive of people with disabilities;
- "Play" provisions also apply;
- Preferably minimum size 2 hectares. Provision of toilets;
- Integration with existing walkways/cycleways, and link to off-road trail networks

Plan of Management

The endorsed Plan of Management provides a framework for the future management, use and development of the southern section of the Woolgoolga Beach Reserve.

Vision statement:

"To conserve and maintain the natural and scenic environmental values of the Woolgoolga Beach Reserve while providing a range of recreational and tourist facilities and opportunities to address the economic and social needs of local residents and visitors to the region."

Some of the plans most significant initiatives include:

- Demolition of the existing Holiday Park Manager's residence and office, and development of a new residence and office;
- Relocation of the Holiday Park entry and exit to Wharf Street, removal of large areas of hard surface, and demolition and replacement of the existing public amenities in Beach Street;
- Contraction of the footprint of the Holiday Park to expand the area and extent of the public domain open space along Beach Street:
- Development of a pedestrian pathway system to link the Town Centre to the beachfront:
- Relocation of Woolgoolga Marine Rescue to Arrawarra, as part of Council's wider strategy for boating in the LGA;
- · A new Woolgoolga Surf Life Saving Club; and
- Relocation and expansion of playground, including shade sails and improved disabled access.

The implementation of these proposals and the impact on adjoining areas will result in a transformation of the Reserve, which will revitalise the character of the Town Centre.

Woolgoolga Town Centre Masterplan

The Masterplan was adopted in 2018 and plays a critical part in guiding the orderly development and revitalisation of the southern section of Woolgoolga Beach Reserve.

The transformation of the beach reserve is essential to provide a vibrant waterfront and outdoor activity area for Woolgoolga, that integrates the waterfront with the town centre and the holiday park.

The masterplan presented a vision and strategic planning framework to guide development and enhancement of the southern section of Woolgoolga's beach reserve for the next 20 years to 2036.

Key initiatives from the masterplan include:

- Reinforcing the Beach Street axis as the town centre arrival point, by opening up views to the headland.
- Celebrating the coastal setting through public realm design character;
- Regenerating regionally significant coastal vegetation and drawing this local character into the reserve;

Council's Lifeguard Service

Coffs Harbour City Council employs a professional lifeguard team to patrol the City's most popular beaches and to promote surf safety education.

Woolgoolga Beach is patrolled every day between the commencement of the NSW School Holidays in September until the completion of the NSW School Holidays in April of the following year.

The local Surf Life Saving Club patrols the beach on weekends and public holidays, while Council employed Lifeguards patrol the beach during the week.

Site Analysis

Views and Visual Setting

The Landscape Setting

The Beach front reserve captures many of the visual qualities characteristic of NSW North Coast coastal settlements. There is an overall sense of openness and spaciousness. The defining characteristics of the reserve include:

- Generous beach front green spaces and parkland;
- Expansive panoramic views from the headland of the coastline, Solitary Islands and hinterland ranges;
- Existing mature vegetation, shade trees and dune vegetation; and
- The prominent location of the caravan park.

Key Views

- Lack of visual connection between Beach Street approach and the ocean/headland;
- 2. Lack of visual connection from Beach Street alfresco dining to the beach;
- 3. Open space viewed from Pollock Esplanade;
- 4. Expansive panoramic views from the headland of the coastline, Solitary Islands and hinterland ranges;
- 5. Headland and beach front open space views from Hofmier Close; and
- 6. Views of the headland and beach reserve from the beach.



View towards Woolgoolga Beach Reserve from Beach Street



Beach front open space viewed from Pollock Esplanade, looking north



Looking towards the headland from the existing SLSQ



Existing pedestrian crossing and amenities, corner of Beach Street and Ocean Street



View along Woolgoolga Beach to the north from the reserve near Pollock Esplanade, looking north



Woolgoolga Beach, looking south



Site Analysis

Micro Climate

Natural Setting and Topography

The natural environment has significantly influenced the growth and form of Woolgoolga and will continue to influence its future form.

The town lies below a steeply rising inland range and within a narrow coastal plain of undulating terrain, low lying flats and the coast with its beaches, headlands and dune system. Approximately half of the town centre area is low flat coastal plain and impacts include:

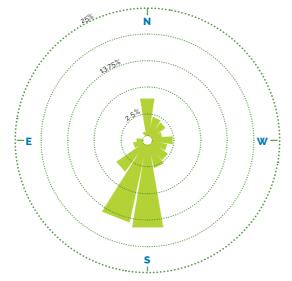
- Low lying flood prone land generally north of Beach Street but also including the Beach Street Village Precinct and Centennial Park areas;
- Environmental controls on land use addressing coastal hazard along the beach front.

Elevated land on the headland and southern parts of the town centre rise relatively steeply and are predominantly occupied by low density residential housing.

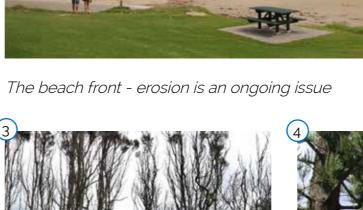
Much of the native flora within the town has been displaced except for coastal wetlands east of Trafalgar Lane, the riparian environments of Woolgoolga Creek and Jarrett Creek and natural foreshore and dune vegetation at the northern end of the beach reserve.

Wind

Woolgoolga beach provides shelter and protection from moderate southerly swells and strong southerly winds.







Remnant vegetation on the headland



Shade on the beach edge



Remnant native dune system vegetation



Iconic Norfolk Pines

Legend

Existing significant vegetation

Existing dune

___ Contours



Site Analysis

Natural Hazards & Flooding

Natural Processes and Hazards

The coastal location and natural setting require a strategic approach to managing the impacts of natural hazards that include:

- · Flooding;
- · Coastal hazards; and
- Climate change, including sea level rise and possible increased rainfall intensity and resultant impacts on both flooding and coastal hazards.

Council's MyCoffs Community Strategic Plan contains the following commitments:

- We understand the challenges to our natural environment and act to mitigate them; and
- We are adapting for climate change and we work corroboratively to mitigate our impacts.

Guidelines for incorporating sea level rise into flood risk and coastal hazard assessment are proposed to be revised as part of the NSW Government's current coastal reform process. Coffs Harbour City Council has developed a range of policies and programs that allow for ecologically sustainable growth in coastal areas while addressing the risk to life and property from coastal hazards and flooding.

Council's Climate Change Policy adopts a sea level rise benchmark for the Coffs Harbour Local Government Area (LGA) as a 91cm increase by 2100 (above 1990 mean sea levels).

Coffs Harbour Coastal Zone Management Plan

Council adopted the Coffs Harbour Coastal Zone Management Plan in 2013. The plan identifies strategies to lessen potential coastal hazard impacts.

Strategic guidance is provided within the plan on coordinated, integrated and ecologically sustainable development of the coastline affected by coastal hazards. The Plan also establishes strategies for the protection of fragile coastal environments into the future. The Plan forms the basis for future management and strategic land use planning of the coastal zone in the Coffs Harbour local government area to enable growth and development that minimises risk to the natural, cultural and heritage values of the coast.

Council's adopted coastal zone management plan has informed the Woolgoolga Town Centre Masterplan.



Site Analysis

Existing Park Infrastructure

Key issues

- Existing park infrastructure is dated and creates visual clutter in the reserve, impeding key views from Beach street to the headland.
- Existing amenities building is dated and noncompliant with current standards. There are also **CPTED (Crime Prevention Through** Environmental Design) issues with regards to concealed access and potential entrapment points.
- Existing shade shelters are also dated and block key views through the park to the beach from Beach Street.
- Generally, existing park infrastructure does not compliment or add to the presentation of the reserve. This is compounded by the variety of styles and quality of elements.
- Existing beach access points are noncompliant and inadequate for the potential future use of the reserve as an accessibility focused beach.
- Existing access to Woolgoolga Beach Caravan Park and the location of the reception/ manager's building dominates the Beach Street address adjacent to the reserve and creates conflict between pedestrians and motorists.
- There is indistinct separation between the caravan park, reserve and streetscape.



Existing Surf Club



Existing amenities



Existing Marine Rescue



Existing playground



Existing shelter structures



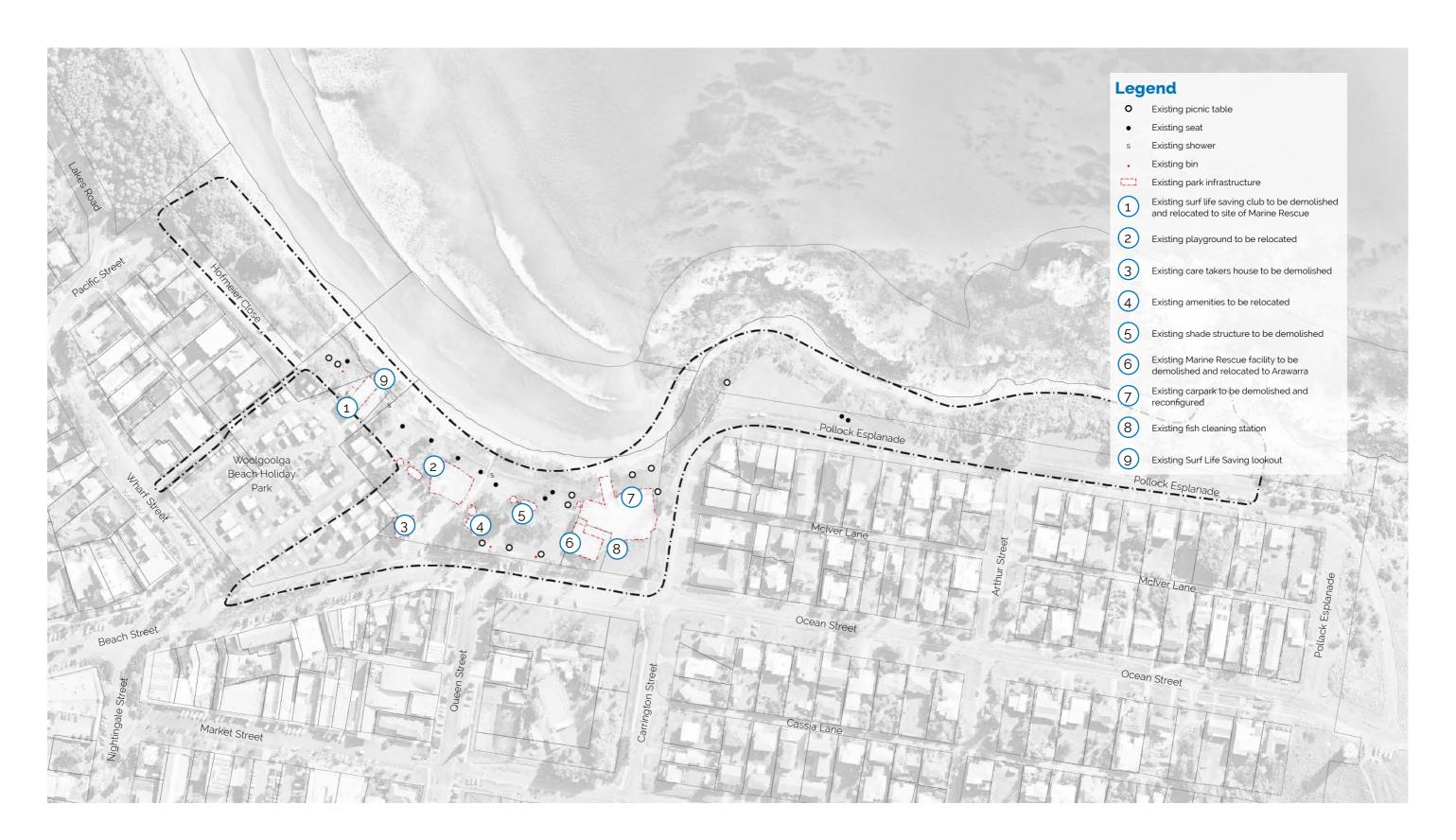
Existing carpark and boat ramp



Existing Woolgoolga Beach Caravan Park



Existing fish cleaning station



Site Analysis

Movement Networks

Pedestrian and Cycle Movement

- The town centre and reserve are characterised by unformalised, disconnected networks with poor legibility, that impact on pedestrian and cycle comfort, safety and convenience.
- The existing streetscapes is a car dominant environment, which detracts from pedestrian safety, comfort and reduces visual amenity.
- The interconnected street grid provides a good base for active transport facilities to be improved upon in the future, although some new subdivisions feature curvilinear street patterns and disconnected cul-de-sacs that increase walking distances and reduce network legibility.
- The Heritage Walk along Beach Street, the Woolgoolga Whale Trail and the Solitary Islands Coastal Walk provide valuable tourism experiences that engage settlement history and the landscape, although some accessibility and safety issues exist. These trails are assets to the town and need to be supported by better quality paths in some places for safety and accessibility reasons.

Caravan Park Entry

- Council and the State Government have committed to the relocation of the caravan park entry from Beach Street to Wharf Street. The new entry driveway has been constructed, and this new access arrangement will support the growth and revitalisation of the Beach Street by:
 - Significantly increasing opportunities for the enhancement of the beach reserve parkland;
 - Avoiding conflict with greater pedestrian movement between the centre and the beach as the centre matures; and
 - Minimising vehicle conflict points on Beach Street and improving safety.



Pedestrian crossings are not prioritised



Existing disconnected headland connection



No safe access to headland long Pollack Esplanade



Existing access to the north of the reserve



Existing beach access



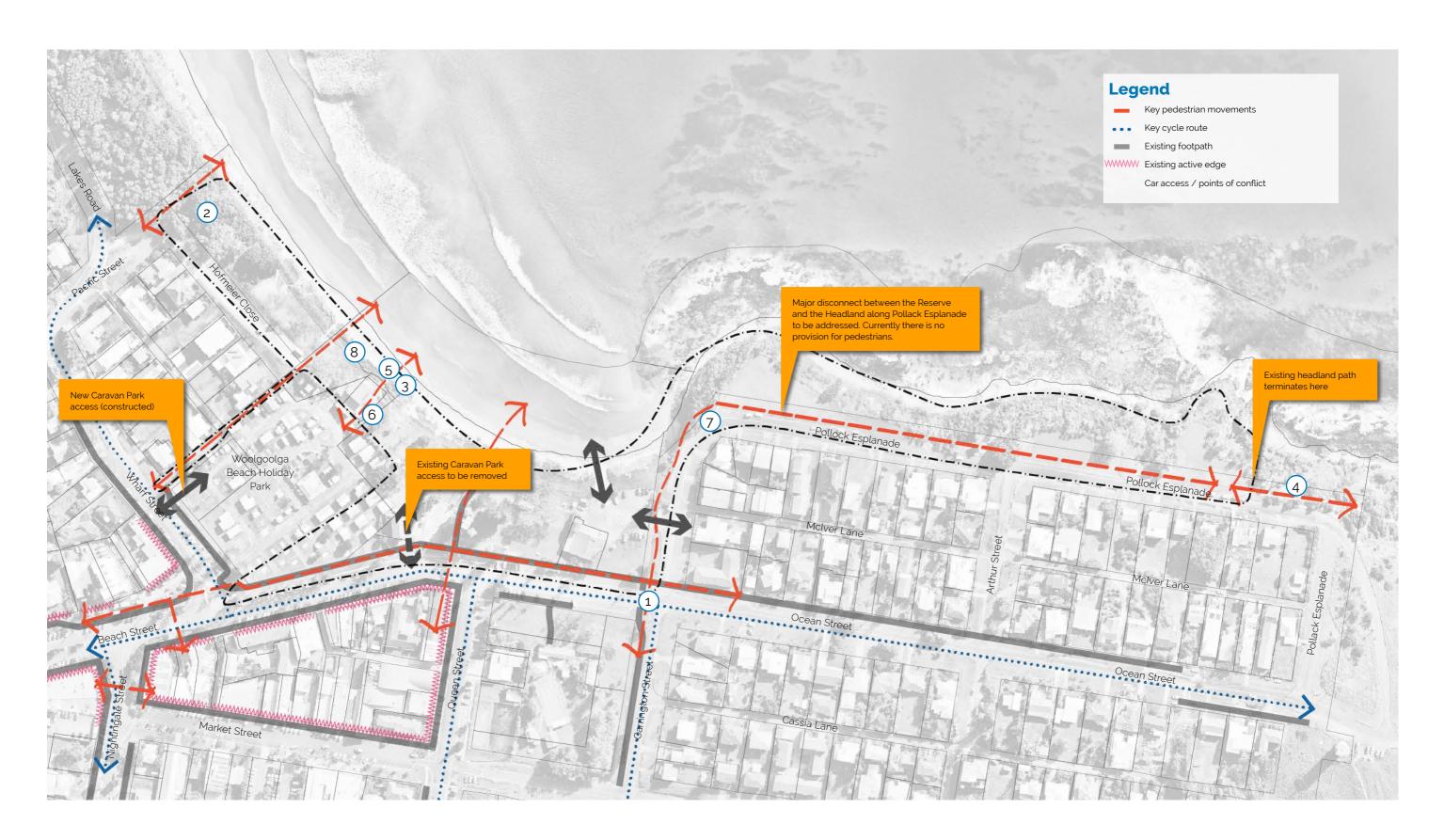
Existing wayfinding within the reserve



Existing beach access from Beach



No existing formal pathway along beach front



Concept Design

What We've Heard

Summary

Lat27, ThreePlus and Coffs Harbour City Council facilitated two drop-in engagement sessions, as well as providing opportunity to engage via the online platform Social Pin Point or submit written feedback.

The cumulative results of 102 online comments, 41 survey responses and 1,153 dots used during the two hands on engagement sessions have been summarised to inform the concept design for the Woolgoolga Beach Reserve.

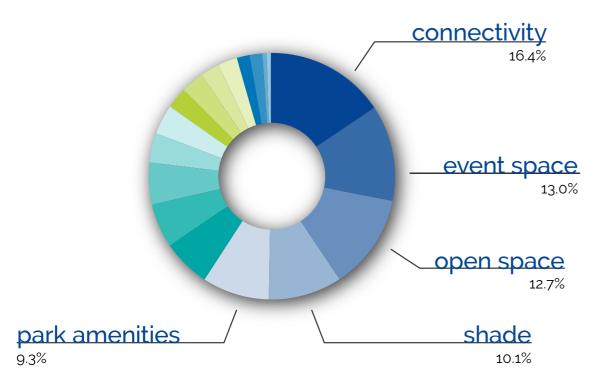
Top 10 desired outcomes for the reserve

- 1. More shade and shade tree planting
- 2. An accessible connection between the reserve and the headland
- 3. A flexible civic space for events
- 4. An upgraded playground
- 5. Upgraded path networks and better connections
- 6. Flexible open lawns for activities
- 7. Night-time activation opportunities
- 8. Picnic and BBQ facilities
- 9. Exercise stations
- 10. Access for all ages and abilities



Children exploring creative ideas in the park

Top 5 most discussed topics



Topics and key ideas

1. Connectivity (16.4%)

connect reserve to headland; upgrade paths; exercise equipment; places to sit

2. Event Space (13.0%)

flexible civic events space; places to gather; night-time

3. Open Space (12.7%)

flexible open lawns; places to sit; picnics; BBQ'S; lawn games

4. Shade (10.1%)

large shade trees; shade over playground; shade on the beach edge

5. Park Amenities (9.3%)

located next to/within new SLSC; two required; disability toilet/changing places facility; internal and external showers

6. Vegetation

soft edge to beach; retain existing trees; use native species

7. Accessibility

all abilities access; ramp access to beach; retain parking; signage and wayfinding; disabled parking

8. Parking

Hofmeier Close as alternate beach access point; more parking in Hofmeier Close; maintain current capacity; boat trailer parking inadequate; caravan park entry impact

Shelter

wind protection; windbreaks; shade structures; ease of maintenance; robust; security

10. Play

safety; inclusive equipment for all ages/abilities; water interaction; sensory play

11. Wayfinding & Signage

clear; at main entries

12. Lighting

lighting along pathways; safety

13. Artwork

reflect local families/culture; reference to old SLSC/buster

14. Activation

SLSC restaurant/bar; beach front activation (coffee shop); new visitor centre

15. Local History

Interpretive signage; SLSC memorial; indigenous culture; Buster; WWI memorial

16. Natural Processes

drainage; erosion; protect the foreshore; retain natural edge

17. Dogs

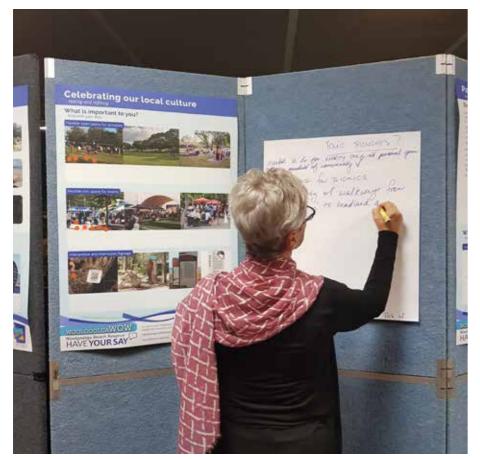
reserve dog-on-leash area; safety; bins/bags for waste; signage

18. Boat Ramp

potential conflict point; parking



Friday night local business engagement session



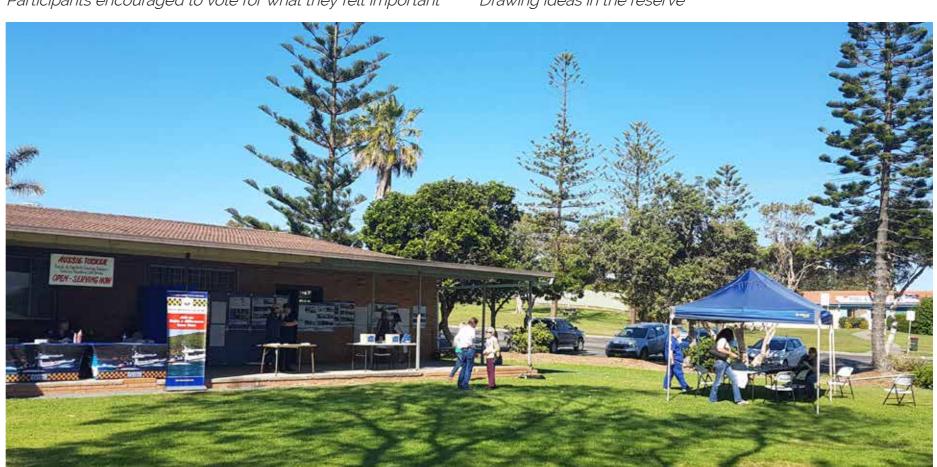
Capturing all the great ideas



Participants encouraged to vote for what they felt important



Drawing ideas in the reserve



Saturday engagement session in the reserve

Amenities Analysis

Recent Relevant Exemplars

North Bondi Amenities - Sam Crawford Architects

includes family change facilities Urinals WHB 2.5 2.5 5 whb's unisex shared external to entered showers Int None Showers Ext 3 None Small benched areas off M & F wc's General Comments Contemporary award winning architecture, extensive use of timber batten cladding & landscaped roof Highly visible access High levels of ventilation and natural daylight Easy to maintain and secure WHB's unisex off common lobby		Male	Female	PWD	Comments
WHB 2.5 2.5 5 whb's unisex shared external to enterest Showers Int None Showers Ext 3 None Changing Small benched areas off M & F wc's General Comments Contemporary award winning architecture, extensive use of timber batten cladding & landscaped roof Highly visible access High levels of ventilation and natural daylight Easy to maintain and secure WHB's unisex off common lobby No provision of Changing Places facilisation in the provision of Changing Places facilisatio	WC's	4	5	1	M & F include 1 ambulant cubicle. PWD includes family change facilities
Showers Int Showers Ext 3 None Changing Small benched areas off M & F wc's General Comments Contemporary award winning architecture, extensive use of timber batten cladding & landscaped roof Highly visible access High levels of ventilation and natural daylight Easy to maintain and secure WHB's unisex off common lobby No provision of Changing Places factors Small integrated cleaners store with	Urinals	3			Urinals
Showers Ext 3 None Changing Small benched areas off M & F wc's General Comments Contemporary award winning architecture, extensive use of timber batten cladding & landscaped roof Highly visible access High levels of ventilation and natural daylight Easy to maintain and secure WHB's unisex off common lobby No provision of Changing Places facilisation in the provision of	WHB	2.5	2.5		5 whb's unisex shared external to entry
Changing Small benched areas off M & F wc's General Comments Contemporary award winning architecture, extensive use of timber batten cladding & landscaped roof Highly visible access High levels of ventilation and natural daylight Easy to maintain and secure WHB's unisex off common lobby No provision of Changing Places factors Small integrated cleaners store with	Showers Int				None
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High levels of ventilation and natural daylight Easy to maintain and secure WHB's unisex off common lobby No provision of Changing Places factors Small integrated cleaners store with					architecture, extensive use of timber
Easy to maintain and secure WHB's unisex off common lobby No provision of Changing Places factors Small integrated cleaners store with					Highly visible access
WHB's unisex off common lobby No provision of Changing Places factors Small integrated cleaners store with					High levels of ventilation and natural daylight
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Small integrated cleaners store with					WHB's unisex off common lobby
·					No provision of Changing Places facility





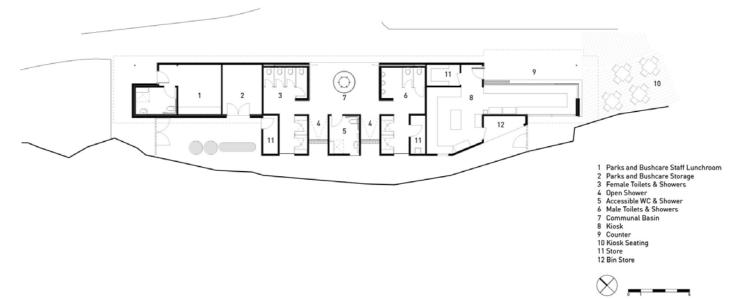






Tamarama Amenities - Lahznimmo Architects

	Male	Female	PWD	Comments
WC's	2	5	1	M & F include 1 ambulant cubicle. PWD includes family change facilities
Urinals	3			Urinals
WHB	2.5	2.5		Central unisex circular sink/trough, 5 taps in entry vestibule
Showers Int	2	2		Cubicles sized for changing
Showers Ext	1	1		Open showers integrated in entry vestibule
Store	2			2 stores
				General Comments
				Contemporary award winning architecture with integrated kiosk & staff facilities, extensive use of timber batten cladding
				Highly visible access
				High levels of ventilation and natural daylight
				Easy to maintain and secure
				WHB's unisex off common lobby
				No provision of Changing Places facility
				Kiosk has; sizeable serving and prep areas, cold room and bin store









Port Botany Amenities - CHROFI Architects

	Male	Female	PWD	Comments
WC's	2	2	1	Unsisex facilities with 1 PWD wc
Urinals				
WHB	2	2		2 unisex troughs behind timber screens opposite wcs
Showers Int				
Showers Ext				
Store	2			2 stores
				General Comments
				Contemporary architecture with large open covered viewing platform, extensive use of timber batten cladding
				Highly visible access
				High levels of ventilation and natural daylight
				Easy to maintain and secure
				Provision of 2 stores for coffee cart operator and loose furniture storage
				Changing spaces provided
				No provision of Changing Places facility
				Water bubblers, dog bowls, bicycle racks





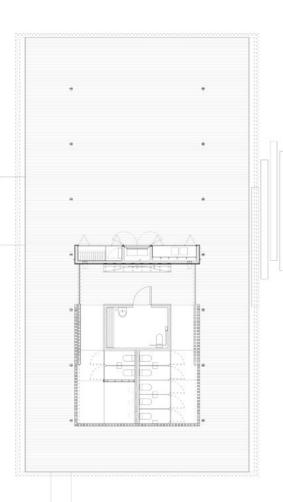


Lizard Log Events Pavilion - CHROFI Architects

	Male	Female	PWD	Comments
WC's	2	5	1	
Urinals	3			
WHB	2.5	2.5		Unisex trough, 5 taps in open entry vestibule
Showers Int				
Showers Ext				
Store	1			1 store for events
				General Comments
				Contemporary architecture with large expressive polycarbonate roof and event platform, extensive use of timbe batten cladding
				Highly visible access
				High levels of ventilation and natural daylight
				Easy to maintain and secure
				Large covered performance deck and provision of store and open kitchen for events
				No provision of Changing Places facility









Strategic Context

The Endorsed Foreshore Park Concept Plan

Woolgoolga is valued for its unique landscape setting, village feel, sense of openness and it's relaxed coastal lifestyle. Residents place high levels of value on the beach and open spaces and the sense of place it bestows on the town.

The Woolgoolga Beach Reserve and headland are the primary recreation assets for the local community and visitors, providing:

- high levels of physical and visual connection to the beach;
- beachfront open space for a wide range of formal and informal recreation uses;
- opportunities to enhance regional coastal connections for pedestrians and cyclists (e.g. Woolgoolga Whale Trail);
- informal, unprogrammed open space to support community activities;
- a children's playground, which is a popular destination for the local community and visitors.

While there is much to love at Woolgoolga, through community consultation local residents and business owners voiced their strong desire to see the quality of the public realm and built environment enhanced.

Identified opportunities

- Reinforce the Beach Street axis as the town centre arrival point, by opening up views to the headland, drawing the character of the foreshore back into the town centre
- Connect the town to the reserve through a comprehensive, highly legible pedestrian and cycle network that encourages active transport and supports greater tourism amenity, while engages with the natural assets and settlement history
- Relocate the caravan park entry and caretakers residence
- Deliver integrated design outcomes for the new SLSC facility and beachfront open space
- Create an accessible connection between the headland and the Northern Reserve, connecting to Lakes Road
- Celebrate the coastal setting through public realm design character
- Regenerate regionally significant coastal vegetation and draw the character into the reserve.

Identified outcomes

Key outcomes identified in the Woolgoolga Town Centre Masterplan for the Beach Reserve included:

- A hard treatment edge to Beach Street verge to facilitate community events and promenading; A multiuse plaza or 'town square' with distinctive, locally resonant shade structures that can be used for a range of community events
- Pathways enhancing the Solitary Islands Coastal Walk including a series of lookouts and seating opportunities.
 Shared paths are to be a min. of 3m in high pedestrian use areas, with a min. of 2.4m in other areas
- Integrated artwork elements into key nodes and gathering points
- New tree and landscape planting and selective underpruning of existing mature trees to open up views
- High quality public amenities
- Provision of inclusive parking, boat trailer parking and an area for overflow boat trailer parking
- Introduce a simple, coordinated signage and lighting strategy to meet community safety expectations
- Ensure a large, open lawn area is maintained and set up for community events, informal recreation, markets ect.
- Provision of event infrastructure such as power, water and signage.





Strategic Context

The Endorsed Plan of Management

The Woolgoolga Beach Reserve Plan of Management 2016 provides a framework for the future management, use and development of the southern section of the Woolgoolga Beach Reserve.

Council has endorsed the Plan and is seeking the approval of the Plan by the Minister for Crown Land.

The key plan extracted from the document is shown adjacent.







Woolgoolga Beach Reserve – Community engagement

Issues consolidation report

1,153 dots used

1,019 on images

134 on comments

1 Issue support (dots) – by poster category

	18 May	19 May	Total / top 10	
Celebrating our local culture				201
Public artwork (incl artwork and historic objects / local heritage)	5	39	44	
Flexible open lawns for activities	8	30	38	
Flexible civic space for events	11	36	47	
Interpretive and interactive signage	6	16	24	
Marine Rescue & SLSC	1	4	5	
Curry Fest	1	12	13	
Markets	1	15	16	
Surf school	2	12	14	
Beachside plaza				182
Tree planting for shade	4	31	35	
Places to sit / gather	6	26	32	
Lawns for park events	11	10	21	
Large shade structures	1	17	18	
Temporary plaza activities (Curry Fest image)	2	4	6	
Groundplane artwork		1	1	
Iconic shade structures		8	8	
Beachfront activation	4	8	12	
Night-time activation opportunity	11	26	37	
Signage & wayfinding	3	9	12	
The natural environment				181
Pedestrian path set back from the edge	6	27	33	
Large shade trees (incl image 4)	4	41	45	
Shade on the beach edge	1	24	25	
Hard edge to beach	4	7	11	
Soft edge to beach (incl image 5)	4	30	34	
Norfolk pines (image 1)	1	20	21	
Tuckeroo on shop-side footpath (image 2)		1	1	
Natural vegetation (image 3)	1	10	11	

Accessibility for all				190
Upgraded path networks	7	34	41	
Access for all	6	26	32	
Ramp access to the beach	4	22	26	
Lighting along pathways	5	10	15	
Signage and wayfinding	1	3	4	
Connective foreshore park, headland and Solitary Islands Walk	17	51	68	
Lack of visual connection	2	1	3	
Steep non-conforming ramp	1		1	
Park infrastructure				139
Bike parking & repair stations	4	3	7	
Public bike hire	1	1	2	
Unique furniture		2	2	
Lighting	10	11	21	
BBQ & picnic facilities	10	13	23	
Flexible furniture		3	3	
Shade structures	6	10	16	
Upgraded playground	14	20	34	
Exercise stations	8	16	24	
Existing Beach Reserve		9	9	
Existing playground	1	4	5	
Existing BBQ facilities	1	2	3	
Public amenities				68
Changing Places equitable facilities	1	18	19	
Cool loos		7	7	
Close to beach	1	18	19	
Lightweight and naturally ventilated	3	4	7	
Toilets with other facilities – multi use verandah		1	1	
Toilets with other facilities – Lookout / activation (pop-up kiosk)	3	5	8	
Toilets with other facilities – Amphitheatre	2		2	
Existing amenities block	1	3	4	
Is there a need for a second amenities block?		1	1	

Parking close to the action		51		
Kerb and hardstand edge to parking		10	10	
Retain existing grassed area to parking		8	8	
Disabled parking	2	7	9	
Parking close to the action	4	11	15	
1. The proposed boat trailer and car parking area (opposite new SLSC)		6	6	
2. Formalising the existing car parking area off Hofmeier Close		3	3	

2 Issue support (dots) – by frequency

	18 May	19 May	Total
Connective foreshore park, headland and Solitary Islands Walk	17	51	68
Flexible civic space for events	11	36	47
Large shade trees (incl image 4)	4	41	45
Public artwork (incl artwork and historic objects / local heritage)	5	39	44
Upgraded path networks	7	34	41
Flexible open lawns for activities	8	30	38
Night-time activation opportunity	11	26	37
Tree planting for shade	4	31	35
Soft edge to beach (incl image 5)	4	30	34
Upgraded playground	14	20	34
Pedestrian path set back from the edge	6	27	33
Access for all	6	26	32
Places to sit / gather	6	26	32
Ramp access to the beach	4	22	26
Shade on the beach edge	1	24	25
Interpretive and interactive signage	6	16	24
Exercise stations	8	16	24
BBQ & picnic facilities	10	13	23
Lawns for park events	11	10	21
Lighting	10	11	21
Norfolk pines (image 1)	1	20	21
Close to beach	1	18	19
Changing Places equitable facilities	1	18	19
Large shade structures	1	17	18
Shade structures	6	10	16
Markets	1	15	16
Parking close to the action	4	11	15
Lighting along pathways	5	10	15
Surf school	2	12	14
Curry Fest	1	12	13

Beachfront activation	4	8	12
Signage & wayfinding	3	9	12
Hard edge to beach	4	7	11
Natural vegetation (image 3)	1	10	11
Kerb and hardstand edge to parking		10	10
Disabled parking	2	7	9
Existing Beach Reserve		9	9
Retain existing grassed area to parking		8	8
Toilets with other facilities – Lookout / activation (pop-up kiosk)	3	5	8
Iconic shade structures		8	8
Cool loos		7	7
Lightweight and naturally ventilated	3	4	7
Bike parking & repair stations	4	3	7
1. The proposed boat trailer and car parking area (opposite new SLSC)		6	6
Temporary plaza activities (Curry Fest image)	2	4	6
Existing playground	1	4	5
Marine Rescue & SLSC	1	4	5
Existing amenities block	1	3	4
Signage and wayfinding	1	3	4
Flexible furniture		3	3
2. Formalising the existing car parking area off Hofmeier Close		3	3
Existing BBQ facilities	1	2	3
Lack of visual connection	2	1	3
Public bike hire	1	1	2
Toilets with other facilities – Amphitheatre	2		2
Unique furniture		2	2
Steep non-conforming ramp	1		1
Groundplane artwork		1	1
Tuckeroo on shop-side footpath (image 2)		1	1
Toilets with other facilities – multi use verandah		1	1
Is there a need for a second amenities block?		1	1

2 Issue consolidation

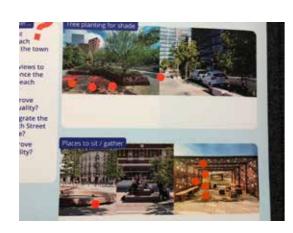
Issue	Comment
General	 A versatile park land event area with natural shade, structures with lighting + BBQ areas Do not copy Jetty model (3 dots) Not like Noosa / Gold Coast Market "safe" nature of Woopi Beach – ideal for families with small kids "Community" feel in Woopi – friendly & approachable nature
No change	 Keep our reserve as it is (4 dots) Don't change it Save your money and leave as is – a beautiful place already
Spaces	 Expanding outdoor events / concerts / I believe too large an area for ball games could be a hazard Space for open air activities (movies, concerts) (1 dot) Open space for picnics Bocce Italian bowling lawn/circle (Adelaide Parklands). This game invites people/teams from different states and country towns (1 dot)
History	Surf club • Memorial NOT Cenotaph located on old surf club site (1 dot) • Retain lease lot for the community after the original Surf Life Saving Building is demolished • Patrol deck. Can we use some timber from present clubhouse in new Patrol Deck? It would be a continuation theme. • Memorial for old surf club – large printed photos of old club and members (similar to convict park in Newcastle) Indigenous • Local heritage to include Aboriginal acknowledgement • Bring in the indigenous culture and their ideas (3 dots/ticks) Buster • Dedicated sign explaining history and directions to Buster, perhaps the image or model of its original form • Notification of the Buster's heritage listing to be visible closer to Buster • History signs – especially for Buster General • WW1 Memorial – rebuild and relocate in the Reserve (old surf club site). 1922 at primary school) (1 dot) Celebrate local families' involvement (eg Norfolk Is Pines c 1939)
Trees	 Shade – do not remove Shade over playground is a must Yes to shade trees No to ripping out pines Cease to keep planting Norfolk Isl pines. Use our indigenous trees. Why does Council want our coast to look like Norfolk Island copy Indigenous peoples involvement / indigenous plantings Plant poincianas (1 dot) Major replant of existing species – Council nursery

	 Incorporate more pandanus pedunculatus (1 dot) and coastal prostrate banksias and big shade trees Do not cut down our trees (8 dots) More trees
Grass	 Some thought on how to maintain grass in a high traffic area (1 dot) Keep the trees as well as the grass (1 dot) Use buffalo grass for lawns (4 dots)
Protection	 Covered areas need a bit of protection from wind and rain, not so open as they are at APEX Park, Woolgoolga We do get winter and rain, but we still like to go out All weather protection rain, sun, wind (iconic structures) Erection of windbreak in the area of the old surf club, eg trees / structure Protection from southerly winds - freezing! More shade and seats in shade No to both shade structure images Shade please Integrated shade structures/trees (1 tick)
Maintenance	 Maintenance consideration of structures Must be easily maintained / management Easily maintained structures Park infrastructure to be vandal proof and secure
Markets	 No private markets (6 dots) Markets to be for charity only and community eg Curry Fest, not personal gain by any resident of community (3 ticks for that) Night markets Keep reserve as is. Limit use ie ONE MARKET per months, not three One good one monthly saves wear and tear of grass (3 dots)
Food / drink	 Small café similar to Supply at Jetty Small coffee/drink station near playground / beaches Like look of pop-up kiosk etc but not keen on more retail
Attractions	 Visitor information centre – make it easy to find (1 dot) Reconstruct old jetty with idea of whale watching advantage point (3 ticks) Jetty would encourage yachts to visit the area – and trawlers (co-ops) Viewing points Viewing platforms – more lightweight / natural
Dogs	 90% of beach now off leash for dogs. No more off leash. Too many dog attacks happening. Main beach should be dog free. Larger signs to inform of NO DOGS ALLOWED area. Society being terrorised by dogs. (9 dots supporting this) Clearer signage for No Dog areas, & on leash areas, plus police the regulation Keep beach dog lead free – no lead required Include a fenced off-leash dog park Signs re dogs leash areas at entry points to beaches, pathways etc

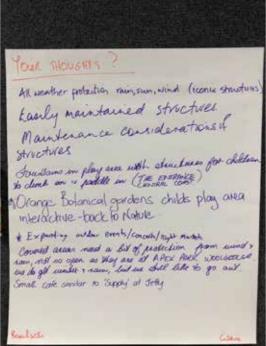
	More bins/bags for dog poo
Beach edge	 Protect the foreshore edge / management Yes to a hard edge beach but I am not keen on this particular structure Erosion is a big issue Look at Merewether Beach, Newcastle beaches – great mixed use of hard / soft edges with neutral materials in raw concrete & solid, large scaled hardwood benches etc Must consider rock wall to hold dune and stop erosion. Otherwise in 20 yrs your efforts will be in vain (1 dot) Soft edge but with trees and pathway (bikes) Keep a natural beachfront – natural vegetation – no concrete or rock walls Consider erosion from the sea
Connective foreshore	 Board walk main beach, with seating and exercise equipment (6 dots) Path all the way from the headland (2 dots) Boardwalk will also attract walker, bike riding & running zone Cycleways to be all inclusive, not just for adults – with children – as in cycle way at Jetty Foreshore Need safe network of paths to connect to cycleway to lake We don't need lots of paved paths Formal boardwalk from lake along beach, up and around headland Connectivity of walkways from Hofmeier thru' to headland along the half finished Whale Walk Connection to headland (example Knobbies Beach) Pollack Esp board walk link between lawns (3 dots) Corner link off Pollack into Carrington – too narrow Cantilever boardwalk path? Link Lake Road access for safety and connectivity ie cycle path/walkway
Signage / wayfinding	 Don't get stuck on technology it "opps" – flat battery, no service It's good to be able to read a sign (hi-tech issues)
Rock pool	 Ocean bath at southern corner of Woolgoolga Main Beach (2 dots) Southern corner – bad rip Tidal pool at Second Beach (1 dot) Rock pool (1 dot) Rock pool on the beach (3 dots)
Playground	 Shaded playground!! (2 dots) Decent shade at playground Big hamster wheel Child safety – moving playground and toilets next to Beach St is a Big No! Orange Botanical Gardens child's play area interactive – back to nature Equipment for all ages –0 – 18 years – not enough facilities here for older kids Fountains in play area with structures for children to climb on & paddle in (The Entrance, Central Coast)
Toilets	 Yes, a need for second toilet block Amenity block to be user friendly, safe for all to use anytime of the day A "safe" style building in design amenity

	Of the 7 images for Cool loss 4 data for image 1 / 2 for image 2
	 Of the 7 images for Cool loos, 4 dots for image 1 / 3 for image 3 Toilets to be nearer to the beach (1 dot)
	• Incorporate toilets (public) into surf club plan to free up space (1 dot)
	Keep public amenities close to beach
	Disability toilet to small access area
	 Crescent Head has a stylish new amenities block with locking shower cubicles. Trouble is there are no external showers
	when the internal showers are in use. Surfers miss out
	Bonnieville camp area Sydney has an excellent design amenities block that discourages antisocial behaviour as it has minimal (but enough) privacy
	24hr access for toilets/showers
	The surf club building should include public toilets (5 dots)
	Automated toilet locking system
	Do not put toilets near beach (1 dot)
	Put toilets next to surf club (16 dots)
Showers	If there were pay hot showers inside this might be a fund raiser
	Very necessary to retain internal showers
	Showers built over pits to capture sand
Beach facilities	Safe locker facilities for beach goers to store valuable wile swimming
	Boat wash area
	Fish cleaning table relocated t Arrawarra (3 dots)
	Dog water bowls and tie-up points
	Hire bike idea would end up being an eyesore
Exercise	Exercise station – great idea
	Exercise station to cater for elderly
Sculptures	No sculptures or art work – (load of shite) – put \$ into kerb, guttering, footpaths and loo (3 dots in support)
	No sculptures
Garbage / rubbish	Boundary waste retention fence – north east
	Garbage bins
Drainage	Redrain area in north west (current Marine Rescue)
	Consider current drainage pattern, conflicting with the development occurring on the ridge (2 ticks for this)
Access	Wheelchair access for both ends of ramp close
	Put in one suitable ramp (to beach)
Facilities	Ensure facilities for families to enjoy area eg BBQs + playground
	BBQs and open seating tables
	Ample beach access and walking pathways
	Battery recharge points for wheelchairs
Parking / traffic	
Parking / traffic	Hofmeier Close should be better utilised to integrate fisho's and general public needing access to the beach. Take stress

	surf club ramp to meet this need. More parking in Hofmeier Close Safe parking for young Mothers! Too much parking close to action will or may cut down on leisure area Consider placement of parking Leave parking in town alone (Beach Street and Market Street) (3 dots) Consider the impact of larger vans and bigger vehicles turning into Wharf Street into caravan park More parking (1 dot) Don't take parking for bike rank – put it over the road at swimming pool With upgrade – more visitors – not enough parking – maybe new car park in front of pool area (1 dot) Keep parking numbers as is Keep parking facilities for local fishermen & trailers. It's only going to get more popular and Arrawarra is already at capacity (1 dot) Some long vehicle >6m caravan day parking sports as per Crescent Head (1 dot) Keep all existing parking close to Reserve Parking around the new surf club needs to take into account boat trailer parking (3 dots) Boat trailer parking (not indicated) There will not be enough parking when area is enhanced for increased patronage Roundabout needed at Beach & Carrington Street intersection to ease future traffic congestion (2 dots)
Lighting	 Integrated lighting (Jetty Foreshores) Keep lights on
New surf club / access / toilets / restaurant / viewing	 Don't build surf club – keep the grass New surf club with bar and restaurant to enjoy ocean views (none available currently). This set-up will allow loads of parking necessary & open parkland/beach reserve area for BBQ, playground & entertainment. Surf club is built with public money & on leased land. So all public should be able to enjoy the position not just lifesavers. Put in a restaurant Should be new surf club with restaurant upstairs, like the Gold Coast. Family friendly, and then self funding (5 dots) Café and views to beach @ surf club (1 dot) Restaurant on surf club Surf club restaurant Develop the surf club to have a bar and restaurant overlooking beach Restaurant on top of surf club with bar (1 dot) Balcony for alfresco dining – surf club lookout – needs cover – locals meeting place Café/restaurant on life saving club (1 dot) A lovely rooftop bar overlooking ocean (3 dots) Club DA needs to be on the plans No commercial enterprise in surf club – allow free enterprise to survive/thrive (4 dots)
Caravan park	 Don't build cabins on old site of surf club. Retain lease and use for public purpose – not caravan park use (4 dots) Move caravan park around to Wharf Street Move caravan park to the lake, expand that one, and have a boardwalk along the beach to the existing caravan park/Beach Reserve area

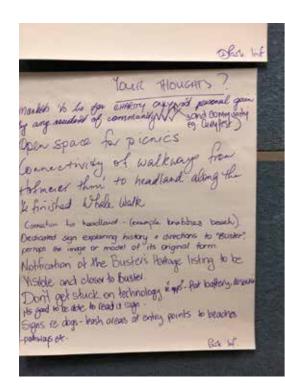


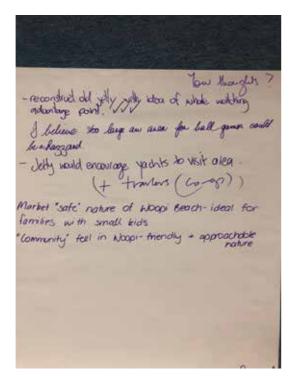










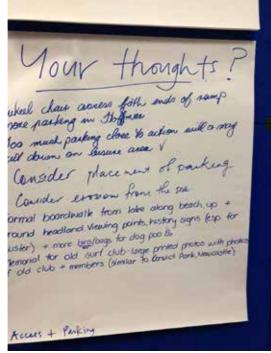


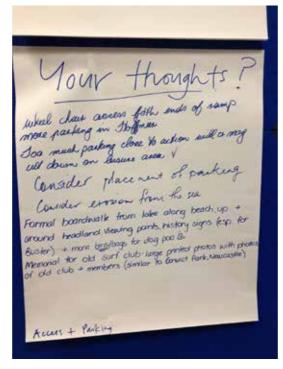


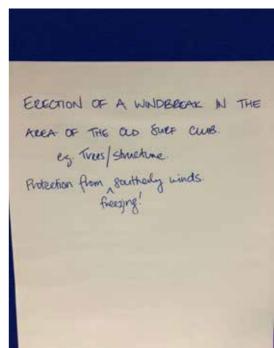








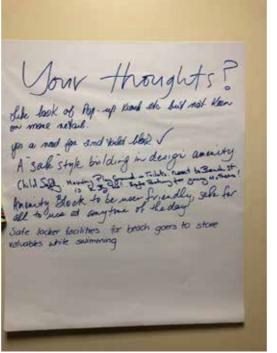


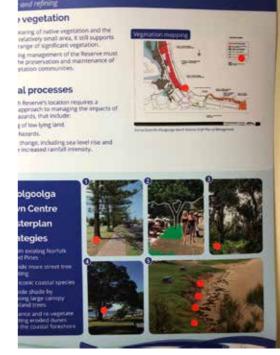


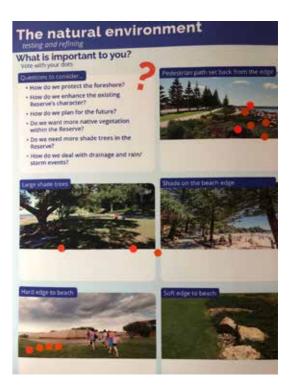


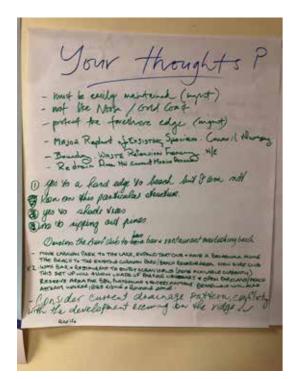


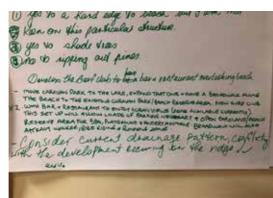


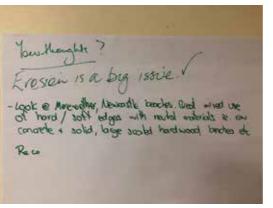








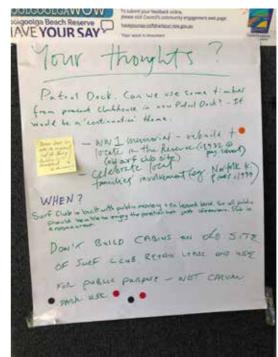


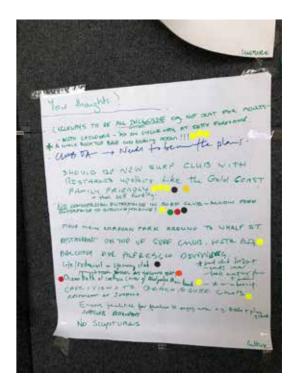




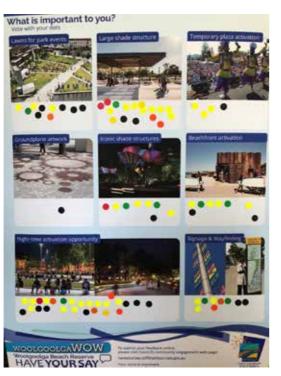


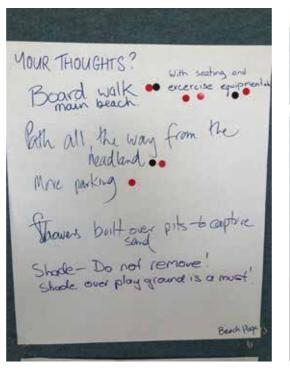


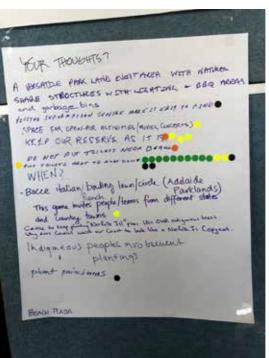


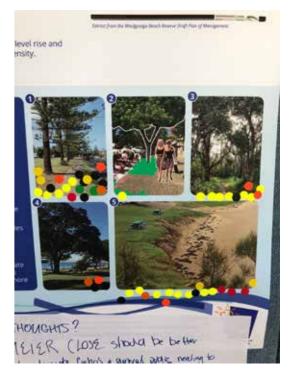




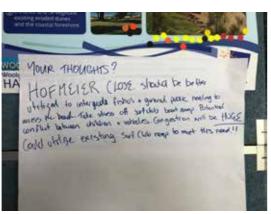






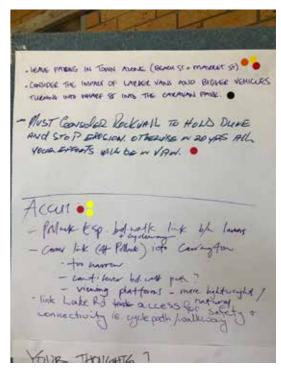


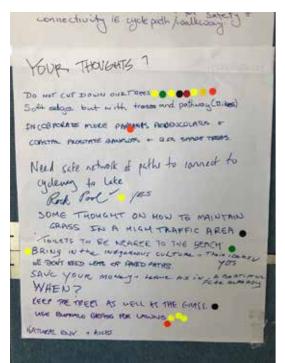




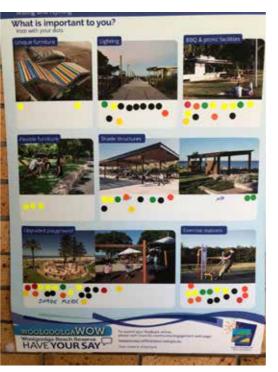


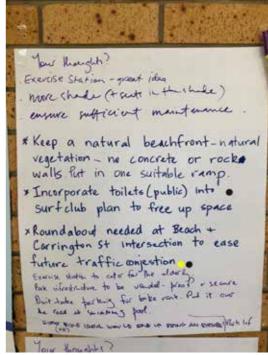


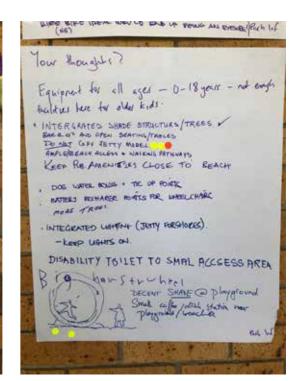




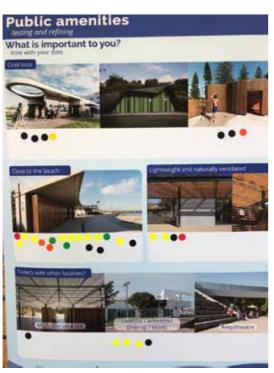




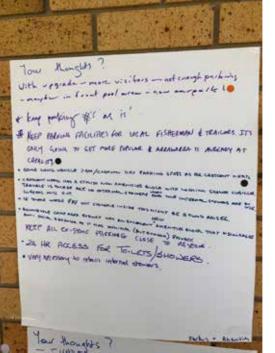












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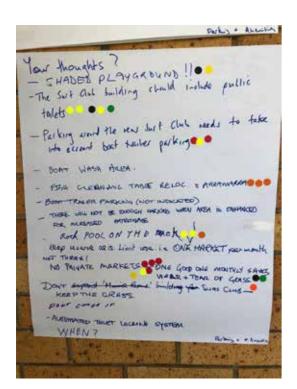
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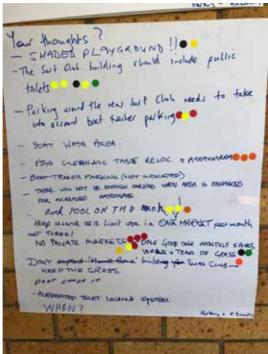
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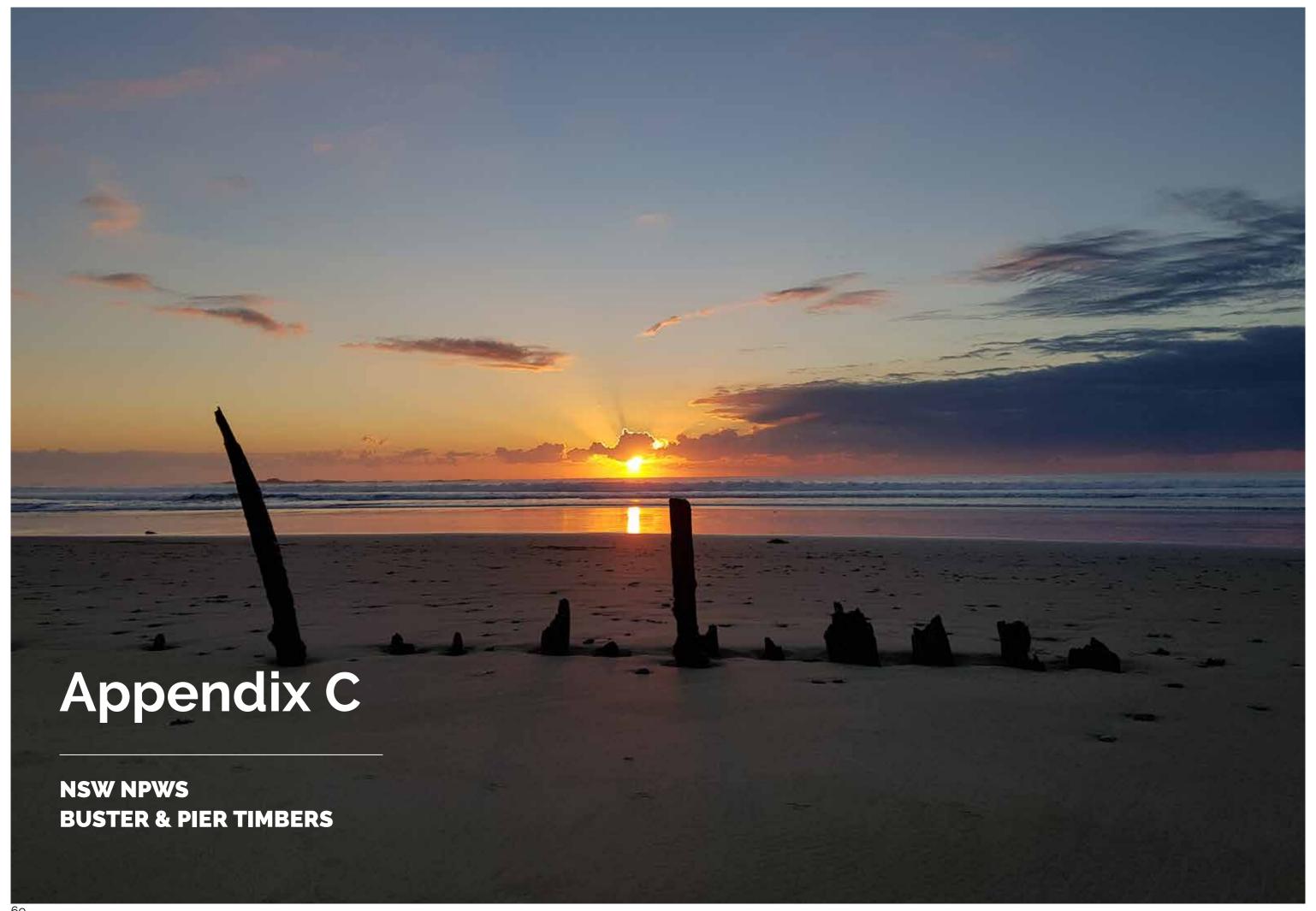
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Buster piece 1



Woopi pier piece 1





Woopi pier piece 2





Approximate size and dimensions:

Approximate size and dimensions:

1.5 m long.

"Buster" piece 1: length 3.7 m approx. 300mm "Buster" piece 2: length 2.9m approx. 300mm

"Buster" piece 3: 2 pieces of timber joined together by metal spikes approx. 1m wide, 250mm deep and

Woolgoolga Pier piece 1: length 4.5m diameter 550mm

Woolgoolga Pier Piece 2 : length 3.2m diameter 450mm





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