

# ADL22088

## PORT WILLUNGA NORTH COAST PARK CONCEPT DESIGN




THE CITY OF ONKAPARINGA  
21 DECEMBER 2023

PROJECT #	ADL22088
STATUS	FINAL
ISSUE	P15
DATE	21/12/2023
PREPARED BY	LS / AT
APPROVED BY	TC



**‘A place of significance with a rich cultural heritage fabric’**





**‘One of only few remaining naturalised  
creek crossings along Coast Park’**





# Contents

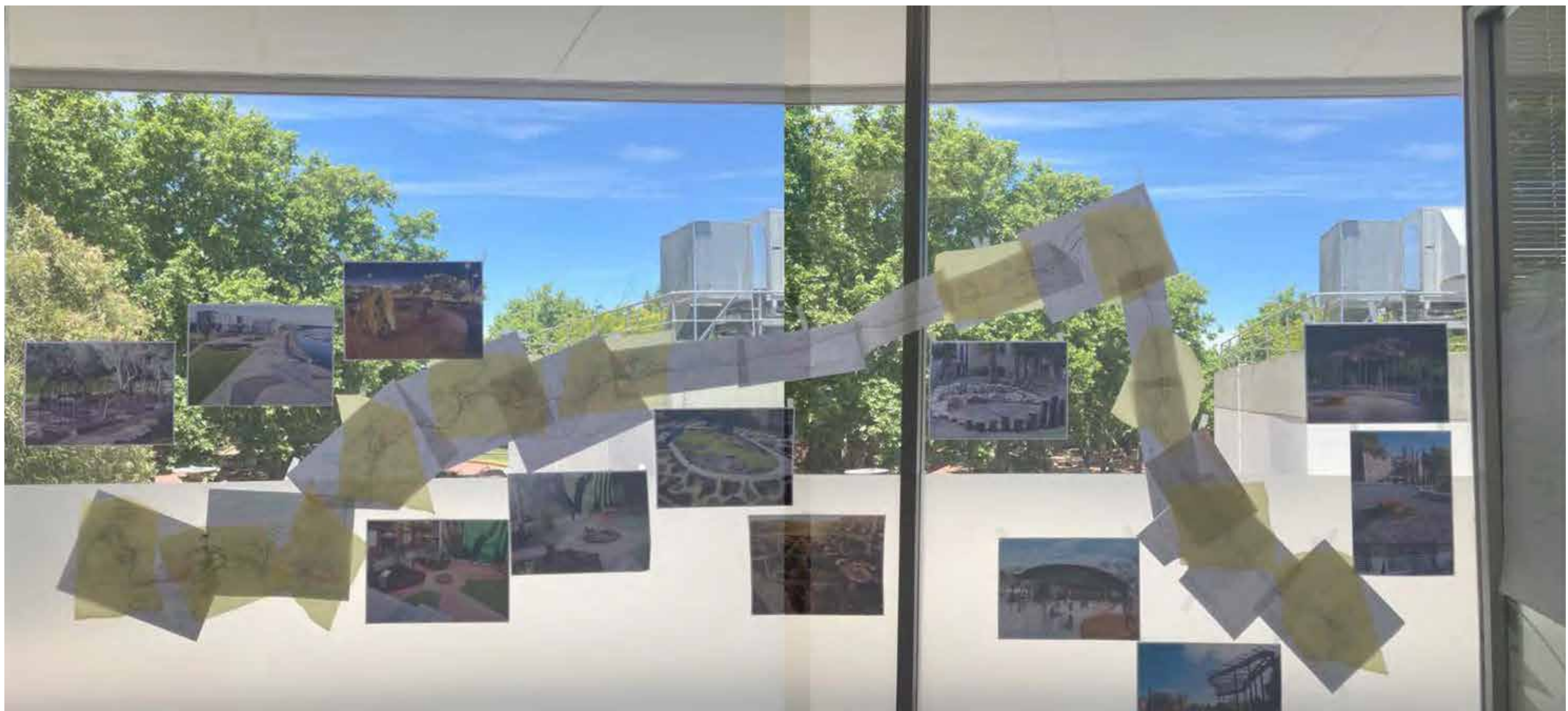
Previous Engagement	5
Cultural Context	6
Coast Park Trail	7
Nodes	14
Vincent Terrace Parking	24
Material Palettes	25
Planting Palette	27
Appendix - A (Civil Works)	
Appendix - B (Structural Works)	



# Previous Engagement

This concept report builds upon and acknowledges the previous Stakeholder and Community engagement and concept design work undertaken to date.

This concept report has been co-developed by the Design Team of ASPECT Studios and CRED with the City of Onkaparinga.

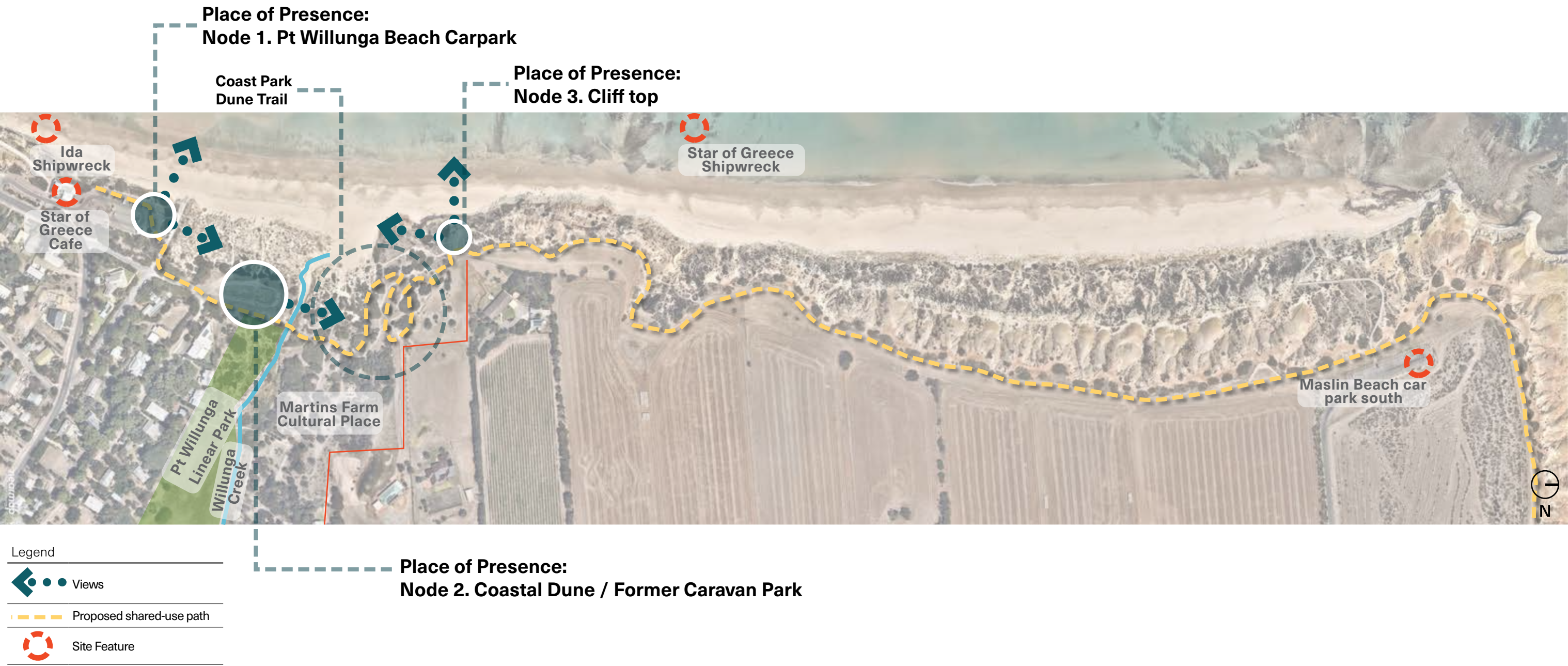




# Cultural Context

The overarching design recommendations are:

- The land, sea and sky primarily speak for themselves
- Constructed elements speak of the Place and use materials of, or to reflect, Place
- Infrastructure to be used as ecological-cultural presentation elements where possible
- Onsite ecological and cultural presentation be conservative but adequate with the opportunity to be supported by online and virtual engagement
- Existing onsite signage be consolidated and presented in a new standardised format





# Coast Park Trail - Similar sites of environmental significance

## Tennyson Dunes



- Last remaining remnant coastal dune in the metropolitan area with fauna and flora of high significance.
- Constructed at-grade 'Discovery Trail' meanders along historical alignment
- Path varies in width to minimise impact on existing vegetation while maintaining safe sightlines and user 'pull-over' bays

## Port Willunga



- A site of high environmental importance within the Willunga Basin includes coastal cliffs and dunes, and creek and estuary ecological systems
- Layers of rich Indigenous & post-colonial heritage
- A section of proposed Trail has steep existing grades and requires thoughtful consideration to ensure user safety



## Field River



- Constructed Trail with mix of at-grade and boardwalk sections
- Path alignment achieves minimal impact on sensitive areas of ecological significance



# Coast Park Trail Overall Path Alignment Sheet 1

8





# Coast Park Trail Overall Path Alignment Sheet 2





# Coast Park Trail Overall Path Alignment Sheet 3





Coast Park Trail  
Overall Path Alignment  
Sheet 4





# Coast Park Trail Overall Path Alignment Sheet 5



Maslin Beach





# Coast Park Trail Overall Path Alignment Sheet 6

Maslin Beach

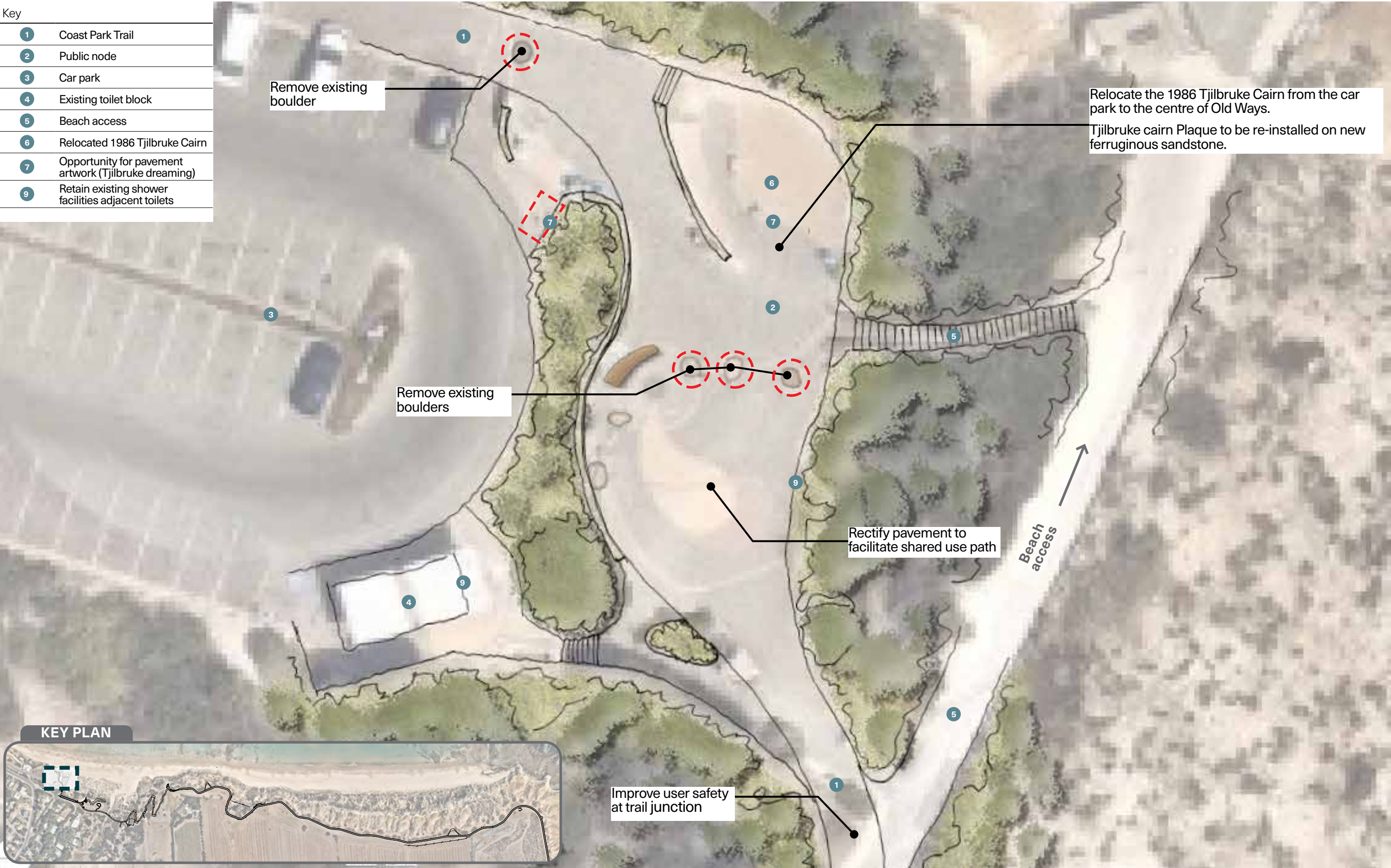




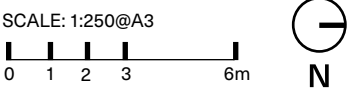
# Node 1: Pt Willunga Beach Carpark

Key

1	Coast Park Trail
2	Public node
3	Car park
4	Existing toilet block
5	Beach access
6	Relocated 1986 Tjilbruke Cairn
7	Opportunity for pavement artwork (Tjilbruke dreaming)
9	Retain existing shower facilities adjacent toilets

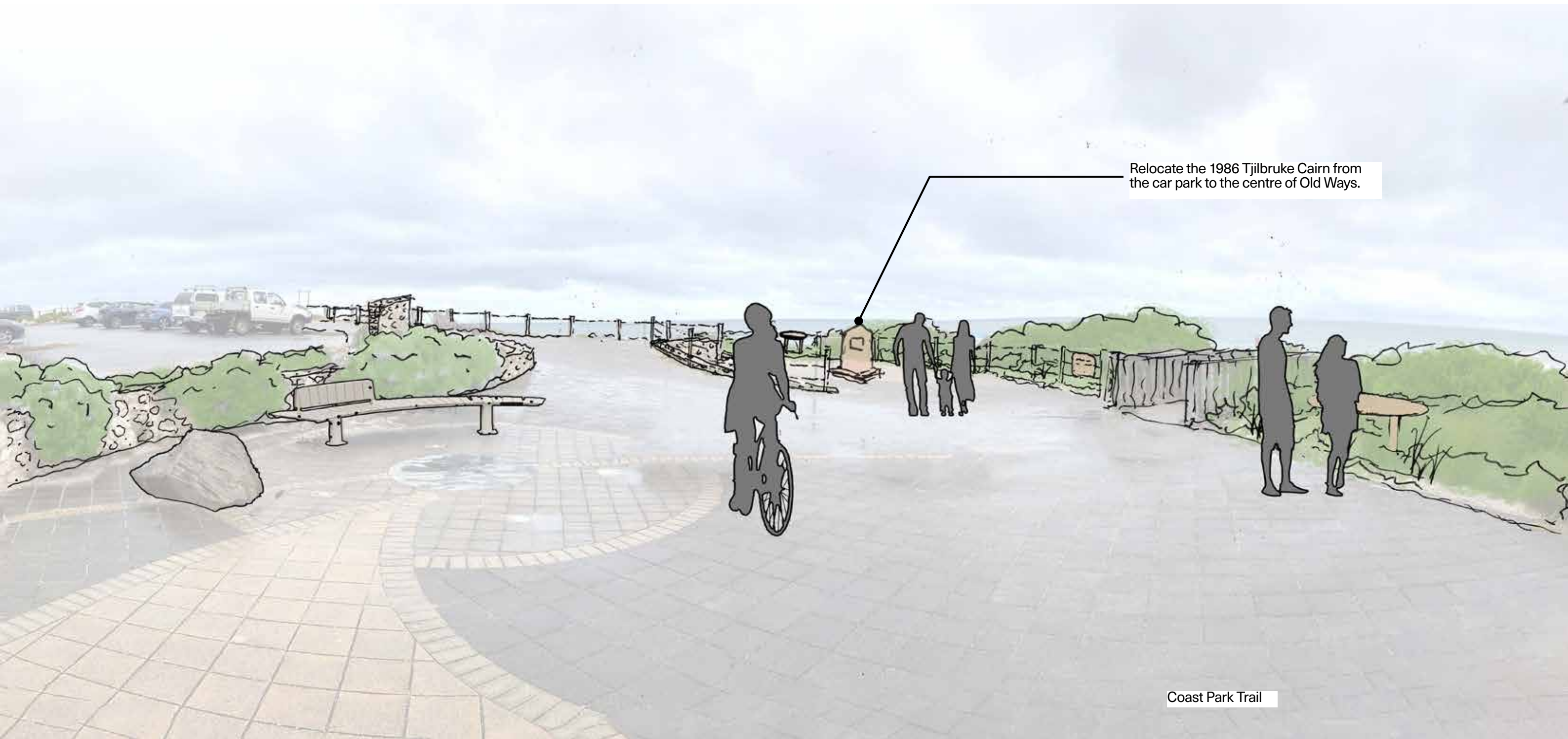


Cultural interpretation elements to be developed. Refer to Cultural Mapping Report for rationale of propositions





# Perspective View - Node 1



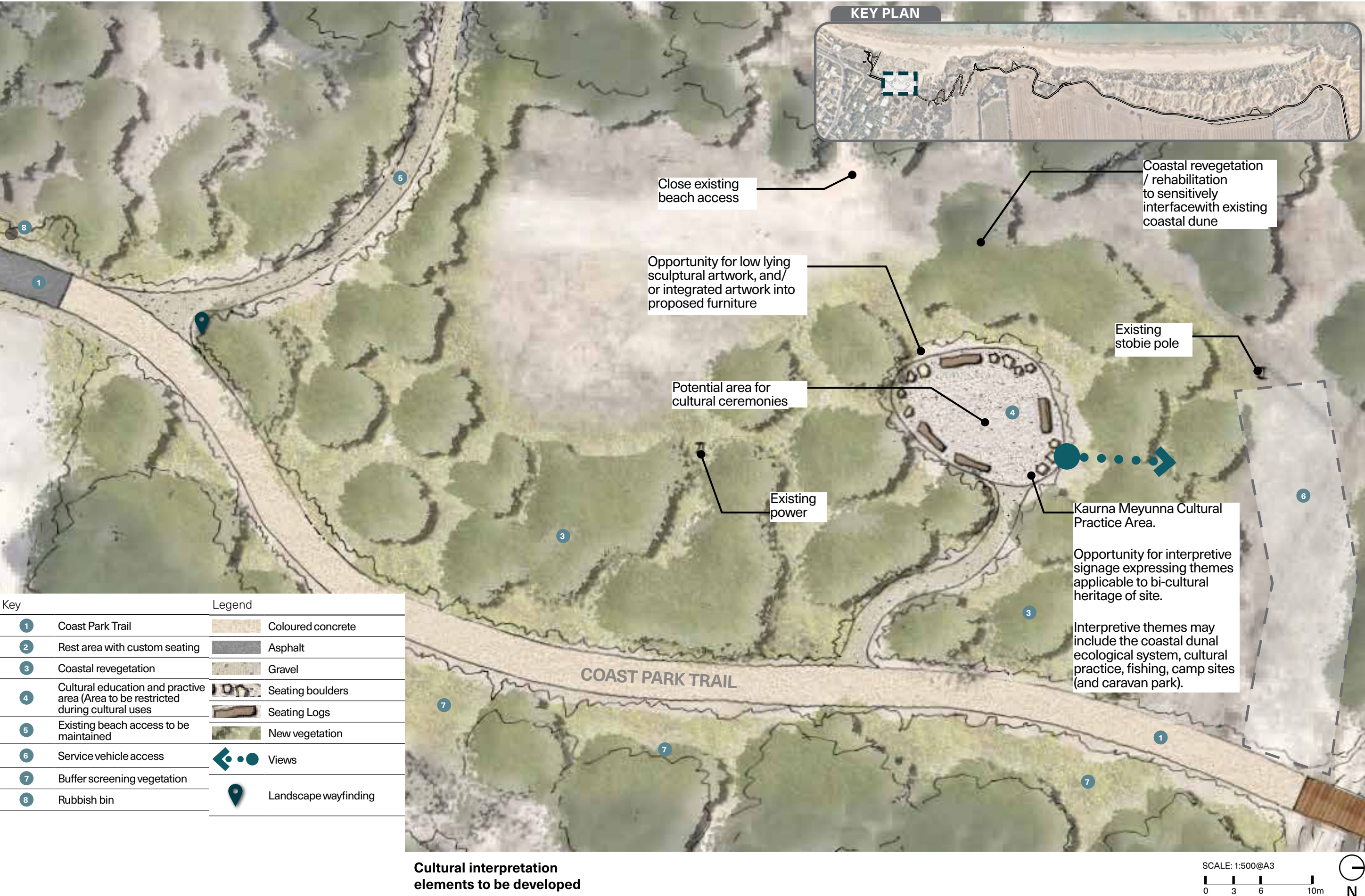
Relocate the 1986 Tjilbruke Cairn from the car park to the centre of Old Ways.

Coast Park Trail

Cultural interpretation  
elements to be developed



# Node 2: Coastal Dune / Former Caravan Park





# Perspective View - Node 2



Cultural interpretation  
elements to be developed



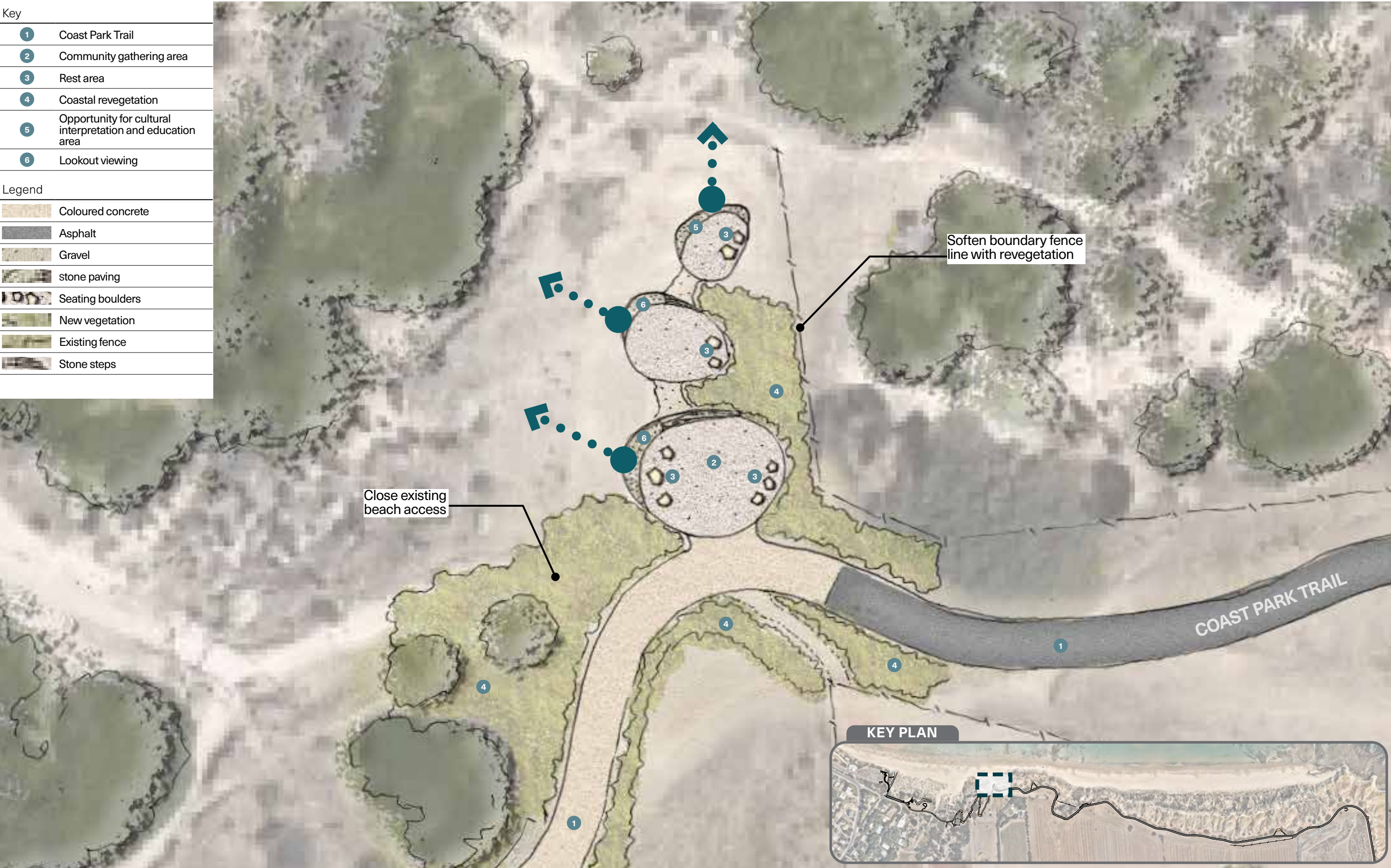
# Node 3: Clifftop

Key

1	Coast Park Trail
2	Community gathering area
3	Rest area
4	Coastal revegetation
5	Opportunity for cultural interpretation and education area
6	Lookout viewing

Legend

	Coloured concrete
	Asphalt
	Gravel
	stone paving
	Seating boulders
	New vegetation
	Existing fence
	Stone steps



Cultural interpretation elements to be developed



# Perspective View - Node 3



Cultural interpretation  
elements to be developed



# Coast Park Trail

## Dune Trail Planning

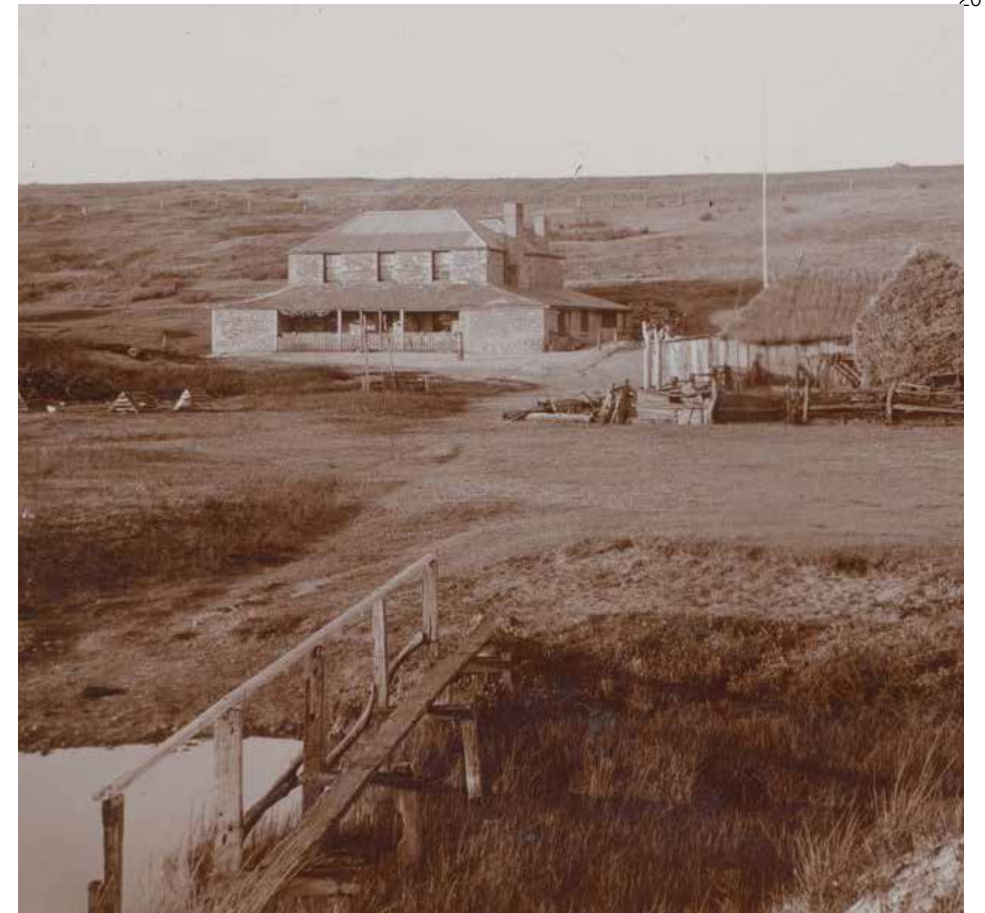
Concept development of the section of Trail from Node 2 (coastal dune / former caravan park) to Node 3 (cliff top) is currently on-going.

Key considerations and objectives of the proposed alignment include:

- Minimise impact on existing vegetation and coastal dune ecology
- Minimise impact on known cultural heritage sites
- Reduce Trail / boardwalk grades to enable compliance with Australian Standards and Coast Park specification
- Balance extent of elevated boardwalk and at-grade path to achieve the above objectives while minimising cost
- Improve the visual impact of the boardwalk (reduce high elevations)
- Standardize segments of elevated boardwalk to simplify constructability and reduce cost
- Strategies to minimise the conflict between different user types (pedestrians and cyclists)

Although interpretation of Martin's Farm and Uncle Tom's Cabin (Pier Hotel) are not within the scope of this concept report, there is great potential to interpret its rich settler history. Future opportunity exists to stabilise the ruin, and establish a possible minor path link through the building footprint. Interpretive signage may include historical photograph and painting of the building, surrounding structures and landscape.

Interpretation of the First Nations and ecological significance of the site should also be interpreted.



Pier Hotel-Uncle Tom's Cabin, c1910 (SLSA B-25664)



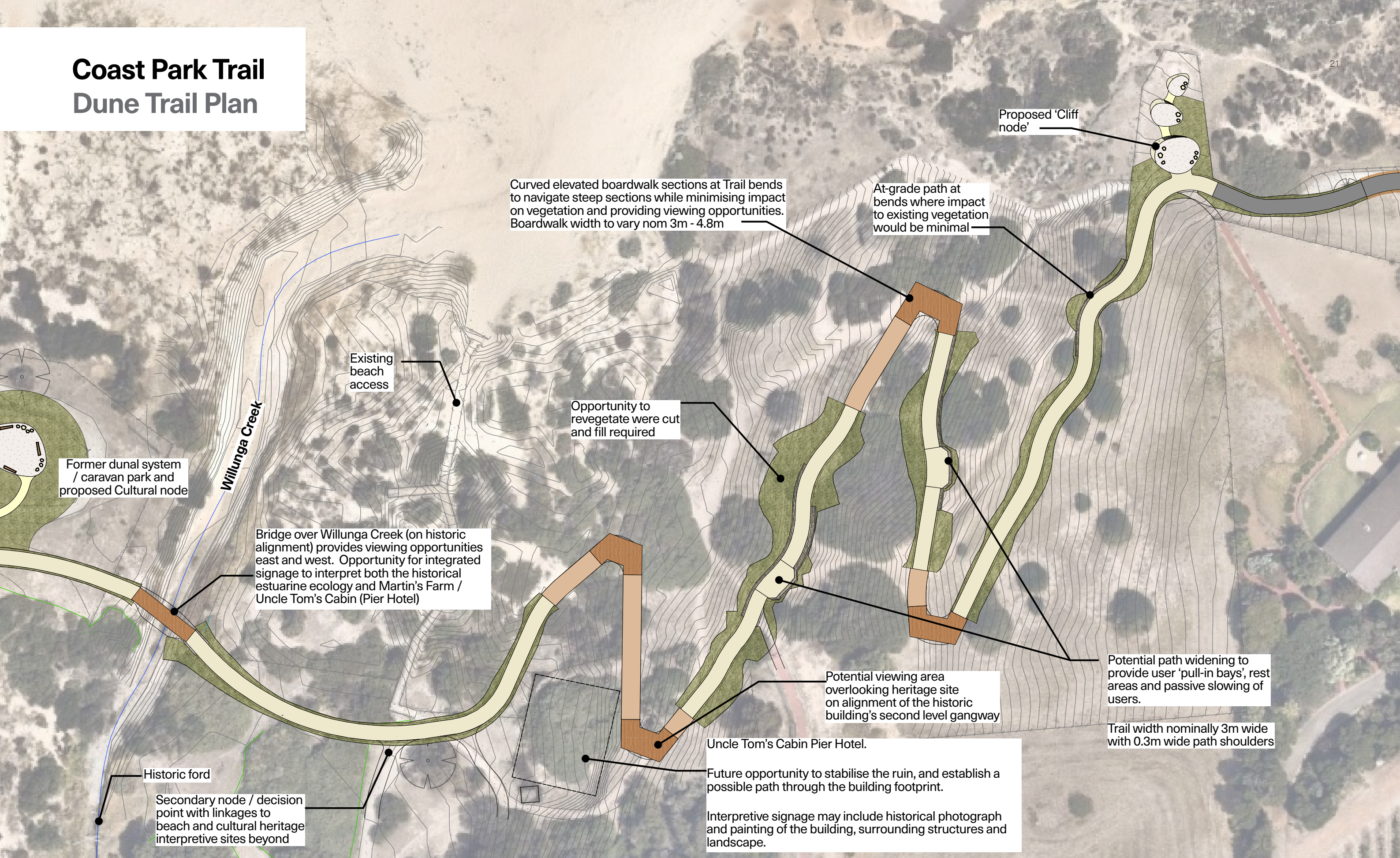
Miss Polkinghorne's Farm. c1950 (Anton Riebe, source Gordon, 1999)



# Coast Park Trail

## Dune Trail Plan

21





# Coast Park Trail

## Dune Trail Perspective View - Aerial



View looking north east



# Coast Park Trail

## Dune Trail Perspective View - Willunga Creek Bridge

23










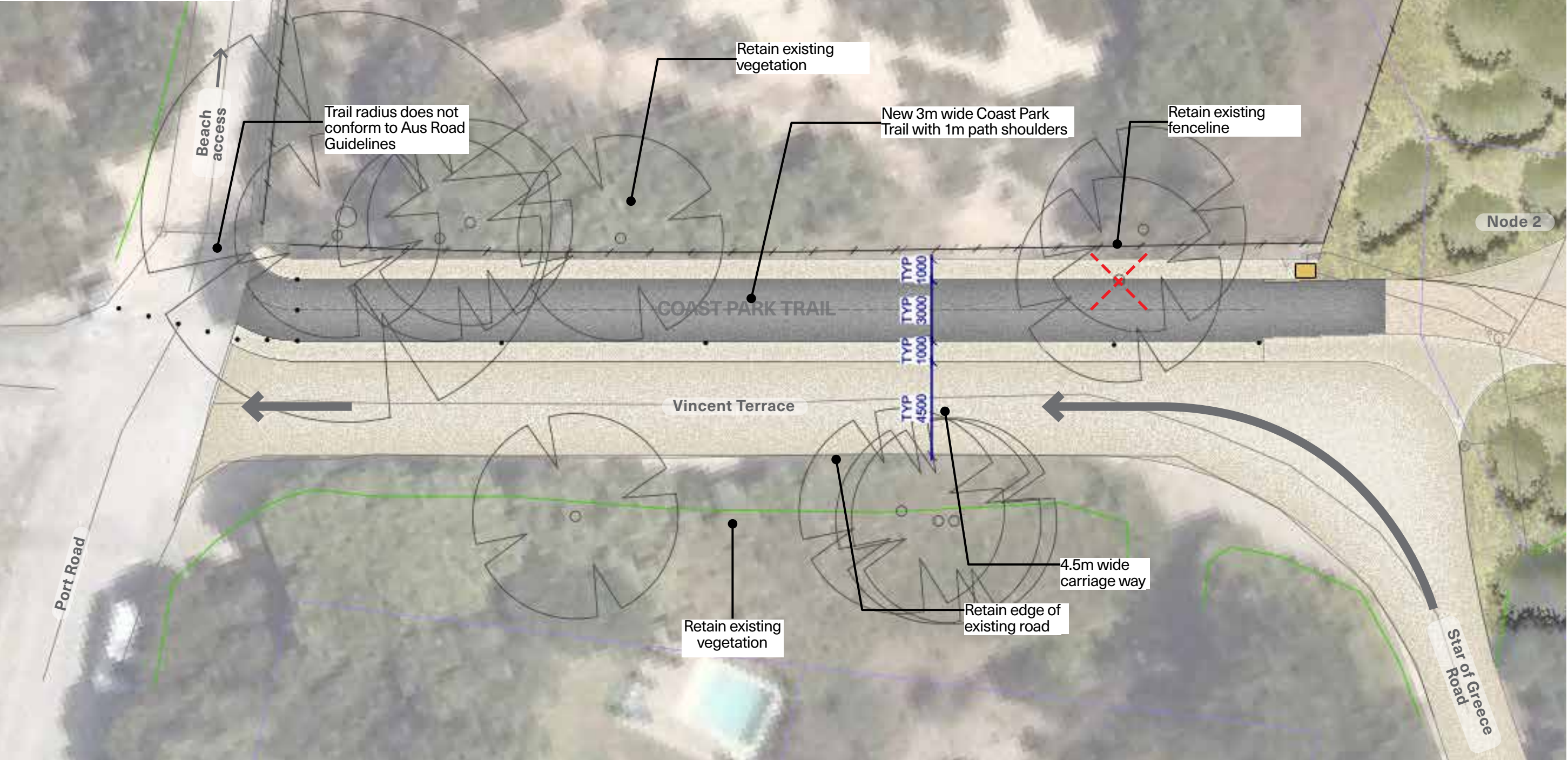
View looking north



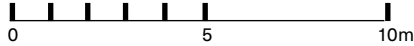
# Vincent Terrace Parking

Legend

	Coloured concrete
	Gravel
	Asphalt
	New vegetation
	Existing fenceline
	Bollard
	Bin



SCALE: 1:200@A3





# Surface Materials Palette



Suggested boardwalk deck material: Traxion mineral-fibre composite decking, colour 'Capri'



Coloured Concrete



Shell Grit / Compacted limestone



Sand blast concrete pavement



Natural Stone



Yankalilla Quarry sandstone rubble paths

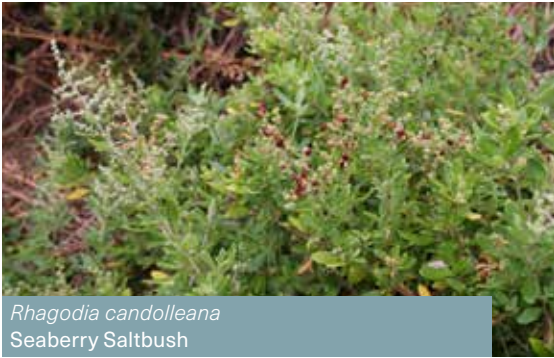


# Furniture and Other Materials Palette





# Planting Palette





**ASPECT Studios**

Level 2, 140 Rundle Mall, SA 5000

T: +61 8 8231 9985

E: [adelaide@aspect-studios.com](mailto:adelaide@aspect-studios.com)