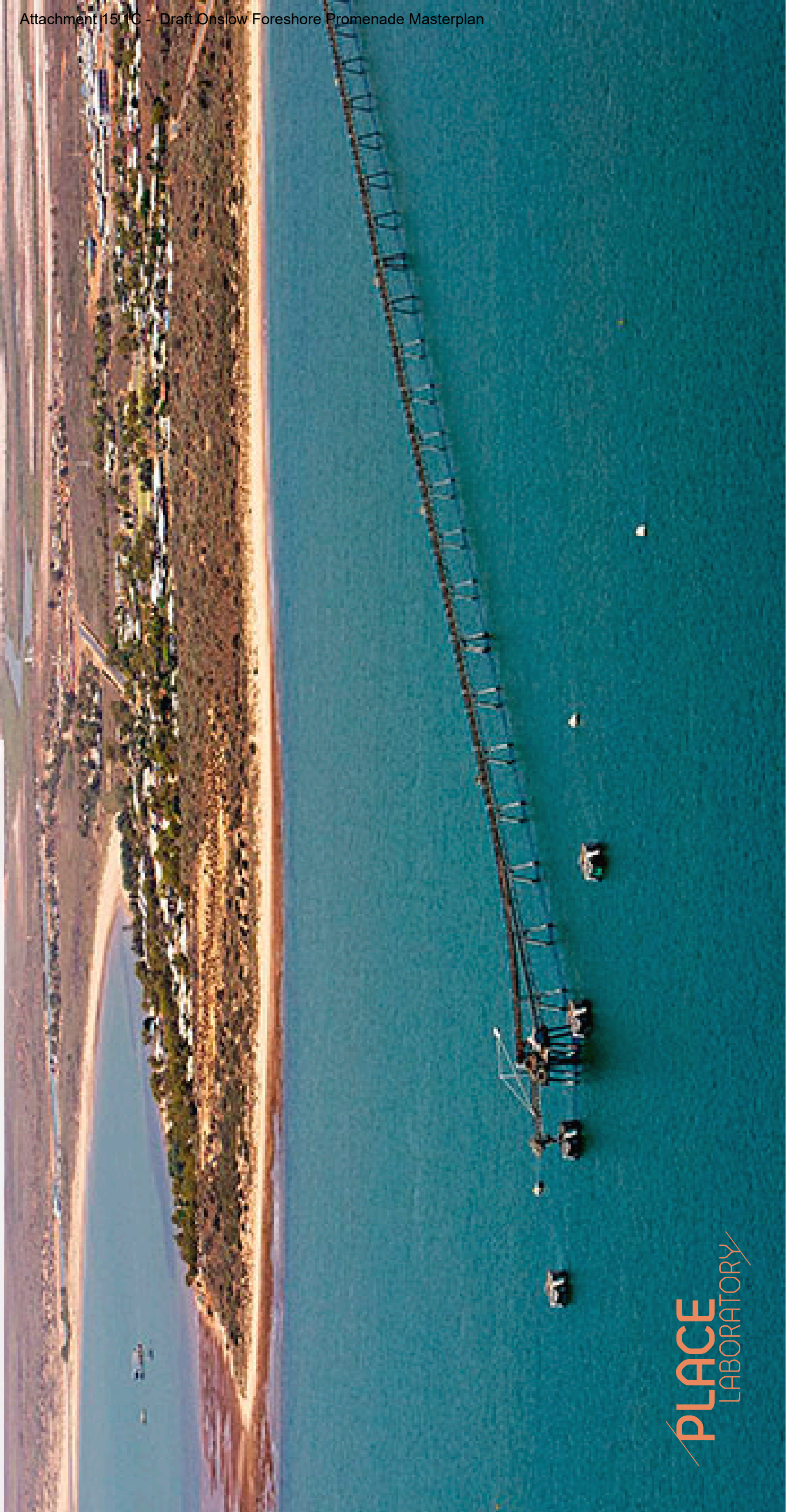


ONslow PROMENADE

Landscape Concept Design

NOVEMBER 2021

Attachment 15.1C - Draft Onslow Foreshore Promenade Masterplan





PREPARED FOR



shire of Ashburton
reef to range

DOCUMENT CONTROL

NAME OF PROJECT	Onslow Promenade				
DOCUMENT REFERENCE	2170-PL-01-LANDSCAPE CONCEPT PLAN				
DOCUMENT SIZE	A3 and double sided prints				
PROJECT NUMBERS	2170				
PROJECT TEAM	AC, NP, RT, CS				

REVISION	DATE ISSUED	ISSUED FOR	PREPARED BY	APPROVED BY	SIGNATURE	DATE APPROVED
A	29-11-2021	REVIEW	AC,NP,CS	SS		29-11-2021

Acknowledgment of Country

PLACE Laboratory acknowledges the People of Thalanyji country as the Traditional Custodians of the land and waters on which the project is located. We pay our respect to their Elders, past, present, and emerging and thank them for their continuing connection to country, culture and community.

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Site History + Background

Living Culture

The Thalanyji, Nhuwala and Burama people have lived in the Onslow area for thousand of years. Onslow is also a special place for other indigenous people from the inland Pilbara. Their groups, with their own language, stories, spiritual beliefs and social relationships, trace their heritage and culture through a connection to the land over this time.

Amongst the coast and plains, rivers and ranges are places of special significance – sites of birth and burial, and camping, hunting, law and ceremony grounds.

In 2008 the Federal Court recognised the Thalanyji people’s native title rights over 11,120km2 of pastoral land and places in and around the Onslow townsite and port.

Their culture is alive and thriving in Onslow and will continue to be apart of life and culture in Onslow. The Thalanyji basketball carnival is a prominent annual event in the community which promotes social inclusion and fosters community spirit.



Thalanyji basketball carnival

Old Onslow

The original town of Onslow stood about 20 km south west. The town was heavily affected by flood and cyclones so it was relocated. Camels and donkeys were used to relocate timber and iron buildings, one of which still stands and is now known as the Goods Shed Museum and Visitor Centre. Buildings of stone had to stay behind. Now, little remains in Old Onslow apart from the police station’s walls and a cemetery.

In 1925 a 659 meter long jetty was build, over the years it was destroyed from cyclones and rebuilt. The Australian Army demolished the jetty in an explosives exercise in 1982.

During World War 2, Onslow became the southernmost town in Australia to be bombed. Thankfully there was no damage and no loss of life. In 952 Britain detonated its first atomic bomb on the Montebello Islands.



Engineer Batemna, view of the coming townsite of new Onslow



The old jetty before its demolition during an Australian Army explosives exercise



Aerial shot of the Bindji Bindji Aboriginal community area in town



The current remains of old Onslow



The relocated Goods Shed Museum and Visitor centre



1943 personnel of the RAAF embarking from Onslow



1952 British atomic bomb tests just off the coast of Onslow on the Monte Bello Islands

Local Trade

In the 1890s the Ashburton Goldfield was proclaimed. Prospectors made their way 150 miles inland to the upper Ashburton and prospected for alluvial gold.

Oysters breed in the waters of Onslow and their shells and pearls have been a valuable commodity since aboriginal people harvested them from the shallows for trade. Pearl shell remained a highly sought after commodity until buttons began to be produced with plastic the pearl shell market largely disappeared by the 1950s and 1960s.

Onslow's hot dry climate makes it an ideal location for salt production. The salt mounds you can see represent a part of a \$300 million a year industry.

Onslow has been exporting gas and oil since 1964. In 2011 Chevron built \$29M liquefied natural gas just off the coast of Onslow.

Ecology + Landform

Onslow is dominated by topography of undulating dunes, sand plains and low-lying coastal systems supporting samphire communities, salt flats, claypans, tidal creeks and regionally significant mangrove communities. The Ashburton River is one of the region's most significant river systems. The major soil types present in the shallow soil profile of the Onslow region are coastal mudflats, sand plains and red sand dunes.

The Mackerel Islands surround Onslow and they act as significant breeding grounds and an important refuge for many threatened species.

210 native vertebrate fauna species including reptiles, amphibians, birds and mammals. Onslow is perfect for fishing and prawns. Significant migrating stop over spot for migratory shorebirds travelling the East Asian - Australasian Flyway.

The Onslow region experiences an arid-tropical climate, with hot summers and mild winters. The town of Onslow is located in one of the most cyclone-prone regions in Australia. Despite extreme rainfall during storm events, Onslow also experiences periods of extreme drought.



Onslow's past pearling trading



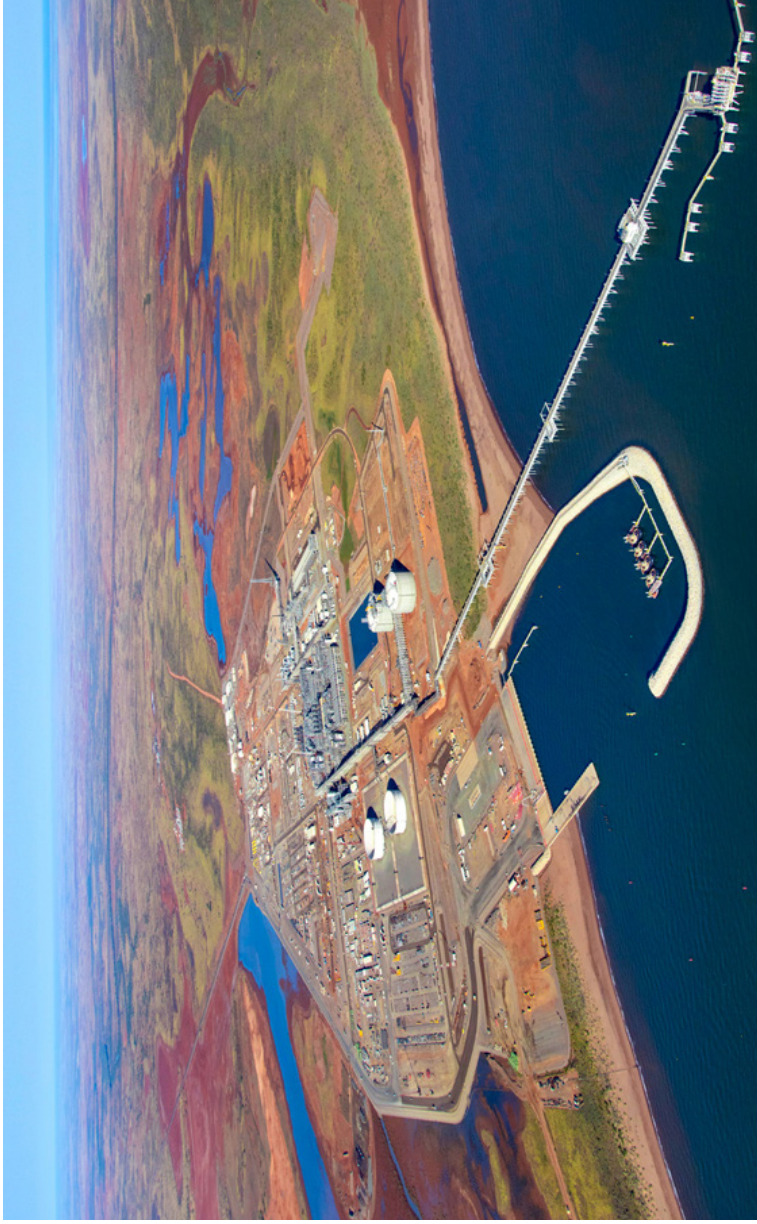
Onslow Salt salt-fields



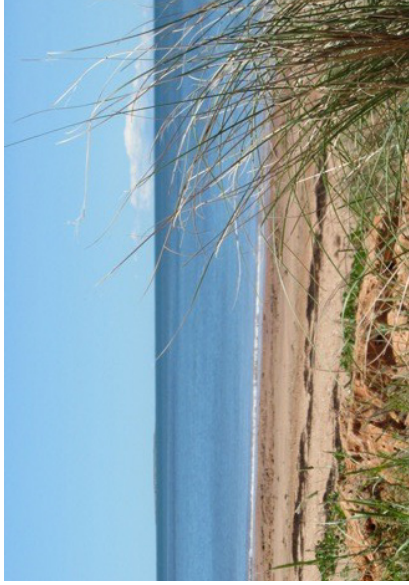
Landform and river system



Endemic Smooth Knob-tail Gecko



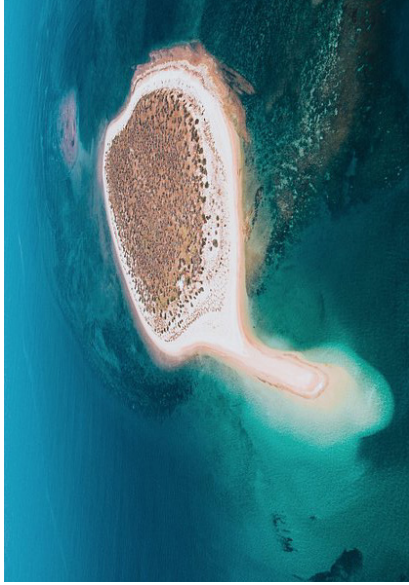
Drone shot of the Chevron Wheatstone site just south of Onslow



Onslow dunal system



Ashburton river



Mackerel Islands



1999 Cyclone over Onslow

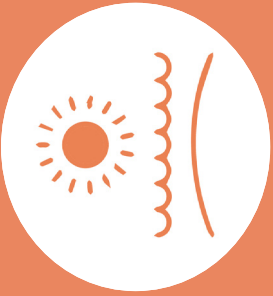
Tourism Assets



Rich Indigenous Culture

The region has a rich Indigenous culture that spans through the entire Shire across numerous language groups.

The Warlu Way passes through the region providing a foundation for further Indigenous tourism product. There are a variety of planned and potential Indigenous tourism projects across the Shire that could come to fruition in the near future.



Natural tourism Assets

Islands and reefs: Onslow is the closest town to the Mackerel Islands which offer a range of opportunities including snorkelling/diving, whale watching and some of the best fishing in Australia. These assets are largely underutilised.

Expansive and rugged outback landscape: beyond the national parks, the region has an expansive and rugged landscape that is attractive for caravanning and camping.

Oldest geological structures on the planet: the Shire has some of the oldest geological structures on the planet, dating back to 3.4 to 3.6 billion years ago, making the area a huge potential for geo-tourism.



Heritage Tourism Assets

Old Onslow represents a unique story in the Australian outback, where an entire town was relocated. The museum at the Onslow Visitor Centre has a large collection of the mining history and there are other displays of the mining history and heritage in the area.

The Shire is actively pursuing the Onslow Water Tank Mural Project and seeking support from stakeholders to develop a regional mural trail.



Built Tourism Environment

There have been a number of recent investments in new tourism infrastructure including the Beadon Bay Hotel, Onslow Beach Resort, Ocean View Caravan Park and others. Onslow in particular now has a lot to offer visitors to the area.

The mine tours in Tom Price are regularly full during peak season and tours of the Wheatstone LNG precinct in Onslow have also commenced.

Tourism Trends

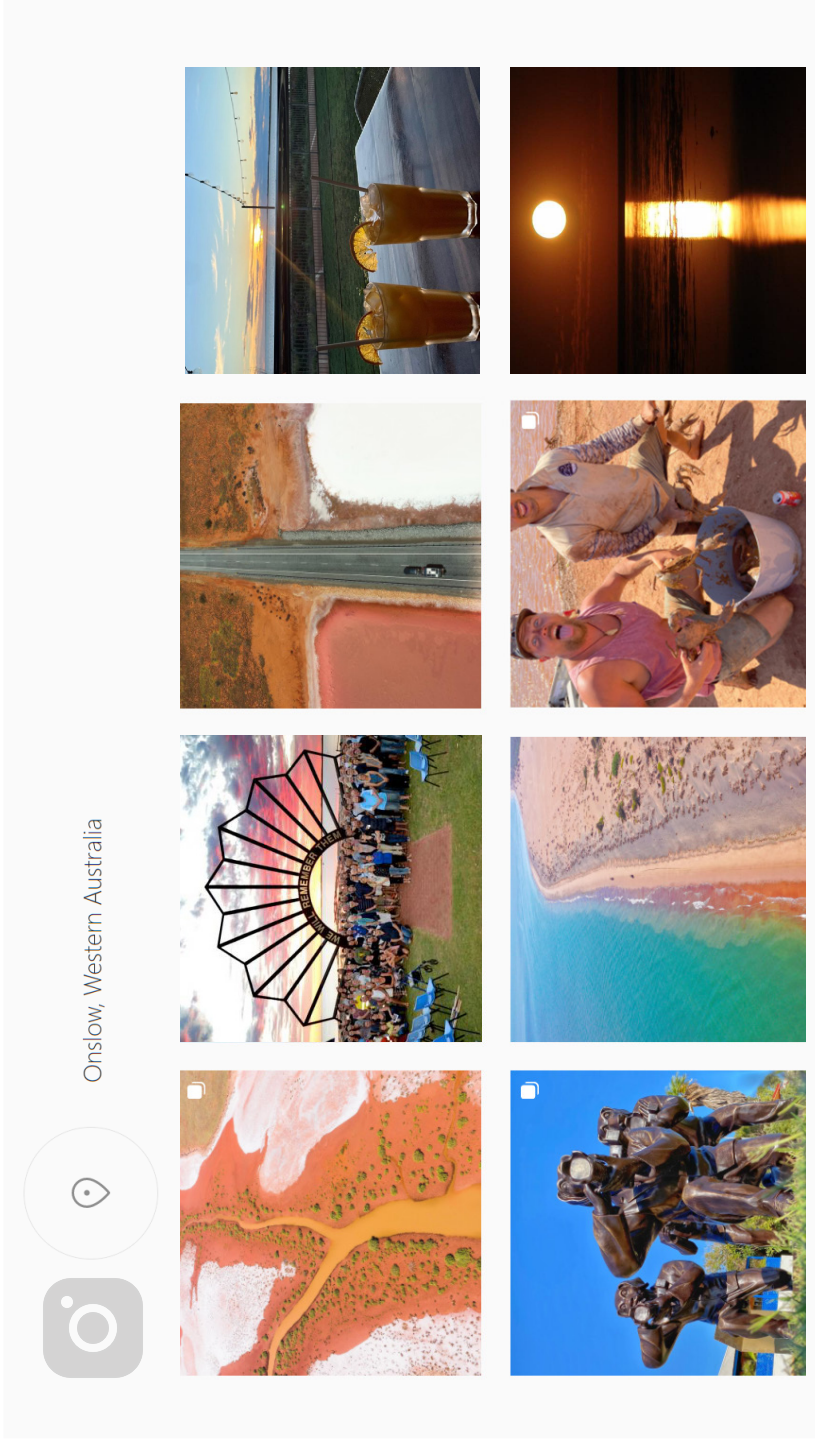
Digital Tourism

The rapid adoption of smart technology, and the growing prominence of social media, has resulted in the changing expectations and requirements of our visitors. We need to understand how they discover our area, where they go, what they ask, what they value, and how they make decisions.

Australia is now a top 10 global destination and digital technologies are increasingly used by both travel operators and consumers at all stages of the travel experience. Tourist operators all over the world have invested in cutting edge virtual reality and 360 degree mobile technologies. Consumers are increasingly planning and booking travel online and then rating their experiences. It is important that the Shire, its visitor centres, local business and operators stay abreast of the key trends in digital tourism and invest in this space to capture a greater market share as well as provide a better experience for our visitors.

Geo Tourism + Astro Tourism

Geo Tourism and Astro Tourism have been identified as an area of potential tourism development, with external stakeholders (NASA, Universities, astronomy organisations) wanting to further develop these concepts at a regional level – therefore Shire’s involvement and support is crucial.



Site Photos + Surrounds



Grey Nomads



Mindset:

From WA travelling with a caravan and are long stay visitors.

Needs:

- Frequent spots to rest
- Accessible pedestrian connections
- Street furniture with support
- Shade
- Historic interpretation

Backpackers

Europeans travellers aged 20-34



Mindset:

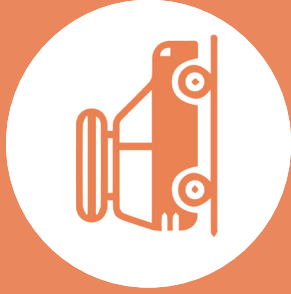
Younger (20-34) international visitors, predominantly from Europe.

Needs:

- Informative place signage
- Wayfinding signage
- WIFI
- Historic interpretation

Neighbours

Visitors from neighbouring areas



Mindset:

Residents from neighbouring areas, likely spending weekends camping in the Shire.

Needs:

- Picnic areas
- Informative place signage
- Wayfinding signage
- Historic interpretation

Residents

Permanent local residents



Mindset:

Travelling through town for work or community purposes.

Needs:

- Local connections and pathways
- Parks + Picnic Areas
- Places to socialise
- Meeting places
- Local significance

Families

Families travelling for holidays



Mindset:

Families from Perth and beyond, likely spending school holidays.

Needs:

- Play spaces
- Picnic areas
- Informative place signage
- Wayfinding signage
- Historic interpretation

FIFO Workers

Semi-permanent mining workers



Mindset:

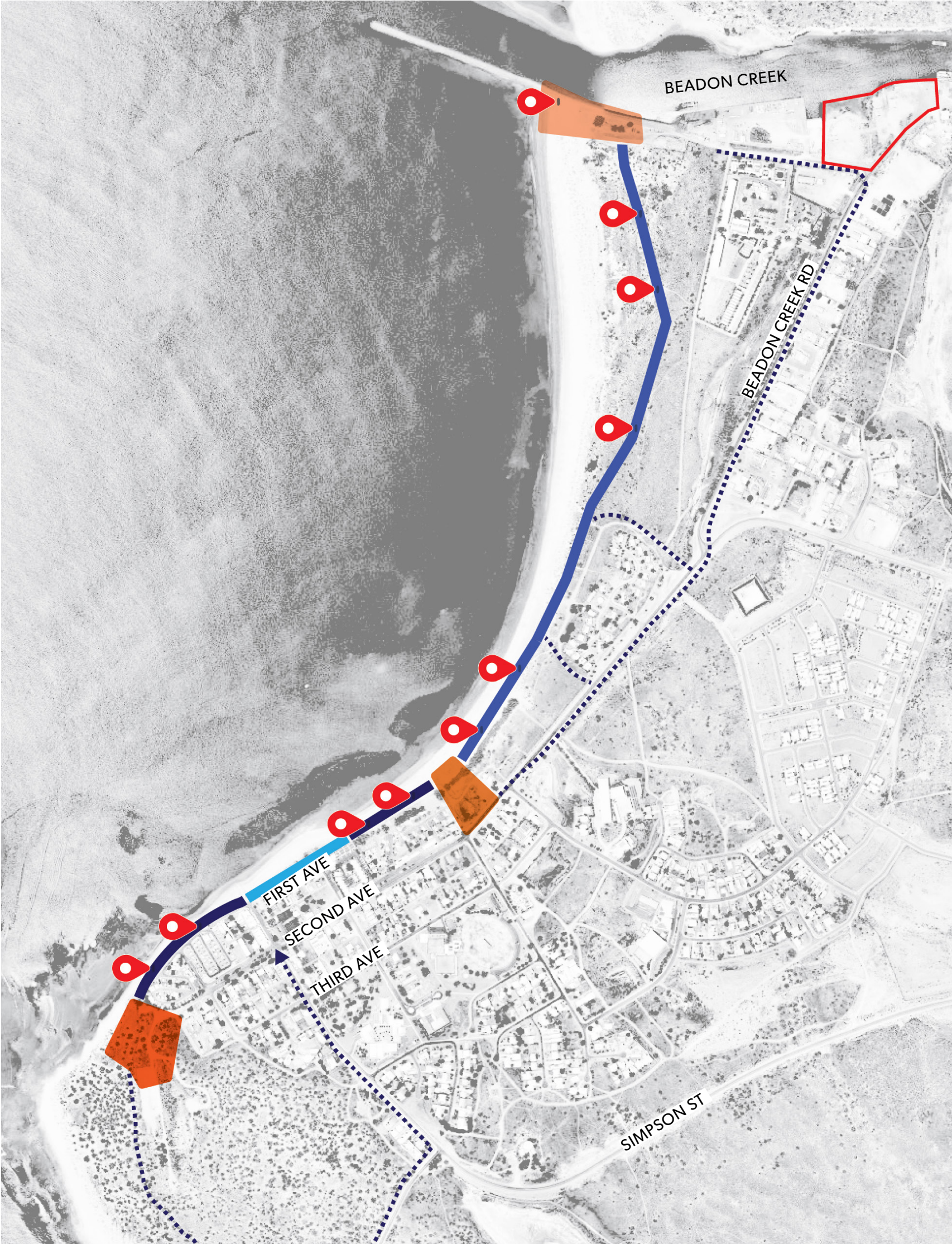
Fly in fly out workers who spend time in the town to relax and unwind.

Needs:

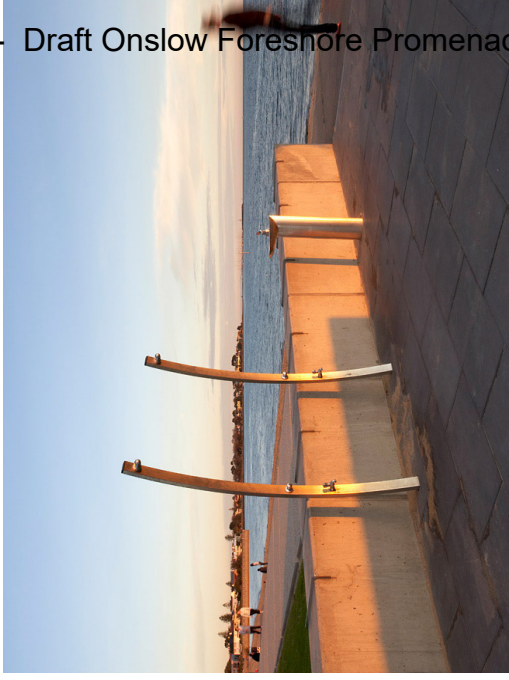
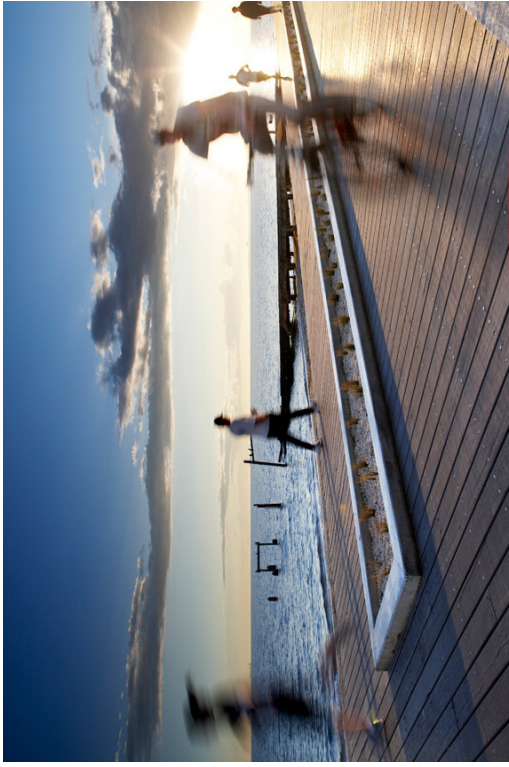
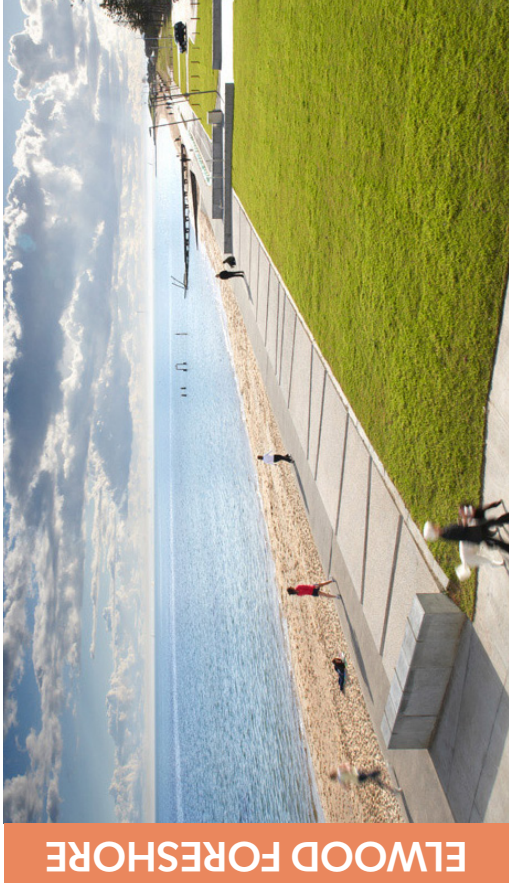
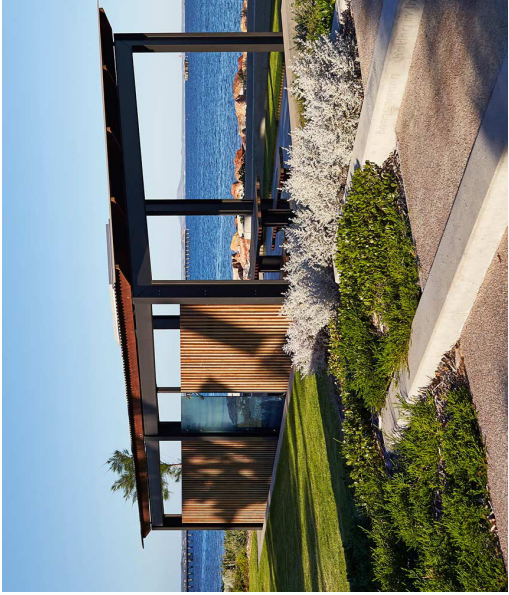
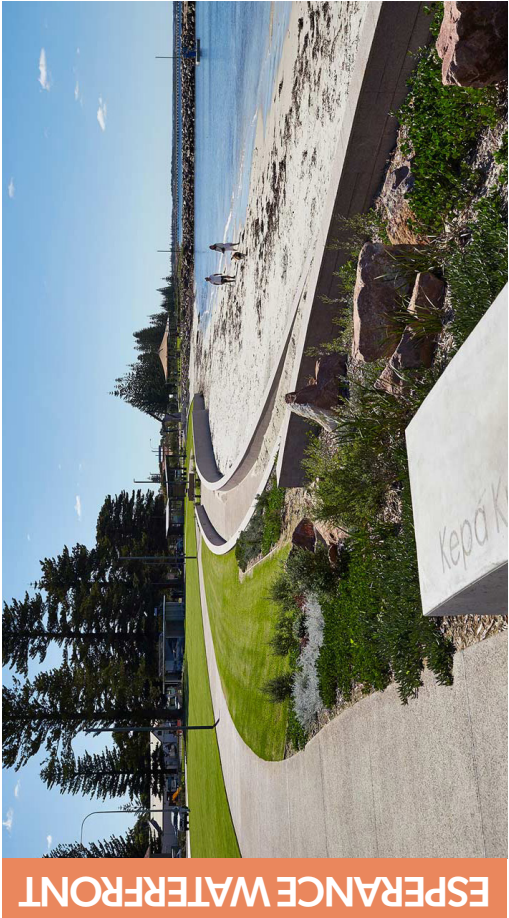
- Places to socialise
- WIFI
- Places to exercise

Overall Masterplan

- KEY NODE
- KEY CONNECTION
- SECONDARY CONNECTION



Precedent Examples



Concept + Thematic Planning

Establishing an overarching theme that threads along the promenade and walkways, embedding itself into the parklands, nodes and lookouts is integral to the ongoing success of the project and will be fundamental in ensuring ongoing community engagement and tourist attraction.

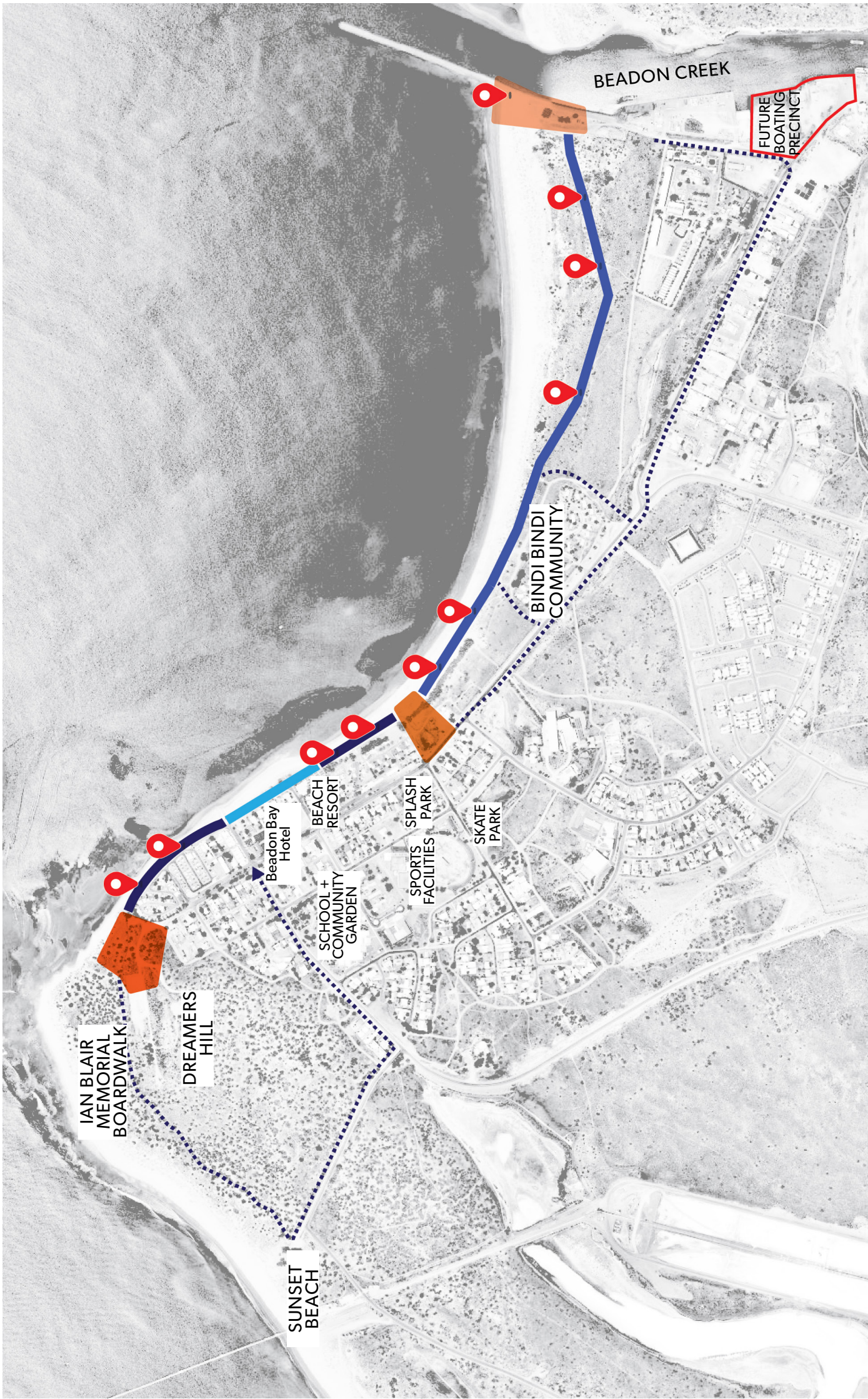
The following concept plans establish how the unique narrative of Onslow, including its rich maritime past as a pearling hub, historical presence and contemporary evolution can be entwined with the regions Living Culture as well as the distinctive ecology and landform found both inland and in the surrounding waters. The concept plans establish a framework for this narrative to be depicted and built upon through bespoke detailing and material selection as well thematic curation of elements such as playground equipment and shelters. The next stage of this project will further develop this theme ensuring complete integration of the narrative and delivering a project that is as unique as Onslow.



Mackarel islands



Pearling history



KEY:



Memorial Parklands



Family Parklands



Beadon Creek Point



Onslow Promenade



The Backyard



Elevated Dunescape Walk



Existing + Future Local Pathways



Lookout

Memorial Parkland

The Opportunity:

The Northern Node is a unique opportunity to create an iconic destination parkland that provides a strong connection with coast line capturing the dramatic views and the unique landscape of Onslow.

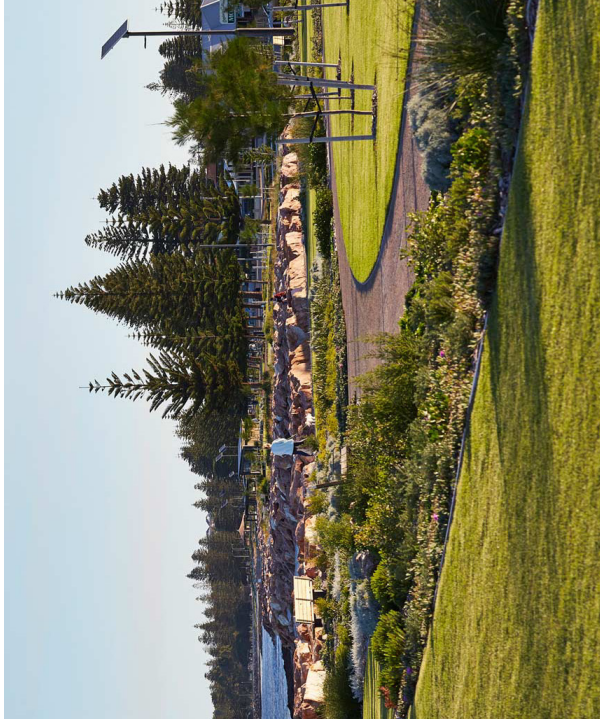
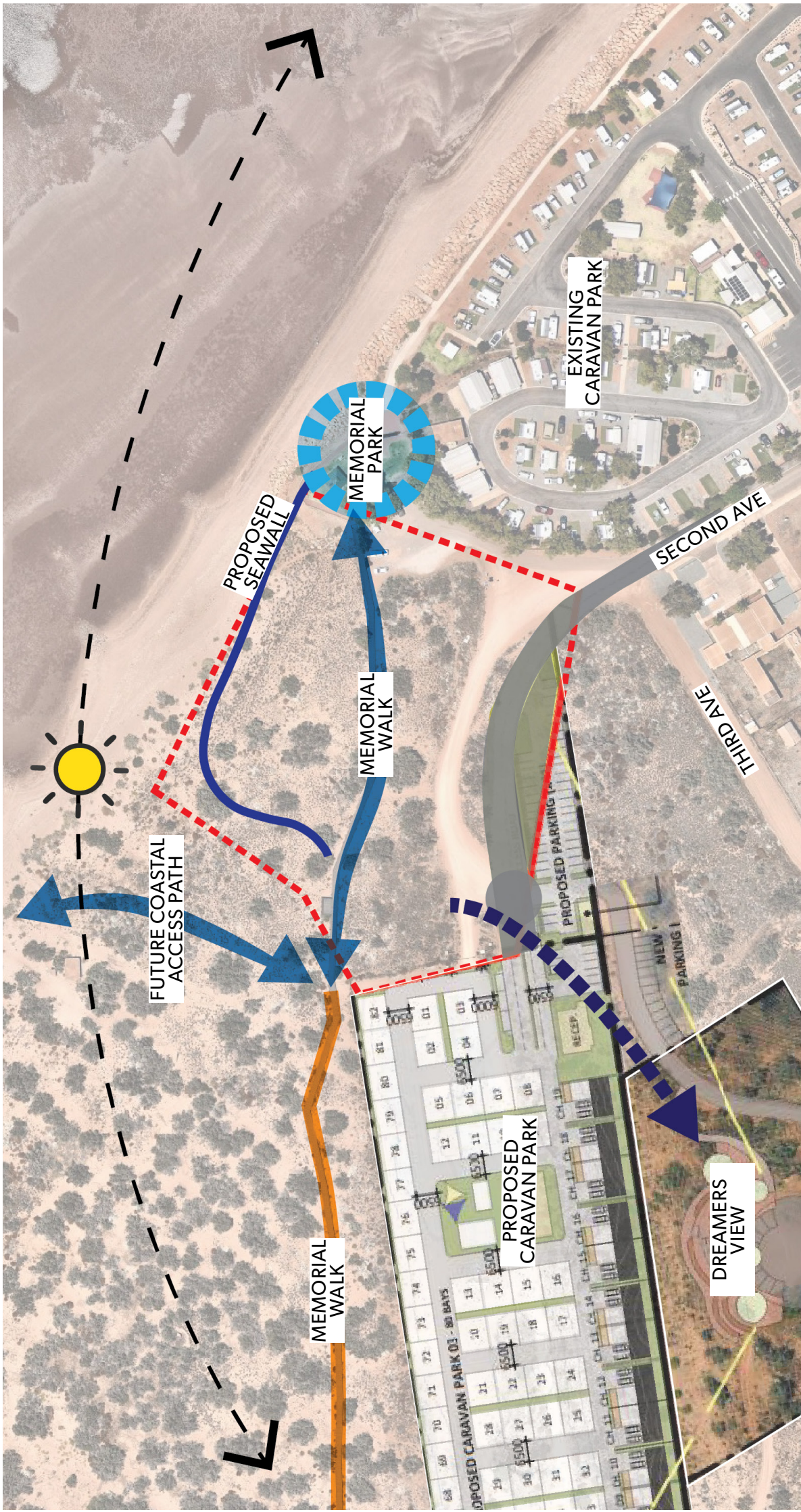
The parkland can provide a high-end setting for outdoor functions including concerts, markets, food vans and memorial ceremonies through the provision of insitu seating, stage, power connections, water and defined gathering spaces.

The inclusion of a destination all ages, all abilities playground with shade, seating and BBQ features will ensure year-round interest for both locals and visitors alike.

The concept plan will establish the framework for the parkland and establish areas where local stories and the narrative of Onslow can be embedded in the design to create a identity that resonates with the local community.

Outcomes:

- Dedicated stage and insitu amphitheatre seating
- Bespoke shade structures with integrated are work / narrative opportunities
- Tree lined extension of the lan Blair Memorial Walk
- Provision of power, water and public amenities
- All ages, all abilities shaded playground



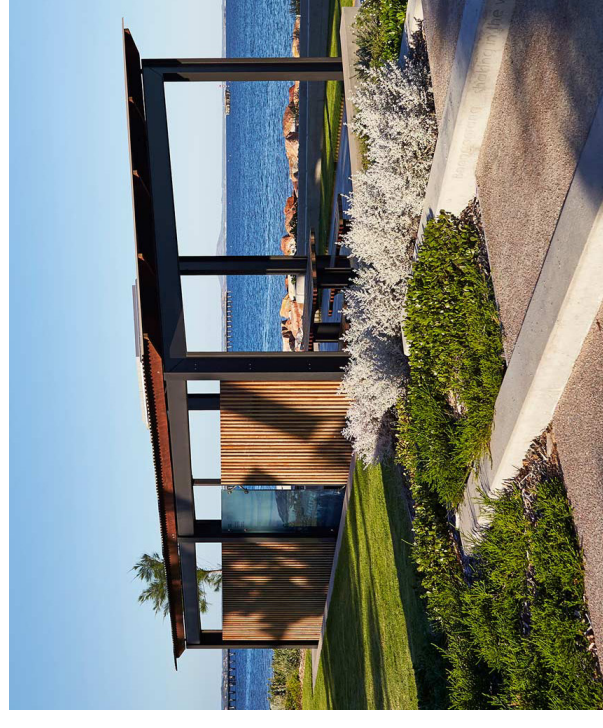
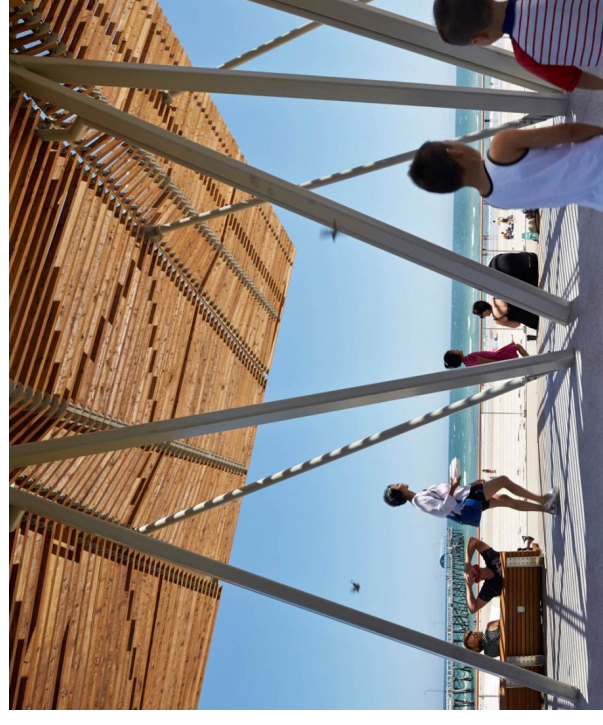
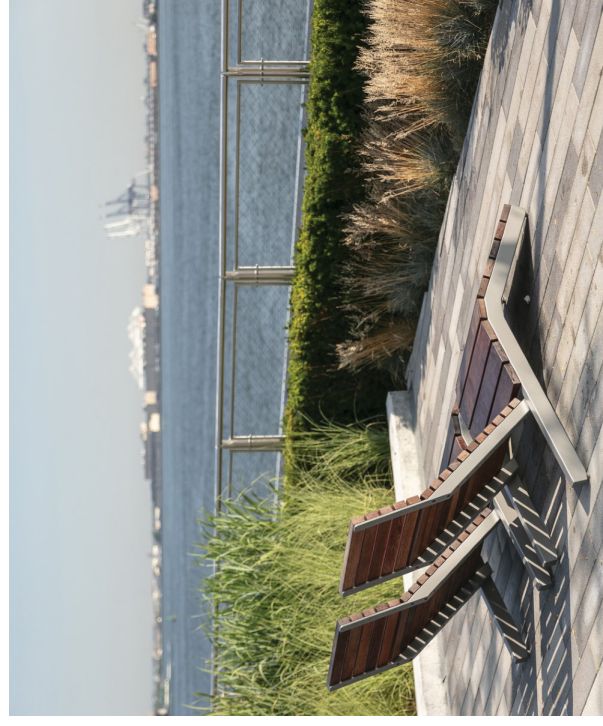
Tourist Backyard

The Opportunity:

There is an opportunity to create better amenity for the existing caravan park concurrent with the proposed promenade extension from the town centre along the revetment wall to the proposed Memorial Parklands. The current height separation creates a physical and visual separation from the expansive views of Beadon Bay. The provision of seating nodes, open viewing pods and dedicated access points to the promenade and beach access will create a truly unique experience for visitors and locals. The robust materiality also presents an opportunity for celebrating the identity both historic and contemporary for the townscape through the use of bespoke finishes such as salt rock exposure or shell seeding.

Outcomes:

- Hangout spaces along the coast for visitors including seating nodes and lookout pods
- Better connectivity with the caravan park through defined ramps and stairs
- Activation of the foreshore
- Increased amenity for tourism
- Pedestrian access to foreshore
- Retained and planted edge along the caravan park better establishes access points and embeds the caravan park



Onslow Promenade

The Opportunity:

The central foreshore from the Onslow Beach resort to the northern caravan parks presents as an opportunity to create a vibrant hub of Onslow celebrating the coastal lifestyle, stunning views and public amenity that is on offer for the community and visiting tourists. The reimagined promenade will maximise the views of Beadon Bay, creating defined market, fitness and gathering nodes. The concept plan will create opportunities through material selections and finishes to entwine the local character and narrative into the site which will be further defined and detailed in the next stage of the project.

Opportunities:

- Activate the foreshore as a tourist hot spot
- Create market breakout spaces
- Capitalise on the activity coming from the beach resort
- Enhance and celebrate view lines along Simpson St and Third St to the water
- Enhance beach connections



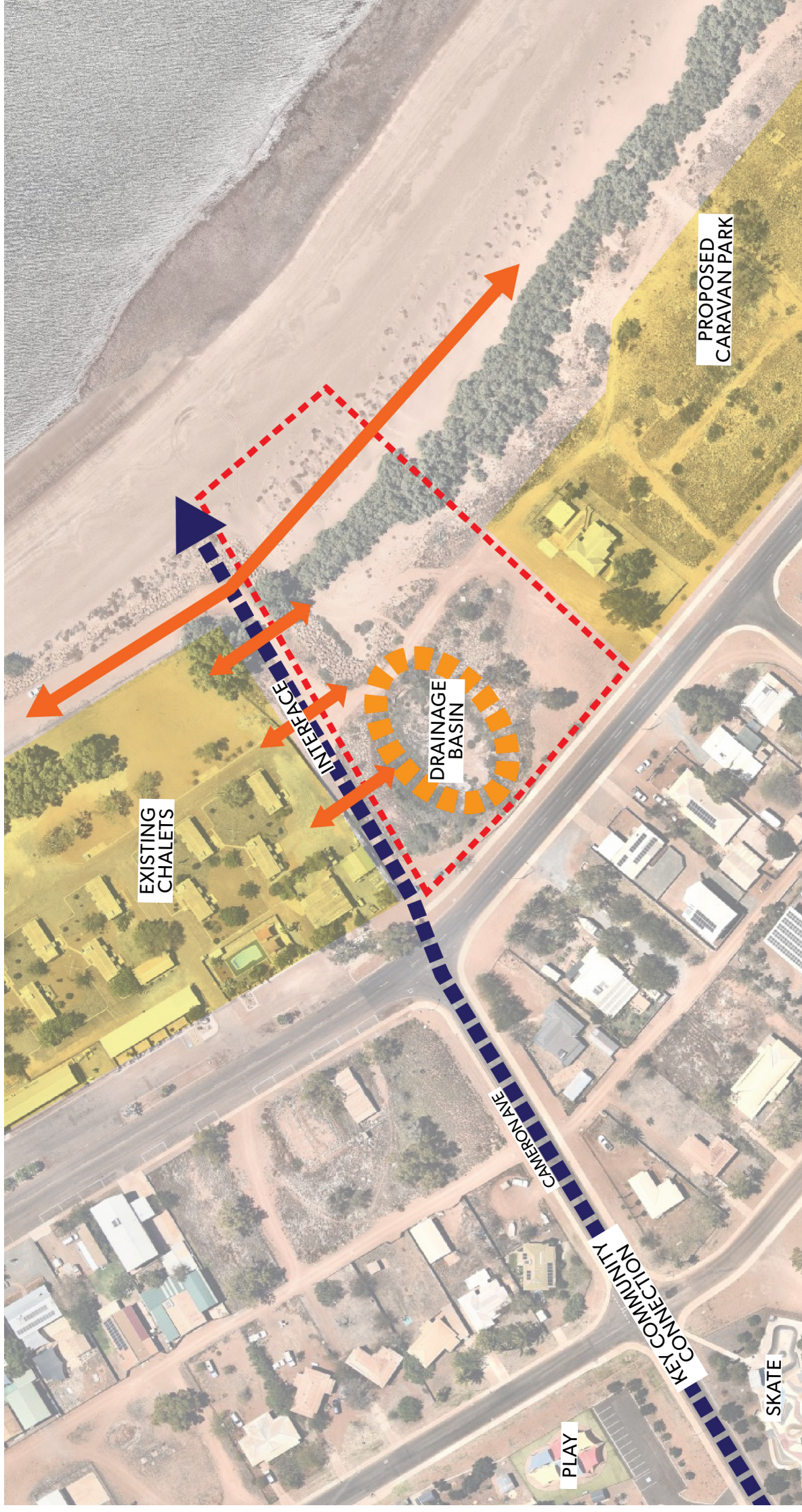
Family Parkland

The Opportunity:

The extension of the existing seawall and the infill of the existing drainage basins creates an opportunity to nestle a family parkland between the existing Sun Chalets & proposed caravan park. The proposed pathway connections through the central parkland will connect users to the promenade extension & create a link to the community facilities via Cameron Avenue to Third Avenue. Contouring of the ground plane, careful curation of planting and the location of shade structures will define pockets for picnics, community gatherings and kick-about zones whilst creating a sense of revelation through controlled view lines and subtle manipulation of topography. The proposed lookout structure will bookend the central promenade zone and offer a point of respite capturing views over the bay.

Opportunities:

- Create community open space with direct access to the foreshore
- Use ground plane contouring and curated planting to create pockets within the greater parkland
- Bespoke shade & lookout structures embedded with local artwork and narrative
- Palm grove planting and selected species to create a unique identity to the parkland



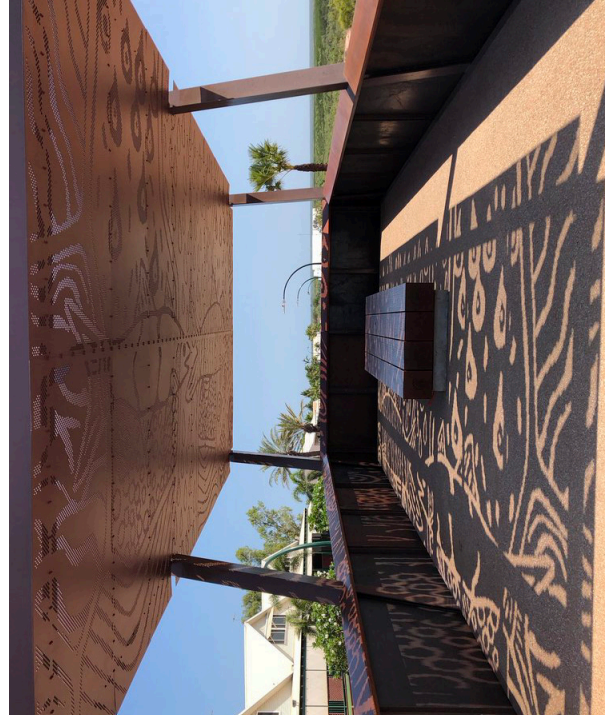
Elevated Dunescape Walk

The Opportunity:

An elevated walkway through the dunal landscape of Onslow is an opportunity provide a unique sensory and education experience of not only the coastal environment of Onslow but also an opportunity to engage further with the history of stories of the Traditional Owners. Lookout nodes / shelters designed to suit the local climatic conditions create storytelling and yarning circles with star gazing opportunities. Sensitive material selection and placement of the walkway and shelters will give users the opportunity to interact with the natural environment.

Opportunities:

- Realign the track to work with natural contours and locating the shelters to be integrated sensitively into the landscape
- Create standalone lookout shelters with opportunity for local stories and star gazing
- Connection to the foreshore promenade and Beadon Creek
- Integration of local narrative & traditional stories through interpretive artwork and wayfinding to be detailed in the next stage of the project



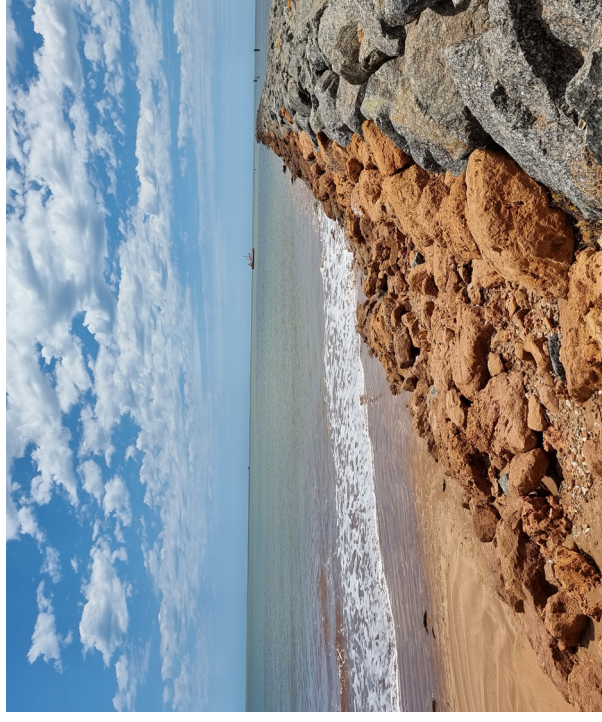
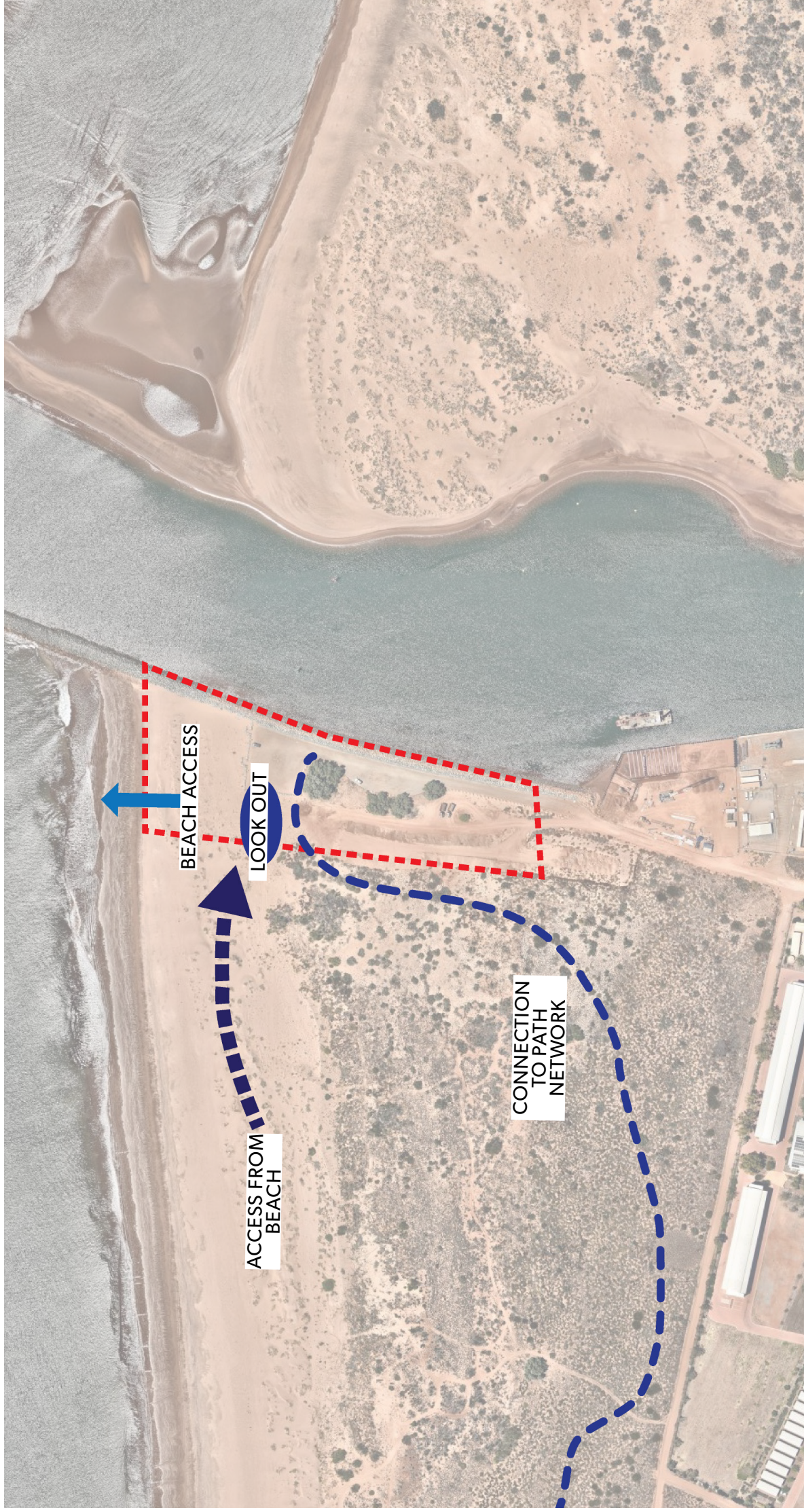
Beadon Creek Point

The Opportunity:

Located adjacent to historical shipwrecks at the entrance to Beadon Creek, the Beadon Creek Node is the final destination of the coastal walk and will provide a respite node capturing views over the river mouth offering a point of rest where users can access the beach or the walkway as their starting point of their return journey.

Opportunities:

- Interface with Beadon Creek
- Have a central connection to elevated dunescape walk
- Have a permeable edge which allows pedestrians travelling along the shoreline to enter the site
- Have beach access to the north of the site



Memorial Parkland

LEGEND

01 Extension of Promenade as trafficable feature concrete

02 Event Stage with interpretive signage concrete with allowance for power connection

03 Terraced seating walls

04 Open and undulating turf open space

05 Canopy shaded all-ages and abilities playground

06 Open playground with feature shade structure, BBQ, water fountain & seating

07 Extension of Ian Blair Memorial Boardwalk with avenue tree planting

08 Shoreline access against seawall with handrail

09 Existing vegetation retained and protected

10 Irrigated garden beds

11 Bespoke shelter with amenities & power connection

12 Existing ANZAC Memorial

13 Bus drop-off loop & ACROD parking

14 Stabilised gravel with tree planting

15 Universal toilets block to match shelters

16 Parallel parking

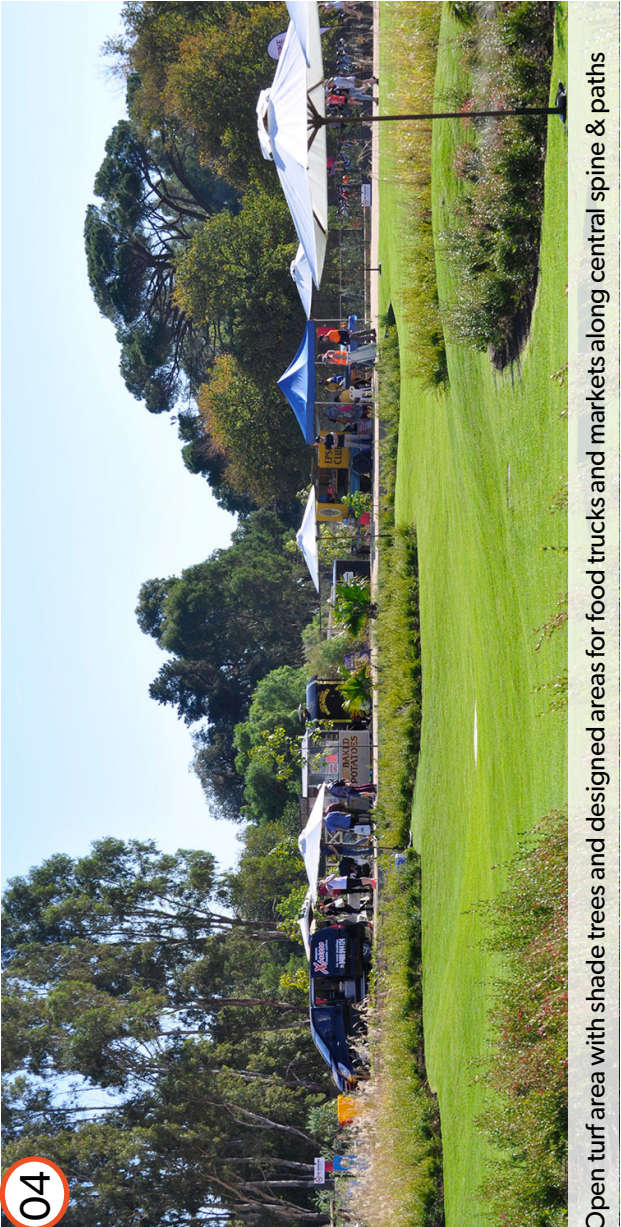
17 Future access to lot 300

Further traffic study required for all road works

Future coastal access path



Memorial Parkland Vibe Imagery



Open turf area with shade trees and designed areas for food trucks and markets along central spine & paths



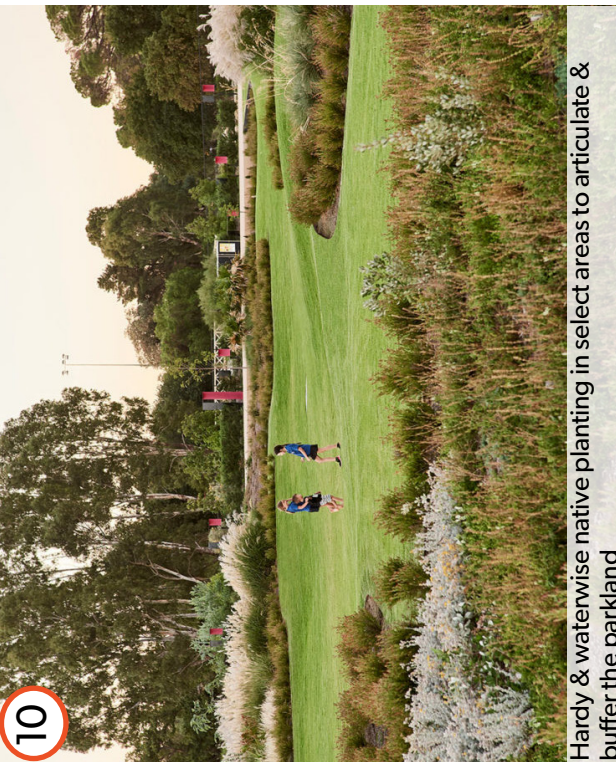
Terraced seating walls capturing key site lines with graded turf to surrounding parkland



Opportunity for interpretative concrete telling stories of place



Feature concrete treatment to key paths referencing local industry & narrative with salt rock & seashell finishes



Hardy & waterwise native planting in select areas to articulate & buffer the parkland

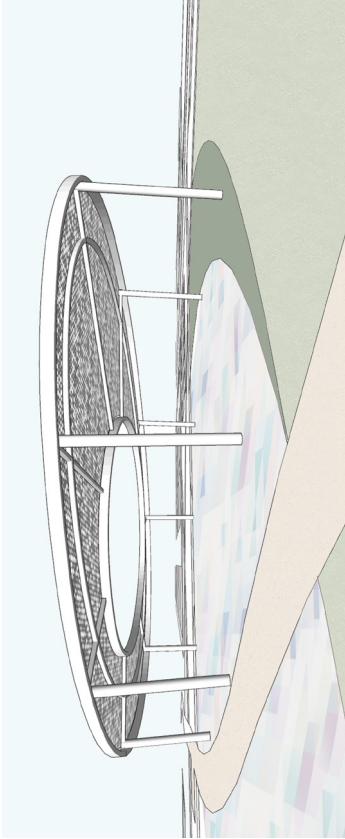


Feature Shade canopies with perforated or laser cut artwork to create dappled shade & airflow. Canopy detail will be consistent throughout the project & is an opportunity to engage with traditional owners or local arts community

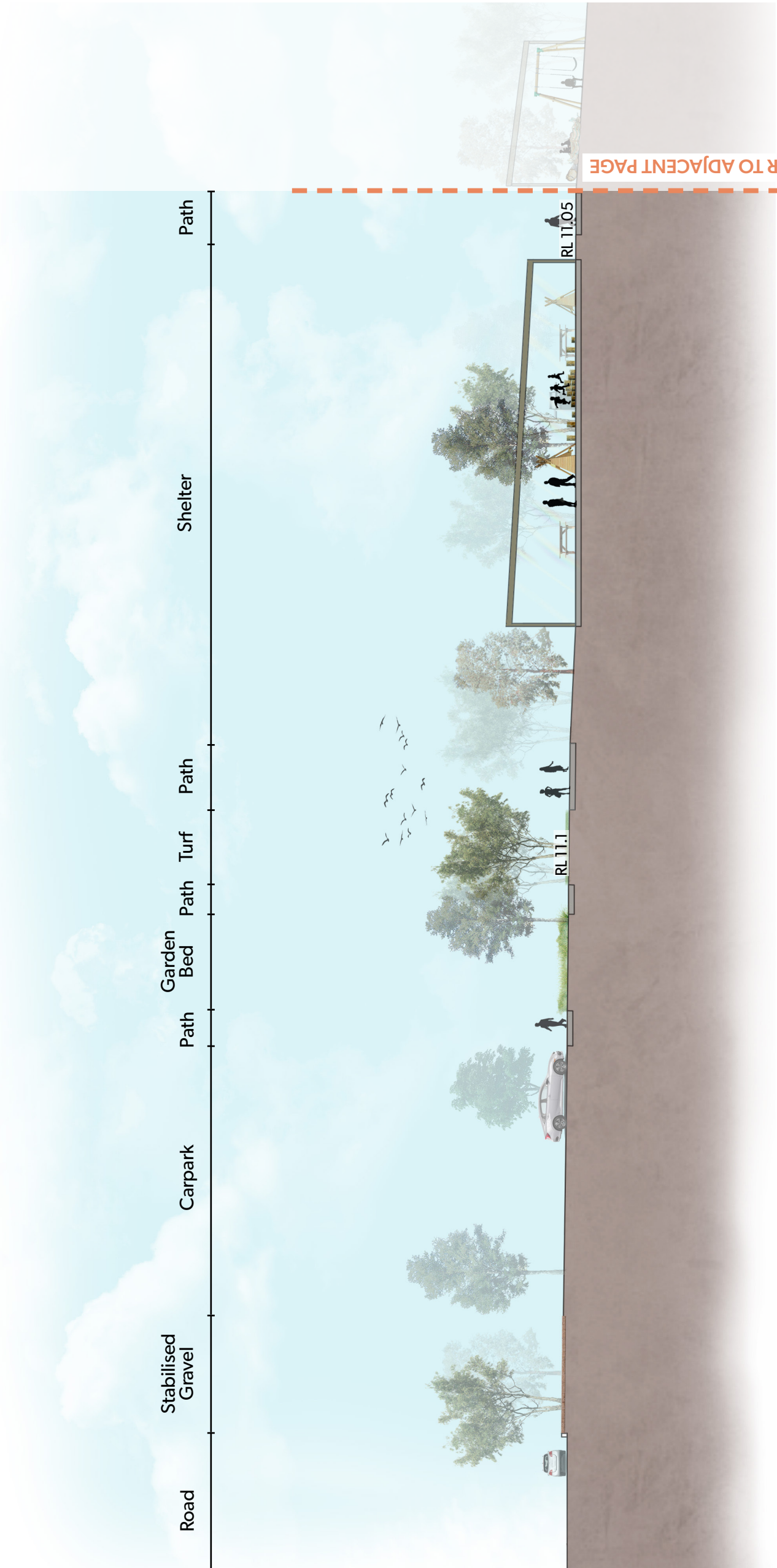
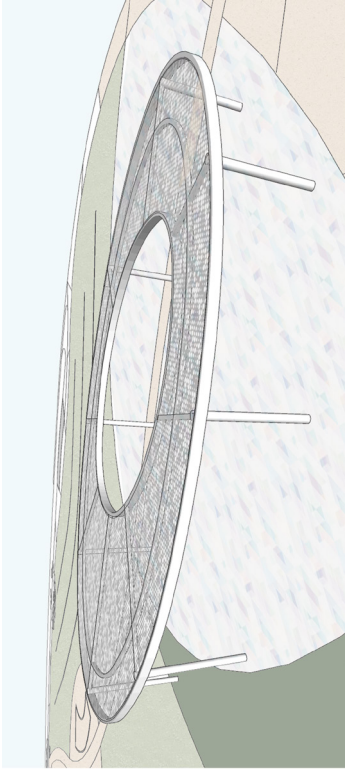


All ages, inclusive playground that features unique play elements drawing inspiration from the rich Onslow history including industrial & maritime heritage. The playground is designed to integrate with surrounding parkland and function beneath the shade structure.

Memorial Parkland Section

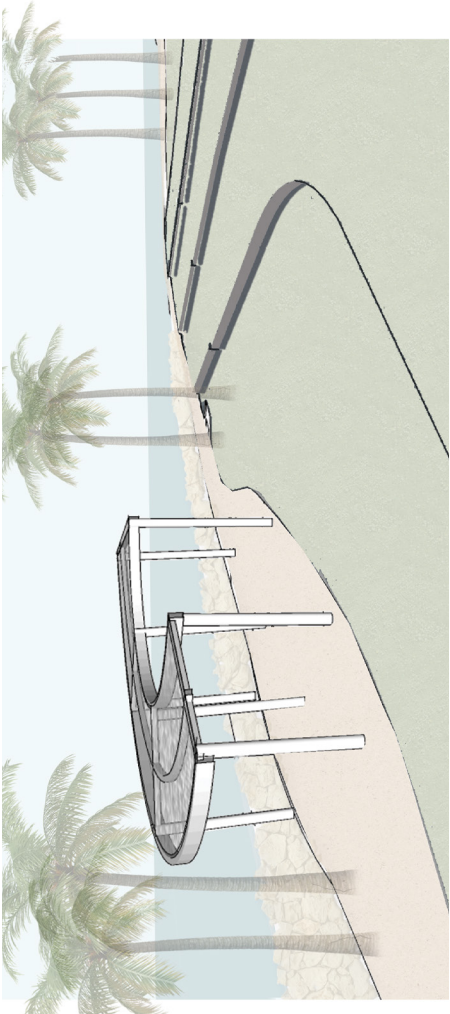
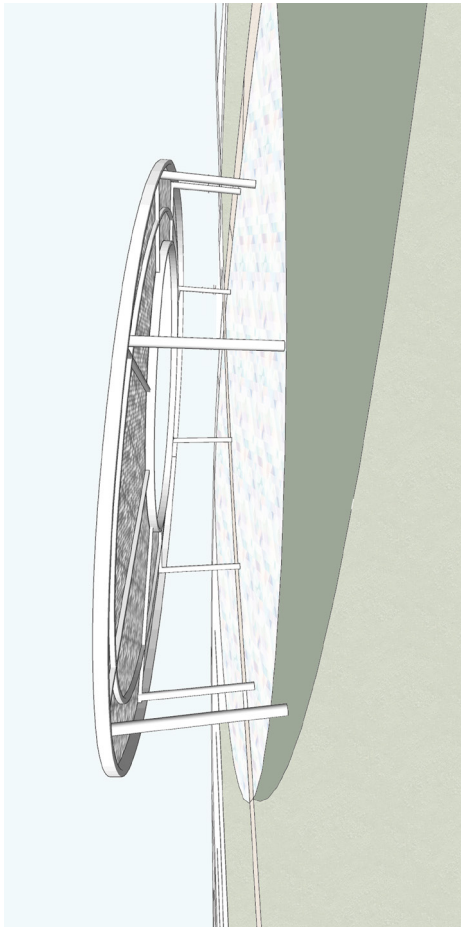


Playground shelter sketch

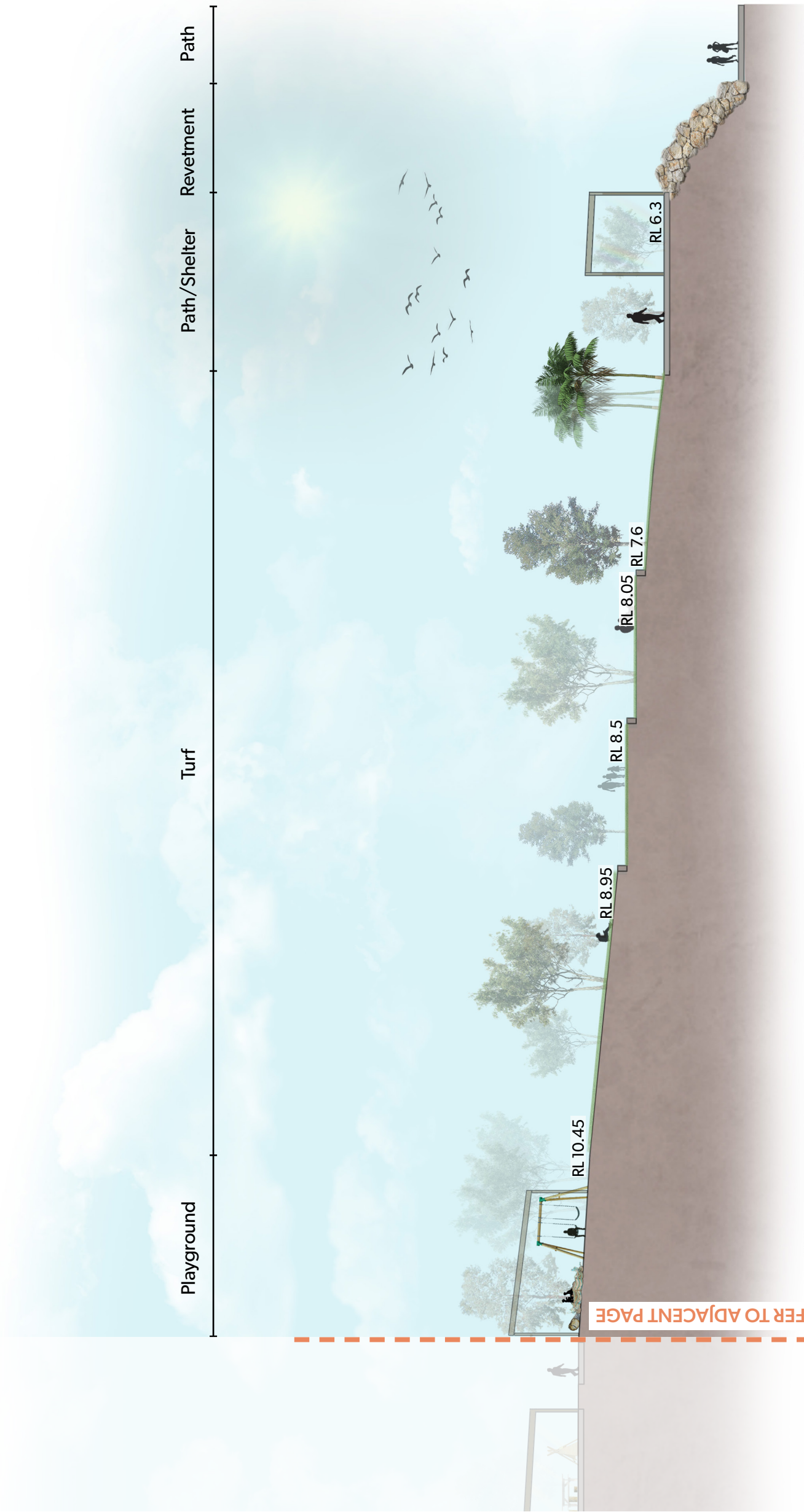


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Memorial Parkland Section



Terrace & Event Stage sketch



Family Parkland

LEGEND

- 01 Open and undulating turf open space
- 02 Parallel street parking
- 03 Overflow parking (not in scope)
- 04 Palm Grove
- 05 Stabilised gravel with tree planting and concrete bench seating
- 06 Irrigated garden beds
- 07 Bespoke shelter with amenities & power connection
- 08 Drinking fountain with dog bowl along path
- 09 Concrete pathways with seating nodes and lined with palm trees & tropical planting
- 10 Seating nodes looking out towards the ocean
- 11 Coastal promenade
- 12 Coastal node lookout with a mesh platform raising over the revetment wall
- 13 Remnant trees and vegetation
- 14 Universal toilets block to match shelters



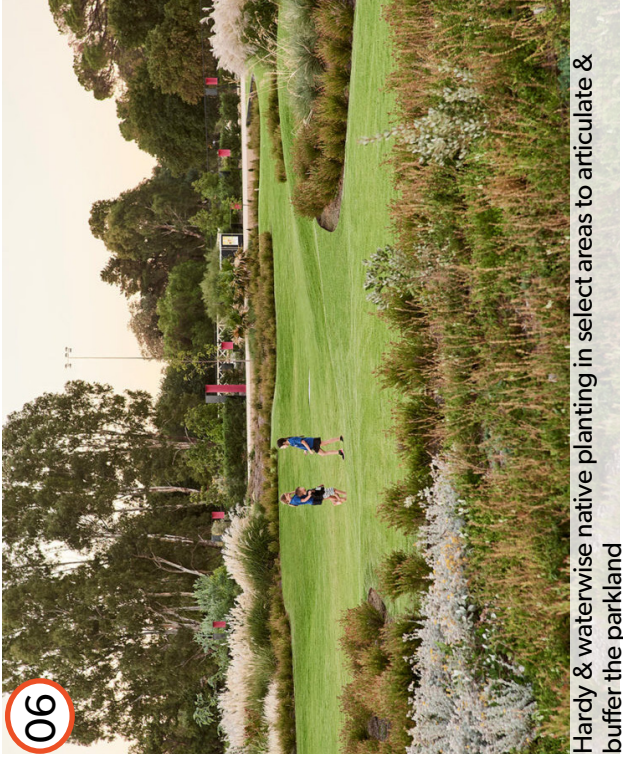
Family Parkland Vibe Imagery



Undulating open parkland sculpted to capture key sight lines



Opportunity for local art installations to be integrated within site



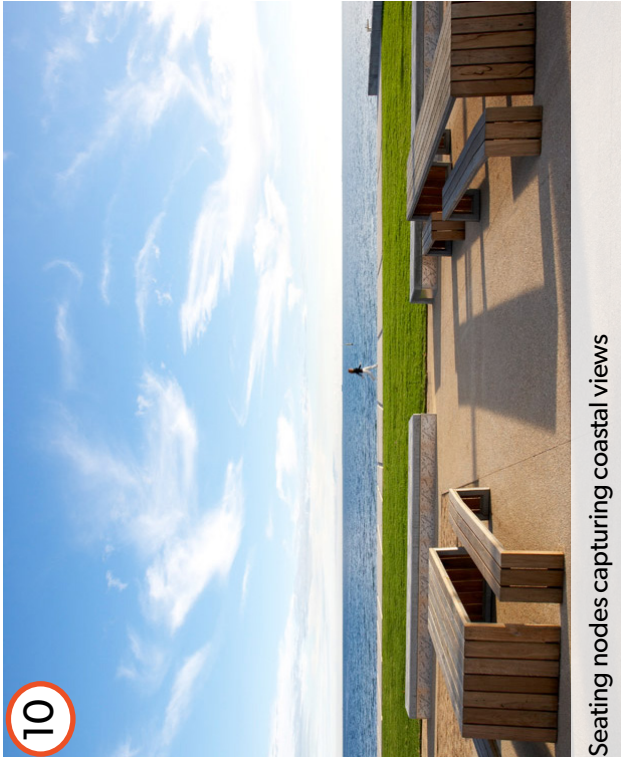
Hardy & waterwise native planting in select areas to articulate & buffer the parkland



Feature Shade canopies with perforated or laser cut artwork to create dappled shade & airflow.



Palm tree & tropical planting along key paths



Seating nodes capturing coastal views



Coastal node lookout with a mesh platform raising over the revetment wall



Remnant vegetation pruned and thinned out to maintain protection whilst creating view lines

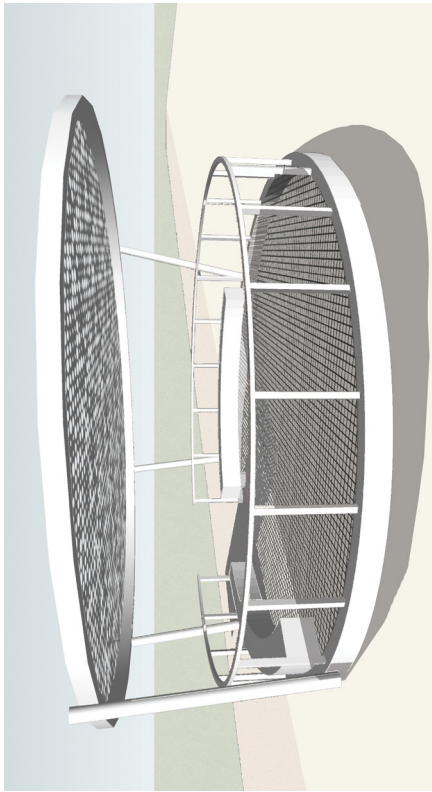


Seating & signage to use robust materials that reflect the local conditions & colour palette

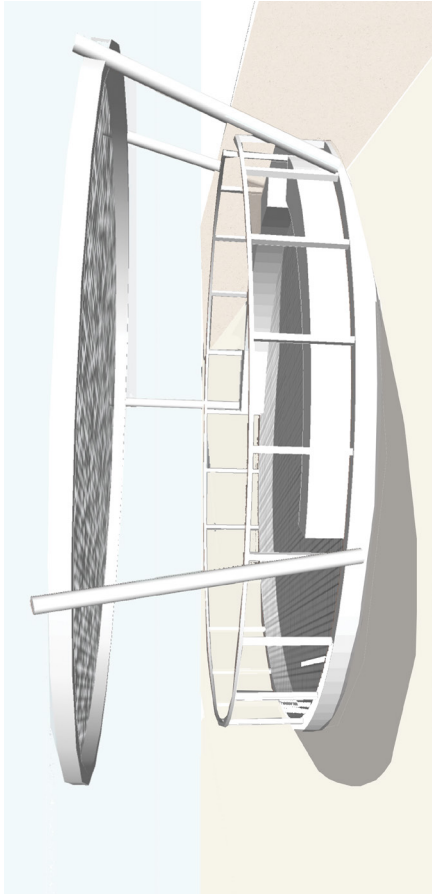


Seating & signage to use robust materials that reflect the local conditions & colour palette

Family Parkland Section



Resting shelter



Family Parkland Section



Palm Grove



Hardy & waterwise native planting in select areas to articulate & buffer the parkland



Section



Tourist Backyard



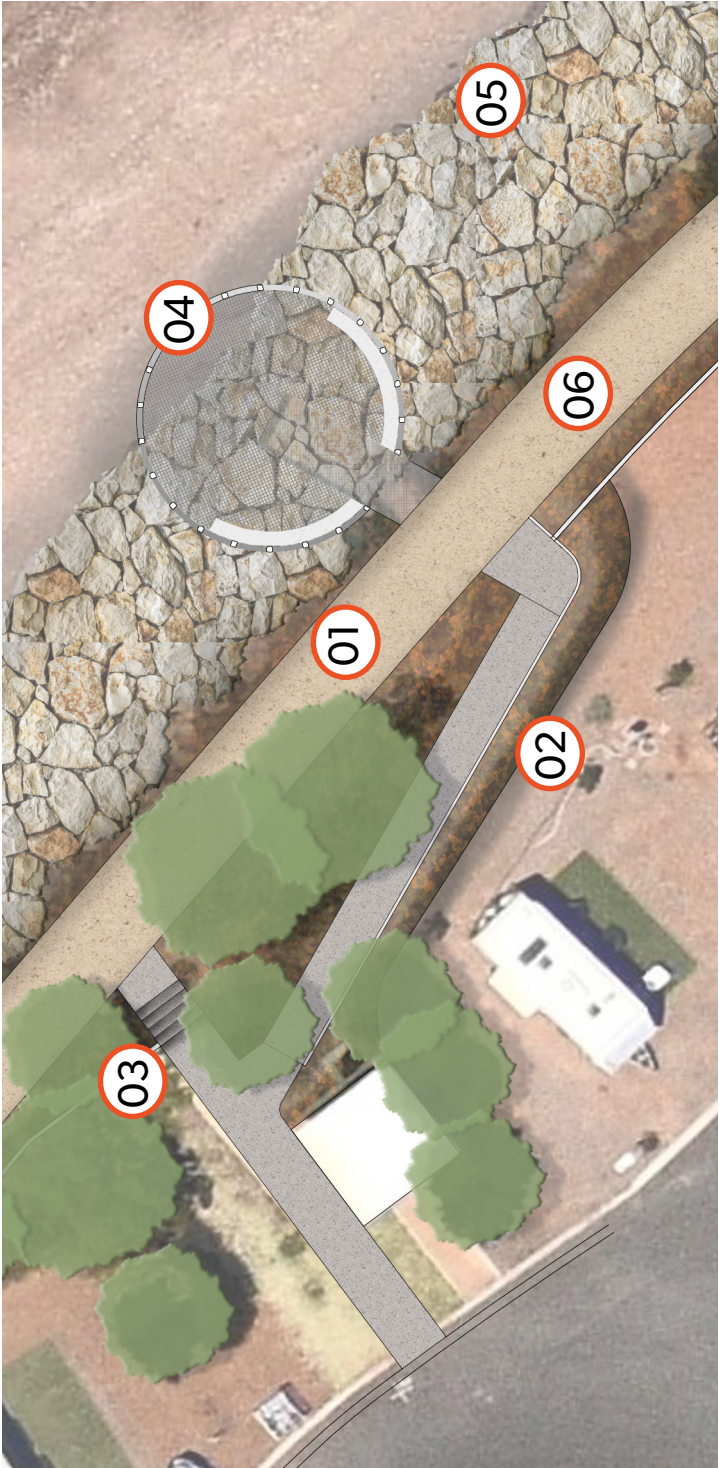
Coastal node lookout with a mesh platform raising over the revetment wall



Feature concrete treatment to key paths referencing local industry & narrative with salt rock & seashell finishes



Tourist Backyard Detail Plan



LEGEND

- 01 Coastal promenade pathway - 3m wide
- 02 1:20 Ramp to connect into Promenade
- 03 Stairs to maintain direct path of travel onto the Promenade
- 04 Coastal lookout node
- 05 Revetment wall
- 06 Cycle speed calming measures



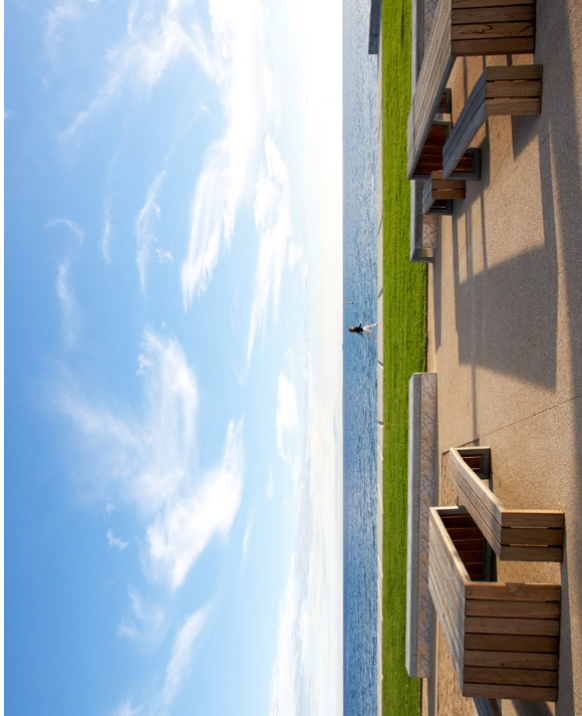
Coastal Promenade

LEGEND

- 01 Coastal promenade pathway - 3m wide
- 02 Community Shelters with long table & BBQ facilities
- 03 Market spill out and gather zones
- 04 Upgraded fitness node
- 05 Tropical planting to reinforce resort atmosphere
- 06 Turf zones



Coastal Promenade Continued



LEGEND

- 01 Coastal promenade pathway - 3m wide
- 02 Existing vegetation underpruned and tidied with opportunity for connecting path
- 03 Coastal lookout node
- 04 Secondary path linking Family Parkland with proposed caravan park and boardwalk
- 05 Proposed revetment wall
- 06 Proposed boardwalk



Dune Boardwalk

LEGEND

- 01

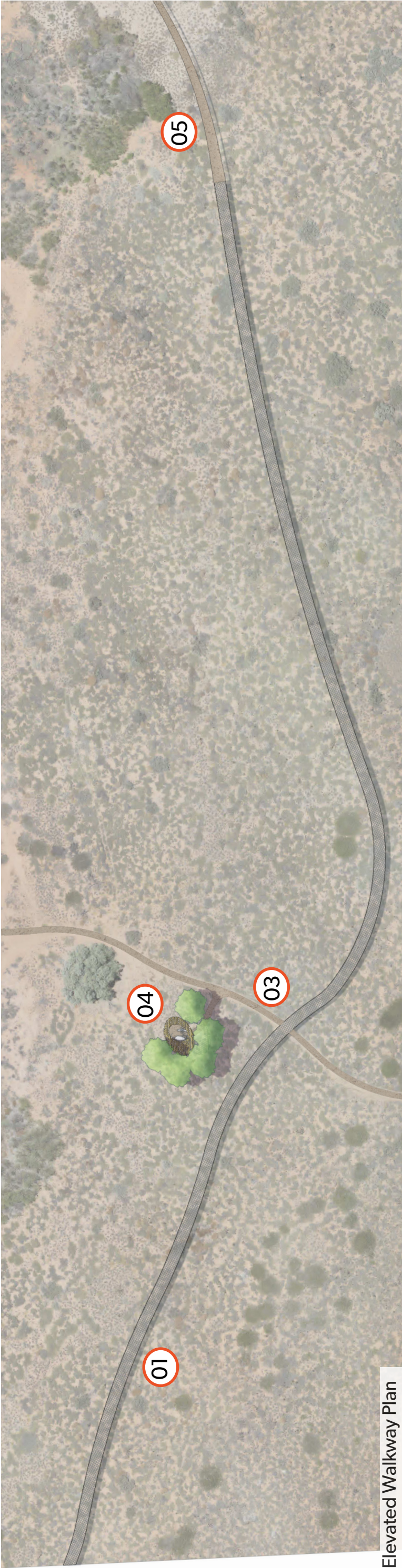
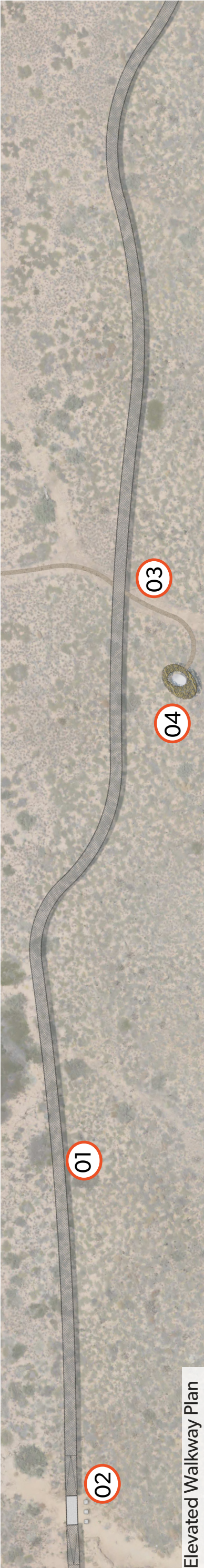
Elevated Boardwalk of FRP or similar with kick rail. Final location to be confirmed on site
- 02

Ramped access to existing ground level to maintain beach access with vehicle protection
- 03

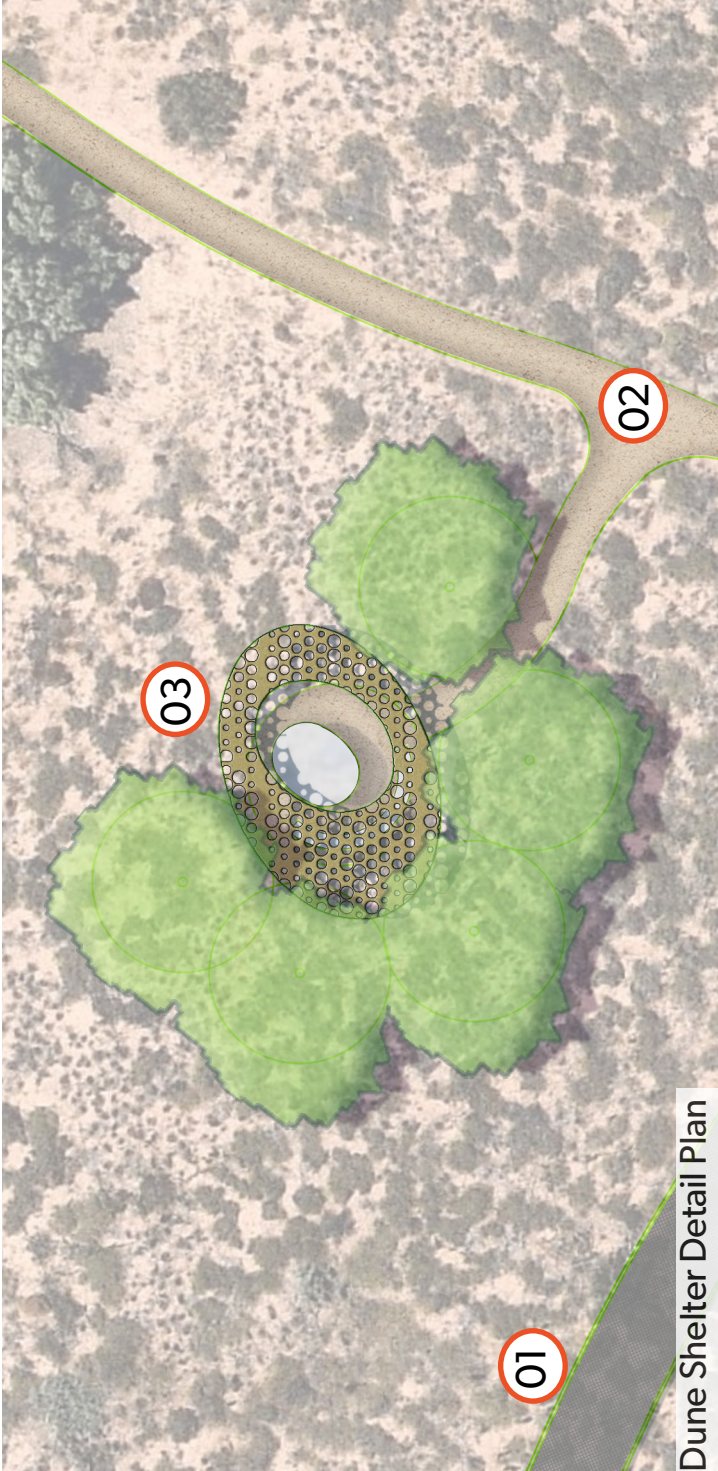
Stabilised gravel pathway
- 04

Dune shelter node. Final location to be confirmed on site
- 05

Pathway to Beadon Creek

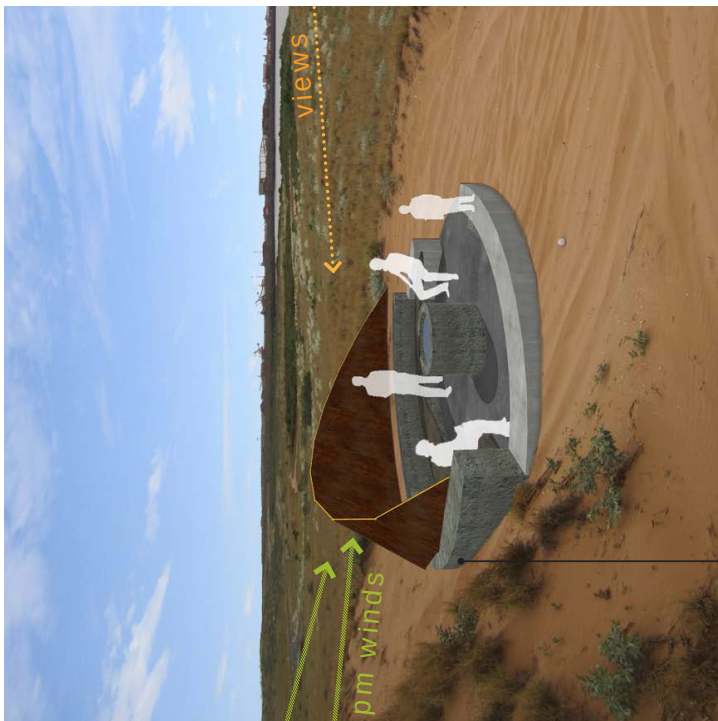


Dune Shelter Detail Plan & Section



LEGEND

- 01 2.2m wide elevated Boardwalk FRP or similar with kick rail. Final location to be confirmed on site
- 02 Stabilised gravel pathway
- 03 Bespoke Dune Shelter with Interpretative wayfinding signage, integrated artwork & seating. Final location to be confirmed on site
- 04 Open roof for stargazing & dreamtime stories



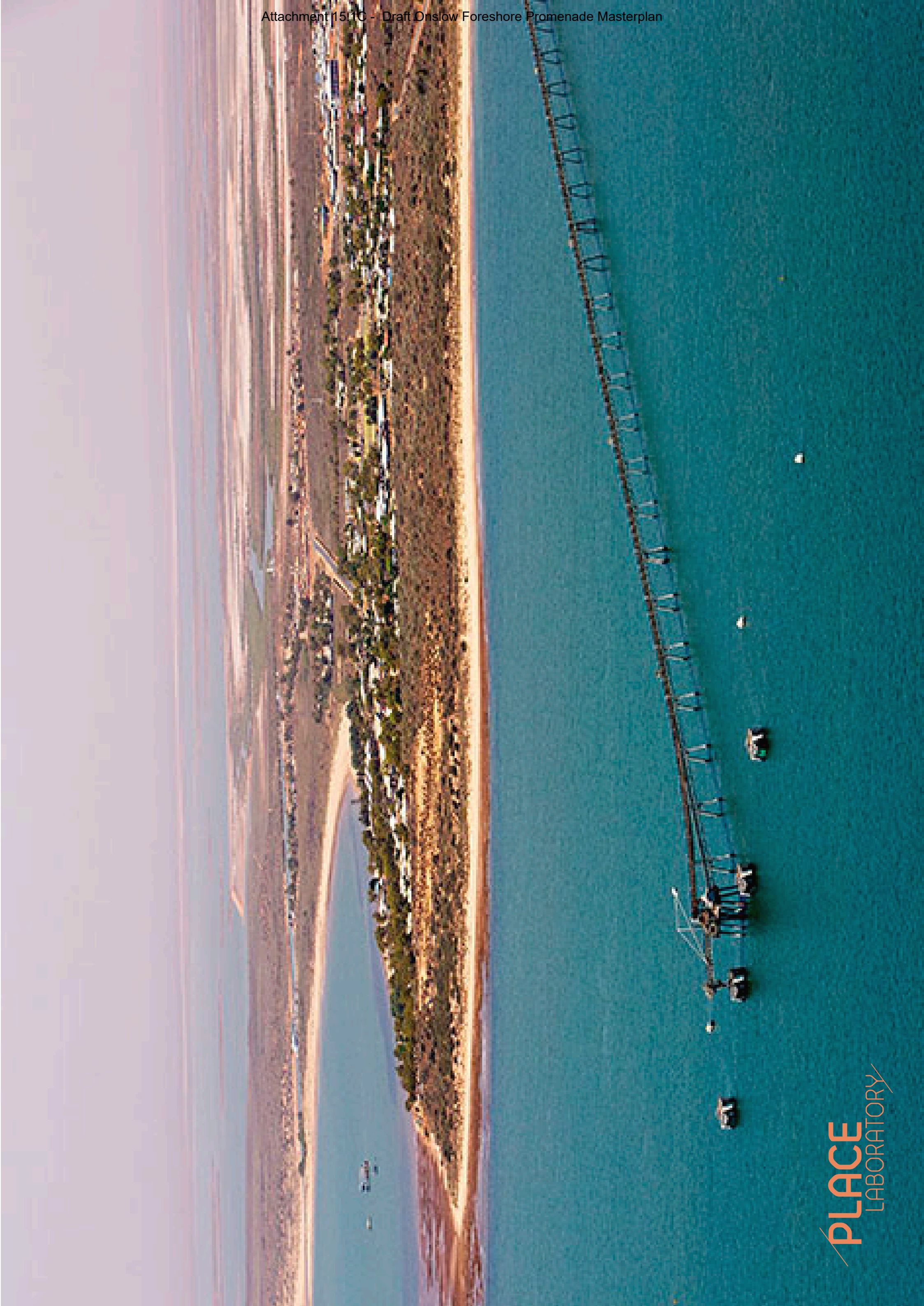
Beadon Creek Node



- LEGEND**
- 01 Stabilised Gravel Pathway
 - 02 Bespoke Coastal Shelter with Interpretative wayfinding signage, integrated artwork & seating. Final location to be confirmed on site
 - 03 Existing informal carpark
 - 04 Connection to elevated walkway
 - 05 Beach access
 - 06 Future pedestrian connection to future boating precinct



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PROPOSED ONSLOW CONFERENCE CENTRE



VIEW TOWARDS CAFE OVER THE DREAM VIEW TERRACES. ROBUST AND LOW MAINTENANCE MATERIALS USED SUCH AS COLORBOND, ACCOYA TIMBER (50 YEAR WARRANTY) AND RAMMED EARTH. HIGH MAINTENANCE SURFACES LIKE PAINT COMPLETELY ELIMINATED



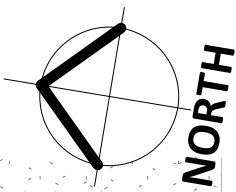
VIEW BACK TOWARDS FRONT ENTRANCE AND CAFE. BUILDING MASS HAS BEEN SCULPTED TO COMPLEMENT THE TOPOGRAPHY, TERRACING DESIGNED TO MINIMISE CIVIL WORKS AND PROVIDE AN ATTRACTIVE SETTING FOR THE CONFERENCE CENTRE.

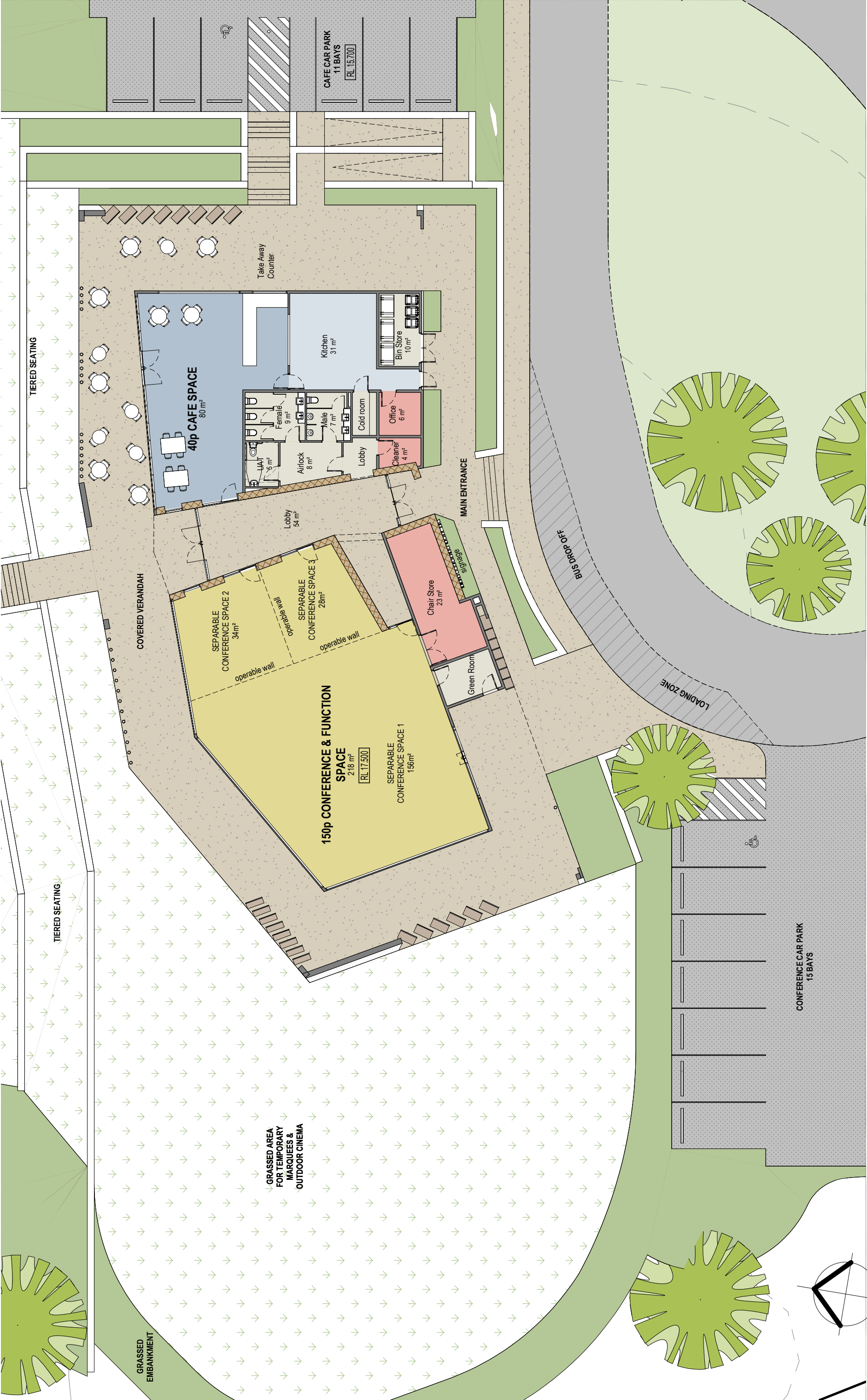


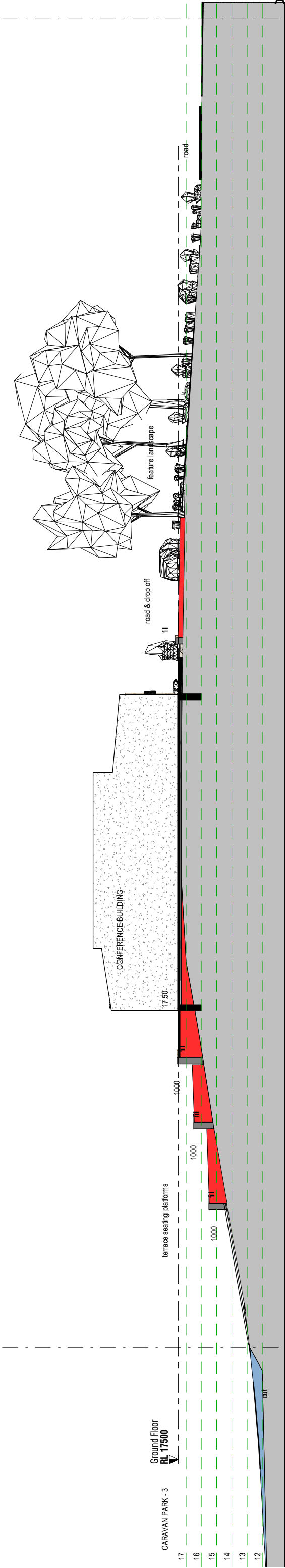
SOLAR STUDY AT 5PM ON THE SUMMER SOLSTICE. NOTE THE DEEP VERANDAHs AND CAREFULLY DESIGNED SHADE STRUCTURES COMPLETELY ELIMINATE ANY DIRECT SOLAR PENETRATION TO INTERNAL AREAS. VIEW ACROSS THE GRASSED OUTDOOR FUNCTION AREA WHERE MARQUEES AND OUTDOOR CINEMA CAN BE LOCATED.



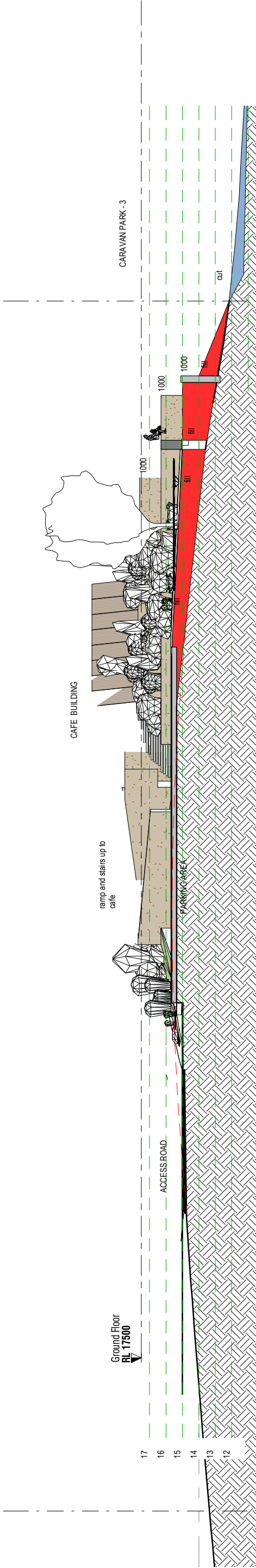
VIEW TOWARDS THE MAIN CONFERENCE CENTRE ARRIVAL AREA. COMBINATION OF PARKING AND BUS DROP OFF AREA. GUESTS CAN EITHER GO DIRECTLY INTO THE CONFERENCE CENTRE ON ARRIVAL (TO THE LEFT) OR THROUGH THE MAIN LOBBY (INDICATED BY THE RAMMED EARTH FEATURE WALL) IF THEY ARE ATTENDING MEETINGS OR FUNCTIONS IN THE SMALLER SEPERABLE SPACES.



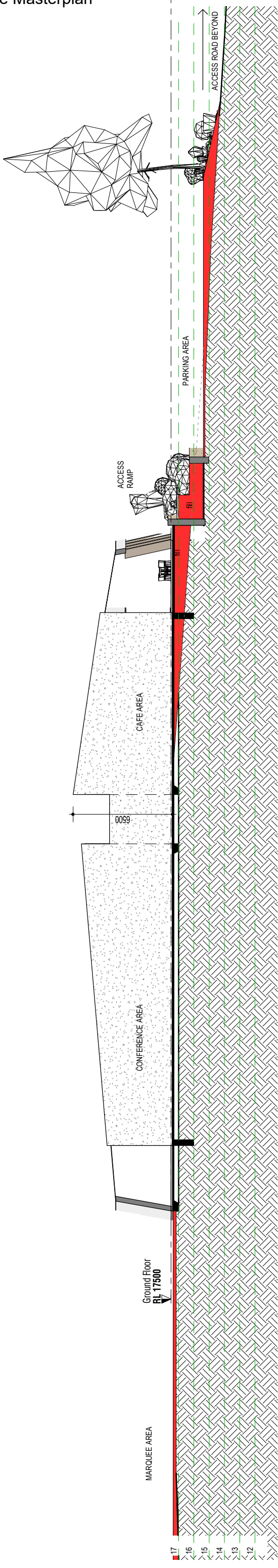




A Cross Section AA



B Section BB



C Section CC

1:250 When Printed at A3

0m 2m 5m 10m 20m



CAFE VIEW - DECEMBER 21ST AT 8:00AM IN THE MORNING



CAFE VIEW - DECEMBER 21ST AT 4:00PM IN THE AFTERNOON



FRONT VIEW - DECEMBER 21ST AT 8:00AM IN THE MORNING



FRONT VIEW - DECEMBER 21ST AT 4:00PM IN THE AFTERNOON



CAFE VIEW - DECEMBER 21ST AT 8:00AM IN THE MORNING



CAFE VIEW - DECEMBER 21ST AT 4:00PM IN THE AFTERNOON



FRONT VIEW - DECEMBER 21ST AT 8:00AM IN THE MORNING



FRONT VIEW - DECEMBER 21ST AT 4:00PM IN THE AFTERNOON

