



# CABLE BEACH FORESHORE REDEVELOPMENT

## Community Engagement Evaluation Report

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**CABLE BEACH**  
FORESHORE REDEVELOPMENT

## Acknowledgement of country

The Shire of Broome acknowledges the Yawuru people as the Native Title Holders of the lands and waters in and around Rubibi (the town of Broome) together with all Native Title Holders throughout the Shire.

We pay respect to the Elders past, present and emerging, of the Yawuru people and extend that respect to all Aboriginal Australians living within the Shire of Broome.

*Wirriya ngangaran liyan  
nyamba buru yaruwu*

*We hope you are feeling  
good in our yaruwu country*

# SUMMARY

The Community Engagement Evaluation Report documents the design evolution of the project and provides a high-level summary of the consultation undertaken as part of the detailed design process.

The report considers the informing strategies and concept plans that shaped the project and then documents the detailed design process and associated community engagement.



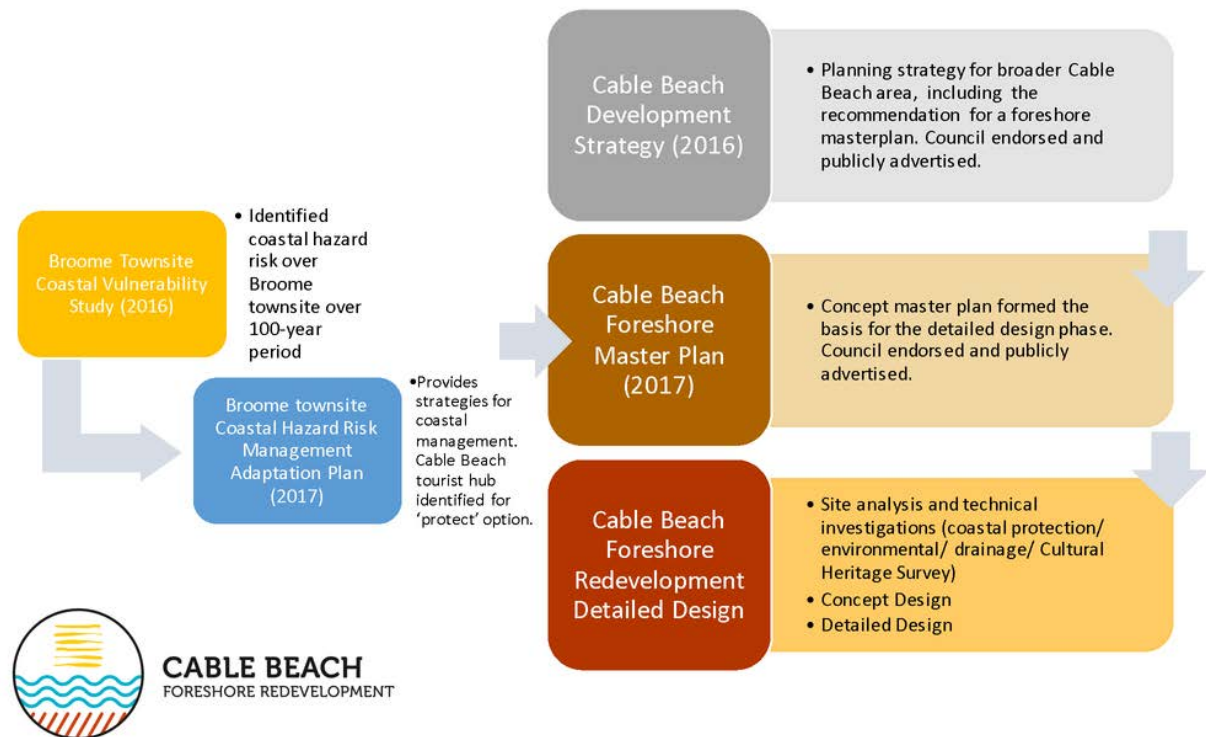
# PROJECT BACKGROUND

The Cable Beach Foreshore Redevelopment project has followed a methodical process from its early identification in the Cable Beach Development Strategy through concept development, Council adoption, and the detailed design phase. The following section provides a high-level summary of the project's evolution.

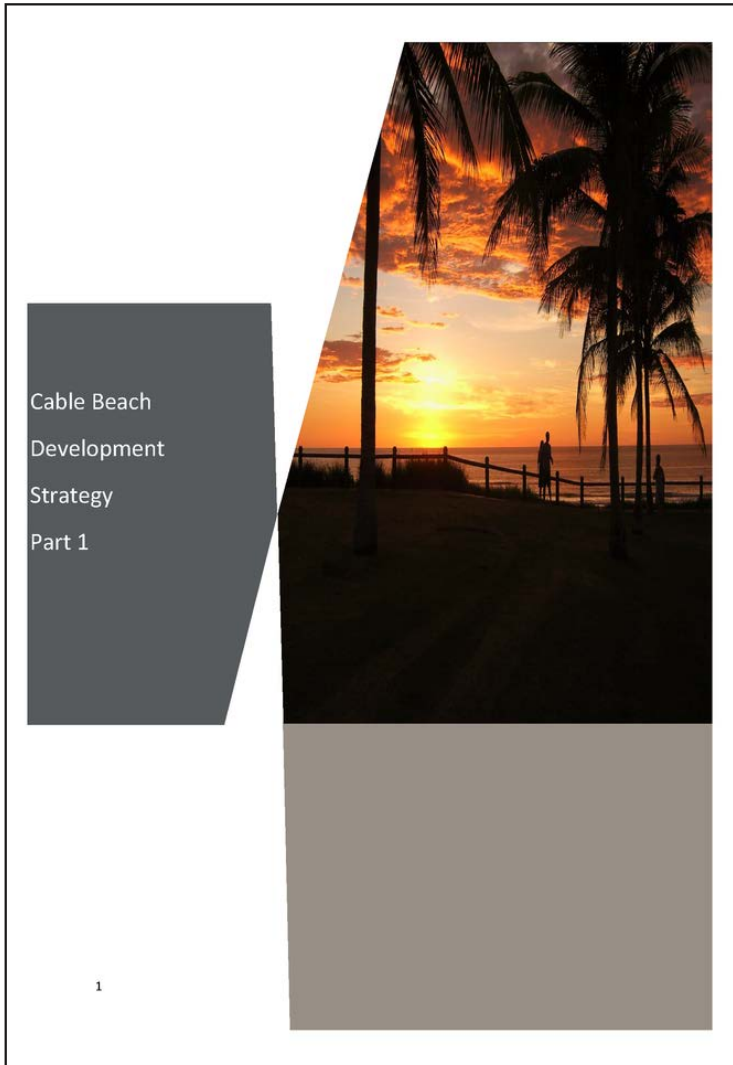
These Council-endorsed informing documents set out the direction and vision for the detailed design process, outlining key strategic decisions, such as the need for coastal protection, and the 'big moves' that would inform the design process.

The informing documents also frame the nature of what could be influenced through the detailed design process, which is typically about iterative refinement based on inter-disciplinary requirements, rather than wholesale changes.

## Cable Beach Foreshore Redevelopment Project Evolution



# CABLE BEACH DEVELOPMENT STRATEGY (2016)



Since the late 1990s, the Shire has recognised the need to undertake coordinated land use planning for the Cable Beach Precinct. This originally progressed through the formation of the Cable Beach Tourist Node Structure Plan (1998) followed by a number of strategies and plans. The most recent is the Cable Beach Development Strategy (CBDS), which was adopted at the Ordinary Meeting of Council (OMC) held in July 2016.

The CBDS provides guidance for future land use and development within the Cable Beach tourist district and includes recommendations for how the Shire and its relevant partners can work together to achieve the objective of the Local Planning Strategy.

One of the recommendations identified within the CBDS was for a Foreshore Master Plan to provide a vision for the Cable Beach Foreshore Reserve at a sufficient level of detail to seek funding for its implementation.

The following 'Shire of Broome Directions' were identified within the CBDS, subject to budget and resourcing: 3.8.2 Shire of Broome Direction – Public Realm Prepare a Foreshore Master Plan for the Cable Beach Foreshore Reserve (Reserve 36477), which explores the concepts outlined in the Concept Plan and provides a detailed basis for undertaking improvements in the public realm.

## **Engagement: Cable Beach Development Strategy (2016)**

- Mail out to landowners and stakeholders in the Precinct
- Media release
- Information made available on the Shire website, Facebook page, and at the Shire Administration Building
- Two public notices in the Broome Advertiser on May 12 and 19
- ABC Radio Interview with the Director Development Services on May 12
- Shire staff available through the advertising period to meet and discuss the draft Strategy.

# CABLE BEACH FORESHORE MASTER PLAN (2017)

In September 2016, the Shire engaged UDLA to prepare a Master Plan for the Cable Beach foreshore area and adjacent portions of the Cable Beach Road West Road Reserve.

The Master Plan considered, in greater detail, the concept designs that formed part of the Cable Beach Development Strategy.

The Master Plan provided the vision for the Cable Beach foreshore area, which has now progressed into detailed design and has been used as a tool to facilitate investment in community infrastructure through municipal funds, grants, and public and private partnerships.

Council endorsed the master plan at the Ordinary Meeting of Council held on October 17, 2017, following an extensive community consultation process.

The master plan has subsequently won a Planning Institute of Australia commendation award.



## Engagement: Cable Beach Foreshore Master Plan (2017)

- Advertised in the local newspaper
- Social media posts via the Shire Facebook page
- Community information day, whereby project team members sought feedback from the public and were available to answer any questions in relation to the Master Plan
- Media release
- A copy of the Master Plan was placed in the Shire's administration office, library and Chinatown Revitalisation Office
- Signage display at Cable Beach
- Letters sent to landowners located within, and adjacent to, the Master Plan area.





# COASTAL HAZARD RISK MANAGEMENT AND ADAPTATION PLAN 2017

The potential coastal erosion risks that may affect the Cable Beach Foreshore were identified through a Coastal Hazard Risk Management and Adaptation Plan (CHRMAP) process, which was also formally adopted by Council in 2017.

This identified the risk posed to assets and infrastructure within the footprint of the Cable Beach Foreshore Master Plan in the year 2040 and beyond.

An 'Extreme' risk rating for the year 2040 was identified for the Cable Beach Shoreline, Surf Life Saving Club and Zanders Café.

The CHRMAP process recommended that a 'protection' approach be taken for the Cable Beach Foreshore, which has informed the decision making as part of the detailed design.



Figure 4.17: Broome Town Centre Compartment showing 2110 inundation extent for the 500-yr ARI event storm surge with concurrent catchment based flooding



Figure 4.1: Coastal Compartments for CHRMAP

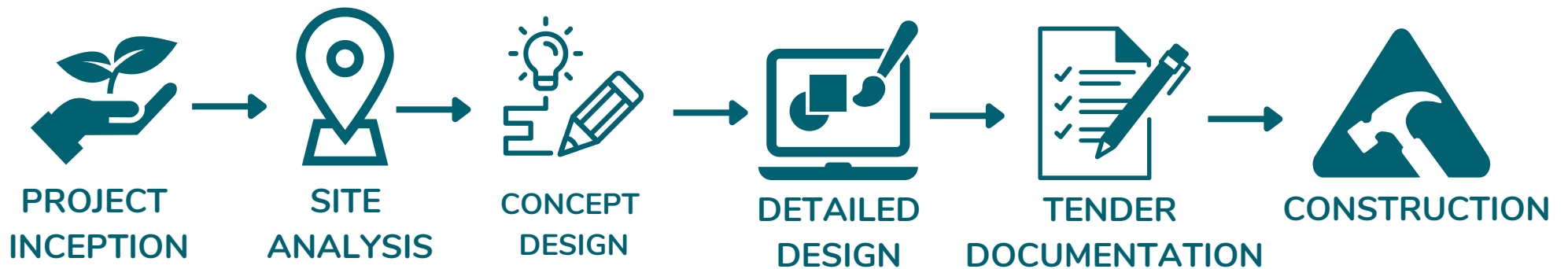


## Engagement as part of CHRMAP

- Two information forums and workshops
- Establishment of a dedicated CHRMAP webpage and email for project updates and enquiries
- Interview with the Shire's Director Development Services on ABC Radio
- Letters and FAQ sheets sent to affected landowners and key stakeholder organisations
- Display the draft CHRMAP at the Shire Administration Office with submission and feedback forms
- Advertisement in the local paper
- Media release
- Social media posts via the Shire Facebook page.



# CABLE BEACH FORESHORE DETAILED DESIGN PROCESS



At the Special Meeting of Council on September 8, 2021, Council resolved to engage Josh Byrne and Associates as lead consultant to undertake Detail Design services for the Cable Beach Foreshore Redevelopment.

The detailed design process included multiple design phases. Following project inception, a detailed site analysis exercise was undertaken, which included detailed opportunity and constraints mapping. The site analysis then informed an early schematic design, which was further developed in the early concept design phase.

The concept design phase included a broad community engagement exercise and helped to spatially fix many of the key design elements. Following the completion of the concept design, the plans moved into the detailed design phase, whereby the finer details of the plan were established.

# SITE ANALYSIS OPPORTUNITIES AND CONSTRAINTS



The scope of works involved revisiting and reviewing the adopted master plan and testing it against updated technical investigations, notably:

- Coastal protection investigations
- Feature survey
- Geotechnical investigations
- Environmental surveys
- Servicing investigations
- Cultural heritage survey

The opportunities and constraints document summarises the site analysis in the diagrammatic form and then identifies important issues as opportunities and constraints.

These have been set out spatially to better represent key issues such as tenure, vegetation, ecology, geology, climate, heritage, movement, amenity, coastal engineering, servicing and drainage.

## Key site analysis considerations

- Tenure included both land tenure and the zoning and reserves under the local planning framework
- Vegetation identified typology, location and condition
- Ecology noted Threatened Ecological Communities (TECs), Priority Ecological Communities (PECs), and fauna
- Geology included soils and Topography
- Climate-identified seasonal variations in temperature, rainfall and wind.
- Heritage covered Aboriginal heritage, European heritage, and dinosaur footprints.
- Movement identified existing patterns associated with vehicles, camels, pedestrians and bikes, and public transport
- Amenity considered arrival experience, user feedback, signage, amenity/activation, and views
- Coastal Engineering identifies the coastal processes applicable to the site and existing coastal planning work through the Coastal Hazard Risk Management and Adaptation planning(CHRMAP) process
- Existing drainage and services.



## Opportunities and constraints based on the baseline review

OPTION	OPPORTUNITIES	CONSTRAINTS
TENURE	Adjacency of sympathetic uses such as accommodation and trails.	Consequences of design decisions on Conservation Park, Cable Beach Club Resort and Camp School must be considered to minimise negative economic, cultural and environmental impact.
VEGETATION	Protect and enhance existing vegetation. Native plant palette will reinforce sense of place	Exotic species and degraded vegetation undermines landscape quality. The Flora and Vegetation Assessment (2019) did not cover full extent of project site, further survey work needed.
ECOLOGY	The TEC, birds, turtles are ecologically significant and attract visitors and creates potential for interpretation and education.	Further work is needed to identify extent of TEC, and potential PEC. Ecologically sensitive areas will require protection and enhancement and a suitable buffer, this will require careful consideration of locating infrastructure and access, drainage outlets and treatment, lighting, and the management of vehicle access.
GEOLOGY AND TOPOGRAPHY	The combination of white sandy beach, Pindan, and sandstone creates a distinctive sense of place. Footings could be founded on sandstone. The adjacent dunes provide sweeping views.	Mobile sand dunes create difficulties for siting infrastructure and will influence engineering and maintenance cost. The dunes fall away to the road, which obscures views of the beach from the arrival. There are no visual cues to the beach until you reach the northern end.
CLIMATE	Dry, warm weather between April to September make Cable Beach a destination when other Beach destinations are experiencing the off-season. Breezes can be used to improve visitor comfort.	Extreme heat and heavy rain must be considered in the provision of visitor amenities for (shade, shelter, seating at frequent intervals, drinking water provision). Planting and irrigation design must account for minimal rainfall in the dry period and heavy rain in the wet season. Hardstanding contributes to heat by absorbing and re-radiating heat. Hardstand extent and material should be carefully considered. Heat reduces the distance people are prepared to cycle/walk. Cyclone risk has structural design implications.
HERITAGE	The geology, land formations, flora and fauna all have significance for the Yawuru and offer rich cultural interpretation opportunities. There is also the potential to tell the story of the Dinosaur footprints and the telegraph cable.	Development that requires ground-disturbing activity requires engagement with Yawuru. Development must be mindful of exposing or disturbing archeological material. Aboriginal heritage and Dinosaur tracks are protected under national legislation. Cultural and historic interpretation is needed. Detailed engagement with Yawuru is needed to understand how cultural protocols can be met including the protection of the restricted site to the north.
MOVEMENT	Increase active transport by providing cycling and electric scooter infrastructure. Improve accessibility and beach access. Enhance connectivity and pedestrian comfort to improve walkability. Provide safer more suitable service and vehicle access.	Heat limits acceptable walking distance. The change in level will make achieving full accessibility across the site challenging. Existing accessibility is limited. Priority access points should be identified and designated as accessible. Vehicle access is desirable to some visitors but has negative cultural, environmental and safety impacts. Camel, vehicle, service, bus/coach, and pedestrian movement must be carefully managed. The TEC and tree protection will limit the number of carparking bays achievable. Overflow parking may need to be considered.
AMENITY AND VISITOR EXPERIENCE	Enhance arrival, amenities, activity, diversity, interpretation, and views to Cable Beach. Increase dwell time and 24hr activation. Visual cues to the beach can be enhanced.	There is limited amenities, activation, planned arrival sequence, or views of the beach. Sunset Bar/Camp School views will need to be maintained. Post COVID visitor patterns are uncertain which creates risk of overestimating demand. Creation of large commercial premises must consider seasonal visitor numbers.
COASTAL ENGINEERING	Opportunity to stabilise dunes and increase resilience to coastal hazards.	The adaptation options require a "coastal storm buffer" and a "sea level rise adaptation buffer". These buffers create a zone where development should be avoided. Mitigation options are proposed to protect the existing infrastructure. The proposals will involve reprofiling and disturbance to the dunes.
DRAINAGE AND SERVICES	Better utilise central areas by relocating existing drainage basin. Incorporate WSUD principles and create attractive landscape drainage.	The existing basin is a poor use of space, but must be relocated as it takes water from a wider catchment. The beach outlet can cause erosion and unsightly discharge. Aesbestos mains may need to be replaced, and drainage pipework needs updating. SLSC services may need to be modified to suit new levels. Substation is in the middle of the proposed plaza.

This work enabled the consultants to revisit and test the assumptions of the adopted Cable Beach Foreshore Master Plan (2017) and has resulted in key constraints being mapped out and overlaid in a high-level schematic layout. This then informed the early concept design (next page).

# Early concept design

The strategy diagram and schematic masterplan are aligned with the approved Cable Beach Foreshore Masterplan (2017). However, following the 2017 Masterplan, additional site investigations were carried out that some implications on some of the masterplan elements. The review below raises queries that will be discussed going forward.

Coastal Adaptation Buffer - minimise infrastructure including new commercial?

DDA Access - stairs only shown in this location. Consider ramp here also?

Heritage Value Area

The Approved masterplan suggested there were 480 parking spaces on site and they would be re-provided. Given the need to protect existing trees on site, the TEC protection zone, and cultural value areas, this will be difficult to achieve. A detailed count was undertaken and confirmed there are 467 existing parking bays on site (including motorcycle and long bays).

Heritage Value Area (High). Realigned access road extends into the Heritage Area.



The access road divides the events space. Is there an opportunity to reconsider the location of the access road?

Does there want to be a drop-off zone closer to the beach access?

The omission of all parking from the north may require over-flow parking elsewhere on or near site.

Could some commercial opportunities help activate the central plaza?

The TEC has been identified and is to be retained and protected. The placement of the commercial buildings in this location between the TEC and Coastal Adaptation Buffer becomes difficult to achieve. Could the central plaza be an alternative?

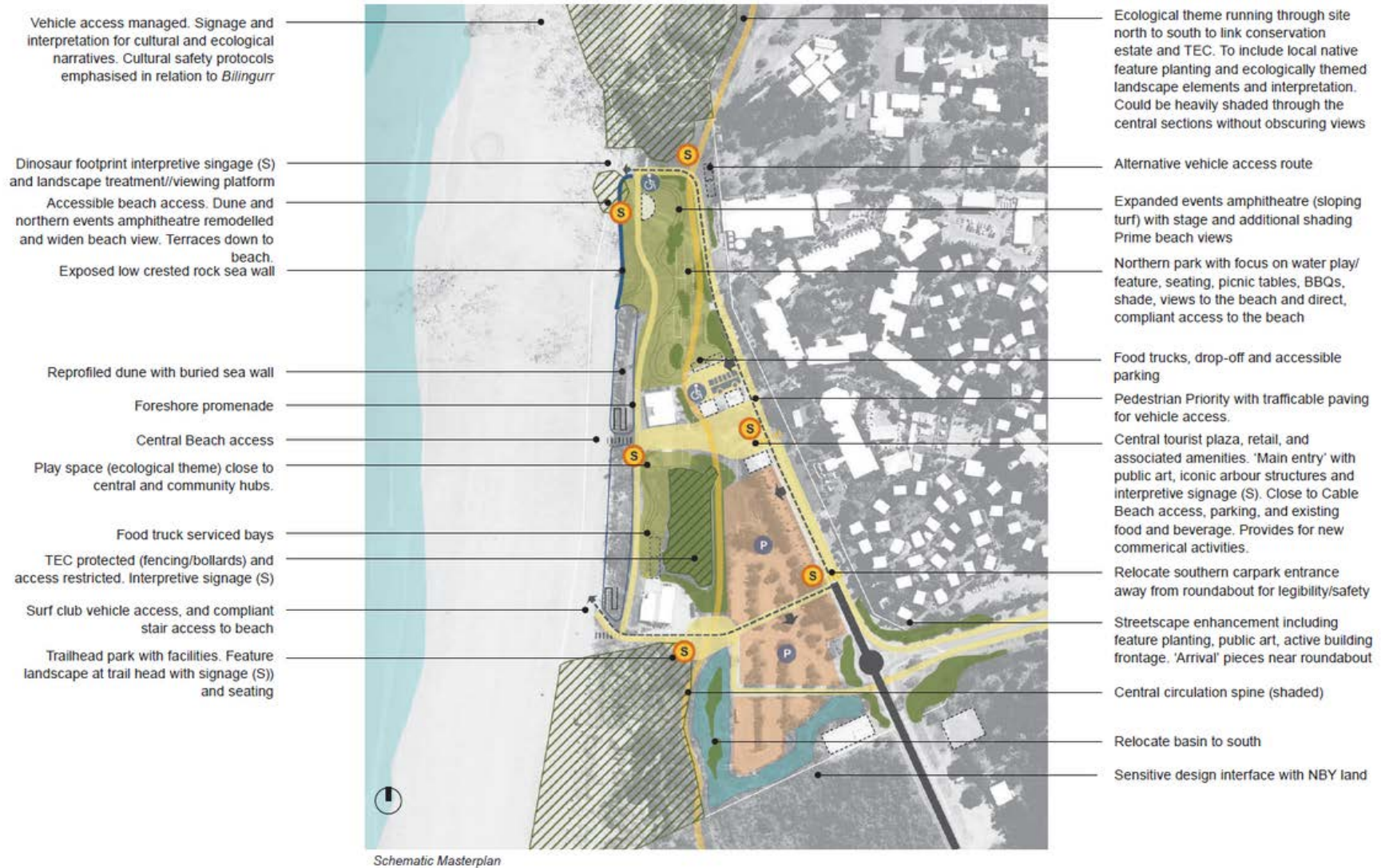
Existing access road shown dashed - realignment will encroach into dunes and possible MVT. Could this be reconsidered?

Heritage Survey conditional cleared - Yawuru cultural monitors to be engaged for all earthworks

Will the drainage strategy require relocating the drainage basin, and would locating it in the southern carpark have the least impact to the masterplan?

This work enabled an early schematic design, which was further explored in the concept design phase (next page).

# Concept design phase





# CONCEPT DESIGN

The initial stages of the project (literature review and site analysis) enabled the consultants to revisit and test the assumptions of the adopted Cable Beach Foreshore Master Plan (2017).

This resulted in key constraints being mapped out and overlaid in a high-level schematic layout and subsequently informed the development of a concept design, which was workshopped with the CSRG and other community groups in March 2022.



Early concept design

## Key elements of the concept design

### Central Community Space and Water Play/Play Space

The existing car park behind Zanders is proposed to be removed and replaced with an active community space including water play, naturescape playground, community BBQs, shade structures and increased tree planting.

### Reorientation of the existing amphitheatre

A key objective of the Cable Beach Foreshore Master Plan is to provide a variety of spaces that can cater for a range of events and activities all year round. One of the key elements of the proposed plan is the reorientation of the existing amphitheatre and associated terracing to create an iconic events space that overlooks the Indian Ocean, providing a unique setting for local and major events. The reorientation of the beach access road is intended to open up the broader green space, which could also be used for sunset picnics, community activation and performing arts.

### Arrival statement

The Cable Beach Foreshore Master Plan states that the arrival to the Cable Beach precinct will be improved through a new public art feature in the arrival roundabout to highlight the precinct day and night. Officers are working with Josh Byrne & Associates and key local stakeholders including Nyamba Buru Yawuru and the Broome Historical Society to develop an Art and Interpretation Plan.

The Plan will inform the creation and implementation of a range of public art initiatives, which will enhance the arrival to the precinct, interpret the precinct's heritage, improve wayfinding and create opportunities for community interaction and connection.

## Key elements of the concept design (continued)

### Coastal Protection Measures

Reprofiling and revegetation of the dunes to better reflect their natural state, and incorporation of a rock revetment structure in the north to reflect the higher risk of coastal erosion and protect key infrastructure, such as drainage and beach access. The design has also incorporated a storm erosion buffer and sea level rise adaptation buffer.

### Drainage

Removal of the existing drainage sump and improved utilization of existing drainage channels to accommodate stormwater and provide natural infiltration into the dune system.

### Parking

Reconfiguration of the existing parking areas to provide for a more coordinated parking arrangement. This provides the opportunity for a centralised community space and water play/ play space in the existing car park behind Zanders. Opportunities for the promotion of sustainable transport modes are also proposed to encourage walking, cycling, scooters and electric vehicles.

# CABLE BEACH COMMUNITY ENGAGEMENT PLAN

The Cable Beach Community Engagement Plan was endorsed by Council at the Ordinary Meeting of Council on September 30, 2021. This set out to deliver a high standard of community engagement and consultation throughout the detailed design phase; working to ensure the community remained involved throughout this phase of the project and can provide feedback.

## **COUNCIL RESOLUTION**

**Minute No. C/0921/018**

**Moved: Cr N Wevers, Seconded: Cr F West**

**That Council:**

- 1. Endorses the Community Engagement Plan for the Cable Beach Foreshore Redevelopment Project Detailed Design (Attachment ) with the addition of the Cable Beach Turtle Monitoring Group to the Primary Stakeholders and the owner of the former Malcolm Douglas Crocodile Park Property.**
- 2. Authorises the Chief Executive Officer to make minor changes to the Community Engagement Plan as required during implementation;**
- 3. Approve a budget amendment of \$18,000 excluding GST to Expense Account 1181426 for the delivery of the Community Engagement Plan and identify funds through the First Quarter 2021-2022 Finance and Cost Review.**
- 4. Adopts the Cable Beach Community and Stakeholder Reference Group Terms of Reference (Attachment 2) with the addition of (1) one member Representative from the Cable Beach Turtle Monitoring Group and the owner of the former Malcolm Douglas Crocodile Park Property .**
- 5. Requests the Chief Executive Officer to advertise for Expressions of Interest for community member representation to fill positions on the Cable Beach Community and Stakeholder Reference Group and at the close of the submission period table all submissions to Council for consideration of endorsement; and**
- 6. Request the Chief Executive Officer to formally invite representation from all member organisations included in the Cable Beach Community and Stakeholder Reference Group Terms of Reference (Attachment 2).**

The Community Engagement Plan sets the level of engagement for the project as 'Involve'. This is based on the Shire's endorsed Community Engagement Framework and successful engagement methods used in other Shire projects.

Given the significance of the Cable Beach Foreshore Redevelopment, the Community Engagement Plan included the establishment of the Cable Beach Community and Stakeholder Reference Group.

The purpose of this group will be to:

- Provide input and feedback to the Shire of Broome and Council on the Cable Beach Foreshore Redevelopment detailed design.
- Ensure the community and key stakeholders are appropriately engaged in the detailed design phase of the project.
- Act as a conduit between the Shire of Broome, Council and the community, businesses and residents in Cable Beach.

Expressions of Interest (EOI) for nominations to the Cable Beach Community and Stakeholder Reference Group (CBCSRG) were sought over a 4-week period. At the November 18, 2021 Ordinary Meeting of Council, the following members were appointed to the CBCSRG.

## Stakeholder Reference Group Members

Nyamba Buru Yawuru representative  
Broome Chamber of Commerce and Industry  
Hawaiian Group  
Australia's North West  
Kimberley Development Commission  
Dinosaur Coast Management Group  
Surf Life Saving Club  
Department of Biodiversity, Conservation and Attractions  
representative  
Environs Kimberley  
Tourism WA  
Malcolm Douglas Crocodile Park  
Regional Development Australia  
Broome Camp School  
Broome Visitor Centre

### **Cable Beach Traders**

Zanders – Stuart Voce  
Blue Seas Resort – Nigel Perry  
Broome Explorer Bus – Melissa McDougall  
Daryl Robertson – Broome Beach Hut

### **Community Members**

Cable Beach Resident 1: Gary Waldron  
Cable Beach Resident 2: Gianna Cortese  
Cable Beach Resident 3: Chelsea Hinde  
Broome Community 1: Owen Hightower  
Broome Community 2: Emma Kinney  
Broome Community 3: Damien Dep

Meetings were held with the Stakeholder Reference Group to present the site analysis and opportunities and constraint mapping, including additional sessions focused on coastal protection options.

The group also presented various iterations of the concept design and detailed design.

# COMMUNITY ENGAGEMENT

As set out in the Community Engagement Plan (CEP), the level of engagement for the project was to ‘involve’ with the level of engagement varying between stakeholders. The key opportunities for involvement as set out in the CEP were during the concept design community engagement sessions and through the Cable Beach Community and Stakeholder Reference Group (CBCSRG) meetings.

The CBCSRG meetings were held on the following dates and provided updates on the following topics:

Meeting No.	Date	Topic
1	December 7, 2021	Site analysis, opportunities and constraints, and coastal protection
2	February 16, 2022	Schematic design and coastal protection update
3	March 9, 2022	50% Concept Design
4	May 26, 2022	100% Concept Design
5	September 7, 2022	85% Detailed Design

# CONCEPT DESIGN COMMUNITY FEEDBACK

From March 9-15, 2022, the 50% Concept Design was workshopped with a number of stakeholder groups. The Community Engagement program was designed to ensure everyone in the community had a chance to see the designs and speak with Shire Officers and the consultant team.

The sessions were as follows:

Date	Event/Activity	Stakeholders
March 9	Cable Beach Community and Stakeholder Reference Group Meeting	Cable Beach Community and Stakeholder Reference Group
March 9-10	Targeted Community Information Session (individual sessions: Environment, Cable Beach traders, events and performing arts)	Individuals and organisations reflecting each area of interest
March 11	Information display – Broome Boulevard Community Picnic	Whole community
March 12	Information display – Broome Boulevard	Whole community
March 15	Targeted Community Engagement Session (Youth)	Youth Advisory Council





## Further community engagement

- A community information picnic was held on June 27, 2022, to provide broader reach into the Yawuru community
- A project-specific website was set up to provide background and regular updates on the project
- Regular social media updates on Facebook
- Notice of public engagement sessions in the Broome Advertiser
- Videos from the Shire president introducing the concept plan, followed by a video from the CEO and Coastal Consultants providing further information on the coastal protection options
- Radio adverts notifying the community of the design process and engagement opportunities
- Children-specific consultation exercises were undertaken at the NBY Community Information Day and at Cable Beach Primary School (pictured).

# ABORIGINAL ENGAGEMENT



“As the Native Title Holders of Broome, the Yawuru people are considered to be more than just stakeholders and have been engaged throughout the design process. This has involved multiple design meetings with Yawuru Law bosses, presentations to the Nyamba Buru Yawuru (NBY) Prescribed Body Corporate, and the Yawuru Park Council Working Group. NBY technical officers have also formed part of the Shire's Technical Advisory Group, which has provided technical input into the design process. A community picnic was held on June 27, 2022, to seek Yawuru community feedback on the design.

NBY undertook a cultural heritage survey in December 2021. This considered the implications of the 2017 master plan on cultural heritage and

provided design recommendations for the design development. The survey provided the platform for on-site meetings between the project team and Yawuru Law Bosses to address key design considerations such as culturally sensitive sites, coastal protection, vegetation and access arrangements.”

In December 2021, NBY conducted a heritage survey with Yawuru elders over the Cable Beach redevelopment area. The Heritage Survey acknowledged the need for coastal protection and expressed a preference for a buried seawall using rock, as well as re-contouring of the sand dune to an incline of 1:3 for greater coastal protection and revegetation.

The Survey notes a significant site to the north of the access ramp which is not cleared. It was agreed Yawuru will have continuing involvement in the detailed design process for the coastal protection and drainage, and further ecological surveys be undertaken to assess the presence of Monsoonal Vine Thickets in the proposed drainage area. The Shire has also met with Goolarabooloo Millibinyarri Indigenous Corporation and has been working with representatives to ensure the impact on heritage sites is minimised.



# COASTAL PROTECTION



The coastal risks affecting the Cable Beach Foreshore and the broader Broome townsite were identified through a Coastal Hazard Risk Management and Adaptation Plan (CHRMAP) process, which was formally adopted by the Council in 2017. The CHRMAP concludes that a Protect option should be adopted for the main tourist hub of Cable Beach.

Different coastal protection options were investigated throughout the design process, including sand nourishment, a buried rock revetment and geotextile sand containers (sandbags).

It became apparent early on that that coastal protection does not suit a ‘one size fits all’ approach and different protection strategies may be required to reflect Cable Beach’s dynamic coastal environment.

A specialist coastal consultant undertook a range of technical investigations to establish the most appropriate protection option. This included wave monitoring, geotechnical investigations, site visits, concept design development, and multiple meetings with Yawuru Law bosses. The coastal consultant also presented to the Council and the Cable Beach Community Stakeholder Reference Group.

These investigations identified ‘sand nourishment’ as the preferred coastal protection approach for the dune system in front of Zanders and the Surf Club on the basis that it would result in a more natural coastal protection approach whilst also providing a reasonable risk profile.

One of the key factors underpinning the recommendation for sand nourishment is the additional geotechnical investigations that were undertaken as part of the detailed design process. This identified a greater extent of sandstone rock underneath the dune system, thus providing greater natural protection to the toe of the foredune.

In the northern section of the foreshore, where the beach access and drainage outlet are located, the investigations found that the most suitable protection would be an exposed rock revetment.

Key factors that influenced this recommendation included data obtained through wave modelling that identified localised wave run-up in the northern amphitheatre section, and the presence of existing coastal protection structures (gabions) and the need to provide and protect beach access and drainage structures.

The coastal design response was workshopped on a number of occasions and received conditional support from Yawuru the Native Title Holders of Broome.

At the Ordinary Meeting of Council on 24 February 2022, Council endorsed Officer's recommendation for the coastal protection options, which have subsequently been progressed through to detailed design.

*(Report Recommendation)*

*Moved: Cr B Rudeforth*

*That Council:*

*Minute No. C/0222/020*

*Seconded: Cr P Taylor*

- 1. Notes the work undertaken to date on the design and investigation of Option 1 Buried Rock Revetment and Option 4 Sand Nourishment and the suitability of an exposed rock seawall to be used in the Northern area of the development (CH 350 - CH 460) as protection options for Cable Beach Foreshore;*
- 2. Notes the heritage survey undertaken by Nyamba Buru Yawuru and supports the continued engagement with Yawuru throughout the design and construction process;*
- 3. Notes the Technical Engineering Note prepared by Seashore Engineering outlining the design basis for the selection of the preferred coastal protection option for the Cable Beach Foreshore Development;*
- 4. Endorses Option 4 Sand Nourishment as the preferred "protection" option for the Cable Beach Foreshore from the surf club (CH 0) through to the exposed beach rock (CH 350);*
- 5. Endorses an Exposed Rock Seawall as the preferred "protection" option for the Cable Beach Foreshore from the exposed beach rock (CH 350) through to the existing pindan headland (CH 460).*

**CARRIED 5/1**

# HIGH-LEVEL FEEDBACK FROM ENGAGEMENT



The Cable Beach concept design was developed and revised according to regular feedback from Shire officers, the Shire Executive, the Technical Advisory Group (TAG), and key stakeholders.

Key stakeholders include Yawuru, environmental groups, Dinosaur Coast Management Group, event producers, Zanders Restaurant, Cable Beach Club and camel operators.

The Shire carried out an extensive stakeholder and community consultation event in March 2022. A high-level summary of the issues raised is identified on the following pages.

Subsequent to the engagement exercise, all efforts were made to ensure design changes addressed the issues raised. However, there were instances where design changes would have unintended consequences on other aspects of the design. These were considered but not progressed.

# HIGH-LEVEL SUMMARY OF ISSUES

## Events

- Access for large trucks with infrastructure
- Stage space needs a back-of-house area
- Sufficient power for market stalls
- Maintain sightlines
- Opportunity for multiple stages
- Consider the potential for a lawn area to the west of the promenade
- Opportunity for futsal or five-a-side football (and other small-scale events) on the upper lawn area was suggested.

## Design response

Sporting, marquees, stage back-of-house area, and truck access were considered and incorporated into the concept design stage. Sight lines were balanced with trees for shade provision. Areas for additional stages and power were incorporated.

Level space on the upper lawn has also been incorporated.



## Movement

- Safety concerns over access realignment especially in front of Cable Beach Club
- Concerns over camel, car, and pedestrian interaction
- Concerns over anti-social behaviour on the access road
- Distance from carpark to beach
- Incorporate lots of bike racks
- Potential for alternative pedestrian and camel access to the south of the Camp School
- Access/servability to Zanders
- Concern over playground/fencing to road
- Car parking for larger vehicles
- Direct access to the beach.

### Design response

The interface between the road and the Sunset Bar was modified to increase pedestrian safety.

Traffic calming measures were also introduced. The opportunity to increase the buffer to the Sunset Bar was explored but was considered that this could have unintended consequences for the open-space amphitheatre area.

The interface with Zanders was identified as a key design area, with a desire to relocate the existing gas bullet. The central area was made trafficable to ensure essential services could access Zanders on an infrequent basis. The playground introduced a vegetated bund to buffer from the access road. Routes to the beach from the carpark were carefully considered.



## Youth

The overarching issue was the importance of youth activities and the need for more focus on older children.

### Design response

Opportunities for handball, basketball, net-climbing structures, and football were considered, with basketball and skating elements identified for the amphitheatre stage area. A designated youth space has now been incorporated into the design.

## Ecology

This focused on the impact on turtles and the value of Monsoonal Vine Thicket (MVT).

### Design response

Construction considerations, sensitive lighting design, and education through signage and interpretation are key elements to be incorporated into the detailed design phase.

The design seeks to minimise the impact on MVT north of Surf Club.

## Interpretation/Stories

- Conservation Estate/Yawuru heritage
- Dinosaur footprints
- Cable Beach in the '70s
- Pearling history
- Six Yawuru seasons
- Opportunity for cultural tourism
- It should be uniquely Broome.

### Design response

Opportunities for interpretive artwork and signage were considered, and a draft art and interpretation location plan has been developed.

The design uses landscaping and interpretation to reflect the character and stories of the site.

## Comfort

- More shade and trees
- Water play needs to be heavily shaded to avoid issues currently experienced at Town Beach with water temperature.

### Design response

More shade was provided to increase user comfort. In some locations, this was balanced against the function of the space. For example, in the amphitheatre, the provision of shade trees was balanced with the need to clear sight lines to the stage. User function also dictated where shade was provided in the central area, with increased trees and shade structures to cover the water play.

## Commercial

- More work needed to understand demand
- Some support for seasonal businesses in the central area
- The impact on existing businesses needs to be considered.

### Design response

Opportunities for interpretive artwork and signage were considered, and a draft art and interpretation location plan was developed. It was landscape design and interpretation reflect the character and stories of the site.

The commercial spaces were originally identified in the 2017 master plan and supported the business case. Space has been allocated for commercial opportunities within the design but future land use opportunities will be informed by subsequent investigations.

# DETAILED DESIGN UPDATES

## Monsoonal Vine Thicket Buffer

The design has been further amended to increase the buffer between the surf club and the car park. This is intended to minimise the impact upon the monsoonal vine thicket and provide a greater promenade between the surf club and the central area.

## Central Stage Area

The stage area has been modified to accommodate the drop in gradients across the site and to reflect better the requirements for staging medium/large-size events. This includes incorporating wheelchair access into the amphitheatre. The configuration has also been amended to enable vehicles to access the stage for setting up events.

## Consolidated car parking area

The consolidated car parking area has been tested with a detailed traffic modelling exercise (SIDRA analysis). This considered the proposed layout under a range of traffic scenarios, including a 50 per cent increase and a 100 per cent increase, to determine the extreme demand capacity and performance impacts. Overall, the analysis found minimal delays and queuing would result following the redevelopment and modifications to the roundabout and car parking layout.





## Youth Hub

The original concept design did not envisage the reactivation of the land to the east of the surf club. As the concept design has progressed, opportunities for an integrated youth space, including skate elements and a half basketball court have been explored and are now in the detailed design phase.

The inclusion of the youth elements responds to the stakeholder engagement in March, and a Council resolution that requested that skating elements be considered as part of the detailed design process.

## Drainage layout

The proposed drainage design seeks to remove the existing drainage sump and provide for compensating storage in the drainage swale to the south of the foreshore reserve. As part of the detailed design, the drainage consultants have created a model that considers the impact of proposed drainage upgrades on properties in the locality, as well as the impact of stormwater flowing onto the beach.

The modelling demonstrates that widening the swale can accommodate the additional stormwater resulting from the removal of the drainage basin, whilst drainage modelling has identified that the upgraded piping system will not result in increased beach scouring due to stormwater outflows.

### **Art and Interpretation**

An art and interpretation plan has been drafted and shaped by the Broome Historical Society, Goolarabooloo and Yawuru Cultural Reference Group. This considers key spatial locations where public art could be incorporated, along with emerging themes and stories, and how art and interpretation could be intertwined with the final design.

### **Exercise equipment**

The original concept master plan included exercise equipment at the top of the dune between the Surf Club and Zanders. A number of different exercise equipment options were explored, however, due to the space constraints resulting from the coastal hazard buffer, the type and location of the fitness equipment are relatively constrained. The proposed exercise equipment is to be a multi-use pull-up station, similar to existing built structures at Miami Beach, Florida.

### **Gas bullet relocation**

The detailed design is looking at the best way to accommodate the gas bullet currently stored outside Zanders. A number of options for alternative arrangements have been explored, such as reducing the size of the gas container. However, given its current use, this is not considered an acceptable alternative. It is proposed that the gas bullet be relocated between Zanders and the Surf Club to reduce its visual impact, whilst also maintaining its servicing requirements.



## Landscape Plan

A landscape plan has been developed that sets out a draft planting palette and planting plan. This builds upon the native species endemic to the locality and seeks to celebrate the sites surrounding context. It is considered that these plants could be propagated at the Shire's nursery.

## Final Detailed Design

The final detailed design has been packaged up and the following sections provides some visuals of the final design.

An aerial photograph showing a coastal area with a sandy beach in the foreground, a line of green vegetation, and a residential or commercial development in the background. The development includes several buildings with white roofs, a parking lot, and a large open area. The beach is wide and sandy, with some people visible. The water is a light brown color. The overall scene is bright and sunny.

## NEXT STEPS

With finalised detailed design will be packaged up into tender documentation. This will be staged to minimise the impact of the useability of the site, and also reflect funding obligations.

This is an exciting time for Cable Beach and the broader Broome community and we look forward to keeping you updated as the project progresses into construction.



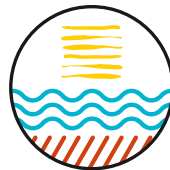
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