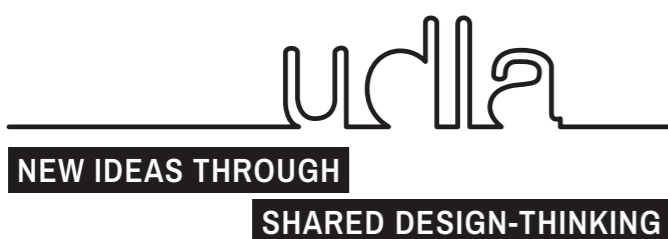


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KUNUNURRA AND WYNDHAM URBAN DESIGN VISIONING



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Table 1. Edition Details

Kununurra and Wyndham Urban Design Visioning	
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Prepared for:
Shire of Wyndham East Kimberley



udla

NEW IDEAS THROUGH

SHARED DESIGN-THINKING

Level 1A, 3-5 Josephson Street
Fremantle WA 6160

Image 1. Celebrity Tree Park (Cover) Source: fulltimecaravanning.com.au

Image 2. Diversion Dam (Right) Source: thekimberley.com



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CONTENTS

EXECUTIVE SUMMARY	5	4.0 WYNDHAM	26
1.0 INTRODUCTION	6	4.1 KEY PROJECTS	27
1.2 STRATEGIC COMMUNITY PLAN 2017 TO 2027 - VALUES	8	4.2 WYNDHAM TOWN CENTRE	28
1.3 STRATEGIC COMMUNITY PLAN 2017 TO 2027 -GOALS	9	4.3 WYNDHAM PORT FORESHORE	30
1.4 OVERARCHING DESIGN PRINCIPLES	10	4.4 RSL PARK	31
1.5 URBAN DESIGN FRAMEWORK	11	5.0 IMPLEMENTATION	32
2.0 KUNUNURRA	12	5.1 IMPLEMENTATION MATRIX	33
2.1 KUNUNURRA BROAD LANDSUSE AND STRATEGY	13	5.2 STAGING	34
2.2 KEY PROJECTS	14	5.3 NEXT STEPS	35
2.3 TOWN CENTRE & ENTRY	15	6.0 MATERIALS AND FURNITURE	36
2.4 SWIM BEACH	17	6.1 MATERIALS	37
2.5 CELEBRITY TREE PARK	19	6.2 FURNITURE AND FIXINGS	38
3.0 KEY MOVES : KUNUNURRA TOWN CENTRE	19		
3.1 STRONG TOWN CENTRE SPINE	20		
3.2 SLEEVE THE SPINE	21		
3.3 CONNECTIVITY	22		
3.4 ACTIVE FRONTAGES	23		
3.5 'GREEN SLEEVES'	24		

EXECUTIVE SUMMARY

The following document is to be utilised by the Shire of Wyndham East Kimberley as a strategic guide to aid in the implementation of urban design projects within the Shire.

It contains the following:

- Review of the Strategic Community Plan 2017-2027
- Overarching Design Principles
 - Culture and Identity
 - Shade
 - Connections
 - A place for locals and visitors
- Identified Sites and Key Projects
 - Swim Beach
 - Celebrity Tree Park
 - Kununurra town site including entry, Messmate Way and Town Centre
 - Wyndham town site
 - Wyndham Port Foreshore
- Spatial Arrangements for Key Projects
- Opinion for Probable Cost
- Staging Plan

This document is a starting point for community engagement, project scoping and further conceptual development.

1.0 INTRODUCTION

1.1 THE SITE

The Shire of Wyndham East Kimberley (the Shire) covers an area of 121,000 square kilometres of the Kimberley region. Kununurra and Wyndham are the major towns within the Shire and this visioning document focuses on projects within or in close proximity to the town sites.

Tourism is a major industry within the Shire, with people travelling within WA, interstate and from overseas to experience the landscape and culture of the region. There is opportunity for Wyndham and Kununurra to become attractions in their own right, although this should be undertaken with close consultation with the local communities, following the principle that tourists want to be where locals are.

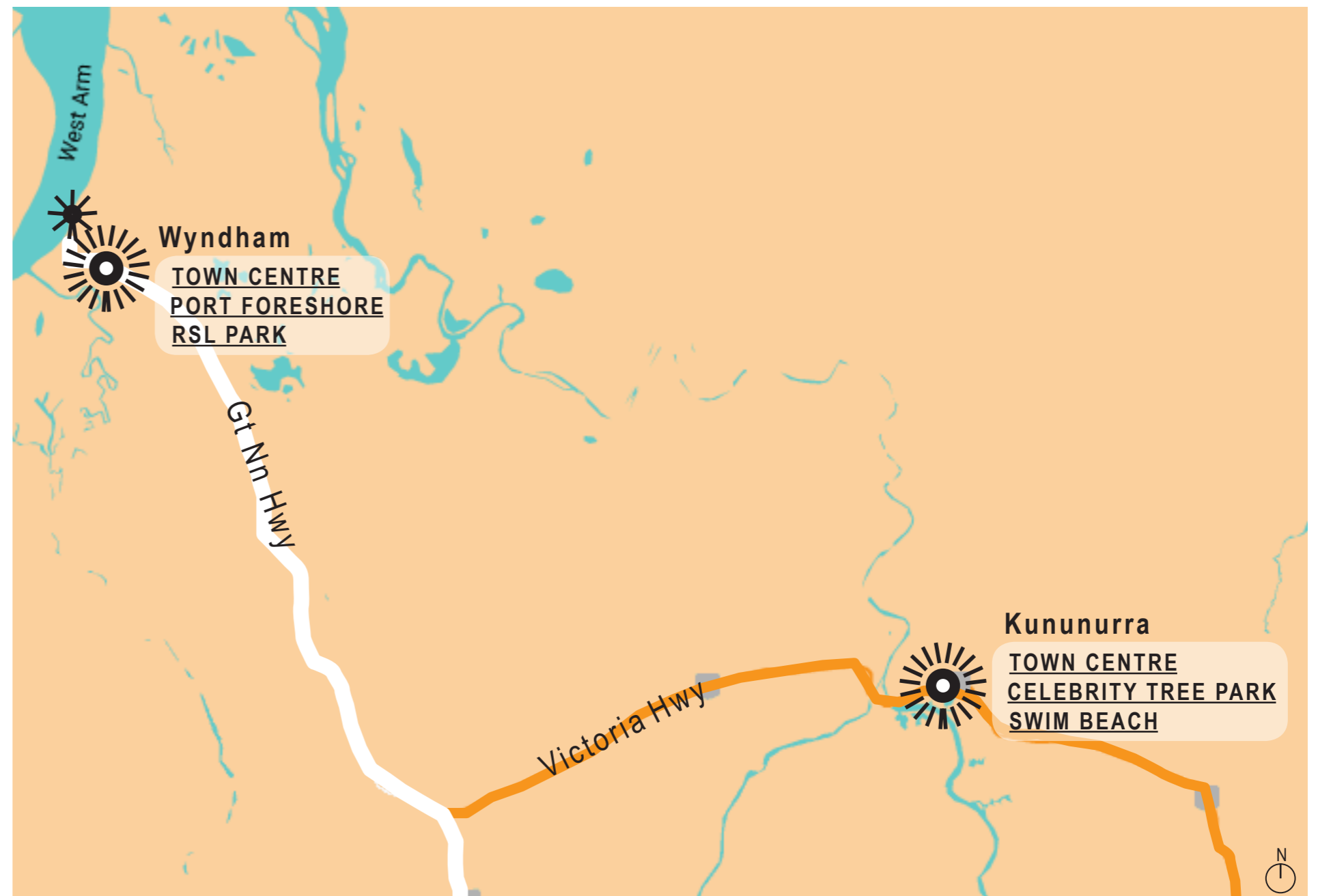


Figure 1. Site Plan

1.2 STRATEGIC COMMUNITY PLAN 2017 TO 2027 - VALUES



1.3 STRATEGIC COMMUNITY PLAN 2017 TO 2027 -GOALS



Improving liveability through social and recreational opportunities, a range of inclusive community services and activities, and valuing our diversity



Improve the liveability of our towns and their connection to our surrounding environment.



Open for business with a growing and successful economy and jobs for all



Deliver services to the community efficiently, provide leadership and governance that is future thinking, transparent and accountable

1.4 OVERARCHING DESIGN PRINCIPLES



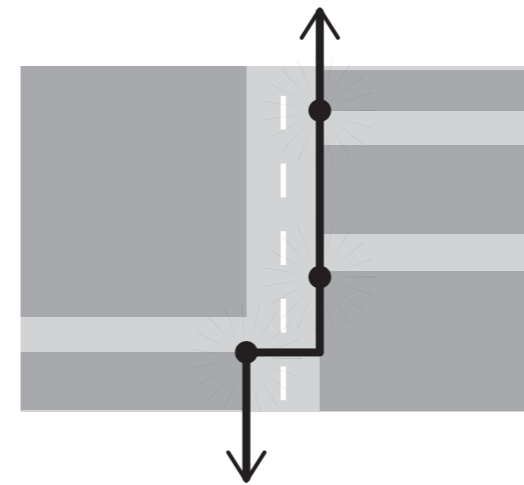
Culture & Identity

- Use of iconic landscape features of each town as a wayfinding technique
- Culture integrated into the town centre through public art, interpretive elements and materials



Shade

- Create a feeling of comfort and enclosure through tree planting
- Provide town centre amenity through:
 - tree canopy planting
 - verandah / alfresco shelters



Connections

- Accessible for all
- Clear sightlines and separation between pedestrian and vehicles
- Safe during all hours of the day & night



A Place for Locals & Visitors

- Defined town centre areas where you can do your shopping, meet friends, eat and drink. Locals attract visitors

1.5 URBAN DESIGN FRAMEWORK

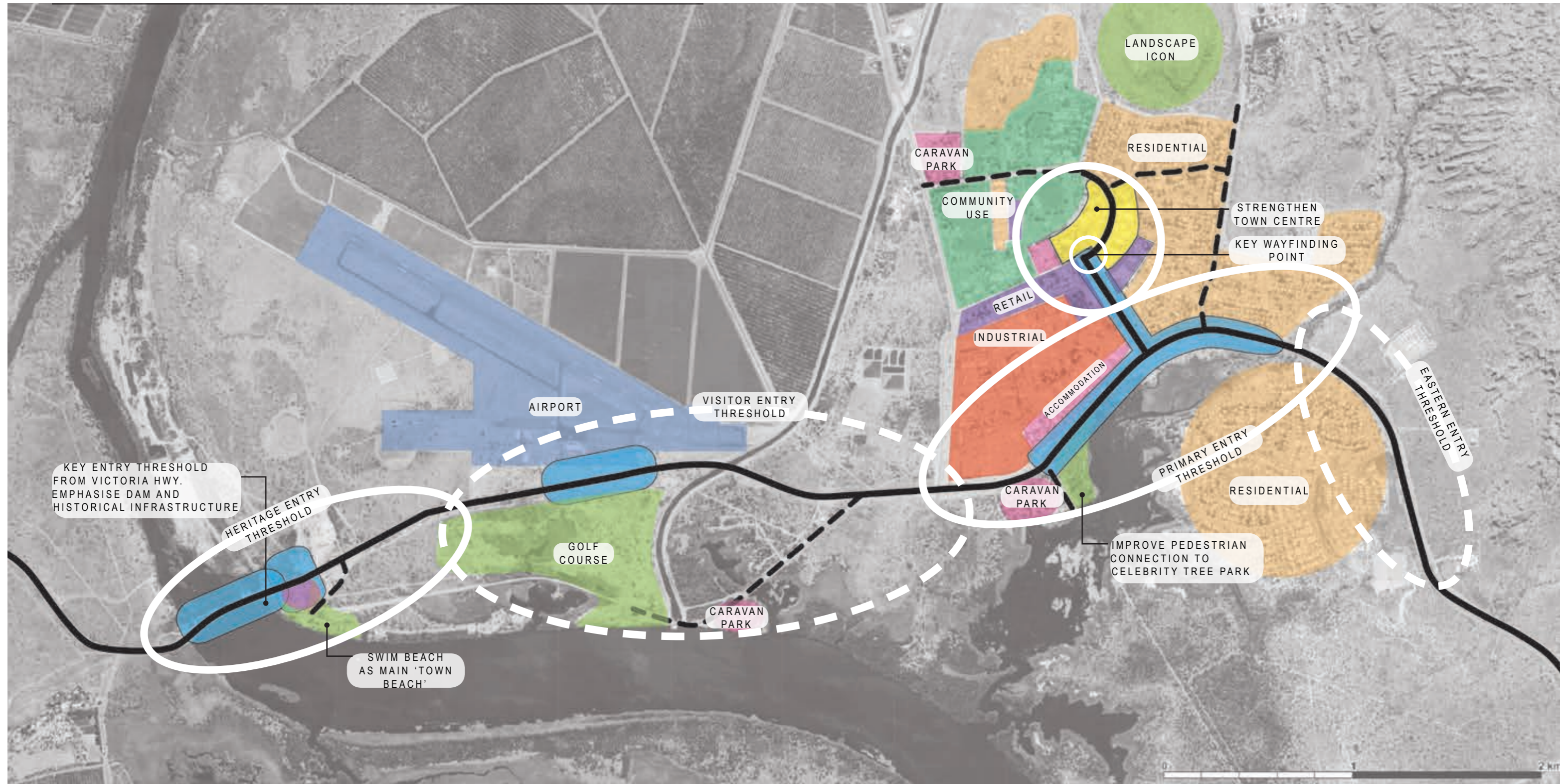
The framework is one that looks to enhance the function and visual appeal of identified key destinations. It considers the journey as well. This then generates a range of discrete projects for each key location, having regard to:

1. The values and goals as articulated in the Strategic Community Plan
2. Overarching design principles
3. An agreed (design) theme
4. Influences and considerations, including;
 - Showcasing culture and identity
 - Enhancing comfort through appropriate shade (trees and shelters) and seating
 - Improving connections, with an emphasis on catering for all abilities and people with disability
 - Considering safety such as appropriate pedestrian lighting
 - Catering for locals and visitors

2.0 KUNUNURRA



2.1 KUNUNURRA BROAD LANDUSE AND STRATEGY



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2.2 KEY PROJECTS

Key projects in the Kununurra town site and surrounds include:

- Town Centre
- Swim Beach
- Celebrity Tree Park
- Messmate Way and Town Entry

- Key Projects
- Existing Trail
- Proposed Trail

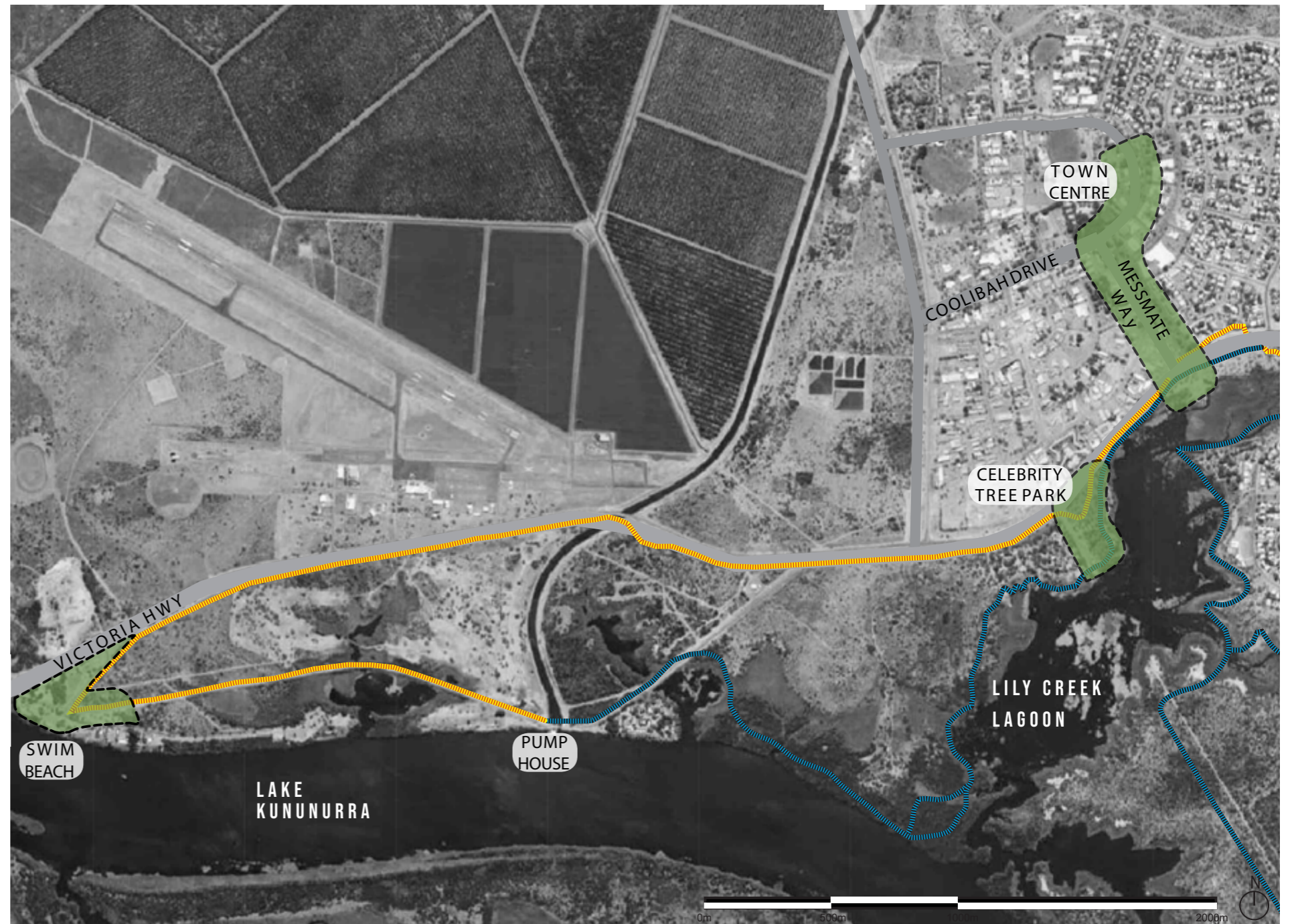


Figure 2. Context Plan - scale 1:20,000 @ A3

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2.3 TOWN CENTRE & ENTRY

Opportunities

- Enhance entry experience from Victoria Highway, make clear that Messmate Way is the main entrance into town. This may be achieved through tree planting along Victoria Highway, becoming denser as it reaches the Messmate Way intersection.
- Include more planting in Messmate Way complementing the new share path project. Generally, the pedestrian connections and soft landscaping are of reasonable to good condition in this area, but there is opportunity for an improved 'green link' with extensive tree planting to connect to the Lily Creek Lagoon wetland.
- Improve wayfinding at the Coolibah Drive/Messmate Way intersection. Encourage tourist traffic towards the visitor centre.
- Create a strong Town Centre feeling along Coolibah Drive between Messmate Way and White Gum Park, through tree planting, rationalising of parking, improved amenity and potentially new built form.

Opportunity for street tree planting along Weaber Plain Road utilising existing irrigation.

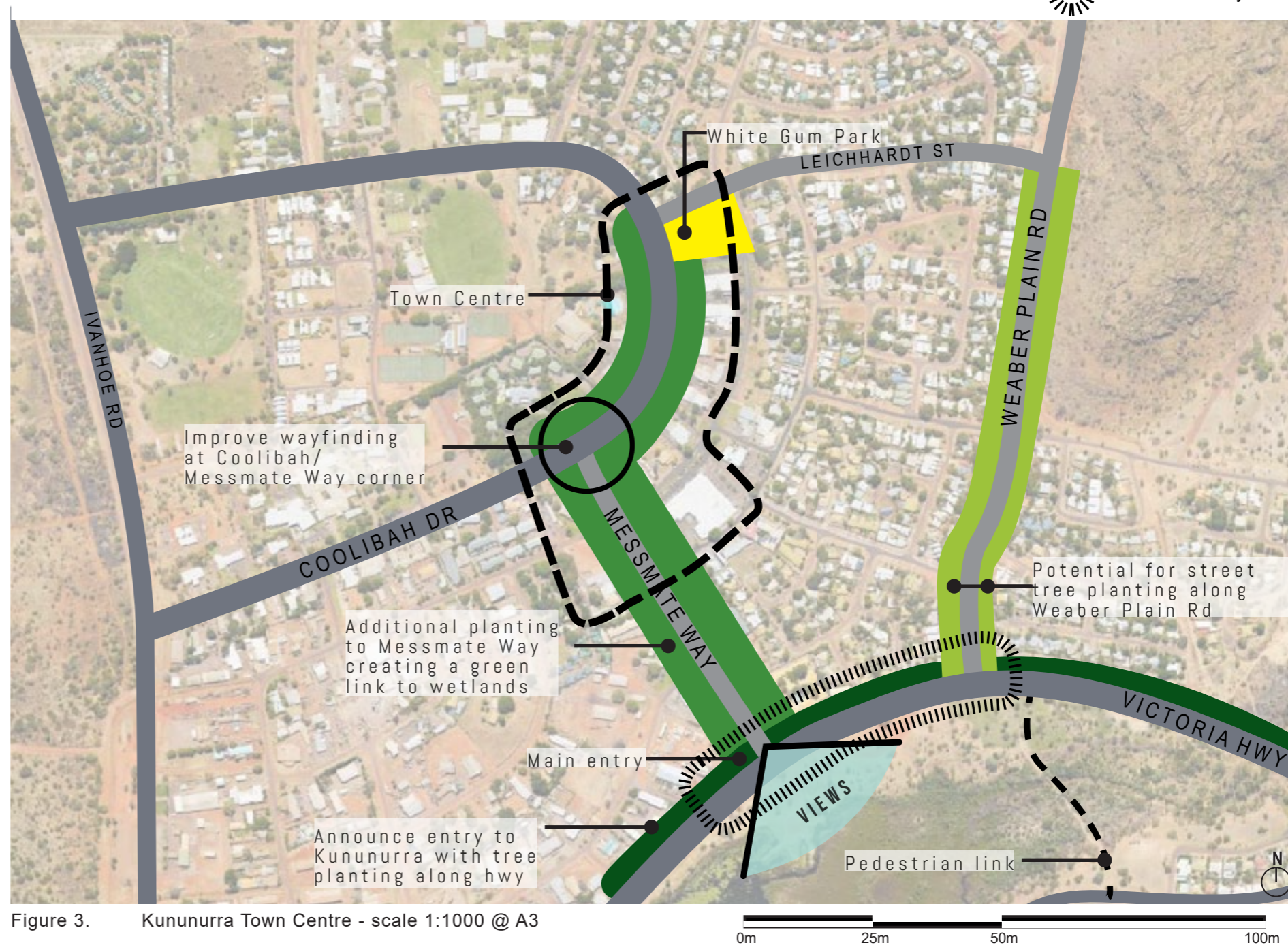


Figure 3. Kununurra Town Centre - scale 1:1000 @ A3

Parking

There is opportunity for the Coolibah Drive town centre area is to rationalise parking in order to provide better conditions for pedestrians, which will in turn create a more active town centre. Parking provision would be able to remain as there does not seem to be an over or provision currently. Opportunities include:

- Use on street parking as a traffic slowing mechanism.
- Provide more comfortable environments for pedestrians so they are willing to walk from their vehicle to destination.
- Increase provision of long vehicle bays.
- Clear wayfinding for visitors driving along Messmate Way to the Tourist Centre.

- Main street
- Back street
- Internal blocks

- 2 min walk = 270 bays
- 5 min walk = 662 bays

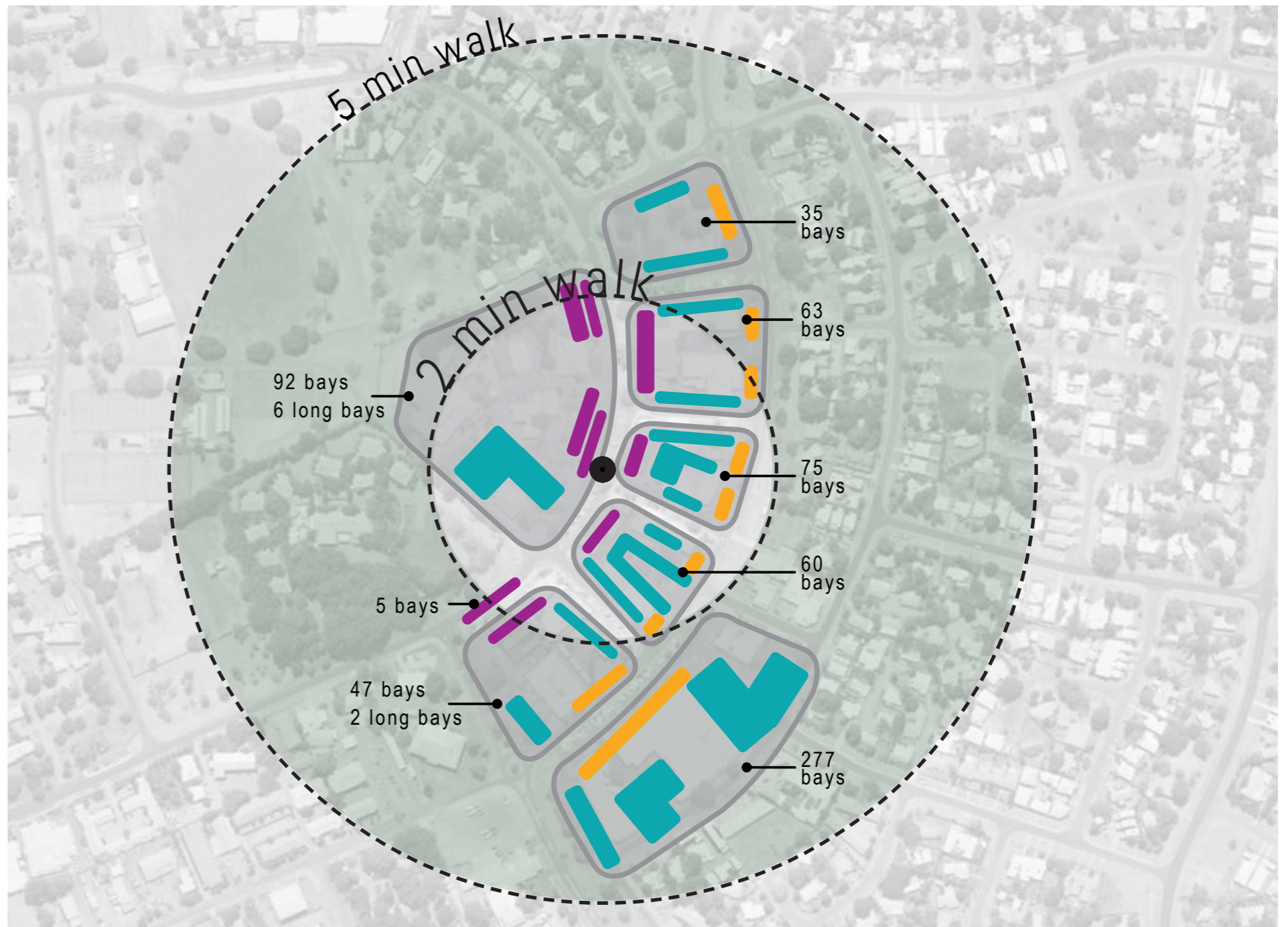


Figure 4. Parking in Town Centre - plan not to scale

2.4 SWIM BEACH

All ready a well utilised public space, the opportunities for improvements to Swim Beach include:

- Improve all abilities access
- Improve amenity including new toilets
- Improve pedestrian safety by reviewing the locations of carparking, boat ramp and vehicle access
- Improve shade through tree planting and shade structures at amenity nodes
- An improved dog exercise area



Image 3. Amenity Node with Tree Grove - Dunsborough, WA.



Image 4. Nature Playground Kings Park WA.

- Wayfinding for vehicles and pedestrians
- Amenity nodes with seating, shade, bbqs
- Groves of trees planted throughout park land
- Established Pandanus
- Boab Tree
- Erosion control
- Bollards



Figure 5. Swim Beach Opportunities - scale 1:1500 @ A3

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2.5 CELEBRITY TREE PARK

Opportunities for improvements to Celebrity Tree Park include:

- Improvement to shade and amenity, being developed as part of the trails along accessible paths.
- Improve wayfinding and connections to Kununurra town site for pedestrians.
- Formalise carpark.
- Upgrade and expand existing playground.



Image 5. Amenity Node - Pilbara, WA.



Image 6. Wayfinding - Denham, WA.

- Wayfinding for vehicles and pedestrians
- Amenity nodes with seating, shade, bbqs
- Groves of trees planted throughout park land
- Upgraded playground



Figure 6. Celebrity Tree Park Opportunities - scale 1:2000 @ A3

0m 50m 100m 200m

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3.0 KEY MOVES : KUNUNURRA TOWN CENTRE



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3.1 STRONG TOWN CENTRE SPINE

- Strong main street on Coolibah Drive
- Secondary road Konkerberry Drive



Image 7. Chinatown, Broome WA.



Image 8. Broome Chinatown Steetscape.



Figure 7. Town Spine

3.2 SLEEVE THE SPINE

- Create new spaces and implement landscaping to enclose the street
- Potential for seating, pop up commercial space, parklets, event spaces



Image 9. Transportable stage Source: Weekend Notes



Image 10. Parklet Source: Earthbound Report



Figure 8. Sleeving

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3.3 CONNECTIVITY

- Connect key destinations with a clear consolidated and universally accessible path network
- Encourage walking over driving and create pedestrian friendly environments



Image 11. Lonsdale Street Pedestrian Zone.

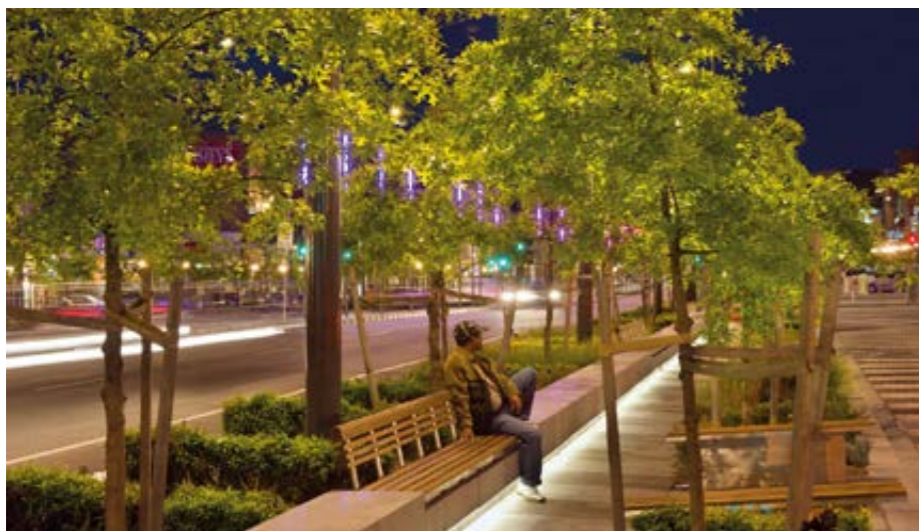



Image 12. Lonsdale Street, Melbourne VIC.

 Activity centre

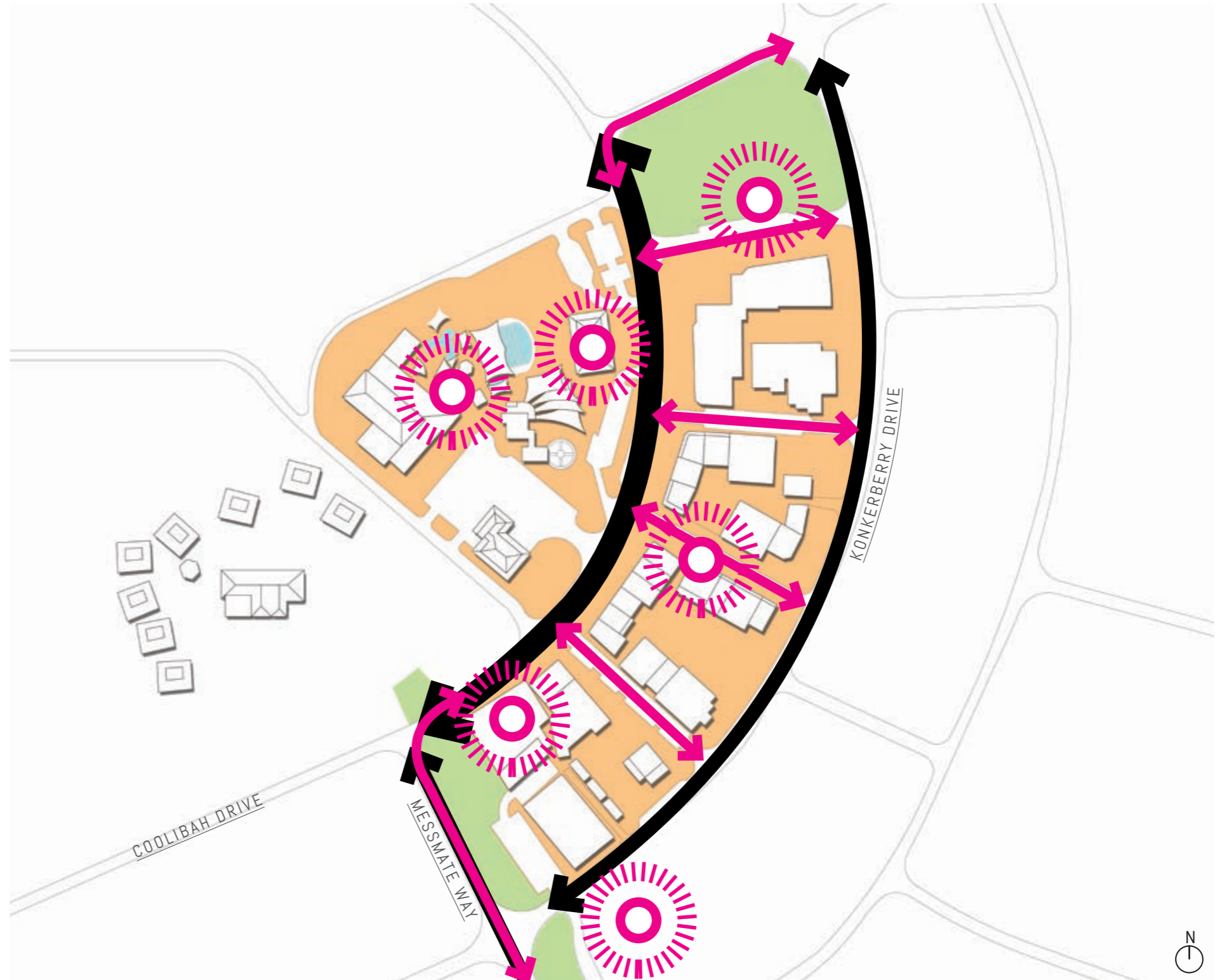


Figure 9. Connectivity

3.4 ACTIVE FRONTAGES

- Encourage businesses to open onto the street and attract more cafes/restaurants to activate Coolibah Drive during the day and night.



Image 13. Noosa Main Street.



Image 14. Noosa, QLD.



Figure 10. Active Frontages

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3.5 'GREEN SLEEVES'

- Increase tree canopy
- Creates comfortable environment for pedestrians
- Feeling of enclosure, sense you have 'arrived' in the town centre
- Implementation of Water Sensitive Urban Design



Image 15. Port Douglas, QLD.



Image 16. Subiaco WSUD drainage areas



Figure 11. Green Sleeves



4.0 WYNDHAM



4.1 KEY PROJECTS

Wyndham key projects include:

- Town Centre including Croc and Bonaparte (proposed) parks
- Wyndham Port Foreshore

Opportunities at both sites to:

- Improve walkability through increased shade and connections;
- Improve amenity for visitors;
- Encourage integration of culture and public art into public realm; and,
- Provide heritage and story telling opportunities e.g. “Windows on Wyndham” idea

- Key Projects
- ▨ Existing Trail
- Town boundary

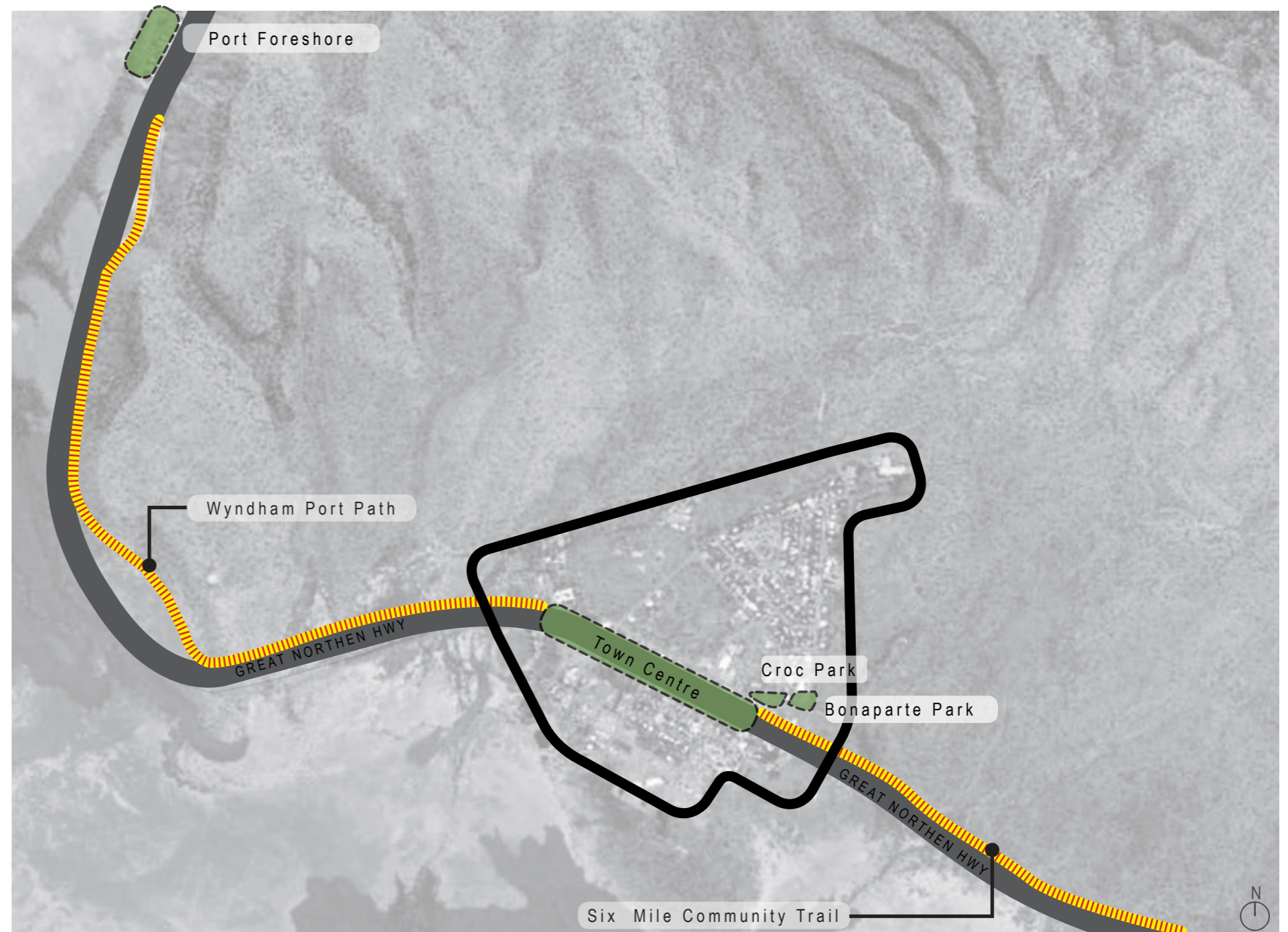


Figure 12. Context Plan

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4.2 WYNDHAM TOWN CENTRE

Entries & Big Croc Park

- Improve sense of arrival, potentially through a threshold entry statement or public art piece.
- Upgrade Big Croc Park with amenity and play elements that also double as amenity such as seating.
- Encourage more commercial tenancies to Koolinda St, so this area is more obviously the place to stop for visitors and a more consolidate town centre.

Bonaparte Park

Establish new entry parkas the first place visitors stop and encourage people to walk around. Park to include

- Long vehicle parking
- Picnic areas (table, seating, bbq's)
- Information area
- Toilet
- Landscaping/trees for shade
- Potential for art centre space – longer term



Figure 13. Wyndham Town Centre - scale 1:2000 @ A3

Entry Threshold
Opportunity for public art

Connect Activity

- Improve pedestrian connectivity between commercial and other town services such as the Rec Centre.
- Provide footpaths to both sides of road along key streets.
- Add to existing tree avenue along Great Northern Highway to create shaded microclimates for pedestrians and a distinct feel along the main street

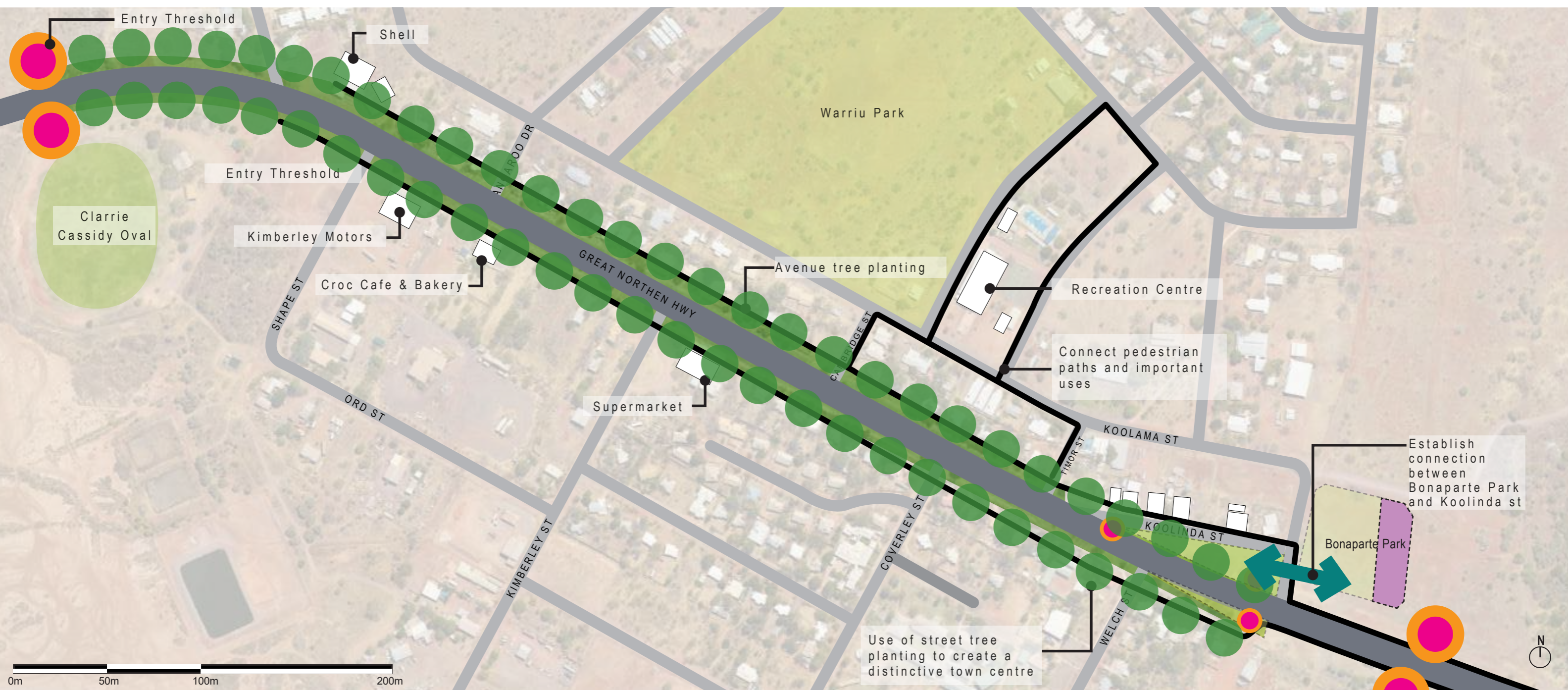


Figure 14. Wyndham Town Centre Opportunities - scale 1:2000 @ A3

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4.3 WYNDHAM PORT FORESHORE

Wyndham Port foreshore opportunities include:

- Creation of a loop walk around the foreshore and main street with accessible path, tree planting and opportunities for story telling along the way.
- An amenity node in close proximity to the jetty.
- Upgrades to park with a new playground and statement sculpture.
- Development of new pedestrian connection through RSL Park and adjacent lot with new toilet block.

- Destinations
- Entry threshold
- Boab tree
- Connections
- Pedestrian loop
- Ⓜ New toilet block

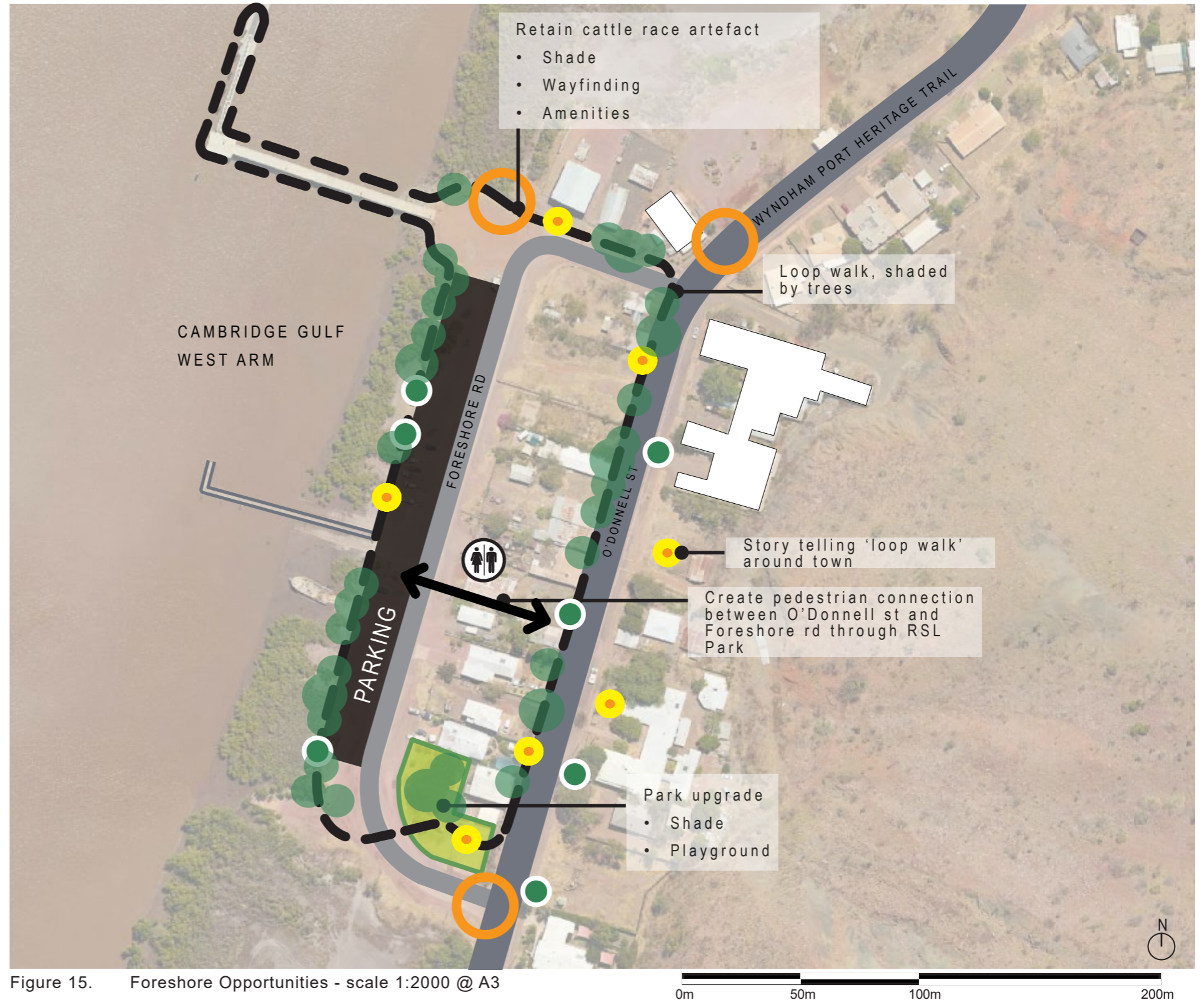


Figure 15. Foreshore Opportunities - scale 1:2000 @ A3

4.4 RSL PARK

RSL Park and the adjacent lot has already been nominated by the Shire and as an area to upgrade amenity, provide a respite stop for visitors and create a new pedestrian connection between the foreshore and O'Donnell St. The proposed concept by the Shire provides opportunity for cultural elements to be integrated in to the custom seating and shade shelter, and possibly new toilets and a parking area which could also be used for food trucks or pop up commercial offerings. Pop up uses could also extend into the park such as markets etc.

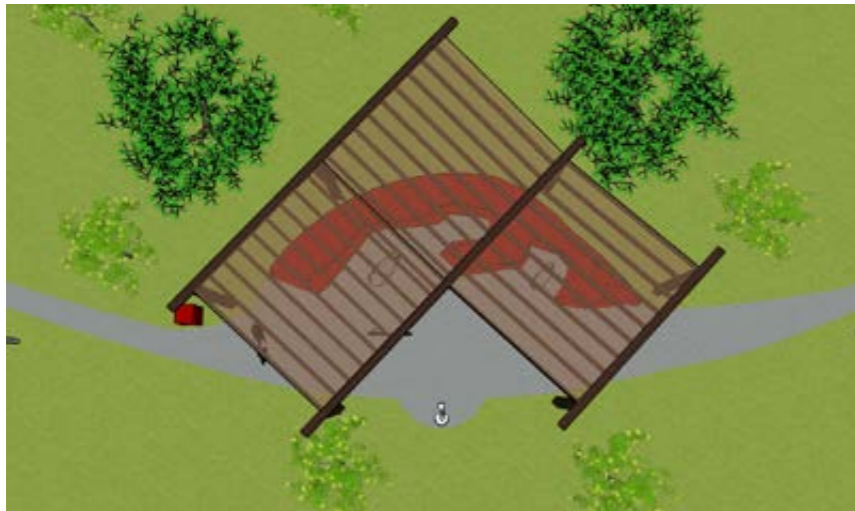


Figure 16. Shade Shelter Plan, Source: Shire



Figure 17. Shade Shelter Perspective, Source: Shire



Figure 18. RSL Park, Source: Shire

5.0 IMPLEMENTATION



5.1 IMPLEMENTATION MATRIX

	Project Area	Time Frame	Order of Magnitude Cost
1.	Leisure Centre Masterplan and Water Playground	Short	High
2.	Coolibah Drive	Medium	High
3.	Corner of Coolibah Dr & Messmate Way	Short	Low
4.	Konkerberry Drive	Long	Medium
5.	Messmate Way	Short	Low
6.	Victoria Highway	Short	Low
7.	Weaber Plain Rd	Short	Low
8.	Celebrity Tree Park	Short	Low
9.	Swim Beach	Short	Low
10.	Wyndham Port Foreshore	Short	Medium
11.	RSL Park	Short	Low
12.	Wyndham Main Street	Medium	Low
13.	Croc Park	Medium	Low
14.	Bonaparte Park	Medium	Medium (not including art centre)
15.	Wyndham Oval	Medium	Medium
16.	Wyndham Recreation Hub	Medium	Medium
17.	Supermarket Carpark	Short	Low

Timeframe

Short: 0-2 years

Medium: 3-5 years

Long Term: 5-10 years

Order of Magnitude Cost

High: >\$1M

Medium: \$501,000 to 1M

Low: <\$500,000

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5.2 STAGING

Kununurra

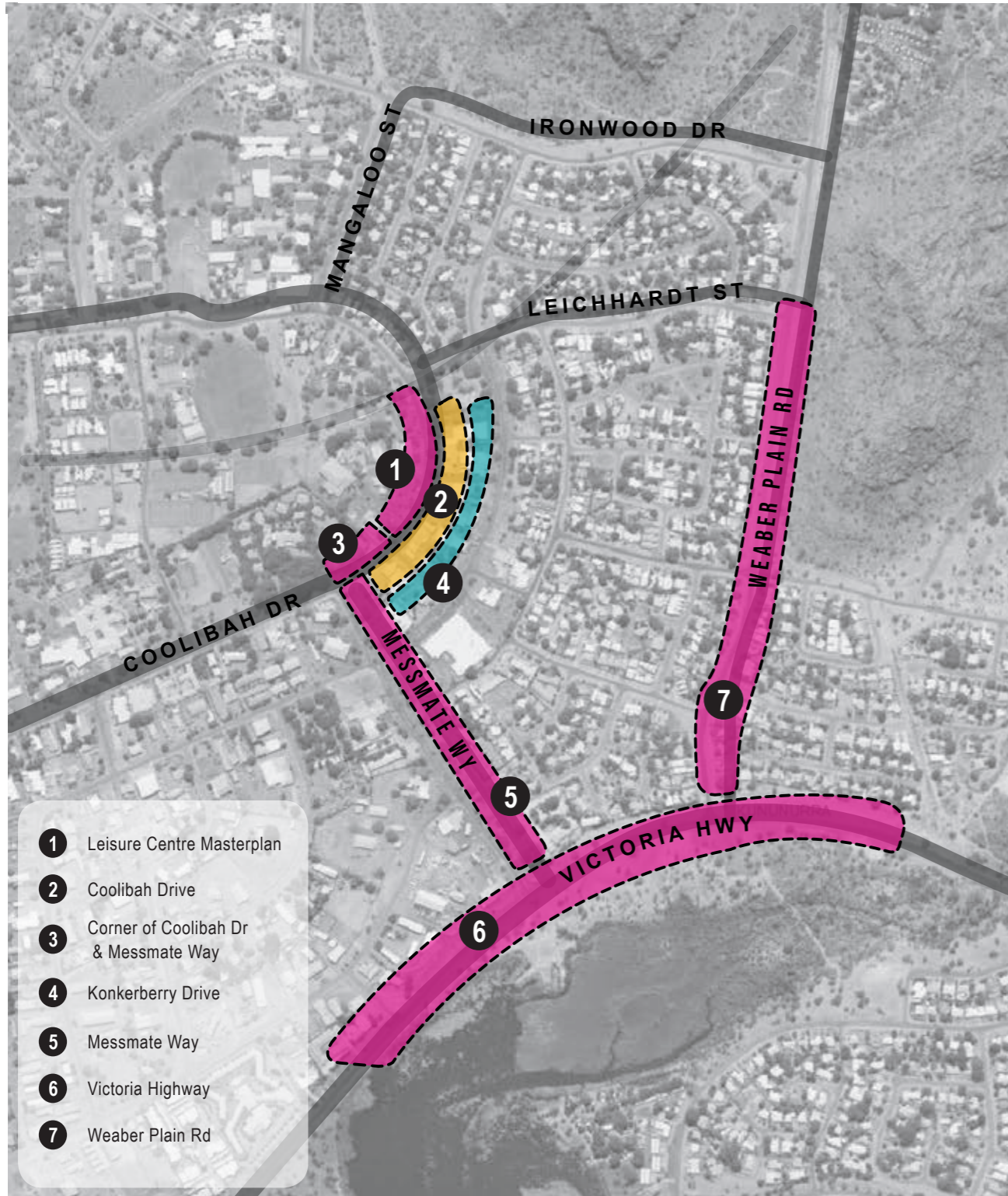


Figure 19. Kununurra Town Centre
34 | SHIRE OF WYNDHAM EAST KIMBERLEY | URBAN DESIGN VISIONING

- Short: 0-2 years
- Medium: 3-5 years
- Long Term: 5-10 years



Figure 20. Celebrity Tree Park



Figure 21. Swim Beach

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Wyndham

- Short: 0-2 years
- Medium: 3-5 years
- Long Term: 5-10 years

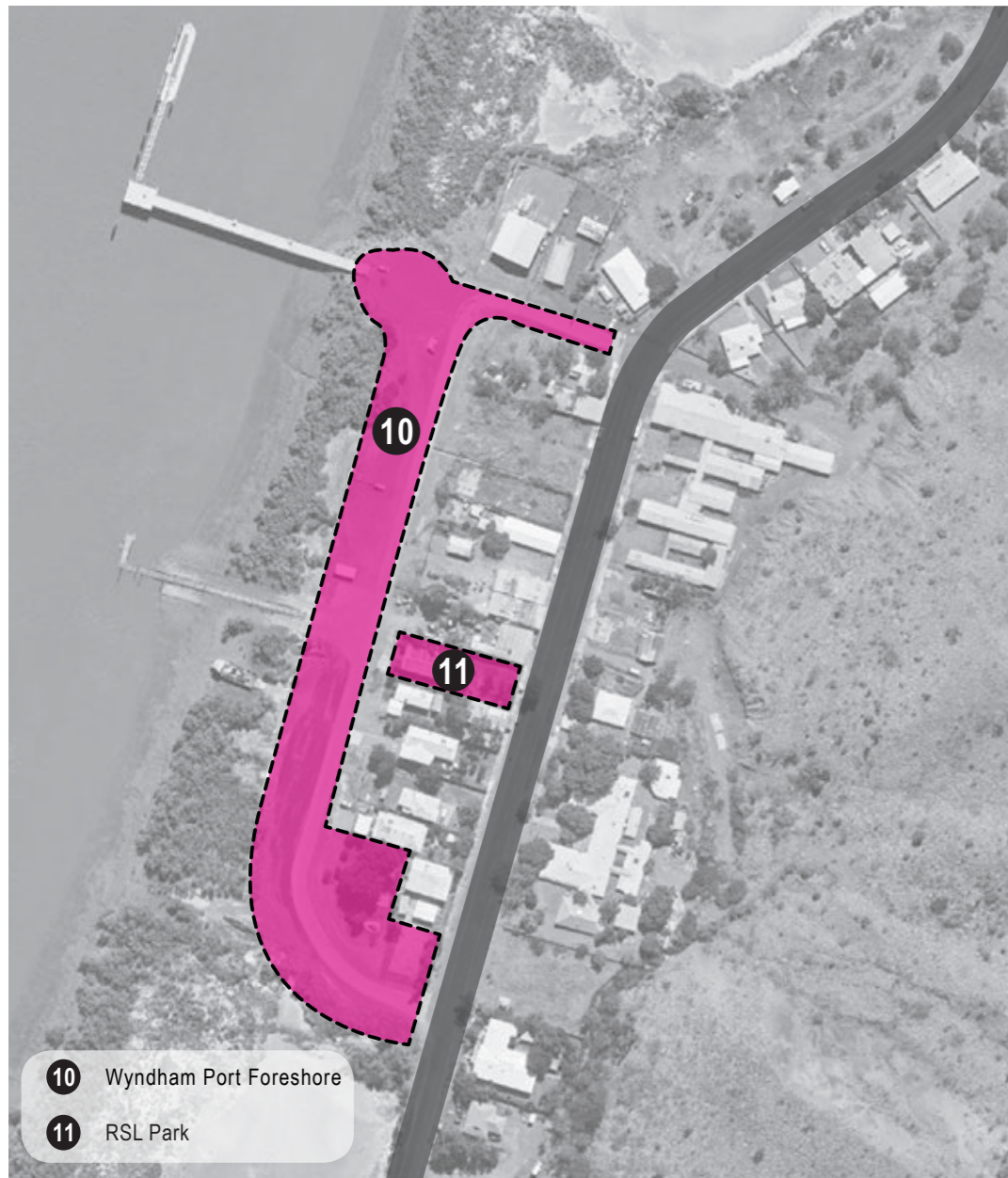


Figure 22. Wyndham Foreshore

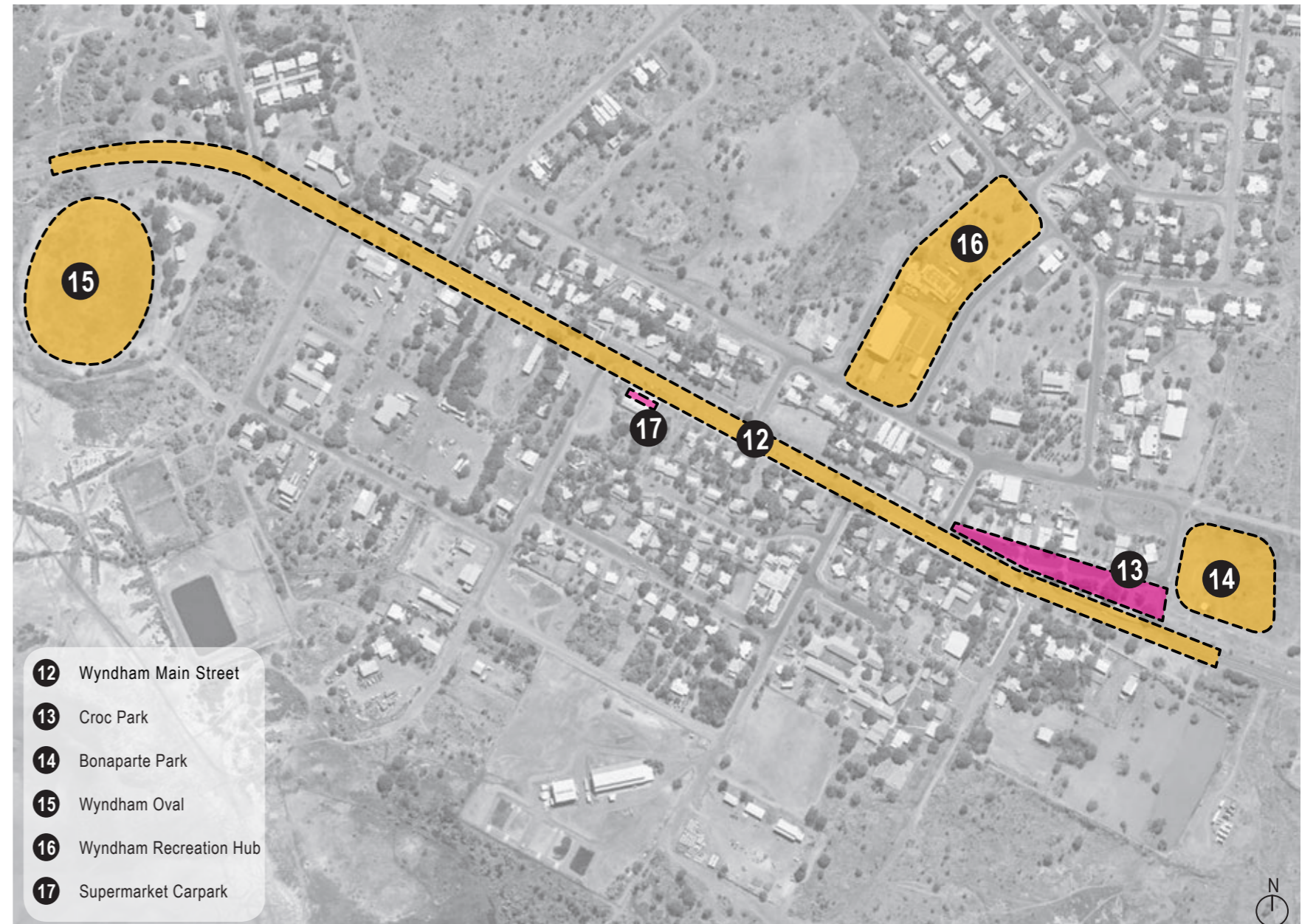


Figure 23. Wyndham Town Centre

6.0 MATERIALS AND FURNITURE



6.1 SURFACE FINISHES

Paving and treatment of pedestrian paths must ensure a safe and comfortable walking experience for pedestrians. Paving materials shall also function as an important visual tool for defining spaces and nodes within the town.

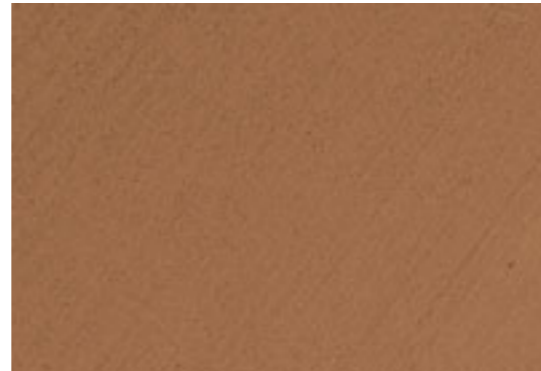
Footpaths shall be connected, leading people from place to place. They shall be all accessible (disability compliant). Pavements have been selected to meet all relevant Australian Standards.

Kununurra:

- Minimum width of 2m
- No patterned/stencilled concrete (i.e. imprinted brick)
- Exposed aggregate or similar material, or basic coloured concrete

Wyndham:

- Minimum width of 2m
- Basic coloured concrete or plain concrete
- Feature decorative tile or artwork insets, as way findings tools or for interest, however these are to be in select locations and distributed evening throughout the streetscape
- No patterned/stencilled concrete (i.e. imprinted brick)



Coloured concrete

Supplier: Local

Location: Secondary footpaths. Kununurra. 2m min width.

Primary footpaths Wyndham



Grey broom finish concrete

Supplier: Local

Location: Secondary footpaths. Wyndham. 2m min width.

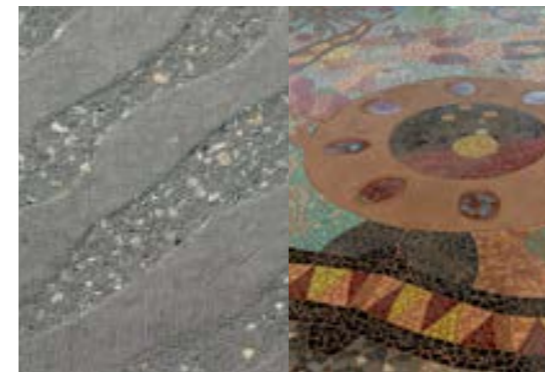


Exposed aggregate concrete

Opportunity for different aggregate mixes depending on location

Supplier: Local

Location: Primary footpaths, Kununurra. 2m min width



Feature concrete

Stencilled, sandblasted, tiling

Supplier: Local

Location: Key points in Kununurra town centre. I.e. entry to visitor centre. And select locations in Wyndham as wayfinding.

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6.2 FURNITURE AND FIXINGS

Street furniture should play a functional and yet practical role within the town centre. The furniture palate shall deliver a range of furniture that compliments the identity of the area and improves the visual quality of the streetscape. All furniture shall meet with all relevant Australian Standards. Where possible concealed fitting below pavement surfaces should be implemented to ensure a high quality of finish.

The number of street furniture items will be related to the requirements of the particular spaces and provide accessibility to all members of the community. Groupings of street furniture may be required in specific locations in order to create a sense of space or identity.



Bin Surround

Opportunity for custom laser cutting specific to location (ie Kununurra or Wyndham themeing.)

Supplier: Exteria

Location: all



Drink Fountain

Optional dog bubbler

Supplier: Street furniture Australia

Location: all



Picnic setting

Powder coated steel frame with timber battens

Though should be given to allowing for wheel chair use.

Supplier: TBC

Location: all



Seat

Precast concrete

Opportunity for a suite of lengths and arrangement to suit specific locations.

Customisable with timber battens for back rests and steel and timber armrests.

Supplier: TBC

Location: all



Local stone

Placement can allow for informal seating and can act as a low wall or barrier

Supplier: Local

Location: Parks and garden beds

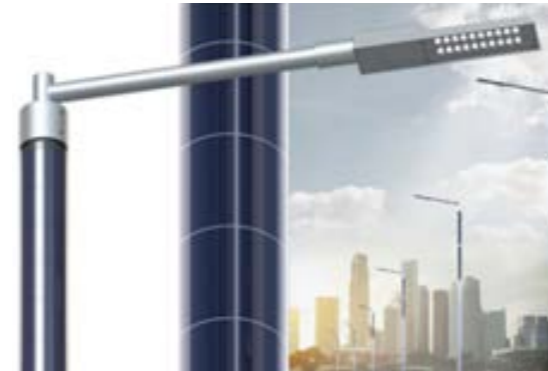


Bollard lights

- Capable of being connected to solar
- Vandal proof
- Grey / stainless steel

Supplier: TBC

Location: Pedestrian spaces



Pedestrian lighting

- Capable of being connected to solar
- Vandal proof
- Grey / stainless steel

Supplier: TBC

Location: Streets and Parks

Note: Under verandah lighting or lighting attached to individual buildings should be considered in commercial streetscape areas.



Wayfinding Signage

- Robust, local materials with vertical element
- Potential for use of the ground plane with inlaying of materials and text

Supplier: TBC

Location: all



Screening

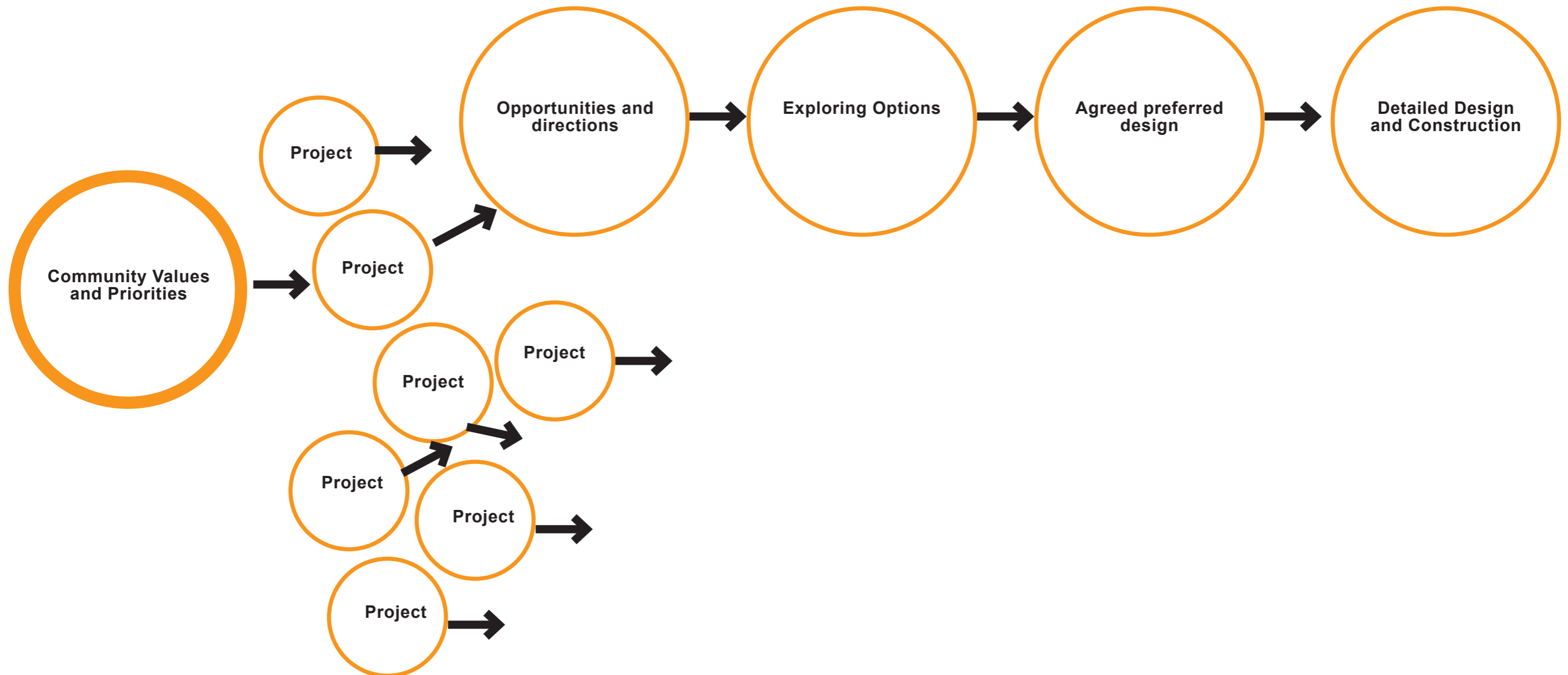
- Laser cut steel, may have a variety of finishes (cor-ten, powder coat, brushed) depending on location.

Supplier: TBC

Location: all

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5.3 NEXT STEPS

We recommend continuing engagement with the local community in regards to the development of these projects. This may include a preliminary 'Values and Priorities' workshop with a reference group to respond to the projects and proposals in this document, which may then lead to identifying a series of other projects and priorities. All of these can undergo a similar co-design process whereby the community is meaningfully involved, ensuring the best outcomes for the Shire and users.



udla

NEW IDEAS THROUGH

SHARED DESIGN-THINKING