



POINT SAMSON FORESHORE MANAGEMENT PLAN REVIEW

UDLA

TABLE 1 EDITION DETAILS

PROJECT NAME	
Title	Point Samson Foreshore Management Plan Review
Production Date	23rd June 2022
Prepared By	UDLA
Author	Hamish Firth/Katherine Hailstone
Status	FINAL
UDLA Project Code	KARPS

TABLE 2 DOCUMENT REGISTER


DOCUMENT REGISTER			
Version	Date	Amendments	Prepared By
A	06/07/22	DRAFT	HF/KH
B	28/09/22	FINAL	HF/KH

Prepared for:


City of Karratha

Brian Randall

Acting Manager Infrastructure Services



Prepared by: UDLA



Contact: Scott Lang
Position: UDLA Director
Phone: (08) 9336 7577
Email: scott@udla.com.au

LEVEL 1A, 3-5 JOSEPHSON STREET
FREMANTLE, 6160 WA
HELLO@UDLA.COM.AU | (08) 9336 7577



We acknowledge the Ngarluma people as the Traditional Owners of the land on which the Samson foreshore sites stand today. We pay respect to the Ngarluma people, and Elders both past and present whose knowledge and wisdom has and will ensure the continuation of cultural and traditional practices.

1.1 EXECUTIVE SUMMARY

DRAFT

UDLA were engaged by the city of Karratha to review the Point Samson Foreshore Management Plan (PSFMP) (Essential Environmental 2014) & the Point Samson Foreshore Works Plan (PSFWP)(Cardno 2015). The purpose of the review process was to provide the City of Karratha and the Community of Point Samson with a clear succinct report identifying what has been completed from each document and prioritize the remaining items for consideration & continued development of the Point Samson Foreshore.

UDLA conducted formal research and facilitated a workshop with the PSCA (Point Sampson Community Association). This session was invaluable in understanding the process that the Community and the City have been on since the establishment of the PSFMP & the PSFWP. The engagement process gave insight into the priorities of the community, and these have been included throughout this document.

The review process led us to providing three categories of previously proposed development opportunities.

1. Essential
2. Opportunity
3. Low priority

The three categories provide actions and recommendations on each and will help the City of Karratha & the Point Samson Community navigate the future protection and development of the Point Samson Foreshore.



FIGURE 1. TOWN BEACH SOURCE: UDLA JUNE 2022

1.1	EXECUTIVE SUMMARY	4	4.0	SUMMARY OF RECOMMENDATIONS & PRIORITIES	22
2.0	DESKTOP REVIEW	6	4.1	OVERALL FORESHORE RECOMMENDATION SUMMARY	23
2.1	DOCUMENT REVIEW	7	4.1	OVERALL FORESHORE RECOMMENDATION SUMMARY CONT.	24
3.0	REVIEW OF THE FORESHORE MANAGEMENT PLAN, 2014 TO NO	8	4.2	NODE RECOMMENDATION SUMMARY	25
3.1	PLAN OVERVIEW	9	4.3	TIMELINE OF WORKS	26
3.2	2014 FMP - NODE 1 MANGROVE LOOKOUT PLAN	10	5.0	RECOMMENDATIONS	27
3.3	2014 FMP - NODE 1 MANGROVE LOOKOUT IMAGES	11	5.1	RECOMMENDATION MATRIX	28
3.4	2014 FMP - NODE 2 SAM'S BEACH PLAN	12	5.2	ESSENTIAL RECOMMENDATIONS	29
3.5	2014 FMP - NODE 2 SAM'S BEACH IMAGES	13	5.3	RECOMMENDED OPPORTUNITIES	30
3.6	2014 FMP - NODE 3 TOWN BEACH PLAN	14	5.4	LOW PRIORITIES	31
3.7	2014 FMP - NODE 3 TOWNS BEACH IMAGES	15			
3.8	2014 FMP - NODE 4 THE POINT PLAN	16			
3.9	2014 FMP - NODE 4 THE POINT IMAGES	17			
3.10	2014 FMP - NODE 5 HONEYMOON COVE PLAN	18			
3.11	2014 FMP - NODE 5 HONEYMOON COVE IMAGES	19			
3.12	2014 FMP - NODE 6 JOHN'S CREEK BOAT HARBOUR PLAN	20			
3.13	2014 FMP - NODE 6 JOHN'S CREEK BOAT HARBOUR IMAGES	21			

2.0 DESKTOP REVIEW

DRAFT



2.1 DOCUMENT REVIEW

DRAFT

UDLA reviewed the following documents:

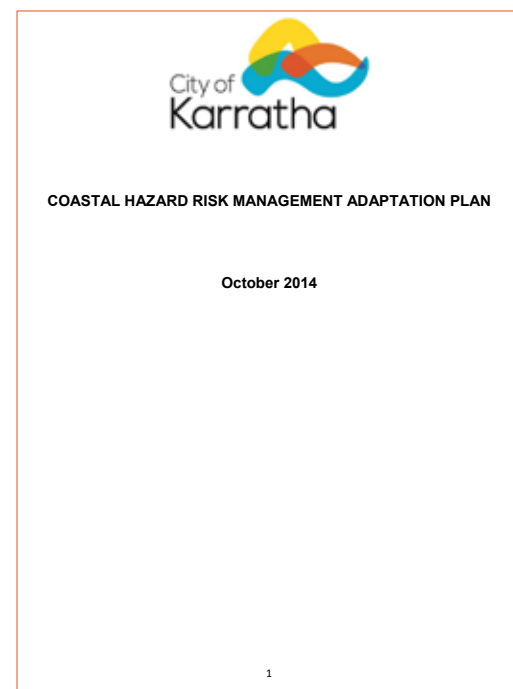
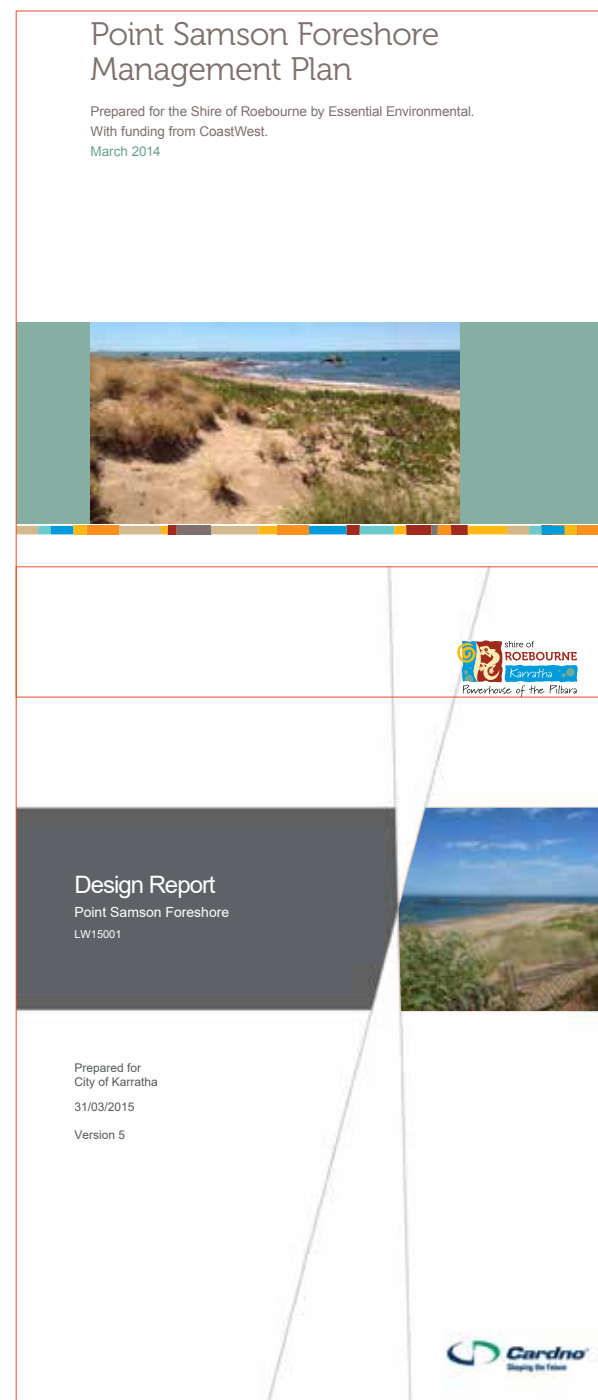


FIGURE 2. FMP STUDY AREA 2014, (PAGE 5 FMP)

SOURCE: ESSENTIAL ENVIRONMENT

3.0 REVIEW OF THE FORESHORE MANAGEMENT PLAN , 2014 TO NOW

DRAFT

3.1 PLAN OVERVIEW

DRAFT

2014



FIGURE 3. 2014 FORESHORE MANAGEMENT PLAN, PAGE 26 SOURCE: ESSENTIAL ENVIRONMENT

2021



FIGURE 4. POINT SAMSON FORESHORE EXTENTS SOURCE: MNG 2021

3.2 2014 FMP - NODE 1 MANGROVE LOOKOUT PLAN

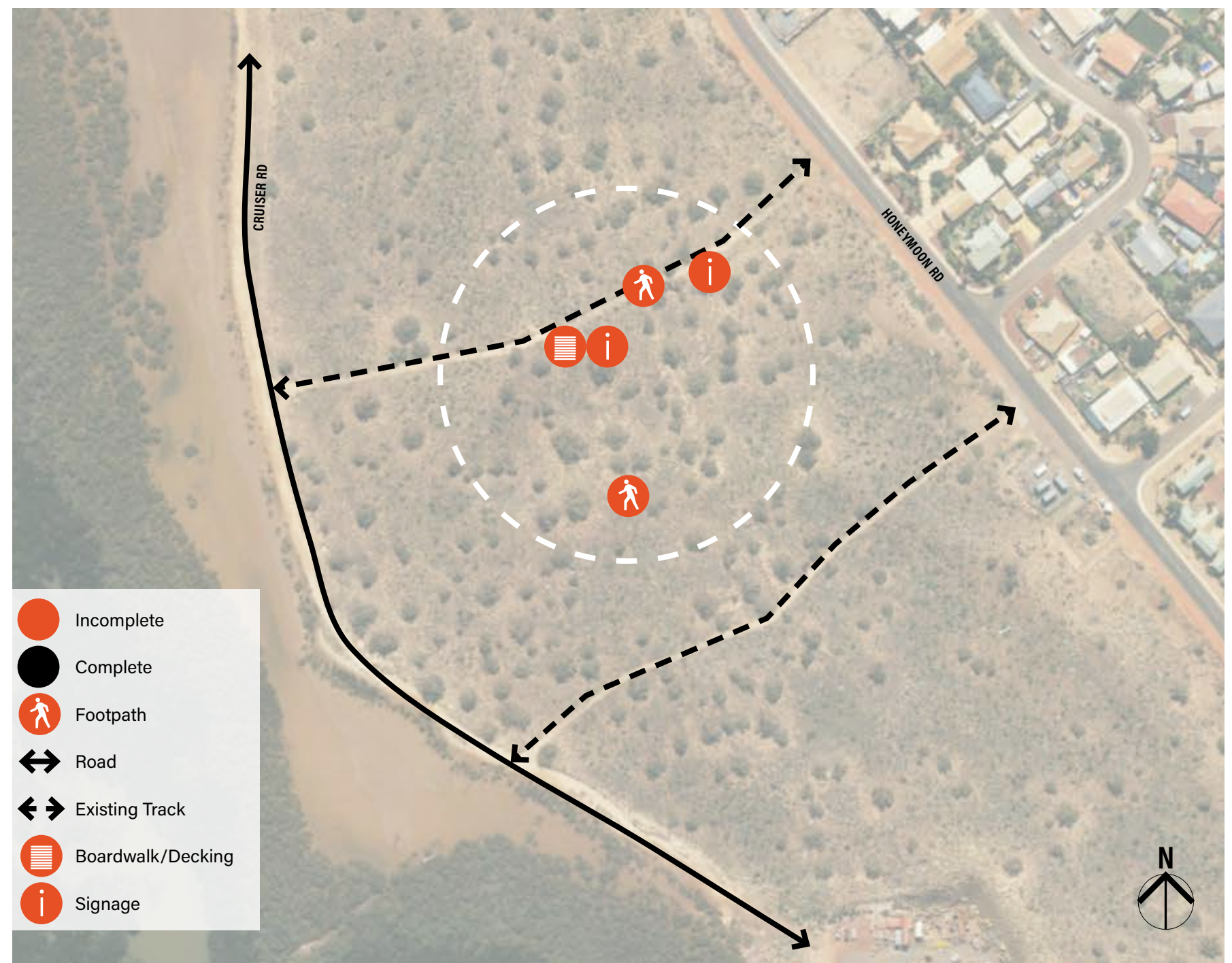
DRAFT

RECOMMENDATIONS

1. Establish Signage identifying historic and environmental values of the area - **INCOMPLETE**
2. Construct lookout with 360 degree views of town sites and mangroves - **INCOMPLETE**



FIGURE 5. EXTRACT FROM FMP PAGE 26



3.3 2014 FMP - MANGROVE LOOKOUT IMAGES



FIGURE 6. DRONE IMAGE TOWARDS NODE 1 SOURCE. UDLA, JUNE 2022

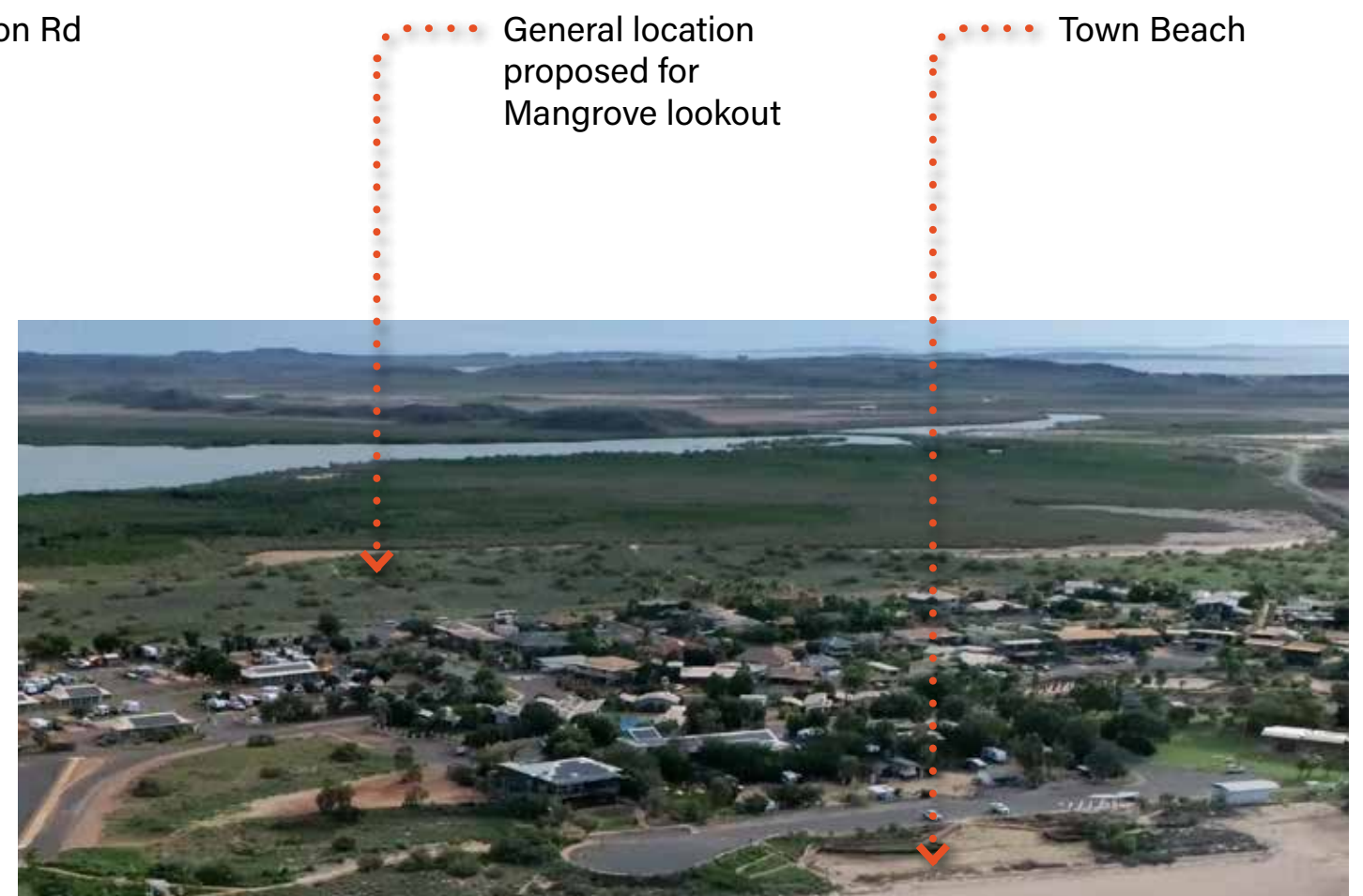


FIGURE 7. DRONE IMAGE TOWARDS NODE 1 SOURCE. UDLA, JUNE 2022

3.4 2014 FMP - NODE 2 SAM'S BEACH PLAN

DRAFT

RECOMMENDATIONS

1. Establish signage identifying historic and environmental values of an area - **INCOMPLETE**
2. Undertake dune restoration and revegetation - **INCOMPLETE**
3. Beach access to commence with decked lookout area with shelter and consider prevailing wind and steps as appropriate - **INCOMPLETE**



FIGURE 9. EXTRACT FROM FMP PAGE 26

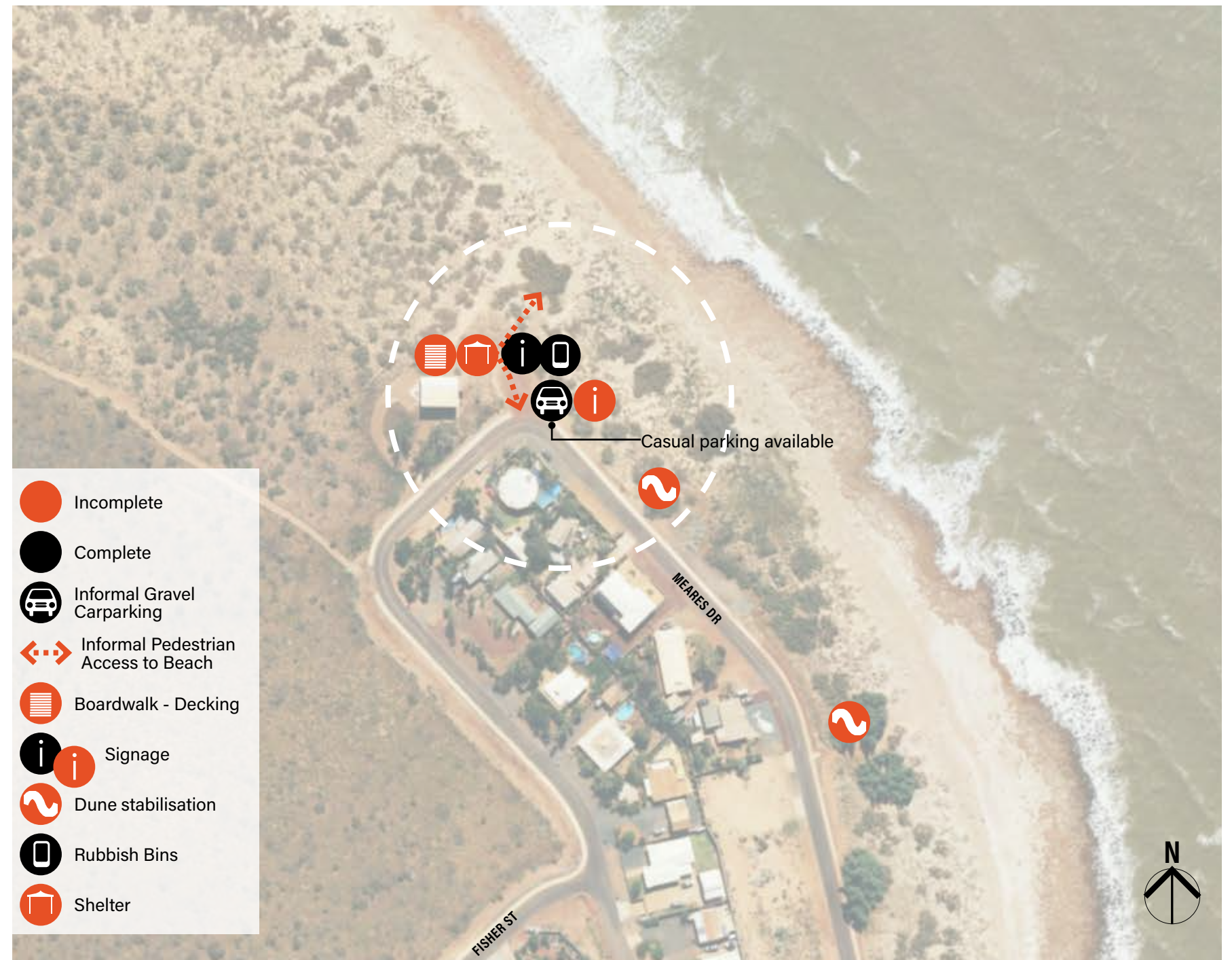


FIGURE 8. AERIAL SOURCE. MNG, MAY 2020

3.5 2014 FMP - NODE 2 SAM'S BEACH IMAGES



FIGURE 10. DRONE IMAGE OF NODE 2 SOURCE. UDLA, JUNE 2022



FIGURE 11. DRONE IMAGE OF NODE 2 SOURCE. UDLA, JUNE 2022

3.6 2014 FMP - NODE 3 TOWN BEACH PLAN

RECOMMENDATIONS

1. Removal of Tamarisk Trees to occur under community direction - **PARTIALLY COMPLETE**
2. Remove existing road and undertake dune restoration and revegetation **PARTIALLY COMPLETE, ROAD INCOMPLETE**
3. Install sawtooth dune stabilisation structures - **PARTIALLY COMPLETE**
4. Landscape and tree planting to improve amenity - **PARTIALLY INCOMPLETE**



FIGURE 13. EXTRACT FROM FMP PAGE 26



FIGURE 12. AERIAL SOURCE. MNG MAY 2020

3.7 2014 FMP - NODE 3 TOWNS BEACH IMAGES



FIGURE 14. DRONE IMAGE OF NODE 3 SOURCE. UDLA, JUNE 2022



FIGURE 15. DRONE IMAGE OF NODE 3 SOURCE. UDLA, JUNE 2022



FIGURE 16. DRONE IMAGE OF NODE 3 SOURCE. UDLA, JUNE 2022



FIGURE 17. DRONE IMAGE OF NODE 3 SOURCE. UDLA, JUNE 2022

3.8 2014 FMP - NODE 4 THE POINT PLAN

RECOMMENDATIONS

1. Construct feature walk to Jetty with signage - **COMPLETE**
2. Remove existing road and undertake dune restoration and revegetation - **INCOMPLETE**
3. Install sawtooth dune stabilisation structures - **INCOMPLETE**
4. Landscape and tree planting to improve amenity - **COMPLETE**
5. Construct shelter/barbeque area - **INCOMPLETE?**



FIGURE 19. EXTRACT FROM FMP PAGE 26

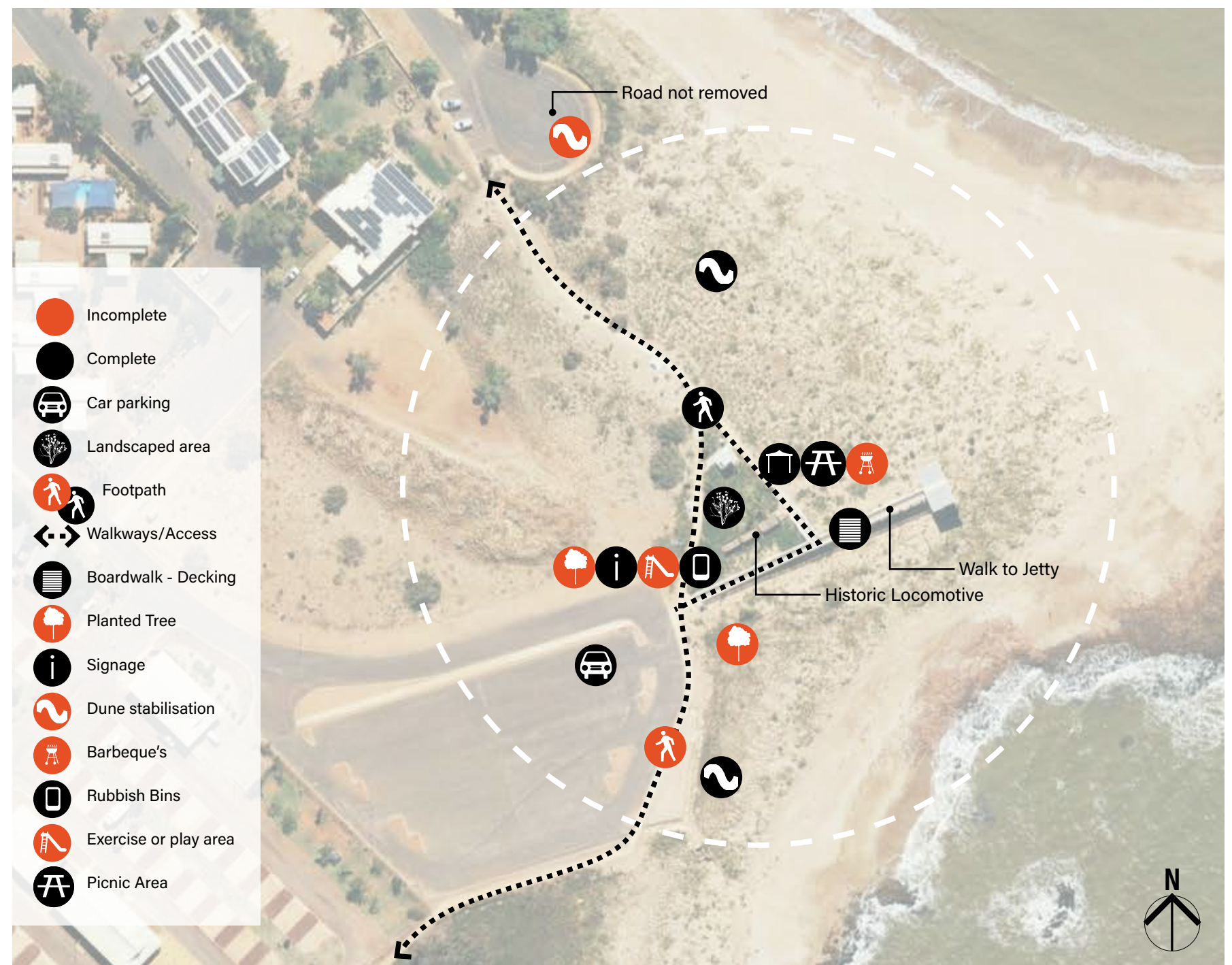


FIGURE 18. AERIAL SOURCE. MNG, MAY 2020

3.9 2014 FMP - NODE 4 THE POINT IMAGES



FIGURE 21. DRONE IMAGE OF NODE 4 SOURCE. UDLA, JUNE 2022



FIGURE 20. DRONE IMAGE OF NODE 4 SOURCE. UDLA, JUNE 2022



FIGURE 23. DRONE IMAGE OF NODE 4 SOURCE. UDLA, JUNE 2022



FIGURE 22. DRONE IMAGE OF NODE 4 SOURCE. UDLA, JUNE 2022

3.10 2014 FMP - NODE 5 HONEYMOON COVE PLAN

RECOMMENDATIONS

1. Construct boardwalk connection to Jetty with signage - **INCOMPLETE**
2. Landscape and tree planting to improve amenity - **INCOMPLETE**
3. Retain existing toilets, shelters/ barbeque area - **COMPLETE**



FIGURE 25. EXTRACT FROM FMP PAGE 26



FIGURE 24. AERIAL SOURCE. MNG, MAY 2020

3.11 2014 FMP - NODE 5 HONEYMOON COVE IMAGES



FIGURE 26. DRONE IMAGE OF NODE 5 SOURCE. UDLA, JUNE 2022



FIGURE 27. DRONE IMAGE OF NODE 5 SOURCE. UDLA, JUNE 2022



FIGURE 28. DRONE IMAGE OF NODE 5 SOURCE. UDLA, JUNE 2022



FIGURE 29. DRONE IMAGE OF NODE 5 SOURCE. UDLA, JUNE 2022

3.12 2014 FMP - NODE 6 JOHN'S CREEK BOAT HARBOUR PLAN

RECOMMENDATIONS

1. Provide safe marked footpaths through harbour area - **INCOMPLETE**
2. Construct fish cleaning facilities - **INCOMPLETE**
3. Retain existing toilets, shelters and bins - **PARTIALLY COMPLETE, (PLEASE ADVISE CONDITION)**



FIGURE 31. EXTRACT FROM FMP PAGE 26

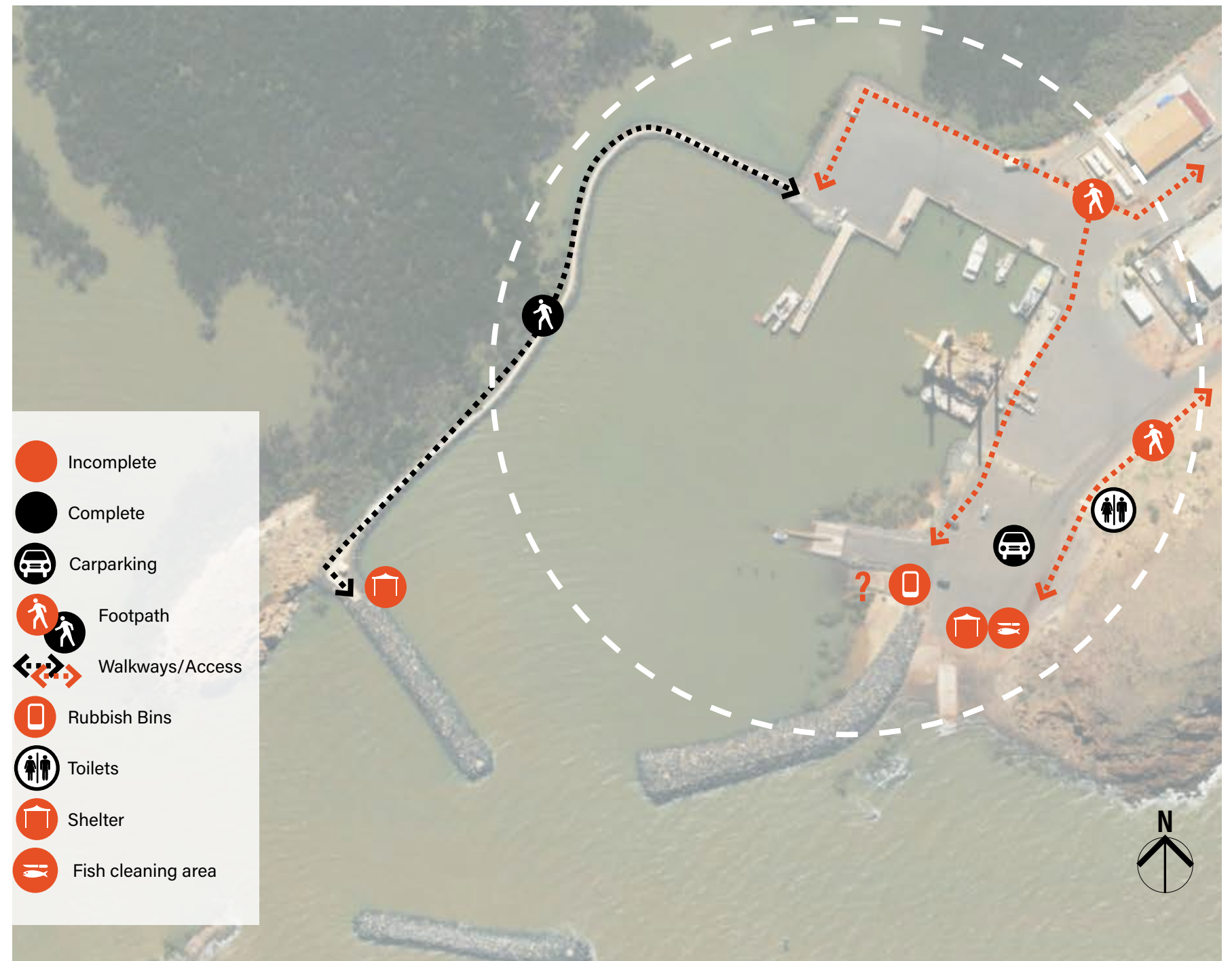


FIGURE 30. AERIAL SOURCE. MNG, MAY 2020

3.13 2014 FMP - NODE 6 JOHN'S CREEK BOAT HARBOUR IMAGES



FIGURE 32. AERIAL SOURCE. MNG, MAY 2020

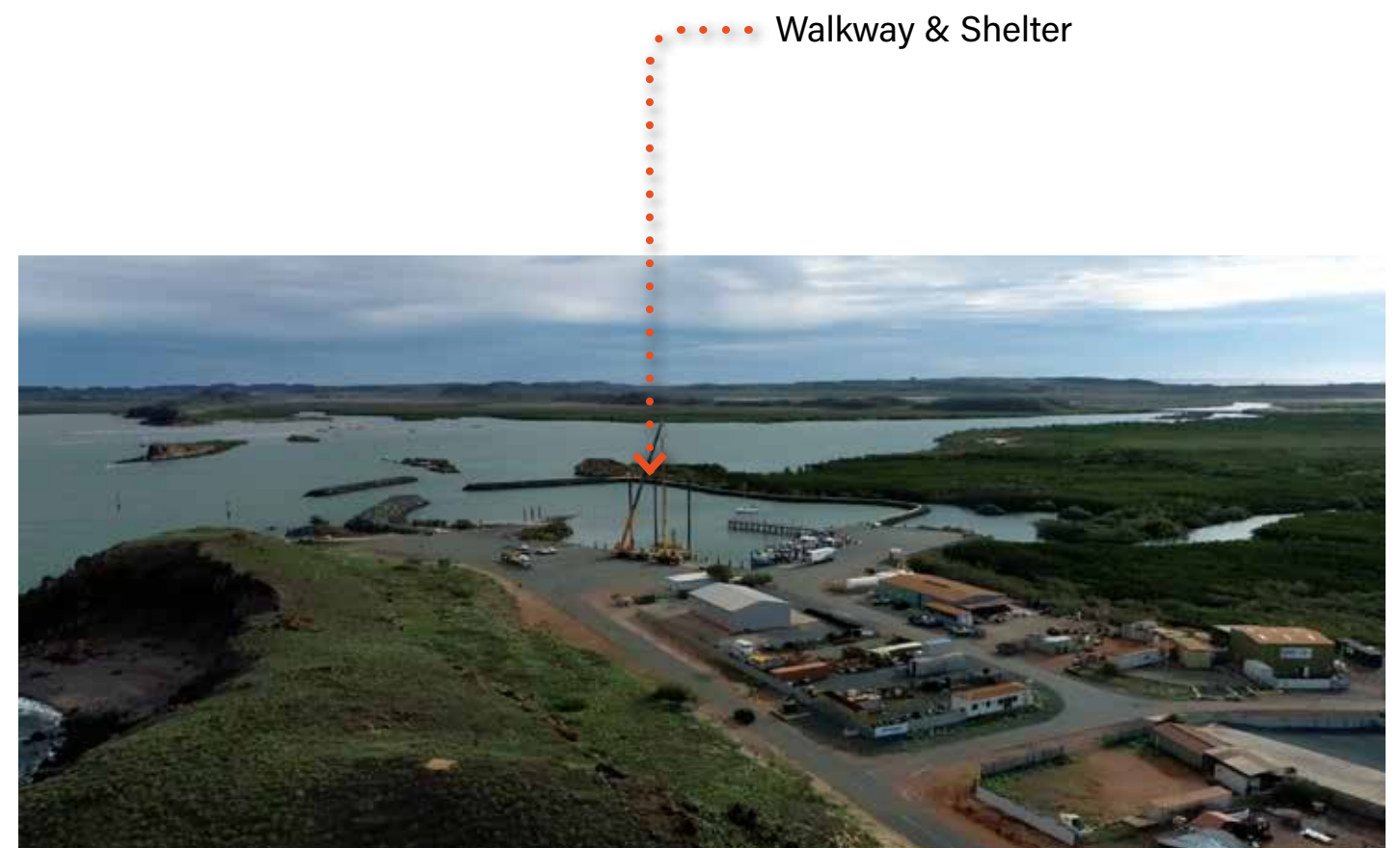


FIGURE 33. AERIAL SOURCE. MNG, MAY 2020

4.0 SUMMARY OF RECOMMENDATIONS & PRIORITIES

DRAFT



4.1 OVERALL FORESHORE RECOMMENDATION SUMMARY

DRAFT

COMPLETE
 ONGOING
 INCOMPLETE
 UNKNOWN

RECOMMENDATION	LOCATION	PRIORITY 2014	2022	STATUS	COMMENTS AND REVIEW
Establish joint management framework for implementation actions and ongoing management between the Shire, Community and the Ngarluma people	Point Samson foreshore area	High	High	Ongoing	<ul style="list-style-type: none"> The community did not respond well to the wording of this recommendation. It was discussed that a possible rewording could clear up the intent of the recommendation. A representative from Ngarluma community was not present at the workshop, this may indicate that they have not been part of the joint management process. Lack of work completed after endorsement of the FMP in 2014. The community questioned the mechanisms or lack of to support a joint management framework approach, opportunity for yearly or quarterly community meetings.
Close Town Beach foreshore road and turn around area	Town Beach	High	Low	Incomplete	<ul style="list-style-type: none"> Closing the town beach was not a priority for the community group. The road network will have to be reviewed for the closure to occur.
Rehabilitate the foredune with appropriate fencing and vegetation once established	Town Beach	High	High	Ongoing	<ul style="list-style-type: none"> Maintenance and upkeep has been noted as poor. Comments raised about long lineal lines of fence blocking wildlife (hermit crabs). This should be reviewed. Fences to removed after rehabilitation is completed.
Provide fenced pedestrian access to the beach	Sam's Beach, Town Beach, outside caravan park, Honeymoon Cove	High	High	Ongoing	<ul style="list-style-type: none"> Town beach has good access from path. Dog beach has limited formal access.
Define walk trail including provision of concrete footpath where necessary	Sam's beach to John's Creek John's Creek to Skate Park	High	Medium	Ongoing	<ul style="list-style-type: none"> Areas have been completed and connect through the foreshore area Not all areas have been addressed
Provide shade (shelters and trees), seating and BBQs	(3) Town Beach, (4) the Point, (5) Honeymoon Cove	3 – High 4 – Low 5 – Low	Medium	Ongoing	<ul style="list-style-type: none"> Town beach has facilities, but they are off the beach. Opportunity for more shade shelters for families on the beach.
Construct lookout	(1) Mangrove Lookout, (2) Sam's Beach	Low	Low		<ul style="list-style-type: none"> No lookout has been constructed at the mangroves or Sam's beach. The community has a lot of commentary about the Sam's beach lookout being constructed on the department of water landholding site.
Construct exercise or play area	3) Town Beach, (4) the Point	Medium	Medium	Incomplete	<ul style="list-style-type: none"> The idea of exerciser equipment was received well. Opportunity to work into a greater circuit of trails loop?

FIGURE 34. TABLE REFERENCE "POINT SAMSON FORESHORE MANAGEMENT PLAN 2014"

4.1 OVERALL FORESHORE RECOMMENDATION SUMMARY CONT.

DRAFT

COMPLETE

ONGOING

INCOMPLETE

UNKNOWN

RECOMMENDATION	LOCATION	PRIORITY 2014	2022	STATUS	COMMENTS AND REVIEW
Incorporate Town history, Aboriginal culture and environmental education through installation of interpretive signage	(1) Mangrove Lookout, (2) Sam's Beach, (3) Town Beach, (4) the Point, (5) Honeymoon Cove	Low	Medium	Incomplete	<ul style="list-style-type: none">This has not been completed but it was a priority.Opportunity to include more Aboriginal stories into the town for tourism.Existing signage on the Point Jetty.
Installation of fish cleaning table with dedicated bin	(6) Johns Creek Harbour	High	Low	Incomplete	<ul style="list-style-type: none">The fish cleaning station has been deemed problematic for the community.This is not supported by the city.Propose to remove or lower the priority.
Provide appropriate signage to control access and activities	Throughout study area	Low	Low	Incomplete	<ul style="list-style-type: none">The community were not sure if this was necessaryPossible not a priority anymore?Could be incorporated into the cultural interpretive signage?
Build Boardwalk	From the Point to Honeymoon Cove	Medium	Low	Incomplete	<ul style="list-style-type: none">A concrete footpath exists,Existing paths need to be reviewed for maintenance.Vegetation is overgrown on paths in areas and needs to be reviewed.
Design and construct the Boat House as appropriate	Town Beach	Medium	Medium	Incomplete	<ul style="list-style-type: none">The use of the boat house was unclear.Using the Fire Brigade building was noted as an opportunity.
Undertake weed management and revegetation of dunes	(3) Town Beach, (4) the Point, (5) Honeymoon Cove	Medium	High	Incomplete	<ul style="list-style-type: none">Same comments as "Rehabilitation of dune"Remove this from recommendations as it is a double up.

FIGURE 35. TABLE REFERENCE "POINT SAMSON FORESHORE MANAGEMENT PLAN 2014"

4.2 NODE RECOMMENDATION SUMMARY

DRAFT

COMPLETE PARTIALLY COMPLETE INCOMPLETE UNKNOWN

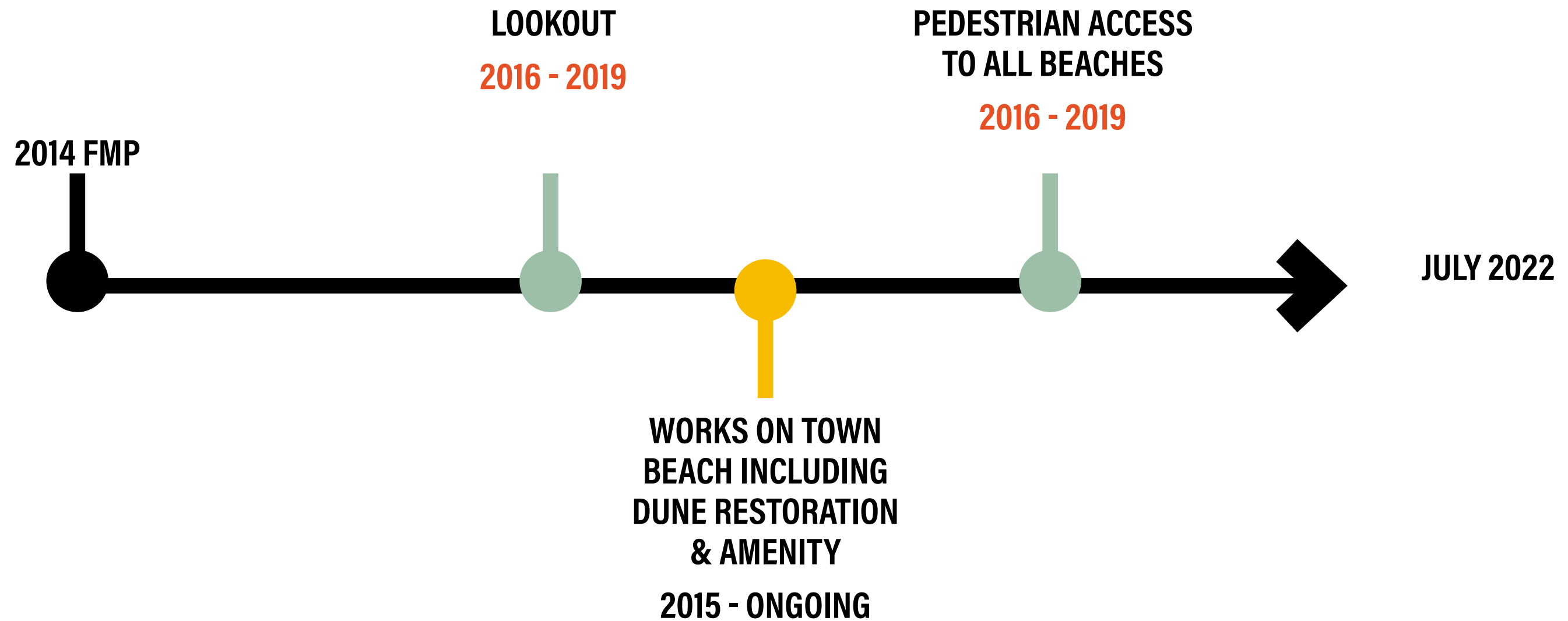
NODE	RECOMMENDATION	STATUS
1 - MANGROVE LOOK OUT		
	1) Establish Signage identifying historic and environmental values of the area	Incomplete
	2) Construct lookout with 360 degree views of town sites and mangroves	Incomplete
2 - SAMS BEACH		
	1) Establish signage identifying historic and environmental values of an area	Unknown - please advise
	2) Undertake dune restoration and revegetation	Incomplete
	3) Beach access to commence with decked lookout area with shelter and consider prevailing wind and steps as appropriate	Incomplete
3 - TOWN BEACH		
	Removal of Tamarisk Trees to occur under community direction.	Partially Complete - Please advise extent
	Remove existing road and undertake dune restoration and revegetation	Road - Incomplete Dune Restoration - Partially Complete
	Install sawtooth dune stabilisation structures	Partially Complete - Extent to be confirmed
	Landscape and tree planting to improve amenity	Partially Complete - Extent to be confirmed
4 - THE POINT		
	Construct feature walk to lookout with signage	Complete Signage to be Advised if Complete
	Remove existing road and undertake dune restoration and revegetation	Incomplete
	Install sawtooth dune stabilisation structures	Incomplete
	Landscape and tree planting to improve amenity	Incomplete
	Construct shelter/barbeque area	Incomplete - Please advise on BBQ

NODE	RECOMMENDATION	STATUS
5 - HONEYMOON COVE		
	1) Construct boardwalk connection to lookout with signage	Incomplete
	2) Landscape and tree planting to improve amenity	Incomplete
	3) Retain existing toilets, shelters/barbeque area	Complete - BBQ to be advised
6 - JOHNS CREEK BOAT HARBOUR		
	1) Provide safe marked footpaths through harbor area	Incomplete
	2) Construct fish cleaning facilities	Incomplete
	3) Retain existing toilets, shelters and bins	Complete - Condition be advised

FIGURE 36. TABLE REFERENCE "PT SAMSON FORESHORE WORKS PLAN 2015"

4.3 TIMELINE OF WORKS

DRAFT



5.0 RECOMMENDATIONS

DRAFT



5.1 RECOMMENDATION MATRIX

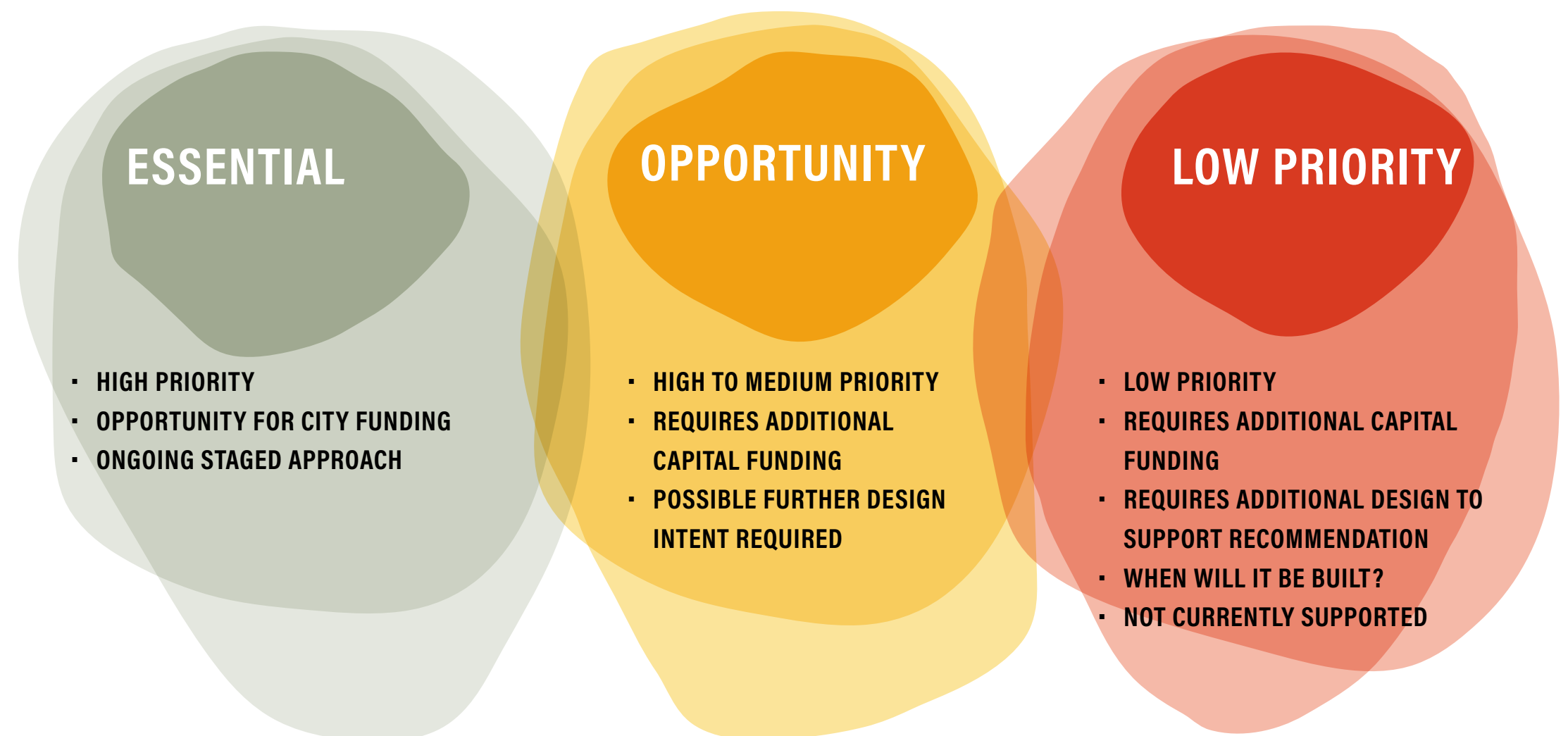
DRAFT

RECOMMENDATIONS

To develop recommendations UDLA have split all current and proposed recommendations into three categories;

- Essential
- Opportunity
- Low Priority

The below diagram represents the methodology behind the decision process.



5.2 ESSENTIAL RECOMMENDATIONS

DRAFT

1. ESTABLISH JOINT MANAGEMENT FRAMEWORK FOR IMPLEMENTATION ACTIONS AND ONGOING MANAGEMENT BETWEEN THE SHIRE, COMMUNITY AND THE NGARLUMA PEOPLE.

A joint management framework is essential to maintain all stakeholder engagement in Point Samson. Possible reword is needed as the PSCA felt that the recommendation required the community to undertake the work. UDLA propose the below update;

Investigate/Establish an **overall Foreshore Masterplan for review and implementation** with actions and ongoing management for the Shire, in consultation with the Community and the Ngarluma people.

Recommendation,

- Hold an annual stakeholder meeting.
- Create a stakeholder reference group. One spokesperson from each stakeholder group to keep open lines of discussion and meet as required.

2. REHABILITATE THE FOREDUNE WITH APPROPRIATE FENCING AND VEGETATION ONCE ESTABLISHED

The work completed to date is in good condition. The species used and methodology of installing is in line with best practice. However the roll out has been slow. UDLA understand that the reason for this are;

- Limited water supply for installation irrigation,
- Limited stock plant availability for mass planting,
- Low priority for the City of Karratha ,
- Lack of funding.

Recommendation,

- Continue staged revegetation works.
- Future works to the dune rehabilitation should ensure the FMP is reviewed against State Planning Policy 2.6, the Coastal Hazard Risk Management and Adaptation Planning Guidelines, updated in 2019 and the Adaptation Strategy developed for Coastal Zones.

3. PROVIDE FENCED PEDESTRIAN ACCESS TO THE BEACH

Town Beach and Honeymoon Cove have good access. This includes ramps and handrails. However Dog beach has informal access with no compliant path of travel. As this is the only dog beach in the area it should be included as a priority to upgrade to a formal access point.

Recommendation,

- Build compliant access to Dog Beach.

4. UNDERTAKE WEED MANAGEMENT AND REVEGETATION OF DUNES

General maintenance is carried out along the foreshore.

Recommendation,

- Review existing maintenance contracts and confirm they are fit for purpose.
- Undertake maintenance review.

5.3 RECOMMENDED OPPORTUNITIES

DRAFT

1. DEFINE WALK TRAIL INCLUDING PROVISION OF CONCRETE FOOTPATH WHERE NECESSARY

The foreshore has a good connective trail network. In areas it could be reviewed and upgraded.

However the greater area of Point Samson has limited trail connections and or signage, this should be reviewed as a future opportunity.

Recommendation,
UDLA recommend developing a Foreshore Signage/ Trails Strategy.

2. PROVIDE SHADE (SHELTERS AND TREES), SEATING AND BBQS

Trees are being installed as part of the staged revegetation works. Additional nodes with shelter and BBQ's would be used often in peak season by locals and visitors.

Recommendation,
UDLA recommend including additional nodes in the next stage of works to the Point Samson Foreshore.

3. CONSTRUCT EXERCISE OR PLAY AREA

The foreshore does not have a playground, as noted in the FMP this would be a good opportunity to develop, along with the exercise equipment.

Recommendation,

- Consider a playground as part of the Foreshore Masterplan.
- Provide some play or exercise equipment within the Town Beach Foreshore.

4. INCORPORATE TOWN HISTORY, ABORIGINAL CULTURE AND ENVIRONMENTAL EDUCATION THROUGH INSTALLATION OF INTERPRETIVE SIGNAGE

There is some interpretive signage around the Jetty lookout that focuses on the asbestos export. However there is limited signage elsewhere that could pickup on the cultural narrative of the site.

Recommendation,
UDLA recommend developing and implementing a Foreshore Signage/Trails Strategy that could incorporate story telling and interpretive signage.

5. DESIGN AND CONSTRUCT THE BOAT HOUSE AS APPROPRIATE

The boathouse is a stand alone item that has been captured in the FMP and can be developed in isolation to a lot of the other recommendations.

Recommendation,

- Proceed with community engagement & a feasibility study for the boathouse to confirm the need and usage.

5.4 LOW PRIORITIES

DRAFT

1. CLOSE TOWN BEACH FORESHORE ROAD AND TURN AROUND AREA.

The urban design logic is clear that by closing Town Beach Foreshore Road it will create ample recreation space for Point Samson. However after visiting and meeting with the PSCA & the City of Karratha it was apparent that the road was used by locals and tourists often and provided a regional sense of place. The road also provides access to the caravan park and tavern which would need to be reviewed.

Recommendation,

UDLA's recommendation is to lower this action as a low priority for future consideration.

5. BUILD BOARDWALK

The boardwalk would be a nice to have item to gain accessible access close to the coastline. However existing paths exist and currently achieve connection from Honeymoon Cove, Town Beach.

Recommendation,

Review the opportunity of a boardwalk connection as part of the wider Foreshore Masterplan and as part the Foreshore Signage/ Trails Strategy recommendation.

2. CONSTRUCT LOOKOUT

The Mangrove lookout does not appear to be a major priority. However opportunity for a lookout either on the mangrove site and or the old water tank site could be developed in the future.

Recommendation,

UDLA's recommendation is review the need for a lookout and review the best location to develop it. This could be captured under the Trails and Way-finding Strategy recommendation.

3. INSTALLATION OF FISH CLEANING TABLE WITH DEDICATED BIN

The fish cleaning station is not supported by the PSCA and will be problematic for residents and the city.

Recommendation,

Remove item from recommendations.

4. PROVIDE APPROPRIATE SIGNAGE TO CONTROL ACCESS AND ACTIVITIES

The existing road signage is adequate for the town and foreshore.

Recommendation,

This would be reviewed as part of Foreshore Signage/Trails strategy.



UDLA

LEVEL 1A, 3-5 JOSEPHSON STREET
FREMANTLE, 6160 WA
HELLO@UDLA.COM.AU | (08) 9336 7577