

Appendix C - Landscape Plans



Exmouth Resort

Landscape Architecture Statement

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Revision	Status	Date	by	Checked
A	Issue for DA	18 May 2021	LP	AM



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Landscape Architecture Statement

History

At the top of Australia's North-West Cape, between cast limestone outcrops of the Cape Range National Park and at the forefront of World Heritage Listed Ningaloo Reef, lies the Exmouth Resort site. This unique and pristine coastal landscape, where rivers and estuaries meet the ocean, holds spiritual significance to the Jinigudira People, traditional custodians of the land for the last thirty thousand years.

In the early 1900's, the Vlaming Head Lighthouse was constructed together with the homestead and exotic garden plantings. The site is now the location for the Ningaloo Lighthouse Holiday Park. Over time, development of the resort together with vehicular and pedestrian traffic have impacted the original vegetation such that little remanent species now exist.

Landscape Design Vision

The following key design principles are the foundations for the plans:

- Restore site ecologies by bringing the surrounding native vegetation communities in and throughout the resort site;
- Limit the impact that the built environment has on the ecology of the landscape;
- Provide opportunities to inform guests with the uniqueness of the natural environment;
- Create a high-quality resort that responds to the character of Exmouth;
- Incorporate elevated path systems to minimise disturbance to the vegetation;
- Minimise water use and create a cyclone resilient environment.

Restore site ecologies

The Exmouth Resort site is surrounded by three native vegetation communities. These Identified communities are located throughout the dune coastal zone to the north, limestone hills of Cape Range to the west and south, and the red Pindan dunes to the east. Restoring site ecologies will ensure that the resort will become an extension of the landscape it is part of, while offering additional shade and wind protection through the use of endemic species.

The vegetation communities that surround the site are prone to bush fire and contain a fuel load that could impact the resort site. In response, bush fire Asset Protection Zones are strategically located with densities of proposed trees, shrubs and grasses designed to reduce the effect of bush fire.

The proposed vegetation will aim to reinstate the natural character and restore the Hummock grasslands that previously thrived throughout the site. As part of this approach, the core of the resort site will feature low water demanding irrigated landscape areas to create an oasis for rare desert flora. Irrigated areas will include both drip and spray irrigation recycled from the resorts blackwater treatment plant. Irrigation will be applied vegetated areas between the main internal resort road and Yardie Creek Road. The outer extents of the resort site will become

managed landscape areas to reduce bush fire fuel loads, improve the health of degraded landscape areas and blur the boundaries between the resort and the surrounding vegetation communities.

Limit the impact that the built environment has on the natural character of the landscape

To limit the impact the buildings on the landscape and its ecologies, pedestrian and vehicular movement throughout the site will be formalised. This will reduce impact of foot traffic on fragile vegetation. Paved pedestrian paths will guide guests throughout the resort site and connect the major facilities to surrounding resort dwellings. Formalised beach access points will connect with existing beach access trails and feature raised timber boardwalks to reduce any impact pedestrians may have on dune vegetation. Raised boardwalks also promote the migration of dune vegetation into the resort. This will create a pedestrian focussed beachfront experience.

Limiting vehicular traffic along Yardie Creek Road fronting the resort will create a pedestrian friendly coastal environment connecting the resort through the dunes and towards the beach. Positioning villas in the hillside contours on stilts and locating streets and nature trails that consider the overland water flow on site reduces total cut volumes whilst minimising the impact on the existing landforms. Vehicle parking will be loosely allocated throughout the site to decentralise parking areas into the landscape.

Connecting guests to the landscape









A range of opportunities for resort guests to comfortably experience the harshness of the fragile and unique environment in which they are visiting has been incorporated with interpretation signage. Limestone outcrops, Hummock Grasslands and dune lookouts will all be tied into a range of nature trails that circuit the site while using local materials that will complement the landscape. Opportunities include nature trail lookouts and bridge crossings at unique locations throughout the wider resort site to create a comfortable, memorable experiences within the fragile natural environment.

Other initiatives include a park space adjacent to the natural swale that transects the site. The park sits in the landscape, connecting with the swale and ensuring guest in villas to the south will retain their views across this recreation area. The park will provide a place informal recreation and also features a play area under a shade structure.

The re-development of the Exmouth Resort offers an opportunity to rehabilitate the landscape and reinforce the natural character of the site while creating a comfortable oasis for visitors. By restoring site ecologies, enhancing the natural landscape character and providing moments in which guests can be educated about the natural environment, the resort will be a special place for Western Australian visitors.

0783SYD EXMOUTH RESORT

Name	SPRING			SUMMER			AUTUMN			WINTER			Fauna/feature					
	early	mid	late	early	mid	late	early	mid	late	early	mid	late						
Tree																		
Acacia coriacea Wirewood																		
Height 5 - 10m Spread 6 - 10m																		
Brachychiton obtusilobus																		
Height 3 - 5m Spread 2.0 - 3.5m																		
Eucalyptus vixtrix Smooth-Barked Coolibah																		
Height 15 - 20m Spread																		
Eucalyptus xerothermica																		
Height 5 - 10m Spread 3.5 - 6m																		
Shrub																		
Acacia bivenosa Two-nerved wattle																		
Height 1.50 - 3m Spread 2.0 - 3.5m																		
Banksia ashbyi Ashby's Banksia																		
Height 3 - 5m Spread 1.2 - 2.0m																		
Daviesia pleurophylla																		
Height 1.50 - 3m Spread																		
Eremophila forrestii subsp. capensis Wilcox Bush																		
Height 0.90 - 1.50m Spread 1.2 - 2.0m																		
Grevillea calcicola																		
Height Spread																		
Melaleuca cardiophylla Umbrella bush																		
Height 0.90 - 1.50m Spread 2.0 - 3.5m																		
Rhagodia preissii Soft Saltbush																		
Height 1.50 - 3m Spread 1.2 - 2.0m																		
Ground Cover																		
Corchorus congener																		
Height 0.45 - 0.60m Spread 0.9 - 1.2m																		
Spinifex longifolius Beach spinifex																		
Height 0.75 - 0.90m Spread 1.2 - 2.0m																		
Stackhousia umbellata																		
Height 0.60 - 0.75m Spread 0.3 - 0.6m																		

Name	SPRING			SUMMER			AUTUMN			WINTER			Fauna/ feature
	early	mid	late	early	mid	late	early	mid	late	early	mid	late	
<p>Triodia epactia</p> <p>Height 0.90 - 1.50m Spread</p>  <p>The file cannot be found:</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">Spear-like</p>													
<p>Whiteochloa airoides</p> <p>Creeping panic</p> <p>Height 0.90 - 1.50m Spread 0.3 - 0.6m</p>   <p style="writing-mode: vertical-rl; transform: rotate(180deg);">Tussock</p>													
<p>Climber</p> <p>Tinospora esiangkara</p> <p>Height 0.90 - 1.50m Spread 1.2 - 2.0m</p>     													



- Program**
- ① Tennis Courts
 - ② Kitchen Garden
 - ③ Existing Olive Trees
 - ④ Vilgo Groom
 - ⑤ Entry Plaza
 - ⑥ Beach Access
 - ⑦ Recreation Lawn
 - ⑧ Sheltered Playground
 - ⑨ Storytime Firepit
 - ⑩ Staff Maintenance Track
 - ⑪ Resurface Existing Bridge Crossing
 - ⑫ Revegetated Swale
 - ⑬ Openspace Refuge Area
 - ⑭ Dune Lookout
 - ⑮ Existing Lighthouse Trail
 - ⑯ Conserved Existing Landscape
 - ⑰ Sunset Lookout
 - ⑱ Blackwater Treatment
 - ⑲ Boat Parking
 - ⑳ Patrol Station
 - ㉑ Public Parking (20)

- General**
- Site Boundary
- Preparation + Groundworks**
- Proposed Contour Line
 - Existing Contour Line
- Walls + Edges**
- == Pool Wall
- Pavements**
- Existing Road
 - Existing Lighthouse Trail
 - Future Road - Masterplan Works
 - Paved Pedestrian Surface
 - Asphaltic Concrete
 - Compacted Gravel
 - Entry Plaza
 - Nature Trail
 - Nature Trail Bridge Crossing
 - Boardwalk
- Architecture and Site Structures**
- Proposed Building
 - Proposed Water Tank

- Water Elements**
- Swimming Pool
- Planting**
- Lawn
 - Native Rock Garden
 - Native Grassland - Managed
 - Native Grassland - Managed Sparse
 - Native Shrub Mix - Managed
 - Native Shrub Mix - Managed Sparse
 - Native Dune Mix - Managed
 - Native Dune Mix - Managed Sparse
- Trees**
- Existing Tree Retained
 - Transplanted Palm
 - Proposed Tree
 - Eucalyptus victrix
 - Acacia coriacea
 - Proposed Shrub
 - Banksia ashbyi

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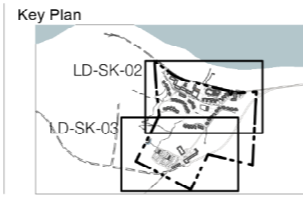
Client
 Fiveight

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 Kerry Hill Architects

Project Name
Ningaloo LH RSRT

Project No.
 0899SYD

Address
 Yardie Creek Rd, North West Cape, WA 6707



Issue Log

Rev	Revision Description	By / Checked	Date
A	Issue for DA	LP/AM	18/05/2021

Scale
 1: 1500 @ A1

All dimensions are in millimetres unless otherwise noted.
 Do not scale from this drawing.

Phase
 Schematic Design

Sheet Title
 Landscape Plan

Sheet No.
 LD-SK-201

Rev
 A



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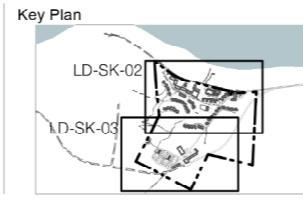
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Phase
Schematic Design

Sheet Title
Landscape Plan

Sheet No.
LD-SK-202

Rev
A



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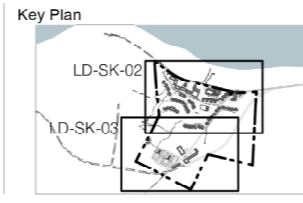
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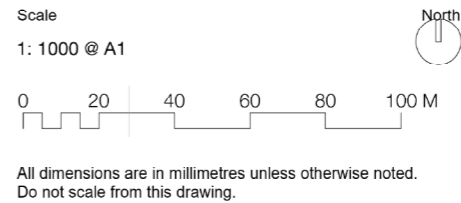
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Phase
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Sheet No.
 LD-SK-203

Rev
 A

