

Total landscaped area = 1,617m²
On-site landscaped area = 734m²
On-site landscape percentage = 8.1%
Verge landscaped area = 883m²

Water meter
Endemic planting to wetland interface

Bike racks

Retain existing Tuarts

Retain existing Tuarts

Native waterwise planting to verge

IRRIGATION PURPOSE

Overview
The contractor is required to design, supply, and install a fully automated irrigation system for all tree pits and garden areas, fed by the existing water supply system as outlined in the hydraulic drawings.

Materials and Work
Provide all materials and services, including, but not limited to, the following:
• Pipes, fittings, accessories, and controllers;
• Connection to the water supply;
• Connection to the electrical power supply;
• Installation of a backflow prevention device at the gate valve.
Conduits required under pavements, walls, or fences will be provided by the civil works team.

Irrigation Specifications
The design of the irrigation system must meet the following specific requirements:

3.1 Trees:
Irrigation Method: Two flood bubblers.

3.2 Garden Beds:
Irrigation Method: Pop-up spray heads for beds next to paving and grass areas, and fixed-head sprinklers appropriate for the garden bed sizes.

Quality Assurance
Contractor's Qualifications: A minimum of five years of relevant experience is required. Provide evidence of previous similar work, including contact details.

Standards and Regulations
Ensure compliance with all relevant standards and regulations, including applicable Australian Standards and requirements from statutory authorities and utility service providers.

Submissions
Submit irrigation drawings for approval, including detailed hydraulic calculations. These should cover flow rates, pressure requirements, operating pressures for sprinklers, and losses through the system (mainline, lateral line, backflow preventer, master valve, sectional valve, filter, pressure regulator, and rise to the highest point).
Before ordering materials, submit samples of each component for approval from the Superintendent.

Site Review
Inspect the project drawings and visit the site. Verify all aspects of the required work and report any discrepancies to the Superintendent for clarification.

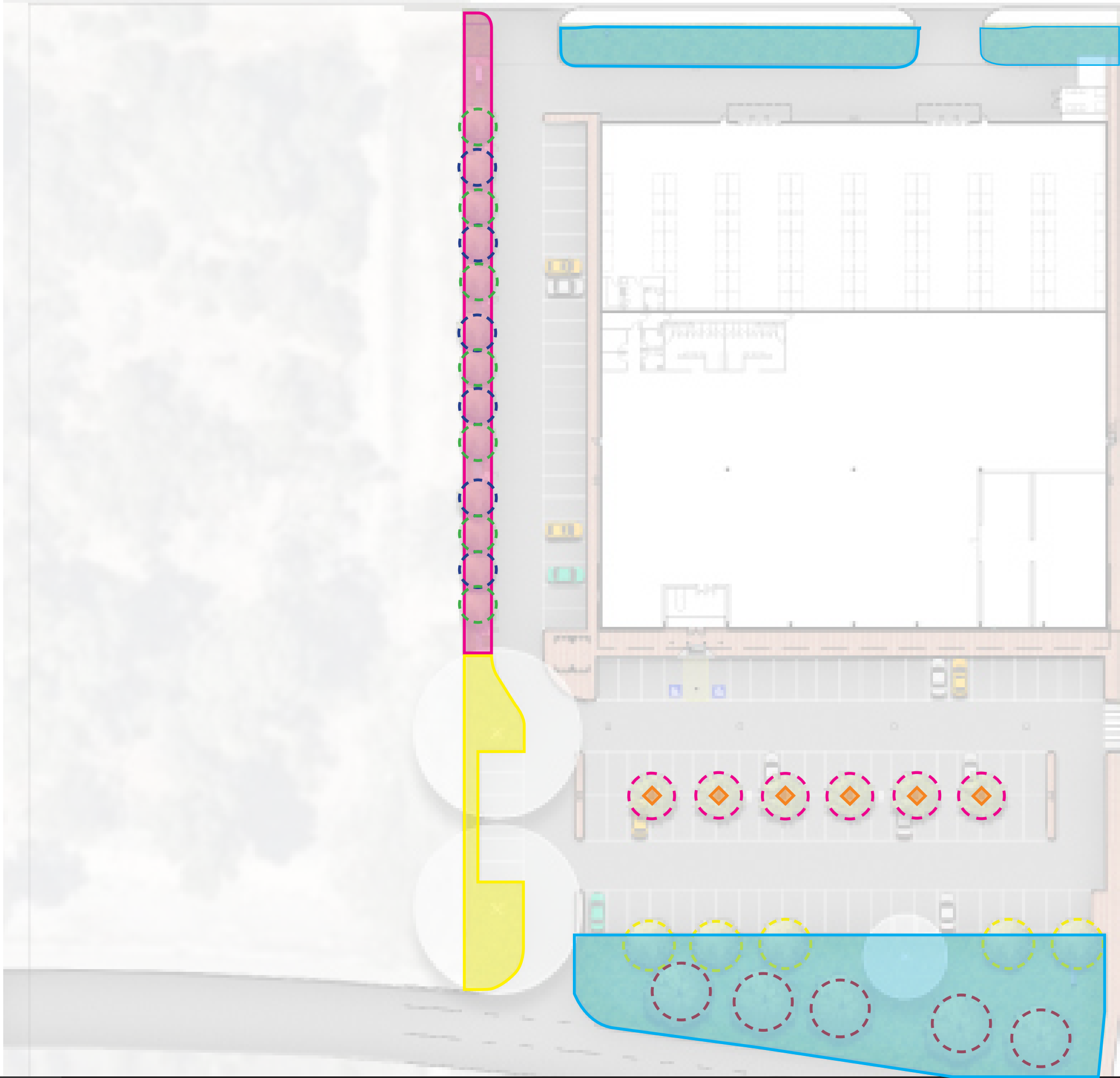
Warranty and Maintenance
The contractor must maintain the system for 12 months following practical completion, ensuring it is free from defects in workmanship and materials. Any faulty components must be replaced and the system restored to full operation at no cost to the Principal.

Crepe Myrtle's to car park to be installed with root control barrier

Existing tree to be retained

Digital sign board
Tuart's to be installed to Yangebup Drv verge

BEELIAR DRIVE



PROPOSED PLANTING SCHEDULE

Species Name	Common Name	Spacing
VERGE MIX		
Anigozanthos humilis	'Catspaws'	3/sqm
Anigozanthos manglesii	'Red & Green Kangaroo Paw'	3/sqm
Conostylis candicans	'Grey Cottonheads'	3/sqm
Beaufortia elegans	'Elegant Beaufotia'	3/sqm
Eremophila glabra	'Tar Bush'	3/sqm
Juncua kraussii	'Salt Marsh Rush'	3/sqm
Pattersonia occidentalis	'Purple Flag'	3/sqm
SHADE MIX		
Acacia sessilis	N/A	3/sqm
Gastrolobium capitatum	'Bacon and Eggs'	3/sqm
Hemiandra pungens	'Snake Bush'	3/sqm
Kennedia prostrata	'Running Postman'	3/sqm
Rhogadia baccata	'Berry Saltbush'	3/sqm
WETLAND BOUNDARY MIX		
Acacia cyclops	'Red-eyed Wattle'	1/sqm
Acacia cochlearis	'Rigid Wattle'	1/sqm
Calothamnus quadrifidus	'Clean and Green'	3/sqm
Carex appressa	'Tall Sedge'	6/sqm
Grevillea crithmifolia	'Little Crith'	3/sqm
Hypocalymma angustifolium	'Myrtle'	3/sqm
Leptospermum spinescens	'Spiny Tea Tree'	2/sqm
Myoporum caprarioides	'Slender Myoporum'	3/sqm
TREE DIAMONDS MIX		
Baumea preissii	'Soft Twig Rush'	6/sqm
Carex fascicularis	'Tassel Sedge'	6/sqm
TREES		
Species Name	Common Name	Size
Eucalyptus gomphocephala	'Tuart'	100lt
Eucalyptus tottiana	'Coastal Blackbutt'	45lt
Lagerstroemia indica	'Crepe Myrtle'	100lt
Melaleuca cuticularis	'Saltwater Paperbark'	45lt
Melaleuca preissiana	'Stout Paperbark'	45lt

VERGE MIX



Anigozanthos humilis
'Catspaws'



Anigozanthos manglesii
'Red and Green Kangaroo Paw'



Conostylis candicans
'Grey Cottonheads'



Beaufortia elegans
'Elegant Beaufortia'



Eremophila glabra
'Tar Bush'



Juncus pallidus
'Salt Marsh Rush'



Pattersonia occidentalis
'Purple Flag'

SHADE MIX



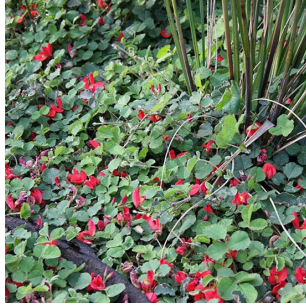
Acacia sessilis
N/A



Gastrolobium capitatum
'Bacon and Eggs'



Hemiandra pungens
'Snake Bush'



Kennedia prostrata
'Running Postman'



Rhagodia baccata
'Coastal Saltbush'

WETLAND BOUNDARY MIX



Acacia cyclops
'Red-eyed Wattle'



Acacia cochlearis
'Rigid Wattle'



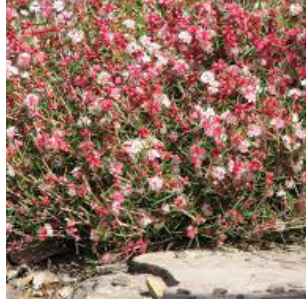
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Leptospermum spinescens
'Spiny Tea Tree'



Myoporum caprarioides
'Slender Myoporum'

TREE DIAMONDS MIX



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Beaumea preissii
'Soft Twig Rush'

TREES



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'Tuart'



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