

NAGAMBIE, STREETSCAPE MASTERPLAN

Strathbogie Shire Counci

This document has been prepared by Planit Consulting Pty Ltd

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DOCUMENT CONTROL

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CONTENTS

BACKGROUND	3
SITE PHOTOS	4
EXISTING CIRCULATION	5
EXISTING GREENSPACE	6
EXISTING LANDMARKS & PUBLIC FACILITIES	7
MEDIAN STRIP STUDIES	8
PRECEDENT IMAGERY & INITIATIVES	9
MASTERPLAN	10
DESIGN SOLUTIONS	13
FURNITURE PALETTE	15
PLANTING PALETTE -	
STREETSCAPE, PARKS AND OPEN SPACES	16
WSUD / BIO SWALE AND BASIN AREAS	18
DESIGN COST REVIEW	19

WELCOME TO NAGAMBIE

In partnership with Go Nagambie, Strathbogie Shire Council has engaged Planit Consulting to develop a Streetscape Masterplan that can be implemented as a staged approach over subsequent years. It is intended that this and the associated Signage Audit and southern interchange design will be used as an appendices for the Nagambie Growth Management Strategy.

The proposed works include:

- Design works for the Nagambie High St Central Business District.
- Landscaping on the GV Highway diamond interchange rounda-bout at Mitchellstown Road.

The Streetscape Masterplan will also be read in conjunction with a signage audit and recommendation report, prepared by Planit Consulting, for the North and South approach points to the town.

Some of the key considerations to inform the masterplan design aspects for High Street include:

- Focus on the key landmarks water tower, cenotaph, old mill, median strip.
- Potential relocation of public amenities
- Footpaths
- Street side plantings
- Alfresco area facilitating outdoor dining
- Simplified colour palette, reduction in signage
- Market spaces in central median strip interacting with shops.

Project Team

Strathbogie Shire Council – Planning and Investment Department will be the lead department for this project.

Key Stakeholders

- Relevant Strathbogie Shire Council Departments (Tourism, Arts and Cultural Team, Project Delivery Department, Asset Planning Department, Operations Department and CEO)
- Go Nagambie representatives
- Nagambie Community
- Nagambie Business Óperators
- Service providers
- Referral authorities



Nagambie is an attractive rural town with a unique character due to it's location to Lake Nagambie and the Goulburn River.

River Red Gums are present throughout the town, the distant backdrop of the Strathbogie Ranges link the town strongly to its landscape context.

The towns central business district is built along High Street and is generally bounded by Young and Vale Streets in the north, Filson Street in the east, Glencairn Lane in the south and Blayney Lane in the west. Within this area there are a number of commercial and retail uses as well as civic buildings and public land.

Heritage buildings are located along the main street, dating back to Victorian era, these days they are used for shops, take-away cafes and accommodation.

The Lake Foreshore open space, Jacobson's Outlook, is a particularly significant area within the High Street commercial centre. This open space offers spectacular views across the lake from High Street and provides access to the lakeside.

The highway forms a north-south spine which runs through the township and acts as the main street.

























Opportunities:

- Enhance existing pedestrian crossing points across High Street.
- Facilitate gathering opportunities at existing built our kerb intersections
- Provide a stream lined pedestrian pavement to High Street.
- Create a central plaza within the median, with an integrated amenity block.

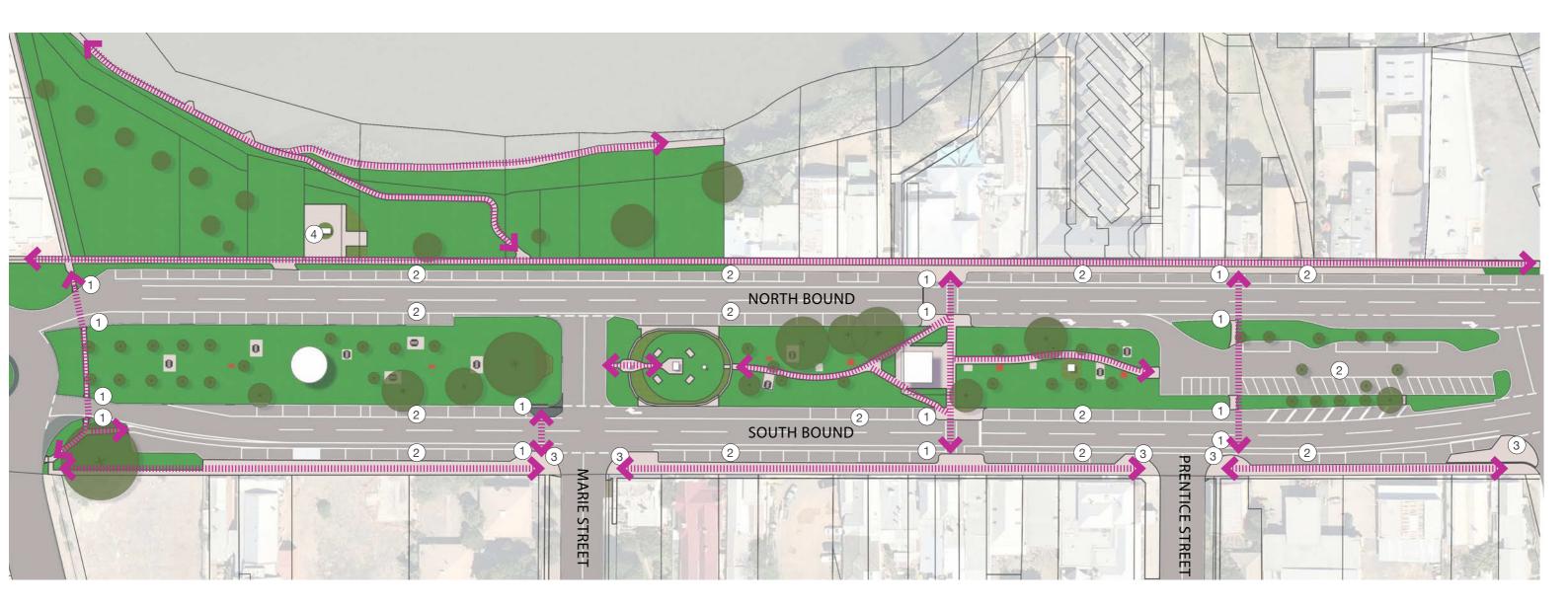
LEGEND

- 1 EXISTING ROAD CROSSING
 HIgh Street crossing points.
- 2 EXISITNG CAR PARK
 Parallel parking and angle parking
- BUILT OUT KERBS AT AN INTERSECTION Place making opportunities
- 4 BACK CAVIAR STATUE Statue adjoining footpath.

WATER TOWER
Statue adjoining footpath.

GENERAL PEDESTRIAN CIRCULATION

Description

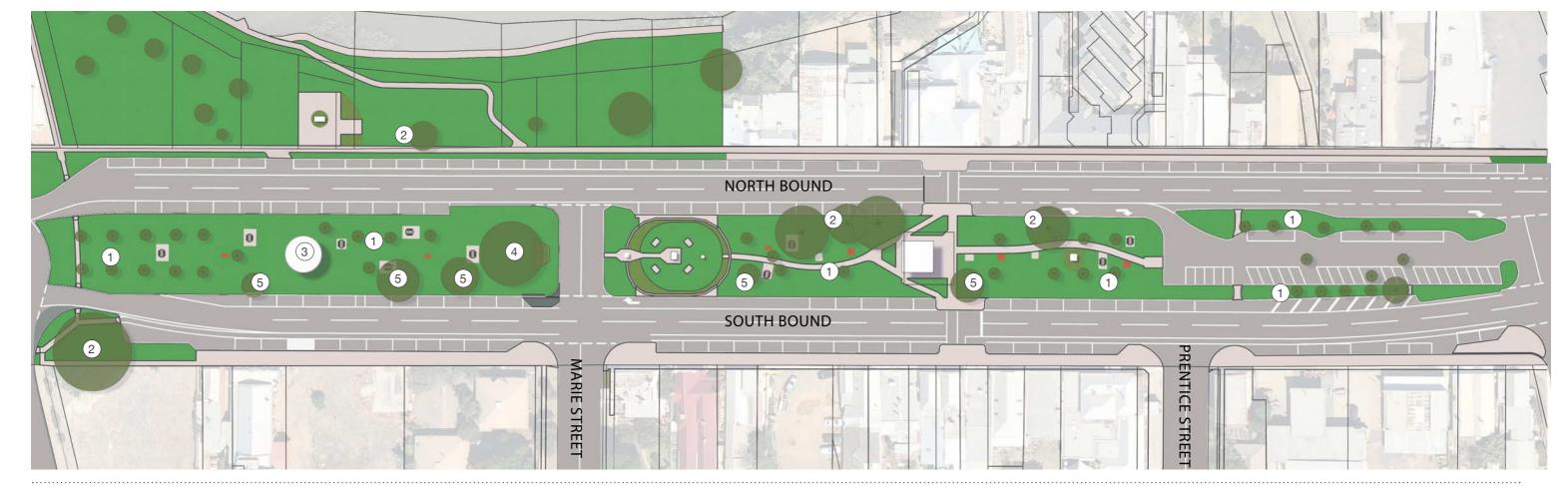


Opportunities:

- Remove trees impacted by powerlines.
- Reinforce the character of the local river red gums with sculptural elements.
- Revitalise existing garden beds with resilient species.
- Create a consistent street tree outcome (via both in-ground and raised planter boxes).
- New storm water sensitive urban design within High Street.
- Low boarder planting to existing built out kerb intersections.

LEGEND

- 1 FORMAL TREE PLANTING
 Trees appear approx. 3 to 5 years old.
- 2 MATURE LONDON PLAN TREE
 Located within verge, acting as a gateway to
 central business district.
- WATER TOWER
 A dominant landmark surrounded by natural vines.
- 4 RIVER RED GUM Indicative of the surrounding landscape.
- Mature trees impacted by powerlines. Degrading the visual aesthetic



Opportunities:

- Existing landmarks to include smart phone technology and night time illumination, to enhance story telling experiences.
- Create a central plaza within the median, with an integrated amenity block.

LEGEND

(1) WATER TOWER

In 1885, a pumping plant was installed on what is now the High Street median strip. As the town developed, the water tower was decommissioned and has been retained and re-purposed as a historical landmark of the town. Feature climbing species have been introduced to soften the visual impacts.

(2) Nagambie cenotaph and memorial clock tower

The Nagambie War Memorial and Clock Tower are feature landmarks on High Street. These monuments were erected to commemorate those from Nagambie and its district who served and gave their lives in World War 1 and World War 2.

(3) BLACK CAVIAR STATUE

The undefeated mare 'Black Caviar' was born in Nagambie in 2006 and is highly celebrated by the local community. To commemorate the champion horse' highly successful racing career, a full-size bronze statue was installed in front of Lake Nagambie in October, 2013.

4 JACOBSONS LOOK OUT

The feature open green space is parallel to High Street and includes active connections to surrounding green spaces within the town. The topography affords the community residence and visitors significant views of Nagambie Lake.

(5) OLD FLOUR MILL

Historic building on corner of High Street and Prentice Street that features original brickwork from its construction in the early 1900's.

6 Public toilets

Located adjacent to the main High Street pedestrian crossing. These amenities are central to the commercial and retail business precinct that occupies the Northern end of High Street.

MAJOR MITCHEL MONUMENT

A large cairn in the middle of the main street marking a place that Major Thomas Mitchell passed during one of his exhibitions through inland

(7) Victoria.

(8) PICNIC TABLES

There are currently 10 picnic tables within the median strip. Materials vary from timber, composite timber, and steel.

9 Rubbish Bins

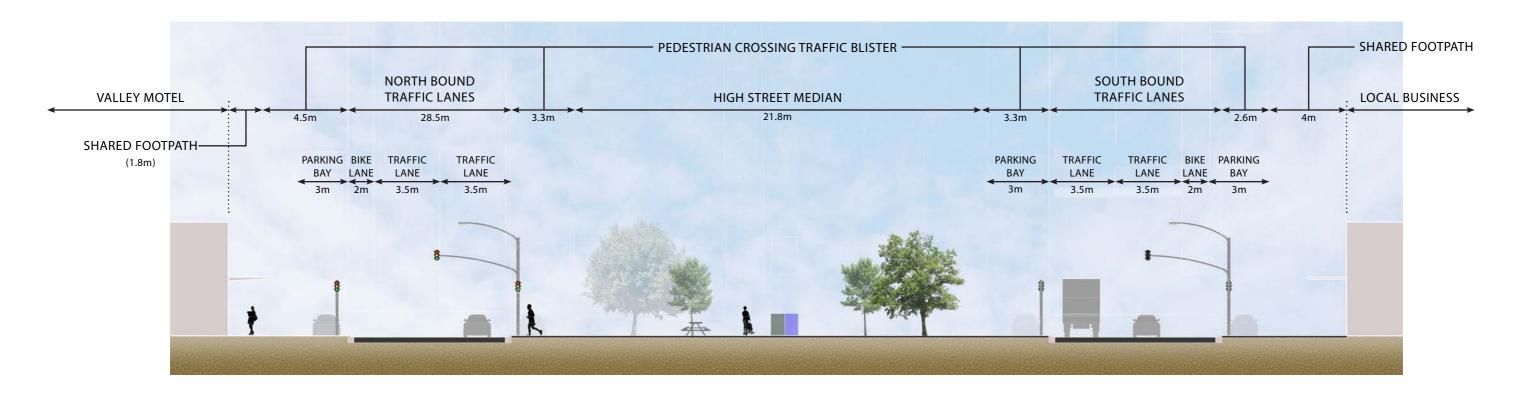
Council standard bins located scarcely throughout central median strip. Materials vary from timber, plastic and steel.



SECTION A-A



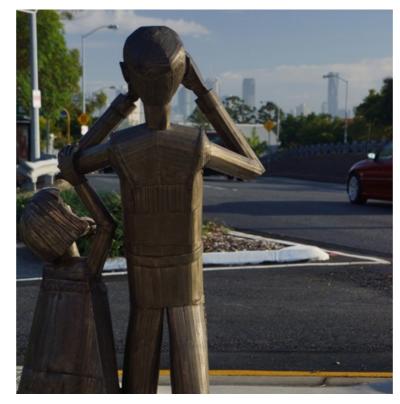
SECTION B-B



The aim of the streetscape masterplan is to improve the commercial vitality of High Street by delivering infrastructure improvements that:

- creates a distinctive sense of place for local residents, visitors and businesses;
- provides a high-quality, attractive public space where people want to visit and shop; and
- improves the attractiveness, comfort, accessibility, connectivity and safety of High Street.

Key attributes of the masterplan include quality pavement, street trees, garden beds, gathering nodes, furniture and public art.



Public Art



Architecturally Designed Toilet Block



Lighting Projections



Water Sensitive Urban Design (WSUD)

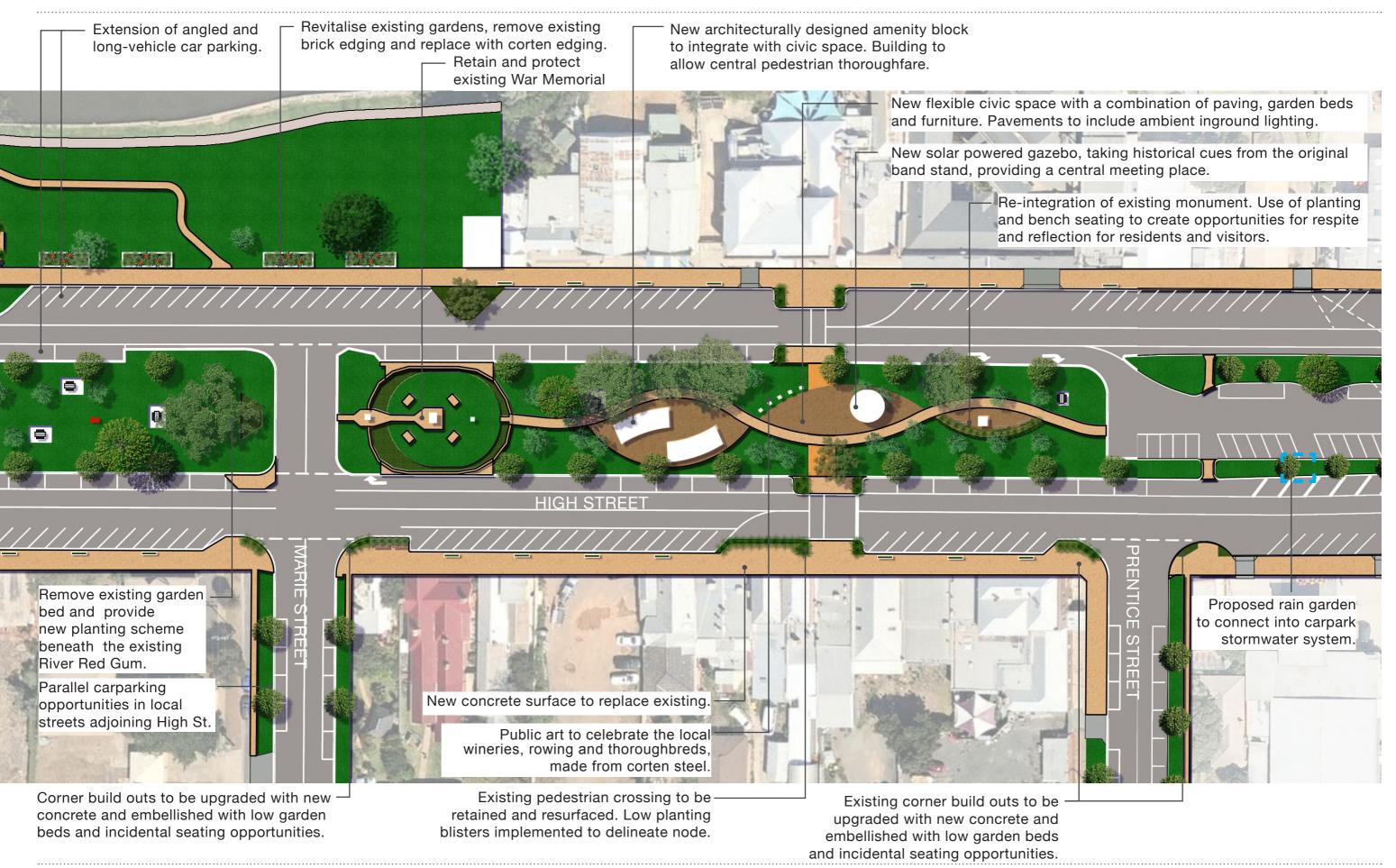


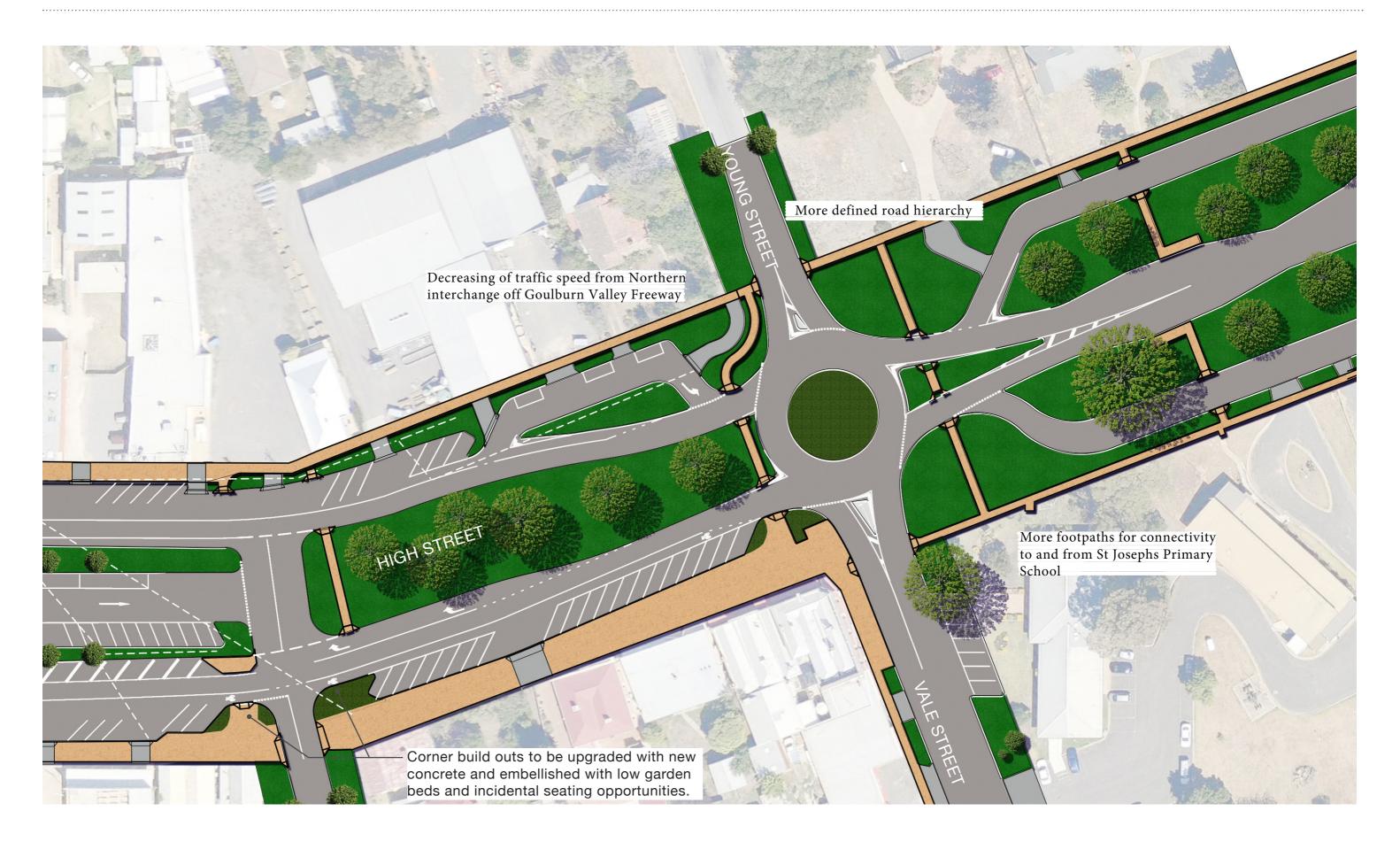
Civic Space

Existing water tank to include -Explore opportunities to enhance and activate green open space. projection lighting to face, allowing themed events. HIGH STREET Low ornamental planting to -Raised planter beds to edge of wider concrete verges where central median.

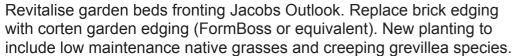
tree blisters are impractical to maintain consistent character.

Species determined by site constraints, i.e. awnings.









Existing footpath to be widened to suit new verge (refer adjoining image. New concrete surface to match pavement located outside the Brewery.



Currently there is confusing linework to the carriage way fronting Jacobs Outlook. This concept seeks to widen the footpath and verge into the current roadside carpark area. Small, ornamental trees are proposed to line the streets at approximately 10m intervals. An increased verge will also facilitate more space for the local markets.

Street trees to be a deciduous species, providing warmth in winter and shade through summer.



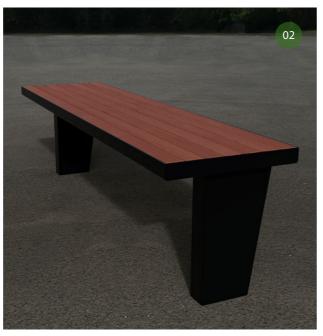
Revitalise existing footpath (including infill pit lids) with new concrete surface to match pavement located outside the Brewery. Low barrier planting to intersections. Public art to replace signage where possible, to create further interest and contribute to the overall story of Nagambie i.e references to rowing, wineries and thoroughbred breeding.



A central plaza located within the median, with the inclusion of inground lighting. A new amenity block to be architecturally designed, with a high level of integration with the proposed plaza area; materials to be contextually appropriate the local area i.e. recycled timber / composite material / corten steel.



Lisboa Picnic Setting | Commercial Systems Australia



Lisboa Bench | Commercial Systems Australia



Lisboa Seat | Commercial Systems Australia



Lisboa Bin Enclosure | Commercial Systems Australia



Lisboa Drinking Fountain | Commercial Systems Australia



Lisboa Bike Leaning Rail | Commercial Systems Australia

COMMERCIAL SYSTEMS AUSTRALIA

The Lisboa picnic setting.

Mild steel frames with Australian hardwood timber battens.
Length: 1800mm | Width: 466mm, 730mm | Height: 450mm, 750mm

The Lisboa bench.

Mild steel frames with Australian hardwood timber battens. Length: 1800mm | Width: 466mm | Height: 450mm

The Lisboa seat.

Mild steel frames with Australian hardwood timber battens. Length: 1800mm | Width: 545mm | Height: 890mm

The Lisboa bin enclosures (120L).

04 Stainless steel.

Width: 565mm | Depth: 565mm | Height: 1302mm

The Lisboa drinking fountain.

05 Stainless steel.

Width: 890mm | Depth: 300mm | Height: 960mm

The Lisboa bike leaning rail.

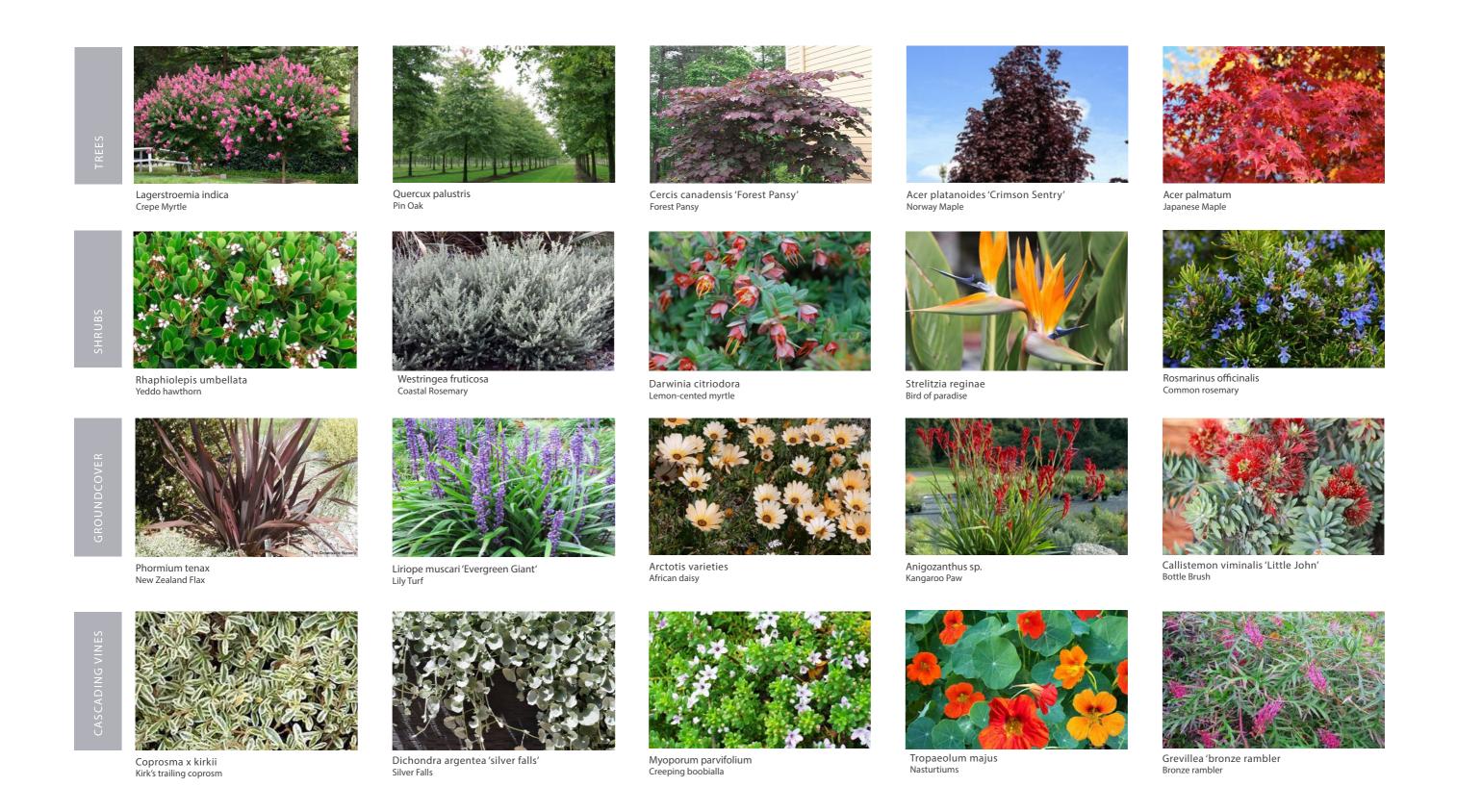
06 Stainless steel.

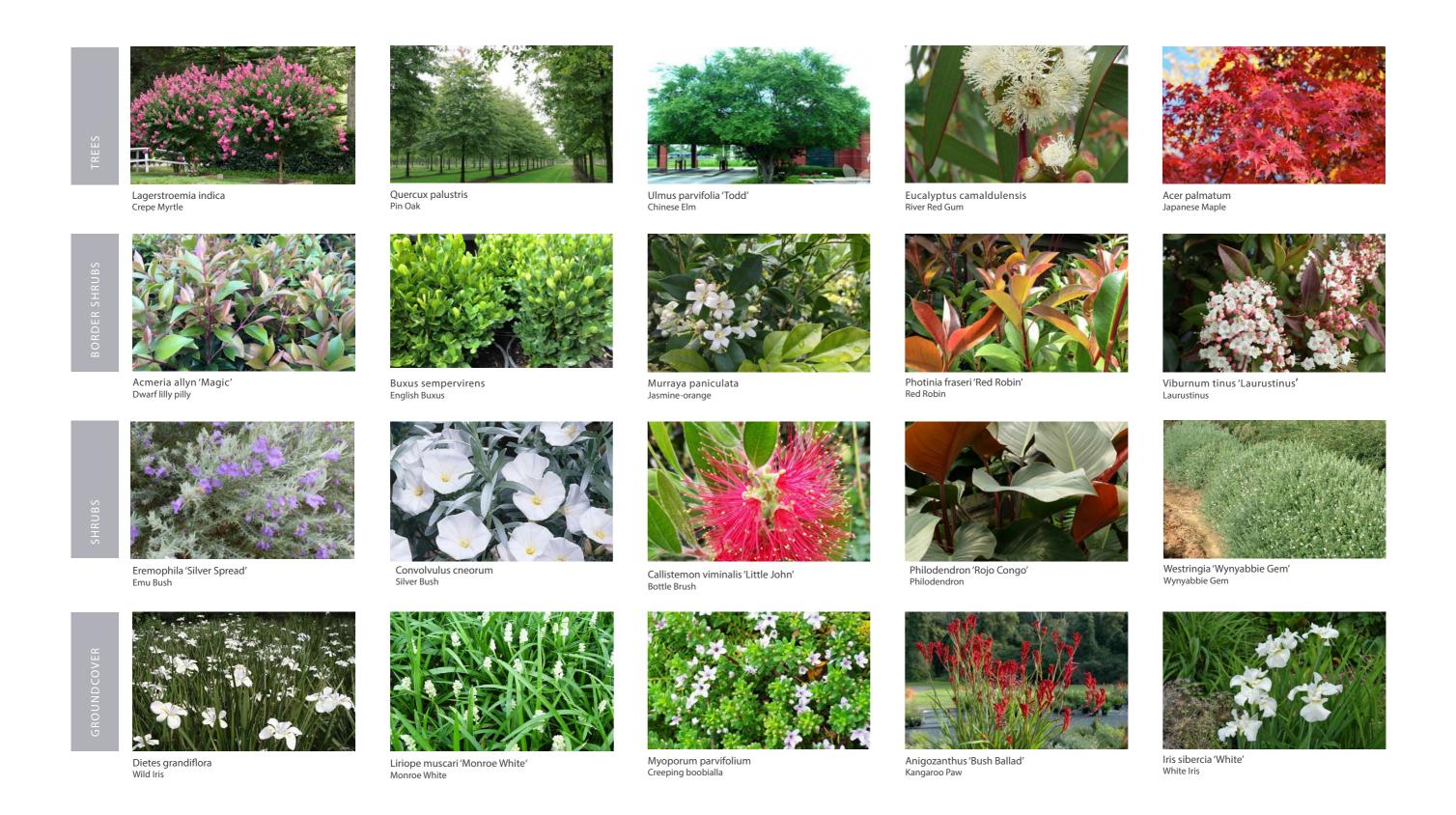
Length: 510mm | Width: 75mm | Height: 900mm



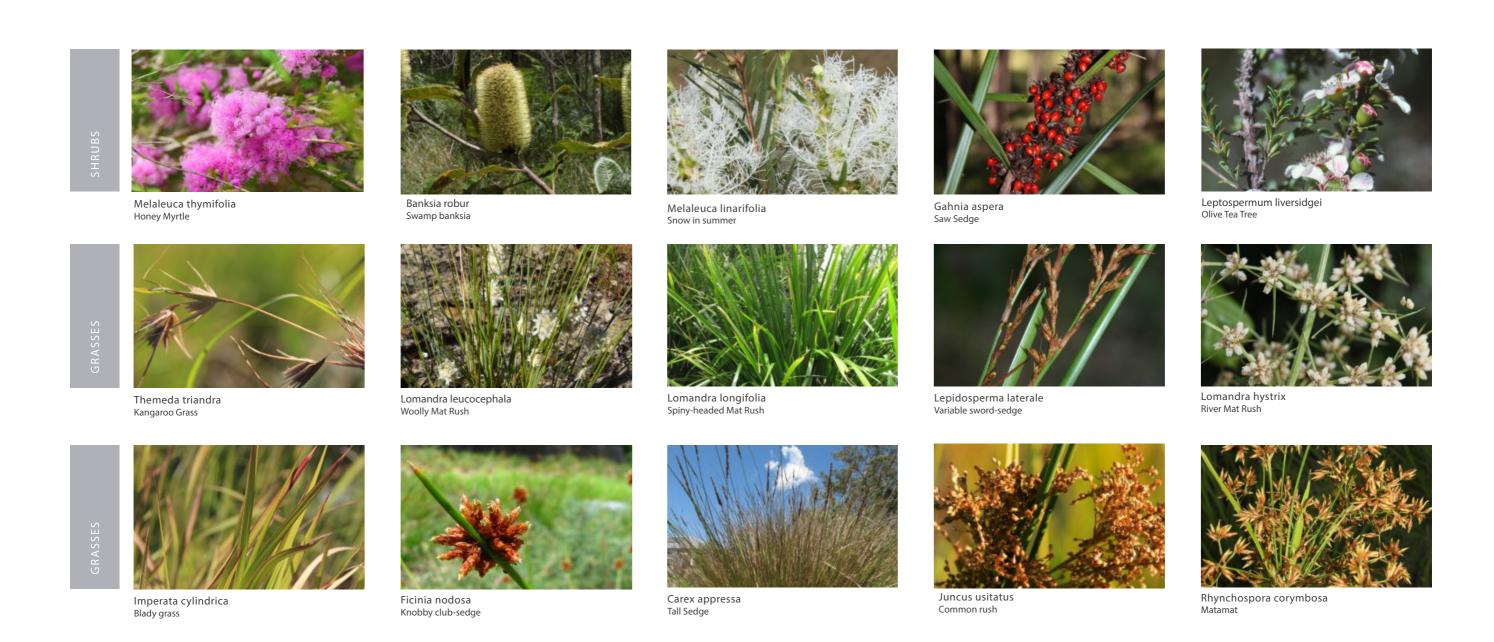
Image: Nagambie Brewery & Distillery.

The furniture suite uses natural timber with black steel fabrication, responding to materials found within the built form of High Street.





Raingardens need particular plants with roots that help keep the filter media absorbent, and break down the pollution. Only use plants that can grow in sandy soils and tolerate dry conditions for several weeks in between rains.



1: Lands	caping				
Item	Description	Unit	Qty	Rate	Amount
0	PRELIMINARIES				
A	Site establishment - Allowance to establish on site, site storage, briefing, accommodation and to remove landscape associated rubbish during works	item	1	\$10,000.00	\$10,0
	-			SUB TOTAL	\$10,0
1	SURFACE PREPARATION				
A	Rip and cultivate subgrade to a depth of 150mm to all planting areas	m2	600	\$1.00	\$6
В	Rip and cultivate subgrade to a depth of 150mm to all turfed areas	m2	2610	\$1.00 SUB TOTAL	\$2,6 \$3,2
				SUB TUTAL	\$ 3,2
2 A	TOPSOIL WORKS Import and spread imported topsoil underlay to planting areas only (minimum depth 300mm).	m3	90	\$85.00	\$7.
В	Import and spread imported topsoil underlay to plaining areas only (minimum depth 75mm).	m3	98	\$62.40	\$6,
				SUB TOTAL	\$13,7
3	SOFTSCAPE				
А	Rain Garden (approx. 5 x 2.5m area). Open garden with porous infill and macrophyte planting. Considerate of traffic control during construction. Supply and Installation including excavation - 100Ltr Trees - Aligning the existing Central Median	item.	1	\$20,000.00	\$20,0
В	Supply and installation including excavation - routil frees - Anything the existing certifial median including excavation - routil frees - Anything the existing certifial median work stakes (2 x 40 x 40mm) 1200mm above ground with hessian webbing stapled to stakes. (To central median updrade).	no.	305	\$280.00	\$85,4
	Supply and Installation including excavation - 100Ltr Trees - Proposed Verge extension adjacent to Jacobs			****	645
С	Lookout.Inclusive of timber stakes (2 x 40 x 40mm) 1200mm above ground with hessian webbing stapled to stakes. (To	no.	55	\$280.00	\$10,
C D	Lookout.inclusive of filmber stakes (2.X 40.X 40mm) 1200mm above ground with nessian webbing stapled to stakes. (10 central median updrade). Supply and Installation including excavation - 200mm Shrubs (1 per 1m2)	no. no.	55 820	\$280.00 \$18.00	
-	central median uporade).				\$15,- \$14,i \$66,6
D	central median uporade). Supply and Installation including excavation - 200mm Shrubs (1 per 1m2)	no.	820	\$18.00	\$14, \$66,
D E	central median uporade). Supply and Installation including excavation - 200mm Shrubs (1 per 1m2) Supply and Installation including excavation - 140mm Shrubs and Groundcovers (3 per 1m2)	no. no.	820 7400 330	\$18.00 \$9.00	\$14,7

Note: This schedule of quantities and items is provided for guidance only, subject to detail design. All central median street tree plantings to be confirmed in detailed design stage.

Streetscape Masterplan - Staging Plan.



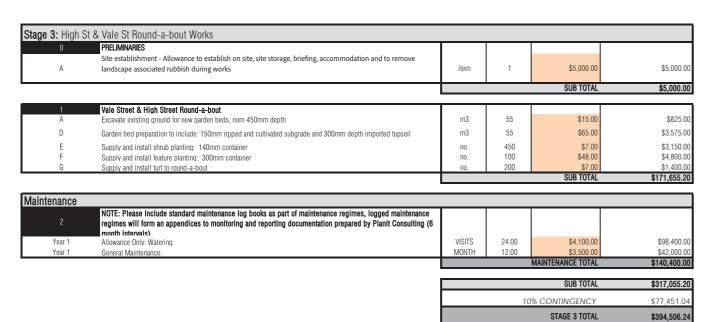
Item	Description	Unit	Qty	Rate	Amount
	Preliminaries				
	Site establishment - Allowance to establish on site, site storage, briefing, accommodation and to remove				
Α	landscape associated rubbish during works	item	1	\$10,000.00	\$10,00
				SUB TOTAL	\$10,00
	·			005 101/12	\$10,00
1	DEMOLITION				
Α	Break up and remove existing concrete pavement (100mm), non reinforced, by machine. Area: To the verges of High Street as shown on the Streetscape Masterplan.	m2	4800	\$110.00	\$528,00
В	Break up and remove existing concrete pavement (100mm), non reinforced, by machine. Area: To the median strip of High Street as shown on the Streetscape Masterplan.	m2	250	\$110.00	\$27,50
С	Remove and dispose existing old furniture: Old steel and timber picnic settings (5), concrete and timber bench seat (1), aluminum bench seats (4), Aluminum rubbish bins (6).	item.	1	\$12,000.00	\$12,00
	Remove and dispose existing garden beds.				
D	Area 1: Old garden beds with brick edging above Jacobs Look Out. Area 2: Old garden with timber sleepers located in central median, beneath mature river red gum.	item.	1	\$5,000.00	\$5,0
				SUB TOTAL	\$572,50
2	SURFACE PREPARATION				
A	Rip and cultivate subgrade to a depth of 150mm to all planting areas	m2	300	\$1.00	\$30
В	Rip and cultivate subgrade to a depth of 150mm to all turfed areas	m2	1305	\$1.00 SUB TOTAL	\$1,3 \$1,6 0
	·			SUD TUTAL	\$1,00
3	TOPSOIL WORKS				
А	Import and spread imported topsoil underlay to planting areas only (minimum depth 300mm).	m3	90	\$85.00	\$7,6
В	Import and spread imported topsoil underlay to turf areas only (minimum depth 75mm).	m3	98	\$62.40	\$6,1
				SUB TOTAL	\$13,76
4	SOFTSCAPE				
Α	Rain Garden (approx. 5 x 2.5m area). Open garden with porous infill and macrophyte planting, Considerate of traffic control during construction.	item.	1	\$20,000.00	\$20,0
	Supply and Installation including excavation - 100Ltr Trees - Aligning the existing Central Median	1	1		\$7,8
D	1 1 1 6 1 1 1 1 7 40 40 100 1000		20	¢200 00	
В	Inclusive of timber stakes (2 x 40 x 40mm) 1200mm above ground with hessian webbing stapled to stakes. (To central median upgrade).	no.	28	\$280.00	Ψ1,0
В	central median upgrade).	no.	28	\$280.00	\$1 ,0
	central median upgrade). Supply and Installation including excavation - 100Ltr Trees - Proposed Verge extension adjacent to Jacobs				
В	central median upgrade). Supply and Installation including excavation - 100Ltr Trees - Proposed Verge extension adjacent to Jacobs Lookout. Inclusive of timber stakes (2 x 40 x 40mm) 1200mm above ground with hessian webbing stapled to	no.	28 5	\$280.00 \$280.00	
С	central median upgrade). Supply and Installation including excavation - 100Ltr Trees - Proposed Verge extension adjacent to Jacobs Lookout. Inclusive of timber stakes (2 x 40 x 40mm) 1200mm above ground with hessian webbing stapled to stakes. (To central median upgrade).	no.	5	\$280.00	\$1,4
	central median upgrade). Supply and Installation including excavation - 100Ltr Trees - Proposed Verge extension adjacent to Jacobs Lookout. Inclusive of timber stakes (2 x 40 x 40mm) 1200mm above ground with hessian webbing stapled to				\$1,4
С	central median upgrade). Supply and Installation including excavation - 100Ltr Trees - Proposed Verge extension adjacent to Jacobs Lookout. Inclusive of timber stakes (2 x 40 x 40mm) 1200mm above ground with hessian webbing stapled to stakes. (To central median upgrade).	no.	5	\$280.00	
С	central median upgrade). Supply and Installation including excavation - 100Ltr Trees - Proposed Verge extension adjacent to Jacobs Lookout. Inclusive of timber stakes (2 x 40 x 40mm) 1200mm above ground with hessian webbing stapled to stakes. (To central median upgrade). Supply and Installation including excavation - 200mm Shrubs (1 per 1m2) Supply and Installation including excavation - 140mm Shrubs and Groundcovers (3 per 1m2)	no. no. no.	5 75 675	\$280.00 \$18.00 \$9.00	\$1,4 \$1,3 \$6,0
С	central median upgrade). Supply and Installation including excavation - 100Ltr Trees - Proposed Verge extension adjacent to Jacobs Lookout. Inclusive of timber stakes (2 x 40 x 40mm) 1200mm above ground with hessian webbing stapled to stakes. (To central median upgrade). Supply and Installation including excavation - 200mm Shrubs (1 per 1m2)	no. no.	5 75	\$280.00 \$18.00	\$1,3
С	central median upgrade). Supply and Installation including excavation - 100Ltr Trees - Proposed Verge extension adjacent to Jacobs Lookout. Inclusive of timber stakes (2 x 40 x 40mm) 1200mm above ground with hessian webbing stapled to stakes. (To central median upgrade). Supply and Installation including excavation - 200mm Shrubs (1 per 1m2) Supply and Installation including excavation - 140mm Shrubs and Groundcovers (3 per 1m2)	no. no. no.	5 75 675	\$280.00 \$18.00 \$9.00	\$1,4 \$1,3 \$6,0

5	HARDSCAPE WORKS				
А	Pavement Type 1: Supply and Install Concrete Footpath (125mm thickness). Location: High Street Verges. Finish: Coloured concrete with exposed aggregate. Refer to plans and material schedule for further information.	m2	5300	\$150.00	\$795,000.00
В*	Pavement Type 2: Supply and Install Concrete Footpath (125mm thickness). Location: Central Median. Finish: Coloured concrete with exposed aggregate. Refer to plans and material schedule for further information.	m2	550	\$150.00	\$82,500.00
				SUB TOTAL	\$877,500.00
6	FURNITURE/FIXINGS Exact quantities to be confirmed through detail design.				
А	Supply and install new Picnic Setting (1800mm table and seats).	no.	4	\$4,825.00	\$19,300.00
В	Supply and install new Bench Seats.	no.	8	\$2,120.00	\$16,960.00
С	Supply and install new Raised Planter Beds (Activated streetscape corners)	no.	11	\$2,500.00	\$27,500.00
D	Supply and install new Rubbish Bins.	no.	6	\$2,850.00	\$17,100.00
E	Supply and install new Drink Fountain (To central median upgrade).	no.	2	\$4,285.00	\$8,570.00
F	Supply and install new Bike Racks.	no.	2	\$2,000.00	\$4,000.00
G	Supply and install Bollard Lighting (To central median upgrade).	no.	20	\$3,100.00	\$62,000.00
Н	Supply and install pole Mounted Lighting. (To central median upgrade).	item.	20	\$5,200.00	\$104,000.00
1	Supply and install new in ground Up-lighting (To central median upgrade).	item.	20	\$3,840.00	\$76,800.00
J	Exterior projection lighting to water tank with external controller. Lighting to be capable of projecting textures, patterns and graphics. Projection lighting location on two sides of water tower. Indicative product: https://www.prolights.it/product/MOSAICOXL	no.	2	\$25,000.00	\$50,000.00
				SUB TOTAL	\$386,230.00
Maintenance					
7	NOTE: Please include standard maintenance log books as part of maintenance regimes, logged maintenance regimes will form an appendices to monitoring and reporting documentation prepared by Planit Consulting (6 month intervals)				
Year 1	Allowance Only: Watering Allowance for new clanting only @ 2 visits ner week for a total of 3 months. following Practical Completion. General Maintenance:	VISITS	24.00	\$4,100.00	\$98,400.00
Year 1	Allowance for 2 days (14 hours) for general spot spraying, per month.	MONTH	12.00	\$3,500.00	\$42,000.00
				MAINTENANCE TOTAL	\$140,400.00
				SUB TOTAL	\$2,049,864.20
			10	% CONTINGENCY	\$409 972 84

Note: This schedule of quantities and items is provided for guidance only, subject to detail design. All central median street tree plantings to be confirmed in detailed design stage.

Streetscape Masterplan - Staging Plan.





Stage 4: Ame	nities Block				
0 A	PRELIMINARIES Site establishment - Allowance to establish on site, site storage, briefing, accommodation and to remove landscape associated rubbish during works	item	1	\$5,000.00	\$5,000.00
			•	SUB TOTAL	\$5,000.00
1 A B	Amenities Block Remove and dispose existing toilet block located within median strip of High Street. New architecturally designed toilet amenity block (Male and female).	Allowance item.	1	\$80,000.00 \$400,000.00 SUB TOTAL	\$80,000.00 \$400,000.00 \$480,000.0 0
Exclusions				SUB TOTAL	\$485,000.0
Consultation with civil engineering to determine appropriate costings for roundabout works to Vale Street and High Street Roundabouts works Future landscape, engineering and artists consultation works to the Champion Walks Area Any additional restoration works to the war memorial and water tower No allowance for any consultant fees to design the amenities block and building certification		10% CONTINGENCY STAGE 4 TOTAL			\$137,000.00 \$622,000.0 0
No allowance for pre	No allowance for preliminaries including site establishment, HSEQ management, insurances and traffic control measures		TOTAL PROJECT COST (EXC. GST)		
or raised or upgrade Erosion and sedime Natspec certificatior Irrigation to all plant	nt control measures of tree stock ing and turfed areas tscape areas during construction and prior to practical completion				

Note: This schedule of quantities and items is provided for guidance only, subject to detail design. All central median street tree plantings to be confirmed in detailed design stage.

Streetscape Masterplan - Staging Plan.





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