



Munibung Road

- Existing street trees that require removal for the construction of the proposed intersection to be replaced as required.

Drainage Reserve

- Native grasses tolerant of periodic inundation to basins and surrounds.
- Locally occurring trees to reserve perimeters.

Main Street Planting

The main street will provide an avenue setting with feature along the commercial lot side and smaller trees along the residential lot side to welcome residents and visitors to the community.

- Provides a sense of direction on main street;
- Provides vegetation screening along the commercial and residential interface to soften building edges
- Tree species to cater to requirements of typical urban environments with seasonal shade and low maintenance;
- Unobstructed views from building frontages to maintain passive surveillance within public realm.
- Refer to section on sheet L08

Perimeter Planting

- Random groupings of locally occurring upper and mid storey trees with low grasses and groundcovers under.
- Refer to section on sheet L08.

Street Trees

BP	<i>Brachychiton populneus</i>	Kurrajong	75 L	As Shown
CV	<i>Callistemon viminalis</i>	Bottlebrush	75 L	As Shown
CS	<i>Corymbia 'Scentuous'</i>	Dwarf Lemon Scented Gum	75 L	As Shown
EE	<i>Elaeocarpus eumundi</i>	Quondong	75 L	As Shown
ER	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	75 L	As Shown
GF	<i>Glochidion ferdinandi</i>	Cheese Tree	75 L	As Shown
TL	<i>Tristaniopsis 'Luscious'</i>	Watergum	75 L	As Shown

Perimeter Trees

AC	<i>Angophora costata</i>	Smooth Barked Apple	25 L	As Shown
AF	<i>Acacia falcata</i>	Sickle Wattle	5 L	As Shown
AT	<i>Allocasuarina torulosa</i>	Forest She-Oak	5 L	As Shown
CM	<i>Callistemon viminalis</i>	Bottlebrush	5 L	As Shown
EP	<i>Eucalyptus punctata</i>	Spotted Gum	25 L	As Shown
		Grey Gum	25 L	As Shown

Perimeter Understorey

<i>Banksia spinulosa</i>	Hairpin Banksia	2.5 L	1/m ²
<i>Carex appressa</i>	Tall Sedge	50mm Tube	4/m ²
<i>Dianella caerulea</i>	Flax Lilly	50mm Tube	4/m ²
<i>Doryanthes excelsa</i>	Gynea Lilly	5 L	1/m ²
<i>Hardenbergia violacea</i>	False Sarsparilla	50mm Tube	2/m ²
<i>Lomandra longifolia</i>	Mat Rush	50mm Tube	4/m ²
<i>Themeda australis</i>	Kangaroo Grass	50mm Tube	4/m ²

Detention Basin Planting

<i>Allocasuarina torulosa</i>	Forest She-Oak	25 L	As Shown
<i>Corymbia gummifera</i>	Red Bloodwood	25 L	As Shown
<i>Corymbia maculata</i>	Spotted Gum	25 L	As Shown
<i>Glochidion ferdinandi</i>	Cheese Tree	25 L	As Shown
<i>Melaleuca styphelioides</i>	Prickly Leaved Paperbark	25 L	As Shown
<i>Carex appressa</i>	Tussock Sedge	Tubestock	4/m ²
<i>Carex fascicularis</i>	Sedge	Tubestock	4/m ²
<i>Cyperus exultatus</i>	Umbrella Sedge	Tubestock	4/m ²
<i>Dianella caerulea</i>	Flax Lilly	Tubestock	4/m ²
<i>Lomandra longifolia</i>	Mat Rush	Tubestock	4/m ²

Turf

<i>Cynodon dactylon</i>	Couch	Rolls
-------------------------	-------	-------

Perimeter Planting

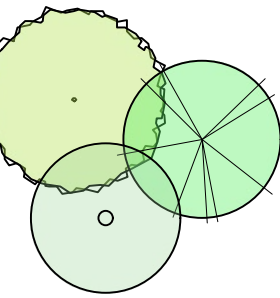
- Random groupings of locally occurring trees with low grasses and groundcovers under.
- Refer to section on sheet L09.

Revisions			Revisions		
Issue	Details	Date	Issue	Details	Date
A	DA Issue	18.09.20			
B	Revised DA Issue	20.11.20			
C	Revised DA Issue	27.11.20			
D	Revised DA Issue	04.10.23			




Matchline: see Sheet 04 for continuation


PLANTING LEGEND
Refer to Planting Schedule, Sheet L02



Proposed trees



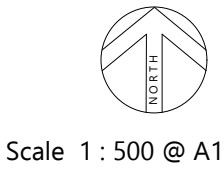
Native Grasses and Groundcovers



Turf - Couch



EMM Consulting Pty Ltd
Level 3, 175 Scott Street, Newcastle NSW 2300
p: 02 4907 4800
e: info@emmconsulting.com.au
emmconsulting.com.au



Revisions			Revisions		
Issue	Details	Date	Issue	Details	Date
A	DA Issue	18.09.20			
B	Revised DA Issue	20.11.20			
C	Revised DA Issue	27.11.20			
D	Revised DA Issue	04.10.23			

Project:
Weemala at the Lake - North

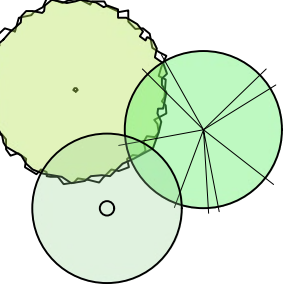
Client:
Green Capital Australia Pty Ltd

Title:
Landscape Plan


Site: Main Road, Boolaroo
Date: 04 October 2023
Job No: E220893
Revision: Sheet:

PLANTING LEGEND

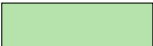
Refer to Planting Schedule, Sheet L02



Proposed trees



Native Grasses and Groundcovers



Turf - Couch

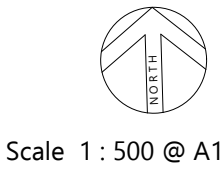
Matchline: see Sheet 03 for continuation



Matchline: see Sheet 05 for continuation



EMM Consulting Pty Ltd
Level 3, 175 Scott Street, Newcastle NSW 2300
p: 02 4907 4800
e: info@emmconsulting.com.au
emmconsulting.com.au



Revisions			Revisions		
Issue	Details	Date	Issue	Details	Date
A	DA Issue	18.09.20			
B	Revised DA Issue	20.11.20			
C	Revised DA Issue	27.11.20			
D	Revised DA Issue	04.10.23			

Project:
Weemala at the Lake - North

Client:
Green Capital Australia Pty Ltd

Title:
Landscape Plan

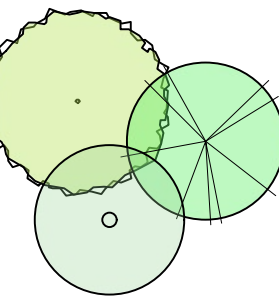
Site: Main Road, Boolaroo
Date: 04 October 2023
Job No: E220893
Revision: Sheet:

Matchline: see Sheet 04 for continuation




Matchline: see Sheet 06 for continuation

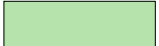
PLANTING LEGEND
Refer to Planting Schedule, Sheet L02



Proposed trees



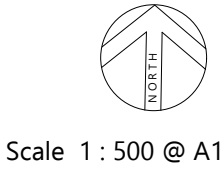
Native Grasses and Groundcovers



Turf - Couch



EMM Consulting Pty Ltd
Level 3, 175 Scott Street, Newcastle NSW 2300
p: 02 4907 4800
e: info@emmconsulting.com.au
emmconsulting.com.au



Revisions			Revisions		
Issue	Details	Date	Issue	Details	Date
A	DA Issue	18.09.20			
B	Revised DA Issue	20.11.20			
C	Revised DA Issue	27.11.20			
D	Revised DA Issue	04.10.23			

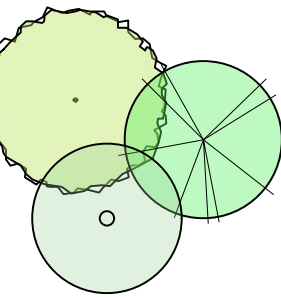
Project:
Weemala at the Lake - North

Client:
Green Capital Australia Pty Ltd

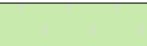
Title:
Landscape Plan

Site: Main Road, Boolaroo
Date: 04 October 2023
Job No: E220893
Revision: Sheet:


PLANTING LEGEND
Refer to Planting Schedule, Sheet L02



Proposed trees



Native Grasses and Groundcovers



Turf - Couch

Matchline: see Sheet 05 for continuation

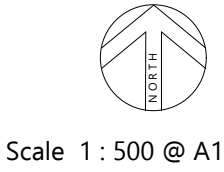


Matchline: see Sheet 07 for continuation

Matchline: see Sheet 06 for continuation



EMM Consulting Pty Ltd
Level 3, 175 Scott Street, Newcastle NSW 2300
p: 02 4907 4800
e: info@emmconsulting.com.au
emmconsulting.com.au



Revisions			Revisions		
Issue	Details	Date	Issue	Details	Date
A	DA Issue	18.09.20			
B	Revised DA Issue	20.11.20			
C	Revised DA Issue	27.11.20			
D	Revised DA Issue	04.10.23			

Project:
Weemala at the Lake - North

Client:
Green Capital Australia Pty Ltd

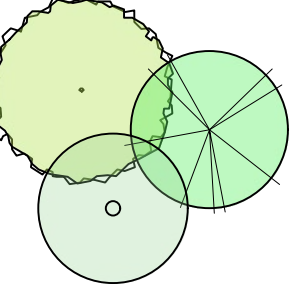
Title:
Landscape Plan

Site: Main Road, Boolaroo
Date: 04 October 2023
Job No: E220893
Revision: Sheet:


Matchline: see Sheet 06 for continuation



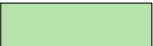
PLANTING LEGEND
Refer to Planting Schedule, Sheet L02



Proposed trees



Native Grasses and Groundcovers




Turf - Couch

Matchline: see Sheet 08 for continuation



EMM Consulting Pty Ltd
Level 3, 175 Scott Street, Newcastle NSW 2300
p: 02 4907 4800
e: info@emmconsulting.com.au
emmconsulting.com.au


Scale 1 : 5000 @ A1

Revisions			Revisions		
Issue	Details	Date	Issue	Details	Date
A	DA Issue	18.09.20			
B	Revised DA Issue	20.11.20			
C	Revised DA Issue	27.11.20			
D	Revised DA Issue	04.10.23			

Project:
Weemala at the Lake - North

Client:
Green Capital Australia Pty Ltd

Title:
Landscape Plan

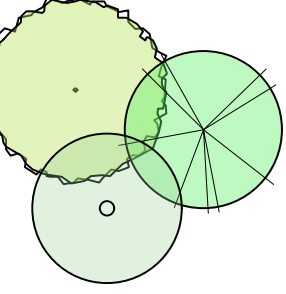
Site: Main Road, Boolaroo
Date: 04 October 2023
Job No: E220893
Revision: Sheet:

Matchline: see Sheet 06 for continuation


Matchline: see Sheet 07 for continuation



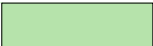
PLANTING LEGEND
Refer to Planting Schedule, Sheet L02



Proposed trees



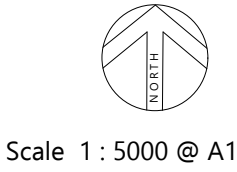
Native Grasses and Groundcovers



Turf - Couch



EMM Consulting Pty Ltd
Level 3, 175 Scott Street, Newcastle NSW 2300
p: 02 4907 4800
e: info@emmconsulting.com.au
emmconsulting.com.au



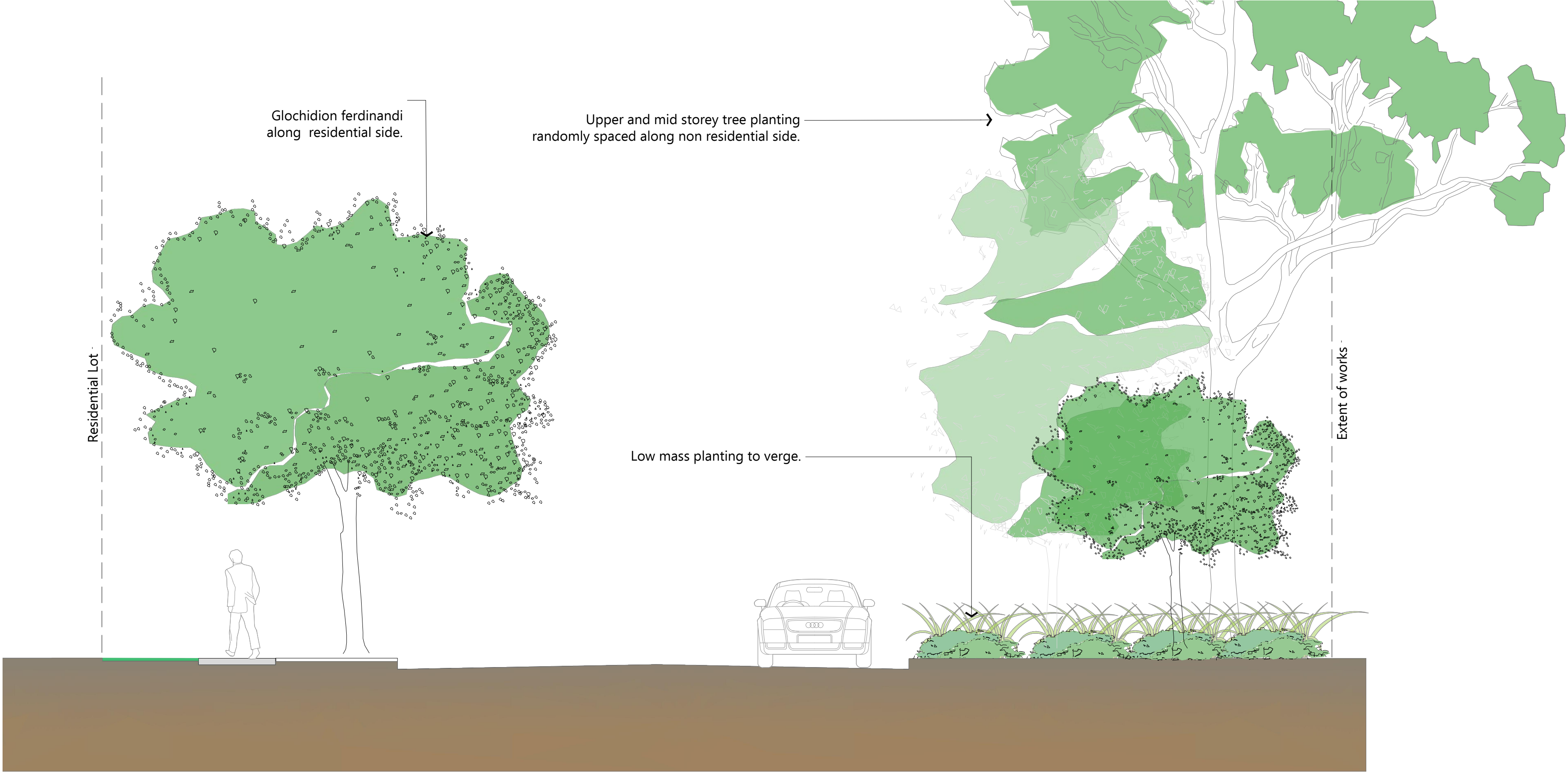
Revisions			Revisions		
Issue	Details	Date	Issue	Details	Date
A	DA Issue	18.09.20			
B	Revised DA Issue	20.11.20			
C	Revised DA Issue	27.11.20			
D	Revised DA Issue	04.10.23			

Project:
Weemala at the Lake - North

Client:
Green Capital Australia Pty Ltd

Title:
Landscape Plan

Site: Main Road, Boolaroo
Date: 04 October 2023
Job No: E220893
Revision: Sheet:



Perimeter Road Treatment (Road 12)
Section
Scale 1:50



Entry Road Treatment (Fotheringham Road)
Section
Scale 1:50



EMM Consulting Pty Ltd
Level 3, 175 Scott Street, Newcastle NSW 2300
p: 02 4907 4800
e: info@emmconsulting.com.au
emmconsulting.com.au

Revisions			Revisions		
Issue	Details	Date	Issue	Details	Date
A	DA Issue	18.09.20			
B	Revised DA Issue	20.11.20			
C	Revised DA Issue	27.11.20			
D	Revised DA Issue	04.10.23			

Project:
Weemala at the Lake - North

Client:
Green Capital Australia Pty Ltd

Title:
Sections

Site: Main Road, Boolaroo
Date: 04 October 2023
Job No: E220893
Revision: Sheet:

4.0 LANDSCAPE MAINTENANCE

4.1 MAINTENANCE BEFORE PRACTICAL COMPLETION

Before Practical Completion of the works is achieved and the Maintenance Period commences, all works must be maintained by the Contractor in accordance with the Maintenance Specification. No additional payment will be made for this work.

4.2 PERIOD

The Plant Establishment Period begins at the date of Practical Completion. The duration of the establishment period is 52 weeks.

4.3 SCOPE

Prior to commencement of the Maintenance Period and in liaison with the Superintendent, the Contractor must prepare for agreement a maintenance program. This program must detail the timing and frequency of maintenance works in accordance with this Technical Specification.

The Contractor must maintain the whole of the works performed under the Contract for the specified Maintenance Period following the Date of Practical Completion. Maintenance of the works must include at least weekly visits but visits should be made more frequently if needed to attain required intervention levels and must also include the following:

topping up of mulch areas;

- replanting;
- weed control;
- watering;
- mowing of nature strips as required and / or if instructed;
- mowing of grassed areas as required and / or if instructed;;
- pest and disease control;
- pruning and plant re-location;
- checking, firming and securing plant stakes, and removal prior to final completion;
- litter removal including emptying of litter bins;
- reinstating edges as required;
- repair of any damaged concrete edges.

Joint inspections of all planted areas with the Contractor and Superintendent as a minimum, must be carried out after the completion of the works, at monthly intervals and at the completion of the Maintenance / Establishment Period or as otherwise agreed.

Any remedial works must be performed within two weeks of the date of inspection except where otherwise approved by the Superintendent or specified in this Technical Specification. All waste material must be removed from the site as soon as practicable.

4.4 EXECUTION OF WORKS

The works must be maintained as follows.

Replanting

Any plants that die or do not show satisfactory growth within the Maintenance Period for any reason other than vandalism, theft or fire must be replaced and replanted by the Contractor and at its cost. Replacement is to occur immediately subject to the next paragraph and irrespective of numbers of any unsatisfactory plants.

Replanting is not to be undertaken during November, December, January and February unless approved by the Superintendent.

Replanting must not take place during extreme weather conditions, such high winds, immediately before or during frosts and high temperatures. Replacement plants must be approved by the Superintendent before use.

All plants are required to show signs of healthy growth at the completion of the Maintenance Period.

Weed Control

All planted, mulched, grassed, paved and other open space areas within the scope of works must be maintained in a weed-free state. Weeding must take place weekly or when weed growth affects 5 per cent of the total garden area.

Watering

All plants must be watered to ensure healthy and vigorous growth by applying an appropriate amount of water to the surrounding soil.

Mature trees must be watered in accordance with the following table. Watering rates may be reduced during plant dormancy periods and following site establishment.

Container Size	Tree Height	Average Trunk Diameter	Litres of water/week
15-20 litres	1.5-2.0m	30mm	5
40-50 litres	2.1-3.0m	50mm	8
75-100 litres	3.1-4.0m	75mm	12

All watering is to be undertaken in accordance with the requirements of the

relevant water authority.

Watering frequency must be at the specified intervals outlined in the table below.

		Season	
Summer	Winter	Autumn	Spring
Frequency of watering			
Weekly	Monthly	Fortnightly	Fortnightly

Joint inspections of all planted areas with the Contractor and Superintendent as a minimum, must be carried out after the completion of the works, at monthly intervals and at the completion of the Maintenance / Establishment Period or as otherwise agreed.

Any remedial works must be performed within two weeks of the date of inspection except where otherwise approved by the Superintendent or specified in this Technical Specification. All waste material must be removed from the site as soon as practicable.

Stakes

Stakes must remain firm and intact throughout the Maintenance / Defects Liability Periods. Defective items must be replaced within two weeks of the defect being identified.

Pest and Disease Control

All plants must be maintained free of insect infestation and plant disease.

Mulching for Garden Areas

All mulched areas must be maintained at a minimum depth of 75 mm and to the finished surface levels shown on the Drawings.

Pruning and plant re-location

The Contractor must prune trees and shrubs to remove damaged branches and encourage appropriate growth habit.

All other plants must be kept in tidy conditions.

The Contractor must ensure that plants branches or leafs do not obstruct paths and roads and that the plants are located outside the clear zones with the required off-sets to paths and roads as shown on the drawings.

Plants that are planted within or obstruct the clear zone must be moved and re-planted in an appropriate location as agreed to by the Superintendent or pruned appropriately.

Litter Removal

The Contractor is responsible for litter removal during the Maintenance Period. General litter (for example paper, bags, bottles and cans) must be removed from garden beds and areas of grass maintained under the Contract.

Contractor must empty litter bins during the maintenance period.

The Contractor is responsible for litter removal during the Maintenance Period. General litter (for example paper, bags, bottles and cans) must be removed from garden beds and areas of grass maintained under the Contract.

Reinstating Edges

The Contractor is responsible for reinstatement of edges during the Maintenance Period.

Drainage

The Contractor must ensure drainage pits and all other infrastructure are clear of debris. Inspections must occur at least monthly.

Repair Edges

The Contractor will be responsible for maintaining all edges constructed under this contract. All elements must be kept in a neat, tidy, safe and useable condition. Maintenance works must include (but are not necessarily limited to) the following.

- Routine inspection of all edges. Any major defects must be reported immediately to the Superintendent and securely fenced up.
- If an inspection identifies any hazard to public safety which cannot be rectified immediately as routine maintenance the Contractor must make the area safe and report immediately the hazard to the Superintendent.
- Repair of damages deemed to be of minor nature by the Superintendent may be held off until deemed suitable by the Superintendent.



EMM Consulting Pty Ltd
Level 3, 175 Scott Street, Newcastle NSW 2300
p: 02 4907 4800
e: info@emmconsulting.com.au
emmconsulting.com.au

Revisions			Revisions		
Issue	Details	Date	Issue	Details	Date
A	DA Issue	18.09.20			
B	Revised DA Issue	20.11.20			
C	Revised DA Issue	27.11.20			
D	Revised DA Issue	04.10.23			

Project:
Weemala at the Lake - North

Client:
Green Capital Australia Pty Ltd

Title:
Maintenance Specification

Site: Main Road, Boolaroo
Date: 04 October 2023
Job No: E220893
Revision: Sheet: