



**INSTALLATION CERTIFICATE**

*Landscape*

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**Site Details:**

Project Name. Kent Road  
Public  
School

Level/Unit no. N/A Street no. / 126 Kent Road  
Street name:

Suburb: Marsfield State: **NSW** Postcode: 2122

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**Description of Work:**

Alteration and additions to Kent Road Public School comprising:

- site preparation
- construction of three new two to three storey buildings to allow for increase student population from 750 to 1000, containing:
  - o 34 homebase spaces;
  - o canteen;
  - o administration facilities;
  - o staff facilities; and
  - o special program/counselling rooms.
- Construction of a new Covered Outdoor Learning Area (COLA);
- reconfiguration of car pick-up/drop-off arrangements on Kent Road;
- landscaping, tree removal and fencing.
- Architectural design, specification and inspections associated with the new facilities

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**Development Consent:**

SSDA No.	SSD 9344	Consent authority:	Minister for Planning and public spaces
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Pursuant to the provisions of the Environment Planning and Assessment Regulations 2000 and Clause A2.2 of the Building Code of Australia:

I, Ian Jackson of iScape Landscape Architecture hereby certify that:

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a) The Landscape development achieves the design quality of the development as shown in the plans and specifications in respect of which the Construction Certificate was issued, having regard to the design quality principles set out in Part 2 of State Environmental Planning Policy No 65—Design Quality of Residential Flat Development.

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b) The Landscape has been completed in accordance with the SSDA approved plans, subsequent Section 4.55 approval, and schedule of planting

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c) The development has been completed in accordance with the approved Landscape plans and specifications.

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d) The Landscape Management plan has been prepared in accordance with SSD 9344 Condition D29.

The Landscape Management plan has been prepared to manage the revegetation and landscaping works on-site, to the satisfaction of the Certifying Authority. The Landscape management plan includes the following:

- a) details the species planted on-site
- b) describes the monitoring and maintenance measures to manage revegetation and landscaping works;
- c) is consistent with the Applicant's Management and Mitigation measures in the Urban Ethos, Environmental Impact Statement, dated: 01 November 2018 - 218552

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Exclusions: ~~Yes~~/No



# **Landscape Management Plan**

**Kent Road Public School  
Herring Road, Marsfield**

**January 2021**

**SSDA 9344**

## 1. INTRODUCTION

This report has been prepared to provide landscape management guidelines for Kent Road Public School.

This report is to be read in conjunction with the following plans:

- Landscape Plan Dwg No. 80.20(18)/200'B'
- Details Dwg No. 80.20(18)/201'A'

## 2. MANAGEMENT

The plans have been prepared to provide guidelines for the ongoing management of the revegetation and landscaping works-on-site.

All elements will be durable and hardwearing to ensure longevity and also to minimise the potential for vandalism. The design has taken into consideration long-term maintenance with the selection of drought and frost tolerant and hardy plant species.

### 2.1 Management Plan

The following management plan has been established to ensure the rapid establishment and long-term success of the landscape works:

- Enforcement of a twelve month maintenance period following the construction works to ensure successful establishment prior to handover to Kent Road Public School (refer below)

### 2.2 Specified Plant Species

All plants in this schedule have been selected from locally occurring 'Blue Gum High Forest', 'Turpentine Ironbark Forest' & 'Shale-sandstone Transitional Forest' plant communities as shown on the landscape plan dwg no. 80.20(18)/200'B'.

- *Acmena smithii* (Lilly Pilly)
- *Banksia spinulosa* (Hairpin Banksia)
- *Backhousia myrtifolia* (Grey Myrtle)
- *Clematis aristata* (Old Man's Bread)
- *Doodia aspera* (Rasp Fern)
- *Dianella caerulea* (Paroo Lily)
- *Elaeocarpus reticulatus* (Blueberry Ash)
- *Goodenia hederacea* (Ivy Goodenia)
- *Glochidion ferdinandi* (Cheese Tree)
- *Hardenbergia violacea* (Native Sarsparilla)
- *Lomandra longifolia* (Spiny Matt Rush)
- *Melaleuca decora* (White Feather Honey myrtle)
- *Poa sieberiana* (Tussock-Grass)
- *Syncarpia glomulifera* (Turpentine)
- *Themeda australis* (Kangaroo Grass)

### 3. MAINTENANCE TASKS

To ensure the rapid establishment and long-term success of the landscape works the contractor shall undertake a twelve-month maintenance period. Below are guidelines as to how to carry out the proposed maintenance tasks and following that is a schedule as to the frequency to undertake these tasks.

#### 3.1 Maintenance of Trees and Shrubs

Pruning of trees and shrubs will be required during spring and summer and may only be necessary on a spot basis for the remainder of the season. Pruning should reflect the natural growth, flowering and regrowth of the species to maintain the character and design. Generally prune plants after flowering. Also refer to the specific schedules on the following pages for pruning intervals.

Trees are to be pruned to eliminate diseased or damaged growth, avoid inter-branch contact and thin out crowns to achieve natural growth.

Tip pruning (the removal of the top 25mm or growing tip) of each branch should be used with shrubs and groundcovers to encourage development of new shoots during the active growing season. Ensure no bud heads are removed before the flowering season. Generally, pruning should reflect natural growth patterns.

The removal of large branches from trees because of damage or for aesthetic reasons should be carried out by a suitably qualified arborist. The contractor shall notify School of any requirements for tree surgery within the twelve-month maintenance period.

#### 3.2 Watering

Watering shall be carried out so as to maintain the best possible condition and growth rates for the establishment of the plants. Consideration is to be given to the individual requirements of the plant types, infiltration rates of the soil, seasons, evaporation and rainfall. Also refer to the specific schedules on the following pages for pruning intervals.

#### 3.3 Weeding

Remove all weed growth and re-occurring weed growth by hand or spray with an approved non-residual herbicide such as **Roundup Biactive**. Care should be taken to protect all trees and shrubs from overspray and to avoid spraying if rain is likely to occur in a 12-hour period.

#### 3.4 Staking and Tying

Stakes and ties used to support plants as originally specified are to be inspected as scheduled. Replace any broken or damaged stakes and ties as required. Stakes should be removed when a plant as reached a self-supporting stage.

#### 3.5 Plant Replacements

All plants that appear to have died (lost more than 50% of their normal foliage cover) shall be replaced with the same species and variety as the plant to be replaced with the closest commercial available size.

Generally plant material shall be uniformly high quality stock. Plants shall be representative of optimal growth for the species at the given container size. Plants shall not exhibit signs of having been stressed at any stage during their development. Plants shall be healthy and free from pests and diseases.

### **3.6 Mulching**

Mulch cover is to be topped up as scheduled below to maintain a 100mm cover. Mulch is to match existing on site, 25mm fresh hardwood chips such as Eucalyptus Mulch from Australian Native Landscapes or equal. Mulch to comply with AS 4454-2003: Composts, soil conditioners and mulches. Ensure 100mm layer of leaf chip mulch over the surface of all garden beds. Care shall be taken not to mix soil and mulch together.

### **3.7 Pest and Disease Control**

The maintenance contractor shall be responsible for the control of any pests and diseases that may affect the plants. If artificial chemical control is necessary, it is recommended that only pesticides and fungicides registered with the Department of Agriculture be used. Check plants for disease when doing plant, stake and tie checks as scheduled and take any action as deemed required to ensure optimal health and establishment of trees and plants.

### **3.8 Rubbish Removal**

Any bottles, paper, cigarette butts, etc, shall be removed by hand from site. This work is to be completed on an ongoing basis throughout the two-year maintenance period to ensure the site is generally free from rubbish at all times.

Leaf litter is to be removed from all paved and safety surface areas and removed from site. Leaf litter is to be removed at no greater than two-week intervals during autumn when deciduous trees are dropping their leaves.

### **3.9 Paving and Safety Surfaces**

Ensure paved areas are generally free from rubbish and debris at all times. Weeds and grasses in paved areas are to be sprayed as required.

### **3.10 Drainage**

Drainage pits are to be regularly checked and cleared of any mulch, debris or foreign objects.

### **3.11 Mowing**

For most lawn areas the turf is to be maintained between 25 and 35mm, heavy wear areas or heavy shaded areas are to be maintained up to 50mm. Refer to schedules below for mowing frequencies. Grass cuttings are to be picked up and removed from site.

The grass is to be uniform without ridging, scalping, or the leaving of windrows. The lawn is to be in a uniform consistency on completion of mowing operations. Where lawns adjoin pathways and paved areas, edges are to be neatly trimmed in line with the paving.

## 4. MAINTENANCE PROGRAM SCHEDULES

### 4.1 Maintenance Program 1-3months

- Number of site visits per week: 1<sup>st</sup> month = 4 visits per week  
2<sup>nd</sup> – 3<sup>rd</sup> month = 2 visits per week
- Watering of plants on a regular basis equating to four times per week for the first month, and twice per week for the next two months (depending on weather conditions).
- Mowing of turfed areas every two weeks from October to March and every month from April to September (depending on when the maintenance period occurs)
- Checking of plants, stakes and ties every month
- Spraying/removal of weeds every month
- Replacement of failed plants at the end of three months
- Pruning plants after three months
- Replacement of any failed or faulty constructed items in accordance with a twelve month defects liability period as set out in the construction contract
- Regularly check the health of existing trees to ensure they present no hazard
- Removal of litter once per week

## 4.2 Maintenance Program 4-12months

- Number of site visits per week: 1 visit per week
- Watering of plants only if required due to extreme weather conditions or to ensure the success of plants slow to establish. New planting is to be watered in accordance with the 1-3 month maintenance program.
- Re-application of water crystals around plants after 6 months and after 12 months
- Mowing of turfed areas every two weeks from October to March and every month from April to September (depending on when the maintenance period occurs)
- Checking of plants, stakes and ties once a month
- Spraying/removal of weeds once a month
- Replacement of failed plants at the end of six months and at the end of twelve months
- Pruning plants (where applicable) at six, nine and twelve months
- Analysing soil after 12 months and applying fertiliser in accordance with the recommendations of the soil analysis
- Topping up of mulch at the end of six months and at the end of twelve months to maintain a 100mm cover
- Replacement of any failed or faulty constructed items in accordance with a twelve month defects liability period as set out in the construction contract
- Regularly check the health of existing trees to ensure they present no hazard
- Removal of litter once per week




### **4.3 Recommended Maintenance Program Ongoing**

- Number of site visits per week: to be determined by school (recommended 1 visit per week)
- Watering of plants only if required due to extreme weather conditions. New planting is to be watered in accordance with the 1-3 month maintenance program
- Re-application of water crystals around plants every 6 months
- Mowing of turfed areas every two weeks from October to March and every month from April to September
- Checking of plants, stakes and ties once a month. Remove once plants are self-supporting.
- Spraying/removal of weeds once a month
- Replacement of failed plants every 6 months
- Pruning plants (where applicable) every 3 months
- Analysing soil ever 12 months and applying fertiliser in accordance with the recommendations of the soil analysis
- Topping up of mulch every 6 months to maintain a 100mm cover
- Report to school any failed or faulty constructed items.
- Regularly check the health of existing trees to ensure they present no hazard
- Removal of litter each visit



I also certify that I am an appropriately qualified and competent person practicing in the relevant area of work. I have recognized relevant experience in the area of work being certified. I am / my employer is holding appropriate current professional indemnity insurance to the satisfaction of the building owner or the principal authorizing the work being certified.

<i>Name:</i>	<i>Ian Jackson</i>	<i>Qualification / Accreditation No.:</i>	<i>Bachelor of Landscape Architecture 487</i>
<i>Company Name:</i>	<i>iScape Landscape Architecture</i>	<i>ACN No:</i>	<i>097 328 580</i>
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<i>Signature:</i>		<i>Position Title:</i>	<i>Director</i>
		<i>Date:</i>	<i>14/01/21</i>