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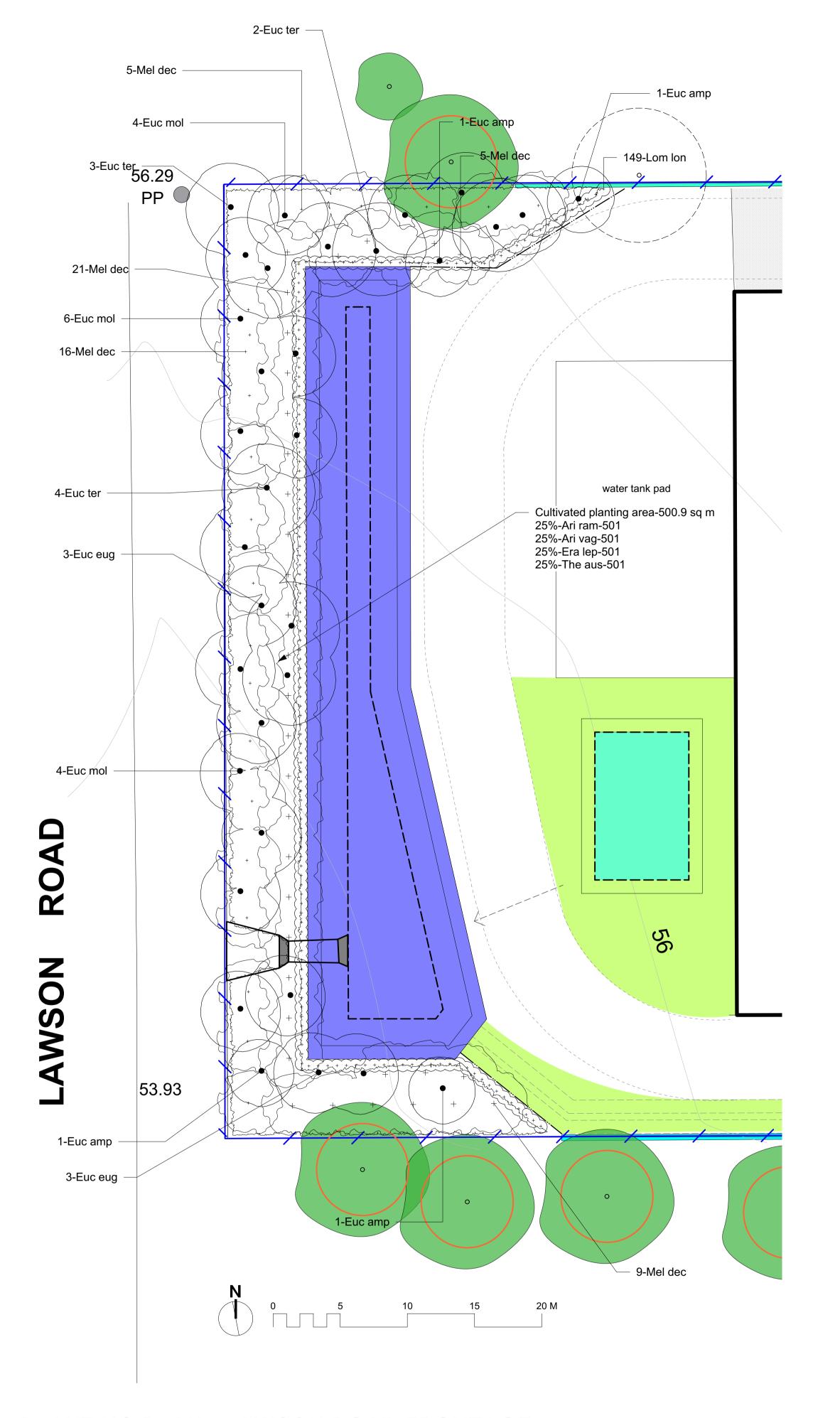
F 21 Feb 2019 Fence and gates amended. G 28 Feb 2019 Acoustic comments included J 16Mar 2020 Mounds added to street frontages

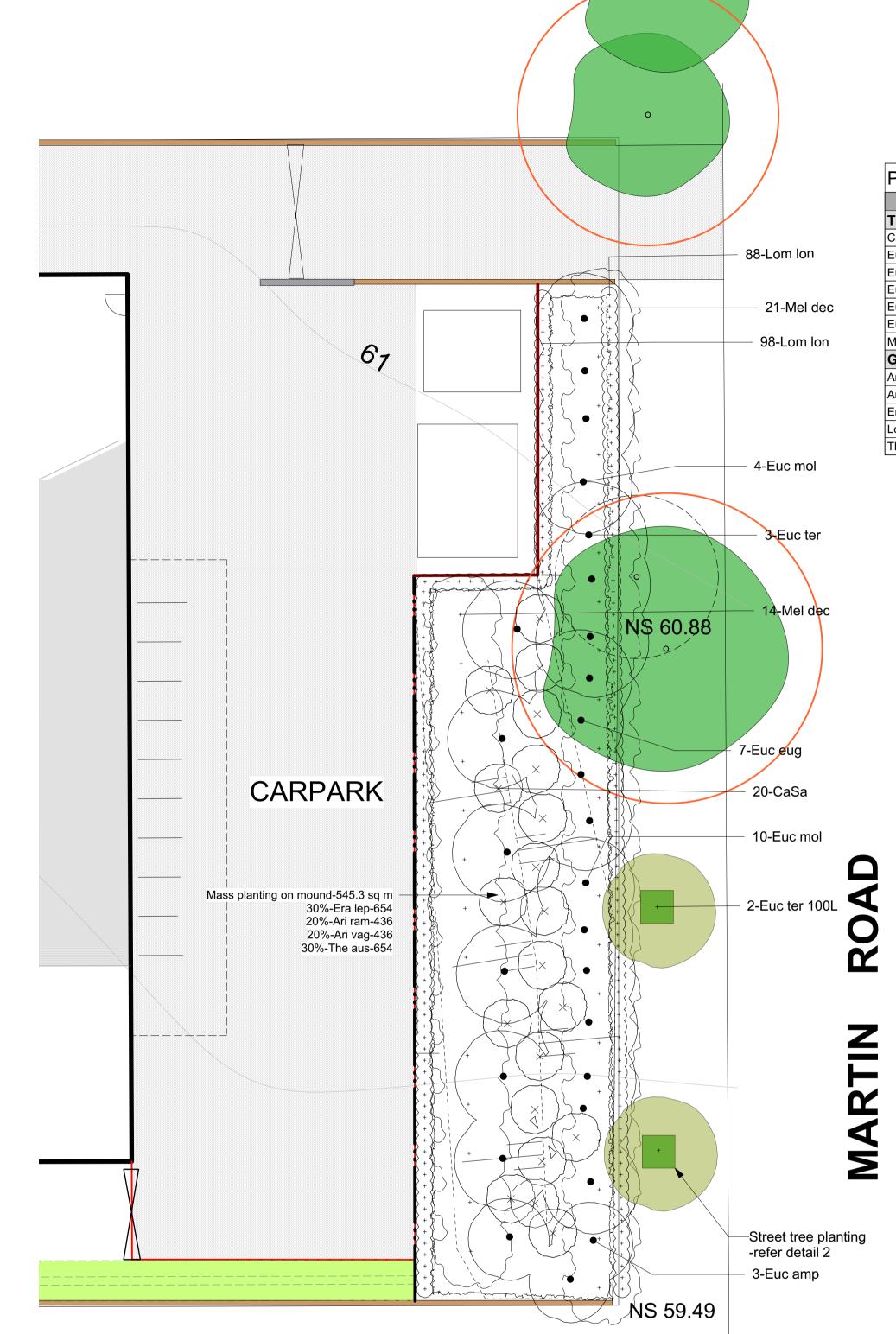
LANDSCAPE ARCHITECT HLS Pty Limited

Lindy Lean - Landscape Architect PO Box 313 Ashfield NSW 1800 phone 02 9797 9366 fax 9716 6034

Resource Recovery Facility 25 Martin Road Badgerys Creek Lot 1 DP 611519

Landscape Plan					
<b>1:500</b> @A1	16 March 2020	job no 09129	Issue <b>J</b>	L 01	





		T	T		
Plant Lis	t				
ID Qty		Common Name	<b>Botanical Name</b>	Scheduled Size	
Trees					
CaSa	20	Willow Botlebrush	Callistemon salignus		
Euc amp	7	Cabbage Gum	Eucalyptus amplifolia	25 litre	
Euc eug	13	Thin-leaved Sringybark	Eucalyptus eugenioides	25 litre	
Euc mol	28	Grey Box	Eucalyptus moluccana	25 litre	
Euc ter	12	Forest Red Gum	Eucalyptus tereticornis	25 litre	
Euc ter 100L	2	Forest Red Gum	Eucalyptus tereticornis 100Litre	100 litre	
Mel dec	172 White Feather Honeymyrtle Melaleuca decora		Melaleuca decora	25 litre	
Grasses					
Ari ram	937	Purple Wiregrass, Wiregrass	Aristida ramosa	Tube	
Ari vag	937	Three-awn Speargrass	Aristida vagans	tube	
Era lep	1155 Paddock Lovegrass Eragrostis leptostachya		tube		
Lom Ion 335 Spiny-headed Ma		Spiny-headed Mat-Rush	Lomandra longifolia	tube	
The aus	1155	Kangaroo Grass	Themeda australis	tube	

# PLANTING PLAN - LAWSON ROAD FRONTAGE

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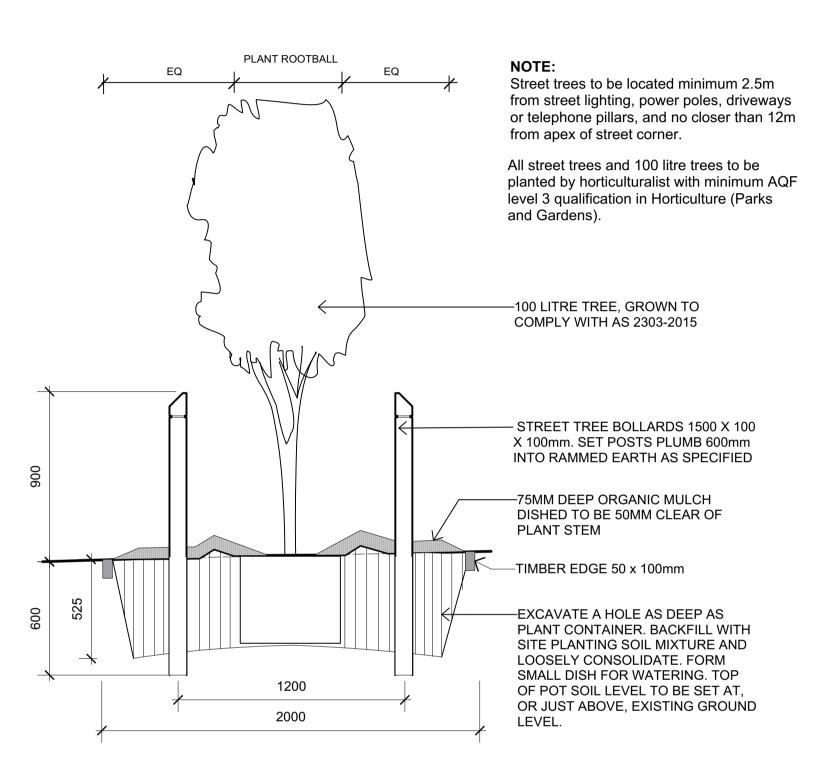
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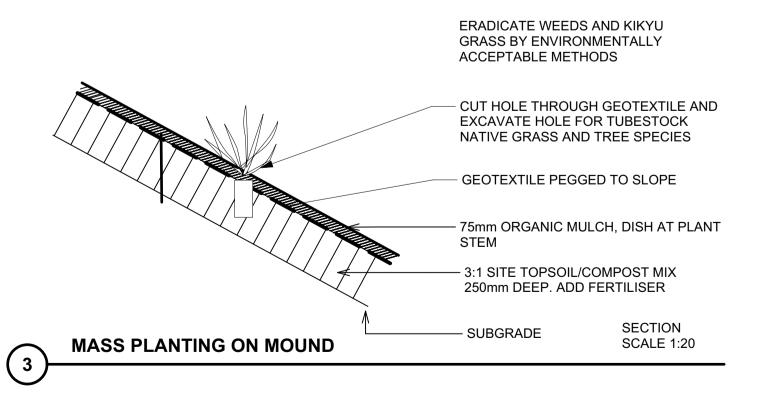
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# PLANTING PLAN - MARTIN ROAD FRONTAGE

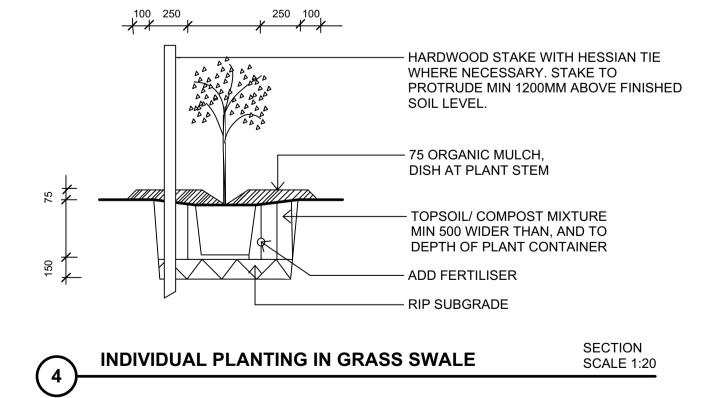
Resource Recovery Facility 25 Martin Road Badgerys Creek Lot 1 DP 611519

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<b>1:200</b> @A1	16 March 2020	job no 09129	Issue <b>J</b>	L 02			





**STREET TREE PLANTING - 100 litre** 



## **OUTLINE PLANTING SPECIFICATION**

The Landscape Works are to be installed in accordance with Industry Best Practice by a suitably qualified and experienced horticultural professional, to the following minimum specification.

### WEED ERADICATION:

Eradicate all noxious and environmental weeds using a non-residual spray at the recommended rate, by environmentally acceptable methods. All imported materials including plants, topsoil, compost and mulch shall be free of weeds or weed seed.

GROUND PREPARATION: All mass planted beds shall be cultivated by ripping or harrowing. Do not rip within the dripline of trees and shrubs to be retained. If necessary, cultivate these areas by hand. Remove stones exceeding 25mm and weeds, rubbish or other deleterious material. Trim the surface to the required design levels after cultivation. Excessive clay content shall be ameliorated by incorporating gypsum at a rate of

Spread planting mixture or topsoil on the prepared subsoil and grade evenly. Compact lightly in uniform 150mm layers and ensure final surface is graded to drain freely without

SOIL PLANTING MIX: Shall be 3 parts site topsoil and one part organic compost equal to Australian Native Landscapes Cow and Compost, mixed to a homogenous blend prior toil installation, and sporead to a minimum depth of 250mm. Test pH levels to ensure a reading of between 6 and 7. Higher or lower levels to be adjusted with horticultural soil additives to meet this range.

### **FERTILISER**

To each tree planting hole add slow release 21g biofertiliser planting tablet equal to Agsafe SuperMYCO (20:10:5 NPK).

For cultivated planting areas cultivate in Nutricote Standard Black (270 day 16:4.4:8.3 NPK) controlled release fertiliser. Quantity as per manufacturers recommendations.

Plants shall be vigorous, well established, hardened off, free from disease and insect pests, of good form consistent with species, not soft or forced, with large healthy root systems and no evidence of having been restricted or damaged. Trees to have single leaders and grown to NATSPEC specifications All plant material shall be in minimum potsizes as shown on schedule. Do not plant in extreme heat, cold, wind or rain. Thoroughly water plants before and immediately after planting.

Organic mulch shall be free from deleterious and extraneous matter, including soil, weeds, rocks, twigs and the like. Mulch shall be equivaklent to Soilco Cottage Mulch. Place mulch so it is not in contact with the stem of the plant.

Turf to verges as necessary after completion of earthworks and services. Obtain turf from a specialist grower of cultivated turf. Species to match existing. Turf shall be even in thickness and free from weeds. Lay turf over 100mm bed of cultivated topsoil in staggered pattern.

# MASS PLANTING

Ensure surface of topsoil/ compost mixture grades to drain as required. Excavate a hole for each plant 100 mm wider than plant container. Excavate a hole for each tree, backfill with topsoilcompost mixture, spread mulch and dish at plant

# TIMBER EDGE

Install hardwood timber durability class 1 (AS 1604). Edge to be straight and even. Fix to 50m x 50mm x 400mm pegs. Drive pegs into bed at 1200mm centres on the planting side of edging. Fix with galvanised nails, 2 per fixing. Top of edge to finish flush where it joins concrete kerb.

LANDSCAPE ESTABLISHMENT AND MAINTENANCE - SITE: Plants: Maintain all plants in a healthy viable condition, including all watering, weeding, spraying for pests and diseases, pruning and re-mulching as necessary to achieve vigorous growth. Immediately replace any diseased or damaged plants at the Landscape Contractors cost. All plants are to be nurtured to industry best practice. All replacement plants are to be as originally specified. Stakes: Stakes to be straightened and adjusted as necessary and removed when directed, or at the end of maintenance period.

Mulch: Maintain mulched surfaces and turf in a clean and tidy condition. Replace mulch where necessary with the same material to meet required depth.

Rubbish: Remove any rubbish that may occur during the maintenance period on

Weed eradication: Regularly remove weeds by hand from all landscaped areas. Where necesary, use environmentally acceptable methods, such as a non-residual spray.

Water: Water sufficiently to maintain continuous vigorous growth.

Soil Subsidence: Make good any erosion or soil subsidence that may occur. Ensure grass and mulched surfaces finish flush with adjacent paved surfaces.

MAINTENANCE PERIOD: 6 months

### MAINTENANCE SCHEDULE - STREET TREES

Street trees shall be maintained for 12 months following installation to the following minimum standard:

Water plants deeply - as a guideline: (25 litres of water per m2/week) three times a week for 2 weeks, then twice a week for 2 months, then 1-2 times per week for remainder of year. Monitor soil conditions to ensure root ball is kept moderately moist and adjust water quantity and frequency dependant on rainfall and season.

Top up mulch to 100mm depth, in a minimum 600mm diameter around tree. Do not place mulch in direct contact with plant stem. Every 4 months.

Remove weeds from mulch area (by pulling out at roots). Do not spray herbicide within mulch zone. Fortnightly.

Inspect foliage and branches for disease or pest infestations. Fortnightly. Control where necessary.

### STAKES

Check stakes/ guards and replace/repair as necessary. Adjust as required to ensure no damage to stem or branches. Ensure free movement of plant. Weekly.

### FORMATIVE PRUNING.

Check for defects in tree structure and prune where necessary in accordance with Natural Target Pruning Techniques. Undertake pruning in accordance with AS4373:2007 'Pruning of Amenity Trees". Any puning to be undertaken by qualified arborist or horticulturalist.

## CROWN LIFTING.

At 6 monthly intervals, check that tree remains clear of pedestrian paths and vehicles. Remove lower branches as necessary to lift crown. Do not remove more than one third of total tree height. Prune as per "Formative Pruning".

### **FERTILISE**

Apply an appropriate balanced N:P:K slow release fertiliser - every 4-6 months depending on season.

### REPLACEMENTS

Replace all plants that are missing, unhealthy or dead with plants of the same size, quality and species,. Replace on a continuing basis not exceeding 2 weeks. Fortnightly.

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