



**Legend** (external work / landscape plan)

note: drawing may not contain all items listed below

- ex. contours & banking line
- existing trees to be retained
- existing trees to be removed
- proposed trees - install rootguard near services as required
- planting areas ensure that the mass planting areas have been excavated to 300mm below finished levels, rip to a further depth of 150mm, supply and install 300mm soil mix, soil mix to comprise of one part approved compost to three parts top soil, topsoil shall be either imported topsoil or stockpiled site topsoil (if suitable i.e. no clay), install 75mm of selected mulch, mulch to be ANL Forest Blend
- turf excavate/grade areas to be turfed to 120mm below the required finished levels, do not excavate with 150mm of any existing trees to be retained, ensure that all of the surface water runoff is to be directed towards the inlet pits, kerbs etc. ad away from buildings, ensure that no pooling or ponding will occur, rip subgrade to 150mm deep, install 100mm depth of imported topsoil, just prior to spreading turf, spread shirleys no. 17 lawn fertiliser over the topsoil at the recommended rate, lay Sir Walter Buffalo turf rolls closely butted, fill any small gaps with topsoil, water thoroughly.
- metal garden edging

PLANT SCHEDULE				
Code	Botanical Name	Common Name	Height	Pot Size
<b>TREES</b>				
Can	Cupaniopsis anacardioides	Tuckeroo	5m	75L
Ere	Elaeocarpus reticulatus	Blueberry Ash	12m	45L
Eeu	Elaeocarpus eumundii	Smooth-leaved Quandong	8m	45LT
Lin	Lagerstroemia indica 'Natchez'	Crepe Myrtle	8m	75L
Lis	Lagerstroemia indica 'Sioux'	Crepe Myrtle	4m	75L
Lit	Lagerstroemia indica 'Tuscarora'	Crepe Myrtle	6m	75L
Mlg	Magnolia 'Little Gem'	Little Gem Magnolia	4m	100L
Pca	Pyrus calleryana 'Capital'	Capital Pear	11m	75L
Tia	Tristanopsis laurina 'Luscious'	Water Gum	10m	75L
<b>SHRUBS</b>				
Asm	Acmena smithii	Lilly-pilly	5m	200mm
Cal	Correa alba	White correa	1.5m	200mm
Cgb	Callistemon 'Kings Park Special'	Bottlebrush	4m	200mm
Dvi	Dodonaea viscosa	Hop Bush	2m	200mm
Gro	Grevillea rosmarinifolia	Rosemary Grevillea	1m	200mm
Mpa	Murraya paniculata	Orange Jessamine	3m	200mm
Lpo	Leptospermum polygalifolium	Pacific Beauty	1.5m	200mm
Mth	Melaleuca thymifolia	Thyme Honey Myrtle	0.8m	200mm
Pmm	Pittosporum 'Miss Muffet'	Miss Muffet	2m	200mm
Pxa	Philodendron Xanadu'	Philodendron	0.8m	140mm
Sca	Syzygium cascade	Weeping Lilly Filly	3m	200mm
Vel	Viburnum odoratissimum 'Emerald Lustre'	Sweet Viburnum	3m	200mm
Wab	Westringia 'Aussie Box'	Coastal Rosemary	0.6m	200mm
<b>FEATURE PLANT, GRASSES, GROUNDCOVERS &amp; CLIMBERS</b>				
Aau	Asplenium australasicum	Birds Nest Fern	1.0m	140mm
Acu	Arthropodium cirratum	NZ Rock Lily	0.9m	140mm
Arv	Anigozanthus 'Ruby Velvet'	Kangaroo Paw	0.8m	140mm
Bca	Blechnum cartilagineum	Gristle Fern	0.7m	140mm
Cci	Casuarina 'Cousin It'	Prostrate She Oak	0.1m	140mm
Das	Doodia aspera	Rasp Fern	0.5m	140mm
Dex	Doryanthes excelsa	Gymea Lily	1.5m	140mm
Dre	Dichondra repens	Kidney Weed	0.1m	140mm
Dro	Diets robinsoniana	Lord Howe Is Lily	0.8m	140mm
Dsf	Dichondra 'Silver Falls'	Silver Falls Kidney Weed	0.1m	140mm
Fgl	Festuca glauca	Blue Fescue	0.3m	140mm
Ljr	Liriope 'Just Right'	Lily Turf	0.4m	140mm
Lit	Lomandra longifolia 'Tanika'	Dwarf Mat Rush	0.6m	140mm
Myp	Myoporum parvifolium	Creeping Boobiala	0.1m	140mm
Ppo	Poa poliformis 'Kingsdale'	Kingsdale	0.4m	140mm

1 Landscape Plan  
1:100

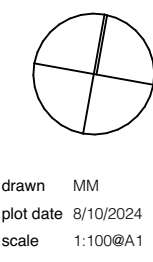


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amendment	date
3	DA Issue 08.10.24
2	Revised DA Concept Issue 01.10.24
1	DA Issue 20.06.23
P3	Preliminary DA Issue 14.06.23
P2	Preliminary DA Issue 04.06.23
P1	Preliminary Concept Issue 04.05.23

note: all dimensions are to be verified on site and any discrepancies referred to the architect for determination. figured dimensions are to take precedence over scaled dimensions.



**Residential Apartments**  
15 - 17 Lupin Ave & 82  
Belmore St, Fairfield, NSW  
Landscape Concept Plan  
L01





**Legend** (external work / landscape plan)  
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- ex. contours & banking line
- existing trees to be retained
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- proposed trees - install rootguard near services as required
- planting areas ensure that the mass planting areas have been excavated to 300mm below finished levels, rip to a further depth of 150mm, supply and install 300mm soil mix, soil mix to comprise of one part approved compost to three parts top soil, topsoil shall be either imported topsoil or stockpiled site topsoil (if suitable i.e. no clay), install 75mm of selected mulch, mulch to be ANL Forest Blend
- turf excavate/grade areas to be turfed to 120mm below the required finished levels, do not excavate with 150mm of any existing trees to be retained, ensure that all of the surface water runoff is to be directed towards the inlet pits, kerbs etc. ad away from buildings, ensure that no pooling or ponding will occur, rip subgrade to 150mm deep, install 100mm depth of imported topsoil, just prior to spreading turf, spread shirleys no. 17 lawn fertiliser over the topsoil at the recommended rate, lay Sir Walter Buffalo turf rolls closely butted, fill any small gaps with topsoil, water thoroughly.
- metal garden edging

PLANT SCHEDULE				
Code	Botanical Name	Common Name	Height	Pot Size
<b>SHRUBS</b>				
Pmm	Pittosporum 'Miss Muffet'	Miss Muffet	2m	200mm
Pxa	Philodendron Xanadu	Philodendron	0.8m	200mm
Rop	Rhaphiolepis 'Oriental Pearl'	Indian Hawthorn	1.0m	200mm
Sju	Strelitzia juncea	Bird of paradise	2m	200mm
Wab	Westringia 'Aussie Box'	Coastal Rosemary	0.6m	200mm
<b>FEATURE PLANT, GRASSES, GROUNDCOVERS &amp; CLIMBERS</b>				
Cci	Casuarina 'Cousin It'	Prostrate She Oak	0.1m	140mm
Cov	Crassula ovata 'Undulatum'	Jade Plant	1.0m	140mm
Dsf	Dichondra 'Silver Falls'	Silver Falls Kidney Weed	0.1m	140mm
Fgl	Festuca glauca	Blue Fescue	0.3m	140mm
Kcs	Kalanchoe orygalis 'Copper Spoons'	Copper Spoons	0.5m	140mm
Kss	Kalanchoe bracteata 'Silver Spoons'	Silver Spoons	0.5m	140mm
Lt	Lomandra longifolia 'Tanika'	Dwarf Mat Rush	0.6m	140mm
Myp	Myoporum parvifolium	Creeping Boobiala	0.1m	140mm
Ppo	Poa poliformis 'Kingsdale'	Kingsdale	0.4m	140mm
Saj	Sedum spectabile 'Autumn Joy'	Stonecrop	0.7m	140mm

Tree watering 1: 1st initial watering at the time of planting. Quantity of water will be adequate to saturate the root ball to its core. Tree watering 2: post planting, provide a minimum of 15 litres of water (for tree in a 45 litre pot) to the newly planted tree per 7 days. Water at a slow rate not to displace mulch. For trees in pot size larger than 45 litres, provide quantity of water on third of that pot size.

Note: it is the responsibility of the contractor to confirm the location of all underground services prior to commencement of any excavation or staking works. Strong central leading trunk to be evident at time of planting

All trees supplied must meet the criteria of AS2303-2018: tree stock for landscape use & be healthy specimens free of pests and diseases. Trees to be well watered of a maximum of 24 hours prior to planting

Set 3 of 50x50x2400mm hardwood stakes vertically and clear of root ball and canopy at 900mm spacing, offset a min. 200mm from underground services to ensure no damage is caused to services. Stakes must be positioned so as to prevent damage to structural branches and prevent rubbing on branches.

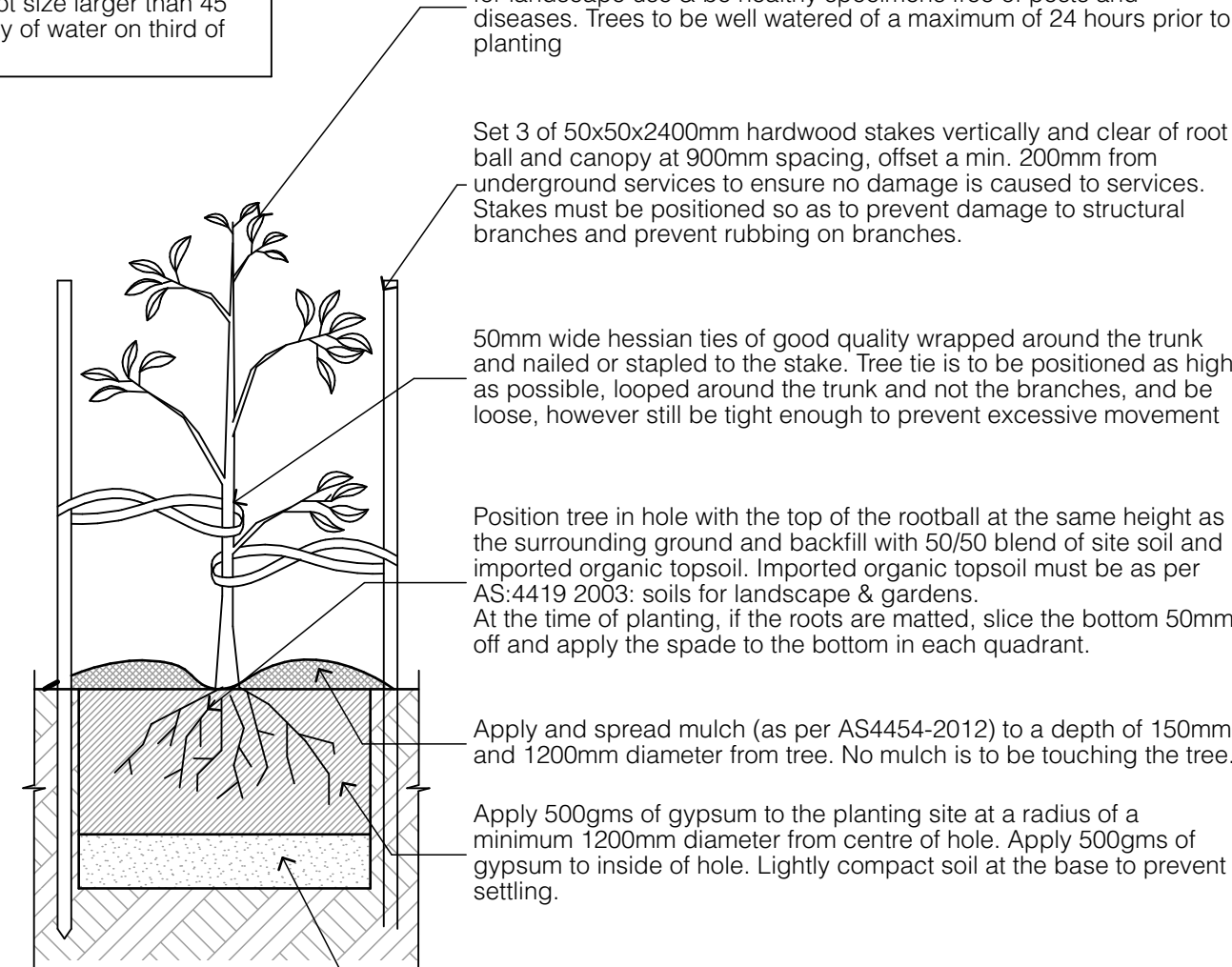
50mm wide hessian ties of good quality wrapped around the trunk and nailed or stapled to the stake. Tie tree is to be positioned as high as possible, looped around the trunk and not the branches, and be loose, however still be tight enough to prevent excessive movement

Position tree in hole with the top of the rootball at the same height as the surrounding ground and backfill with 50/50 blend of site soil and imported organic topsoil. Imported organic topsoil must be as per AS:4419 2003: soils for landscape & gardens. At the time of planting, if the roots are matted, slice the bottom 50mm off and apply the spade to the bottom in each quadrant.

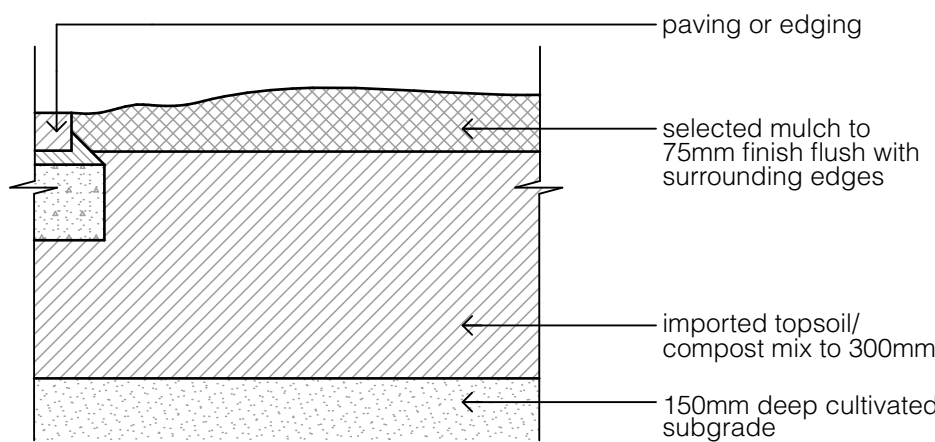
Apply and spread mulch (as per AS4454-2012) to a depth of 150mm and 1200mm diameter from tree. No mulch is to be touching the tree.

Apply 500gms of gypsum to the planting site at a radius of a minimum 1200mm diameter from centre of hole. Apply 500gms of gypsum to inside of hole. Lightly compact soil at the base to prevent settling.

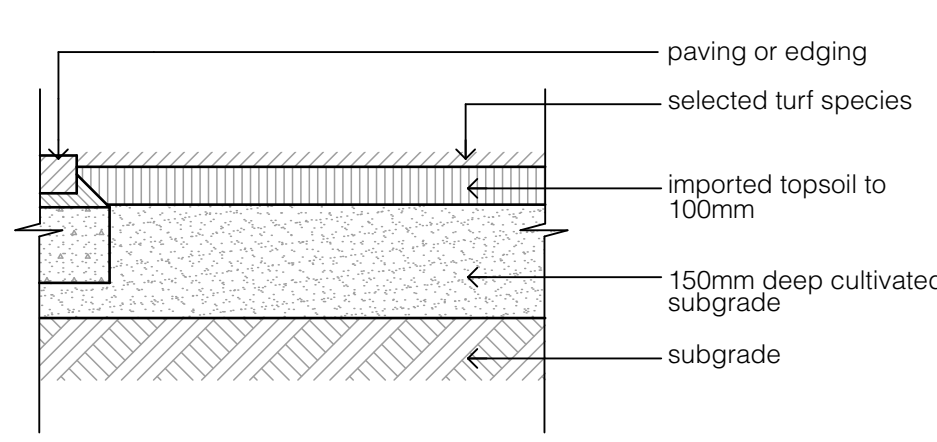
Excavate a planting hole with sloping sides 3 times the width of the rootball. Break up sides and base. If digging in soil of low permeability, the hole should be wider and deeper. In this instance backfill will be required at base of hole. Augers are not to be used for excavation of the planting hole. Planting hole is to be watered prior to planting. No tree is to be planted into naturally waterlogged soil. If soil is waterlogged, planting must be rescheduled to allow sufficient time for the soil to dry out.



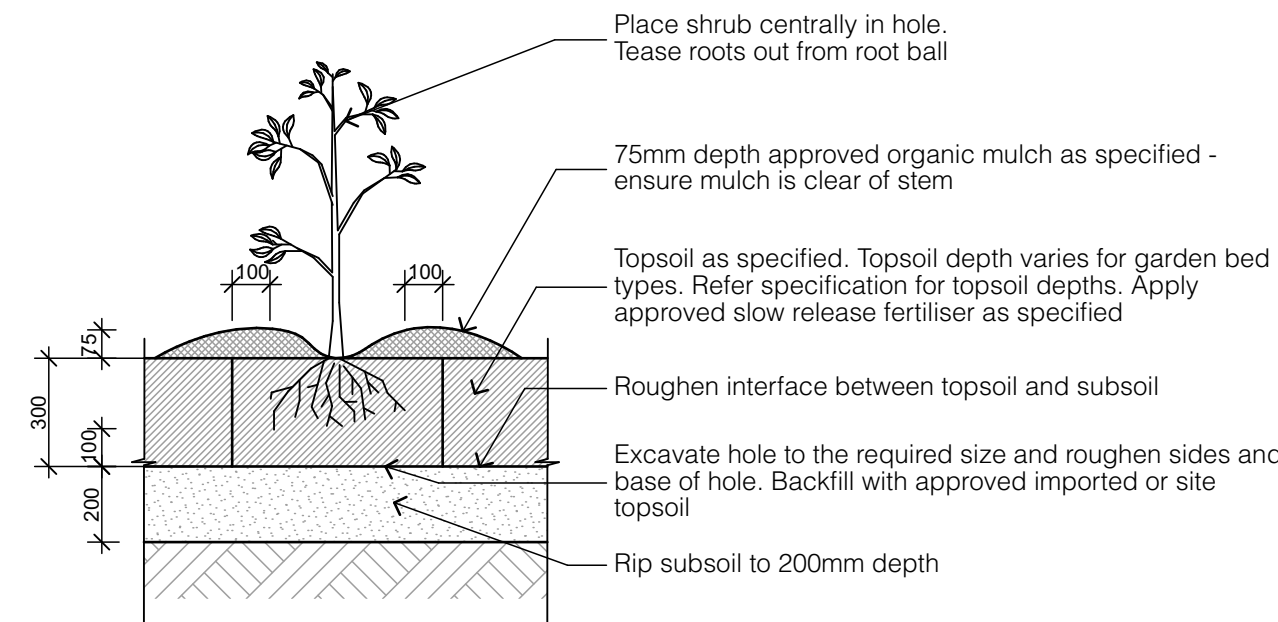
1 Landscape Plan 1:100



2 Garden Bed Preparation Detail 1:10



3 Turf Preparation Detail 1:10



4 Tree Planting Detail 1:20

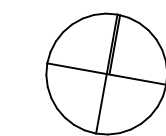
5 Tree Planting Detail 1:20



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amendment	date	drawn	mm
2	DA Issue	29.06.23	
1	DA Issue	20.06.23	
P3	Preliminary DA Issue	14.06.23	
P2	Preliminary DA Issue	04.06.23	
P1	Preliminary Concept Issue	04.05.23	
amendment	date	drawn	mm
		plot date 29/06/2023	
		scale 1:100, 1:10, 1:200&1	

note: all dimensions are to be verified on site and any discrepancies referred to the architect for determination. figured dimensions are to take precedence over scaled dimensions.



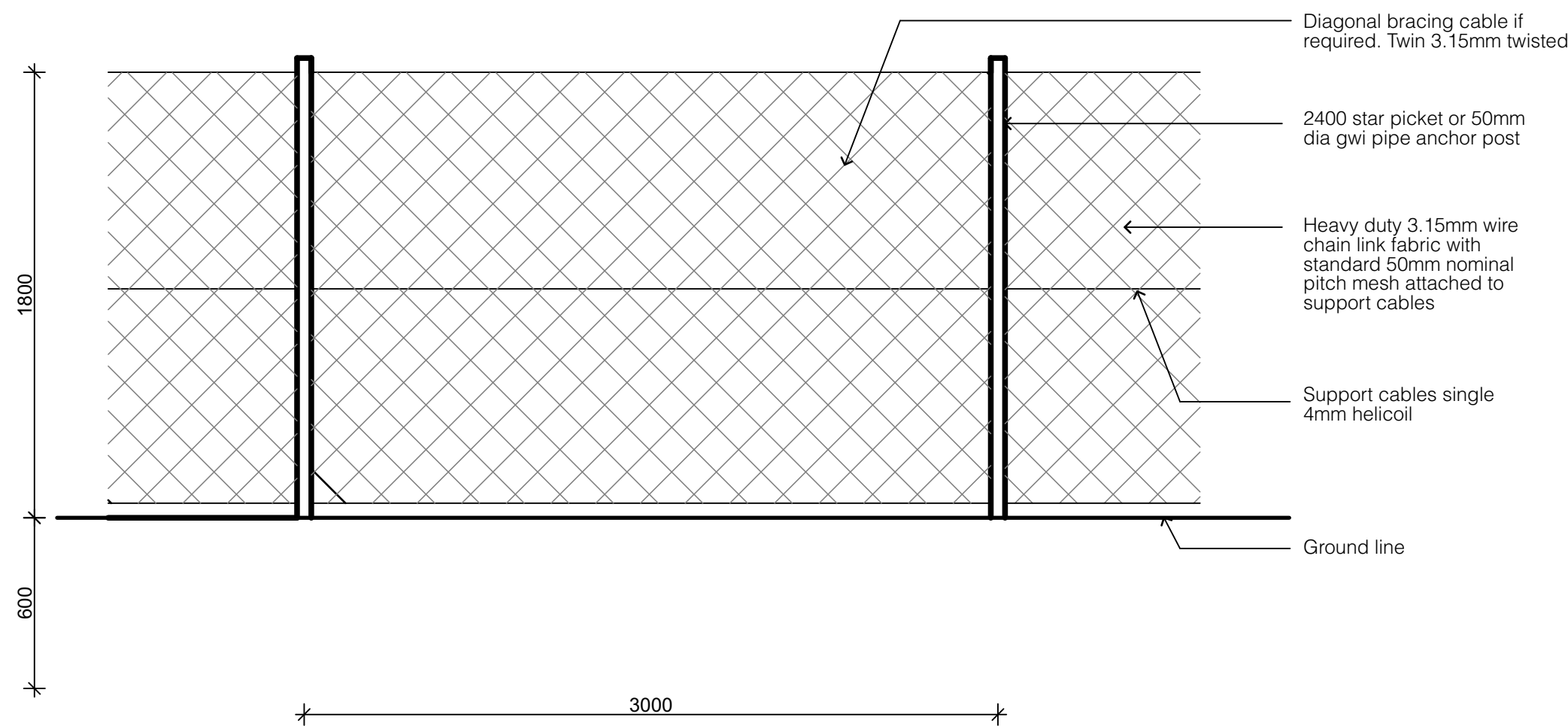
Residential Apartments

15 - 17 Lupin Ave & 82  
Belmore St, Fairfield, NSW

Landscape Concept Plan -  
Roofplot

L02





1 **Elevation**  
not to scale

**Installation**  
A continuous tree protection fence shall be erected around the perimeter of the tree protection zone (TPZ). Refer to (4) plan calculating the TPZ and should be situated as determined by the project arborist in accordance with AS4970 Protection of trees on development sites. Section 4, 4.3. The TPZ must be secured to restrict access. AS4687 Temporary fencing and hoardings specifies applicable fencing requirements.

The tree protection fence shall be a minimum of 1800mm high chain link fabric on 2400mm star picket or 50mm dia gwi pipe anchor posts. They are to be driven 600mm into the ground ensuring fencing can not be moved. Install diagonal cable bracing if required for stability.

Attach shade cloth or similar geotextile fabric to cover the fence panels and screen the TPZ from contamination.

The tree protection fence shall be installed prior to any demolition, clearing, grading or construction work. The tree protection fence is to remain in place in functioning condition until all construction is complete.

**Prohibitions**

No persons, vehicles, material, equipment or disposal of solid, liquid or chemical waste including concrete cleanup waste, painters waste or similar is permitted within the TPZ. No excavation or soil removal permitted within the TPZ.

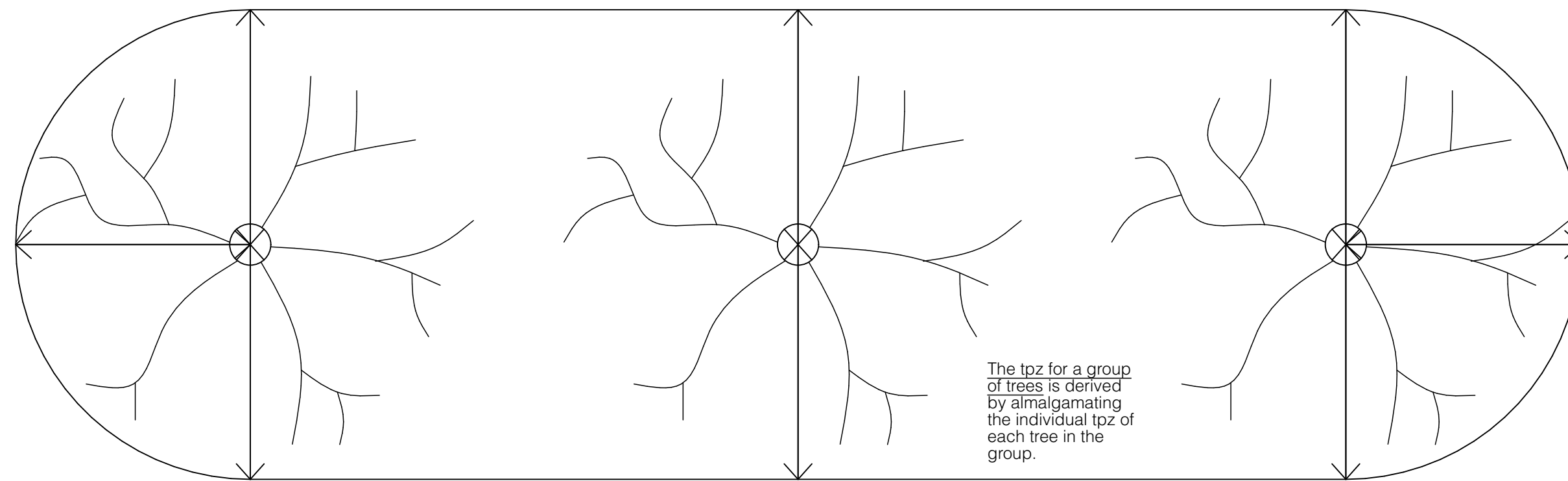
There is to be no storage of materials, rubbish, soil, equipment, structures or goods of any type to be kept or placed within 5 metres from the trunk or within the dripline of any tree for the duration of the development. This will ensure protection of the tree/s to be retained on or adjacent to site.

**Signage**

A 600mm x 450mm prohibition sign complying with in accordance with AS4970 2009 Protection of trees on development sites stating 'no entry-tree protection zone' and including the site foreman's contact details is to be attached to the fence, visible from all areas of the site. The sign is to remain in place until all construction has been completed.



3 **Elevation**  
not to scale

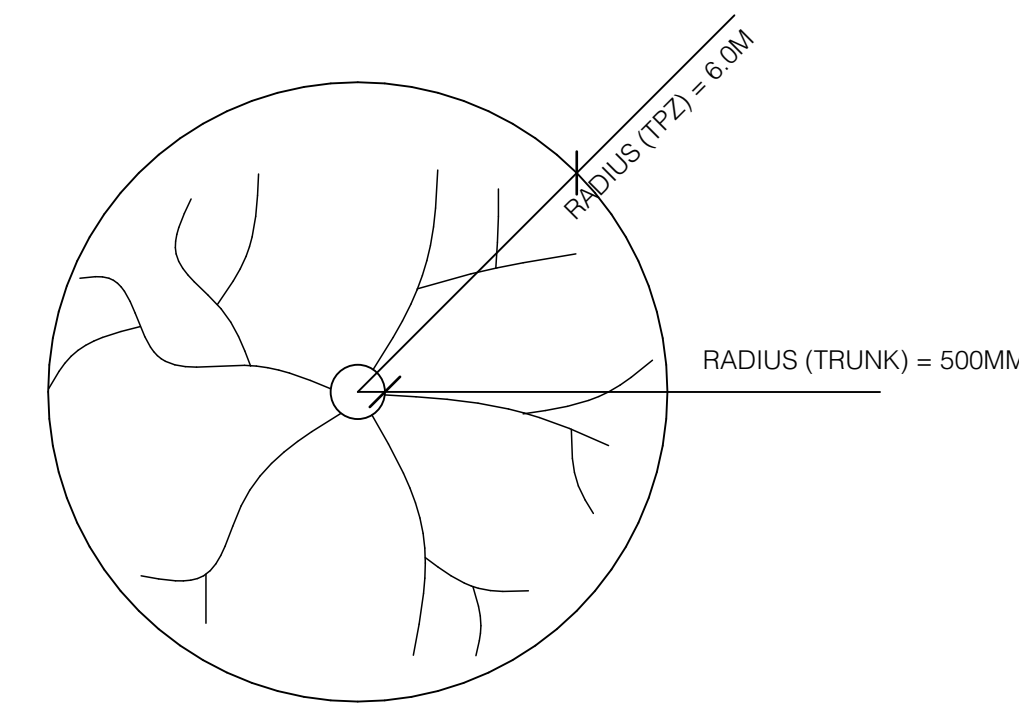


4 **Plan - Calculating the TPZ - Grouped Trees**  
not to scale

**For single trunk trees.**  
The tpz is an area equivalent to a circle with a radius 12 x the trunk diameter (t) measured 1.5 metres above the ground.

ie. Single trunk tree with a 500mm trunk diameter (t) at 1.5 metres above the ground:  
 $12 \times t (12 \times 500\text{mm}) = 6.0\text{m}$  radius tpz

**For multi-trunk trees**  
With more than 1 trunk arising below 1.5 metres above the ground level, the tpz is an area equivalent to a circle with a radius 10 x the trunk diameter (t) measured at the base of the trunk.



5 **Plan - Calculating the TPZ - Individual Trees**  
not to scale

**Tree protection zone (TPZ)**

The tree protection zone is the minimum area around a tree that must be left undisturbed to protect the root system and maintain the health and stability of the tree.

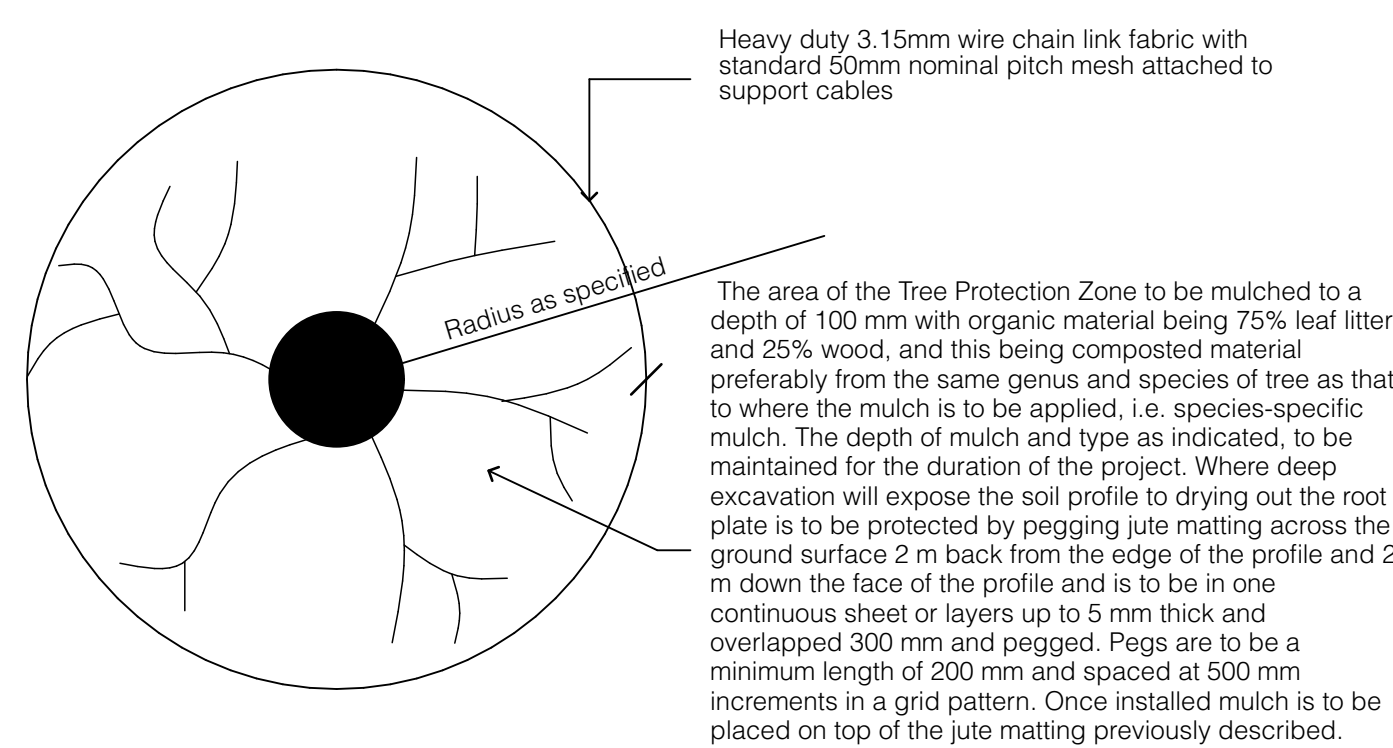
The TPZ is calculated using the methodology detailed in drawing (4) and (5), based on the British Standard BS 5837:2005 trees in relation to construction recommendations. Note that distances are measured from the outside edge of the trunk of the tree.

In some circumstances the TPZ may vary from the area calculated to take into consideration individual site factors - such as existing structures, the presence of rock outcrops or similar. Variations to the TPZ must be assessed and certified by an arborist.

To help protect the tree a fence or similar barrier is generally erected around the perimeter of the TPZ - refer to drawing (1).

**Prohibitions**

No trenching, excavation, soil level changes, storage of materials, disposal of waste, mechanical equipment or other construction activities are allowed in the TPZ. Minor works that do not adversely impact on the tree may be carried out in the TPZ under the direct supervision of an arborist.



2 **Plan - Tree Protection Fence Construction**  
not to scale

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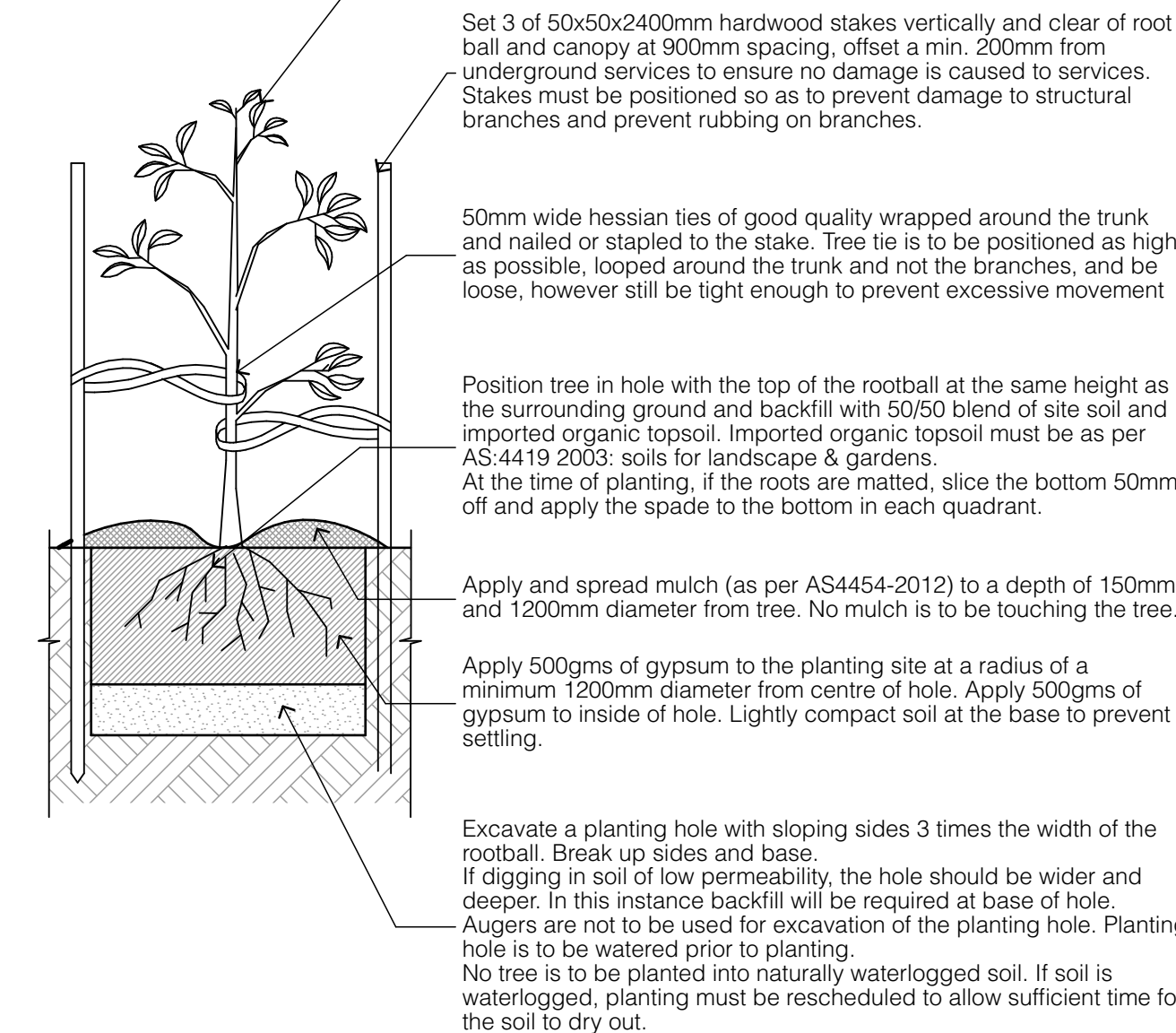
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Position tree in hole with the top of the rootball at the same height as the surrounding ground and backfill with 50/50 blend of site soil and imported organic topsoil. Imported organic topsoil must be as per AS:4419 2003: soils for landscape & gardens. At the time of planting, if the roots are matted, slice the bottom 50mm off and apply the spade to the bottom in each quadrant.

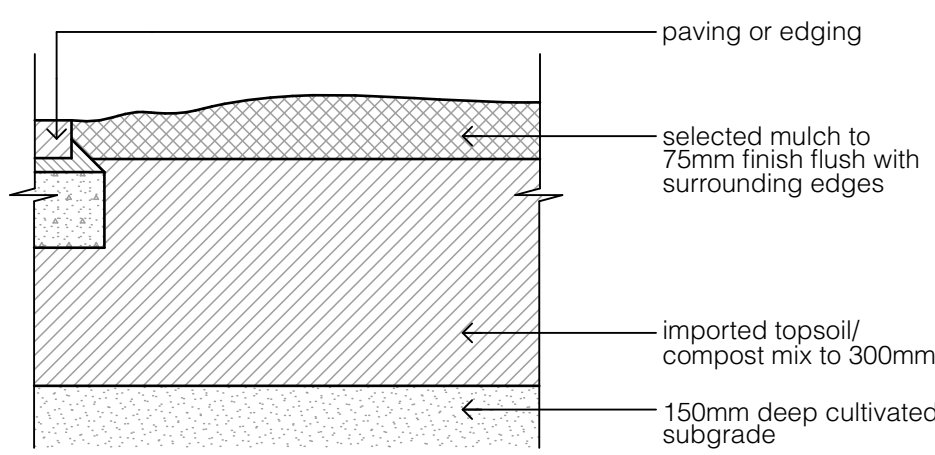
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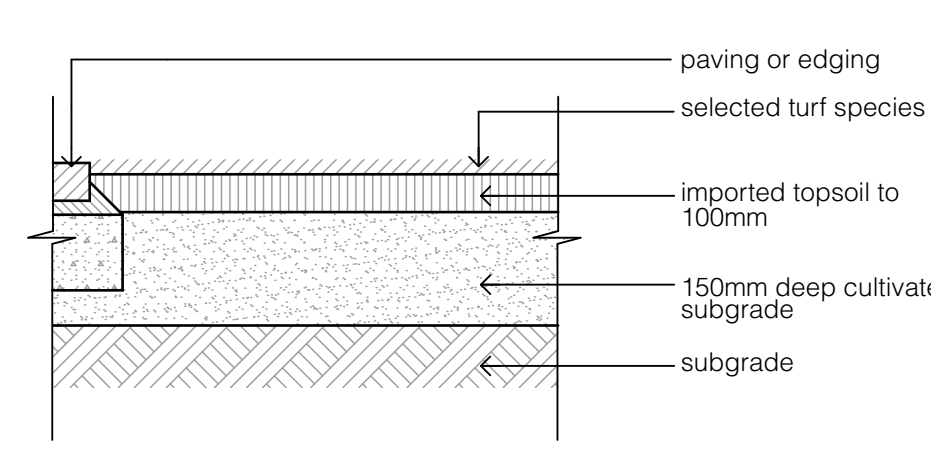
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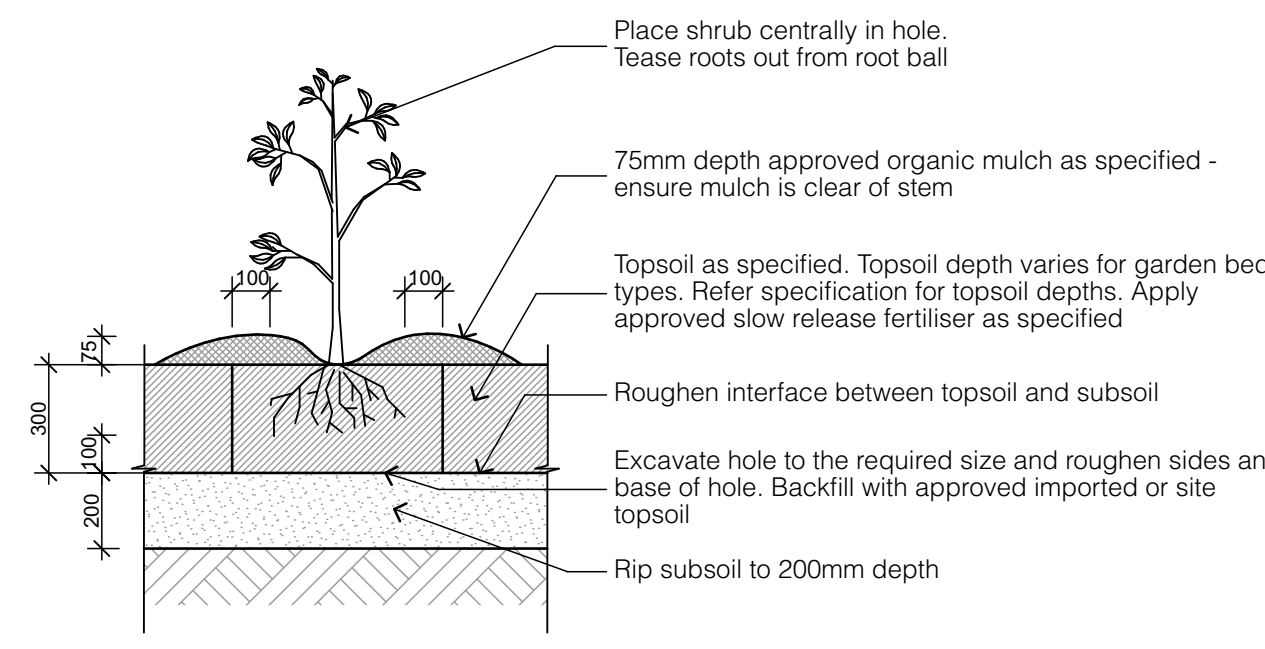
9 **Tree Planting Detail**  
1:20



6 **Garden Bed Preparation Detail**  
1:10



7 **Turf Preparation Detail**  
1:10



8 **Tree Planting Detail**  
1:20



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2	DA Issue	08.10.24	
1	DA Issue	20.06.23	
amendment		date	
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drawn MHA  
plot date 8/10/2024  
scale 1:20, 1:100&1

**Residential Apartments**  
15 - 17 Lupin Ave & 82  
Belmore St, Fairfield, NSW  
**Landscape Details & Tree Protection**  
eng. no. L02



