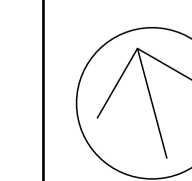


1 Site Plan
1:200



1 Landscape Strategy Plan
1:100



rev #	issue	medium	delivery	date	scale:
1	DA Issue	PDF	E	12.06.19	1:100 @ a1
p1	Preliminary DA Issue	PDF	E	06.06.19	
revisions					
Legend:	P - Print	PDF - image format	D - CAD	P - print	
Delivery:	E - Email	H - hand	M - Mail/Counter	F - Fax	

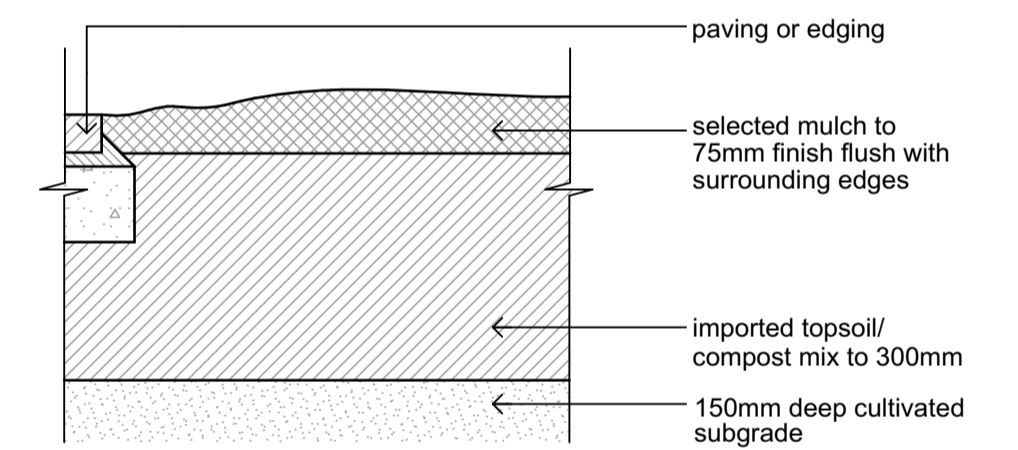


plant schedule

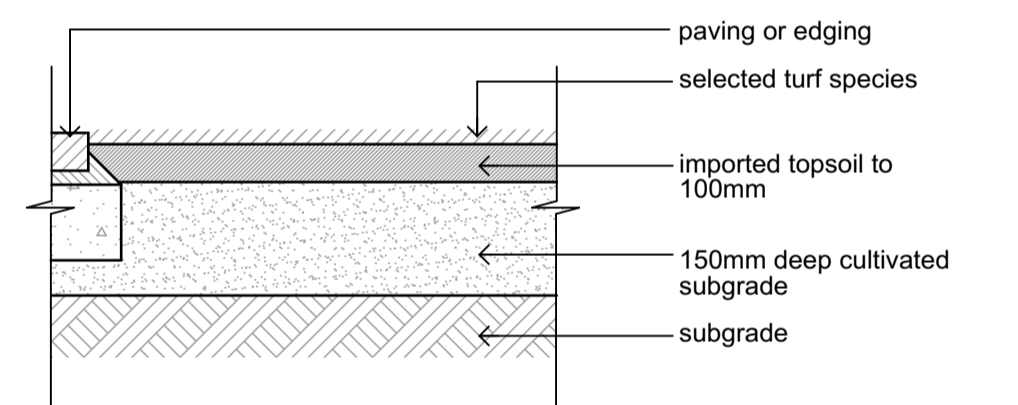
code	botanical name	common name	mature height	pot size	stake
Trees					
Lin	<i>Lagerstroemia indica</i> 'Natchez'	Crepe Myrtle	8.0m	75L	yes
Lit	<i>Lagerstroemia indica</i> 'Tuscarora'	Crepe Myrtle	6.0m	75L	yes
Til	<i>Tristania laurina</i> 'Luscious'	Water Gum	15.0m	75L	yes
Shrubs					
Bbc	<i>Banksia</i> 'Birthday Candles'	Birthday Candles	0.4m	200mm	no
Cal	<i>Correa alba</i> *	White Correa	1.5m	200mm	no
Cje	<i>Camellia japonica elegans</i> 'Champagne'	Camellia	2.0m	200mm	no
Crg	<i>Crowea saligna</i> 'Rosy Glow'	Crowea	0.8m	200mm	no
Gmt	<i>Grevillea</i> 'Mt Tamboritha'	Grevillea	0.3m	140mm	no
Gse	<i>Grevillea sericea</i> **	Pink Spider Grevillea	1.5m	140mm	no
Hfl	<i>Hymenosporum flavum</i> 'Lushious'	Dwarf Native Frangipani	0.6m	140mm	no
Odi	<i>Ozothamnus diosmifolius</i> 'Radiance'	Everlasting Paper Daisy	1.5m	140mm	no
Pli	<i>Pimelea linifolia</i> 'White Jewel'	Slender Rice Flower	0.4m	140mm	no
Rop	<i>Raphiolepis indica</i> 'Oriental Pearl'	Indian Hawthorne	1.0m	200mm	no
Wab	<i>Westringia</i> 'Aussie Box'	Coastal Rosemary	0.7m	200mm	no
Groundcovers, Grasses and Feature Plants					
Aau	<i>Asplenium australasicum</i> *	Birds Nest Fern	1.0m	200mm	no
Aci	<i>Arthropodium cirratum</i>	NZ Rock Lily	0.6m	200mm	no
Agv	<i>Anigozanthus</i> 'Gold Velvet'	Kangaroo Paw	1.0m	140mm	no
Arv	<i>Anigozanthus</i> 'Ruby Velvet'	Kangaroo Paw	1.0m	140mm	no
Bca	<i>Blechnum cartilagineum</i> *	Gristle Fern	0.7m	140mm	no
Das	<i>Doodia aspera</i> **	Rasp Fern	0.5m	140mm	no
Dex	<i>Doryanthes excelsa</i> *	Gymea Lily	1.2m	140mm	no
Dlj	<i>Dianella</i> 'Little Jess'	Turf Lily	0.4m	140mm	no
Dre	<i>Dichondra repens</i> **	Kidney Weed	0.1m	140mm	no
Fno	<i>Ficinia nodosa</i> **	Knobby Club Rush	0.7m	140mm	no
Lta	<i>Lomandra longifolia</i> 'Tanika'	Dwarf Mat Rush	0.5m	140mm	no
Pla	<i>Poa labillardieri</i> 'Kingsdale'	Blue Tussock Grass	0.4m	140mm	no
Vhe	<i>Viola hederacea</i> **	Native Violet	0.1m	140mm	no

1 Landscape Plan
1:100

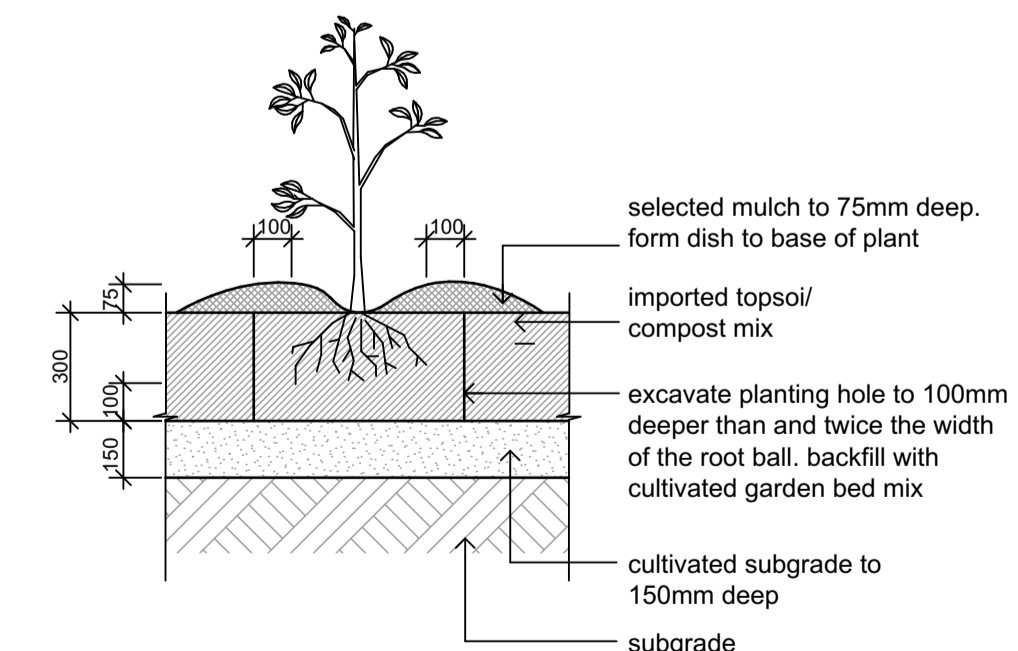
- legend:**
note: drawing may not contain all items listed below
- RL00.00 → proposed levels
 - bfc broom finished concrete
 - boe brick on edge
 - cc concrete cove finish
 - cft ceramic floor tile
 - cl clothes line
 - col column
 - dp downpipe
 - ex existing
 - fb(1) facebrick work (type 1-3)
 - ft(1) fence (type 1-4)
 - gb garbage bins
 - gt gale
 - gtd grated drain
 - hr handrail
 - ht hoesetap
 - ofc off form concrete
 - rw retaining wall
 - rwt rainwater tank
 - swp storm water pit
 - trf trowel finished concrete
 - tfi tactile floor indicators
 - tow top of wall
 - wfc wood float concrete
 - 64 ex. contours & banking line
 - existing trees to be retained
 - existing trees to be removed
 - formboss metal edging
 - fencing for all fencing materials and types refer to the architects plans.
 - planting areas
 - turf



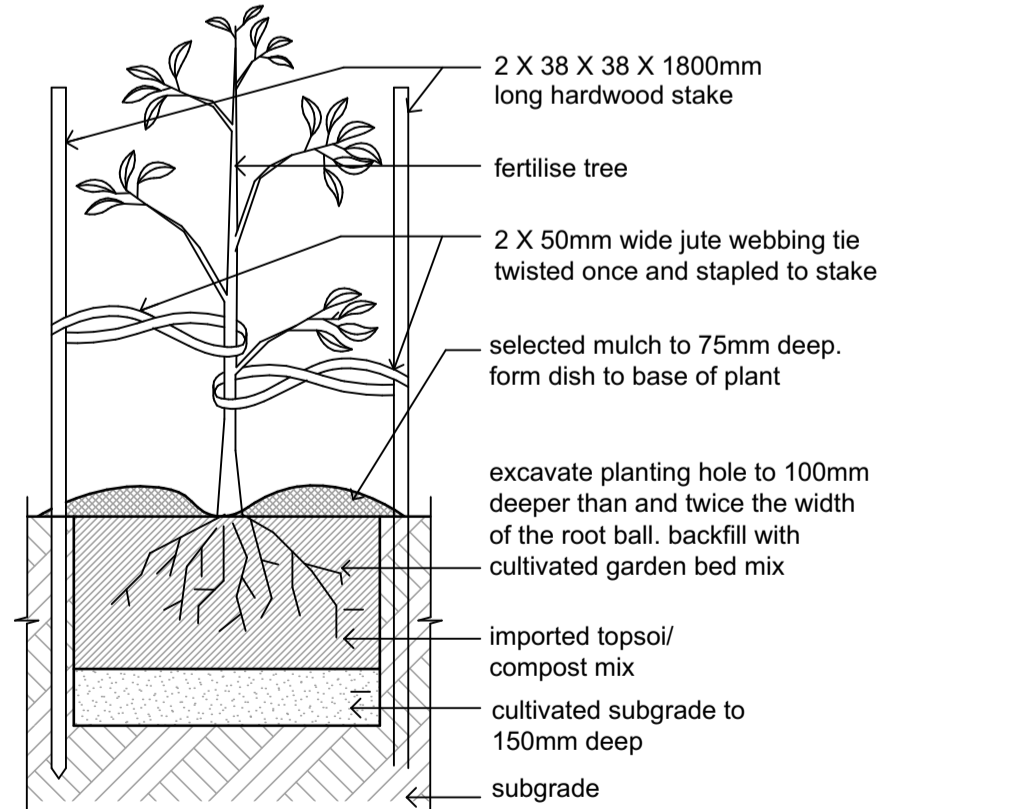
2 Garden Bed Preparation Detail
1:10



3 Turf Preparation Detail
1:10

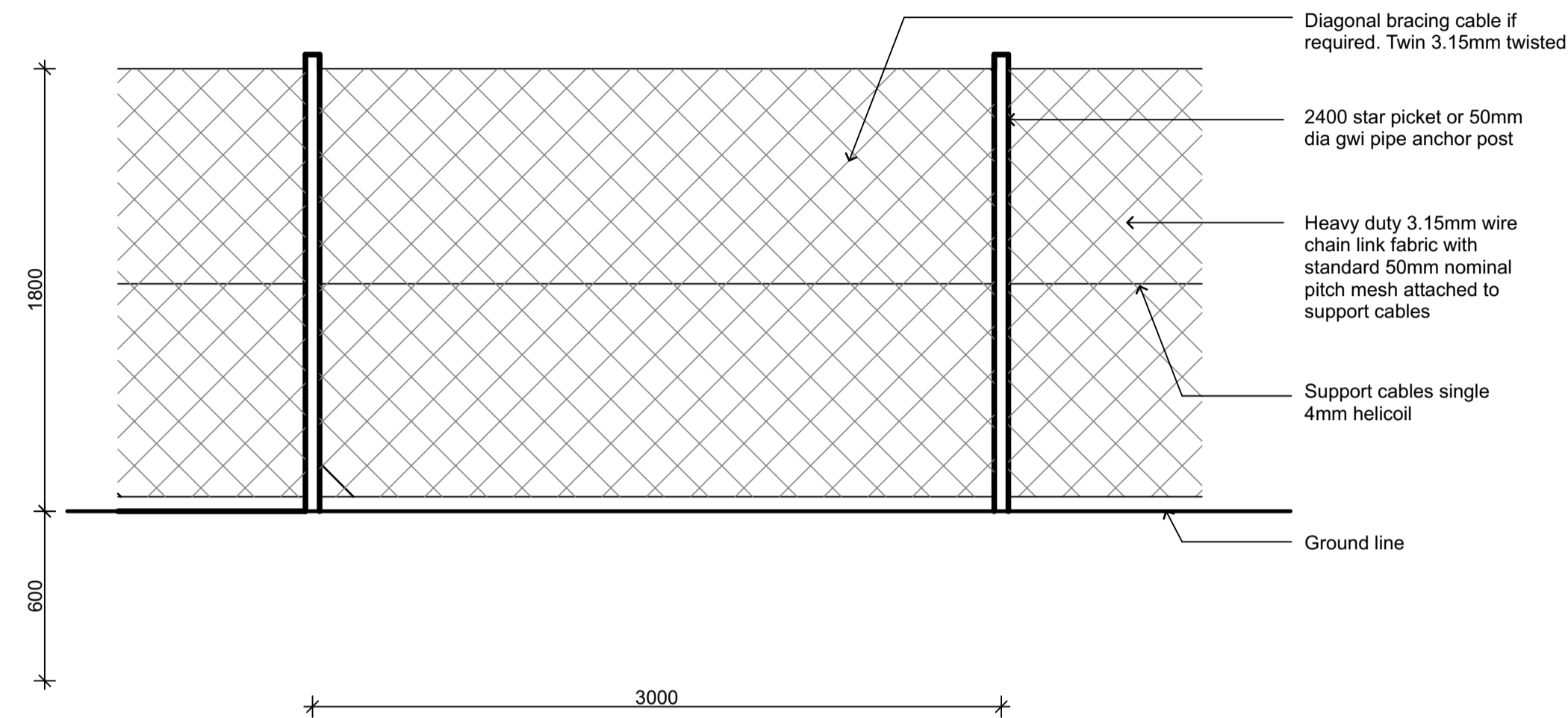


4 Garden Bed Planting Detail
1:20



5 15 - 45L Tree Planting Detail
1:20





2 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/L04 plan calculating the tpz.

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.

On construction sites with wind blown dust or debris, attached shade cloth or similar geotextile fabric to cover the fence panels and screen the tpz from contamination.

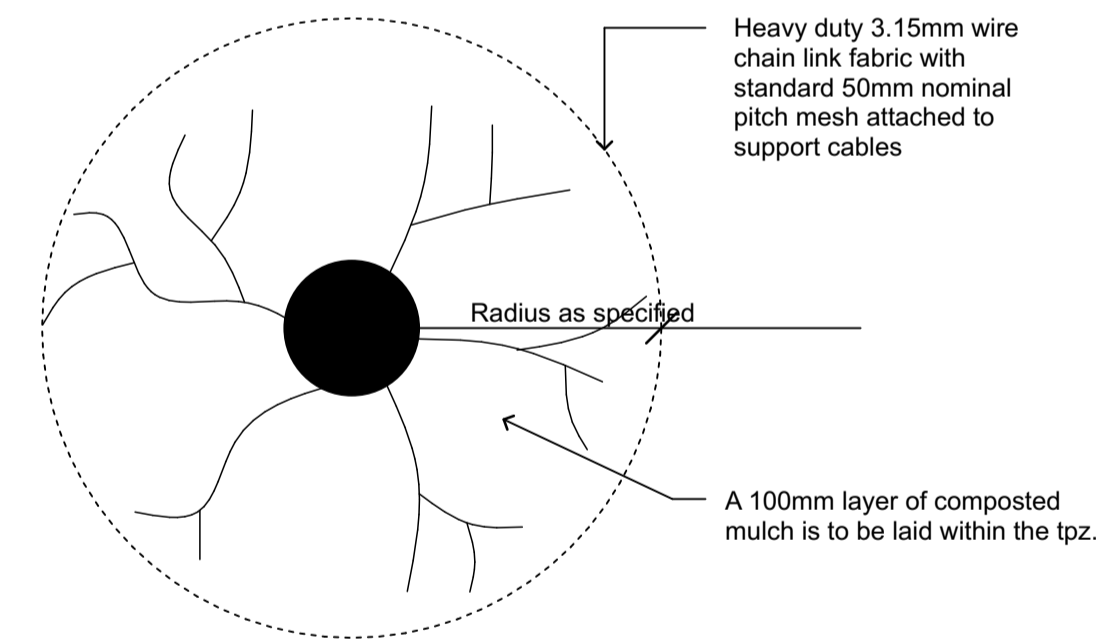
The tree protection fence shall be installed prior to any demolition, clearing, grading or construction work. The tree protection fence is to remain in place in functioning condition until all construction is complete.

Prohibitions

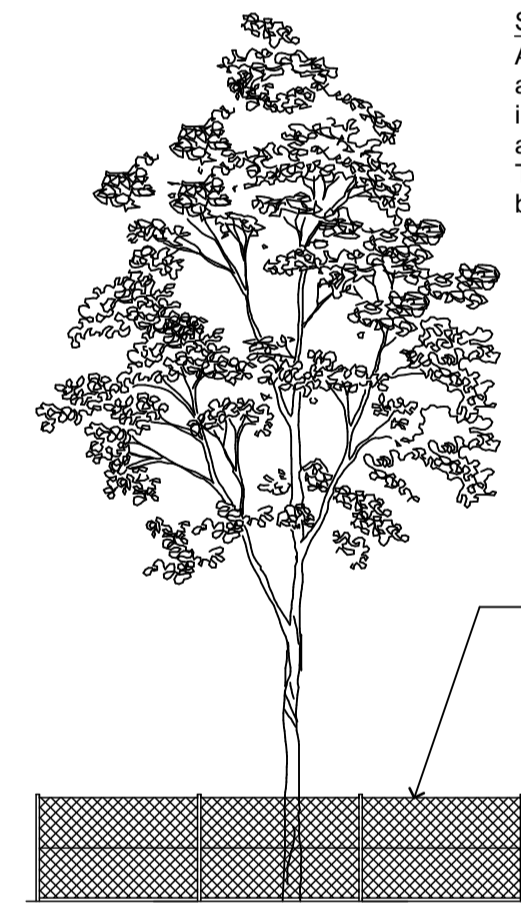
No persons, vehicles, material, equipment or disposal of solid, liquid or chemical waste including concrete cleanup waste, painters waste or similar is permitted within the tpz.
No excavation or soil removal permitted within the tpz.

Signage

A 600mm x 450mm prohibition sign complying with as1319 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.

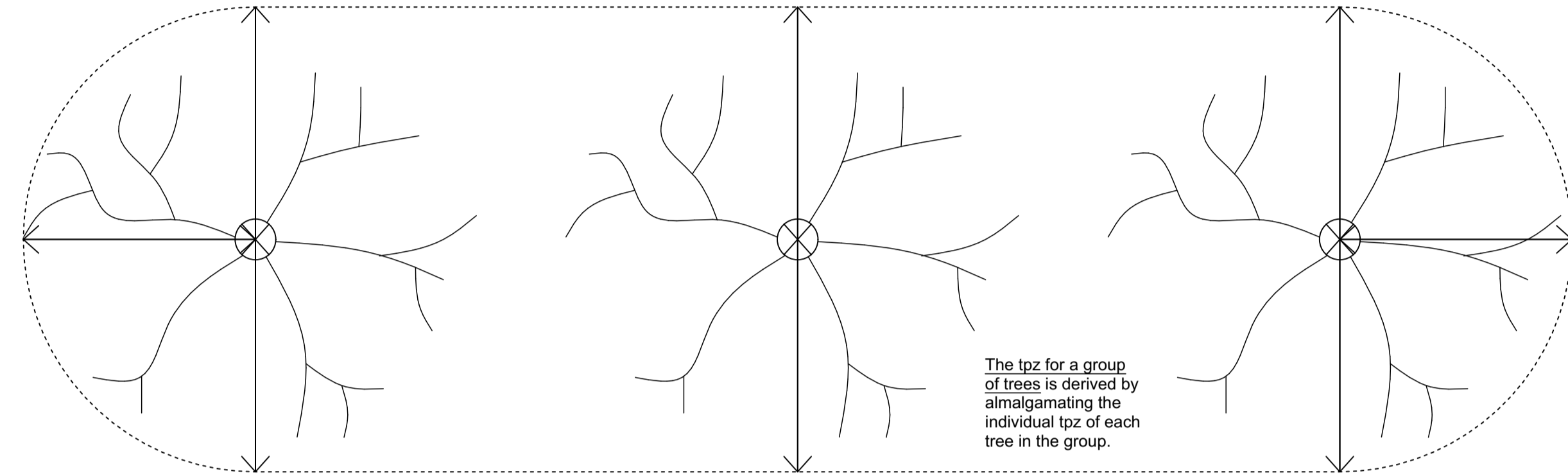


1 Plan - Tree Protection Fence Construction
not to scale



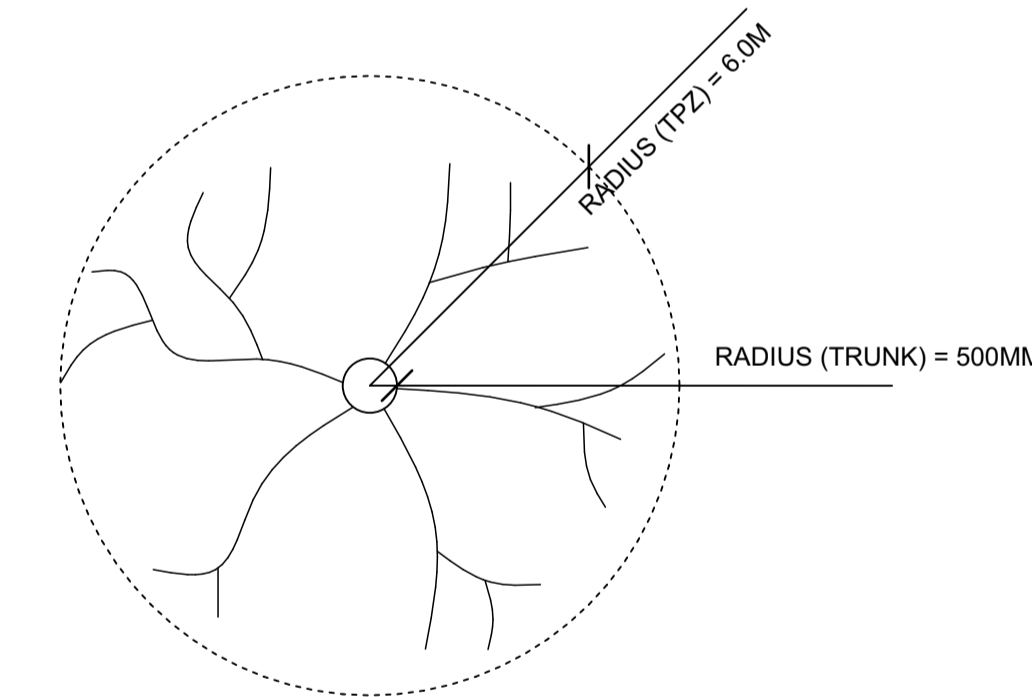
3 Elevation
not to scale

Tree protection fence installed around a tree at the perimeter of the tree protection zone (tpz). Anchor posts are to be located to avoid damage to tree roots greater than 25mm in diameter. A lockable gate can be installed in the fence if required for maintenance purposes.



4 Plan - Calculating the tpz - Grouped Trees
not to scale

The tpz for a group of trees is derived by amalgamating the individual tpz of each tree in the group.



5 Plan - Calculating the tpz - Individual 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.

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/L04 and 5/L04, 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 2/L04.

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.