



LEGEND

- Existing Tree to be Retained
*Refer to Arborists Report
Prepared by John Patrick
Landscape Architects Pty Ltd
Dated April 2020
- Existing Tree To Be Removed
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Prepared by John Patrick
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- Proposed Trees
Refer to Plant Schedule
- Proposed Shrubs
Refer to Plant Schedule
- Proposed Groundcovers & Grasses
Refer to Plant Schedule
- Proposed Paving
To Later Detail
- Proposed Gravel Surface
Refer to Specification
- Proposed Coloured Concrete
To Later Detail
- Reinstated/Repaired Naturestrip
Refer to Specification
- Proposed Retaining Wall
To Later Detail
- Proposed Raised Planter Box
Refer to Specification

NOTES

SITE COVERAGE: 70.1%
SITE PERMEABILITY: 20%

SPECIFICATION NOTES

Soil Preparation
Crushed rock, concrete spillage and any other material restrictive to plant growth (e.g. large rocks) shall be removed from the site of any planting beds and semi-advanced trees. All trees to be removed shall be stump ground and all rubbish/vegetative spoil is to be removed from site. Existing top soil in planting areas is to be preserved so that it does not receive additional compaction from site machinery and so that no rubble or building supplies are stored in these areas.

No imported top soil is to be used within the root zones of trees to be protected. Any preparation of existing soil for planting within these areas is to be done by hand only. Holes (e.g. as the result of plant removal) and uneven soil levels may be patched using topsoil as specified below.

Any imported topsoil is to be free of weeds, rubble and other materials damaging to plant growth and is to be of a medium texture (sandy loam) with a pH of 6.0-7.0. Top soil is to be laid over a prepared sub-base which has had any materials damaging to plant growth (e.g. rubble and large rocks) removed, spread to the appropriate depth and cultivated into the existing site soil to a minimum depth of 150mm.

Imported top soil is to be lightly and uniformly compacted in 150mm layers to a minimum depth of 100mm on lawn areas and 300mm on excavated planting beds.

Weed Removal
All weeds shall be thoroughly removed. All vegetative material, including roots and rhizomes of non-woody perennials and woody suckering weeds, is to be removed or appropriately controlled using chemical means. The stumps of non-suckering woody perennials are to be stump ground. All vegetative material shall be appropriately disposed of off site in a manner which will not allow their re-establishment elsewhere. Any chemical controls are to be used in accordance with manufacturer's instructions and standard occupational health and safety procedures.

Care must be taken to ensure that all trees to be retained are not damaged during weed removal. This also implies that any herbicides used are suitable for use around the vegetation to be retained.

Planting
Planting shall be carried out using accepted horticultural practices with all plants conforming to the species, size and quantities indicated on the Landscape Plan and Plant Schedule. Plants shall be thoroughly soaked through immersion in water prior to planting and if the planting soil is very dry then the planting hole is also to be filled with water and allowed to drain completely.

All plants shall be appropriately hardened off in the nursery. Use plants with the following characteristics: Large healthy root systems with no evidence of root cut or pot bound restriction or damage, vigorous, well established, free from disease and pests and of good form, consistent with the species or variety.

Planting holes for shrubs and groundcovers are to be of minimum size 75mm larger than the planting pot in all directions. Semi-advanced tree planting holes are to be the same depth as the rootball and 2-3 times its diameter, with the top of the rootball being at grade. A 75mm high berm is to be constructed at edge of rootball to hold water. All plants are to be thoroughly watered after planting and slow release fertiliser added at the quantities specified by the manufacturer.

Mulch
Mulch is to be supplied to all garden beds and is to be an organic type laid to a minimum depth of 75mm, consisting of fine dark coloured chipped or shredded pine bark or hardwood with not more than 5% fines content by volume (preferably zero fines). The average size of the woodchip must be approximately 10mm x 20mm x 5mm and the maximum length is not to exceed 30mm. Mulch shall be free of damaging matter such as soil, weeds and sticks and is to be stockpiled and thoroughly weathered prior to delivery. Mulch is to be kept back 100mm from the stems of all plants to prevent collar rot.

Granitic Gravel Surface
Granitic gravel is to be installed where shown comprising of a 50mm layer of gravel (Tuscan Toppings or similar) over a base course of 75mm deep gently compacted Fine Crushed Rock. Each layer, including the subgrade is to be appropriately compacted.

Aggregate Gravel Surface
Aggregate gravel is to be installed where shown comprising of a 50mm layer of gravel (7-14mm granite screenings or similar, no fines) over a base course of 75mm deep gently compacted Fine Crushed Rock. The subgrade is to be appropriately compacted.

Timber Edges
Provide 75 x 25mm treated pine edges to all borders between gravel mulch paths and garden beds using 75x25x300mm long treated pine stakes at 1200mm maximum centres. An additional stake is to be provided at joins in the plinth.

Irrigation
An approved drip irrigation system is to be supplied to all landscape areas. An approved pop-up spray system is to be supplied to all lawn areas. It is the responsibility of the contractor to ensure that all irrigation meets manufacturers specifications. The system is to be connected to mains supply and include a rain-shut off device. All dripline is to be buried with approx. 50mm of topsoil cover and shall be anchored at regular intervals to ensure the tubing cannot be dislodged.

Raised Planter Boxes
Raised planter construction is to include, but not necessarily be limited to, the supply and installation of agricultural drains, drainage cells at base, filter fabric, planting medium, mulch and irrigation. Planter boxes must be effectively tanked and lined with coreflute to prevent leaking.

Drainage cells are to be provided at the base of the planter and are to be covered with a layer of filter fabric. A drainage outlet is to be installed in the base of the planter with the floor of the planter sloped towards it. Provide a root anchor if trees are to be planted in a windy location.

Supply and spread evenly a special lightweight planter mix. (to be advised) Compact evenly in 100mm layers. Avoid differential subsidence and excess compaction and produce a finished surface that is graded evenly and ready for planting. Allow for 50mm layer of specified mulch to top of beds and a finished level 25-50mm below the planter rim. Drip irrigation as specified is to be installed beneath the mulch layer.

Repair/Restoration of damaged Nature-strips
Nature strips are to be restored to current grades with any depressions filled with topsoil to specifications above and lightly compacted in 150mm layers. Areas are then to be re-seeded using an appropriate and matching turf type and the area fenced off to allow the re-establishment of lawn. Re-seeded areas are to be well irrigated and the area supplied with a slow release fertiliser at the quantities recommended by the manufacturer.

Any areas of lawn which have failed to germinate (achieve an evenly green 95% covering of a consistent height) are to be re-seeded within one month of original sowing date.

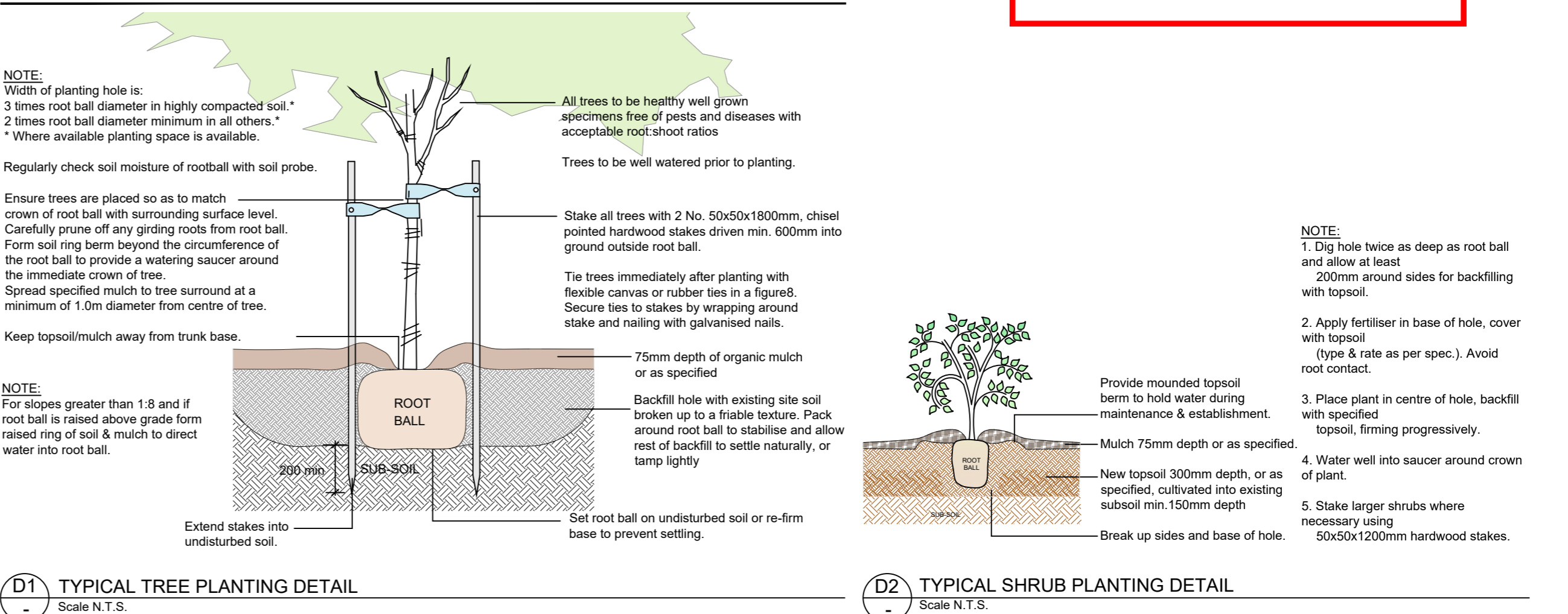
Plant Establishment Period
There shall be a 13 weeks Plant Establishment Period following the approval of Practical Completion by the responsible authority. During this period the landscape contractor shall make good all defects in his/her scope of works. Maintenance and Establishment means the care and maintenance of the contract area by accepted horticultural practices, as well as rectifying any defects that become apparent in the work under normal use. This shall include, but shall not be limited to watering, fertilising, weeding, pruning, pest and disease control, cultivation, re-staking and replacement of any plants that fail with plants of the same species and size.

PLANT SCHEDULE

SYM	BOTANICAL NAME	COMMON NAME	DENEX*	HEIGHT X WIDTH AT MATURITY	MIN SUPPLY SIZE	QTY
TREES						
Er	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	EN	8-10 x 3-5m	50cm/2.0mH	7
EplS	<i>Eucalyptus pauciflora</i> 'Little Snowman'	Dwarf Snow Gum	EN	5-10 x 4-6m	50cm/2.0mH	2
LxB	<i>Lagerstroemia indica</i> x <i>L. laurifolia</i> 'Blot'	Bloxi Crepe Myrtle	D/EX	7 x 5m	50cm/2.0mH	5
PcFF	<i>Pyrus calleryana</i> 'Fronzani Frontier'	Fronzani Pear	D/EX	10 x 4m	50cm/2.0mH	5
QpP	<i>Quercus palustris</i> 'Ringreen'	Green Pillar	D/EX	14 x 3m	50cm/2.0mH	3
TL	<i>Tristania laurina</i> 'Luscious'	Luscious Kanooka/Water Gum	EN	7-10 x 5m	30cm/1.5mH	2
SHRUBS						
Cu	<i>Correa alba</i>	White Correa	EN	1-1.5 x 1-1.5m	140mm pot	14
GPC	<i>Grevillea banksii</i> x <i>G. bignoniifolia</i> 'Peaches & Cream'	Grevillea Peaches & Cream	EN	1.2 x 1.5m	140mm pot	14
Mp	<i>Murraya paniculata</i>	Orange Jessamine	E/EX	2 x 1m (Clipped)	200mm pot	14
MpM	<i>Murraya paniculata</i> 'Mini-mini'	Dwarf Orange Jessamine	E/EX	1 x 1m	140mm pot	14
RCW	<i>Rhaphitolepis indica</i> 'Cosmo: White'	Cosmo: White Indian Hawthorn	E/EX	1.5-2 x 1.5m	140mm pot	14
Sr	<i>Sarcococca ruscifolia</i>	Fragrant Sweet Box	E/EX	1.5 x 1.5m	140mm pot	14
SaR	<i>Syzygium australe</i> 'Resilience'	Resilience Lilly-pilly	EN	4 x 1m (Clipped)	200mm pot	14
GROUNDCOVERS & GRASSES						
ANCQ	<i>Alyssa rostrata</i> 'Cathie's Giant'	Cathie's Borage	E/EX	0.45 x 0.6m	140mm pot	14
Ac	<i>Anthyrodium cirratum</i>	Renga Lily	E/EX	0.7 x 0.7m	140mm pot	14
Cr	<i>Carpobrotus rosali</i>	Karkalla	EN	Spreading	140mm pot	14
DCB	<i>Dianella caerulea</i> 'Breeze'	Breeze Paro Lily	EN	0.7 x 0.7m	140mm pot	14
DEA	<i>Dianella tasmanica</i> 'Emerald Arch'	Emerald Arch Lily	EN	0.45 x 0.45m	140mm pot	14
LmS	<i>Liriope muscarifolia</i> 'Samantha'	Samantha Pink Lily-turf	E/EX	0.4 x 0.4m	140mm pot	14
LIT	<i>Lomandra longifolia</i> 'Tanika'	Tanika Mat-rush	EN	0.50-0.6 x 0.65m	140mm pot	14
PbL	<i>Pennisetum alopecuroides</i> 'Black Lea'	Black Lea Fountain Grass	EN	0.6 x 0.6m	140mm pot	14
PjK	<i>Poa polyformis</i> 'Kingsdale'	Kingsdale Tussock Grass	EN	0.45 x 0.45m	140mm pot	14
Rh	<i>Ruscus hypoglossum</i>	Butcher's Broom	E/EX	0.5 x 0.6m	140mm pot	14
TOTAL						24

*D/E = Deciduous/Evergreen NE/EX = Native/Exotic

TYPICAL PLANTING DETAILS



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