

Specifications

Subgrade preparation

Site preparation to be carried out in accordance with best horticultural practice and under suitable conditions. Disturbance to indigenous soil structure is to be minimised. The use of machinery that may damage soil structure or profile is not acceptable. Sub-grade to all lawn and planted areas is to be cultivated to a minimum depth of 150mm and shaped to achieve drainage falls prior to topsoiling. Subgrade to be tested prior to preparation and conditioning to determine pH, salinity and gypsum requirement. Any gypsum required is to be distributed at the manufacturers recommended rate and cultivated into the sub-grade at a minimum depth of 150mm. Proposed topping areas to be graded / drained to prevent water discharge into neighbouring properties

Weed control

Remove and dispose of environmental weeds off site prior to subgrade preparation, topsoiling and planting works.

Soil Preparation

Topsoil is to be spread in maximum 150mm layers, lightly compacted by use of a 150-200kg roller, or by thoroughly walking until it accords with finished kerb levels or to within 75mm below edging levels to accommodate mulch. Imported topsoil for garden beds is to be medium texture general purpose garden soil and lightly compacted to minimum 900mm depth to garden beds. Soil is to comply with s.a.a. 223-950B, and as follows:

- free from perennial weeds and their roots, bulbs and rhizomes
- free from building rubble and any other matter deleterious to plant growth
- pH to be 6.0-7.0
- texture to be light to medium friable loam
- free from silt material

Imported topsoil for lawn rejuvenation / establishment shall have the above characteristics, but shall be a free draining sandy loam. Lightly compacted to minimum 100mm depth

Mulch

The specified mulch for garden beds is to be an aged organic material with 60-80 percent of its volume being wood chips particles in a size range of 25-50 mm maximum. Mulch is to be spread at a consolidated depth of 75mm

Planting Procedure

If soil to planting hole is dry - fill with water and allow to drain completely. Tree roots are to be tested outdoors if matted or coiled occurs prior to backfilling. Place tree in centre of hole on firm soil to prevent sinking, ensuring top of the rootball is flush with the surrounding soil surface and the trunk is vertical. Backfill material is to be in a loose, friable state, with no bricks, rocks or foreign material - if sufficient material is not available from the original hole to backfill, a similar soil type must be sourced and used. Soil material must be firmly backfilled in layers to prevent large air pockets from occurring, then thoroughly watered in. Trees to be staked with two 225mm x 25mm hardwood stakes driven firmly into the ground - stakes must not be placed through the rootball area. Trees are to be secured to each stake with a strong, soft and flexible lashing, tight enough to support the tree in windy conditions - yet loose enough to stimulate development of a good supportive root system. Tree tie material must not injure tree bark or restrict trunk growth for a minimum period of three years. Slow release fertiliser (36 month formulation) such as Osmocote is to be applied to the top of the rootball area away from the trunk / stem to manufacturers specifications and watered in immediately. All trees to be mulched to a diameter of 150mm wide and to a depth of 100mm but must not be in contact with the tree trunk. Mulch is to be an aged organic material with 60-80 percent of its volume being wood chip particles in a size range of 25-50mm maximum. Mulch is to be spread at a consolidated depth of 75mm. The planting hole surface is to be shaped to minimise waterlogging/excessive water retention but retain the mulch material neatly. The site must be left in a clean and safe condition

Plant Establishment Period

The landscape is to be maintained by applying best horticultural practice to promote healthy plant performance for a 23 week establishment period following the approval of Practical Completion by the responsible authority including (but not limited to) the following tasks - Pruning as necessary to maintain plants in a healthy and structurally

sound manner, pest and diseases - vegetation to be pest and disease free, mulching, staking and tying - 75mm mulch depth to be maintained around tree bases throughout maintenance period, watering - as often as necessary to ensure healthy and vigorous growth in accordance with current local watering regulations, weeding - maintained in a weed free state over the entire mulch area by spraying or mechanical mean, fertilising - 36 x monthly slow release fertiliser in accordance with manufacturers recommended application rates, replacement of deceased, stolon or vandalised plants beyond repair or regrowth with the same species as specified in the plant schedule within the assigned maintenance period

Irrigation

An in-ground automatic or manual drip (or spray where practical) irrigation system to be installed to all garden areas (and planter boxes if applicable) to be operated in accordance with current local watering regulations.

Timber Edging

Timber edging to be 75mm x 32mm treated pine secured to 300mm long treated pine stakes at nom. min 1000mm spacings with galvanised screws and installed to all junctions between garden beds, lawn and topping / pebble areas

Drainage

Landscape and / or building contractor(s) are responsible for civil and hydraulic computations for landscape building works including, but not limited to surface and sub surface drainage for all landscape areas prior to commencement of works

General

It is the responsibility of the consulting engineer to specify building construction methods for all existing and proposed built constructions on and off site that are able to withstand disturbance from proposed trees and planting - whether directly from the tree/plant, or as a result of changes to the soil profile (i.e. soil movement as a result of changes in moisture levels). It is recommended that root control barriers be installed for any proposed trees located within gsmetres of any proposed or existing (including neighbouring) building lines, retaining walls, rain gardens and any built constructions.

Any cross section drawings provided on this plan are indicative only. Refer to the construction drawings prepared by the architect and consulting engineer which take precedence.

Plants - Quality of Trees and Shrubs

Trees and shrubs shall be healthy nursery stock free from insects, diseases and weeds. The specified plant heights, and pot sizes are minimums. If plant material is unavailable in these sizes, larger stock must be used. Plant substitution is not acceptable unless confirmed by the responsible authority in writing. The contractor is to supply and install semi mature trees which meet the following criteria: Have a minimum planted height to sizes as indicated in the plant schedule, have a minimum trunk calliper of 50mm at ground level, be undamaged and free of diseases and insect pests, not be root bound or have circling or girdling roots but have roots grown to the edge of - the container, should bear a single straight trunk, strong branching pattern, and full canopy, show healthy, vigorous growth

Protection of Existing Trees

This plan is to be read in conjunction with the Arboricultural Report prepared by Bluegum (09.05.2024).

All existing vegetation shown on the endorsed plan (subject site and neighbouring properties) is to be retained must be suitably marked before any development (including demolition) commences on the land and that vegetation must not be removed, destroyed or lopped without the written consent of the responsible authority. Before the commencement of works (including demolition) start, tree protection barriers must be erected around trees (subject site and neighbouring properties) to form a defined tree protection zone during demolition and construction in accordance with tree protection measures as per AS 4370-2009 (Protection of trees on development sites) and to the satisfaction of the responsible authority.

Any pruning that is required must be carried out by a trained and competent arborist with a thorough knowledge of tree physiology and pruning methods to carry out pruning to the Australian standard - AS 4373-2007 (Pruning of amenity trees). All tree protection practices must be adhered to in accordance with the arboricultural report and to the satisfaction of the responsible authority

Surface Finishes Detail

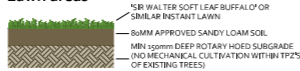
Garden Beds



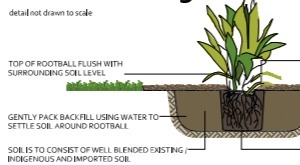
Topping / Pebble Areas



Lawn areas

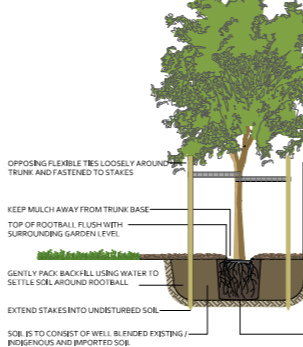


Shrub Planting

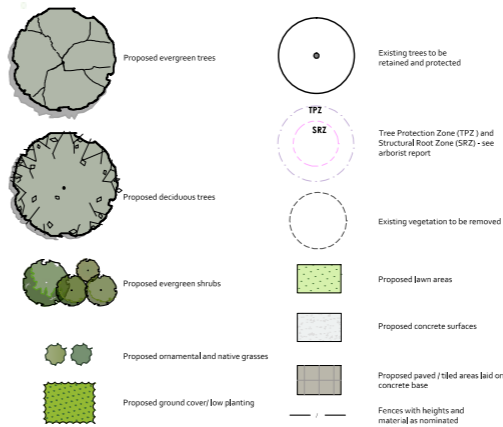


Advanced Tree Planting

detail not drawn to scale



Legend



Proposed Planting Schedule

Code	Botanical Name	Common Name	Supply Size	Mature HxW(m)	Qty
TREES					
AM	Acacia melanoxylon	Blackwood	40ltr/min 1.8m high	12 x 7	2
APE	Acer palmatum 'Elegans'	Japanese Maple	40ltr/min 1.8m high	4 x 3	3
EY	Eucalyptus polyanthemos	Red Box	40ltr/min 1.8m high	15 x 8	2
LIN	Lagerstroemia indica 'Natchez'	White Crepe Myrtle	40ltr/min 1.8m high	6 x 4	1
TOTAL					8
LARGE SHRUBS					
CG	Correa glabra	Rock Correa	14cm pot	2 x 2	14
COG	Cotinus coccinea 'Grace'	Smoke Bush	20cm pot	3 x 3	2
DO	Dodonaea viscosa subsp. spatulata	Hop Bush	20cm pot	3 x 2	4
LEL	Leptospermum lanigerum	Woolly Tea Tree	20cm pot	3 x 1.75	12
MEDIUM SHRUBS					
CR	Correa reflexa	Common Correa	14cm pot	1.1 x 1.2	11
GO	Goodenia ovata	Hop Goodenia	14cm pot	1.5 x 1.5	13
RHO	Rhaplopterys indica 'Oriental Pearl'	Indian Hawthorn	14cm pot	.90 x 1	60
RO	Rosmarinus officinalis	Rosemary	14cm pot	1.2 x 1	25
SNB	Salvia nemorosa 'Balkan Hills'	Woodland Sage	14cm pot	.80 x .60	12
GROUND COVERS & LOW SHRUBS					
CHR	Chrysanthemum apiculatum	Yellow Buttons	14cm pot	.20 x .80	14
DIR	Dichondra repens	Kidney Weed	10cm pot	.10 x 1	6
SS	Senecio serpens	Blue Chalk Sticks	14cm pot	.20 x .70	39
VH	Viola hederacea	Native Violet	14cm pot	.17 x 2	24
TUSsocks / GRASSES / EVERGREEN PERENNIALS					
DL	Dianella longifolia	Smooth Flax Lily	10cm pot	.80 x .60	22
LMJ	Liriope muscari 'Just Right'	Liriope	14cm pot	.50 x .50	115
LL	Lomandra longifolia	Spiry-Headed Mat Rush	14cm pot	1 x 1	19
LLT	Lomandra 'Lime Tuft'	Lomandra	10cm pot	.50 x .50	18
PA	Poa maritima	Velvet Tussock Grass	10cm pot	.50 x .50	118