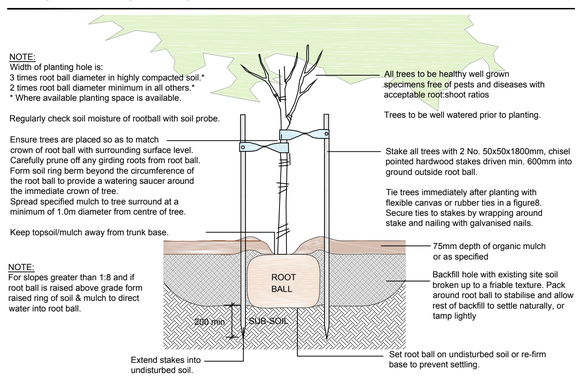
LEGEND

- Existing Tree to be Retained & Protected No. Refer to Assessment By Galbraith & Associates, Nov 2014
- New Council Street Tree To Council Approval & Selection
- Proposed New Street or Reserve Tree Refer to Plant Schedule
- Proposed New Trees Refer to Plant Schedule
- Proposed New Shrubs Refer to Plant Schedule
- Proposed New Public & Private Planting Zones Refer to Plant Schedule
- Proposed New Lawn Area Refer to Specification
- Proposed New Paving Type 1 To Later Detail
- Proposed New Paving Type 2 To Later Detail
- Proposed New Footpath To Later Detail
- Proposed New Threshold Paving To Later Detail
- Proposed Driveway Surface To Later Detail
- Proposed New Coloured Concrete To Architects Detail
- Reinstated/Repaired Naturestrip Refer to Specification

TYPICAL PLANTING DETAILS



D1 TYPICAL TREE PLANTING DETAIL
Scale N.T.S.

PLANT SCHEDULE

SYM	BOTANICAL NAME	COMMON NAME	D/E N/Ex/I*	HEIGHT X WIDTH AT MATURITY	MIN SUPPLY SIZE	QTY
TREES						
Ac	*Angophora costata*	Smooth Bark Apple	E/N	20 x 15m	50cm/2.0mH	5
Ce	*Corymbia eximia*	Bloodw ood	E/N	10 x 7m	50cm/2.0mH	24
Es	*Eucalyptus scoparia*	Wallangarra White Gum	E/N	10 x 6m	50cm/2.0mH	38
Hb	*Hakea bucculenta*	Hakea	E/N	4 x 3m	50cm/2.0mH	26
LfF	*Lagerstroemia fauriei 'Fantasy'*	Fantasy Crepe Myrtle	D/Ex	9 x 8m	50cm/2.0mH	41
Tl	*Tristaniopsis laurina*	Kanooka/Water Gum	E/N	7-9 x 5m	50cm/2.0mH	46
					TOTAL	**180**
SHRUBS						
Aa	*Acacia acinacea*	Gold Dust Wattle	E/N	1.5-2 x 2-4m	140mm pot	TO LATER DETAIL
Ab	*Acacia boormannii*	Snow y River Wattle	E/N	4 x 4m	140mm pot	
Ap	*Acacia podalyriifolia*	Queensland Silver Wattle	E/N	6 x 3m	140mm pot	
Ca	*Correa alba*	White Correa	E/N	1-1.5 x 1-1.5m	140mm pot	
De	*Doryanthes excelsa*	Gymea Lily	E/N	2.5 x 1.5m	140mm pot	
PFG	*Philotheca 'Flow er Girl'*	Flow er Girl Wax Flow er	E/N	1 x 1.2m	140mm pot	
SaAS	*Syzygium australe 'Aussie Southern'*	Aussie Southern Lilly-pilly	E/N	5 x 2m	200mm pot	
					TOTAL	
GROUNDCOVERS & GRASSES						
DcLJ	*Dianella caerulea 'Little Jess'*	Little Jess Paroo Lily	E/N	0.4 x 0.4m	140mm pot	
GPRM	*Grevillea 'Poorinda Royal Mantle'*	Groundcover Grevillea	E/N	0.3 x 4m	140mm pot	
LIN	*Lomandra longifolia 'Nyalla'*	Nyalla Mat-rush	E/N	0.8-0.9 x 0.8-0.9m	140mm pot	
Mp	*Myoporum parvifolium*	Creeping Boobialla	E/N	0.2 x 1-3m	140mm pot	
Po	*Patersonia occidentalis*	Long-leaf Purple Flag	E/N	0.3 x 0.5m	140mm pot	
Scv	*Scaevola 'Mauve Clusters'*	Mauve Clusters Fan Flow er	E/N	0.3 x 0.6m	140mm pot	
Ts	*Thryptomene Saxicola*	Pink Rock Myrtle	E/N	1.5 x 1.5m	140mm pot	
Vh	*Viola hederacea*	Native Violet	E/N	0.15 x Spreading	140mm pot	
					TOTAL	
CLIMBERS						
Hv	*Hardenbergia violacea*	False Sarsaparilla/Purple Coral Pea	E/I	Climber/Scrambler	140mm pot	
Kr	*Kennedia rubicunda*	Dusky Coral Pea	E/N	Climber	140mm pot	
Pp	*Pandorea pandorana*	Wonga Wonga Vine	E/N	Tw ining Climber	140mm pot	
					TOTAL	

*D/E = Deciduous/Evergreen N/Ex/I = Native/Exotic/Indigenous

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 curl 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 root-ball 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.

Lawn - Hydroseed
Thoroughly eradicate weeds prior to the installation of lawn seed. This is to be done by approved methods such as manual removal, non-residual systemic or knock-down herbicides.
Pre-treat seed for Hydroseeding no more than 24 hours prior to installation in accordance with accepted standards as prescribed to achieve the intended application method. All appropriate inoculants are to be used as required to achieve maximum germination and survival of lawn seed. Material slurry is to be formed in a purpose-made mechanical mixer. Seed, fertiliser, cellulose binder and water are to be incorporated to form a mix suitable for hydraulic application.
Topsoil is to be moistened to its full depth prior to the application of the slurry, which is to be applied using high pressure pumping equipment operated by a trained professional. A thoroughly mixed supply of slurry is to be spread under pressure in a manner which achieves even distribution. The Hydroseeded area is to be irrigated immediately following sowing, either by hand or through an irrigation system, and is to continue to be irrigated until grass is fully established. 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.

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 garden beds. 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.

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.

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CLIENT
Alvina Development Pty Ltd

PROJECT
Residential Development

10 Alvina Street,
Oakleigh South

DRAWING
Landscape Plan
For VCAT

SCALE	1:200 @ A0
DATE	July 2017
DRAWN	CM
CHECKED	JP
JOB NO	16-999
DWG NO	L-VCAT01
CAD FILE	16-999 L-VCAT01