



TREE PROTECTION GUIDELINES

- The TPZ is an area isolated from construction disturbance - which includes excavation, compacted fill and machine trenching - so that the tree remains viable. Any root excavation within the TPZ shall be avoided and this is to be done during the design and planning stage.
- A protection barrier shall be set up around the trees to be retained. The fencing material is to be constructed of a galvanised steel mesh type of material. Fence height 2.1 metres. Concrete filled blow moulded fence feet are to be used as a base support so no protrusion into the soil will take place.
- If temporary access is required through the TPZ, the area shall be covered by sheets of heavy plywood and reinstated immediately afterwards.
- Any underground service installations shall be bored within the TPZ.
- No fuel, oil dumps, chemicals, materials, equipment, vehicles or temporary buildings shall be allowed in the Tree Protection Zone. Nothing whatsoever shall be attached to any tree including wires, nails, screws or other devices.
- Supplementary watering shall be provided to all trees throughout any dry or windy periods during and after the construction process.
- Any pruning required must be carried out by a trained and competent Arborist to comply with Australian Standard AS 4373 - 1996 Pruning of Ornamental Trees.
- Activities to be restricted within the TPZ and other notes are outlined in the Australian Standard AS 4970 - 2009 Protection of Trees on Development Sites

PREPARING A GARDEN BED FROM A BUILDING SITE

- CLEANING**
Clean the site of debris and weeds. If soil is contaminated by paint or concrete wash - which shall be avoided - it must be dug out and removed. If in a tree protection zone (TPZ) - more reason to prevent - it shall be hand excavated to avoid cutting roots. The topsoil shall be replaced with site soil or imported topsoil that complies with AS 4419 - 2003
- GRADING AND DRAINAGE**
In areas with existing topsoil that will be paved the topsoil can be excavated (unless in TPZs) and stockpiled - to be later used on garden beds.
- Grade the area into garden beds (slightly higher) and lawn or gravel areas. Garden beds shall be edged with sustainably sourced materials eg treated pine.
 - Check the drainage of the area by running a sprinkler for 5 - 10 minutes (check water restrictions) and look where the water flows, noting any water tracks or ponding in areas. Adjust grading accordingly. Garden beds, paths and lawn or gravel areas shall all drain towards a drainage grate, pit or raingarden.
 - Drainage issues may be addressed by the creation of a swale, which can be covered with rock pieces or a sump pit filled with crushed rock wrapped in porous geotextile and covered with lawn or stones.
- IMPROVING SOILS**
Existing garden beds can be prepared with added organic material such as well rotted manures or materials from plant and animal sources sold as soil improvers or compost and prepared to AS 4454 - 2003. These can just be top dressed (placed over the top of the soil) and then covered with mulch. If there is no existing topsoil left then imported topsoil that complies with AS 4419 - 2003 shall be used with organic mulch on top.
- Hard clay sub-soils can be fractured or ripped to break them up without destroying their structure. This can be done in small areas with vertical action by a garden fork or spade and subsequent placement of organic matter into the vertical spaces. This shall be top dressed with organic material and then mulch added over the top.
 - Soil excavation shall not be carried out in Tree Protection Zones.
 - Clay soils shall never be cultivated in any way when they are wet.
 - Use of plastic weed mats, solid or woven are inappropriate as they deprive soil of oxygen.

MAINTENANCE NOTES

- WATERING**
Plants shall be watered immediately after planting, then weekly for the first month, then fortnightly for the first 3 months. Watering is unnecessary if there has been enough recent rain. Additional watering is required on days over 30°C or high wind days. Drought tolerant species are selected but all plants will look better if given fortnightly irrigation over hot dry periods.
- WEEDING**
Removal of weeds by hand and/or by a glyphosate preparation once a month or as required. Take care to avoid spray drift and follow manufacturers' instructions.
- PRUNING**
Shrubs and young trees shall be pruned at 3 months, 6 months and then yearly for: dead, diseased, misshapen or crossed branches and general shaping. Young trees shall be pruned of competing stems to ensure a single main trunk. Stakes shall be removed after one year. Once established, trees shall be checked by a qualified Arborist for form and safety every 5 years.
- PEST AND DISEASE CONTROL**
Check plants for damage once a month and use relevant sprays to manufacturers specifications.
- FERTILISERS**
A general organic low phosphorous fertiliser shall be placed under mulch or incorporated into the soil with a vertical spade cut once every 6 months.
- LAWNS**
Mowing every 3 to 6 weeks, depending on time of year, rainfall and growth to 50mm height. Pest, weed control and fertilising with a liquid preparation once every 6 months.
- GENERAL**
Remove rubbish and replace dead plants with the same species. Maintain mulch levels.
- EDGING**
All garden bed areas must be edged using brick, timber (renewable resource), High Density Poly Ethylene garden edging steel or aluminium.
- MULCH**
All garden beds must be mulched to a depth of 75mm - 100mm. Use a coarse grade organic mulch with a sustainably sourced material with an average particle size of 10mm.
- WEEDS**
All environmental weeds must be removed from the site prior to planting.

ARBORIST ASSESSMENT - Refer to
Arborist Assessment prepared by Greater Gippsland Tree and Garden Care Arborist - Rob Wall on the 14 April 2024.



PLANT SCHEDULE

CODE	BOTANICAL NAME	COMMON NAME	QTY	MATURE H x W	POT SIZE
TREES					
CSC	Corymbia 'Scentuosus'	Scentuosus		7m x 3m	45cm
LIT	Lagerstroemia indica x 'fourier'	Tussock Crepe Myrtle		4.5m x 5m	45cm
PC	Pyrus calleryana 'Aristocrat'	Aristocrat		11m x 7m	45cm
TL	Fraxinus laurina	Kanooka		5m x 5m	45cm
SHRUBS					
AC	Acacia cognata 'Mini Cog'	Dwarf Bower Wattle		.75m x 1.5m	20cm pot
AS	Acmena smithii var. 'Minor'	Compact Lilly Pilly		3m x 1.5m	20cm pot
CSL	Callistemon 'Slim'	Bottlebrush		3m x 1m	20cm pot
COR	Correa alba	Coastal Correa		1.2m x 1.5m	20cm pot
WFJ	Westringia fruticosa 'Jervis Gem'	Jervis Gem		1m x 1m	14 cm pot
SAB	Syzygium australe 'Bush Christmas'	Bush Christmas Lilly Pilly		3m x 2m	20cm pot
WFN	Westringia fruticosa 'Narlinga'	Coast Rosemary		2m x .8m	20cm pot
GROUND COVERS & LOW SHRUBS					
BSB	Banksia spinulosa 'Birthday Candles'	Birthday Candles Banksia		.5m x .8m	14 cm pot
CPB	Caropobrotus rossii	Native Pig Face		.2m x 1.2m	14 cm pot
CD	Correa 'Dusky Bells'	Dusky Bell Correa		.45m x 1.2m	14 cm pot
CRM	Correa reflexa var. 'mummburfordii'	Common Correa		.2m x 1.0m	14 cm pot
MMY	Myoporum laetifolium 'Yareena'	Yareena		.2m x 1.2m	14 cm pot
BMS	Brachyglottis salicifolia	Salibush		.4m x 1.2m	14 cm pot
LF	Leptospermum 'Core Shore'	Dwarf Tea Tree		.5m x 1m	20cm pot
TUSsockS / GRASSES / EVERGREEN PERENNIALS					
DCB	Dianella caerulea 'Breeze'	Breeze Flax Lily		.7m x .65m	14cm pot
DL	Dianella longifolia	Smooth Flax Lily		.8m x .6m	14cm pot
LLT	Lomandra 'Lime Tuff'	Lime Tuff		.6m x .6m	14cm pot

BENNETT LANDSCAPE DESIGN

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SHEET 1 OF 1