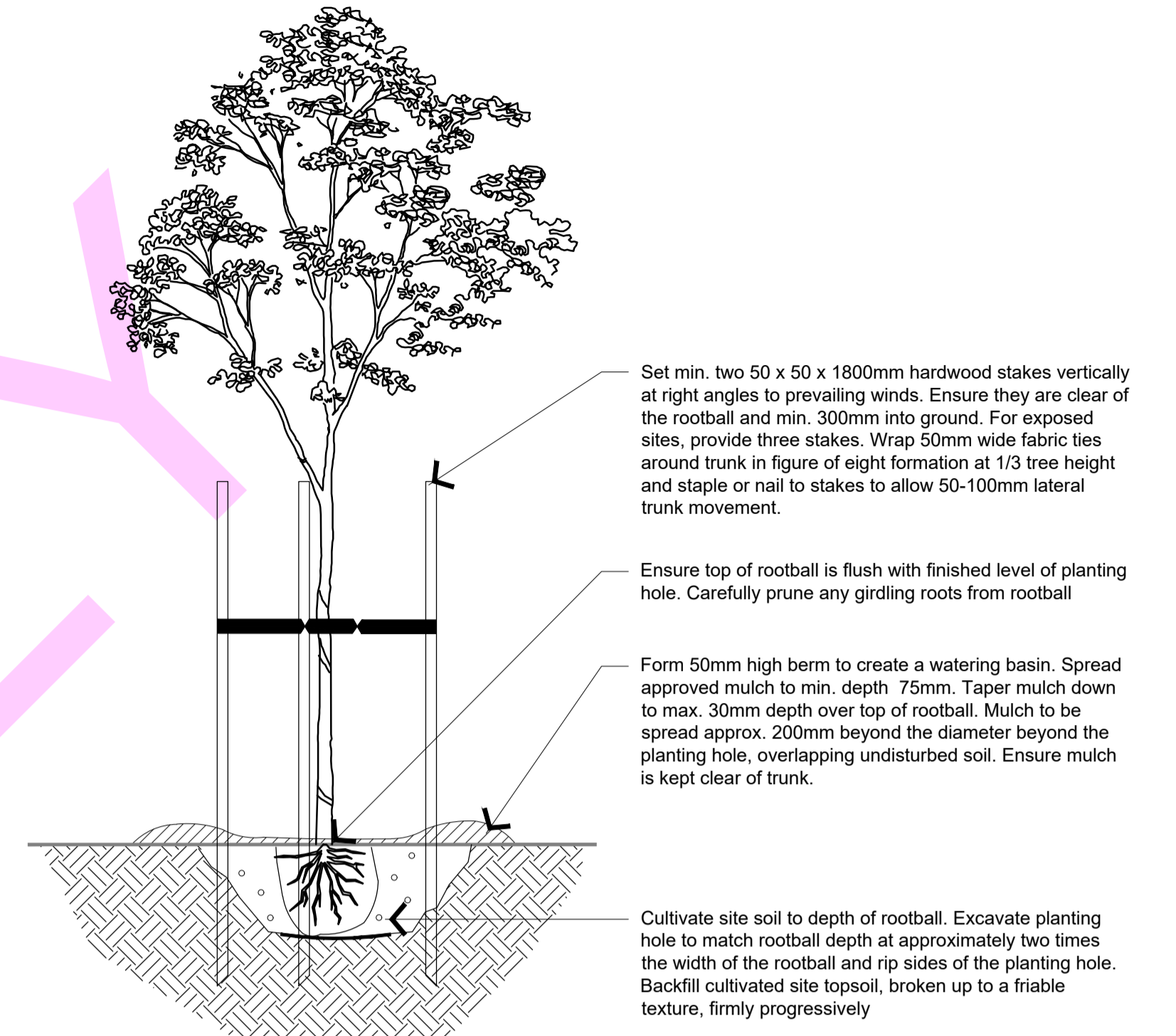


Landscape Details



- Notes:**
- All trees to be healthy, well grown specimens, free of pests and diseases with acceptable root shoot ratios.
 - Verify location of all services and offsets prior to installation.
 - Trees must remain moist throughout the tree planting process, including prior to planting.
 - Post planting, provide adequate irrigation as per tree water specification.

D01 TREE PLANTING SECTION 1:20

Landscape Notes - General Construction

- These notes are to read as a general guide for implementation of the landscape plan. This drawing is not for construction and is to be used for Town Planning purposes only. The final locations of all services and other assets may not be known at the town planning stage and the landscape plan may need to be revised to respond to building permit civil and architectural plans.
- Demolition:** Vegetation to be removed shall be mulched for re-use on the site. Strip and stockpile existing site topsoil prior to building works commencing and re-use in the landscape.
- Pavement:** Consider using recycled concrete aggregate for sub grade material. Drain pavements to garden beds (install sub surface drains in garden beds in poor draining soils where logical).
- Weed Control:** All areas shown on the drawings as mulched planting bed, grassed areas and trees in grassed areas shall include a weed eradication programme using an approved non-residual contact herbicide (Glysophosphate) following the manufacturers specifications. Leave sprayed areas for a period of 1-5 days prior to disturbance and repeat for any weeds still alive.
- Landscape Set Out:** Install edging between all lawn areas and garden beds - type and location as shown in the drawings. The contractor is solely responsible for locating, avoiding and protection of all services on and associated with the site. Dial before you dig - Telephone No: 1100.
- Sub-surface Drainage:** Install sub-surface drainage which discharges to stormwater or soakage pits for any garden bed or grassed area that is poorly drained.
- Sub-soil Ripping:** For garden bed areas and advanced trees, rip to depths shown in the planting details. Mark location of all underground services prior to commencing ripping operations.
- Sub-soil Additives:** Contact your local nursery to obtain advice on additives to adjust the pH level to the desired range of pH 6.0 to 7.0. Some plants tolerate high or low pH levels. If soil is heavy yellow clay, add gypsum at the rate of 1.5 - 2kg/m² for garden beds and 1.5 kg/m² for lawns. In very dry or hydrophobic soils a soil wetting agent shall be added.
- Rotary Cultivation:** After application of soil additives, cultivate plant bed and lawn areas to depths shown on planting plan so as to eliminate compaction and to mix sub-soil and soil additives.
- Topsolling:** Stripped topsoil shall be used where possible and improved so as to meet the specifications for imported topsoil blends in AS 4419-2003. All topsoil to meet this standard.
- Installation:** Spread topsoil as per detailed drawing.
- Mulching:** Wood to AS 4454-1999 or inorganic as per drawings or inflammable when WMO.
- Installation:** Spread over all garden beds to max consolidated depth as per detail.
- Planting of Mulched Beds & Advanced Trees:** Trees to comply with Natspec Purchasing of Landscape Trees - A Field Guide to Assessing Tree Quality.
- Shrubs shall demonstrate a large, well developed with healthy fibrous roots, repeated and sequential division and no evidence of root curl, restriction or damage.
- Installation:** Set out plants in accordance with the drawings. Soak plants prior to planting and when planted at a rate of: Tubes & 140mm pots > 5 lt; 200- 300mm pots > 10 lt; 300mm + > 30 Lt. Climbers require a wire of trellis climbing frame.
- Planting of Grassed Areas:** Install low water use grass such as Palmetto or Sir Walter Buffalo. Use NPK 10:4:6 + trace elements lawn starter.
- Following preparation and topsolling, re-grade to provide smooth contours and to eliminate soil clods. Apply turf roll as per manufacturers instructions. Keep continually moist until established.
- Install a programmable sub-surface drip irrigation system activated by a soil moisture probe to all mulched garden beds areas and for trees in pavement, designed, installed and supplied to the relevant Australian Standards and Codes and used in accordance with current water restrictions. If grassed areas are to be irrigated, they shall be on separate zones to the mulched beds and preferably sub-surface drip.

Tree Protection Notes

- The retention of the existing trees is a critical part of the design of this project, and all care must be taken to protect them during works. All trees being retained are to be protected in accordance with AS4970-2009, Protection of Trees on Development Sites.
- Trees to be retained shall be protected for the duration of time when works are within a 50m radius of the tree. Within the temporary fencing around the Extent of Works, a minimum 1m high, high visibility plastic mesh shall then be provided outside the root zones of the trees and the following adhered to:
- Keep area within drip line free of all equipment, building materials and debris. Do not lean materials, vehicles, equipment or debris against trunks.
 - Nothing whatsoever should be attached to any tree including temporary services wires, nails, screws or any other fixing device.
 - Do not carry out cut and fill operations within the drip line of any trees to be retained other than those specifically nominated on the final grading.
 - Do not rip out roots of nominated trees. Obtain the Superintendent's permission for removal of tree roots greater than 40mm in diameter.
 - Provide a breathing layer around the collar of trees in more than 300mm of fill.
 - When excavations are carried out in the vicinity of trees to be retained, use hand excavation to locate any roots. Clean cut with a saw, roots which need to be removed before commencing machine excavation.
 - No fuel, oil dumps or chemicals shall be allowed in or stored near or adjacent the trees to be retained
 - Should any trees nominated to be retained, be removed or damaged in error by the Contractor, damage shall be applied in accordance with contractual agreements and deducted from the Contract Sum. This includes any associated damage to adjacent properties or assets as a result of tree damage.
- The following measures are to be established in accordance with current Australian Standard 4970-2009, including the following:
- Erection of solid chain mesh or similar type fencing at a minimum height of 1.8 metres in height held in place with concrete feet. If there is insufficient works space available, para webbing or bunting can be used as approved by the Superintendent.
 - All supports and bracing should be outside the TPZ and excavation should avoid roots where possible.
 - Signage placed around the outer edge of perimeter the fencing identifying the area as a TPZ. The signage should be visible from within the development, with the lettering complying with AS 1319. All Contractor staff to be instructed on TPZ measures and how to construct around trees without negatively impacting root zones or the overall health of the tree.
 - Mulch across the surface of the TPZ to a depth of 100mm and undertake supplementary watering in summer months as required.
 - No excavation, constructions works or activities, grade changes, surface treatments or storage of materials of any kind are permitted within the TPZ unless otherwise approved within this permit or further approved in writing by Council or the Responsible Authority.
 - No trenching is allowed within the TPZ for the installation of utility services unless tree sensitive installation methods such as boring have been approved by Council or the Responsible Authority.
 - Where construction is approved within the TPZ, fencing and mulching should be placed at the outer point of the construction area.
 - Where there are approved works within the TPZ, it may only be reduced to the required amount by an authorised person only during approved construction within the TPZ and must be restored in accordance with the above requirements at all other times.

Legend

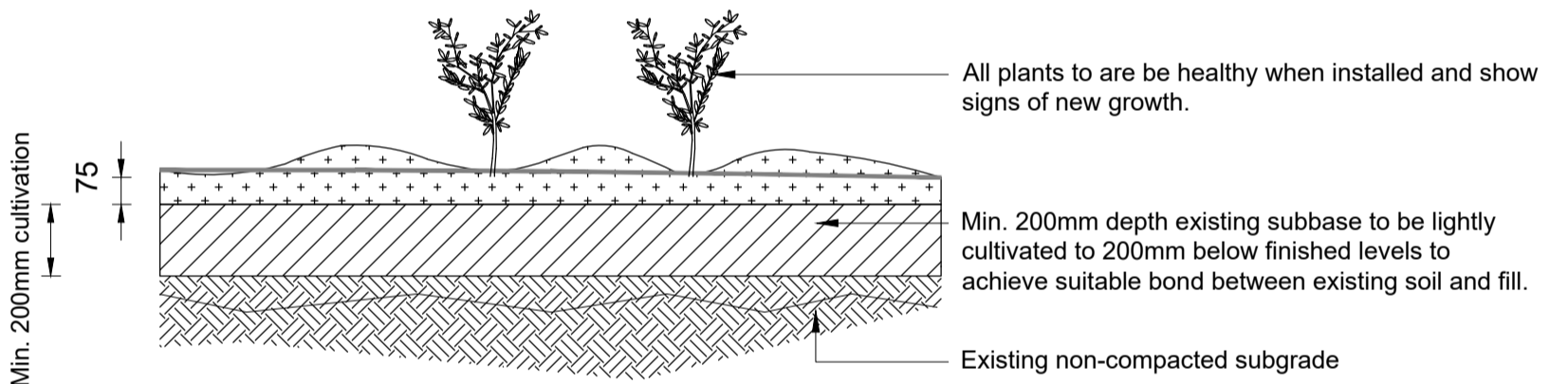
- Existing Tree with TPZ To be Retained
- Proposed New Tree Refer to Plant Schedule
- Proposed New Shrub Refer to Plant Schedule
- Proposed New Groundcovers Refer to Plant Schedule
- Proposed New Climbers Refer to Plant Schedule
- Proposed New Lawn
- Proposed New Paving
- Proposed New Driveway Surface
- Proposed New Timber Deck
- Proposed New Gravel Surface
- Existing Nature-Strip

Plant Schedule

CODE	BOTANICAL NAME	COMMON NAME	MATURE HIGHT	MATURE SPREAD	INSTALL SIZE	QTY
TREES						
Ai	<i>Acacia implexa</i>	Lightwood	10m	5m	2mH	1
CeN	<i>Corymbia eximia 'Nana'</i>	Bloodwood	10m	7m	2mH	1
LIT	<i>Lagerstroemia indica x L. fauriei 'Tuscarora'</i>	Tuscarora Crepe Myrtle	6m	4m	2mH	3
MgA	<i>Magnolia grandiflora 'Alta'</i>	Alta Bull Bay Magnolia	9m	4m	2mH	3
TL	<i>Tristanopsis laurina 'Luscious'</i>	Luscious Water Gum	8m	5m	2mH	1
TOTAL						
9						
SHRUBS						
Ca	<i>Correa alba</i>	White Correa	1m	1m	200mm pot	28
CDB	<i>Correa 'Dusky Bells'</i>	Dusky Bells	0.5m	1m	200mm pot	10
Fj	<i>Fatsia japonica</i>	Japanese Aralia	2m	2m	200mm pot	1
RB	<i>Rhaphiolepis 'Balerna'</i>	Pink Indian Hawthorn	0.7m	0.7m	200mm pot	3
SaR	<i>Syzygium australe 'Resilience'</i>	Resilience Lilly-pilly	3m	1m	300mm pot	36
WAB	<i>Westringia 'Aussie Box'</i>	Native Box	0.6m	0.6m	140mm pot	7
TOTAL						
85						
GROUNDCOVERS						
Cr	<i>Carpobrotus rossii</i>	Pig Face	0.2m	1.5m	140mm pot	107
Cm	<i>Clivia miniata</i>	Clivia	0.6m	0.6m	140mm pot	39
DLR	<i>Dianella revoluta 'Little Rev'</i>	Little Rev Flax Lily	0.4m	0.4m	140mm pot	53
LJR	<i>Liriope muscari 'Just Right'</i>	Just Right Lily-turf	0.5m	0.5m	140mm pot	58
LLT	<i>Lomandra 'Lime Tuff'</i>	Div arf Mat-rush	0.4m	0.4m	140mm pot	69
LT	<i>Lomandra longifolia 'Tanika'</i>	Tanika Mat-rush	0.6m	0.6m	140mm pot	95
TOTAL						
421						
CLIMBERS						
TJ	<i>Trachelospermum jasminoides</i>	Star Jasmine			140mm pot	3
TOTAL						
3						

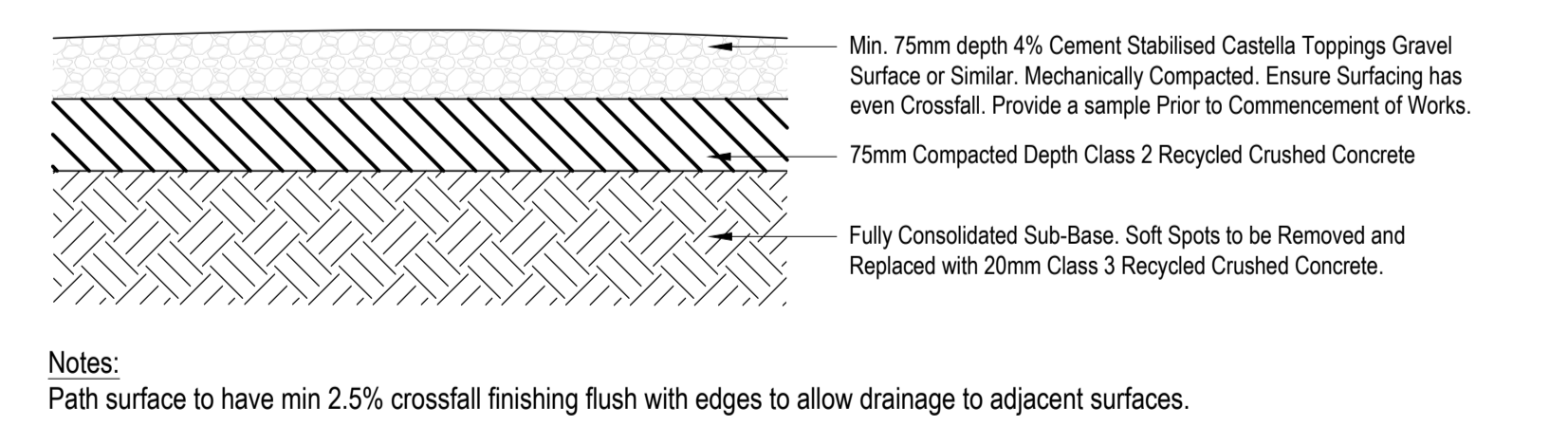
Existing Tree Schedule

No.	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	TPZ	CONDITION	SIGNIFICANCE
1	<i>Eucalyptus scoparia</i>	Wallangarra White Gum	12m	9m	5.23m	Good	High
2	<i>Pittosporum undulatum</i>	Sw eet Pittosporum	3m	2m	2.0m	Poor	High
3	<i>Ulmus parvifolia</i>	Chinese Elm	8m	8m	5.16m	Good	High
4	<i>Acca sellowiana</i>	Feijoa	4m	5m	2.78m	Good	High



- Notes:**
- Soil condition to meet current Australian Standards for Landscaping and Garden Use.
 - Remove and dispose off-site any debris or particle larger than 50mm. This includes rocks, paving material, tree roots, disused infrastructure or weeds. Dispose any waste material to an approved waste site.
 - If particles are > 50mm, contractor is to sieve out particles prior to use.
 - Provide spade edge at transition from lawn to garden bed.
 - Mulch shall be 75mm consolidated depth Euca-mulch.

D02 GARDEN BED PREPARATION SECTION 1:20



- Notes:**
- Path surface to have min 2.5% crossfall finishing flush with edges to allow drainage to adjacent surfaces.

D03 GRAVEL SURFACE SECTION 1:10

N 	DESIGNED BY: SW	CLIENT:	CITY OF WHITEHORSE			
	DRAWN BY: SW	TITLE:	LANDSCAPE CONCEPT PLAN GARDEN SUBURBAN TEMPLATE			
	CHECKED BY: MEM	APPROVED BY: MEM				
	CAD FILE:	DATE: MAY 2022	SCALE: 1:100 @ A1	DRAWING NUMBER: LC 1665 GS	SHEET: 01 OF 01	REVISION: