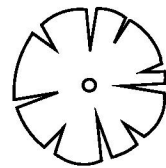
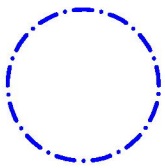




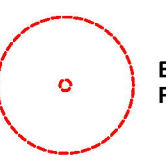
LEGEND



Existing Tree to be Retained
Refer to Arborist Report by
Treelogic for Further Details



Tree Protection Zone (TPZ)
Refer to Tree Protection Notes



Existing Tree to be Removed
Refer to Existing Vegetation Schedule

EXISTING VEGETATION SCHEDULE

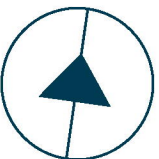
No.	BOTANICAL NAME	COMMON NAME	HEIGHT X WIDTH	Tree Protection Zone (TPZ) Radius	RETAIN / REMOVE	COMMENTS
TREES*						
1	<i>Eucalyptus obliqua</i>	Messmate Stringybark	25 x 13m	15.0m	Retain	-
2	<i>Chamaecyparis lawsoniana</i>	Law sons Cypress	14 x 12m	7.4m	Retain	-
3	<i>Fraxinus excelsior 'aurea'</i>	European Golden Ash	8 x 8m	-	Remove	-
4	<i>Cedrus deodara</i>	Deodar Cedar	23 x 14m	-	Remove	-
5	<i>Melaleuca styphelioides</i>	Prickly Paperbark	14 x 8m	-	Remove	-
6	<i>Magnolia sp.</i>	Willow-leaved ginkgo	5 x 5m	-	Remove	-
7	<i>Eucalyptus macrorhyncha</i>	Red Stringybark	15 x 9m	-	Remove	-

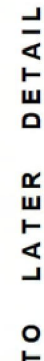
*Refer to Arborist Report by Treelogic (June 2022) for Further Details

TREE PROTECTION NOTES

Tree Protection measures are to be in accordance with Australian Standard AS 4970 -2009
Protection of Trees on Development Sites

- All trees to be retained are to be identified and fenced off, prior to demolition and construction works commencing, or any heavy machinery entering the site. Tree protection fencing is to be established to create an exclusion zone around the tree at the distance from the trunk specified as the Tree Protection Zone (TPZ) or as indicated on the Landscape Plan. Once erected, these areas are to be maintained as 'no go' zones to limit trafficking through the TPZs and avoid inadvertent mechanical damage by construction vehicles and equipment during construction. Fencing is to remain in place until soft landscaping works commence as part of the final stage of site works.
- If access or temporary relocation of protective fencing is required e.g. to allow for the demolition of existing structures, it must be with the approval and supervision of a Project Arborist. The appointed Project Arborist is to be an appropriately experienced and skilled professional with a minimum qualification of Certificate V (or equivalent) in Arboriculture.
- Tree Protection fencing is to be constructed of temporary security fencing (or similar) securely fixed to block bases. No holes are to be dug for fence construction unless outside the specified TPZ. Fencing is to be of a minimum height of 1.8m and is to be secure, so as to deter easy entry. At least one weatherproof sign per side is to be attached to each fenced TPZ and is to clearly state 'TREE PROTECTION ZONE; ENTRY RESTRICTIONS APPLY. DO NOT REMOVE FENCE, CONTACT THE CONTRACTOR IF ENTRY IS REQUIRED. NO EXCAVATING OR TRENCHING, NO STORAGE OF MATERIALS OR WASTE' and is to have the Contractor's (or appointed site foreman) and Project Arborist's contact details
- The ground within all TPZs within the site (both fenced and unfenced) and outside of the building footprints is to be maintained with a 50-100mm layer of coarse woodchips. Woodchips are to be well composted and are to be kept a minimum of 300mm back from the tree's trunk. The soil surface is to be thoroughly wet immediately prior to the installation of the mulch layer. Unless during water restrictions, irrigation is to be provided for each of the trees from December to March inclusive. A weed control program is to be implemented for mulched areas.
- Any root and branch pruning requirements are to be carried out by the appointed Project Arborist and be in accordance with Australian Standard AS 4373-2007 *Pruning of Ornamental Trees*. Where a root diameter of 20mm or greater is encountered during site works, these shall be cleanly pruned by hand, and never torn from the ground by machinery.
- Throughout construction works the Project Arborist is to undertake regular inspections of trees and carry out remedial works as required to ensure trees retain good health and where necessary install additional trunk, branch or ground protection.
- These general protection requirements apply throughout the development process:
 - No heavy machinery is to enter the fenced areas of the TPZ without the express permission of the Project Arborist (emergency service vehicles excluded);
 - No trenching or removal of soil is to take place. Existing levels must be maintained. Garden beds must be constructed using existing site soil;
 - No fill to a depth greater than 100mm is to be installed;
 - Any vegetation located within Tree Protection Zones is to be removed by hand so that no heavy machinery enters into TPZ;
 - No trenched services are to pass through the TPZ. If services are required they are to be bored beneath the root zone to a depth approved by the Project Arborist, or non-destructively excavated, such as hydro excavation, to retain significant roots in situ;
 - No drainage or subsurface irrigation lines are to be installed;
 - No fuel, oil dumps or chemicals shall be allowed in or stored on the Tree Protection Zone. The servicing and refuelling of equipment and vehicles must be carried out away from the root zone;
 - No storage of materials, equipment or temporary buildings will take place over the root zone;
 - No fixtures of any sort shall be attached to the trees for any reason;
 - The Project Arborist is to be consulted prior to heavy machinery accessing any of the fenced TPZ;
 - All machinery is to be kept clear of the tree canopy to prevent impact damage.
 - If damage of any sort is to occur to any tree on site, the Project Arborist must be contacted to take immediate remedial action.
 - Any changes to the building/landscaping design which alter surface or below ground works within the fenced TPZ are to be subject to the approval of the Project Arborist prior to proceeding.



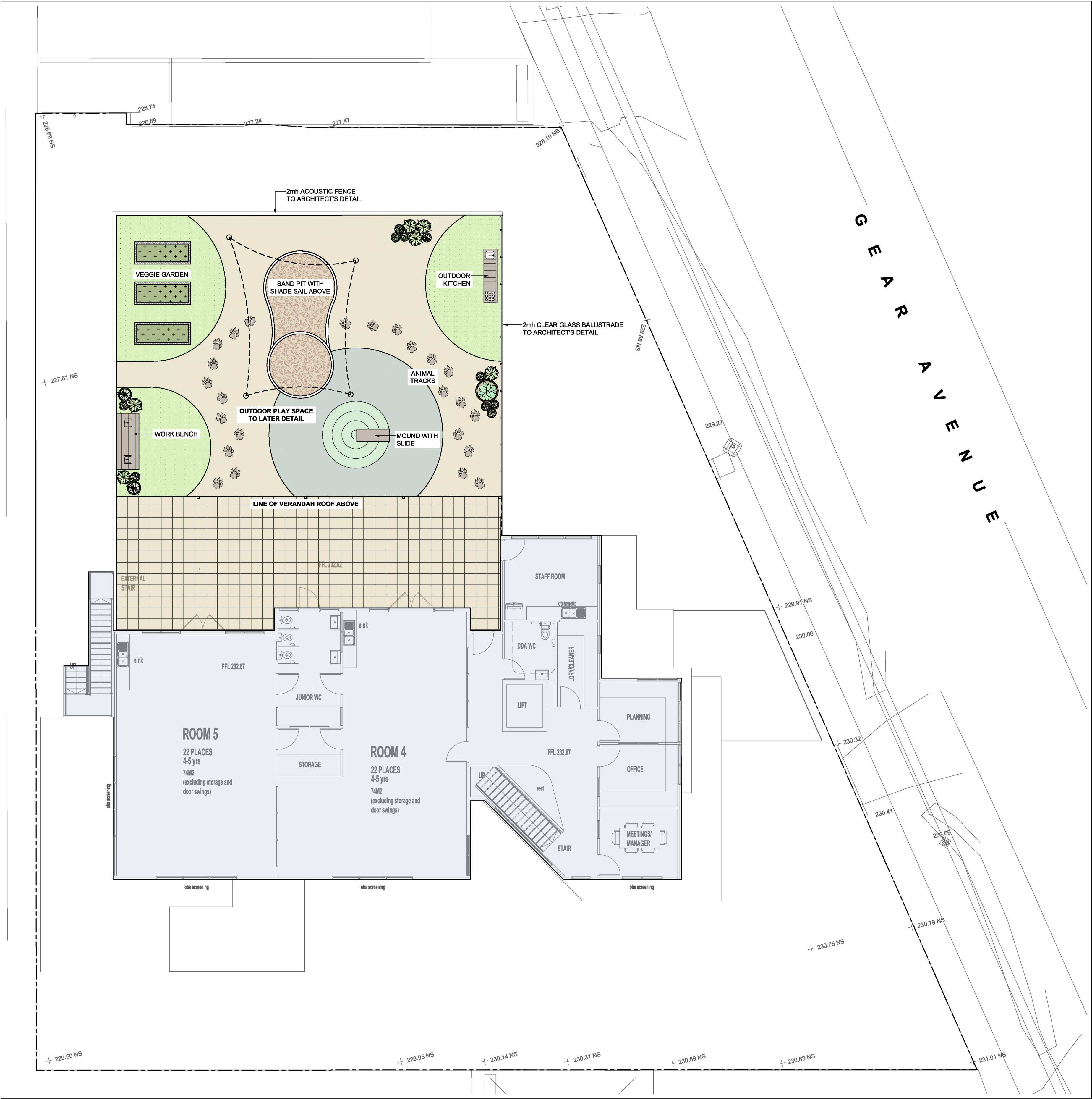


TO LATER DETAIL

Defendable space is provided and is managed in accordance with the following requirements

- ### Construction of Play Equipment within TPZs

- 1:100 @ A1
AUG 2022
DG
KD
22-444
L-TP02 Rev A
22-444-TP Rev A.dwg



	Proposed New Pot Plants Refer to Plant Schedule		Proposed New Synthetic Turf Refer to Specification (TP04)		Proposed New Paving To Later Detail
--	--	--	--	--	--

	Proposed New Raised Veggie Garden To Later Detail		Proposed New Rubber Softfall To Later Detail
--	--	--	---

PLANT SCHEDULE						
SYM	BOTANICAL NAME	COMMON NAME	D/E N/Ex*	HEIGHT X WIDTH AT MATURITY	MIN SUPPLY SIZE	QTY
GROUNDCOVERS & GRASSES						
ALL	<i>Aloe x hybrida</i> 'Lemon Lime'	Yellow Aloe	E/Ex	0.3 x 0.3m	200mm pot	QTY
Ag	<i>Agave gemonifolia</i>	Tw in Flow er Agave	E/Ex	1 x 1m	200mm pot	
CaBW	<i>Crassula arborescens</i> 'Blue Waves'	Blue Waves Crassula	E/Ex	0.45 x 0.45m	200mm pot	
Ss	<i>Senecio serpens</i>	Blue Chalk Sticks	E/Ex	0.2 x 0.6m	200mm pot	
					TOTAL	
*D/E = Deciduous/Evergreen N/Ex = Native/Exotic						

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REVISION
A Council RFI

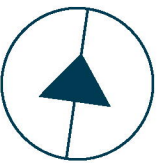
DATE
15.11.2022

BY
MGR



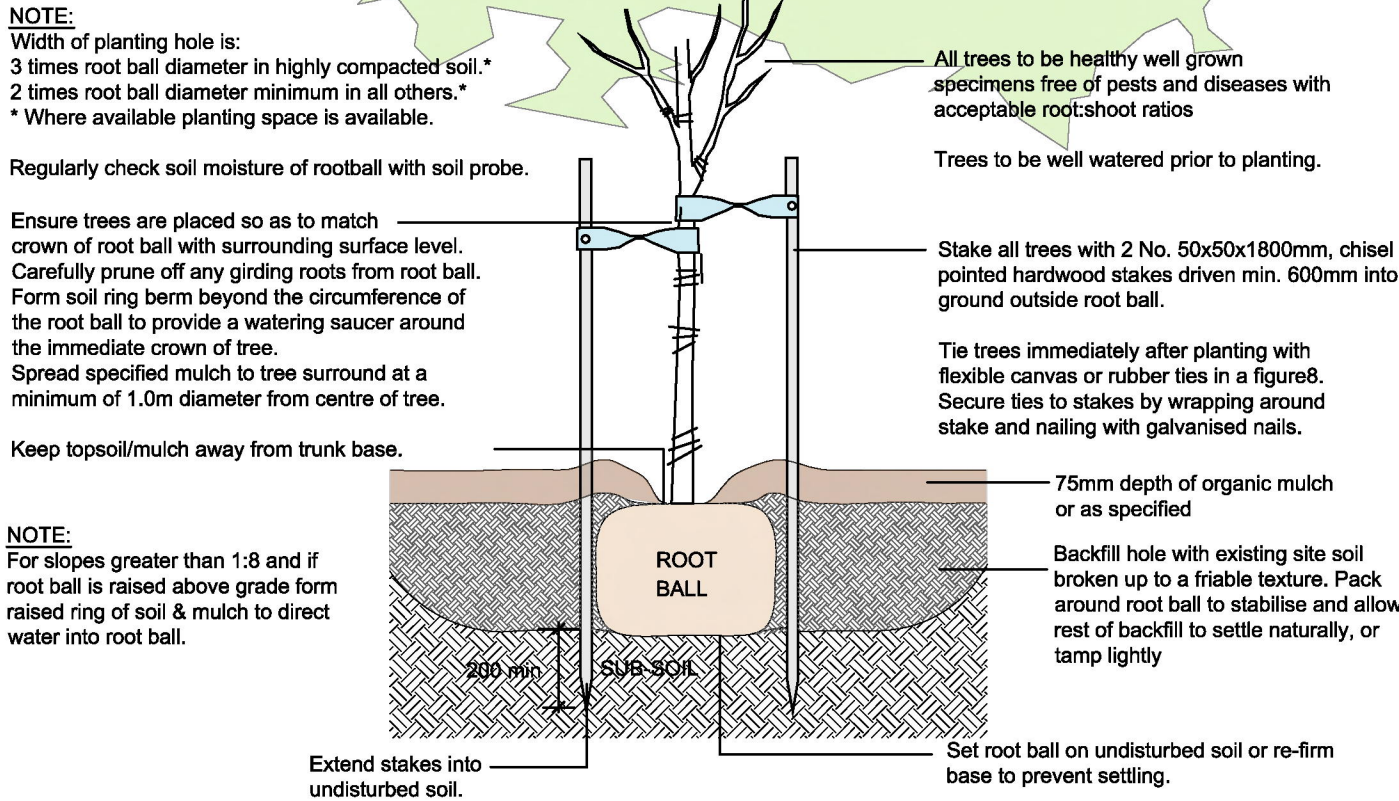
PROJECT
Proposed Childcare
1A Gear Avenue Mt Evelyn

DRAWING
- First Floor -
Landscape Concept for Town Planning

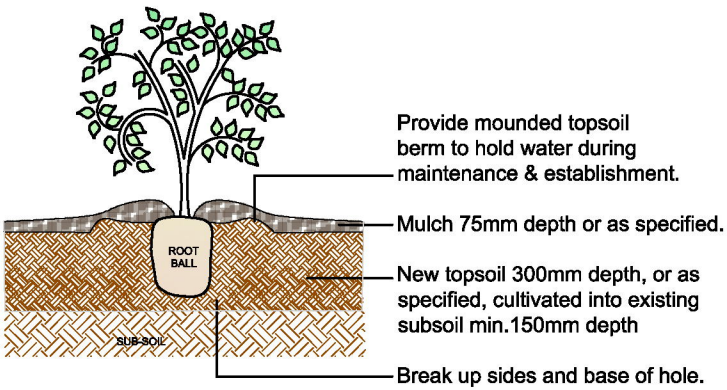


SCALE
1:100 @ A1
DATE
AUG 2022
DRAWN
DG
CHECKED
KD
JOB NO
22-444
DWG NO
L-TP03 Rev A
CAD FILE
22-444-TP Rev A.dwg

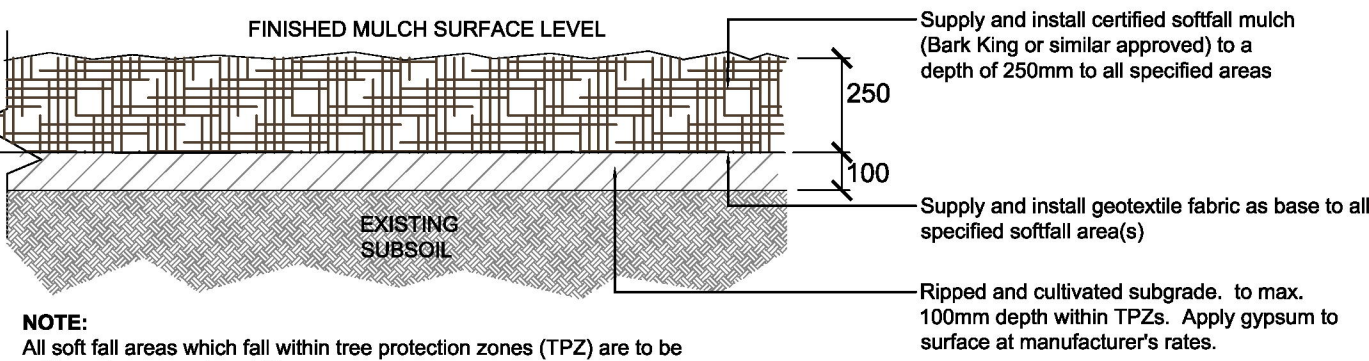
TYPICAL DETAILS



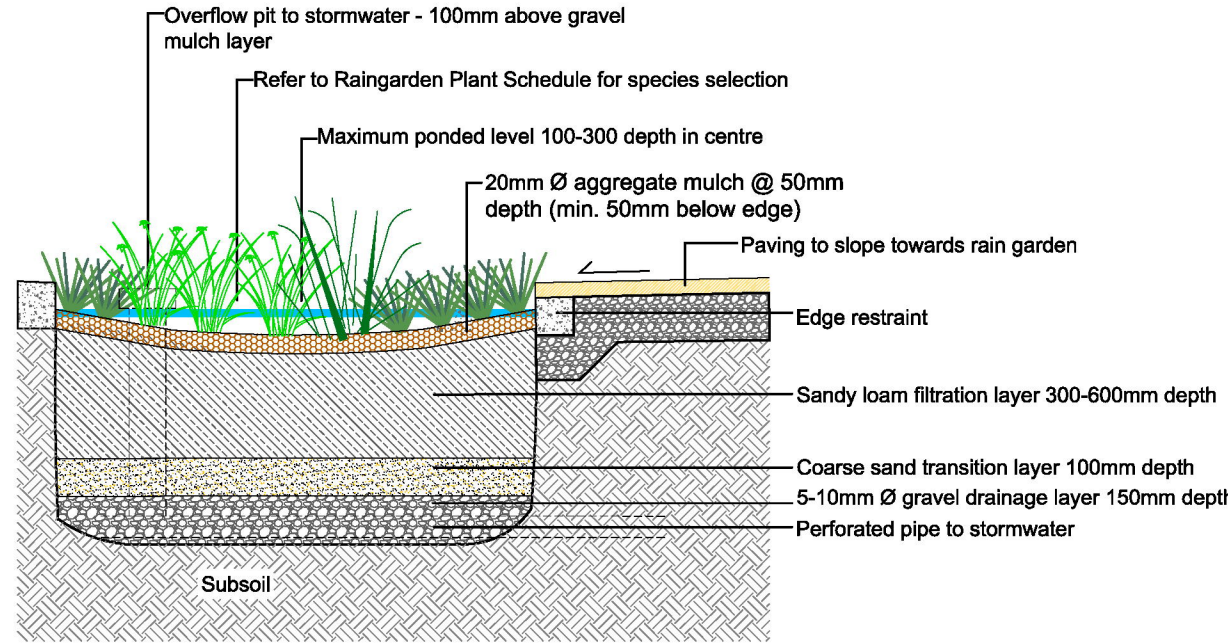
D1 TYPICAL TREE PLANTING DETAIL
Scale N.T.S.



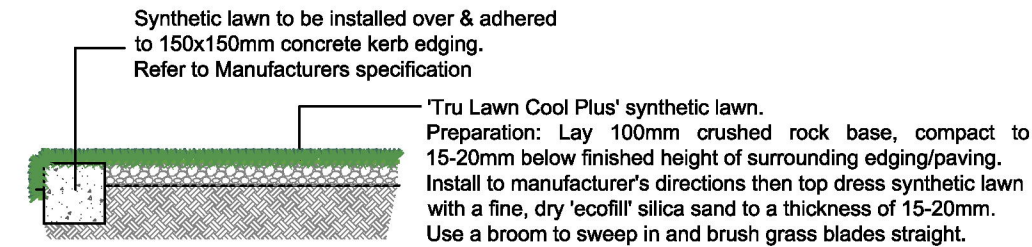
D2 TYPICAL SHRUB PLANTING DETAIL
Scale N.T.S.



D3 SOFTFALL DETAILS
Scale 1:20



D4 TYPICAL RAIN GARDEN IN GROUND DETAIL - Refer to Civil Documentation
Scale 1:20



D5 TYPICAL SYNTHETIC LAWN DETAIL
Scale 1:20

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 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 - Play Areas
A certified mulch as per AS 4422 (Bark King or similar approved) is to be supplied to all play areas and is to be an organic type laid to a minimum depth of 300mm, consisting of coarse grade pine bark with zero fines. Mulch shall be free of sharp materials and damaging matter such as soil, weeds and sticks.

Mulch - Garden Beds
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.

Synthetic Lawn
Supply and install 'Tru Lawn Cool Plus', or similar approved, synthetic lawn to areas as shown.
Preparation: Lay 100mm crushed rock base, compact to 15-20mm below finished height of surrounding edging/paving. Install to manufacturer's directions then top dress synthetic lawn with a fine, dry 'ecofill' silica sand to a thickness of 15-20mm. Use a broom to sweep in and brush grass blades straight.

Timber Edges
Provide 75 x 25mm treated pine edges to all borders between paths, mulched play areas 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 planter boxes & garden beds. 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 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.