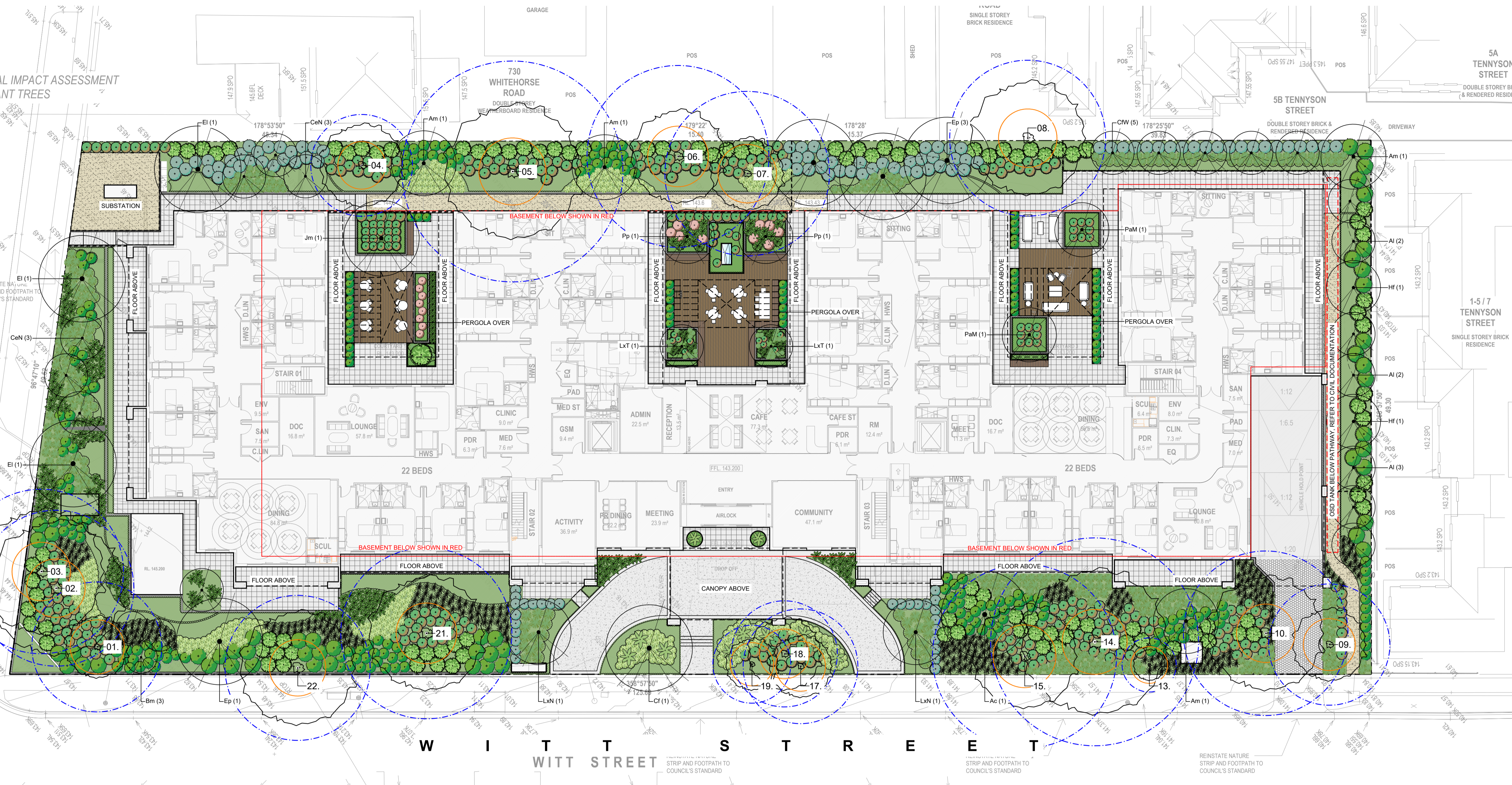


NOTE: REFER TO ARBORICULTURAL IMPACT ASSESSMENT FOR DETAILS REGARDING RELEVANT TREES

GRID LINES SHOWN INDICATIVELY FOR PURPOSE OF REVIEW OF STRUCTURAL ALIGNMENT

WHITEHORSE ROAD
SERVICE ROAD



LEGEND

	Existing Tree to be Retained Blue Line Denotes TPZ Orange Line Denotes SRZ Refer To Arboriculture Report		Proposed Groundcovers & Grasses Refer To Plant Schedule		Proposed Paving Type 1 To Later Detail		Proposed Gravel Surface Refer to Specification		Proposed Raised Planters As Per Architect's Detail Refer To Typical Detail
	Proposed Trees Refer To Plant Schedule		Proposed Climbers Refer To Plant Schedule		Proposed Paving Type 2 To Later Detail		Reinstated/Repaired Naturestrip Refer to Specification		Proposed Retaining Wall To Later Detail
	Proposed Shrubs Refer To Plant Schedule		Proposed Exposed Aggregate Concrete To Later Detail		Proposed Permeable Paving To Later Detail				

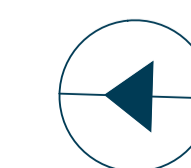
CANOPY COVER & DEEP SOIL TABLE

AREA/ZONE	TOTAL AREA (m ²)	% OF SITE
SITE AREA	6021.3	-
CANOPY COVER (Required)*	1204.2	20.0%
CANOPY COVER (Existing)	614.2	10.2%
CANOPY COVER (Proposed trees)	873.1	14.5%
CANOPY COVER TOTAL	1487.3	24.7%
DEEP SOIL AREA (Natural ground)	1577.4	26.2%
DEEP SOIL AREA (Raised planter boxes)	81.5	1.4%
DEEP SOIL AREA TOTAL	1658.9	27.6%

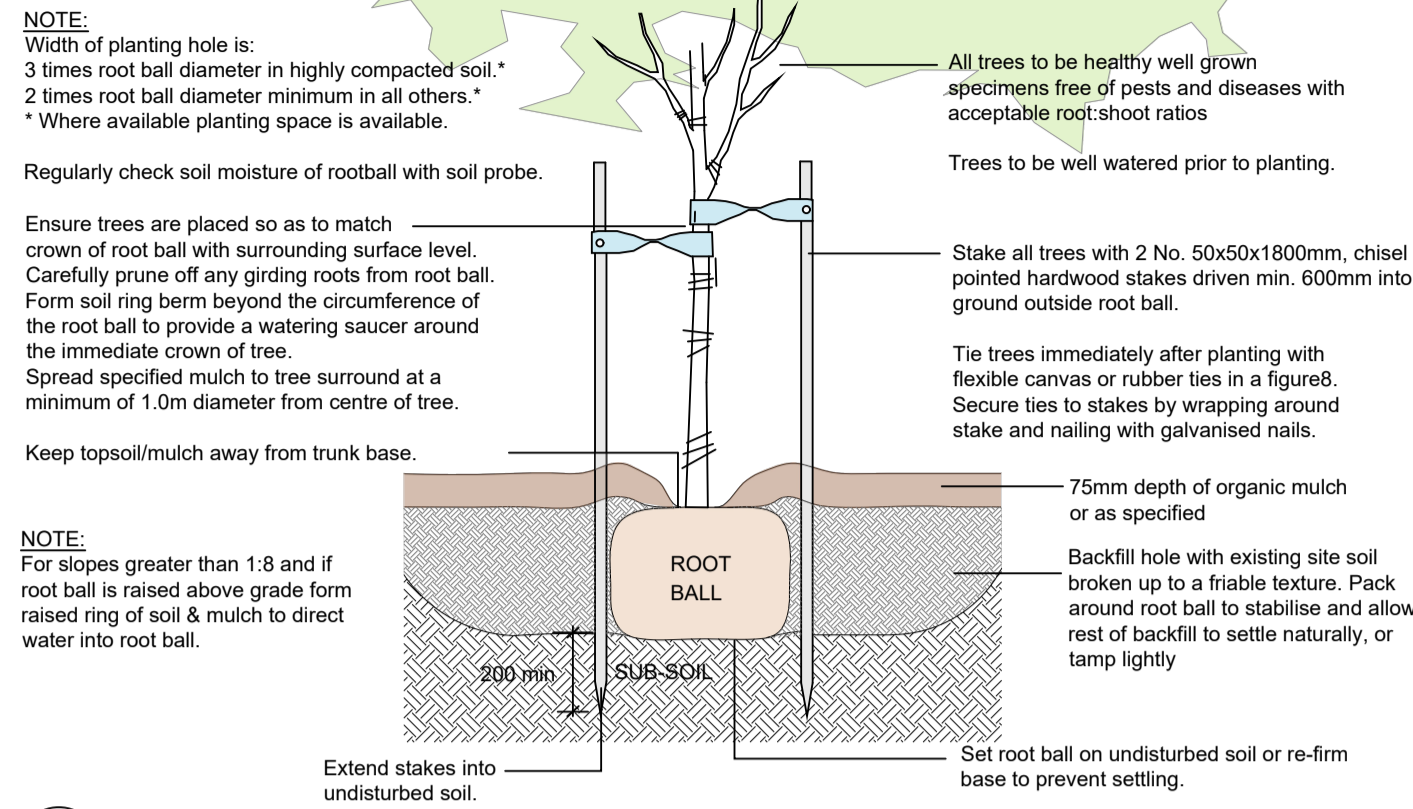
*Minimum no. of canopy trees required as per Clause 52.37 Table 1

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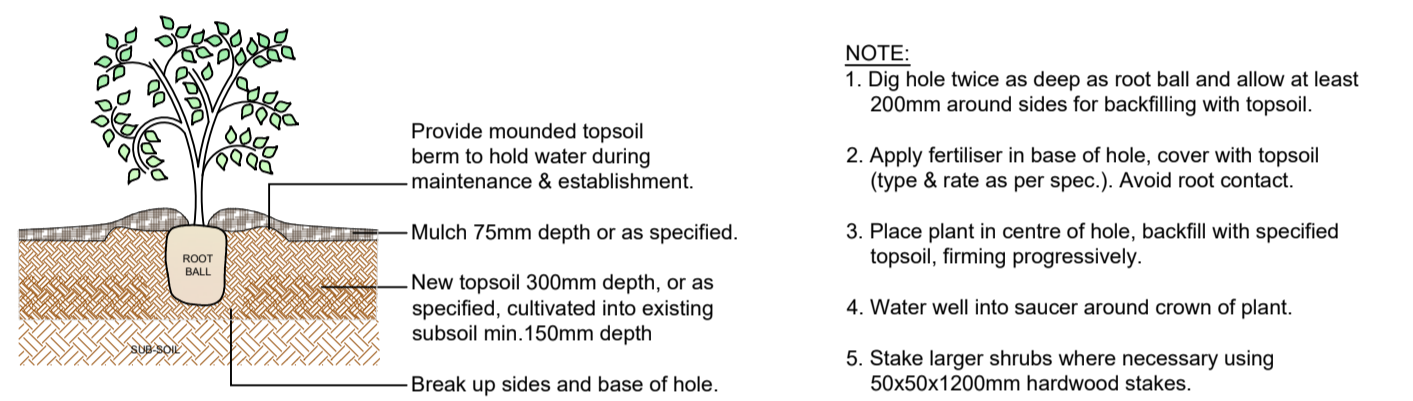
ADVERTISED PLAN



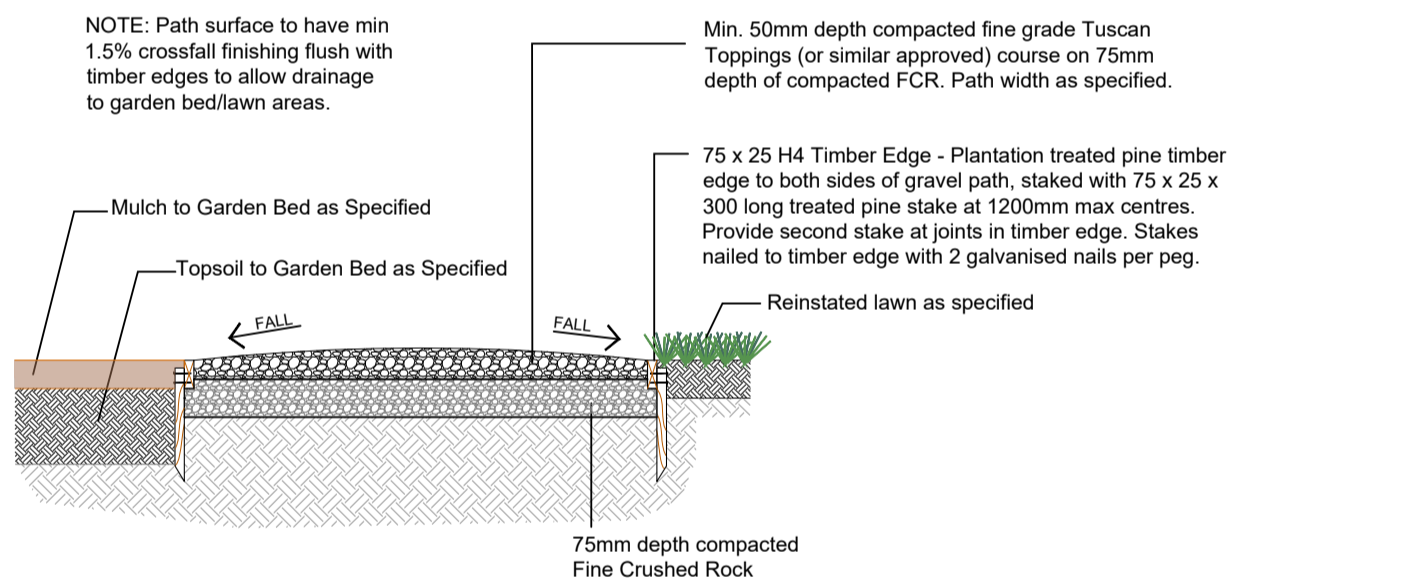
TYPICAL PLANTING DETAILS



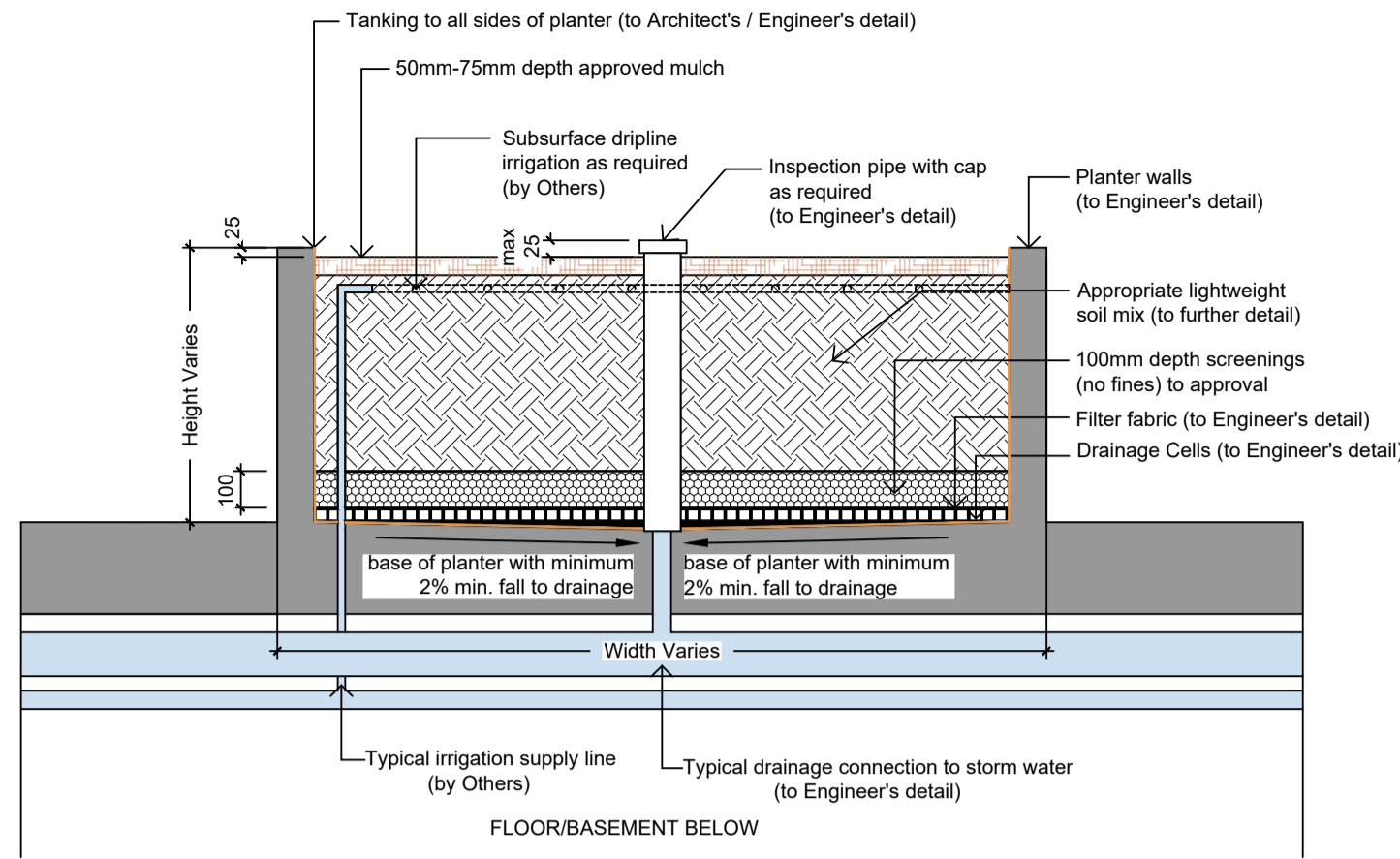
D1 TYPICAL TREE PLANTING DETAIL
Scale N.T.S.



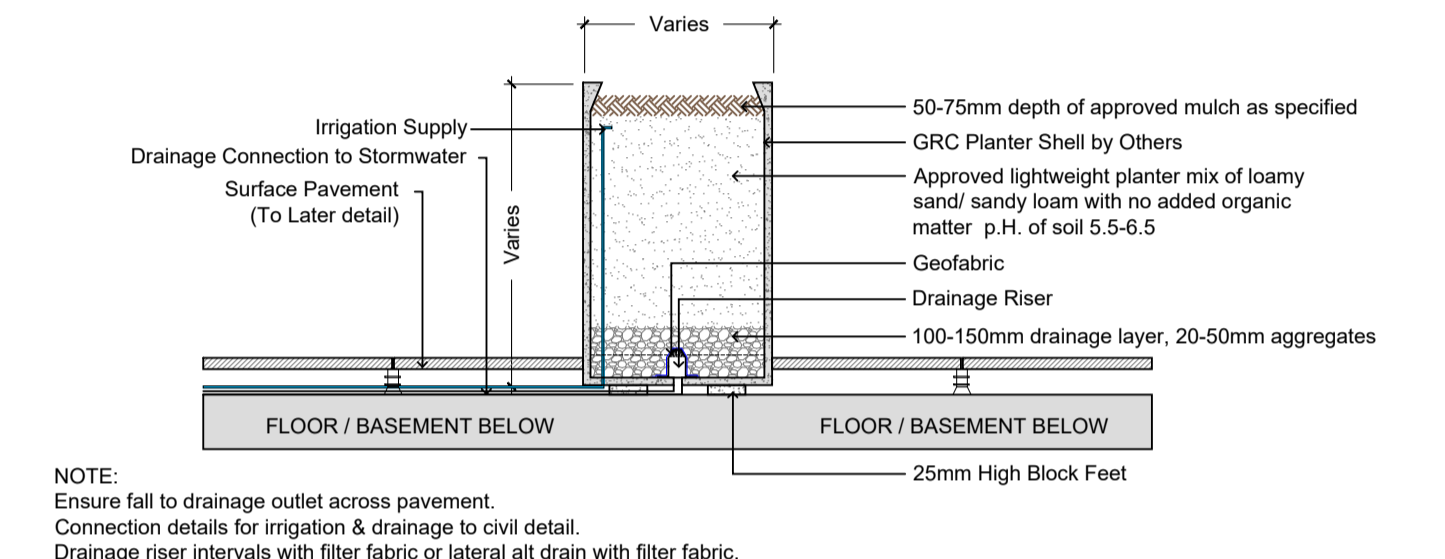
D2 TYPICAL SHRUB PLANTING DETAIL
Scale N.T.S.



D5 TYPICAL GRAVEL PATH & TIMBER EDGING DETAIL
Scale 1:20



D3 TYPICAL LIGHTWEIGHT PLANTER BOX DETAIL
Scale 1:20



D1 TYPICAL GRC PLANTER 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 top soil 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
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.

Granitic Gravel Surface
Granitic gravel is to be installed where shown comprising of a 50mm layer of gravel (Tuscan Toppings or similar) over a base course of 75mm deep gently compacted Fine Crushed Rock. Each layer, including 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 joints in the plants.

Irrigation
An approved drip irrigation system is to be supplied to all planter boxes & 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 manufacturer's 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 concrete 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 lightweight 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.

PLANT SCHEDULE

SYM	BOTANICAL NAME	COMMON NAME	DE/EX*	HEIGHT X WIDTH AT MATURITY	MIN SUPPLY SIZE	QTY	
TREES							
Am	<i>Acacia melanoxylon</i>	Blackwood	EN	15 x 6m	30cm1.5mH	4	
Al	<i>Allocasuarina littoralis</i>	Black Sheoak	EN	10 x 4m	30cm1.5mH	7	
Ac	<i>Angophora costata</i>	Smooth Bark Apple	EN	20 x 15m	50cm2.0mH	1	
Bm	<i>Banksia marginalis</i>	Silver Banksia	EN	4 x 3m	30cm1.5mH	3	
CoN	<i>Corymbia eximia 'Nana'</i>	Bloodwood	EN	10 x 7m	50cm2.0mH	6	
Cl	<i>Corymbia ficifolia</i>	Red Flow ering Gum	EN	12 x 8m	50cm2.0mH	1	
CIW	<i>Corymbia ficifolia 'Wildfire'</i>	Wildfire Flow ering Gum	EN	6 x 4m	50cm2.0mH	5	
B	<i>Eucalyptus leucophloea</i>	Yellow Gum	EN	20 x 15m	30cm1.5mH	3	
Ep	<i>Eucalyptus polyanthemus</i>	Red Box	EN	15 x 8m	30cm1.5mH	4	
Hf	<i>Hymenosporum flavum</i>	Native Frangipani	EN	10 x 5m	50cm2.0mH	2	
Jm	<i>Jacaranda mimosifolia</i>	Jacaranda	DE/Ex	10 x 7m	50cm2.0mH	1	
LxN	<i>Lagerstroemia indica x L. fauriei 'Natchez'</i>	Natchez Crepe Myrtle	DE/Ex	8 x 6m	50cm2.0mH	2	
LxT	<i>Lagerstroemia indica x L. fauriei 'Tuscarora'</i>	Tuscarora Crepe Myrtle	DE/Ex	6 x 4m	50cm2.0mH	2	
Pp	<i>Parrotia persica</i>	Persian Witch Hazel	DE/Ex	10 x 6m	50cm2.0mH	1	
PaM	<i>Prunus americana 'Moorpark'</i>	Moorpark Apricot	DE/Ex	5 x 5m	30cm1.5mH	2	
						TOTAL	44
SHRUBS							
Aa	<i>Acacia acinacea</i>	Gold Dust Wattle	EN	1.5-2 x 2-4m	140mm pot		
ASS	<i>Adenanthos sericeus 'Silver Streak'</i>	Silver Streak Woolly Bush	EN	2-3 x 1.5m	200mm pot		
Be	<i>Bursaria spinosa</i>	Sw eet Bursaria	EN	2-6 x 2-3m	140mm pot		
Bmm	<i>Buxus microphylla var. microphylla</i>	Korean Box	E/Ex	0.6 x 0.6m (clipped)	140mm pot		
Ca	<i>Correa alba</i>	White Correa	EN	1.5 x 1.5-1.5m	140mm pot		
Cb	<i>Correa baeuerleanii</i>	Chef's Hat Correa	EN	1.5 x 1.5-2m	140mm pot		
Cg	<i>Correa glabra</i>	Rock Correa	EN	1.2 x 1.2m	140mm pot		
De	<i>Doryanthes excelsa</i>	Gymea Lily	EN	2.5 x 1.5m	140mm pot		
DM	<i>Grevillea 'Moonlight'</i>	Moonlight Grevillea	EN	3-5 x 2-3m	140mm pot		
HSF	<i>Hydrangea paniculata 'Sundae Fraise'</i>	Panicle Hydrangea	DE/Ex	2 x 1.5m	200mm pot		
LFM	<i>Laurus nobilis 'Flavour Master'</i>	Flavour Master Bay Laurel	E/Ex	1.8 x 0.5m	200mm pot		
LcR	<i>Loropetalum chinense 'Plum Gorgeous'</i>	Plum Gorgeous Fringe Flow er	E/Ex	1 x 1.5m	140mm pot		
Mp	<i>Murraya paniculata</i>	Orange Jessamine	E/Ex	1 x 1m (clipped)	200mm pot		
NLL	<i>Nandina domestica 'Lemon Lime'</i>	Lemon Lime Sacred Bamboo	E/Ex	0.75 x 0.75m	140mm pot		
PWD	<i>Pitosporum tobira 'Wheeler's Dwarf'</i>	Dw arf Japanese Mock Orange	E/Ex	1.2 x 1.5m	200mm pot		
ROP	<i>Rhaphiolepis indica 'Oriental Pearl'</i>	Oriental Pearl Indian Haw thorn	E/Ex	1 x 1m	140mm pot		
						TOTAL	
GROUNDCOVERS							
Ac	<i>Arthropodium cirratum</i>	Renga Lily	E/Ex	0.7 x 0.7m	140mm pot		
Ca	<i>Chrysocophalum apiculatum</i>	Common Everlasting	EN	0.5 x 0.8m	140mm pot		
Cs	<i>Chrysocophalum semipapposum</i>	Clustered Everlasting	EN	0.5-8 x 0.5-1m	140mm pot		
Cs	<i>Convolvulus sabatius</i>	Moroccan Bellflower	E/Ex	0.3 x 1.5m	140mm pot		
DI	<i>Dianella longifolia var. longifolia</i>	Pale Flax Lily	EN	0.75 x 0.75m	50mm tube		
DSF	<i>Dichondra argentea 'Silver Falls'</i>	Silver Falls Dichondra	E/Ex	0.1 x 1.0m/Trailing	140mm pot		
DEF	<i>Dichondra repens 'Emerald Falls'</i>	Emerald Falls Dichondra	EN	0.1 x 1.0m/Trailing	140mm pot		
Dr	<i>Dietes robinsoniana</i>	Lord How e Island Iris	EN	1.5-1.8 x 1.5-2m	50mm tube		
GBR	<i>Grevillea 'Bronze Rambler'</i>	Grevillea Bronze Rambler	EN	0.3 x 1-3m	140mm pot		
HsG	<i>Hibertia scandens 'Groundswell'</i>	Guinea Flow er	EN	0.5 x 1.5m	140mm pot		
LEC	<i>Liriope muscari 'Emerald Cascade'</i>	Emerald Cascade Lily-turf	E/Ex	0.4 x 0.4m	140mm pot		
LmS	<i>Liriope muscari 'Samantha'</i>	Samantha Pink Lily-turf	E/Ex	0.4 x 0.4m	140mm pot		
LcW	<i>Lomandra confertifolia 'Wingarra'</i>	Wingarra Mat-rush	EN	0.3 x 0.3m	140mm pot		
LIT	<i>Lomandra longifolia 'Tanika'</i>	Tanika Mat-rush	EN	0.50-0.6 x 0.85m	140mm pot		
MsG	<i>Miscanthus sinensis 'Gracillimus'</i>	Maiden Grass	E/Ex	1.3 x 1.5m	140mm pot		
MyY	<i>Myoporum parvifolium 'Yareena'</i>	Creeping Boobialla Yareena	EN	0.1 x 1m	140mm pot		
R	<i>Poa labillardieri</i>	Tussock Grass	EN	0.8 x 0.8m	140mm pot		
PpK	<i>Poa polyformis 'Kingsdale'</i>	Kingsdale Tussock Grass	EN	0.45 x 0.45m	140mm pot		
RFB	<i>Rhagodia spinescens 'Flat Bush'</i>	Flat Bush Creeping Saltbush	EN	0.3-0.5 x 1m	140mm pot		
SAC	<i>Scaevola 'Aussie Crawl'</i>	Aussie Crawl Fan Flow er	EN	0.3 x 1m	140mm pot		
TFM	<i>Trachelospermum asiaticum 'Flat Mat'</i>	Yellow Star Jasmine	E/Ex	0.4 x 3m	140mm pot		
						TOTAL	
CLIMBERS							
Hv	<i>Hardenbergia violacea</i>	False Sarsaparilla/Purple Coral F	EN	Climber/Scrambler	140mm pot		
PpS	<i>Pandorea pandorana 'Snow ball'</i>	Wonga Wonga Vine	EN	Tw ining Climber	140mm pot		
Pq	<i>Parthenocissus quinquefolia</i>	Virginia Creeper	DE/Ex	Self-clinging Climber	140mm pot		
						TOTAL	

*DE = Deciduous/Evergreen N/Ex = Native/Exotic

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REVISION	DATE	BY
A TP Issue	21.05.2025	MS
B Client Request	08.10.2025	MS
C Deep Soil and Canopy Cover Updated	04.03.2026	MS

CLIENT
Knowles Group Pty Ltd

DRAWING
Landscape Specification & Details for Town Planning

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As Ind. @A1

DATE
MARCH 2025

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