

92 WHITELAW STREET RESERVOIR
PROPOSED RESIDENTIAL DEVELOPMENT
SCHEMATIC LANDSCAPE PLAN



Architekton™

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MORPHING SPACES AND PLACES

CO PRJ 2024 WHI
HITELAW STREET RESERVCOIR

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LANDSCAPE PLAN

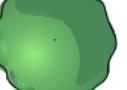
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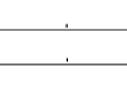
ng No. **Darebin City Council Received 20/08/2024** LS-0.1

Plant List

Images	ID	Qty	Common Name	Botanical Name	Scheduled Size	Mature Height	Mature Spread	Remarks
Trees								
	AcaMel-1	4	Blackwood	Acacia melanoxylon	7.5 x 5.5	5 - 10m	3.5 - 6m	
	RaHo	2	Brush Muttonwood	Rapanea howittiana		5 - 10m	3.5 - 6m	
Shrubs								
	AcAc	49	Gold Dust Wattle	Acacia acinacea		0.9 - 1.5m	0.9 - 1.2m	
	Untitled ID-	36	Rock Correa	Correa glabra		1.5 - 3m	1.2 - 2.0m	
	InAu	8	Australian Indigo	Indigofera australis		1.5 - 3m	2.0 - 3.5m	
Ground Covers								
	WaCo	138	Tufted Bluebell	Wahlenbergia communis		0.45 - 0.6m	0.0 - 0.3m	
Grasses								
	DiSe	40	Queensland Bluegrass	Dichanthium sericeum		0.60 - 0.75m	0.6 - 0.9m	
Climbers								
Aquatic Plants								
Perennials								
Ferns								
Total		277						

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Hardscape Quantity & Cost with Images

Image	Hardscape Name	Type	Main Area	Perimeter	Main Code	Border Code	Main Area \$/m ²	Perimeter \$/m	Total Cost
	Concrete-Exposed Agg	Boundary	133.4m ²	81.8m			\$0.00	\$0.00	\$0.00
	Grass-Seed	Boundary	55.0m ²	84.9m			\$0.00	\$0.00	\$0.00
	Lilydale Toppings	Boundary	26.1m ²	67.6m			\$0.00	\$0.00	\$0.00
	Pebbles-20 mm	Boundary	134.9m ²	309.3m			\$0.00	\$0.00	\$0.00
	Porous Pavement	Boundary	44.8m ²	72.3m			\$0.00	\$0.00	\$0.00

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SCHEDULES

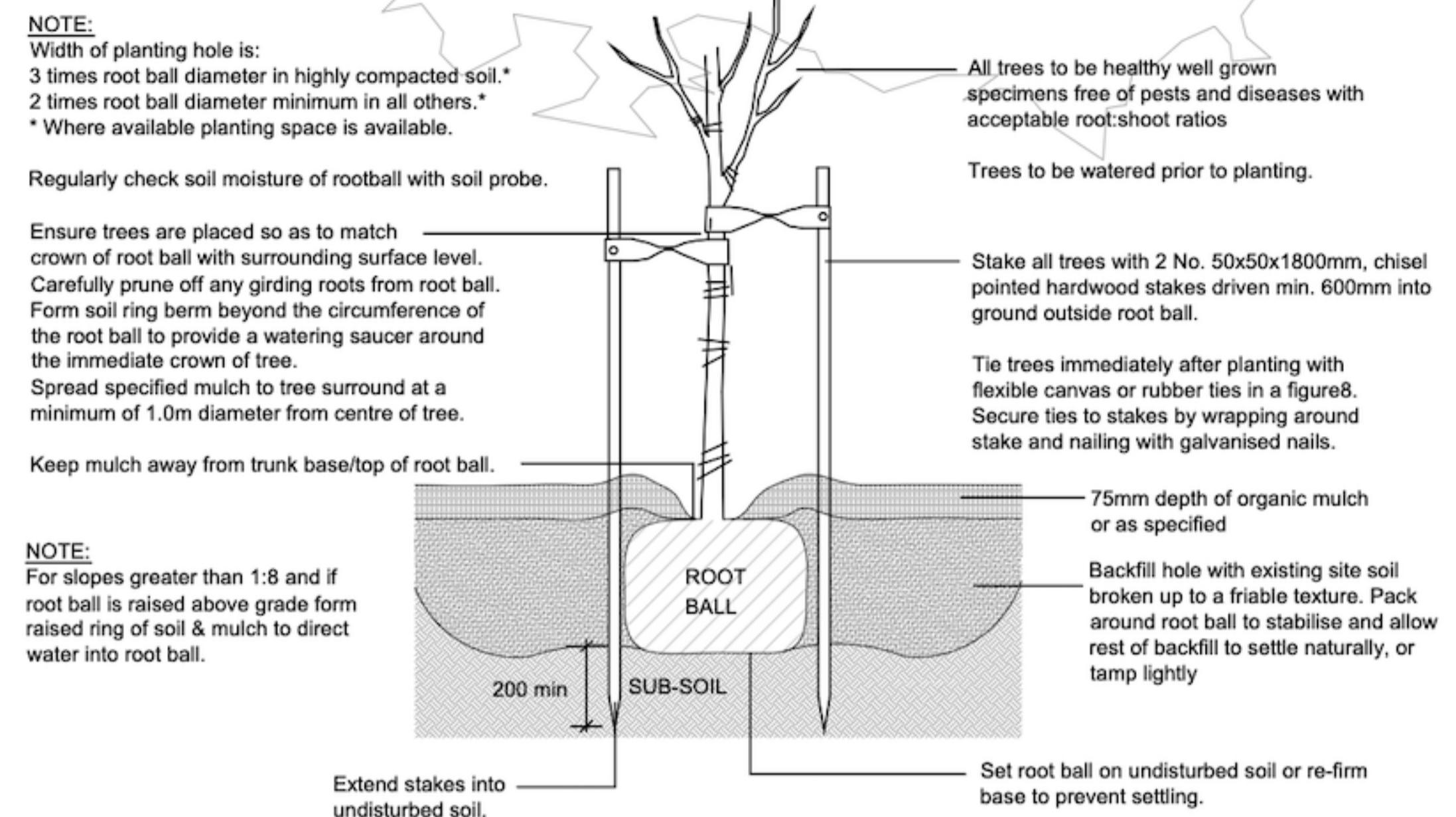
Scale 1:100
Drawn By DV
Checked By GAT
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Dwg Date: 10/03/2024
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Rev # **LS 0.2**

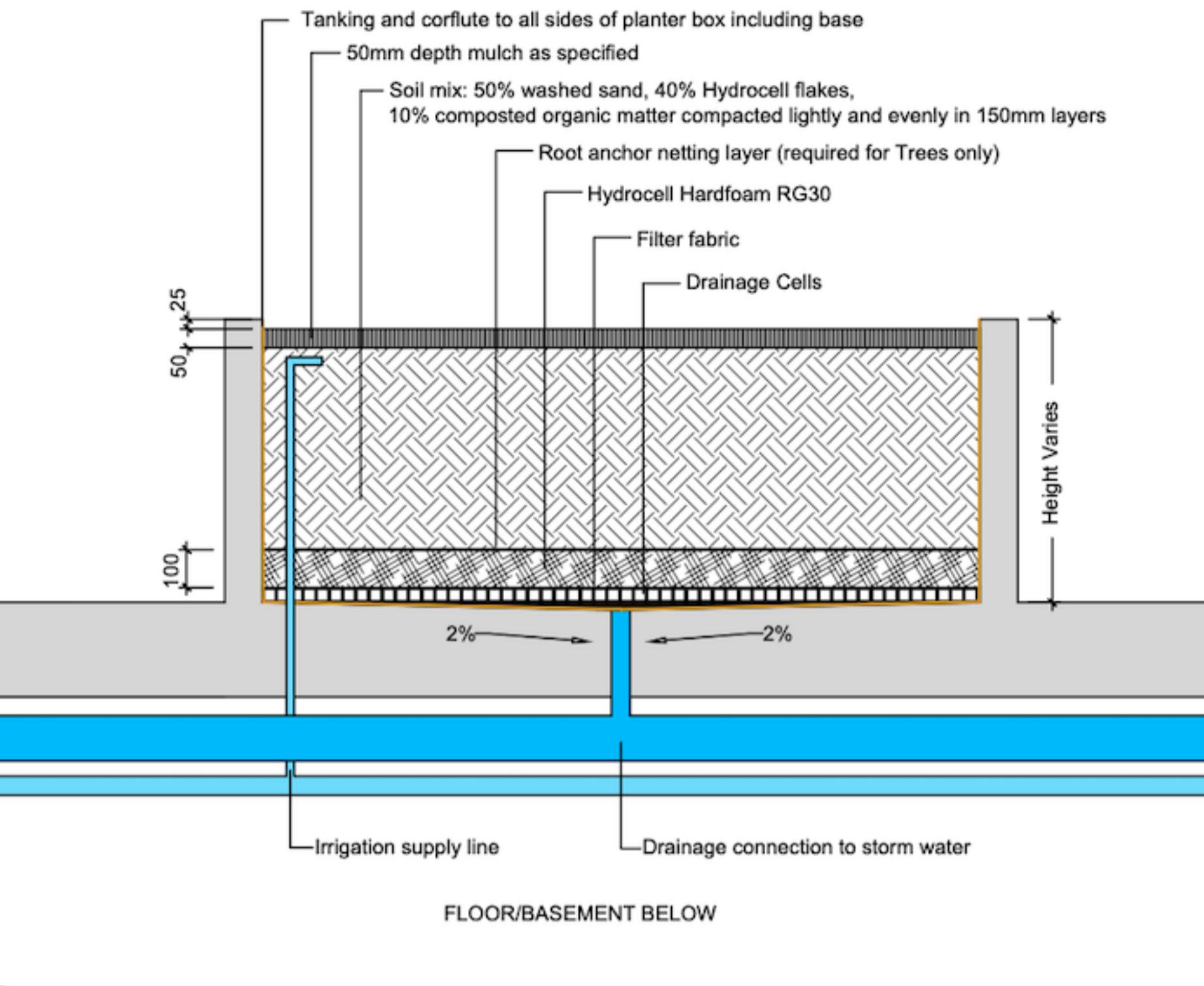
INDICATIVE PLANTING DETAILS



D1 INDICATIVE TREE PLANTING DETAIL

TP1

Scale 1:20



D2 TYPICAL LIGHTWEIGHT PLANTER BOX DETAIL

TP1

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. Topsoil 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 sucker 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.

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.

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.

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.

Gravel Path

A gravel path 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.

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 similar with 80% of particles in the size range 10 to 20mm in plan and 5mm in thickness. No particles are to exceed 30mm in plan. Mulch shall be free of damaging matter such as soil, weeds and sticks and is to be stockpiled and thoroughly weathered prior to delivery. All mulch is to be sloped towards plant stems but shall be kept back 100mm from the stems of all plants to prevent collar rot.

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.

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 corflute 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 and a 100mm deep layer of Hydrocell Hardfoam RG30. Provide root anchor netting over Hardfoam layer if trees are to be planted. A drainage outlet is to be installed in the base of the planter with the floor of the planter sloped towards it.

Supply and spread evenly a soil mix comprising of 50% washed sand, 40% Hydrocell flakes, and 10% composted organic matter. Compact lightly and evenly in 150mm 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.

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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