

92 WHITELAW STREET RESERVOIR

PROPOSED RESIDENTIAL DEVELOPMENT
SCHEMATIC LANDSCAPE PLAN

Image	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						

1 SCHEMATIC LANDSCAPE PLAN
Scale: 1:100

Architekton™
L3 / 468 Little Lonsdale Street
Melbourne VIC 3000
61 3 8518 4488
info@architekton.com.au
www.architekton.com.au

MORPHING
SPACES AND
PLACES

AECO PRJ 2024 WHI
92 WHITELAW STREET RESERVCOIR

CLIENT -

LANDSCAPE PLAN

Scale 1:100
Drawn By DV
Checked By GAT
21/8/2024

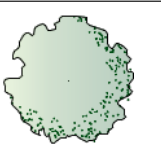


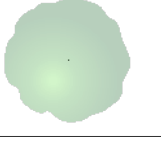

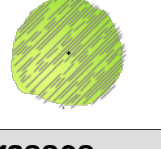

Dwg Date: 10/03/2024
Plot Date:

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Drawing No. **LS-0.1** Received 20/08/2024
Rev #

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Plant List

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Hardscape Quantity & Cost with Images

Image	Hardscape Name	Type	Main Area	Perimeter	Main Code	Border Code	Main Area \$/m2	Perimeter \$/m	Total Cost
	Concrete-Exposed Agg	Boundary	133.4m2	81.8m			\$0.00	\$0.00	\$0.00
	Grass-Seed	Boundary	55.0m2	84.9m			\$0.00	\$0.00	\$0.00
	Lilydale Toppings	Boundary	26.1m2	67.6m			\$0.00	\$0.00	\$0.00
	Pebbles-20 mm	Boundary	134.9m2	309.3m			\$0.00	\$0.00	\$0.00
	Porous Pavement	Boundary	44.8m2	72.3m			\$0.00	\$0.00	\$0.00

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92 WHITELAW STREET RESERVCOIR

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SCHEDULES

Scale1:100
Drawn ByDV
Checked ByGAT
21/8/2024

Dwg Date:10/03/2024

Plot Date:

AECO PRJ 2024 WHI

Drawing No. [Darebin City Council](#) Received 20/08/2024
Rev #

LS-0.2

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INDICATIVE PLANTING DETAILS

NOTE:

Width of planting hole is:
3 times root ball diameter in highly compacted soil.*
2 times root ball diameter minimum in all others.*
* Where available planting space is available.

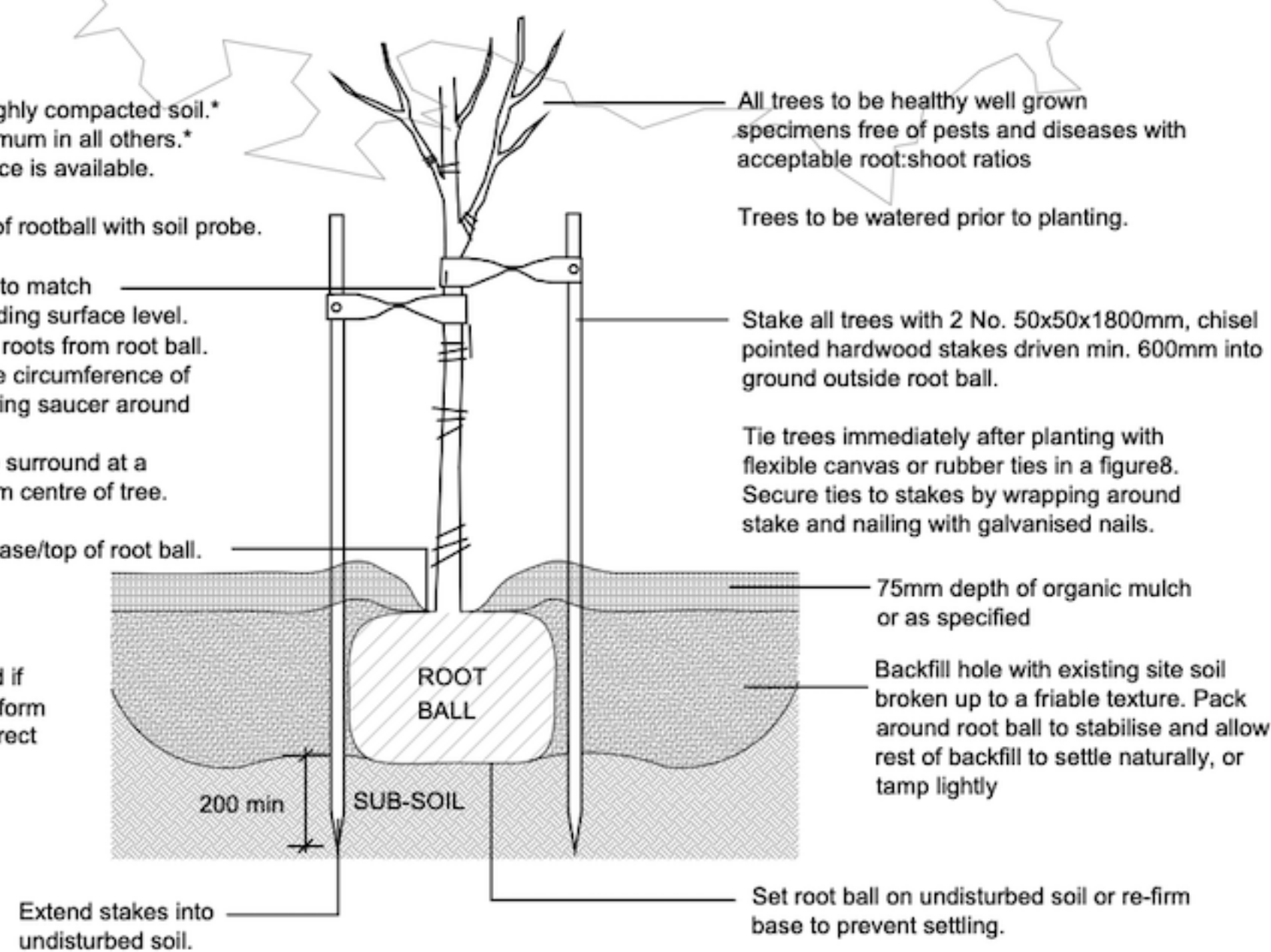
Regularly check soil moisture of rootball with soil probe.

Ensure trees are placed so as to match crown of root ball with surrounding surface level. Carefully prune off any girding roots from root ball. Form soil ring berm beyond the circumference of the root ball to provide a watering saucer around the immediate crown of tree. Spread specified mulch to tree surround at a minimum of 1.0m diameter from centre of tree.

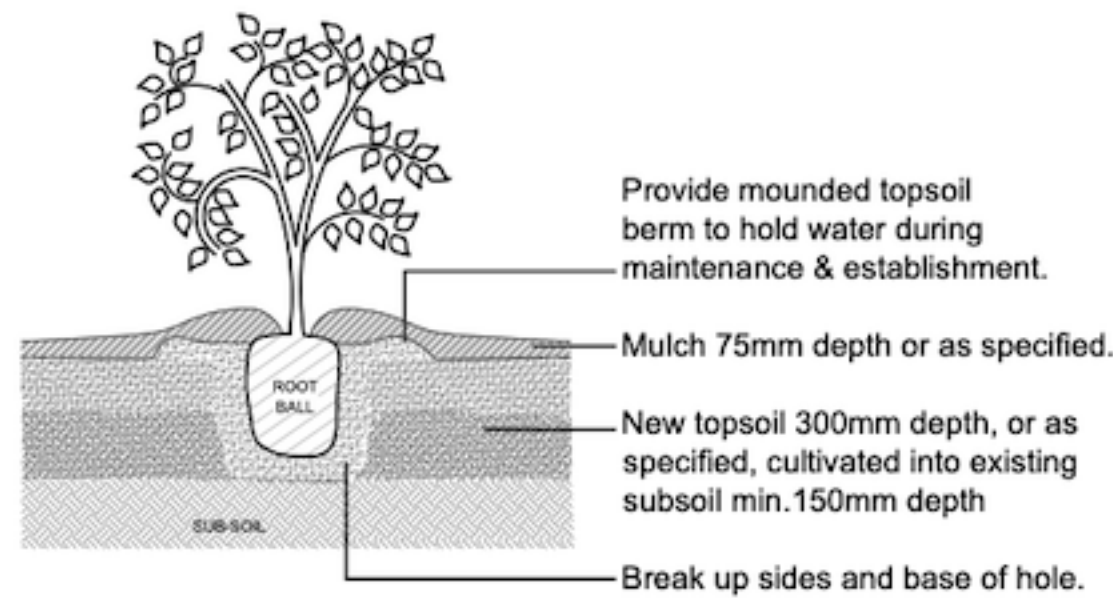
Keep mulch away from trunk base/top of root ball.

NOTE:

For slopes greater than 1:8 and if root ball is raised above grade form raised ring of soil & mulch to direct water into root ball.



1
TP1 INDICATIVE TREE PLANTING DETAIL
Scale 1:20



D3
TP1 INDICATIVE SHRUB PLANTING DETAIL
Scale 1:20

NOTE:

1. Dig hole twice as deep as root ball and allow at least 200mm around sides for backfilling with topsoil.
2. Apply fertiliser in base of hole, cover with topsoil (type & rate as per spec.). Avoid root contact.
3. Place plant in centre of hole, backfill with specified topsoil, firming progressively.
4. Water well into saucer around crown of plant.
5. Stake larger shrubs where necessary using 50x50x1200mm hardwood stakes.

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.

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.

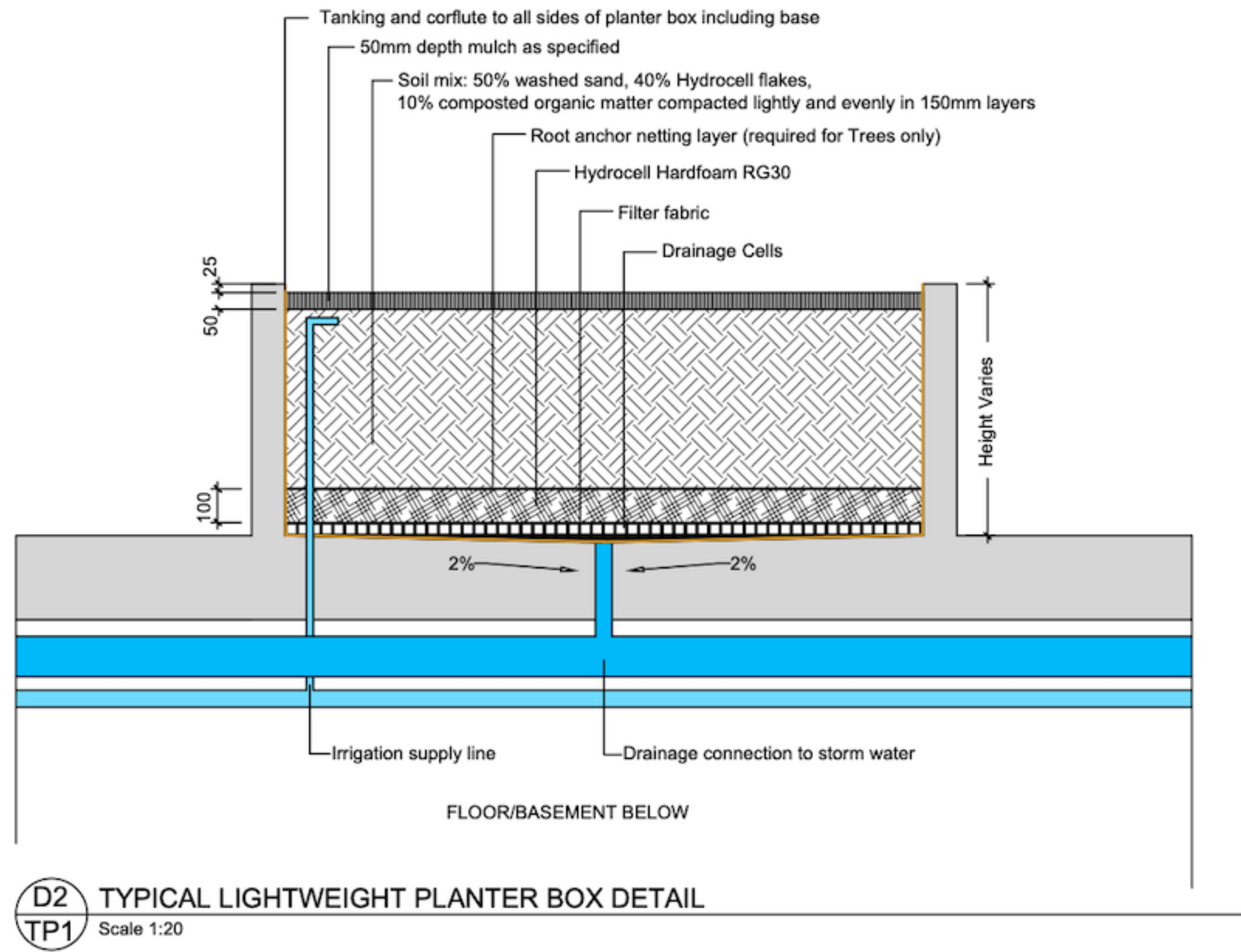
Any areas of lawn which have failed to germinate (achieve an evenly green 95% covering of a consistent height) are to be re-seeded within one month of original sowing date.

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



D2
TP1 TYPICAL LIGHTWEIGHT PLANTER BOX DETAIL
Scale 1:20

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 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 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% composed 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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Drawing No. **Darebin City Council** Received 20/08/2024
Rev # **LS-0.3**