Semi Mature Tree Pit Excavations

Strip topsoil from the area of the pit and set aside for re-use. Excavate sub-soil to achieve desired width and depth of tree pit and deposit away from site. Any stone, rubble, rubbish and other foreign debris that is exposed in the digging of the tree pits shall be similarly removed from site.

Fork over the base and sides of tree pits to thoroughly loosen the soil and to relieve compaction to a minimum depth of 250mm. All smooth, glazed or compacted sides to tree pits shall be loosened by forking to encourage lateral rooting.

Subsoil layers around tree pits

The contractor is to ensure that subsoil layers are free-draining. Drainage is to be installed at the discretion of the Landscape Contractor in the event of potential ponding or waterlogging in the base of the pits. French drains, or similar approved, to be installed in consultation with the Engineers.

Backfilling of Semi Mature Tree Pits

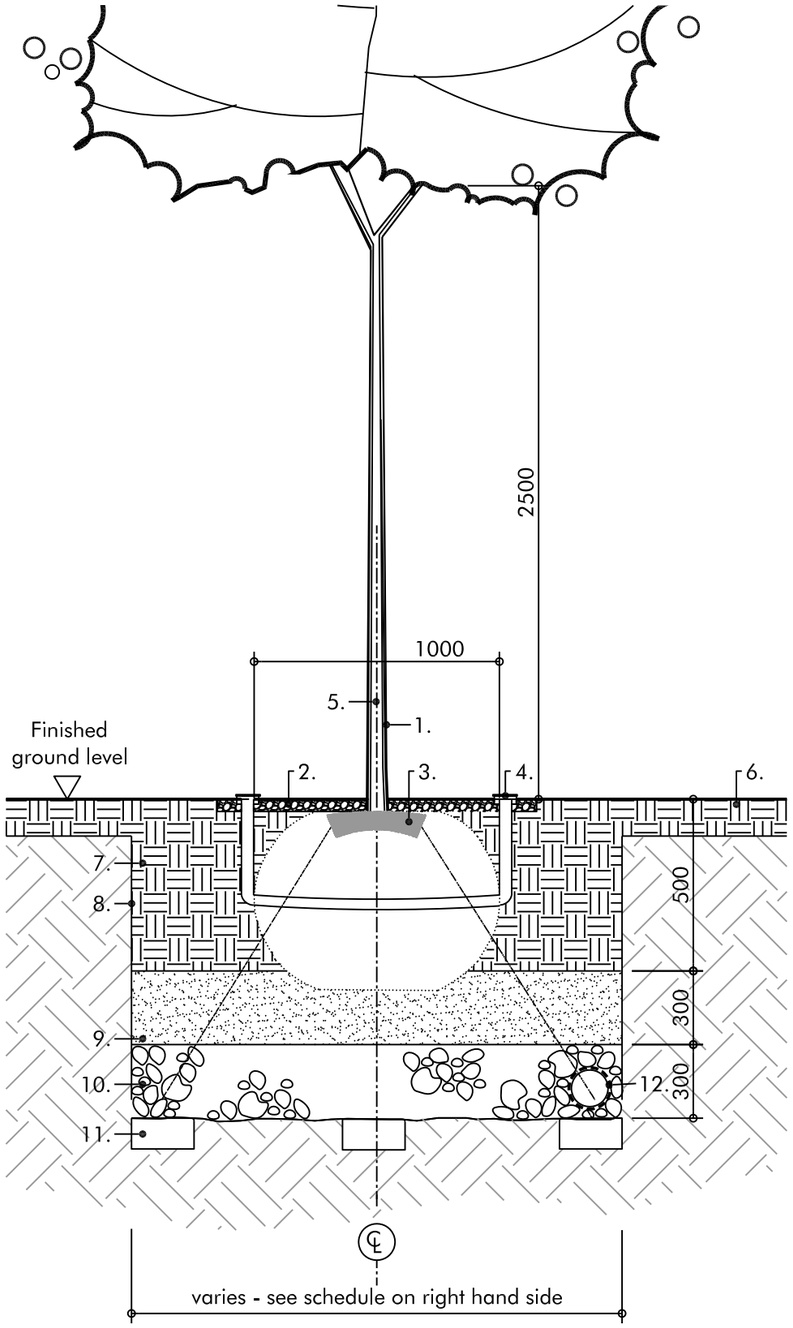
The lower half of the tree pit (below the rootball) shall be backfilled with:
300mm depth of 5 - 7mm diameter pea gravel
300mm depth washed, medium/coarse sand
(The bottom of the rootball of the tree shall sit within the sand layer and an aeration pipe shall be inserted around the rootball).

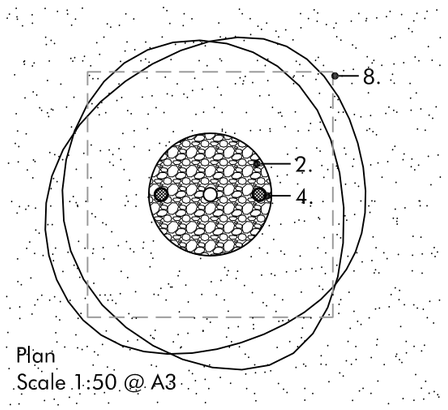
The upper section of the tree pit shall be backfilled with 500mm depth site topsoil, ameliorated with compost, fertiliser and sand (500mm depth to the surface).

The backfilling of the upper section of the tree pits shall be in layers using topsoil from site store, or imported topsoil in accordance with the specification.

Each backfill layer shall be 150mm deep and shall be lightly consolidated, thoroughly watered to expel air pockets and with due allowance being made for subsequent settlement.

When backfilling has been completed the Contractor is to mark the centre of the pit with a 1500mm long timber stake to mark pit for subsequent planting - stake to be removed during tree planting works.





Plan
Scale 1:50 @ A3

Tree size	Girth	Dimensions of Tree Pit
Semi-mature	25-40cm	1700mm square x 1000mm depth
Semi-mature	20-25cm	1400mm square x 1000mm depth
Multi-stemmed	2.0-3.5m height	1300mm square x 800mm depth

Key

1. Semi-mature tree to be supplied and planted in accordance with the specification.
2. 50mm deep Melcourt 'Ornamental Grade Bark Mulch'.
3. Trees to be secured with Platipus 'Platimat' anchoring system fixed to tree anchors, as specified.
4. Greenblue urban aeration/irrigation pipe, or similar approved, as specified.
5. Centre of tree pit to be marked with timber stake (Minimum 1500mm).
6. Topsoil as specified in adjacent planting area. Minimum 150mm deep for turfed areas and minimum 450mm for shrub and hedge planting.
7. Topsoil backfill to be laid as per specification.
8. Sides and base of tree pit to be loosened in accordance with the specification.
9. 300mm medium coarse washed sand, as specified.
10. 300mm pea gravel 5-7mm Ø as specified.
11. "Deadman" anchor.
12. 150mm perforated pipe where required wrapped with specified geotextile connected to drainage system to Engineers details.

Revision	Description	Drawn by	Checked by	Date
-	Planning	IM	LP	30.11.20

Macgregor ▪ Smith
Landscape Architecture

project	4240 & 4300 Nash Court Oxford Business Park	drawn by	IM
status	Planning	checked by	LP
title	Typical Detail Tree Pit in Soft	date	30.11.20
Xref	n/a	scale	1:25@A3
drawing No	1285-402	rev	-

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