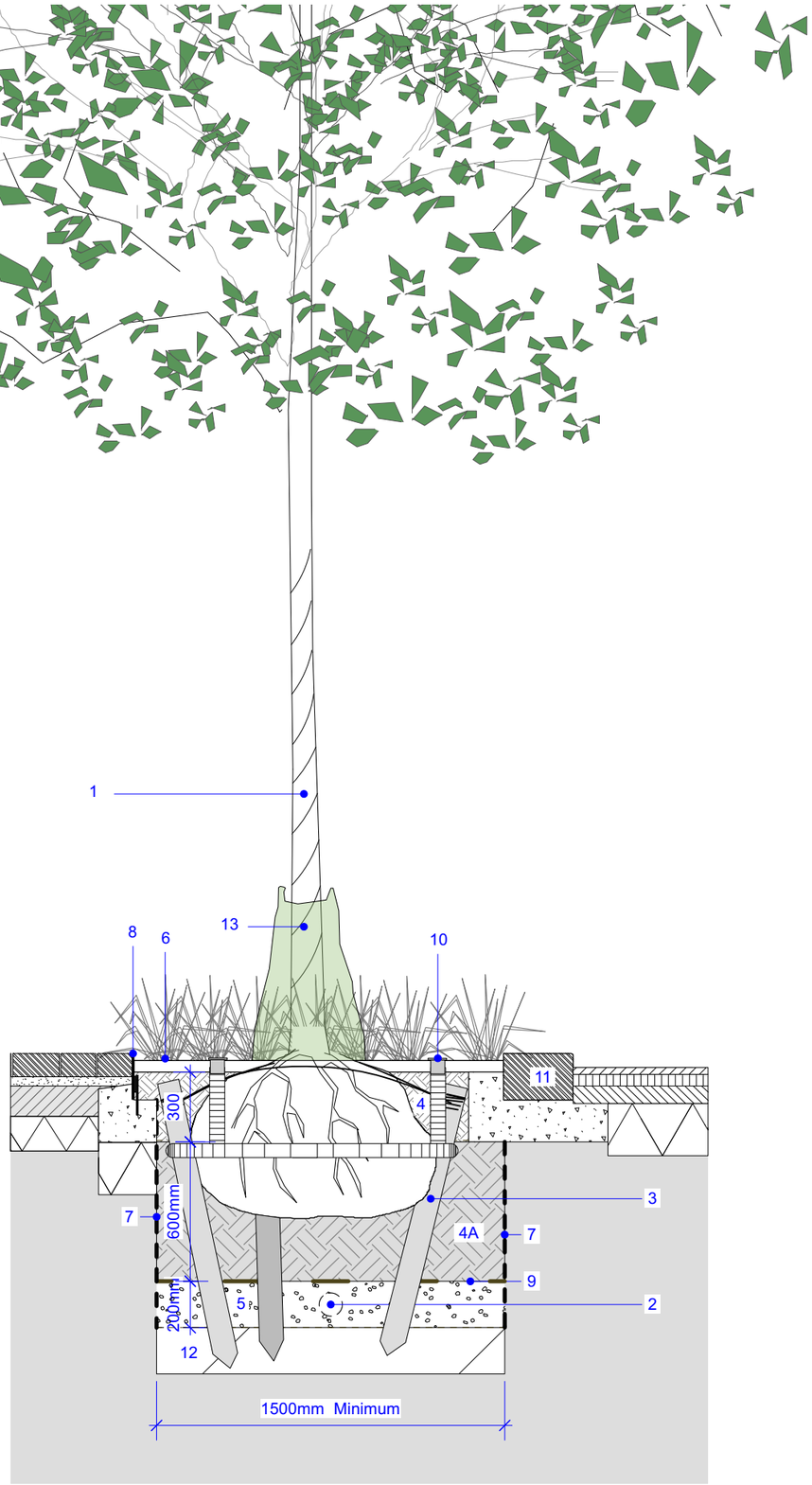


D3 SECTION: Street Tree Pit IN SOFT - Various cm girth trees
SCALE: 1:25

LEGEND D3

1. Tree. Refer to tree planting schedule on drawing L014-PIE-99-ZZ.00-D-L-000004. With 1.5m minimum hessian wrapping to trunk, to remain in place during the first two growing seasons.
2. Allowance made for active tree pit drainage: Perforated land drain to take to positive outfall if required and advised by drainage engineer following infiltration tests.
Can be removed subject to site conditions and a percolation test.
3. Triple staked tree anchoring: 75mm diam. treated softwood stakes driven firmly into base of tree pit by min. 300mm, rootball fixed with fibre straps and tensioning ratchets. Rootball to be protected from tensioned straps by suitable padding.
4. Product: Approved topsoil to BS 3882:2015- specification for topsoil with tree compost. 20% of topsoil volume to be compost - compost to be incorporated into topsoil prior to planting
Ratio: 80% soil / 20% compost, addatives - fertiliser
Soil grade: Multi purpose
Supplier: Contractor to provide details
Depth: 300mm
4A. Product: Approved sub soil to BS 8601:2013
Specification for subsoil and requirements for use
Supplier: Contractor to provide details
Depth: 600mm
5. Drainage layer
200mm clean stone. Base of tree pit trench loosened and shaped as shown to aid root penetration and pit drainage
6. 50mm bark mulch layer. To sit 30mm below adjacent paving.
7. Root barrier to full extent of tree pit as indicated on the drawing (refer to soil & tree pits plan). Terram Rootguard Barrier - Permeable by Green-tech LTD or acceptable equivalent.
8. Steel edging. Pinned and haunched in place.
9. Hessian separation and filtration layer
10. Irrigation/aeration system: Double inlet irrigation/aeration system to trees along Newman Street. Single inlet irrigation/aeration system to all other D3 tree pits. Irrigation/aeration system using perforated plastic pipe laid flush with tree surround. Cap to sit 10mm above surrounding surface material.
Product: RootRain Civic by GreenBlueUrban Ltd or acceptable equivalent. 60mm diameter pipes.
11. Road kerb haunched in place.
12. Base of pit broken up to improve drainage
13. Product: Treegator slow release watering bag or equal and approved
Installed around tree trunk as per suppliers recomendation
Size: 500mm width x 760mm height
Supplier: Treegator

NOTES:
1. Prior to tree planting a representative sample of the tree pits need to be excavated and completely filled with water.
The percolation rates need to be recorded and adjustments made to the drainage detail as appropriate.
It is ESSENTIAL that the Landscape Architects are consulted at this stage and approval given to proceed with planting.

2. Drawing to be read in conjunction with following NBS Specification Clauses:
Q28: Topsoiling,
Q30: Seeding and turfing,
Q31: External planting,
Q35: Landscape maintenance

3. At the commencement of each phase of works, all proposed tree pits within that phase should have a trial pit / slit trench (300mm wide) excavated to establish whether there are any service clashes and to allow trees to be relocated accordingly.

4.Landscape Archtiect to be invited to inspect works

NOTES:
1. Do not scale from this drawing.
2. Always work to noted dimensions.
3. All dimensions are in millimetres unless otherwise stated.
4. All setting out, levels and dimensions to be agreed on site.
5. The dimensions of all materials must be checked on site before being laid out.
6. This drawing must be read with the relevant specification clauses and detail drawings.
7. Order of construction and setting out to be agreed on site.

© This drawing is copyright protected and may not be reproduced in whole or part without written authority from the owner.

Revision	Date	Description	Drawn	Apprvd.
C01	09-10-24	Stage 05 Issue	VE	RM

PLANIT
Manchester | London | Liverpool | Leeds | Standish
Manchester
2 Back Grafton Street,
Altrincham,
Cheshire,
WA14 1DY,
W: planit-ie.com
E: info@planit-ie.com
T: 0151 363 1230

Client Bruntwood

Project No.3 Circle Square, Manchester

Drg Title Typical Tree Pit Detail 3

Created on	Created by	Approved by
22-06-22	BM	RM

Scale	Size	Workstage	Status
1:25	A3	Stage 05	Stage Appr.

Drg No. L014-PIE-99-ZZ.00-D-L-006003
Suitability S3
Revision C01

© Planit I.E. Limited