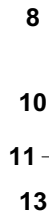


**NOTE: Refer to External Works Specification:
Soft Landscape (OTH-PLA-EE-ES-SPE-L-0003)
in conjunction with this drawing**

11. **ReRoot 2000 Linear Root Barrier**
Installed around the sides of the tree pit trench along any sides adjacent to underground utilities and drainage. Supplier: GreenBlue Urban. Installed to suppliers instructions, submit proposals.
12. **Drainage Layer**
200mm clean stone (chemically inert), no fines. Base of tree pit trench loosened and shaped to aid root penetration and pit drainage. To be wrapped with geotextile to prevent migration of particles.
13. **Sub-base**
To be installed below RootSpace system to engineer's details / requirements.
14. **Water Level Monitoring Pipe**
Twin wall pipe for monitoring water levels in tree pit. 100mm dia., bottom 200mm to be perforated. To have cast inlet cover to match aeration system (2).
15. **Connection to Aco drainage channel**
Refer to engineer's drawing
OTH-RAM-EE-XXDWG-C-1100 to 1102
16. **Inground Lighting Element and Ducting**
Lighting element (to be integrated within paving) to Arup specification. Duct for lighting supplies to be fed through StrataCell units as indicated.
17. **Backfill to sides of tree pit**
Backfill material, to civil engineer's specification.
18. **Tree Guying System:**
Arborguy strapped anchor system SASLBC w/ground anchors. Supplier: GreenBlue Urban. Installed to suppliers instructions, submit proposals.

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 Architect to be invited to inspect works. Allowance for integrated drainage connections as shown on drainage engineer's (Ramboll) drawings.
5. Allowance for integrated lighting and connections as shown on lighting engineer's (Arup) drawings.
6. Greenleaf StrataCell system may be cut on site to match foundation or other elements, all cutting to manufacturer's specification.
7. Greenleaf StrataCell system may be omitted in singular elements to match foundation or other elements, in accordance with manufacturer's specification. Free space to be filled with concrete, to manufacturer's specification.



Extent of tree pit and root cell modules below ground (indicative). Final layout of pit subject to coordination with underground utilities. Refer to drawing OTH-PLA-EE-ES-DWG-L-1015 for tree pit locations.



Revision Notes:

C01	16/12/21	For Construction	SR	MS/KR
Revision	Date	Description	Drawn	Apprvd.

 **Planit I.E. Limited**
E: info@planit-ie.com W: planit-ie.com

MANCHESTER
2 Back Grafton St, Altrincham, WA14 1DY
T: 0161 928 9281

LONDON
Unit 6 Waterside, 44-48 Wharf Road, London, N1 7UX
T: 0207 253 5678

LIVERPOOL
No. 8 Princes Parade, Princes Dock, Liverpool, L3 1DL
T: 0151 705 6746

Client Manchester City Council

Project Our Town Hall

Drg Title Softworks Detail
Tree Pit In Hard Landscape

Created on	Created by	Approved by
16-12-21	SR	MS

Scale	Size	Workstage
As Shown	A3	Stage 5

Drg No.	Suitability	Revision
OTH-PLA-EE-ES-DWG-L-6008	S4	C01