

KEY:

1. 35-40cm girth clear stemmed tree. Refer to planting plan for information.

2. 4000mm x 4000mm square x 1550mm depth tree pit.

3. 2000 x 2000mm tree surround. Mild steel recessed tree surround and frame. 85mm tray depth for paving infill. DDA compliant drainage slots, 440mm central tree aperture. Threaded lifting points. Root irrigation system. Design incorporates 6 x 217mm overall width trays for paving infill and mild steel support beams.

4. 600mm depth bioretention soil, standard 38.6% porosity, or similar, equal and approved.

5. Aeration/irrigation pipe. To be double air inlet system with 100mm diameter cast aluminium 'Hydrogrille' grid cover.

6. 500mm depth RH37 or similar equal approved medium coarse washed sand. The bottom of the rootball should sit within this layer.
7. Permeable geotextile membrane to engineer's detail and specification.

8. 300mm depth coarse graded gravel 4-20mm (Ø) as specified, wrapped in geotextile.

9. 50mm depth granite chippings, colour to match adjacent paving. 15-20mm diameter.

10. Extent of root ball. 1.2m x 700mm rootball.

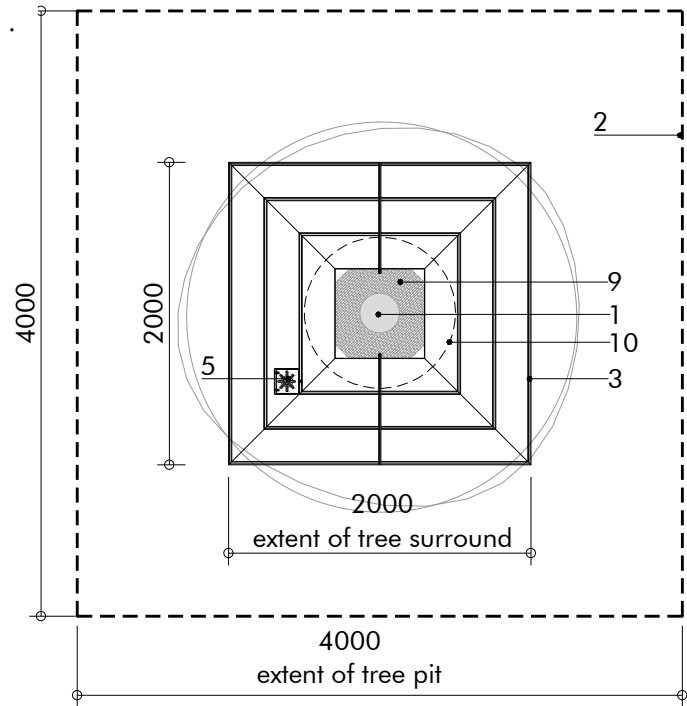
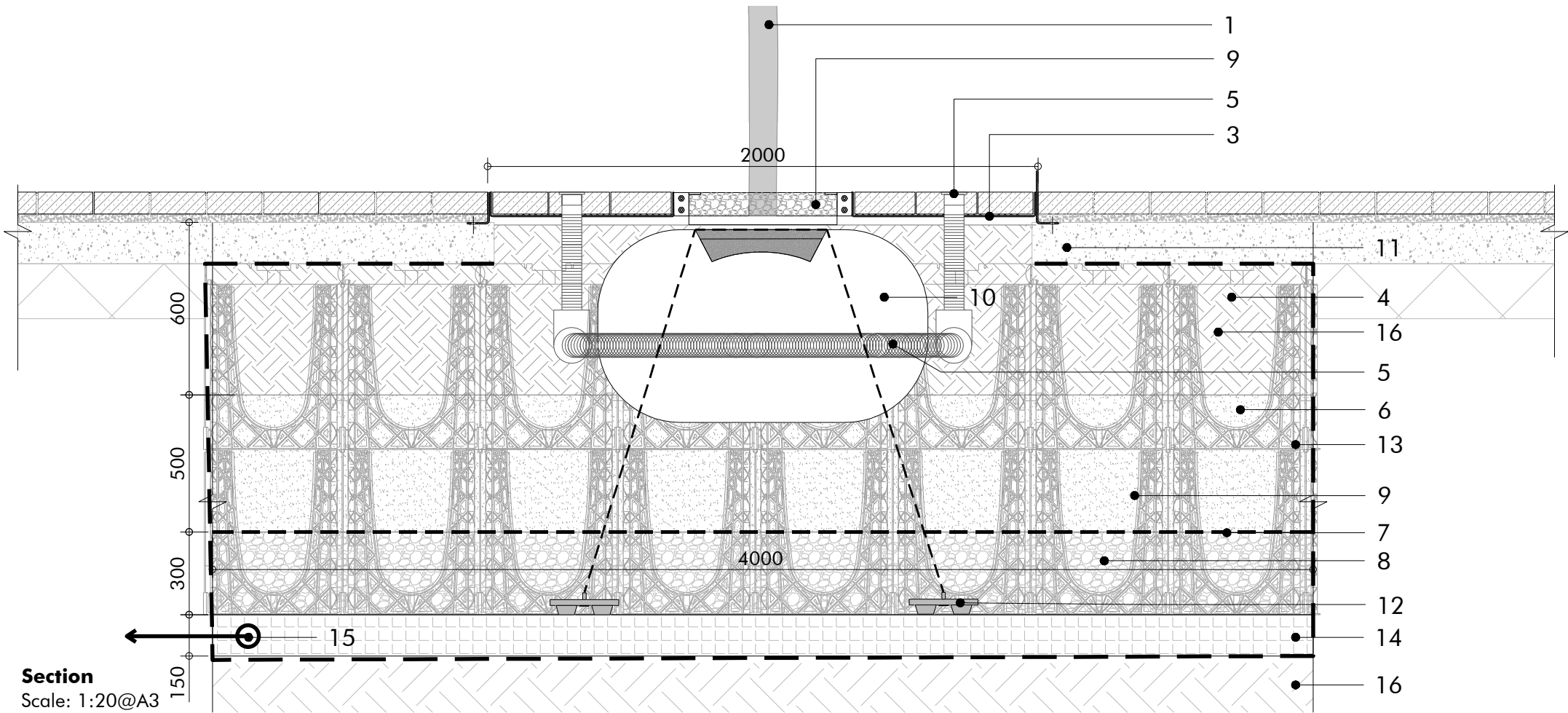
11. Reinforced concrete slab to engineers specification.

12. To be secured with Platipus 'D-Man' structural system cells as specified by Platipus Anchors. 3 no. 'D-Man' Cells to base of tree pit.

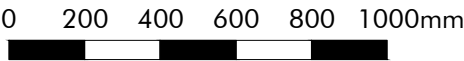
13. Structural cellular system to be backfilled with growing medium. 2x modules deep or equal and approved.
14. Geocellular storage layer to base of tree pit. To form connection to attenuation tank. Below ground geocellular storage cells to engineer's detail and specification.

15. All drainage connections and outlets to engineer's detail and specification.

16. Existing ground.



Revision	Description	Drawn by	Checked by	Date
P1	For Planning	AL	RG	23.11.23
P2	For Planning	AL	RG	12.12.24



project	Hotspur Press, Manchester	drawn by	AL
status	For Planning	checked by	RG
title	Typical Detail - Tree Pit in Hard	date	23.11.23
Xref	n/a	scale	1:20@a3
drawing No	1391-402	revision	P2