

**NOTES**

The Landscape Contractor is responsible for identifying all services below ground prior to the excavation of any tree pit. If plans are not available then detection equipment must be used, if there is a conflict between the pit position and services the Site Manager must be informed.

All arisings from tree pit excavation must be removed either to an area identified by the Site Manager or to an approved tip off site.

If services run close to the tree pit (within 1m) then a suitable root barrier must be installed to the side of the pit. The barrier must fit to both the width and depth of the pit, a sample or details of the proposed barrier must be submitted for approval.

Prior to installation the rootball anchoring system/staking details must be submitted for approval.

All tree pits must be backfilled with topsoil in accordance with BS 3882:2015 'Specification for topsoiling'. If soil has not been supplied by site then approved soil must be imported to site, all certificates must be handed to the Site Manager on delivery.

All works must be completed in accordance with the detail.

An aftercare programme must be agreed with the region to ensure that the tree is monitored and watered on a regular basis.

Where soil conditions are poor, the tree pit size should be increased to provide additional quantities of topsoil to help encourage the establishment of the trees. This is essential in areas of hardstanding where Amsterdam tree sand/soil should be used to provide sufficient rooting space for the proposed trees, whilst maintaining structural integrity for the surrounding hard landscape.

Tree pit details to be used as a guide only, all tree pit locations and construction details should be adjusted to site conditions/services etc and agreed by the site engineer prior to installation.

Tree trunk to be aligned so that it is vertical from all sides. To be rechecked after pit has been backfilled, minor adjustments may have to be made.

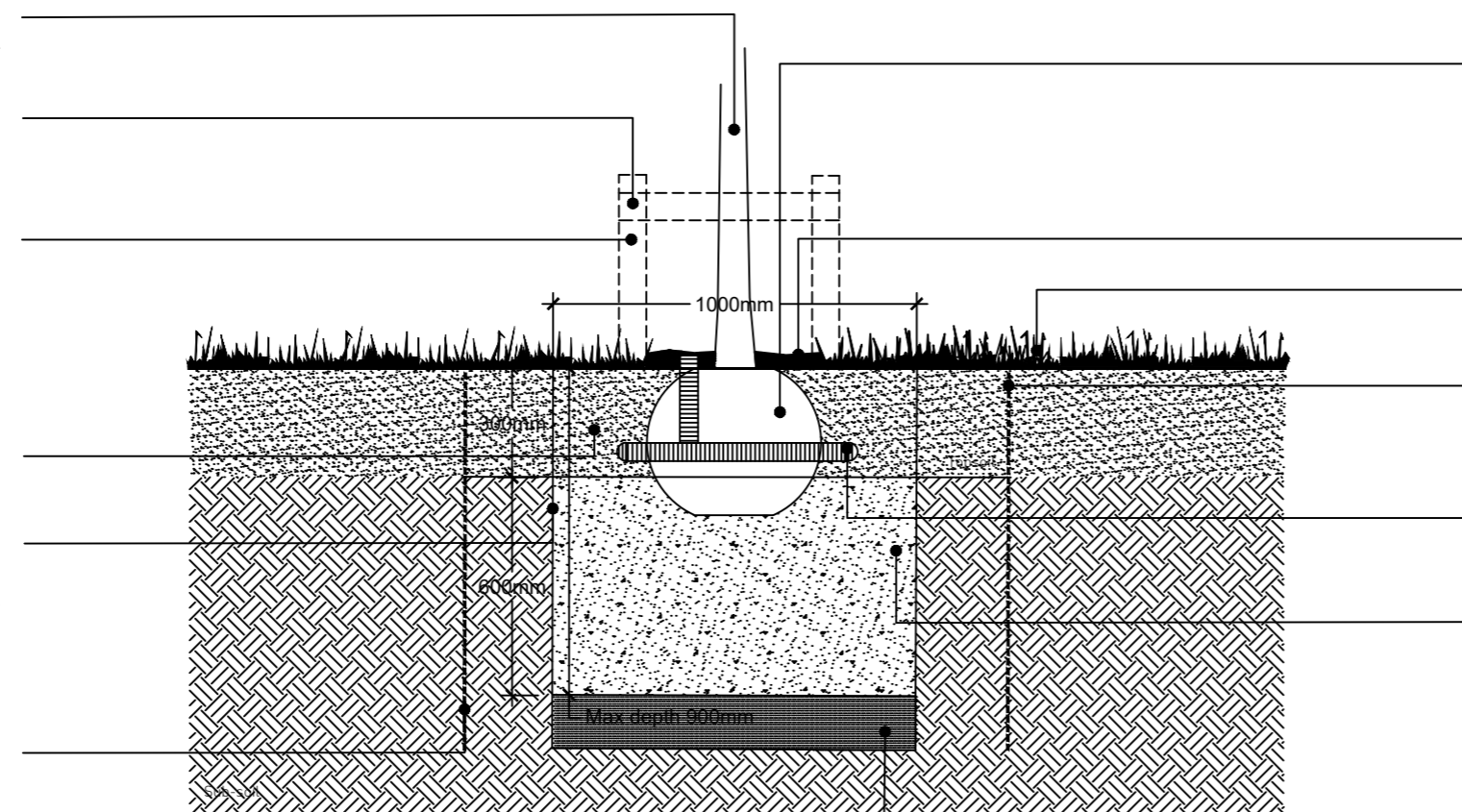
All rootball, container grown and trees including heavy standard size shall be double staked.

Stakes to be pressure impregnated softwood, round, peeled, straight, free of projections and pointed at one end. 100mm dia stakes, 1.8m long (500mm below ground) with timber cross bar. Tree to be secured to cross bar with suitable tie and spacers. Stakes and cross bar to be positioned towards prominent wind direction to avoid tree 'breaking it's back' against cross bar.

Tree pit back filled in part (top 300mm) with topsoil. Topsoil specification in accordance with BS 3882:2015 Specification for Topsoil.

Base and side of pit to be broken up to ease root penetration into surrounding ground, this will also help break up compacted ground and improve drainage of pit.

Location of tree root protection barriers. ReRoot 600 GreenBlue Urban Ltd (or similar approved), 600mm depth to be specified to protect path edge and deflect root growth downwards. ReRoot 1000 GreenBlue Urban Ltd (or similar approved), 1000mm depth to be specified to the edge of the verge and extended minimum of 2m beyond the expected mature tree canopy, or within 2m of services (to be installed on the side of services only) as directed by the project engineers.



Tree to be planted at nursery level. Tree pit to be excavated to a width to suit the rootball diameter (exact sizes of rootball to be confirmed with supplier/nursery prior to excavation). Width of pit to be determined on site, this will depend on constraining factors such as soil conditions, adjacent services, hard standing etc. Generally the pit should be twice the width of the container (subject to constraints on site).

75mm depth mulch ring (500mm diameter) in accordance with Landscape Implementation & Maintenance Guidelines.

Surrounding areas of amenity grass.

Location of tree root protection barriers. ReRoot 600 GreenBlue Urban Ltd (or similar approved), 600mm depth to be specified to protect path edge and deflect root growth downwards. ReRoot 1000 GreenBlue Urban Ltd (or similar approved), 1000mm depth to be specified to the edge of the verge and extended minimum of 2m beyond the expected mature tree canopy, or within 2m of services (to be installed on the side of services only) as directed by the project engineers.

60mm diameter perforated irrigation pipe wrapped around rootball.

Tree pit backfill to comprise of a previously prepared thorough mixture of excavated material in accordance with BS 8545:2014 'Nursery to Independence in the landscape'. Backfilled material to be mixed with good quality proprietary tree planting compost (15% of backfill volume). After backfilling apply Enmag slow release fertiliser at a rate of 400g / cubic metre and supply a minimum of 54 litres of water at the time of tree planting. Topsoil should not be used below the depth of the original topsoil layer.

If required 150mm of washed gravel (6-10mm) to base of pit to improve ground water percolation and reduce risk of pit flooding (generally to be used when planting species that require dry/free draining soils).

**Trees within Soft Landscape Area - Extra Heavy Standard Trees  
Scale 1:20**

Tree trunk to be aligned so that it is vertical from all sides. To be rechecked after pit has been backfilled, minor adjustments may have to be made.

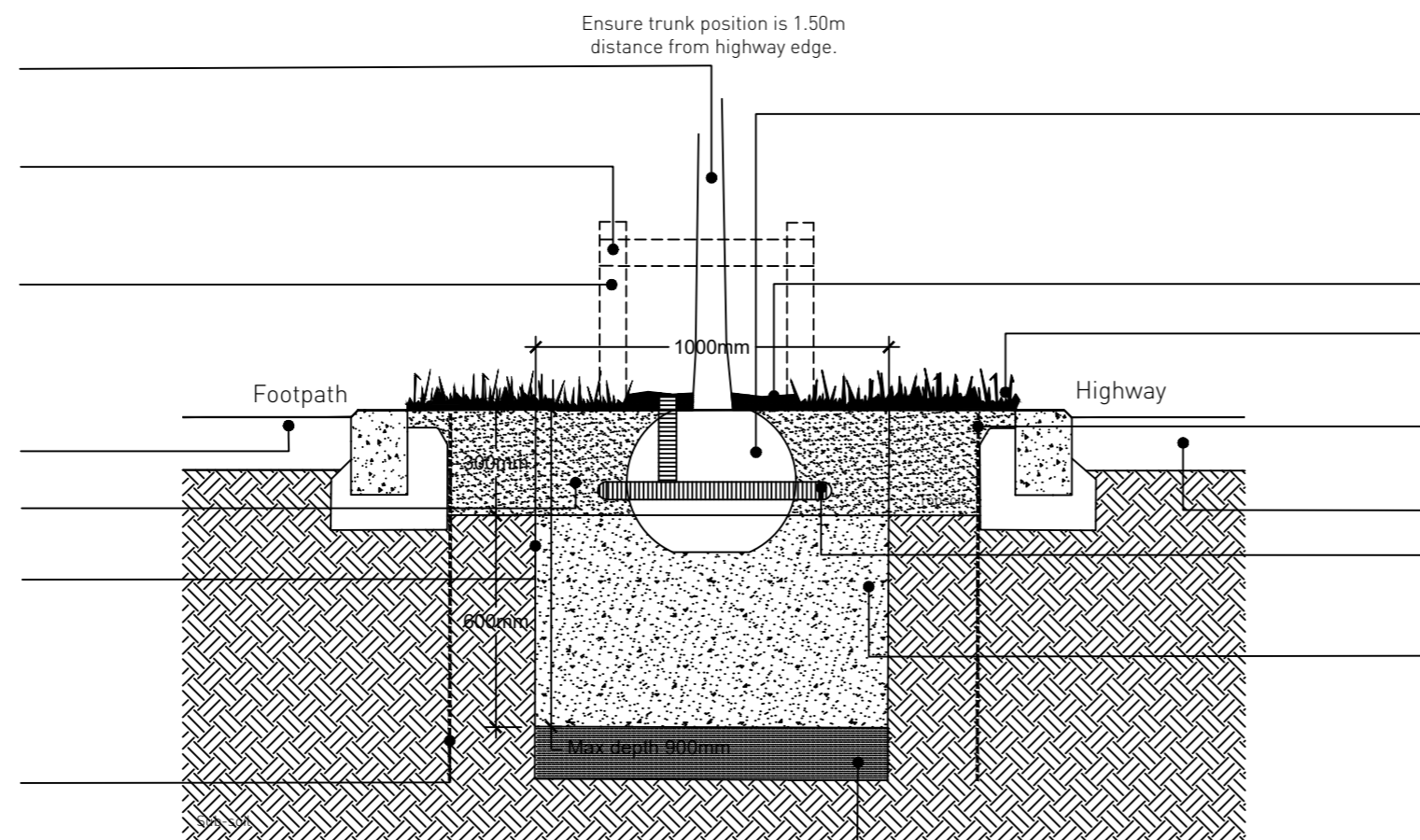
All rootball, container grown and trees including heavy standard size shall be double staked.

Stakes to be pressure impregnated softwood, round, peeled, straight, free of projections and pointed at one end. 100mm dia stakes, 1.8m long (500mm below ground) with timber cross bar. Tree to be secured to cross bar with suitable tie and spacers. Stakes and cross bar to be positioned towards prominent wind direction to avoid tree 'breaking it's back' against cross bar.

Indicative cycleway construction to be detailed by engineer  
Tree pit back filled in part (top 300mm) with topsoil. Topsoil specification in accordance with BS 3882:2015 Specification for Topsoil.

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Tree to be planted at nursery level. Tree pit to be excavated to a width to suit the rootball diameter (exact sizes of rootball to be confirmed with supplier/nursery prior to excavation). Width of pit to be determined on site, this will depend on constraining factors such as soil conditions, adjacent services, hard standing etc. Generally the pit should be twice the width of the container (subject to constraints on site).

75mm depth mulch ring (500mm diameter) in accordance with Landscape Implementation & Maintenance Guidelines.

Surrounding areas of amenity grass.

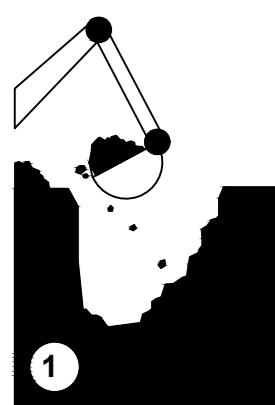
Location of tree root protection barriers. ReRoot 600 GreenBlue Urban Ltd (or similar approved), 600mm depth to be specified to protect path edge and deflect root growth downwards. ReRoot 1000 GreenBlue Urban Ltd (or similar approved), 1000mm depth to be specified to the edge of the verge and extended minimum of 2m beyond the expected mature tree canopy, or within 2m of services (to be installed on the side of services only) as directed by the project engineers. Indicative highway construction to be detailed by engineer.

60mm diameter perforated irrigation pipe wrapped around rootball.

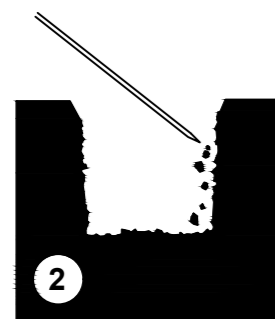
Tree pit backfill to comprise of a previously prepared thorough mixture of excavated material in accordance with BS 8545:2014 'Nursery to Independence in the landscape'. Backfilled material to be mixed with good quality proprietary tree planting compost (15% of backfill volume). After backfilling apply Enmag slow release fertiliser at a rate of 400g / cubic metre and supply a minimum of 54 litres of water at the time of tree planting. Topsoil should not be used below the depth of the original topsoil layer.

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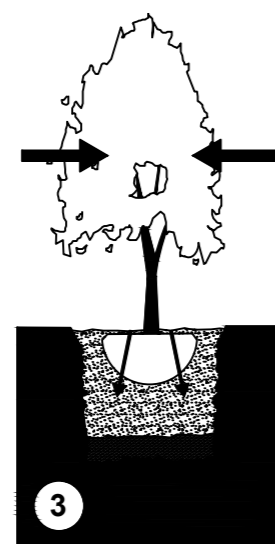
**Trees within Soft Landscape Highway Verges - Extra Heavy Standard Trees  
Scale 1:20**



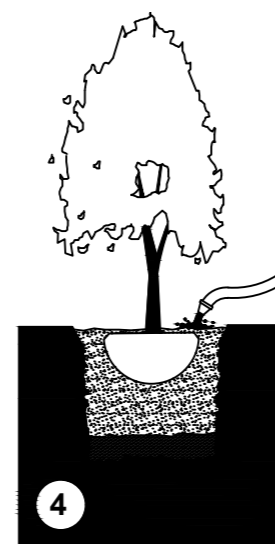
**1**  
Excavate tree pit to the specified depth and a width that will accommodate the proposed rootball, minimum width 800mm.



**2**  
Break up and loosen material to the sides of the pit, in particular the base of the pit to avoid leaving heavily compacted ground.



**3**  
Plant rootballed tree at nursery level in accordance with above detail using an approved anchoring system. Ensure that tree is vertical.



**4**  
Water tree to field capacity following planting works, trees must be checked and watered on a regular basis.

Wykham Park Road,  
Banbury  
**Tree Pit Details**

Drawing Ref: P21-2662\_EN\_0002\_A\_0001

Client: PERSIMMON HOMES

Date : 20/12/2022  
Drawn by : AP  
Checked by : AP  
Scale : 1 : 20 @ A2

