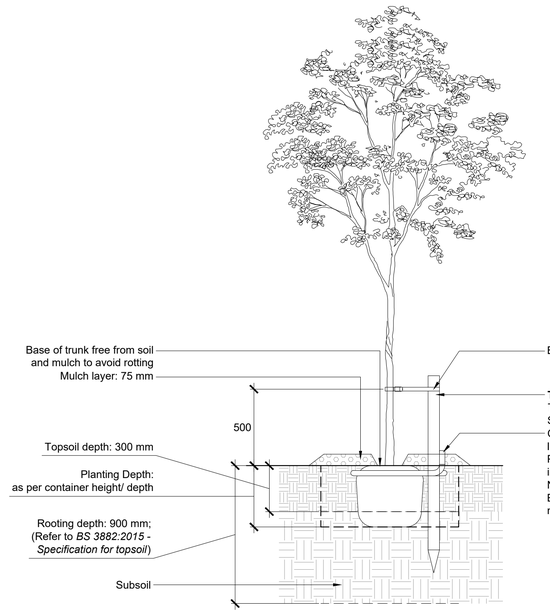


1/341 Tree Planting Detail - Single Staking
Scale: 1:20

1/341 Tree Planting Detail - Single Staking
Scale: 1:20

0 100 250 500 mm 1m
Scale 1:20

Tree Planting and Staking Details
Northwood Forestry, Goose Green Lane, Pulborough

Specification:

Tree Staking
Tree stakes used to be driven into the ground to min. 30 cm depth below the bottom of tree pit.
Stakes to be inserted on the side of the prevailing wind.
Tree tie to be attached at max. 60 cm above the ground level.

Underground Guying Systems
Deadmen to be positioned at least 30cm below the base of rootball. Only tree soil should be used above the deadmen and must be finally compacted to 60%, up to the nursery line.

Due to settlement all trees should be re-tensioned after planting.

Soil must be compacted properly for deadman system to work effectively.

Always refer to Underground Guying System Manufacturer's literature for installation details.

Tree Pits
Sizes: square in plan; twice as large as diameter of root ball/ container; if soil profile available is deeper than 900 mm, pit to be no deeper than the size of root ball.

Sloping ground: Maintain horizontal bases and vertical sides with no less than minimum depth throughout.

Pit bottoms: With slightly raised centre. On heavy soils: break up with fork to a depth of 150 mm.

Pit sides: Scarify.

Planting:
Root system of the tree should be wetted prior to planting.

Depth: The root flare of the newly planted tree should be clearly visible at the soil surface; it should not be buried by excess soil or mulch. Allowance should be made for settling of the soil after planting (ca. 10%).
The rootball or root–stem transition should be level with the existing host soil or surface.

Topsoil should not be used below the depth of the original topsoil layer.
Backfill to be added gradually, in layers of 150 mm depth, ensuring the tree is held upright. At each stage firm the fill in to eliminate all air pockets under and around the root system; care should be taken not to excessively compact the soil.
The final layer of backfilling should not be consolidated, but should be of a sufficient depth to allow for settlement and mulching.

Immediately after planting, the tree pit should be saturated to field capacity.

Mulching
Conifer bark mulch, 10-40mm particle size, FSC certified, to BS EN 4790:1997 for fire resistance
containing less than 20% white wood, dust and fines.
Depth: 75 mm.

Notes:
1. For typical planting details refer to drawing *LLD3154-LAN-DWG-340.*

PLANNING ISSUE

Rev	Description	Date	Initials
00	Planning Issue	09.05.24	MJ

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Client
BPH
Project Title and Location
Northwood Forestry
Goose Green Lane, Pulborough
Drawing Title
Tree Planting and Staking Details

Scale	*Drawn*	*Approved*	*Date*
1:20@A1	MJ	SL	09.05.24

Drawing No **LLD3154-LAN-DWG-341** *Revision* 00