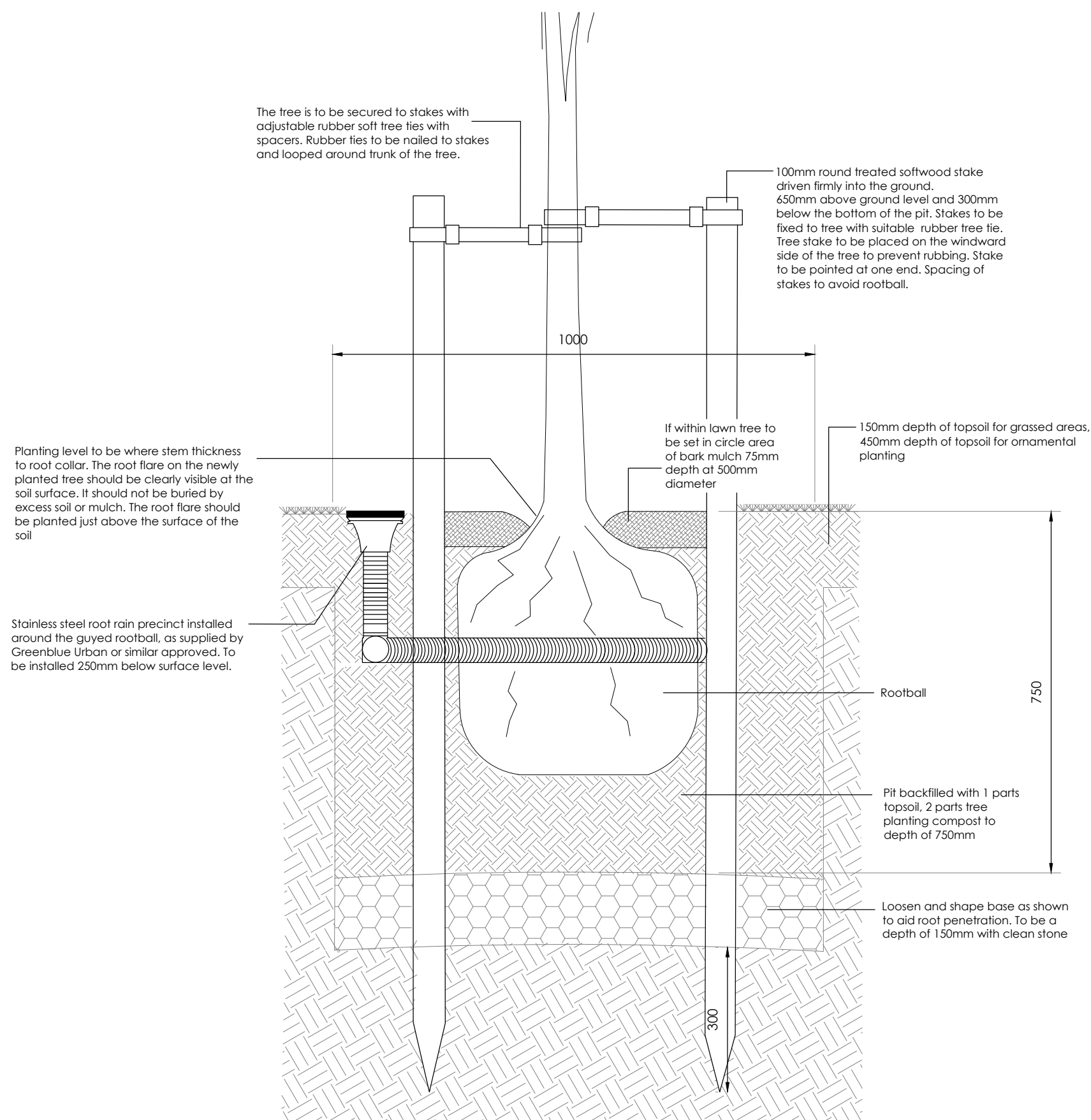
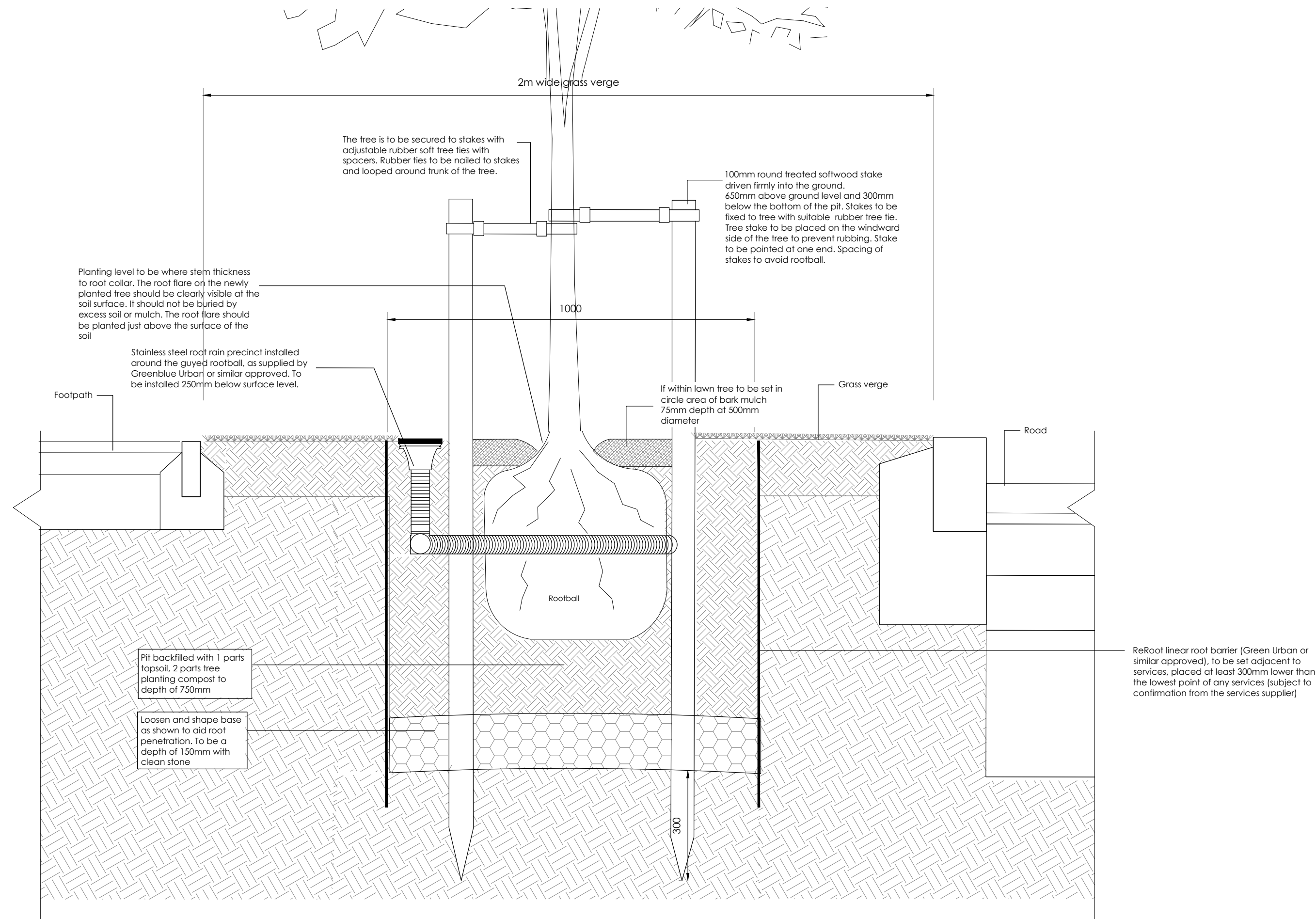


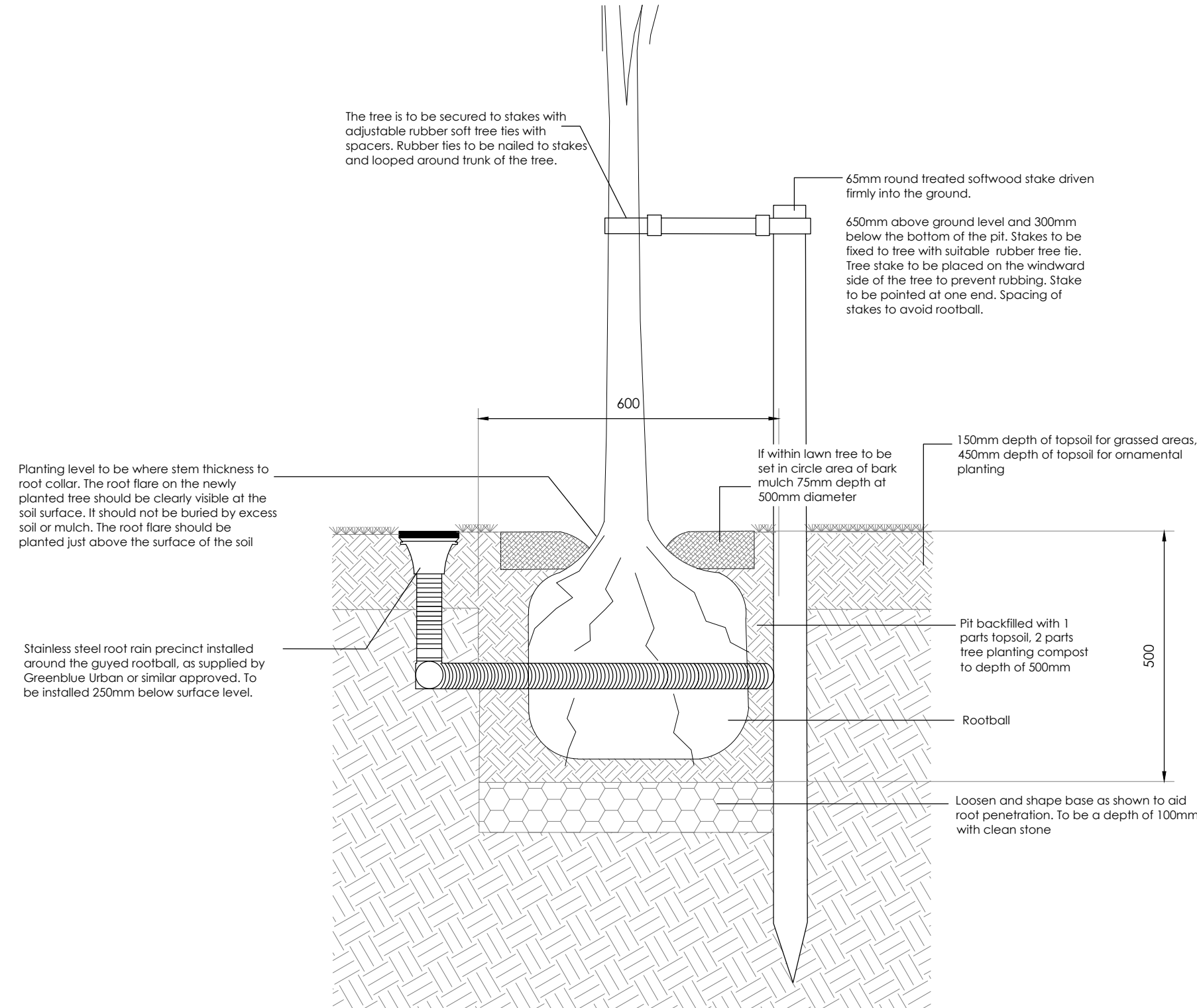
DETAIL 1 - EXTRA HEAVY (14-16cm) AND HEAVY STANDARD (12-14cm) TREE IN SOFT LANDSCAPE
Scale 1:10



DETAIL 3 - AVENUE TREES IN THE GRASSED VERGE
Scale 1:10



DETAIL 2 - SELECTED STANDARD (10-12cm) TREE IN SOFT LANDSCAPE
Scale 1:10

**TREE NOTES (accordance with BS8545:2014)**

Handling and Storage

- The lifting of bare root and rootballed trees should take place only in the dormant season.
 - Ground conditions at the time of lifting should be favourable; the ground should not be waterlogged, excessively dry or frozen. Particular attention should be paid to the protection of root systems in drying winds and from direct sunlight.
 - Container-grown and containerized trees can be dispatched at any time of the year. Irrespective of the time of year when such trees are dispatched, the fibrous roots in the container should hold the compost ball together once the container is removed. If the compost ball falls apart, the tree should be rejected as there has been inadequate root development.
 - The length of time that trees are held in temporary storage should be kept to a minimum. There are occasions when rootballed trees are lifted during the dormant season and stored for supply at a later date. Such trees should be stored in an upright position and irrigated until dispatched.
 - Rootballed or containerized trees should be lowered intact from the lorry by hand or machinery. They should not be dropped onto the ground, as this can cause damage to the root system.
- Planting the tree
- During the preparation of the tree pit, the soil is disturbed, but the base of the tree pit should remain undisturbed unless there are specific problems such as poor drainage, soil smearing or pans resulting from pit construction which need to be rectified.
 - The backfill medium used should be as close as possible in texture and structure to the soil excavated from the tree pit. Ideally the soil dug from the excavated pit should be used as the backfill medium.
 - Topsoil should not be used below the depth of the original topsoil layer.
 - Structural soils and underground cellular systems are a solution where the planting area requires a load-bearing capacity and where adequate soil volume is unavailable. The use of structural soils and underground cellular systems is a specialism, and specialist experience and advice should be sought as to their suitability before their use is recommended.
 - Above ground system should allow for canopy and stem movement as low down a tree as practically possible, whilst supporting the structural function of the root system.

- Before tree is p

- 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. Where rootballed trees have been supplied with the root flare too deep, any excess soil should be removed from the uppermost surface of the rootball to reveal the root flare at the time of planting.
- Once a rootballed tree has been positioned in the planting pit, hessian, twine and the wire cage should be loosened. If wire encircles the stem diameter as part of the wire cage of the rootball, this should be cut and removed.
- At no time should trees at the planting site be left with their root systems exposed or vulnerable to drying out.
- The planting pit should be no deeper than the existing rootball or container depth. Tree pit sides should not have compacted, glazed or smeared sides from digging. Sides of a planting pit that have been smeared or smoothed during excavation should be scarified. Tree pits should have a diameter at least 75 mm greater than that of the root system. During excavation of the tree pit, the soil dug should be placed to one side separating topsoil and subsoil as far as is practical. The tree's root system should be wetted prior to planting.

- The tree should be planted at the correct depth taking into account the position of the root flare and the finished level. Allowance should be made for settling of the soil after planting. The rootball or root-stem transition should be level with the existing host soil or surface. Backfill should be added gradually, in layers of 150 mm to 230 mm depth, ensuring the tree is held upright. At each stage the fill should be firmed in to eliminate all air pockets under and around the root system, but with care being 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.

GENERAL NOTES

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- This drawing to be read in conjunction with all relevant Architects' Engineer's, Specialists, Bills of Materials and Specifications.
- The insertion of any form or proprietary brand on this drawing is at the discretion of the client and is not a requirement and does not exclude the use of alternative materials that are equal in performance, quality and appearance. All materials to have been approved in writing by the Landscape Architect.
- The Contractor is responsible for accurately ascertaining the position of underground services and all relevant service easement requirements.
- All dimensions are in millimetres unless stated otherwise. All measurements are scaled and only written dimensions used. Written and scaled dimensions to be used for ordering and installation. All measurements to be for work commencing. If not IN DOUBT PLEASE ASK.
- All work and materials are to be in accordance with the relevant British Standards and Code of Practice.
- All Proprietary products are to be used strictly in accordance with the manufacturer's instructions and guidance.

TREE PLANTING AND SERVICES

SERVICE LINES TO BE INSTALLED CLOSE TO BACK EDGE OF PAVEMENT TO ALLOW FOR PROPOSED TREE PLANTING AND ASSOCIATED ROOT PROTECTION BARRIERS ALONG AVENUE

ROOT BARRIERS TO BE INSTALLED MINIMUM 300MM BELOW GROUND LEVEL WHERE TREE PLANTING IS PROPOSED ADJACENT TO SERVICES.

**FINAL POSITION OF TREES TO BE AGREED ON SITE FOLLOWING
INSTALLATION OF SERVICES TO AVOID CONFLICT.**

REVISION NOTES

Rev	By	Description	Date

Client
Anwyl and Bellway

Project
Home Farm, Gresford Road, Llay

Description
Tree Pit Detail

Status
For Approval

Scale @ A1	Drawn	Checked	Date
1:10	MW	CT	14.06.18
Job number	Drawing number		Revision
2912	301		-

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