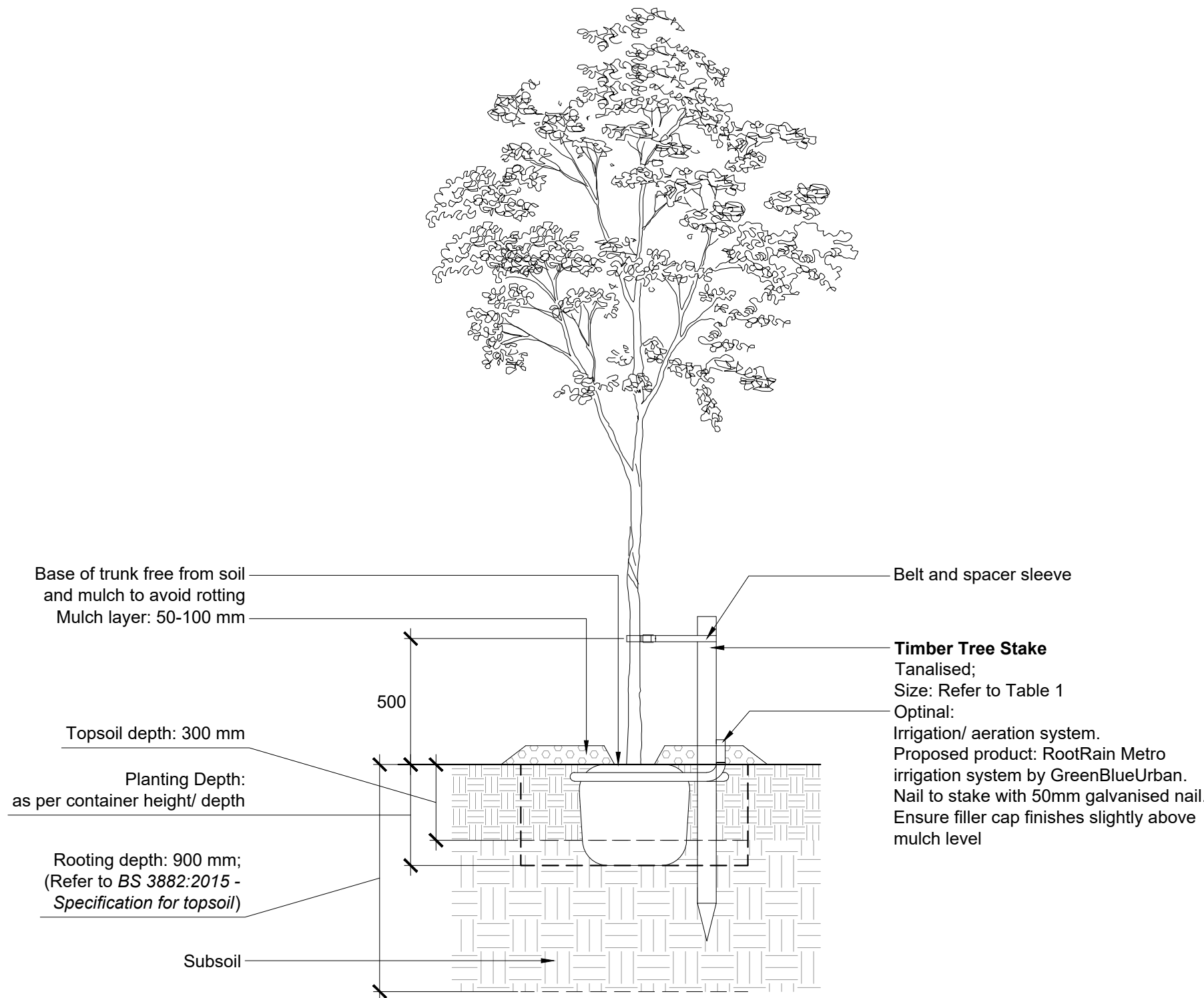
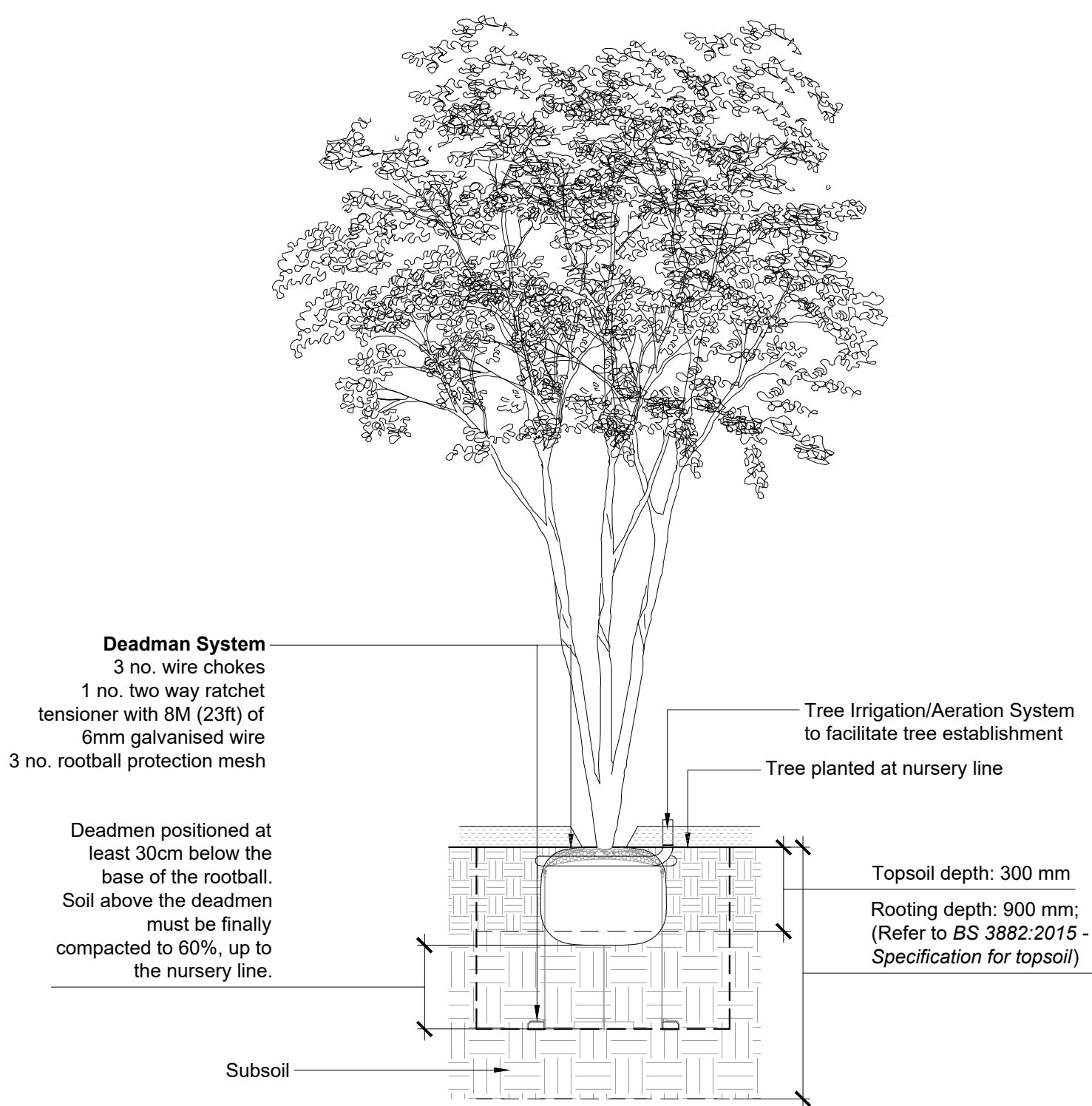


TREES
(SELECTED STANDARD STOCK)



1 Tree Planting Detail - Single Staking
Scale 1:20

TREES
(MULTI-STEM)



2 Tree Planting Detail - Underground Guying
Scale 1:20

Table 1. Tree Staking Details

Staking	Light Feather	Standard Feather	Selected Standard	Heavy Standard	Extra Heavy Standard	Semi-mature (and above)
Number of stakes (per tree)	1	1	1	1-2	1-2	2
Minimum diameter	75 mm	75 mm	75 mm	100 mm	100 mm	125 mm
Overall height	1.0 m	1.2 m	1.2 m	1.5 m	1.5 m	2.0 m
Fixing above ground	0.3 m	0.3 m	0.5 m	0.5 m	0.5 m	0.5 m

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.

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

Depth: 50 - 100 mm is effective.

The root flare and the base of the stem should be maintained free from mulch.

The tree should be irrigated before mulch is applied.

Notes:

- For typical planting details refer to drawing LLD2859-LAN-DWG-320.

PLANNING ISSUE

Rev	Description	Date	Initials
00	Planning Issue	08.03.24	AS



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Client Elivia Homes Project Title and Location Grange Road Netley, Hampshire			
Drawing Title Typical Tree Staking Details			
Scale 1:20@A1	Drawn AS	Approved KM	Date 08/03/2024
Drawing No LLD2859-LAN-DWG-321			Revision 00

Typical Tree Staking Details
Grange Road, Netley, Hampshire

