



TREE PITS (indicative soil area shown. Adjustment may be required to allow for existing nearby services).
450mm depth ameliorated topsoil - BS 3882:2015
600mm depth subsoil - BS 8601:2014
150-300mm depth clean angular stone drainage layer
Base of tree pit to be domed subsoil to aid drainage.

Tree pit sizes as shown on plan

Method:

1. Cultivate formation levels
2. Break up existing ground
3. Add 150-300mm 10-20mmØ clean angular stone
4. Place 600mm subsoil
5. Place topsoil to 200, 450mm depth backfilled in layers 100mm deep
6. Place 100mm green compost & organic fertilisers
7. Mix items 5/6 to provide 300mm ameliorated zone
8. 50mm depth PAS 100l bark mulch (renewed annually)



TREE PIT ROOT BARRIERS

- ReRoot 1000 (1000mm depth) to edges adjacent to building edges and new retaining walls.
- ReRoot 600 (600mm depth) to edges adjacent existing walls, and path surfaces. Installed in accordance with root barrier installation information provided by engineers. Supplier: Green-tech Ltd. (or equal and approved)



PLANTING BEDS GENERALLY

300mm depth ameliorated topsoil for herbaceous planting- BS 3882:2015
450mm depth ameliorated topsoil for shrub planting- BS 300mm depth subsoil - BS 8601:2013
Break up existing ground and add 10-20mmØ clean angular stone (subject to soil assessment on site)



LAWN GENERALLY (and creepers)

150mm depth ameliorated topsoil for lawn - BS 3882:2015

Break up existing ground and add 10-20mmØ clean angular stone (subject to soil assessment on site)

METHOD FOR LAWN AND PLANTING:

1. Cultivate formation levels
2. Break up existing surface
3. Add 50mm layer 10-20mmØ clean angular stone
4. Place 300mm subsoil
5. Place topsoil depth backfilled in layers 100mm deep
6. Provide 200, 300, 450mm ameliorated zone (as above)
7. 50mm depth PAS 100l bark mulch to shrub and herbaceous areas (not for lawn areas)



Existing Tree Root Zones

Minimise disturbance to soil within existing tree root zones.

Follow recommended works outlined in the Arboricultural Impact Assessment for works within tree RPAs.

For turf remove maximum 50mm depth of surface and re-turf with lawn. For hedging and shrub planting carefully excavate hole at least 2 x the size of the plant rootball. Mix in soil improvers and compost. Avoid existing tree roots.

NOTES:

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This drawing defines the design intent and finishes only. Refer to the General Designer's information for detail information and to the Engineers specification for construction build up. Sub-base, retaining walls and foundations are illustrative only and should be agreed with the engineer/others. All dimensions nominal.

V3	25.03.2025	Stage 5 Issue, bridle path extent and e-bike storage	BS	JD
V2	24.01.2025	Steps paving layout adjusted	BS	JD
R00	20.01.2025	First Issue	BS	JD
Revision	Date	Description	Drawn	Ch'd

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Elkins Construction

Project

Worcester Close

Drawing Title

Topsoil and Amelioration Plan

Date: 30.01.2025	Scale: 1:100@A1	Drawn by: BS	Ch'd by: JD
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Status:

FOR CONSTRUCTION

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