

# Outline Planting Specification

## GROUND PREPARATION

All soil areas to be cultivated prior to the commencement of planting and seeding operations. Works to include the loosening, aerating and breaking up soil to a depth of 400 mm for planting beds and 150 mm in proposed grass areas, with weeds and any stones removed. For areas designated grass seeding, topsoil shall be prepared to a fine tilth by mechanical or hand raking. Surfaces shall be prepared to a consistent level with any surface deviation greater than 15 mm regraded. All imported materials shall be in accordance with BS 3882 for amenity use.

All areas to be planted are to be treated with roundup or similar approved herbicide at least 14 days before planting operations commence

## TOPSOILING

All top soiling to general planting and grass areas to be in accordance with BS3882. All topsoil supplied to site shall be free of pernicious weeds and roots, clay lumps, non-soil materials or other building materials. Topsoil shall be spread evenly over areas and settlement accounted for in depth calculations. Topsoil is to be spread in layers and firmed when the material is reasonably dry. All soil finishes should be married in with existing adjacent levels to form a consistent join.

Minimum topsoil depths are as follows;

Grass areas 150 mm

Native hedges 400 mm

Trees backfill with 300 mm depth, or backfilled to rootball depth + 100 mm using topsoil subsoil mix if smeared clay is present in pit or soil is identified as contaminated.

## TREEPLANTING

Tree pits are to be excavated to the depth of the rootball or larger as per the attached section with the base forked over to prevent smearing. Trees are to be planted at the same depth as supplied. Pits are to be backfilled using a mix of TPMC and this operation is to be completed in layers and firmed. All trees are to be tripple staked, cut approximately one third clear height of stem above ground level. Triple staked trees to be attached to the tree using 3 adjustable ties. All trees are to be thoroughly watered after planting. Strim guards to be fitted to base of tree.

## NATIVE HEDGEROW PLANTING

All hedge planting shall be 1m in width and planted in rows to be pit planted in sufficient sized pits capable of fully accommodating the root system. Shrubs to be planted a level as supplied and heeled in and watered if planting works are completed during a dry period. Dead damaged or straggly branches shall be removed after planting. All plants shall be fitted with strim and protection guards, where possible these shall be supplied in black or green with sufficient support and means to allow for expansion.

Bark mulch (not shredded timber) is to be applied to the base of the hedgeline and spread to a minimum depth of 75 mm with particle size of 30-50mm. The mulch shall be free of disease, pest or weed contamination, treated with a fire retardant and be supplied with a certificate of quality.

## GRASS SEEDING MIXTURE

Ground preparation - Control existing seed bank and weed establishment with an approved herbicide treatment prior to initial sowing. Good preparation is essential to success so aim to control weeds and produce a good quality seed bed before sowing.


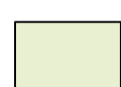






To prepare a seed bed first remove weeds using repeated cultivation. Then plough or dig to bury the surface vegetation, harrow or rake to produce a medium tilth, and roll or tread to produce a level firm surface.

Sowing - Seed is best sown in the autumn or spring but can be sown at other times of the year if there is sufficient warmth and moisture. The seed must be surface sown and can be applied by machine or broadcast by hand at a rate specified by the manufacturer. Do not incorporate or cover the seed and ensure consolidation of the seed in the soil by use of a light roller, or alternatively by treading, to give good soil/seed contact.

First Year Management - The wild flower and grass species in this mix are perennial; they will be slow to germinate and grow and will not usually flower in their first growing season. There will often be a flush of annual weeds from the soil in the first growing season. This annual weed growth is easily controlled by repeated mowing.

Mow newly sown flowering lawns regularly (every 7 - 10 days during growing season) throughout the first year of establishment. Cut to a height of 40-60mm, removing cuttings if dense. This will gradually develop a good sward structure, help maintain balance between faster growing grasses and slower developing wild flowers, and control annual weeds. Remove any residual perennial weeds such as docks.

## Key

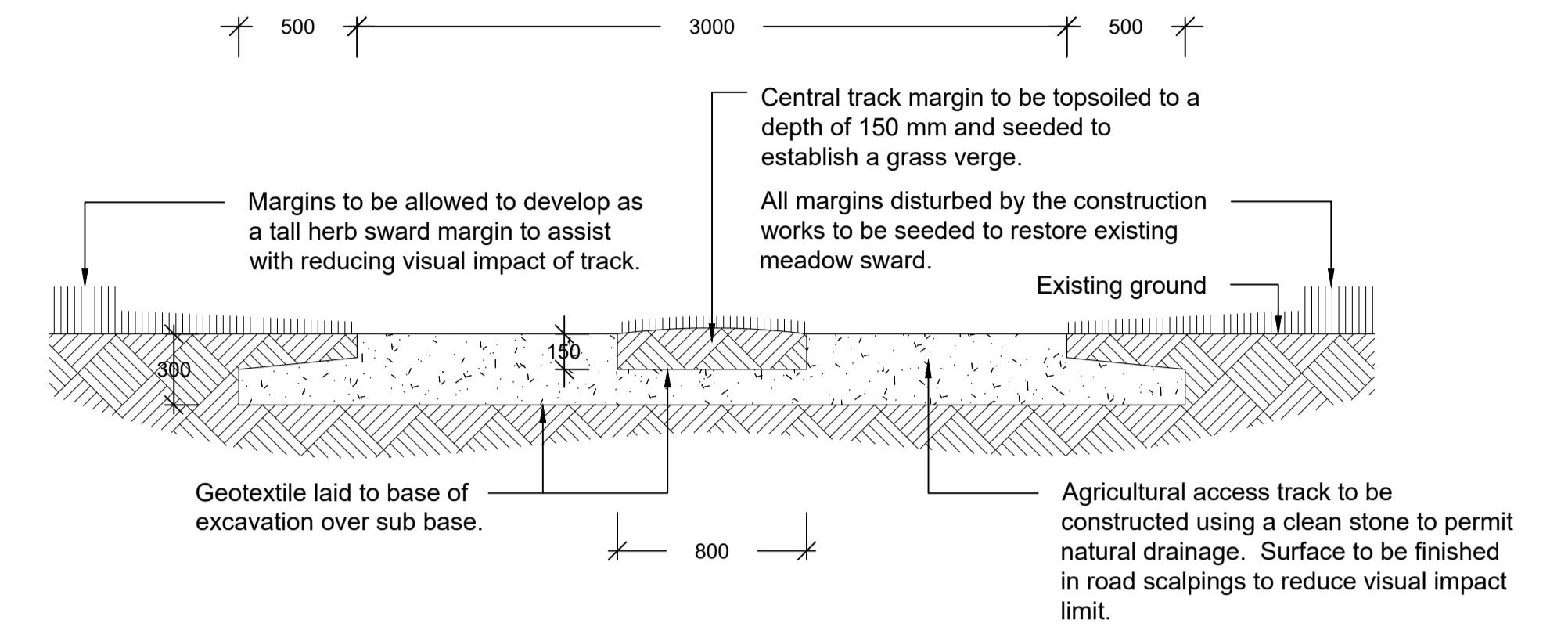
	Existing trees and hedgerow. RPA shown as dashed red line.		Existing grassland / meadow.
	Proposed native tree planting.		Proposed new access track alignment.
	Existing tree to be removed.		Tarmac road surfacing.
	Proposed native hedge planting.		Proposed gate.

## Scale

0 2 5 10 20 50



## Proposed Rural Access Track Construction Scale 1:25



## Planting Schedule

All plants to be supplied from an HTA approved nursery and in accordance with National Plant Specification

TREES Key	Species	Specification	Life cycle Carbon Capture	No.
CA	Corylus avellana	12-14cm, Ex Hvy Std, rb	2762 Kg	3
CB	Carpinus betulus	12-14cm Hvy Std 3.5-4.25m	6731 Kg	1
CM	Crataegus monogyna	12-14cm, Ex Hvy Std, rb	509 Kg	4
QR	Quercus robur	14-16cm girth	7500 Kg	3
TC	Tilia cordata	12-14cm, Ex Hvy Std, rb	5019 Kg	1

Trees to be supplied from Oak Processionary Moth (OPM) free countries, from designated pest free areas including protected zones. Plant passports will be required.

NATIVE HEDGEROW MIX (Ref: NHM) %	Species	Specification	No
15%	Acer campestre	1+1 bareroot transplant, 90-120cm height	202l/m
30%	Crataegus monogyna	1+1 bareroot transplant, 90-120cm height	
7.5%	Corylus avellana	1+1 bareroot transplant, 90-120cm height	
10%	Ligustrum vulgare	1+1 bareroot transplant, 90-120cm height	
2.5%	Lonicera periclymenum	2L container	
20%	Prunus spinosa	1+1 bareroot transplant, 90-120cm height	
7.5%	Sambucus nigra	1+1 bareroot transplant, 90-120cm height	
7.5%	Viburnum opulus	1+1 bareroot transplant, 90-120cm height	

Transplants to be pit planted in rows (November to March). Rows shall be 500 mm apart (total hedge width 3m) and planted at 500 mm centres (staggered) ensuring no less than 18 no plants per linear meter. Protect with spiral rabbit guards 60cm in height supported by cane.

## AMENITY GRASS

General POS / Amenity areas to be seeded or turfed with:  
DLF Trifolium Pro Master 50 Mix Quality Lawn/Landscape or equivalent

20%	Conrad - Perennial Ryegrass
35%	Evita - Perennial Ryegrass
20%	Herald - Strong Creeping Red Fescue
10%	Calliope - Chewing fescue
10%	Reggae - Slender-creeping Red-fescue
5%	Highland - Browntop Bent

## Notes

- 1) This drawing is to be read in conjunction with all other relevant MHP drawings and information supplied by other consultants.
- 2) Hatch patterns displayed on this drawing are indicative only and do not represent actual paving units or material sizes.
- 3) All tree planting in proximity to buildings to be checked by engineers to ensure foundation detailing is appropriate.

B Entrance position revised, proposed trees near entrance amended 15-06-23 DAL PSH  
A Annotation changes 07-06-23 DAL PSH  
Revisions: Rev: Date: Drawn: Checked:

Project:	Shornhill Farm, Withington		
Client:	Mr P. O'Sullivan		
Title:	Landscape Proposals Indicating Proposed Access Track		
Drawing number:	23027.101	Rev:	B
Status:	FOR INFORMATION		
Drawn By:	JCO	Checked By:	BD
Date:	25-05-23	Scale @ A1:	1:500

# Shornhill Farm, Withington Landscape Proposals

