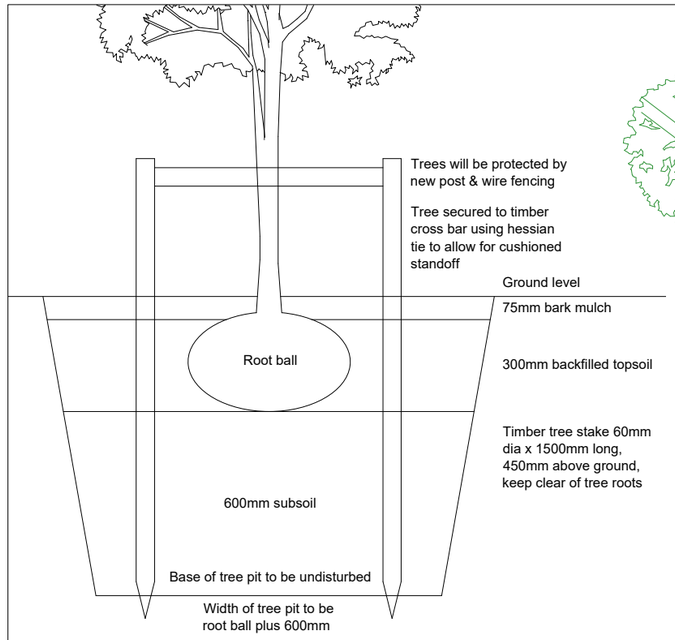


TREE PIT DETAIL 1:20

Native Species Tree & Shrub Planting

Tree Species	%	Stock	Girth	Height (cm)	Root Type	Protection
Quercus Robur (Pedunculate Oak)	25	Feathered	2x	125-150	Bare root	Cane & growth tube
Acer Psuedoplatanus (Sycamore)	25	Feathered	2x	125-150	Bare root	Cane & growth tube
Betula Pendula (Silver Birch)	10	Feathered	2x	125-150	Bare root	Cane & growth tube

Understorey Shrub Species	%	Stock	Age	Height (cm)	Root Type	Protection
Acer Campestre (Field Maple)	10	Branched transplant	1+1	40-60	Bare root	Rabbit guard
Corylus Avellana (Hazel)	5	Branched transplant	1+1	40-60	Bare root	Rabbit guard
Cretaegus Monogyna (Hawthorn)	10	Branched transplant	1+1	40-60	Bare root	Rabbit guard
Rosa Canina (Dog Rose)	5	Branched transplant	1+1	40-60	Bare root	Rabbit / shrub guard
Ulmus Glabra (Wych Elm)	5	Branched transplant	1+1	40-60	Bare root	Rabbit guard
Viburnum Opulus (Guelder Rose)	5	Branched transplant	1+1	40-60	Bare root	Rabbit / shrub guard

Trees to be planted at 4m centres with understorey shrubs to be planted 2m centres offset from tree planting.

Planting Specification

Topsoil – all planting is to take place in the existing agricultural soils on site.
Planting and Plants – all planting and plants shall be healthy in appearance and comply with the requirements of all current/relevant British Standards including BS3936 and BS4428. All planting to be carried out within the recognised planting season of November to March. All plants to be British grown stock and fully hardened off. All native species to be of local origin.
Root Dip – proprietary root dip to be applied to all bare rooted stock at the time of lifting at the nursery and prior to planting.
Watering – thoroughly water all new plants immediately after planting.

Planting Management

Any plants affected by frost heave shall be replaced. Protective fencing and stakes with ties and guards are to be inspected and maintained on a regular basis over a number of visits to site over the first five years following planting. Any damage is to be repaired or replaced as necessary. Further standard maintenance shall include watering, pest control and disease control.
Any plant losses to be replaced annually in Years 1 to 5.
Regular visits shall be made to the planting to ensure the newly planted stock is in weed free condition.

Weed Control

Hand weeding will be undertaken to remove weeds surrounding the new planting. An approved herbicide will be used in Years 1 to 3 to ensure healthy plant growth and weed free areas.

Plant Protection

All trees will be protected with a solid tubular guard with ratcher ties and secured to a wooden stake. Guards will be 750mm high.
All planting is to be fenced out to exclude stock.

Tree Stakes and Ties

All stakes are to be treated, round, smooth and not less than 100mm in diameter. Use proprietary root ties which are to be applied in accordance with the recommendations of the manufacturer.

Tree and Shrub Protection

All planting to be fenced with stock proof post and wire fencing until established. All newly planted stock to be fully protected from rabbit damage through use of proprietary tree/shrub guards applied in accordance with the recommendations of the manufacturer. All newly planted stock to be fully protected at all times from grazing livestock.

Ground Preparation and Planting

Pre planting soil preparation will ensure the health and success of the planting scheme. A minimum rooting depth of 600mm shall be provided to all tree planting areas including a minimum depth of 400mm top soil.

Loosen soil to a depth equivalent to height of the footfall and over a wide area to eliminate compaction and improve drainage.
Remove plants from containers or fabric wrapping.
Dig a planting hole that is no deeper than the roots, ideally at least 3 times the dimeter of the root system.
If the sides of the planting hole are compacted, break the soil up with a fork before planting.
Soak bare rooted trees or shrubs for about 30 minutes prior to planting and give containerised plants a good watering before removing from pots.
Plant tree or shrub in planting hole and position it so that the first flare of roots are level with the soil surface when planting is completed.
Insert a stake to support the tree.
Refill planting hole carefully, ensuing soil is placed between and around all the roots to eliminate air pockets.
Firm the soil gently, avoiding compacting the soil into a hard mass. Water the plant in.
Protect with a soil tubular guard.

Timetable

The planting shall be completed within 12 months of completion of the development approved.



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Rev	Description	Date	By
A	Tree & shrub planting added	08/04/2025	NB

Roger Parry & Partners

Residential - Agricultural - Commerical

Project	Proposed Manure Store Extension		
Drawing Title	Biodiversity Enhancement Plan		
Location	High Lanes, Isycoed, Whitchurch, Wrexham, SY13 3AZ		
Client	G Martinez		
Scale	1:500 @ A3		
Drawing No	80273 / GD / 004	Rev	A
Drawn By	NB	Date	2025/03/11

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