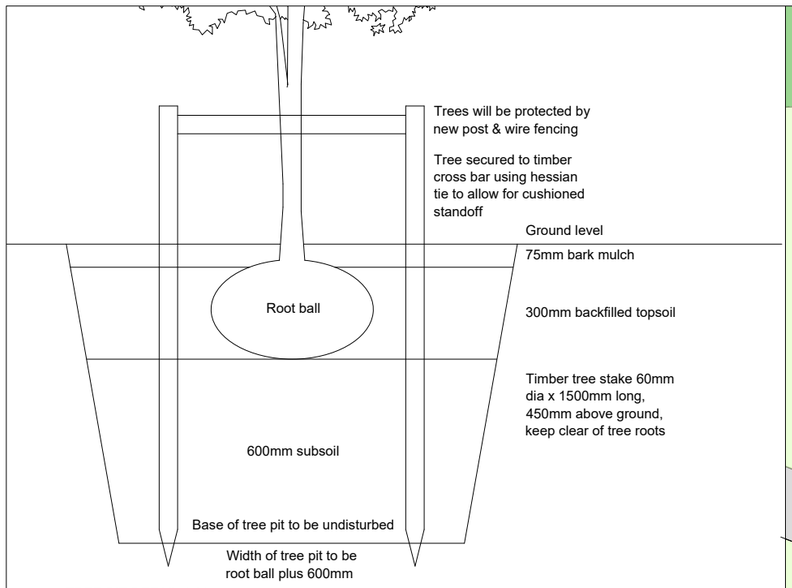


TREE PIT DETAIL 1:20

Native Tree Planting

New native trees to be planted as shown.

Tree Species	No	Stock	Girth	Height (cm)	Root Type	Protection
Quercus Petraea (Sessile Oak)	2	Feathered	2x	125-150	Bare root	Cane & growth tube
Betula Pendula (Silver Birch)	2	Feathered	2x	125-150	Bare root	Cane & growth tube
Acer Psuedoplatanus (Sycamore)	1	Feathered	2x	125-150	Bare root	Cane & growth tube
Corylus avellana (Hazel)	1	Feathered	2x	125-150	Bare root	Cane & growth tube
Sorbus aucuparia (Rowan)	1	Feathered	2x	125-150	Bare root	Cane & growth tube

Trees to be planted at 4m centres.

Native Hedgerow Planting

This hedgerow planting shall incorporate at least seven of the rural native hedgerow species listed below:
Main Matrix (transplants/quicks) 80% of planting stock:
Hawthorn (Crataegus Monogyna)
Blackthorn (Prunus Spinosa)
Interplant (whips/transplants) 20% of planting stock:
Hazel (Corylus Avellana)
Holly (Ilex Aquifolium)
Dog Rose (Canina)
Field Maple (Acer Campestre)
Dogwood (Cornus Sanguinea)
Spindle (Euonymus Europaeus)
Wild Privot (Ligustrum Vulgare)

Height of Hedgerow Plants

The hedgerow plants will be approximately 40-60cm in height, planted in two staggered rows 30cm apart with between 4-6 plants per metre.

Maintenance of New Hedgerow

The hedgerow will be well maintained by ensuring regular weeding takes place, and any natural losses will be replaced within the first five years. The protective sundries will be checked twice a year to ensure they are securely fitted and will be replaced where necessary for at least five years.

Protection For New Hedgerow

All hedgerow plants will be protected with spirals and canes or tubex tree tubes and stakes Bare rooted stock will be planted by inserting the supporting cane approximately 25cm into the ground alongside the plant, and wrap the clear spiral guard around both the plant and cane. The new hedgerow will be protected by a new stock proof fence.

Management of Existing Hedgerow

The existing hedgerows shown on this plan will be maintained and allowed to grow through hedgerow management to provide an effective screen for the development. The existing hedgerows will be restocked to provide effective 'gapping up'

Existing Hedgerow Translocation

Translocation work shall be undertaken no earlier than 1st October and all felling and coppicing works should commence no more than 3 weeks earlier. All felling and coppicing work should be undertaken in the dormant season and outside of the bird breeding season. Translocation works should be completed by mid January before any risk of the dormant period ending. Works should not be undertaken in freezing or excessively wet conditions. The existing hedge to be translocated will be coppiced, leaving 300-500mm stools. Any existing fencing will be removed prior to translocation of the hedge. Translocation will be undertaken using a tracked excavator with a low ground pressure and only in dry conditions. A receiving trench will be excavated approximately 100mm wide x 900mm deep. The bottom of the receiving trench will be worked by hand to an additional depth of 150mm. The profile of the receiving trench will attempt to replicate the size and shape of the rootball excavated when removing the hedge from its original position. 900mm deep preparatory trenches shall be dug on both sides of the section of hedge to be moved immediately prior to translocation. On no account should this operation be applied to extended sections of hedge where there is an opportunity for the rootballs to dry out. On no account should preparatory trenches be left open overnight or on any other occasion when the works are not in progress. On placement, the height and line of each plant shall be maintained. The trench is to be backfilled with topsoil from the original site position and soil firmed. This will be done approximately after 4-5 stems are in place.

Grass Seed Planting

RG The Germinal Seed House A19. Sowing rate 50g/m2.

Planting Specification

Topsoil – all planting is to take place in the existing soil on site.
Planting and Plants – all planting and plants shall be healthy in appearance and comply with the requirements of all current 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 ratchet 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 three times the diameter 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 tubular guard.

Timetable

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



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Rev	Description	Date	By
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Roger Parry & Partners

Residential - Agricultural - Commerical

Project	Proposed Barn Conversion		
Drawing Title	Biodiversity Enhancement Plan		
Location	Croxton Farm, Hanmer, Whitchurch, Shropshire, SY13 3BS		
Client	Mr Hanmer		
Scale	1:500 @ A3		
Drawing No	80087 / GH / 004	Rev	-
Drawn By	NB	Date	2025/06/19

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