

Landscape Management Plan

Proposed New Dwelling, Frog Hall Farm



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1 Introduction

1.1 Scope of this report

This report provides details of the landscape scheme and associated landscape management plan to be implemented in association with proposed new dwelling at Frog Hall Farm, Crow Lane, Sheepy Magna.

Figure 1: Location Plan



Figure 2: Aerial View of Site and Local Context



2.2 Grassland Sowing

2.2.1 Grass Areas

A general landscape seed mix Premier Seeds – Landscape Seed or similar approved mix sown at a rate of 35g/m²

80% *Agricultural Perennial Ryegrass*

20% *Strong Creeping Red Fescue*

2.2.2 Soil Preparation and Sowing

Before preparing the seed bed the existing weed cover should be removed. Rotovate the soil, and rake, harrow or roll to produce a medium fine, firm tilth.

Sow the seed mix at 35g per square metre in the autumn, winter or spring, selecting a time when the soil is moist and can be worked. One or two passes with a Cambridge (ribbed) roll will firm and level the surface and create good seed soil contact.

2.2.4 Grassland First Year Establishment

Following sowing the vegetation should be cut down to 50-70mm every time the sward reaches 150-200mm. The number of cuts required is dependent upon the fertility of the soil which will be from 1 to 4 times in the season.

2.3 Tree Planting

Tree species: Native species (see Landscape Master Plan)

Size: Semi-mature 3-4m 35L

2.3.1 Preparation and Planting

Planting areas to be sprayed with glyphosate herbicide 3 weeks prior to planting to provide a weed free zone for planting.

Stockproof fencing to be erected along field side of the planting area.

2.4 Hedgerow Planting

2.4.1 Hedgerow Species

Table 4: Hedgerow planting mix

%	Scientific Name	Common Name
5	<i>Acer campestre</i>	Field Maple
5	<i>Corylus avellana</i>	Hazel
30	<i>Crataegus laevigata</i>	Midland Hawthorn
35	<i>Crataegus monogyna</i>	Common Hawthorn
5	<i>Ilex aquifolium</i>	Holly
5	<i>Ligustrum vulgare</i>	Wild Privet
10	<i>Prunus spinosa</i>	Blackthorn
5	<i>Viburnum opulus</i>	Guelder Rose

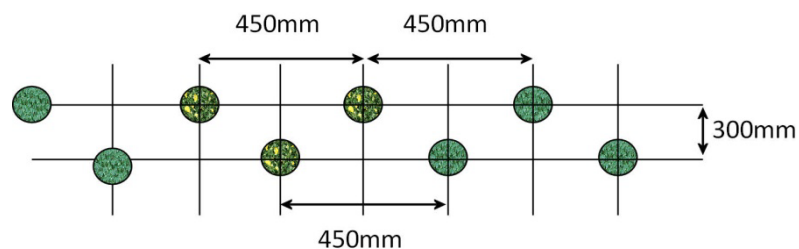
Shrubs: bare rooted 300-450mm size except Ilex which will be container grown 300-350mm

2.4.2 Preparation and Planting

Strim and spray 600mm wide strip with glyphosate herbicide at least 3 weeks before planting.

Planted 450mm centres in a double staggered row 300mm apart in random groups of 3 or 5 of same species. Shrubs have spiral rabbit guards to be bark mulched to 50mm depth.

Figure 8: Hedge Planting Matrix



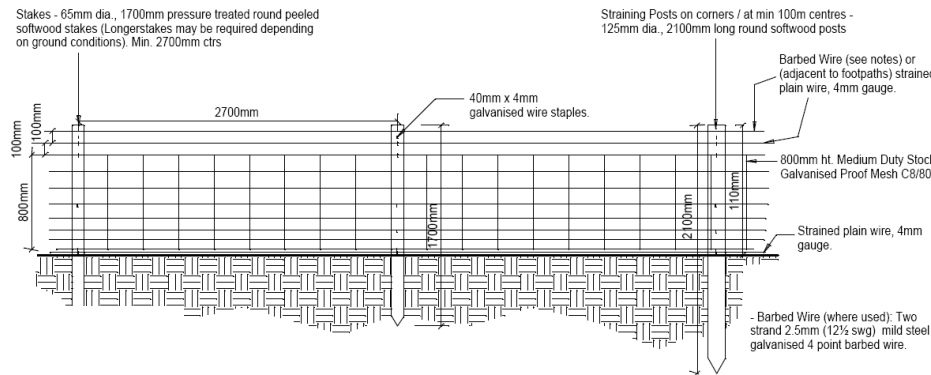
All plant roots to be soaked in alginure/seanure root dip or similar approved product prior to planting and 50g of 'enmag' or similar approved slow release fertiliser applied around the base of each plant.

Stockproof fencing to be erected along each field side of hedgerow planting providing a 2.0m protected corridor.

2.5 Tree and Habitat Protection

2.5.1 Stockproof Fencing Detail

Figure 9: Stockproof Fence



2.5.2 Tree and Habitat Protection Zones

A 5m habitat protection zone will be provided around the periphery of the field to exclude plant and vehicles from moving around near the hedges and ditches. Unless shown otherwise on approved drawings or for trees within the habitat protection zone, protective 1.2m high chestnut pale fencing shall be positioned at a distance from the trunk of at least:

- 12 times the diameter of the trunk measured at 1.5m for a single stemmed tree or
- 10 times the diameter of the tree measured immediately above the buttress flare for a multi-stemmed tree.

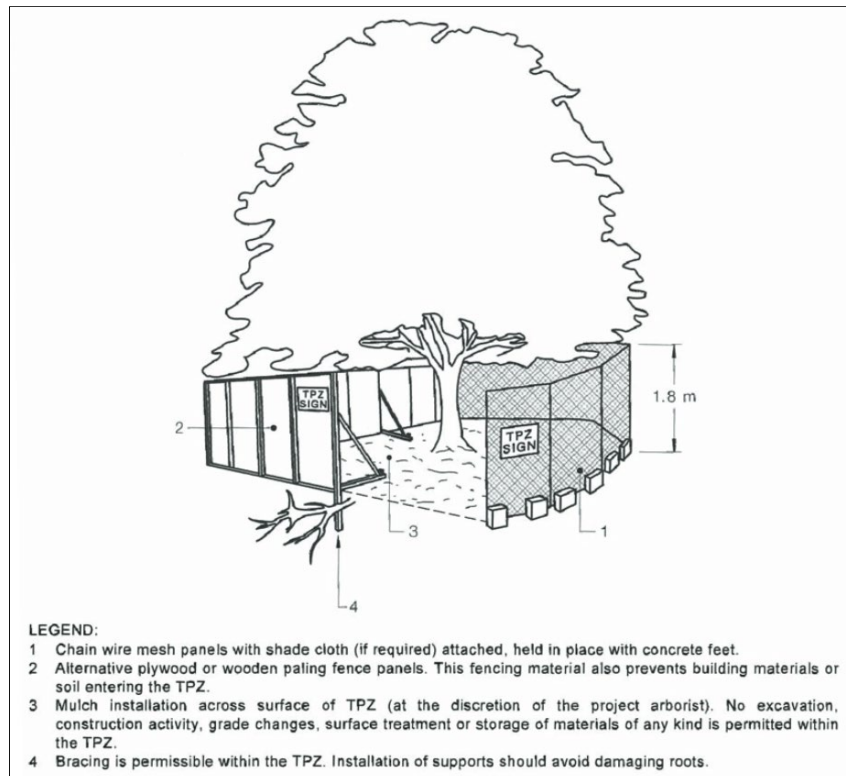
Notices should be fixed to the fencing displaying words 'Construction Exclusion Zone – Keep Out '.

All fencing shall be retained and maintained in good condition for the full duration of the construction period and considered sacrosanct unless otherwise agreed in writing with the Local Planning Authority.

Within the fenced exclusion areas, during the construction period:

- (a) No spoil, vehicles, fuel, materials, temporary buildings or ancillary equipment shall be stored.
- (b) Existing ground levels shall not be raised or lowered.
- (c) No trenches shall be laid with the exception of the pipe from the reedbed to the ditch.
- (d) Materials likely to be injurious to trees, such as the mixing of cement or the discharge of cement, oil, bitumen or other should not be permitted outside the fence where contaminated fluids could drain towards the trees, hedgerow or ditch.

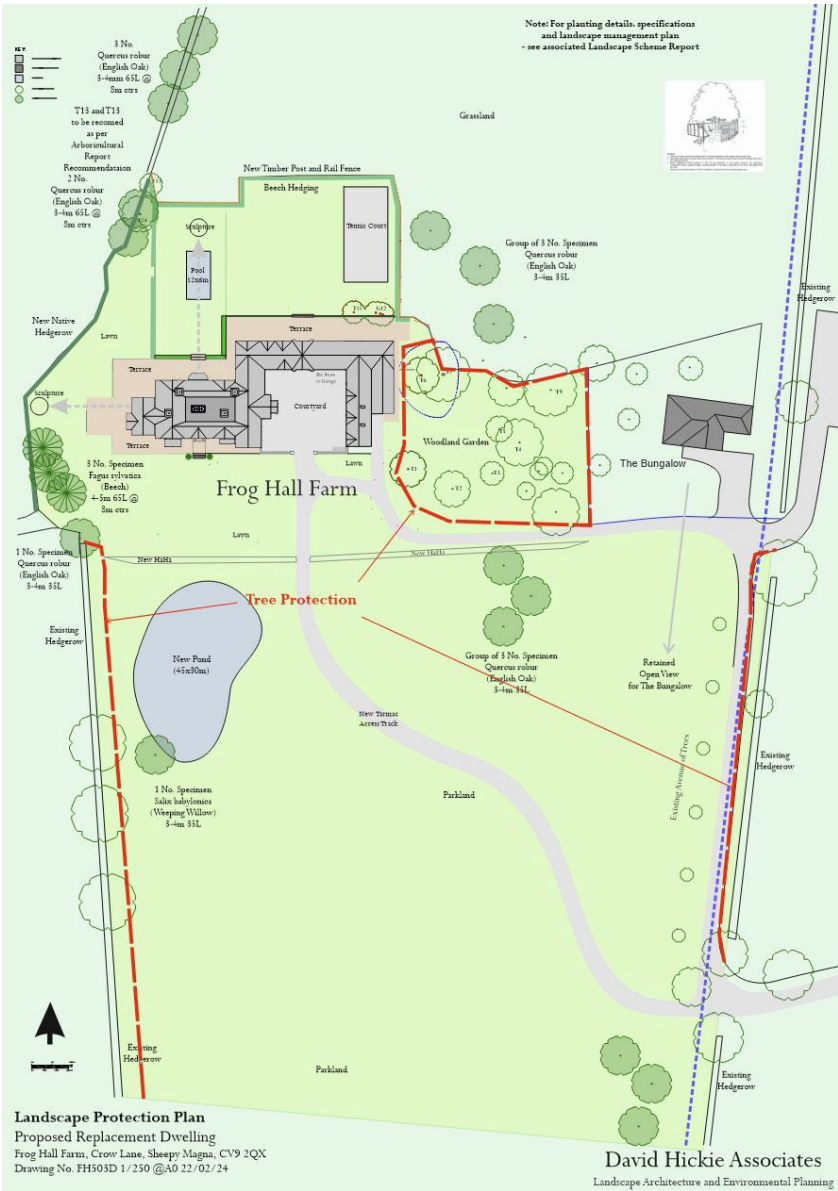
Figure 2: Tree Protection Fencing



2.6 Topsoil Conservation

Topsoil shall be removed from the areas to be excavation and graded to a stockpile area in the field. The stockpile mounds shall be no more than 2m high and machinery movement across the mounds shall be prohibited.

Figure 3: Tree and Habitat Protection Plan



3. Landscape Management Plan

3.1 Introduction

The management plan is designed to assist the landscape planting and meadow areas to grow to form mature natural habitats which can be simply and cost-effectively maintained by competent landscape or agricultural staff.

3.2 Management Programmes

3.2 Grassland

Once established, the grass sward should be cut regularly to develop a sward of 50mm high.

3.3 Hedgerow Planting

Maintenance Schedule:

Year 1:

Remove all weed growth at 4 visits (May, June, Aug & Sep).
Replace dead plants in Nov.
Annual tree inspection by competent Landscape Manager

Year 2:

Remove all weed growth at 4 visits (May, June, Aug & Sep).
Replace dead plants in Nov.

Annual tree inspection by competent Landscape Manager

Year 3:

Remove all weed growth at 4 visits (May, June, Aug & Sep).
Remove tree stakes and ties in May.
Replace dead plants in Nov.
Annual tree inspection by competent Landscape Manager

Year 4:

Maintain all ground cover planting areas free from weeds.
Replace dead plants in Nov.
Annual tree inspection by competent Landscape Manager

Year 5:

Maintain all ground cover planting areas free from weeds.
Annual tree inspection by competent Landscape Manager
Replace dead plants in Nov.

Continued annual basis:

Maintain all ground cover planting areas free from weeds.
Annual tree inspection by competent Landscape Manager

Year 10:

Maintain all ground cover planting areas free from weeds.

Annual tree inspection by competent Landscape Manager for selective thinning programme with a view to tree species being at approximately 5 m centres.

On following 5 year basis:

Continue selected thinning programme as agreed at year 10 site inspection.

3.4 Protection of Birds and other species

The Countryside and Rights of Way Act 2000 and the Conservation (Natural Habitats, &c.) Regulations 1994 provide protection for nesting birds and other species such as bats. Under this legislation, it is an offence to disturb a nesting or breeding site and any resting site of protected species. Before any tree-works or any other maintenance works takes place, an inspection of the areas to be maintained should be carried out. If nesting birds are present, works in these particular areas should be rescheduled until after the bird nesting season (Mar-Jul).