



Site Boundary

Fuel Store

Boiler Room

Dry Store

Development Boundary

Kilns

New native hedgerow

Indicative only. Hedge to be planted in first available planting season further to completion of the development.

Note - mapping is for illustrative purposes only. No measurements should be taken from this plan.

10 m 0 20 m
1: 600

A new native species-rich hedge will be established around the edge of the development footprint (where it abuts the remainder of the grassland/ scrub resource). Any scrub or hedge planting should include shrubs that are of ideally locally native provenance but as a minimum certified British native origin.

The hedgerow should be planted as a staggered, double row with five or six plants per metre. The species composition will reflect hedges near to the proposed development site and include *Crataegus monogyna* (Hawthorn), *Prunus spinosa* (Blackthorn), *Corylus avellana* (Hazel), *Acer campestre* (Field-maple), *Ilex aquifolium* (Holly) and *Rosa canina* agg. (Dog-rose). This planting will utilise native species of certified British origin and local provenance (Local Seed Zone 304⁶). An appropriate mix might be: 50%: 20%: 10%: 10%: 5%: 5%. At the present time *Fraxinus excelsior* (Ash) should not be used.

The individual plants should be notch planted during October to November using a T- or L-shaped notch following initial removal of the turf. Each shrub should be protected with a tree-shelter attached to a stake. Frosty periods will be avoided as this may harm the shrubs and there is a risk of disturbing hibernating newts.

The young plants within the hedgerow should be cut back in the first year to approximately one-third of their height to promote bushy growth. Once the hedge has been planted it should be kept weed-free through appropriate application of glyphosate-based herbicide such as Roundup (although use of herbicide will be kept to a minimum). This maintenance operation should be undertaken once a year for the first three years during the growing season. Any losses should be replaced in the first five years after planting during October/ November.

A well established hedge will require trimming from about the sixth year. The hedge shape should be 1.8-2 m high and at least 1.8-2 m wide. Once established, the requirement for annual management should be reviewed. If possible, the top and side opposite to the development could be left uncut every other year. Otherwise cutting should be undertaken after January but before March.

Once established the hedge should be laid every 10-30 years between mid-November and early March. The best time to lay the hedge would be when stem growth reaches between 5-10 cm diameters at the base.

Extract from submitted Ecological Mitigation Method Statement (Section 4.3). The text is hereby confirmed.

C442 Biomass Bolier House/ Kilns/ Dry Pallet Store and Associated Infrastructure, at James Jones & Sons Ltd, off Oak Road, Wrexham Industrial Estate, Wrexham

Planning Condition 8 - Proposed New Native Hedgerow

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