Indicative Planting Schedule Hedgerow Mix: All trees bare root (containerised if bare root not available), feathered, and 2x age to be planted as shown on plan. Planted up behind or through gaps in the site's exterior boundaries. Planted as double staggered rows at 6-8 per metre and spacings of 300-400mm as indicated in the key. Alnus glutinosa, Alder, 175-200cm Betula pubescens, Downy Birch, 200-250cm 20% Salix caprea, Goats Willow, 175-200cm 15% Corylus avellana, Hazel, 1 +1 40-60cm BR Salix pentandra, Bay Willow, 175-200cm 25% Crategus monogyna, Hawthorn, 1+1 40-60cm BR 55% Sorbus aucuparia, Rowan, 175-200cm Ilex aguifolium, Holly 60-90cm C Prunus padus, Bird Cherry 1+1 40-60cm BR 5% Prunus spinosa, Blackthorn, 1+1 40-60cm BR 5% Rosa canina, Dog Rose, 1+1 40-60cm BR 5% Viburnum opulus, Guelder Rose, 1+1 40-60cm BR 5% Ullex europaeus, Gorse, 1+1 60-90cm 2L CG 5% The final seed mixes will be chosen to best suit the soil and site conditions and to be approved by an ecologist. Species Rich Grassland Mix: Wildflower Mix: Sow rate of 20kg per ha with 80% grass and 20% wildflower Sow rate of 40kg per ha with 80% grass and 20% wildflower ratio. Wildflowers to be supplied by 'Design by Nature' or ratio. Wildflowers to be supplied by 'Design by Nature' or other as approved. To consist of the following species mix: Lotus corniculatus, Birds Foot Trefoil 8% 5% Agrostis capillaris, Common Bent Centaurea nigra, Black Knapweed Festuca rubra, Red Fescue 35% 3% Medicago lupulina, Black Medick Poa pratensis, Smooth Stalked Meadow Grass 15% Vicia sativa, Common Vetch 4% Cynosurus cristatus, Crested Dog's Tail 4% Galium verum, Lady's Bedstraw 2% Festuca ovina, Sheep's Fescue Lathyrus pratensis, Meadow Vetchling 3% Poa trivialis, Rough Stalked Meadow Grass Ranunculus acris, Meadow Buttercup 3% 2% Malva moschata, Musk Mallow Wild Bird Seed Mix: 8% Leucanthemum vulgare, Ox-eye Daisy Sow rate of 20kg per hectare, to be supplied by Watson Silene dioicia/latifolia, Red/White Campion 2% Seeds, or similar approved. Trifolium repens, Red Clover 10% Sinapis arvensis, Mustard 5% Prunella vulgaris, Selfheal Raphanus sativus. Fodder Radish Onobrychis viciifolia, Sainfoin 36% 70% Avena sativa, Oats Achillea milliefolium, Yarrow 6%

Outline Landscape Specifications:

Chenopodium quinoa, Quinoa

Existing Vegetation:

Any necessary works being undertaken within close proximity and to the retained tree lined hedgerows should be carried out in accordance with BS 3998:2010 Tree work Recommendations, BS 5837:2012 Trees in Relation to Design Demolition and Construction and NJUG 4 Guidelines for the Planning, Installation and Maintenance of Utility Apparatus in Proximity to Trees and in consultation with an arborist.

Rhinanthus minor, Yellow Rattle

3%

Proposed Planting:

Planting to be supplied in accordance with BS 3936-1:1992 Nursery Stock. specification for trees and shrubs, BS 3936-4:2007 Nursery Stock. Specification for forest trees, poplars and willows, BS 8545:2014 Trees:from nursery to independence in the landscape. All landscaping works to be in accordance with BS4428:1989 "General Landscaping Works." All planting should be source from local provenance certified seed stock where possible with other sources needing to be approved.

Feathered Tree Planting

Feathered trees to be planted into prepared pits of topsoil 500x500x450mm deep. It is assumed that topsoil is present on site however this may need to be supplemented with imported material if soil is not available to the depth required. Any compacted material at the base of the pit to be forked a further 200mm to provide demonstrable free drainage. Backfill to consist of site excavated topsoil with 25% Treestart Peat-Free planting compost incorporated. Sierrablen Flora Tablets slow release fertiliser incorporated into the tree pit at a rate of 5 tablets per tree, placed at the side of the root zone halfway up the backfill, no deeper than 20cm and distributed evenly around the roots. Trees to be secured by a single rubber tree tie with spacer to one 60mm dia. turned larch tree stake 1200mm long driven 600mm into the ground. Stakes to be once weathered at 45degrees.

Hedgerow Planting:

Hedge beds shall be excavated to a width of 700mm wide and 300mm deep, with sides and base aerated. Short lengths of individual whip infilling may be undertaken by notch planting. The existing soil should be improved by digging in well rotten Farm Yard Manure or other soil improver. Hedging plants/whips shall be healthy, vigorous, bushy and well rooted and not less than 400mm high. Whips shall be laid at 7 plants per linear metre, randomly mixed in double standard rows 300mm apart. For infill hedgerow planting the whips shall be laid at 5 plants per mentre, randomly mixed in double standard rows 400mm apart. Whips to be planted at the depth previously grown, with roots carefully spread and packed with finely broken soil, well consolidated and firmly heeled around the plant collar. After planting, hedges shall be watered thoroughly as required. All hedging to be supported by a clear spiral rabbit guard 600mm high 38mm dia. supported by a bamboo cane and 1m wide mulch matting on completion of planting.

Species Rich Grassland Mix Seeding:

Clear area of weeds, apply pre-seeding granular fertiliser to tilth at a rate of 70g/m² and lightly rake in. Apply seed mix(as above) to the soil surface, gently firmed in by rolling. Area to be watered on completion.

The disturbed areas of grassland will be sown with a low growing species rich mix of grasses, which will be lightly grazed by sheep or maintained by cutting.

Wildflower Seed Mix & Wild Bird Seed Mix Seeding

The areas of wildflower and bird seed mixes will be separated from the surrounding grassland by a stock-proof fencing to prevent any possible grazing by animals.

Wildflower Seed Mix shall be sown in September or March/April, after the completion of the construction phase. Clear

area of weeds, apply seed mix (sowing rate as above) to the soil surface, gently firmed in by rolling.

Wild Bird Seed Mix is to be sown annually in March/April, after the completion of the construction phase. Area to be

Timing & Aftercare (5yr landscape maintenance plan):

ploughed and harrowed to a fine tilth and sow the mix (sowing rate as above).

Planting of the hedgerow and trees to take place during the months of November to March, preferably before January and at a time when the soil is not frozen or waterlogged. The new plants will be watered in at the time of planting and regularly during their first year. All tree and hedgerow species will have a minimum 1m wide radius free of any weeds until 3 years after planting, when they are well established. Weeding will be done using a mulch mat and either by hand or mechanical control as required in order to prevent competition for nutrients from weeds and grasses. The planting supports and guards will be inspected regularly to ensure they are not impeding the plant's growth and will be adjusted or replaced as required. These will be removed when the planting is established within the initial 3 years.

The new hedgerow planting will be reduced by a third in height immediately after planting hawthorn and blackthorn, with other species lightly pruned and cut later in the first autumn. Trim in January/February to avoid the bird nesting season (March to August) and to allow berry crop to be available for by wintering birds (September - December). Trim on a two- or three- year rotation and shaped to an 'A' shape, to ensure thick nesting cover is available and increases the berry crop and populations of over-wintering insects. The hedging will be cut on a rotational basis using mechanical methods approximately every 2-3 years and shaped to an 'A' shape.

The grassland will be managed by light grazing or cutting several times in the first year to reduce competition from annual weeds and allow the grass to become established. Weeds may also need treating through spot treatment with an appropriate approved herbicide. In the second year and onwards the grassland can be maintained by a light grazing regime through the year or by cutting.

Areas of wildflower mix will similarly need controlling of any initial flushes of weeds and persistent weeds. In the first year cut twice (first cut in August/September; second cut in October) maintaining a vegetation height of 100-150mm, remove arisings from site. In the second year and thereafter, cut once a year in August/September to a height of 50mm after the plants have flowered, with the cut growth allowed to sit for a few days to release any seeds prior to removing arisings from site.

Areas of Wild Bird Seed Mix shall be left to grow through the summer and left un-harvested through the winter.

Any loss of planting which occurs within 5 years of the initial planting as a result of plant failure will be replaced with the

Final location and number of bird nest boxes, bat boxes hibernacula and bee/beetle banks to be determined on site by an ecologist.

Avoiding physical damage to the roots during demolition or construction

To avoid damage to the roots, existing ground levels should be retained within 1.5m perimeter of the outer perimeter of the hedge. Intrusion into the soil within this area is generally not acceptable, and topsoil within it should be retained in situ.











