



INDICATIVE PLANT SCHEDULE

a. The following list represents an indicative plant schedule developed by the ecologists for the intended planting within the application boundary.

Woodland: Broad-leaved plantation

Botanical Name	Common name
<i>Alnus glutinosa</i>	Alder
<i>Fraxinus excelsior</i>	Ash
<i>Populus tremula</i>	Aspen
<i>Betula (pendula/ pubescens)</i>	Birch (Silver or downy)
<i>Prunus padus</i>	Bird cherry
<i>Prunus spinosa</i>	Blackthorn
<i>Frangula alnus</i>	Buckthorn (alder)
<i>Cytisus scoparius</i>	Scotch broom
<i>Malus sylvestris</i>	Crab apple
<i>Rosa canina</i>	Dog rose
<i>Sambucus nigra</i>	Elder
<i>Acer campestre</i>	Field maple
<i>Viburnum opulus</i>	Guelder rose
<i>Crataegus monogyna</i>	Hawthorn
<i>Corylus avellana</i>	Hazel
<i>Corylus avellana</i>	Hazel (coppice)
<i>Ilex aquifolium</i>	Holly
<i>Juniperus communis</i>	Juniper
<i>Quercus (robus/ petraea)</i>	Oak (Pedunculate or sessile)
<i>Sorbus aucuparia</i>	Rowan
<i>Salix (cinerea/ caprea)</i>	Willow (Grey and/or Goat)
<i>Ulmus glabra</i>	Wych elm

Woodland Scattered Scrub grassland

Botanical Name	Common Name
<i>Prunus spinosa</i>	Blackthorn
<i>Frangula alnus</i>	Buckthorn (alder)
<i>Malus sylvestris</i>	Crab apple
<i>Rosa canina</i>	Dog rose
<i>Cornus sanguinea</i>	Dogwood
<i>Viburnum opulus</i>	Guelder rose
<i>Crataegus monogyna</i>	Hawthorn
<i>Ilex aquifolium</i>	Holly
<i>Viburnum lantana</i>	Wayfaring tree

Woodland: Scattered Trees

Botanical Name	Common Name
<i>Alnus glutinosa</i>	Alder
<i>Fraxinus excelsior</i>	Ash
<i>Fagus sylvatica</i>	Beech
<i>Betula (pendula/ pubescens)</i>	Birch (Silver or downy)
<i>Crataegus monogyna</i>	Hawthorn
<i>Quercus (robus/ petraea)</i>	Oak (Pedunculate or sessile)
<i>Sorbus aucuparia</i>	Rowan
<i>Salix (cinerea/ caprea)</i>	Willow (Grey and/or Goat)

Grasslands: Semi-impoed neutral grassland

Botanical Name	Common Name
<i>Scorzoneroideis autumnalis</i>	Autumn hawkbit
<i>Lathyrus linifolius</i>	Bittervetch
<i>Centaurea nigra</i>	Black knapweed
<i>Euphrasia sp.</i>	Eyebright
<i>Alchemilla mollis</i>	Lady's-mantle
<i>Lathyrus pratensis</i>	Meadow vetchling
<i>Leucanthemum vulgare</i>	Ox-eye daisy
<i>Potentilla erecta</i>	Tormentil
<i>Rhinanthus minor</i>	Yellow rattle
<i>Dactylis glomerata</i>	Cock's foot
<i>Agrostis capillaris</i>	Common bent
<i>Cynosurus cristatus</i>	Crested dog's tail
<i>Ranunculus acris</i>	Meadow buttercup
<i>Festuca rubra</i>	Red fescue
<i>Anthoxanthum odoratum</i>	Sweet vernal grass
<i>Trisetum flavescens</i>	Yellow oat grass
<i>Holcus lanatus</i>	Yorkshire-fog

Wetland Standing Water

Botanical Name	Common Name
<i>Persicaria amphibia</i>	Amphibious bistort
<i>Veronica beccabunga</i>	Brooklime
<i>Callitriche stagnalis</i>	Common water starwort
<i>Myosotis scorpioides</i>	Water forget-me-not
<i>Mentha aquatica</i>	Water mint
<i>Alisma plantago-aquatica</i>	Water plantain
<i>Callitriche stagnalis</i>	Water starwort
<i>Juncus inflexus</i>	Hard rush
<i>Cardamine pratensis</i>	Lady's smock (cuckoo flower)
<i>Caltha palustris</i>	Marsh marigold
<i>Stellaria palustris</i>	Marsh stitchwort
<i>Filipendula ulmaria</i>	Meadowsweet
<i>Oenanthe silaifolia</i>	Narrow-leaved water-dropwort
<i>Orchidaceae sp.</i>	Orchids (southern marsh and/or common spotted)
<i>Lythrum salicaria</i>	Purple loosestrife
<i>Lychnis flos-cuculi</i>	Ragged robin
<i>Juncus effusus</i>	Soft rush
<i>Iris pseudacorus</i>	Yellow flag iris

Standing Water: reedbed

Botanical Name	Common Name
<i>Sparganium erectum</i>	Bur-reed
<i>Bistorta officinalis</i>	Common bistort
<i>Phragmites australis</i>	Common reed
<i>Ranunculus flammula</i>	Lesser spearwort
<i>Galium palustre</i>	Marsh bedstraw
<i>Lythrum salicaria</i>	Purple loosestrife
<i>Iris pseudacorus</i>	Yellow flag iris

KEY

- Site Boundary
- Proposed Buildings
- Car Parking
- PRoWS - new alignment proposed
- A. Woodland: Broad-leaved plantation
- B. Woodland: Scattered scrub grassland
- C. Woodland: Scatted trees
- D. Semi-improved neutral grassland
- E. Wetland: Standing water
- F. Standing water: reedbed
- G. Amenity planting
- H. Hedgerows: retained
- I. Hedgerows: proposed
- J. Terrain Modelling

LANDSCAPE STRATEGY

The revised Parameters Plan of June 2020 has resulted in a number of design enhancements which collectively help to reduce overall visibility and ensure that the proposals are successfully incorporated into the existing landscape structure. These include the following measures:

- Reorientation of buildings in Phase 2B to create larger offsets to boundaries;
- Consolidation of Units 8 and 9 into a single unit, reducing visibility of the scheme from the South and East;
- Greater space for tree planting to screen and filter views of the development;
- Revised Cut-and-Fill strategy, resulting in reduced height of building plateaux, ensuring that the height of the proposed warehouses over existing landscape features is kept as low as possible;
- Additional terrain modelling along the southern boundary, raising ground profiles by 6m with 1:3 gradients and reducing visibility of Units 7 and 8 at Year-0;
- Use of rapid-establishment matrix tree planting techniques, with thinning at years 3, 5 and 10 to ensure successful woodland screening; and
- Reduced ridge heights of some units.

ECOLOGICAL ENHANCEMENT

The combined Landscape and Ecology strategy sets out the principles for the landscape design and has been developed with consideration to the mitigation measures identified within the LVIA and separately by the consultant ecologist. The plan incorporates substantial belts of vegetation to improve screening from sensitive receptors; seeks to enhance the assimilation of the proposed development within the broader study area in terms of landscape character; and provide a connected range of vegetation types, proposed by the ecologist, to promote the ecological value of the site.

STRUCTURE PLANTING DESIGN

Tree planting will take the form of 1m x 1m matrix planting of 2+1 whips (c.600mm high), notch-planted as bareroots in the winter months for maximum establishment, using groups of species to create a layered, biodiverse woodland mix. As the planting grows, thinning will be required during the formative years, removing the less vigorous plants to make space for the best and most healthy specimens.

NOTE

The detailed Soft Landscape design for the internal layout has not been part of this Landscape and Visual Mitigation strategy and will form part of the Reserved Matters Application.

Mitigation strategy updated in accordance with revised parameters plan details
03 July 20
date



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project
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Landscape Mitigation Plan

drawing status
Planning
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