



KEY PLAN (NTS)

KEY

- Unit 7 Red Line Boundary
- Land under Harworth Control
- Retaining Wall
- PROW Footpaths
- Permissive Footpaths (subject to separate NMA Application)
- Public Bridleway
- A. Woodland: Native broad-leaved woodland
- B. Native scrub grassland
- C. Woodland: Scattered trees
- D. On-plot Amenity planting
- E. Native Hedging
- F. Woodland: retained
- G. 13m high terrain modelling (height varies across length of Unit 7)
- H. Mown grass
- I. Wet Meadow
- J. Surface Water Outfall
- K. Wildflower Meadow

LANDSCAPE STRATEGY

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

- a. Greater space for tree planting to screen and filter views of the development;
- b. 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; and
- c. Additional terrain modelling along the southern boundary, raising ground profiles by 13m with 1:3 gradients and reducing visibility of Unit 7 at Year 0.

These interventions have been retained within the design process for Unit 7.

ECOLOGICAL ENHANCEMENT

The combined Landscape and Ecology strategy sets out the principles for the landscape design and has been developed with consideration of 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 enhance 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.

INDICATIVE PLANT SCHEDULE

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

Botanical Name	Common name
<i>Alnus glutinosa</i>	Alder
<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>Viburnum opulus</i>	Guelder rose
<i>Crataegus monogyna</i>	Hawthorn
<i>Corylus avellana</i>	Hazel
<i>Ilex aquifolium</i>	Holly
<i>Juniperus communis</i>	Juniper
<i>Quercus robur</i>	Pedunculate Oak
<i>Sorbus aucuparia</i>	Rowan
<i>Salix (cinerea/caprea)</i>	Willow (Grey and/or Goat)
<i>Ulmus glabra</i>	Wych elm
<i>Acer campestre</i>	Field Maple
<i>Pinus sylvestris</i>	Scots Pine

Botanical Name	Common Name
<i>Alnus glutinosa</i>	Alder
<i>Acer campestre</i>	Field Maple
<i>Fagus sylvatica</i>	Beech
<i>Betula (pendula/pubescens)</i>	Birch (Silver or downy)
<i>Crataegus monogyna</i>	Hawthorn
<i>Quercus robur</i>	Pedunculate Oak
<i>Sorbus aucuparia</i>	Rowan
<i>Salix (cinerea/caprea)</i>	Willow (Grey and/or Goat)
<i>Pinus sylvestris</i>	Scots Pine

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

OFF-PLOT LANDSCAPE: PLANT TYPOLOGY AREA CALCULATIONS

Woodland: Retained 700m²
 Woodland: Broadleaved plantation 10,370m²
 Woodland: Scattered scrub grassland 4,256m²
 Wet Meadow: 449m²
 Wildflower meadow planting: 54m²
 Hedgerows: 87m
 Mown Grass: 69m²



7 Saw Mill Yard, Water Lane, Holbeck, Leeds LS11 5WH
 design@urbanwilderness.co.uk
 0113 472 0030
 registered in Scotland SC371979

SCALE 1:1000 @ A2



A	Amended Red Line Boundary	26 Feb 25
-	First Issue	8 Nov 24
rev.	details	date

client	Harworth Group	
project	Gateway 36, Unit 4, Barnsley	
drawing title	Landscape Mitigation Plan	
drawing status	Planning	
drawn by	checked by	date
ISA	TBR	8 Nov 24
scale	1:1000	paper size
	A2	
job/dwg no.	334-UW-P-082	rev
		A