

KEY TO LANDSCAPE PROPOSALS

Existing Site

- Existing Trees to be Retained**
- Existing trees on site to be retained and protected from damage during construction. Refer to Tree Survey Report for details
- Existing Trees to be Removed**
- Existing trees on site to be removed to enable construction of the new development. Refer to Tree Survey Report for details
- Existing Woodland & Vegetation to be Retained and Enhanced (450m²)**
- Areas of existing vegetation to be retained and enhanced as per Ecologist Recommendations (see separate report for details). Enhancements to include thinning out poor trees, planting of additional understorey shrub species to increase diversity including hawthorn, hazel, holly and rowan, improve ground flora by partial removal of existing ivy and planting of other additional woodland ground cover planting

Proposed Planting Details

All areas of new landscaping to have the existing topsoil and subsoil decompacted by hand digging or rotovator. If any imported topsoil is required it should be placed to a depth of 450mm minimum in shrub beds and be free of weeds or any detritus/stones larger than 50mm.

Planting should take place during the dormant planting season ie 1st October to 28th February. Tree planting shall be implemented as per British Standard 8545 (Trees: from nursery to independence in the landscape - Recommendations.

Grassland Verges & Wildflower Meadow

Areas of grassland to be established in landscaped verges around the site. Cultivate and grade soil, bring top 150mm to a fine tilth, rake and bring to given levels, remove all stones and debris over 50mm, lay turf in stretcher bond, firm turves using wooden turf beater.

- Species Rich Grass (670m²)**
- New areas of grass verge to be established using Species Rich Turf supplied by wildflowerturf.co.uk (or similar). This biodiverse grass is treated in the same way as a conventional verges and can be regularly mown and fertilised but the flowering species included in the mix are able to thrive with this regime.
- Wildflower Meadow (250m²)**
- Wildflower meadow created with EM3 General Purpose Meadow Mixture supplied by Emorsgate Seeds (or similar approved). To be managed as a wildflower meadow and mown less frequently.

Ornamental Shrub Planting

Areas of shrub planting for ecological enhancement to be planted in groups around the perimeter of the site. Cultivate and grade soil, bring top 150mm to a fine tilth prior to planting.

- Shrubs (25m²)**
- Shrubs to be pit planted 4 per m². Planted to provide colourful, groundcover with ecological value. All plants to be 5 litre pot grown stock, planted in random groups of 5, 7 or 9 plants of same species throughout the planting bed. 100 plants in total
- Euonymus fortunei 'Emerald Gaiety' x 20no.
Brachyglottis 'Sunshine' (Senecio) x 20no.
Ceanothus 'Blue Mound' (Californian lilac) x 20no.
Lavendula angustifolia 'Hidcote' (Lavender) x 20no.
Pachysandra terminalis (Green Carpet) x 20no.

Native Mixed Scrub Planting

Native trees and shrubs to be planted to create a buffer of mixed scrub along the northern boundary to provide an increase in biodiversity.

Excavate planting pit 300mm x 300mm x 400mm deep (or larger to suit root ball), backfill with topsoil mixed with peat free compost and secure trees in an upright position with a single timber stake and rubber tie and spacer.

Native Mixed Scrub Planting (330m²)

All plants to be bareroot, 60-80cm in height (except Ilex aquifolium to be 2 litre container, 40-60cm) protected with spiral rabbit guard secured with a cane. Planted randomly in the following mix across the whole area as individuals and groups of 3 of the same species. 150 plants in total.

- 20% Salix viminalis (Osier) x 30no.
10% Crataegus laevigata (Midland Hawthorn) x 15no.
10% Crataegus monogyna (Hawthorn) x 15no.
10% Corylus avellana (Hazel) x 15no.
10% Prunus spinosa (Blackthorn) x 15no.
10% Sorbus torminalis (Wild Service Tree) x 15no.
10% Sambucus nigra (Elder) x 15no.
10% Cornus sanguinea (Dogwood) x 15no.
10% Ilex aquifolium (Holly) x 15no.

Native Hedge Planting

A new native hedgerow to be established and maintained at 1.5m high. Native species selected to provide ecological enhancement and seasonal interest.

Hedge Planting (32 linear metres)

60-80cm high, bareroot transplants, pit planted in double staggered row including organic compost to backfill pits at 5 plants per linear metre. Spiral rabbit guards to each plant. 160 plants in total.

- 40% Crataegus monogyna (Hawthorn) x 64no.
20% Corylus avellana (Hazel) x 32no.
10% Salix caprea (Goat Willow) x 16no.
10% Cornus sanguinea (Dogwood) x 16no.
10% Sambucus nigra (Elder) x 16no.
10% Prunus spinosa (Blackthorn) x 16no.

Additional Biodiversity Features

Refer to Ecology Report and LEMP for further details

- 4 piles of logs placed in woodland area
- 3 bird boxes on mature trees in woodland area
- 3 bat boxes on mature trees in woodland area



Specimen Tree Planting

Heavy Standard specimen trees planted in locations indicated as per the following specification:

Excavate tree pit 900mm x 900mm x 900mm deep (or larger to suit root ball), backfill topsoil mixed with 80 litres of peat free compost and secure tree in an upright position with a single timber stake and rubber tie and spacer.

Specimen Tree Planting (16 no.)

4.5-5.0m high, 18-20 cm girth Advanced Nursery Stock root balled trees (assuming planting November - April) to be pit planted as per above specification in locations shown

- 3 x Acer campestre (Field Maple) - Ac
3 x Alnus glutinosa (Alder) - Ag
3 x Betula pendula (Silver birch) - Bp
2 x Quercus patraea (Oak) - Qp
3 x Sorbus aucuparia (Mountain Ash) - Sau
2 x Sorbus torminalis (Wild Service Tree) - St

Native Linear Tree Planting

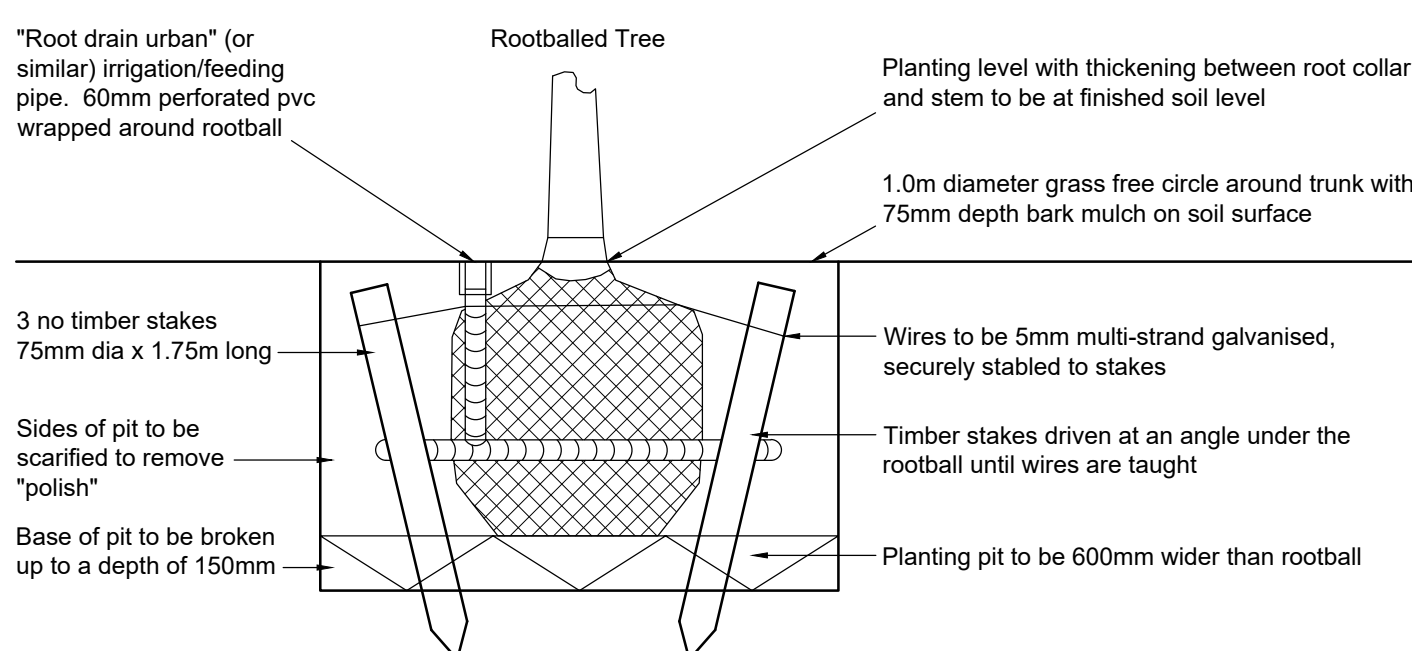
Heavy Standard specimen trees planted in locations indicated as per the above specification:

Native Linear Tree Planting (32 linear metres 6 no.)

4.5-5.0m high, 18-20 cm girth Advanced Nursery Stock root balled trees (assuming planting November - April) to be pit planted as per above specification in locations shown

- 1 x Acer campestre (Field Maple) - Ac
1 x Alnus glutinosa (Alder) - Ag
1 x Betula pubescens (Downy birch) - Bpu
1 x Malus sylvestris (Crab apple) - Ms
1 x Sorbus aria (Whitebeam) - Sar
1 x Acer rubrum (Red Maple) - Ar

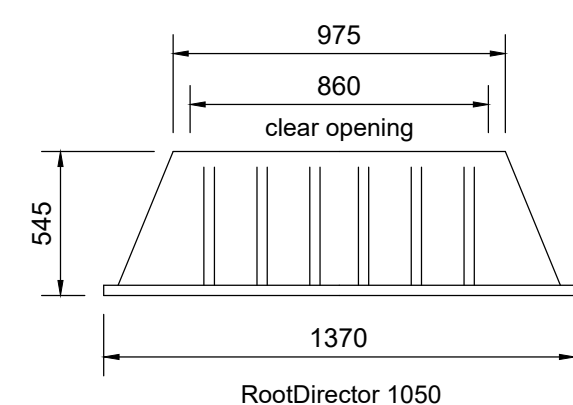
Tree Support System



Root Barriers

All tree planting within 5.0m of paving to have root barrier installed to prevent root growth from damaging the adjacent hard surfacing. The following product (or similar) to be installed, www.greenblue.com/gb/products/rootdirector

RootDirector RD1050



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Notes:

This drawing is based on:

- Topographical Survey, reference 4230177-4101 Kirkby-ST2120 by Glanville dated June 2023
- 13010_AEW_2120_1004A_Proposed Site Plan by AEW Architects dated 27 November 2024
- Site visit by Encon Associates, 10.04.2024

Biodiversity Signage

Signboards to be located within wildflower meadow area to explain the grass is being mown less often to create a wildflower meadow to attract pollinators and wildlife to increase the biodiversity of the site



D	11.12.24	Updated in line with latest drainage layout	MJB	LB
C	29.11.24	Updated in line with alternative layout	MJB	LB
B	12.07.24	Green Roof and Living Wall added	MJB	GM
A	13.05.24	Updated in line with latest proposals	MJB	GM

Rev	Date	Description	Drawn	Checked
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Client

McDonald's

Project

Proposed New Drive Thru
Lane End
Kirkby in Ashfield

Title

Landscaping Scheme

Drawing Status

FOR PLANNING APPROVAL

Drawn	MB	Checked	LB
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Date	22.04.24	Scale (A1)	1:200
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Environmental Consultants to the Construction Industry
BREEAM Code for Sustainable Home Assessors - Landscape Architecture - Transportation
Life Cycle Costing - Energy Assessment - SAP - EPC - SBEM - Daylight Calculations

Job Number	Drawing Number	Rev
A6605	04	D