

KEY TO SOFT LANDSCAPE PROPOSALS

Existing Vegetation

 **Existing Trees Retained**
Existing trees to be retained and protected

 **Existing Grass & Vegetation**
Existing areas of grass and vegetation to be retained and re-instated where necessary if damaged during construction

Proposed Planting Details & Specification

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 200mm minimum in grass areas and 450mm minimum in tree and shrub planting areas. Planting should take place during the dormant planting season ie October to March and seeding between late summer to mid-autumn.

Areas of New Grass & Wildflower Meadow

Grass to be established to provide ground cover, to the following specification:

 **Private Garden Lawns**
Areas to be turfed with Rowlawn (or similar approved) ryegrass/fescue turf for a hardwearing lawn to be managed by the residents

 **Public Lawns**
Areas to be turfed with Rowlawn (or similar approved) ryegrass/fescue turf for a hardwearing lawn to be managed by a contractor

 **Grassland Wildflower Verges**
Areas to be seeded with species rich grassland/ wildflower mix (WFG2 Flowering Meadow Mix by Germinal or similar approved) contains a diverse range of wildflower species from April - September in an 80:20 mix of grasses and native wildflowers including Foxglove, Cornflower and Poppy.

 **Wildlife Understorey Flora Mix**
Species selected to encourage butterflies, moths and insects including nectar rich species. HE1 (Hedgerow Mixture) by Emorsgate Seeds (or similar approved) to be sown within the scrubland tree and shrub planting. Mix contains 18 wildflower species including yarrow, agrimony, garlic mustard, etc

Hedge Planting

Plants to be pit planted at densities indicated, to provide a dense, compact hedge buffer along the site boundary as follows:

Cultivate and grade hedging bed, bring top 300mm of soil to a fine tilth, including Enmag fertilizer applied and worked into to 100m, rake and bring to given levels, remove all stones and debris over 50mm, dig planting holes (average 300 x 300 x 300 deep), supply and plant specified shrubs and plants in densities specified, backfill with excavated material as above, water in and mulch with 75mm bark chippings 20-40mm size. Water and weed regularly for 12 months.

 **Native Hedge Planting**
Trees and shrubs to be pit planted at 3-4 plants per metre in a double staggered row. Plants to be 125-150cm bare root nursery stock reduced by 30-50% immediately after planting.

- 30% Crataegus monogyna (Hawthorn)
- 20% Prunus spinosa (Blackthorn)
- 10% Acer campestre (Field Maple)
- 10% Corylus avellana (Hazel)
- 10% Salix caprea (Goat Willow)
- 10% Prunus avium (Wild Cherry)
- 10% Rosa canina (Dog Rose)

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 the following species with 75mm depth of bark mulch spread between plants:

 **Ornamental Shrubs**
Shrubs to be pit planted 4 per m². Planted to provide low maintenance, colourful, groundcover to attract bees and other invertebrates. 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.

- Euonymus fortunei 'Emerald and Gold'
- Hebe 'Red Edge'
- Hebe pinguifolia 'Sutherlandii'
- Spiraea japonica 'Goldflame'
- Pachysandra terminalis
- Viburnum davidii
- Brachyglottis 'Sunshine'
- Ceanothus 'Blue Mound'
- Hypericum 'Hidcote'
- Lavendula angustifolia
- Common comfrey

Tree Planting

Standard specimen trees of local provenance planted in locations indicated as per the following specification:

Excavate tree pit (300mm larger than root ball all round), fork over bottom of pit, plant tree with roots well spread out, backfill with excavated material incorporating compost at 1m² per 3m² of soil excavated and secured with timber stake and rubber tie and spacer.

New Specimen Tree Planting (28 no.)

4.5m high, 16-18 cm girth Extra Heavy Standard root balled trees (supplied by Majestic Trees or similar approved) to be pit planted including timber stake and rubber spacer to secure the tree in an upright position and bulky organic compost backfill planted in locations shown

- Acer campestre (Field Maple)
- Acer pseudoplatanus (Sycamore)
- Alnus glutinosa (Alder)
- Carpinus betulus (Hornbeam) - Cb
- Pyrus 'Chanticleer' (Ornamental Pear) - Pc
- Prunus avium (Wild Cherry) - Pa
- Prunus padus (Bird Cherry) - Pp
- Sorbus aucuparia (Rowan) - SaS
- Sorbus aria (Whitebeam) - SaL
- Tilia cordata (Lime) - Tc
- Quercus robur (English Oak) - Qr

Shelterbelt Tree & Shrub Planting (15 no.)

Planted in a mix of heights. 30% to be 2.5-3.0m high, 8-10cm girth Standards, 35% to be 1.75-2.0m Feathered and 35% to be 1.25-1.5m Whips to be pit planted randomly in locations indicated on the plan.

- Acer campestre (Field Maple)
- Alnus glutinosa (Alder)
- Betula pendula (Silver Birch)
- Crataegus monogyna (Hawthorn)
- Populus alba (White Poplar)
- Prunus avium (Wild Cherry)
- Quercus robur (English Oak)
- Sorbus aucuparia (Rowan)
- Sambucus nigra (Elder)

Ornamental flowering shrubs to provide an attractive entrance to the site

Existing trees at site entrance to be retained

Garage access (Easement)

Species rich grassland with wildflowers to encourage insects

Native shelterbelt trees planting with wildflower understorey planting

Pedestrian friendly shared surface

Cycle storage with green roof

Community hidden bins & recycling with green roof

Retaining wall

Existing wildlife area to be retained and managed including removal of existing non-native shrubs

New fence to quarry wall edge

Cycle storage and shared tool sheds with green root

Covered scooter store

New native hedgerow with wildflower flora at the base to encourage wildlife and biodiversity

Covered community meeting area with

Play Zone with rubber safety surfacing

New footpath

Garden lawns

New native hedgerow trees which produce berries to provide food source for birds and insects

Community planting/raised beds

New native hedgerow with wildflower flora at the base to encourage wildlife and biodiversity

Retaining wall stone faced

Agricultural access (grasscrete surface)

Existing Gate

New specimen trees within back gardens

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All drawings and specifications should be read in conjunction with the project health and safety plan, any possible conflict should be presented to the Planning Coordinator.

All work to be carried out in accordance with current Building Regulations.

Contractors must verify all dimensions at the job before commencing any work or making shop drawings.

Written dimensions should be taken.

Do not scale off drawing.

Do not take digital dimensions from this drawing.

Any discrepancies to be reported to the Architect.



Scale - 1:500 @A3

Maintenance & Management Plan

All new planting areas are to be subject to a 12 month defects liability period with a further 4 year maintenance regime, in accordance with the Landscape Management Plan (see separate document for full details)

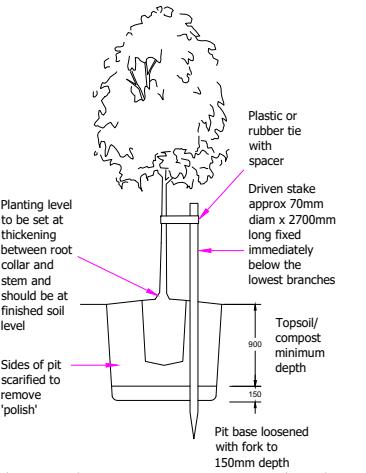
The general maintenance management will include 12 visits per year in order to provide the following:

- Comprehensive weed control
- Checking the condition of tree stakes, ties, guards and protective fencing and making repairs or replacing where necessary
- Ensuring that all plants remain firmly in the ground in an upright position
- Watering during periods of dry weather
- Pruning back of damaged/diseased growth
- Topping up of mulches re-apply fertiliser as necessary
- Replacing dead and dying plants on a yearly basis to achieve a minimum 90% establishment rate

Implementation Programme

All new planting should take place during the dormant planting season ie October to March unless otherwise specified by plant suppliers.

Tree Pit & Stake Specifications



P04	17.08.22	Boundary Updated		CT	RT
P03	07.07.22	Boundary Updated		CT	RT
P02	27.06.22	Boundary Updated		CT	RT
P01	12.04.22	First Issue		CT	RT
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Client

Landscape

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KEY TO HARD LANDSCAPE PROPOSALS

Surfacing

 **Access Road & Shared Surfacing**
Access road and pedestrian friendly circulation to be surfaced in accordance with Engineers specifications

 **Car Parking**
Parking bays to be surfaced in accordance with Engineers specifications

 **Footways**
Footways and pedestrian circulation routes to be surfaced in accordance with Engineers specifications

 **Play Zone**
Play Zone to be surfaced in accordance with Engineers specifications

KEY TO ECOLOGICAL ENHANCEMENT

The following enhancement features have been included within the landscape proposals:

- Green roofs to bin store, bike store and community meeting area
- Native hedgerow with ground flora
- Grassland wildflower verges
- Wildlife flora understorey
- Native specimen tree planting
- Shelterbelt trees and shrubs
- Nectar-rich flowering shrub planting
- Bird nesting boxes
- Bat roosting boxes
- Log piles for insects and invertebrates

 **Green Roofs**
To be covered with wildflower turf to encourage insects and wildlife by providing nectar and food source

 **Bird Boxes (5 no.)**
Indicative location of a selection of bird boxes as per ecologist recommendations. To be mounted on poles where located in newly created scrub/tree planting areas

 **Bat Boxes (5 no.)**
Indicative location of a selection of bat boxes as per ecologist recommendations. To be mounted on poles where located in newly created scrub/tree planting areas

 **Log Piles (5 no.)**
Indicative location of log piles utilising logs from the felled trees as per ecologist recommendations.