

BOUNDARY TREATMENT

- **TYP 1** – 1.8m high robust close boarded timber fence, the fence will have no footholds and the rails and posts will be positioned to face the properties/within the gardens.
- **TYP 2** – 1.2m high Uncrainable timber post and rail fencing, rails and posts will be positioned to face the properties/within the gardens.
- **TYP 4** – 0.6m Timber knee rail to POS to avoid vehicular access
- **TYP 5** – 1.2 metal railing where site has key corners and in front of hedging
- **BOLLARDS**

HARD SURFACING

- **Denotes Highway** Tarmac
- **Denotes drive ways/parking** Block paving
- **Denotes Footpath** Tarmac
- **Denotes private patio area** concrete slab
- **Denotes orchard footpath** Breedon self-binding gravel path

SOFT LANDSCAPING

- **Denotes rough grassland** Amenity mix turf - establishing Lawn mix Cluan or Agrii
- **Denotes mowed grassland** Quality hard wearing lawn seed mix 80% Perennial Ryegrass, 20% Creeping Red Fescue
- **Denotes proposed shrub planting**

GRASS & WILDFLOWER MAINTENANCE PLAN & SCHEDULE

AMENITY GRASS

Bracket sweep, rake/vac to collect debris, litter as required, seed with BSH mix 10	May-September	As required
Grass cut, leave arisings, trim edges and collect trimmings	April-October	Every 2 weeks
Fertiliser-Spring	April	Annually
Fertiliser-Autumn	October	Annually
Scarification	March	Annually
Spiking	Autumn	Twice Annually
Retraining of edges to paths and planting	Autumn	Annually

WILDFLOWER & WILDGRASS

These grasses will comprise of a native species mix and permitted to grow longer in order to provide habitat for wildlife and provide an attractive wild grass area. The maintenance is proposed and as follows:

Year 1 After Installation
Cut as necessary to keep the height of 15cm until the end of March, when the vegetation is cut to 5cm. Arisings to be removed. Cutting in March will allow the perennial species a chance to establish themselves well enough to compete with more vigorous grass species.

Year 2 and Beyond
The number of cuts can be much reduced. Instead, the purpose will be to try and reduce the fertility of the soil and prevent the build up of thatch. This is the most important factor in successful grassland establishment. As the vegetation starts to die back in autumn, cut to 5cm and remove arisings. Repeat cut in autumn using mower/strimmer in October when the vegetation has died back.

The grassland should be cut no shorter than 5cm and grass nuts are only short thin weeds. The grassland should be cut to a length of 2-3 inches to ensure re-growth occurs. Cutting should be undertaken in July, August, September, October. The first year of cuttings to dry in the cut for a day or two. This provides any invertebrates that have colonised with an opportunity to disperse. Remove all cuttings before they begin to break down otherwise free breakdown will inadvertently increase soil fertility.

An open sward over the winter ensures healthy, disease free plants which can benefit from the low light levels and cooler temperatures. This will also ensure that the wildflowers and grasses are in the perfect position to develop flowers and seed heads quickly to repeat their perennial cycle thus guaranteeing a wildflower meadow year after year.

NEW TREES

All new trees to be standard size 8-10cm girth, or 20 litre containers unless specified.

No.	Species	Root	Girth (cm)	Height (m)	25yr Height (m)
T1	Tilia cordata 'Greenspire'	BR	8-10	2.5-3.0	10
T2	Betula pendula 'Silver Birch'	BR	8-10	2.5-3.0	10
T3	Carpinus betulus 'Streetwise'	BR	8-10	2.5-3.0	9
T4	Sorbus aria 'Majestica'	BR	8-10	2.5-3.0	7
T5	Acer pseudoplatanus	BR	8-10	2.5-3.0	15
T6	Acer Campestre 'Streetwise'	BR	8-10	2.5-3.0	7
T7	Acer Campestre 'Field Maple'	BR	8-10	2.5-3.0	10
T8	Salix alba 'White Willow'	BR	8-10	2.5-3.0	12

PLANTING SPECIFICATION

All planting stock shall comply with the requirements of the British Standards 3936, and shall be healthy, strong with a fibrous root system, and shall be free from pests and disease. The National plant specification. The native plants are to be of local provenance and be well tubaked. Trees and shrubs are to be lifted, transported and handled with care. Trees are not to be handled and transported in accordance with relevant codes of practice, with roots kept moist and wrapped to protect them from adverse weather conditions.

Additional topsoil to be supplied where required and to BS 3882. Trees and shrubs are to be planted in pits 1m deep by 1m deep for grass areas, 300mm deep for hedges and shrubs, and 750 deep x 1500 square for tree planting.

All planting operations shall be carried out in accordance with BS 4428. Planting pits are to be dug at a size in excess of the root system of the plant to be planted. Trees and shrubs are to be planted at their natural depth as they existed in the nursery. Peat free planting compost or well rotted manure is to be incorporated in the backfill of all tree pits.

TREE PLANTING

Bare root trees are to be planted November - to - March. If planting is to be carried out at other times then container grown stock should be used. If planted in late spring or early summer then regular watering should be carried out in the first growing season. Avoid planting in frosty, cold or windy, hot sunny or drying conditions. Choose cloudy drizzly weather when possible.

Trees on highway edge to be staked and guarded as shown on detail drawing. Stakes to be 2.4m long, 75mm dia, driven 1000mm long, 750mm into the ground and the tree secured by one tree tie. All plants are to have rabbit spirals and biodegradable guards. All trees are to be mulched with 75mm bark mulch. 1m diameter round the base of each standard tree is to be mulched 75mm deep with medium grade bark mulch. **Trees are to be kept 2m away from highway edge and directly to prevent lateral damage to the highway.**

HEDGE PLANTING

Excavated trench to be 400mm wide and cultivated to 300mm deep. All pernicious weeds are to be eradicated. Plants are to be set out in a double staggered row, 300mm x 4 plants to the metre. Hedging is either to be planted through a weed control geo textile or mulched with 75mm of bark mulch. All hedging thus to be protected with rabbit guards.

1. Weld Mesh guard (12 gauge wire with a 25mm x 75mm grid size), secure with galvanised staples or ratchet ties
2. 80mm mulch to aid moisture retention and weed suppression
3. Dig and loosen base to aid drainage and root growth

NEW HEDGES

Plant at 4 plants per metre in double staggered row, species mix 3-7 at random - bare root plants

Species	Type	Roof	Size (mm)
Fagus Sylvatica 'copper beech'	n/a	BR	450-600

SUDS MAINTENANCE PLAN & SCHEDULE

Attenuation Basin

Activity	Work to be carried out	Frequency
Regular maintenance	Remove litter and debris	Monthly
	Cut grass to spillways and surrounds	Monthly (or as required)
	Cut meadow grass to specified levels	Half yearly (spring & autumn)
	Manage other vegetation & remove nuisance plants	Monthly (or as required)
	Inspect inlet/outlet devices to ensure they are free of excessive sediment, debris, pollutants and blockages	Monthly
	Inspect bankstables, structures, pipework etc for damage	Monthly
	Top up of design growth (where 20% of planting device)	Annually
	Manage nuisance plants	Annually
Occasional maintenance	Prevent colony of scrub vegetation growth	As required
	Prune and trim any trees and remove cuttings	Every 2 years or as required
	Remove sediment from inlet devices	Every 5 years
Remedial Actions	Repair erosion or other damage by reseeding or re-turfing	As required
	Realignment of basin slopes and bankside design levels	As required
	Repair of inlets, outlets and overflows	As required

SUDS systems are to be managed and maintained by the Management Co.

LANDSCAPING MANAGEMENT PLAN & MAINTENANCE SCHEDULE

Description	Work to be carried out	Responsibility	Frequency
Unadopted parking areas	Apply approved weed killer Clean / Jet-wash Fascia	Housing association	As required
Unadopted street lighting	Repair / re/amp	Housing association	As required
Unadopted roads	Repair	Housing association	As required
Private gardens	Maintenance / repair	Property occupier	As required
Grass	Maintenance as noted	Management Co.	See notes
Hedging	Maintenance as noted	Management Co.	See notes

TREES MAINTENANCE SCHEDULE

Task	Time of Year	Frequency
Inspection of mature trees	March-September	Annually
Selective felling of over mature/ declining species	October to February	As required
New planting to broaden/ supplement diversity of tree stock	October to March	Annually
Other works- removal of debris trapped in branches etc.	As necessary	Annually
Removal of self self seedlings	January	Annually
Selective thinning and pruning to be undertaken to ensure there is sufficient light through the tree canopy	As necessary	As required

HEDGES

Task		
Trimming	April to October	3 times
Reshaping	Hard prune Oct-Feb	Annually
Chemical weed control along base	In winter and summer only when other methods have failed	Annually
Fertilising	Spring	Annually
New Planting	October-March	Annually
Litter/Debris	Throughout	Daily
Watering	As necessary, depending on weather	

Proposed Street Elevation A-A
Scale 1:200

Proposed Landscape Plan
Scale 1:500

DRAWING ISSUES AND REVISIONS

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PROJECT :	Residential Development The Old Butterfly Park Long Sutton
DATE :	July 2023
TITLE :	Proposed Landscaping & Boundary Treatments
SCALE :	1:500
ORIGINAL SIZE	A0 (Landscape)
DRAWING NUMBER	LDC3963-PL-02

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