

Dapper's Lane

Landscape strategy

LA.100

Key

Soft landscape

- Existing trees** to be retained. Black dash denotes root protection area.
- Medium sized tree** (*Prunus avium*) with white flowers in April and May. Native tree. Planted at the edge of the public open space
- Medium sized tree** (*Pyrus calleryana* 'Chanticleer') with a narrow and upright canopy to avoid conflict with the proposed building/canopy.
- Medium sized tree** (*Acer campestre*). Native bushy-headed tree, variable in habit, for natural planting within the open space.
- Large sized tree** (*Acer rubrum*) positioned where there is sufficient space for the tree to thrive. Also provided as a focal point tree due to its red-scarlet leaves in the autumn.
- Large sized tree** (*Fagus sylvatica*). A parkland tree with coppery-golden foliage in the autumn.
- Medium sized tree** (*Betula utilis* var. *jacquemontii*) with white bark and a neat habit, planted as a specimen within front / rear gardens where space permits.

- Shrub planting** to include a mixture of evergreen and deciduous shrubs and plants with bold foliage.
- Hedge planting** to provide structure within the site during the winter months.
- Climbing plants** to cover flank walls and rear garden boundary fences where feasible.
- Dormice mitigation planting** to northern and western edge of the boundary. Areas to be planted within the gaps of the existing vegetation and planted with native species.

Public open space

The main central POS will include native tree and shrub planting and areas of species-rich grass/wildflowers/annuals. Amenity grass will be allowed to grow long in appropriate areas. Where grass abuts footpaths, car park spaces and other hard surface features, there will be a mown verge to provide a neat edge.

- Native shrub planting** including hazel, dogwood and holly
- Hazel coppice areas:** trees to be coppiced every 5 to 8 years in a random order to ensure that trees are in various stages of development.
- Grass area planted with flowering annuals:** to provide colour, texture, and interest at the entrance to the open space and to increase biodiversity.
- Spray and chip footpath:** hot bitumen or emulsion sprayed over a prepared base, followed by rolling in a thin single layer of washed stone chippings to provide surface texture and also provide skid resistance.
- Attenuation basin:** designed with 1:3 gradient slopes surrounded by a knee rail fence. The basin/pond will be seeded appropriately with species that will thrive in both damp and dry conditions.
- Knee rail fence**
- LEAP** including landform, logs, boulders and stepping-stone features. 'Equipped' timber play provision timber to include a range of play experiences. Surface finish to include bark mulch, grass, and spray and chip paths. Seating and a bin provided as appropriate. Fencing of the LEAP proposed as a timber post and rail with mesh / stock-proof netting at the bottom to stop dogs from entering the space.
- LAP.** Informal areas of open space at the site entrance with tree planting and native shrubs. Species rich grass provided along the boundaries. Native hedge planting to be provided along the road edge.
- Northern POS** including low bunds to provide separation between the POS and the road, wildflowers, hazel coppice, native shrub planting and mown grass paths.

Surface finish materials

- Tarmac** spine road and footpaths
- Permeable block paving:** Burnt ochre colour
- Non-permeable block paving:** Burnt ochre colour
- Paving slabs** to private paths, buff colour

0 5 10 15 20 25 50 m
Scale @ A1 - 1:500
North

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Plant schedule: trees

Trees					
Number	Species	Girth	Height	Specification	
16	Acer campestre	8-10cm	250-300cm	Standard :3 brks :2x :B	
6	Acer rubrum	20-25cm	500-550cm	Semi-Mature :Clear Stem min. 200 :3x/4x :RB	
8	Betula utilis jacquemontii	14-16cm	425-600cm	Extra Heavy Standard :5 brks :3x	
2	Fagus sylvatica		150-175cm	Feather :3 brks :2x :B	
7	Prunus avium	14-16cm	425-600cm	Extra Heavy Standard :5 brks :3x :RB	
8	Pyrus calleryana 'Chanticleer'	12-14cm	350-425cm	Heavy Standard :5 brks :3x :RB	
6	Sorbus aria	10-12cm	300-350cm	Selected Standard :4x :B	

Outline implementation specification

Ground Preparation:
Protection of existing woodland, trees and hedges against damage to be in accordance with the BS 5837:2012 - Trees in relation to design, demolition and construction - Recommendations. Protective fence to be approved.

Excavations to B.S. 8000 part 1:1989. Excavated material removed off-site; good quality subsoil/topsoil stored on-site for re-use.

Landscape planting areas to have a minimum depth of soil of 500mm and grass areas will have 300mm.

Loosen formation level with single tine ripper, driven 450mm deep at 1m centres, when ground conditions are dry.

Supply approved imported subsoil to B.S. 3882:2013 Specification for subsoil and requirements for use - Multipurpose subsoil to make up any deficiency in on-site subsoil.

Spread and level to depth of:
200mm for planting areas
200mm for grass areas

Supply approved imported topsoil to B.S. 3882:2015 Specification for topsoil - Multipurpose topsoil to make up for any deficiency in on-site topsoil.

Spread and level to depth of:
300mm for planting areas
100mm for grass areas

Excavate planting pits to the following dimensions:

- Feathered Trees: 500 x 500 x 500mm depth
- Standard/Selected Standard Trees: 1000 x 1000 x 500mm depth
- Semi-mature/Extra Heavy/Heavy Standard Trees: 1200 x 1200 x 700mm depth
- Shrubs: 300 x 300 x 300mm depth

Backfill tree pits with 100/300mm depth subsoil and 400mm topsoil including Melcourt Topgrow peat free planting compost or similar approved at a rate of 0.125m³/pit.

Backfill shrub pits with topsoil including Melcourt Topgrow peat free planting compost

or similar approved at a rate of 1.0m³/20m².

Cultivate all landscape areas to a loose and friable tilth suitable for grass seeding or planting.

Collect and remove from site all stones, builders' rubble and other deleterious material over 50mm in any dimension.

Grass Areas:
Supply and spread pre-seeding N:P:K. fertiliser (10:15:10) at a rate of 30g/m²

Grass areas to be sown at a rate of 35g/m² with a suitable grass seed mix such as Germinal A19. Initial grass cutting and edge trimming down to 50mm

Annual meadow:

Do not spread fertiliser.

Supply and sow a 100% wildflower mixture such as EM2F Standard General Purpose Wild Flowers by Emorsgate Seeds, or similar, at a rate of 1.5g/m².

100% wild flower mixtures are best sown into existing grass or combined with a suitable grass seed mix. If sown alone without grass onto bare soil the spaces left between the sown flowers will be filled by grasses and other weeds.

When sowing wild flower seed directly into existing grass the site must be carefully chosen and the ground preparation must be good. Select grassland on poor to moderately fertile soil with a fine sward structure and few perennial weeds or vigorous grasses. Unless yellow rattle is already established in the sward, results can often be improved by adding yellow rattle seed at up to 1g/m² to this mix.

Control any perennial weeds such as docks or thistles.

Prepare the ground for sowing in late summer by cutting and/or grazing very hard and create gaps either with harrows or by raking (aiming to create around 50% bare soil). Alternatively spray patches or strips with a herbicide like glyphosate to create gaps in the vegetation.

Sow in the autumn using a 100% wild flower mixture. Bulk up the seed with an inert carrier such as sand to make distribution easier. The seed must be surface sown and can be applied by machine or broadcast by hand. Rolling is not usually necessary.

Ref: <https://wildseed.co.uk/mixtures/view/24>

Planting Areas:
Plant specification to be in accordance with the HTA National Plant Specification: 03/02

Tree planting to be in accordance with BS 8545:2014 - Trees from nursery to independence in the landscape recommendations.

Supply and plant, incorporating slow release fertiliser N:P:K - 4:19:10 ENMAG or similar approved at the following rates:

- Feathered Trees: 100g / tree pit
- Standard/Selected Standard Trees: 100g / tree pit
- Semi-mature/Extra Heavy/Heavy Standard Trees: 130g / tree pit
- Shrubs: 70g / m²

Provide and fix tree stakes and ties to the following dimensions:

- Feathered Trees: overall length 1250mm; height above ground: 600mm
- Standard/Selected Standard Trees: overall length 1500; height above ground: 750mm
- Semi-mature/Extra Heavy/Heavy Standard Trees: overall length 1500; height above ground: 750mm

Bark mulch:
Provide and spread evenly over all planting areas an organic graded bark flakes or similar approved bark mulch to a depth of 50mm.

Maintenance:
All landscape areas to be maintained in accordance with B.S. 7370 Part 3:1991 and Part 4:1993; including weed control, and adjustment to tree stakes and ties.

General Notes:
Substitutions, if made, should be similar in size, form and water demand. Plants shall be arranged to avoid straight lines and geometric patterns.

