

Landscape Plan

This Landscape Plan has been prepared as part of a Planning Application at The Node Court, Drivers End Lane, Codicote, Hertfordshire, SG4 8TR. The application is for the 'Conversion of Node Court to 9 no. dwellings, construction of 2 no. gatehouses and 6 terraced dwelling houses together with associated car parking, landscaping and boundary treatment'. Additionally, a Listed Building Consent application is for the 'External and internal alterations to facilitate the restoration and conversion of Node Court to provide 9 no. dwellings'.

Landscape Philosophy

To provide a landscape design which reflects the semi-rural context of the site and the existing built form and countryside around the site. The proposals will retain important landscape features such as mature and veteran trees and boundary hedging which are part of the character of the site and add great value to the site layout.

The development will be set in a landscape setting using a range of additional trees with shrub, herbaceous, hedge and 'meadow' areas. There will be formal planting areas associated with the access driveway and residential amenity areas within the main body of the development. The plant mix used will contribute towards the attractive setting of the site but also be beneficial to wildlife and help to improve the bio-diversity of the site.

Overall the development will provide a range of wildlife habitats across the site which will increase the bio-diversity of the site as well as providing an attractive setting for the development.

For information on Arboricultural issues refer to the Arboricultural Report as part of the submissions for this Planning Application.

Plan Details

Hard Material Specification

Surfacing Materials and Fencing are to as be used in the areas as shown on the Landscape Plan, as indicated on the Key and as set out below.

Hard Surface Materials

General Site – Main Access Road, Car Park Areas and Footpaths

Basin Bound Gravel

Tarmacadam laid to a standard construction with a nominal depth of 24 mm bound gravel on top. Gravel aggregate to be Autumn Gold or similar – 3–5 mm nominal size aggregate.

Gravel

Gravel aggregate to be Autumn Gold or similar – 3–5 mm nominal size aggregate.

Refurbished Surfaces around Main Building and Vehicular or Pedestrian Access to Enabling Development

Use Clay brick pavements. Lay Bexhill or Murcia Nostalgie depending on proposed usage. Suppliers to include Chelmer Valley Brick Co Ltd – www.chelmervalley.co.uk and Tel: 01777 219634 or similar to be agreed.

Grass Protection Areas (as indicated on the plan)

Grass reinforcement mesh such as Grass Protecta (Heavy) from Terram Ltd.

Setts

Granite setts 100 x100 mm may be used to define areas between different surfaces.

Fencing Specification

Close Board Fencing – to rear gardens of Enabling Development

1.83 m height x 1.83 m width close board fence panels with 100 mm vertical pales. Panels to be supported on 2700 mm x 100 x 100 mm slotted posts concreted into the ground to approximately 600 mm.

Post and Rail Fencing

To 1.1 m height. 3 no. roll Clift Chestnut Post and Rail fencing with 3 no. morticed joints. Half round vertical posts with irregular sawn horizontal rails.

Plant Specifications

General Specification

All planting stock should comply with the National Plant specification. All planting preparation, handling, planting & maintenance should be in accordance with CPSE Code for Handling and Establishing plants.

All trees and shrubs to comply with BS 3936 Part 1 1992, planted to BS 4043:1989 and BS 4428:1989. It is recommended supply of trees follows BS 8545: Trees: From Nursery to independence in the Landscape. Recommendations and that in the interest of Biosecurity, trees should not be imported directly from European suppliers and planted straight into the field, but spend a full growing season in a British nursery to ensure plant health and non-infection by foreign pests or disease. All trees to be planted must have been held in quarantine.

Existing soils will be retained and used where possible. All soil harvesting, handling and storage should conform with Defra Publication 'Construction Code of Practice for the sustainable use of soils on construction sites' (2009). Soils will be to a depth of at least 600 mm for herbaceous plants, climbers, hedges and shrubs and 1000 mm for trees.

Any additional topsoil will conform to BS 3882 2015. Topsoil incorporated into planting beds to be gently mound towards the centre of each bed to allow for settlement. On completion of planting the whole area of the shrub and herbaceous beds should be mulched with 75mm consolidated thickness of medium textured decorative grade natural pine bark having first been prepared to promote good establishment of vegetation.

Tree Specification

A range of tree species will be used to add diversity to the site and introduce some resistance to the tree stock.

Amelanchier 'RJ Hilton' – 2 no. – 10–12 cm girth and 300–350 cm height at planting

Crataegus laevigata 'Paus Scarlet' – 1 no. – 10–12 cm girth and 300–350 cm height at planting

Koeleruteria paniculata – 1 no. – 1 no. – 10–12 cm girth and 300–350 cm height at planting

Liquidambar styraciflua 'Worplesdon' – 1 no. – 12–14 cm girth and 350–425 cm height at planting

Liriodendron tulipifera – 1 no. – 12–14 cm girth and 350–425 cm height at planting

Magnolia grandiflora 'Kay Parris' – 2 no. – 10–12 cm girth and 300–350 cm height at planting

Malus 'Indian Magic' – 2 no. – 10–12 cm girth and 300–350 cm height at planting

Malus 'Laura' – 1 no. – 8–10 cm girth and 250–300 cm height at planting

Malus sylvestris – 1 no. – 10–12 cm girth and 300–350 cm height at planting

Mespilus germanica – 2 no. – 10–12 cm girth and 300–350 cm height at planting

Morus nigra – 1 no. – 10–12 cm girth and 300–350 cm height at planting

Prunus x subhirtella 'Pendula Rosea Plena' – 2 no. – 10–12 cm girth and 300–350 cm height at planting

Prunus x subhirtella 'Autumnalis' – 1 no. – 10–12 cm girth and 300–350 cm height at planting

Prunus x yedoensis 'Ivensi' – 2 no. – 10–12 cm girth and 300–350 cm height at planting

Quercus x wari 'Regal Prince' – 2 no. – 14–16 cm girth and 425–600 cm height at planting

Sorbus commixta 'Embley' – 1 no. – 10–12 cm girth and 300–350 cm height at planting

Meadow Area Specification

Where possible retain and manage existing grass sward for wildlife enhancement and interest. To be confirmed at time of creation.

If required to improve species diversity the new meadow areas will be formed by sowing seed into a friable soil. Seed area at 5 g/m2 with a suitable meadow mixture such as Emorsgate Seeds 'Standard General Purpose Meadow Mixture'. Once established the sward will be cut once a year (in June) or twice a year (in June and September).

Bulb Areas

Plant Daffodils (including Narcissus 'February Gold' and Narcissus 'Barnum') and Tulips (Tulipa Gordon Cooper) in the areas shown at a rate of 25 no. per m2.

Plant Snowdrops (Galanthus nivalis) in the areas shown at a rate of 50 no. per m2.

Hedging Specifications

Several types of hedges will be included within the site. Native hedging will be retained to the site boundaries where shown. Additional hedging will be used to soften the proposals and add connectivity for wildlife within the site. The following hedges are proposed:

Copper Beech Hedging (Fagus sylvatica f. purpurea)

Plant Beech as a hedge at 45 cm centres. Plants to be 60–80 cm and bare root. Prune as necessary to maintain vigour and hedge form. Maintain to between 1.2–1.5 m height as required. 49 no. plants to be used.

Escallonia Hedging (Escallonia 'Apple Blossom')

Plant Escallonia as a hedge at 75 cm centres. Plants to be 3 Lt, 40–60 cm. Prune after flowering to encourage a second flush of flowers. Prune lightly in spring or as necessary. Maintain to between 1.0–1.2 m height as required. 24 no. plants to be used.

Hornbeam Hedging (Carpinus betulus)

Plant in a single row at 45 cm centres. Plants to be Bare Root, 60–80 cm, Prune as necessary to maintain vigour and hedge form. Maintain to height of 1.0–1.2 m. 110 no. plants to be used.

Laurel Hedging (Prunus lauro-cerasus)

Plant in a single row at 60 cm centres. Plants to be 5 Lt, 40–60 cm, Bushy. Prune as necessary to maintain vigour and hedge form. Maintain to height of 1.8–2.0 m. 44 no. plants to be used.

Privet Hedging (Ligustrum ovalifolium)

Plant in a single row at 30 cm centres. Maintain at 1.2–1.8 m as required. Plants to be 3 Lt, 40–60 cm, Branched. 132 no. plants to be used.

Pyracantha Hedging (Pyracantha 'Saphyr Rouge')

To reinforce and fill gaps in existing hedge around Main Building. Plant in a single row at 50 cm centres. Plants to be 3 Lt, 60–80 cm, Leader and Lateral. Prune as necessary to maintain vigour and hedge form. To form hedge to site frontage. 54 no. plants to be used.

Hedging Specification (continued)

Yew Hedging (Taxus baccata)

Plant in a single row at 60 cm centres. Plants to be 5 Lt, 40–60 cm, Bushy. Prune as necessary to maintain vigour and hedge form. Maintain to height of 1.8–2.0 m. 28 no. plants to be used.

Yew Hedging (Taxus baccata)

Plant in a single row at 50 cm centres. Maintain at 1.2–1.5 m. Plants to be 5 Lt, 60–80 cm, Bushy. 208 no. plants to be used.

Planted Beds (Shrub and Herbaceous areas)

NB: Plant taller growing species to back of the planted beds and away from footpaths. Plant smaller growing species and ground cover to the front of the planted beds.

Bed A

Chaenomeles x superba 'Nicoline' – 4 no. – 3 Lt, 30–40 cm, Branched
Escallonia 'Pink Elle' – 4 no. – 3 Lt, 30–40 cm, Bushy
Hebe 'Nicola's Blush' – 4 no. – 5 Lt, 30–40 cm, Branched
Lavendula angustifolia – 4 no. – 5 Lt, 30–40 cm, Bushy
Phormium 'Dazzler' – 4 no. – 5 Lt, 7 Leaves

Bed B

Cistus x pulverulentus 'Sunset' – 4 no. – 3 Lt, 30–40 cm, Bushy
Lavendula angustifolia – 4 no. – 5 Lt, 30–40 cm, Bushy
Phormium 'Dazzler' – 4 no. – 5 Lt, 7 Leaves
Pittosporum 'Golf Ball' – 4 no. – 3 Lt, 30–40 cm, Bushy
Viburnum davidii – 4 no. – 5 Lt, 40–60 cm, Branched

Bed C

Coppice Cornus on a 2 year cycle to maintain stem colour. Plant closest to access.
Brunnera macrophylla – 3 no. – 1 Lt, Vegetative
Caryopteris x clandonensis 'Worcester Gold' – 3 no. – 5 Lt, 30–40 cm, Bushy

Cornus 'Midwinter Fire' – 2 no. – 5 Lt, 60–80 cm, Branched
Foraythia 'Golden Nugget' – 2 no. – 10 Lt, 60–80 cm, Branched
Geranium macrorrhizum 'Bevans Variety' – 6 no. – 1 Lt, Vegetative
Hebe conerburyensis – 4 no. – 3 Lt, 20–30 cm, Bushy
Hydrangea 'Altona' – 3 no. – 5 Lt, 20–30 cm, Branched
Potentilla 'Elizabeth' – 4 no. – 5 Lt, 30–40 cm, Bushy

Bed D

Coppice Cornus on a 2 year cycle to maintain stem colour. Plant closest to access.

Aucuba dioica – 3 no. – 1 Lt, Vegetative
Cornus 'Midwinter Fire' – 2 no. – 5 Lt, 60–80 cm, Branched
Hebe 'Mrs Winder' – 3 no. – 5 Lt, 30–40 cm, Bushy
Hypericum 'Hidcote' – 2 no. – 5 Lt, 30–40 cm, Bushy
Iris laevigata – 5 no. – 1 Lt, Vegetative
Matteuccia struthiopteris – 2 no. – 5 Lt, Vegetative
Penstemon 'Blue Spire' – 3 no. – 5 Lt, 30–40 cm, Bushy
Viburnum plicatum 'Mariesi' – 2 no. – 10 Lt, 60–80 cm, Branched

Bed E

Alchemilla mollis – 8 no. – 1 Lt, Vegetative
Aucuba 'Rozannie' – 2 no. – 3 Lt, 30–40 cm, Bushy
Pescicaria bistorta 'Superba' – 8 no. – 1 Lt, Vegetative
Phormium cookianum 'Tricolor' – 2 no. – 5 Lt, 7 Leaves

Bed F

Brunnera macrophylla – 8 no. – 1 Lt, Vegetative
Euonymus 'Emerald 'n' Gold' – 4 no. – 3 Lt, 20–30 cm, Bushy
Geranium macrorrhizum 'Bevans Variety' – 8 no. – 1 Lt, Vegetative
Hypericum 'hidcote' – 1 no. – 5 Lt, 40–60 cm, Bushy
Polystichum setiferum – 4 no. – 5 Lt, 40–60 cm
Tellima grandiflora 'Purpurea' – 8 no. – 1 Lt, Vegetative

Bed G

Caryopteris x clandonensis 'Kew Blue' – 3 no. – 3 Lt, 30–40 cm, Branched
Geranium clarkii 'Kashmir White' – 5 no. – 1 Lt, Vegetative
Spirea japonica 'Goldflame' – 4 no. – 5 Lt, 30–40 cm, Branched
Philomela russelliana – 6 no. – 1 Lt, Vegetative
Syringa 'Red Pixie' – 1 no. – 5 Lt, 40–60 cm, Branched
Vinca minor 'Gertrude Jekyll' – 6 no. – 1 Lt, Vegetative

Bed H

Berberis 'wilsonii' – 3 no. – 5 Lt, 30–40 cm, Branched
Cistus 'Silver Pink' – 3 no. – 3 Lt, 30–40 cm, Bushy
Foraythia 'Morae d'O' – 3 no. – 3 Lt, 20–30 cm, Branched
Hebe 'Red Edge' – 4 no. – 3 Lt, 20–30 cm, Branched
Philadelphus 'Sweet Clare' – 2 no. – 5 Lt, 40–60 cm, Branched
Viburnum x judii – 2 no. – 5 Lt, 40–60 cm, Branched

Bed I

Abelia x grandiflora 'Sunshine Dream' – 3 no. – 5 Lt, 40–60 cm, Bushy
Ceratostigma willmotianum – 3 no. – 3 Lt, 30–40 cm, Bushy
Cistus 'Peggy Sammons' – 3 no. – 3 Lt, 30–40 cm, Bushy
Geranium psilostemon – 4 no. – 1 Lt, Vegetative
Hydrangea 'Altona' – 1 no. – 3 Lt, 20–30 cm, Branched
Lavendula angustifolia – 6 no. – 5 Lt, 30–40 cm, Bushy
Luzula 'Hohe Tatra' – 6 no. – 1 Lt, Vegetative
Nandina domestica 'Harbour Dwarf' – 5 Lt, 40–60 cm, Bushy
Phormium 'Maori' – 4 no. – 3 Lt, 5 Leaves
Pulmonaria 'Slissinghurst White' – 4 no. – 1 Lt, Vegetative
Santolonia chamaecyparissus 'Lemon Queen' – 3 no. – 3 Lt, 20–30 cm, Bushy

Bed J

Chidyo 'Royal Lace' – 3 no. – 10 Lt, 60–80 cm, Bushy
Exochora 'Magical Springtime' – 3 no. – 5 Lt, 40–60 cm, Branched
Heuchera 'Silver Scrolls' – 6 no. – 1 Lt, Vegetative
Hydrangea 'Altona' – 1 no. – 3 Lt, 20–30 cm, Branched
Lavendula angustifolia – 6 no. – 5 Lt, 30–40 cm, Bushy
Osteospermum 'Whirlygig' – 4 no. – 1 Lt, Vegetative
Penstemon 'Apple Blossom' – 4 no. – 1 Lt, Vegetative
Phormium cookianum 'Cream Delight' – 2 no. – 5 Lt, 7 Leaves
Sarcococca hookeriana var humilis – 3 no. – 5 Lt, 30–40 cm, Bushy
Sedum 'Autumn Jay' – 4 no. – 1 Lt, Vegetative
Stipa tenuissima – 9 no. – 1 Lt, Vegetative

Bed K

Plant Chidyo to the centre of the bed.
Chidyo tenata – 3 no. – 10 Lt, 60–80 cm, Bushy
Spirea x vanhouttei – 4 no. – 10 Lt, 60–80 cm, Branched
Weigela 'Bristol Ruby' – 3 no. – 5 Lt, 60–80 cm, Branched

Bed L

Where possible retain existing shrubs. Where gaps exist plant additional shrubs including:
Aucuba japonica 'Crantonia' – 10 Lt, 40–60 cm, Bushy
Hebe 'Midsummer Beauty' – 2 no. – 5 Lt, 30–40 cm, Bushy
Osmanthus x burkwoodii – 5 Lt, 40–60 cm, Bushy
Philadelphus 'Sweet Claire' – 5 Lt, 40–60 cm, Branched
Spirea 'Bumalda' – 5 Lt, 40–60 cm, Branched
Viburnum 'Anne Russell' – 5 Lt, 40–60 cm, Branched

Bed M

Plant Eleagnus in the centre of the bed.
Berberis thunbergii 'Atropurpurea' – 3 no. – 10 Lt, 60–80 cm, Branched

Ceanothus 'Autumnal Blue' – 3 no. – 10 Lt, 60–80 cm, Bushy
Eleagnus x ebbingei 'Gilt Edge' – 2 no. – 5 Lt, 60–80 cm, Branched

Bed N

Deutzia x hybrida 'Mont Rose' – 4 no. – 3 Lt, 20–30 cm, Branched
Euonymus 'Emerald 'n' Gold' – 4 no. – 3 Lt, 20–30 cm, Bushy
Spirea 'Bumalda' – 4 no. – 5 Lt, 40–60 cm, Branched
Viburnum x judii – 4 no. – 5 Lt, 40–60 cm, Branched

Bed O

Maintain as an informal hedge or screen to garden boundary.
Osmanthus x burkwoodii – 4 no. – 10 Lt, 60–80 cm, Bushy
Philadelphus carolinensis 'Variegatus' – 4 no. – 10 Lt, 60–80 cm, Branched
Viburnum 'Anne Russell' – 4 no. – 5 Lt, 40–60 cm, Branched

Bed P

Geranium clarkii 'Kashmir White' – 3 no. – 1 Lt, Vegetative
Lavendula angustifolia – 4 no. – 5 Lt, 30–40 cm, Bushy

