

PROTECTION OF EXISTING VEGETATION

TREES

All trees and shrubs will conform to the specification for nursery stock as set out in British Standard 3936 Parts 1 (1992) and 4 (1984). Advanced Nursery stock trees shall conform to BS 5236.

Proposed woodland copse to be planted with native tree and shrub mix on a 1.5m matrix

HEDGES - SOIL PREPARATION

NATIVE MIXED SPECIES HEDGE - PLANTING AND MIX

Hedge to be planted as a double staggered row, 500mm apart at 450mm centres (5 plants/linear m). Crataegus to be planted in same species groups of 15-20, and other species in groups of 5-10. All plant material to native mixed species hedge shall conform to BS3936 Parts 1 and 4 and BS 4428. Transplants to be planted into prepared ground, containing a minimum depth of 450mm topsoil, complying with BS3882, 1994 and incorporating organic matter and slow release fertiliser. Organic matter to be proprietary shrub planting compost, or approved compost derived from recycled organic matter. Slow release fertiliser to be 'Enmag' or similar and approved. Plants will be supported on post and 3-wire temporary support fencing.

Beech/*Fagus* hedge to be planted in a trench 900mm wide, in a double staggered row, rows 400mm apart (5 plants per linear metre). Hawthorne/*Crataegus* and Holly/*Ilex* hedge to be planted in a trench 60cm wide, in a single row, plants 300mm apart (3 plants per linear metre). Plants will be supported on post and 3-wire temporary support fencing.

All shrub material shall be first quality, sturdy, well-rooted non-refrigerated stock with well branched heads and fibrous root systems. Shrubs shall be planted into 450mm good quality fibrous topsoil incorporating organic compost and slow release fertiliser in accordance with good horticultural practice.

All plant material shall be a minimum of 3L pot size unless otherwise specified and confirm to BS3936 Part 1 and BS 4428. Finished beds shall be lightly forked over and dressed with 50mm coarse forest bark mulch.

Areas to be seeded as wildflower grassland will either be spread with low nutrient loaded soils (75% subsoil mixed with 25% topsoil) or if they are not disturbed through the process of site construction be subject to limited topsoil stripping. This must be carried out under the direction of a supervising ecologist experienced in creation of wildflower rich habitat. Seed mix to be EMI – 'Basic General Purpose Meadow Mixture' obtained from Emorsgate Seeds (or as advised by the BMBC ecology officer) broadcast at their recommended rates.

Seed mix areas shall be Pro 25 low maintenance mix OR Low maintenance grass British Seed Houses A22 mix, to be sown at rates as recommended by the manufacturer.

100mm depth of topsoil complying with BS3882 to be spread to area and pre-seed fertiliser to be applied at 50gm/m². Soil to be cultivated using a disc harrow or rotovator, to 50mm depth then further cultivated and rolled to produce a firm seed bed. Low maintenance grass British Seed Houses A22 mix to be sown at 35gm/m² to the rear gardens of properties.

Topsoiled area to be turfed to be graded and cross-graded to even falls to allow finished level of turf to be 40mm above adjoining paved areas. The surface to be lightly and uniformly firmed by rolling or treading, and reduced to a fine tilth up to 25mm in depth. All rubbish, stones greater than 50, diameter etc shall be removed from the surface. Apply an even application of approved fertiliser at a rate of 70g/m² and rake in. No turves to be laid in exceptionally dry or frosty weather or in other unsuitable weather conditions. Turves to be laid in stretcher bond pattern, closely buttied and firmed into position, to the appropriate levels. Turves should be laid from planks, working over turves previously laid. A dressing of finely sifted topsoil (complying with BS 3882) to be applied to laid turf and brushed well into joints. Water turves to prevent drying out before establishment.

All works shall be in accordance with the Landscape Specification and comply with current Health & Safety and CDM

TREE PLANTING - Planting of selected standard trees at focal points within the site will give early maturity to the scheme. Selected standard and light standard trees where it is required to increase screening and to create a green infrastructure, breaking up the building line from outside of the site. Foundation design of new buildings shall accommodate proposed tree planting in accordance with NHBC guidelines. Fastigate forms of trees shall be used where space is limited.

EVERGREEN AND DECIDUOUS HEDGES - Beech and hawthorn single species hedges will be used throughout the development to define space and provide demarcation, and to screen views of parking areas and bin stores. Plants will be supported on post and 3-wire temporary support fencing.

NATIVE SPECIES HEDGES - Native hedges containing species including hawthorn, holly and beech will be used to mitigate loss of existing hedges, planted to the perimeter of the development.

SHRUB PLANTING - A mix of evergreen and deciduous shrubs will be planted throughout the site to give enclosure and structure to the development, all year round colour, texture and interest. Medium size species will be planted against screen fences and walls/retaining walls, with lower species to front gardens and around parking areas. The ultimate height of shrub planting will be generally low to medium ground cover with occasional accents of height throughout larger areas to create vertical interest or act as foils against walls/boundaries. Foliage and flower colour themes will be used to create subtle character zones within the development.

[illegible]

All works shall be in accordance with the Landscape Specification and comply with current Health & Safety and CDM Regulations.

No trees shall be planted within 5m of drains or services without the installation of a root barrier . The Landscape Contractor shall be responsible for acquiring 'as-built' drain and service plans before commencing work on site.

Where existing grass is disturbed it shall be reinstated to match surrounding levels and made good. All trees to receive rabbit guards & watering pipes and shall be secured according to the Landscape Specification.

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SITE BOUNDARY INTERPRETED FROM TENDER DOCUMENTATION PROVIDED BY CLIENT

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STREET TREE SCHEDULE

SPECIES		Ht in m	NUMBERS REQUIRED			
			4-5ft	2.5-2.75	2.7-3.0	3.5-4.0
Plant Name	Common Name	Girth in cm	6-8	10-12	10-12	
		10L pot	1L standard	Standard	Standard	Sel. Standard
<i>Acer campestre</i> 'Streetwise' (Ac5)	Field Maple					
<i>Betula utilis</i> var <i>jacquemontii</i> (Bu1)	Himalayan Birch					
<i>Catalpa bignonioides</i> 'Pavilion' (Ca1)	Indian Laburnum					
<i>Catalpa bignonioides</i> 'Pavilion' (Ca1)	Indian Laburnum					
<i>Celastrus scandens</i> (Ce1)	Common Holly					
<i>Malus 'John Downie'</i> (MiD)	Crab Apple					
<i>Prunus cerasifera</i> (Ps)	Myrobalan Plum					
<i>Prunus 'Pandora'</i> (Pp)	Cherry					
<i>Sorbus villosa</i> (Sv)	Rosy Hawthorn					
<i>Sorbus aucuparia</i> (Sa)	Rowan					

	Plant Name	Common Name	Ht in cm	Pot	Root
Transplants					
	Fagus sylvatica	Beech	60-80cm		B
	Crataegus monogyna	Common Hawthorn	60-80cm		B
	Ilex aquifolium	Holly	60-80cm	3L	

	Plant Name	Common Name	Ht in cm	Pot	Root	Mix Percentage
Transplants						
	Crataegus monogyna	Common Hawthorn	60-80cm	3L	B	70% of mix
	Corylus avellana	Common Hazel)	60-80cm		B	10% of mix
	Ilex aquifolium	Holly	60-80cm		B	10% of mix
	Viburnum opulus	Guelder Rose	60-80cm		B	5% of mix
	Rosa canina	Dog Rose	60-80cm		B	5% of mix

Common Name	Plant Name	Height in cm	Pot (L)	Density
Low Ground-cover Evergreen				
Cotoneaster	Cotoneaster 'Coral Beauty'	40-60cm (D)	3L	5.00
Barberry	Berberis candidula 'Amstelveen'	30-40cm	5L	5.00
Elephant's Ears	Begonia cordifolia 'Purpurea'		3L	6.00
Cotoneaster	Cotoneaster dammeri 'Oakwood'	30-40cm (D)	3L	5.00
Californian Lilac	Ceanothus thyrsiflorus 'Repens'	40-60cm (D)	5L	5.00
Mexican Orange Blossom	Choisya 'Aztec Pearl'	40-60cm	5L	4.00
Spindle	Euonymus fortunei 'Emerald 'n' Gold'	30-40cm (D)	5L	6.00
Spindle	Euonymus fortunei 'Emerald Gaiety'	30-40cm (D)	5L	6.00
Golden Mexican Orange Blossom	Choisya ternata 'Sundance'	40-60cm	5L	4.00
Hebe	Hebe 'Autumn Glory'	20-30cm	3L	4.00
Hebe	Hebe 'Mrs Winder'	30-40cm	3L	4.00
Stoncrop	Sedum 'Autumn Joy'	30-40cm	2L	4.00
Low Ground-cover Deciduous				
Cranesbill	Geranium endressii 'Wargrave Pink'	45cm	3L	6.00
Spurge	Euphorbia griffithii 'Fireglow'		2L	5.00
Grasses				
Japanese Sedge	Carex morrowii 'Evergold'		2L	5.00
Blue Fescue	Festuca glauca 'Elijah Blue'		3L	5.00
Climbing Plants				
Clematis	Clematis montana 'Mayleen'	1000cm	7cm	2.00
Rose	Rosa 'Maigold'	4L		2.00
Winter Jasmine	Jasminum nudiflorum		3L	2.00
Low Evergreen Informal Hedge				
Daisy Bush	Brachyglottis 'Sunshine'	30-40cm	3L	4.00
Shrubby Honeysuckle	Lonicera nitida 'Maygreen'	30-40cm	3L	4.00
English Lavender	Lavandula angustifolia 'Hidcote'	20-30cm	5L	5.00
English Lavender	Lavandula angustifolia 'Munstead'	20-30cm	5L	5.00
Medium Height Structure Shrub				
St John's Wort	Hypericum moserianum 'Gold Flower'	30-40cm	3L	5.00
Shrubby Honeysuckle	Lonicera nitida 'Baggessens Gold'	40-60cm	5L	3.00
Rose	Rosa White Flower Carpet		3L	3.00
Oregon Grape	Mahonia aquifolium 'Apollo'	30-40cm	3L	5.00
Wall Shrubs				
Chionodoxa Quince	Chaenomeles superba 'Crimson & Gold'	40-60cm	3L	4.00
Accent Plants				
Tree Mallow	Lavatera x clementi 'Rosea'		3L	4.00
Oregon Grape	Mahonia media 'Winter Sun'	60-80cm	10L	2.00

Revision | A Drawn | AMS Reviewed | DJ Date | 14/07/17
Planning Issue

planners | urbanists | architects



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Client Name
Jones Homes

Project No 3967	Project Title Bloomhouse Lane, Darton			
Drawn By AMS	Reviewed By DJ	Scale NTS@A1	Discipline LANDSCAPE	Date JULY 2017
Drawing No. 0100-0102	Drawing Title LANDSCAPE SPECIFICATION			Revision A

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