

PLANT SCHEDULE Species	Size & Spec.	Spacing	No
Trees:			
Acer campestre	12-14cm, H Std, 3.5-4.0m height, RB	as shown	11
Acer campestre 'Streetwise'	12-14cm, H Std, 3.5-4.0m height, RB	as shown	12
Alnus glutinosa	6-8cm, Light Std, 2.5-3.0m height, RB	as shown	8
Arbutus unedo	Single Stem Tree, 150-200cm, C10	as shown	24
Betula pendula	8-10cm, Std, 2.5-3.0m height, CG	as shown	37
Carpinus betulus 'Lucas'	12-14cm, H Std, 3.5-4.0m height, RB	as shown	11
Crataegus monogyna	6-8cm, Light Std, 2.5-3.0m height, RB	as shown	1
Crataegus monogyna 'Ferox'	12-14cm, H Std, 3.5-4.0m height, RB	as shown	8
Ginkgo biloba	12-14cm, H Std, 3.5-4.0m height, RB	as shown	1
Gleditsia Sunburst	12-14cm, H Std, 3.5-4.0m height, RB	as shown	1
Ilex aquifolium	1.25-1.5m tall, CG	as shown	3
Ilex aquifolium 'Alaska'	1.25-1.5m tall, CG	as shown	12
Malus sylvestris	8-10cm, Std, 2.5-3.0m height, BR	as shown	1
Pinus radiata	Pruned & Shaped Tree, 120-150cm, C12	as shown	7
Pinus sylvestris	Pruned & Shaped Tree, 120-150cm, C12	as shown	4
Prunus avium	6-8cm, Light Std, 2.5-3.0m height, RB	as shown	8
Prunus x subhirtella 'Autumnalis Rosea'	12-14cm, H Std, 3.5-4.0m height, RB	as shown	11
Prunus cerasifera 'Chanticleer'	8-10cm, Std, 2.5-3.0m height, CG	as shown	9
Quercus ilex	8-10cm, Std, 2.5-3.0m height, CG	as shown	7
Quercus robur	8-10cm, Std, 2.5-3.0m height, BR	as shown	4
Salix pentandra	80-100cm, bareroot	as shown	11
Salix viminalis	80-100cm, bareroot	as shown	9
Sorbus aria	8-10cm, Std, 2.5-3.0m height, BR	as shown	6
Sorbus aucuparia	8-10cm, Std, 2.5-3.0m height, BR	as shown	2
Sorbus aucuparia 'Fastigiata'	12-14cm, H Std, 3.5-4.0m height, RB	as shown	2
Sorbus torminalis	8-10cm, Std, 2.5-3.0m height, BR	as shown	2
Ulmus 'New Horizon'	12-14cm, H Std, 3.5-4.0m height, RB	as shown	2

Quercus spp - Government has introduced new legislation.
Larger oaks can only be imported if they fulfil one of the following criteria: -
They are from OPM free countries
They have been grown in a designated OPM-free area (a Protected Zone – PZ)
They have been grown under complete physical protection for their whole lifetime.

ORNAMENTAL HEDGE			
Viburnum tinus	C7.5 400–600, well developed, branched 3 / lin m planted in staggered row		353
Escallonia laevis	C7.5 400–600, well developed, branched 3 / lin m planted in staggered row		503

NATIVE HEDGE			
Carpinus betulus	90-120 BR	5 / lin m	955

MIXED NATIVE HEDGE #1 (planted in groups of 5-7 same species)			
Prunus spinosa	15%	60-90 BR	5 / lin m
Crataegus monogyna	15%	60-90 BR	5 / lin m
Carpinus betulus	15%	60-90 BR	5 / lin m
Rosa canina	3%	60-90 BR	5 / lin m
Acer campestre	15%	60-90 BR	5 / lin m
Lonicera periclymenum	5%	C1, caned	5 / lin m
Clematis vitalba	2%	C1, caned	5 / lin m
Viburnum lantana	10%	60-90 BR	5 / lin m
Ulex europaeus	10%	C1, 200-300	5 / lin m
Sambucus nigra	10%	60-90 BR	5 / lin m
planting rate of 5/lin. m planted in double staggered row			

MIXED NATIVE HEDGE #2 (planted in groups of 5-7 same species)			
Prunus spinosa	15%	60-90 BR	5 / lin m
Crataegus monogyna	15%	60-90 BR	5 / lin m
Carpinus betulus	50%	60-90 BR	5 / lin m
Rosa canina	5%	60-90 BR	5 / lin m
Acer campestre	15%	60-90 BR	5 / lin m
planting rate of 5/lin. m planted in double staggered row			

Native Shrub Mix:			
Cornus sanguinea	(20%)	60-90 BR	0.56/m2
Corylus avellana	(15%)	60-90 BR	0.56/m2
Euonymus europaeus	(15%)	60-90 BR	0.56/m2
Ligustrum vulgare	(15%)	C1, 200-300	0.56/m2
Lonicera periclymenum	(5%)	C1, 200-300	0.56/m2
Sambucus nigra	(15%)	60-90 BR	0.56/m2
Viburnum opulus	(15%)	60-90 BR	0.56/m2
Ulex europaeus	(5%)	C1, 200-300	0.56/m2
planting at 1.5m centres to allow foraging (0.56/m2)			

Native Coppice planting:			
Cornus sanguinea	(50%)	60-90 BR	0.56/m2
Corylus avellana	(50%)	60-90 BR	0.56/m2
planting at 1.5m centres to allow foraging (0.56/m2)			

SHRUBS			
Berberis thunbergii 'Diaboli'	C3 300–400, well developed, bushy	5/m2	14
Berberis thunbergii 'Bagatelle'	C3 300–400, well developed, bushy	5/m2	26
Berberis davirii	C3 300–400, well developed, bushy	5/m2	16
Ceanothus 'Yankee Point'	C3 300–400, well developed, bushy	5/m2	82
Chaenomeles x superba 'Jet Trail'	C3 300–400, well developed, min 3 breaks	5/m2	73
Choisy x devitteana Goldfingers	C3 300–400, well developed, bushy	5/m2	56
Cistus x skanbergii	C3 300–400, well developed, bushy	5/m2	86
Cytisus x praecox 'Atlas'	C3 300–400, well developed, bushy	5/m2	49
Cytisus x hybridus	C3 300–400, well developed, bushy	5/m2	46
Elaeagnus 'Limelight'	C3 300–400, well developed, bushy	5/m2	92
Euonymus japonicus	C3 300–400, well developed, bushy	5/m2	21
Euonymus japonicus 'Green Rocket'	C3 300–400, well developed, bushy	5/m2	28
Euonymus fortunei 'Halepalm'	C3 300–400, well developed, bushy	5/m2	30
Fuchsia magellanica 'Lady Bacon'	C3 300–400, well developed, bushy	5/m2	71
Genista lydia	C3 300–400, well developed, bushy	5/m2	40
Hebe Autumn Glory	C3 300–400, well developed, bushy	5/m2	60
Hebe 'Red Edge'	C3 300–400, well developed, bushy	5/m2	21
Hebe 'Baby Marie'	C3 300–400, well developed, bushy	5/m2	28
Hebe salicifolia	C3 300–400, well developed, bushy	5/m2	92
Hydrangea paniculata Vanilla Fraise	C3 300–400, well developed, bushy	5/m2	74
Hypericum x moserianum 'Tricolor'	C3 300–400, well developed, bushy	5/m2	49
Lavatera x clementi 'Barnsley'	C3 200–300, well developed, bushy	5/m2	27
Lonicera ligustrina var. pleata	C3 300–400, well developed, bushy	5/m2	48
Loropetalum chinense var. rubrum 'Fire Dance'	C3 200–300, well developed, bushy	5/m2	23
Olearia x haastii	C3 300–400, well developed, bushy	5/m2	60
Parahеbe 'Snow Clouds'	C3 300–400, well developed, bushy	5/m2	53
Philomis fruticosa	C3 300–400, well developed, bushy	5/m2	25
Phormium 'Maui Sunrise'	C3 400–600	5/m2	10
Potentilla fruticosa 'Red Ace'	C3 300–400, well developed, bushy	5/m2	21
Potentilla fruticosa 'Daydawn'	C3 300–400, well developed, bushy	5/m2	19
Potentilla fruticosa 'Goldfinger'	C3 300–400, well developed, bushy	5/m2	53
Rosmarinus officialis	C3 300–400, well developed, bushy	5/m2	14
Ruta graveolens 'Jackman's Blue'	C3 200–300, well developed, bushy	5/m2	32
Sarcococca hookeriana var. humilis	C3 300–400, well developed, bushy	5m2	62
Sarcococca hookeriana var. hookeriana	C3 300–400, well developed, bushy	5m2	13
Skimmia japonica subsp. reevesiana	C3 300–400, well developed, bushy	5m2	77
Spiraea japonica 'Firelight'	C3 300–400, well developed, bushy	5/m2	33
Tetrum fruticos	C3 300–400, well developed, bushy	5/m2	15
Viburnum x judii	C3 300–400, well developed, bushy	5m2	39

GROUNDCOVER			
Pachysandra terminalis 'Green Carpet'	C1 200–300, well developed, min 3 breaks	15/m2	45
Vinca major	C1 200–300, well developed, min 3 breaks	15/m2	803
Vinca minor f. alba	C1 200–300, well developed, min 3 breaks	15/m2	25

EM2 – Standard General Purpose Meadow Mixture:

Wild Flowers		
%	Latin name	Common name
0.5	Achillea millefolium	Yarrow
3	Centaurea nigra	Common Knapweed
0.4	Daucus carota	Wild Carrot
1.5	Galium verum	Lady's Bedstraw
1	Knaulda arvensis	Field Scabious
1.3	Leucanthemum vulgare	Oxeye Daisy
1	Lotus corniculatus	Birdfoot Trefoil
2.5	Plantago lanceolata	Ribwort Plantain
0.5	Plantago media	Hairy Plantain
0.3	Primula veris	Cowslip
2	Prunella vulgaris	Selfheal
3	Ranunculus acris	Meadow Buttercup
1.5	Rhinanthus minor	Yellow Rattle
1	Rumex acetosa	Common Sorrel
0.1	Trifolium pratense	Wild Red Clover
20%		

Grasses		
%	Latin name	Common name
8	Agrostis capillaris	Common Bent
40	Cynosurus cristatus	Crested Dogstail
28	Festuca rubra	Slender-creeping Red-fescue
4	Pleium bertalanii	Smaller Cat's-tail
80%		

EM8 – Meadow mixture for wetlands

Wild Flowers		
%	Latin name	Common name
0.2	Achillea millefolium	Sneezewort
0.1	Achillea ptarmica	Betony
2.5	Betonica officinalis	Common Knapweed
2	Filipendula ulmaria	Meadowsweet
0.5	Galium verum	Lady's Bedstraw
0.5	Leontodon hispidus	Rough Hawkbit
0.5	Leucanthemum vulgare	Oxeye Daisy
0.7	Lotus corniculatus	Birdfoot Trefoil
0.5	Lotus pedunculatus	Greater Birdfoot Trefoil
1	Plantago lanceolata	Ribwort Plantain
1	Primula veris	Cowslip
1.5	Prunella vulgaris	Selfheal
2	Ranunculus acris	Meadow Buttercup
1.5	Rhinanthus minor	Yellow Rattle
1.5	Sanguisorba officinalis	Great Burnet
0.5	Silauum silaus	Pepper Saxifrage
0.4	Silene flax-cucull	Ragged Robin
0.5	Succisa pratensis	Devil's-bit Scabious
20%		

Grasses		
%	Latin name	Common name
10	Agrostis capillaris	Common Bent
1	Alopecurus pratensis	Meadow Foxtail (w)
3	Anthoxanthum odoratum	Sweet Vernal-grass (w)
2	Biza media	Quaking Grass (w)
32	Cynosurus cristatus	Crested Dogstail
1	Deschampsia cespitosa	Tufted Hair-grass (w)
24	Festuca rubra	Slender-creeping Red-fescue
1	Hordeum secalum	Meadow Barley (w)
6	Schedonorus pratensis	Meadow Fescue (w)
80%		

Notes:

Landscape Implementation Guidelines.

The approved soft landscaping scheme for the whole site shall be carried out prior to occupation of the building or during the first planting season following the full completion of building works, whichever is sooner.

All planting and landscape operations should comply with the requirements specified in BS 3936 (1992) Nursery Stock Part One, BS 4428 (1989) Code of Practice for General Landscape Operations (excluding hard surfaces) and BS5945 Trees from nursery to independence in the landscape.

Any plant species shown on the approved landscape scheme which within a period of 5 years from the completion of the development dies, is removed or in the opinion of the LPA becomes seriously damaged or diseased shall be replaced in the same place in the next planting season with identical species unless the LPA gives written consent to any variation.

General Maintenance Notes.

Refer to Landscape Management and Maintenance document

Proposed Tree Planting

Stock size proposed is as shown.

Tree support for semi mature specimens shall be two softwood stakes @ 7.5cm diameter @ 230cm length and should be driven into the ground to knee-height with ties and horizontal cross support.

Tree pit size to conform to BS5945 Trees from nursery to independence in the landscape.

There shall be a 1m diameter weed free mulched border to every tree, with a minimum of 50mm approved bark mulch applied.

Each tree shall have protective guarding appropriate to species to prevent damage from pests.

Proposed Shrub and Hedgerow Planting

Hedgerow planting to be planted as shown in the plant schedule, to be planted in the first available planting season following the occupation of the building or the completion of the development (whichever is sooner), in a minimum 400mm depth of clean topsoil, with a minimum of 50mm approved bark mulch applied.

Each shrub shall have protective guarding appropriate to species to prevent damage from pests.

Proposed Seeding

Seeding to be carried out in the first available seeding season in a minimum 150mm depth of clean topsoil.

Additional Notes.

Existing trees and vegetation to be retained are to be protected during construction to BS 5837:2012

Any necessary tree works to be carried out by an approved tree surgeon to BS 3998.

Trees, hedges and shrubs shown to be retained on the approved plan shall not be damaged, uprooted, felled, lopped or topped without the prior written consent of the local planning authority.

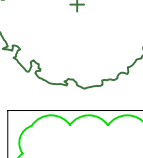
If any retained tree, hedge or shrub is removed or severely damaged during construction work, or is found to be seriously diseased or dying, another tree, hedge or shrub shall be planted at the same place and shall be of a size and species to be agreed in writing by the Local Planning Authority and shall be planted in the first planting season following the completion of the development or the occupation of the buildings, whichever is the earlier.

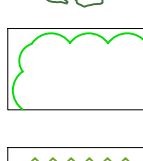
New footing depths must be calculated to deal with all new tree, shrub and hedge planting in accordance with the latest NHBC recommendations.

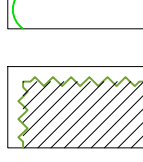
Proposed tree positions are to be approved by the structural engineers responsible for foundation design.

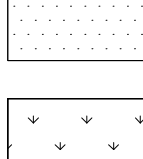
Soft Landscape Legend

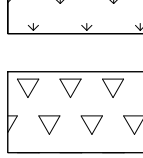
 **Proposed Tree** - refer to planting schedule

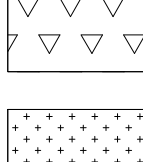
 **Planting - Native Coppice**
Refer to plant schedule

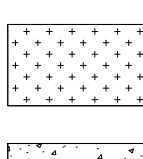
 **Planting - Hedge**
Refer to plant schedule

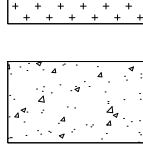
 **Amenity Grass**

 **Meadow grass (General Purpose Meadowgrass)**
Refer to plant schedule

 **Uncut meadow grass (General Purpose Meadowgrass)**
Refer to plant schedule

 **Wetland meadow grass**
Refer to plant schedule

 **Self binding gravel path**

 **Knee Rail**

Notes:

- 1 Refer to Project Health and Safety File for locations and details of existing services

