

Landscape Schedule

Abbreviation	Species	Girth	Specification	Number
AcC	Acer campestre	14-16cm	RB	1No.
AcB	Acer platanoides 'Autumn Blaze'	12-16cm	RB	4No.
AGB	Alnus glutinosa	8-10cm	BR	3No.
ApBG	Apple 'Betty Gesson'		Maiden 26	3No.
ApBS	Pear 'Beurre Superfin'		Maiden	3No.
AcG	Apple 'Glasneven'		Maiden 26	2No.
ApMQ	Apple 'May Queen'		Maiden 26	2No.
BeP	Betula pendula	8-10cm	BR	4No.
BeP	Betula pendula	14-16cm	RB	1No.
CaB	Carpinus betulus	8-10cm	BR	2No.
CaBFF	Carpinus betulus 'Frans Fontaine'	8-10cm	BR	3No.
CrtL	Crataegus laevigata	8-10cm	BR	7No.
SaC	Salix caprea	8-10cm	BR	2No.
SaOu	Sorbus aucuparia	8-10cm	BR	1No.
				Total 41No.

Native Mix	Species	Specification	Pot Size	Density	%	Number	Area
AcC	Acer campestre	BR		2m ²	20%	74No.	36.47m ²
CoS	Cornus sanguinea	BR		2m ²	15%	56No.	27.35m ²
CrM	Crataegus monogyna	BR		2m ²	25%	93No.	45.58m ²
IA	Ilex aquifolium	BR	3L	2m ²	5%	19No.	9.12m ²
PrS	Prunus spinosa	BR		2m ²	15%	56No.	27.35m ²
RoC	Rosa canina	BR		2m ²	10%	37No.	18.23m ²
ViO	Viburnum opulus	BR		2m ²	10%	37No.	18.23m ²
				Total	372No.	Total	182.33m ²

Woodland Mix 1							
Abbreviation	Species	Pot Size	Specification	Density	%	Number	Area
AcC	Acer campestre		BR	1Cr	20%	79No.	76.78m²
CoA	Corylus avellana		BR	1Cr	20%	79No.	76.78m²
CrM	Crataegus monogyna		BR	1Cr	20%	79No.	76.78m²
PrS	Prunus spinosa		BR	1Cr	20%	79No.	76.78m²
RoC	Rosa canina		BR	1Cr	10%	41No.	38.39m²
SaB	Sambucus nigra		BR	1Cr	5%	21No.	19.21m²
ViO	Viburnum opulus		BR	1Cr	5%	21No.	19.21m²
						Total 399No.	Total 383.93m²

Woodland Mix Large							
Abbreviation	Species	Specification	Pot Size	Density	%	Number	Area
AcC	Acer campestre	BR - Feather		1Cr	20%	21No.	19.21m²
BeP	Betula pendula	BR - Feather		1Cr	20%	21No.	19.21m²
CaB	Carpinus betulus	BR - Feather		1Cr	20%	21No.	19.21m²
FrE	Fraxinus excelsior	BR - Feather		1Cr	20%	21No.	19.21m²
IA	Ilex aquifolium		10L	1Cr	5%	8No.	4.8m²
QuR	Quercus robur	BR - Feather		1Cr	15%	17No.	14.39m²
				Total : 109No.		Total : 96.03m²	

Native Vegetation								
Abbreviation	Species	Specification	Pot Size	Density	%	Number	Length	
AcC	Acer campestre	BR	0.5Cr	Double Staggered at 0.3m offset	20%	459No.	123.01m	
CoA	Corylus avellana	BR	0.5Cr	Double Staggered at 0.3m offset	20%	459No.	123.01m	
CrM	Crataegus monogyna	BR	0.5Cr	Double Staggered at 0.3m offset	25%	617No.	153.77m	
IA	Ilex aquifolium	BR	3L	0.5Cr	Double Staggered at 0.3m offset	5%	125No.	30.75m
LV	Ligustrum vulgare	BR	0.5Cr	Double Staggered at 0.3m offset	10%	248No.	61.51m	
RoC	Rosa canina	BR	0.5Cr	Double Staggered at 0.3m offset	10%	248No.	61.51m	
ViO	Viburnum opulus	BR	0.5Cr	Double Staggered at 0.3m offset	10%	248No.	61.51m	
						Total 2472No.	Total 615.07m	

Hedges						
Abbreviation	Species	Height	Pot Size	Density	Number	Length
FaS	Fagus Sylvatica	40-60cm		0.5Ctr Double Staggered at 0.3m offset	510No.	126.75m
LaaH	Lavandula angustifolia 'Hidcote'	20-30cm	2L	5/m	119No.	23.67m
					Total :629No.	Total :150.42m

Swale Mix							
Abbreviation	Species	Specification	Pot Size	Density	%	Number	Area
GeR	Geranium Rozanne		3L	3/m²	10%	86No.	26.11m²
MisKF	Miscanthus sinensis 'Kleine Fontane'		2L	3/m²	20%	163No.	52.23m²
RuG	Rudbeckia 'Goldsturm'		2L	3/m²	10%	86No.	26.11m²
TyM	Typha minima		3-3.5L	3/m²	60%	478No.	156.71m²
						Total :813No.	Total :261.16m²

Shrub	Species	Height	Pot Size	Density	Number	Area
CC	Cistus x corbanensis	20-30cm	2L	4m²	40No.	9.82m²
CoS	Cornus sanguinea	30-40cm	3L	3m²	66No.	22m²
Dal	Daphne laureola	30-40cm	3L	2m²	55No.	27.13m²
EurEG	Euonymus fortunei 'Emerald Gaiety'	30-40cm	3L	3m²	16No.	5.32m²
EurEG	Euonymus fortunei 'Emerald 'n' Gold'	20-30cm	2L	4m²	182No.	44.92m²
FaS	Fagus Sylvatica	40-60cm	2L	3m²	106No.	35.08m²
FoI	Forsythia intermedia	30-40cm	2L	3m²	31No.	10.04m²
FuR	Fuchsia 'Riccarton'	30-40cm	2L	3m²	15No.	4.94m²
FuTT	Fuchsia 'Tom Thumb'	20-30cm	2L	4m²	84No.	20.53m²
HePQ	Hebe 'Purple Queen'	20-30cm	2L	4m²	74No.	18.18m²
HyC	Hypericum calycinum	20-30cm	2L	3m²	21No.	6.99m²
LaAH	Lavandula angustifolia 'Hidcote'	20-30cm	2L	4m²	42No.	42.44m²
LoP	Lonicera pileata	20-30cm	2L	3m²	48No.	15.21m²
MeSV	Meritha Suaveolens 'Variegata'	20-30cm	2L	4m²	95No.	23.22m²
PhCa	Philadelphus coronarius 'Aureus'	30-40cm	3L	3m²	13No.	4.23m²
RoC	Rosa canina	20-30cm	2L	3m²	34No.	10.9m²
SchA	Symphoricarpos chenaultii 'Hancock'	20-30cm	2L	3m²	29No.	9.96m²
SkJR	Skimmia japonica 'Rubella'	20-30cm	2L	3m²	14No.	4.55m²
ViD	Viburnum davidii	30-40cm	3L	3m²	42No.	13.93m²
ViEP	Viburnum tinus 'Eve Price'	30-40cm	3L	3m²	39No.	11.38m²
					Total 1174No.	Total 340.37m²

Herbaceous						
Abbreviation	Species	Spread	Pot Size	Density	Number	Area
ArPC	Artemisia 'Powis Castle'	20-30cm	2L	4/m ²	74No.	18.17m ²
CaHE	Carex hachijensis 'Evergold'		2L	4/m ²	13No.	3.24m ²
GeR	Geranium Rozanne		3L	3/m ²	105No.	34.87m ²
LoC	Lobelia cardinalis		2L	6/m ²	21No.	34.87m ²
MeoA	Melissa officinalis 'Aurea'		2L	6/m ²	75No.	12.25m ²
MeP	Mentha pulegium		2L	4/m ²	93No.	22.89m ²
ThPC	Thymus Pink Chinz	20-30cm	2L	4/m ²	97No.	23.63m ²
					Total 667No.	Total 149.92m ²

Climbers						
Abbreviation	Species	Height	Pot Size	Density	Number	Area
HehH	Hedera helix hibernica	40-60cm	2L	3/m ²	19No.	6.05m ²
					Total :19No.	Total :6.05m ²

Grasses						
Abbreviation	Species	Height	Pot Size	Density	Number	Area
CaP	Carex Pendula		2L	3/m²	70No.	23.23m²
DaG	Dactylis glomerata		1-1.5L	3/m²	16No.	5.01m²
DeC	Deschampsia caespitosa		2L	3/m²	70No.	23.23m²
					Total :156No.	Total :51.47m²

Grass Areas Turf	Area
Seed Mix Name	212.4m²
Turf	Total 212.4m²

Grass Areas EHI	Area
Seed Mix Name	877.73m²
EHI	Total 877.73m²

Grass Areas EG10	Area
Seed Mix Name	6867.05m²
EG10	Total 6867.05m²

Grass Areas EM8	Area
Seed Mix Name	261.15m²
EM8	Total 261.15m²

Landscape Notes

All planting, seeding or turfing comprised in the details of this drawing shall be carried out in the first planting and seeding seasons following occupation of the buildings or the completion of the development, whichever is the sooner and the client is to replace any trees, hedgerows or plants contained in the approved planting scheme which within a period of 5 years from the completion of the development die, are removed or become seriously damaged or diseased shall be replaced in the next planting season with others of similar size and species, unless the local planning authority gives written consent to any variation.

All plants shall comply with BS 3936

All topsoil to comply with BS3882 - multi-purpose use

All shrub beds to receive a 450mm topsoil

All grass areas to receive 150mm of topsoil

Prior to planting all areas are to be cultivated to an even fifth any debris larger than 50mm to be removed from site

Shrub beds are to be mulched with 50mm of bark mulch

Standard Trees are to be planted in pits 600 x 600 x 600mm

Heavy Standard Trees are to be planted in pits 1000 x 800 x 500mm

Semi-mature Trees are to be planted in pits 1000 x 1000 x 1000mm

Tree pits to be backfilled with a mixture of topsoil, planting compost and fertilizer

Bare-root trees to be supported by 1no stake and 2no ties

Rootballed / containerised trees to be supported by 2no stakes and crossbar

All trees are to be planted as shown ensuring a minimum of 5 metres from buildings and 3 metres from drainage

Grass areas are to be cultivated to 100mm and raked to a fine tilth, any debris over 50mm to be removed from site

All turf to be used is to be of cultivated type and is to be laid in accordance with the British Standards

It is assumed that none of the landscaping proposals conflicts with any onsite services, please advise if not correct

The Contractor will report any damages, fly tipping or losses at regular intervals to the Client.

In the late Autumn each year prepare a report on losses, damaged areas and pruning requirements for the Client.

After the first 12 month establishment period any shrub and tree planting outside garden space is to be maintained by applicant for a further 4 years.

Bark mulch to be topped up bi-annually, any failed shrubs or trees to be replaced and the end of each year.

Bar mulch to be topped up bi-annually, any failed shrubs or trees to be replaced and the end of each year.

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EH1 - Hedgerow Mixture

Composition

EH1 contains wild flowers and grasses that are tolerant of semi-shade and is suitable for sowing beneath newly planted or established hedges and on woodland edges, rides and glades.

Wild Flowers

0.5	Achillea millefolium	Yarrow
1.2	Agrostis capillaris	Common Bent
1.5	Alliaria petiolata	Garlic Mustard
0.4	Arctium minus	Lesser Burdock
0.5	Betonica officinalis - (Stachys officinalis)	Bedstraw
1.5	Centaurea nigra	Common Knapweed
0.4	Chamaemelum nobile	Rough Chervil
2	Chamaemelum nobile	Hedge Bedstraw
1	Galium verum	Lady's Bedstraw
0.3	Geranium pyrenaicum	Hedgerow Crane's-bill
0.6	Hypericum perforatum	Perforate St John's Wort
0.3	Lathyrus sylvestris	Narrow-leaved Everlasting-pea
0.8	Leucanthemum vulgare	Oxeye Daisy - (Moon Daisy)
0.5	Origanum vulgare	Wild Marjoram
0.7	Plantago lanceolata	Plantain
1	Primula veris	Cowslip
2.5	Silene dioica	Red Campion
0.5	Silene latifolia	White Campion
2	Torilis japonica	Upright Hedge-parasley
0.5	Verbascum thapsus	Great Mullein
0.5	Vicia cracca	Tufted Vetch
0.8	Vicia sativa ssp. segetalis	Common Vetch

Grasses

%	Latin name	Common name
10	Agrostis capillaris	Common Bent
2	Anthoxanthum odoratum	Sweet Vernal-grass (w)
7	Brachypodium pinnatifidum	False Bromegrass (w)
20	Cynosurus cristatus	Crested Dogtail
1	Deschampsia caespitosa	Tufted Hair-grass (w)
3	Festuca rubra	Slender-creeping Red-fescue
12	Poa nemoralis	Wood Meadow-grass

Sowing Rate 4g/m2

Ground preparation

Select ground that is not highly fertile and does not have a problem with perennial weeds.

To prepare a seed bed first remove weeds using repeated cultivation or an herbicide application. Cultivation close to established trees and shrubs can be damaging to their root systems so take care not to dig too deep, keeping disturbance to the minimum required to expose fresh soil.

Sowing

Seed is best sown in the autumn or spring but can be sown at other times of the year if there is sufficient warmth and moisture. The seed must be surface sown and can be applied by machine or broadcast by hand. Do not incorporate or cover the seed but firm in with a roll, or by treading, to give good soil/seed contact.

Aftercare

First year management

Most of the sown hedgerow species are perennial and will be slow to germinate and grow and will not usually flower in the first growing season. There will often be a flush of annual weeds from the soil in the first growing season. This weed growth is easily controlled by topping or mowing.

Management once established

Hedgerows, woodland edges, rides, glades and other semi-shaded communities usually sit on the boundary between one habitat type (eg open grassland) and another (eg closed tree canopy). The management requirements of established hedgerow mixtures can be tailored to light levels and to fit in with adjacent vegetation types.

Zoned management of hedgerow margins frequently produces the best diversity of habitat structure: areas closest to the hedge or woodland boundary and those which are more shaded are left uncut in most years.

Hedgerow vegetation that is not mown or grazed each year will become rough and "tussocky" in character. It can form useful refuge habitat on corners and margins of a site.

To control scrub and bramble development these tussocky areas may need cutting every 2-3 years between October and February. For wildlife this cutting is best done on a rotational basis so that no more than half the area is cut in any one year leaving part as an undisturbed refuge.

EM8 - Meadow mixture for wetlands

Composition

EM8 contains species suitable for seasonally wet soils and is based on the vegetation of traditional water meadows. Soils in wet meadows may flood for short periods in winter, but are usually well drained in summer.

Wild Flowers

%	Latin name	Common name
0.2	Achillea millefolium	Yarrow
2	Centaurea nigra	Common Knapweed
2	Filipendula ulmaria	Meadowsweet
1.5	Galium verum	Lady's Bedstraw
0.5	Gium aleuticum	Woad
0.2	Iris pseudacorus	Yellow Iris
1.5	Leucanthemum vulgare	Oxeye Daisy - (Moon Daisy)
0.5	Lotus corniculatus	Birdfoot Trefoil
0.04	Lotus pedunculatus	Greater Birdfoot Trefoil
1	Plantago lanceolata	Plantain
1	Primula veris	Cowslip
2	Prunella vulgaris	Self-heal
0.5	Pulicaria dysenterica	Common Fleabane