



KEY & NOTES

- Existing Trees/Vegetation to be Retained
Refer to drawings and report by Trevor Bridge Associates for further information.
- Proposed Native Species Trees
See schedule for species and specification.
- Proposed Western POS Trees
See schedule for species and specification.
- Proposed Street Trees
See schedule for species and specification.
- Proposed Medium Sized Trees
See schedule for species and specification.
- Proposed Ornamental Trees
See schedule for species and specification.
- Proposed Ornamental Hedge
To be Fagus sylvatica (Beech) or Prunus lusitanica (Portuguese Laurel).
See schedule for specification.
- Proposed Native Species Hedge
See schedule for species and specification.
- Proposed Areas of Shrub Planting
See schedule for indicative species list.
- Amenity Grassland/Turf
- Proposed Amenity/Meadow Grassland
See schedule for species and specification.
- Proposed Wetland Meadow Grassland
See schedule for species and specification.
- Area to be plug planted
Extents of area to be established on site by Project Landscape Architect/Ecologist
See schedule for species list.
- Proposed Seeding to SuDS/Swales
See schedule for species and specification.
- Proposed Native Species Scrub
See schedule for species and specification.
- Proposed Native Species Wetland Scrub
See schedule for species and specification.
- Sewer Easement

PLANTING SCHEDULES

Native Species Trees	Size	Note	Quantity
Ac Acer campestre	12-14cm	RB	9
Bp Betula pendula	12-14cm	RB	4
Ps Pinus sylvestris	2-2.5m	CG	13
Pa Prunus avium	12-14cm	RB	5
Pp Prunus padus	12-14cm	RB	2
Qr Quercus robur	12-14cm	RB	11
Sa Sorbus aucuparia	12-14cm	RB	18

Western POS Trees	Size	Note	Quantity
Ac Acer campestre	12-14cm	RB	6
Bp* Betula pubescens	12-14cm	RB	2
Cl Crataegus laevigata	12-14cm	RB	3
Ps Pinus sylvestris	2-2.5m	CG	3
Qp Quercus petraea	12-14cm	RB	3
Qr Quercus robur	12-14cm	RB	4
Sal Sorbus aucuparia	12-14cm	RB	3

Street Trees	Size	Note	Quantity
Ls* Liquidambar styraciflua	18-20cm	RB	11
Gt Gleditsia triacanthos 'Skyline'	18-20cm	RB	4
Pc Pyrus calleryana 'Chanticleer'	18-20cm	RB	47
Sar Sorbus aria	18-20cm	RB	32
Rp Robinia pseudoacacia 'Bessonia'	18-20cm	RB	11

Medium Trees	Size	Note	Quantity
Af Acer freemanii 'Autumn Blaze'	12-14cm	RB	16
Bp Betula pendula	12-14cm	RB	2
Pap Prunus avium 'Charles Sargentii'	12-14cm	RB	11
Sa Sorbus aucuparia	12-14cm	RB	7

Ornamental Trees	Size	Note	Quantity
Al Amelanchier lamarkii	12-14cm	RB	22
AcE Acer campestre 'Elegant'	12-14cm	RB	15
Cp Crataegus prunifolia	12-14cm	RB	36
Ms Magnolia stellata	12-14cm	RB	13
Sh Sorbus hupehensis	12-14cm	RB	14

Native Species Hedge Mix - NM	% mix	Size	Note	Final Height
Crataegus monogyna	40%	60-90cm	BR	1.5m
Corylus avellana	20%	60-90cm	BR	1.5m
Prunus spinosa	20%	60-90cm	BR	1.5m
Ilex aquifolium	10%	3L	CG	1.5m
Viburnum opulus	10%	60-90cm	BR	1.5m

To be planted in a double staggered row at 5no per lin m

Ornamental Hedges	Code	Size in cm	Pot Size	Density/Spacing	Final height
Evergreen					
Prunus lusitanica	PI	80-100cm	10L / RB	2.5No / linear m	1.2m
Deciduous					
Fagus sylvatica	Fs	100-125cm	Bare root	5No / linear m	1.2m

All hedges planted as a single row. To be trimmed lightly after planting to promote bushy growth.

Native Species Scrub Mix - 388m2	% mix	Size	Note	Total
Acer campestre	10%	60-90cm	BR	39
Corylus avellana	15%	60-90cm	BR	58
Crataegus monogyna	40%	60-90cm	BR	154
Ilex aquifolium	5%	3L	3L	20
Prunus spinosa	20%	60-90cm	BR	78
Sambucus nigra	10%	60-90cm	BR	39

Native Species Wetland Scrub Mix - 983m2	% mix	Size	Note	Total
Betula pubescens	10%	40-60cm	BR	98
Salix alba	30%	40-60cm	BR	295
Salix cinerea	30%	40-60cm	BR	295
Salix viminalis	30%	40-60cm	BR	295

Aquatic and Marginal Plug Plants	Quantity
Common meadow-rue - Thalictrum flavum	45
Common reed - Phragmites australis	45
Devil's bit scabious - Succisa pratensis	45
Greater birdsfoot trefoil - Lotus pedunculatus	45
Gypswort - Lycopodium europaeus	45
Hemp agrimony - Eupatorium cannabinum	45
Marsh marigold - Caltha palustris	45
Meadow buttercup - Ranunculus acris	45
Meadowsweet - Filipendula ulmaria	45
Purple loosestrife - Lythrum salicaria	45
Ragged Robin - Lychnis flos-cuculi	45
Sneezewort - Achillea ptarmica	45
Tufted vetch - Vicia cracca	45
Water figwort - Scrophularia auriculata	45
Yellow Iris - Iris pseudacorus	45
Total:	675

SuDS/Swale Seeding - Emorsgate EP1
Native species seed mix rich in wild flowers and grasses suitable for marginal wetland zones where the water level in the soil is never more than 50cm below the surface.
EP1 seed mix - Pond Edge mixture
Sowing rate: 4g/m2

Mixture Composition:		
Wild Flowers		
%	Latin name	Common name
0.5	Achillea ptarmica	Sneezewort
0.2	Angelica sylvestris	Wild Angelica
0.2	Caltha palustris	Marsh Marigold
0.5	Eupatorium cannabinum	Hemp Agrimony
2.4	Filipendula ulmaria	Meadowsweet
4	Iris pseudacorus	Yellow Iris
0.5	Lotus pedunculatus	Greater Birdsfoot Trefoil
1	Lycopodium europaeus	Gypswort
1.5	Lythrum salicaria	Purple Loosestrife
3	Ranunculus acris	Meadow Buttercup
0.3	Scrophularia auriculata	Water Figwort
0.5	Silene flos-cuculi	Ragged Robin
0.2	Succisa pratensis	Devil's-bit Scabious
1.5	Thalictrum flavum	Common Meadow-rue
2	Vicia cracca	Tufted Vetch
20		
Grasses		
%	Latin name	Common name
12	Agrostis capillaris	Common Bent
5	Alopecurus pratensis	Meadow Foxtail (w)
1	Anthoxanthum odoratum	Sweet Vernal-grass (w)
36	Cynosurus cristatus	Crested Dogtail
1	Deschampsia cespitosa	Tufted Hair-grass (w)
25	Festuca rubra	Slender-creeping Red-fescue
80		

General Purpose Meadow Grass Mixture - Emorsgate EG1
Native species seed mix with a predominance of wildflowers, providing a species rich habitat / hunting ground for native wildlife.
Existing native shrub vegetation within defined area to be retained and incorporated.
EG1 seed mix - General Purpose Meadow Grass Mixture
Sowing rate: 5g/m2

Mixture Composition:		
%	Latin name	Common name
10	Agrostis capillaris	Common Bent
35	Cynosurus cristatus	Crested Dogtail
30	Festuca rubra	Red Fescue
5	Phleum bertolonii	Smaller Cats-tail
20	Poa pratensis	Smooth stalked Meadow Grass

NOTES:

Native Hedgerow Planting
Hedges to be planted in a double staggered row at 5 plants per lin m in single species groups of 5-10.

Native hedgerow plants to be protected from rabbits using appropriate proprietary bio-degradable rabbit guards. Areas of new planting to be kept free of weeds during establishment using 50mm of bark mulch. Bare root plants to be notch planted to depth of root collar in accordance with BS4428. Container grown plants (holly) to be protected with appropriate tree guard and planted to depth of original root collar in accordance with BS4428. Appropriate long release fertiliser pellets (e.g. Osmocote Tel: 01282 873333) to be applied in accordance with the manufacturer's recommendations and directions.

Tree Stakes for Heavy Standard Trees
Heavy standard trees to be double staked and fixed to crossbar with one no. rubber tie and spacer. Stakes to be 65mm diameter tanalised softwood and pointed at one end. Top of stake to be 600mm above ground level. Stake to be firm in ground, position stake at time of planting.

Extra Heavy Standard Trees
With the exception of street trees located outside the site boundary, ie trees to the western side of the main access road and trees to the site's northern boundary (which are to be secured as per Heavy Standard Tree note above) all Extra Heavy Standard Trees are to be secured using an appropriate proprietary underground guying system e.g. ArborGuy.

Topsoil
All shrub, tree and hedgerow planting and amenity grass seeding should utilise site won or imported as dug topsoil to BS2862:2015.

Wetland Meadow Grassland - Emorsgate EM8		
Native species seed mix selected for seasonally wet soils, based on the vegetation of traditional water meadows.		
EM8 seed mix - Meadow Mixture for Wetlands		
Sowing rate: 4g/m2		
Mixture Composition:		
Wild Flowers		
%	Latin name	Common name
0.5	Achillea millefolium	Yarrow
0.5	Betonica officinalis	Betony
1	Centaura nigra	Common Napsweed
1	Filipendula ulmaria	Meadowsweet
1.6	Galium verum	Lady's Bedstraw
1.5	Leucanthemum vulgare	Oxeye Daisy
0.3	Lotus pedunculatus	Greater Birdsfoot Trefoil
1	Plantago lanceolata	Ribwort Plantain
1	Primula veris	Cowslip
2	Prunella vulgaris	Selfheal
3	Ranunculus acris	Meadow Buttercup
1.6	Rhinanthus minor	Yellow Rattle
1.2	Rumex acetosa	Common Sorrel
1.5	Silaum silaus	Pepper Saxifrage
0.3	Silene flos-cuculi	Ragged Robin
0.2	Succisa pratensis	Devil's-bit Scabious
1.8	Vicia cracca	Tufted Vetch
20		
Grasses		
%	Latin name	Common name
12	Agrostis capillaris	Common Bent
5	Alopecurus pratensis	Meadow Foxtail (w)
1	Anthoxanthum odoratum	Sweet Vernal-grass (w)
36	Cynosurus cristatus	Crested Dogtail
1	Deschampsia cespitosa	Tufted Hair-grass (w)
25	Festuca rubra	Slender-creeping Red-fescue
80		