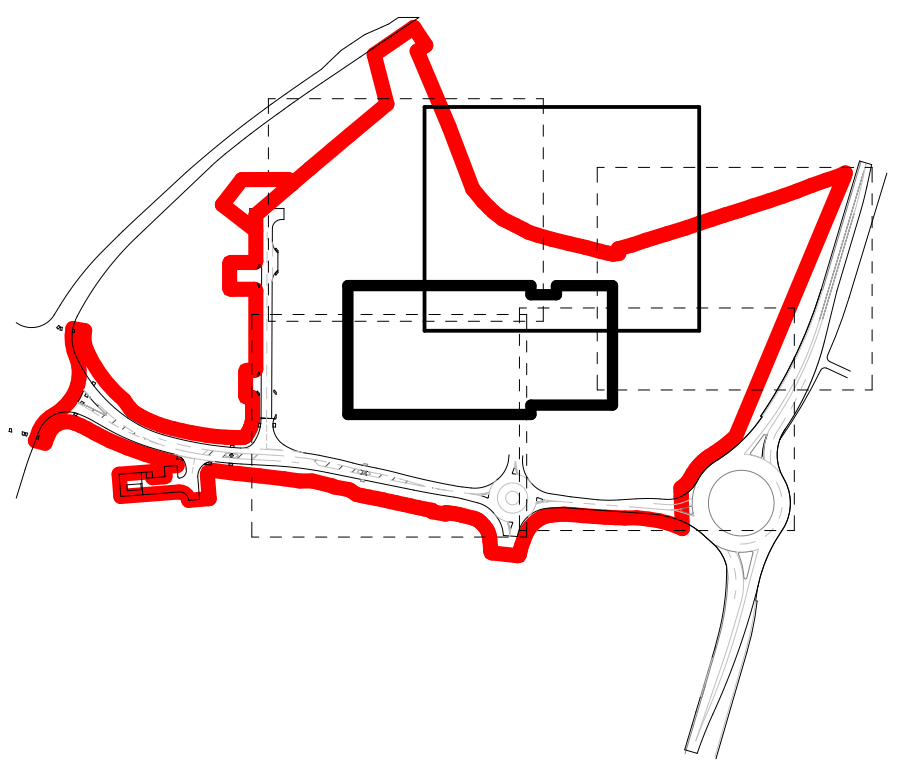


 Proposed tree planting

Transplants planted in groups of 5-10 randomly off-centre from a 1.5 x 1.5m grid.
Feathered trees planted randomly off-centre from a 3 x 3m grid.
Ground to be weed free and prepared to a sufficient depth and width to ensure plants can be carefully planted with root system spread without being damaged. Each plant to have one supporting cane and shelter. No more than specified numbers of same species to be planted in any one group.
Upon completion base of plant to be mulched to a depth of 50mm and to the width of 500mm

10%	<i>Alnus glutinosa</i> – Black Alder	Feathered	2x	1.25-1.5m	BR	50
25%	<i>Carpinus betulus</i> – Hornbeam	Feathered	2x	1.25-1.5m	BR	115
15%	<i>Prunus avium</i> – Wild Cherry	Feathered	2x	1.25-1.5m	BR	70
20%	<i>Quercus robur</i> – English Oak	Feathered	2x	1.25-1.5m	BR	95

15%	<i>Cornus sanguinea</i>	Branched	1/2	60-80cm	BR	275
15%	<i>Corylus avellana</i>	Branched	1/2	60-80cm	BR	275
35%	<i>Crataegus monogyna</i>	Branched	1/2	40-60cm	BR	645
15%	<i>Eunomium europaeus</i>	Branched	1/2	60-80cm	BR	275
5%	<i>Ilex aquifolium</i>	Leader/Laterals	40	flex	C	95
5%	<i>Rosa canina</i>	Branched	1/2	60-80cm	BR	95
10%	<i>Viburnum opulus</i>	Branched	1/2	60-80cm	BR	185

Indicative plant list, not exhaustive and subject to detail design. Quantities include plants within Carpark Mixes 1 & 2.

Species	Form	Height	Spec	Density
Name		ft	ft	ft ⁻²
<i>Geophila carolinensis</i>	Branches	14-60cm	31	605
<i>Betula hirtellii</i>	Branches	30-40cm	31	140
<i>Juniperus horizontalis</i> "Reptens"	Branches	30-40cm	31	295
Asaka "Elegansissima"	Branches	40-60cm	31	2m/2
<i>Juniperus communis</i> "Platyphylloides"	Branches	40-60cm	31	2m/2
<i>Eucornia fortunei</i> "Dart's Barker"	Branches	40-60cm	31	6m/3
<i>Juniperus rakusana</i>	Branches	30-50cm	31	6m/3
<i>Hamamelis</i>	Branches	30-40cm	31	6m/3
<i>Ledera x intermedia</i>	Bushy	20-30cm	31	5m/3
<i>Lonicera pileata</i>	Bushy	50-60cm	31	5m/3
<i>Pittosporum baileyi</i>	Bushy	20-30cm	31	2m/2
<i>Juniperus horizontalis</i> "Sue Meyer"	Bushy	20-30cm	31	4m/2
<i>Pyracantha</i> "Orange Glo"	Bushy	40-60cm	31	3m/3
<i>Juniperus japonica</i> "Magic Carpet"	Bushy	40-60cm	31	4m/2
<i>Viburnum opulus</i> "Compactum"	Bushy	40-60cm	31	2m/2
<i>Juniperus communis</i>	Bushy	40-60cm	31	4m/2
<i>Vitis rotundifolia</i>	Bushy	20-30cm	21	5m/3
<i>Vitis minor</i>	Bushy	20-30cm	21	5m/3

Name	Form	Height	Spec	Density
<i>Ceanothus thyrsiflorus</i> 'Repens'	Bushy	30-40cm	3LI	3m ²
<i>Euronymus fortunei</i> 'Dart's Blanco'	Bushy	30-40cm	3LI	5m ²
<i>Hebe rakienis</i>	Bushy	20-30cm	3LI	5m ²
<i>Hedera hibernica</i>		30-40m		6m ²
<i>Liriodendula x intermedia</i>	Bushy	20-30cm	3LI	5m ²
<i>Pittosporum tobira</i> 'Nanum'	Bushy	20-30cm	3LI	4m ²
<i>Prunus laurocerasus</i> 'Otto Luyken'	Bushy	40-60cm	3LI	4m ²
<i>Vaccinium davidii</i>	Bushy	30-40cm	3LI	4m ²
<i>Vibex minor</i>		20-30cm	2LI	5m ²

	Reproductive habit	Height	Spacer	Diffusivity
<i>Berberis thunbergii</i>	Branched	30-40cm	4cm ²	3LI
<i>Euonymus fortunei</i> 'Dart's Blankeet'	Bushy	30-40cm	3LI	5m ²
<i>Hebe rakaienensis</i>	Bushy	20-30cm	3LI	5m ²
<i>Hedera hibernica</i>	Bushy	30-40cm		6m ²
<i>Philosopha tobiata</i> 'Nanum'	Bushy	20-30cm	3LI	4m ²
<i>Prunus laurocerasus</i> 'Otto Luyken'	Bushy	40-50cm	3LI	4m ²
<i>Pyracantha</i> 'Orange Glow'	Bushy	40-60cm	3LI	3m ²
<i>Viburnum davidii</i>	Bushy	30-40cm	3LI	4m ²
<i>Vinca minor</i>		20-30cm	2LI	5m ²

Name	Spec	Density	Qty
<i>Deschampsia cespitosa</i>	2Ll	5/m ²	25
<i>Miscanthus sinensis</i>	2Ll	3/m ²	15
<i>Pennisetum alopecuroides</i>	2Ll	5/m ²	10
<i>Stipa arundinacea</i>	2Ll	5/m ²	20

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

Wild Flowers 20%
 2.00% Achillea millefolium – Yarrow, 0.60% Agrimonia eupatoria – Agrimony, 3.60% Centaurea nigra – Common Knapsweed, 1.00% Filipendula ulmaria – Meadowsweet, 2.00% Galium vulgare – Lady's Bedstraw, 0.20% Geum rivale – Water Varns, 0.50% Lathyrus pratensis – Meadow Vetchling, 0.10% Leontodon hispidus – Rough Hawkbit, 1.20% Leucanthemum vulgare – Oxeye Daisy (Moon Daisy), 0.10% Lotus corniculatus – Birdfoot Trefoil, 0.40% Lotus pedunculatus – Greater Birdfoot Trefoil, 3.20% Plantago lanceolata – Ribwort Plantain, 0.20% Prunella vulgaris – Cowslip, 0.10% Prunella vulgaris – Selfheal, 0.40% Ranunculus acris – Meadow Buttercup, 1.00% Rhanthus minor – Yellow Rattle, 1.20% Rumex acetosa – Common Sorrel, 1.00% Sanguisorba officinalis – Great Burnet, 0.30% Silene flos-cuculi – Ragged Robin, 0.10% Succisa pratensis – Devil's-bit Scabious, 0.40% Viola cracca – Tufted Violet

Grasses 80%
4.00% *Agrostis capillaris* – Common Bent (w), 4.00% *Anthoxanthum odoratum* – Sweet Vernal-grass (w), 1.60% *Carex divulsa* subsp. *divulsa* – C
Sedge (w), 34.40% *Cynosurus cristatus* – Crested Dogstail, 1.60% *Deschampsia cespitosa* – Tufted Hair-grass (w), 20.00% *Festuca rubra* – Red
Fescue, 4.00% *Hordeum secalinum* – Meadow Barley (w), 8.00% *Poa trivialis* – Rough-stalked Meadow-grass, 2.40% *Schedonorus arundinaceus*
Tail Fescue

A double staggered row of 5no. plants per linear metre, 300mm apart. Ground to be weed free and prepared to a sufficient depth and width to ensure plants can be carefully planted with root system spread without being damaged. Each plant to have one supporting cane and shelter. No more than specified numbers of same species to be planted in any one group. Upon completion base of hedge to be mulched to a depth of 50mm and to the width of 500mm

Name	Form	Age	Height	Root	Qty
Fagus sylvatica – Common beech	Transplant	1/1	80-100	B	1,950

A double staggered row of 5no. plants per linear metre, 300mm apart. Ground to be weed free and prepared to a sufficient depth and width to ensure plants can be carefully planted with root system spread without being damaged. Each plant to have one supporting cane and shelter. No more than specified numbers of same species to be planted in any one group. Upon completion base of hedge to be mulched to a depth of 50mm and to the width of 500mm

10%	<i>Acer campestre</i> – Field maple	Feathered	1/1	1.25–1.5m	BR	55
10%	<i>Carpinus betulus</i> – Hornbeam	Feathered	1/2	1.25–1.5m	BR	55
25%	<i>Corylus avellana</i> – Hazel	Feathered	1/1	1.25–1.5m	BR	135
20%	<i>Crataegus monogyna</i> – Hawthorn	Feathered	1/1	1.25–1.5m	BR	110
20%	<i>Ilex aquifolium</i> – Holly	Leaderracials	1/1	40–60cm	C	110
5%	<i>Ligustrum vulgare</i> – Wild privet	Branched	1/1	80–100cm	BR	30
10%	<i>Prunus spinosa</i> – Blackthorn	Branched	1/2	80–100cm	BR	55

+ BOWMER KIRKLAND

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client name
Bowmer & Kirkland for Siemens

project
Siemens Mobility Chippenham

drawing

Soft Landscape Plan 02

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