



Plant schedule

Project: MENSA, Burghfield

Client: AWE

Ref: JSL1669_550

Dwg Ref: JSL1669_501 to 508

Status: FOR PLANNING

Date: June 2009

Revision: D

Botanical name	Common Name	Density	Stock size	Stock type	Mix %
1.1 Woodland copse planting					
<u>a. Shrubs</u>					
Corylus avellana	Hazel	1.5m/cs	60-90cm	B	20
Crataegus monogyna	Hawthorn	1.5m/cs	60-90cm	B	25
Prunus avium	Wild Cherry	1.5m/cs	60-90cm	B	15
Malus sylvestris	Crab Apple	1.5m/cs	60-90cm	B	5
Ilex aquifolium	Holly	1.5m/cs	3L	B	10
<u>b. Trees</u>					
Acer campestre	Field Maple	1.5m/cs	1.0 - 1.2m Fth	B	2
Acer campestre	Field Maple	1.5m/cs	1.75 - 2.0m Fth	C / RB	5
Fraxinus excelsior	Ash	1.5m/cs	1.0 - 1.2m Fth	B	5
Populus tremula	Aspen	1.5m/cs	1.0 - 1.2m Fth	B	5
Quercus robur	English Oak	1.5m/cs	1.0 - 1.2m Fth	B	3
Quercus robur	English Oak	1.5m/cs	8 - 10cm Std	C / RB	5
					100

Note: Woodland mix planted at 1.5m/cs, with trees set within matrix at approximately 3 - 5m apart. Shrub species planted in informal groups of between 3 - 7No.

1.1* Woodland copse planting (Including additional edge planting)

<u>a. Shrubs</u>					
Corylus avellana	Hazel	1.5m/cs	60-90cm	B	20
Crataegus monogyna	Hawthorn	1.5m/cs	60-90cm	B	25
Prunus avium	Wild Cherry	1.5m/cs	60-90cm	B	15
Malus sylvestris	Crab Apple	1.5m/cs	60-90cm	B	5
Ilex aquifolium	Holly	1.5m/cs	3L	B	10
<u>b. Trees</u>					
Acer campestre	Field Maple	1.5m/cs	1.0 - 1.2m Fth	B	2
Acer campestre	Field Maple	1.5m/cs	1.75 - 2.0m Fth	C / RB	5
Fraxinus excelsior	Ash	1.5m/cs	1.0 - 1.2m Fth	B	5
Populus tremula	Aspen	1.5m/cs	1.0 - 1.2m Fth	B	5
Quercus robur	English Oak	1.5m/cs	1.0 - 1.2m Fth	B	3
Quercus robur	English Oak	1.5m/cs	8 - 10cm Std	C / RB	5
					100

Note: Woodland mix planted at 1.5m/cs, with trees set within matrix at approximately 3 - 5m apart. Shrub species planted in informal groups of between 3 - 7No.

<u>c. Native shrub edge planting</u>					
Acer campestre	Field Maple	0.5m/cs	60-90cm	B	40
Crataegus monogyna	Hawthorn	0.5m/cs	60-90cm	B	35
Ilex aquifolium	Holly	0.5m/cs	3L	B	10
Corylus avellana	Hazel	0.5m/cs	60-90cm	B	15
					100

Note: Native shrub edge planted in three staggered rows at 0.5m/cs.

1.2 Mounded woodland copse planting

(Tree and shrub mix as items a & b set out in 1.1)

Botanical name	Common name	Density	Stock size	Stock type	Mix %
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1.3 Boundary hedgerow with trees

a. Hedge mix

Acer campestre	Field Maple	10/m	60-90cm	B	20
Corylus avellana	Hazel		60-90cm	B	10
Cornus sanguinea	Dogwood		60-90cm	B	2
Sambucus nigra	Elder		60-90cm	B	1
Crataegus monogyna	Hawthorn		60-90cm	B	45
Prunus spinosa	Blackthorn		60-90cm	B	15
Rosa canina	Dogrose		60-90cm	B	2
Viburnum opulus	Viburnum		60-90cm	B	5
					100

Note: All Boundary hedgerows to be planted in five staggered rows 500mm apart, plants at 500mm linear c/s. Total hedge width between 2.0 - 3.0m (dependant upon location)

b. Hedgerow trees

Acer campestre	Field Maple	(As shown on proposals)	8-10cm	C / RB	
Acer campestre 'Streetwise'	Field Maple		12 -14cm	C / RB	
Fraxinus excelsior	Ash		12 -14cm	C / RB	
Fraxinus excelsior 'Westhof's Gloire'	Ash		12 -14cm	C / RB	
Quercus robur	English Oak		8-10cm	C / RB	
Malus sylvestris	Crab Apple		12 -14cm	C / RB	
Prunus avium	Wild Cherry		12 -14cm	C / RB	

1.4 Estate hedgerow with trees

a. Hedge mix

Acer campestre	Field Maple	5/m	45 - 60cm	CL / B	35
Carpinus betulus	Hornbeam		45 - 60cm	CL / B	50
Ilex aquifolium	Holly		3L	C	15
					100

b. Single species hedge

Acer campestre	Field Maple	5/m	120 - 150cm	RB / Min 5 breaks	100
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c. Single species hedge

Carpinus betulus	Hornbeam	5/m	120 - 150cm	RB / Min 5 breaks	100
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Note: All Estate hedgerows to be planted in double staggered row, at 500mm linear c/s. Total hedge width 1.2m

d. Hedgerow trees

Acer campestre 'Streetwise'	Field Maple	(As shown on proposals)	16 - 18cm	C / RB	
Fraxinus excelsior 'Westhof's Gloire'	Ash		14 -16cm	C / RB	
Quercus robur	English Oak		14 -16cm	C / RB	

Botanical name	Common Name	Density	Stock size	Stock type	Mix %
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1.5 Marginal and wet coppice planting

a. Trees

<i>Alnus glutinosa</i>	Common Alder		2.0 - 3.5m Mlt Stm	C / RB	
<i>Salix fragilis</i>	Crack Willow		2.0 - 3.5m Mlt Stm	C / RB	
<i>Salix alba</i>	White Willow		2.0 - 3.5m Mlt Stm	C / RB	

Note: All multi-stemmed trees shall have a minimum of 5 breaks

b. Coppice shrubs

<i>Cornus sanguinea</i>	Dogwood	1.5m c/s	60-90cm	B	15
<i>Corylus avellana</i>	Hazel	1.5m c/s	60-90cm	B	15
<i>Salix viminalis</i>	Osier	1.5m c/s	60-90cm	B	10
<i>Salix caprea</i>	Sallow Willow	1.5m c/s	60-90cm	B	20
<i>Salix cinerea</i>	Grey Willow	1.5m c/s	60-90cm	B	20
<i>Salix alba</i>	White Willow	1.5m c/s	60-90cm	B	5
<i>Frangula alnus</i>	Alder Buckthorn	1.5m c/s	60-90cm	B	15
					100

Note: All shrubs shall have a minimum of 5 breaks

c. Edge planting

<i>Butomus umbellatus</i>	Flowering rush	4/m2	P7 or P9	C	15
<i>Carex paniculata</i>	Great Tussock sedge	4/m2	P7 or P9	C	10
<i>Glyceria maxima</i>	Reed sweet grass	4/m2	P7 or P9	C	10
<i>Iris pseudacorus</i>	Yellow Flag Iris	4/m2	P7 or P9	C	20
<i>Myosotis scorpiodes</i>	Water Forget-me-not	5/m2	P7 or P9	C	10
<i>Sparganium erectum</i>	Branched bur reed	4/m2	P7 or P9	C	15
<i>Ranunculus flammula</i>	Lesser spearwort	5/m2	P7 or P9	C	10
<i>Sagittifolia sagittifolia</i>	Arrowhead	5/m2	P7 or P9	C	10
					100

d. Marginal planting

<i>Carex riparia</i>	Greater Pond Sedge	5/m2	P7 or P9	C	15
<i>Filipendula ulmaria</i>	Meadowsweet	5/m2	P7 or P9	C	15
<i>Geum rivale</i>	Water avens	5/m2	P7 or P9	C	10
<i>Hydrocotyle vulgaris</i>	Marsh pennywort	5/m2	P7 or P9	C	10
<i>Lycopus europaeus</i>	Gypsywort	5/m2	P7 or P9	C	15
<i>Persicaria amphibian</i>	Amphibious Bistort	4/m2	P7 or P9	C	10
<i>Lychnis flos-cuculi</i>	Ragged robin	5/m2	P7 or P9	C	10
<i>Scrophularia auriculata</i>	Water figwort	5/m2	P7 or P9	C	15
					100

e. Shallows/Ledge plants

<i>Callitriche stagnalis</i>	Water starwort	5/m2	P7 or P9	C	20
<i>Carex rostrata</i>	Bottle Sedge	5/m2	P7 or P9	C	20
<i>Ceratophyllum demersum</i>	Rigid hornwort	5/m2	P7 or P9	C	20
<i>Myriophyllum spicatum</i>	Water milfoil	5/m2	P7 or P9	C	20
<i>Ranunculus aquatilis</i>	Water crowfoot	5/m2	P7 or P9	C	20
					100

Note: Shallows/Ledge plants to be planted only in areas deemed to be constantly submerged.
Marginal planting species listed should not be deemed as a definitive schedule,
other locally native species would be allowable.

Botanical name	Common Name	Density	Stock size	Stock type	Mix %
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1.6 Amenity shrub planting

a. Shrub planted areas

Cornus alba		2.00/m2	10L	C	
Cotoneaster microphyllus		4.00/m2	3L	C	
Geranium 'Wargrave Pink'		5.00/m2	2L	C	
Hebe rakaiensis		4.00/m2	3L	C	
Hedera hibernica		5.00/m2	2L	C	
Lutzula sylvatica		5.00/m2	3L	C	
Lonicera pileata		4.00/m2	3L	C	
Pennisetum alopecuroides		6.00/m2	3L	C	
Pyracantha 'Red Cushion'		4.00/m2	3L	C	
Rosa 'Grouse'		4.00/m2	3L	C	
Symphoricarpos chenaultii 'Hancock'	Snowberry	4.00/m2	2L	C	

Specimen shrubs (Within shrub planted areas)

Cercis siliquastrum	Judas tree		25L	C	
Miscanthus sinensis			10L	C	
Hamamelis x intermedia 'Jelena'	Witch Hazel		10L	C	
Ilex aquifolium 'Silver Queen'	Holly		10L	C	
Taxus baccata 'Fastigiata'	Yew		10L	C	

b. Groundcover shrub mix planting

Cotoneaster microphyllus		4.00/m2	3L	C	20
Lonicera pileata		4.00/m2	3L	C	40
Pyracantha 'Red Cushion'		4.00/m2	3L	C	20
Rosa 'Grouse'		4.00/m2	3L	C	20
					100

Note: Groundcover mix planted in single species groups of 20 - 40 No.

c. Feature trees

Liquidambar styraciflua	Sweet Gum		18 - 20cm	C / RB	
Quercus palustris	Pin Oak		18 - 20cm	C / RB	

d. Semi native groundcover mix

Hedera helix	Ivy	4.00/m2	2L	C	50
Symphoricarpos chenaultii 'Hancock'	Snowberry	4.00/m2	2L	C	50
					100

1.7 Parkland Tree Planting

Aesculus hippocastanum	Horse Chestnut		18 - 20cm	C / RB	
Alnus glutinosa	Common Alder		16 - 18cm	C / RB	
Fagus sylvatica	Beech		16 - 18cm	C / RB	
Fraxinus excelsior	Ash		16 - 18cm	C / RB	
Prunus avium 'Plena'	Cherry		16 - 18cm	C / RB	
Tilia x euchlora	Crimean Lime		16 - 18cm	C / RB	
Quercus robur	Oak		14 - 16cm	C / RB	

Botanical name	Common Name	Density	Stock size	Stock type
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1.8 Avenue Trees

Alnus glutinosa	Common Alder		20 - 25cm	C / RB
Fraxinus excelsior 'Westhof's Gloire'	Ash		20 - 25cm	C / RB
Carpinus betulus 'Frans Fontaine'	Hornbeam		20 - 25cm	C / RB
Tilia cordata 'Greenspire'	Small Leaved Lime		20 - 25cm	C / RB

1.9 Grass and Meadow seed mixes

a. Amenity grass areas

British Seed Houses - A22 Low maintenance seed mix (35g/m2)

b. Meadow mix (for clay soil)

Emorsgate mix - EM4 (5g/m2)

c. Wetland Meadow mix

Emorsgate mix - EM8 (5g/m2)

d. Waters Edge mix

Emorsgate mix - EP1 (5g/m2)

Notes:-

BR = Bare root

C = Container grown

RB = Root balled

B = bagged

Mlt stm = Multi-stemmed tree

CL = Cell grown

All species listed above are subject to commercial availability / viability. Any substitutions will require prior approval.