

## LAND EAST OF A40, ROSS ON WYE, PHASE 4b: PLANT SCHEDULE

### Trees

Code	Species	Girth	Size	Notes
Ac	<i>Acer campestre</i> – <i>Field maple</i>	10-12cm	2x. Selected Standard 3.0-3.5m	RB. 1 stake.
Ag	<i>Alnus glutinosa</i> - <i>Common alder</i>	10-12cm	2x. Selected Standard 3.0-3.5m	RB. 1 stake.
Jr	<i>Juglans regia</i> - <i>Walnut</i>	12-14cm	3x. Heavy.Standard 3.5-4.25m	RB. 1 stake.
Ls	<i>Liquidambar styraciflua</i> – <i>Sweet gum</i>	12-14cm	3x. Heavy.Standard 3.5-4.25m	CG or RB. 2 stakes
Ms	<i>Malus sylvestris</i> – <i>Crab apple</i>	10-12cm	2x. Selected Standard 3.0-3.5m	RB. 1 stake.
Pa	<i>Prunus avium</i> – <i>Wild cherry</i>	10-12cm	2x. Selected Standard 3.0-3.5m	RB. 1 stake.
Pp	<i>Prunus padus</i> 'Watereri' – <i>Bird cherry</i>	10-12cm	2x. Selected Std 3.0-3.5m	RB. 1 stake.
Qr	<i>Quercus robur</i> – <i>Oak</i>	12-14cm	3x. Heavy Standard. 3.5-4.25m	CG or RB. 2 stakes.
Sa	<i>Sorbus aucuparia</i> - <i>Rowan</i>	10-12cm	2x. Selected Std 3.0-3.5m	RB. 1 stake.
Sam	<i>Sorbus aria</i> 'Majestica' - <i>Whitebeam</i>	10-12cm	2x. Selected Standard 3.0-3.5m	RB. 1 stake.
Sf	<i>Salix fragilis</i> – <i>Crack willow</i>	6-8cm	2x. Feathered 2.0-2.5m	RB. 1 stake.
Tc	<i>Tilia cordata</i> 'Greenspire' – <i>Small leaved lime</i>	10-12cm	2x. Selected Std 3.0-3.5m	RB. 1 stake.

Tree pits to be a minimum of 750mm x 750mm x 700mm deep for selected standard trees, and 900mm x 900mm x 750mm deep for heavy standard trees. Tree pits to be a minimum of 300mm wider and 75mm deeper than the tree root system when full spread. Pit bases slightly domed to assist drainage and broken up to a depth of 150mm. Backfill with topsoil, planting compost and slow-release fertiliser at manufacturer's recommended rates. Do not use products containing peat. Mulch tree planting pits to 600mm diameter with 50mm deep wood bark mulch.

### Woodland matrix

Species	Girth	Size	Notes
<b>Trees:</b> to be planted at 3m spacing within the shrub matrix, in single species groups of 3-5, avoiding crown spread of existing trees, minimum of 3m from footpath and 2m from edge of plantation.			
<i>Acer campestre</i> – <i>Field maple</i>	0.8-1.0m	1+1 transplants	RB. 1 stake.
<i>Alnus glutinosa</i> – <i>Common alder</i>	0.8-1.0m	1+1 transplants	RB. 1 stake.
<i>Betula pendula</i> – <i>Common silver birch</i>	0.8-1.0m	1+1 transplants	RB. 1 stake.
<i>Malus sylvestris</i> – <i>Crab apple</i>	1.5-1.75m	2X, feathered	RB. 1 stake

Quercus robur - <i>Oak</i>	1.5-1.75m	2X, feathered	CG/RB. 1 stake	
Sorbus aucuparia - <i>Rowan</i>	1.5-1.75m	2X, feathered	RB. 1 stake	
<b>Shrubs:</b> to be planted at 1m spacing throughout the area shown, in single species groups of 3-7.				
Corylus avellana - <i>Hazel</i>	400-600mm	1+1 BR or 2L	Cut back by half on planting.	
Crataegus monogyna - <i>Hawthorn</i>	400-600mm	1+1 BR	Cut back by half on planting.	
Prunus spinosa - <i>Blackthorn</i>	400-600mm	1+1 RB	Cut back by half on planting.	
Salix caprea – <i>Goat willow</i>	600-800mm	0/1 BR	Cut back by half on planting.	
Sambucus nigra - <i>Elder</i>	400-600mm	1+0 BR	Cut back to 150mm on planting.	
Viburnum opulus – <i>Guelder rose</i>	400-600mm	1+1 BR	Cut back by half on planting.	
If necessary, protect with individual Netlon guards or enclose plantation with rabbit-proof fence. Mulch planting stations to 300mm diameter with 50mm deep wood bark mulch.				
<b>Native species hedges: H1</b>				
%	Species	Size	BR/RB/CG	Notes
15	Acer campestre – <i>Field maple</i>	400-600mm	RB	
15	Corylus avellana – <i>Hazel</i>	400-600mm	1+1 BR	Cut back by a third on planting.
30	Crataegus monogyna – <i>Hawthorn</i>	400-600mm	1+1 BR	Cut back by a third on planting.
10	Ilex aquifolium – <i>Holly</i>	300-400mm	2L CG	Bushy.
15	Prunus spinosa – <i>Blackthorn</i>	400-600mm	1+1 BR	Cut back by a third on planting.
15	Viburnum opulus – <i>Guelder rose</i>	400-600mm	1+1 BR	Cut back by a third on planting.
To be planted at 400mm spacing in 3 staggered rows, 400mm apart in single species groups of 5-7, apart from holly in groups of 3 and hawthorn in groups of 7-11. Mulch planting area with 50mm deep wood bark mulch.				
<b>Native species hedges: H2</b>				
%	Species	Size	BR/RB/CG	Notes
25	Acer campestre – <i>Field maple</i>	600-800mm	RB	Cut back by a third on planting.
40	Crataegus monogyna – <i>Hawthorn</i>	600-800mm	1+1 BR	Cut back by a third on planting.
10	Ilex aquifolium – <i>Holly</i>	400-500mm	CG 2L	Bushy.
25	Viburnum opulus – <i>Guelder rose</i>	600-800mm	1+1 BR	Cut back by a third on planting.
To be planted at 300mm spacing in 2 staggered rows, 300mm apart, in single-species groups of 3-5, apart from holly in groups of 3. Mulch planting area with 50mm deep wood bark mulch.				

Single species hedges					
Code	Species	Size	BR/RB/CG		Notes
H3	Fagus sylvatica – <i>Beech</i>	600-800mm	1+1 transplants		Plant in 2 staggered rows at 6/linear m or 300mm centres. Allow to grow by 100mm annually.
H4	Prunus laurocerasus ‘Rotundifolia’ – <i>Cherry laurel</i>	600-800mm	CG 2L		3 breaks in lower third. Plant in 2 staggered rows 400mm apart at 400mm centres.
H5	Prunus lusitanica – <i>Portugal laurel</i>	600-800mm	CG 3L		Strong plants. Min. 3 breaks in lower third. Plant in 2 staggered rows 400mm apart at 400mm centres.
Mulch planting areas with 50mm deep wood bark mulch.					
Shrub planting					
Code	Species	Size	No / m2	BR/RB/CG	Notes
Am	Amelanchier canadensis	600-800mm	1	CG 3L	Bushy. Not to be grafted.
Ca	Cornus alba	400-600mm	2	CG 2L	3 breaks in lower third. Cut back to 150mm on planting.
Csf	Cornus stolonifera ‘Flaviramea’	400-600mm	2	CG 2L	3 breaks in lower third. Cut back to 150mm on planting.
Ctr	Ceanothus thyrsiflorus Repens	300-400mm	4	CG 3L	Foliage covering compact plants.
Cd	Cotoneaster dammeri	300-400mm	5	CG 2L	Foliage covering compact plants.
Hmb	Hebe ‘Midsummer Beauty’	300-400mm	2	CG 2L	Bushy.
Hh	Hedera helix ‘Hibernica’	300-400mm	6	CG 2L	Minimum 2 breaks from base. (ST)
Hc	Hypericum calycinum	200-300mm	6	CG 1L	Bushy. (ST)
Lm	Lavandula angustifolia ‘Munstead’	150-200mm	5	CG 1.5L	Dead head after flowering. Bushy. 5 breaks in lower third.
Lp	Lonicera pileata	200-300mm	4	CG 3L	Foliage covering compact plants.
Ma	Mahonia aquifolium ‘Apollo’	200-300mm	5	CG 3L	Main leader well branched. (ST)
Pol	Prunus laurocerasus ‘Otto Luyken’	300-400mm	4	CG 3L	Bushy. 3 breaks in lower third. (ST)
Pz	Prunus laurocerasus ‘Zabeliana’	300-400mm	4	CG 2L	Bushy. 3 breaks in lower third. (ST)
Pog	Pyracantha ‘Orange Glow’	0.8m-1m	4	CG 5L	3 breaks in lower third.

Rk	Rosa 'Kent'	300-400mm	4	CG 2L	Bushy.
Sc	Salix caprea	600-800mm	2	BR 0/1	Cut back by half on planting.
Vd	Viburnum davidii	300-400mm	5	CG 3L	Bushy. 3 breaks in lower third. (ST)
To be planted in single species groups as shown on the planting plan. Mulch planting areas with 50mm deep wood bark mulch. <b>ST</b> : shade tolerant species.					
<b>Climbers</b>					
Code	Species	Size	Spacing as shown	BR/RB/CG	Notes
Hgm	Hedera canariensis 'Gloire de Marengo'	600-800mm	1	CG 2L	Self-clinging.
Hp	Hydrangea anomala petiolaris	300-400mm	1	CG 2L	Self-clinging.
Ptv	Parthenicissus tricuspidata 'Veitchii'	600-800mm	1	CG 2L	Self-clinging.
Remove canes. Lean plant towards climbing surface and encourage to cling.					
<b>Grassland</b>					
Type		Mix		Notes	
Amenity grass		Emorsgate Seed Mix EG22 (or similar approved).		Wear tolerant turfgrass mixture, sown at 25g/m2.	
Wildflower grassland		Emorsgate Seed Mix EM2 (or similar approved).		Standard general-purpose meadow mixture, sown at 4g/m2.	
Wet grassland		Emorsgate Seed Mix EM8 (or similar approved).		Meadow mixture for seasonal wetlands, sown at 4g/m2.	