

NATIVE TREE PLANTING

Species	Form	Girth (cm)	Height cm	Clear stem (cm)	Root condition
Acer Campestre	EHS	14-16	300-350	Min 200	85L
Alnus glutinosa	EHS	14-16	400-450	175-200	85L
Betula pendula	EHS	14-16	300-350	175-200	85L
Carpinus betulus	EHS	14-16	250-300	175-200	85L
Malus sylvestris	EHS	14-16	250-300	175-200	85L
Populus alba	EHS	14-16	300-350	175-200	85L
Prunus avium	EHS	14-16	300-350	175-200	85L
Quercus robur	EHS	14-16	350-425	175-200	85L
Tilia cordata	EHS	14-16	300-350	175-200	85L

THORNY SCRUB PLANTING MIX

To be planted 1/m²

Species	Mix %	Height cm	Form	Age	Root condition
Cornus sanguinea	20%	60-80	Branched	1+1	BR
Crataegus monogyna	20%	60-80	Branched	1+1	BR
Ilex aquifolium	10%	60-80	Branched	-	BR
Ligustrum vulgare	10%	40-60	Branched	O/2	2L
Prunus spinosa	10%	40-60	Branched	1+1	2L
Rosa canina	20%	40-60	Branched	1+1	BR
Sambucus nigra	10%	60-80	Branched	1+1	BR

NATIVE SHRUB MIX

Species	Mix %	Height cm	Form	Age	Root condition
Corylus avellana	20%	80-100	Branched	1+2	B
Crataegus monogyna	10%	80-100	Branched	1+1	B
Eunonymus europaeus	10%	60-80	Branched	1+2	B
Ilex aquifolium	10%	60-80	Leader with laterals	-	3L
Prunus domestica	10%	60-80	Branched	1+1	B
Prunus spinosa	10%	60-80	Branched	1+1	B
Rosa canina	10%	60-80	Branched	1+1	B
Viburnum lantana	10%	60-80	Branched	1+2	B

TUSSOCK GRASS MIX

Emorsgate EG10 has been devised to create areas of tussocky grassland that, once established, require little or no maintenance. Mixture to be sown at a rate of 5g/m².

Grasses		
2.5	Alopecurus pratensis	Meadow Foxtail (w)
25	Cynosurus cristatus	Crested Dogtail
20	Dactylis glomerata	Cocksfoot (w)
2.5	Deschampsia cespitosa	Tufted Hair-grass (w)
25	Festuca rubra	Strong-creeping Red-fescue
2.5	Holcus lanatus	Yorkshire Fog
12.5	Schedonorus arundinaceus - (Festuca arundinacea)	Tall Fescue (w)
10	Schedonorus pratensis - (Festuca pratensis)	Meadow Fescue (w)
100		

LONG MEADOW MIX FOR CLAY SOILS

Mixture to be sown at a rate of 4g/m².

%	Latin Name	Common Name
Wildflowers		
12	Achillea millefolium	Yarrow
0.2	Agrimonia eupatoria	Agrimony
0.1	Betonica officinalis	Betony
3.0	Centaurea nigra	Common Knapweed
0.4	Daucus carota	Wild Carrot
1.5	Galium verum	Meadowseet
0.3	Filipendula ulmaria	Lady's Bedstraw
1.5	Galium verum	Meadow Carne's-bill
0.4	Geranium pratense	Meadow Vechling
0.5	Lathyrus pratensis	Oxeye Daisy
1.0	Leucantemum vulgare	Birdsfoot Trefoil
0.2	Lotus corniculatus	Musk Mallow
2.5	Malva moschata	Ribwort Plantain
4.1	Plantago lanceolata	Cowslip
0.2	Primula veris	Meadow Buttercup
1.6	Ranunculus acris	Yellow Rattle
0.2	Rumex acetosa	Common Sorrel
0.1	Silium silaus	Pepper Saxifrage
1.0	Silene flos-cuculis	Ragged Robbin
19.7		
Grasses		
1.0	Agrostis capillaris	Common Bent
2.0	Anthoxanthum odoratum	Sweet Vernal-grass
2.0	Briza media	Quaking Grass
64.0	Cynosurus cristatus	Crested Dogtail
10	Festuca rubra	Red Fescue
10	Trisetum flavescens	Yellow Oat-grass
80		

NATIVE HEDGEROW

To be planted in triple staggered row 0.6m offset, with 9 plants per linear meter

Species	Mix %	Height cm	Form	Age	Root condition
Crataegus monogyna	40%	60-80	Branched	1+1	B
Eunonymus europaeus	15%	60-80	Branched	1+2	B
Ilex aquifolium	15%	60-80	Leader with Laterals	-	3L
Prunus spinosa	20%	60-80	Branched	1+1	B
Rosa canina	10%	60-80	Branched	1+1	B

NATIVE MARGINAL PLANTING MIX

Species	Mix %	Type	Root condition	Density per m2
Alisma-Plantago-aquatica	20%	Marginal	5Occ min	9
Caltha palustris	20%	Submerged	1L	5
Carex pendula	5%	Tall emergent	1L	2
Iris pseudacorus	5%	Marginal	1L	4
Juncus effusus	10%	Tall emergent	2L	5
Mentha aquatica	5%	Submerged	1L	3
Veronica beccabunga	5%	Marginal	2L	3

NATIVE WOODLAND & SHRUB MIX

To be planted at 1m centres

Species	Mix %	Girth (cm)	Height (cm)	Form	Age	Root Condition
Alnus glutinosa	15	-	100-125	Transplant	1+1	B
Corylus avellana	15	-	60-80	Branched	1+2	B
Corylus avellana (s)	5	6-8	230-300	Standard	5+	B
Crataegus monogyna	20	-	60-80	Branched	1+1	B
Ilex aquifolium	10	-	60-80	Leader with laterals	-	3L
Quercus robur	10	-	100-125	Transplant	1+2	B
Salix caprea	15	-	60-80	Branched	1+2	B
Sorbus aucuparia	10	-	100-125	Transplant	1+1	B

Note: mixes to be planted in an evenly spaced but irregular pattern (i.e. no grids or lines) in single species groups with approximately 5-9 plants per group.



MEADOW MIXTURE FOR WETLANDS

Mixture to be sown at a rate of 4g/m².

%	Latin Name	Common Name
Wildflowers		
0.5	Achillea millefolium	Yarrow
0.2	Achillea ptarmica	Sneezewort
1	Betonica officinalis	Betony
2.5	Centaurea nigra	Common Knapweed
2	Filipendula ulmaria	Meadowseet
1.5	Galium verum	Lady's Bedstraw
0.4	Geum rivale	Water avens
0.6	Leucanthemum vulgare	Oxeye Daisy
0.8	Lotus pendunculatus	Greater Birdsfoot Trefoil
1	Plantago lanceolata	Ribwort Plantain
0.2	Primula veris	Cowslip
1.5	Prunella vulgaris	Selfheal
2.5	Ranunculus acris	Meadow Buttercup
1.5	Rhinanthus minor	Yellow Rattle
1.5	Rumex acetosa	Common Sorrel
1	Sanguisorba officinalis	Great Burnet
0.2	Silene flos-cuculi	Ragged Robin
0.6	Succisa pratensis	Devil's-bit Scabious
0.5	Vicia cracca	Tufted Vetch
20		
Grasses		
10	Agrostis capillaris	Common Bent
2	Alopecurus pratensis	Meadow Foxtail
2	Anthoxanthum odoratum	Sweet Vernal-grass
1	Briza media	Quaking Grass
32	Cynosurus cristatus	Crested Dogtail
1	Deschampsia cespitosa	Tufted Hair-grass
24	Festuca rubra	Slender-creeping Red-fescue
1	Hordeum secalinum	Meadow Barley
7	Schedonorus pratensis	Meadow Fescue
80		

KEY

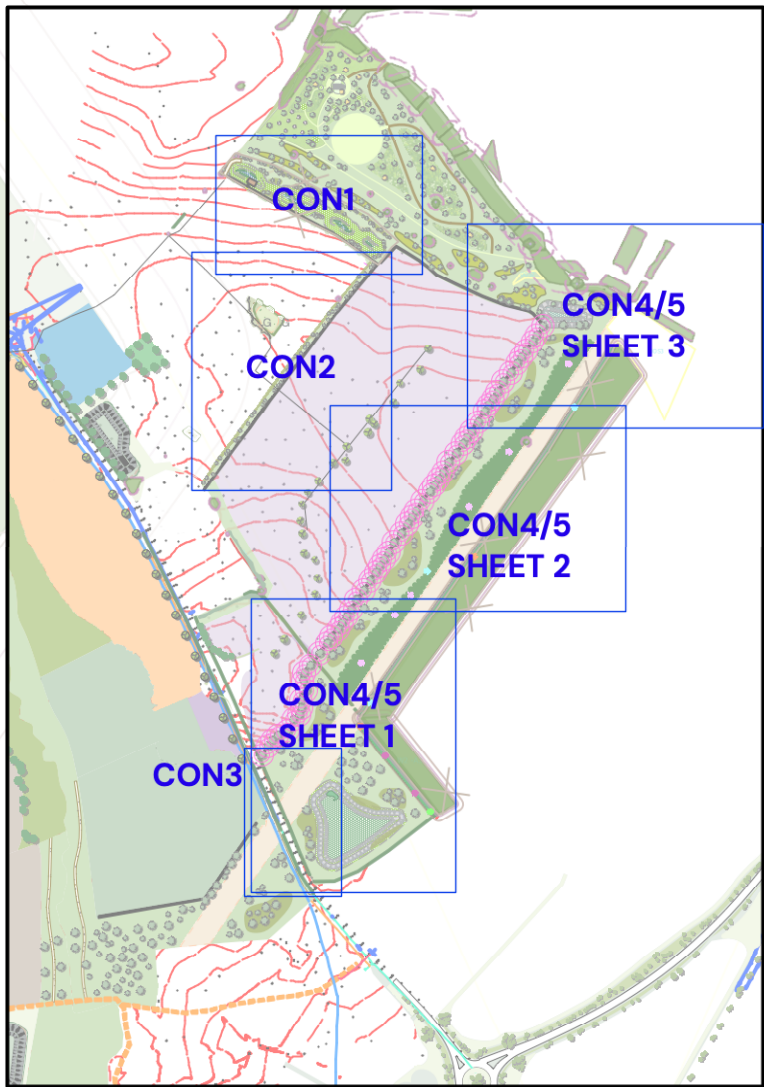
- Existing trees to be retained to BS5837
- Existing hedgerow to be retained and maintained to a minimum height of 2.5m strengthened with infill planting where required
- Proposed tree planting
- Proposed native shrub planting
- Proposed thorny scrub planting
- Proposed woodland and scrub planting to benefit bats and dormouse
- Proposed native hedgerow planting
- Proposed marginal planting
- 1.5m high post and wire fence
- 1.5m high post and rail fence
- 3m field gate entrance to Biss Wood
- Noticeboard at entrance to Biss Wood
 - The board is to be metal in construction and to include the following information:
 - Information on the space
 - Name and telephone number of the operator of the facility with an invitation to report any incident or damage

- Proposed long meadow grassland e.g. Emorsgate EM4
- Proposed tussocky grassland e.g. Emorsgate EM10
- Proposed wetland wildflower grassland e.g. Emorsgate EM8
- Attenuation pond with areas of permanently wet
- River Biss
- Footpath/Cyclepath
- Existing Public Right of Way
- Existing overhead power lines

Ecological Enhancements

- Butterfly bank
- Hibernacula for reptiles and amphibians
- Habitat pile for reptiles, amphibians and invertebrates
- Hibernaculum for Lesser Horseshoe Bats
- Barn owl box on tree or pole if no suitable trees

LOCATION PLAN



Revisions:
First Issue: 09/12/2022 ASK
A- (21/05/2024 ASK) Revised to client comment - additional fencing around SUDS Basin! Sheet 2 and 4 only
B- (26/01/2026 FS) Updated to LPA comments tree species
C- (17/03/2026 ASK) Update to LPA comments (hedgerow trees)

Detailed Planting Plans (Sheet 3 of 3)

West Ashton - Trowbridge CON4/5 Biss Wood Buffer

Client: Persimmon

DRWG No: P22-2219_EN_002

REV: C Sheet No: 3

Drawn by: ASK

Date: 17/03/2026

Approved by: ASK

Scale: 1:500 @A1

Pegasus Design