

Street Tree Planting - 1A

09	23.06.25	Issued for planning	JL	AS	MH	MH
08	28.05.25	Work in Progress	IDG	AS	MH	MH

Flowing Title: Phase 1B

Signed: OG	Signed Digitally Signed	Date 23.06.25
duced:	Signed	Date

Original Size: A1	Grid: OS	Datum: AOD
Author: G. G. G.	Grid: G. G. G.	Datum: G. G. G.

Drawing Number:	Revision:
10051123 - ABC-300 -	500

Meadow Rain Gardens		
Species (Latin)	Common Name	%
EM3 Special General Purpose Meadow Mixture (Emorsgate or acceptable equivalent)		
Seeding Rate (g/m²)		10
Wildflowers		20
<i>Agrimonia eupatoria</i>	Agrimony	0.4
<i>Anthyllis vulneraria</i>	Kidney Vetch	0.4
<i>Centaurea nigra</i>	Common Knapweed	1.6
<i>Centaurea scabiosa</i>	Greater Knapweed	0.6
<i>Chaerophyllum temulum</i>	Rough Chenil	0.1
<i>Cruciata laevipes</i>	Crosswort	0.4
<i>Daucus carota</i>	Wild Carrot	1.2
<i>Echium vulgare</i>	Viper's-bugloss	0.2
<i>Galium album</i>	Hedge Bedstraw	1
<i>Galium verum</i>	Lady's Bedstraw	0.8
<i>Geranium pratense</i>	Meadow Crane's-bill	0.1
<i>Knautia arvensis</i>	Field Scabious	1
<i>Lathyrus pratensis</i>	Meadow Vetchling	0.2
<i>Leucanthemum vulgare</i>	Oxeye Daisy	1
<i>Malva moschata</i>	Musk Mallow	2.4
<i>Medicago lupulina</i>	Black Medick	0.6
<i>Onobrychis vicifolia</i>	Sainfoin	0.2
<i>Origanum vulgare</i>	Wild Marjoram	0.4
<i>Plantago lanceolata</i>	Ribwort Plantain	2.2
<i>Plantago media</i>	Hoary Plantain	0.4
<i>Poterium sanguisorba ssp sanguisorba</i>	Salad Burnet	2
<i>Primula veris</i>	Cowslip	0.4
<i>Prunella vulgaris</i>	Selfheal	0.2
<i>Ranunculus bulbosus</i>	Bulbous Buttercup	0.4
<i>Sanguisorba officinalis</i>	Great Burnet	0.1
<i>Silene dioica</i>	Red Campion	1
<i>Silene vulgaris</i>	Bladder Campion	0.2
<i>Vicia cracca</i>	Tufted Vetch	0.3
<i>Vicia sativa ssp. Segetalis</i>	Common Vetch	0.2
Grasses		80
<i>Agrostis capillaris</i>	Common Bent	8
<i>Cynosurus cristatus</i>	Crested Dogstail	28
<i>Festuca rubra</i>	Red Fescue	24
<i>Phleum bertolonii</i>	Smaller Cat's-tail	4
<i>Poa pratensis</i>	Smooth-stalked Meadow-grass	16

Ornamental Rain Gardens - Typical species

Species (Latin)	Common Name	%
Achillea millefolium		
Yarrow		2
Achillea 'Walther Funcke'		
Yarrow		2
Betonica officinalis 'Hummelo'		
Betony		2
Carex oshimensis 'Everest'		
Japanese Sedge		20
Carex oshimensis 'Everillo'		
Japanese Sedge		10
Sedum herbstfruede (Hylotelephium spectabile)		
Stonecrop		2
Monarda didyma 'Bee Lieve'		
Bergamot		2
Hakonechloa macro 'Aureola'		
Golden Hakonechloa		20
Kniphofia 'Little Maid'		
Red Hot Poker		5
Kniphofia 'Poco Red'		
Red Hot Poker		5
Imperata cylindrica 'Rubra'		
Japanese Blood Grasses		10
Geranium 'Light Dillys'		
Cranebill		2
Geranium 'Rozanne'		
Cranebill		2
Festuca glauca 'Blaufuchs'		
Blue Fescue		8
Nepeta x faassenii		
Cat Mint		5
Carex buchananii 'Red Rooster'		
Sedge		5

Specimen Tree Planting - 1B

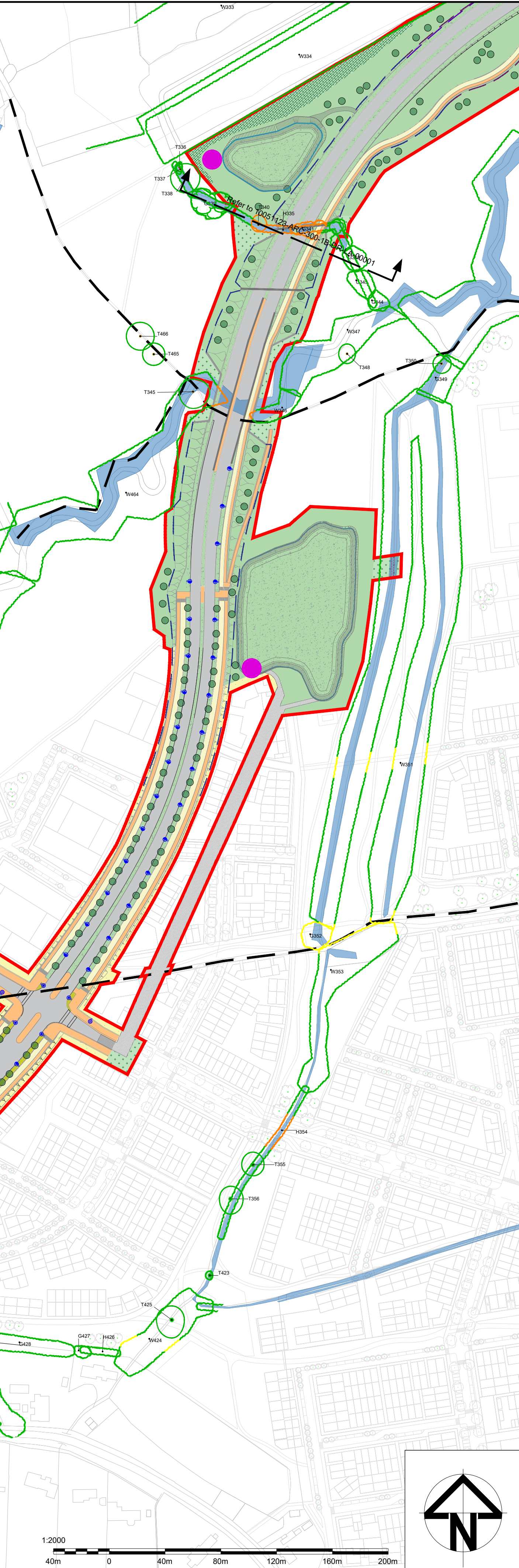
as	SUDS	Girth (cm)	Height (cm)	Clear stem (cm)
ampestre (Field Maple)	Y	20 to 25	600-700	250 min
ampestre 'William Caldwell' (Field Maple)	Y	20 to 25	600-700	250 min
freemanii (Freeman Maple)	Y	20 to 25	600-700	250 min
pendula (Birch)	Y	18 to 20	500-600	220 min
us betulus (Hornbeam)	Y	20 to 25	600-700	250 min
is avellana (Hazel)	N	18 to 20	500-600	220 min
uilfolium (Holly)	Y	18 to 20	500-600	220 min
ndron tulipifera (Tulip Tree)	Y	20 to 25	600-700	250 min
s avium (Wild Cherry)	Y	20 to 25	600-700	250 min
s avium 'Plena' (Wild Cherry)	N	20 to 25	600-700	250 min
s spinosa (Blackthorn)	Y	18 to 20	500-600	220 min
us frainetto (Hungarian Oak)		20 to 25	600-700	250 min
us robur (Penduculate Oak)	Y	20 to 25	600-700	250 min
s aucuparia (Rowan)	Y	18 to 20	500-600	220 min
ordata 'Greenspire' (Small Leaved Lime)	Y	20 to 25	600-700	250 min
'New Horizon' (Elm)	Y	20 to 25	600-700	250 min

Grass Seeding		
EM10 Tussock Meadow Mixture (Emorsgate or acceptable equivalent)		EM10
Seeding Rate (g/m²)		10
Species		%
Wild Flowers		20
Achillea millefolium (Yarrow)		
0.8		0.8
Agrimonia eupatoria (Agrimony)		
0.4		0.4
Arctium minus (Lesser Burdock)		
0.1		0.1
Centaurea nigra (Common Knapweed)		
1.4		1.4
Centaurea scabiosa (Greater Knapweed)		
1.0		1.0
Chaerophyllum temulum (Rough Chenil)		
0.8		0.8
Cruciata laevipes (Crosswort)		
0.5		0.5
Daucus carota (Wild Carrot)		
1.0		1.0
Dipsacus fullonum (Wild Teasel)		
1.6		1.6
Filipendula ulmaria (Meadowsweet)		
0.8		0.8
Galium album (Hedge Bedstraw)		
1.8		1.8
Knautia arvensis (Field Scabious)		
0.8		0.8
Leucanthemum vulgare (Oxeye Daisy)		
1.6		1.6
Lotus corniculatus (Birdsfoot Trefoil)		
0.4		0.4
Malva moschata (Musk Mallow)		
1.6		1.6
Plantago lanceolata (Ribwort Plantain)		
1.8		1.8
Poterium sanguisorba (Salad Burnet)		
1.6		1.6
Silene dioica (Red Campion)		
1.0		1.0
Vicia cracca (Tufted Vetch)		
0.4		0.4
Tussock grasses		80
Alopecurus pratensis (Meadow Foxtail)		
4.0		4.0
Cynosurus cristatus (Crested Dogstail)		
20.0		20.0
Dactylis glomerata (Cocksfoot)		
16.0		16.0
Festuca rubra ssp rubra (Strong-creeping Red Fescue)		
12.0		12.0
Holcus lanatus (Yorkshire Fog)		
8.0		8.0
Lolium perenne (Perennial Ryegrass)		
4.0		4.0
Poa pratensis (Smooth-stalked Meadow-grass)		
6.4		6.4
Schedonorus arundinaceus (Tall Fescue)		
9.6		9.6

Ditches		
EP1F Wild Flowers for Pond Edges (Emorsgate or acceptable equivalent)		EM8
Seeding Rate (g/m²)		10
Species		%
Wild Flowers		20
Angelica sylvestris (Wild Angelica)		
5.00		5.00
Centurea nigra (Common Knapweed)		
12.00		12.00
Dipsacus fullonum (Wild teasel)		
3.00		3.00
Eupatorium cannabinum (Hemp Agrimony)		
1.00		1.00
Filipendula ulmaria (Meadowsweet)		
10.00		10.00
Galium album (Hedge Bedstraw)		
5.00		5.00
Geum rivale (Water Avens)		
3.00		3.00
Iris pseudacorus (Yellow Iris)		
20.20		20.20
Lathyrus pratensis (Meadow Vetchling)		
4.00		4.00
Lythrum salicaria (Purple Loosestrife)		
1.50		1.50
Lycopus europaeus (Gypsywort)		
0.50		0.50
Oenanthe pimpinelloides (Corky-fruited Water-dropwort)		
1.00		1.00
Plantago lanceolata (Ribwort Plantain)		
3.00		3.00
Prunella vulgaris (Selfheal)		
4.00		4.00
Ranunculus acris (Meadow Buttercup)		
5.00		5.00
Silene dioica (Red Campion)		
14.00		14.00
Silene flos-cuculi (Ragged Robin)		
6.00		6.00

Grass Swales & Attenuation Ponds		
EM8 Meadow Mixture for Wetlands (Emorsgate or acceptable equivalent)		EM8
Seeding Rate (g/m²)		10
Species		%
Flowers		20
Achillea millefolium (Yarrow)		
2.00		2.00
Agrimonia eupatoria (Agrimony)		
0.60		0.60
Centaurea nigra (Common Knapweed)		
3.80		3.80
Filipendula ularia (Meadowsweet)		
1.00		1.00
Galium verum (Lady's Bedstraw)		
2.00		2.00
Geum rivale (Water Avens)		
0.20		0.20
Lathyrus pratensis (Meadow Vetchling)		
0.50		0.50
Leontodon hispidus (Rough Hawkbit)		
0.10		0.10
Leucanthemum vulgare (Oxeye Daisy (Moon Daisy))		
1.20		1.20
Lotus corniculatus (Birdsfoot Trefoil)		
0.10		0.10
Lotus pedunculatus (Greater Birdsfoot Trefoil)		
0.40		0.40
Plantago lanceolata (Ribwort Plantain)		
3.20		3.20
Primula veris (Cowslip)		
0.20		0.20
Prunella vulgaris (Selfheal)		
0.10		0.10
Ranunculus acris (Meadow Buttercup)		
0.40		0.40
Rhinanthus minor (Yellow Rattle)		
1.40		1.40
Rumex acetosa (Common Sorrel)		
1.20		1.20
Sanguisorba officinalis (Great Burnet)		
1.00		1.00
Silene flos-cuculi (Ragged Robin)		
0.30		0.30
Succisa pratensis (Devil's-bit Scabious)		
0.10		0.10
Vicia cracca (Tufted Vetch)		
0.40		0.40
Tussock grasses		80
Agrostis capillaris (Common Bent)		
4.00		4.00
Anthoxanthum odoratum (Sweet Vernal-grass)		
4.00		4.00
Carex divulsa subsp. divulsa (Grey Sedge)		
1.60		1.60
Cynosurus cristatus (Crested Dogstail)		
34.4		34.4
Deschampsia cespitosa (Tufted Hair-grass)		
1.60		1.60
Festuca rubra (Red Fescue)		
20.0		20.0
Hordeum secalinum (Meadow Barley)		
4.00		4.00
Poa trivialis (Rough-stalked Meadow-grass)		
8.00		8.00
Schedonorus arundinaceus (Tall Fescue)		
2.40		2.40

Enhancement of Existing Vegetation to Other Neutral Grassland		
Species (Latin)	Common Name	%
EM Wildflower Meadow Mixture (Emorsgate or acceptable equivalent)		
Seeding Rate (g/m²)		10
Wildflowers		15
Achillea millefolium		
Yarrow		0.75
Betonica officinalis		
Betony		0.75
Centurea nigra		
Common Knapweed		2.25
Daucus carota		
Wild Carrot		1.5
Galium verum		
Lady's Bedstraw		0.4
Geranium pratense		
Meadow Crane's-bill		0.4
Leucanthemum vulgare		
Oxeye Daisy		1.35
Plantago lanceolata		
Ribwort Plantain		1.5
Poterium sanguisorba ssp sanguisorba		
Salad Burnet		1.5
Grasses		85
Agrostis capillaris		
Common Bent		8.5
Cynosurus cristatus		
Crested Dogstail		29.75
Festuca rubra		
Red Fescue		25.5
Phleum bertolonii		
Smaller Cat's-tail		4.25
Poa nemoralis		
Wood Meadow-grass		17



LANDSCAPE KEY
