

KEY

- Planning Red Line
- Existing trees and hedgerow to be retained to BS 5837 with RPA indicated by pink dashed line
- Existing trees and hedgerow to be removed indicated by red dashed line
- Existing planting associated with Eastern Gateway (Planning Ref: 172934) and R10/R14 Link Road applications (Planning Ref: 240892)
- Easement for underground cables

Urban Tree

- Proposed feature tree planting
- Proposed tree planting within POS
- Proposed tree planting to contribute to streetscape
- Proposed focal tree within streetscape

Native Hedgerow

- Proposed native species rich hedgerow planting
- Proposed native species rich hedgerow planting with trees
- Proposed native hedgerow planting

Mixed Scrub

- Proposed native shrub planting

Lowland Mixed Deciduous Woodland

- Proposed woodland planting
- Proposed woodland edge herbaceous planting
- Semi-shade tolerant grassland meadow

Sustainable Urban Drainage Systems

- Proposed native shrub planting tolerant of wetland species
- Proposed attenuation basin (upper banks to be sown with tussocky grassland and lower slopes and base to be sown with wetland meadow)
- Proposed wetland scape with marginal planting

Urban Ornamental Planting

- Entrance feature ornamental planting

Other Neutral Grassland

- Tussocky grassland
- Wildflower meadow
- Proposed bulb planting

URBAN TREES

Species	Girth (cm)	Height (cm)	Form	Clear Stem (cm)	Container Size
Acer campestre	14–16	400–450	Extra Heavy Standard	Min 200	RB
Acer pseudoplatanus	14–16	400–450	Extra Heavy Standard	Min 200	RB
Alnus glutinosa	14–16	400–450	Extra Heavy Standard	Min 200	RB
Amelanchier lamarckii	14–16	300–350	Extra Heavy Standard	175–200	RB
Betula pedula	14–16	400–450	Extra Heavy Standard	Min 200	RB
Carpinus betulus	14–16	400–450	Extra Heavy Standard	Min 200	RB
Carpinus betulus 'Frans Fontaine'	14–16	400–450	Extra Heavy Standard	Min 200	RB
Gleditsia triacanthos 'Sunburst'	14–16	400–450	Extra Heavy Standard	175–200	RB
Liriodendron tulipifera	18–20	450–500	Extra Heavy Standard	Min 200	RB
Malus floribunda	14–16	400–450	Extra Heavy Standard	175–200	RB
Prunus avium	14–16	400–450	Extra Heavy Standard	175–200	RB
Quercus robur	10–12	300–350	Feathered	-	RB
Sorbus aucuparia	14–16	400–450	Extra Heavy Standard	175–200	RB
Tilia cordata	14–16	400–450	Extra Heavy Standard	175–200	RB

PROPOSED STREET TREES WITHIN POS

Species	Girth (cm)	Height (cm)	Form	Clear Stem (cm)	Container Size
Acer campestre 'William Caldwell'	14-16	400-450	Extra Heavy Standard	Min 200	RB
Carpinus betulus 'Lucas'	14–16	400–450	Extra Heavy Standard	Min 200	RB
Liriodendron tulipifera	16–18	450–500	Extra Heavy Standard	Min 200	RB
Pyrus calleryana 'Chaticleer'	14–16	400–450	Extra Heavy Standard	175–200	RB
Tilia Cordata 'Rancho'	16–18	450–500	Extra Heavy Standard	Min 200	RB
Ulmus 'New Horizon'	16–18	400–450	Extra Heavy Standard	Min 200	RB

PROPOSED NATIVE HEDGEROW PLANTING (BOUNDARY HEDGEROW TO APARTMENTS)

To be planted at 5 per linear meter in a single row

Species	Mix %	Height (cm)	Form	Age / Times Transplanted	Root Condition
Carpinus betulus	50	60–80	Transplant	1+1	B
Fagus sylvatica	50	60–80	Transplant	1+2	B

PROPOSED SPECIES RICH NATIVE HEDGEROW PLANTING

To be planted at 5 plants per linear metre in a double staggered row, rows will be 40cm apart or as appropriate where infilling gaps in existing hedgerows.

Species	Mix %	Height (cm)	Specification	Root Condition
Carpinus betulus	10	100–125	1+2; Feathered	B
Corylus avellana	10	80–100	1+2; Transplant; Branched; 4 breaks	B
Crataegus monogyna	45	100–125	1+2; Transplant	B
Ilex aquifolium	2.5	80–100	Leader with laterals	3L
Prunus spinosa	5	100–125	1+2; Transplant	B
Rosa canina	2.5	60–80	1+1; Transplant' branched; 3 breaks	B
Salix caprea	15	80–100	0/1 Transplant	B
Quercus robur	10	100–125	1+2 Transplant	B

PROPOSED NATIVE SHRUB PLANTING

To be planted at 1 per m²

Species	Mix %	Height (cm)	Specification	Root Condition
Acer campestre	10			
Carpinus betulus	10			
Corylus avellana	15			
Crataegus monogyna	45			
Ilex aquifolium	2.5			
Rosa canina	2.5	60–80	1+1; Transplant' branched; 3 breaks	B
Viburnum opulus	15			

PROPOSED WOODLAND PLANTING

To be planted at 2m spacing

Species	Mix (%)	Girth	Height (cm)	Form	Root condition
Acer campestre	15	6–8	250–300	Feathered; 5 breaks	B
Betula pubescens	10	6–8	250–300	Feathered; 5 breaks	B
Corylus avellana	10	–	60–80	Transplant; 1+2	B
Crataegus monogyna	20	–	60–80	Transplant; 1+1	B
Ilex aquifolium	5	–	60–80	Leader with laterals	3L
Malus sylvestris	15	6–8	250–300	Feathered; 5 breaks	B
Prunus avium	15	–	250–300	Feathered; 5 breaks	B
Salix caprea	10	–	60–80	Cutting; 0/1	B

ORNAMENTAL ENTRANCE PLANTING

Species	Pot Size	Density (per m²)
Brunnera macrophylla 'Jack Frost'	3L	3
Eryngium 'Neptunes Gold'	3L	4
Rosmarinus 'Miss Jessops'	3L	3

TUSSOCK GRASS MIXTURE

Emorsgate EG10 Tussock Grass Mixture Mixture to be sown at a rate of 5g/m2.

%	Latin name	Common name
	Grasses (100%)	
5	Alopecurus pratensis	Meadow Foxtail (w)
25	Cynosurus cristatus	Crested Dogstail
20	Dactylis glomerata	Cocksfoot (w)
15	Festuca rubra ssp rubra	Strong-creeping Red-fescue
10	Holcus lanatus	Yorkshire Fog
5	Lollium perenne	Perennial Ryegrass (w)
8	Poa pratensis	Smooth-stalked Meadow grass
12	Schedonorus arundinaceus - (Festuca arundinacea)	Tall Fescue (w)

SEMI-SHADE HERBACOUS PLANTING

To be planted at 4m/2

Species	Mix %	Pot Size
Ajuga reptans	10	1.5-2L
Anemone nemorosa	10	1.5-2L
Asplenium scolopendrium	10	1.5-2L
Dryopteris filix-mas	10	1.5-2L
Geranium sanguineum	10	1.5-2L
Hyacinthoides non-scripta	10	9+ (topsize, bulb)
Oxalis acetosella	10	9cm
Polygonatum multiflorum	10	1.5-2L
Primula vulgaris	10	1.5-2L
Vinca minor	10	1.5-2L

PROPOSED WET TOLERANT SHURB PLANTING

To be planted at 1 per m²

Species	Mix %	Height (cm)	Form	Age / Times Transplanted	Root Condition
Cornus sanguinea	20	60–80	Transplant	1+1	B
Corylus avellana	15	60–80	Transplant	1+2	B
Crataegus monogyna	20	60–80	Transplant	1+1	B
Frangula alnus	10	60–80	Transplant	1+1	B
Salix cinerea	15	60–80	Cutting	0/1	B
Viburnum opulus	20	60–80	Transplant	1+2	B

PROPOSED MARGINAL PLANTING TO WETLAND SCRAPES

To be planted at 5 per m²

Species	Height (cm)	Form	Root Condition
Caltha palustris	-	Full Pot	1L
Dryopteris filix-mas	-	Full pot	1L
Filipendula ulmaria	-	Full pot	2L
Iris pseudacorus	-	Full pot	2L
Juncus effusus	-	Full pot	2L
Luzula nivea	-	Full pot	2L

BULB PLANTING

Species	Size	Density (m2)
Galanthus nivalis	6/+ (Topsize)	20
Narcissus pseudonarcissus	7/+ (Topsize)	20
Tulip sylvestris	6/+ (Topsize)	20

EMORSGATE EL1 FLOWERING LAWN MIXTURE

Emorsgate EL1 Flowering Lawn Mixture to be sown at a rate of 4g/m2.

%	Latin name	Common name
	Wildflowers (20%)	
1	Achillea millefolium	Yarrow
1	Anthyllis vulneraria	Kidney Vetch
0.4	Betonica officinalis	Betony
1.5	Centurea nigra	Common Knapweed
0.4	Galium album	Hedge Bedstraw
1.5	Galium verum	Lady's Bedstraw
0.4	Knautia arvensis	Field Scabious
0.4	Leontodon hispidus	Rough Hawkbit
1	Leucanthemum vulgare	Oxeye Daisy
0.6	Lotus corniculatus	Birdsfoot Trefoil
1	Medicago lupulina	Black Medick
0.4	Plantago lanceolata	Ribwort Plantain
2	Plantago media	Hoary Plantain
2	Primula veris	Cowslip
0.4	Prunella vulgaris	Selfheal
0.4	Ranunculus acris	Meadow Buttercup
1.6	Ranunculus bulbosus	Bulbous Buttercup
4	Trifolium repens	White Clover (ag)
	Grasses (80%)	
8	Agrostis capillaris	Common Bent
28	Cynosurus cristatus	Crested Dogstail
24	Festuca rubra	Red Fescue
4	Phleum bertolonii	Smaller Cat's-tail
16	Poa pratensis	Smooth-stalked Meadow-grass

WILDFLOWER MEADOW MIX

Emorsgate EM3 Special General Purpose Meadow Mixture -Mixture to be sown at a rate of 4g/m2.

%	Latin Name	Common Name
	Wildflowers (20%)	
0.4	Anthyllis vulneraria	Kidney Vetch
1.6	Centaurea nigra	Common Knapweed
0.6	Centaurea scabiosa	Greater Knapweed
0.1	Chaerophyllum temulum	Rough Chervil
0.4	Cruciata laevipes	Crosswort
1	Daucus carota	Wild Carrot
0.2	Echium vulgare	Viper's-bugloss
1	Galium album	Hedge Bedstraw
0.7	Galium verum	Lady's Bedstraw
0.1	Geranium pratense	Meadow Crane's-bill
0.8	Knautia arvensis	Field Scabious
0.2	Lathyrus pratensis	Meadow Vetchling
1	Leucanthemum vulgare	Oxeye Daisy
2.4	Malva moschata	Musk Mallow
0.6	Medicago lupulina	Black Medick
0.4	Origanum vulgare	Wild Marjoram
2.2	Plantago lanceolata	Ribwort Plantain
0.4	Plantago media	Hoary Plantain
2	Poterium sanguisorba ssp sanguisorba	Salad Burnet
0.4	Primula veris	Cowslip
0.2	Prunella vulgaris	Selfheal
1.4	Rhinanthus minor	Yellow Rattle
0.2	Sanguisorba officinalis	Great Burnet
1	Silene dioica	Red Campion
0.2	Silene vulgaris	Bladder Campion
0.3	Vicia cracca	Tufted Vetch
0.2	Vicia sativa ssp sogetalis	Common Vetch
	Grasses (80%)	
8	Agrostis capillaris	Common Bent
28	Cynmosurus cristatus	Crested Dogstail
24	Festuca rubra	Red Fescue
4	Phleum bertolonii	Smaller Cat's-tail
16	Poa pratensis	Smooth-stalked Meadow-grass

WETLAND MEADOW MIX FOR THE BASE OF BASINS

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

%	Latin Name	Common Name
	Wildflowers (20%)	
2	Achillea millefolium	Yarrow
0.6	Agrimonia eupatoria	Agrimony
3.6	Centaurea nigra	Common Knapweed
1	Filipendula ularia	Meadowsweet
2	Galium verum	Lady's Bedstraw
0.2	Geum rivale	Water avens
0.5	Lathyrus pratensis	Meadow Vetchling
0.1	Leontodon hispidus	Rough Hawkbit
1.2	Leucanthemum vulgare	Oxeye Daisy (Moon Daisy)
0.1	Lotus corniculatus	Birdsfoot Trefoil
0.4	Lotus pendunculatus	Greater Birdsfoot Trefoil
3.2	Plantago lanceolata	Ribwort Plantain
0.2	Primula veris	Cowslip
0.1	Prunella vulgaris	Selfheal
0.4	Ranunculus acris	Meadow Buttercup
1.4	Rhinanthus minor	Yellow Rattle
1.2	Rumex acetosa	Common Sorrel
1	Sanguisorba officinalis	Great Burnet
0.3	Silene flos-cuculi	Ragged Robin
0.1	Succisa pratensis	Devil's-bit Scabious
0.4	Vicia cracca	Tufted Vetch
	Grasses (80%)	
4	Agrostis capillaris	Common Bent (w)
4	Anthoxanthum odoratum	Sweet Vernal-grass (w)
2	Carex divulsa ssp divulsa	Grey Sedge (w)
38.4	Cynosurus cristatus	Crested Dogstail
1.6	Deschampsia cespitosa	Tufted Hair-grass (w)
20	Festuca rubra	Red Fescue
4	Hordeum secalinum	Meadow Barley (w)
8	Poa trivalis	Rough-stalked Meadowgrass
2.4	Schedonorus arundinaceus	Tall Fescue

SEMI-SHADE GRASS MIX

Emorsgate EH1 Hedgerow Meadow Mixture Mixture to be sown at a rate of 4g/m2.

%	Latin Name	Common Name
	Wildflowers (20%)	
0.1	Achillea millefolium	Yarrow
1	Alliaria petiolata	Garlic Mustard
0.5	Anthriscus sylvestris	Cow Parsley
1.5	Carex divulsa ssp divulsa	Grey Sedge
2	Centaurea nigra	Common Knapweed
3	Chaerophyllum temulum	Rough Chervil
2	Cruciata laevipes	Crosswort
0.2	Dipsacus fullonum	Wild Teasel
0.5	Galium album	Hedge Bedstraw
0.1	Geranium pratense	Meadow Crane's-bill
1	Geranium pyreniacum	Hedge Crane's-bill
0.3	Geum urbanum	Wood Avens
0.2	Knautia arvensis	Field Scabious
1	Leucanthemum vulgare	Oxeye Daisy
1	Malva moschata	Musk Mallow
2	Plantago lanceolata	Ribwort Plantain
3	Silene dioica	Red Campion
0.5	Silene flos-cuculi	Ragged Robin
0.1	Torilis japonica	Upright Hedge-parsley
	Grasses (80%)	
1	Agrostis capillaris	Common Bent (w)
2	Anthoxanthum odoratum	Sweet Vernal-grass (w)
1	Brachypodium sylvaticum	False Brome (w)
50	Cynosurus cristatus	Crested Dogstail
2	Deschampsia cespitosa	Tufted Hair-grass (w)
20	Festuca rubra	Red Fescue (w)
4	Poa nemoralis	Wood Meadow-grass

Parcel R10 - Phase 2B South Wokingham Strategic Development Location
Detailed Public Open Space Soft Landscape Proposals

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