

THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH THE FOLLOWING DRAWINGS: P24-2114_EN_02F R10 Detailed On-Plot (Sheet 1 - 7) P24-2114_EN_08F Detailed POS Hard Landscaping Plans P24-2114_EN_10 Tree Pit Details P24-2114_EN_13 Boundary Treatment and Street Furniture P21-2214_EN_06A R10 NBS

EXISTING TREES AND HEDGEROW ON SITE THAT FORM PART OF THE WBC WORKS AND ARE ALLOCATED AS BEING MOVED AS PART OF THESE WORKS ARE TO IDENTIFIED AND MARKED ON SITE, WITH SPECIES CONFIRMED PRIOR TO BEING MOVED. TREE RELOCATION IS TO BE SUPERVISED BY A SUITABLY QUALIFIED ARBORICULTURALIST.

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- 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: 72204 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
 - Indicative area to achieve 20m³ of soil volume for trees within basin
 - 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 meadow
 - 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
 - Modified Grassland**
 - Amenity grassland

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 pubescens	14-16	400-450	Extra Heavy Standard	Min 200	RB
Carpinus betulus	14-16	400-450	Extra Heavy Standard	Min 200	RB
Cornus sanguinea	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	Min 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	14-16	400-450	Extra Heavy Standard	Min 200	RB
Carpinus betulus	14-16	400-450	Extra Heavy Standard	Min 200	RB
Liriodendron tulipifera	18-20	450-500	Extra Heavy Standard	Min 200	RB
Pyrus calleryana 'Chanticleer'	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
Cornus sanguinea	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
Juniperus effusus	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

REPLACEMENT NATIVE HEDGEROW WBC MIX

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
Corylus avellana	10	40-60	1+1: Transplant	B
Crataegus monogyna	40	40-60	1+1: Transplant	B
Ilex aquifolium	10	40-60	1+0: Transplant	RB
Malus sylvestris	10	40-60	1+1: Transplant	RB
Prunus spinosa	20	60-80	1+1: Transplant	B
Viburnum opulus	10	40-60	1+1: Transplant	B

PROPOSED NATIVE SHRUB PLANTING

To be planted at 1 per m²

Species	Mix %	Height (cm)	Specification	Root Condition
Acer campestre	10	60-80	1+1: Transplant	B
Carpinus betulus	10	60-80	1+1: Transplant	B
Corylus avellana	15	40-60	1+2: Transplant branched; 3 breaks	B
Crataegus monogyna	45	60-80	1+1: Transplant	B
Ilex aquifolium	2.5	60-80	Leader with laterals	3L
Rosa canina	2.5	60-80	1+1: Transplant branched; 3 breaks	B
Viburnum opulus	15	60-80	1+2: Transplant branched; 3 breaks	B

PROPOSED MARGINAL PLANTING TO WETLAND SCRAPES

To be planted at 5 per m²

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

ORNAMENTAL ENTRANCE PLANTING

Species	Pot Size	Density (per m²)
Brunnera macrophylla 'Jack Frost'	3L	2
Eryngium 'Neptunes Gold'	3L	4
Rosmarinus 'Miss Jessop'	3L	3

SEMI-SHADE HERBACEOUS PLANTING

To be planted at 4m/2

Species	Mix %	Pot Size
Agave reptans	10	3.5-2L
Anemone nemorosa	10	3.5-2L
Asplenium scolopendrium	10	3.5-2L
Dryopteris filix-mas	10	3.5-2L
Geranium sanguineum	10	3+ (topsize, bulb)
Hyacinthoides non-scripta	10	3+ (topsize, bulb)
Dracaena arborescens	10	3+ (topsize, bulb)
Polygonatum multiflorum	10	3.5-2L
Primula vulgaris	10	3.5-2L
Vinca minor	10	3.5-2L

PROPOSED WET-TOLERANT SHRUB 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	10	60-80	Transplant	1+1	B
Fraxinus alba	10	60-80	Transplant	1+1	B
Salix cinerea	10	60-80	Cutting	0/1	B
Viburnum opulus	20	60-80	Transplant	1+2	B

TUSSOCK GRASS MIXTURE

Emorgate EGO Tussock Grass Mixture to be sown at a rate of 5g/m²

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

EMORGATE ELL1 FLOWERING LAWN MIXTURE

Emorgate ELL1 Flowering Lawn Mixture to be sown at a rate of 4g/m²

%	Latin Name	Common Name
20	Wildflowers (20%)	
1	Achillea millefolium	Yarrow
20	Grasses (80%)	
8	Agrostis capillaris	Common Bent
28	Cynosurus cristatus	Crested Dogtail
24	Festuca rubra	Red Fescue
4	Phleum bertolonii	Smaller Cat's-tail
16	Poa pratensis	Smooth-stalked Meadow-grass

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	6-8	250-300	Feathered: 5 breaks	B
Crataegus monogyna	20	-	60-80	Transplant: 1+1	B
Ilex aquifolium	8	-	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

WETLAND MEADOW MIX FOR THE BASE OF BASINS

Mixture to be sown at a rate of 4g/m²

%	Latin Name	Common Name
1	Anthyllus vulneraria	Kidney Vetch
0.6	Agrostis capillaris	Common Knapweed
0.6	Centaurea nigra	Greater Knapweed
0.1	Cherophyllum temulum	Rough Chervil
0.4	Cruciatia laevis	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 anensis	Field Scabious
0.2	Lathyrus pratensis	Meadow Vetchling
1	Leucanthemum vulgare	Oxeye Daisy
2	Melva 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	Potitum sanguisorba ssp sanguisorba	Solid Burnet
0.4	Primula veris	Cowslip
0.2	Prunella vulgaris	Selfheal
14	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 sativata	Common Vetch
8	Agrostis capillaris	Common Bent
28	Cynosurus cristatus	Crested Dogtail
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
1	Achillea millefolium	Yarrow
0.6	Agrostis capillaris	Common Knapweed
0.6	Centaurea nigra	Greater Knapweed
0.1	Cherophyllum temulum	Rough Chervil
0.4	Cruciatia laevis	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 anensis	Field Scabious
0.2	Lathyrus pratensis	Meadow Vetchling
1	Leucanthemum vulgare	Oxeye Daisy
2	Melva 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	Potitum sanguisorba ssp sanguisorba	Solid Burnet
0.4	Primula veris	Cowslip
0.2	Prunella vulgaris	Selfheal
14	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 sativata	Common Vetch
8	Agrostis capillaris	Common Bent (w)
28	Cynosurus cristatus	Sweet Vernal-grass (w)
24	Festuca rubra	Grey Sedg (w)
4	Phleum bertolonii	Crested Dogtail
16	Poa pratensis	Tufted Hair-grass (w)
20	Festuca rubra	Red Fescue
4	Hordeum secalinum	Meadow Barley (w)
8	Poa trivialis	Rough-stalked Meadowgrass
24	Schedonorus arundinaceus	Tall Fescue

SEMI-SHADE GRASS MIX

Emorgate EHL Hedgerow Meadow Mixture to be sown at a rate of 4g/m²

%	Latin Name	Common Name
1	Achillea millefolium	Yarrow
0.5	Alliaria petiolata	Garlic Mustard
0.5	Anthriscus sylvestris	Cow Parsley
1.5	Carex divulsa ssp divulsa	Giny Sedg
2	Centaurea nigra	Common Knapweed
3	Cherophyllum temulum	Rough Chervil
2	Cruciatia laevis	Crosswort
0.2	Dipsacus fulurum	Wild Tease
0.5	Galium album	Hedge Bedstraw
0.1	Geranium pratense	Meadow Crane's-bill
0.3	Geum urbanum	Wood Aven
0.2	Knautia anensis	Field Scabious
1	Leucanthemum vulgare	Oxeye Daisy
1	Melva 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-parley
1	Agrostis capillaris	Common Bent (w)
2	Anthoxanthum odoratum	Sweet Vernal-grass (w)
1	Brethopodium sylvestricum	Fake Brome (w)
50	Cynosurus cristatus	Crested Dogtail
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