NATIVE TREE PLANTING
Strategic and Public Open Space Areas

Species	Form	Girth cm	Height cm	Root condition	Quantity
Acer campestre	EHS	14-16	425-600	65/85 L	24
Alnus glutinosa	EHS	14-16	425-600	65/85 L	15
Betula pendula	EHS	14-16	425-600	65/85 L	17
Betula pubescens	EHS	14-16	425-600	65/85 L	16
Carpinus betulus	EHS	14-16	425-600	65/85 L	19
Fagus sylvatica	EHS	14-16	425-600	65/85 L	15
Malus domestica	EHS	14-16	425-600	65/85 L	6
Prunus domestica	EHS	14-16	425-600	65/85 L	4
Populus tremula	EHS	14-16	425-600	65/85 L	18
Tilia cordata	EHS	14-16	425-600	65/85 L	10
Quercus robur	EHS	14-16	425-600	65/85 L	15
Sorbus aucuparia	EHS	14-16	425-600	65/85 L	11

ORNAMENTAL TREE PLANTING
Side Roads, On Plot and Car Parking Areas

Species	Form	Girth cm	Height cm	Root condition	Quantity
Carpinus betulus 'Frans Fontaine'	EHS	14-16	425-600	65/85 L	15
Tilia cordata 'Greenspire'	EHS	14-16	425-600	65/85 L	24
Sorbus commixta 'Embley'	EHS	14-16	425-600	65/85 L	20

NATIVE HEDGING

Species	Height/ spread cm	Pot size (Litres)	Habit	Min no. of plants / No. / m2
Carpinus betulus	60-80	2L	Feathered	4 5/lin m
Fagus sylvatica	60-80	2L	Feathered	4 5/lin m
Ligustrum vulgare	60-80	2L	Feathered	- 4/lin m

NATIVE STRUCTURE MIX @ 1M CTRS

Species	Root Condition	Age + Trees Transpl	Height cm	Quantity Area 5	Quantity Area 6	Total Quantity
Acer campestre (15%)	Bagged	2x	150-175	42	42	84
Crataegus monogyna (20%)	Bagged	1+1	40-60	56	56	112
Corylus avellana (20%)	Bagged	1+1	40-60	56	56	112
Cornus sanguineum (15%)	Bagged	1+1	40-60	42	42	84
Malus sylvestris (10%)	Bagged	1+2	100-125	28	28	56
Prunus spinosa (10%)	Bagged	1+1	40-60	28	28	56
Sambucus nigra (10%)	Bagged	1+1	40-60	28	28	56

NATIVE HEDGE TRANSPLANTS at 7 per linear metre, triple staggered row

Species	Root Condition	Age + Trees Transpl	Height cm	Quantity Area 1	Quantity Area 2	Quantity Area 3	Quantity Area 4	Total Quantity
Acer campestre (20%)	Bagged	1+1	40-60	666	242	244	123	1275
Crataegus monogyna 30%)	Bagged	1+1	40-60	999	363	367	184	1913
Corylus avellana (10%)	Bagged	1+1	40-60	333	121	122	61	637
Cornus sanguineum (10%)	Bagged	1+1	40-60	333	121	122	61	637
Euonymus europaeus (10%)	Bagged	1+1	40-60	333	121	122	61	637
Ilex aquifolium (10%)	3L	-	40-60	333	121	122	61	637
Prunus spinosa (10%)	Bagged	1+1	40-60	333	121	122	61	637

SHRUB PLANTING - Including species for the RHS Plants for Pollinators List

Species	Height/ spread cm	Pot size (Litres)	Habit	Min no. of plants / No. / m2
Berberis 'Amstelveen'	20-30	2L	Bushy	3 3
Bergenia cordifolia 'Purpurea'	15-20	3L	-	- 5
Buxus sempervirens 'Faulkner'	30-40	3L	Bushy	5 5
Berberis thunbergii atropurpurea 'Nana'	20-30	2L	Bushy	3 5
Cistus corbariensis	30-40	3L	Bushy	4 3
Cornus alba 'Elegantissima'	40-60	3L	Branched	3 1.5
Cornus alba 'Kesselringii'	40-60	3L	Branched	4 1.5
Cornus alba 'Elegantissima'	40-60	3L	Branched	3 1.5
Carex oshimensis Evergold	20-30	2L	-	- 5
Cotoneaster 'Skogholm'	30-40	3L	Spreading	3 3
Cistus 'Silver Pink'	30-40	3L	Bushy	4 3
Cornus sanguinea 'Midwinter Fire'	40-60	3L	Branched	3 4
Choisya ternata	30-40	3L	Bushy	7 1.5
Elaeagnus x ebbingei	60-80	3L	Bushy	3 1.5
Euonymus 'Emerald 'n' Gold'	20-30	3L	Bushy	7 5
Euonymus 'Emerald Gaiety'	20-30	3L	Bushy	7 5
Geranium 'Johnsons Blue'	20-30	2L	-	- 5
Hebe albicans 'Red Edge'	20-30	3L	Bushy	5 3
Hebe rakaiensis	20-30	3L	Bushy	5 3
Hypericum 'Hidcote'	30-40	3L	Bushy	5 2
Hebe 'Mrs Winder'	20-30	3L	Bushy	7 3
Heuchera 'Sugar Frosting'	20-30	2L	-	- 5
Lavandula 'Hidcote'	20-30	3L	Bushy	5 5
Lonicera 'Maygreen'	30-40	2L	Bushy	3 3
Mahonia 'Appollo'	30-40	3L	Bushy	3 2.5
Olearia haastii	30-40	3L	Bushy	2 3
Osmanthus burkwoodii	30-40	3L	Bushy	5 1.5
Potentilla 'Abbotswood'	30-40	3L	Bushy	4 2.5
Potentilla 'Elizabeth'	30-40	4L	Bushy	4 2.5
Potentilla 'Red Ace'	30-40	3L	Bushy	4 2.5
Prunus 'Otto Luyken'	30-40	3L	Bushy	3 2
Photoinia x Fraseri 'Red Robin'	40-60	3L	Branched	6 1.5
Rosa 'Kent'	30-40	3L	Bushy	4 3
Rosa 'Hertfordshire'	30-40	3L	Bushy	3 3
Rubus 'Betty Ashbrner'	30-40	3L	Branched	5 3
Spiraea 'Anthony Waterer'	30-40	3L	Branched	5 3
Spiraea 'Goldflame'	20-30	2L	Bushy	5 3
Symphoricarpos 'Hancock'	40-60	3L	Branched	2 2
Sarcoccoa hookeriana	30-40	3L	Bushy	3 3
Skimmia 'Kew White'	30-40	3L	Bushy	3 3
Skimmia japonica 'Rubella'	30-40	3L	Bushy	3 3
Senecio 'Sunshine'	30-40	3L	Bushy	4 2
Viburnum davidii	30-40	3L	Bushy	3 3
Viburnum tinus 'Eve Price'	30-40	3L	Bushy	7 1.5

POND EDGE (planted randomly – up to 0.5m above settled water level)

Species	Root condition	No. / m2	Area A	Area B	Area C	Area D	Area E	Area F	Area G	Total
Caltha palustris	P9/0.5lt	3	5	6	4	8	8	8	4	43
Carex acutiformis	P9/0.5lt	3	5	6	4	8	8	8	4	43
Filipendula ulmaria	P9/0.5lt	3	5	6	4	8	8	8	4	43
Myosotis scorpioides	P9/0.5lt	3	5	6	4	8	8	8	4	43

AQUATIC MARGINALS (planted randomly - to 0.3m below settled water level)

Species	Root condition	No. / m2	Area A	Area B	Area C	Area D	Area E	Area F	Area G	Total
Alitriche stagnalis	P9/0.5lt	2	4	5	3	7	7	7	3	36
Hydrocharis morsus ranae	P9/0.5lt	2	4	5	3	7	7	7	3	36
Ranunculus aquatilis	P9/0.5lt	2	4	5	3	7	7	7	3	36
Stratiotes aloides	P9/0.5lt	2	4	5	3	7	7	7	3	36

Amenity Grass Areas
Emorsgate EL1 Flowering Lawn Mix sown at 4gms/m2

Wild Flowers

%	Latin name	Common name
4	Galium verum	Lady's Bedstraw
0.5	Leontodon hispidus	Rough Hawkbit
1	Leucanthemum vulgare	Oxeye Daisy
3.7	Lotus corniculatus	Birdsfoot Trefoil
3	Primula veris	Cowslip
4	Prunella vulgaris	Selfheal
3.5	Ranunculus acris	Meadow Buttercup
0.3	Trifolium pratense	Wild Red Clover
20		

Grasses

%	Latin name	Common name
8	Agrostis capillaris	Common Bent
40	Cynosurus cristatus	Crested Dogstail
28	Festuca rubra	Slender-creeping Red-fescue
4	Phleum bertolonii	Smaller Cat's-tail
80		

Grassland Mixture – Adjacent Native Hedgerow Planting Areas
Emorsgate EH1 Hedgerow Mixture sown at 4gms/m2

Wild Flowers

%	Latin name	Common name
0.5	Achillea millefolium	Yarrow
1	Agrimonia eupatoria	Agrimony
1.5	Allaria petiolata	Garlic Mustard
0.5	Centaurea nigra	Common Knapweed
2	Galium album - (Galium mollugo)	Hedge Bedstraw
2.2	Geum urbanum	Wood Avens
0.3	Hypericum perforatum	Perforate St John's Wort
1.5	Leucanthemum vulgare	Oxeye Daisy
0.5	Plantago lanceolata	Ribwort Plantain
0.5	Primula veris	Cowslip
2	Prunella vulgaris	Selfheal
2	Silene dioica	Red Campion
2	Silene vulgaris	Bladder Campion
0.5	Stachys sylvatica	Hedge Woundwort
1	Torilis japonica	Upright Hedge-parsley
0.5	Tragopogon pratensis	Goat's-beard
1.5	Vicia cracca	Tufted Vetch
20		

Grasses

%	Latin name	Common name
10	Agrostis capillaris	Common Bent
1	Anthoxanthum odoratum	Sweet Vernal-grass (w)
6	Brachypodium sylvaticum	False Brome (w)
35	Cynosurus cristatus	Crested Dogstail
2	Deschampsia cespitosa	Tufted Hair-grass (w)
26	Festuca rubra	Slender-creeping Red-fescue
80		

Grassland Mixture – Adjacent SuDs Basins and Swales
Emorsgate EP1 Pond Edge Mix sown at 1.5gms/m2

%	Latin name	English name
	Wildflower	
0.5	Achillea ptarmica	Sneezewort
1.6	Alisma plantago-aquatica	Water plantain
2.5	Angelica sylvestris	Wild angelica
0.5	Eupatorium cannabinum	Hemp agrimony
3.0	Filipendula ulmaria	Meadowsweet
1.2	Geum rivale	Water avens
0.5	Hypericum tetrapterum	Square-stalked St Johns wort
3.0	Iris pseudacorus	Yellow iris
1.2	Lotus pedunculatus	Greater birdsfoot trefoil
1.2	Lychnis flos-cuculi	Ragged robin
1.0	Lycopus europaeus	Gipsywort
0.5	Lythrum salicaria	Purple loosestrife
0.3	Pulicaria dysenterica	Fleabane
0.5	Scutellaria galericulata	Skullcap
1.0	Thalictrum flavum	Common meadow rue
1.5	Vicia cracca	Tufted vetch

ssland Mixture – Strategic Open Space Area to East (Floodplain)
orsgate EM3 Special General-Purpose Meadow Mixture sown at 4gms/m2

Wild Flowers

Latin name	Common name
Achillea millefolium	Yarrow
Centaurea nigra	Common Knapweed
Centaurea scabiosa	Greater Knapweed
Daucus carota	Wild Carrot
Filipendula ulmaria	Meadowsweet
Galium album - (Galium mollugo)	Hedge Bedstraw
Galium verum	Lady's Bedstraw
Knautia arvensis	Field Scabious
Leontodon hispidus	Rough Hawkbit
Leucanthemum vulgare	Oxeye Daisy
Lotus corniculatus	Birdsfoot Trefoil
Plantago media	Hoary Plantain
Poterium sanguisorba - (Sanguisorba minor)	Salad Burnet
Primula veris	Cowslip
Prunella vulgaris	Selfheal
Ranunculus acris	Meadow Buttercup
Ranunculus bulbosus	Bulbous Buttercup
Rhinanthus minor	Yellow Rattle
Rumex acetosa	Common Sorrel
Silene dioica	Red Campion
Silene vulgaris	Bladder Campion
Vicia cracca	Tufted Vetch

Grasses

Latin name	Common name
Agrostis capillaris	Common Bent
Cynosurus cristatus	Crested Dogstail
Festuca rubra	Slender-creeping Red-fescue
Phleum bertolonii	Smaller Cat's-tail



N

0 100m

ARUN DISTRICT COUNCIL AL/107/21/PL

KEY

Proposed Native Tree Planting

- Proposed Field Maple - 24 *(Acer campestre)*
- Proposed Alder Tree - 15 *(Alnus glutinosa)*
- Proposed Birch Tree -17 *(Betula pendula)*
- Proposed Birch Tree - 16 *(Betula pubescens)*
- Proposed Hornbeam Tree - 19 *(Carpinus betulus)*
- Proposed Beech Tree - 15 *(Fagus sylvatica)*
- Proposed Lime Tree - 10 *(Tilia cordata)*
- Proposed Oak Tree - 15 *(Quercus robur)*
- Proposed Mountain Ash Tree - 11 *(Sorbus aucuparia)*
- Proposed Plum Tree - 4 *(Prunus domestica)*
- Proposed Apple Tree - 6 *(Malus domestica)*
- Proposed Aspen Tree - 18 *(Populus tremula)*

Proposed Ornamental Tree Planting

- Proposed Hornbeam 'Frans Fontaine - 15 *(Carpinus betulus 'Frans Fontaine')*
- Proposed Lime 'Greenspire - 24 *(Tilia cordata 'Greenspire')*
- Proposed Mountain Ash 'Embley' Tree - 20 *(Sorbus commixta 'Embley')*

Total 229

Revision	Description	Date
-	First issue	20/11/20
A	Second issue	14/12/20
B	Third issue	3/3/21
C	Fourth issue	6/7/21

LANDARB SOLUTIONS

Project:
Land at Woodgate Centre, Westergate

Description:
Hard and Soft Landscape Proposals Plan - Sheet 2 of 2

Status:
For Planning

Scale:	Drawn I Checked	Date:
1:500 @A0	**DP MP**	**02/08/2021**
Job Number:	Drawing Number:	Revision:
LAS 103	**05**	**D**