

Infrastructure Planting Schedule

UA001881-701-1102-06

Infrastructure Plant Schedule												PLANTING TOTALS - Refer to drawing no. UA001881-701:						
												NEAP 920	River Corridor 921 922 923	Perimeter Planting 929	Primary road trees	Farm Crossing 941	TOTAL	
Individual Tree Planting	Root	Height	Size	Breaks	Age	Girth	Form	Clearstem	Spacing	Density	%							
Acer campestre	Bare Root	250-300cm	^	5	3x	8-10cm	Feathered		As shown				32	6	1	39		
Acer pseudoplatanus	Bare Root	250-300cm	^	3	2x	8-10cm	Standard	175-200cm	As shown			1				1		
Alnus glutinosa	Bare Root	175-200cm	^	5	2x		Feathered		As shown				57		1	58		
Alnus glutinosa	Bare Root	300-350cm	^	4	2x	10-12cm	Standard	175-200cm	As shown			5				5		
Betula pendula	Bare Root	250-300cm	^	3	2x	8-10cm	Standard	175-200cm	As shown			2				2		
Carpinus betulus fastigiata 'Frans Fontaine' (Primary Road)	Root Ball	min 450cm	^	3	3x	16-18cm	Extra Heavy Standard	min 200cm	As shown						87	87		
Corylus avellana	Container	40-60cm	2L	2			Branched		As shown			4	11			15		
Fagus sylvatica	Root Ball	200-250cm	^	5	2x		Feathered		As shown				16			16		
Malus domestica 'Bramley's Seedling'	Bare Root	175-200cm	^	3	2x		Half-Standard		As shown				14	2	9	25		
Malus domestica 'Cox's Orange Pippin'	Bare Root	175-200cm	^	3	2x		Half-Standard		As shown				5	1	2	8		
Malus domestica 'Discovery'	Bare Root	175-200cm	^	3	2x		Half-Standard		As shown				8	2	1	11		
Malus domestica 'Bicester seedling'	Bare Root	175-200cm	^	3	2x		Half-Standard		As shown				8	1	1	10		
Malus sylvestris	Bare Root	175-200cm	^	5	2x		Feathered		As shown				21		6	27		
Prunus avium	Bare Root	200-250cm	^	5	2x		Feathered		As shown				20	3	4	27		
Prunus domestica 'Victoria'	Bare Root	175-200cm	^	3	2x		Half-Standard		As shown				12	1	1	14		
Prunus padas	Bare Root	200-250cm	^	5	2x		Feathered	175-200cm	As shown				18			18		
Pyrus communis 'Beurre Hardy'	Bare Root	175-200cm	^	3	2x		Half-Standard		As shown				3	1	1	5		
Pyrus communis 'Conference'	Bare Root	175-200cm	^	3	2x		Half-Standard		As shown				8	1	2	11		
Pyrus communis 'Doyenne du Comice'	Bare Root	175-200cm	^	3	2x		Half-Standard		As shown				5	2	1	8		
Quercus robur	Bare Root	175-200cm	^	5	2x		Feathered		As shown				52	2	3	57		
Quercus robur Fastigiata (Primary Road)	Root Ball	min 450cm	^	3	3x	16-18cm	Extra Heavy Standard	min 200cm	As shown					8		8		
Salix alba	Bare Root	175-200cm	^		0/1/2		Transplant		As shown				12			12		
Salix alba	Bare Root	300-350cm	^	4	2x	10-12cm	Standard	175-200cm	As shown				4			4		
Sorbus aria	Bare root	175-200cm	^	5	2x		Feathered		As shown				9			9		
Sorbus aria	Bare Root	300-350cm	^	4	2x	10-12cm	Standard	175-200cm	As shown				6			6		
Sorbus aucuparia	Bare Root	200-250cm	^	5	2x		Feathered		As shown				10			10		
Sorbus aucuparia	Bare Root	300-350cm	^	4	2x	10-12cm	Standard	175-200cm	As shown				6			6		
Syringa reticulata	Container	150-200cm	12L				Feathered		As shown				5		87	92		
												28	326	30	87	33	504	Trees
Woodland Planting Mix	Root	Height	Size	Breaks	Age	Girth	Form	Clearstem	Spacing	Density	%		2129		310		Area in M ²	
Trees																		
Acer campestre	Bare Root	60-80cm	^		1+1		Transplant		10m	0.01	20%		4		1	5		
Alnus glutinosa	Bare Root	60-80cm	^		1+2		Transplant		10m	0.01	40%		9		1	10		
Malus sylvestris	Bare Root	150-175cm	^	3	2x	4-6cm	Standard (half)	125-150cm	10m	0.01	10%		2		0	2		
Prunus avium	Bare Root	60-80cm	^		1+1		Transplant		10m	0.01	10%		2		0	2		
Quercus robur	Bare Root	60-80cm	^		1+1		Transplant		10m	0.01	20%		4		1	5		
												0	21	0	3	24	Trees	
Shrubs																		
Cornus sanguinea	Bare Root	40-60cm	^	2	1+2		Branched		1.5m	0.44	15%		141		20	161		
Corylus avellana	Bare Root	40-60cm	^	2	1+1		Branched		1.5m	0.44	15%		141		20	161		
Crateagus monogyna	Bare Root	40-60cm	^	2	1+1		Transplant		1.5m	0.44	10%		94		14	107		
Frangula alnus	Bare Root	40-60cm	^	3	1+1		Leader with laterals		1.5m	0.44	5%		47		7	54		
Ilex aquifolium	Container	40-60cm	2L				Leader with laterals		1.5m	0.44	10%		94		14	107		
Ligustrum vulgare	Bare Root	60-80cm	^	3	1+1		Branched		1.5m	0.44	5%		47		7	54		
Prunus spinosa	Bare Root	40-60cm	^	2	1+1		Branched		1.5m	0.44	15%		141		20	161		
Rosa arvensis	Bare Root	50-60cm	^	2	1+1		Branched		1.5m	0.44	5%		47		7	54		
Rosa canina agg	Bare Root	60-80cm	^	3	1+1		Branched		1.5m	0.44	5%		47		7	54		
Sambucus nigra	Bare Root	40-60cm	^	2	1+0		Branched		1.5m	0.44	5%		47		7	54		
Viburnum lantana	Bare Root	40-60cm	^	2	1+0		Branched		1.5m	0.44	5%		47		7	54		
Viburnum opulus	Bare Root	40-60cm	^	2	1+1		Branched		1.5m	0.44	5%		47		7	54		
												0	937	0	136	1073	Shrubs	
Bulbs																		
Narcissus pseudonarcissus 'lobularis'	Bulb									2	25%		1065		78	1142		
Allium ursinum	Bulb									2	25%		1065		78	1142		
Galanthus nivalis	Bulb									2	25%		1065		78	1142		
Hyacinthoides non-scripta	Bulb									2	25%		1065		78	1142		
												0	4258	0	310	4568	Bulbs	
Native Hedgerow Mix	Root	Height	Size	Breaks	Age	Girth	Form	Clearstem	Spacing	Density	%		71	95	100		Area in M ²	
Shrubs																		
Cornus sanguinea	Bare Root	40-60cm	^	2	1+2		Branched				4%		3	4	4	11		
Corylus avellana	Bare Root	40-60cm	^	2	1+1		Branched				20%		14	19	20	53		
Crateagus monogyna	Bare Root	40-60cm	^	2	1+1		Transplant				40%		28	38	40	106		
Ilex aquifolium	Container	40-60cm	2L				Leader with laterals				5%		4	5	5	13		
Ligustrum vulgare	Bare Root	60-80cm	^	3	1+1		Branched				5%		4	5	5	13		
Prunus spinosa	Bare Root	40-60cm	^	2	1+1		Branched				12%		9	11	12	32		
Rosa arvensis	Bare Root	50-60cm	^	2	1+1		Branched				4%		3	4	4	11		
Rosa canina agg	Bare Root	60-80cm	^	3	1+1		Branched				4%		3	4	4	11		
Sambucus nigra	Bare Root	40-60cm	^	2	1+0		Branched				2%		1	2	2	5		
Viburnum lantana	Bare Root	40-60cm	^	2	1+0		Branched				2%		1	2	2	5		
Viburnum opulus	Bare Root	40-60cm	^	2	1+1		Branched				2%		1	2	2	5		
												0	71	95	100	266	Shrubs	

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Shrubs	Root	Height	Size	Breaks	Age	Girth	Form	Clearstem	Spacing	Density	%	Area in M ²				
Cornus sanguinea	Bare Root	40-60cm	3L	2	1+2	3	Branched	1	1	4/m2	42	42				
Osmanthus burkwoodii	Container	30-40cm	3L	4		3	Bushy	1	1	1/m2	8	8				
Potentilla fruticosa Red Ace	Container	15-20cm	2L	3		3	Bushy	1	1	4/m2	11	11				
Potentilla fruticosa Abbotswood	Container	15-20cm	2L	3		3	Bushy	1	1	4/m2	41	41				
Rosa canina agg	Bare Root	60-80cm	3L	3	1+1	3	Branched	1	1	4/m2	8	8				
Sarcococca hookeriana	Container	20-30cm	2L	4		3	Bushy	1	1	4/m2	16	16				
											126	0	0	0	126	Shrubs

Herbs	Root	Height	Size	Breaks	Age	Girth	Form	Clearstem	Spacing	Density	%	Area in M ²				
Rosmarinus officinalis	Container	30-40cm	2L	3		3	Bushy	1	1	4/m2	30	30				
											30	0	0	0	30	Herbs

Groundcover	Root	Height	Size	Breaks	Age	Girth	Form	Clearstem	Spacing	Density	%	Area in M ²				
Rear of border												58				
Bergenia cordifolia	Container		1L							6/m2		12				
Front of border																
Heuchera 'Plum Pudding'	Container		1.5-2L							5/m2		10				
Alchemilla mollis	Container		1L							4/m2		8				
Throughout border																
Vinca minor	Container		1L							5/m2		10				
Vinca major	Container		1L							5/m2		10				
Pachysandra terminalis	Container		1L							4/m2		8				
											58	0	0	0	58	Groundcover

Emorsgate EM6 - Grassland Mix - River Corridor + Hedgerows. An alternative supplier may be sought providing same seed mix is supplied											11520	1158	943	13621	Area in M ²
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Wildflowers	Root	Height	Size	Breaks	Age	Girth	Form	Clearstem	Spacing	Density	%	Coverage 4g/m ²
Achillea millefolium	Yarrow										0.5%	0.5%
Anthyllis vulneraria	Kidney Vetch										1.5%	1.5%
Centaurea nigra	Common Knapweed										0.5%	0.5%
Centaurea scabiosa	Greater Knapweed										1.8%	1.8%
Clinopodium vulgare	Wild Basil										0.4%	0.4%
Daucus carota	Wild Carrot										1.0%	1.0%
Filipendula vulgaris	Dropwort										0.5%	0.5%
Galium verum	Lady's Bedstraw										1.0%	1.0%
Knautia arvensis	Field Scabious										1.5%	1.5%
Leontodon hispidus	Rough Hawkbit										0.5%	0.5%
Leucanthemum vulgare	Oxeye Daisy										1.5%	1.5%
Lotus corniculatus	Birdsfoot Trefoil										0.5%	0.5%
Origanum vulgare	Wild Marjoram										0.5%	0.5%
Pimpinella saxifraga	Burnet-saxifrage										0.5%	0.5%
Plantago media	Hoary Plantain										0.3%	0.3%
Poterium sanguisorba - (Sanguisorba minor)	Salad Burnet										2.0%	2.0%
Primula veris	Cowslip										1.5%	1.5%
Prunella vulgaris	Selfheal										1.0%	1.0%
Ranunculus acris	Meadow Buttercup										1.5%	1.5%
Reseda lutea	Wild Mignonette										0.5%	0.5%
Scabiosa columbaria	Small Scabious										1.0%	1.0%

Grasses	Root	Height	Size	Breaks	Age	Girth	Form	Clearstem	Spacing	Density	%	Coverage 4g/m ²
Briza media	Quaking Grass (w)										0.4%	0.4%
Cynosurus cristatus	Crested Dogtail										32.0%	32.0%
Festuca ovina	Sheep's Fescue (w)										22.0%	22.0%
Festuca rubra	Slender-creeping Red-fescue										16.0%	16.0%
Koeleria macrantha	Crested Hair-grass (w)										1.0%	1.0%
Phleum bertolonii	Smaller Cat's-tail (w)										6.6%	6.6%
Trisetum flavescens	Yellow Oat-grass (w)										2.0%	2.0%
											54484	Total Grams

Emorsgate EH1 - Shade Tolerant Mixture. An alternative supplier may be sought providing same seed mix is supplied											128	614	742	Area in M ²
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Wildflowers	Root	Height	Size	Breaks	Age	Girth	Form	Clearstem	Spacing	Density	%	Coverage 4g/m ²
Achillea millefolium	Yarrow										1%	0.5%
Agrimonia eupatoria	Agrimony										2%	1.5%
Alliaria petiolata	Garlic Mustard										2%	1.5%
Centaurea nigra	Common Knapweed										1%	0.5%
Clinopodium vulgare	Wild Basil										0%	0.4%
Galium album - (Galium mollugo)	Hedge Bedstraw										2%	1.7%
Geum urbanum	Wood Avens										2%	2.2%
Leucanthemum vulgare	Oxeye Daisy										2%	1.7%
Plantago lanceolata	Ribwort Plantain										1%	0.5%
Primula veris	Cowslip										1%	1.0%
Prunella vulgaris	Selfheal										2%	2.0%
Silene dioica	Red Campion										2%	2.0%
Silene vulgaris	Bladder Campion										2%	2.0%

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Torilis japonica	Upright Hedge-parsley	1.0%			1%		1%		1.0%	
Vicia cracca	Tufted Vetch	1.5%			2%		2%		1.5%	
Grasses										
Agrostis capillaris	Common Bent	10.0%			10%		10%		10.0%	
Anthoxanthum odoratum	Sweet Vernal-grass (w)	1.0%			1%		1%		1.0%	
Brachypodium sylvaticum	False Brome (w)	6.0%			6%		6%		6.0%	
Cynosurus cristatus	Crested Dogstail	35.0%			35%		35%		35.0%	
Deschampsia cespitosa	Tufted Hair-grass (w)	2.0%			2%		2%		2.0%	
Festuca rubra	Slender-creeping Red-fescue	26.0%			26%		26%		26.0%	
									2968 Total Grams	
Emorsgate EG22 - Lawn Mixture - Amenity Grass. An alternative supplier may be sought providing same seed mix is supplied					606					606 Area in M²
Grasses										
Coverage 4g/m ²										
Agrostis castellana	Highland Bent	10%			10%				10%	
Festuca rubra	Slender-creeping Red-fescue	50%			50%				50%	
Lolium perenne	Perennial Ryegrass	20%			20%				20%	
Poa pratensis	Smooth-stalked Meadow-grass	20%			20%				20%	
									2424 Total Grams	
SUDS Planting Mix A - Wetland Scrape					182					182 Area in M²
Wild Flowers										
Coverage 4g/m ²										
Achillea millefolium	Yarrow	1%				1%			1%	
Centaura nigra	Common Knapweed	1%				1%			1%	
Filipendula ulmaria	Meadowsweet	1%				1%			1%	
Galium verum	Lady's Bedstraw	1%				1%			1%	
Lathyrus pratensis	Meadow Vetchling	1%				1%			1%	
Leucanthemum vulgare	Oxeye Daisy	1%				1%			1%	
Lotus corniculatus	Common Bird's-foot-trefoil	2%				2%			2%	
Lotus pedunculatus	Greater Bird's-foot-trefoil	1%				1%			1%	
Lychnis flos-cuculi	Ragged Robin	1%				1%			1%	
Plantago lanceolata	Ribwort Plantain	1%				1%			1%	
Primula veris	Cowslip	1%				1%			1%	
Prunella vulgaris	Self-heal	1%				1%			1%	
Pulicaria dysenterica	Fleabane	1%				1%			1%	
Ranunculus acris	Meadow Buttercup	1%				1%			1%	
Rhinanthus minor	Yellow Rattle	1%				1%			1%	
Rumex acetosa	Common Sorrel	1%				1%			1%	
Stachys officinalis	Betony	1%				1%			1%	
Succisa pratensis	Devil's-bit Scabious	1%				1%			1%	
Vicia cracca	Tufted Vetch	1%				1%			1%	
Grasses										
Agrostis capillaris	Common Bent	14%				14%			14%	
Alopecurus pratense	Meadow Foxtail	5%				5%			5%	
Anthoxanthum odoratum	Sweet Vernal Grass	5%				5%			5%	
Cynosurus cristatus	Crested Dog's-tail	5%				5%			5%	
Festuca pratense	Meadow Fescue	1%				1%			1%	
Festuca rubra	Red Fescue	30%				30%			30%	
Hordeum secalinum	Meadow Barley	5%				5%			5%	
Poa pratensis	Smooth Meadow-grass	15%				15%			15%	
									728 Total Grams	
SUDS Planting Mix B - SUDS Pond					357					357 Area in M²
Marginals										
Coverage 4g/m ²										
Angelica sylvestris	Wild Angelica	10%	C	0.5L		10%			10%	
Caltha palustris	Marsh Marigold	10%	C	0.5L		10%			10%	
Filipendula ulmaria	Meadowsweet	15%	C	0.5L		15%			15%	
Lychnis flos-cuculi	Ragged Robin	5%	C	0.5L		5%			5%	
Lycopus europaeus	Gypsywort	5%	C	0.5L		5%			5%	
Lythrum salicaria	Purple Loose-strife	15%	C	0.5L		15%			15%	
Mentha aquatica	Water Mint	5%	C	0.5L		5%			5%	
Myosotis scorpioides	Water Forget-me-not	5%	C	0.5L		5%			5%	
Ranunculus flammula	Lesser Spearwort	5%	C	0.5L		5%			5%	
Marginal Grasses and sedges										
Glyceria fluitans	Floating Sweet-grass	5%	C	0.5L		5%			5%	
Phalaris arundinacea	Reed Canary-grass	20%	C	0.5L		20%			20%	
									1428 Total Grams	
Aquatics										
Hydrocharis morsus-ranae	Frogbit	1/m2	C	-		357no			357no	