

All proposed tree locations are subject to co-ordination with drainage layout and subject to modification depending on the location of underground services and utilities. Drainage engineer to co-ordinate services layout in conjunction with the landscape plan to avoid conflict as much as possible. Allowance to be made at tender stage for the possible requirement for root barriers once the drainage layout is confirmed. CA to be informed immediately once this is available.

NORTH



Proposed Hedgehog House (4No)

NOTE:
Provision of Bat boxes should be installed on several retained mature trees along the eastern boundary, away from disturbance and light spill as per ecologists recommendations. For more information refer to : Bat Activity Survey Ref: R-3804-04 by Brooks Ecological.

NOTE:
For soft landscape specification notes refer to drawing 15313-VL_L02

Mixed Species Native Shrub Planting Mix 3:
Refer to Planting schedule for species and specification

Mixed Species Native Shrub Planting
Mix 2: Refer to Planting schedule for species and specification

	Proposed shade tolerant Wildflower grassland To be Hedgerows and shaded areas WFG8 by Germinal Amenity
	Proposed species rich Wildflower grassland To be EM2 - Standard General Purpose Meadow mixture by Emorgate
	Proposed attenuation basin grassland Covamat F3 Erosion Control Matting pre-seeded with Wetland Seed Mix (1A) to engineers design and specification
	Proposed wildflower turf To be WFT-Species-Rich-26-Bio by Wildflower Turf Ltd
	Proposed ornamental bark mulch surface finish • 1m dia of ornamental bark mulch in accordance with BS8545:2014 recommendations • 500mm maintenance strip

Trees							
Species	Abb.	Form	Girth (cm)	Height (cm)	Clear stem (cm)	Root	Quantity
Acer campestre 'Streeview'	AcS	Standard Extra Heavy	14-16	425-400	175-200	R8	6
Acer campestre	Ac	Standard Extra Heavy	14-16	425-400	175-200	R8	2
Alnus glutinosa	Al	Standard Heavy	12-14	300-325	145-160	R8	2
Betula pendula	Bp	Standard Selected	10-12	300-350	150-175	R8	32
Betula pendula Fastigiata Joes'	BpFl	Standard Extra Heavy	14-16	min 450	min 200	R8	9
Corpus boscus Trans Fontaine'	CbF	Standard Extra Heavy	16-18	min 450	min 200	R8	7
Malus sylvestris	M	Feathered	14	175-200		R	8
Pinus sylvestris	P	/	/	175-200		R	7
Pinus abies	Pa	Standard Extra Heavy	14-16	425-400	175-200	R8	7
Prunus avellana 'Chanticleer'	PaC	Standard Extra Heavy	18-20	min 450	min 200	R8	10
Quercus robur	Q	Standard Extra Heavy	14-16	425-400	175-200	R8	3
Taxus baccata	Tb	Standard Heavy	12-14	300-325	145-160	R8	2
Tilia cordata 'Rancher'	TaR	Standard Extra Heavy	16-18	min 450	min 200	R8	6

Name	Abb	Height (cm)	Root	Container	Roots	Quantity
Amelanchier lamarckii (Multi Stem Specimen)	AI	175-200	RB	/	3-5 main stems	2
Phormium 'Yellow Wave'	PYW	/	C	10-12L	Triple Crown	2

Plant	Height (m)	Form	Spacing
<i>Carpinus betulus</i>	Cb 100-120	RB Bushy, Clipped sides	50cm centres
<i>Prunus lusitanica</i> 'Angustifolia'	PIA 100-120	RB Bushy, Clipped sides	50cm centres

Notes:

*Hedge plants to be planted in single rows at centres noted above. Maintained at 1.2m high

<i>Cornus stolonifera</i> 'Midwinter Fire'	CstMF	60-80	C	3L	Branched	4	3/m ³
<i>Elaeagnus x ebbingei</i> 'Gilt Edge'	EeEG	40-60	C	3L	Branched	7	3/m ³
<i>Hebe</i> 'Blue Gem'	HGB	30-40	C	3L	Bushy	5	4/m ³
<i>Hebe</i> 'Red Edge'	HRE	30-40	C	5L	Bushy	6	5/m ³
<i>Prunus laurocerasus</i> 'Cherry Brandy'	PlCB	30-40D	C	3L	Bushy	3	4/m ³
<i>Viburnum x davidii</i>	Val	30-40	C	3L	Bushy	3	5/m ³

<i>Acacia campestre</i>	Ac	80-100	UK Cell grown	/	Transplant - seed raised	10%
<i>Corylus avellana</i>	Co	80-100	UK Cell grown	/	Branched	20%
<i>Cornus sanguinea</i>	Cs	80-100	UK Cell grown	/	Branched	10%
<i>Ilex aquifolium</i>	Ia	40-60	C (UK grown)	5L	Leader & Lateralis	10%
<i>Prunus spinosa</i>	Ps	80-100	UK Cell grown	/	Branched	10%
<i>Ulex europaeus</i>	Ue	80-100	UK Cell grown	/	Transplant - seed raised	30%
<i>Viburnum opulus</i>	Vo	80-100	UK Cell grown	/	Branched	10%

Notes:

- "Hedge species to be planted in a double staggered row at 500mm centres, 450mm between rows
- "Hedge to be maintained at a maximum height of 1.6m
- "Hedge plants to be protected with 600mm Tuft Shrub Stewardguard Shrub Shelters supported by 32mm x 32mm fanlashed stakes, to be protected by Mesh Tree Guard shelter
- "Hedge plants to be planted within the roll fully bio-degradable weed control membrane to suppress weeds and conserve ground moisture.

Product: Ecosec MultiMix by Hy-Tex or similar approved, installed and secured with ground pegs in accordance with manufacturers recommendations.

"Hedge plants to be sourced as local to the site as possible and "UK-Grown" in accordance with current bio-severity best practice.

<i>Acacia campestre</i>	Ac	40-60	UK Cell grown	/	Branched	20%
<i>Eunomium europaeum</i>	Ee	40-60	UK Cell grown	/	Branched	15%
<i>Ilex aquifolium</i>	Ia	40-60	C [UK grown]	3L	Leader & Lateralis	10%
<i>Prunus spinosa</i>	Ps	80-100	UK Cell grown	/	Branched	10%
<i>Rosa arvensis</i>	Ra	40-60	UK Cell grown	/	Branched	10%
<i>Ulex europaeus</i>	Ue	80-100	UK Cell grown	/	Branched	15%
<i>Viburnum opulus</i>	Vo	40-60	UK Cell grown	/	Branched	20%

Species	Age	Height	Root	Container	Root	Survival
<i>Acer campestre</i>	Ac	40-60	UK Cell grown	/	Branched	25%
<i>Betula pendula</i>	Bp	40-60	UK Cell grown	/	Branched	15%
<i>Corylus avellana</i>	Ca	40-60	UK Cell grown	/	Branched	15%
<i>Crataegus monogyna</i>	Cm	60-80	UK Cell grown	/	Branched	20%
<i>Ilex aquifolium</i>	la	40-60	C (UK grown)	2L	Leader & Laterals	15%
<i>Ligustrum vulgare</i>	lv	40-60	C (UK grown)	2L	Leader & Laterals	10%

<i>Cornus sanguinea</i>	Cs	40-60	UK Cell grown	/	Branched	20%
<i>Crataegus monogyna</i>	Cm	60-80	UK Cell grown	/	Branched	20%
<i>Ilex aquifolium</i>	Ia	40-60	C (UK grown)	2L	Leader & Laterals	5%
<i>Prunus spinosa</i>	Ps	80-100	UK Cell grown	/	Branched	15%
<i>Salix fragilis</i>	Sf	60-80	UK Cell grown	/	Branched	15%
<i>Salix cinerea</i>	Sc	60-80	UK Cell grown	/	Branched	15%

Notes:

- *Native buffer planting species to be planted at 2m spacing in a staggered matrix arrangement.
- *Plants to be protected with 400mm Tubes Sheers/Thurgard Shrub Sheers supported by 32m x 32mm stainless stakes. To be protected by Mesh Tree Guard Sheer.
- *Plant to be planted within the off fully bio-degradable weed control membrane to suppress weeds and conserve ground moisture.

Product: EcoTex MultiMat by Hy-Tex or similar approved, installed and secured with ground pins in accordance with manufacturers recommendations.

- *Shrubs to be sourced as local to the site as possible and "UK-Grown" in accordance with current bio-security best practice.

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Drawing Title LANDSCAPE PLAN (2 OF 2)

Job-Dwg No	15315-VI	103	Rev	
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design concepts

LANDSCAPE DESIGNERS