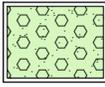


**KEY**



EXISTING VEGETATION TO BE RETAINED  
(To be protected during construction in accordance with BS 5837: 2012 'Trees in relation to design, demolition & Construction'). Refer to FPCR drawings.



EXISTING LAND TO BE RETAINED (39,024 m<sup>2</sup>)



EXTRA HEAVY STANDARD TREES  
(Tree pit size: 1500x1500x900mm backfilled in accordance with specification)  
18-20cm stem girth  
4.5-5.5m height  
1.8-2.1m clear stem  
Rootballed

Tree Species	Common name	Quantities
AcS	Acer campestre 'Streetwise'	Field Maple 58 no.
Cb	Carpinus betulus	Hornbeam 37 no.
PaP	Prunus avium 'Plena'	Cherry 3 no.
Tc	Tilia cordata 'Greenspire'	Lime var 42 no.
UNH	Ulmus 'New Horizon'	Elm Var. 3 no.
		143 no.



HEAVY STANDARD TREES  
(Tree pit size: 1000x1000x750mm backfilled in accordance with specification)  
12-14cm stem girth  
3.5-4.0m height  
1.8-2.1m clear stem  
Root wrapped

Tree Species	Common name	Quantities
Ac	Acer campestre	Field Maple 104 no.
Ag	Alnus glutinosa	Alder 73 no.
Pa	Prunus avium	Wild Cherry 51 no.
Pt	Populus tremula	Aspen 3 no.
Sal	Salix alba	White Willow 14 no.
Sa	Sorbus aucuparia	Rowan 54 no.
		299 no.



FEATHERED TREES  
1.75-2.0m height 2x transplanted  
Well furnished with lateral shoots to base  
Root wrapped

Tree Species	Common name	Quantities
Ac	Acer campestre	Field Maple 29 no.
Ag	Alnus glutinosa	Alder 31 no.
Bp	Betula pendula	Silver Birch 18 no.
Bpu	Betula pubescens	Downy Birch 7 no.
Pt	Populus tremula	Aspen 30 no.
Pa	Prunus avium	Wild Cherry 24 no.
Qr	Quercus robur	Oak 34 no.
		173 no.



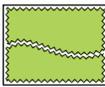
PROPOSED MULTI-STEM TREES  
(Tree pit size: 1000x1000x750mm backfilled in accordance with specification)  
3.5-4.0m height  
5x transplanted  
Rootballed

Tree Species	Quantities
Ba	Betula albosinensis 9 no.
BuJ	Betula utilis 'Jermyns' 19 no.
SaB	Salix alba 'Britzensis' 15 no.
	43 no.



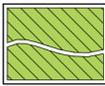
PROPOSED SPECIMEN SHRUBS  
(300mm depth of topsoil)

Species	Supply Size	Pot Size
Amelanchier canadensis	900-1200mm	15L
Cornus alba 'Elegantissima'	900-1200mm	15L
Mahonia x media 'Winter Sun'	900-1200mm	15L
Viburnum x burkwoodii	900-1200mm	15L



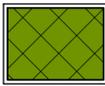
PROPOSED LOW GROUNDCOVER PLANTING (4,060 m<sup>2</sup>)  
(300mm depth of topsoil onto 300mm depth subsoil)  
Ultimate plant height is below 1m.

Species	Supply Size	Pot Size	Spacing
Berberis frikartii 'Amstelveen'	300-400mm	3L	500mm c/s
Cornus stolonifera 'Kelseyii'	200-300mm	3L	450mm c/s
Cotoneaster dammeri 'Oakwood'	300-400mm	3L	500mm c/s
Genista lydia	300-400mm	3L	450mm c/s
Hebe pinguifolia 'Sutherlandii'	200-300mm	3L	500mm c/s
Hypericum x moserianum	300-400mm	3L	500mm c/s
Lonicera nitida 'Maygreen'	300-400mm	2L	600mm c/s
Pyracantha 'Red Cushion'	300-400mm	3L	600mm c/s
Prunus laurocerasus 'Cherry Brandy'	300-400mm	3L	600mm c/s
Rosa 'Kent'	300-400mm	3L	450mm c/s
Spiraea japonica 'Candlelight'	200-300mm	3L	600mm c/s
Stephanandra incisa 'Crispa'	300-400mm	2L	500mm c/s
Symphoricarpos x c. 'Hancock'	400-600mm	3L	500mm c/s



PROPOSED ORNAMENTAL SHRUB PLANTING (250 m<sup>2</sup>)  
(300mm depth of topsoil onto 300mm depth subsoil)  
Ultimate plant height is above 1m.

Species	Supply Size	Pot Size	Spacing
Amelanchier canadensis	400-600mm	3L	750mm c/s
Berberis darwinii	300-400mm	3L	600mm c/s
Cornus alba 'Elegantissima'	600-800mm	3L	600mm c/s
Cornus alba 'Sibirica'	600-800mm	3L	600mm c/s
Cornus sanguinea	400-600mm	OG	750mm c/s
Cornus sanguinea 'Mid-Winter Fire'	450-600mm	3L	600mm c/s
Cornus stolonifera 'Flaviramea'	600-800mm	3L	600mm c/s
Escallonia 'Apple Blossom'	400-600mm	3L	600mm c/s
Pyracantha 'Saphyr Orange'	400-600mm	3L	600mm c/s
Rosa canina	400-600mm	OG	750mm c/s
Ulex europaeus	400-600mm	OG	750mm c/s
Viburnum tinus 'Eve Price'	200-300mm	3L	750mm c/s



PROPOSED WOODLAND MIX PLANTING (113,568 m<sup>2</sup>)  
(300mm depth of topsoil onto 600mm depth subsoil)  
Where woodland or thicket is planted next to a hard surface/kerb/fence, it should be positioned 1m from the edge.

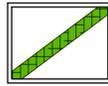
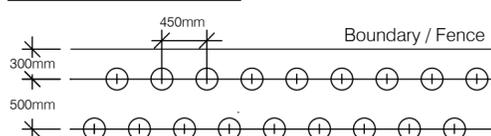
Trees species (indicated thus \*) are to be planted in single species groups of 7-11 at 3m apart. Shrubs to be planted in groups of 7-15 of the same species on a 1.5m grid.

%	Species	Common Name	Size	Age	Root/Pot Size	Quantities
10%	Alnus glutinosa*	Alder	600-800mm	1+1	OG	4,997 no.
5%	Betula pubescens *	Downy Birch	600-800mm	1+1	OG	2,498 no.
25%	Corylus avellana	Hazel	600-800mm	1+1	OG	12,493 no.
35%	Crataegus monogyna	Hawthorn	600-800mm	1+1	OG	17,490 no.
5%	Ilex aquifolium	Holly	600-800mm	2L	OG	2,498 no.
5%	Malus sylvestris *	Crab apple	600-800mm	1+1	OG	2,498 no.
5%	Prunus spinosa	Blackthorn	600-800mm	1+1	OG	2,498 no.
5%	Quercus robur *	Pedunculate oak	600-800mm	1+1	OG	2,498 no.
						47,470 no.

Feathered Trees - Well furnished with lateral roots to the base to be planted within the 1.5m grid at 3m centres.

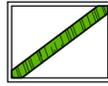
%	Species	Common Name	Size	Root	Quantities
1%	Acer campestre *	Field Maple	1.8-2.1m height	Bare rooted (wrapped)	500 no.
1%	Alnus glutinosa *	Alder	1.8-2.1m height	Bare rooted (wrapped)	500 no.
1%	Betula pubescens *	Downy Birch	1.8-2.1m height	Bare rooted (wrapped)	500 no.
1%	Prunus avium *	Wild Cherry	1.8-2.1m height	Bare rooted (wrapped)	500 no.
1%	Quercus robur *	Pedunculate oak	1.8-2.1m height	Bare rooted (wrapped)	500 no.
					2,500 no.

**HEDGE PLANTING DETAIL 1:50**



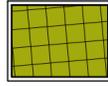
CLIPPED HEDGEROW (953 lin/m)  
(300mm depth of topsoil onto 300mm depth subsoil)  
Planted at 450mm centres in a double staggered row. Rows to be 500mm apart.

%	Species	Size	Pot Size	Quantities
100	Carpinus betulus	450-600mm	3L (Bushy plant min 5 breaks)	2,118 no.
100	Escallonia 'Apple Blossom'	400-600mm	3L	2,118 no.



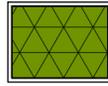
PROPOSED INDIGENOUS HEDGEROW (5,489 lin/m)  
(300mm depth of topsoil onto 600mm depth subsoil)  
Planted at 450mm centres in a double staggered row. Rows to be 500mm apart.

%	Species	Common Name	Size	Age	Root	Quantities
10%	Cornus sanguinea	Dogwood	600-800mm	1+1	OG	2,439 no.
10%	Corylus avellana	Hazel	600-800mm	1+1	OG	2,439 no.
50%	Crataegus monogyna	Hawthorn	600-800mm	1+1	OG	12,198 no.
2.5%	Ilex aquifolium	Holly	600-800mm	2L	OG	610 no.
2.5%	Ligustrum vulgare	Privet	600-800mm	1+1	OG	610 no.
10%	Prunus spinosa	Blackthorn	600-800mm	1+1	OG	2,440 no.
5%	Rosa canina	Dog rose	600-800mm	1+1	OG	1,220 no.
5%	Ulmus glabra	Wych Elm	600-800mm	1+1	OG	1,220 no.
5%	Viburnum opulus	Guelder Rose	600-800mm	1+1	OG	1,220 no.
						24,396 no.



PROPOSED THICKET MIX PLANTING (45,246 m<sup>2</sup>)  
(300mm depth of topsoil onto 600mm depth subsoil)  
Where woodland or thicket is planted next to a hard surface/kerb/fence, it should be positioned 1m from the edge. Transplants planted in groups of 7-15 of the same species on a 1.0m grid.

%	Species	Common Name	Size	Age	Root/Pot Size	Quantities
10%	Acer campestre	Field Maple	600-800mm	1+1	OG	4,525 no.
10%	Cornus sanguinea	Dogwood	600-800mm	1+1	OG	4,525 no.
15%	Corylus avellana	Hazel	600-800mm	1+1	OG	6,787 no.
20%	Crataegus monogyna	Hawthorn	600-800mm	1+1	OG	9,049 no.
5%	Ilex aquifolium	Holly	600-800mm	2L	OG	2,262 no.
5%	Ligustrum vulgare	Privet	600-800mm	1+1	OG	2,262 no.
10%	Prunus spinosa	Blackthorn	600-800mm	1+1	OG	4,525 no.
5%	Rosa canina	Dog rose	600-800mm	1+1	OG	2,262 no.
5%	Salix caprea	Goat willow	600-800mm	0+1	OG	2,262 no.
5%	Sambucus nigra	Elder	600-800mm	1+1	OG	2,262 no.
10%	Viburnum opulus	Guelder Rose	600-800mm	1+1	OG	4,525 no.
						45,246 no.

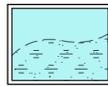


PROPOSED WET WOODLAND PLANTING (32,860 m<sup>2</sup>)  
(300mm depth of topsoil onto 600mm depth subsoil)  
Trees species (indicated thus\*) are to be planted in single species groups of 7-11 at 3m apart. Shrubs to be planted in groups of 7-15 of the same species on a 1.5m grid.

%	Species	Common Name	Size	Age	Root/Pot Size	Quantities
20%	Alnus glutinosa*	Alder	600-800mm	1+1	OG	2,891 no.
15%	Betula pubescens *	Downy Birch	600-800mm	1+1	OG	2,168 no.
5%	Cornus sanguinea	Dogwood	600-800mm	1+1	OG	723 no.
5%	Crataegus monogyna	Hawthorn	600-800mm	1+1	OG	723 no.
10%	Salix cinerea	Grey willow	600-800mm	0+1	OG	1,446 no.
10%	Salix caprea	Goat willow	600-800mm	0+1	OG	1,446 no.
10%	Salix purpurea	Purple willow	600-120mm	0+1	OG	1,446 no.
10%	Salix viminalis	Osier willow	600-120mm	0+1	OG	1,446 no.
10%	Viburnum opulus	Guelder Rose	600-800mm	1+1	OG	1,446 no.
						13,735 no.

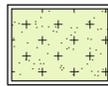
Feathered Trees - Well furnished with lateral roots to the base to be planted within the 1.5m grid at 3m centres.

%	Species	Common Name	Size	Root	Quantities
2%	Alnus glutinosa *	Alder	1.8-2.1m height	Bare rooted (wrapped)	289 no.
2%	Betula pubescens *	Downy Birch	1.8-2.1m height	Bare rooted (wrapped)	289 no.
1%	Salix alba *	White Willow	1.8-2.1m height	Bare rooted (wrapped)	145 no.
					723 no.

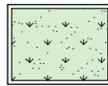


PROPOSED REEDBED AREAS (1,885 m<sup>2</sup>)

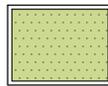
Species	Pot Size	Spacing	Quantities
Phragmites australis	9cm	600mm c/s	5,090 no.



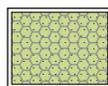
PROPOSED WILDFLOWER GRASS SEED (General areas) (78,729 m<sup>2</sup>)  
(Cultivated subsoil to a depth of 300mm)  
Emorsgate EM1 General Purpose Meadow Mixture at a rate of 4g/m<sup>2</sup>.



PROPOSED WILDFLOWER GRASS SEED (Attenuation & Wetland Areas) (91,712 m<sup>2</sup>)  
(Cultivated subsoil to a depth of 300mm)  
Any areas disturbed by drainage works to be seeded with Emorsgate EM8 Meadow Mixture for Wetlands at a rate of 4g/m<sup>2</sup>.



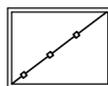
PROPOSED CLOSE MOWN GRASS AREAS (19,336 m<sup>2</sup>)  
(150mm depth of topsoil onto 300mm depth subsoil)  
DLF Trifolium Promaster 120 slowgrowth at a rate of 35-50g/m<sup>2</sup>.



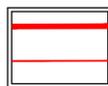
REINFORCED GRASS SURFACE TO ENGINEERS AND MANUFACTURERS SPECIFICATIONS  
(Cultivated soil to manufacturers specification)  
DLF Trifolium Promaster 120 slowgrowth at a rate of 35-50g/m<sup>2</sup>.



GRAVEL OR HARD SURFACE AREAS  
(Within service yard areas to avoid needs for landscape maintenance adjacent to operational HGV traffic)

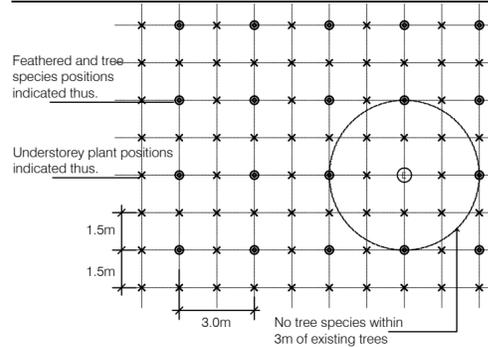


FENCE

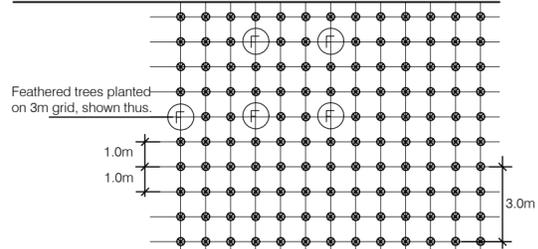


PLANNING APPLICATION BOUNDARY  
PLOT BOUNDARY

**WOODLAND THICKET MIX - LAYOUT GRID 1:200**



**WOODLAND EDGE THICKET MIX - LAYOUT GRID 1:200**



- P8. Removal of WB foraging areas to LPA comments. 31/10/2024 MG
- P7. Various addition of quantities. 24/08/2024 MGO
- P6. Addition of landscape maintenance compound. 18/06/2024 MGO
- P5. Amendments as requested by FPCR. 20/05/2024 MGO
- P4. Additional notes within key. 27/03/2024 MGO
- P3. Additional notes within key. 20/11/2023 MGO
- P2. Issued for planning purposes and addition of wet woodland planting mix. 09/03/2023 MGO
- P1. Preliminary issue for team comment/approval. 16/08/2022 MG

Barnsley Road  
Goldthorpe



Barry Chinn Associates Ltd.

www.bca-landscape.com

Landscape Species Schedule

Drawing Status:	For Planning
CAD Reference:	CAD REF: 2267/22-GOL-BCA-ELS-XX-DR-L-2267/22-01-S4-010
Drawn:	MG
Date:	16/08/2022
Scale @A2:	1:500
Project No:	2267/22 GOL-BCA-ELS-XX-DR-L-2267/22-01-S4-P8
Drawing No:	Rev: