

**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**



**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
AcS	Acer campestre 'Streetwise'
ApC	Acer platanoides 'Columnare'
Ar	Acer rubrum
Cb	Carpinus betulus
PaP	Prunus avium 'Plena'
PcC	Pyrus calleryana 'Chanticleer'
Tc	Tilia cordata 'Greenspire'
UNH	Ulmus 'New Horizon'



**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
Ac	Acer campestre
Ag	Alnus glutinosa
Al	Amelanchier lamarkii 'Robin Hill'
Cl	Crataegus laevigata 'Pauls Scarlet'
Pa	Prunus avium
Sal	Salix alba
Sa	Sorbus aucuparia



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

Tree Species	Common name
Ac	Acer campestre
Ag	Alnus glutinosa
Bp	Betula pendula
Bpu	Betula pubescens
Pt	Populus tremula
Pa	Prunus avium
Qr	Quercus robur



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

Tree Species	Common name
Ba	Betula albosinensis
BuJ	Betula utilis 'Jermyns'
SaB	Salix alba 'Britzensis'



**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**  
(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**  
(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**  
(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.

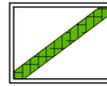
Trees species (indicated thus \*) are to be planted in single species groups of 7-11 at 3m apart. Shrubs to be planted in groups of 7-15 of the same species on a 1.5m grid.

%	Species	Common Name	Size	Age	Root/Pot Size
10%	Alnus glutinosa*	Alder	600-800mm	1+1	OG
5%	Betula pubescens *	Downy Birch	600-800mm	1+1	OG
25%	Corylus avellana	Hazel	600-800mm	1+1	OG
35%	Crataegus monogyna	Hawthorn	600-800mm	1+1	OG
5%	Ilex aquifolium	Holly	600-800mm	2L	
5%	Malus sylvestris *	Crab apple	600-800mm	1+1	OG
5%	Prunus spinosa	Blackthorn	600-800mm	1+1	OG
5%	Quercus robur *	Pedunculate oak	600-800mm	1+1	OG

**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
1%	Acer campestre *	Field Maple	1.8-2.1m height	Bare rooted (wrapped)
1%	Alnus glutinosa *	Alder	1.8-2.1m height	Bare rooted (wrapped)
1%	Betula pubescens *	Downy Birch	1.8-2.1m height	Bare rooted (wrapped)
1%	Prunus avium *	Wild Cherry	1.8-2.1m height	Bare rooted (wrapped)
1%	Quercus robur *	Pedunculate oak	1.8-2.1m height	Bare rooted (wrapped)

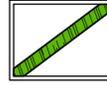
**Note:**  
This drawing is to be read in conjunction with BCA Landscape Proposals drawings



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

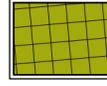
%	Species	Size	Pot Size
100	Carpinus betulus	450-600mm	3L
100	Escallonia 'Apple Blossom'	400-600mm	3L

(Bushy plant min 5 breaks)



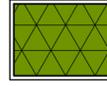
**PROPOSED INDIGENOUS HEDGEROW**  
(300mm depth of topsoil onto 600mm depth subsoil)  
Planted at 450mm centres in a double staggered row. Rows to be 500mm apart.

%	Species	Common Name	Size	Age	Root
10%	Cornus sanguinea	Dogwood	600-800mm	1+1	OG
10%	Corylus avellana	Hazel	600-800mm	1+1	OG
50%	Crataegus monogyna	Hawthorn	600-800mm	1+1	OG
2.5%	Ilex aquifolium	Holly	600-800mm	2L	
2.5%	Ligustrum vulgare	Privet	600-800mm	1+1	OG
10%	Prunus spinosa	Blackthorn	600-800mm	1+1	OG
5%	Rosa canina	Dog rose	600-800mm	1+1	OG
5%	Ulmus glabra	Wych Elm	600-800mm	1+1	OG
5%	Viburnum opulus	Guelder Rose	600-800mm	1+1	OG



**PROPOSED THICKET MIX PLANTING**  
(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
10%	Acer campestre	Field Maple	600-800mm	1+1	OG
10%	Cornus sanguinea	Dogwood	600-800mm	1+1	OG
15%	Corylus avellana	Hazel	600-800mm	1+1	OG
20%	Crataegus monogyna	Hawthorn	600-800mm	1+1	OG
5%	Ilex aquifolium	Holly	600-800mm	2L	
5%	Ligustrum vulgare	Privet	600-800mm	1+1	OG
10%	Prunus spinosa	Blackthorn	600-800mm	1+1	OG
5%	Rosa canina	Dog rose	600-800mm	1+1	OG
5%	Salix caprea	Goat willow	600-800mm	0+1	OG
5%	Sambucus nigra	Elder	600-800mm	1+1	OG
10%	Viburnum opulus	Guelder Rose	600-800mm	1+1	OG

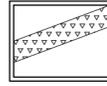


**PROPOSED WET WOODLAND PLANTING**  
(300mm depth of topsoil onto 600mm depth subsoil)  
Trees species (indicated thus\*) are to be planted in single species groups of 7-11 at 3m apart. Shrubs to be planted in groups of 7-15 of the same species on a 1.5m grid.

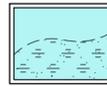
%	Species	Common Name	Size	Age	Root/Pot Size
20%	Alnus glutinosa*	Alder	600-800mm	1+1	OG
15%	Betula pubescens *	Downy Birch	600-800mm	1+1	OG
5%	Cornus sanguinea	Dogwood	600-800mm	1+1	OG
5%	Crataegus monogyna	Hawthorn	600-800mm	1+1	OG
10%	Salix cinerea	Grey willow	600-800mm	0+1	OG
10%	Salix caprea	Goat willow	600-800mm	0+1	OG
10%	Salix purpurea	Purple willow	600-120mm	0+1	OG
10%	Salix viminalis	Osier willow	600-120mm	0+1	OG
10%	Viburnum opulus	Guelder Rose	600-800mm	1+1	OG

**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
2%	Alnus glutinosa *	Alder	1.8-2.1m height	Bare rooted (wrapped)
2%	Betula pubescens *	Downy Birch	1.8-2.1m height	Bare rooted (wrapped)
1%	Salix alba *	White Willow	1.8-2.1m height	Bare rooted (wrapped)

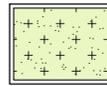


**PROPOSED WILDFLOWER GRASS SEED** (Wet marginal areas to ponds/swales/ attenuation areas)  
(Cultivated subsoil to a depth of 300mm)  
Areas along average water line to be seeded with Emorsgate EP1 Pond Edge Mixture at a rate of 4g/m2.

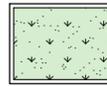


**PROPOSED REEDBED AREAS**

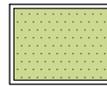
Species	Pot Size	Spacing
Phragmites australis	9cm	600mm c/s



**PROPOSED WILDFLOWER GRASS SEED** (General areas)  
(Cultivated subsoil to a depth of 300mm)  
Emorsgate EM1 General Purpose Meadow Mixture at a rate of 4g/m2.



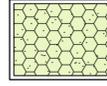
**PROPOSED WILDFLOWER GRASS SEED** (Attenuation & Wetland Areas)  
(Cultivated subsoil to a depth of 300mm)  
Any areas disturbed by drainage works to be seeded with Emorsgate EM8 Meadow Mixture for Wetlands at a rate of 4g/m2.



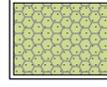
**PROPOSED CLOSE MOWN GRASS AREAS**  
(150mm depth of topsoil onto 300mm depth subsoil)  
DLF Trifolium Promaster 120 slowgrowth at a rate of 35-50g/m2.



**WINTERING BIRD FORAGE STRIPS**  
(Cultivated subsoil to a depth of 300mm)  
Shepherd Seeds Supplementary Feeding AB12 Mixture or similar.  
To be approved by Ecologists at FPCR.



**REINFORCED SURFACE WITH SPECIES RICH GRASS SEED MIX - FIRE TRACK & MAINTENANCE ACCESS** (Cultivated soil to manufacturers specification)  
Emorsgate EN1F Special Pollen & Nectar Wild Flowers at a rate of 1.5g/m2.

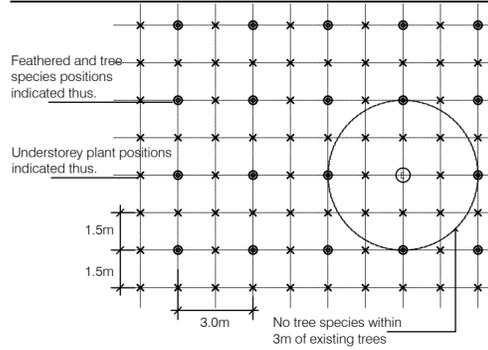


**REINFORCED GRASS SURFACE TO ENGINEERS AND MANUFACTURERS SPECIFICATIONS**  
(Cultivated soil to manufacturers specification)  
DLF Trifolium Promaster 120 slowgrowth at a rate of 35-50g/m2.

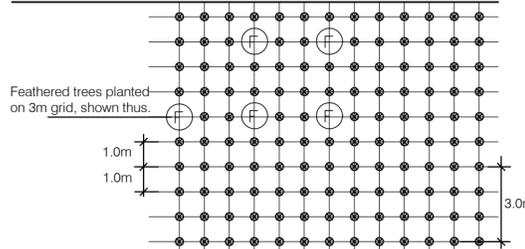


**GRAVEL OR HARD SURFACE AREAS**  
(Within service yard areas to avoid needs for landscape maintenance adjacent to operational HGV traffic)

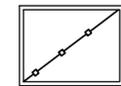
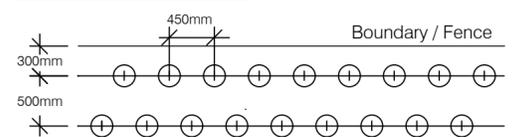
**WOODLAND THICKET MIX - LAYOUT GRID 1:200**



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



**HEDGE PLANTING DETAIL 1:50**



FENCE



PLANNING APPLICATION BOUNDARY



PLOT BOUNDARY

**Revisions**

Rev	Description	Date	By
P1	Preliminary issue for team comment/approval.	16/08/2022	MG
P2	Issued for planning purposes and addition of wet woodland planting mix.	09/03/2023	MGO
P3	Additional notes within key.	20/11/2023	MGO
P4	Additional notes within key.	27/03/2024	MGO
P5	Amendments as requested by FPCR.	20/05/2024	MGO
P6	Addition of landscape maintenance compound.	18/06/2024	MGO

Barnsley Road  
Goldthorpe



Barry Chinn Associates Ltd.

www.bca-landscape.com

Landscape Species Schedule

Drawing Status:	For Planning
CAD Reference:	2267-22-01-Soft-Lscsp-spp-schedule.dwg
Drawn:	MG
Date:	16/08/2022
Scale @A2:	1:500

Project No: 2267/22  
Drawing No: GOL-BCA-ELS-XX-DR-L-2267/22-01-S4-P6