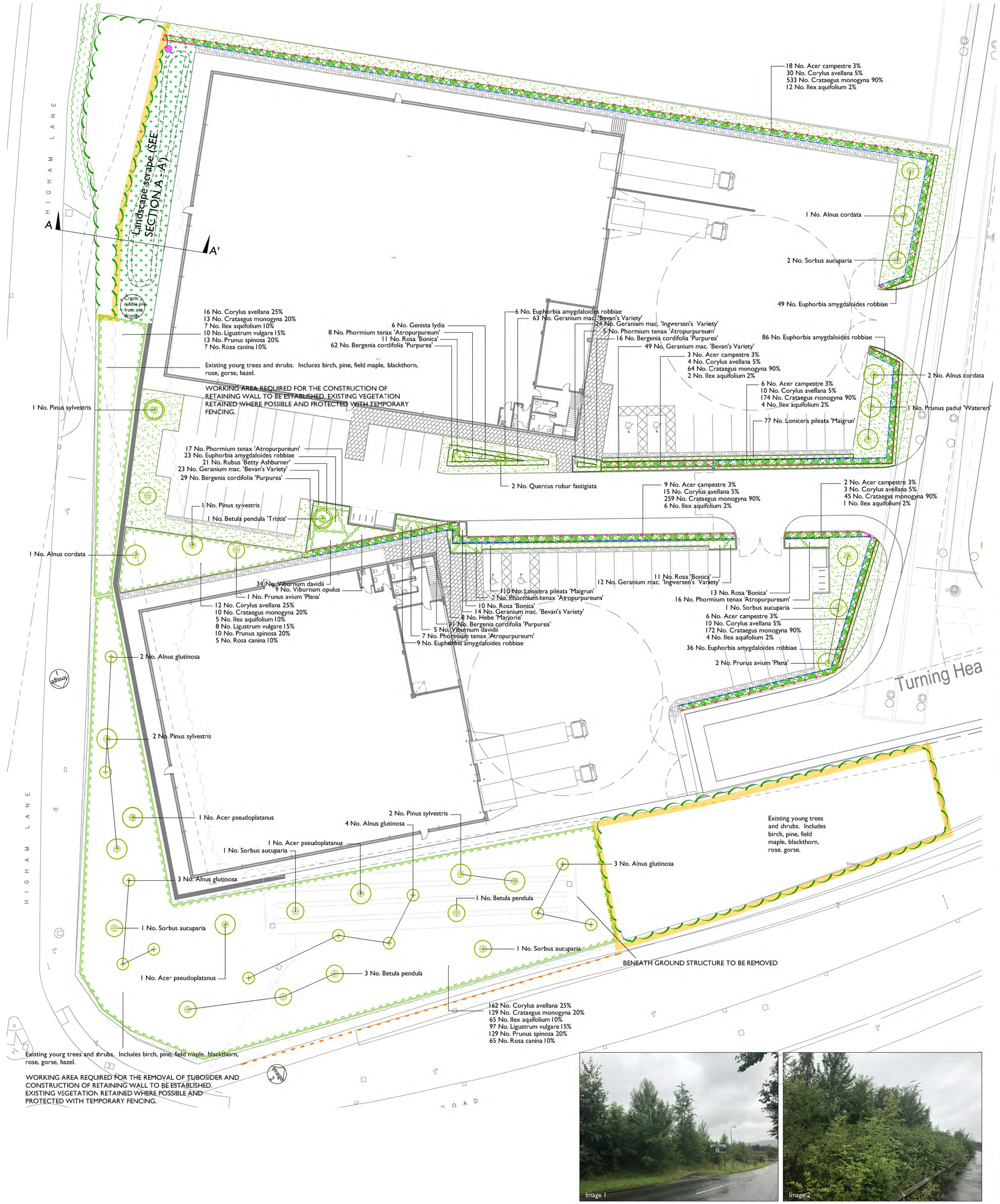
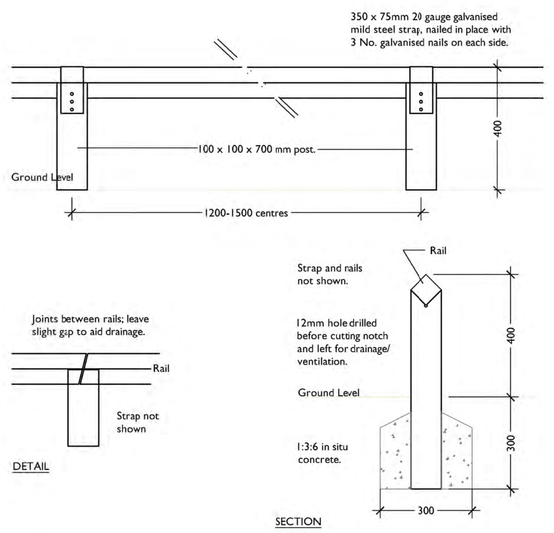
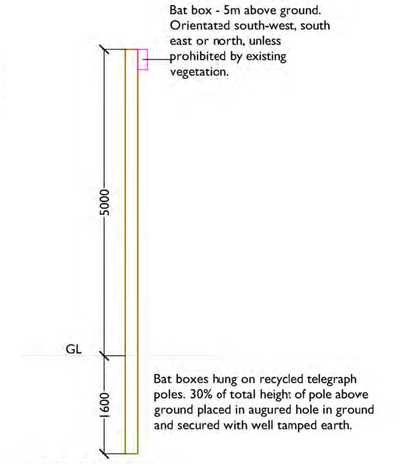




1) All notch cuts to tops of posts are to be made prior to preservative treatment being applied.
2) All timber is to be treated with an approved pressure-impregnated preservative.
3) All timber is to be sawn softwood.
4) All ironmongery is o be galvanised.
5) All timber should bi stained with colour to be approved.
6) Posts are to be positioned at 1200-1500 mm centres , at all changes in direction, a nd at all interse ctions.

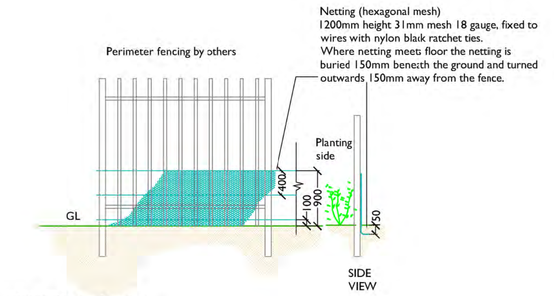
DT05 - Birds Mouth Timber Knee Rail
SCALE 1:10



DT04 - Bat box tower
Scale 1:50

BOX 1				
Model	**General Purpose Bat Box 2F with double fronted panel**			
Number	**1No.**			
Make	**Schwegler**			
	This general purpose model is suitable for many situations. The wooden panel on the inside of the box provides inner spaces of different temperatures.			
Installation	Boxes to face south-west, south-east or north, at a minimum height of 4m and positioned to provide a clear flight path and out of strong winds. Can be hung from wall or tree and is supplied with aluminium nail.			
Dimensions	Diameter: 16 cm Height: 33 cm Weight: 3.8 kg			
Cleaning	The front panel can be removed. Cleaning should only be conducted by a licensed bat worker.			





DT03 - Rabbit Proof Fencing attached to existing fencing
Scale - 1:20

Native Hedge

Hedgerow to be planted at 5 plants per linear metre in a double staggered row within rabbit proof fencing refer to detail.

Shrub Mix

To be planted at 1.5m centres
Protect <50-800mm high plants with 600mm high Nylon shrub guards, attached with ratchet ties to 25mm square x 900mm long softwood stake. To be mulched throughout.

Grass and Wildflower seeding

BREEAM specific grass and wildflower mix by Germinal
www.germinal.com

%	Code	Name
80	WP220	Eco Species Rich Lawn
15	WP3	General Purpose Notarial Soils
5	WP10	Cornfield Annuals

Sow at 15-20g/m²

Key
SF Soft Landscaping

- Existing vegetation retained
- Existing vegetation removed
- Existing grass verge
- TURF — Grass - turf
- Grass - seed
- Proposed ornamental planting
- Proposed hedge
- Proposed tree feathered
- Proposed tree heavy standard 12- 4cm girth
- Proposed tree extra heavy standard 14- 6cm girth
- Proposed woodland shrub mix
- Grass and wildflower seeding - BREEAM mix from Germinal (see specification)

Key
SF Hard Landscaping

- Gravel car park edge strips - see DT01
- Location of telegraph pole with bat boxes - see DT04

Key
SF Fencing/boundaries

- Rabbit proof fencing - see DT02
- Rabbit netting fixed to site perimeter fence - see DT03
- Existing bird's mouth timber knee rail - replace if damaged during construction - see DT05
- Location of 'Heras' fencing fixed to ground in accordance with BS 5837:2012, maintained for duration of construction works.

Specimen Planting

No.	Species Name	Specification	Girth	Height
3 No.	Acer pseudoplatanus		12-14cm	
4 No.	Alnus cordata	Extra Heavy Standard	14-16cm	
12 No.	Alnus glutinosa	Feather		4.0-4.5m
4 No.	Betula pendula	Heavy Standard	12-14cm	
1 No.	Betula pendula 'Tristis'	Heavy Standard	12-14cm	
6 No.	Pinus sylvestris	Rootball		300-350cm
1 No.	Prunus avium 'Plena'	Heavy Standard	12-14cm	
2 No.	Prunus avium 'Plena'	Extra Heavy Standard	14-16cm	
1 No.	Prunus padus 'Waterei'	Extra Heavy Standard	14-16cm	
2 No.	Quercus robur fastigiata	Feather		3.5-4.0m
6 No.	Sorbus aucuparia	Heavy Standard	12-14cm	

Mix Schedules

SF 2651 Native Hedge Mix

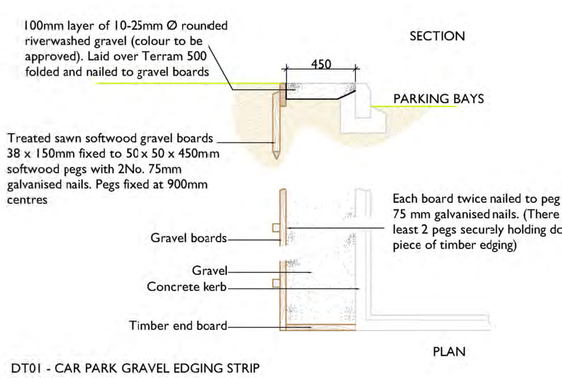
Number	Species	Height	Density	Mix Species Contribution
44 No.	Acer campestre	60-90cm	5/m	3%
72 No.	Corylus avellana	60-90cm	5/m	5%
1247 No.	Crataegus monogyna	60-90cm	5/m	90%
29 No.	Ilex aquifolium	Selected to 90cm	5/m	2%
Total :1392 No.				Total :100%

SF 2651 Shrub Mix

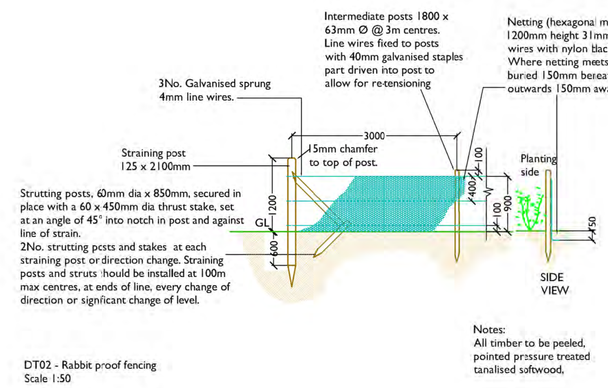
Number	Species	Height	Density	Mix Species Contribution
190 No.	Corylus avellana	60-80cm	1.5Ctr	25%
152 No.	Crataegus monogyna	60-80cm	1.5Ctr	20%
77 No.	Ilex aquifolium	40-60cm	1.5Ctr	10%
115 No.	Ligustrum vulgare	40-60cm	1.5Ctr	15%
152 No.	Prunus spinosa	60-80cm	1.5Ctr	20%
77 No.	Rosa canina	40-60cm	1.5Ctr	10%
Total :763 No.				Total :100%

Planting Areas

No.	Species Name	Height	Pot Size	Specification	Density
138 No.	Bergenia cordifolia 'Purpurea'		2L		8/m²
209 No.	Euphorbia amygdaloides robbiae		1L	350mm centres: double staggered row	5/m²
6 No.	Genista lydia	30-40cm	3L	Bushy	4/m²
149 No.	Geranium mac. 'Bevan's Variety'		2L		8/m²
36 No.	Geranium mac. 'Ingwersen's Variety'		2L		8/m²
8 No.	Hebe 'Marjorie'	30-40cm	3L	Bushy	4/m²
187 No.	Lonicera pileata 'Maigrun'		2L	350mm centres: double staggered row	5/m²
60 No.	Phormium tenax 'Atropurpureum'	40-60cm	5L		4/m²
45 No.	Rosa 'Bonica'		5L		4/m²
21 No.	Rubus Betty Ashburner'	10-20cm	3L		4/m²
39 No.	Viburnum davidii	40-60cm	5L	Bushy	4/m²
9 No.	Viburnum opulus	45-60cm	3L		1/m²

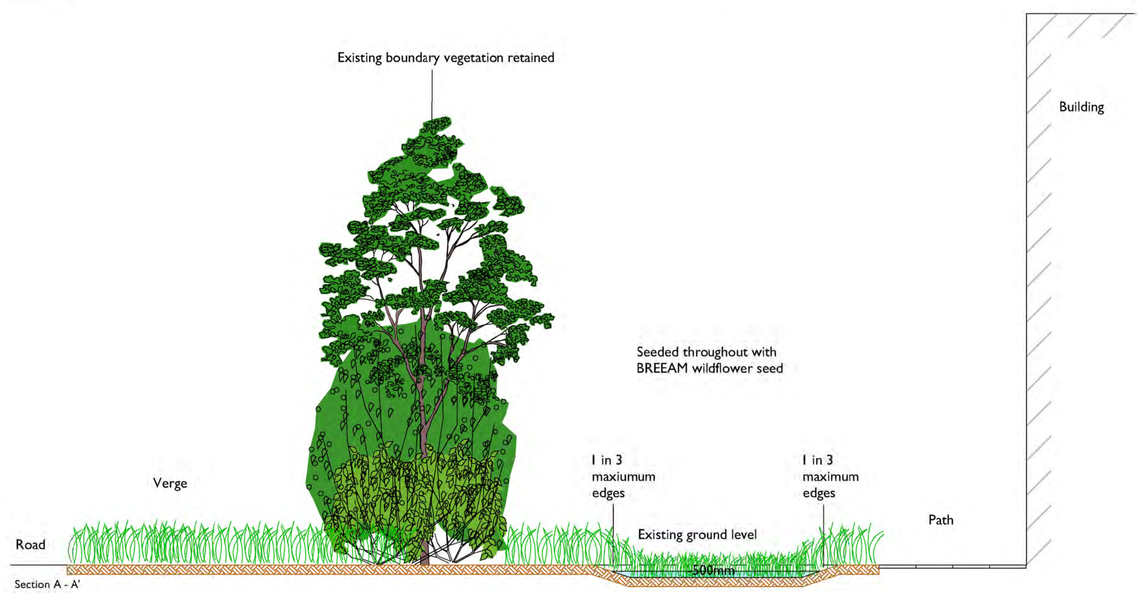


DT01 - CAR PARK GRAVEL EDGING STRIP
Scale 1:20



DT02 - Rabbit proof fencing
Scale 1:50

Notes:
All timber to be peeled, pointed pressure treated tanalised softwood.



Section A - A'
Scale 1:50
LANDSCAPE SCRAPE

NORTH

Rev.	Date		Drawn	Checked

SMEEDEN FOREMAN

Project	Units B&C Capital Park, Barnsley
Title	Landscape Proposals
Scale	1:200 @A0 Drawn by FH
Date	09.08.17 Checked MS
Project No.	SF 2712
Drawing No.	LL01
Rev	

Landscape Architects - Urban Designers
Ecologists - Horticulturists

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