Existing hedgerow to be retained and managed.

Base of hedgerow to be seeded with hedgerow grass mix.

Hedgerow Planting - 30 plants

Acer campestre	5
Cornus sanguinea	5
Crataegus monogyna	5
Prunus spinosa	5
Sambucus nigra	5
Viburnum opulus	5

Native Shrub Planting - 17 plants

Cornus sanguinea	1
Corylus avellana	1
Crataegus monogyna	6
Ilex aquifolium	1
Prunus avium	2
Prunus spinosa	3
Rosa canina	3

Selective thinning to existing vegetation along brook corridor.

Linear scrape to be created adjacent to brook corridor. To be seeded with wet grassland mix.

Seasonal pools to be sown with wet grassland mix.

Native Shrub Planting - 200 plants

Cornus sanguinea	10
Corylus avellana	10
Crataegus monogyna	60
Ilex aquifolium	10
Prunus avium	30
Prunus spinosa	40
Rosa canina	40

Area of new grassland to be created and seeded with species rich meadow grassland mix with areas of native scattered shrub planting.

Approximate line of vehicle barrier.

Seasonal pools to be sown with wet grassland mix.

Seasonal pools to be sown with wet grassland mix.

New backwater to be created - see engineering details.

Areas of channel to be over-deepened - see engineering details.

Brook alignment to be re-profiled and scalloped to soften channel - see engineering details.

Indicative location of retaining feature.

Small areas of native shrub planting to be planted on embankments.

Bank to be re-profiled and seeded with species rich meadow grassland mix.

Native Shrub Planting - 64 plants

Cornus sanguinea	4
Corylus avellana	4
Crataegus monogyna	19
Ilex aquifolium	4
Prunus avium	9
Prunus spinosa	12
Rosa canina	12

Top of bank to be seeded with flowering lawn mix.

Existing concrete retaining wall to be retained but lowered.

Path (um)

Track

Farm

KING EDWARD STREET

Cecily Terrace

Outfall

B5417 OAKAMOOR ROAD

NOTES

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Ordnance Survey base mapping - supplied by client.

N

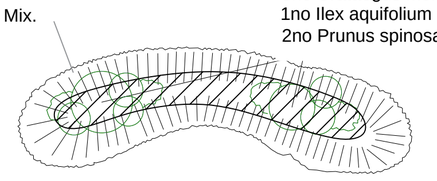
0 10 20 30 40 50m

KEY

- Site Boundary
- Existing Tree to be Retained (with RPA)
- Existing Tree to be Removed
- Existing Hedge to be Removed
- Existing Hedge to be Retained (with RPA)
- Proposed Native Hedgerow Planting
- Proposed Native Shrub Planting
- Proposed Species Rich Meadow Grassland Emorsgate Mix EM3/ locally sourced forbs rich grassland mix.
- Flowering Lawn Mix Emorsgate Mix EL1.
- Wetland Grass Mix Emorsgate Mix EM8.
- Hedgerow Grass Mix Emorsgate Mix EH1.
- Location of 3no Hibernacula (log/turf construction) - see Detail 1
- Location of 2no Bee Banks (earth bank seeded with proposed Emorsgate Mix EM3 or EL1) - see Detail 2

Planting to comprise notch planting of the following shrubs:
3no Crataegus monogyna 40-60cm
1no Ilex aquifolium 5LC
2no Prunus spinosa 60-80cm

To be seeded with EM3 Mix.

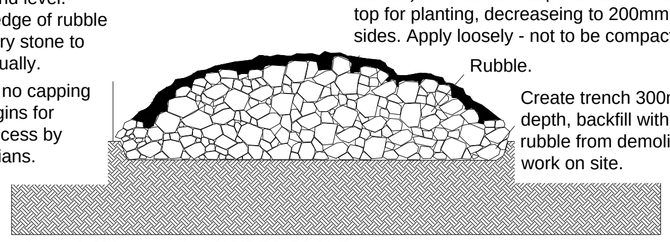


Plan to show Hibernacula - NOT TO SCALE

Height of rubble 700mm above ground level. Formulise edge of rubble using rockery stone to improve visually.

Capping layer to compromise soil (top or subsoil) to maximum depth of 250mm on the top for planting, decreaseing to 200mm on sides. Apply loosely - not to be compacted.

Little or no capping on margins for easy access by amphibians.



Section through Hibernacula - NOT TO SCALE

DETAIL 1. HIBERNACULA (Dimensions: L2000mm x H1000mm x D1000mm)

PLANT SCHEDULE

HEDGEROW PLANTING

Species	Size	Number
Acer campestre	60-80cm br	5
Cornus sanguinea	60-80cm br	5
Crataegus monogyna	60-80cm br	5
Prunus spinosa	80-100cm br	5
Sambucus nigra	80-100cm br	5
Viburnum opulus	80-100cm br	5

To be planted in groups of 3-5 plants at 5 plants per linear m, double staggered row. Plants to be protected by stakes and rabbit guards or similar.

NATIVE SHRUB PLANTING

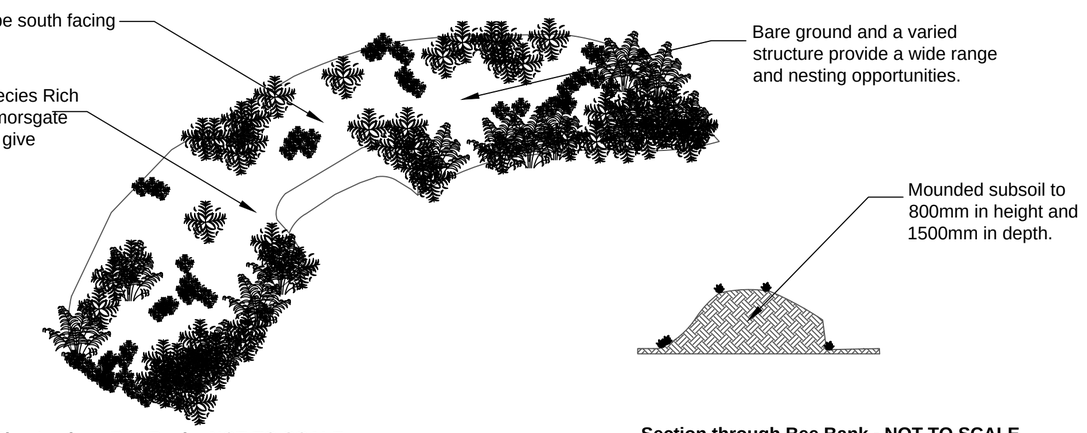
Species	Size	%	Number
Cornus sanguinea	40-60cm br	5	14
Corylus avellana	40-60cm br	5	14
Crataegus monogyna	40-60cm br	30	85
Ilex aquifolium	5LC	5	14
Prunus avium	40-60cm br	15	42
Prunus spinosa	60-80cm br	20	66
Rosa canina	60-80cm br	20	66

To be notch planted with rabbit protection and staked. Plant at 1 plant /m2 in random matrix formation, with 7,9,11 or 15no plants in each singe species group.

HIBERNACULA PLANTING

Species		Number
Crataegus monogyna	40-60cm br	3
Ilex aquifolium	5LC	1
Prunus spinosa	60-80cm br	2

To be notch planted with rabbit protection and staked.



Plan to show Bee Bank - NOT TO SCALE

Section through Bee Bank - NOT TO SCALE

DETAIL 2. BEE BANK (Dimensions: L3000mm x H800mm x D1500mm)

rev	date	description	drn	chkd
H	18.11.2019	Amendments to retaining feature label	IZ	CEH
G	13.11.2019	Amendments to pond labels	IZ	CEH
F	13.11.2019	Amendments to key and labels	IZ	CEH
E	12.11.2019	Amendments to bee bank and hibernacula notes	IZ	CEH
D	11.11.2019	Bee bank and hibernacula detail drawings	IZ	CEH
C	01.11.2019	Indicative locations of hibernacula and invertebrate bank	IZ	CEH
B	31.10.2019	Area of native shrub planting increased	IZ	CEH
A	22.10.2019	Further annotation added	AJF	CEH
-	21.10.2019	Draft issue.	AJF	CEH

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Bellway Homes

project
Cecilly Mills
Cheadle

drawing title
Brook Enhancement Proposals

scale	drawn / checked	revision date
1:500 @ A1	IZ / CEH	18 November 2019

drawing number
8957-L-08

rev
H

CAD file: K:\8900\8957\LANDS\Plans\8957_L_08H_Brook Enhancement Proposals.dwg