



INDICATIVE WOODLAND PLANTING	
Species - Botanical name	Species - Common name
<i>Acer campestre</i>	Field Maple
<i>Alnus glutinosa</i>	Alder
<i>Carpinus betulus</i>	Hornbeam
<i>Corylus avellana</i>	Hazel
<i>Crataegus monogyna</i>	Hawthorn
<i>Fagus sylvatica</i>	Beech
<i>Ilex aquifolium</i>	Holly
<i>Malus sylvestris</i>	Crab Apple
<i>Pinus sylvestris</i>	Scots Pine
<i>Prunus avium</i>	Bird cherry
<i>Prunus spinosa</i>	Blackthorn
<i>Quercus robur</i>	English Oak
<i>Rosa canina</i>	Dog Rose
<i>Salix caprea</i>	Goat Willow

INDICATIVE LINEAR BELT OF TREES AND SHRUBS PLANTING	
Species - Botanical name	Species - Common name
<i>Acer campestre</i>	Field Maple
<i>Betula pendula</i>	Silver birch
<i>Corylus avellana</i>	Hazel
<i>Crataegus monogyna</i>	Hawthorn
<i>Ilex aquifolium</i>	Holly
<i>Lonicera periclymenum</i>	Honeysuckle
<i>Malus sylvestris</i>	Crab Apple
<i>Pinus sylvestris</i>	Scots Pine
<i>Prunus avium</i>	Bird cherry
<i>Sambucus nigra</i>	Elder
<i>Viburnum opulus</i>	Gelder Rose

INDICATIVE SPECIMEN TREES	
Species - Botanical name	Species - Common name
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<i>Carpinus betulus</i>	Hornbeam
<i>Euonymus europaea</i>	Spindle
<i>Fagus sylvatica</i>	Beech
<i>Quercus robur</i>	English Oak
<i>Sambucus nigra</i>	Elder
<i>Sorbus aucuparia</i>	Rowan

INDICATIVE HEDGEROW PLANTING	
Species - Botanical name	Species - Common name
<i>Crataegus monogyna</i>	Hawthorn
<i>Clematis vitalba</i>	Clematis
<i>Corylus avellana</i>	Hazel
<i>Ilex aquifolium</i>	Holly
<i>Malus sylvestris</i>	Crab Apple
<i>Prunus spinosa</i>	Blackthorn
<i>Viburnum opulus</i>	Gelder Rose

INDICATIVE SEED MIXTURES	
Mixture	Seeding rate g/m <sup>2</sup>
A4: Low Maintenance Areas (Woodland & Native Trees and Shrubs)	35
EM5: Meadow Mixture for Loamy Soils (Nutrient Poor Species Rich Grassland and Species Rich Grassland)	4
EM8: Meadow Mixture for Wetlands (Wet Grassland)	4
EP1: Pond Edge Mixture (Marginal Planting)	4

Reference	Environmental Function
EFA	Visual Screening
EFB	Landscape Integration
EFC	Enhancing the Built Environment
EFD	Nature Conservation and Biodiversity
EFE	Visual Amenity
EFF	Heritage
CFG	Auditory Amenity
EFH	Water Quality

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- NOTES
- DO NOT SCALE FROM THIS DRAWING.
  - INDICATIVE SPECIMEN TREES WILL BE EXTRA HEAVY STANDARD. ALL OTHER VEGETATION WILL BE WHIP / TRANSPLANT PLANTING.
  - SPECIMEN TREES PLANTED WITHIN NATIVE HEDGEROWS WITH TREES TO BE STANDARD SIZE SPECIMEN TREES AT 5m SPACING AND COMPRISE FIELD MAPLE, HORNBEAM AND BEECH.
  - ALL THE PROPOSED SPECIMEN TREES IN HAZLEGROVE REGISTERED PARK AND GARDEN (RPG) SHOULD BE ENGLISH OAK, THIS TYPE OF TREE IS ONLY TO BE USED IN RPG UNLESS OTHERWISE SHOWN ON THE DRAWING.
  - ALL AREAS OF NATIVE TREES AND SHRUBS, AND WOODLAND WILL BE UNDERSEEDED WITH GERMINAL, A4 LOW MAINTENANCE AREA GRASS MIX. PLANTS ARE TO BE PLANTED AT 2m CENTRES AND IN HAZLEGROVE RPG AT 1.5m CENTRES.
  - PROPOSED MARGINAL PLANTING IS TO BE COMPOSED OF PRE-PLANTED PROPRIETARY SALIX COIR PALLET.
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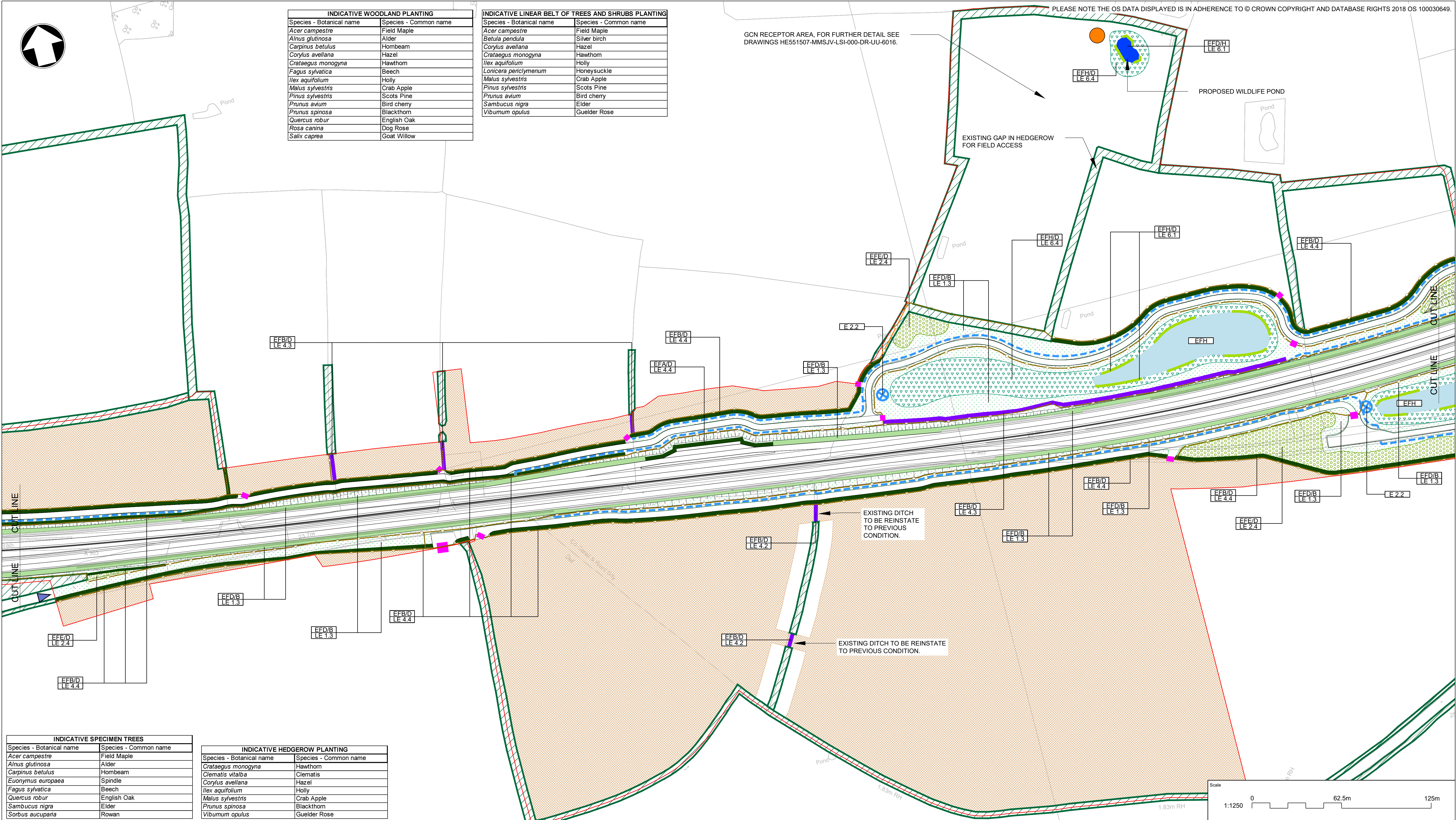
KEY TO SYMBOLS	
	REDLINE BOUNDARY
	PROPOSED WOODLAND LE 2.1
	PROPOSED LINEAR BELTS OF TREES AND SHRUBS LE 2.4
	REINSTATE TO PREVIOUS CONDITIONS
	PROPOSED MARGINAL PLANTING LE 6.1
	PROPOSED NUTRIENT POOR WILDFLOWER AND SPECIES RICH GRASSLAND LE 1.3
	PROPOSED WILDFLOWER AND SPECIES RICH GRASSLAND LE 1.3
	PROPOSED WET GRASSLAND LE 6.4
	PROPOSED NATIVE HEDGEROW WITH INTERMITTENT TREES LE 4.4
	PROPOSED NATIVE HEDGEROW LE 4.3

	PROPOSED ATTENUATION POND E 2.1
	PROPOSED WILDLIFE POND LE 6.1
	PROPOSED INDIVIDUAL TREE LE 5.1
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	PROPOSED BADGER TUNNEL E 3.2
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	PROPOSED WALL
	PROPOSED RETAINING WALL
	PROPOSED GATE
	PROPOSED CATTLE GRID
	ENVIRONMENTAL FUNCTION LANDSCAPE AND ENVIRONMENTAL ELEMENTS

KEY PLAN	

Scale					
1:1250		0		62.5m	
125m					
Project Title					
A303 SPARKFORD TO ILCHESTER DUALLING					
Drawing Title					
ENVIRONMENTAL MASTERPLAN SHEET 1 OF 7					
Drawing Status					Suitability
Published - DEFINITION					A3
Scale	Designed	Drawn	Checked	Approved	
1:1250	PC	PC	JB	NE	
Original Size	Date	Date	Date	Date	
A1	01/05/18	20/07/18	20/07/18	20/07/18	
Drawing Number				Project Ref. No.	
HE PIN		Originator		Volume	
HE551507 - MMSJV		- ELS -		389107	
000				Revision	
- DR - LL -				C03	
Location		Type		Role	
		Number			





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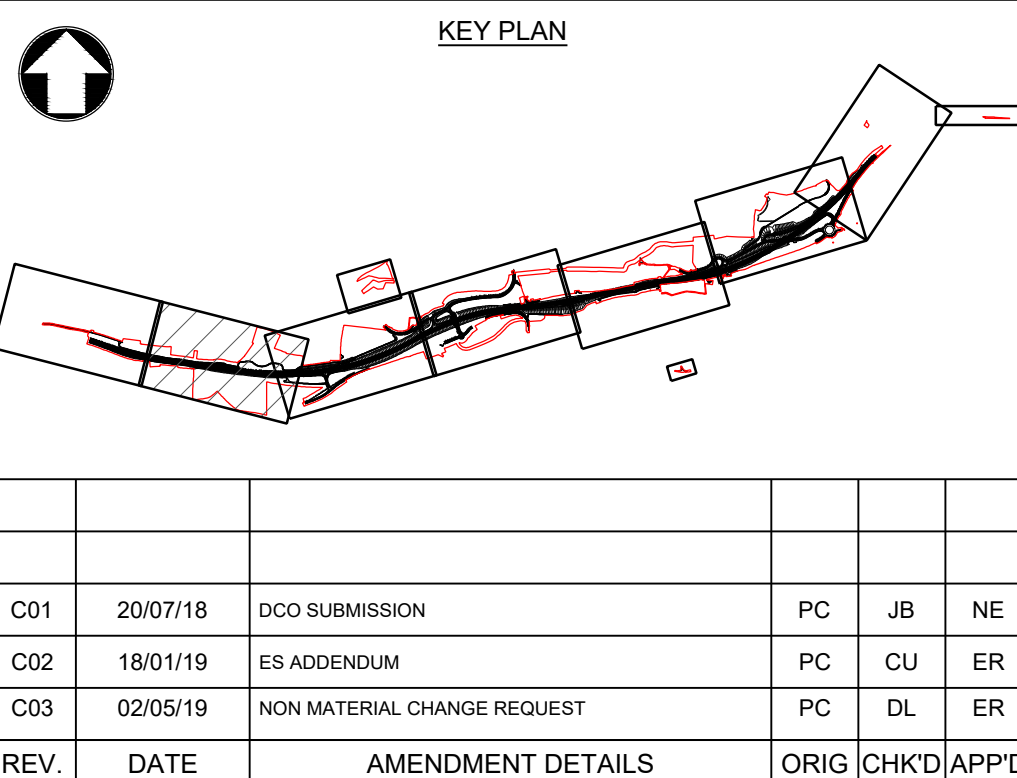
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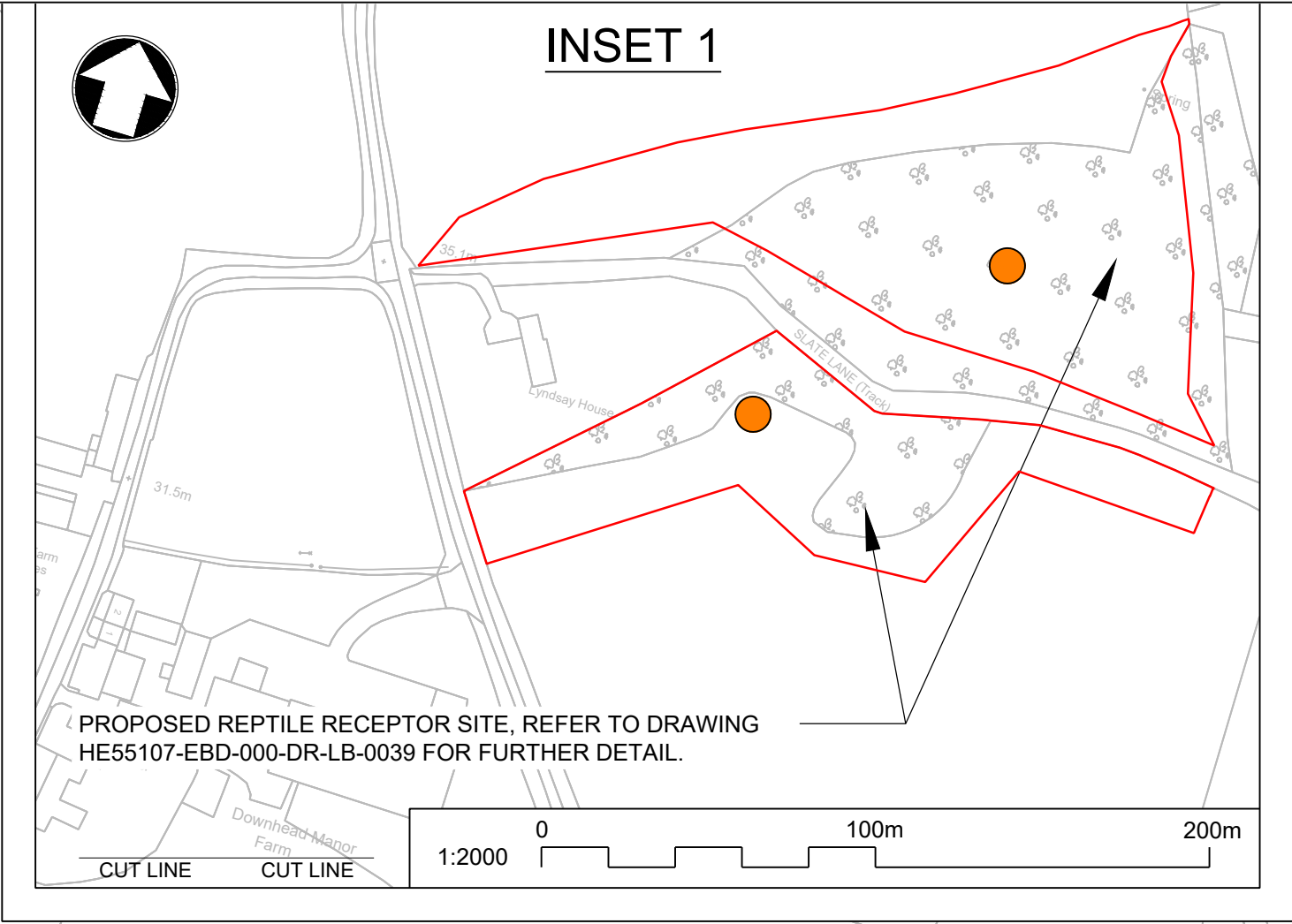
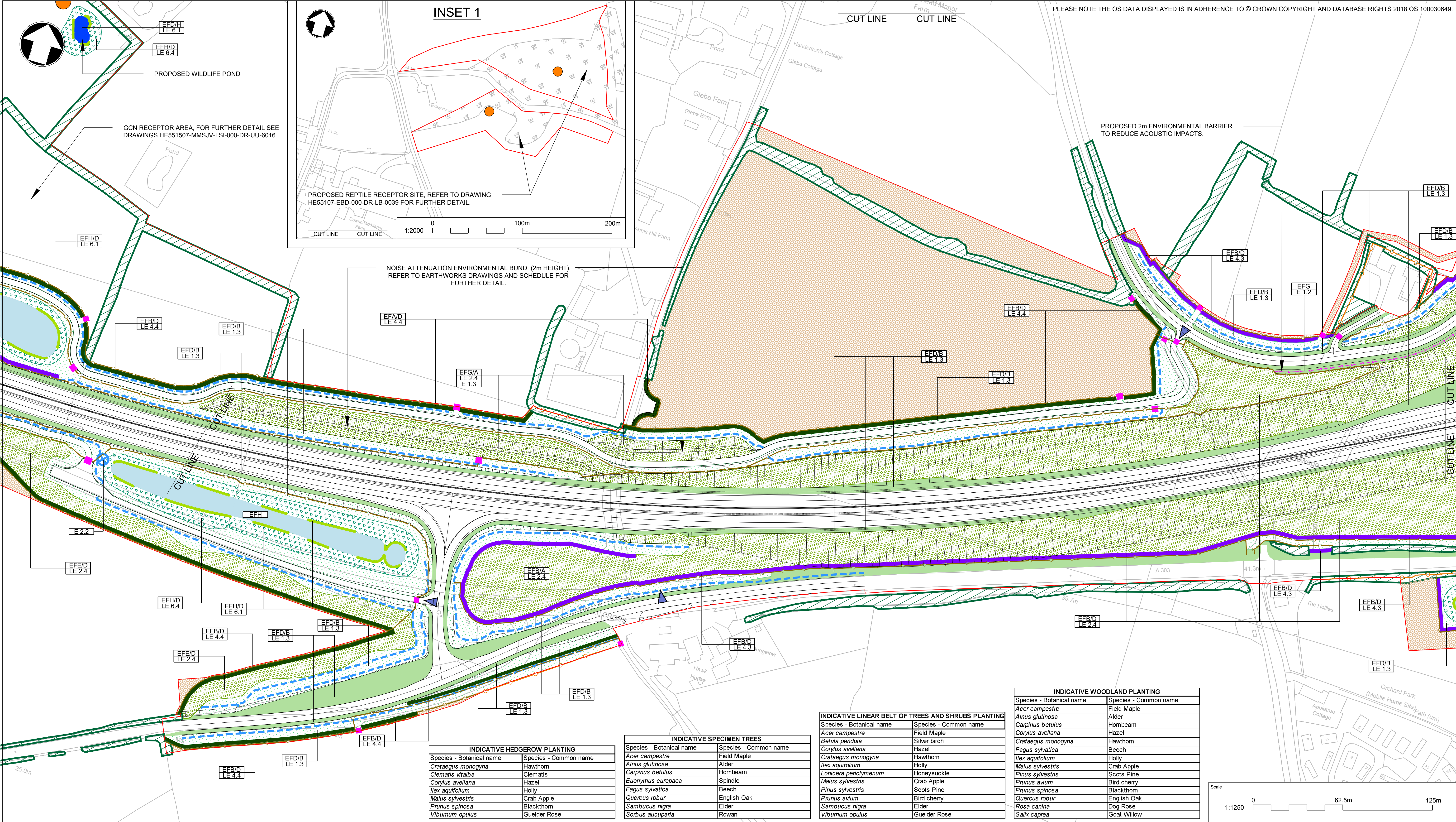
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Scale 1:1250 0 62.5m 125m				
Project Title A303 SPARKFORD TO ILCHESTER DUALLING				
Drawing Title ENVIRONMENTAL MASTERPLAN SHEET 2 OF 7				
Drawing Status Published - DEFINITION				Suitability A3
Scale 1:1250	Designed PC	Drawn PC	Checked JB	Approved NE
Original Size A1	Date 01/05/18	Date 20/07/18	Date 20/07/18	Date 20/07/18
Drawing Number HE PIN 000				Project Ref. No. 389107
HE551507 - MMSJV - ELS -				Revision C03
000 - DR - LL - 0130				
Location Type Role Number				





INDICATIVE SEED MIXTURES	
Mixture	Seeding rate g/m <sup>2</sup>
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**KEY PLAN**

**Project Title**  
A303 SPARKFORD TO ILCHESTER DUALLING

**Drawing Title**  
ENVIRONMENTAL MASTERPLAN  
SHEET 3 OF 7

**Drawing Status**  
Published - DEFINITION

**Scale**  
1:1250

**Designated**  
PC

**Drawn**  
PC

**Checked**  
JB

**Approved**  
NE

**Original Size**  
A1

**Date**  
01/05/18

**Date**  
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**Drawing Number**  
HE PIN

**Originator**  
HE551507 - MMSJV

**Volume**  
- ELS -

**Project Ref. No.**  
389107

**Revision**  
C03

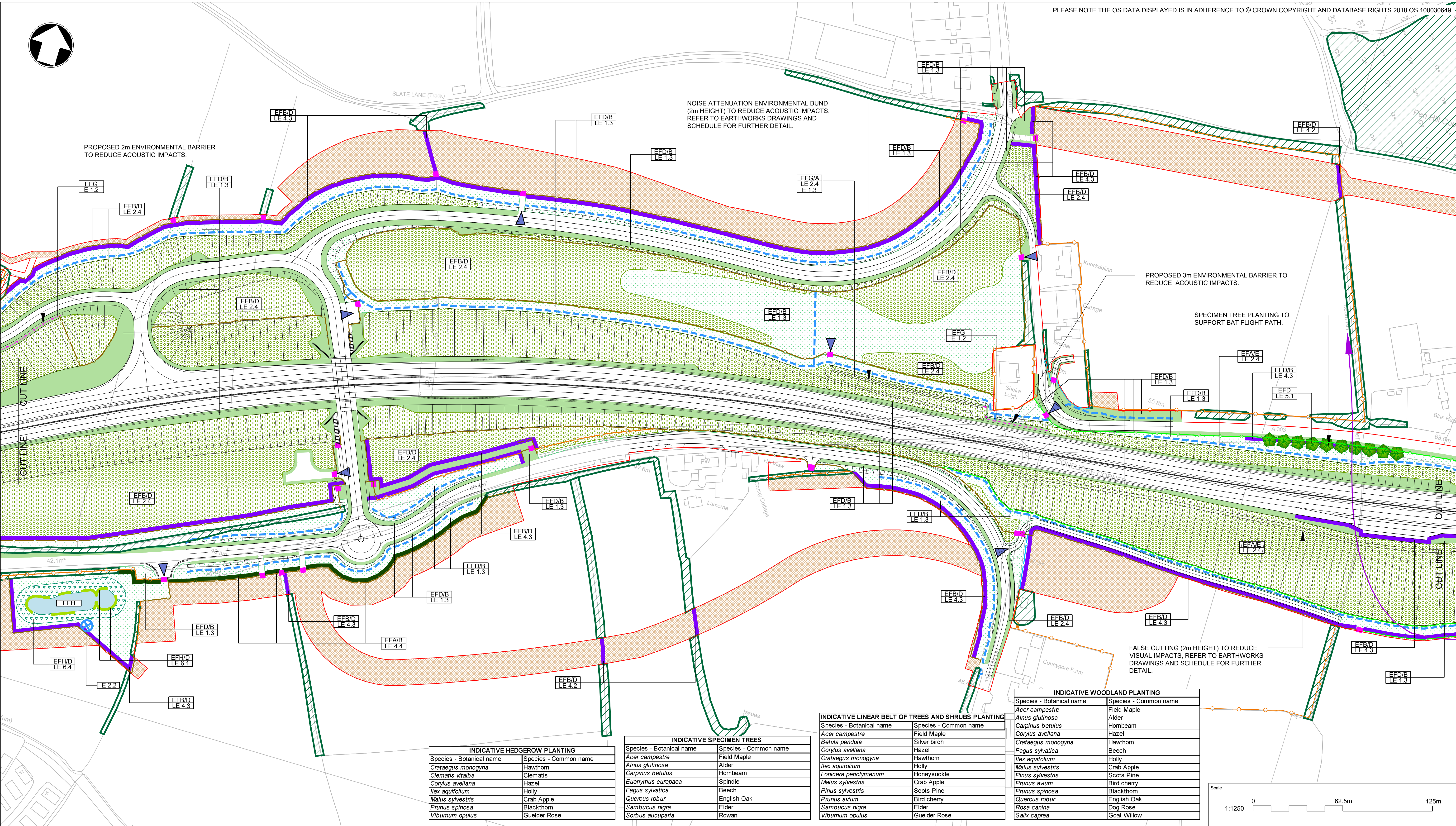
**Location**  
000 - DR - LL - 0131

**Type**  
I

**Role**  
I

**Number**  
I





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KEY TO SYMBOLS

- REDLINE BOUNDARY
- PROPOSED WOODLAND LE 2.1
- PROPOSED LINEAR BELTS OF TREES AND SHRUBS LE 2.4
- REINSTATE TO PREVIOUS CONDITIONS
- PROPOSED MARGINAL PLANTING LE 6.1
- PROPOSED NUTRIENT POOR WILDFLOWER AND SPECIES RICH GRASSLAND LE 1.3
- PROPOSED WILDFLOWER AND SPECIES RICH GRASSLAND LE 1.3
- PROPOSED WET GRASSLAND LE 6.4
- PROPOSED NATIVE HEDGEROW WITH INTERMITTENT TREES LE 4.4
- PROPOSED NATIVE HEDGEROW LE 4.3

PROPOSED ATTENUATION POND E 2.1

PROPOSED WILDLIFE POND LE 6.1

PROPOSED INDIVIDUAL TREE LE 5.1

EXISTING VEGETATION TO BE RETAINED

PROPOSED BADGER TUNNEL E 3.2

BAT FLIGHT PATH

PROPOSED ENVIRONMENTAL BARRIER (2m HEIGHT) E 1.2

PROPOSED HIBERNACULA E 3.2

PROPOSED MAINTENANCE ACCESS

NOISE REDUCING EARTHWORKS E 1.3

PROPOSED DRAINAGE DITCH LE 6.2

PROPOSED SURFACE WATER OUTFALLS E 2.2

EXISTING FENCE

PROPOSED FENCE

PROPOSED BADGER FENCE

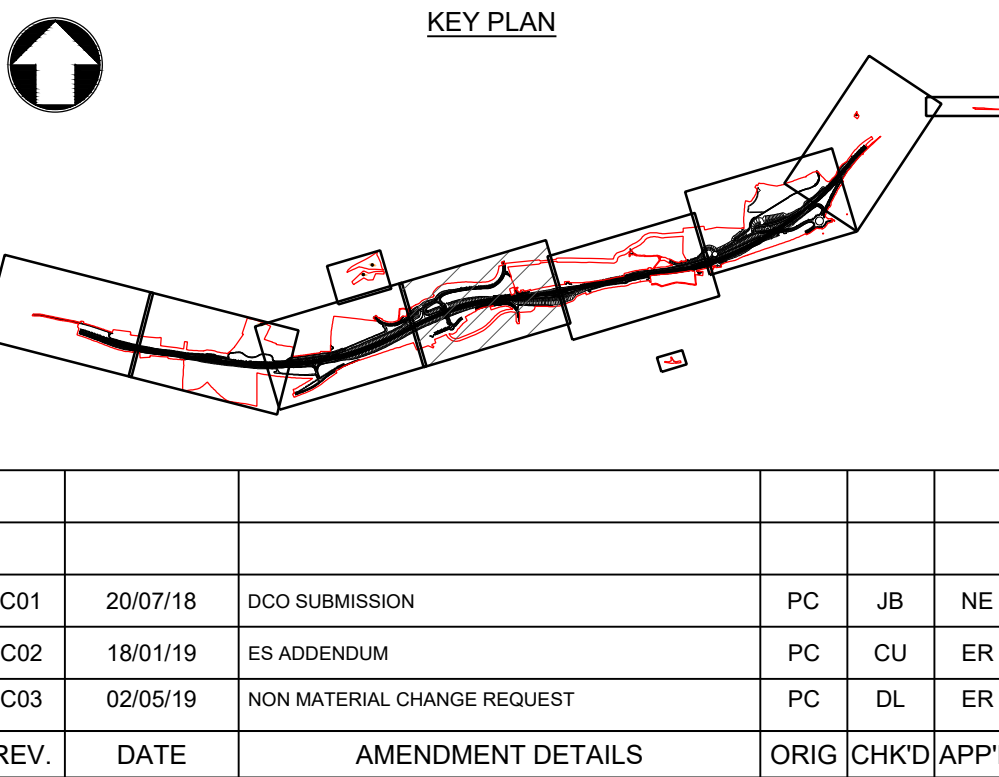
PROPOSED WALL

PROPOSED RETAINING WALL

PROPOSED GATE

PROPOSED CATTLE GRID

ENVIRONMENTAL FUNCTION LANDSCAPE AND ENVIRONMENTAL ELEMENTS



Scale

1:1250

0 62.5m 125m

Project Title

A303 SPARKFORD TO ILCHESTER DUALLING

Drawing Title

ENVIRONMENTAL MASTERPLAN SHEET 4 OF 7

Drawing Status

Published - DEFINITION

Scale

1:1250

Designed PC

Drawn PC

Checked JB

Approved NE

Original Size

A1

Date

01/05/18

Date

20/07/18

Date

20/07/18

Drawing Number

HE PIN

HE551507 - MMSJV

HE PIN

HE551507 - MMSJV

Project Ref. No.

389107

Revision

C03

Location

000 - DR - LL - 0133

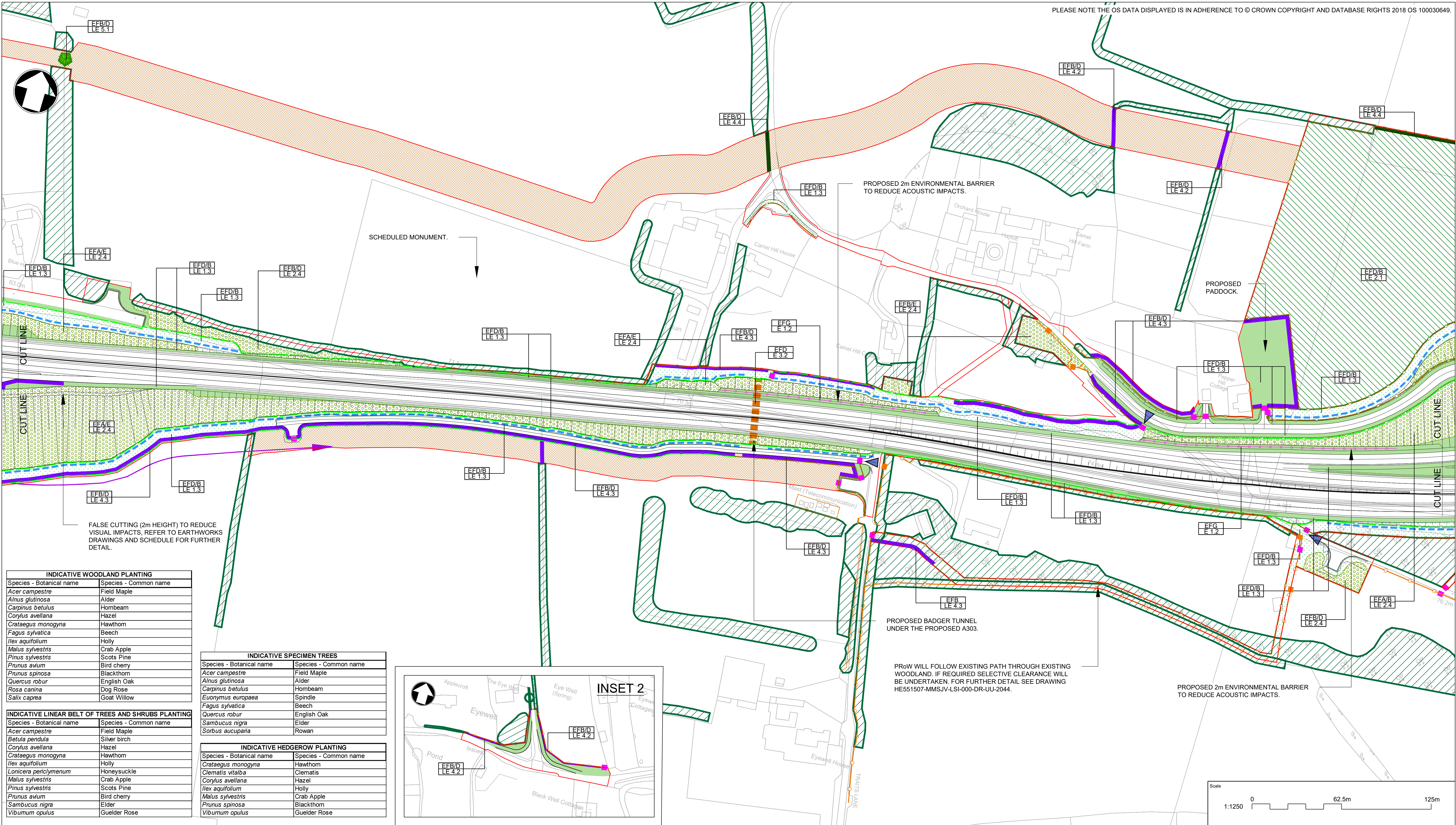
REV.

DATE

AMENDMENT DETAILS

ORIG CHKD APP'D





INDICATIVE WOODLAND PLANTING	
Species - Botanical name	Species - Common name
<i>Acer campestre</i>	Field Maple
<i>Alnus glutinosa</i>	Alder
<i>Carpinus betulus</i>	Hornbeam
<i>Corylus avellana</i>	Hazel
<i>Crataegus monogyna</i>	Hawthorn
<i>Fagus sylvatica</i>	Beech
<i>Ilex aquifolium</i>	Holly
<i>Malus sylvestris</i>	Crab Apple
<i>Pinus sylvestris</i>	Scots Pine
<i>Prunus avium</i>	Bird cherry
<i>Prunus spinosa</i>	Blackthorn
<i>Quercus robur</i>	English Oak
<i>Rosa canina</i>	Dog Rose
<i>Salix caprea</i>	Goat Willow

INDICATIVE SPECIMEN TREES	
Species - Botanical name	Species - Common name
<i>Acer campestre</i>	Field Maple
<i>Alnus glutinosa</i>	Alder
<i>Carpinus betulus</i>	Hornbeam
<i>Euonymus europaea</i>	Spindle
<i>Fagus sylvatica</i>	Beech
<i>Quercus robur</i>	English Oak
<i>Sambucus nigra</i>	Elder
<i>Sorbus aucuparia</i>	Rowan

INDICATIVE LINEAR BELT OF TREES AND SHRUBS PLANTING	
Species - Botanical name	Species - Common name
<i>Acer campestre</i>	Field Maple
<i>Betula pendula</i>	Silver birch
<i>Corylus avellana</i>	Hazel
<i>Crataegus monogyna</i>	Hawthorn
<i>Ilex aquifolium</i>	Holly
<i>Lonicera periclymenum</i>	Honeysuckle
<i>Malus sylvestris</i>	Crab Apple
<i>Pinus sylvestris</i>	Scots Pine
<i>Prunus avium</i>	Bird cherry
<i>Sambucus nigra</i>	Elder
<i>Viburnum opulus</i>	Gelder Rose

INDICATIVE HEDGEROW PLANTING	
Species - Botanical name	Species - Common name
<i>Crataegus monogyna</i>	Hawthorn
<i>Clematis vitalba</i>	Clematis
<i>Corylus avellana</i>	Hazel
<i>Ilex aquifolium</i>	Holly
<i>Malus sylvestris</i>	Crab Apple
<i>Prunus spinosa</i>	Blackthorn
<i>Viburnum opulus</i>	Gelder Rose

INDICATIVE SEED MIXTURES	
Mixture	Seeding rate g/m <sup>2</sup>
A4: Low Maintenance Areas (Woodland & Native Trees and Shrubs)	35
EM5: Meadow Mixture for Loamy Soils (Nutrient Poor Species Rich Grassland and Species Rich Grassland)	4
EM8: Meadow Mixture for Wetlands (Wet Grassland)	4
EP1: Pond Edge Mixture (Marginal Planting)	4

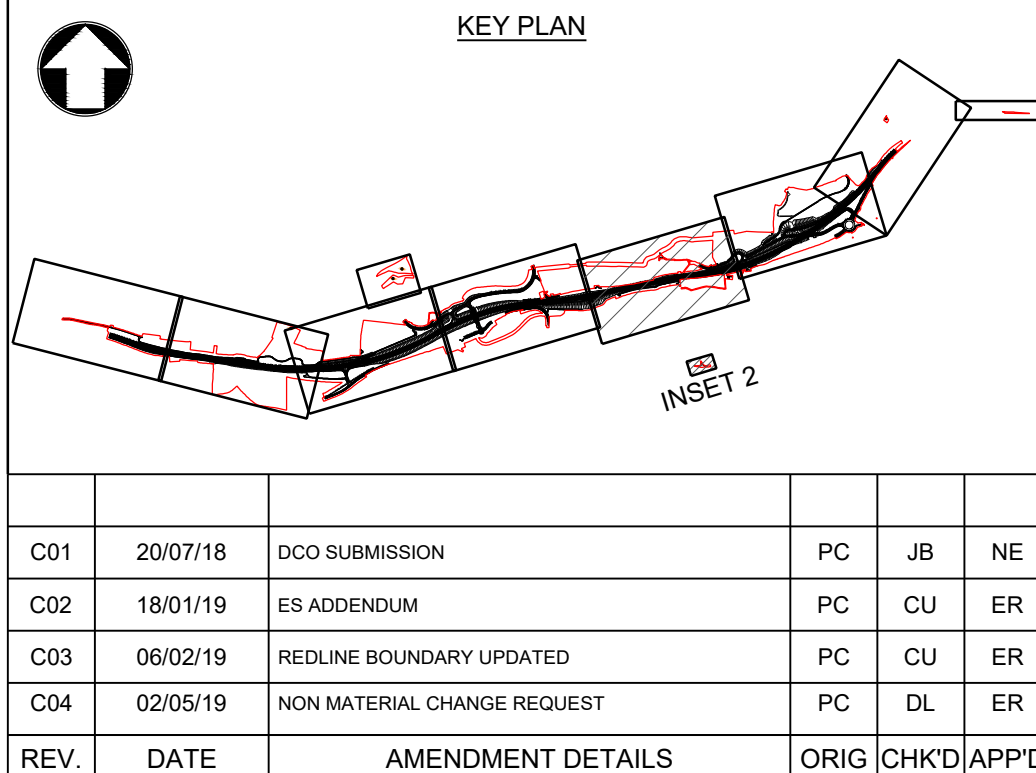
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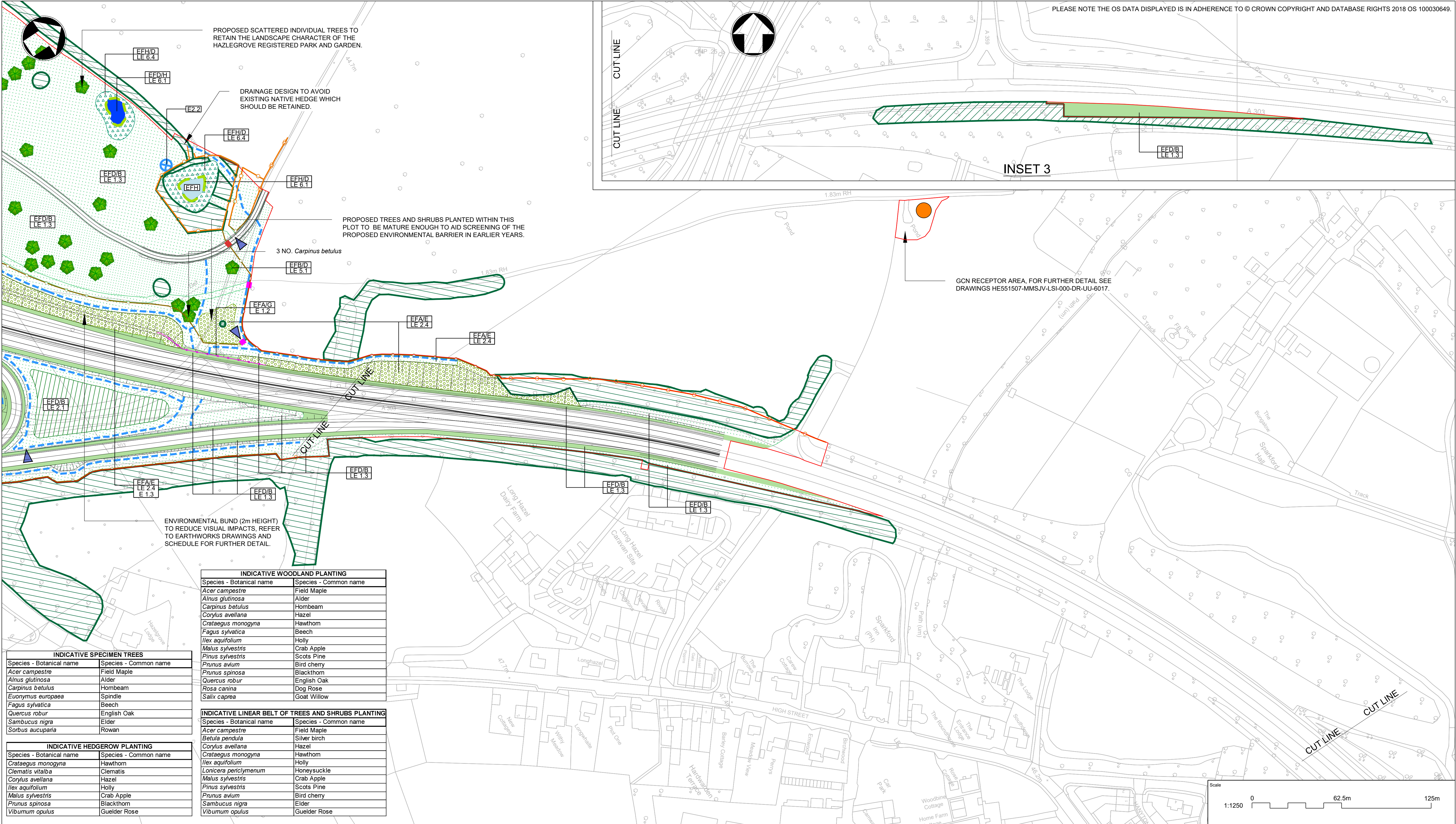


Scale 1:1250 0 62.5m 125m				
Project Title A303 SPARKFORD TO ILCHESTER DUALLING				
Drawing Title ENVIRONMENTAL MASTERPLAN SHEET 5 OF 7				
Drawing Status Published - DEFINITION				Suitability A3
Scale 1:1250	Designed PC	Drawn PC	Checked JB	Approved NE
Original Size A1	Date 01/05/18	Date 20/07/18	Date 20/07/18	Date 20/07/18
Drawing Number HE PIN HE551507 - MMSJV		Originator - ELS -		Volume 000
Project Ref. No. 389107		Revision C04		
Location 000		Type - DR - LL -		Number 0134









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