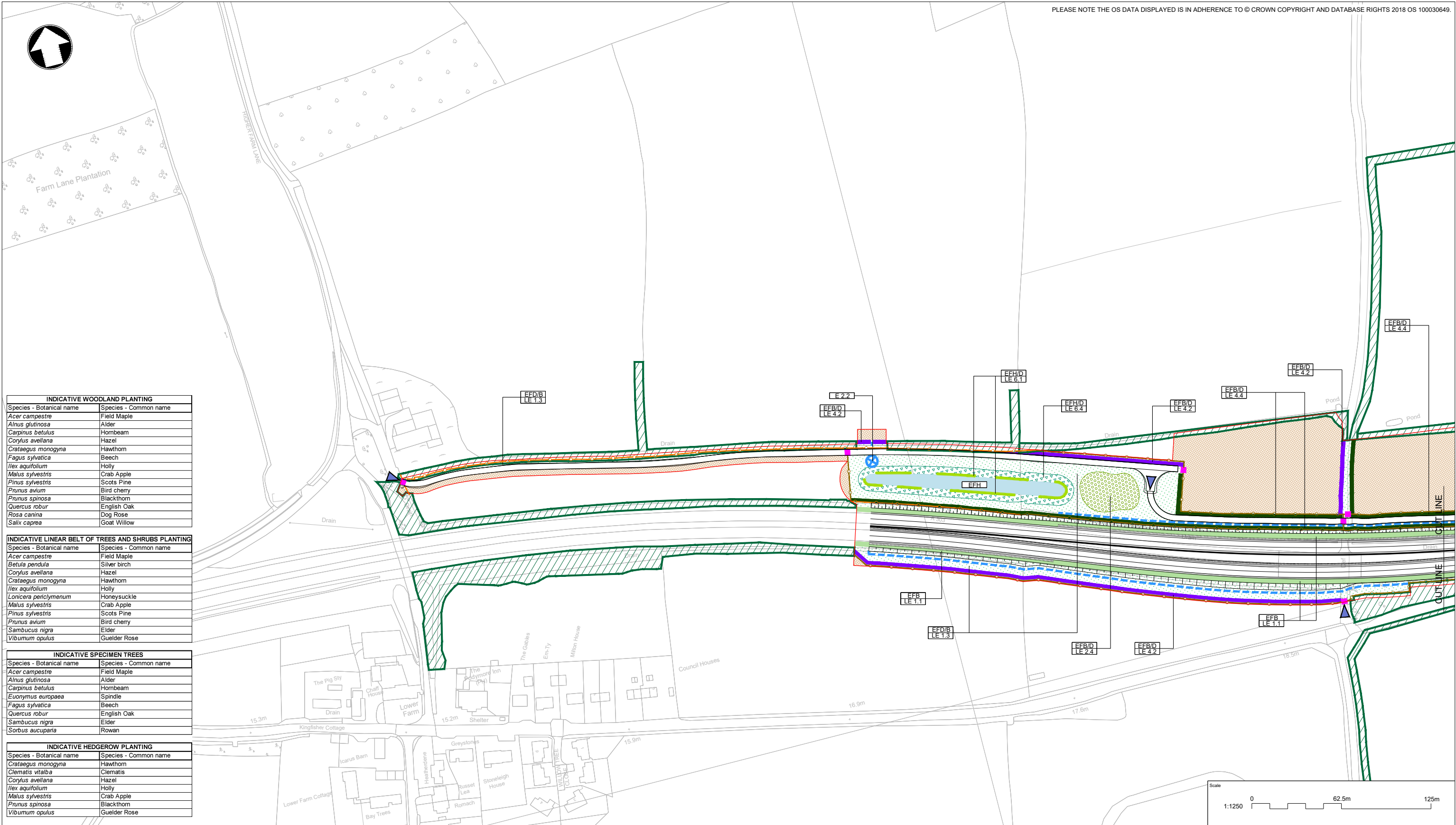


Figure A2.4 – Environmental Masterplan



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
<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 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/m2
A18: Road Verge and Embankments (Amenity Grassland)	35
A4: Low Maintenance Areas (Woodland & Native Trees and Shrubs)	35
EM5: Meadow Mixture for Loamy Soils (Species Rich Grassland)	4
EM8: Meadow Mixture for Wetlands (Wet Grassland)	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
EFG	Auditory Amenity
EFH	Water Quality

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 - THE LANDSCAPE AND ENVIRONMENTAL ELEMENTS PROVIDED ARE INFORMED BY THE DMRB VOLUME 10, SECTION 0 PART 3 AND 4.

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 AMENITY GRASSLAND LE1.1
- 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 4.2

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

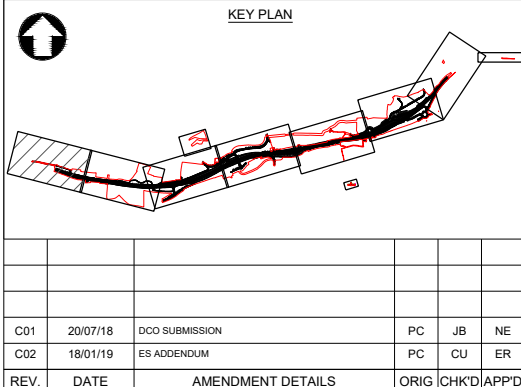
PROPOSED BADGER FENCE

PROPOSED WALL

PROPOSED GATE

PROPOSED CATTLE GRID

ENVIRONMENTAL FUNCTION LANDSCAPE AND ENVIRONMENTAL ELEMENTS



Scale

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Project Title

A303 SPARKFORD TO ILCHESTER DUALLING

Drawing Title

ENVIRONMENTAL MASTERPLAN SHEET 1 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

Originator

HE551507 - MMSJV

Volume

- ELS -

Project Ref. No.

389107

Revision

C02

000 - DR - LL - 0129

Location

HE551507 - MMSJV

Type

DR

Role

LL

Number

0129

REV.

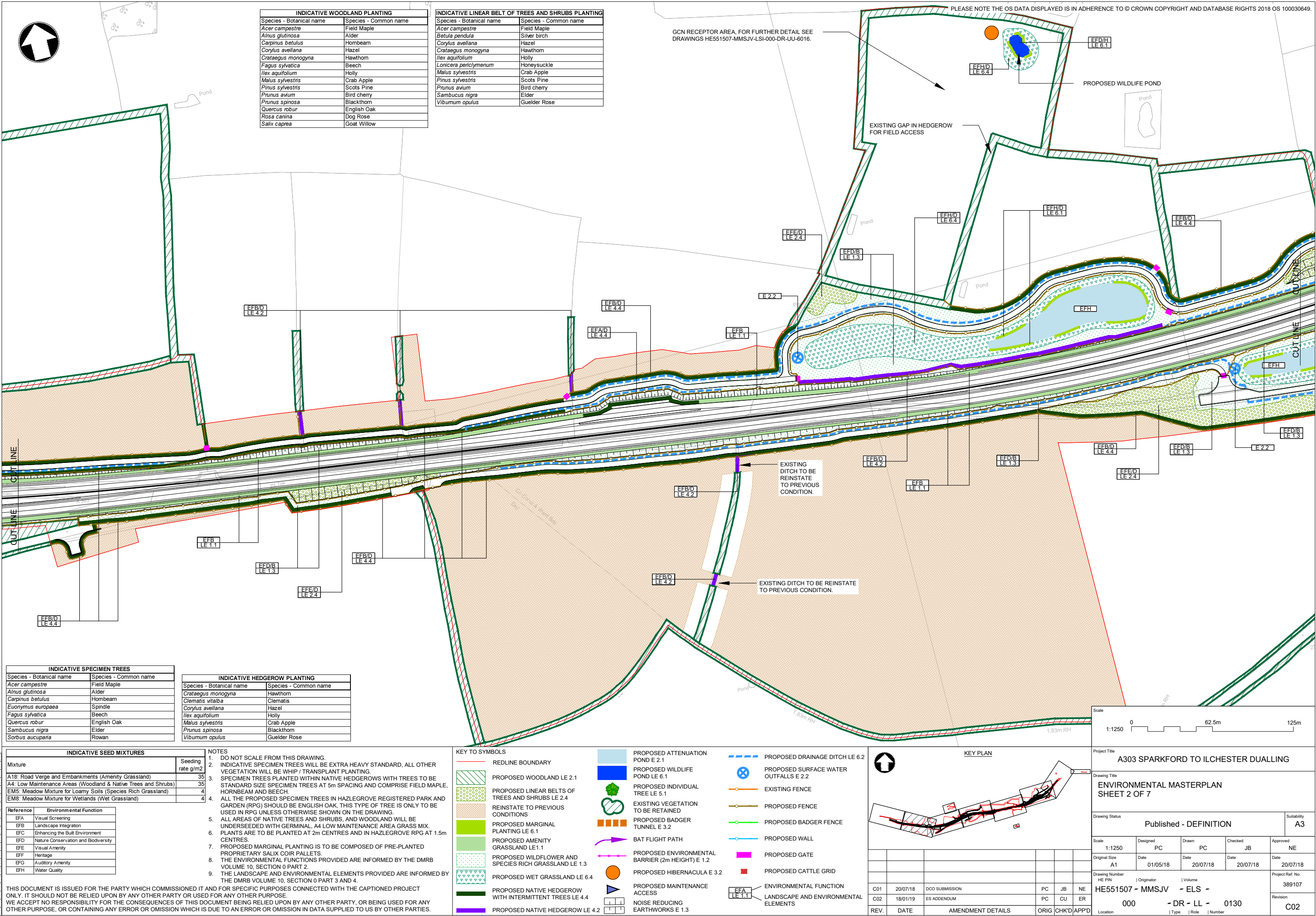
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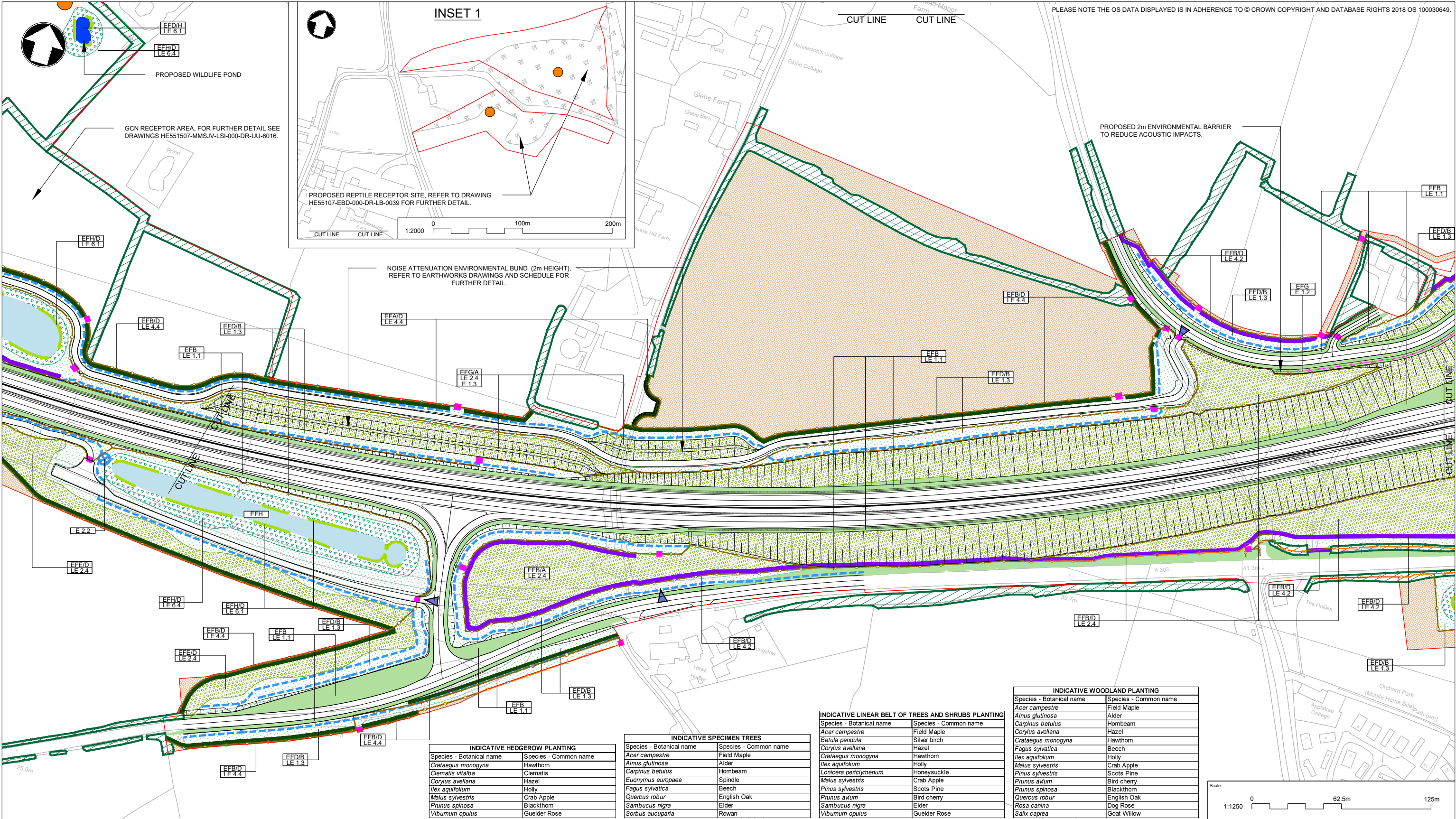
AMENDMENT DETAILS

ORIG

CHKD

APP'D





INDICATIVE SEED MIXTURES

Mixture	Seeding rate g/m ²
A18: Road Verge and Embankments (Amenity Grassland)	35
A4: Low Maintenance Areas (Woodland & Native Trees and Shrubs)	35
EM5: Meadow Mixture for Loamy Soils (Species Rich Grassland)	4
EM8: Meadow Mixture for Wetlands (Wet Grassland)	4

Reference **Environmental Function**

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EFB	Landscape Integration
EFC	Enhancing the Built Environment
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- 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
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- PROPOSED FENCE
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- PROPOSED WALL
- PROPOSED GATE
- PROPOSED CATTLE GRID
- ENVIRONMENTAL FUNCTION LANDSCAPE AND ENVIRONMENTAL ELEMENTS

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
20/07/18

Date
20/07/18

Date
20/07/18

Drawing Number
HE PIN

Originator
HE551507 - MMSJV

Volume
- ELS -

Project Ref. No.
389107

Revision
000 - DR - LL - 0131

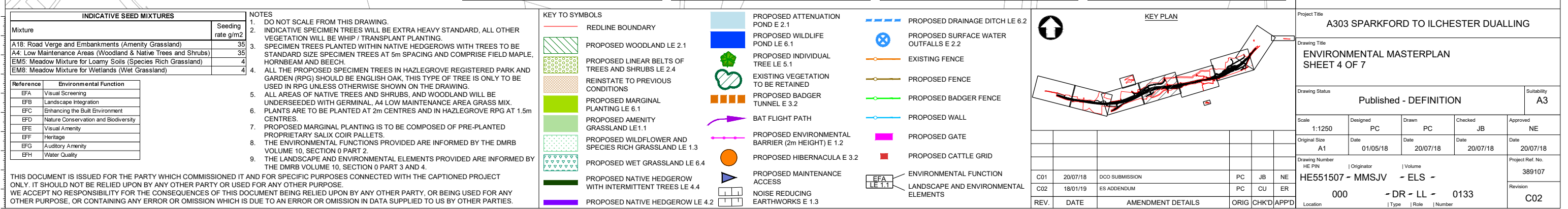
Location
Type | Role | Number

REV.
C01 20/07/18 DCO SUBMISSION PC JB NE

REV.
C02 18/01/19 ES ADDENDUM PC CU ER

AMENDMENT DETAILS
ORIG CHKD APP'D

Location
Type | Role | Number



INDICATIVE LINEAR BELT OF TREES AND SHRUBS PLANTING	
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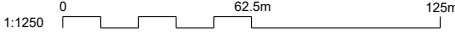
KEY TO SYMBOLS	
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	PROPOSED WOODLAND LE 2.1
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	PROPOSED NATIVE HEDGEROW LE 4

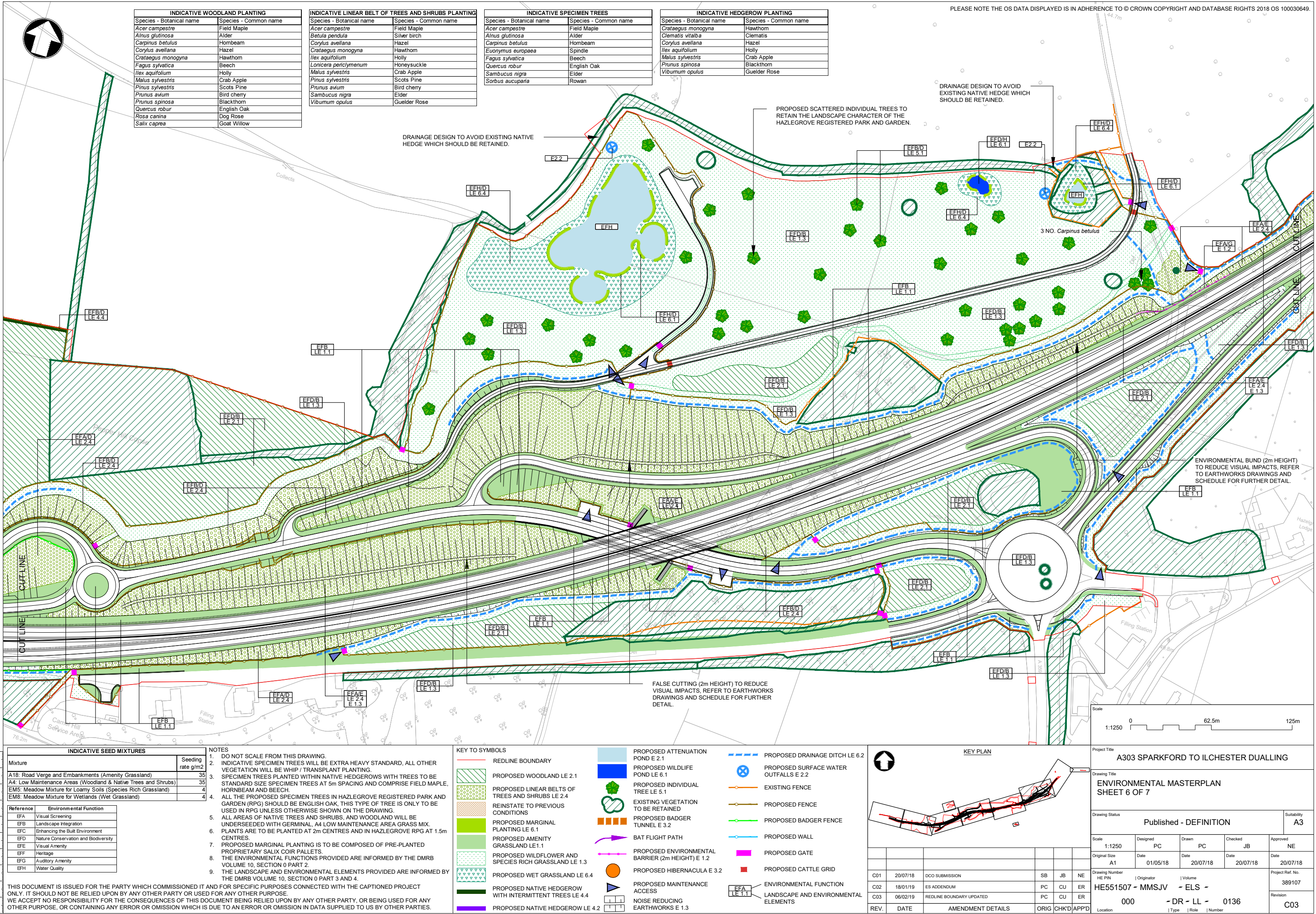
	PROPOSED ATTENUATION POND E 2.1
	PROPOSED WILDLIFE POND LE 6.1
	PROPOSED INDIVIDUAL TREE LE 5.1
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	PROPOSED BADGER TUNNEL E 3.2
	BAT FLIGHT PATH
	PROPOSED ENVIRONMENTAL BARRIER (2m HEIGHT) E 1.2
	PROPOSED HIBERNACULA E 3.2
	PROPOSED MAINTENANCE ACCESS
	NOISE REDUCING EARTHWORKS E 1.3

Legend:

- PROPOSED DRAINAGE DITCH LE 6.2
- PROPOSED SURFACE WATER OUTFALLS E 2.2
- EXISTING FENCE
- PROPOSED FENCE
- PROPOSED BADGER FENCE
- PROPOSED WALL
- PROPOSED GATE
- PROPOSED CATTLE GRID
- ENVIRONMENTAL FUNCTION LANDSCAPE AND ENVIRONMENTAL ELEMENTS

KEY PLAN

Scale 						
Project Title A303 SPARKFORD TO ILCHESTER DUALLING						
Drawing Title ENVIRONMENTAL MASTERPLAN SHEET 5 OF 7						
Drawing Status Published - DEFINITION						Suitability 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 HE PIN Originator Volume HE551507 - MMSJV - ELS -					Project Ref. No. 389107	
Revision 000 - DR - LL - 0134					C03	
Location	Type	Role	Number			



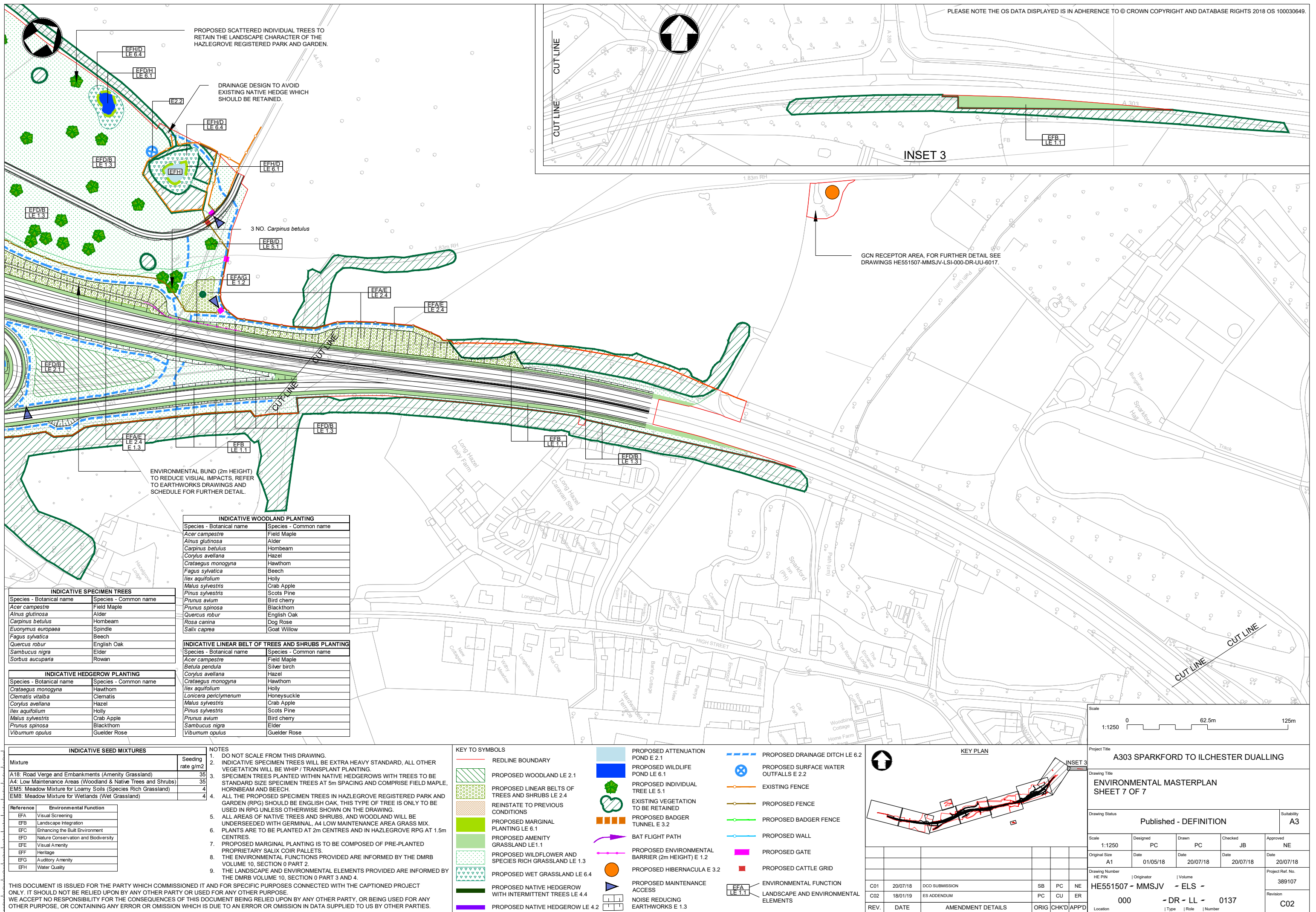
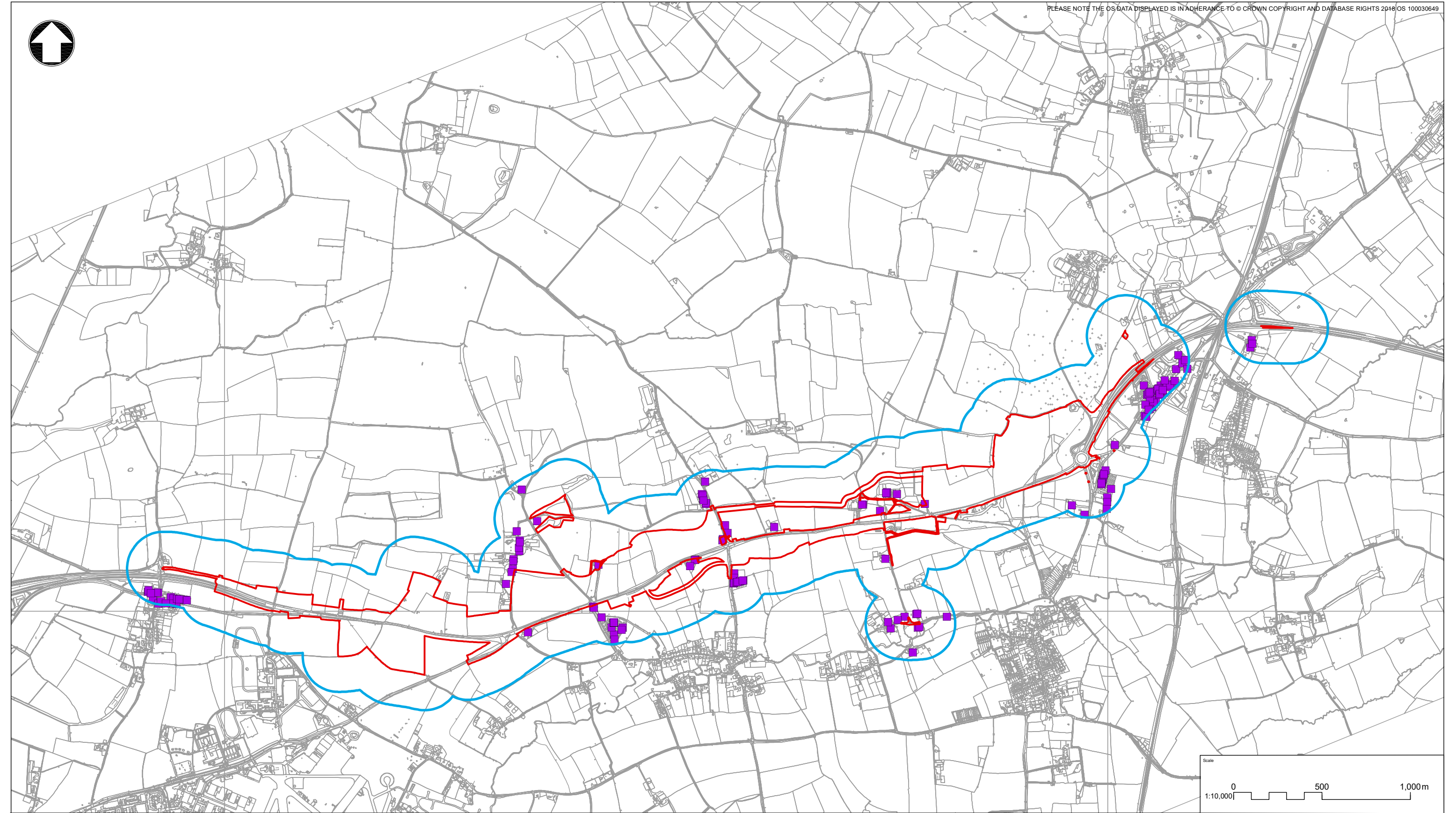


Figure A3.1 – Construction Dust Buffer



KEY

- PROPOSED RED LINE BOUNDARY
- 200M CONSTRUCTION BUFFER
- RESIDENTIAL RECEPTOR

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Project Title
A303 SPARKFORD TO ILCHESTER DUALLING

Drawing Title
CONSTRUCTION DUST BUFFER

Drawing Status PUBLISHED - DEFINITION				Suitability A3
Scale 1:10,000	Designed JB	Drawn SB	Checked BM	Approved ER
Original Size A1	Date JULY 2018	Date JANUARY 2019	Date JANUARY 2019	Date JANUARY 2019
Drawing Number HE PIN		Originator Volume		Project Ref. No. 389107
C02	18/01/19	ES ADDENDUM		SB BM ER
C01	JULY 2018	DCO SUBMISSION		ER CM ER
REV.	DATE	AMENDMENT DETAILS		ORIG CHK'D APP'D
000		- DR - LA -		1101
Location		Type	Role	Number