

Construction & Environment Management Plan (CEMP): Biodiversity

ASOS Car Park, Barnsley

Report ID 184-03
October 2017

REPORT

Issue/revision	Issue 2: DRAFT TO CLIENT	Issue 2: FINAL	
Project No.	184-03		
Date	20/10/17	25/10/17	
Prepared by Signature	AA	AA	
Reviewed by Signature	CLIENT		

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1. INTRODUCTION

1.1. BACKGROUND

- 1.1.1. This report provides a Construction Environment Management Plan (CEMP) for proposals to development land adjacent to ASOS warehouse near Barnsley in South Yorkshire.
- 1.1.2. This CEMP has been produced to comply with full planning permission for the proposals. The planning application reference is 2017/0782.

Location

- 1.1.3. The Site is centred on OS grid reference SE 41691 06447, at address Park Spring Rd, Barnsley S72 7LG, UK. The Site lies west of the A6195 (Park Spring Road) and to the east of the River Dearne and is a patch of scrubby, unoccupied land. A location plan and site boundary is shown in Figure 1.

Size

- 1.1.4. The land (otherwise known as the Site) encompasses that portion of land which sits to the northwest of the roundabout on the A6195 adjacent to the existing ASOS warehouse, at Park Spring Road. The Site encompasses 0.919 ha as shown in Figure 2.

1.2. THE WORKS

- 1.2.1. The intention is to fully clear the site of all vegetation by October 2017.

2. DEVELOPMENT AND CONSTRUCTION

2.1. OVERVIEW OF THE PROPOSED DEVELOPMENT

- 2.1.1. There is full permission granted for a proposed car park with associated landscaping & lighting. There is will be a pedestrian crossing at the A6195 and use of the existing drainage infrastructure for surface water drainage. The proposals are shown in Figure 2. The planning reference is 2017/0782.
- 2.1.2. The works initially started with a destructive search of the site to ensure there are no remaining herptiles; the search was completed on the 19th October and was conducted before temperatures fell below 5⁰C. No animals, or evidence of animals, were found.

2.2. CONSTRUCTION PROGRAMME

- 2.2.1. The current expectation is full clearance of vegetation to be completed in October 2017 which will be followed by the construction of a temporary car park facility by 12th November 2017.
- 2.2.2. Works to form the permanent car park including the required drainage kerbs, lighting and services and access barriers/permanent fencing will commence in mid-January 2018 after the busy Christmas trading period.

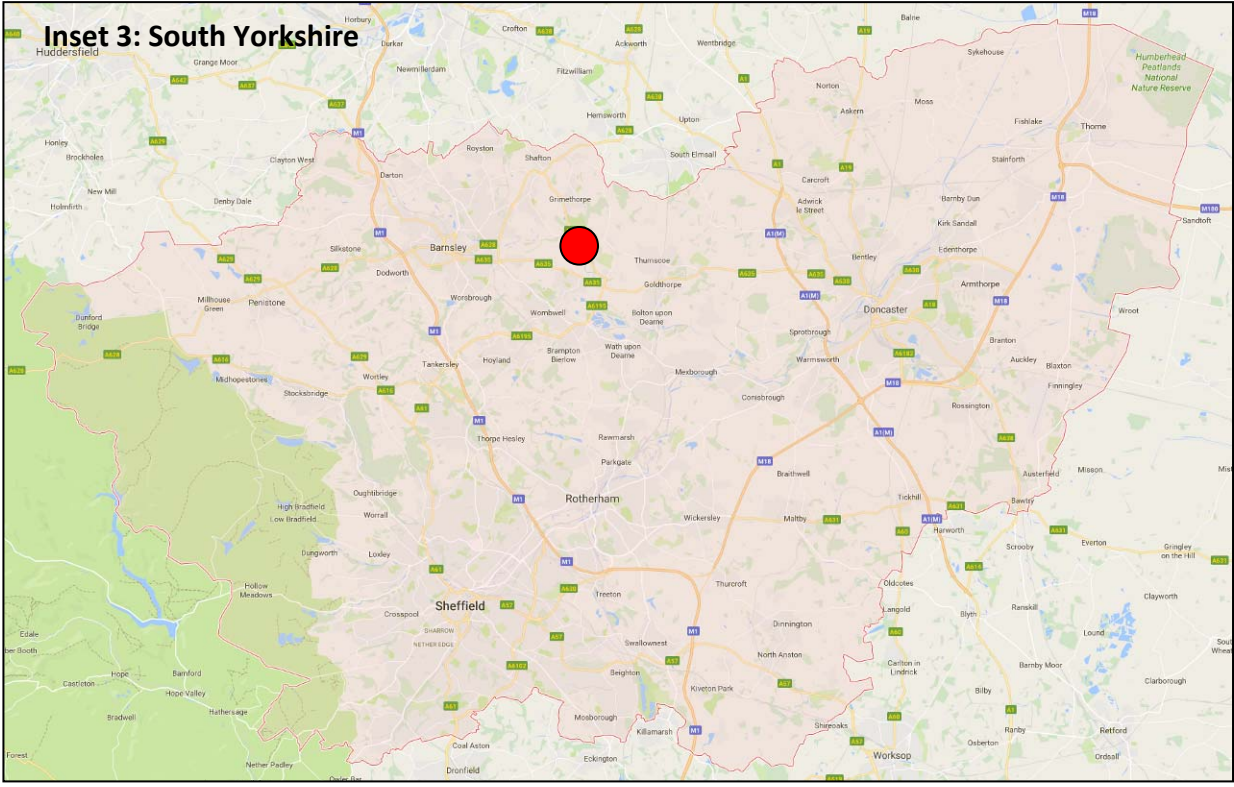
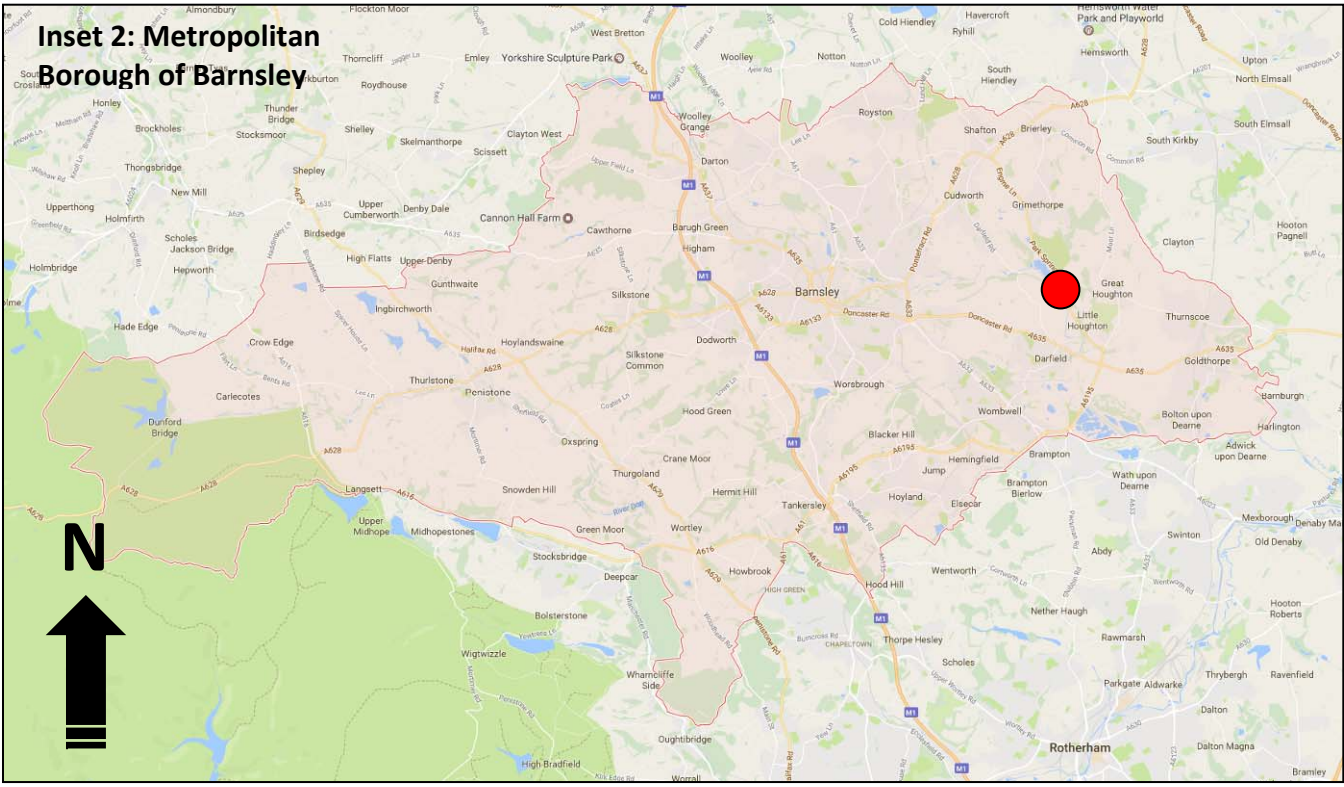
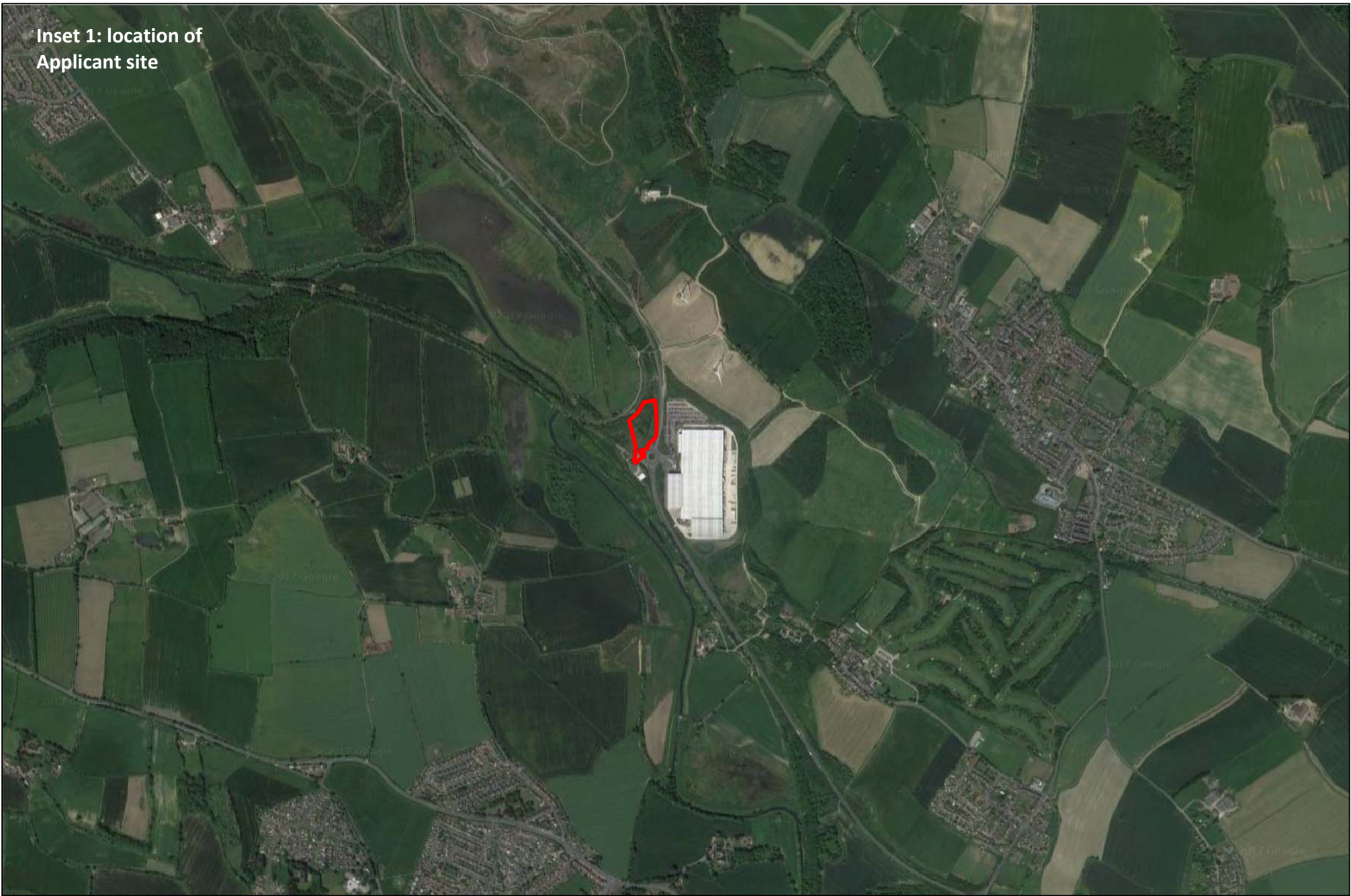


Figure 1

Location

ASOS Carpark, Barnsley

Legend



Applicant site



Site location

OS X (Eastings) 441712
OS Y (Northings) 406458
Nearest Post Code S72 7GX
Lat (WGS84) N53:33:11
(53.553101)
Long (WGS84) W1:22:19 (-1.371867)
Lat,Long 53.553101,-1.371867
Nat Grid SE417064 / SE4171206458
mX -152715
mY 7051573
Mapcode GBR LWVC.S1

Boundaries and other extents are indicative. Please refer to Architect drawings for accuracy.



Drawing No: 18403-01 Rev: A

Revisions			
A	B	C	D
27/05/17			

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Figure 2

Final Layout

ASOS Carpark, Barnsley

Legend

 Site boundary, and area within which destructive search has taken place (October 2017).

For full legend, refer to JB Landscape drawing no. 2113-PL001 rev B

J B Landscape Associates

ASOS

Drawing No: 18403-14 Rev: A

Revisions			
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3. BIODIVERSITY PROTECTION DETAILS

3.1. RISK ASSESSMENT OF POTENTIALLY DAMAGING DEVELOPMENT ACTIVITIES

Table 1: Risk resolution

REF	Activity	Risk			Mitigation	Residual			
		LxS=RR				LxS=RR			
1	Vegetation clearance								
1.1	Risk to reptiles & amphibians from habitat destruction	2	5	10	Destructive Search	0	5	0	
					Avoid leaving arisings				
					Rapid Risk Assessment				
1.2	Risk to breeding birds from habitat destruction	5	5	25	Carry out removal of bird breeding habitat 1 st September - 1 st March	0	5	0	
2	Site set up								
2.1	Temporary storage areas & stockpile may cause refugia	5	1	5	Keep within redline	0	5	0	
					Keep storage on pallets				
2.2	Site lighting spillage onto neighbouring habitat	5	2	10	Do not illuminate habitat	0	2	0	
3	Groundworks								
3.1	installation of underground services may trap transient animals	5	2	10	Leave escape from trenches	0	2	0	
4	Construction								
4.1	increase in traffic movements may cause danger to animals	5	1	5	Driver awareness	2	1	2	

3.2. IDENTIFICATION OF BIODIVERSITY PROTECTION ZONES

Wildlife sites

- 3.2.1. The development footprint is immediately surrounded by 2 Local Wildlife Sites. These are shown on Figure 3. While it is unlikely that any of the construction activities such as Site access will impinge upon any site, indirect effects such as temporary site drainage to the wildlife site should be avoided.

Hedgerow

- 3.2.2. A hedgerow sits outside the eastern boundary. The ecological assessment has graded it as 'not important' but it is a habitat of Principal Importance (a priority habitat). The hedgerow has a Root Protection Zone (RPZ) of at least 1 metre from its canopy. The hedgerow and its RPZ are considered a **construction exclusion zone**, except for where a pedestrian link to the ASOS factory is proposed. These are highlighted on Figure 4.

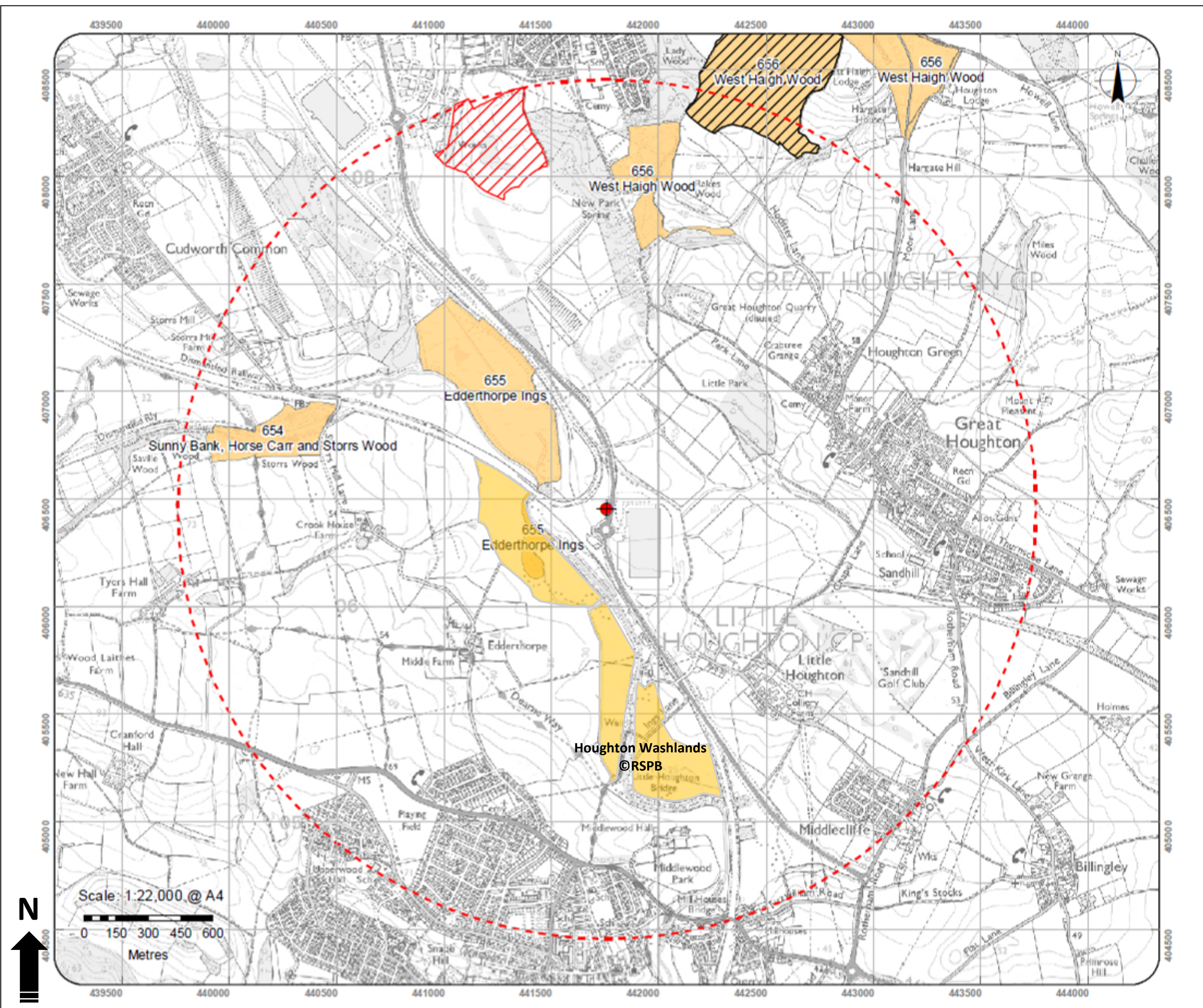


Figure 3
**Non-statutory Sites
(2km)**
ASOS Carpark, Barnsley

Legend

-  Local wildlife sites
-  Local nature reserves
-  Sites of special scientific interest
-  2km radius



Boundaries and other extents are indicative. Please refer to Architect drawings for accuracy.

ASOS
knightwebb
PROPERTY SOLUTIONS

Drawing No: 18403-05 Rev: B

Revisions			
A	B	C	D
08/06/17	24/10/17		

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Figure 4

Hedgerow Protection & fencing arrangement

ASOS Carpark, Barnsley

Legend

- Development footprint
- Hedgerow
- Temporary site security fence providing tree & vegetation protection
- Proposed permanent security fence

Boundaries and other extents are indicative. Please refer to Architect drawings for accuracy.

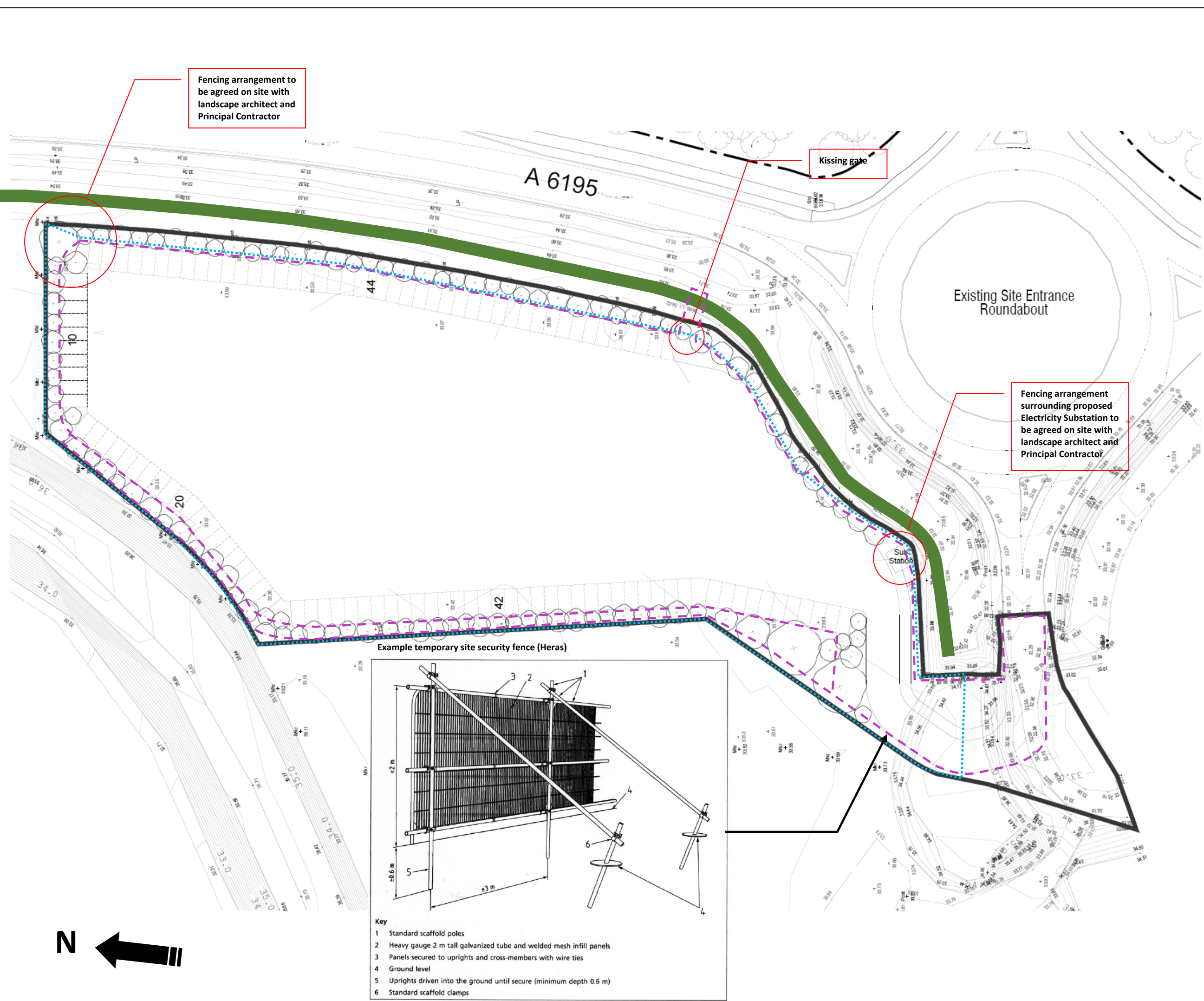


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A	B	C	D
19/10/17			

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3.3. PRACTICAL MEASURES TO AVOID IMPACTS DURING CONSTRUCTION

Siting and timing of all construction activities

- 3.3.1. Refer to 3.4.

Erection of fences & warning signs

- 3.3.2. Refer to 3.8.

Erection of wildlife exclusion barriers

- 3.3.3. N/A

Security & other construction lighting

- 3.3.4. Security/construction lighting will be directed away from surrounding natural habitat, and avoid illuminating the hedgerow, except where health & safety requires illumination. Refer to 3.9.

Monitoring of destructive activities

- 3.3.5. A destructive search of all areas within the site was carried out in October 2017 by a suitably qualified ecologist prior to site clearance such as vegetation clearance or soil stripping.

Species rescue and translocation

- 3.3.6. A destructive search was carried out in October 2017 and no animals were found.

Provision of temporary wildlife shelters

- 3.3.7. N/A

Invasive species

- 3.3.8. N/A

Biosecurity protocol

- 3.3.9. N/A

Inspections

- 3.3.10. Inspections to ensure that wildlife does not become trapped in pipes, excavations or machinery shall regularly be carried out and items such as trenches will contain a means of escape for wildlife where left overnight.

Training and awareness

- 3.3.11. The Principal Contractor should acknowledge the contents of this CEMP.

Procedures to avoid pollution incidents

- 3.3.12. No oil, bitumen, cement or other material likely to cause an adverse effect shall be stored or discharged within 10 metres of a tree or hedgerow.

Reporting of unexpected occurrence of protected species

- 3.3.13. The Ecological Clerk of Works will be informed should a previously unrecorded protected species such as an amphibian or reptile be found during construction/implementation. The Ecological Clerk of Works will be The Ecology Practice 01989 770457.

3.4. LOCATION AND TIMING OF SENSITIVE WORKS TO AVOID HARM TO BIODIVERSITY FEATURES

- 3.4.1. All habitat of value to biodiversity which is required to be removed for development will be removed prior to the bird breeding season (i.e. before 1st March or after 31st August). Where this is not possible and habitat must be removed during the bird breeding season, such removal will follow guidance from an Ecological Clerk of Works and be subject to local authority approval.

3.5. TIMES DURING CONSTRUCTION WHEN SPECIALIST ECOLOGISTS NEED TO BE PRESENT ON SITE TO OVERSEE WORKS

- 3.5.1. N/A

3.6. RESPONSIBLE PERSONS AND LINES OF COMMUNICATION

3.6.1. To ensure that the project team and interested parties know who to liaise with:

3.6.2. Please contact the Ecology Practice, as follows:

Willowgate, Welsh Newton Common, NP25 5RT

07867 580491 or 01989 580491

3.7. THE ROLE AND RESPONSIBILITIES ON SITE OF AN ECOLOGICAL CLERK OF WORKS (ECOW)

3.7.1. N/A

3.8. USE OF PROTECTIVE FENCES, EXCLUSION BARRIERS AND WARNING SIGNS

Location

3.8.1. All areas outside the construction zone, including and especially Biodiversity Protection Zones listed in 3.2, will be protected by fencing to prevent disturbance from construction activities, and appropriate hazard signage used. Refer to Figure 4.

Type

3.8.2. Generally temporary security and protective fencing will consist of a typical heras fence such as that shown in Box 1.

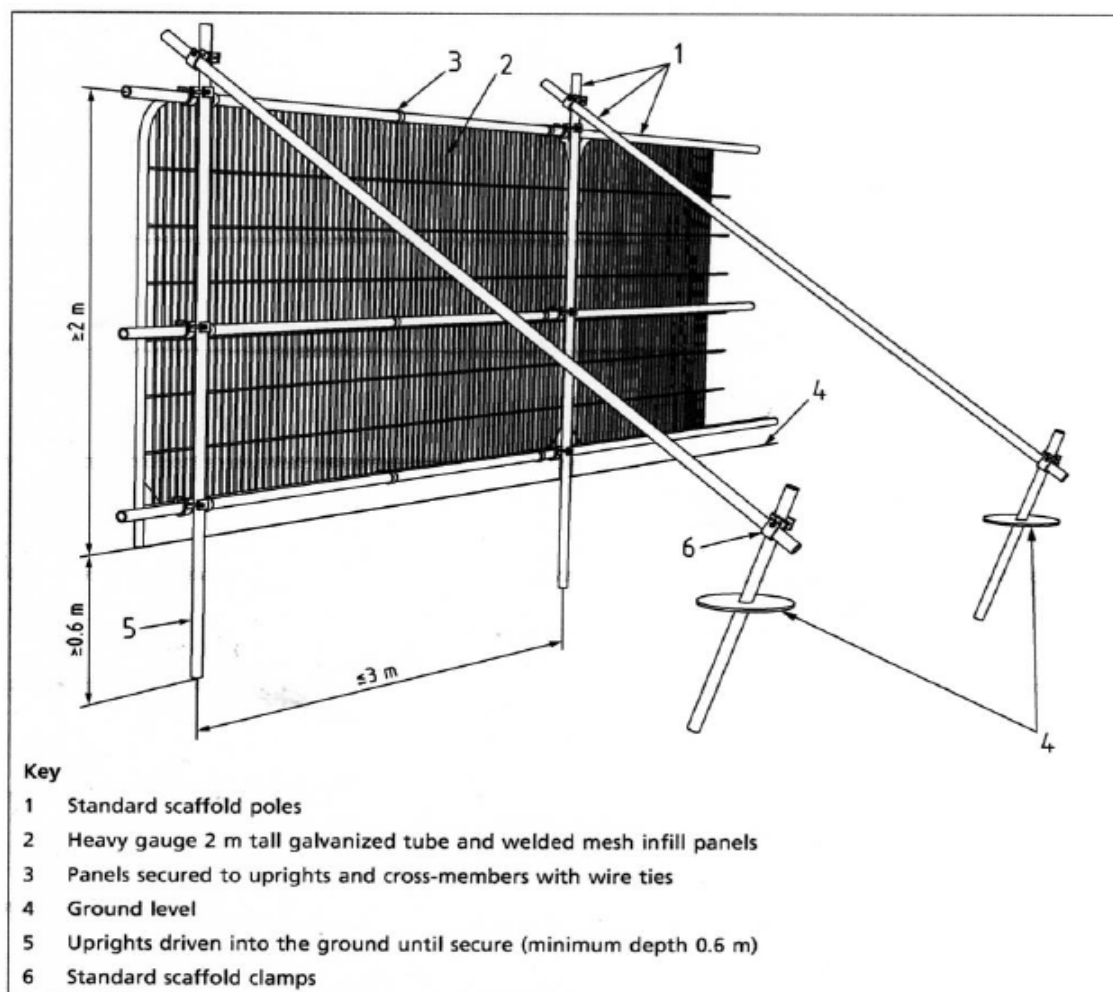
3.8.3. The use of plastic tape, etc., instead of fixed fencing will be considered only in situations where very temporary protection is needed and will be restricted to operations where on-site ecological monitoring and advice, e.g. as provided by an ECoW, is available throughout the operations that pose a risk.

3.8.4. Permanent fencing will be 2.4-meter-high plastic-coated steel paladin fencing with cranked top finished in a dark green colour.

Timing

- 3.8.5. Protective fencing will be erected before any materials or machinery are brought onto the whole or part of a site where a risk has been identified, and before any demolition, development or removal of soil or vegetation commences. Once erected, barriers will not be removed or altered without prior recommendation by an ecologist and approval

Box 1: Typical heras fencing



in writing by the decision-maker.

Signage

- 3.8.6. Appropriate signage will be installed on this fencing in appropriate numbers and locations to inform people of the importance of the features it protects and the need to avoid moving the fencing without authorization.

3.9. LIGHTING TO BE USED DURING THE CONSTRUCTION PERIOD, ENSURING THAT SENSITIVE AREAS REMAIN UNILLUMINATED

- 3.9.1. All temporary lighting used during construction will ensure low emission are below 3 lux at ground level, to avoid disturbance to bat flight paths (BCT 2007¹). Directional lighting (e.g. cowls, baffles and shields) will be used to ensure there is no light spill towards natural habitat.

¹ **BCT 2007.** Bats and Lighting in the UK (*Bats and the built environment series*). Bat Conservation Trust.

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