

PLAN 4 : 02/02/2017

ECOW WORK TO RESUME W/C 06/02/2017
WITH THE SUPERVISION OF EXCAVATOR
MACHINE & ANY REMAINING
Key: STRIMMERS IF NECESSARY

- Key:
- Planning Application Boundary
 - Trees to be removed.
 - Vegetation to be removed.
 - Existing vegetation retained.
 - Trees retained
 - Root Protection Area of Category A Trees/Groups
 - Root Protection Area of Category B Trees/Groups
 - Root Protection Area of Category C Trees/Groups

Notes:

Refer to SJA Arboricultural Survey (November 2016) for further information.
This drawing is composed of OS Base and drawing
A720-E01-SW-SJA-PL-DR-0001.

AREAS CLEARED/CHECKED
ON 02/02/2017

Minet Country

AREAS NOT CLEARED
DUE TO ROAD PROXIMITY

ALL AREAS STRIMMED &
CHECKED BARRENS TWO
SMALL BRAMBLE THICKETS
FW N.W. OF SITE ADJ,
PARKWAY, DUE TO ROAD
PROXIMITY,

NAT COGNADO
DUE TO ROAD
PROXIMITY

DEER
TRACKS
OBSERVED

CONSULTANT'S

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DRAWING TITLE

Western Access Trees Removed/Retained

DRAWING NUMBER

A720-E05-IW-HED-LS-0004

REV

D

REVISION

REV C - Composed from SJA drawing and OS Base 181110
REV D - Minor Updates 170108

SCALE

1:1000 @ A1

DRAWN

SB

DATE

15/08/14

CHECKED

DATE

APPROVED

PA

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Results and Recommendations

The habitat within the Study Area comprises scrub, plantation broad-leaved woodland, semi-improved grassland with tall ruderal vegetation, the River Crane and individual trees.

Ramboll Environ's recommendations with regards requirements for further surveys is summarised below:

- The Study Area is suitable for use by a variety of invertebrate surveys, and a number of butterflies were observed during the survey. To recap, Ramboll Environ's January 2016 letter advised that update invertebrate surveys of the Site are not necessary, and this advice remains valid.
- The Study Area is of limited suitability for amphibian species. To recap, Ramboll Environ's January 2016 letter advised that further surveys are not necessary, and this advice remains valid.
- The Study Area is suitable for use by reptiles. To recap, Ramboll Environ's January 2016 letter advised that no reptiles were recorded on the Wider Site in previous surveys, and that update surveys would be required after mid-2017. To update following this walkover survey, no further surveys are required of the Study Area if clearance is undertaken prior to 2017.
- The Study Area is suitable for nesting birds and the River Crane is suitable for use by waterfowl. Dunnock *Prunella modularis*, blackbird *Turdus merula*, mallard *Anas platyrhynchos* and little egret *Egretta garzetta* were recorded during the July 2016 survey. As advised in Ramboll Environ's January 2016 letter, vegetation clearance should be avoided between late February and the end of August, and if this cannot be avoided should be undertaken within 48 hours following checks for nesting birds by an experienced ecologist. In addition, clearance of trees should be undertaken in accordance with planning conditions stating that trees should not be cleared during the nesting bird season. These recommendations remain valid.
- One mature oak tree *Quercus robur* with moderate suitability for use by roosting bats is present on the Site, as shown in Figure 1. It is understood from discussions with Alex Self that this tree will be retained during the vegetation clearance works. No further trees suitable for use by roosting bats were identified within the Study Area. Provided the oak tree is retained, no further surveys for bats are required.
- The River Crane is suitable, though sub-optimal, for use by otters and water voles. To recap, Ramboll Environ's January 2016 letter summarised that no otters or water voles were recorded on the Site in previous surveys. It was recommended that further surveys of the River for otters and water voles should be undertaken prior to any works which will affect the banks (including vegetation clearance within 6m of the banks). Work to clear vegetation over 6 m away from the banks will not require otter or water vole surveys. These recommendations remain valid.
- No evidence of badger activity was recorded within the Study Area, although areas of dense scrub prevented an exhaustive survey for badgers. An update walkover survey for badgers should be undertaken prior to vegetation clearance, ideally in the winter months when vegetation has died back.
- Invasive species (as defined by Schedule 9 of the Wildlife and Countryside Act 1981), including giant hogweed *Heracleum mantegazzianum* and Himalayan balsam *Impatiens glandulifera* are present across the Study Area, particularly in the south and adjacent to the River Crane. These will require treatment ahead of vegetation clearance in accordance with Ramboll Environ's 2016 Method Statement for the Control of Invasive Plant Species (report reference MSUK11-21406_EC_05).

Summary

Table 1 summarises the recommended ecological actions required ahead of vegetation clearance at the Study Area.

Table 1: Summary of Ecological Action Requirements

Species	Action
Reptiles	No further surveys required if vegetation cleared prior to mid-2017.
Birds	Vegetation clearance should be avoided between late February and the end of August, and if this cannot be avoided should be undertaken following checks for nesting birds by an experienced ecologist. Clearance of trees should be undertaken in accordance with planning conditions stating that trees should not be cleared during the nesting bird season.
Bats	If tree suitable for use by roosting bats retained, no requirement for further surveys.
Otters and Water Voles	No further surveys required if work undertaken is more than 6 m from River Crane. Update survey required prior to work to banks of River Crane.
Badgers	Walkover survey for badger setts to be undertaken prior to vegetation clearance, ideally in winter months.
Invasive Plant Species	Require treating prior to vegetation clearance, in accordance with Ramboll Environs 2016 Method Statement for the Control of Invasive Plant Species.

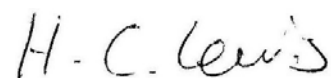
Should you require any additional information regarding these surveys, please do not hesitate to contact us.

Yours sincerely



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FIGURES

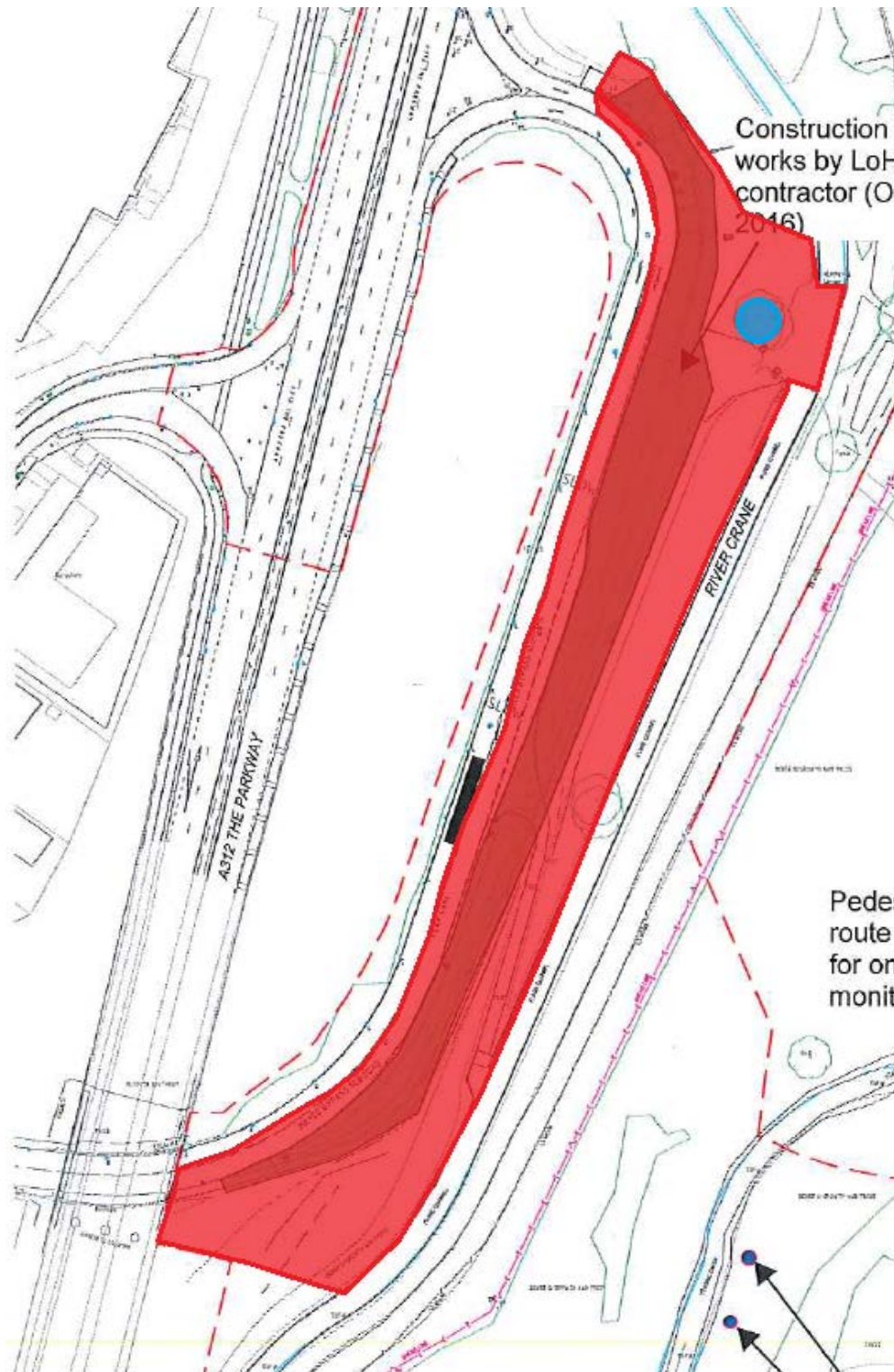


Figure 1: Study Area. Area surveyed shown in red, with bat tree in blue.

Appendix 3

Ecological Site Inspection Work Proforma 4