

ECOLOGICAL REPORT

Oxford Flood Alleviation Scheme: Bat Surveys – Results of Tree Climb Inspections

Prepared for

Environment Agency

January 2017

ch2m.SM

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Document History

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1	January 2017	1 st Draft	Miana Capuano	Harriet Webb	Phil Marsh
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Executive Summary

CH2M has been commissioned by the Environment Agency to undertake bat surveys to inform the potential alignments of a new two-stage channel as part of the Oxford Flood Alleviation Scheme (FAS). The Oxford FAS is critical in reducing the long-term risk of flooding to residential and commercial properties in the floodplains surrounding Oxford.

Preliminary tree inspections, undertaken in September and October 2016 (CH2M Preliminary Bat Inspections, 2016, ref IMSE500177-HGL-00-ZZ-RE-I-000179) identified 55 trees of varying species, age and maturity with potential roost features for bats. As many of these features were located at a height or position where they could not be reached safely from the ground, a further elevated inspection of these features was recommended. This report illustrates the results of these further elevated inspections. Of the 55 trees identified

- 14 trees were classified as having negligible habitat features likely to be used by roosting bats;
- 30 trees support potential roost site(s), however, these sites do not provide enough space, shelter, protection, appropriate conditions and/or suitable surrounding habitat to be used on a regular basis or by larger numbers of bats (low value);
- 8 trees (or tree features) have potential roost site(s) which could potentially be used by bats due to their size, shelter, protection, conditions and surrounding habitat but, are unlikely to support a roost of high conservation status (moderate value); and
- 2 trees (or tree features) have one or more potential roost site(s) that are obviously suitable for use by larger numbers of bats on a more regular basis and potentially for longer periods of time due to their size, shelter, protection, conditions and surrounding habitat (high value).

Six trees (or tree features) could not be directly inspected due to safety reasons.

Note: where the total number of potential roost features on a tree totalled more than one, the tree was divided into a number of features, i.e. feature 1 (F1), feature 2 (F2), and so on. The value of each roost feature was assessed separately in terms of its potential to support bats. Hence, whilst the total number of trees inspected totalled 55, the total number of tree features assessed was higher.

As such, this report illustrates the location of these trees and provides recommendations for further surveys and mitigation which should be incorporated into the project design, construction and operational phases to minimise impacts to bats.

No Special Areas of Conservation (SACs) designated for bats have been identified within 30 km of the scheme extents and no Sites of Special Scientific Interest (SSSIs), designated for bats, have been noted within 5 km of the site. As such no recommendations are made for assessment of the project with respect to a designated features or Annex II bat species. Should Annex II species be identified as a result of the further surveys recommended in this document then this status may need to be reevaluated.

Acronyms and Abbreviations

EPS	European Protected Species
FAS	Flood Alleviation Scheme
PRF	Potential Roost Features
SAC	Special Area of Conservation
SSSI	Site of Special Scientific Interest

Introduction

1.1 Background

Oxford has 4,500 properties at a one percent (%) or higher risk of flooding each year. This number could rise to nearly 6,000 by the year 2080 with the predicted effects of climate change. Major roads, the railway line, schools and businesses could also be affected by flooding.

The Oxford Flood Risk Management Strategy, published in 2009, produced a detailed study of the flood risk from rivers in Oxford. The Strategy described how flood risk can be managed in Oxford over the next 100 years, in 3 phases.

The first phase included asset repairs and maintenance, and was completed in 2012.

The principal components of the scheme, which is the second phase of the Strategy, are improvements to approximately 4.5 kilometres (km) of the floodplain to the west of Oxford to better manage flood water away from properties. This may also be augmented by improvements to approximately 1km of other channels.

Although the full scope and extent of the scheme is yet to be finalised, it has the potential to result in impacts to features used by bats. As bats are a European Protected Species (EPS), adverse impacts upon their status need to be avoided. This report illustrates the location of key features, which may support bats, within the schemes likely zone of influence and it provides guidance for further surveys and mitigation which should be incorporated into detailed project design, construction and operational phases to minimise impacts to bats.

1.2 Legislation

All bat species in the UK are legally protected, both by domestic and international legislation.

The legislation makes it an offence to:

1. Deliberately capture, injure or kill a bat;
2. Intentionally or recklessly disturb a bat in its roost or deliberately disturb a group of bats;
3. Damage or destroy a bat roosting place (even if bats are not occupying the roost at the time);
4. Possess or advertise/sell/exchange a bat (dead or alive) or any part of a bat; and
5. Intentionally or recklessly obstruct access to a bat roost.

Barbastelle (*Barbastella barbastellus*), Bechstein's (*Myotis bechsteinii*), Greater horseshoe (*Rhinolophus ferrumequinum*) and Lesser horseshoe (*Rhinolophus hipposideros*) bats are further protected, being listed on Annex II of the Habitats Directive which allows Special Areas of Conservation (SACs) to be designated for their presence. Projects or proposals which have the potential to adversely impact upon these designated sites should be screened and a determination of their likely impacts produced.

1.2.1 Conservation Status

Fourteen species of bat have been recorded in Oxfordshire. Each of these species and their likely distribution and range in Oxfordshire and the UK are illustrated in Table 1, overleaf.

Table 1*Conservation Status of Bats within Oxfordshire (Source: Oxfordshire bat group)*

Species/Group	Species status and distribution in the UK	Species distribution in Oxfordshire
Common pipistrelle <i>Pipistrellus pipistrellus</i>	<p>Common pipistrelle is widespread and common throughout Europe and the UK. Pipistrelle populations declined dramatically in the twentieth century. Their reliance on buildings for roosting makes them vulnerable to building development and renovation, exclusion and toxic timber treatments.</p> <p>Although maternity roosts for this species are commonly found in buildings, they will also readily use trees and have often been noted in riverside willows, alders and ash.</p>	Widespread throughout the county.
Soprano pipistrelle <i>Pipistrellus pygmaeus</i>	<p>Soprano pipistrelle is widespread and common throughout Europe and the UK. Pipistrelle populations declined dramatically in the twentieth century, almost certainly at least partly due to agricultural intensification. This species is strongly associated with water and factors affecting the quality of these habitats may also affect populations of Soprano pipistrelle. Its reliance on buildings for roosting makes it vulnerable to building development and renovation, exclusion and toxic timber treatments. Soprano pipistrelle, like Common pipistrelle will also readily use trees.</p>	Widespread throughout the county.
Nathusius' pipistrelle <i>Pipistrellus nathusii</i>	<p>Nathusius' pipistrelle appears to be widespread but rare across the UK with a peak in numbers during the late summer/early autumn migration period. As this is a strongly migratory species, it is likely to be at particular risk of collisions with wind turbines if these occur along its migratory routes. Maternity roosts are in buildings and trees, which are vulnerable to development and inappropriate land management. Other pressures include loss of habitats such as riparian, wetland, woodland and unimproved grassland.</p>	Scarce widespread, including migrants.
Daubenton's Bat <i>Myotis daubentonii</i>	<p>Daubenton's bat is widespread throughout Europe and the UK. Factors affecting water quality, riparian habitats including the availability of roosts in trees and artificial structures in these habitats, and underground hibernation sites could all affect populations of this species.</p>	Widespread and fairly abundant throughout county.
Natterer's Bat <i>Myotis nattereri</i>	<p>Natterer's bat is widespread throughout Europe and the UK. The increasing trend in barn conversions may have an impact on this species by reducing roosting opportunities. Remedial timber treatment in older buildings also needs to be carefully monitored to minimise impacts on populations of Natterer's bats.</p>	Generally widespread scarce,
Eptesicus-Nyctalus group	<p>Noctule is a relatively widespread species in England and Wales. Noctule colonies are reliant on trees for roosting and are often found in dead trees or branches. Poor management or loss of suitable trees is therefore likely to affect noctule populations. Factors affecting areas of high insect abundance where this species feeds, for example near waterbodies or wetland areas may also have an impact on its populations.</p>	Uncommon, widespread.
Brown long-eared <i>Plecotus auritus</i>	<p>The brown long-eared bat is widespread in the UK and across Europe. It is often found roosting in buildings and may therefore be vulnerable to building development and renovation, exclusion and toxic timber treatment. Colonies may also be affected by the rise in barn conversions.</p>	Widespread throughout the county.

	Brown long-eared bats are also one of the commonest woodland species and will readily roost in trees.	
Lesser Horseshoe <i>Rhinolophus hipposideros</i>	Rare, Wales and the south west.	Rare colonies in north and west of the county.
Serotine <i>Eptesicus serotinus</i>	Uncommon. Mainly south of a line from a line between the wash and south Wales.	Widespread though uncommon.
Bechstein's Bat <i>Myotis bechsteinii</i>	Very rare; southern and central England and Wales. English Section 41 priority species and IUCN Red list near threatened status.	Very rare, few records of the bat from north of the county.
Barbastelle <i>Barbastella barbastellus</i>	Very rare; southern and central England and Wales. English Section 41 priority species and IUCN Red list near threatened status.	Widespread though uncommon woodland roosting bat.
Brandt's bat <i>Myotis brandtii</i>	Found throughout England and Wales.	Uncertain, few in hand identifications.
Whiskered Bat <i>Myotis mystacinus</i>	Scarce though widespread	Uncommon, occasional roosts identified
Leisler's Bat <i>Nyctalus noctula</i>	Scarce though widespread	Uncommon though widespread, few known roosts in the west, centre and north of the county

1.3 Aim

This report provides an assessment of features which may be used by bats within the likely extents of the FAS. It states the methodology and results of the tree inspections undertaken and an outline of the potential associated impacts of the proposed scheme on bats. It also provides guidance on further surveys and mitigation measures which can be implemented as part of the scheme design to minimise adverse impacts to bats.

1.4 Survey Area

The survey area includes the anticipated scheme extents as illustrated by the orange line in Appendix 1 of this document. Each of the 55 trees identified for an elevated inspection are illustrated.

1.5 Desk Study

The data search, as obtained from the Thames Valley Environmental Records Centre (TVERC) in support of the Preliminary Ecological Appraisal - Phase 1 (CH2M, 2015 & 2016) for the project revealed no records of bats from within the proposed scheme footprint and no records of SACs within 30 km of the site or SSSIs designated for bats within 5 km of the scheme extents.

Survey Methods

2.1 Tree Inspections

Tree inspections to determine the presence or likely presence of features used by roosting bats were undertaken in two stages:

Stage 1: Ground inspection of all trees within the survey area, to identify trees hosting likely characteristic features (for example rot or woodpecker holes, hazard beams, cracks, fissures or dense ivy) that may support roosting bats. These assessments were undertaken by experienced ecologists from CH2M. The inspection was undertaken over several days with the ecologists systematically searching each tree with a torch and binoculars. Potential roost features (PRF) were then recorded for inspection at Stage 2. Many of the trees on the site are already tagged, with a tree tag, but where PRF were noted and a tag was not present a tag was added to aid identification. This inspection was reported in the separate Preliminary Bat Survey report, reference IMSE500177-HGL-00-ZZ-RE-I-000179.

Stage 2: Climbed and endoscope inspection of characteristic features identified during the Stage 1 inspection. The inspection included a thorough climbed search of the tree by experienced climbing bat workers from Greena Ecology. Where appropriate and subject to safety constraints, suitable features were inspected with an endoscope. A ground inspection of trees identified during the Preliminary Roost Assessment (2016) of the site was undertaken to identify trees hosting likely characteristic features (for example rot or woodpecker holes, hazard beams, cracks, fissures or dense ivy) that may support roosting bats. The inspection was undertaken over several days with the ecologists systematically searching each tree with a torch and binoculars. Potential roost features (PRF) were then recorded for further inspection. Many of the trees on the site are already tagged, but where PRF were noted and a tag was not present a tag was added to aid identification.

2.2 Data Analysis

All tree inspections resulted in the production of annotated field maps and forms noting potential roosting features.

2.3 Limitations

Tree inspections are reliant on the identification and inspection of potential bat roosting features, bats however are cryptic species and may not always use specific features. Inspections can also be limited when safe access to a tree may not be feasible for example if the tree is overhanging a water course or rail corridor.

Many of the structures are bridges spanning water courses, accordingly their elevated location and position over a water course often means that full site access was restricted.

Results

3.1 Tree Inspections

This section details the results of the roost assessments of structures and tree inspections undertaken in August and September 2016.

The tree inspections identified 55 trees of varying species, age and maturity with PRF. The key highlights are summarised in Table 2 and are provided in more detail in Appendix 2. In total:

- 14 trees were classified as having negligible habitat features likely to be used by roosting bats;
- 30 trees have potential roost site(s), however, these sites do not provide enough space, shelter, protection, appropriate conditions and/or suitable surrounding habitat to be used on a regular basis or by larger numbers of bats (low value);
- 8 trees (or tree features) have potential roost site(s) which could potentially be used by bats due to their size, shelter, protection, conditions and surrounding habitat but, are unlikely to support a roost of high conservation status (moderate value); and
- 2 trees (or tree features) have one or more potential roost site(s) that are obviously suitable for use by larger numbers of bats on a more regular basis and potentially for longer periods of time due to their size, shelter, protection, conditions and surrounding habitat (high value). One of these had confirmed bat usage (droppings present, not identified to species).

Six trees (or tree features) could not be directly inspected due to safety reasons.

Note: where the total number of potential roost features on a tree totalled more than one, the tree was divided into a number of features, i.e. feature 1 (F1), feature 2 (F2), and so on. The value of each roost feature was assessed separately in terms of its potential to support bats. Hence, whilst the total number of trees inspected totalled 55, the total number of tree features assessed was higher.

Table 2
Tree Inspection Results

Tree Value	Tree numbers	Total number of tree / tree features.
Negligible	10, 20, 22, 25, 30, 44, 46, 49, 54, 56, 72, 79, 83, 89	14
Low	13, 15, 16, 17, 18, 23, 24, 27 (f1/f2), 29, 38, 39, 43, 45, 51 (f1/f2/f3), 52, 57, 63, 64 (f1/f2/f3), 65, 68 (f2), 69, 73 (f1), 74, 78 (f1/f2/f3), 87, 92, 94, A, B, X	30
Moderate	19 (f1/f2), 32, 42 (f1/f2), 62, 68 (f1/f3), 73 (f2), 81, 90 (f1)	8
High	26, 94 (f1)	2
Unconfirmed	40, 21 (1f), 75 (f1/f2/f3), 84, 90 (f2)	5

As noted in the Preliminary Bat Report (CH2M, November 2016), one area of land was not accessible at the time of the survey, due to its location between the river, road and rail corridors. Access issues are currently being investigated and preliminary plans have been made to survey these trees in the first quarter of 2017 (see Recommendations, section 4.3).

Evaluation, Impacts and Recommendations

4.1 Evaluation

This section presents an evaluation of the site based on the results of the tree and building inspections and habitat assessments. The results and indicative evaluation have been used to provide a brief assessment of the likely ecological impacts of the proposed scheme to bats and the measures which will need to be implemented as part of the scheme to avoid any adverse impacts to bats.

The site supports a number of trees (as well as structures and buildings as noted in the Preliminary Bat report), which have **moderate** potential to support roosting bats, as well as variety of continuous features, likely to be of **high** value to commuting and foraging bats.

No known roosts or critically endangered species have been recorded from the locality, as such it is likely that the site is of local or county importance to bats. Further surveys will however be required to support this assessment.

4.2 Potential Impacts of Proposed Works

The likely impacts of the proposed scheme with respect to bats are likely to be two fold. Flood alleviation schemes can have both positive and negative impacts. The creation of new channels can promote the development of ecologically diverse habitats of value to bats. However, in order to establish such habitat, tree and vegetation clearance is likely to be necessary. Such impacts have the potential, if unmitigated, to reduce available foraging and commuting habitat and kill or injure bats using the site. Impacts such as these can cause both short and long term impacts to bats.

Furthermore, the loss or modification of trees and structures to facilitate the works could result in the reduction and loss of roosting habitat. In addition, construction lighting, vibration, noise and human presence to facilitate the scheme has the potential to temporarily disrupt and sever forage and commuting corridors for bat species using the site.

There is potential for an adverse impact to bats using the site, which is to be assessed during the EIA process on the basis of the survey results.

4.3 Recommendations

In order to mitigate for the loss of habitat likely as a result of the proposed works it is recommended that the following further bat surveys of the location be performed, this includes:

- A preliminary roost inspection of those trees not previously surveyed.
- Further dawn and dusk emergence surveys of trees, listed as low to high bat potential to be affected by the proposed scheme should be undertaken:
 - Trees classified as low potential should receive one emergence survey
 - Trees classified as moderate should receive two emergence surveys; and;
 - Trees classified as high or confirmed roost status should receive three emergence surveys.
- Consultation with the Oxfordshire Bat Group to ascertain any information in relation to local sites or areas of favourable interest with respect to bats. Contact details for the group are as follows: David Endacott, 27 Hedge Hill Road, East Challow, Wantage, Oxfordshire, OX12 9SD. Tel: 01235 764832. Email Info@oxfordshirebats.org

Other surveys, specifically transect surveys of feeding and commuting behaviour, were identified in the earlier report, ref IMSE500177-HGL-00-ZZ-RE-I-000179. Refer to that report for further information on this recommendation, which is not affected by the conclusions of this report.

Mitigation to be incorporated into the scheme design should include the following, to the extent possible (while noting that in some cases other ecological priorities may constrain the bat mitigation and alternative approaches may be needed):

- Seasonally restricted and staged clearance of vegetation to minimise loss of habitat during the active bat season (April to October) inclusive.
- The retention of mature broad-leaved woodland and structures or features to both maintain commuting routes and retain potential roosting features. Such measures should be incorporated into the landscape design for the project. Unavoidable losses of trees, woodland and scrub should be compensated for within the landscape design using native species appropriate to the locale. Replacement planting of mature trees requiring removal should be in the proportion 3:1.
- The retention of hedgerows and scrub. In the event that a feature cannot be retained it should be compensated in the landscape design with species of value to foraging bats. New or reinstated hedgerows should be a minimum of 3m wide and support a diversity of species favoured by bat forage insects. They should seek to maintain and reinforce habitat connectivity across the site. It is noted that, in practice, the nature of the scheme means retention or replacement of hedgerows is unlikely to be practicable.
- Where ditch or waterbody loss is unavoidable, new ditches should be created to compensate for these losses, the ditches should be a minimum of 2 m wide and seek to establish, if not improve the characteristics of those features to be lost. Hedgerow and scrub planting should be established along the edges of the waterbodies to maintain and enhance foraging corridors.
- Night working and construction lighting in the vicinity of trees, scrub, hedgerows, streams and ditches should be avoided. If such impacts cannot be avoided, they should be seasonally restricted to avoid the active bat period (April to October). Where seasonal restrictions are not possible, light sources should be directed away from flight pathways and roosts. Lux levels should be reduced and screening or cowling should be fitted to restrict lighted areas to the minimum to facilitate work.
- An EPS Licence will be required for removal of any roosts. It is likely that this licence, which should be sought from Natural England, will include the requirement to establish a replacement roost and for works at that locality to be seasonally restricted to minimise the risk of animals being killed or injured.
- Where possible works which would directly impact upon a roost or potential roosting feature, the design should seek to retain these features.
 - Where it is not possible to retain a tree roost or potential tree roost such features should be soft felled in the winter months under the supervision of an experienced bat worker. Replacement trees should also be planted to compensate for the loss of the trees and, temporary replacement bat roosts should be installed whilst planting measures mature. Such features should conform to published roost replacement guidance provided by the Bat Conservation Trust. As bats may use these features in the future they should be soft felled under the supervision of an experienced bat worker. Where any boughs with cavities are to be lost there should be consideration for the section felling to allow for features to be strapped onto the branches of retained trees. The removal of confirmed roosts (e.g. tree 94, if its removal is unavoidable) is only permissible under licence from Natural England.
 - Where it is not possible to retain a roost in a building or structure, a replacement roosts of equal value will need to be established within the vicinity of the feature to be lost, again the loss of any confirmed roost feature should only be undertaken, subject to a licence issued by Natural England. Works to such a feature may also need to be seasonally restricted to allow for different roost characteristics.

References

CH2M, 2015. Oxford FAS Ecological Appraisal. Report produced for the Environment Agency, ref IMSE500177-HGL-00-ZZ-RE-C-000029

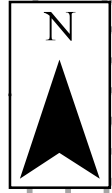
CH2M, 2016. Oxford FAS Ecological Appraisal Summer 2016. Report produced for the Environment Agency, ref IMSE500177-HGL-06-ZZ-RE-I-000151

CH2M, 2016. Oxford FAS Preliminary Bat Survey. Report produced for the Environment Agency, ref IMSE500177-HGL-06-ZZ-RE-I-000179

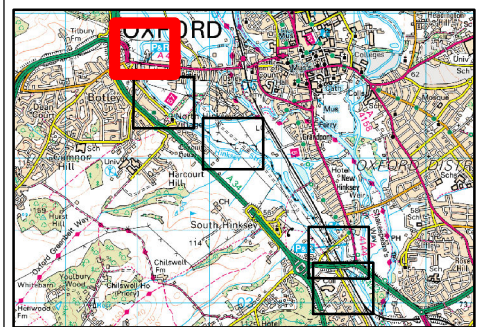
Oxfordshire Bat Group. Oxfordshire Bats [online]. Available from:
<http://www.oxfordshirebats.org/oxfordshire-bats.html> [Accessed 26 October 2016]

Appendix 1

Bat Inspection Maps



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Legend

- Scheme Extents
- Access Restricted by Railway
- Tree bat potential, incidental result of other surveys
- Trees with Bat Potential as identified by the Phase 1
- ▲ Tree identified for further elevated/climbed inspection

Building or Structure Bat Roost Potential

- Negligible - Negligible habitat features in building or structure likely to be used by roosting bats.
- Low - A structure or building with one or more potential roost sites that could be used by individual bats opportunistically. However, these potential roost sites do not provide enough space, shelter, protection, appropriate conditions and/or suitable surrounding habitat to be used on a regular basis or by larger numbers of bats (i.e. unlikely to be suitable for maternity or hibernation).
- Moderate - A structure with one or more potential roost sites that could be used by bats due to their size, shelter, protection, conditions and surrounding habitat but unlikely to support a roost of high conservation status.
- High - A structure with one or more potential roost sites that are obviously suitable for use by larger numbers of bats on a more regular basis and potentially for longer periods of time due to their size, shelter, protection, conditions and surrounding habitat.

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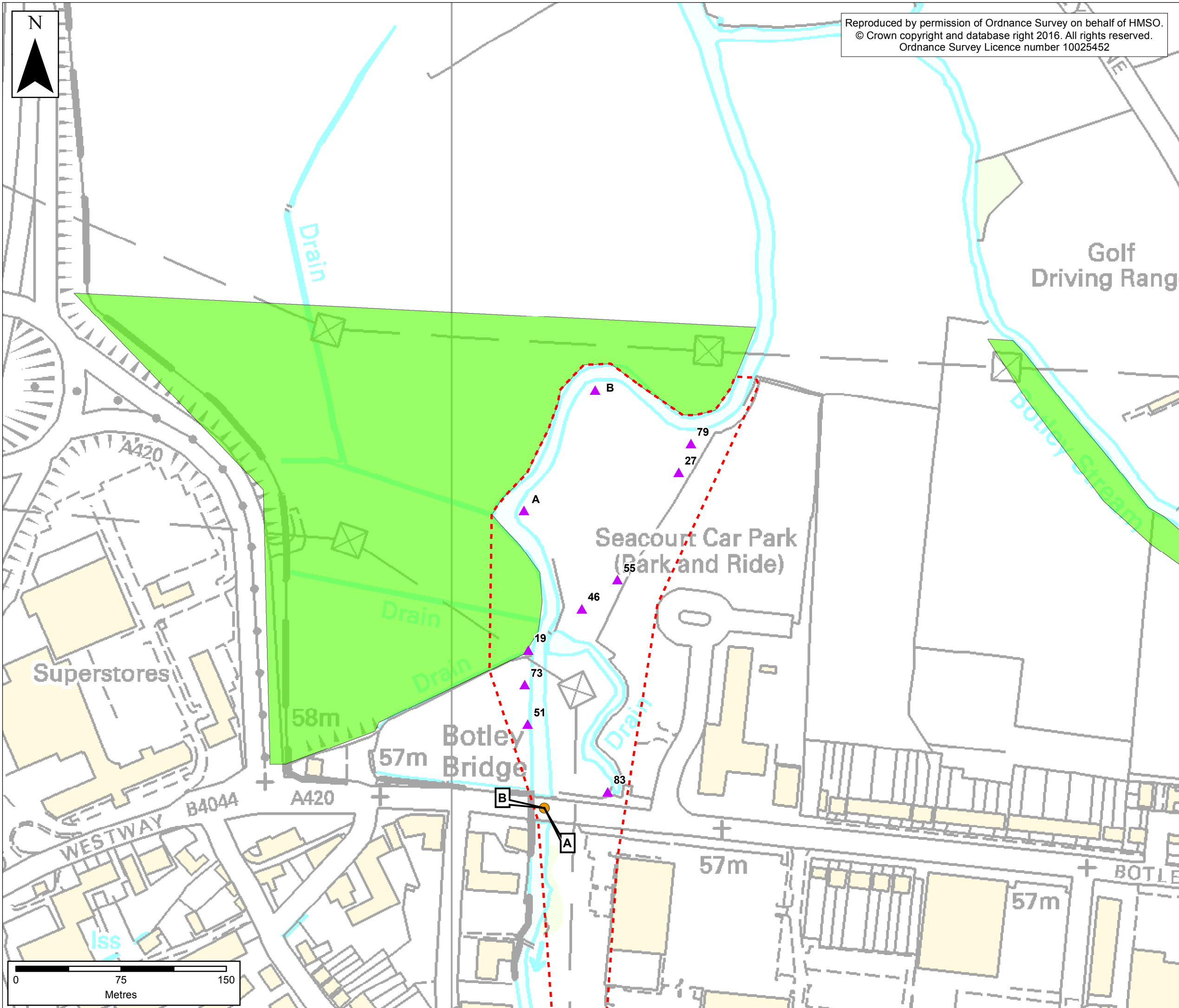
Project :
 Oxford Flood Alleviation Scheme

Drawing :
 Appendix 1: Preliminary Bat Inspection

Drawn By : Martin Costello Date: 20/10/2016
 Checked By : Harriet Webb Date: 20/10/2016
 Approved By : Carolyn Francis Date: 20/10/2016

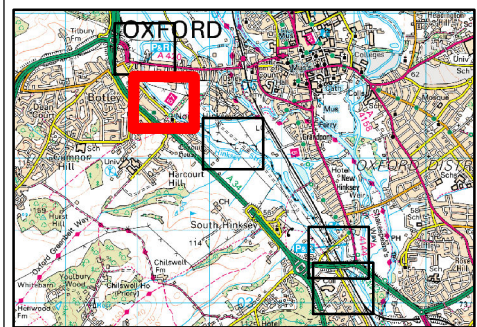
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 Map 1 of 5

Drawing Scale : 1:2,500














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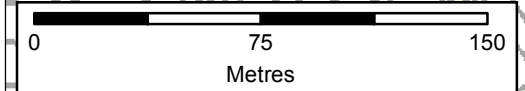
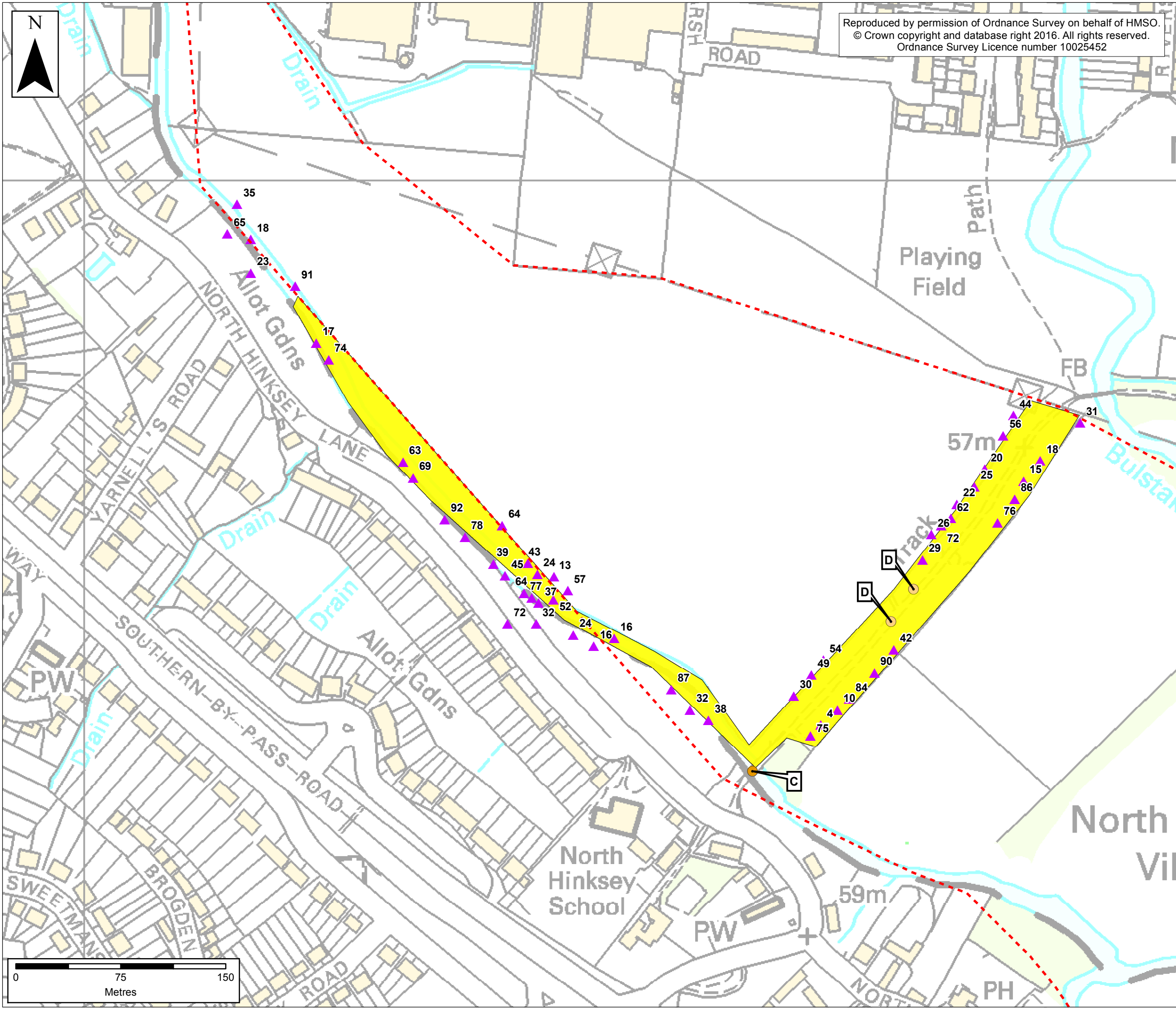
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Project :
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Drawing :
Appendix 1: Preliminary Bat Inspection

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Checked By : Harriet Webb Date: 20/10/2016
Approved By : Carolyn Francis Date: 20/10/2016

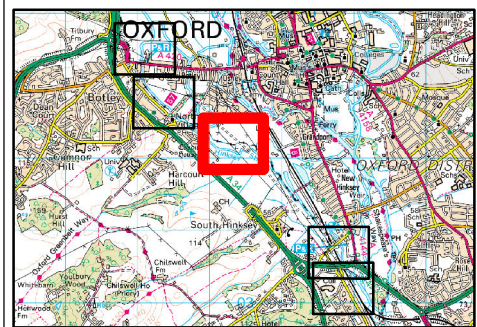
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Map 2 of 5

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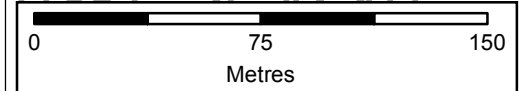
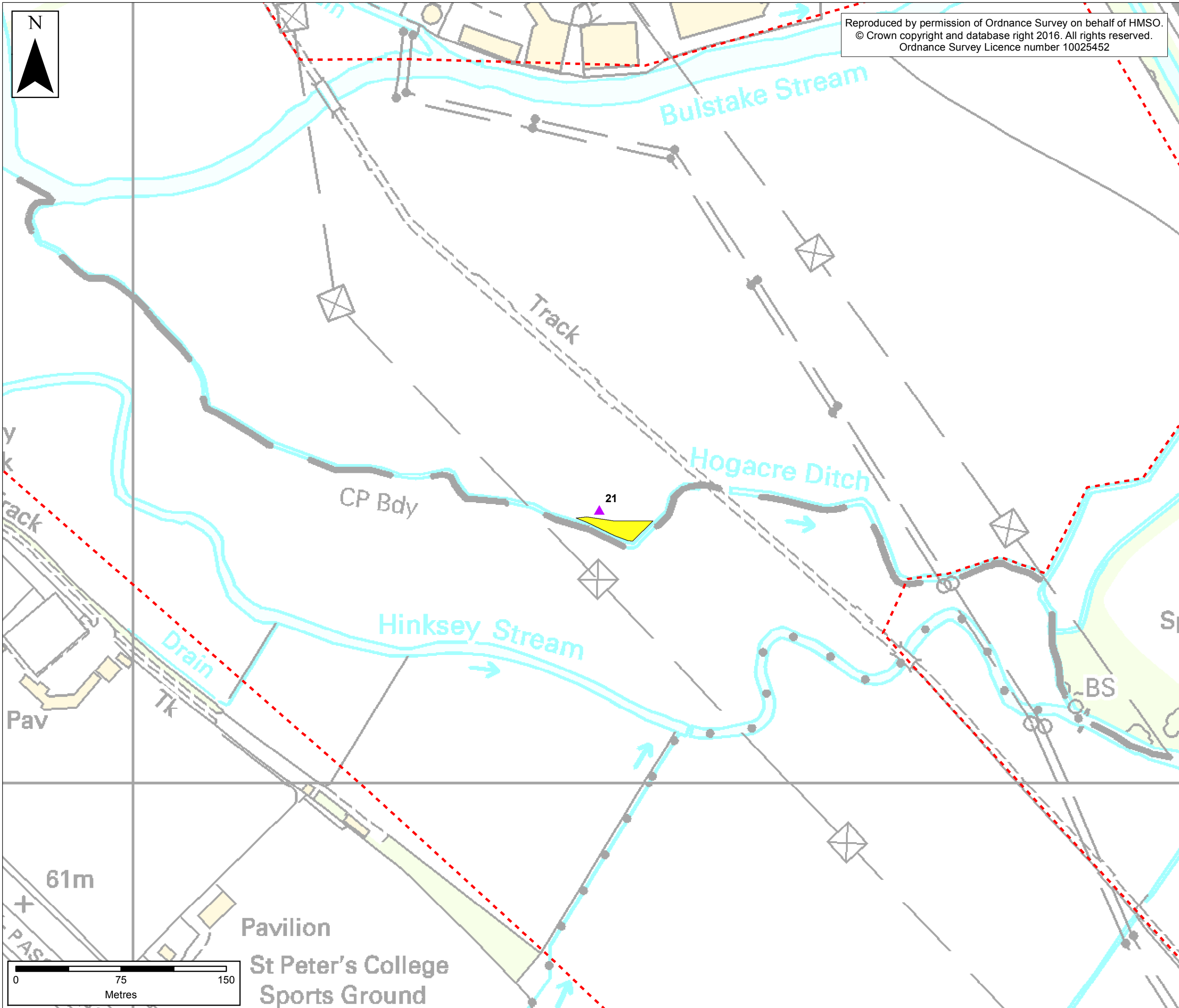
Project :
Oxford Flood Alleviation Scheme

Drawing :
Appendix 1: Preliminary Bat Inspection

Drawn By : Martin Costello Date: 20/10/2016
 Checked By : Harriet Webb Date: 20/10/2016
 Approved By : Carolyn Francis Date: 20/10/2016

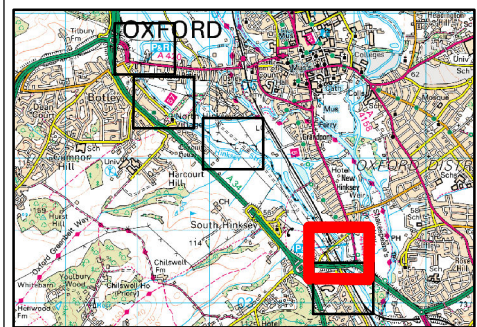
Drawing No. :
Map 3 of 5 Revision -

Drawing Scale : 1:2,500





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Legend

- Scheme Extents
 - Access Restricted by Railway
 - Tree bat potential, incidental result of other surveys
 - Trees with Bat Potential as identified by the Phase 1
 - ▲ Tree identified for further elevated/climbed inspection
- Building or Structure Bat Roost Potential**
- Negligible - Negligible habitat features in building or structure likely to be used by roosting bats.
 - Low - A structure or building with one or more potential roost sites that could be used by individual bats opportunistically. However, these potential roost sites do not provide enough space, shelter, protection, appropriate conditions and/or suitable surrounding habitat to be used on a regular basis or by larger numbers of bats (i.e. unlikely to be suitable for maternity or hibernation).
 - Moderate - A structure with one or more potential roost sites that could be used by bats due to their size, shelter, protection, conditions and surrounding habitat but unlikely to support a roost of high conservation status.
 - High - A structure with one or more potential roost sites that are obviously suitable for use by larger numbers of bats on a more regular basis and potentially for longer periods of time due to their size, shelter, protection, conditions and surrounding habitat.

Rev	By	Chkd	Apprvd	Date	Description

Client
 Environment Agency
 Kings Meadow House
 Kings Meadow Road
 Reading
 RG1 8DQ



CH2M HILL
 Burdorp Park, Swindon, SN4 0QD
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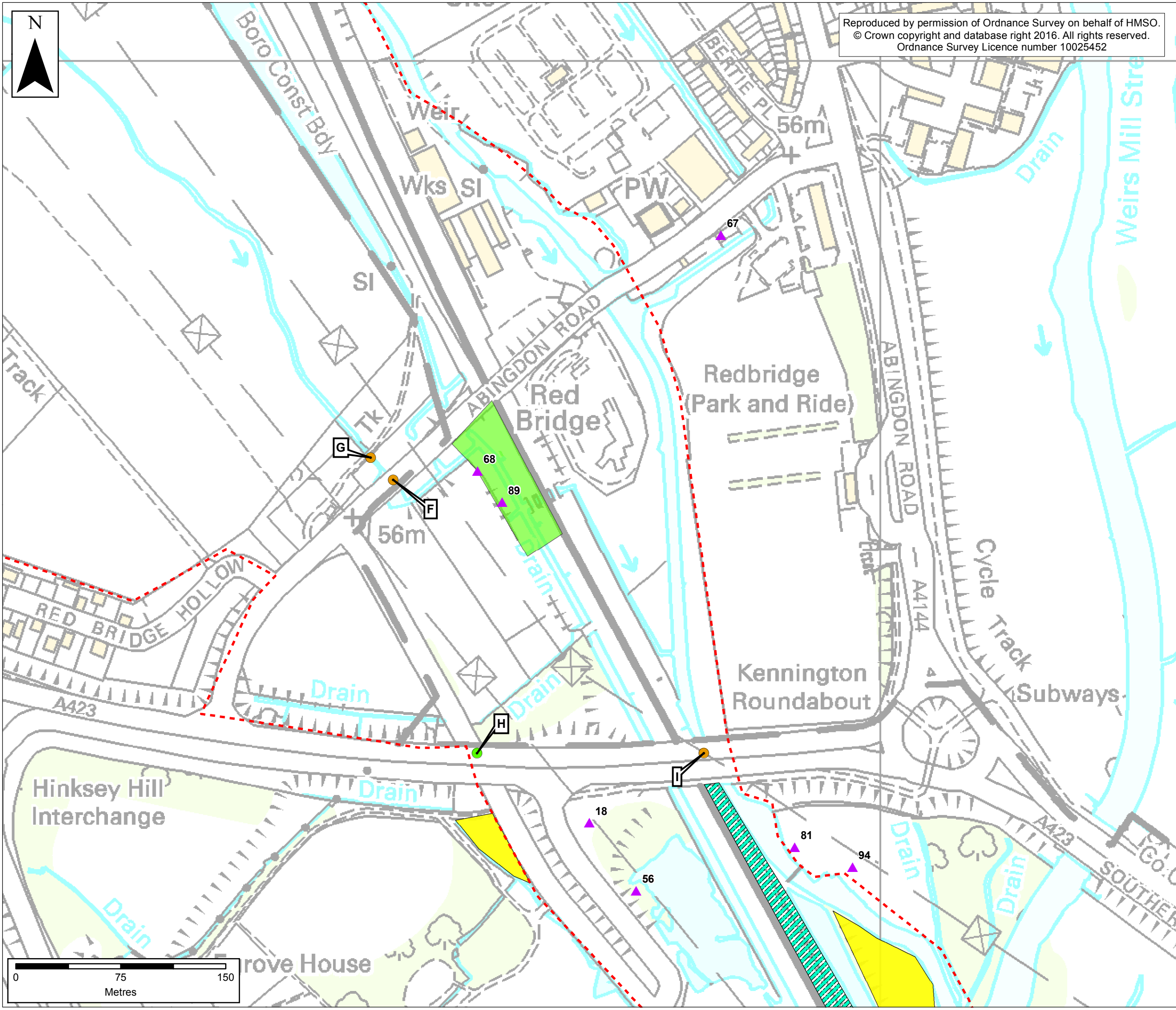
Project :
 Oxford Flood Alleviation Scheme

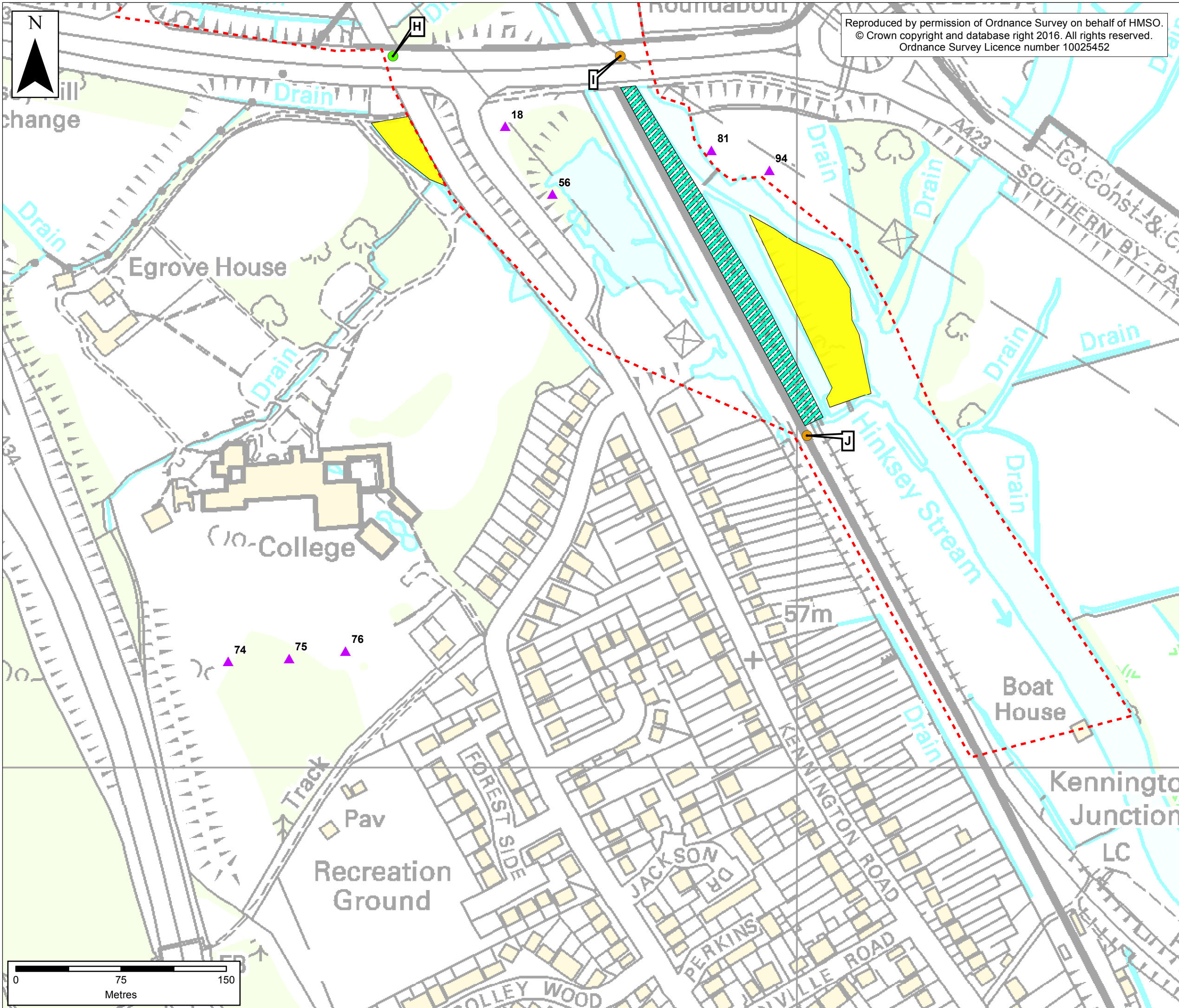
Drawing :
 Appendix 1: Preliminary Bat Inspection

Drawn By : Martin Costello Date: 20/10/2016
 Checked By : Harriet Webb Date: 20/10/2016
 Approved By : Carolyn Francis Date: 20/10/2016

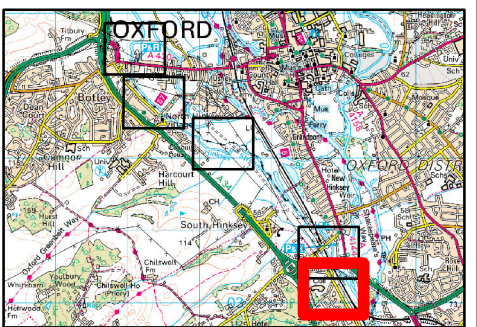
Drawing No. :
 Map 4 of 5

Drawing Scale : 1:2,500





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Legend

- Scheme Extents
- Access Restricted by Railway
- Tree bat potential, incidental result of other surveys
- Trees with Bat Potential as identified by the Phase 1
- ▲ Tree identified for further elevated/climbed inspection

Building or Structure Bat Roost Potential

- Negligible - Negligible habitat features in building or structure likely to be used by roosting bats.
- Low - A structure or building with one or more potential roost sites that could be used by individual bats opportunistically. However, these potential roost sites do not provide enough space, shelter, protection, appropriate conditions and/or suitable surrounding habitat to be used on a regular basis or by larger numbers of bats (i.e. unlikely to be suitable for maternity or hibernation).
- Moderate - A structure with one or more potential roost sites that could be used by bats due to their size, shelter, protection, conditions and surrounding habitat but unlikely to support a roost of high conservation status.
- High - A structure with one or more potential roost sites that are obviously suitable for use by larger numbers of bats on a more regular basis and potentially for longer periods of time due to their size, shelter, protection, conditions and surrounding habitat.

Rev	By	Chkd	Apprvd	Date	Description

Client
 Environment Agency
 Kings Meadow House
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www.ch2m.com
 Project :
 Oxford Flood Alleviation Scheme









Drawing :
 Appendix 1: Preliminary Bat Inspection




Drawn By : Martin Costello Date: 20/10/2016
 Checked By : Harriet Webb Date: 20/10/2016
 Approved By : Carolyn Francis Date: 20/10/2016





Drawing No. :
 Map 5 of 5




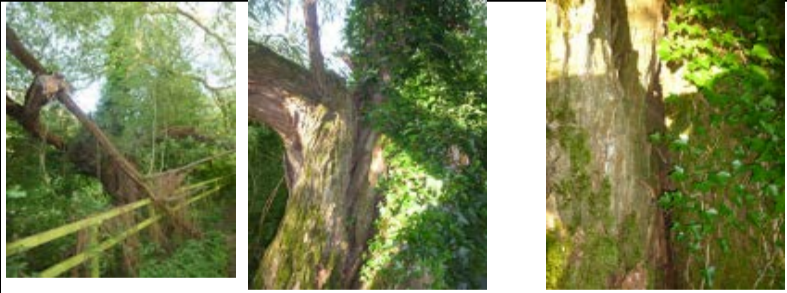
Drawing Scale : 1:2,500






Appendix 2
Results of Tree Climb Surveys



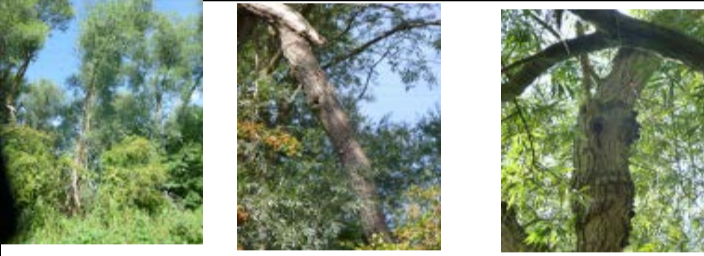



Feature	Name/ Number/Tag	Photo	Current Assessment Status	Further Survey Type Recommended
Tree	4 (nb: tagged as tree 40).		Unconfirmed: Assessed as part of preliminary tree climb survey. Not possible to climb due to safety	3 Emergence Re-entry Surveys
Tree	10	No photo available	Negligible: Assessed as part of tree climb survey, negligible bat potential.	No further survey required.
Tree	13	 	Low: Assessed as part of tree climb survey, low bat potential.	1 Emergence Re-entry Survey AND re-inspect prior to removal
Tree	15	 	Low: Assessed as part of tree climb survey, low bat potential.	1 emergence re-entry Survey AND re-inspect prior to removal
Tree	16	No photo available	Low: Assessed as part of tree climb survey, low bat potential.	1 emergence re-entry Survey AND re-inspect prior to removal
Tree	17	No photo available	Low: Assessed as part of tree climb survey, low bat potential.	1 emergence re-entry Survey AND re-inspect prior to removal
Tree	18	No photo available	Low: Assessed as part of tree climb survey, low bat potential.	1 emergence re-entry survey AND re-inspect prior to removal
Tree	19 (F1)	 	Moderate: Assessed in part, as part of tree climb survey. Not fully inspectable. Moderate bat potential.	2 Emergence Re-entry Surveys
Tree	19 (F2)		Moderate: Assessed as part of tree climb survey, moderate bat potential.	2 Emergence Re-entry Surveys
Tree	20	No photo available	Negligible: Assessed as part of tree climb survey, negligible bat potential.	No further survey required.








Feature	Name/ Number/Tag	Photo	Current Assessment Status	Further Survey Type Recommended
Tree	21, 21F		<p>Unconfirmed: Assessed as part of preliminary tree climb survey. Not possible to climb due to safety</p>	3 Emergence Re-entry Surveys
Tree	22	No photo available	<p>Negligible: Assessed as part of tree climb survey, negligible bat potential.</p>	No further survey required.
Tree	23	No photo available	<p>Low: Assessed as part of tree climb survey, low bat potential.</p>	1 emergence re-entry Survey AND re-inspect prior to removal
Tree	24 -F1 / F2		<p>Low: Assessed as part of tree climb survey, low bat potential. Despite low status however, the cavity extends 120+cm and as such could not be fully viewed with the endoscope hence 2 surveys are required.</p>	2 Emergence Re-entry Surveys
Tree	25	No photo available	<p>Negligible: Assessed as part of tree climb survey, negligible bat</p>	No further survey required.
Tree	26		<p>High or confirmed roost: Assessed as part of preliminary tree climb survey.</p>	3 Emergence Re-entry Surveys

Feature	Name/ Number/Tag	Photo	Current Assessment Status	Further Survey Type Recommended
Tree	27 - F1		<p>Low: Assessed as part of tree climb survey, low bat potential.</p>	<p>1 emergence re-entry survey AND re-inspect prior to removal</p>
Tree	27 - F2		<p>Low: Assessed as part of tree climb survey, low bat potential.</p>	<p>1 emergence re-entry survey AND re-inspect prior to removal</p>
Tree	29		<p>Low: Assessed as part of tree climb survey, low bat potential.</p>	<p>1 emergence re-entry survey AND re-inspect prior to removal</p>
Tree	30	<p>No photo available</p>	<p>Negligible: Assessed as part of tree climb survey, negligible bat potential.</p>	<p>No further survey required.</p>
Tree	32	<p>No photo available</p>	<p>Moderate: Assessed as part of tree climb survey, moderate bat potential.</p>	<p>1 emergence re-entry survey AND re-inspect prior to removal</p>
Tree	38		<p>Low: Assessed as part of tree climb survey, low bat potential.</p>	<p>1 emergence re-entry survey AND re-inspect prior to removal</p>

Feature	Name/ Number/Tag	Photo	Current Assessment Status	Further Survey Type Recommended
Tree	39	No photo available	Low: Assessed as part of tree climb survey, low bat potential.	1 emergence re-entry survey AND re-inspect prior to removal
Tree	42 - F1		Moderate: Assessed as part of tree climb survey, moderate bat potential.	1 emergence re-entry survey AND re-inspect prior to removal
Tree	42 - F2		Moderate: Assessed as part of tree climb survey, moderate bat potential.	1 emergence re-entry survey AND re-inspect prior to removal
Tree	43	No photo available	Low: Assessed as part of tree climb survey, low bat potential.	1 emergence re-entry survey AND re-inspect prior to removal
Tree	44	No photo available	Negligible: Assessed as part of tree climb survey, negligible bat potential.	No further survey required.
Tree	45		Low: Assessed as part of tree climb survey, low bat potential.	1 emergence re-entry survey AND re-inspect prior to removal
Tree	46	No photo available	Negligible: Assessed as part of tree climb survey, negligible bat potential.	No further survey required.
Tree	49	No photo available	Negligible: Assessed as part of tree climb survey, negligible bat potential.	No further survey required.
Tree	51 (F1, F2, F3)		Low: Assessed as part of tree climb survey, low bat potential.	1 emergence re-entry survey AND re-inspect prior to removal
Tree	52	No photo available	Low: Assessed as part of tree climb survey, low bat potential.	1 emergence re-entry survey AND re-inspect prior to removal

Feature	Name/ Number/Tag	Photo	Current Assessment Status	Further Survey Type Recommended
Tree	54	No photo available	Negligible: Assessed as part of tree climb survey, negligible bat potential.	No further survey required.
Tree	56	No photo available	Negligible: Assessed as part of tree climb survey, negligible bat potential.	No further survey required.
Tree	57		Low: Assessed as part of tree climb survey, low bat potential.	1 emergence re-entry survey AND re-inspect prior to removal
Tree	62		Moderate: Assessed as part of tree climb survey, moderate bat potential.	2 Emergence Re-entry Surveys
Tree	63	No photo available	Low: Assessed as part of tree climb survey, low bat potential.	1 emergence re-entry survey AND re-inspect prior to removal
Tree	64 (F1, F2, F3)		Low: Assessed as part of tree climb survey, low bat potential.	1 emergence re-entry survey AND re-inspect prior to removal
Tree	65	No photo available	Low: Assessed as part of tree climb survey, low bat potential.	1 emergence re-entry survey AND re-inspect prior to removal
Tree	68 (F1, F3)		Moderate: Assessed as part of tree climb survey, moderate bat potential.	1 emergence re-entry survey AND re-inspect prior to removal
Tree	68 (F2)		Low: Assessed as part of tree climb survey, low bat potential.	1 emergence re-entry survey AND re-inspect prior to removal
Tree	69	No photo available	Low: Assessed as part of tree climb survey, low bat potential.	1 emergence re-entry survey AND re-inspect prior to removal
Tree	72	No photo available	Negligible: Assessed as part of tree climb survey, negligible bat potential.	No further survey required.

Feature	Name/ Number/Tag	Photo	Current Assessment Status	Further Survey Type Recommended
Tree	73 (F1)		Low: Assessed as part of tree climb survey, low bat potential.	1 emergence re-entry survey AND re-inspect prior to removal
Tree	73 (F2)		Moderate: Assessed as part of tree climb survey, moderate bat potential. Could not be fully inspected hence 2 surveys recommended	2 Emergence Re-entry Surveys
Tree	74	No photo available	Low: Assessed as part of tree climb survey, low bat potential.	1 emergence re-entry survey AND re-inspect prior to removal
Tree	75 (F1, F2, F3)		Unconfirmed: Assessed as part of preliminary tree climb survey. Not possible to climb due to safety	3 Emergence Re-entry Surveys
Tree	78 (F1, F2, F3)		Low: Assessed as part of tree climb survey, low bat potential.	1 emergence re-entry survey AND re-inspect prior to removal
Tree	79	No photo available	Negligible: Assessed as part of tree climb survey, negligible bat potential.	No further survey required.
Tree	81		Moderate: Assessed as part of tree climb survey, moderate bat potential.	2 Emergence Re-entry Surveys
Tree	83	No photo available	Negligible: Assessed as part of tree climb survey, negligible bat potential.	No further survey required.
Tree	84		Unconfirmed: Assessed as part of preliminary tree climb survey. Not possible to climb due to safety	3 Emergence Re-entry Surveys
Tree	87	No photo available	Low: Assessed as part of tree climb survey, low bat potential.	1 emergence re-entry survey AND re-inspect prior to removal
Tree	89	No photo available	Negligible: Assessed as part of tree climb survey, negligible bat potential.	No further survey required.

Feature	Name/ Number/Tag	Photo	Current Assessment Status	Further Survey Type Recommended
Tree	90 (F1)		Moderate: Assessed as part of tree climb survey, moderate bat potential.	1 emergence re-entry survey AND re-inspect prior to removal
Tree	90 (F2)		Unconfirmed: Assessed as part of preliminary tree climb survey. Not possible to climb due to safety	3 Emergence Re-entry Surveys
Tree	92	No photo available	Low: Assessed as part of tree climb survey, low bat potential.	1 emergence re-entry survey AND re-inspect prior to removal
Tree	94 (F1)		High or confirmed roost. Assessed as part of preliminary tree climb survey.	3 Emergence Re-entry Surveys
Tree	94 (F2)		Low: Assessed as part of tree climb survey, low bat potential.	1 emergence re-entry survey AND re-inspect prior to removal
Tree	A		Low: Assessed as part of tree climb survey, low bat potential.	1 emergence re-entry survey AND re-inspect prior to removal
Tree	B		Low: Assessed as part of tree climb survey, low bat potential.	1 emergence re-entry survey AND re-inspect prior to removal
Tree	X		Low: Assessed as part of tree climb survey, low bat potential.	1 emergence re-entry survey AND re-inspect prior to removal

Feature	Name/ Number/Tag	Photo	Current Assessment Status	Further Survey Type Recommended
Tree	Trees not accessible along Railway Corridor	No photo available	Unconfirmed: Trees could not be accessed, so need a Preliminary Tree Inspection	Climbed Inspection
Structure	1 West Way Richer Sounds Building (Map: B)	Photo not available	Moderate: Assessed as part of Preliminary Survey	Emergence Re-entry Survey (2, 2 teams)
Structure	Stone Bridge, North Hinksey Village (Willow Walk) Map: C	Photo not available	Moderate: Assessed as part of Preliminary Survey	Emergence Re-entry Survey (2)
Structure	Old Abingdon Road Bridge (Red Bridge) Map: F	Photo not available	Moderate: Assessed as part of Preliminary Survey	Emergence Re-entry Survey (2)
Structure	Botley Road bridge Map: A	Photo not available	Moderate: Assessed as part of Preliminary Survey	Emergence Re-entry Survey (2)
Structure	Footbridge Devils Backbone Map: E	Photo not available	Moderate: Assessed as part of Preliminary Survey	Emergence Re-entry Survey (2, 2 teams)
Structure	Railway Bridge over water course North of Kennington Junction. Map: J	Photo not available	Moderate: Assessed as part of Preliminary Survey	Emergence Re-entry Survey (2, 2 teams)

Feature	Name/ Number/Tag	Photo	Current Assessment Status	Further Survey Type Recommended
Structure	Redbridge Hollow (Track) Bridge Map: G	Photo not available	Moderate: Assessed as part of Preliminary Survey	Emergence Re-entry Survey (2)
Structure	Southern Bypass Bridge over the rail corridor and Hinksey Stream Map: I	Photo not available	Moderate: Assessed as part of Preliminary Survey	Emergence Re-entry Survey (2, 2 teams)
Structure	Southern Bypass Bridge over Kennington Road Map: H	Photo not available	Negligible: Assessed as part of Preliminary Survey	No further survey required
Structure	Willow Walk flood arches Map: D	Photo not available	Low: Assessed as part of Preliminary Survey	No further survey required

Category as per previous guidelines	Classification		Number of surveys Required	When
3	Negligible	Negligible habitat features in building or structure likely to be used by roosting bats.	0	N/A
2	Low	A structure or building with one or more potential roost sites that could be used by individual bats opportunistically. However, these potential roost sites do not provide enough space, shelter, protection, appropriate conditions and/or suitable surrounding habitat to be used on a regular basis or by larger numbers of bats (i.e. unlikely to be suitable for maternity or hibernation)	1 (trees) No further surveys (structures).	May to August
1	Moderate	A structure with one or more potential roost sites that could be used by bats due to their size, shelter, protection, conditions and surrounding habitat but unlikely to support a roost of high conservation status.	2	May to September with at least one of surveys between May and August
1*	High or Confirmed Roost	A structure with one or more potential roost sites that are obviously suitable for use by larger numbers of bats on a more regular basis and potentially for longer periods of time due to their size, shelter, protection, conditions and surrounding habitat.	3	May to September with at least two of the surveys between May and August





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	24/08/2016
Tree Tag Number:	4	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)					
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions			
								H	W	H	W	D	
F1	4F1	X		X				8	6				U
tree	4												

PRF Location on tree Number as appropriate on sketch	North	South	East	West
				

Evidence of bats staining, scratch marks, droppings etc. (Provide sample number for eDNA & detail any association with a particular PRF)	F1 – woodpecker hole, 7m AGL, south aspect, not possible to inspect, no anchor
--	--

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)	
---	--

Classification of Roost Potential

No Potential		Very Limited Potential (Category 2)
Limited Potential Roost Feature (Category 1)		Good Potential Roost Feature (Category 1*)
Confirmed	X	Unknown

Comments (for example access problems, interaction with 3rd parties etc.)

Tree tagged as 40

Recommendations for further surveys including any restrictions to undertake them

Emergence or re-entry survey in bat active season, 3 surveys, 1 surveyor
Re-inspect prior to removal.





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	24/08/2016
Tree Tag Number:	10	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No <i>(Refer to Ground Inspection No)</i>	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)					
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions			
								H	W	H	W	D	

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
--	--	--	--	---

Evidence of bats staining, scratch marks, droppings etc.
 (Provide sample number for eDNA & detail any association with a particular PRF)

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

<input checked="" type="checkbox"/>	No Potential	Very Limited Potential (Category 2)	
<input type="checkbox"/>	Limited Potential Roost Feature (Category 1)	Good Potential Roost Feature (Category 1*)	
<input type="checkbox"/>	Confirmed		

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

No further surveys required





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	24/08/2016
Tree Tag Number:	13	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)				
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions		
								H	W	H	W	D
F1	13F1		X	X				2.5	4	2.5	4	20
tree	13											

PRF Location on tree Number as appropriate on sketch	North	South	East	West
				

Evidence of bats staining, scratch marks, droppings etc. (Provide sample number for eDNA & detail any association with a particular PRF)	F1 – cavity in trunk, 1.2m AGL, south aspect Number of very low potential features 0.5m -2.0m AGL without any obviously suitable roosting features. May require re-inspection if to be removed.
--	--

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)	
---	--

Classification of Roost Potential

	X	Very Limited Potential (Category 2)
Limited Potential Roost Feature (Category 1)		Good Potential Roost Feature (Category 1*)
Confirmed		

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Re-inspect prior to removal.





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	24/08/2016
Tree Tag Number:	15	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)				
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions		
								H	W	H	W	D
F1	15F1	X		X				40	8	7	15	50
Tree	15											

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
--	--	--	--	---

Evidence of bats staining, scratch marks, droppings etc.
 (Provide sample number for eDNA & detail any association with a particular PRF)

F1 – cavity in trunk, 2.2m AGL in east aspect

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

No Potential	X	Very Limited Potential (Category 2)	
Limited Potential Roost Feature (Category 1)		Good Potential Roost Feature (Category 1*)	
Confirmed			

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Re-inspect prior to removal





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	24/08/2016
Tree Tag Number:	16	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)					
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions			
								H	W	H	W	D	

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
--	--	--	--	---

Evidence of bats staining, scratch marks, droppings etc. (Provide sample number for eDNA & detail any association with a particular PRF)

Number of very low potential features 0.5m – 2.5m AGL, cavities dusty. May require re-inspection if to be removed.

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

No Potential	X	Very Limited Potential (Category 2)	
Limited Potential Roost Feature (Category 1)		Good Potential Roost Feature (Category 1*)	
Confirmed			

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Re-inspect prior to removal.





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	24/08/2016
Tree Tag Number:	17	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)					
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions			
								H	W	H	W	D	

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
--	--	--	--	---

Evidence of bats staining, scratch marks, droppings etc. (Provide sample number for eDNA & detail any association with a particular PRF)	Number of very low potential features 0.5m -2.5m AGL. May require re-inspection if to be removed.
--	---

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)	(Empty space for notes)
---	-------------------------

Classification of Roost Potential

No Potential	X	Very Limited Potential (Category 2)	
Limited Potential Roost Feature (Category 1)		Good Potential Roost Feature (Category 1*)	
Confirmed			

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Re-inspect prior to removal.





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	24/08/2016
Tree Tag Number:	18	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No <i>(Refer to Ground Inspection No)</i>	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)					
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions			
								H	W	H	W	D	

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
--	--	--	--	---

Evidence of bats staining, scratch marks, droppings etc. (Provide sample number for eDNA & detail any association with a particular PRF)	Number of features with negligible potential but may require re-inspection if to be removed. Features in 0-2m AGL.
--	--

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)	(Empty space for notes)
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Classification of Roost Potential

No Potential	<input checked="" type="checkbox"/>	Very Limited Potential (Category 2)	
Limited Potential Roost Feature (Category 1)	<input type="checkbox"/>	Good Potential Roost Feature (Category 1*)	
Confirmed	<input type="checkbox"/>		

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Re-inspect prior to removal.





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	Seacourt P&R		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	23/08/2016
Tree Tag Number:	19	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No <i>(Refer to Ground Inspection No)</i>	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)				
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions		
								H	W	H	W	D
F1	19F1		X	X				7	10	7	10	100+
F2	19F2	X		X				6	7	6	7	75
tree	19											

PRF Location on tree Number as appropriate on sketch	North	South	East	West
				

Evidence of bats staining, scratch marks, droppings etc.
(Provide sample number for eDNA & detail any association with a particular PRF)

F1 – cavity in split, 2.3m AGL, west aspect
F2 – cavity extending through the tree trunk with two entrances, 2.6m AGL, west aspect

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

	No Potential	Very Limited Potential (Category 2) – all features	
X	Limited Potential Roost Feature (Category 1) - both	Good Potential Roost Feature (Category 1*)	
	Confirmed		

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

F1 – not fully inspectable, 2 surveys in bat active season, 1 surveyor
F2 – reinspect prior to removal





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	07/09/2016
Tree Tag Number:	20	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)					
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions			
								H	W	H	W	D	

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
--	--	--	--	---

Evidence of bats staining, scratch marks, droppings etc.
 (Provide sample number for eDNA & detail any association with a particular PRF)

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

<input checked="" type="checkbox"/>	No Potential	Very Limited Potential (Category 2)	
<input type="checkbox"/>	Limited Potential Roost Feature (Category 1)	Good Potential Roost Feature (Category 1*)	
<input type="checkbox"/>	Confirmed		

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Negligible features, no further survey necessary





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	Hogacre Ditch		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	07/09/2016
Tree Tag Number:	21	Tree Species:	Fraxinus

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)				
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions		
								H	W	H	W	D
F1	21F1							U	U	U	U	U
tree	21											

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
--	--	--	--	---

Evidence of bats staining, scratch marks, droppings etc.
 (Provide sample number for eDNA & detail any association with a particular PRF)

Hollow limb, 6m AGL, east aspect, feature not accessible due to lack of anchor in vicinity, unknown potential emergence surveys needed.
 Other features subjected aerial inspection and found negligible.

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

No Potential		Very Limited Potential (Category 2)
Limited Potential Roost Feature (Category 1) (F1)		Good Potential Roost Feature (Category 1*)
Confirmed	X	Unknown

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Potential roosting feature, 3 emergence or re-entry surveys in bat active season, 1 surveyor





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	07/09/2016
Tree Tag Number:	22	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No <i>(Refer to Ground Inspection No)</i>	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)					
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions			
								H	W	H	W	D	

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
--	--	--	--	---

Evidence of bats staining, scratch marks, droppings etc.
 (Provide sample number for eDNA & detail any association with a particular PRF)

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

<input checked="" type="checkbox"/>	No Potential	Very Limited Potential (Category 2)	
<input type="checkbox"/>	Limited Potential Roost Feature (Category 1)	Good Potential Roost Feature (Category 1*)	
<input type="checkbox"/>	Confirmed		

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Negligible features, no further survey necessary





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	24/08/2016
Tree Tag Number:	23	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)					
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions			
								H	W	H	W	D	

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
--	--	--	--	---

Evidence of bats staining, scratch marks, droppings etc. (Provide sample number for eDNA & detail any association with a particular PRF)

Number of features with negligible potential but may require re-inspection if to be removed. Features in 0-2.5m AGL.

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

No Potential	<input checked="" type="checkbox"/>	Very Limited Potential (Category 2)	
Limited Potential Roost Feature (Category 1)	<input type="checkbox"/>	Good Potential Roost Feature (Category 1*)	
Confirmed	<input type="checkbox"/>		

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Re-inspect prior to removal.





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	24/08/2016
Tree Tag Number:	24	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)				
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions		
								H	W	H	W	D
F1	24F1		X	X				8	8	8	8	120+
F2	24F2	X		X				25	30	9	9	70
tree	24											

PRF Location on tree Number as appropriate on sketch	North	South	East	West
				

Evidence of bats staining, scratch marks, droppings etc.
(Provide sample number for eDNA & detail any association with a particular PRF)

F1 – cavity in trunk, 2m AGL, west aspect
 F2 – split in branch, 2.4m AGL, north aspect
 Number of very low potential features 0.5m – 3.2m AGL, cavities dusty. May require re-inspection if to be removed.

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

No Potential	X	Very Limited Potential (Category 2)	
Limited Potential Roost Feature (Category 1)		Good Potential Roost Feature (Category 1*)	
Confirmed			

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Re-inspect prior to removal.
 F2 cannot be fully viewed, 2x emergence survey in bat active season, 1 surveyor





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	07/09/2016
Tree Tag Number:	25	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No <i>(Refer to Ground Inspection No)</i>	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)					
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions			
								H	W	H	W	D	

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
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Evidence of bats staining, scratch marks, droppings etc.
 (Provide sample number for eDNA & detail any association with a particular PRF)

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

<input checked="" type="checkbox"/>	No Potential	Very Limited Potential (Category 2)	
<input type="checkbox"/>	Limited Potential Roost Feature (Category 1)	Good Potential Roost Feature (Category 1*)	
<input type="checkbox"/>	Confirmed		

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Negligible features, no further survey necessary





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	07/09/2016
Tree Tag Number:	26	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No <i>(Refer to Ground Inspection No)</i>	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)					
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions			
								H	W	H	W	D	
F1	26F1	X		X				200	4				U
tree	26												

PRF Location on tree Number as appropriate on sketch	North	South	East	West
				

Evidence of bats staining, scratch marks, droppings etc. (Provide sample number for eDNA & detail any association with a particular PRF)	Extensive area of flaking bark, 7-14m AGL, not possible to access on dead wood on the top of the tree. Extent of roosting feature unknown.
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Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)	(This area is currently blank)
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Classification of Roost Potential

No Potential	Very Limited Potential (Category 2)	
Limited Potential Roost Feature (Category 1)	Good Potential Roost Feature (Category 1*)	
Confirmed	X	Unknown

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Potential roosting feature, 3 emergence or re-entry surveys in bat active season, 2 surveyors





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	Seacourt P&R		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:	SP 49162 06583	Date of Survey:	23/08/2016
Tree Tag Number:	27? (no tag attached)	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No <i>(Refer to Ground Inspection No)</i>	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)				
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions		
								H	W	H	W	D
F1	27F1	X		X				50	11	30	8	40
F2	27F2		X	X				12	12	12	10	25
tree	27											

PRF Location on tree Number as appropriate on sketch	North	South	East	West
				

Evidence of bats staining, scratch marks, droppings etc. (Provide sample number for eDNA & detail any association with a particular PRF)	F1 – slit in trunk, 1.5m AGL, west aspect F2 – cavity, 1.7m AGL, east aspect
--	---

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)	
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Classification of Roost Potential

No Potential	<input checked="" type="checkbox"/>	Very Limited Potential (Category 2) – both features	
Limited Potential Roost Feature (Category 1) (F1)	<input type="checkbox"/>	Good Potential Roost Feature (Category 1*)	<input type="checkbox"/>
Confirmed	<input type="checkbox"/>		<input type="checkbox"/>

Comments (for example access problems, interaction with 3rd parties etc.)

Tree leaning over river, difficult access

Recommendations for further surveys including any restrictions to undertake them

Re-inspect both feature prior to removal





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	24/08/2016
Tree Tag Number:	29	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)				
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions		
								H	W	H	W	D
F1	29F1	X		X				5	50	5	7	15
Tree	29											

PRF Location on tree Number as appropriate on sketch	North	South	East	West
				

Evidence of bats staining, scratch marks, droppings etc.
(Provide sample number for eDNA & detail any association with a particular PRF)

F1 – delamination, 4m AGL in east aspect, cavity extends 15cm

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

No Potential	X	Very Limited Potential (Category 2)	
Limited Potential Roost Feature (Category 1)		Good Potential Roost Feature (Category 1*)	
Confirmed			

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Re-inspect prior to removal





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	07/09/2016
Tree Tag Number:	30	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)					
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions			
								H	W	H	W	D	

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
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Evidence of bats staining, scratch marks, droppings etc.
 (Provide sample number for eDNA & detail any association with a particular PRF)

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

<input checked="" type="checkbox"/>	No Potential	Very Limited Potential (Category 2)	
<input type="checkbox"/>	Limited Potential Roost Feature (Category 1)	Good Potential Roost Feature (Category 1*)	
<input type="checkbox"/>	Confirmed		

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Negligible features, no further survey necessary





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	24/08/2016
Tree Tag Number:	32	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No <i>(Refer to Ground Inspection No)</i>	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)					
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions			
								H	W	H	W	D	

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
--	--	--	--	---

Evidence of bats staining, scratch marks, droppings etc. (Provide sample number for eDNA & detail any association with a particular PRF)	Number of very low potential features 0 – 2.5m AGL. May require re-inspection if to be removed.
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Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)	(Empty space for notes)
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Classification of Roost Potential

No Potential		Very Limited Potential (Category 2)
Limited Potential Roost Feature (Category 1)	X	Good Potential Roost Feature (Category 1*) – F1
Confirmed		

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Re-inspect prior to removal. Emergence survey optional.





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:	SP 49385 05674	Date of Survey:	24/08/2016
Tree Tag Number:	38	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No <i>(Refer to Ground Inspection No)</i>	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)				
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions		
								H	W	H	W	D
F1	38F1							N/A	N/A	N/A	N/A	N/A
tree	38											

PRF Location on tree Number as appropriate on sketch	North	South	East	West
				

Evidence of bats staining, scratch marks, droppings etc.
(Provide sample number for eDNA & detail any association with a particular PRF)

Thick stemmed ivy 1.0 – 2.2m AGL, central position
Number of very low potential features 0-1.5m AGL. May require re-inspection if to be removed.

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

No Potential	<input checked="" type="checkbox"/>	Very Limited Potential (Category 2)	
Limited Potential Roost Feature (Category 1)	<input type="checkbox"/>	Good Potential Roost Feature (Category 1*)	
Confirmed	<input type="checkbox"/>		

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Re-inspect prior to removal.





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	24/08/2016
Tree Tag Number:	39	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)					
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions			
								H	W	H	W	D	

PRF Location on tree Number as appropriate on sketch	North	South	East	West
				

Evidence of bats staining, scratch marks, droppings etc.
(Provide sample number for eDNA & detail any association with a particular PRF)

Number of very low potential features. May require re-inspection if to be removed.

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

<input type="checkbox"/> No Potential	<input checked="" type="checkbox"/>	Very Limited Potential (Category 2)
Limited Potential Roost Feature (Category 1)		Good Potential Roost Feature (Category 1*)
Confirmed		

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Re-inspect prior to removal.





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	24/08/2016
Tree Tag Number:	42	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No <i>(Refer to Ground Inspection No)</i>	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)				
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions		
								H	W	H	W	D
F1	42F1	X			X			7	12	7	10	40
F2	42F2	X		X				2.5	20	2	20	15
tree	42											

PRF Location on tree Number as appropriate on sketch	North	South	East	West
				

Evidence of bats staining, scratch marks, droppings etc. (Provide sample number for eDNA & detail any association with a particular PRF)	F1 – cavity in main trunk, 1.7m AGL, north aspect F2 – flaking bark, 1m AGL, south aspect Woodpecker holes negligible
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Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)	
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Classification of Roost Potential

	No Potential	Very Limited Potential (Category 2)	
X	Limited Potential Roost Feature (Category 1) – both	Good Potential Roost Feature (Category 1*)	
	Confirmed		

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Re-inspect prior to removal.





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	24/08/2016
Tree Tag Number:	43	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No <i>(Refer to Ground Inspection No)</i>	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)					
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions			
								H	W	H	W	D	

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
--	--	--	--	---

Evidence of bats staining, scratch marks, droppings etc. (Provide sample number for eDNA & detail any association with a particular PRF)	Number of very low potential features 0.5m -2.0m AGL. May require re-inspection if to be removed.
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Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)	(Empty space for notes)
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Classification of Roost Potential

No Potential	<input checked="" type="checkbox"/>	Very Limited Potential (Category 2)	
Limited Potential Roost Feature (Category 1)	<input type="checkbox"/>	Good Potential Roost Feature (Category 1*)	
Confirmed	<input type="checkbox"/>		

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Re-inspect prior to removal.





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	07/09/2016
Tree Tag Number:	44	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No <i>(Refer to Ground Inspection No)</i>	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)					
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions			
								H	W	H	W	D	

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
--	--	--	--	---

Evidence of bats staining, scratch marks, droppings etc.
 (Provide sample number for eDNA & detail any association with a particular PRF)

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

<input checked="" type="checkbox"/>	No Potential	Very Limited Potential (Category 2)	
<input type="checkbox"/>	Limited Potential Roost Feature (Category 1)	Good Potential Roost Feature (Category 1*)	
<input type="checkbox"/>	Confirmed		

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Negligible features, no further survey necessary





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	24/08/2016
Tree Tag Number:	45	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)				
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions		
								H	W	H	W	D
F1	45F1	X		X				4	4	4	4	30
tree	45											

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
--	--	--	--	---

Evidence of bats staining, scratch marks, droppings etc. (Provide sample number for eDNA & detail any association with a particular PRF)

F1 – cavity, 1.6m AGL, north aspect
 Number of very low potential features 0.5m – 2m AGL. May require re-inspection if to be removed.

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

No Potential	X	Very Limited Potential (Category 2)
Limited Potential Roost Feature (Category 1)		Good Potential Roost Feature (Category 1*)
Confirmed		

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Re-inspect prior to removal.





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	Seacourt P&R		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	23/08/2016
Tree Tag Number:	46	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)				
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions		
								H	W	H	W	D

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
--	--	--	--	---

Evidence of bats staining, scratch marks, droppings etc.
 (Provide sample number for eDNA & detail any association with a particular PRF)

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

<input checked="" type="checkbox"/>	No Potential		Very Limited Potential (Category 2) – all features
	Limited Potential Roost Feature (Category 1)		Good Potential Roost Feature (Category 1*)
	Confirmed		

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

No further surveys required.





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	07/09/2016
Tree Tag Number:	49	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)					
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions			
								H	W	H	W	D	

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
--	--	--	--	---

Evidence of bats staining, scratch marks, droppings etc.
 (Provide sample number for eDNA & detail any association with a particular PRF)

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

<input checked="" type="checkbox"/>	No Potential	Very Limited Potential (Category 2)	
<input type="checkbox"/>	Limited Potential Roost Feature (Category 1)	Good Potential Roost Feature (Category 1*)	
<input type="checkbox"/>	Confirmed		

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Negligible features, no further survey necessary





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	Seacourt P&R		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	23/08/2016
Tree Tag Number:	51	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)				
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions		
								H	W	H	W	D
F1	51F1	X		X				50	20	20	20	15
F2	51F2		X	X				7	20	7	20	30
F3	51F3	X		X				5	10	5	10	20
tree	51											

PRF Location on tree Number as appropriate on sketch	North	South	East	West
				

Evidence of bats staining, scratch marks, droppings etc. (Provide sample number for eDNA & detail any association with a particular PRF)	F1 – cavity, 1m AGL, west aspect F2 – cavity, 1.3m AGL, west aspect F3 – cavity, 2.5m south aspect
--	--

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)	
---	--

Classification of Roost Potential

No Potential	X	Very Limited Potential (Category 2) – all features	
Limited Potential Roost Feature (Category 1)		Good Potential Roost Feature (Category 1*)	
Confirmed			

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Re-inspect prior to removal – all features





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	24/08/2016
Tree Tag Number:	52	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)					
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions			
								H	W	H	W	D	

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
--	--	--	--	---

Evidence of bats staining, scratch marks, droppings etc. (Provide sample number for eDNA & detail any association with a particular PRF)	Number of very low potential features 0.5m -2.0m AGL without any obviously suitable roosting features. May require re-inspection if to be removed.
--	--

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)	(Empty space for notes)
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Classification of Roost Potential

No Potential	<input checked="" type="checkbox"/>	Very Limited Potential (Category 2)	
Limited Potential Roost Feature (Category 1)	<input type="checkbox"/>	Good Potential Roost Feature (Category 1*)	
Confirmed	<input type="checkbox"/>		

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Re-inspect prior to removal.





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	07/09/2016
Tree Tag Number:	54	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)					
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions			
								H	W	H	W	D	

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
--	--	--	--	---

Evidence of bats staining, scratch marks, droppings etc.
 (Provide sample number for eDNA & detail any association with a particular PRF)

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

<input checked="" type="checkbox"/>	No Potential	Very Limited Potential (Category 2)	
<input type="checkbox"/>	Limited Potential Roost Feature (Category 1)	Good Potential Roost Feature (Category 1*)	
<input type="checkbox"/>	Confirmed		

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Negligible features, no further survey necessary





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	07/09/2016
Tree Tag Number:	56	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)					
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions			
								H	W	H	W	D	

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
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Evidence of bats staining, scratch marks, droppings etc.
 (Provide sample number for eDNA & detail any association with a particular PRF)

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

<input checked="" type="checkbox"/>	No Potential	Very Limited Potential (Category 2)	
<input type="checkbox"/>	Limited Potential Roost Feature (Category 1)	Good Potential Roost Feature (Category 1*)	
<input type="checkbox"/>	Confirmed		

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Negligible features, no further survey necessary





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	24/08/2016
Tree Tag Number:	57	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No <i>(Refer to Ground Inspection No)</i>	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)				
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions		
								H	W	H	W	D
F1	57F1	X		X				2	50	2	5	40
tree	57											

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
--	--	--	--	---

Evidence of bats staining, scratch marks, droppings etc. (Provide sample number for eDNA & detail any association with a particular PRF)	F1 – cavity in trunk, 1.2m AGL, south aspect Number of very low potential features 0.5m -2.5m AGL without any obviously suitable roosting features. May require re-inspection if to be removed.
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Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)	(This area is currently blank)
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Classification of Roost Potential

	No Potential	X	Very Limited Potential (Category 2)
	Limited Potential Roost Feature (Category 1)		Good Potential Roost Feature (Category 1*)
	Confirmed		

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Re-inspect prior to removal.





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	07/09/2016
Tree Tag Number:	62	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No <i>(Refer to Ground Inspection No)</i>	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)				
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions		
								H	W	H	W	D
F1	62F1	X		X				N/A	N/A	N/A	N/A	N/A
tree	62											

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
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Evidence of bats staining, scratch marks, droppings etc.
 (Provide sample number for eDNA & detail any association with a particular PRF)

Thick stemmed ivy located centrally on the trunk, 1.5m-15m AGL

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

	No Potential	Very Limited Potential (Category 2)
X	Limited Potential Roost Feature (Category 1)	Good Potential Roost Feature (Category 1*)
	Confirmed	

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Potential roosting feature, 2 emergence or re-entry surveys in bat active season, 2 surveyors





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	24/08/2016
Tree Tag Number:	63	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)					
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions			
								H	W	H	W	D	

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
--	--	--	--	---

Evidence of bats staining, scratch marks, droppings etc.
 (Provide sample number for eDNA & detail any association with a particular PRF)

Number of features with negligible potential but may require re-inspection if to be removed. Features in 0-2m AGL.

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

No Potential	X	Very Limited Potential (Category 2)	
Limited Potential Roost Feature (Category 1)		Good Potential Roost Feature (Category 1*)	
Confirmed			

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Re-inspect prior to removal.





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	24/08/2016
Tree Tag Number:	64	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No <i>(Refer to Ground Inspection No)</i>	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)				
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions		
								H	W	H	W	D
F1	64F1		X	X				60	2.5	30	2.5	30
F2	64F2	X		X				40	9	7	3	20
F3	64F3	X		X				7	7	4	4	30
tree	64											

PRF Location on tree Number as appropriate on sketch	North	South	East	West
				

Evidence of bats staining, scratch marks, droppings etc. (Provide sample number for eDNA & detail any association with a particular PRF)	F1 - crack in trunk, 1.6m AGL, south aspect F2 – cavity, 1.4m AGL, south aspect F3 – cavity, 1.8m AGL, south aspect Number of very low potential features 1.0m -2.5m AGL. May require re-inspection if to be removed.
--	--

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)	
---	--

Classification of Roost Potential

	No Potential	X	Very Limited Potential (Category 2) – all features	
	Limited Potential Roost Feature (Category 1)		Good Potential Roost Feature (Category 1*)	
	Confirmed			

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Re-inspect prior to removal.





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	24/08/2016
Tree Tag Number:	65	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)					
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions			
								H	W	H	W	D	

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
--	--	--	--	---

Evidence of bats staining, scratch marks, droppings etc. (Provide sample number for eDNA & detail any association with a particular PRF)

Number of features with negligible potential but may require re-inspection if to be removed. Features in 0-2.5m AGL.

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

No Potential	<input checked="" type="checkbox"/>	Very Limited Potential (Category 2)	
Limited Potential Roost Feature (Category 1)	<input type="checkbox"/>	Good Potential Roost Feature (Category 1*)	
Confirmed	<input type="checkbox"/>		

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Re-inspect prior to removal.





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	Abingdon Road		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	25/08/2016
Tree Tag Number:	68	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No <i>(Refer to Ground Inspection No)</i>	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)				
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions		
								H	W	H	W	D
F1	68F1		X	X				6	6	6	6	35
F2	68F2		X		X			5	5	5	5	25
F3	68F3	X		X				9	2.5	9	2.5	20
tree	68											

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
--	--	--	--	---

Evidence of bats staining, scratch marks, droppings etc. (Provide sample number for eDNA & detail any association with a particular PRF)	F1 – cavity in main trunk, 1.3m AGL, east aspect F2 – cavity in trunk, 2.1m AGL, west aspect F3 – cavity in trunk, 2m AGL, east aspect
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Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)	Grass snake female, W of tree 68 by water
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Classification of Roost Potential

	No Potential	<input checked="" type="checkbox"/>	Very Limited Potential (Category 2) – F2
<input checked="" type="checkbox"/>	Limited Potential Roost Feature (Category 1) F1, F3	<input type="checkbox"/>	Good Potential Roost Feature (Category 1*)
	Confirmed	<input type="checkbox"/>	

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Re-inspect prior to removal.





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	24/08/2016
Tree Tag Number:	69	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)					
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions			
								H	W	H	W	D	

PRF Location on tree Number as appropriate on sketch	North	South	East	West
				

Evidence of bats staining, scratch marks, droppings etc. (Provide sample number for eDNA & detail any association with a particular PRF)	Number of features with negligible potential but may require re-inspection if to be removed. Features in 0-3m AGL.
--	--

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)	
---	--

Classification of Roost Potential

No Potential	<input checked="" type="checkbox"/>	Very Limited Potential (Category 2)	
Limited Potential Roost Feature (Category 1)	<input type="checkbox"/>	Good Potential Roost Feature (Category 1*)	
Confirmed	<input type="checkbox"/>		

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Re-inspect prior to removal.





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	07/09/2016
Tree Tag Number:	72	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)					
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions			
								H	W	H	W	D	

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
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Evidence of bats staining, scratch marks, droppings etc.
 (Provide sample number for eDNA & detail any association with a particular PRF)

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

<input checked="" type="checkbox"/>	No Potential	Very Limited Potential (Category 2)	
<input type="checkbox"/>	Limited Potential Roost Feature (Category 1)	Good Potential Roost Feature (Category 1*)	
<input type="checkbox"/>	Confirmed		

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Negligible features, no further survey necessary





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	Seacourt P&R		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	23/08/2016
Tree Tag Number:	73	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)				
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions		
								H	W	H	W	D
F1	73F1		X	X				100	8	15	8	35
F2	73F2	X		X				10	30	10	20	100+
tree	73											

PRF Location on tree Number as appropriate on sketch	North	South	East	West
				

Evidence of bats staining, scratch marks, droppings etc.
(Provide sample number for eDNA & detail any association with a particular PRF)

F1 – split in trunk, 1.0-1.8m AGL, west aspect
F2 – cavity, 2m AGL, west aspect

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

	No Potential	X	Very Limited Potential (Category 2) – (F1)	
X	Limited Potential Roost Feature (Category 1) (F2)		Good Potential Roost Feature (Category 1*)	
	Confirmed			

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Re-inspect prior to removal – F1
F2 is not fully inspectable – 2 emergence or re-entry surveys in bat active season, 1 surveyor





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	24/08/2016
Tree Tag Number:	74	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No <i>(Refer to Ground Inspection No)</i>	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)					
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions			
								H	W	H	W	D	

PRF Location on tree Number as appropriate on sketch	North	South	East	West
				

Evidence of bats staining, scratch marks, droppings etc. (Provide sample number for eDNA & detail any association with a particular PRF)	Number of very low potential features 0.5m -2.5m AGL. May require re-inspection if to be removed.
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Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)	
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Classification of Roost Potential

No Potential	X	Very Limited Potential (Category 2)	
Limited Potential Roost Feature (Category 1)		Good Potential Roost Feature (Category 1*)	
Confirmed			

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Re-inspect prior to removal.





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	24/08/2016
Tree Tag Number:	75	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)				
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions		
								H	W	H	W	D
F1 & F2	75F1F							U	U	U	U	U
F3	75F3							U	U	U	U	U
tree	75											

PRF Location on tree Number as appropriate on sketch	North	South	East	West
				

Evidence of bats staining, scratch marks, droppings etc. (Provide sample number for eDNA & detail any association with a particular PRF)	F1 & F2 – woodpecker holes in snapped off branch, not accessible, no anchor, 8m AGL, south aspect F3 – twin oval hole, not accessible, no anchor, 8m AGL, west aspect
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Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)	
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Classification of Roost Potential

<input type="checkbox"/> No Potential	<input type="checkbox"/> Very Limited Potential (Category 2)	
<input type="checkbox"/> Limited Potential Roost Feature (Category 1)	<input type="checkbox"/> Good Potential Roost Feature (Category 1*)	
<input type="checkbox"/> Confirmed	<input checked="" type="checkbox"/> Unknown	

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Emergence or re-entry survey in bat active season, 3 surveys, 1 surveyor





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	24/08/2016
Tree Tag Number:	78	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)				
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions		
								H	W	H	W	D
F1	78F1	X		X				40	4	12	4	25
F2	78F2		X	X				25	4	20	4	30
F3	78F3		X	X				6	4	6	4	35
tree	78											

PRF Location on tree Number as appropriate on sketch	North	South	East	West
				

Evidence of bats staining, scratch marks, droppings etc. (Provide sample number for eDNA & detail any association with a particular PRF)	F1 – open slit behind bark, 1.4m AGL, east aspect F2 – open slit behind bark, 1.2m AGL, south aspect F3 – hole, 1.7m AGL, south aspect
--	--

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)	
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Classification of Roost Potential

No Potential	X	Very Limited Potential (Category 2) – all features	
Limited Potential Roost Feature (Category 1)		Good Potential Roost Feature (Category 1*)	
Confirmed			

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Re-inspect prior to removal.





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	Seacourt P&R		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	23/08/2016
Tree Tag Number:	79	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)				
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions		
								H	W	H	W	D

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
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Evidence of bats staining, scratch marks, droppings etc.
 (Provide sample number for eDNA & detail any association with a particular PRF)

Several negligible features

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

<input checked="" type="checkbox"/>	No Potential	Very Limited Potential (Category 2) – all features	
	Limited Potential Roost Feature (Category 1)	Good Potential Roost Feature (Category 1*)	
	Confirmed		

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

No further surveys required.





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	Abingdon Road		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	25/08/2016
Tree Tag Number:	81	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)					
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions			
								H	W	H	W	D	
tree	81												

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
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Evidence of bats staining, scratch marks, droppings etc. (Provide sample number for eDNA & detail any association with a particular PRF)	Thick stemmed ivy 3-12m AGL, central position
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Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)	(Empty space for notes)
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Classification of Roost Potential

	No Potential	Very Limited Potential (Category 2)
X	Limited Potential Roost Feature (Category 1)	Good Potential Roost Feature (Category 1*)
	Confirmed	

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

2 emergence or re-entry surveys in bat active season, 2 surveyors





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	23/08/2016
Tree Tag Number:	83	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)					
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions			
								H	W	H	W	D	

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
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Evidence of bats staining, scratch marks, droppings etc.
 (Provide sample number for eDNA & detail any association with a particular PRF)

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

<input checked="" type="checkbox"/>	No Potential	Very Limited Potential (Category 2)	
<input type="checkbox"/>	Limited Potential Roost Feature (Category 1) (F1)	Good Potential Roost Feature (Category 1*)	
<input type="checkbox"/>	Confirmed		

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

No further surveys required





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	24/08/2016
Tree Tag Number:	84	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No <i>(Refer to Ground Inspection No)</i>	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)				
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions		
								H	W	H	W	D
F1	84F1	X		X				20	8	U	U	U
tree	84											

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
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Evidence of bats staining, scratch marks, droppings etc.
 (Provide sample number for eDNA & detail any association with a particular PRF)

F1 – woodpecker hole, 7m AGL, east aspect, branch affected by fungus, no other anchor, not safe to climb

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

<input type="checkbox"/> No Potential	<input type="checkbox"/> Very Limited Potential (Category 2)	
<input type="checkbox"/> Limited Potential Roost Feature (Category 1)	<input type="checkbox"/> Good Potential Roost Feature (Category 1*)	
<input type="checkbox"/> Confirmed	<input checked="" type="checkbox"/> Unknown	

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Emergence or re-entry surveys in bat active season, 3 surveys, 1 surveyor





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	24/08/2016
Tree Tag Number:	87	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)					
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions			
								H	W	H	W	D	

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
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Evidence of bats staining, scratch marks, droppings etc. (Provide sample number for eDNA & detail any association with a particular PRF)

Number of very low potential features 0.5m – 3m AGL, cavities dusty. May require re-inspection if to be removed.

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

No Potential	X	Very Limited Potential (Category 2)	
Limited Potential Roost Feature (Category 1)		Good Potential Roost Feature (Category 1*)	
Confirmed			

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Re-inspect prior to removal.





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	Abingdon Road		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	25/08/2016
Tree Tag Number:	89	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)					
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions			
								H	W	H	W	D	

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
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Evidence of bats staining, scratch marks, droppings etc. (Provide sample number for eDNA & detail any association with a particular PRF)	Tree with tag 89 not found, all willows in the area were inspected: all negligible potential features
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Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)	(Empty space for notes)
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Classification of Roost Potential

<input checked="" type="checkbox"/>	No Potential	Very Limited Potential (Category 2)	
<input type="checkbox"/>	Limited Potential Roost Feature	Good Potential Roost Feature (Category 1*)	
<input type="checkbox"/>	Confirmed		

Comments (for example access problems, interaction with 3rd parties etc.)
(Empty space for comments)

Recommendations for further surveys including any restrictions to undertake them
No further surveys are required.





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	07/09/2016
Tree Tag Number:	90	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)				
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions		
								H	W	H	W	D
F1	90F1	X		X				10	12	8	8	50
F2	90F2							U	U			U
tree	90											

PRF Location on tree Number as appropriate on sketch	North	South	East	West
				

Evidence of bats staining, scratch marks, droppings etc. (Provide sample number for eDNA & detail any association with a particular PRF)	F1 – hollow limb, 2.3m AGL, south-east aspect F2 – hollow snag, 10m AGL, south aspect, feature not accessible and therefore emergence surveys needed
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Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)	
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Classification of Roost Potential

	No Potential	Very Limited Potential (Category 2)	
X	Limited Potential Roost Feature (Category 1) (F1)	Good Potential Roost Feature (Category 1*)	
	Confirmed	X	Unknown (F2)

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

F1 – re-inspect before removal
F2 - potential roosting feature, 2 emergence or re-entry surveys in bat active season, 1 surveyor





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	24/08/2016
Tree Tag Number:	92	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No <i>(Refer to Ground Inspection No)</i>	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)					
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions			
								H	W	H	W	D	

PRF Location on tree Number as appropriate on sketch	North	South	East	West
				

Evidence of bats staining, scratch marks, droppings etc. (Provide sample number for eDNA & detail any association with a particular PRF)	Number of features with negligible potential but may require re-inspection if to be removed. Features in 0-2.5m AGL.
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Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)	
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Classification of Roost Potential

No Potential	<input checked="" type="checkbox"/>	Very Limited Potential (Category 2)	
Limited Potential Roost Feature (Category 1)	<input type="checkbox"/>	Good Potential Roost Feature (Category 1*)	
Confirmed	<input type="checkbox"/>		

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Re-inspect prior to removal.





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	Abingdon Road		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	25/08/2016
Tree Tag Number:	94	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)				
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions		
								H	W	H	W	D
F1	94F1	X		X				8	12	8	20	80
F2	94F2							N/A	N/A	N/A	N/A	N/A
tree	94											

PRF Location on tree Number as appropriate on sketch	North	South	East	West
				

Evidence of bats staining, scratch marks, droppings etc. (Provide sample number for eDNA & detail any association with a particular PRF)	<p>F1 – cavity in main trunk, 1.2m AGL, central – medium species bat dropping inside, not possible to extract</p> <p>F2 – thick stemmed ivy 3-10m AGL</p>
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Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)	
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Classification of Roost Potential

	No Potential	X	Very Limited Potential (Category 2) – F2	
	Limited Potential Roost Feature		Good Potential Roost Feature (Category 1*)	
X	Confirmed – F1			

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

3 emergence or re-entry surveys in bat active season, 1 surveyor





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	Seacourt P&R		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	23/08/2016
Tree Tag Number:	A	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No (Refer to Ground Inspection No)	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)				
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions		
								H	W	H	W	D
F1	AF1	X		X				12	8	12	8	40
tree	A											

PRF Location on tree Number as appropriate on sketch	North 	South 	East 	West 
--	--	--	--	---

Evidence of bats staining, scratch marks, droppings etc.
 (Provide sample number for eDNA & detail any association with a particular PRF)

Cavity in split, 4.5m AGL, north aspect, cavity extends 40cm down

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

No Potential	X	Very Limited Potential (Category 2)	
Limited Potential Roost Feature (Category 1) (F1)		Good Potential Roost Feature (Category 1*)	
Confirmed			

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Re-inspect feature prior to removal





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	Seacourt P&R		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:		Date of Survey:	23/08/2016
Tree Tag Number:	B	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No <i>(Refer to Ground Inspection No)</i>	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)				
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions		
								H	W	H	W	D
F1	BF1	X		X				50	11	20	8	5
tree	B											

PRF Location on tree Number as appropriate on sketch	North	South	East	West
				

Evidence of bats staining, scratch marks, droppings etc. (Provide sample number for eDNA & detail any association with a particular PRF)	Loose flaking bark, 1.5m AGL, south aspect
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Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)	
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Classification of Roost Potential

No Potential	<input checked="" type="checkbox"/>	Very Limited Potential (Category 2)	
Limited Potential Roost Feature (Category 1) (F1)	<input type="checkbox"/>	Good Potential Roost Feature (Category 1*)	<input type="checkbox"/>
Confirmed	<input type="checkbox"/>		<input type="checkbox"/>

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Re-inspect feature prior to removal





Bat Roost Assessment Survey Form

Climbed Inspection

Project Name:	Oxford FAS		
Project Number:	661656		
Description of Location:	North Hinksey Lane		
Surveyor(s):	GB, TMR	Surveyor License Number:	2015-12872-CLS-CLS
Ordnance Survey Grid Ref:	SP 49418 05641	Date of Survey:	24/08/2016
Tree Tag Number:	Tree with no tag	Tree Species:	Salix

Tree Details (Climbed Inspection Survey)

PRF No <i>(Refer to Ground Inspection No)</i>	Photo No	Condition of Potential Roost Feature (PRF)						Approximate size/shape of PRF (cm)				
		Clean	Dusty/Debris	Dry	Damp	Wet	Flooded	Entrance		Internal Dimensions		
								H	W	H	W	D
F1	XF1							30	4	15	4	25
tree	X											

PRF Location on tree Number as appropriate on sketch	North	South	East	West
				

Evidence of bats staining, scratch marks, droppings etc.
(Provide sample number for eDNA & detail any association with a particular PRF)

F1 – cavity in trunk, 2m AGL, south aspect
Number of very low potential features 0.5m -1.8m AGL. May require re-inspection if to be removed.

Evidence of other species (dormice, small mammals, squirrels, pinemarten, birds or bees)

Classification of Roost Potential

No Potential	X	Very Limited Potential (Category 2)	
Limited Potential Roost Feature (Category 1)		Good Potential Roost Feature (Category 1*)	
Confirmed			

Comments (for example access problems, interaction with 3rd parties etc.)

Recommendations for further surveys including any restrictions to undertake them

Re-inspect prior to removal.

