A47 North Tuddenham to Easton Dualling

Scheme Number: TR010038

Volume 6
6.3 Environmental Statement Appendices
Appendix 7.6 - Arboricultural Impact Assessment

APFP Regulation 5(2)(a)

Planning Act 2008

Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

March 2021

Infrastructure Planning

Planning Act 2008

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

The A47 North Tuddenham to Easton Development Consent Order 202[x]

ENVIRONMENTAL STATEMENT APPENDICES
Appendix 7.6 - Arboricultural Impact Assessment

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Report

Arboricultural Impact Assessment
A47 – North Tuddenham to Easton

Date: January 2021

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Appendices

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Where field investigations have been carried out, these have been restricted to a level of detail required to achieve the stated objectives of the work.

This work has been undertaken in accordance with the quality management system of RSK ADAS Ltd.

Version History

Version	Date	Amendment
A	January 2021	Draft report
B	January 2021	First Issue

1 Executive summary

ADAS has been commissioned to assess the impact of design proposals for the A47 North Tuddenham to Easton (Proposed Scheme), which includes a redesign of the road layout, new fencing and drainage proposals. For the purpose of this report, reference to 'the site' means land encompassed by the red site boundary line shown on the Site Location plan contained in **Appendix 1**.

The preliminary survey was carried out by ADAS between 15 June and 24 July 2020, in line with the requirements of 'BS5837:2012 Trees in Relation to Design, Demolition and Construction: Recommendations' (BS5837:2012).

The tree survey identified a total of 955 tree features including 605 individual trees, 246 groups of trees and 104 hedgerows which have the potential to be impacted by the proposals.

In line with the recommendations contained within Table 1 of BS5837:2012, 48 tree features were awarded a high quality A grade, including 44 individual trees and four hedgerows. 213 tree features were awarded a moderate quality B grade, including 149 individual trees, 62 groups of trees and two hedgerows. 631 tree features were awarded a low quality C grade, including 361 individual trees, 168 groups of trees and 102 hedgerows.

63 tree features were categorised as very low quality U grade trees which should be removed in the interest of sound arboricultural management.

The locations of the trees and their categories are shown on the Arboricultural Impact Assessment Plan (AIAP) contained in **Appendix 2**.

Based on the current proposals, 256 individual trees, 66 groups of trees and 27 hedgerows will require complete removal in order to facilitate the proposed scheme. In addition, 63 tree groups and 42 hedgerows will require partial removal. Some special construction techniques are required to ensure other trees can be retained during the course of the works.

2 Introduction

2.1 The Author

This document has been prepared by Catherine Stent, an ADAS Senior Arboricultural Consultant. Catherine has a BSc (Hons) in Arboriculture and Urban Forestry and holds professional membership of the Arboricultural Association. Catherine has 15 years of experience within the arboricultural industry

2.2 Purpose of Report

The purpose of this document is to provide an evaluation of the effects of the Proposed Scheme on the existing trees on and adjacent to the site. Where necessary it will also provide recommendations to mitigate the loss or negative impact on the vegetation that the proposals may cause.

2.3 Tree survey methodology

An initial tree survey, to establish the tree constraints on the site, was carried out by ADAS arboricultural consultants between 15 June and 24 July 2020. The results of the survey are contained in **Appendix 3**.

The information shown in **Table 1** below, was recorded as part of the tree survey.

Table 1: Tree survey schedule heading descriptions

Column heading	Description
Tree Reference Number	All individual trees and groups of trees have been given a unique reference number. ▪ T = Individual Tree ▪ G = Group of trees ▪ H = Hedgerow
Species	The English common name has been used (scientific names included in brackets for some tree features).
Height (m)	Where possible tree heights are measured using a laser. In some instances, such as in close groups of trees, one height may be measured and other nearby trees estimated from this height. Measurements are provided in metres.
Stem diameter (mm)	S_n represents the stem number. Measurements are provided in millimetres at 1.5m above ground level for single stemmed trees.
Branch spread (m)	Measured in metres to the four cardinal compass points (N, E, S, W).
Crown clearance	(1) Height in metres of the first significant branch, and the direction of growth. (2) Height in metres of lowest part of crown.
Life stage	The stage at which the tree is within its lifecycle (Y = young, SM = semi-mature, EM = early-mature, M = mature, OM = over mature, V = veteran)
General observations	Any relevant observations are recorded, with particular reference to structural and/or physiological condition.
Preliminary management recommendations	Recommendations are made where management work is required for reasons of health and safety or sound arboricultural management.

Column heading	Description
Estimated remaining contribution (years)	An estimation of how long the feature will contribute to its surroundings. This is recorded in bands of either <10 years, 10+ years, 20+ years and 40+ years.
Tree quality grading	The trees are graded to the categories prescribed within BS5837:2012 (U, A, B & C). Details of this grading system can be found in **Appendix 4.**
Root protection area (RPA)	Calculated as prescribed in section 4.6 of BS5837:2012, provided as an area (m^2) and a radius from the tree's stem (m). Further guidance on RPAs is provided in **Appendix 5**.

2.4 Assumptions and limitations

The AIA contained in **Appendix 2** has been developed from the tree survey information and the latest proposed layout provided by Sweco.

This report is not a full hazard or risk assessment of trees, and should not be used as such.

Trees are living organisms and are constantly adapting to their ever changing environment. No tree is completely safe and there is no guarantee that problems or deficiencies may not arise in the future, which have not been identified in this report. Therefore this report is only valid for a period of 1 year from the date of the initial site inspection.

2.5 Legislation

2.5.1 Tree preservation orders and conservation areas

Local planning authorities (LPAs) have the power to preserve selected trees and woodlands through the making of tree preservation orders (TPO). Similarly, special provision is provided to trees located within conservation areas (CA) which are not the subject of a TPO. The LPAs powers to do this are provided by the following Act of Parliament and its associated regulations:

- Town and Country Planning Act 1990
- Town and Country Planning (Determination of Appeals by Appointed Persons) (Prescribed Classes) (Amendment) (England) Regulations 2008
- Town and Country Planning (Trees) (Amendment) (England) Regulations 2012

The principal effect of a TPO is to prohibit the cutting down, uprooting, topping, lopping, wilful damage or wilful destruction of trees without first obtaining the consent of the relevant Local Authority.

Where works to trees within a CA are proposed, six weeks notification must first be given to the relevant Local Authority.

Unauthorised works to trees either protected by a TPO or those that are located within a CA, could result in an unlimited fine.

The works are within the planning responsibility of three different local authorities, Breckland District Council, Broadlands District Council and South Norfolk District Council. Enquiries into the TPO and CA protection status of trees throughout the works were carried out using information available online and by email request to the Councils. These enquiries have confirmed that none of the trees are within a CA. However, trees in two areas of the site are protected by TPOs. The first of these, South Norfolk TPO reference: SN017, protects trees on Dereham Road, Easton which correspond to ADAS trees T7-T12 and Groups G11-G18. These trees are currently unaffected by the proposals. The second, Breckland TPO reference: 1984 No. 7, protects five individual trees within Poppy's Wood, Main Road, North Tuddenham, these trees correspond to some of ADAS trees T294-T303 and groups G191 and G193-G195, which are currently unaffected by the proposals. However, if the design changes in a way which affects these trees, it will be necessary to contact Breckland District Council to attend site and confirm which trees are protected. Copies of the results from the searches are provided in **Appendix 6.**

2.5.2 Wildlife legislation

European protected species such as bats, dormice and great crested newts are protected under the Wildlife and Countryside Act 1981 (as amended) and the Conservation of Habitats and Species Regulations 2017. Other species that may be affected by tree works include breeding birds and reptiles which are protected under the Wildlife and Countryside Act 1981 (as amended). The design process should ensure protected species are considered during any redevelopment work. Tree work and the timing of tree work should be carefully considered.

2.6 Site description

The Proposed Scheme includes a redesign of the road layout including new fencing and drainage proposals. The A47 from North Tuddenham to Easton is located to the west of Norwich and forms part of the main arterial highway route connecting Norwich and Great Yarmouth to Leicester and the Midlands via King's Lynn. The section being redesigned is a single carriageway road which provides a connection for people, places and businesses, and enables access to employment, healthcare, education and other community assets. Residential properties, local businesses, community facilities and development are all present nearby. Walking, cycling and horse riding facilities are also located in the wider vicinity.

The affected area is predominantly arable land enclosed by winding lanes and hedgerows, with pockets of ancient woodland and remnant heath cut through by pastoral river valleys. The broadly flat, rural landscape is an ancient countryside. The eastern scheme extents are more gently undulating relative to the broadly flat landscape of the western extents.

The western part of the study area lies within the Breckland District Council's landscape character assessment. The eastern extents of the study area coincide with the coverage of Broadland District and South Norfolk Council landscape assessments.

3 Arboricultural impact assessment

3.1 Overview

The tree stock has been assessed under the following categories

- Trees proposed for removal. This includes trees:
    - that are under the footprint of the proposed development
    - whose RPAs are heavily affected by the development
    - that are to be removed for reasons of sound arboricultural management.
- Retained trees that are at risk of damage through disturbance of RPAs or require extra protection due to their proximity to proposed work areas
- Retained trees which are unaffected by the development proposals

A full list of the impact to each tree feature surveyed is provided in **Appendix 7**.

3.2 Tree removal

In order to facilitate the construction of the Proposed Scheme design, 256 individual trees, 66 groups of trees and 27 hedgerows will require complete removal in order to facilitate the proposed scheme (see Table 2). In addition, 63 tree groups and 42 hedgerows will require partial removal (see Table 3). A separate landscaping plan will be submitted specifying replacement planting which will seek to mitigate these losses and ultimately enhance the biodiversity of the area.

Table 2: Tree features requiring complete removal

Tree type	Tree Quality Assessment Category Grading				Totals
	A	B	C	U	
Individual trees	T23, T109, T158, T214, T219, T346, T347, T348, T349, T350, T351, T365	52 total (see Appendix 8)	169 total (see Appendix 7)	T24, T26, T100, T160, T161, T162, T163, T164, T165, T166, T167, T189, T222, T233, T239, T258, T376, T400, T412, T470, T541, T596, T605	**256**
Groups of trees	G89	G40, G130, G157, G164, G207, G216, G236, G237, G242, G243, G304, G319, G340	43 total (see Appendix 7)	G109, G143, G151, G221, G222, G223, G240, G241, G271	**66**
Hedgerows	None	H44	26 total (see Appendix 7)	None	**27**
	Total = 13	**Total = 66**	**Total = 238**	**Total = 29**	**349**

Table 3: Tree features requiring partial removal

Tree type	Tree Quality Assessment Category Grading				Totals
	A	B	C	U	
Groups of trees	G80 G245	G61, G70, G71, G83, G101, G106, G110, G115, G149, G152, G225, G232, G267, G268, G293, G297, G299, G300, G301, G303, G305, G317, G324, G345	37 total (see Appendix 7)	None	**63**
Hedgerows	None	H57	41 total (see Appendix 7)	None	**42**
	Total = 2	**Total = 25**	**Total = 78**	**Total = 0**	**105**

3.3 Compounds and Material Storage Areas within RPAs

A site compound will be constructed within the RPA of A grade trees T281, T342, T344; B grade trees T543, T591, T592, T593, T599, T600, T588, T590, T597, T602; and C grade trees T341, T343, G344, T340, T587, T589, T594, T595, T598, T601. Where possible, the compounds and storage areas should be positioned outside the RPA of these trees. If this is not possible, in order to maintain a growing environment which is able to support the long term growth of the retained trees, where new temporary hard-surfacing is proposed within RPAs, certain precautions must be followed.

Of key importance is the need to avoid severing roots and also to avoid compacting the soil to such a degree that the tree roots are no longer able to penetrate the soil and that air and moisture are no longer able to enter and move through the soil. In addition, it is important that the new hard surface does not block the movement of air and moisture into and out of the soil.

The new hard surfaces will therefore be built on top of existing ground levels and their construction should be engineer designed. Providing surface water is not liable to be contaminated by salt or toxic run-off from oil or petrol, a permeable surface and sub-base will be employed. In order to avoid compaction of the existing soil it may be necessary to incorporate a load suspension system such as a 3D cellular confinement system, an example of which is included in **Appendix 8**.

The Site Supervisor shall ensure the prepared surface meets the necessary strength requirements prior to installation.

The Site Supervisor shall provide the setting out of any edging requirements.

The soil surface will not be skimmed to establish new hard surfaces at the former ground level, as this has the potential to cause root damage. Therefore, loose organic matter and/or turf will be removed carefully using either hand tools or pedestrian operated machinery (such as a turf stripper), and the new surface established above the former ground level, using a granular fill where required.

If ground levels are to be raised within the RPA such as to accommodate dips and level changes in the existing ground levels, or to create the sub-base for the hard-surface, this should be achieved by the use of a granular material which does not inhibit vertical gaseous diffusion. Examples of suitable granular materials include, no-fines gravel, washed aggregate, or cobbles.

Excess water in the RPA should be avoided, particularly on clay soils where water logging can occur. In these cases, the hard surface should slope away from the tree to avoid ponding.

The excavation needed for the placement of kerbs, edgings and their associated foundations and haunching can damage tree roots. This should be avoided within the RPA, either by the use of alternative methods of edge support. Suitable edge supports may consist of but are not limited to:

- Peg and board edging
- Sleepers pinned to the ground
- Gabions
- Other proprietary structures

Consideration will be given to the placing of drainage gullies and these will be located outside of the RPAs of the retained trees.

3.4 Level Changes within RPAs

Level changes are shown within the RPA of A grade tree T50, and B grade tree T49. Where possible these level changes should be adjusted to avoid the RPA of these trees. If this is not possible the following precautions will be followed:

- Ground level decreases will not take place within the RPA of retained trees.
- Level increases up to 200mm depth will have negligible impact on the health of retained trees.
- Should level increases greater than 200mm be required, these will be achieved through the layering of a cellular confinement system filled with no-fines gravel, washed aggregate, or cobbles and topped with a permeable surface.

3.5 Fence lines constructed within RPA of retained trees

New permanent fencing is proposed within the RPA of retained trees shown in **Table 4** below. There is potential for causing damage to the roots of these trees during installation of fencing and supporting posts. In order to avoid damage to the roots, or crowns, of these trees it is important that the installation is carefully planned.

Where possible, the fence line should be adjusted to avoid the RPA of retained trees. Where this is not possible, the following recommendations must be followed:

- Supporting posts will be designed to require minimal excavations.
- Any posts to be positioned below ground will be kept as small as possible and will be positioned to avoid significant roots.
- Where possible hand-dug trial excavations will be carried out in the locations of the proposed posts. These excavations will be to a depth of 500mm or to the proposed depth of the post and footing if this is shallower.
- If concrete or any other phyto-toxic material is to be used for the foundations a sheath / protective barrier will be used to prevent leaching into the soil.
- Any machinery used, including piling rigs, will be as small as possible and will work from existing hard surfacing or suitable ground protection as specified in **Section 3.3** above. Where the work is below the crowns of retained trees, consideration will also be given to required working space for any machine.
- The excavations should be undertaken under the supervision of the retained Arboricultural Consultant. If significant roots are exposed the position of the post should be altered to avoid these roots.

Table 4: Retained trees with new proposed fence lines within RPA

Tree type	Tree Quality Assessment Category Grading				Totals
	A	B	C	U	
Individual trees	None	T22, T141, T205, T207, T209, T320, T574, T602	T120, T208, T321, T322, T403, T413, T422, T449, T466, T411, T423, T460, T511, T512	None	**22**
Groups of trees	G80 G245	G8, G61, G71, G110, G115,G225, G232, G267, G268, G297, G299, G300, G301	G19, G35, G36, G37, G64, G72, G84, G96, G102, G104, G105, G107, G113, G122, G129, G214, G246, G253, G256, G265, G270, G275, G288, G296, G331	None	**40**

Tree type	Tree Quality Assessment Category Grading				Totals
	A	B	C	U	
Hedgerows	None	H57	H20, H23, H56, H78, H79, H93, H97, H114, H117, H126, H127, H148, H150, H158, H167, H171, H174, H176, H179, H185, H189, H218, H226, H244, H250, H252, H259, H260, H261, H272, H274, H280, H281, H350	None	**35**
	Total = 2	**Total = 22**	**Total = 73**	**Total = 0**	**97**

3.6 Utility connections

ADAS have been made aware of proposals for underground services, and these have been duly considered within the arboricultural impact assessment and associated recommendations.

Underground services will be located within the RPA of retained trees shown in **Table 5** below.

Table 5: Retained trees with new proposed underground services within RPA

Service type	Tree Quality Assessment Category Grading				Totals
	A	B	C	U	
BT	T50 G80	T22, T49, T51, T150, T339, T291, T282, T283, T288, T604 G83, G225, G232	T52, T64, T67, T287, T309 G108, G159, G160, G246, G315, G349 H20, H56, H81, H158, H189, H226, H228, H229, H264, H329	None	**72**
Water	None	T21, T49, T170, T171, T207, T209 G1, G10 G112, G232 H57	T7, T8, T9, T128, T129, T169, T208, T224, T309, T311 T340, T389, T390 G17, G113, G145, G159, G160, G257 H3, H23, H27, H56, H114 H158, H218 H230	None	**76**

Service type	Tree Quality Assessment Category Grading				Totals
	A	B	C	U	
Low voltage electricity cables	None	T289, T291	T290 H188	None	**4**
High voltage electricity cables	G286	T602 T603 T604 G74	G37, G72, G113, G339, G349 H56, H285, H350	None	**13**

Where possible the works will be carried out using trenchless techniques such as moling, laser guided boring and in accordance with advice contained within National Joint Utilities Group (NJUG) document Volume 4 Issue 2.

Machinery must not be used to excavate utility trenches within the RPA of retained trees. Where trenchless techniques cannot be used, excavations must be hand-dug and supervised by the retained Arboricultural Consultant.

Any hand digging within the RPA of retained trees must be undertaken with great care requiring closer supervision than normal operations to protect the epidermis of structural roots (roots greater than 25mm diameter). These roots must not be severed at any time without first consulting the retained Arboricultural Consultant.

3.7 Facilitation pruning

It is not anticipated that any facilitation pruning will be required.

4 Tree Protection Recommendations

4.1 Ground protection

Where access will be required for machinery or pedestrians within the RPAs of any retained trees, ground protection will be installed.

This ground protection will be required to avoid direct damage to the roots of the trees as well as preventing compaction of the soil. In accordance with section 6.2.3 of BS5837:2012 this ground protection will need to be fit for the purpose of supporting any traffic entering the RPA without causing compaction of the soil below.

For pedestrian traffic, a single layer of scaffold or 19mm ply boards laid on top of driven scaffold framework or laid onto a compressible layer of sharp sand or woodchip on a geotextile membrane should be adequate.

In those instances where access is required within the RPAs of retained trees for plant and machinery, the level of ground protection will need to be increased to proprietary inter-locking boards on a compressible layer, or a cellular confinement system (an example is provided in **Appendix 8**) capable of withstanding the expected weight loads.

4.2 Tree protection fencing

Tree protection fencing should be installed around the perimeter of the RPAs or tree canopy extents, whichever is greater, of all retained individual and groups of trees.

In line with Section 6.2.2 of BS 5837:2012, which requires that the tree protection barriers be fit for the purpose of excluding construction activity and that they provide adequate protection to the trees and hedges, it is proposed that they will consist of 2m tall welded mesh panels supported by upright poles driven into the ground. Each panel will be secured to its neighbour with a minimum of two anti-tamper couplers secured so that they can only be undone from inside the construction exclusion zone (CEZ). The panels will be further supported by stabilizer struts which will be pinned to the ground. Examples of suitable fencing configurations are included in **Appendix 9**. Inside the CEZ the following prohibitions will be complied with:

- No excavations, including by hand
- No storage of machinery
- No storage or handling of building materials, fuel, chemicals or spoil
- No fires
- No vehicular access

- No pedestrian access
- No alteration, increase or decrease, to existing ground levels
- No excavation or installation of services

4.3 Arboricultural monitoring

An Arboricultural Consultant should be appointed to monitor the tree protection measures on site. The purpose of this is to ensure the protection measures remain in situ and continue to provide sufficient protection to the trees.

This role will initially entail the Arboricultural Consultant liaising with the build contractor to ensure the recommended protection measures are correctly installed. Once the tree protection measures have been installed, and construction activity commences, the Arboricultural Consultant should monitor any works taking place within the RPAs of retained trees.

A formal record of these supervisory visits should be recorded and kept on file; a copy should also be circulated to all relevant parties.

5 Conclusions

The tree survey undertaken by ADAS between 15 June and 24 July 2020, identified a total of 955 tree features including 605 individual trees, 246 groups of trees, and 104 hedgerows which have the potential to be impacted by the proposals.

In line with the recommendations contained within Table 1 of BS5837:2012, of these tree features, 44 individual trees and four hedgerow were awarded a high quality A grade. 213 tree features were awarded a moderate quality B grade, including 149 individual trees, 62 groups of trees and two hedgerows. 631 tree features were awarded a low quality C grade, including 361 individual trees, 168 groups of trees and 102 hedgerows. 63 tree features were awarded a U grade, meaning they are unsuitable for long term retention.

Based on the current proposals, 256 individual trees, 66 groups of trees and 27 hedgerows will require complete removal in order to facilitate the proposed scheme. In addition, 63 tree groups and 42 hedgerows will require partial removal. Some special construction techniques are required to ensure other trees can be retained during the course of the works.

ADAS believes that, if the recommended tree protection measures are correctly installed and maintained, the trees identified for retention will not be at risk of damage. The proposed landscaping scheme includes specifications for replacement planting which will mitigate the proposed tree removals and ultimately enhance the biodiversity of the area.

Appendix 1: Proposed Site Layout

See following page.

To Dereham

To Norwich

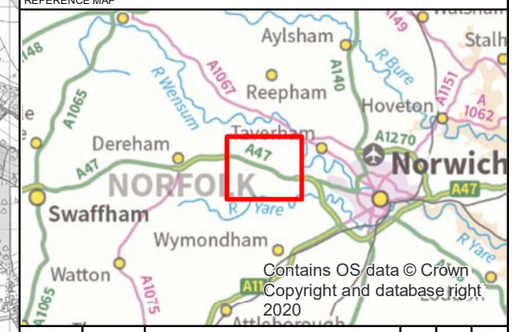
N

LEGEND

Proposed scheme layout

DCO boundary

REFERENCE MAP



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REV	DATE	REVISION NOTE	ORG	CHK'D	APP'D
P01	20/01/2021	First Edition	AC	EC	EC

DESIGNER

SWECO

CONTRACTOR

GallifordTry

CLIENT

highways england

PROJECT TITLE

A47 NORTH TUDDENHAM TO EASTON

PROJECT STAGE

PCF STAGE 3

DRAWING TITLE

FIGURE 1.1: SITE LOCATION

SUITABILITY

FOR INFORMATION

SHEET SIZE	SCALE	STATUS
A3	1:27,500	S2

DRAWING NUMBER

HE551489-GTY-EGN-000-DR-LX-30009

0 250 500 750 1,000 Metres

Appendix 2: Arboricultural Impact Assessment Plan

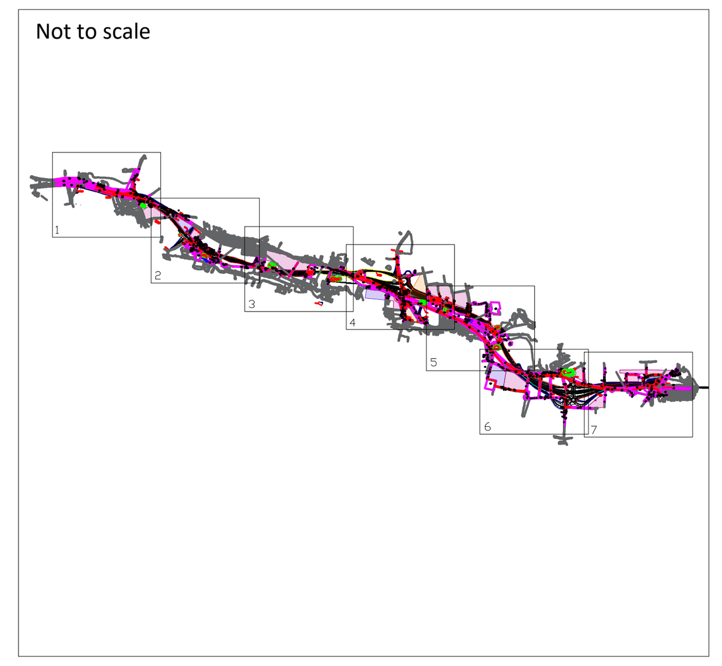
See following page.

LEGEND

- Category A — Individual trees of high quality with an estimated remaining life expectancy of at least 40 years
- Category A — Groups/hedges/woodlands of high quality with an estimated remaining life expectancy of at least 40 years
- Category B — Individual trees of moderate quality with an estimated remaining life expectancy of at least 20 years
- Category B — Groups/hedges/woodlands of moderate quality with an estimated remaining life expectancy of at least 20 years
- Category C — Individual trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm
- Category C — Trees/hedges of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm
- Category U — Individual trees in such a condition that they cannot realistically be retained as living trees in the context of current land use for longer than 10 years
- Category U — Trees/hedges in such a condition that they cannot realistically be retained as living trees in the context of current land use for longer than 10 years
- Recommended 'Root Protection Area' (RPA) of trees/hedges considered desirable for retention calculated using the method set out in section 4.6 of BS5837:2012
- T# — Tree number
- Individual trees to be removed
- Groups or hedgerows to be removed

SHEET LOCATION PLAN

Not to scale



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SWECO

Project:
A47 Tuddenham

Drawing Title:
Arboricultural Impact Assessment Plan 1/7

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Scale: 1:2000 @ A1

Drawn by: CS — Date: 20/01/2021

Checked by: RT — Date: 21/01/2021

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LEGEND

- Category A — Individual trees of high quality with an estimated remaining life expectancy of at least 40 years
- Category A — Groups/hedges/woodlands of high quality with an estimated remaining life expectancy of at least 40 years
- Category B — Individual trees of moderate quality with an estimated remaining life expectancy of at least 20 years
- Category B — Groups/hedges/woodlands of moderate quality with an estimated remaining life expectancy of at least 20 years
- Category C — Individual trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm
- Category C — Trees/hedges of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm
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- Individual trees to be removed
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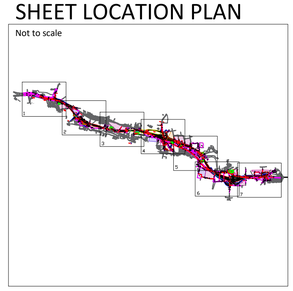
SHEET LOCATION PLAN

Not to scale



Rev.	Issue Details.	Date.
First Issue	-	January 2021

Client:
SWECO

Project:
A47 Tuddenham

Drawing Title:
Arboricultural Impact Assessment Plan 2/7

Drawing No: ADAS_1050831_SWECO_Tuddenham_AIAP

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Drawn by: CS Date: 20/01/2021

Checked by: RT Date: 21/01/2021

ADAS, 11d Park House, Milton Park,
Milton, Abingdon, Oxford, OX14 4RS

Tel: 01235 355630

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LEGEND

- Category A — Individual trees of high quality with an estimated remaining life expectancy of at least 40 years
- Category A — Groups/hedges/woodlands of high quality with an estimated remaining life expectancy of at least 40 years
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- Recommended 'Root Protection Area' (RPA) of trees/hedges considered desirable for retention calculated using the method set out in section 4.6 of BS5837:2012
- T# — Tree number
- Individual trees to be removed
- Groups or hedgerows to be removed

SHEET LOCATION PLAN

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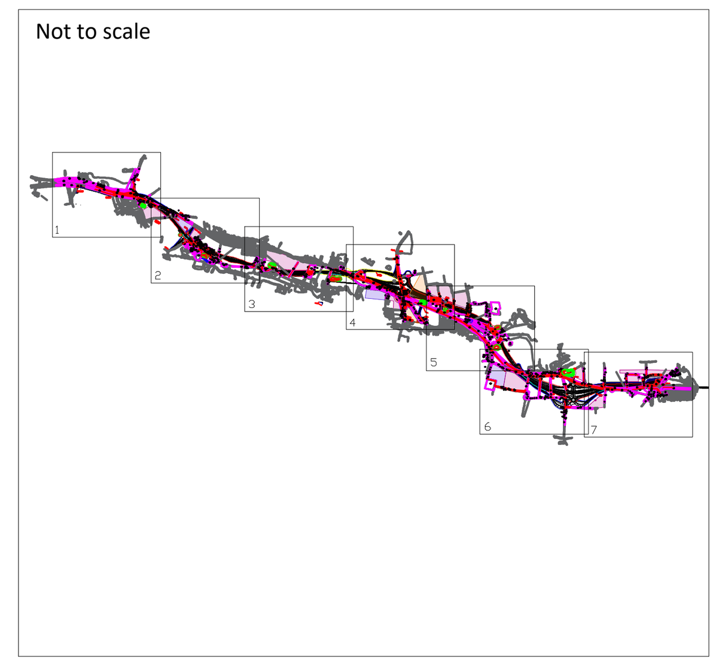

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SWECO

Project:
A47 Tuddenham

Drawing Title:
Arboricultural Impact Assessment Plan 3/7

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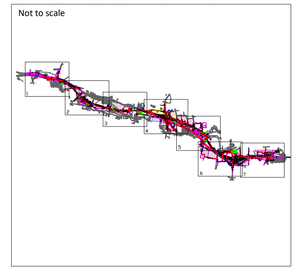

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First Issue	-	January 2021

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SWECO

Project:
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Drawing Title:
Arboricultural Impact Assessment Plan 4/7

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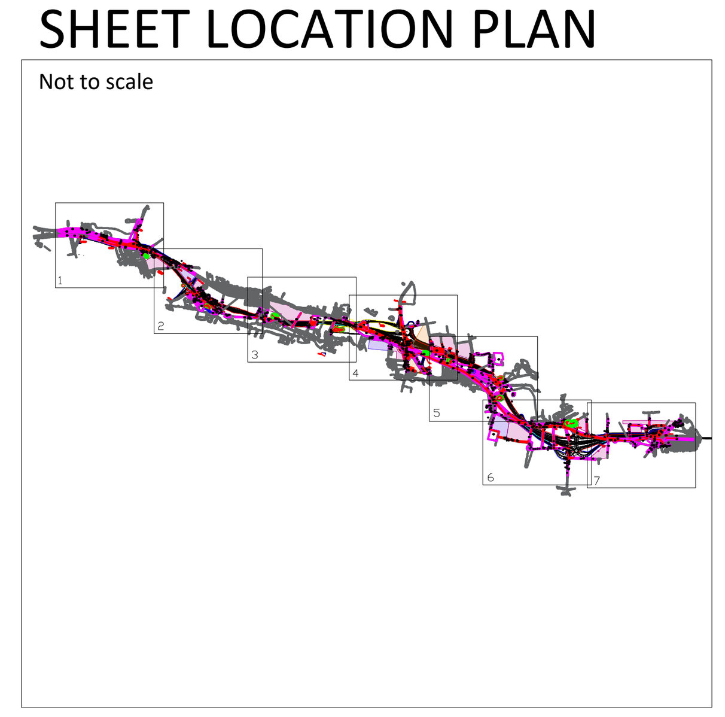

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Client:

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Project:

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Drawing Title:

Arboricultural Impact Assessment Plan 5/7

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Checked by: RT   Date: 21/01/2021

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Milton, Abingdon, Oxford, OX14 4RS

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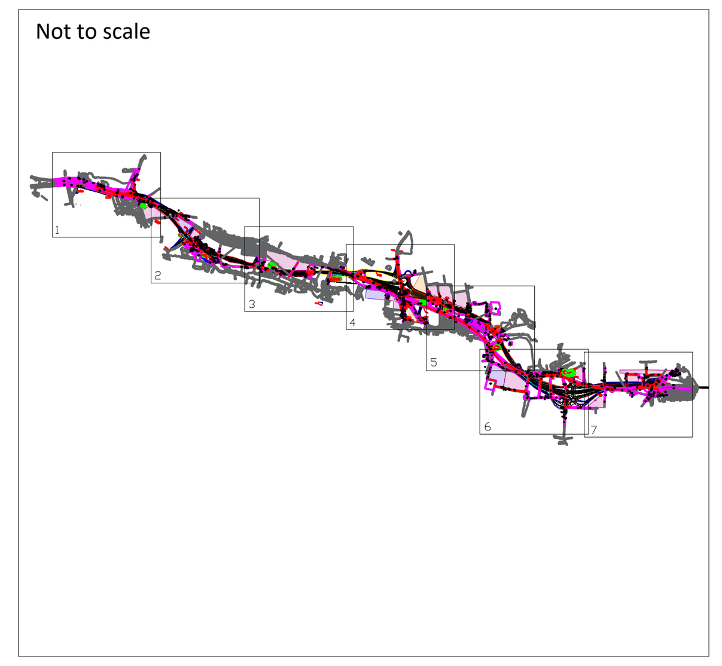

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SWECO

Project:

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Arboricultural Impact Assessment Plan 6/7

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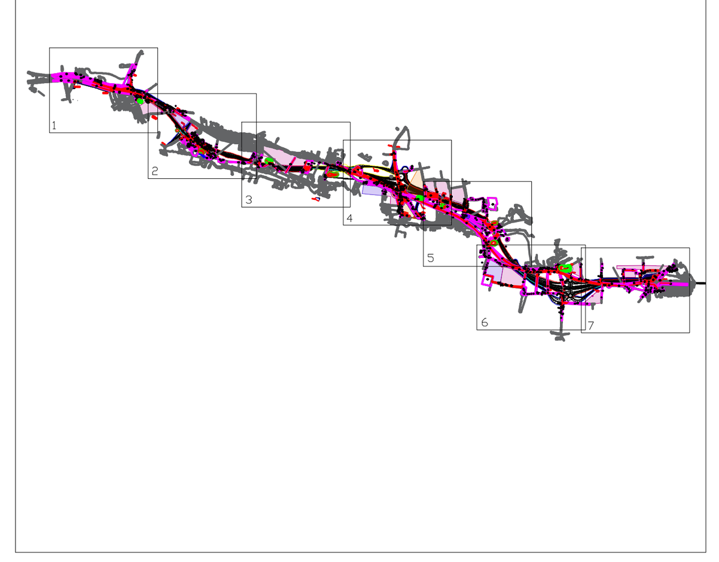

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Appendix 3: Tree Survey Schedule

See following page.

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T1	Pedunculate/common oak (Quercus robur)	S	15	110										6.5	7	3.5	5.5	4.5-W	4.5	M	Growing within group. Significant dead Ivy.	None	40+	B1	5.5	1.3
T2	Other Cedar (Cedrus spp)	M(a)	14	340	300	280								4	4	4	4	0-N	0	EM	Multi-stemmed from 0.5m. Evenly distributed crown.	None.	20+	B2	128.5	6.4
T3	Holly species (Ilex spp)	M(b)	15	280	260	260	240	200	200	200	190	190		5	5	5.5	5	0-N	0	M	Crown from ground level. Unmanaged.	None.	10+	C2	205.1	8.1
T4	Horse chestnut (Aesculus hippocastanum)	S	12	350										4	3	3.5	2	0-N	0	SM	Decay pocket 2.5m to ground level on western aspect.	Remove tree	<10	U	55.4	4.2
T5	Pedunculate/common oak (Quercus robur)	S	16	790										6.5	6.5	6.5	6.5	1.5-N	1	M	Large diameter deadwood present. Multi-stemmed from 1.5m.	None	20+	B2	282.4	9.5
T6	Cedar of Lebanon (Cedrus libani)	S	12	550										4	3.5	5	6	0-N	0	M	Small amount of pink needle blight, limited life expectancy.	None.	10+	C1	136.9	6.6
T7	Pedunculate/common oak (Quercus robur)	M(a)	13	300	270	160	180							7	4.5	5	6	2.0-N	2	EM	Multi-stemmed from base. Significant Ivy cover throughout. Visual tree inspection impared.	Remove Ivy	10+	C1	99.9	5.6
T8	Bird cherry (Prunus padus)	M(b)	7	240	230	150	140	140	170	160				6	6	6	6	1.0-N	1	EM	Significant Ivy cover. Visual tree inspection impaired. 3 stems leaning north towards road.	Remove ivy	10+	C1	97.8	5.6
T9	Pedunculate/common oak (Quercus robur)	S	7	320										5	2	0	4	2.0-N	2	SM	Heavily suppressed, leaning north over footpath.	None	10+	C2	46.3	3.8
T10	Ash (Fraxinus excelsior)	S	14	300										1	2	2	3	6.0-N	6	SM	Significant Ash Dieback. Approx 70% of crown dead.	Remove tree	<10	U	40.7	3.6
T11	Common lime (Tilia europaea)	M(b)	4	75	75	75	75	75	75	75	75			1.5	1.5	1.5	1.5	0-N	0	Y	Lapsed hedgerow tree.	None	10+	C2	20.4	2.5
T12	Common lime (Tilia europaea)	S	18	580										4	4	4	4	0-N	0	M	Tip failed at approx 13m. Substantial regrowth. Small cavity to east of tree at 1m above ground level.	None	10+	C2	152.2	7.0
T13	Pedunculate/common oak (Quercus robur)	S	15	1200										5	5	5	7	3.0-W	3	OM	Bifurcation of main stem at 2m with both limbs historically failed resulting in multiple upright stems. Significant decay between main stems with hollowing below. Veteran tree.	None	40+	A3	651.5	14.4
T14	Pedunculate/common oak (Quercus robur)	S	11	790										4	4	5	5	3.0-N	4	OM	Top 30% of crown dead. Large diameter deadwood. Growing within hedgerow so access restricted.	None	20+	B3	282.4	9.5
T15	Ash (Fraxinus excelsior)	S	9	200										3	2.5	2	2	4.0-N	4	SM	Outgrown hedgerow tree. Access restricted due to location.	None	10+	C2	18.1	2.4
T16	Ash (Fraxinus excelsior)	M(a)	10	160	150	150	130							3	3	3	3	4.0-N	4	SM	Outgrown hedgerow tree. Access restricted due to location.	None	10+	C2	39.6	3.5

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T17	Pedunculate/common oak (Quercus robur)	S	18	810										9	11	11	8	5.0-S	0.5	M	Significant Ivy Cover throughout. Large diameter deadwood. Possible habitat specimen.	Sever Ivy at 1m height above ground level	40+	A2	296.9	9.7
T18	Ash (Fraxinus excelsior)	M(a)	10	140	140	150	130							4	3	2	3	4.0-N	4	SM	Outgrown hedgerow tree. Access restricted due to location.	None	10+	C2	35.6	3.4
T19	Pedunculate/common oak (Quercus robur)	S	18	1100										8	6	5	5	6.0-N	4	OM	Significant lightning strike resulting in failure of major southerly limb with major crack at 10m on main leader. Cavity present in main stem from 4 to 8m.	Remove main leader	10+	C3	547.5	13.2
T20	Pedunculate/common oak (Quercus robur)	S	12	900										8	7	7	5	4.5-N	2	M	Soil erosion around base, causing root exposure. Significant Ivy cover restricting more thorough visual tree assessment.	None	20+	B2	366.5	10.8
T21	Pedunculate/common oak (Quercus robur)	S	13	750										7	7	7	5.5	2.5-N	0.5	M	Significant Ivy cover throughout, restricting more thorough visual tree assessment. Growing on side of ditch.	Sever Ivy	20+	B2	254.5	9.0
T22	Pedunculate/common oak (Quercus robur)	S	14	900										3	6	6	6	3.0-E	1	M	Significant Ivy cover throughout, restricted more thorough visual tree assessment. Some large diameter deadwood throughout.	Sever Ivy	20+	B2	366.5	10.8
T23	Pedunculate/common oak (Quercus robur)	S	20	1200										9	9.5	9	10	4.0-E	2	M	Significant Ivy cover throughout crown, restricted more thorough visual tree assessment. Large diameter deadwood throughout crown.	Sever Ivy	40+	A2	651.5	14.4
T24	Alder (Alnus spp)	M(a)	15	400	400	300								3.5	4	5.5	4	2.0-S	2	OM	Significant Ivy cover throughout crown, restricting more thorough visual tree assessment. Significant dieback of crown likely to be a result of age. Access restricted to site so measurements are estimated. Growing on southern side of stream. Branches overhang electricity compound.	Remove tree	<10	U	185.5	7.7
T25	Alder (Alnus spp)	M(a)	15	380	370									3.5	4.5	3	6	4.0-E	0	EM	Significant Ivy cover throughout, restricting more visual tree assessment. Overhead utility cable running between both stems. Growing to north side of stream.	Sever Ivy	10+	C1	127.3	6.4
T26	Alder (Alnus spp)	M(a)	10	400	400									0.5	0.5	0.5	0.5	6.0-N	0	OM	Dead tree. One failed stem. Approx 4m from road. Significant Ivy cover restricting further assessment.	Remove tree	<10	U	144.8	6.8
T27	Ash (Fraxinus excelsior)	S	9	300										4	4	4	4	3.0-N	3	SM	Tree growing within hedgerow, so access restricted. No obvious signs of defects.	None	10+	C2	40.7	3.6
T28	Pedunculate/common oak (Quercus robur)	S	15	1100										3.5	9	7.5	5.5	4.5-N	2.5	M	Historic limb failure at 4m to north of stem and previous failure also to south, which has partially occluded. Overhanging A47 carriageway.	Reinspect annually going forward.	20+	B1	547.5	13.2
T29	Pedunculate/common oak (Quercus robur)	S	6	290										5	5	5	5	3.5-E	3.5	SM	Outgrown hedgerow tree. Growing within hedgerow and significant Ivy cover on main stem restricted more thorough visual tree assessment.	None	10+	C1	38.1	3.5
T30	Pedunculate/common oak (Quercus robur)	S	15	720										7	7.5	6.5	5	4.0-E	1	OM	Significant Ivy cover throughout restricted more thorough visual tree assessment. Historic tear out at 6m to west. Contorted crown structure.	Sever ivy	10+	C1	234.5	8.6
T31	Ash (Fraxinus excelsior)	S	22	1000										13	10	13	10	1.0-S	0	M	Significant Ivy cover noted throughout, obscuring more thorough visual tree assessment. Low hanging crown. No obvious signs of defects.	Sever ivy	10+	C1	452.4	12.0

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T32	other cherry spp (Prunus spp)	S	7	320										3.5	3.5	3.5	3.5	0.5-E	0	SM	Measured at base. Low crown form.	None	10+	C2	46.3	3.8
T33	Ash (Fraxinus excelsior)	M(a)	16	340	300	320								7.5	6	7	6.5	5.0-N	2	M	Growing within hedgerow. Good physiology and structure.	None.	20+	B2	139.4	6.7
T34	Ash (Fraxinus excelsior)	M(a)	16	600	450									7	6	7	6	5.0-W	3	M	Growing within hedgerow. Good physiology and stucture. Restricted access around base due to hedgerow and minor ivy.	None.	20+	B2	254.5	9.0
T35	Ash (Fraxinus excelsior)	S	17	1100										7	7	6	6.5	0.5-W	1	M	Stems previously removed so measurement taken from base. Significant Ivy cover throughout restricted more thorough visual tree assessment. Ash Dieback present.	Sever ivy	10+	C2	547.5	13.2
T36	Hornbeam (Carpinus betulus)	S	16	900										8	9	9	7	0-W	1	M	Significant Ivy cover throughout, restricted more thorough visual tree assessment. Growing on edge of steep incline to pond. Single stem to 3m. Dense crown growth.	None.	20+	B2	366.5	10.8
T37	Pedunculate/common oak (Quercus robur)	S	14	820										0	1.5	6	6	4.0-S	1	M	Epicormic and Ivy throughout, restricting more thorough visual tree assessment. Evidence of tunnelled habitat under main stem, although no significant decay visible in this area. Suppressed crown form to northern aspect.	None.	10+	C2	304.2	9.8
T38	Pedunculate/common oak (Quercus robur)	S	12	340										0.5	3.5	5	5	0.5-S	0	EM	Low crown form. Suppressed by larger neighbouring trees. Significant Ivy cover throughout restricted more thorough visual tree assessment.	None.	10+	C2	52.3	4.1
T39	Ash (Fraxinus excelsior)	S	17	1250										7	6.5	6	7	3.5-W	1.5	OM	Bifurcation of main stem at 0.5m. Cavity to north side at base. Hollowing stem. Lapsed hedgerow tree. Significant Ivy cover throughout restricted more thorough visual tree assessment. Poor historic pruning. Ash Dieback present.	None.	10+	C3	707.0	15.0
T40	Pedunculate/common oak (Quercus robur)	M(a)	9	340	250									5.5	3	4.5	6	0.5-W	0.5	EM	Multi-stemmed from base. Basal suckers noted. Suppressed slightly to east but otherwise looks to be in good physiological condition.	None.	10+	C1	80.6	5.1
T41	Ash (Fraxinus excelsior)	M(b)	15	310	280	270	270	180	180	190	120	120		3	3	3	3	0-S	0	M	Multi-stemmed from base. Lapsed hedgerow tree.	None.	10+	C2	185.3	7.7
T42	Ash (Fraxinus excelsior)	M(a)	14	310	320									7	5.5	5	5.5	3.5-N	2	M	Multi-stemmed tree. Large diameter deadwood to lower crown. Ash Dieback present.	None.	10+	C2	89.8	5.3
T43	Field maple (Acer campestre)	M(a)	8	200	240	230								9	4	0	4	0-N	0	M	Lapsed hedgerow tree. Laid specimen. Lateral branches leaning heavily to north.	None.	10+	C2	68.1	4.7
T44	Pedunculate/common oak (Quercus robur)	S	10	460										4	4.5	5	4	5.0-S	5	OM	Lapsed hedgerow tree. Hollowing stem. Crown 70% dead. Access restricted due to dense scrub at base.	Remove tree	<10	U	95.7	5.5
T45	Pedunculate/common oak (Quercus robur)	S	15	1200										5.5	9	7	6	4.0-W	3	M	Significant Ivy cover throughout, restricted more thorough visual tree assessment. Epicormic growth on main stem. No obvious defects observed.	None.	20+	B1	651.5	14.4
T46	Ash (Fraxinus excelsior)	M(a)	12	270	280	280								5.5	3.5	6.5	3.5	4.5-W	2	EM	Multi-stemmed from base. Minor Ash Dieback present. Access restricted due to location within hedgerow.	None.	10+	C2	103.9	5.8

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T47	Pedunculate/common oak (Quercus robur)	S	12	540										6	5	6	5.5	1.5-S	1	EM	Outgrown hedgerow tree. Ivy noted throughout. Growing on side of ditch.	None.	20+	B2	131.9	6.5
T48	Pedunculate/common oak (Quercus robur)	S	10	330										5.5	5	4.5	5	4.0-S	2	EM	Growing within hedgerow so access restricted. No major defects observed.	None.	20+	B2	49.3	4.0
T49	Beech (Fagus sylvatica)	S	26	1200										12	8	6	8	6.0-N	0	M	Large included union at stem join 2m above ground level and further included union on northern stem at 10m.	None	20+	B1	651.5	14.4
T50	Hornbeam (Carpinus betulus)	S	26	790										11	7	4	5	4.0-N	1.5	M	Large diameter deadwood to north eastern side of tree. Good physiological and structural condition.	None.	40+	A2	282.4	9.5
T51	Beech (Fagus sylvatica)	S	27	690										11	4.5	3	8	4.0-N	0	M	Suppressed slightly to south due to neighbouring trees. Tall upright stem. Good physiological and structural condition.	None	20+	B1	215.4	8.3
T52	Ash (Fraxinus excelsior)	S	17	530										10	3	0	4	8.0-N	7	M	Suppressed tree with heavy lateral branches growing over carriageway. Ash Dieback present, approx 20% loss of crown.	None	10+	C1	127.1	6.4
T53	Beech (Fagus sylvatica)	S	26	790										6	8	6	5	7.0-N	2.5	M	Good structural and physiological condition. No major defects observed.	None.	40+	A2	282.4	9.5
T54	Beech (Fagus sylvatica)	S	27	770										5	4	10	8	6.0-S	5	M	Failed limb at 7m to south. Leggy woodland tree.	None.	10+	C1	268.3	9.2
T55	Beech (Fagus sylvatica)	S	26	550										8	5	6	8	7.0-S	10	M	Large diameter deadwood to lower crown. Tall upright stems with minimal side branching.	None.	20+	B2	136.9	6.6
T56	Beech (Fagus sylvatica)	S	26	620										4	4	7	9	10.0-E	10	M	Tall upright single stem with limited side branching. Good physiology and stucture.	None.	20+	B2	173.9	7.4
T57	Beech (Fagus sylvatica)	S	27	720										6	5	8	8	4.0-W	4	M	Good physiological and structural condition.	None.	40+	A2	234.5	8.6
T58	Sycamore (Acer pseudoplatanus)	S	14	500										8.5	4	0	4	2.5-W	3	M	Approximately 35% of stem hollow to base, noted from the south side. Lowest limb to south has significant decay pockets throughout and is overhanging road. Suppressed tree with poor form.	Remove tree	<10	U	113.1	6.0
T59	Beech (Fagus sylvatica)	S	26	770										6	6	5	8	10.0-N	10	M	Good physiology and structure.	None.	40+	A2	268.3	9.2
T60	Beech (Fagus sylvatica)	S	26	650										7	3	1	4	10.0-W	10	M	Good physiology and stucture. Crown bias to north and west.	None.	20+	B2	191.2	7.8
T61	Beech (Fagus sylvatica)	S	25	700										6	4.5	6	8	10.0-W	10	M	Good physiology and stucture. No major defects observed.	None.	40+	A2	221.7	8.4

Tree Ref No.	Species	Single or Multiple Stem (S or M)	Height (m)	Stem Diameter (mm) S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	Branch Spread (m) N	E	S	W	Crown Clearance (m) (1)	(2)	Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area (m^2)	(radius in m)
T62	Beech (Fagus sylvatica)	S	26	650										5	4	3	7	7.0-W	8	M	Good physiology. Crown bias to north and west.	None.	20+	B2	191.2	7.8
T63	Sycamore (Acer pseudoplatanus)	S	20	380										5	4	2	2	0-S	0.5	EM	Open face cavity from ground level to 4m on south westerly aspect. Epicormic growth. Large diameter deadwood throughout.	Remove tree	<10	U	65.3	4.6
T64	Beech (Fagus sylvatica)	S	24	630										10	6	1	6	6.0-W	4.5	M	Suppressed by adjacent tree. Included union at 8m. Stems rubbing at various points throughout crown.	None.	10+	C1	179.6	7.6
T65	Beech (Fagus sylvatica)	S	27	980										6	6	7	10	5.5-E	5	M	Good physiology and stucture. No major defects observed.	None.	40+	A2	434.5	11.8
T66	Sycamore (Acer pseudoplatanus)	S	19	380										3	3	3	3	7.0-W	9.5	EM	Open face cavity from ground level to 3m on eastern aspect. Large diameter deadwood with declining crown.	Remove tree	<10	U	65.3	4.6
T67	Beech (Fagus sylvatica)	S	24	510										4	4	6	5	6.0-N	6	EM	Open face wound on south western aspect from 1.5m to 6m. Partially occluded.	None	10+	C2	117.7	6.1
T68	Ash (Fraxinus excelsior)	S	28	1150										7	7	7	7	4.0-N	2	M	Access restricted due to fence and river. Significant Ivy cover throughout further restricted more thorough visual tree assessment. Some minor pruning wounds to lower crown and some large diameter deadwood were noted.	None.	40+	A2	598.4	13.8
T69	Ash (Fraxinus excelsior)	M(a)	25	550	480									8	6	0	8	6.0-W	4	OM	Significant decay to base of tree from northern aspect. Large split in union at 0.5m from base. Likely to fail imminently. Serious decline noted within crown with large diameter deadwood throughout.	Remove tree	<10	U	241.1	8.8
T70	Ash (Fraxinus excelsior)	S	18	440										4	4	4	4	5.0-S	6	EM	Significant decay under base of tree running span of stem. Ash Dieback present. Likely to fail imminently.	Reduce to 2.5m	<10	U	87.6	5.3
T71	Pedunculate/common oak (Quercus robur)	S	17	570										1	7	9	6	2.5-S	0	M	Stem split at 6m, with damage from union to 1m above ground level. Imminent failure likely onto neighbouring land. Creaking noise of some volume noted at time of inspection.	Remove tree	<10	U	147.0	6.8
T72	Beech (Fagus sylvatica)	S	26	920										13	12	9	8	2.5-S	1	M	Partially included union at 5m on west side. East side union appears adequate. Historic limb failure to north at 6m. Open crown form. Single Ganoderma bracket to North. Dominant tree within woodland.	None.	20+	B2	383.0	11.0
T73	Alder (Alnus spp)	M(a)	12	310	300									3.5	6	5	4	0.5-W	0	EM	Epicormic growth from base. Multi-stemmed from base. Limb failure at 2m to south, partially occluded.	None.	10+	C2	84.2	5.2
T74	Hazel (Corylus avellana)	M(b)	6	75	75	75	75	75	190					4	4.5	4	5	0-N	0	SM	Coppiced Hazel stool.	None.	10+	C2	24.1	2.8
T75	other poplar spp (Populus spp)	S	13	260										2.5	4.5	5	2	2.5-N	3.5	SM	Tree growing on side of ditch. Crown bias to south and east.	None.	10+	C2	30.6	3.1
T76	Hawthorn species (Crataegus spp)	M(a)	9	75	75	75	75							2.5	2.5	2.5	2.5	0-N	0	EM	Growing on side of ditch with Ivy throughout stem.	None.	10+	C2	10.2	1.8

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T77	Hazel (Corylus avellana)	M(a)	4	75	75	75								2	2	2	2	0-N	0	SM	Coppiced Hazel stool. Approx 20 stems below 75mm dbh.	None.	10+	C2	7.6	1.6
T78	Pedunculate/common oak (Quercus robur)	S	9	300										1	4.5	3	4.5	1.5-S	0	SM	Standalone tree with good physiology and stucture.	None.	10+	C2	40.7	3.6
T79	Hazel (Corylus avellana)	M(a)	6	75	75	75	75	75						3	3	3	3	0-N	0	SM	Coppiced Hazel stool. Approx 25 stems under 75mm dbh.	None.	10+	C2	12.7	2.0
T80	Grey willow (Salix cinerea)	M(a)	26	760	270									10	8	7	8	5.0-N	5	M	Significant Ivy cover on Stems. Tree also located on river bank so access restricted somewhat. Some large diameter deadwood present throughout.	None.	10+	C2	294.3	9.7
T81	Ash (Fraxinus excelsior)	S	18	690										6.5	9	9	5	6.0-S	2	M	Ash Dieback present. Large diameter deadwood to south. Significant Ivy cover throughout restricted more thorough visual tree assessment.	None.	10+	C2	215.4	8.3
T82	Pedunculate/common oak (Quercus robur)	S	22	980										8	7	5	4	6.0-E	4	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. Considerable large diameter deadwood throughout. Some minor hollowing noted to base of stem to south.	None.	20+	B2	434.5	11.8
T83	Pedunculate/common oak (Quercus robur)	S	20	1020										9	6	5	8	5.0-N	3	OM	Large diameter deadwood noted throughout. Reduced vigour, reasons unknown but likely due to age.	None.	20+	B2	470.7	12.2
T84	Beech (Fagus sylvatica)	S	5	620										2.5	2.5	2.5	2.5	0-N	0	OM	Natural failure, resulting in cavity in stem at 5m. Strong epicormic regeneration below failure point.	None.	10+	C3	173.9	7.4
T85	Hawthorn species (Crataegus spp)	M(a)	6	150	160	130								5	3	2	5	1.5-N	0.5	EM	Signficant Ivy cover throughout restricted more thorough visual tree assessment. Crown bias to west.	None.	10+	C2	29.4	3.1
T86	Pedunculate/common oak (Quercus robur)	S	19	520										0	0	0	0	10.0-W	10	OM	Single dead stem. Significant Ivy cover throughout restricted more thorough visual tree assessment.	Reduce to 5m (monolith), due to proximity to road.	<10	U	122.3	6.2
T87	Common lime (Tilia europaea)	M(b)	18	320	240	170	150	190	75					6.5	6.5	6.5	6.5	0-N	0	M	Very dense epicormic growth resulting a further 20 minor stems. Lime coppiced stool.	None.	10+	C1	98.9	5.6
T88	Ash (Fraxinus excelsior)	S	15	320										2	4.5	5	5	6.0-E	5	EM	Growing on highway verge. significant Ivy cover on stem restricted more thorough visual tree assessment. Ash Dieback present.	None	10+	C2	46.3	3.8
T89	Ash (Fraxinus excelsior)	S	15	320										4	4.5	6	6	6.0-E	1	EM	Growing on highway verge. significant Ivy cover on stem restricted more thorough visual tree assessment. Ash Dieback present.	None	10+	C2	46.3	3.8
T90	Pedunculate/common oak (Quercus robur)	S	12	960										7	7.5	7	6.5	4.5-W	2	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. Slight delamination to southern aspect of stem due to organic material. Minor deadwood throughout.	None.	20+	B1	417.0	11.5
T91	Pedunculate/common oak (Quercus robur)	S	14	1110										8.5	7	7.5	7	3.0-S	3	OM	Tree of low vigour. Significant large diameter deadwood throughout crown. Epicormic on main stem and throughout primary branches.	None.	10+	C1	557.5	13.3

Tree Ref No.	Species	Single or Multiple Stem (S or M)	Height (m)	Stem Diameter (mm) S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	Branch Spread (m) N	E	S	W	Crown Clearance (m) (1)	(2)	Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area (m^2)	(radius in m)
T92	Blackthorn (Prunus spinosa)	M(a)	5	150	160									3	3.5	2	1.5	0-N	0	SM	Lapsed hedgerow tree. Significant Ivy cover throughout restricted more thorough visual tree assessment.	None.	10+	C2	21.8	2.6
T93	Pedunculate/common oak (Quercus robur)	S	23	1250										4.5	11	12	6	3.0-S	1	OM	Large limb historically failed to north. Significant Ivy cover throughout restricted more thorough visual tree assessment. Considerable new growth at previous failure with good vigour.	None.	20+	B2	707.0	15.0
T94	Pedunculate/common oak (Quercus robur)	S	23	1450										12	10	12	6	3.0-N	2.5	OM	Large stem removal to northern side, failed to fully occlude. Significant dieback with associated large diameter deadwood.	None.	10+	C1	707.0	15.0
T95	Pedunculate/common oak (Quercus robur)	S	18	1380										10	7.5	7.5	6	3.0-N	3	OM	Large cavity on northern limb. Declining canopy with associated large diameter deadwood. Limbs to east failed. Exposed cambium and secondary hardening failure.	None.	20+	B1	707.0	15.0
T96	Pedunculate/common oak (Quercus robur)	S	15	1260										9	8	6.5	4.5	2.5-N	1.5	OM	Large diameter deadwood overhanging utility cable to west. 2 vertical stems dead. Declining canopy with associated large diameter deadwood. Failed limb to east.	Remove deadwood to west of tree over utility cable.	20+	B1	707.0	15.0
T97	Pedunculate/common oak (Quercus robur)	S	13	850										7	7	8	5	4.0-W	3.5	OM	Utility grow approx 1m to east of main stem. Decline of canopy with associated large diameter deadwood.	None.	10+	C1	326.9	10.2
T98	Pedunculate/common oak (Quercus robur)	S	13	890										6	5	6	5.5	2.0-S	2	OM	3 stems from 2m. Easterly stem previous failure at 10m, resulting in vertical decay column. Canopy in early stages of decline with associated small and large diameter deadwood.	None.	10+	C1	358.4	10.7
T99	Pedunculate/common oak (Quercus robur)	S	9	790										3.5	2	4	4	3.0-W	3	OM	Moderate crown decline with associated large diameter deadwood over road.	Remove deadwood to east over road.	10+	C1	282.4	9.5
T100	Pedunculate/common oak (Quercus robur)	S	10	500										4	4	4	5	3.0-W	2	OM	Split in stem from ground level to 3m. Imminent failure likely. Stem bias to east. Evidence of crown decline with associated large diameter deadwood.	Remove tree	<10	U	113.1	6.0
T101	Pedunculate/common oak (Quercus robur)	S	11	980										4.5	3.5	5	3.5	3.5-S	2.5	OM	Historic stem failure to west. Bees nest within stem indicating potential cavity. Ivy cover on main stem restricted more thorough visual tree assessment. Crown decline resulting in small diameter deadwood.	None.	10+	C1	434.5	11.8
T102	Pedunculate/common oak (Quercus robur)	S	13	1200										8	5	6	7	5.0-W	3	OM	2 historic limb failures to east. Significant Ivy cover throughout restricted more thorough visual tree assessment. Crown decline resulting in small diameter deadwood. Hollowing stem at base to east.	None.	10+	C1	651.5	14.4
T103	London plane (Platanus x acerifolia)	S	17	620										6.5	3	4	8	8.0-W	5	M	Horizontal western stem. Large diameter deadwood over road to east.	None.	10+	C1	173.9	7.4
T104	Pedunculate/common oak (Quercus robur)	S	16	540										1	4	4	8	4.0-S	4	EM	Crown bias to west due to proximity of neighbouring tree. Good physiological condition.	None.	20+	B2	131.9	6.5
T105	Horse chestnut (Aesculus hippocastanum)	S	13	620										4	4.5	6	7	4.0-W	0.5	M	Significant Ivy cover on stem. Leaf Miner present. Previous reduction to south and east.	None.	20+	B2	173.9	7.4
T106	Horse chestnut (Aesculus hippocastanum)	S	15	580										3.5	5	5	5	3.0-E	3	M	Good physiology and stucture. Leaf Miner present.	None.	20+	B2	152.2	7.0

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T107	Horse chestnut (Aesculus hippocastanum)	S	14	530										5	4	3	3	2.0-N	3	M	Tall specimen on woodland edge with Ivy on main stem. Leaf Miner present.	None.	20+	B2	127.1	6.4
T108	Pedunculate/common oak (Quercus robur)	S	23	860										9	7.5	7	7	4.0-E	2.5	M	Ivy cover on main stem restricted more thorough visual tree assessment. Minor limb failures to east and south.	None.	20+	B2	334.6	10.3
T109	Horse chestnut (Aesculus hippocastanum)	S	24	970										9	7	11	7.5	2.5-N	1.5	M	Excellent form. Leaf Miner present. No major defects observed.	None.	40+	A2	425.7	11.6
T110	Field maple (Acer campestre)	S	9	270										3	3	3	3	0-N	0	SM	Tree emerging from hedgerow. Good Condition.	None.	10+	C2	33.0	3.2
T111	Field maple (Acer campestre)	S	9	270										3	3	3	3	0-N	0	SM	Tree emerging from hedgerow. Good Condition.	None.	10+	C2	33.0	3.2
T112	Field maple (Acer campestre)	S	9	270										3	3	3	3	0-N	0	SM	Tree emerging from hedgerow. Good Condition.	None.	10+	C2	33.0	3.2
T113	Field maple (Acer campestre)	S	9	270										3	3	3	3	0-N	0	SM	Tree emerging from hedgerow. Good Condition.	None.	10+	C2	33.0	3.2
T114	Ash (Fraxinus excelsior)	M(b)	12	170	180	230	170	160	300					6	5.5	5	5	1.5-N	0.5	M	Dense crown with good vigour. Lapsed hedgerow tree. Growing on side of ditch.	None.	10+	C2	110.4	5.9
T115	Pedunculate/common oak (Quercus robur)	S	16	980										9	8	9	8.5	5.0-S	6	OM	2 average sized Ganoderma brackets to east of stem towards base. Evidence of Acute Oak Decline as black tar like substance noted below 1.5m around stem. Significant Ivy cover throughout restricted more thorough visual tree assessment. Crown in decline with associated large	None.	10+	C1	434.5	11.8
T116	Pedunculate/common oak (Quercus robur)	S	15	630										5	8	9	7	2.0-W	2.5	M	Tree growing within hedgerow and on side of ditch. Small diameter deadwood throughout. Tree looks to be in decline.	None.	10+	C1	179.6	7.6
T117	Pedunculate/common oak (Quercus robur)	S	15	870										5.5	6	8.5	7	4.0-N	1	OM	Twin stemmed from 2.5m. Crown in decline with associated large diameter deadwood. Growing on side of ditch.	None.	10+	C1	342.5	10.4
T118	Ash (Fraxinus excelsior)	M(a)	14	160	150	75	170	180						4.5	4.5	4.5	4.5	3.0-S	3.5	EM	Tree growing within hedgerow. Significant Ivy cover throughout restricted more thorough visual tree assessment.	None.	10+	C1	52.0	4.1
T119	Field maple (Acer campestre)	S	8	210										1.5	1.5	1.5	1.5	4.0-E	4	SM	Emerging hedgerow tree.	None.	10+	C2	20.0	2.5
T120	Ash (Fraxinus excelsior)	M(a)	9	140	160									3.5	3.5	3.5	3.5	3.0-N	3.5	SM	Tree growing within roadside hedgerow. Base obscured.	None.	10+	C2	20.5	2.6
T121	Pedunculate/common oak (Quercus robur)	S	16	880										8	9	9	8	1.0-N	0.5	M	Significant amount of epicormic growth on main stem. Tree looks to have good physiology and structure.	None.	20+	B2	350.4	10.6

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T122	Pedunculate/common oak (Quercus robur)	S	16	850										9	6	9	6	3.5-E	3.5	M	Delamination to eastern side from base to 2m. Partially occluded. No other major defects noted.	None.	20+	B2	326.9	10.2
T123	Pedunculate/common oak (Quercus robur)	S	16	860										6	7	7	7	5.0-W	3	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. Large area of delamination to west of stem, from base to 1.5m. Barbed wire within this section and this has not occluded. Hollowing to base of stem from west.	None.	10+	C1	334.6	10.3
T124	Sycamore (Acer pseudoplatanus)	S	6.5	150										2	2	2	2	0.5-N	0.5	Y	Tree growing on boundary.	None.	10+	C1	10.2	1.8
T125	Sycamore (Acer pseudoplatanus)	S	6.5	150										2	2	2	2	0.5-N	0.5	Y	Tree growing on boundary.	None.	10+	C1	10.2	1.8
T126	Oak (robur/petraea) (Quercus spp)	S	15	560										6	7	8	3	0.5-N	0	M	Epicormic growth throughout main stem. Significant Ivy cover throughout restricted more thorough visual tree assessment.	None.	10+	C1	141.9	6.7
T127	Ash (Fraxinus excelsior)	M(a)	17	450	320	440								5	3	10	9	5.0-S	3	M	Snapped limb to south at 6m. Rubbing stems to south at 6m. Expansion cracking on largest stem due to excessive southerly lean. Minor Ash Dieback present.	None.	10+	C2	225.5	8.5
T128	Pedunculate/common oak (Quercus robur)	S	15	640										7	5	4.5	7	3.0-E	1	M	Growing on steep bank with Ivy growing into canopy. Reduced vigour. Minor deadwood.	None.	10+	C1	185.3	7.7
T129	Ash (Fraxinus excelsior)	M(a)	10	110	120	130								3.5	3	2	1.5	3.0-S	3	SM	Lapsed hedgerow tree. Measurements estimated due to location.	None.	10+	C2	19.6	2.5
T130	Field maple (Acer campestre)	S	8	280										3.5	3.5	3.5	3.5	3.0-S	3	SM	Lapsed hedgerow tree.	None.	10+	C2	35.5	3.4
T131	Pedunculate/common oak (Quercus robur)	S	14	1100										6.5	6	7.5	6	0-S	0.5	M	Epicormic growth throughout main stem. Lower 3m managed as part of hedge.	None.	20+	B1	547.5	13.2
T132	Pedunculate/common oak (Quercus robur)	S	21	1500										10	11	12	11	3.0-W	2	OM	Some pruning wounds which have almost fully occluded. Large diameter deadwood scattered throughout.	None.	40+	A2	707.0	15.0
T133	Pedunculate/common oak (Quercus robur)	S	10	460										6.5	4	6.5	4	1.0-S	0	SM	Trimmed on east side and cut back to road boundary to 5m. Easterly branch possible vehicle impact causing failure at 3m.	None.	10+	C1	95.7	5.5
T134	Pedunculate/common oak (Quercus robur)	S	7	140										2	2	2	2	3.0-N	3.5	Y	Lapsed hedgerow tree. Growing next to utility pole with cables above crown.	None.	10+	C2	8.9	1.7
T135	Pedunculate/common oak (Quercus robur)	S	13	680										0	0	0	0	10.0-W	10	OM	Dead tree with significant Ivy cover throughout restricted more thorough visual tree assessment. Large diameter deadwood over road and utility cable.	Remove tree	<10	U	209.2	8.2
T136	Pedunculate/common oak (Quercus robur)	S	14	1200										6	12	8	5	0-S	0.5	M	Historic limb failures over road to north and south at 5m. Epicormic growth throughout main stem. Heavy crown bias to east over road. Delamination of bark at base on north side to 2m. Large cavity at 2m to east.	Reduce to 5m height to ensure prolonged safety.	10+	C1	651.5	14.4

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T137	Pedunculate/common oak (Quercus robur)	S	15	840										6	7	4.5	5	0-N	0	M	Epicormic growth managed as part of hedgerow, which restricted basal access. Significant Ivy cover throughout further restricted more thorough visual tree assessment.	None.	20+	B2	319.2	10.1
T138	Pedunculate/common oak (Quercus robur)	S	15	1200										4.5	4	5.5	6	0.5-N	0.5	OM	Large limb failure to north at 4m. significant Ivy cover throughout restricted more thorough visual tree assessment. Some large diameter deadwood associated with crown decline.	Reduce to 5m height to ensure prolonged safety.	10+	C1	651.5	14.4
T139	Pedunculate/common oak (Quercus robur)	S	15	460										0	0	0	0	10.0-W	10	EM	Dead tree. Significant Ivy cover throughout restricted more thorough stem assessment.	Remove tree	<10	U	95.7	5.5
T140	Pedunculate/common oak (Quercus robur)	S	15	680										5	5	6.5	5	0-N	0	M	Epicormic growth managed as part of hedgerow. Utility pole running through crown.	None.	20+	B2	209.2	8.2
T141	Pedunculate/common oak (Quercus robur)	S	15	720										6	7	5	5	3.0-N	3	M	No major defects observed. Significant Ivy cover throughout restricted more thorough visual tree assessment.	None.	20+	B2	234.5	8.6
T142	Pedunculate/common oak (Quercus robur)	S	14	1200										6	5	6	5	5.0-E	3.5	OM	Historic limb failure to south at 5m. Fire damage to west side. Hollowing stem. Significant Ivy cover throughout restricted more thorough visual tree assessment.	Reduce to 5m height to prolong safety of tree.	10+	C1	651.5	14.4
T143	Pedunculate/common oak (Quercus robur)	S	15	1000										5	6	6	4	0-N	0	M	Epicormic growth managed as part of hedgerow. Significant Ivy cover throughout restricted more thorough visual tree assessment. No major defects observed.	None.	20+	B1	452.4	12.0
T144	Pedunculate/common oak (Quercus robur)	S	16	1100										6.5	6.5	6.5	6.5	0-N	0	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. Epicormic growth throughout.	None.	20+	B1	547.5	13.2
T145	Pedunculate/common oak (Quercus robur)	S	7	500										7	7	7	7	0-N	0	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. Field Maple growing at base.	None.	10+	C1	113.1	6.0
T146	Pedunculate/common oak (Quercus robur)	S	18	980										2	5	5	4	0-N	0	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. No major defects observed.	None.	20+	B1	434.5	11.8
T147	Pedunculate/common oak (Quercus robur)	S	24	1600										9	8	10	7	0.5-S	0	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. No major defects observed.	None.	40+	A1	707.0	15.0
T148	Holly species (Ilex spp)	M(a)	7	110	110	110								2.5	2	1.5	0.5	0-N	0	SM	Pruned to west. No major defects observed.	None.	10+	C2	16.4	2.3
T149	Pedunculate/common oak (Quercus robur)	S	21	1000										6	8	6.5	5.5	3.0-N	2	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. No major defects observed.	None.	40+	A1	452.4	12.0
T150	Sycamore (Acer pseudoplatanus)	S	24	1200										5	7	12	7	2.0-S	0.5	M	Tree measured from base. Located on no access land so measurement are estimated. Multi-stemmed from 1.5m. Good vigour.	None.	20+	B1	651.5	14.4
T151	Sycamore (Acer pseudoplatanus)	S	24	680										5	4	10	6	1.5-S	1.5	M	Good physiology and structure. Large diameter deadwood to south east. Measurements estimated as tree located in no access land.	None.	40+	A1	209.2	8.2

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T152	Ash (Fraxinus excelsior)	S	22	700										6.5	3	4	2	5.0-E	3.5	OM	Significant Ivy cover throughout restricted more thorough visual tree assessment. Loss of large limb to south at 7m. Crown in considerable decline. Build up of deadwood throughout.	Remove tree	<10	U	221.7	8.4
T153	Ash (Fraxinus excelsior)	S	22	700										6.5	5	3	3	5.0-E	3.5	OM	Significant Ivy cover throughout restricted more thorough visual tree assessment. Crown in considerable decline. Build up of deadwood throughout.	Remove tree	<10	U	221.7	8.4
T154	Ash (Fraxinus excelsior)	S	23	670										4	4	4	4	8.0-S	10	M	Ash Dieback present. Significant decay strip from to 1.5m on eastern aspect. Decay penetration approx 60% of stem diameter. Vertical reaction growth around wound. Limited safe remaining lifespan.	Remove tree	<10	U	203.1	8.0
T155	Ash (Fraxinus excelsior)	S	16	600										5	10	10	2	4.5-S	4.5	M	Large split at union to 1m. Southerly stem in process of failure and hung up on neighbouring trees. Ivy clad stems.	Remove tree	<10	U	162.9	7.2
T156	other cherry spp (Prunus spp)	S	7	690										6	5	4	3	2.5-E	0.5	OM	Significant Ivy cover throughout restricted more thorough visual tree assessment. Age decline.	Sever Ivy at base	10+	C1	215.4	8.3
T157	other cherry spp (Prunus spp)	S	10	870										6	8.5	7	4	3.0-E	0.5	OM	In decline, most likely due to age as no major defects were noted.	None.	10+	C1	342.5	10.4
T158	Horse chestnut (Aesculus hippocastanum)	S	20	1080										5	9	8	8	2.0-E	0.5	M	Leaf Miner present. Significant Ivy cover throughout restricted more thorough visual tree assessment.	Sever Ivy	40+	A2	527.7	13.0
T159	Horse chestnut (Aesculus hippocastanum)	S	18	960										5	5	1	5	2.5-E	0.5	M	Good physiology and structure. No major defects observed.	None.	20+	B2	417.0	11.5
T160	Ash (Fraxinus excelsior)	S	11	190										3.5	3.5	3.5	3.5	3.0-S	3.5	SM	Dead Ash tree.	Fell to hedge height.	<10	U	16.3	2.3
T161	Ash (Fraxinus excelsior)	S	11	190										3.5	3.5	3.5	3.5	3.0-S	3.5	SM	Severely declining Ash tree.	Fell to hedge height and manage as hedgerow ongoing.	<10	U	16.3	2.3
T162	Ash (Fraxinus excelsior)	S	12	190										3.5	3.5	3.5	3.5	3.0-S	3.5	SM	Severely declining Ash tree.	Fell to hedge height and manage as hedgerow ongoing.	<10	U	16.3	2.3
T163	Ash (Fraxinus excelsior)	S	11	190										3.5	3.5	3.5	3.5	3.0-S	3.5	SM	Severely declining Ash tree.	Fell to hedge height and manage as hedgerow ongoing.	<10	U	16.3	2.3
T164	Ash (Fraxinus excelsior)	S	11	190										3.5	3.5	3.5	3.5	3.0-S	3.5	SM	Severely declining Ash tree.	Fell to hedge height and manage as hedgerow ongoing.	<10	U	16.3	2.3
T165	Ash (Fraxinus excelsior)	S	11	190										3.5	3.5	3.5	3.5	3.0-S	3.5	SM	Severely declining Ash tree.	Fell to hedge height and manage as hedgerow ongoing.	<10	U	16.3	2.3
T166	Ash (Fraxinus excelsior)	S	11	190										3.5	3.5	3.5	3.5	3.0-S	3.5	SM	Severely declining Ash tree.	Fell to hedge height and manage as hedgerow ongoing.	<10	U	16.3	2.3

Tree Ref No.	Species	Single or Multiple Stem (S or M)	Height (m)	Stem Diameter (mm) S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	Branch Spread (m) N	E	S	W	Crown Clearance (m) (1)	(2)	Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area (m^2)	(radius in m)
T167	Ash (Fraxinus excelsior)	S	9	150										1.5	1.5	1.5	1.5	3.0-S	3.5	SM	Severely declining Ash tree.	Fell to hedge height and manage as hedgerow ongoing.	<10	U	10.2	1.8
T168	Horse chestnut (Aesculus hippocastanum)	S	9	170										2.5	2.5	2.5	2.5	2.0-W	2	SM	Lapsed hedgerow tree. No major defects observed.	None.	10+	C2	13.1	2.0
T169	Pedunculate/common oak (Quercus robur)	S	14	1000										4.5	3.5	7	7	5.0-S	0.5	OM	Significant Ivy cover throughout restricted more thorough visual tree assessment. Multiple failures (3 limbs) at 4m east. Delamination of bark and decay on eastern side of stem.	None.	10+	C2	452.4	12.0
T170	Pedunculate/common oak (Quercus robur)	S	21	1000										9	10	8	7.5	4.0-S	1	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. No major defects observed. Without Ivy could possibly merit an A category.	None.	20+	B2	452.4	12.0
T171	Pedunculate/common oak (Quercus robur)	S	20	1010										6	8	12	9	4.0-E	3.5	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. Historic limb failure to 3.5m south.	None.	20+	B2	461.5	12.1
T172	Pedunculate/common oak (Quercus robur)	S	21	890										7	7	7	4.5	4.0-N	0.5	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. Some minor snap outs to north and large diameter deadwood.	None.	20+	B2	358.4	10.7
T173	Pedunculate/common oak (Quercus robur)	S	19	1200										7	8	7.5	8.5	2.5-W	1	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. Large diameter deadwood throughout. Epicormic growth to base.	None.	40+	A2	651.5	14.4
T174	Pedunculate/common oak (Quercus robur)	S	13	980										5	6.5	5.5	6.5	2.0-W	1	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. No major defects observed.	None.	20+	B2	434.5	11.8
T175	Pedunculate/common oak (Quercus robur)	S	20	1150										9	11	8.5	6.5	4.0-E	2	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. No major defects observed.	None.	40+	A2	598.4	13.8
T176	Pedunculate/common oak (Quercus robur)	S	20	1200										9	11	12	8.5	3.0-E	4	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. No major defects observed.	None.	40+	A2	651.5	14.4
T177	Pedunculate/common oak (Quercus robur)	S	20	1110										8	5	12	7	4.5-W	2.5	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. No major defects observed.	None.	40+	A2	557.5	13.3
T178	Pedunculate/common oak (Quercus robur)	S	20	1030										6	9.5	13	7	3.0-E	3	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. No major defects observed.	None.	40+	A2	480.0	12.4
T179	Pedunculate/common oak (Quercus robur)	S	17	1200										9	6	10	7.5	4.0-E	4	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. No major defects observed.	None.	40+	A2	651.5	14.4
T180	Pedunculate/common oak (Quercus robur)	S	20	1050										7.5	7.5	9	6	5.0-E	3.5	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. No major defects observed.	None.	40+	A2	498.8	12.6
T181	Pedunculate/common oak (Quercus robur)	S	20	630										6.5	6.5	6.5	6.5	4.0-W	3.5	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. No major defects observed.	None.	40+	A2	179.6	7.6

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T182	Crab apple (Malus sylvestris)	M(a)	7	180	140									2	4	4	4	0-N	0	M	Suppressed by adjacent Oak tree. Ivy growing on stems.	None.	10+	C2	23.5	2.7
T183	Pedunculate/common oak (Quercus robur)	S	7	400										4.5	4	5	4	2.5-S	2.5	EM	Significant Ivy cover throughout restricted more thorough visual tree assessment.	None,	10+	C2	72.4	4.8
T184	Ash (Fraxinus excelsior)	M(a)	10	280	390									3	5	5	5	3.0-S	3	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. Lapsed hedgerow tree. Ash Dieback present.	None.	10+	C2	104.3	5.8
T185	Pedunculate/common oak (Quercus robur)	S	9	1100										5.5	6	6	5	0.5-E	0.5	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. Growing within hedgerow.	None.	20+	B2	547.5	13.2
T186	Pedunculate/common oak (Quercus robur)	S	18	1100										9	8	8.5	7.5	0.5-N	0.5	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. Ganoderma bracket to east side at base.	None.	20+	B2	547.5	13.2
T187	Pedunculate/common oak (Quercus robur)	S	20	1170										8	9	9	9	4.0-N	2.5	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. No major defects observed.	None.	40+	A2	619.4	14.0
T188	Pedunculate/common oak (Quercus robur)	S	20	1050										5	9	8.5	4.5	6.0-E	5	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. No major defects observed.	None.	40+	A2	498.8	12.6
T189	Pedunculate/common oak (Quercus robur)	S	16	1040										5	5	5	4	4.0-W	4	M	Significant loss of limb to north east side at 2m resulting in vertical decay cavity. Approx 75% of stem decayed. Considerable Ivy throughout.	Remove tree	<10	U	489.4	12.5
T190	Field maple (Acer campestre)	M(a)	16	280	300	150	220	170						4	4	5	5	0-N	0	M	Epicormic growth on main stem, managed as part of hedgerow. Lapsed hedgerow specimen.	None.	20+	B2	121.3	6.2
T191	Norway spruce (Picea abies)	S	12	310										2	3	2	2.5	2.5-S	1.5	EM	Topped tree in private residence. Close to overhead utility lines.	None.	10+	C2	43.5	3.7
T192	Lawsons cypress (Chamaecyparis lawsoniana)	S	10	260										1	1	1	1	0-N	0	SM	Tree in private residence.	None.	10+	C2	30.6	3.1
T193	Rowan (Sorbus aucuparia)	S	5	120										1.5	3	2	0	1.5-E	2	Y	Tree heavily suppressed by neighbouring trees. In private residence.	Remove tree.	<10	U	6.5	1.4
T194	Birch (downy/silver) (Betula pubescens/pendula)	S	15	420										3	4	4	3	2.5-E	1	M	Tree growing in private residence. No major defects observed.	None.	10+	C2	79.8	5.0
T195	Pedunculate/common oak (Quercus robur)	S	13	780										7	7	7.5	7	4.0-S	1.5	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. Measured at base.	None.	20+	B2	275.3	9.4
T196	Crab apple (Malus sylvestris)	M(a)	5	75	75									2	2.5	1.5	1	1.0-E	1.5	SM	Suppressed by neighbouring tree. Growing in private residence.	None.	10+	C2	5.1	1.3

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T197	Pedunculate/common oak (Quercus robur)	S	15	890										7.5	7.5	7.5	7.5	5.0-W	3	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. Growing in private residence.	None.	20+	B2	358.4	10.7
T198	Ash (Fraxinus excelsior)	S	16	430										7	6	7	7	5.0-S	2	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. No visible Ash Dieback at time of survey.	Sever Ivy	20+	B1	83.7	5.2
T199	Pedunculate/common oak (Quercus robur)	S	15	790										8.5	8.5	8	8.5	4.0-E	0.5	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. No major defects observed.	Sever Ivy at base	20+	B1	282.4	9.5
T200	Ash (Fraxinus excelsior)	S	13	390										4.5	5	5	4	5.0-S	1.5	EM	Significant Ivy cover throughout restricted more thorough visual tree assessment. Ash Dieback present.	Sever Ivy	10+	C2	68.8	4.7
T201	Ash (Fraxinus excelsior)	S	13	390										4.5	5	5	4	5.0-S	1.5	EM	Significant Ivy cover throughout restricted more thorough visual tree assessment. Ash Dieback present.	Sever Ivy	10+	C2	68.8	4.7
T202	Ash (Fraxinus excelsior)	S	6	180										2.5	3	2	1	4.0-S	4	SM	Growing within hedgerow so access restricted. Minor dieback noted. Crown bias to east.	Remove tree.	<10	U	14.7	2.2
T203	Pedunculate/common oak (Quercus robur)	S	8.5	230										2.5	2.5	2.5	2.5	2.0-W	1	SM	Fastigiate form. Tree emerging from Blackthorn undergrowth. No major defects observed.	None.	10+	C1	23.9	2.8
T204	Pedunculate/common oak (Quercus robur)	S	9	440										5.5	5.5	5.5	5.5	1.5-E	1	EM	No significant defects observed.	None.	20+	B1	87.6	5.3
T205	Pedunculate/common oak (Quercus robur)	S	9	440										6.5	5.5	4	5	1.5-E	0.5	EM	No significant defects observed.	None.	20+	B1	87.6	5.3
T206	Pedunculate/common oak (Quercus robur)	S	9	400										6	5.5	5	4	2.0-S	0	EM	No significant defects observed.	None.	20+	B1	72.4	4.8
T207	Pedunculate/common oak (Quercus robur)	S	10	430										6	4.5	5	5	1.5-W	0.5	EM	Ivy clad stem. No major defects observed.	Sever Ivy	20+	B1	83.7	5.2
T208	Pedunculate/common oak (Quercus robur)	S	9	400										6.5	4	3.5	3	2.0-S	1	EM	Set back from road. Scrub around tree restricted visual tree assessment.	None.	10+	C1	72.4	4.8
T209	Pedunculate/common oak (Quercus robur)	S	11	490										6.5	4	6.5	5	2.0-E	2	EM	No significant defects observed.	None.	20+	B1	108.6	5.9
T210	Horse chestnut (Aesculus hippocastanum)	S	10	510										5	4.5	5.5	5	0.5-N	0	EM	Multiple lateral limbs from 0.5m. Squat in stature with high volume of Leaf Miner in lower canopy. Blocking view of road sign to west.	None.	10+	B1	117.7	6.1
T211	Sycamore (Acer pseudoplatanus)	M(b)	14	320	310	320	170	110	210	320				5.5	5.5	4	7	1.0-E	0.5	M	Fasciated stem to centre of tree. Suckering from base. High vigour. No major defects observed.	None.	10+	C1	200.2	8.0

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T212	Sycamore (Acer pseudoplatanus)	M(a)	12	310	310									4.5	4.5	5	5	0.5-S	0	EM	Multi-stemmed from 0.5m. Uniform crown with good vigour.	None.	10+	C1	87.0	5.3
T213	Pedunculate/common oak (Quercus robur)	S	11	490										7	7	7	5	2.5-S	0.5	EM	Good physiology and structure.	None.	20+	B1	108.6	5.9
T214	Pedunculate/common oak (Quercus robur)	S	13	480										6	6	6	6	3.5-N	2	EM	Well formed tree with evenly distributed crown. No major defects observed.	None.	40+	A2	104.2	5.8
T215	Horse chestnut (Aesculus hippocastanum)	S	11	500										6	6	2	6	1.0-N	0	EM	Some Ivy present. Leaf Miner also present. Low crown to north.	None.	20+	B1	113.1	6.0
T216	Horse chestnut (Aesculus hippocastanum)	S	11	500										6	4.5	4.5	3	1.0-N	1	EM	Some Ivy present. Leaf Miner also present. Low crown to north. Some vertical damage noted with bark inclusion to centre of stem.	None.	10+	C1	113.1	6.0
T217	Sycamore (Acer pseudoplatanus)	S	14	500										4	3	3	6	2.5-W	1	EM	Ivy growing on stem. Epicormic growth to west. No major defects observed.	None.	10+	C1	113.1	6.0
T218	Horse chestnut (Aesculus hippocastanum)	S	12	400										5	5	5	5	1.0-W	1.5	EM	Measured at 0.5m. No major defects observed. Leaf Miner present.	None.	10+	C1	72.4	4.8
T219	Pedunculate/common oak (Quercus robur)	S	15	510										6	6	6	6	6.0-E	4.5	M	Scrub at base of tree restricted more thorough visual tree assessment. Small diameter deadwood throughout.	None.	40+	A2	117.7	6.1
T220	Pedunculate/common oak (Quercus robur)	S	12	670										6	7.5	7.5	7.5	4.0-W	5	M	No significant defects observed. Westerly branches growing over utility cables. Slightly reduced vigour.	None.	20+	B1	203.1	8.0
T221	Beech (Fagus sylvatica)	S	12	430										5	6	5	5	5.0-N	4	EM	Scrub growth at base of tree restricted more thorough visual tree assessment. Good form.	None.	20+	B1	83.7	5.2
T222	Pedunculate/common oak (Quercus robur)	S	15	540										8	7	8.5	7	2.0-S	4	M	Large limb to south tearing out at 2m. Reduced vigour. Tear out unlikely to occlude and will cause further internal decay.	Remove tree	<10	U	131.9	6.5
T223	Pedunculate/common oak (Quercus robur)	S	16	660										7.5	6	5	3.5	4.5-N	4	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. Large diameter deadwood throughout crown. Low vigour.	Remove deadwood over road.	10+	C1	197.1	7.9
T224	Field maple (Acer campestre)	S	9.5	340										5	5	5	4	2.0-S	0.5	EM	Base obscured due to scrub. No major defects observed.	None.	10+	C1	52.3	4.1
T225	Pedunculate/common oak (Quercus robur)	S	13	420										6	6	6	6	4.0-E	3	EM	Utility cable running through centre of crown. No major defects observed.	None.	20+	B1	79.8	5.0
T226	Field maple (Acer campestre)	S	12	520										5.5	5	5.5	4.5	5.0-S	4	EM	Good physiology and structure. Minor damage to stem at 1m east.	None.	20+	B1	122.3	6.2

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T227	Sycamore (Acer pseudoplatanus)	S	16	740										7	4.5	3.5	5.5	2.0-S	0	M	Epicormic growth managed as part of hedgerow. Good physiology and structure.	None.	20+	B1	247.8	8.9
T228	Field maple (Acer campestre)	S	13	340										5	5	6	6	4.0-W	2	M	Good physiology and structure. Minor damage to lower limb over road, impact from vehicle.	None.	20+	B2	52.3	4.1
T229	Pedunculate/common oak (Quercus robur)	M(a)	7	120	110	80								3.5	2	3.5	2	2.5-N	2.5	SM	Emerging tree from hedgerow. Base obscured due to hedgerow.	None.	10+	C3	14.9	2.2
T230	Pedunculate/common oak (Quercus robur)	S	14	900										9	7	8	7	2.0-S	2	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. Epicormic growth to base, creating excessive weight loading to upper limbs.	Sever Ivy at base	20+	B1	366.5	10.8
T231	Common lime (Tilia europaea)	S	7	260										5	4	4	3	2.0-N	0	SM	Suckering and epicormic to base. Lapsed hedgerow tree.	None.	10+	C1	30.6	3.1
T232	Sycamore (Acer pseudoplatanus)	M(a)	10	260	130	170	170							3.5	3.5	3.5	3	2.0-E	0	SM	Lapsed hedgerow tree with epicormic growth throughout.	None.	10+	C1	64.4	4.5
T233	Ash (Fraxinus excelsior)	S	25	1200										10	8	9	7	7.0-W	5	OM	Significant Ivy cover throughout restricted more thorough visual tree assessment. Crown in considerable decline and multiple decsicated fruiting bodied to base. Large diameter deadwood over footpath and throughout crown.	Remove tree	<10	U	651.5	14.4
T234	Small-leaved lime (Tilia cordata)	S	8.5	390										5	4	0	2	2.0-N	0	EM	Lapsed hedgerow tree. Epicormic growth to base. Acute lean to north.	None.	10+	C3	68.8	4.7
T235	Small-leaved lime (Tilia cordata)	S	9	700										2.5	3	3	4	1.0-E	0	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. Likely pollarded at 3.5m historically.	Sever Ivy at base	20+	B2	221.7	8.4
T236	Ash (Fraxinus excelsior)	S	15	410										6	6.5	7	5	3.0-W	2.5	M	Ash Dieback present. Growing within hedgerow so access restricted.	None.	10+	C1	76.1	4.9
T237	Ash (Fraxinus excelsior)	S	13	300										3	4.5	4	4	3.0-E	3	SM	Growing within hedgerow so access restricted. Ash Dieback present.	None.	10+	C2	40.7	3.6
T238	Ash (Fraxinus excelsior)	M(a)	12	300	260	140	240							5.5	5	5.5	5.5	1.0-W	0.5	EM	Multi-stemmed from base. Ash Dieback present. Growing within hedgerow so access restricted.	None.	10+	C1	106.2	5.8
T239	Ash (Fraxinus excelsior)	S	8	320										2	2	3	1	3.0-E	3	EM	80% of crown dead due to Ash Dieback. Daldinia on main stem at 6m. Failed tree stem to west of main stem.	Remove tree	<10	U	46.3	3.8
T240	Pedunculate/common oak (Quercus robur)	S	12	300										3.5	3.5	3.5	3.5	2.0-E	2	EM	Tree growing within hedgerow so access restricted. No major defects observed.	None.	10+	C1	40.7	3.6
T241	Pedunculate/common oak (Quercus robur)	S	12	300										3.5	3.5	3.5	3.5	2.0-E	2	EM	Tree growing within hedgerow so access restricted. No major defects observed.	None.	10+	C1	40.7	3.6

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T242	Pedunculate/common oak (Quercus robur)	S	12	300										3.5	3.5	3.5	3.5	2.0-E	2	EM	Tree growing within hedgerow so access restricted. No major defects observed.	None.	10+	C1	40.7	3.6
T243	Pedunculate/common oak (Quercus robur)	S	12	300										3.5	3.5	3.5	3.5	2.0-E	2	EM	Tree growing within hedgerow so access restricted. No major defects observed.	None.	10+	C1	40.7	3.6
T244	Ash (Fraxinus excelsior)	M(a)	12	200	180									3	4.5	3	3	2.0-E	3	EM	Growing within hedgerow so access restricted. Minor Ash Dieback.	None.	10+	C1	32.8	3.2
T245	Alder (Alnus spp)	S	6	170										2	2.5	2	2.5	0.5-N	0.5	SM	No significant defects observed.	None.	10+	C1	13.1	2.0
T246	Ash (Fraxinus excelsior)	S	9	360										3	3	3	2.5	1.5-E	0.5	SM	Ash Dieback present.	None.	10+	C1	58.6	4.3
T247	Alder (Alnus spp)	S	3	90										2	1	1	1	0.5-N	0	Y	Suppressed tree. Minor deadwood. Low vigour.	None.	10+	C3	3.7	1.1
T248	Pedunculate/common oak (Quercus robur)	S	8	360										3.5	3.5	3	3.5	1.5-E	0	EM	No significant defects observed.	None.	20+	B2	58.6	4.3
T249	Birch (downy/silver) (Betula pubescens/pendula)	S	9	230										4.5	3	2	3	3.5-W	3	SM	No significant defects observed.	None.	10+	C1	23.9	2.8
T250	Crab apple (Malus sylvestris)	S	8	380										4	3.5	3.5	3	1.0-N	0	M	Significant pruning undertaken to south. Low growth over footpath. Twin stemmed from 1m.	Lift crown over footpath	10+	C1	65.3	4.6
T251	Alder (Alnus spp)	S	7	190										3.5	3	1.5	0.5	1.0-E	0.5	SM	Suppressed by neighbouring tree. No major defects observed.	None.	10+	C2	16.3	2.3
T252	Pedunculate/common oak (Quercus robur)	S	7	230										3	2	2.5	3	1.5-W	0.5	SM	No significant defects observed.	None.	10+	C1	23.9	2.8
T253	Pedunculate/common oak (Quercus robur)	S	7	280										3	4	2	3	0.5-E	0	SM	No significant defects observed.	None.	10+	C1	35.5	3.4
T254	Pedunculate/common oak (Quercus robur)	S	10	360										3	5	4	5	1.5-W	0.5	SM	Minor pruning wound to south, partially occluded. Slightly reduced vigour.	None.	10+	B2	58.6	4.3
T255	Birch (downy/silver) (Betula pubescens/pendula)	S	13	330										4	3	2.5	4	1.5-E	0.5	EM	No significant defects observed. Slightly suppressed with minor lean to north.	None.	10+	C1	49.3	4.0
T256	Ash (Fraxinus excelsior)	S	14	350										5	5.5	5	5.5	2.0-E	0.5	EM	Minor Ash Dieback.	None.	10+	C1	55.4	4.2

Tree Ref No.	Species	Single or Multiple Stem (S or M)	Height (m)	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
				S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T257	Alder (Alnus spp)	S	7	140										1.5	2.5	2.5	1.5	0.5-E	0	Y	No significant defects observed. Suppressed by neighbouring tree.	None.	10+	C1	8.9	1.7
T258	Ash (Fraxinus excelsior)	S	13	330										5	4	4	4.5	3.0-W	5	EM	Significant Ash Dieback present, approx 50% of crown dead.	Remove tree	<10	U	49.3	4.0
T259	Pedunculate/common oak (Quercus robur)	S	9	300										4	3.5	2	2	0.5-S	0.5	Y	Branches in contact with neighbouring tree. Tight union at 2m. Understorey young Ash.	None.	10+	C3	40.7	3.6
T260	Ash (Fraxinus excelsior)	S	13	320										5	3.5	4	3	2.5-N	0.5	EM	Minor Ash Dieback.	None.	10+	C1	46.3	3.8
T261	Birch (downy/silver) (Betula pubescens/pendula)	S	13	370										5	6	4	1	4.0-E	4	EM	Leaning stem to north east. Small diameter deadwood.	None.	10+	C3	61.9	4.4
T262	Birch (downy/silver) (Betula pubescens/pendula)	S	11	360										5	3.5	3	3.5	2.5-W	1	EM	No significant defects observed.	None.	10+	C1	58.6	4.3
T263	Pedunculate/common oak (Quercus robur)	S	10	270										5	3	5	4	2.5-W	0.5	SM	No significant defects observed.	None.	10+	C1	33.0	3.2
T264	Ash (Fraxinus excelsior)	M(b)	14	170	140	130	120	120	130	75				4.5	5	3	2	3.0-W	1	EM	Multi-stemmed from base. Minor Ash Dieback. Tall upright stems.	None.	10+	C3	50.6	4.0
T265	Hornbeam (Carpinus betulus)	S	8.5	310										3.5	3.5	3.5	3.5	0.5-W	0.5	EM	Tight form with crowded canopy. Almost fastigiate.	None.	10+	C1	43.5	3.7
T266	Ash (Fraxinus excelsior)	S	12	400										4.5	4.5	4.5	5	0.5-S	0	EM	Minor Ash Dieback.	None.	10+	C1	72.4	4.8
T267	Pedunculate/common oak (Quercus robur)	S	12	360										5.5	5	4.5	4	1.5-E	0	EM	Understorey young Hawthorn. Good form, but reduced vigour.	None.	10+	C1	58.6	4.3
T268	Common alder (Alnus gultinosa)	S	6	170										3	2.5	2.5	2	0.5-W	0.5	SM	No significant defects observed.	None.	10+	C1	13.1	2.0
T269	Pedunculate/common oak (Quercus robur)	S	8	320										4	4	4	4	1.0-W	0	SM	No significant defects observed.	None.	10+	C1	46.3	3.8
T270	Pedunculate/common oak (Quercus robur)	S	15	1060										9.5	9	9.5	9.5	4.0-W	3	OM	Ivy on main stem. Large diameter deadwood throughout. Significant dead limb 4m east. Reduced canopy vigour.	Remove deadwood overhanging road	20+	B1	508.4	12.7
T271	Pedunculate/common oak (Quercus robur)	S	6	110										1.5	1.5	1.5	1.5	2.0-W	2	Y	Growing within hedgerow so access restricted.	None.	10+	C3	5.5	1.3

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T272	Alder (Alnus spp)	S	6	110										1.5	1.5	1.5	1.5	2.0-W	2	Y	Growing within hedgerow so access restricted.	None.	10+	C3	5.5	1.3
T273	other cherry spp (Prunus spp)	S	10	420										4	4.5	4	4.5	2.0-W	2	M	Minor impact damage to southern stem at 2m, almost fully occluded.	None.	10+	C1	79.8	5.0
T274	Pedunculate/common oak (Quercus robur)	S	11	490										5	5.5	4	5	1.5-E	2	EM	No significant defects observed. Good physiological and structure.	None.	20+	B2	108.6	5.9
T275	Alder (Alnus spp)	S	6	110										1.5	1.5	1.5	1.5	2.0-W	2	Y	Growing within hedgerow so access restricted.	None.	10+	C3	5.5	1.3
T276	Hornbeam (Carpinus betulus)	S	8.5	250										3.5	3.5	3	2.5	2.5-W	2	SM	No significant defects observed. Good physiological and structure.	None.	20+	B2	28.3	3.0
T277	Pedunculate/common oak (Quercus robur)	S	13	480										5	5	5	4.5	2.0-E	2	EM	No significant defects observed. Minor impact damage on southern side over road.	Remove damaged limb	20+	B1	104.2	5.8
T278	Pedunculate/common oak (Quercus robur)	S	8	820										2	4	5	3	6.0-S	3	OM	Significant Ivy cover throughout restricted more thorough visual tree assessment. Approx 80% of crown dead.	Remove tree	<10	U	304.2	9.8
T279	Holly species (Ilex spp)	M(a)	10	140	200	180	300	280						4	5	5	4	0-N	0	M	No significant defects observed. Hazel to ground level obscuring base. West side managed as hedgerow to 3m.	None.	10+	C3	117.8	6.1
T280	Ash (Fraxinus excelsior)	S	14	340										5	6	4	0.5	5.0-W	4	SM	Scrub growth at base restricted tree assessment. Ivy on main stem. Minimal evidence of Ash Dieback.	None.	10+	C1	52.3	4.1
T281	Ash (Fraxinus excelsior)	S	20	780										8.5	8.5	8.5	7	6.0-S	2	M	Twin stemmed from 1.5m. Minor Ash Dieback. Union tight, though crown is high in vigour and good in form.	None.	40+	A2	275.3	9.4
T282	Pedunculate/common oak (Quercus robur)	S	14	340										5	5	4	5	3.5-S	2	EM	Good physiology and structure. No access to base. Minor rubbing branches at 6m north.	None.	20+	B2	52.3	4.1
T283	Sycamore (Acer pseudoplatanus)	S	13	340										4.5	6	5	5	3.0-E	1.5	EM	Ivy conversion main stem. No access to base. Minor deadwood in crown. Well distributed canopy.	None.	20+	B2	52.3	4.1
T284	Sycamore (Acer pseudoplatanus)	S	12	360										4	4	4	4	4.0-N	2.5	EM	No significant defects observed. Good physiology and structure.	None.	20+	B2	58.6	4.3
T285	Horse chestnut (Aesculus hippocastanum)	S	13	750										6	6.5	6	6	2.5-W	1.5	M	Cambial damage from 2m to ground level on eastern side. Secondary hardening beginning to fail. Good crown vigour.	None	10+	C1	254.5	9.0
T286	Field maple (Acer campestre)	S	13	300										3.5	2.5	2.5	3	2.0-N	0	M	Growing within hedgerow and epicormic growth managed as such. No major defects observed.	None.	10+	C1	40.7	3.6

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T287	Pedunculate/common oak (Quercus robur)	S	13	510										4	5.5	5	5.5	3.0-S	1.5	EM	Epicormic growth throughout. No major defects observed.	None.	10+	C1	117.7	6.1
T288	Pedunculate/common oak (Quercus robur)	S	16	520										6	5.5	5.5	6	4.0-E	4	M	Utility cable running through south side of crown. Good physiology and structure.	None.	20+	B2	122.3	6.2
T289	Beech (Fagus sylvatica)	S	11	310										3.5	2	4	5.5	5.5-W	2.5	SM	Good physiology and structure. No major defects observed.	None.	20+	B2	43.5	3.7
T290	Beech (Fagus sylvatica)	S	11	330										2.5	3	3.5	3.5	3.0-W	0	EM	Good physiology and structure. No major defects observed. Epicormic growth managed as part of hedgerow. Cavity at 3m south partially occluded. Secondary hardening failed.	None.	10+	C2	49.3	4.0
T291	Pedunculate/common oak (Quercus robur)	S	17	1050										7	6	8.5	7	2.0-N	0	M	2 Large limb losses at 6.5m and 9m south. Large diameter deadwood in crown. Heavy lateral limbs.	None.	20+	B1	498.8	12.6
T292	Scots pine (Pinus sylvestris)	S	18	280										1	1.5	1.5	1	5.0-S	2	EM	Tall slim specimen with weeping branches. No major defects observed. Cambial damage to south side at 0.5m.	None.	10+	C1	35.5	3.4
T293	Beech (Fagus sylvatica)	S	12	470										6.5	6	6.5	6	2.0-N	0	M	Growing on raised bank between road and ditch. Epicormic growth managed as part of hedgerow. Good physiology and structure.	None.	20+	B1	99.9	5.6
T294	Ash (Fraxinus excelsior)	M(b)	12	170	150	230	190	220	130					3.5	4	3	3	2.5-S	2.5	SM	Evidence of Ash Dieback, with sparse foliage in upper crown.	None	10+	C2	89.6	5.3
T295	Field maple (Acer campestre)	S	6	210								110		2.5	3	3	2.5	0.5-W	0.5	EM	Asymmetric crown with poor pruning historicalyl undertaken. Wounds not fully occluded.	None	20+	C2	20.0	2.5
T296	Pedunculate/common oak (Quercus robur)	S	9	90										5	7	6	7.5	1.0-W	2	M	Damage to secondary limb to the northern aspect at 5m above ground. Moderate deadwood throughout and a generally sparse crown.	None	20+	B1	3.7	1.1
T297	Wild cherry/gean (Prunus avium)	S	9.5	240										4.5	3.5	4.5	4	3.0-N	3	M	Minor deadwood throughout, with suppressed secondary limb on east side with weak union.	None.	10+	C1	26.1	2.9
T298	Pedunculate/common oak (Quercus robur)	M(a)	7.5	400	460									2.5	5	5	6	1.5-W	3	M	Decay in base of northern most stem, resulting from previous tear out. Moderate deadwood throughout.	None	20+	B1	168.1	7.3
T299	Field maple (Acer campestre)	S	14	300										3.5	3.5	3.5	3.5	2.5-W	4	M	Compression fork with crack forming from gorund to 2.5m.	None	<10	C1	40.7	3.6
T300	Pedunculate/common oak (Quercus robur)	S	14	600										6	6.5	7.5	6.5	3.0-S	3.5	OM	Minor deadwood throughout and sparse crown. Tree has poor vigour and is of little long term potential.	None	20+	B2	162.9	7.2
T301	Ash (Fraxinus excelsior)	M(b)	14	400	450	200	260	200	220	230				8	9	8	9	0.5-E	5.5	M	Lapsed coppice.	None	10+	C1	248.3	8.9

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T302	Pedunculate/common oak (Quercus robur)	S	14	510										1.5	7.5	6	6.5	4.5-S	5.5	M	Suppressed on northern side, with potneitally undermined roots. Sparse crown with small diameter deadwood.	None	10+	C1	117.7	6.1
T303	Ash (Fraxinus excelsior)	M(a)	13	240	260									4	6	5	4	6.0-E	6	OM	Significant decay to main stem up to 1m. Twin-stemmed tree. Crown looks to be in decline.	Remove tree.	<10	U	56.6	4.2
T304	Field maple (Acer campestre)	S	4	140										2.5	2	2.5	2.5	0.5-N	0.5	Y	Good physiology and structure.	None	10+	C2	8.9	1.7
T305	other species (not in list)	M(b)	4	75	90	90	80	80						3	3	3	3	0.5-N	0.5	M	Large Buddleia on verge.	None	10+	C2	15.6	2.2
T306	Pedunculate/common oak (Quercus robur)	S	17	920										6.5	7	8	6.5	4.0-S	1.5	M	Buzzards nest in upper crown with resident young. Decay cavity in lower main stem 0.5M from ground. Potential bat habitat.	None	20+	B2	383.0	11.0
T307	Sycamore (Acer pseudoplatanus)	M(a)	15	220	240	130								4	4	4	4	0-N	0	SM	Significant Ivy cover throughout restricted more thorough visual tree assessment. Exposed rooting environment. Impact damage from vehicles on west side. Utility cable running through centre of crown.	Sever ivy	10+	C1	55.6	4.2
T308	Sycamore (Acer pseudoplatanus)	S	19	1150										7	7	7.5	7.5	6.0-S	5	M	Tree undergone considerable thinning. Low vigour. Large diameter deadwood on northern aspect.	None.	10+	C1	598.4	13.8
T309	Hazel (Corylus avellana)	M(a)	8	75	75	75	75							3	3	2	2	0-N	0	SM	Coppiced stool. Suppressed by neighbouring Sycamore. Many stems under 75mm.	None.	10+	C3	10.2	1.8
T310	Black walnut (Juglans nigra)	M(a)	14	300	320	340								5.5	6	5.5	5	3.0-S	2.5	M	Multi-stemmed specimen. Access restricted due to location, so base not observed. Minor impact damage to limbs over road.	None	20+	B2	139.4	6.7
T311	English elm (Ulmus procera)	S	7	390										5	2.5	3	3	0-N	0	SM	Lapsed hedgerow tree. Base obscured due to hedgerow. Ivy clad.	None.	10+	C3	68.8	4.7
T312	Ash (Fraxinus excelsior)	S	10	380										4.5	4.5	4.5	4.5	1.5-S	0.5	SM	Standalone tree in scrub area. Base obscured due to this reason. Good physiology and structure.	None.	20+	B2	65.3	4.6
T313	Hawthorn species (Crataegus spp)	M(a)	5	75	75	75								2	2.5	2	2.5	0.5-N	0.5	EM	Tree growing in scrub area so access restricted. No major defects observed.	None.	10+	C2	7.6	1.6
T314	Sycamore (Acer pseudoplatanus)	S	9	270										3	3	3	3	1.0-S	1	SM	Covered in Russian vine. Base obscured due to scrub growth.	None.	10+	C2	33.0	3.2
T315	Goat willow (Salix caprea)	M(a)	8.5	150	170	75	75	100						3	2	3.5	4.5	1.0-W	0.5	EM	No major defects observed.	None.	10+	C3	32.9	3.2
T316	Birch (downy/silver) (Betula pubescens/pendula)	M(a)	17	400	440									4.5	5.5	2.5	3	1.5-E	0	M	Good physiology and structure. Suppressed Hawthorn emerging at base.	None.	20+	B1	160.0	7.1

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T317	Pedunculate/common oak (Quercus robur)	S	12	550										4.5	5.5	5	5	3.0-S	0.5	EM	Good physiology and structure. Pruning wound to north at 2m, partially occluded.	None.	20+	B1	136.9	6.6
T318	Pedunculate/common oak (Quercus robur)	M(a)	11	250	350	270								5	4	5	4.5	0-N	0	SM	Multi-stemmed from base. 2 leader fused at 3m. Low crown form. Growing out of bank.	None.	10+	C3	116.7	6.1
T319	Pedunculate/common oak (Quercus robur)	S	10	370										6	4	5	4.5	2.0-N	2.5	SM	Low vigour specimen. Sparse crown.	None.	10+	C1	61.9	4.4
T320	Hawthorn species (Crataegus spp)	S	8	150										3	3	2	2.5	1.0-N	0.5	EM	Good physiology and structure.	None.	20+	B2	10.2	1.8
T321	Pedunculate/common oak (Quercus robur)	S	9	210										4.5	4	4.5	3	1.5-W	0.5	SM	Suppressed by neighbouring trees. No major defects observed.	None.	10+	C3	20.0	2.5
T322	Pedunculate/common oak (Quercus robur)	S	8	200										2	1.5	1	1.5	1.0-N	0.5	SM	Suppressed specimen. No major defects observed.	None.	10+	C3	18.1	2.4
T323	Pedunculate/common oak (Quercus robur)	S	10	420										7	5	6	4.5	1.0-N	0	EM	Stem measured at 1m. Suppressed slightly by neighbouring trees.	None.	10+	C3	79.8	5.0
T324	Pedunculate/common oak (Quercus robur)	S	8	380										5.5	4	3.5	1	1.0-N	0.5	EM	Suppressed slightly by neighbouring trees. Of no long term potential.	None.	10+	C3	65.3	4.6
T325	Field maple (Acer campestre)	S	8	430										6	4.5	5	3.5	0.5-N	0.5	SM	Congested crown. Fair form with minor rubbing branches.	None.	10+	C1	83.7	5.2
T326	Ash (Fraxinus excelsior)	S	9	320										6	4.5	4.5	4	1.5-N	1	SM	Sparse crown with early signs of Dieback with associated small diameter deadwood.	None.	10+	C3	46.3	3.8
T327	Pedunculate/common oak (Quercus robur)	S	9	310										5	3	4.5	4.5	1.0-N	0	SM	Undiagnosed bleeding lesions on stem, possible Acute Oak decline.	None	10+	C1	43.5	3.7
T328	Pedunculate/common oak (Quercus robur)	S	9	360										4	4	4	3	1.0-N	1	SM	Good physiology and structure.	None.	10+	C1	58.6	4.3
T329	Pedunculate/common oak (Quercus robur)	S	9	410										6	4	4.5	5	1.0-N	1	SM	Good physiology and structure.	None.	10+	C1	76.1	4.9
T330	Pedunculate/common oak (Quercus robur)	S	9	410										4.5	4.5	4.5	4.5	1.0-N	1	SM	Good physiology and structure.	None.	10+	C1	76.1	4.9
T331	Pedunculate/common oak (Quercus robur)	S	9	420										3.5	3.5	3.5	2	1.0-N	1	SM	Good physiology and structure.	None.	10+	C1	79.8	5.0

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T332	other cherry spp (Prunus spp)	S	8.5	290										4.5	4.5	4	4	1.0-W	1.5	EM	Early signs of Bleeding Canker to north. Significant Caterpillar damage to leaves.	None	10+	C2	38.1	3.5
T333	Pedunculate/common oak (Quercus robur)	S	10	370										4.5	4.5	4.5	4.5	1.5-S	2	SM	Good physiology and structure. Base obscured due to scrub.	None.	20+	B2	61.9	4.4
T334	Pedunculate/common oak (Quercus robur)	S	11	410										8.5	4.5	4.5	6	3.0-W	1.5	M	Loss of main leader at 5m. Heavy lateral limbs. Minor deadwood.	None.	10+	C1	76.1	4.9
T335	Field maple (Acer campestre)	S	7	280										4	4	4	4	2.5-S	1	M	Root exposure to south. Lapsed hedgerow tree with large stem base.	None.	10+	C1	35.5	3.4
T336	Field maple (Acer campestre)	S	7	280										5	5	5	5	2.5-S	1	M	Root exposure to south. Lapsed hedgerow tree with large stem base.	None.	10+	C1	35.5	3.4
T337	Field maple (Acer campestre)	S	5.5	250										4	4	4	4	2.5-S	1	M	Root exposure to south. Lapsed hedgerow tree with large stem base.	None.	10+	C1	28.3	3.0
T338	Holly species (Ilex spp)	S	7.5	170										1.5	1.5	1.5	1.5	2.5-N	0.5	SM	Lapsed hedgerow tree.	None.	10+	C3	13.1	2.0
T339	Sycamore (Acer pseudoplatanus)	S	14	440										6.5	6.5	8	8	2.0-N	0	M	Significant suckering to base obscured view. Utility cable running through eastern side of crown. No major defects observed.	None.	20+	B1	87.6	5.3
T340	Small-leaved lime (Tilia cordata)	S	18	570										6.5	6	4.5	6	0-N	0	OM	Significant Ivy cover throughout and epicormic growth to base obscured more thorough visual tree assessment. Previous limb and possibly leader failures.	None.	10+	C1	147.0	6.8
T341	Turkey oak (Quercus cerris)	S	22	1170										11	6	9.5	10	6.0-W	0.5	OM	Loss of 50% of crown due to failure at 5m east. Crown arches to west over track and utility cable.	None	10+	C1	619.4	14.0
T342	Turkey oak (Quercus cerris)	S	23	1200										7	8	11	9	4.0-E	1.5	M	Ivy clad stem restricted more thorough visual tree assessment.	Sever Ivy at base	40+	A2	651.5	14.4
T343	Pedunculate/common oak (Quercus robur)	S	18	640										9	6	3	6.5	4.5-N	0.5	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. Stem bias to north due to proximity to neighbouring trees.	Sever Ivy at base	10+	C1	185.3	7.7
T344	Turkey oak (Quercus cerris)	S	25	1100										9	11	10	10	6.0-E	2.5	M	One central leader has vertical decay for approx 3m with light visible through centre. Large diameter deadwood to south.	None.	40+	A2	547.5	13.2
T345	Field maple (Acer campestre)	S	9	320										2.5	2.5	2.5	2.5	2.5-E	0	SM	Lapsed hedgerow tree.	None.	10+	C2	46.3	3.8
T346	Pedunculate/common oak (Quercus robur)	S	24	960										7	7	6	7	3.5-E	2	M	Good physiology and structure.	None.	40+	A1	417.0	11.5

Tree Ref No.	Species	Single or Multiple Stem (S or M)	Height (m)	Stem Diameter (mm) S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	Branch Spread (m) N	E	S	W	Crown Clearance (m) (1)	(2)	Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area (m^2)	(radius in m)
T347	Pedunculate/common oak (Quercus robur)	S	23	1300										10	10	13	11	3.0-N	0	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. Good physiology and structure.	Sever Ivy	40+	A1	707.0	15.0
T348	Pedunculate/common oak (Quercus robur)	S	15	950										8	7.5	7.5	7.5	3.5-S	1	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. Good physiology and structure. Some small diameter deadwood throughout.	Sever Ivy	40+	A1	408.3	11.4
T349	Pedunculate/common oak (Quercus robur)	S	16	970										7	8	8.5	7	3.0-S	2.5	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. Good physiology and structure.	Sever Ivy	40+	A1	425.7	11.6
T350	Pedunculate/common oak (Quercus robur)	S	9.5	1050										5	5	5	5	2.0-S	2	OM	Base obscured due to location within hedgerow. Compact crown with some large diameter deadwood.	None	40+	A1	498.8	12.6
T351	Pedunculate/common oak (Quercus robur)	S	17	1100										7	8.5	8.5	11	3.5-N	0	M	Epicormic growth to base of stem. Open crown with good physiology and structure.	None.	40+	A2	547.5	13.2
T352	Pedunculate/common oak (Quercus robur)	S	14	900										6	6.5	6.5	6	0.5-N	0	OM	Significant epicormic growth to base of stem, obscured view. Large diameter deadwood throughout crown, indicating tree is in decline.	None.	20+	B3	366.5	10.8
T353	Pedunculate/common oak (Quercus robur)	S	11	340										5.5	5.5	5.5	5.5	2.0-E	0.5	SM	Base obscured due to scrub growth. Good physiology and structure.	None.	20+	B1	52.3	4.1
T354	Ash (Fraxinus excelsior)	M(a)	13	200	230									5	5	5	5	3.0-W	3.5	SM	Base obscured due to scrub growth. Minor Ash Dieback present. Twin stemmed from base.	None	10+	C1	42.0	3.7
T355	Pedunculate/common oak (Quercus robur)	S	11	280										5	4	5	4	1.5-N	0.5	SM	Base obscured due to scrub growth. Suppressed slightly by neighbouring trees.	None.	10+	C1	35.5	3.4
T356	Pedunculate/common oak (Quercus robur)	S	11	300										4.5	3	1.5	4.5	0.5-W	2	SM	Base obscured due to scrub growth. Suppressed slightly by neighbouring trees.	None.	10+	C1	40.7	3.6
T357	Pedunculate/common oak (Quercus robur)	S	11	300										1.5	4	5	4.5	0.5-W	2	SM	Base obscured due to scrub growth. Suppressed slightly by neighbouring trees.	None.	10+	C1	40.7	3.6
T358	Pedunculate/common oak (Quercus robur)	S	11	430										4.5	4	5	3.5	1.5-S	1	SM	No major defects observed. Good physiology and structure.	None.	20+	B2	83.7	5.2
T359	Pedunculate/common oak (Quercus robur)	S	11	430										7	5	4.5	7.5	1.0-W	0.5	SM	Heavy lateral branch to north. No major defects observed.	None.	10+	C1	83.7	5.2
T360	Horse chestnut (Aesculus hippocastanum)	S	10	250										2	3	2	3	0-S	0.5	SM	Base obscured due to scrub growth. Of fastigiate form.	None.	10+	C1	28.3	3.0
T361	Beech (Fagus sylvatica)	S	14	400										5	4	4.5	4.5	2.0-W	1	SM	Base obscured due to scrub growth. Bark included union at 1.5m.	None.	10+	C1	72.4	4.8

Tree Ref No.	Species	Single or Multiple Stem (S or M)	Height (m)	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
				S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T362	Sycamore (Acer pseudoplatanus)	M(a)	12	470	230									5.5	7	6	6.5	1.5-W	0.5	EM	Second stem leaning south towards existing A47. No major defects observed.	None.	10+	C1	123.9	6.3
T363	Sycamore (Acer pseudoplatanus)	M(a)	10	300	190									4.5	4.5	4.5	4.5	1.5-W	1.5	SM	Growing within hedgerow so access restricted. Suckering.	None.	10+	C2	57.1	4.3
T364	Sycamore (Acer pseudoplatanus)	S	10	300										4.5	4.5	4.5	4.5	1.5-W	1.5	SM	Growing within hedgerow so access restricted. Suckering.	None.	10+	C2	40.7	3.6
T365	Beech (Fagus sylvatica)	S	18	740										7.5	7.5	7.5	7.5	0.5-N	0	EM	Copper Beech. Good physiology and structure. Low level crown with upright leader.	None.	40+	A2	247.8	8.9
T366	Hawthorn species (Crataegus spp)	S	6	200										3	3	3	3	1.0-E	0	SM	No major defects observed.	None.	10+	C2	18.1	2.4
T367	Ash (Fraxinus excelsior)	S	13	450										5	5	5	6	2.0-W	0.5	EM	Minor Ash Dieback noted. Low crown form.	None	10+	C1	91.6	5.4
T368	Pedunculate/common oak (Quercus robur)	S	14	590										7	7	7	7	1.0-E	0	EM	Crown at ground level to south, east and north. No major defects observed.	None.	20+	B2	157.5	7.1
T369	Pedunculate/common oak (Quercus robur)	S	15	1100										6.5	6.5	6.5	6.5	0.5-E	0	M	Significant Ivy cover throughout restricted more thorough visual tree assessment.	Sever Ivy	40+	A3	547.5	13.2
T370	Pedunculate/common oak (Quercus robur)	S	16	1250										9	7.5	8	9	1.5-E	1.5	OM	Slight hollowing to main stem due to removed limb. Large diameter deadwood in crown. Reduced vigour.	None.	20+	B3	707.0	15.0
T371	Field maple (Acer campestre)	M(b)	10	280	270	270	250	250	150					8	5.5	5.5	9	0-N	0	M	Epicormic growth managed as a hedgerow. No major defects observed.	None.	20+	B2	162.9	7.2
T372	Goat willow (Salix caprea)	M(b)	8.5	75	75	75	75							4	4	4	4	0-N	0	SM	Scrub growth at base of stem restricted more thorough visual tree assessment. Form typical of species.	None.	10+	C3	10.2	1.8
T373	other pines (Pinus spp)	S	18	550										3.5	3.5	3.5	4	3.0-W	2	EM	Deadwood to eastern aspect due to proximity to neighbouring trees. No major defects observed.	None.	20+	B1	136.9	6.6
T374	other pines (Pinus spp)	S	18	630										5	6	6	2	3.0-N	0.5	M	Heavy lateral limbs. No major defects observed.	None.	20+	B1	179.6	7.6
T375	Pedunculate/common oak (Quercus robur)	S	11	310										1	7	3.5	1	1.5-E	0	SM	Suppressed specimen. Of little long term potential.	None.	10+	C3	43.5	3.7
T376	European larch (Larix decidua)	S	6	210										0	0	0	0	4.5-N	0.5	SM	Dead tree.	None.	<10	U	20.0	2.5

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T377	other pines (Pinus spp)	S	18	580										4	3	5	4.5	2.5-W	1.5	M	Good physiology and structure. No major defects observed.	None.	20+	B1	152.2	7.0
T378	European larch (Larix decidua)	S	12	290										0	3	3	1	7.0-E	7	SM	Suppressed tree with minimal growth at crown tip.	None.	10+	C3	38.1	3.5
T379	other pines (Pinus spp)	S	16	420										2.5	6	3.5	1	1.5-E	1	EM	Crown bias to east due to proximity to other trees to west. No obvious defects observed.	None.	10+	C1	79.8	5.0
T380	other pines (Pinus spp)	S	11	360										1.5	3.5	2.5	2.5	4.5-S	3	SM	Suppressed specimen. No major defects observed.	None.	10+	C1	58.6	4.3
T381	European larch (Larix decidua)	S	15	350										2	4	5	4.5	2.0-S	1.5	EM	No significant defects observed.	None.	10+	C1	55.4	4.2
T382	other pines (Pinus spp)	S	10	290										3.5	2.5	1.5	1.5	0.5-E	0.5	SM	No significant defects observed.	None.	10+	C2	38.1	3.5
T383	other pines (Pinus spp)	S	10	300										4	0.5	0.5	4	3.5-W	1.5	SM	Tree leaning north. Of little long term potential.	None.	10+	C2	40.7	3.6
T384	other pines (Pinus spp)	S	18	460										6.5	6	5	6	4.0-W	2	M	Excellent physiology and structure.	None.	40+	A1	95.7	5.5
T385	other pines (Pinus spp)	S	18	410										4	4	3	4	7.0-N	7.5	EM	Good physiology and structure. No major defects observed.	None.	20+	B1	76.1	4.9
T386	Pedunculate/common oak (Quercus robur)	S	16	620										7	8	7	3	2.5-S	3	EM	Fused limbs at 2m. Minor rubbing branches. Close proximity to road.	None.	10+	C1	173.9	7.4
T387	Pedunculate/common oak (Quercus robur)	S	11	250										7	0.5	7	4	2.5-S	2	SM	Suppressed specimen. No major defects observed.	None.	10+	C3	28.3	3.0
T388	Pedunculate/common oak (Quercus robur)	S	11	280										6.5	3	7	6	5.0-S	4	SM	Suppressed specimen. No major defects observed.	None.	10+	C3	35.5	3.4
T389	Ash (Fraxinus excelsior)	S	13	340										4	6	5	5	2.0-E	2	EM	Good physiology and structure. No Ash Dieback noted.	None.	10+	C1	52.3	4.1
T390	Ash (Fraxinus excelsior)	M(b)	13	380	290	260	260	150	150					5	5	6	5	1.5-E	2	EM	Multi-stemmed from base. Early signs of Ash Dieback.	None.	10+	C1	167.4	7.3
T391	Field maple (Acer campestre)	S	12	350										3.5	4	3.5	3.5	1.5-E	2	EM	Tree growing within hedgerow so access restricted. Epicormic growth managed as part of hedgerow.	None.	20+	B1	55.4	4.2

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T392	Hawthorn species (Crataegus spp)	S	10	380										3	3	3	3	1.0-W	2.5	M	Growing within hedgerow so access restricted. Excellent physiology and structure.	None.	20+	B2	65.3	4.6
T393	Field maple (Acer campestre)	M(a)	10	330	420									3.5	2	3.5	3.5	1.0-W	0	M	Significant Ivy cover throughout restricted more thorough visual tree assessment.	None.	10+	C2	129.1	6.4
T394	Field maple (Acer campestre)	M(a)	12	420	430									4	4.5	5.5	2	1.0-E	0.5	M	Significant Ivy cover throughout restricted more thorough visual tree assessment.	None.	10+	C2	163.5	7.2
T395	Ash (Fraxinus excelsior)	M(a)	19	380	300	360	150	200						7	6.5	7	6.5	0.5-N	2.5	M	Ivy clad tree with no access to base.	None.	10+	C1	193.0	7.8
T396	Hawthorn species (Crataegus spp)	M(a)	12	120	75	200	100							5	4	4	6	2.0-N	1	M	Access restricted.	None.	10+	C2	31.7	3.2
T397	Ash (Fraxinus excelsior)	S	16	440										6	5	6	5	5.0-N	3	M	Scrub growth at base of tree restricted more thorough visual tree assessment. Early signs of Ash Dieback.	None.	10+	C2	87.6	5.3
T398	Ash (Fraxinus excelsior)	M(a)	20	450	520									7	8	8.5	9	1.5-S	3	M	Multi-stemmed from base. Growing on side of bank.	None.	20+	B2	214.0	8.3
T399	Pedunculate/common oak (Quercus robur)	S	13	500										8.5	8	8	8.5	1.5-E	1	M	Access restricted due to location. Declining main stem. Younger lower growth remaining vigorous.	None.	10+	C3	113.1	6.0
T400	Pedunculate/common oak (Quercus robur)	S	10	480										0	0	1	3.5	8.0-W	8	OM	Tree very nearly dead. Minimum growth at 8m.	None.	<10	U	104.2	5.8
T401	English elm (Ulmus procera)	S	8	110										1.5	1.5	1.5	1.5	2.0-N	2	SM	Dead tree.	None.	<10	U	5.5	1.3
T402	Norway spruce (Picea abies)	S	4	75										1	1	0.5	1	0.5-N	0.5	Y	No significant defects observed.	None.	10+	C2	2.5	0.9
T403	Pedunculate/common oak (Quercus robur)	S	14	670										4.5	4.5	4	6.5	2.5-N	1	M	Historic limb failure to north at 4.5m. Suspected decay to base of tree to east due to considerable organic matter being placed against stem.	None	10+	C1	203.1	8.0
T404	Field maple (Acer campestre)	M(b)	13	300	75	150	150	200	170					5	5.5	3	4.5	0.5-S	0.5	M	Access restricted due to reclamation yard belongings. Significant Ivy cover throughout.	None.	10+	C2	82.3	5.1
T405	Field maple (Acer campestre)	M(a)	12	400	320	200								3	7	6	6	0.5-S	0	M	Tight union between individual stems.	None.	10+	C2	136.8	6.6
T406	Field maple (Acer campestre)	M(b)	12	220	170	300	250	350	280	270				7	5	7	7	1.5-W	1	M	Growing on side of bank to west. No major defects observed.	None.	20+	B2	218.8	8.3

Tree Ref No.	Species	Single or Multiple Stem (S or M)	Height (m)	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
				S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T407	Common walnut (Juglans regia)	M(a)	10	340	390									5.5	5.5	5	4	3.0-S	2	EM	Multi-stemmed from 1m. Of low vigour. Tight union between stems.	None.	10+	C1	121.1	6.2
T408	Crab apple (Malus sylvestris)	S	11	260										6	4.5	4.5	5	1.5-N	2.5	M	Lapsed hedgerow tree. No major defects observed.	None.	20+	B2	30.6	3.1
T409	Pedunculate/common oak (Quercus robur)	S	14	820										8.5	6	7	6	4.0-N	2.5	M	Significant epicormic growth on main stem restricted more thorough visual tree assessment. Leader lost at 6m.	None.	20+	B3	304.2	9.8
T410	Pedunculate/common oak (Quercus robur)	S	10	940										7	6.5	6	6	2.0-N	3	M	Base obscured due to scrub growth. No obvious defects observed.	None.	20+	B2	399.8	11.3
T411	Field maple (Acer campestre)	M(a)	8	360	170									6	4.5	4	5	2.0-E	0	M	Base obscured due to scrub growth. Significant Ivy cover further restricted more thorough visual tree assessment.	None.	10+	C3	71.7	4.8
T412	Ash (Fraxinus excelsior)	S	12	440										5	4.5	5	3	6.0-N	2	EM	Significant decline in crown due to Ash Dieback. Ivy clad tree so base obscured.	Reduce to 5m	<10	U	87.6	5.3
T413	Field maple (Acer campestre)	M(a)	11	220	180									5	4.5	4	4	2.0-W	1	EM	Base obscured due to scrub growth. Significant Ivy cover throughout restricted more thorough visual tree assessment.	None.	10+	C2	36.6	3.4
T414	Field maple (Acer campestre)	M(b)	9	150	140	140	130	75	200	190				5	5	3.5	5	0.5-N	0	EM	Base obscured due to scrub growth. No obvious signs of defects.	None.	10+	C3	67.9	4.6
T415	Ash (Fraxinus excelsior)	S	10	350										2.5	4	4	4	2.0-S	1.5	EM	Access restricted so measurements estimated.	None.	10+	C2	55.4	4.2
T416	Common walnut (Juglans regia)	M(a)	14	420	280									5.5	5	5	5	3.0-W	1.5	EM	No major defects observed.	None.	20+	B1	115.3	6.1
T417	Norway maple (Acer platanoides)	M(a)	5.5	75	75									1	1	1	1	0.5-W	0.5	Y	Multi-stemmed from base. Growing against utility switch box.	None.	10+	C2	5.1	1.3
T418	Silver birch (Betula pendula)	S	11	390										3.5	3	2	3.5	4.0-S	4	M	No significant defects observed. Flush cut pruning wounds.	None.	10+	C2	68.8	4.7
T419	other cherry spp (Prunus spp)	S	6.5	260										2	3	3	3	1.5-S	1	EM	No major defects observed. Crowded stem with tight unions which is typical of species.	None.	10+	C2	30.6	3.1
T420	Pedunculate/common oak (Quercus robur)	S	7.5	120										3	2	1.5	2	1.5-N	1.5	Y	No significant defects observed.	None.	10+	C2	6.5	1.4
T421	Sycamore (Acer pseudoplatanus)	M(a)	10	260	75	75	75							5	4	4	3.5	1.5-N	0.5	SM	Coppiced regeneration growth with Ivy clad stem.	None.	10+	C2	38.2	3.5

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T422	Sycamore (Acer pseudoplatanus)	S	10	440										3.5	4	5	5.5	1.0-E	0.5	SM	Significant Ivy cover throughout restricted more thorough visual tree assessment.	None.	10+	C2	87.6	5.3
T423	Scots pine (Pinus sylvestris)	S	14	460										4.5	9	4.5	5.5	2.0-E	3	M	Loss of apical control and loss of large limb 3m east, with additional failures throughout crown.	Reduce eastern limb by 4m	10+	C3	95.7	5.5
T424	Ash (Fraxinus excelsior)	S	9	440										3.5	3.5	3	3	2.0-N	1	Y	Standalone tree. No major defects observed.	None.	10+	C2	87.6	5.3
T425	Field maple (Acer campestre)	S	6.5	170										3	3	3	3	1.0-S	1	SM	Scrub area to base restricted more thorough visual tree assessment. No major defects observed.	None.	10+	C2	13.1	2.0
T426	Ash (Fraxinus excelsior)	M(a)	9	130	120	130	75	75						4	3	3	3	1.5-E	1	SM	Access restricted due to scrub growth. Early signs of Ash dieback.	None.	10+	C3	26.9	2.9
T427	Hawthorn species (Crataegus spp)	S	5	120										2	2	2	2	0-N	0	SM	Scrub growth at base of tree restricted more thorough visual tree assessment.	None.	10+	C3	6.5	1.4
T428	Hawthorn species (Crataegus spp)	S	5	120										2	2	2	2	0-N	0	SM	Scrub growth at base of tree restricted more thorough visual tree assessment.	None.	10+	C3	6.5	1.4
T429	Hawthorn species (Crataegus spp)	S	5	120										2	2	2	2	0-N	0	SM	Scrub growth at base of tree restricted more thorough visual tree assessment.	None.	10+	C3	6.5	1.4
T430	Hawthorn species (Crataegus spp)	S	5	120										2	2	2	2	0-N	0	SM	Scrub growth at base of tree restricted more thorough visual tree assessment.	None.	10+	C3	6.5	1.4
T431	Hawthorn species (Crataegus spp)	S	5	120										2	2	2	2	0-N	0	SM	Scrub growth at base of tree restricted more thorough visual tree assessment.	None.	10+	C3	6.5	1.4
T432	Hawthorn species (Crataegus spp)	S	5	120										2	2	2	2	0-N	0	SM	Scrub growth at base of tree restricted more thorough visual tree assessment.	None.	10+	C3	6.5	1.4
T433	Hawthorn species (Crataegus spp)	S	5	120										2	2	2	2	0-N	0	SM	Scrub growth at base of tree restricted more thorough visual tree assessment.	None.	10+	C3	6.5	1.4
T434	Hawthorn species (Crataegus spp)	S	5	120										2	2	2	2	0-N	0	SM	Scrub growth at base of tree restricted more thorough visual tree assessment.	None.	10+	C3	6.5	1.4
T435	Hawthorn species (Crataegus spp)	S	5	120										2	2	2	2	0-N	0	SM	Scrub growth at base of tree restricted more thorough visual tree assessment.	None.	10+	C3	6.5	1.4
T436	Hawthorn species (Crataegus spp)	S	5	120										2	2	2	2	0-N	0	SM	Scrub growth at base of tree restricted more thorough visual tree assessment.	None.	10+	C3	6.5	1.4

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T437	Hawthorn species (Crataegus spp)	S	5	120										2	2	2	2	0-N	0	SM	Scrub growth at base of tree restricted more thorough visual tree assessment.	None.	10+	C3	6.5	1.4
T438	Hawthorn species (Crataegus spp)	S	5	120										2	2	2	2	0-N	0	SM	Scrub growth at base of tree restricted more thorough visual tree assessment.	None.	10+	C3	6.5	1.4
T439	Pedunculate/common oak (Quercus robur)	S	7	270										3.5	3.5	3.5	3.5	1.0-N	1	SM	No major defects observed.	None.	10+	C2	33.0	3.2
T440	Pedunculate/common oak (Quercus robur)	S	7	250										3.5	3.5	3.5	3.5	1.0-N	1	SM	No major defects observed.	None.	10+	C2	28.3	3.0
T441	Pedunculate/common oak (Quercus robur)	S	7	250										3.5	3.5	3.5	3.5	1.0-N	1	SM	No major defects observed.	None.	10+	C2	28.3	3.0
T442	Pedunculate/common oak (Quercus robur)	S	12	640										7	7.5	7.5	7.5	0.5-E	0.5	M	No significant defects observed. Possible memorial site at base.	None.	20+	B3	185.3	7.7
T443	Pedunculate/common oak (Quercus robur)	S	11	390										6.5	6.5	6.5	6.5	1.0-E	0	SM	Low crown form. No major defects observed.	None.	10+	C1	68.8	4.7
T444	Pedunculate/common oak (Quercus robur)	S	9	420										3.5	4.5	5	4	0.5-W	0	SM	No major defects observed.	None.	10+	C1	79.8	5.0
T445	Pedunculate/common oak (Quercus robur)	S	9	580										7	6.5	6	6	0.5-E	0	EM	No major defects observed.	None.	10+	C3	152.2	7.0
T446	Sycamore (Acer pseudoplatanus)	S	8	160										3	2	2	3	0.5-N	0.5	SM	No major defects observed.	None.	10+	C2	11.6	1.9
T447	Sycamore (Acer pseudoplatanus)	S	8	140										2.5	2.5	2.5	2.5	0.5-N	0.5	SM	No major defects observed.	None.	10+	C2	8.9	1.7
T448	Hawthorn species (Crataegus spp)	S	5	120										2	2	2	2	0-N	0	SM	Scrub growth at base of tree restricted more thorough visual tree assessment.	None.	10+	C3	6.5	1.4
T449	Pedunculate/common oak (Quercus robur)	S	8.5	400										3.5	4.5	5	4	0.5-W	0	SM	No major defects observed.	None.	10+	C1	72.4	4.8
T450	Sycamore (Acer pseudoplatanus)	S	8	140										2.5	2.5	2.5	2.5	0.5-N	0.5	SM	No major defects observed.	None.	10+	C2	8.9	1.7
T451	Pedunculate/common oak (Quercus robur)	S	8	140										2.5	2	1	2.5	0.5-N	0.5	SM	No major defects observed.	None.	10+	C2	8.9	1.7

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T452	Hawthorn species (Crataegus spp)	S	5	120										2	2	2	2	0-N	0	SM	Scrub growth at base of tree restricted more thorough visual tree assessment.	None.	10+	C3	6.5	1.4
T453	Hawthorn species (Crataegus spp)	S	5	120										2	2	2	2	0-N	0	SM	Scrub growth at base of tree restricted more thorough visual tree assessment.	None.	10+	C3	6.5	1.4
T454	Pedunculate/common oak (Quercus robur)	M(a)	17	420	380									5	4	9	4	0.5-S	0	M	Tight union formation. Located on bank with branches descending into lower level.	None.	10+	C3	145.1	6.8
T455	Pedunculate/common oak (Quercus robur)	S	7	170										2.5	2.5	2.5	2.5	1.0-E	0.5	SM	No major defects observed.	None.	10+	C3	13.1	2.0
T456	Hawthorn species (Crataegus spp)	S	7	170										2.5	2.5	2.5	2.5	1.0-E	0.5	SM	No major defects observed.	None.	10+	C3	13.1	2.0
T457	Hawthorn species (Crataegus spp)	S	7	170										2.5	2.5	2.5	2.5	1.0-E	0.5	SM	No major defects observed.	None.	10+	C3	13.1	2.0
T458	Hawthorn species (Crataegus spp)	S	7	170										2.5	2.5	2.5	2.5	1.0-E	0.5	SM	No major defects observed.	None.	10+	C3	13.1	2.0
T459	Hawthorn species (Crataegus spp)	S	7	170										2.5	2.5	2.5	2.5	1.0-E	0.5	SM	No major defects observed.	None.	10+	C3	13.1	2.0
T460	Pedunculate/common oak (Quercus robur)	S	7	170										2.5	2.5	2.5	2.5	1.0-E	0.5	SM	No major defects observed.	None.	10+	C3	13.1	2.0
T461	Pedunculate/common oak (Quercus robur)	S	7	170										2.5	2.5	2.5	2.5	1.0-E	0.5	SM	No major defects observed.	None.	10+	C3	13.1	2.0
T462	Ash (Fraxinus excelsior)	M(a)	8.5	170	180									2.5	1.5	1.5	2	1.0-W	1	SM	Tight union at 0.5m.	None.	10+	C2	27.7	3.0
T463	Hawthorn species (Crataegus spp)	S	5	120										2	2	2	2	0-N	0	SM	Scrub growth at base of tree restricted more thorough visual tree assessment.	None.	10+	C3	6.5	1.4
T464	Hawthorn species (Crataegus spp)	S	5	120										2	2	2	2	0-N	0	SM	Scrub growth at base of tree restricted more thorough visual tree assessment.	None.	10+	C3	6.5	1.4
T465	Ash (Fraxinus excelsior)	S	8	150										1.5	0.5	0.5	0.5	1.5-N	1	SM	Ash Dieback present.	None.	<10	U	10.2	1.8
T466	Ash (Fraxinus excelsior)	M(a)	8.5	170	180									2.5	1.5	1.5	2	1.0-W	1	SM	Tight union at 0.5m.	None.	10+	C2	27.7	3.0

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T467	Field maple (Acer campestre)	S	7	220										2.5	2.5	2	2.5	1.0-E	1.5	SM	Good physiology and structure. Of potential.	None.	10+	C3	21.9	2.6
T468	Ash (Fraxinus excelsior)	S	8.5	190	180									2.5	2	2.5	2	1.0-W	1	SM	Base obscured due to scrub.	None.	10+	C2	16.3	2.3
T469	Ash (Fraxinus excelsior)	S	8.5	190	180									2.5	2	2.5	2	1.0-W	1	SM	Base obscured due to scrub.	None.	10+	C2	16.3	2.3
T470	Pedunculate/common oak (Quercus robur)	M(a)	12	360	240	150								7	6	6.5	7	0.5-N	0.5	SM	Very poor form with large union inclusion on centre stem. Semi fused limbs and rubbing throughout crown.	None.	<10	U	94.9	5.5
T471	Pedunculate/common oak (Quercus robur)	S	11	260										5	5	5	3	2.0-S	1	SM	Partially suppressed due to neighbouring trees. No obvious signs of defects.	None.	10+	C2	30.6	3.1
T472	Pedunculate/common oak (Quercus robur)	S	13	350	230	75	75							5	6.5	6	6	2.5-N	1	SM	Multi-stemmed from base. Partially suppressed crown form.	None.	10+	C2	55.4	4.2
T473	Pedunculate/common oak (Quercus robur)	M(a)	13	500	360									7.5	6	8	8.5	1.5-N	0.5	EM	Multi-stemmed from base. Smaller stem leaning heavily to the west. Exposed roots to west too.	None.	10+	C3	171.7	7.4
T474	Field maple (Acer campestre)	M(a)	12	150	200	100	120	280						4	4.5	4.5	4.5	1.0-N	0.5	SM	Epicormic growth managed like a hedgerow. Close stems rubbing throughout.	None.	10+	C3	74.8	4.9
T475	Field maple (Acer campestre)	M(a)	10	150	170	200	75							5	5	5	5	0.5-E	0.5	SM	Lapsed hedgerow tree. No obvious defects observed.	None.	10+	C1	43.9	3.7
T476	Sycamore (Acer pseudoplatanus)	M(a)	9	170	130	170	230							4	3	3.5	3.5	0.5-S	0.5	SM	Multi-stemmed from base. Roots exposed to east.	None.	10+	C3	57.7	4.3
T477	Pedunculate/common oak (Quercus robur)	S	19	820										9	8	8	8	2.0-W	1	M	No major defects observed.	None.	20+	B3	304.2	9.8
T478	Field maple (Acer campestre)	M(a)	12	300	300	150	200							5	3.5	5	5	0.5-S	0	M	Lapsed hedgerow tree.	None.	10+	C1	109.7	5.9
T479	Field maple (Acer campestre)	M(a)	12	300	300	150	200							5	3.5	5	5	0.5-S	0	M	Lapsed hedgerow tree.	None.	10+	C1	109.7	5.9
T480	Field maple (Acer campestre)	M(a)	8	200	180	150	140	100						5	3.5	5	5	0.5-S	0	M	Lapsed hedgerow tree.	None.	10+	C1	56.3	4.2
T481	Field maple (Acer campestre)	M(a)	8	200	180	150	140	100						5	3.5	5	3.5	0.5-S	0	M	Lapsed hedgerow tree.	None.	10+	C1	56.3	4.2

Tree Ref No.	Species	Single or Multiple Stem (S or M)	Height (m)	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
				S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T482	Field maple (Acer campestre)	M(b)	8	200	180	160	140	120	90					5	3.5	5	5	0.5-S	0	M	Lapsed hedgerow tree.	None.	10+	C1	59.7	4.4
T483	Field maple (Acer campestre)	M(a)	8	220	180	170	80	100						5	3.5	5	3.5	0.5-S	0	M	Lapsed hedgerow tree.	None.	10+	C1	57.1	4.3
T484	Field maple (Acer campestre)	S	12	450										4.5	4	5.5	4.5	1.0-N	0.5	M	Epicormic growth throughout main stem.	None.	20+	B2	91.6	5.4
T485	Pedunculate/common oak (Quercus robur)	S	17	800										8	8	9	10	3.0-W	4.5	M	Good physiology and structure. No major defects observed.	None.	40+	A2	289.6	9.6
T486	Pedunculate/common oak (Quercus robur)	S	17	800										7.5	8	6	11	3.0-W	5	M	Good physiology and structure. No major defects observed.	None.	40+	A2	289.6	9.6
T487	Pedunculate/common oak (Quercus robur)	S	17	740										6.5	3	5	9	3.0-W	5	M	Good physiology and structure. No major defects observed.	None.	20+	B2	247.8	8.9
T488	Pedunculate/common oak (Quercus robur)	S	12	460										8	2	7	7	4.0-N	5.5	EM	No major defects observed. Compact crown.	None.	10+	C1	95.7	5.5
T489	Pedunculate/common oak (Quercus robur)	S	23	1200										11	7	11	11	5.0-W	5	M	Deadwood throughout crown. No obvious defects observed.	None.	40+	A1	651.5	14.4
T490	Pedunculate/common oak (Quercus robur)	S	23	1200										9	9	9	7.5	3.5-W	2.5	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. Minor deadwood throughout.	Sever Ivy at base	40+	A1	651.5	14.4
T491	Pedunculate/common oak (Quercus robur)	S	16	1200										7.5	7.5	7.5	7.5	3.0-E	3	OM	Crown retrenching to create compact growth form. Large diameter deadwood to outer crown.	None.	20+	B3	651.5	14.4
T492	Pedunculate/common oak (Quercus robur)	S	17	1100										7	7	6.5	6	4.0-E	4	M	Signficant Ivy cover throughout restricted more thorough visual tree assessment. No obvious defects observed.	Sever ivy at base	10+	C1	547.5	13.2
T493	Sweet chestnut (Castanea sativa)	S	14	1050										5	5	5	5	3.0-W	2	OM	Significant Ivy cover throughout restricted more thorough visual tree assessment. Reduced vigour at crown edges.	Sever ivy at base	20+	B1	498.8	12.6
T494	Pedunculate/common oak (Quercus robur)	S	18	1000										7	8	6.5	7	4.0-W	3	OM	Significant Ivy cover throughout restricted more thorough visual tree assessment. Large diameter deadwood throughout crown.	Sever ivy at base	20+	B3	452.4	12.0
T495	Pedunculate/common oak (Quercus robur)	S	16	770										6.5	6	6.5	6	6.5-S	5	OM	Retrenchment process started. Ivy cover on main stem.	None.	20+	B3	268.3	9.2
T496	Holly species (Ilex spp)	S	7	230										2.5	2.5	3.5	3	2.5-W	2.5	SM	Growing within hedgerow.	None.	10+	C3	23.9	2.8

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T497	Narrow-leafed ash (Fraxinus angustifolia)	S	12	370										7	6	7	7	4.0-N	2.5	SM	Significant Ivy cover throughout restricted more thorough visual tree assessment. Ash Dieback present.	None.	10+	C1	61.9	4.4
T498	Ash (Fraxinus excelsior)	S	13	340										7.5	4	4	4	6.0-N	1	SM	Significant Ivy cover throughout restricted more thorough visual tree assessment. No Ash Dieback symptoms present at time of survey.	None.	10+	C1	52.3	4.1
T499	Crab apple (Malus sylvestris)	S	9.5	320										3	3	3	3	2.5-N	2.5	EM	No major defects observed.	None.	10+	C1	46.3	3.8
T500	Crab apple (Malus sylvestris)	S	5.5	280										4	5	1	3.5	2.0-E	2	SM	No major defects observed.	None.	10+	C2	35.5	3.4
T501	Crab apple (Malus sylvestris)	S	7	280										2	2	2	2	2.0-E	3.5	SM	No major defects observed.	None.	10+	C2	35.5	3.4
T502	Ash (Fraxinus excelsior)	M(a)	15	250	250									5	4.5	4	3	6.0-N	6	SM	No access to base. Ash Dieback prevalent.	None.	<10	U	56.6	4.2
T503	Ash (Fraxinus excelsior)	S	15	270	250									5	4.5	4	3	6.0-N	6	SM	No access to base. Ash Dieback prevalent.	None.	<10	U	33.0	3.2
T504	Pedunculate/common oak (Quercus robur)	S	8	1100										4	4	4	4	2.5-W	2.5	SM	No access to base. Significant brown cubicle rot. Half of stem missing. One limb remaining which has created its own crown.	None.	<10	U	547.5	13.2
T505	Ash (Fraxinus excelsior)	S	17	340										6	6	2	6	3.0-W	1	SM	Ash Dieback present.	None.	10+	C2	52.3	4.1
T506	Ash (Fraxinus excelsior)	M(a)	19	270	250	300	300							4	6	7	7	5.5-E	5	EM	Ash Dieback present.	None.	10+	C2	142.7	6.7
T507	White willow (Salix alba)	S	18	1300										9	8	9	10	0-N	0	OM	Stem split. Multiple failures of all large lower limbs.	None.	<10	U	707.0	15.0
T508	Pedunculate/common oak (Quercus robur)	S	13	1050										6	6	6	6	5.0-E	5	M	Compact tree, likely suffered damage to rooting system being located within crop field.	None.	20+	B3	498.8	12.6
T509	Leyland cypress (Cupressocyparis leylandii)	M(a)	7	160	140									1	1	1	1	1.0-N	1	SM	Base obscured due to log pile. No obvious defects observed.	None.	10+	C2	20.5	2.6
T510	Pedunculate/common oak (Quercus robur)	S	10	400										5.5	5	5.5	6	3.5-S	1.5	SM	Log piles stacked to 1.5m around tree so base obscured and DBH estimated.	None.	10+	C1	72.4	4.8
T511	Goat willow (Salix caprea)	M(b)	8	90	150	200	75	75	170	190				4.5	5	4.5	6	1.5-E	0	M	Base obscured due to fence panels around tree.	None.	10+	C3	58.3	4.3

Tree Ref No.	Species	Single or Multiple Stem (S or M)	Height (m)	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
				S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T512	Goat willow (Salix caprea)	M(b)	8	90	150	200	75	75	170	190				4.5	5	4.5	6	1.5-E	0	M	Base obscured due to fence panels around tree.	None.	10+	C3	58.3	4.3
T513	Alder (Alnus spp)	M(a)	6.5	140	170	180	150							4	4	5	4	1.0-W	1	Y	Multi-stemmed from base. No obvious defects observed.	None.	10+	C3	46.8	3.9
T514	other species (not in list)	M(a)	5	75	170	120	90	75						2.5	2.5	2.5	2.5	0-N	0	M	No major defects observed.	None.	10+	C3	28.3	3.0
T515	Alder (Alnus spp)	M(a)	8	130	75									2.5	2.5	2.5	2.5	0.5-W	0.5	Y	Self seeded specimen. No obvious defects observed.	None.	10+	C3	10.2	1.8
T516	Alder (Alnus spp)	M(a)	9	80	150	75	75	200						4	4.5	5	5	1.0-E	0.5	SM	No major defects observed.	None.	10+	C3	36.3	3.4
T517	Pedunculate/common oak (Quercus robur)	S	16	710										8	8	9	9	3.0-E	0.5	M	Previously managed as old pruning wounds present which have partially occluded.	None.	20+	B2	228.1	8.5
T518	Hawthorn species (Crataegus spp)	M(a)	7	160	410									3	3	3	3	0.5-N	0.5	M	Mature tree with no obvious defects.	None.	10+	C2	87.6	5.3
T519	Pedunculate/common oak (Quercus robur)	S	6	240										3.5	3.5	3.5	3.5	1.0-W	1	SM	Good physiology and structure. Of potential.	None.	10+	C2	26.1	2.9
T520	Pedunculate/common oak (Quercus robur)	S	10	430										3	4.5	2.5	2.5	1.0-S	0	SM	Low crown form. No obvious defects observed.	None.	10+	C2	83.7	5.2
T521	Field maple (Acer campestre)	S	6.5	210										2.5	2.5	2.5	2.5	0.5-W	0.5	SM	No major defects observed.	None.	10+	C2	20.0	2.5
T522	Hawthorn species (Crataegus spp)	S	4	140										2	2	2	2	0-E	0	SM	No major defects observed.	None.	10+	C3	8.9	1.7
T523	Hawthorn species (Crataegus spp)	S	4	140										2	2	2	2	0-E	0	SM	No major defects observed.	None.	10+	C3	8.9	1.7
T524	Hawthorn species (Crataegus spp)	S	4	140										2	2	2	2	0-E	0	SM	No major defects observed.	None.	10+	C3	8.9	1.7
T525	Hawthorn species (Crataegus spp)	S	4	140										1	1	1	1	0-E	0	SM	No major defects observed.	None.	10+	C3	8.9	1.7
T526	Blackthorn (Prunus spinosa)	S	4	140										1	1	1	1	0-E	0	SM	No major defects observed.	None.	10+	C3	8.9	1.7

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T527	Sycamore (Acer pseudoplatanus)	S	10	270										3	3	3	1.5	1.0-E	0.5	SM	Good form. No obvious defects observed.	None.	10+	C2	33.0	3.2
T528	Pedunculate/common oak (Quercus robur)	S	5.5	210										3	1	2	2	0.5-S	0	Y	Suppressed by neighbouring Sycamore.	None.	10+	C3	20.0	2.5
T529	Hawthorn species (Crataegus spp)	S	4	140										1	1	1	1	0-E	0	SM	No major defects observed.	None.	10+	C3	8.9	1.7
T530	Hawthorn species (Crataegus spp)	S	4	140										1	1	1	1	0-E	0	SM	No major defects observed.	None.	10+	C3	8.9	1.7
T531	Hawthorn species (Crataegus spp)	S	4	140										1	1	1	1	0-E	0	SM	No major defects observed.	None.	10+	C3	8.9	1.7
T532	Hawthorn species (Crataegus spp)	S	4	140										2	2	2	2	0-E	0	SM	No major defects observed.	None.	10+	C3	8.9	1.7
T533	Hawthorn species (Crataegus spp)	S	4	140										2	2	2	2	0-E	0	SM	No major defects observed.	None.	10+	C3	8.9	1.7
T534	Pedunculate/common oak (Quercus robur)	S	4	140										2	2	2	2	0-E	0	SM	No major defects observed.	None.	10+	C3	8.9	1.7
T535	Hawthorn species (Crataegus spp)	S	4	140										1	1	1	1	0-E	0	SM	No major defects observed.	None.	10+	C3	8.9	1.7
T536	Hawthorn species (Crataegus spp)	S	4	140										1	1	1	1	0-E	0	SM	No major defects observed.	None.	10+	C3	8.9	1.7
T537	Ash (Fraxinus excelsior)	S	6	90										0.5	0.5	0.5	0.5	2.0-N	2	Y	Dead tree.	None,	<10	U	3.7	1.1
T538	Field maple (Acer campestre)	S	7	240										3.5	4	3.5	3.5	1.5-E	1.5	SM	Base obscured due to scrub. No major defects observed. Understorey Ash and Hawthorn.	None.	10+	C2	26.1	2.9
T539	Ash (Fraxinus excelsior)	S	6	90										1	1.5	1	1	0-N	0	Y	Base obscured due to scrub.	None.	10+	C3	3.7	1.1
T540	Pedunculate/common oak (Quercus robur)	S	10	380										5	5	5	5	1.0-N	1	SM	Excellent physiology and structure.	None.	20+	B2	65.3	4.6
T541	Ash (Fraxinus excelsior)	S	6.5	100										1	1	1	1.5	1.5-W	1.5	Y	Ash Dieback present.	None.	<10	U	4.5	1.2

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T542	Pedunculate/common oak (Quercus robur)	M(a)	10	300	340	370								6.5	5	6	7	1.5-E	1	EM	Significant Ivy cover throughout restricted more thorough visual tree assessment. Reduced crown vigour. Lower growth to west managed as part of hedgerow.	None.	10+	C2	155.0	7.0
T543	Ash (Fraxinus excelsior)	S	18	1100										8.5	7.5	8	8	6.0-S	2.5	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. Crown with good vigour though minorAsh Dieback is present. Large failed limb at 9m north not included.	None.	20+	B1	547.5	13.2
T544	Pedunculate/common oak (Quercus robur)	S	10	900										2.5	5.5	6.5	6.5	4.5-S	3.5	OM	Significant Ivy cover throughout. Stem and primary crown not visible at all.	Sever Ivy at base	10+	C3	366.5	10.8
T545	Pedunculate/common oak (Quercus robur)	S	12	900										2.5	4	6	4	4.5-N	4	OM	Significant Ivy cover throughout. Stem and primary crown not visible. Rentrenching crown.	Sever ivy at base	10+	C3	366.5	10.8
T546	Pedunculate/common oak (Quercus robur)	S	13	1000										6	3.5	6	3	4.0-E	2	M	Significant Ivy cover throughout. Stem and primary crown not visible. Epicormic growth throughout main stem. Reduced crown vigour.	Sever ivy at base	10+	C3	452.4	12.0
T547	Pedunculate/common oak (Quercus robur)	S	14	1000										3.5	3.5	3.5	2	3.5-S	0.5	OM	Significant Ivy cover throughout. Stem and primary crown not visible.	Sever Ivy at base	10+	C3	452.4	12.0
T548	Pedunculate/common oak (Quercus robur)	S	13	420										6.5	4	6	2	1.5-W	0.5	EM	Slightly suppressed crown form. Growing within linear Ash group.	None.	10+	C1	79.8	5.0
T549	Pedunculate/common oak (Quercus robur)	S	6	350										6	5	5	3	1.0-S	0.5	SM	Suppressed by neighbouring Ash.	None.	10+	C3	55.4	4.2
T550	Pedunculate/common oak (Quercus robur)	S	12	600										7	5.5	6.5	8	1.5-W	0.5	EM	Good physiology and structure. No obvious defects observed.	None.	20+	B2	162.9	7.2
T551	Pedunculate/common oak (Quercus robur)	S	6.5	360										4	6	4	5	0.5-W	0	SM	Compact tree with low crown form. No obvious defects observed.	None.	10+	C3	58.6	4.3
T552	Pedunculate/common oak (Quercus robur)	S	6.5	360										4	3	3	4	0.5-W	0	SM	Compact tree with low crown form. No obvious defects observed.	None.	10+	C3	58.6	4.3
T553	Pedunculate/common oak (Quercus robur)	S	7	240										2.5	4	4	2.5	1.0-E	1	SM	Compact tree with low crown form. No obvious defects observed.	None.	10+	C3	26.1	2.9
T554	Pedunculate/common oak (Quercus robur)	S	7	250										4	2.5	3.5	3.5	0.5-S	0	SM	Compact tree with low crown form. No obvious defects observed.	None.	10+	C3	28.3	3.0
T555	Pedunculate/common oak (Quercus robur)	S	7	280										4	5.5	4	3	1.0-E	0.5	SM	Compact tree with low crown form. No obvious defects observed.	None.	10+	C3	35.5	3.4
T556	Pedunculate/common oak (Quercus robur)	S	7	320										3	2.5	3	3	0.5-E	0	SM	Compact tree with low crown form. No obvious defects observed.	None.	10+	C3	46.3	3.8

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T557	Pedunculate/common oak (Quercus robur)	S	7	350										4	3	4	4.5	1.0-W	0	SM	Compact tree with low crown form. No obvious defects observed.	None.	10+	C3	55.4	4.2
T558	Field maple (Acer campestre)	M(a)	4	75	100	130	120	75						3	3	3	3	0.5-N	0	SM	Compact roadside tree. No obvious defects observed.	None.	10+	C3	23.8	2.8
T559	Crab apple (Malus sylvestris)	M(b)	3.5	75	75	75	75	75	75					1.5	2.5	2	4	0-N	0	SM	Cut back on northern side. Of little potential.	None.	10+	C3	15.3	2.2
T560	Pedunculate/common oak (Quercus robur)	S	10	430										4	4	4	4	1.0-E	0	SM	Good physiology and structure. Ivy growing throughout.	None.	10+	C1	83.7	5.2
T561	Pedunculate/common oak (Quercus robur)	S	5.5	360										4	6	5	5	0.5-E	0.5	SM	Compact form. significant Ivy cover throughout restricted more thorough visual tree assessment.	Sever Ivy at base	10+	C3	58.6	4.3
T562	Pedunculate/common oak (Quercus robur)	S	9.5	380										5	5	5	5	0-E	0.5	SM	Good physiology and structure. No major defects observed.	None.	10+	C1	65.3	4.6
T563	Pedunculate/common oak (Quercus robur)	S	20	600										6	6	6	6	5.0-N	7	M	Woodland tree with significant Ivy cover. Large diameter deadwood throughout.	None.	20+	B3	162.9	7.2
T564	Pedunculate/common oak (Quercus robur)	S	20	600										6	6	6	6	5.0-N	7	M	Woodland tree with significant Ivy cover. Large diameter deadwood throughout.	None.	20+	B3	162.9	7.2
T565	Pedunculate/common oak (Quercus robur)	S	20	600										6	6	6	6	5.0-N	7	M	Woodland tree with significant Ivy cover. Large diameter deadwood throughout.	None.	20+	B3	162.9	7.2
T566	Pedunculate/common oak (Quercus robur)	S	20	600										6	6	6	6	5.0-N	7	M	Woodland tree with significant Ivy cover. Large diameter deadwood throughout.	None.	20+	B3	162.9	7.2
T567	Pedunculate/common oak (Quercus robur)	S	20	600										6	6	6	6	5.0-N	7	M	Woodland tree with significant Ivy cover. Large diameter deadwood throughout.	None.	20+	B3	162.9	7.2
T568	Pedunculate/common oak (Quercus robur)	S	20	600										6	6	6	6	5.0-N	7	M	Woodland tree with significant Ivy cover. Large diameter deadwood throughout.	None.	20+	B3	162.9	7.2
T569	Pedunculate/common oak (Quercus robur)	S	18	620										6	6	6	6	5.0-N	7	M	Woodland edge tree. No obvious defects observed.	None.	20+	B3	173.9	7.4
T570	Pedunculate/common oak (Quercus robur)	S	8.5	200										6	4.5	4.5	4.5	2.0-N	1.5	SM	Tree growing within hedgerow. Limited access to base.	None.	10+	C3	18.1	2.4
T571	Ash (Fraxinus excelsior)	S	4.5	75										1	1	1	1	2.0-E	2.5	Y	Self seeded tree.	None.	10+	C3	2.5	0.9

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T572	Ash (Fraxinus excelsior)	M(a)	15	430	270									7.5	6	6.5	5.5	2.5-E	2	EM	Smaller stem leaning north with tight union. Early signs of Ash Dieback.	None	10+	C3	116.6	6.1
T573	Field maple (Acer campestre)	M(a)	11	260	200	170								5	5	7	6	1.5-N	1	M	No major defects observed.	None.	20+	B3	61.8	4.4
T574	Downy birch (Betula pubescens)	S	14	370										5	6.5	6	5.5	2.0-N	2	M	Epicormic growth throughout. Large diameter deadwood. No major defects observed.	None.	20+	B2	61.9	4.4
T575	Downy birch (Betula pubescens)	S	17	670										6.5	7	7	8.5	2.5-W	1.5	M	Excellent specimen for species. No major defects observed.	None.	20+	B2	203.1	8.0
T576	Ash (Fraxinus excelsior)	M(a)	13	360	340	290								6	7	6.5	6	4.5-E	4	EM	Significant Ivy cover throughout restricted more thorough visual tree assessment. Growing within hedgerow. Multi-stemmed from base.	Sever Ivy	10+	C1	149.0	6.9
T577	Pedunculate/common oak (Quercus robur)	M(a)	13	310	200									4.5	5.5	5.5	2.5	2.0-E	4	SM	Growing within fenced area so access restricted. Ivy cover throughout.	None.	10+	C3	61.6	4.4
T578	English elm (Ulmus procera)	S	9	190										4	3.5	3	3.5	3.5-W	3	SM	Significant Ivy cover throughout restricted more thorough visual tree assessment. Basal suckering.	None.	10+	C3	16.3	2.3
T579	Ash (Fraxinus excelsior)	M(a)	6.5	110	120									3	3	3	2	1.5-N	3	SM	Significant Ivy cover throughout restricted more thorough visual tree assessment. Growing within hedgerow.	None.	10+	C3	12.0	2.0
T580	Ash (Fraxinus excelsior)	M(b)	16	260	190	270	200	150	250	270	300			7	6.5	6	8	0.5-N	0.5	M	Multi-stemmed from base. Ivy cover throughout. Epicormic growth on stems.	None.	20+	B3	202.0	8.0
T581	Hawthorn species (Crataegus spp)	S	7	140										1	1	1	1	2.0-E	2	EM	Standalone tree. Fastigiate in form. No major defects observed.	None.	10+	C2	8.9	1.7
T582	Pedunculate/common oak (Quercus robur)	S	16	1070										6.5	7	8	5	3.0-W	1.5	OM	Honey fungus around base of tree. Crown in early decline, with large diameter deadwood to crown extents.	None.	10+	C3	518.0	12.8
T583	Ash (Fraxinus excelsior)	M(a)	15	450	300									4.5	5	7	4.5	4.0-W	6.5	M	Growing on side of ditch. Significant Ivy cover on southern most stem restricting assessment. Some minor pruning wounds on northern stem which almost fully occluded. Ash Dieback present.	None.	<10	U	132.3	6.5
T584	Ash (Fraxinus excelsior)	S	9	200										2	2	3	3	3.0-N	2.5	SM	Minor Ash Dieback. Limited lateral limbs.	None	10+	C3	18.1	2.4
T585	Pedunculate/common oak (Quercus robur)	S	16	1050										8	5	6	5.5	2.0-E	1.5	M	Limited access to base. Located on steep bank. No major defects observed.	None.	20+	B2	498.8	12.6
T586	Pedunculate/common oak (Quercus robur)	S	13	600										8	5.5	7	6.5	4.0-E	1.5	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. No major defects observed.	None.	20+	B2	162.9	7.2

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T587	Pedunculate/common oak (Quercus robur)	M(a)	15	370	370									6	6	6	6	3.5-W	1	EM	Very tight union at 1m. Ivy cover throughout.	None.	10+	C3	123.9	6.3
T588	Small-leaved lime (Tilia cordata)	M(a)	13	540	460									6.5	6.5	6.5	6.5	1.5-W	0	M	Heavy lateral limbs to west and east. High epicormic growth. Access to 50% of base only.	None.	20+	B3	227.7	8.5
T589	Pedunculate/common oak (Quercus robur)	M(a)	13	350	460									6.5	6	7	6	1.5-S	0.5	OM	Significant basal decay region to 1.5 to eastern side of stems. Extensive expansion cracking.	None.	10+	C3	151.2	6.9
T590	Ash (Fraxinus excelsior)	S	16	580										7	7	7	7	3.0-S	2.5	M	Good structure. Early signs of Ash Dieback.	None.	20+	B3	152.2	7.0
T591	Pedunculate/common oak (Quercus robur)	S	15	760										8	8	6	8	6.0-W	1.5	M	Ivy throughout main stem. Access restricted due to scrub growth. Large lateral limb at 5m south. No major defects observed.	None.	20+	B2	261.3	9.1
T592	Ash (Fraxinus excelsior)	S	17	460										7	8.5	8	6	6.0-W	5	M	Good physiology and structure. No major defects observed.	None.	20+	B2	95.7	5.5
T593	Pedunculate/common oak (Quercus robur)	S	13	1010										6	6	6.5	5	2.0-W	1	M	Compact specimen. Good physiology and structure.	None.	20+	B2	461.5	12.1
T594	Pedunculate/common oak (Quercus robur)	S	15	370										5.5	5.5	5.5	5.5	4.5-E	5	SM	Significant Ivy cover throughout restricted more thorough visual tree assessment.	None.	10+	C3	61.9	4.4
T595	Pedunculate/common oak (Quercus robur)	S	13	540										6.5	5	7	5.5	2.5-W	4	EM	Significant Ivy cover throughout restricted more thorough visual tree assessment.	None.	10+	C3	131.9	6.5
T596	Pedunculate/common oak (Quercus robur)	S	8	440										3	2	3	4	3.0-E	3	EM	Tree almost fully dead. Significant Ivy cover throughout restricted more thorough visual tree assessment,	None.	<10	U	87.6	5.3
T597	Pedunculate/common oak (Quercus robur)	S	14	800										6	7	6.5	6	3.0-W	3	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. Looks to have good vigour.	None.	20+	B3	289.6	9.6
T598	Pedunculate/common oak (Quercus robur)	S	11	580										4.5	6	5	5	3.0-E	2	OM	Significant Ivy cover throughout restricted more thorough visual tree assessment. Age decline with associated deadwood.	None.	10+	C3	152.2	7.0
T599	Pedunculate/common oak (Quercus robur)	S	14	560										5.5	6	6	6	2.5-N	2	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. Good physiology and structure.	None.	20+	B2	141.9	6.7
T600	Pedunculate/common oak (Quercus robur)	S	15	540										7	6.5	7	7	3.0-W	2	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. Good physiology and structure.	None.	20+	B2	131.9	6.5
T601	Pedunculate/common oak (Quercus robur)	S	8	400										6.5	6.5	6	5	3.0-E	2	EM	Significant Ivy cover throughout restricted more thorough visual tree assessment. Suppressed by neighbouring tree.	None.	10+	C2	72.4	4.8

Tree Ref No.	Species	Single or Multiple Stem (S or M)	Height (m)	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
				S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
T602	Pedunculate/common oak (Quercus robur)	S	14	980										7	9	7.5	5	2.0-N	2	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. No access to base.	Sever Ivy at base	20+	B3	434.5	11.8
T603	Pedunculate/common oak (Quercus robur)	S	14	760										7	8.5	7	7	3.0-N	2	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. No access to base.	Sever Ivy at base	20+	B3	261.3	9.1
T604	Pedunculate/common oak (Quercus robur)	S	14	600										6	6.5	7.5	6	3.0-N	3	M	Significant Ivy cover throughout restricted more thorough visual tree assessment. No access to base.	Sever Ivy at base	20+	B3	162.9	7.2
T605	Ash (Fraxinus excelsior)	S	11	650										7	6	6	6	4.0-N	3	OM	Significant Ivy cover throughout restricted more thorough visual tree assessment. Extensive decline.	Remove tree	<10	U	191.2	7.8
G1	Norway maple (Acer platanoides)	S	12	300										5	5	5	5	2.5-N	2.5	EM	6 x Norway Maples. 5 x Scots Pines. Understorey of Hawthorn, Blackthorn and Dog Rose.	None	20+	B2	40.7	3.6
G2	Ash (Fraxinus excelsior)	S	11	150										2.5	2.5	2.5	2.5	3.0-W	3.5	SM	30 Individual stems. Mix of Lime, Ash, Oak and Cherry	None	10+	C2	10.2	1.8
H3	hedgerow (mixed)	S	2.5	75										1	1	1	1	0-N	0	SM	Maintained Hedgerow.	None	10+	C3	2.5	0.9
G4	Field maple (Acer campestre)	S	7	200										3	3	3	3	0-N	0	SM	Buffer Planting on raised bank.	None	10+	C2	18.1	2.4
G5	Field maple (Acer campestre)	S	7	250										4	4	4	4	0-N	0	EM	Field Maple and Ash with Hawthorn understorey.	None.	10+	C2	28.3	3.0
G6	Sycamore (Acer pseudoplatanus)	S	5	80										1	1	1	1	0-N	0	Y	Young, self-seeded group.	None	10+	C3	2.9	1.0
G7	Ash (Fraxinus excelsior)	S	10	210										3	3	3	3	0-N	0	SM	Outgrown Hedgerow. Ash, Oak, Hawthorn, Elm, Cherry, Horse Chestnut. Ash dieback present.	None	10+	C2	20.0	2.5
G8	Ash (Fraxinus excelsior)	S	14	350										4	3	6	3	3.0-S	3	EM	Mixed group comprising 4 Ash, 3 Beech, 2 Cherry, 1 Oak, 1 Sycamore, 1 Horse Chestnut	None	20+	B2	55.4	4.2
G9	Hawthorn species (Crataegus spp)	S	6	150										1.5	1.5	1.5	1.5	0-N	0	SM	Lapsed Hawthorn hedge with emerging Oak, Ash, Field Maple, Laurel, Pine	None	10+	C2	10.2	1.8
G10	Norway maple (Acer platanoides)	S	12	240										3	2	2	2	2.0-N	2	EM	Outside Survey boundary, but overhang. Dense planting. Other species include Scots Pine, Ash, Hawthorn and Elder understorey. Younger specimens to eastern edge.	None	20+	B2	26.1	2.9
G11	Goat willow (Salix caprea)	S	5	80										1.5	1.5	1.5	1.5	0-N	0	Y	Self seeded.	None.	10+	C2	2.9	1.0

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
G12	Scots pine (Pinus sylvestris)	S	15	470										3.5	3	3	2.5	0.5-W	5	M	4 trees. 3 in hedgerow and 1 set back 1.5m. Set back by 2m.	None.	20+	B1	99.9	5.6
G13	Ash (Fraxinus excelsior)	M(a)	14	200	180									6	1	4	4	0.5-S	0.5	EM	Group of 3 Ash and 1 Sycamore. Ash with significant ivy cover. Dieback noted in group. On adjacent land.	Remove Ivy	10+	C1	32.8	3.2
G14	Common lime (Tilia europaea)	S	20	460										4	4	4	4	1.0-W	1	M	Significant Ivy cover. Minor deadwood at tips. Group of 3 trees. Forefront of larger group which is outside survey boundary.	Remove ivy	20+	B1	95.7	5.5
H15	hedgerow (mixed)	S	2	75										0.5	0.5	0.5	0.5	0-N	0	Y	Maintained hedgerow.	None	10+	C3	2.5	0.9
G16	Whitebeam (Sorbus aria)	S	6	150										2.5	2.5	2.5	2.5	1.0-N	1	SM	3 Ornamental trees. Whitebeam, Cotoneaster, Crab apple. In adjacent gardens.	None	10+	C2	10.2	1.8
G17	Mixed broadleaves	S	18	300										4	4	3	3	1.5-E	1.5	EM	Group comprising 1 Ash (dieback noted), 1 elm, 1 horse chestnut, 3 Norway maples.	None	10+	C1	40.7	3.6
G18	Beech (Fagus sylvatica)	S	18	630										8	4	2	8	5.0-N	5.5	M	2 trees growing within 3 metres of each other. Previously crown raised.	None	20+	B1	179.6	7.6
G19	Mixed conifers	S	8	130										1	1	1	1	0-N	0	SM	Buffer planting in close proximity with small diameter deadwood. 2 dead willow trees to eastern edge of group. Group obstructing A47 to north due to significant new growth.	Selective thinning would be of benefit.	10+	C2	7.6	1.6
H20	Hawthorn species (Crataegus spp)	S	4	75										1.5	1.5	1.5	1.5	0-N	0	SM	Fragmented and unmanaged hedgerow along northern boundary of existing A47.	None	10+	C2	2.5	0.9
G21	Goat willow (Salix caprea)	M(b)	4	75	75	75	75	75	75	75	75	75	75	1.5	1.5	1.5	1.5	0-N	0	SM	Small group of trees, approximately 4 specimens all with numerous stems. Access restricted slightly due to scrub growth.	None	10+	C2	25.5	2.8
G22	Ash (Fraxinus excelsior)	M(a)	12	320	320									5	4	4	4	2.5-W	4	EM	Minor Ash dieback present. 3 trees emerging from hedgerow. Limited access due to hedgerow and scrub.	None	10+	C2	92.7	5.4
H23	hedgerow (mixed)	S	4.5	80										2	2	2	2	0-N	0	SM	Unmanaged hedgerow with emerging trees.	None	10+	C3	2.9	1.0
G24	Ash (Fraxinus excelsior)	S	10	180										2	3	1	3	3.5-W	3.5	SM	Emerging trees from hedgerow. Access restricted due to location. Some Ivy cover noticed. Comprises 2 Ash and 2 Field Maple.	None	10+	C2	14.7	2.2
G25	Ash (Fraxinus excelsior)	M(a)	10	240	140	140								4	3	3	3	3.5-W	3.5	SM	Ivy clad stems. Access restricted due to location within hedgerow. Ash dieback present.	None	10+	C2	43.8	3.7
G26	Field maple (Acer campestre)	M(a)	9	140	130	160	160							3.5	3.5	3.5	3.5	1.0-N	0	EM	2 Field Maple and 1 Ash with Ash dieback. Outgrown hedgerow trees. Access restricted due to location.	None	10+	C2	39.7	3.6

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
H27	hedgerow (mixed)	S	3.5	75										1.5	1.5	1.5	1.5	0-N	0	SM	Unmaintained hedgerow.	None	10+	C3	2.5	0.9
H28	hedgerow (mixed)	S	3.5	80										1.5	1.5	1.5	1.5	0-N	0	SM	Unmaintained hedgerow.	None	10+	C3	2.9	1.0
H29	hedgerow (mixed)	S	8	160										3	3	3	2.5	3.0-W	4	SM	Outgrown hedgerow. Dense group.	None	10+	C1	11.6	1.9
G30	Alder (Alnus spp)	S	12	150										1.5	1.5	1.5	1.5	0-N	0	SM	Dense group of Alder and Ash growing on edge of stream. Significant Ivy cover throughout. Access restricted so measurements estimated.	None.	10+	C2	10.2	1.8
G31	Sycamore (Acer pseudoplatanus)	S	20	500										7	6	7	6	0-N	0	M	7 trees in group, 3 of which are large specimens. Growing on side of dry ditch. Scrub growth to base. Significant Ivy cover throughout restricted more thorough visual tree assessment.	Sever Ivy	20+	B2	113.1	6.0
G32	Pedunculate/common oak (Quercus robur)	S	23	400										6	6	6	1	5.0-E	10	M	6 trees in group. Significant Ivy cover throughout, restricted more thorough visual tree assessment.	Sever Ivy	20+	B2	72.4	4.8
G33	Ash (Fraxinus excelsior)	S	10	320										13	4.5	5	3	4.0-E	0	SM	6 trees within group. All suppressed by neighbouring, mature Ash tree. Heavy lateral limbs. One tree to east growing directly over road. Rubbing, possibly fused branch from one specimen to neighbouring large Ash tree.	Remove eastern most tree within 12 months due to potential for collapse over road.	10+	C2	46.3	3.8
G34	Pedunculate/common oak (Quercus robur)	S	9.5	200										4	3	3	2	3.0-N	3	SM	2 Outgrown hedgerow trees.	None	10+	C1	18.1	2.4
G35	Pedunculate/common oak (Quercus robur)	S	9.5	200										4	3	3	3	3.0-N	3	SM	4 Outgrown hedgerow trees.	None	10+	C1	18.1	2.4
G36	Pedunculate/common oak (Quercus robur)	S	9.5	200										3	3	3	3	3.0-N	3	SM	3 Outgrown hedgerow trees.	None	10+	C1	18.1	2.4
G37	Mixed broadleaves	S	15	180										2.5	2.5	2.5	2.5	0-N	0	SM	Buffer planting. Not of significant age. Very dense.	None.	10+	C1	14.7	2.2
G38	Mixed broadleaves	S	6	160										2	2	2	2	0-N	0	SM	Unmanaged buffer planting on field boundary, with dead Elm stems.	None.	10+	C2	11.6	1.9
G39	Grey willow (Salix cinerea)	M(a)	7	280	300	160	160	170						3.5	3.5	3.5	3.5	0-N	0	EM	Laid and suckered tree. Dense group largely inaccessible due to scrub growth and wet ditch type area.	None.	10+	C2	112.4	6.0
G40	Mixed broadleaves	S	15	350										3	3	3	3	0-N	0	SM	Shelter belt group. Some larger, coppiced trees scattered throughout, natural regeneration present. Close proximity planting, prevents sufficient access. No significant defects noted.	None.	20+	B2	55.4	4.2
G41	Ash (Fraxinus excelsior)		11	310										4	2.5	4	2.5	0.5-E	0	SM	13 trees comprising 5 Oaks and 8 Ash. Ash showing signs of dieback to eastern end of group.	Remove young Ash to remove risk of collapse onto existing A47.	10+	C2		

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
H42	Blackthorn (Prunus spinosa)	S	6	90										1.5	1.5	1.5	1.5	0-N	0	SM	Outgrown hedgerow. Dense growth. Field access to North, span 10m.	None.	10+	C2	3.7	1.1
H43	Ash (Fraxinus excelsior)	M(a)	13	340	320	260	170							4	6	3	6	4.0-N	3	M	7 trees, comprising 6 Ash and 1 Field Maple. Lapsed hedgerow. Access restricted due to undergrowth.	None.	10+	C2	142.3	6.7
H44	Field maple (Acer campestre)	M(a)	16	230	230	200								7.5	2	5	2	0-N	0	M	Lapsed hedgerow trees. Access restricted due to low crown growth and scrub.	None.	20+	B2	66.0	4.6
G45	Ash (Fraxinus excelsior)	M(a)	16	270	280									5	3.5	4.5	2.5	2.5-E	1	EM	5 individual trees, lapsed hedgerow trees with 2 outgrown but suppressed Field Maple below. Significant Ivy cover throughout restricted more thorough visual tree assessment. Ash dieback present within group.	None.	10+	C2	68.5	4.7
G46	Ash (Fraxinus excelsior)	M(b)	18	230	290	160	160	160	170	280				3	3	3	3	4.0-E	0	EM	Group comprising 8 trees. Growing on edge of steep incline to pond. Root exposure into pond area. Significant Ivy cover throughout and suckering to base. Ash dieback present within group.	None.	10+	C2	135.9	6.6
G47	Pedunculate/common oak (Quercus robur)	S	12	500										6	4	4	6	5.0-W	2	EM	2 trees. Significant Ivy cover throughout restricted more thorough visual tree assessment. Large diameter deadwood to lower crown.	None.	10+	C1	113.1	6.0
G48	Hazel (Corylus avellana)	M(b)	10	75	75	75	75	75	75	75	75	75	75	3	3	3	3	0-N	0	SM	Lapsed coppiced hazel stools. 3 individual trees each with multiple stems.	None	10+	C3	25.5	2.8
G49	Crab apple (Malus sylvestris)	M(a)	5	75	120	170								1	3	2	5	0.5-E	0	SM	4 Crab Apples. Old hedgerow remnants, which is now lapsed and fragmented.	None	10+	C3	22.1	2.7
H50	Mixed broadleaves	S	8	250										2	2	2	2	0-E	0	SM	Outgrown hedgerow. Sporadic in places.	None.	10+	C3	28.3	3.0
H51	Mixed broadleaves	S	12	250										3.5	3.5	3.5	3.5	0-N	0	SM	Lapsed hedgerow with 4 larger Field Maple and 1 larger Oak specimens.	None.	10+	C3	28.3	3.0
G52	Mixed broadleaves	M(a)	15	340	340	330	320	300	270					7	4	7	7	5.0-N	3	M	Group comprising 8 individual specimens. Significant Ivy cover throughout. Lapsed hedgerow trees. Ash dieback present within group.	None	10+	C1	240.9	8.8
H53	Mixed broadleaves	S	12	230										2.5	2.5	2.5	2.5	0-N	0	SM	Sporadic outgrown hedgerow. Some trees maturing at a faster rate than others.	None.	10+	C1	23.9	2.8
G54	Field maple (Acer campestre)	M(a)	11	180	100	75	150							5	4	3	4	0-N	0	M	Group of 4 trees growing within hedgerow, therefore access restricted.	None.	10+	C2	31.9	3.2
H55	hedgerow (mixed)	M(a)	3.5	75										1.5	1.5	1.5	1.5	0-N	0	SM	Maintained hedgerow. Large mix of species.	None.	10+	C3	2.5	0.9
H56	hedgerow (mixed)	M(a)	3.5	75										1.5	1.5	1.5	1.5	0-N	0	SM	Maintained hedgerow. Large mix of species.	None.	10+	C3	2.5	0.9

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
H57	hedgerow (mixed)	S	6	120										2	2	2	2	0-N	0	EM	Maintained hedgerow. Some specimens still have tree guards around base.	None.	20+	B3	6.5	1.4
G58	Beech (Fagus sylvatica)	S	26	500										3.5	3.5	3.5	3.5	8.0-N	5	M	3 trees. 2 with a tall upright form and the northern most trees with a slightly more bias crown. No major defects observed.	None.	20+	B2	113.1	6.0
G59	Beech (Fagus sylvatica)	S	26	500										3.5	3.5	3.5	3.5	4.5-N	3	M	8 trees in group comprising 4 Beech, 2 Ash and 2 Sycamore. No major defects were noted apart from large diameter deadwood.	None.	20+	B2	113.1	6.0
G60	Mixed broadleaves	S	10	120										1	1	1	1	0-N	0	SM	Mixed woodland edge group on roadside. Slightly suppressed by larger trees within woodland. No major defects observed.	None.	10+	C3	6.5	1.4
G61	Mixed broadleaves	S	25	450										3	3	3	3	0-N	0	EM	Woodland largely comprising of Ash, Oak and Hazel. Poplar species to northern edge due to riverside location. Ash dieback prevalent throughout woodland. Natural regeneration and understorey trees observed.	None.	20+	B3	91.6	5.4
G62	Ash (Fraxinus excelsior)	M(a)	21	150	230	220	380	140	130					6	6	7	4	7.0-W	1.5	M	Laid tree growing on stream bank. Significant Ivy cover throughout restricted more thorough visual tree assessment. Group also comprises Alder and Willow species. One dead tree to south bank, not of any significant height.	None.	10+	C2	130.2	6.4
G63	White willow (Salix alba)	S	9	75										1	1	1	1	2.5-N	2.5	Y	Recently planted trees with guards to base. Growing within wetland area next to river. Of good form and physiology. Approx 30 individual trees.	None.	10+	C2	2.5	0.9
G64	White willow (Salix alba)	S	9	75										1	1	1	1	2.5-S	2.5	Y	Approx 200 recently planted trees, with spacing of circa 5m.	None.	10+	C2	2.5	0.9
G65	Grey willow (Salix cinerea)	S	20	400										2	2	3	2	1.0-W	0	EM	Sporadic group comprising Willow, Ash, Alder. Multiple failed stems within group, possibly due to waterlogging. Trees generally in poor condition.	None.	10+	C3	72.4	4.8
G66	Grey willow (Salix cinerea)	S	8	200										3	3	3	3	0-N	0	SM	Dense group of predominantly Willow species. Likely to be natural regeneration from large tree to north.	None.	10+	C2	18.1	2.4
G67	Alder (Alnus spp)	S	16	300										2.5	2.5	2.5	2.5	0-N	0	M	Group comprising 8 Alder and 2 Ash. Signficant Ivy cover throughout restricted more thorough visual tree assessment. Growing on side of river. In fair condition with one partially failed specimen to west.	None.	10+	C2	40.7	3.6
G68	Alder (Alnus spp)	S	15	270										2.5	2.5	2.5	2.5	0-W	0	M	Group comprising 4 Ash and 6 Alder. Signficant Ivy cover throughout restricted more thorough visual tree assessment. Growing on side of river. Ash dieback present.	None.	10+	C2	33.0	3.2
G69	Ash (Fraxinus excelsior)	M(a)	21	500	420									4.5	5	6.5	6	8.0-S	8	M	Group of 4 Ash. Dieback prevalent throughout group. Growing on both north and south river banks.	Sever ivy	10+	C2	192.9	7.8
G70	Mixed broadleaves	S	28	340										2	2	2	2	0-N	0	M	Woodland group. Very dense growth. Significant Ivy cover throughout. Ash dieback prevalent throughout woodland. Understorey growth. Multiple dead stems noted to northern aspect.	None.	20+	B3	52.3	4.1
G71	Norway maple (Acer platanoides)	S	21	300										6	2	1	2	3.0-N	3.5	M	Plantation of trees. Densely planted specimens. Crown bias to north due to density. Semi mature thuja specimens sporadic along southern edge of woodland. Other specimens emerging from woodland floor.	None.	20+	B2	40.7	3.6

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
G72	Mixed broadleaves	S	7	180										1.5	1.5	1.5	1.5	0-N	0	Y	Recently planted woodland formation. Fairly dense spacings. Suppressed somewhat due to larger group to south. Largely Oak and Hawthorn.	None.	10+	C2	14.7	2.2
G73	Mixed broadleaves	M(b)	8	75	75	75	75	75						2.5	2.5	2.5	2.5	0-N	0	SM	Sporadic broadleaf group. Numerous coppiced Hazel stools, as well as Ash and Hawthorn.	None.	10+	C2	12.7	2.0
G74	Hybrid poplar (Populus serotina/trichocarpa)	S	27	470										8.5	6	4	10	10.0-N	10	M	Group of approximately 20 specimens. Large diameter deadwood noted throughout group. Epicormic growth on main stems. No major defects observed.	None.	20+	B2	99.9	5.6
G75	Mixed broadleaves	S	5	130										1	1	1	1	0-N	0	Y	Approx 7 dead or dying trees. Comprising Elm, Hawthorn and Oak.	Remove trees	<10	U	7.6	1.6
H76	Mixed broadleaves	S	5	75										1.5	1.5	1.5	1.5	0-N	0	SM	Unmanaged hedgerow.	None.	10+	C3	2.5	0.9
G77	Pedunculate/common oak (Quercus robur)	S	12	190										1	4	4	4	5.0-E	1	SM	Group of 2 trees. Lapsed hedgerow specimens. No major defects observed.	None.	10+	C2	16.3	2.3
H78	hedgerow (mixed)	S	3	75										1	1	1	1	0-N	0	SM	Managed hedgerow.	None.	10+	C3	2.5	0.9
H79	hedgerow (mixed)	S	3	75										1	1	1	1	0-N	0	SM	Managed hedgerow.	None.	10+	C3	2.5	0.9
G80	Mixed broadleaves	S	24	600										4	8	4	4	0-N	0	M	Predominantly Ash to south of woodland and Lime to north. Dense crown cover. High epicormic shoots.	None.	40+	A3	162.9	7.2
H81	hedgerow (mixed)	S	2.5	75										1	1	1	1	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.5	0.9
H82	hedgerow (mixed)	S	2.5	75										1	1	1	1	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.5	0.9
G83	Mixed broadleaves	S	14	290										2	3	5	2	2.5-S	0	SM	Group comprising Beech, Ash and Willow. Adjacent to existing A47 and overhanging highway.	None.	20+	B2	38.1	3.5
G84	Goat willow (Salix caprea)	S	14	130										0.5	0.5	0.5	0.5	10.0-S	10	SM	Buffer planting with spacings of 1m although high volume of dead stems, due to competition for light. Other species present to A47 roadside.	None.	10+	C3	7.6	1.6
H85	hedgerow (mixed)	S	4	75										1	1	1	1	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.5	0.9
H86	hedgerow (mixed)	S	4	75										1	1	1	1	0-N	0	SM	Managed hedgerow.	None.	10+	C3	2.5	0.9

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
H87	hedgerow (mixed)	S	4	75										1	1	1	1	0-N	0	SM	Managed hedgerow.	None.	10+	C3	2.5	0.9
H88	hedgerow (mixed)	S	4	75										1	1	1	1	0-N	0	SM	Managed hedgerow.	None.	10+	C3	2.5	0.9
G89	Mixed broadleaves	S	23	310										2.5	2.5	2.5	2.5	10.0-W	10	EM	Managed woodland. Predominantly Oak and Beech. Some natural regeneration occuring.	None.	40+	A2	43.5	3.7
H90	Hawthorn species (Crataegus spp)	S	7	90										1	1	1	1	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	3.7	1.1
H91	Mixed broadleaves	S	12	250										2.5	2	2.5	3	0-N	0	SM	Unmanaged hedgerow with emerging trees, predominantly Oak and Ash.	None.	10+	C3	28.3	3.0
H92	Mixed broadleaves	S	12	250										2.5	2	2.5	3	0-N	0	SM	Unmanaged hedgerow with emerging trees, predominantly Oak and Ash. Pond with group to north.	None.	10+	C3	28.3	3.0
H93	hedgerow (mixed)	S	3	90										1	1	1	1	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	3.7	1.1
G94	Ash (Fraxinus excelsior)	M(a)	14	120	320	340								6	8	8	8	3.0-S	4	M	Group of trees, comprising 3 Ash and 1 Oak. Growing within dry pond. Ash dieback noted throughout.	None.	10+	C1	105.1	5.8
G95	Mixed broadleaves	S	8	90										2	2	2	2	0-N	0	SM	Group growing in and around dry pond. Largely Blackthorn to south of group.	None.	10+	C3	3.7	1.1
G96	Mixed broadleaves	S	8	230										2.5	2.5	2.5	2.5	3.0-S	3	SM	Emerging trees from hedgerow. 7 individual specimens, comprising Ash, Field Maple and Hazel.	None.	10+	C1	23.9	2.8
H97	hedgerow (mixed)	S	3.5	90										1.5	1.5	1.5	1.5	0-N	0	SM	Maintained roadside hedgerow.	None.	10+	C3	3.7	1.1
G98	Mixed broadleaves	M(a)	11	75	75	130	120	100						5	4	4	4	1.5-N	2	EM	Group of emerging hedgerow trees. Predominantly Ash and Hornbeam.	None.	10+	C1	23.8	2.8
H99	hedgerow (mixed)	S	3	90										1	1	1	1	0-N	0	SM	Maintained hedgerow with varying heights throughout.	None.	10+	C3	3.7	1.1
H100	hedgerow (mixed)	S	8	150										2	2	2	2	0-N	0	SM	Lapsed hedgerow maintained on one side with emerging trees.	None.	10+	C3	10.2	1.8
G101	other pines (Pinus spp)	S	21	330										4	4	4	4	2.5-E	4	M	Linear group of Black Pine and European Larch. Some dead larch stems scattered throughout and one failed Black Pine.	Remove dead stems.	20+	B2	49.3	4.0

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
G102	Mixed broadleaves	S	13	320										4.5	3	4.5	3	0-N	0	EM	Roadside buffer planting, some larger trees with understorey of Hawthorn and other woodland species.	None.	10+	C1	46.3	3.8
G103	Mixed broadleaves	S	10	150										3	3	3	3	0-N	0	SM	Group comprising largely Birch and Goat Willow. Stems well spaced and group is sporadic. Natural regeneration of Hawthorn.	None.	10+	C2	10.2	1.8
G104	Sweet chestnut (Castanea sativa)	S	12	160										1	1	1	1	6.0-N	6.5	SM	Sweet Chestnut and Oak woodland plantation, planted in linear rows with 2m spacings between specimens.	None.	10+	C3	11.6	1.9
G105	Silver birch (Betula pendula)	S	14	290										2	2	2	1	1.5-S	2.5	EM	Linear group of trees, sporadic. No obvious signs of defects.	None.	10+	C2	38.1	3.5
G106	White willow (Salix alba)	M(a)	22	420	500	390								11	11	9	8	1.5-W	0.5	M	Group of 6 trees. Access restricted due to scrub around base. Multi-stemmed from 0.5m. Heavy lateral limbs. Growing in ditch below level of existing A47.	None.	20+	B2	261.7	9.1
G107	Ash (Fraxinus excelsior)	S	20	250										1	1	1	1	0-N	0	SM	Ash woodland with understorey of other native species such as field maple. Ash dieback prevalent throughout. some larger trees within group, but these were sporadic.	None.	10+	C1	28.3	3.0
G108	Hawthorn species (Crataegus spp)	S	14	90										1	1	1	1	0-N	0	SM	Group with emerging Hazel and Oak specimens. Planted at 1.5m spacings.	None.	10+	C2	3.7	1.1
G109	Ash (Fraxinus excelsior)	S	7	75										0.5	0.5	0.5	0.5	0.5-S	0.5	Y	Group of approx 15 Ash trees. In poor condition with Ash dieback prevalent throughout.	None.	<10	U	2.5	0.9
G110	Mixed broadleaves	S	14	170										2	2	2	2	0-N	0	SM	Mixed species comprising Ash, Oak, Cherry and Hawthorn, growing on dual carriageway verge. Used as buffer planting.	None.	20+	B1	13.1	2.0
G111	Mixed broadleaves	S	6	110										1.5	1.5	1.5	1.5	1.0-N	0.5	Y	Group of young recently planted specimens behind hedgerow.	None.	10+	C2	5.5	1.3
G112	Ash (Fraxinus excelsior)	S	22	340										3	3	3	3	0-N	0	M	Mixed group comprising Ash (dominant species), Oak and understorey of Hawthorn and Elder. Dry ditch through centre of group. Ash suffering from minor dieback. Some standing deadwood throughout.	None	20+	B2	52.3	4.1
G113	Mixed broadleaves	S	14	210										1.5	1.5	1.5	1.5	1.0-N	1	SM	Establishing trees likely plants as a buffer to the existing A47. Planted a 1.5m spacings.	None.	10+	C1	20.0	2.5
H114	hedgerow (mixed)	S	4	80										1.5	1.5	1.5	1.5	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.9	1.0
G115	Mixed broadleaves	S	12	320										2.5	4	5	5	4.0-S	4	EM	Group comprising Oak, Ash, Goat Willoe and Hawthorn.	None.	20+	B2	46.3	3.8
H116	hedgerow (mixed)	S	4	80										1.5	1.5	1.5	1.5	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.9	1.0

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
H117	hedgerow (mixed)	S	3	75										1	1	1	1	0-N	0	SM	Maintained hedgerow. Sporadic in places.	None.	10+	C3	2.5	0.9
G118	Mixed broadleaves	S	4	75										0.5	0.5	0.5	0.5	1.0-N	1	Y	Recently planted buffer. Spacings of 2m.	None.	10+	C2	2.5	0.9
H119	hedgerow (mixed)	S	4	80										1	1	1	1	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.9	1.0
G120	Holly species (Ilex spp)	S	7	110										2	2	2	1	0-N	0	SM	Lapsed hedgerow trees. Growing into utility cable above.	None.	10+	C2	5.5	1.3
G121	Holly species (Ilex spp)	S	5	110										1	0	1	1	0-N	0	SM	Lapsed hedgerow trees. Growing into utility cable above.	None.	10+	C2	5.5	1.3
G122	Mixed broadleaves	S	11	150										3	3	3	3	0-N	0	EM	Dead Cherry stem leaning on utility cable which runs through centre of group.	Remove dead stem	10+	C1	10.2	1.8
G123	Field maple (Acer campestre)	S	7	110										3	2	3	2	0-N	0	SM	2 trees growing either side of utility pole. No major defects observed.	None.	10+	C2	5.5	1.3
H124	hedgerow (mixed)	S	2	75										1	1	1	1	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.5	0.9
G125	Ash (Fraxinus excelsior)	M(a)	9	120	100	110								2	2	2	2	0-N	0	SM	2 trees. Tree to south dead.	Remove southern tree	<10	C2	16.5	2.3
H126	hedgerow (mixed)	S	3	75										1	1	1	1	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.5	0.9
H127	hedgerow (mixed)	S	3	75										1	1	1	1	0-N	0	SM	Maintained hedgerow. Very sporadic.	None.	10+	C3	2.5	0.9
H128	hedgerow (mixed)	S	4	80										2	1	2	1	0-N	0	SM	Maintained hedgerow with sporadic emerging trees. Growing on backside to existing A47. One dead Ash specimen to north of group.	Remove dead ash specimen	10+	C3	2.9	1.0
H129	hedgerow (mixed)	S	8	100										3.5	3.5	3.5	3.5	0-E	0	EM	Maintained hedgerow with emerging trees. Older than group to west.	None.	10+	C3	4.5	1.2
G130	Hybrid poplar (Populus serotina/trichocarpa)	S	36	680										10	13	2	11	4.0-E	0.5	M	7 larger trees in group with one semi mature specimens below crowns. Small and large diameter deadwood throughout. Branches are low hanging to east and beginning to encroach on road. 1 specimen Ivy clad and was not possible to fully survey.	None.	20+	B2	209.2	8.2
G131	Leyland cypress (Cupressocyparis leylandii)	S	15	330										2.5	2.5	2.5	2.5	0-N	0	M	Historic buffer planting to A47. Tall slim specimens approx 1.5m spacing with evenly distributed canopies.	None.	10+	C1	49.3	4.0

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
G132	Common lime (Tilia europaea)	S	17	450										2.5	3	4.5	2	0-N	0	M	2 trees. Epicormic growth from base restricted more thorough visual tree assessment.	None.	20+	B2	91.6	5.4
G133	Hybrid poplar (Populus serotina/trichocarpa)	S	35	1000										10	2	10	2	2.0-S	1	M	4 trees in group. One Ivy clad so visibility very low. Measurements estimated due to location.	None.	20+	B2	452.4	12.0
G134	Mixed broadleaves		12	170										2	2	2	2.5	0-N	0	SM	Mixed species group, likely self seeded.	None.	10+	C2		
G135	Hybrid poplar (Populus serotina/trichocarpa)	S	36	560										1.5	5	6	7	3.0-W	0	M	Group of approx 18 specimens. Likely buffer planting to existing A47. Some large diameter deadwood throughout.	None.	20+	B2	141.9	6.7
G136	Leyland cypress (Cupressocyparis leylandii)	S	16	280										1.5	1.5	1.5	1.5	2.0-W	2	M	Likely buffer planting to existing A47. Spacings of approx 1.5m.	None.	10+	C2	35.5	3.4
G137	Common lime (Tilia europaea)	S	17	400										3	3	3	3	0-N	0	EM	Linear group of trees. Growth to ground level making more thorough visual tree assessment hard.	None.	20+	B2	72.4	4.8
G138	Mixed broadleaves	S	20	310										2.5	2.5	2.5	2.5	0-N	0	M	Mixed woodland. Trees to south in poorer condition than those to the north. Significant Ivy cover throughout. Ash dieback present. Dead Elm stems.	Remove dead stems which are within falling distance of highway	10+	C3	43.5	3.7
G139	Mixed broadleaves	S	9	150										2	2	2	2	0-N	0	SM	Young woodland with sporadic Douglas Fir.	None.	10+	C1	10.2	1.8
H140	hedgerow (mixed)	S	5.5	90										1.5	1.5	1.5	1.5	0-N	0	SM	Maintained hedgerow,	None.	10+	C3	3.7	1.1
G141	Field maple (Acer campestre)	S	10	320										3	2	4.5	4	2.0-S	2	SM	2 Field maple, 1 Silver birch and 1 Ash growing on church frontage.	None.	10+	C1	46.3	3.8
G142	Common lime (Tilia europaea)	S	17	410										4	4	4	4	0-N	0	M	Linear group of trees. No major defects observed.	None.	20+	B2	76.1	4.9
G143	Ash (Fraxinus excelsior)	S	13	190										3	1.5	4	1.5	3.0-S	3	SM	Group of either dead or declining Ash trees. Ash dieback prevalent. 3 dead stems to east of group.	Fell to hedgerow height and manage as hedgerow.	<10	U	16.3	2.3
G144	Mixed broadleaves	S	11	180										2	2	2	2	2.5-S	3	SM	Lapsed hedgerow trees. No major defects observed.	None.	10+	C1	14.7	2.2
G145	Mixed broadleaves	S	11	180										2	2	2	2	2.5-S	3	SM	Lapsed hedgerow trees. No major defects observed.	None.	10+	C1	14.7	2.2
H146	hedgerow (mixed)	S	4	80										1.5	1.5	1.5	1.5	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.9	1.0

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
G147	Ash (Fraxinus excelsior)	S	10	160										3	3	2	3.5	0-W	0.5	SM	Lapsed hedgerow trees. 3 specimens. Ash dieback present.	None.	<10	U	11.6	1.9
H148	hedgerow (mixed)	S	4	80										1.5	1.5	1.5	1.5	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.9	1.0
G149	Mixed broadleaves	S	20	350										3	3	3	3	0-N	0	M	Mixed species woodland. 4 pounds within woodland, some areas inaccessible.	None.	20+	B3	55.4	4.2
H150	hedgerow (mixed)	S	3.5	80										1.5	1.5	1.5	1.5	0-N	0	SM	Maintained hedgerow. Sporadic along southern strip.	None.	10+	C3	2.9	1.0
G151	Ash (Fraxinus excelsior)	M(a)	7	90	110									2	2	2	2	2.0-W	2.5	SM	2 declining trees. Ivy clad.	None.	<10	U	9.1	1.7
G152	Hybrid poplar (Populus serotina/trichocarpa)	S	18	320										2	1	2.5	1	2.0-S	2	EM	Linear group abutting bowls club. No major defects observed. Access restricted.	None.	20+	B2	46.3	3.8
G153	Mixed broadleaves	S	15	200										2	2	2	2	0-N	0	EM	Mixed buffer planting along south of existing A47. Access restricted in areas due to land access arrangements.	None.	10+	C3	18.1	2.4
H154	hedgerow (mixed)	S	3	75										1	1	1	1	0-N	0	SM	Hedgerow of conifers and elms. Maintained.	None.	10+	C3	2.5	0.9
H155	hedgerow (mixed)	S	2	75										0.5	0.5	0.5	0.5	0-N	0	SM	Maintained hedgerow.	None	10+	C3	2.5	0.9
H156	Mixed broadleaves	S	5	120										2	1.5	1.5	1.5	0-N	0	SM	Unmanaged hedgerow. Dead elm stems present.	None.	10+	C2	6.5	1.4
G157	Sycamore (Acer pseudoplatanus)	S	16	410										6	3	5	6	3.0-N	2	EM	No significant defects observed.	None.	20+	B2	76.1	4.9
H158	hedgerow (mixed)	S	2.5	75										1	1	1	1	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.5	0.9
G159	Mixed broadleaves	S	8	170										1.5	1.5	1.5	1.5	0-N	0	SM	Mixed buffer planting. No major defects observed.	None.	10+	C1	13.1	2.0
G160	Mixed broadleaves	S	6	80										2	1	1	1	0-N	0	SM	Roadside managed upto 2m.	None.	10+	C3	2.9	1.0
G161	Mixed broadleaves	S	8	110										1	1	1	2.5	0.5-N	0.5	Y	Likely self seeded trees growing on roadside. Comprising 1 Oak, 1 Elm, 1 Field Maple and 1 Hawthorn.	None.	10+	C1	5.5	1.3

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
G162	Sycamore (Acer pseudoplatanus)	M(b)	13	75	300	170	150	210	180					5	6.5	4	4.5	0-N	0	EM	Significant Ivy cover throughout restricted more thorough visual tree assessment. Considerable epicormic growth. Lapsed hedgerow trees.	None.	10+	C1	88.8	5.3
G163	Mixed broadleaves	S	7	100										2	2	2	2	0-N	0	SM	Group containing a number of dead Elm specimens.	Remove dead Elm stems to prevent falling into road.	10+	C3	4.5	1.2
G164	Beech (Fagus sylvatica)	S	14	420										5	3	5	3	1.0-E	0	EM	Planted in linear formation in close proximity. No major defects observed.	None.	20+	B1	79.8	5.0
G165	Lawsons cypress (Chamaecyparis lawsoniana)	S	20	600										3	3	3	3	0.5-N	0	M	Planted in linear group. No major defects observed,	None.	20+	B2	162.9	7.2
H166	Hazel (Corylus avellana)	S	6	75										1	1	1	1	0-N	0	SM	Maintained hedgerow on roadside. One Field Maple to N of group. No major defects observed.	None.	10+	C3	2.5	0.9
H167	hedgerow (mixed)	S	2	75										0.5	0.5	0.5	0.5	0-N	0	Y	Maintained hedgerow. Sporadic in places.	None.	10+	C3	2.5	0.9
G168	Ash (Fraxinus excelsior)	S	8.5	140										3	3	3	3	3.0-E	3	SM	Small group comprising approx 3 specimens within hedgerow. Base obscured due to location.	None.	10+	C2	8.9	1.7
G169	Ash (Fraxinus excelsior)	S	11	120										1	2	1	1.5	2.5-E	0	SM	Lapsed hedgerow trees. Comprising 5 Ash and 2 Lime.	None.	10+	C1	6.5	1.4
H170	hedgerow (mixed)	S	2.5	75										1	1	1	1	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.5	0.9
H171	hedgerow (mixed)	S	8.5	80										1	1	1	1	0-N	0	SM	Unmanaged hedgerow. Emerging Hazel specimens creating double layer hedgerow.	None.	10+	C1	2.9	1.0
G172	Pedunculate/common oak (Quercus robur)	S	8.5	220										3.5	3.5	1	5	2.0-S	2.5	SM	Lapsed hedgerow trees. Approx 3 specimens.	None.	10+	C1	21.9	2.6
G173	Ash (Fraxinus excelsior)	S	13	150										2	2	2	2	3.0-E	2	SM	Significant Ivy cover throughout restricted more thorough visual tree assessment. Growing within hedgerow. Ash dieback present.	None.	10+	C3	10.2	1.8
H174	Goat willow (Salix caprea)	S	3	75										1	1	1	1	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.5	0.9
G175	Ash (Fraxinus excelsior)	S	12	250										3	2	4	2.5	4.0-N	4	EM	Trees growing within hedgerow so access restricted. No major signs of dieback. 4 specimens.	None.	10+	C1	28.3	3.0
H176	Mixed broadleaves	S	6	90										1.5	1.5	1.5	1.5	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	3.7	1.1

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
G177	Ash (Fraxinus excelsior)	S	11	290										4	4	4	3	2.5-W	2	EM	2 trees growing within 1m of each other. Ash dieback present, 20% of crown dead. Suckering from base.	Remove	<10	U	38.1	3.5
G178	Mixed broadleaves	S	3.5	75										1	1	1	1	0.5-N	0	Y	Sporadic group of 7 tree comprising Oak, Alder and Hawthorn.	None.	10+	C3	2.5	0.9
H179	Hawthorn species (Crataegus spp)	S	3	75										1	1	1	1	0-N	0	SM	Fragmented hedgerow with some very young trees.	None.	10+	C3	2.5	0.9
H180	hedgerow (mixed)	S	2.5	75										1	1	1	1	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.5	0.9
H181	hedgerow (mixed)	S	2.5	75										1	1	1	1	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.5	0.9
G182	Ash (Fraxinus excelsior)	S	7	90										1.5	1.5	1.5	1.5	1.0-S	2	SM	Lapsed hedgerow trees. Approx 5 stems.	None.	10+	C3	3.7	1.1
G183	Ash (Fraxinus excelsior)	M(a)	15	170	160	140	140	150						2	4.5	3.5	5	4.5-E	4.5	EM	Group of 3 trees. Growing within hedgerow so access restricted. Minor dieback.	Remove deadwood overhanging road.	10+	C1	52.6	4.1
G184	Mixed broadleaves	S	16	160										1.5	1.5	1.5	1.5	5.0-W	6.5	SM	Scots Pine present to northern half of woodland. Recently planted and managed. Deadwood and natural regeneration throughout.	None.	20+	B3	11.6	1.9
H185	hedgerow (mixed)	S	5	75										1.5	1.5	1.5	1.5	0-N	0	SM	Unmanaged hedgerow. Sporadic.	None.	10+	C3	2.5	0.9
G186	Mixed broadleaves	S	18	190										2	2	2	2	6.0-E	5.5	SM	Predominantly Ash. Relatively young specimens.	None.	10+	C1	16.3	2.3
H187	hedgerow (mixed)	S	4.5	75										1	1	1	1	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.5	0.9
H188	hedgerow (mixed)	S	2	75										0.5	0.5	0.5	0.5	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.5	0.9
H189	hedgerow (mixed)	S	3	75										0.5	0.5	0.5	0.5	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.5	0.9
H190	Hazel (Corylus avellana)	M(a)	3	75										0.5	2.5	0.5	2.5	0-E	0	EM	Unmanaged hedgerow of Lime, Hazel, Hawthorn, Blackthorn. Under 75mm dbh.	None.	10+	C2	2.5	0.9
G191	Ash (Fraxinus excelsior)	S	13	1400	120									4	4.5	5	4	3.0-S	2.5	SM	Small group on car park entrance, minor deadwood throughout.	None.	10+	C2	707.0	15.0

Tree Ref No.	Species	Single or Multiple Stem (S or M)	Height (m)	Stem Diameter (mm) S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	Branch Spread (m) N	E	S	W	Crown Clearance (m) (1)	(2)	Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area (m^2)	(radius in m)
G192	Ash (Fraxinus excelsior)	S	12	200										2.5	2.5	2.5	2.5	0.5-S	1	SM	Group of Field Maple, Ash, Cherry, Hornbeam, Oak, Apple, Sweet Chestnut. Even aged throughout.	None.	20+	B2	18.1	2.4
G193	Wild cherry/gean (Prunus avium)	S	9	180										2.5	2.5	2.5	2.5	1.0-S	2	SM	Cherry group with Elder understorey	None.	10+	C2	14.7	2.2
G194	Hawthorn species (Crataegus spp)	S	4	100										1.5	1.5	1.5	1.5	0.5-N	0.5	M	Low quality scrub.	None.	10+	C1	4.5	1.2
H195	Hawthorn species (Crataegus spp)	S	6.5	150										1.5	1.5	1.5	1.5	0-N	0	M	Mature unmanaged hedgerow, mainly comprising Hawthorn with Field Maple and Ash.	None.	20+	C2	10.2	1.8
G196	Pedunculate/common oak (Quercus robur)	S	14	200										3	3	3	3	0.5-S	0.5	SM	Even aged group, Oak, Cherry, ash, Field Maple, Rowan, Horse Chestnut. Overall good physiological condition. Crown height at woodland edge 0.5m and within wood 3m. Circa 3m spacing throughout.	None.	20+	B3	18.1	2.4
H197	Hawthorn species (Crataegus spp)	S	5	110										2.5	2.5	2.5	2.5	0-S	0	Y	Unmanaged hedgerow of Hazel, Lime, Hawthorn, Field Maple. Under 75mm dbh.	None.	10+	C2	5.5	1.3
G198	Leyland cypress (Cupressocyparis leylandii)	S	3.5	90										1	1	1	1	0-E	0	M	Maintained garden hedge.	None.	10+	C2	3.7	1.1
H199	Hawthorn species (Crataegus spp)	S	2	75										0.5	0.5	0.5	0.5	0-W	0	M	Maintained hedgerow.	None.	10+	C2	2.5	0.9
G200	Lawsons cypress (Chamaecyparis lawsoniana)	S	4	150										0.5	0.5	0.5	0.5	0-S	0	EM	Small group in garden comprising 2 Conifers. Good physiological condition.	None.	10+	C2	10.2	1.8
G201	Ash (Fraxinus excelsior)	S	9	330										3	3	3	3	2.0-S	2	SM	Even aged group, Ash, Hazel, Oak, Willow, Italian Alder, Scots Pine, Cherry. Overall good physiological condition.	None.	<10	C2	49.3	4.0
G202	Ash (Fraxinus excelsior)	S	12	180										3	3	3	3	0.5-N	3	SM	Even aged roadside plantation, comprises Oak, Ash, Scots Pine, Hazel, Willow. Overall good health.	None.	10+	C2	14.7	2.2
G203	Ash (Fraxinus excelsior)	S	9.5	200										2.5	2.5	2.5	2.5	0.5-N	2	SM	Even aged roadside group overall good health Oak, Ash, Scots Pine, Hazel and Willow.	None.	10+	C2	18.1	2.4
H204	Hazel (Corylus avellana)	S	7	140										1.5	1.5	1.5	1.5	2.0-N	2	M	Semi managed roadside hedgerow with standards. Hazel, Hawthorn, Cherry and Field Maple.	None.	10+	C2	8.9	1.7
H205	Hazel (Corylus avellana)	S	4	80										1	0.5	3	0.5	0.5-N	0.5	M	Semi managed hedgerow, Hazel, Hawthorn, Elder and Cherry. No obvious defects observed.	None.	10+	C2	2.9	1.0
G206	Ash (Fraxinus excelsior)	S	12	180										2	2	2	2	2.0-N	3	SM	Even aged roadside group in good overall health, comprising Oak, Ash, Scots Pine, Hazel, Willow and Hawthorn.	None.	10+	C2	14.7	2.2

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
G207	Pedunculate/common oak (Quercus robur)	S	17	80										7	7	7	7	5.0-W	5.5	M	Group of mature Oak and Ash with scrub understorey surrounding small pond. Several trees heavily Ivy clad. Good physiological and structural condition.	None.	20+	B1	2.9	1.0
G208	Ash (Fraxinus excelsior)	S	10	180										2	2	2	2	0.5-E	1	SM	Even aged group, with Hazel and Hawthorn understorey. Predominantly Oak and Ash with Field Maple and Cherry. Good physiological and structural condition.	None.	10+	C2	14.7	2.2
G209	Ash (Fraxinus excelsior)	S	9	210										2.5	2.5	2.5	2.5	0.5-S	4	SM	Even aged group of Ash, Oak, Scots Pine and Cherry. Hazel/Willow/Hawthorn understorey. Good physiological and structural condition. Clearance within group is 3m and 0.5m around group boundary.	None.	10+	C2	20.0	2.5
G210	Ash (Fraxinus excelsior)	S	3.5	90										1.5	1.5	1.5	1.5	1.5-N	1.5	Y	Sporadic group on embankment, with scattered Blackthorn and Field Maple under 75mm dbh.	None.	10+	C2	3.7	1.1
G211	Ash (Fraxinus excelsior)	S	11	230										3	3	3	3	0.5-N	4	SM	Even aged group of Ash, Oak and Hazel. Good physiological and structural condition.	None.	10+	C2	23.9	2.8
G212	Ash (Fraxinus excelsior)	S	9.5	220										3.5	2.5	3	3	4.0-N	3.5	SM	Ash Dieback present. Even aged Ash group with Hazel and Hawthorn understorey.	None.	10+	C2	21.9	2.6
G213	Ash (Fraxinus excelsior)	S	10	260										3.5	2	3.5	2	1.0-N	1	SM	Even aged group, with Hazel understorey. Good physiological and structural condition. Largely comprising Cherry, Ash, Oak and Field Maple . Group partially grows on side of steep embankment. Becomes sparse at Eastern end of group tapering into scrub.	None.	10+	C2	30.6	3.1
G214	Field maple (Acer campestre)	S	4	130										2.5	1.5	2.5	1.5	0.5-N	0.5	Y	Unmanaged hedge of Field Maple and Hawthorn planted on top of embankment, to mark field boundary. Good physiological and structural condition.	None.	10+	C2	7.6	1.6
G215	Norway spruce (Picea abies)	S	15	320										1.5	1.5	1.5	1.5	4.0-E	4	EM	Three Ivy clad trees. Base obscured due to hedgerow. Spare crowns and close proximity planting.	None.	10+	C2	46.3	3.8
G216	Birch (downy/silver) (Betula pubescens/pendula)	M(a)	11	260	260									5	2	4	5	1.0-S	1	M	4 trees growing as a linear feature. No major defects noted, though all are twin stemmed and have tight compression forks.	None.	20+	B1	61.2	4.4
G217	Pedunculate/common oak (Quercus robur)	S	8	150										3	3	3	3	0.5-N	0.5	SM	4 Hawthorn and 2 Oak.	None.	10+	C3	10.2	1.8
H218	Hedgerow (mixed)	S	3	75										1	1	1	1	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.5	0.9
G219	Hawthorn species (Crataegus spp)	S	4	75										1.5	1	1	1	0-N	0	Y	Group of 5 Hawthorn and 1 Oak with young understorey growth.	None.	10+	C3	2.5	0.9
G220	Blackthorn (Prunus spinosa)	S	4.5	75										1	1	1	1	0-N	0	Y	Scrub area with young, emerging specimens throughout.	None.	10+	C3	2.5	0.9
G221	Other cherry spp (Prunus spp)	S	7	90										3	1	0.5	1	0.5-N	0	Y	11 specimens, the majority with cambium layer missing at base and signs of Bleeding Canker throughout. Infection likely to progress fast.	Remove	<10	U	3.7	1.1

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
G222	Mixed broadleaves	S	8	120										1	1	1	1	0-N	0	SM	Mix of species. Approx. 10 dead, Ivy clad Elm stems and one larger, living Elm specimen within group.	Reduce all Elms to approx 4m to ensure existing A47 remains clear when stems collapse.	<10	U	6.5	1.4
G223	Ash (Fraxinus excelsior)	M(a)	13	280	250	75	100							3	3	3.5	2.5	4.0-S	4	EM	Group of approx. 8 Ash, with multiple stems and close proximity growth. All with different stages of Ash dieback. Tall, slender specimens.	Reduce worst affected Ash to 5m.	<10	U	70.8	4.7
G224	Blackthorn (Prunus spinosa)	S	4	75										1	1	1	1	0-N	0	SM	Scrub area with emerging trees.	None.	10+	C3	2.5	0.9
G225	Mixed broadleaves	S	18	290										2	2	2	2	6.0-N	8	EM	Predominantly Ash with some excellent Field Maple specimens, Oak, Cherry and 2 Conifers to western periphery. Minor Ash dieback noted.	None.	20+	B3	38.1	3.5
H226	Hawthorn species (Crataegus spp)	S	7	75										1.5	1.5	1.5	1.5	0-N	0	SM	Lapsed hedgerow.	None.	10+	C3	2.5	0.9
G227	Mixed broadleaves	S	12	190										2	2	2	2	4.0-E	3	SM	Mixed woodland feature with sporadic Larch specimens.	None.	20+	B3	16.3	2.3
H228	hedgerow (mixed)	S	6	80										1.5	1.5	1.5	1.5	0-N	0	EM	Lapsed hedgerow.	None.	10+	C3	2.9	1.0
H229	hedgerow (mixed)	S	3	75										1	1	1	1	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.5	0.9
H230	hedgerow (mixed)	S	2	75										0.5	0.5	0.5	0.5	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.5	0.9
H231	hedgerow (mixed)	S	5	80										1	1	1	1	0-N	0	SM	Unmanaged hedgerow.	None.	10+	C3	2.9	1.0
G232	Mixed broadleaves	S	14	250										2.5	2.5	2.5	2.5	0-N	0	SM	Mixed planting including some Pines and Conifer species. Close proximity planting.	None.	20+	B1	28.3	3.0
H233	hedgerow (mixed)	S	6	75										2	2	2	2	0-N	0	SM	Maintained hedgerow with some emerging trees.	None.	10+	C3	2.5	0.9
H234	hedgerow (mixed)	S	3	75										1	1	1	1	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.5	0.9
G235	Pedunculate/common oak (Quercus robur)	S	4	75										0.5	0.5	0.5	0.5	0-N	0	Y	Self seeded group.	None.	10+	C3	2.5	0.9
G236	Pedunculate/common oak (Quercus robur)	S	11	310										5	5	5	5	1.0-N	0.5	SM	17 trees. Bases obscured due to scrub growth. No obvious defects observed.	None.	20+	B1	43.5	3.7

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
G237	Sycamore (Acer pseudoplatanus)	S	12	280										4.5	4.5	4.5	4.5	1.5-E	1	SM	6 specimens growing in linear form. Base obscured due to Blackthorn growth.	None.	20+	B1	35.5	3.4
G238	Blackthorn (Prunus spinosa)	S	4	75										1.5	1.5	1.5	1.5	0-N	0	SM	Approx. 20 stems.	None.	10+	C3	2.5	0.9
H239	Blackthorn (Prunus spinosa)	S	4	75										1.5	1.5	1.5	1.5	0-N	0	SM	Growing in hedgerow formation.	None.	10+	C3	2.5	0.9
G240	Ash (Fraxinus excelsior)	S	12	180										2.5	2.5	2.5	2.5	2.0-N	3.5	SM	Group of 7 trees. Approx 80% of crowns dead, likely due to Ash Dieback.	Remove	<10	U	14.7	2.2
G241	Ash (Fraxinus excelsior)	S	14	130										1.5	1.5	1.5	1.5	7.0-S	8	SM	Group of 3 trees. Approx 80% of crowns dead, likely due to Ash Dieback.	Remove	<10	U	7.6	1.6
G242	Mixed broadleaves	S	10	280										5	5	5	5	0-N	0	SM	Linear buffer feature, now resembling woodland with understorey growth and natural regeneration. Predominantly Field Maple, but Oak and Ash present too. Ash prevalent to south of group abutting existing A47.	None.	20+	B3	35.5	3.4
G243	Beech (Fagus sylvatica)	S	18	450										6	6	6	6	0.5-N	0	SM	Group of 7 Copper Beech. Good physiology and structure.	None.	20+	B2	91.6	5.4
H244	hedgerow (mixed)	S	6	75										1	1	1	1	0-N	0	SM	Recently established hedgerow on boundary of woodland.	None.	10+	C3	2.5	0.9
G245	Mixed broadleaves	S	21	330										2.5	2.5	2.5	2.5	5.0-W	7	SM	Predominantly Oak woodland, with other broadleaf species growing sporadically.	None.	40+	A3	49.3	4.0
G246	Field maple (Acer campestre)	S	11	240										3	3	3	3	0-N	0	SM	Predominantly Field Maple with other species sporadically placed. Buffer planting.	None.	10+	C3	26.1	2.9
G247	Hawthorn species (Crataegus spp)	S	7	90										2	2	2	2	0-N	0	SM	No significant defects observed.	None.	10+	C3	3.7	1.1
G248	Mixed conifers	S	15	270										3	3	3	3	2.0-E	1	SM	Mix of Larch and Pine. 4 dead specimens, 2 of which have failed.	None.	10+	C1	33.0	3.2
G249	Pedunculate/common oak (Quercus robur)	S	15	290										4	3	2	2	1.5-S	2	SM	12 trees, 7 of which are Oak. Hawthorn, Hornbeam and Ash also present.	None.	10+	C1	38.1	3.5
H250	hedgerow (mixed)	S	8	80										2	2	2	2	0-N	0	EM	Historic hedgerow, now lapsed.	None.	10+	C3	2.9	1.0
H251	hedgerow (mixed)	S	3	75										0.5	0.5	0.5	0.5	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.5	0.9

Tree Ref No.	Species	Single or Multiple Stem (S or M)	Height (m)	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
				S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
H252	hedgerow (mixed)	S	4.5	75										1	1	1	1	0-N	0	SM	Poor quality hedgerow.	None.	10+	C3	2.5	0.9
G253	Mixed broadleaves	S	12	160										2.5	2.5	2.5	2.5	0-N	0	SM	Linear group of trees along western side of track. Northern section growing over roof of barn.	None.	10+	C3	11.6	1.9
G254	Aspen (Populus tremula)	S	23	320										4.5	4.5	4.5	4.5	4.0-E	1.5	SM	17 individual stems. Access restricted due to scrub growth. Linear feature.	None.	20+	B2	46.3	3.8
G255	Mixed broadleaves	S	22	460										6	6	6	6	1.0-E	0.5	EM	Predominantly Lime and Ash. 1 Dead Ash specimen to north east of group. Access restricted due to scrub growth.	None.	20+	B2	95.7	5.5
G256	Mixed broadleaves	S	10	130										2.5	2.5	2.5	2	0-N	0	SM	Growing along east side of track.	None.	10+	C3	7.6	1.6
G257	Blackthorn (Prunus spinosa)	S	6	75										1	1	1	1	0-N	0	SM	Growing at base of utility poles.	None.	10+	C3	2.5	0.9
H258	hedgerow (mixed)	S	3	75										1	1	1	1	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.5	0.9
H259	hedgerow (mixed)	S	3	75										1	1	1	1	0-N	0	SM	Maintained hedgerow. Very sporadic.	None.	10+	C3	2.5	0.9
H260	hedgerow (mixed)	S	6	75										1	1	1	1	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.5	0.9
H261	hedgerow (mixed)	S	3	75										1	1	1	1	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.5	0.9
G262	Mixed broadleaves	S	4.5	75										0.5	0.5	0.5	0.5	1.0-N	1	Y	Recently planted trees still with grow tubes around base. Approx 1000 individual specimens.	None.	10+	C3	2.5	0.9
G263	Mixed broadleaves		8.5	170										2	2	2	2	0-N	0	SM	3 trees in close proximity with shared crown.	None.	10+	C2		
H264	Blackthorn (Prunus spinosa)	S	5	75										1	1	1	1	0-N	0	SM	Maintained hedgerow. Sporadic.	None.	10+	C3	2.5	0.9
G265	Pedunculate/common oak (Quercus robur)	S	8	190										3	3	3	3	1.5-E	1	SM	4 Oak and 1 Hawthorn growing within scrub area so bases were obscured. Likely self seeded specimens.	None.	10+	C1	16.3	2.3
G266	Hawthorn species (Crataegus spp)	S	5	90										2	2	2	2	0.5-N	0.5	SM	No major defects observed.	None.	10+	C3	3.7	1.1

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
G267	Pedunculate/common oak (Quercus robur)	S	11	270										3.5	3.5	3.5	3.5	1.0-N	1	SM	24 trees. Growing in close proximity with approx 5 young Ash present.	None.	20+	B3	33.0	3.2
G268	Ash (Fraxinus excelsior)	M(b)	18	170	170	200	200	150	100					2.5	2.5	2.5	2.5	2.0-W	1.5	M	No significant defects observed.	None.	20+	B3	73.9	4.8
G269	Blackthorn (Prunus spinosa)	S	5	75										1.5	1.5	1.5	1.5	0-N	0	SM	Unmanaged group.	None.	10+	C3	2.5	0.9
G270	Blackthorn (Prunus spinosa)	S	5	75										1	1	1	1	0-N	0	Y	Blackthorn thicket.	None.	10+	C3	2.5	0.9
G271	Mixed broadleaves	S	6	75										1	1	1	1	0-N	0	Y	Scrub group. Emerging trees.	None.	<10	U	2.5	0.9
H272	hedgerow (mixed)	S	4	75										1	1	1	1	0-N	0	SM	Unmanaged hedgerow with emerging trees.	None.	10+	C3	2.5	0.9
G273	Pedunculate/common oak (Quercus robur)	S	11	230										2	2	5	2	2.0-S	1	SM	5 Oak and 3 Hawthorn. Growing in close proximity.	None.	10+	C3	23.9	2.8
H274	hedgerow (mixed)	S	6	75										1	1	1	1.5	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.5	0.9
G275	Hawthorn species (Crataegus spp)	M(a)	7	120	130									1.5	1.5	1.5	1.5	0-E	0	SM	5 Hawthorn and 5 Elder.	None.	10+	C3	14.2	2.1
H276	hedgerow (mixed)	S	5.5	90										1.5	1.5	1.5	1.5	0-N	0	SM	Unmanaged hedgerow.	None.	10+	C3	3.7	1.1
G277	Hybrid poplar (Populus serotina/trichocarpa)	S	18	280										2	2	2	2	1.0-N	0	SM	33 specimens. Bases obscured due to scrub.	None.	10+	C1	35.5	3.4
G278	Alder (Alnus spp)	M(a)	17	160	180	220	230							3	3	3	3	1.5-E	1	EM	Predominantly Alder with other broadleaves and 1 Scots Pine growing in wet area.	None.	10+	C3	72.1	4.8
G279	Mixed broadleaves	S	5	75										1.5	1	1	1	0-N	0	Y	Self seeded group growing against footpath.	None.	10+	C3	2.5	0.9
H280	hedgerow (mixed)	S	5.5	90										1.5	1.5	1.5	1.5	0-N	0	EM	Maintained hedgerow.	None.	10+	C3	3.7	1.1
H281	Mixed broadleaves	S	6	100										2	2	2	2	0-N	0	SM	Unmanaged hedgerow.	None.	10+	C3	4.5	1.2

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
G282	Pedunculate/common oak (Quercus robur)	S	11	430										4.5	4.5	4.5	4.5	1.5-E	1.5	SM	Mix of Oak, Field Maple and 1 Hawthorn. Approx. 7 trees of which access was restricted to due to being located on steep bank around pond.	None.	10+	C1	83.7	5.2
H283	hedgerow (mixed)	S	2	75										0.5	0.5	0.5	0.5	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.5	0.9
G284	Mixed broadleaves	S	16	330										3.5	3.5	3.5	3.5	2.5-W	2.5	EM	2 Crab Apple, 1 Medlar and 1 Oak. Access restricted to surrounding area.	None.	10+	C1	49.3	4.0
H285	hedgerow (mixed)	S	3.5	90										1	1	1		0-N	0	SM	Maintained hedgerow.	None.	10+	C3	3.7	1.1
G286	Mixed broadleaves	S	22	360										3.5	3.5	3.5	3.5	3.0-N	1	EM	Mixed woodland.	None.	40+	A3	58.6	4.3
G287	Mixed broadleaves	S	12	240										3	3	3	3	0.5-N	3	SM	No access to area, so observations limited.	None.	10+	C2	26.1	2.9
G288	Mixed broadleaves	S	6	120										1.5	1.5	1.5	1.5	0-N	0	SM	Boggy area, with declining trees and natural regeneration.	None.	10+	C3	6.5	1.4
G289	Mixed broadleaves	S	18	240										2	3	3	2	5.0-E	5	EM	Close proximity growth. Tall, slim specimens.	None.	10+	C1	26.1	2.9
G290	White willow (Salix alba)	S	19	600										6	6	6	6	1.0-S	1	M	Pollarded at 6m with prolific regeneration. No access to base.	Re-Pollard	10+	C1	162.9	7.2
G291	Mixed broadleaves	S	17	420										5	5	5	5	1.0-S	1	EM	Linear group abutting existing A47. No access to base.	None.	10+	C1	79.8	5.0
G292	Mixed broadleaves	S	12	310										4	4	4	4	0-N	0	EM	Mix of Hawthorn, Willow and Oak, growing around dry pond on steep incline.	None.	10+	C3	43.5	3.7
G293	Mixed broadleaves	S	12	260										4	2	3	2	2.0-N	2	SM	Significant Ivy cover throughout group restricted more thorough visual tree assessment. Close proximity buffer planting. Minor deadwood. Also includes sporadic Black Pine specimens.	None.	20+	B3	30.6	3.1
G294	Leyland cypress (Cupressocyparis leylandii)	S	10	380										2	2	2	2	1.5-N	0.5	EM	5 specimens. Base obscured due to log pile. No obvious defects observed.	None.	10+	C2	65.3	4.6
G295	other cherry spp (Prunus spp)	S	7	130										3	1.5	1.5	1.5	1.0-N	0.5	SM	10 specimens growing in linear formation. No obvious defects observed.	None.	10+	C1	7.6	1.6
G296	Nordmann fir (Abies nordmanniana)	S	7	150										1	1	1	1	0-N	0	Y	No major defects observed. 5 specimens.	None.	10+	C2	10.2	1.8

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
G297	Alder (Alnus spp)	M(a)	18	250	290									5	2.5	6	2.5	3.5-N	0.5	EM	Group of approx 35 trees. Most are multi-stemmed. Minimal sidebranching. Generally of good vigour.	None.	20+	B3	66.3	4.6
G298	Alder (Alnus spp)	S	20	360										6	3	5	3	2.5-N	0.5	EM	Approx. 38 specimens. Tall slim specimens.	None.	20+	B3	58.6	4.3
G299	Alder (Alnus spp)	M(a)	19	170	330									4.5	1	3	6	1.0-W	0.5	EM	Approx. 20 specimens, most of which are multi-stemmed.	None.	20+	B3	62.3	4.5
G300	Alder (Alnus spp)	M(a)	17	390	130	230	160							6	6	2	6	0.5-W	0	EM	Approx. 40 specimens. No obvious defects observed.	None.	20+	B3	112.0	6.0
G301	Hazel (Corylus avellana)	M(b)	8.5	75	75	75	75	75	75	75				5	5	5	5	0-N	0	EM	Coppiced stools. Approx 30 stems, although most are under 75mm threshold.	None.	20+	B3	17.8	2.4
G302	Blackthorn (Prunus spinosa)	S	4	75										0.5	0.5	0.5	0.5	0-N	0	SM	Blackthorn thicket.	None.	10+	C3	2.5	0.9
G303	Alder (Alnus spp)	M(a)	20	370	250									5	4	4	6	0.5-E	0.5	EM	Approx. 80 specimens. No obvious defects observed.	None.	20+	B3	90.2	5.4
G304	Mixed broadleaves	M(a)	13	200	150	290	110	230						4	4	3	3	0-N	0	EM	Linear tree group. Predominantly Field Maple and Hawthorn.	None.	20+	B3	95.7	5.5
G305	Mixed broadleaves	M(a)	19	180	220	270								4	4	4	4	0-N	0	M	Predominantly Goat Willow and Alder. Dense group with restricted access. Upwards of 300 trees.	None.	20+	B3	69.5	4.7
G306	Mixed broadleaves	S	12	290										2.5	2.5	2.5	2.5	0.5-N	0	SM	Mix of trees including Oak, Field Maple and Hawthorn.	None.	10+	C3	38.1	3.5
G307	Hawthorn species (Crataegus spp)	S	3.5	130										1.5	1.5	1.5	1.5	0-N	0	SM	Approx. 10 trees. No significant defects observed.	None.	10+	C3	7.6	1.6
G308	Mixed broadleaves	S	10	190										3	3	3	3	0.5-W	0	SM	Predominantly scrubby Hawthorn with sporadic Oaks emerging.	None.	10+	C3	16.3	2.3
G309	Pedunculate/common oak (Quercus robur)	S	7	300										5	5	5	5	1.5-S	1	SM	8 specimens. Establishing trees in good condition.	None.	10+	C2	40.7	3.6
G310	Blackthorn (Prunus spinosa)	S	6	75										1	1	1	1	0-N	0	SM	Blackthorn thicket with sporadic Hawthorn.	None.	10+	C3	2.5	0.9
G311	Ash (Fraxinus excelsior)	S	10	260										2	2	2	2	0.5-N	0.5	SM	Approx. 8 trees with Hawthorn and scrub to base.	None.	10+	C3	30.6	3.1

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
G312	Pedunculate/common oak (Quercus robur)	S	7	230										3	3	3	3	1.0-S	0.5	SM	Approx. 6 Oak with Hawthorn to base. No significant defects observed.	None.	10+	C3	23.9	2.8
G313	Mixed broadleaves	S	12	170										3	3	3	3	0.5-E	0.5	SM	Mixed sporadic group with understory scrub obscuring bases. Ash dieback prevalent throughout. Cherry trees in north west corner.	None.	10+	C3	13.1	2.0
G314	Mixed broadleaves	S	14	180										2	2	2	2	2.0-S	2.5	SM	Largely Ash, which has dieback and a number of dead stems were present. Understorey of Hawthorn and Field Maple.	None.	10+	C3	14.7	2.2
G315	Lawsons cypress (Chamaecyparis lawsoniana)	S	13	170										2	2	2	2	2.0-N	2	SM	Linear group along side of property.	None.	10+	C2	13.1	2.0
G316	Pedunculate/common oak (Quercus robur)	S	5.5	190										2.5	2.5	2.5	2.5	1.0-S	1	SM	Group of 4 Oak, 1 Ash and Hawthorn. Bases obscured due to scrub growth.	None.	10+	C3	16.3	2.3
G317	Mixed broadleaves	S	21	440										6	6	6	6	5.5-S	3	EM	Mixed species woodland. Predominantly Silver Birch, Oak and Cherry.	None.	20+	B1	87.6	5.3
H318	hedgerow (mixed)	S	2.5	75										1	1	1	1	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.5	0.9
G319	Field maple (Acer campestre)	M(a)	10	160	150	140	200							4	3	3	3	0-E	0	EM	5 trees growing along road frontage above adjacent land. Epicormic growth managed as part of hedgerow. No obvious defects observed.	None.	20+	B3	48.7	3.9
H320	hedgerow (mixed)	S	2.5	75										1	1	1	1	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.5	0.9
G321	Ash (Fraxinus excelsior)	S	12	200										4	2	4	2	1.5-N	2	SM	10 specimens. Minor Ash Dieback present.	None.	10+	C3	18.1	2.4
G322	Pedunculate/common oak (Quercus robur)	S	12	200										4	1	4	1	1.0-S	0.5	SM	7 Oak and 2 Ash in linear group. Close proximity growth. Ash have minor Dieback.	None.	10+	C3	18.1	2.4
G323	Pedunculate/common oak (Quercus robur)	S	6.5	160										3.5	2.5	3	3	1.0-W	0.5	Y	2 trees growing in close proximity with shared crown. No obvious defects observed.	None.	10+	C3	11.6	1.9
G324	Mixed broadleaves	S	15	200										1.5	1.5	1.5	1.5	4.0-W	5	SM	Woodland trees with close proximity growth. Trees on roadside with significant Ivy cover throughout.	Sever ivy on road frontage trees	20+	B3	18.1	2.4
H325	hedgerow (mixed)	S	2.5	75										1	1	1	1	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.5	0.9
H326	hedgerow (mixed)	S	2.5	75										1	1	1	1	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.5	0.9

Tree Ref No.	Species	Single or Multiple Stem	Height	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
		(S or M)	(m)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
G327	Ash (Fraxinus excelsior)	S	17	170										2	2	2	2	7.0-N	5	SM	Approx 25 trees, with minor dieback and some natural mixed regeneration below.	None.	10+	C3	13.1	2.0
G328	Hazel (Corylus avellana)	M(b)	7	75	75	75	75	75	75	75	75			3	3	2	3	0-N	0	SM	Approx 15 Hazel stools with upwards of 20 stems, most of which are under the 75mm threshold.	None.	10+	C3	20.4	2.5
H329	Mixed broadleaves	S	4.5	90										1	1	1	1	0-N	0	SM	Unmanaged hedgerow with emerging trees.	None.	10+	C3	3.7	1.1
H330	hedgerow (mixed)	M(a)	7	75	75	80	90							2	1.5	2.5	2	1.0-N	0.5	EM	Lapsed hedgerow with no access around base.	None.	10+	C2	11.7	1.9
G331	Mixed broadleaves	S	12	260										3	3	3	3	1.0-N	0.5	SM	Limited to access to trees.	None.	10+	C2	30.6	3.1
G332	Hawthorn species (Crataegus spp)	S	6	130										1.5	1.5	1.5	1.5	0-N	0	SM	Approx 6 trees in area with no access. All smothered in Ivy so assessment impaired.	None.	10+	C3	7.6	1.6
H333	Blackthorn (Prunus spinosa)	S	2	75										1	1	1	1	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.5	0.9
G334	other cherry spp (Prunus spp)	S	6.5	160										1	1	1	1	0-N	0.5	SM	Group of 4 Cherry and 1 Elder.	None.	10+	C3	11.6	1.9
H335	hedgerow (mixed)	S	3	75										1	1	1.5	1	0-N	0	SM	Maintained hedgerow.	None.	10+	C3	2.5	0.9
G336	Hawthorn species (Crataegus spp)	M(a)	7	130	90									2.5	2	2.5	2	0.5-N	0	SM	2 Hawthorn and 1 Elder. Close proximity growth.	None.	10+	C3	11.3	1.9
G337	Ash (Fraxinus excelsior)	M(a)	11	170	150									3	3	3	2	2.0-N	3	SM	Approx 13 trees growing within hedgerow, obscuring base. Ash Dieback present. Largely multi-stemmed group with occasional single stem specimens.	None.	10+	C3	23.3	2.7
G338	Hawthorn species (Crataegus spp)	S	4.5	160										2	2	2	2	0-E	0	EM	Linear group. Likely to have formed part of hedgerow originally.	None.	10+	C3	11.6	1.9
G339	Mixed broadleaves	S	10	260										2	2	2	2	0.5-W	0	SM	Mixed buffer planting with northern side abutting existing A47. Close proximity planting. Ash to west of group have severe Dieback.	Remove approx 5 Ash specimens from west side of group	10+	C3	30.6	3.1
G340	Pedunculate/common oak (Quercus robur)	S	16	360										5	3	4	4	2.0-S	1.5	SM	3 specimens. Access restricted due to stream and scrub growth. Good physiology and structure.	None.	20+	B2	58.6	4.3
G341	Hawthorn species (Crataegus spp)	M(a)	8	75	120	100	90							2.5	2.5	2.5	2.5	0-N	0	EM	Cluster of approx 8 specimens abutting existing A47. Limited access due to scrub.	None.	10+	C3	17.2	2.3

Tree Ref No.	Species	Single or Multiple Stem (S or M)	Height (m)	Stem Diameter (mm)										Branch Spread (m)				Crown Clearance (m)		Life Stage	General Observations (structural / physiological condition)	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Tree Quality Grading	Root Protection Area	
				S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	N	E	S	W	(1)	(2)						(m^2)	(radius in m)
H342	hedgerow (mixed)	M(a)	6	75	75									1.5	1.5	1.5	1.5	1.5-N	0.5	EM	Lapsed hedgerow.	None.	10+	C3	5.1	1.3
G343	Ash (Fraxinus excelsior)	M(a)	18	480	340									9	9	6	8	5.0-W	3	M	6 specimens growing on side of ditch. Significant Ivy cover a 4 stems restricted assessment. Minor Ash Dieback.	None.	10+	C1	156.5	7.1
G344	Mixed broadleaves	S	6.5	210										2	2	2	2	0.5-E	0	M	Linear boundary feature. No major defects observed.	None.	10+	C3	20.0	2.5
G345	Mixed broadleaves	S		310										4	5	4	3.5	5.0-N	6	EM	Mixed, unmanaged woodland with dead stems and de se flora. Approx 600 trees within survey boundary.	None.	20+	B3	43.5	3.7
H346	hedgerow (mixed)	S	6	90										1.5	1.5	1.5	1.5	0-N	0	EM	Unmanaged hedgerow with emerging trees.	None.	10+	C3	3.7	1.1
G347	Ash (Fraxinus excelsior)	S	8	150										3.5	3.5	3.5	3.5	3.5-N	4	SM	Emerging tree group comprising 2 Ash and 1 Oak.	None.	10+	C3	10.2	1.8
G348	Ash (Fraxinus excelsior)	S	8	150										3.5	3.5	3.5	3.5	3.5-N	4	SM	Emerging tree group comprising Ash and Oak. Approx 20 specimens.	None.	10+	C3	10.2	1.8
G349	Ash (Fraxinus excelsior)	S	12	240										3.5	3.5	3.5	3.5	3.5-N	4	SM	Emerging tree group comprising Ash and Oak. Approx 15 specimens.	None.	10+	C3	26.1	2.9
H350	Mixed broadleaves	S	7	160										2	2	2	2	0-N	0	SM	Lapsed hedgerow with reinforced buffer planting around roundabout.	None.	10+	C3	11.6	1.9

Appendix 4: Cascade Chart for Tree Quality Assessment

See following page.

Table 1 **Cascade chart for tree quality assessment**

Category and definition	Criteria (including subcategories where appropriate)			Identification on plan
Trees unsuitable for retention (see Note)				
Category U Those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years	• Trees that have a serious, irremediable, structural defect, such that their early loss is expected due to collapse, including those that will become unviable after removal of other category U trees (e.g. where, for whatever reason, the loss of companion shelter cannot be mitigated by pruning) • Trees that are dead or are showing signs of significant, immediate, and irreversible overall decline • Trees infected with pathogens of significance to the health and/or safety of other trees nearby, or very low quality trees suppressing adjacent trees of better quality *NOTE Category U trees can have existing or potential conservation value which it might be desirable to preserve; see **4.5.7**.*			See Table 2
	1 Mainly arboricultural qualities	**2 Mainly landscape qualities**	**3 Mainly cultural values, including conservation**	
Trees to be considered for retention				
Category A **Trees of high quality** with an estimated remaining life expectancy of at least 40 years	Trees that are particularly good examples of their species, especially if rare or unusual; or those that are essential components of groups or formal or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue)	Trees, groups or woodlands of particular visual importance as arboricultural and/or landscape features	Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood-pasture)	See Table 2
Category B **Trees of moderate quality** with an estimated remaining life expectancy of at least 20 years	Trees that might be included in category A, but are downgraded because of impaired condition (e.g. presence of significant though remediable defects, including unsympathetic past management and storm damage), such that they are unlikely to be suitable for retention for beyond 40 years; or trees lacking the special quality necessary to merit the category A designation	Trees present in numbers, usually growing as groups or woodlands, such that they attract a higher collective rating than they might as individuals; or trees occurring as collectives but situated so as to make little visual contribution to the wider locality	Trees with material conservation or other cultural value	See Table 2
Category C **Trees of low quality** with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150 mm	Unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories	Trees present in groups or woodlands, but without this conferring on them significantly greater collective landscape value; and/or trees offering low or only temporary/transient landscape benefits	Trees with no material conservation or other cultural value	See Table 2

Appendix 5: Root Protection Area Guidance

The Root Protection Area (RPA) is calculated from the stem diameter of the tree, in accordance with the guidance contained in section 4.6 of BS 5837:2012.

These areas are normally sacrosanct and should not be entered by traffic or foot, during construction, or used to store materials, fuel or chemicals.

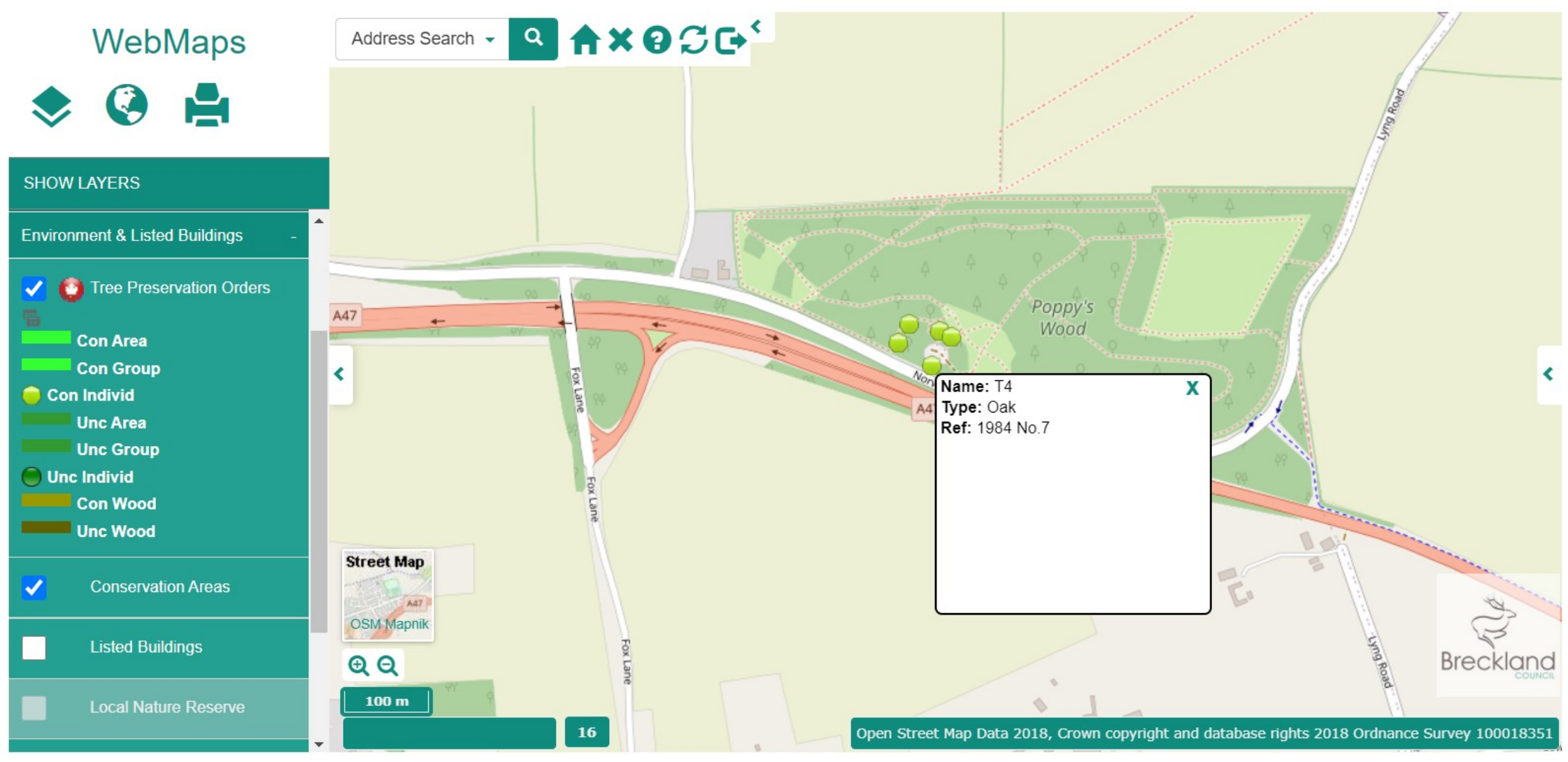
Protective fencing should be erected along the edge of the RPA, before construction begins, and should not be moved until after all construction has finished and vacated the site. The type of fencing used should be fit for purpose, and ordinarily conform to the recommendations given in section 6.2.2 of BS 5837:2012 and be erected similar to the example shown in Figure 2 of the same standard.

Where underground services cannot be routed outside the RPA, these should be installed by trenchless technology, such as a directional drill. Where this technology is used the underground channel created should be no less than 600mm below normal ground level, or the base of the tree. Also, the starting and receiving excavations should not be within the RPA. Drill channel lubricant should be avoided, other than water, unless precautions are taken to prevent contamination of soil and possibly water. Hand digging may be an alternative to trenchless excavation, but this is less desirable, and not always practical.

When determining the workable space around the RPA of a tree or trees, it is also important to maintain a working zone of one metre (which is usually sufficient) between the edge of construction and the protective fencing.

Appendix 6: TPO & CA Enquiries

See following page.


WebMaps
Address Search
SHOW LAYERS
Environment & Listed Buildings
Tree Preservation Orders
Con Area
Con Group
Con Individ
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Unc Group
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Con Wood
Unc Wood
Conservation Areas
Listed Buildings
Local Nature Reserve
A47
Fox Lane
Poppy's Wood
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Name: T4
Type: Oak
Ref: 1984 No.7
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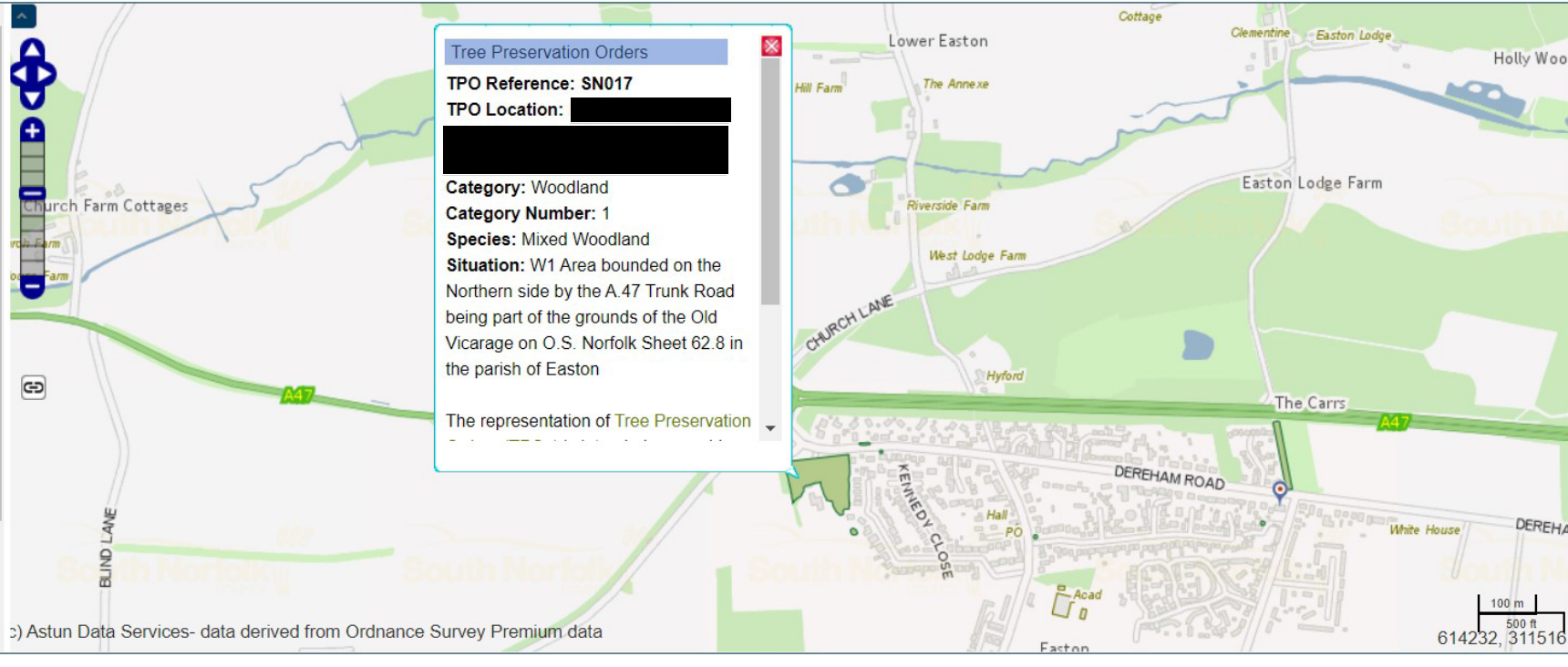
Open Street Map Data 2018, Crown copyright and database rights 2018 Ordnance Survey 100018351

My House | My Nearest | My Maps | Hi, Guest

Current location: [redacted] Setup Alerts for this location | Change

Hide side panel | Reset page

- Find Nearest
- Map Categories
  - + Council and Democracy 1/5
  - + Leisure 0/2
  - + Highways 0/3
  - + Planning 0/3
  - − Property 2/4
    - Conservation Areas
    - Listed Buildings
    - Tree Preservation Orders
    - Property Assets
  - + NHS Choices



Ruth Tothill

From: planning <planning@broadland.gov.uk>
Sent: 09 December 2020 16:06
To: Ruth Tothill
Subject: RE: TPO & Conservation Area information request
Attachments: 2012 No.86 (1159) MODIFIED - Current_First Schedule and Map Only.pdf; 2008 No.8 (769) MODIFIED - Current_First Schedule and Map Only.pdf

Dear Ruth

I have carried out a search the best I could as our mapping system doesn't zoom out enough to get a sweep of the full areas outlined in red so I have had to search in blocks. None of the area is within a conservation area.

Two TPO's were revealed and I have attached a copy of these.

regards

Clare Hayden
Business Support Officer (Technical)
e planning@broadland.gov.uk
T [redacted]

From: Ruth Tothil[redacted]@adas.co.uk>
Sent: 09 December 2020 15:27
To: planning <planning@broadland.gov.uk>
Subject: TPO & Conservation Area information request

Hi,

Please could you let me know whether there are any trees which are protected by a TPO, or within a conservation area, within the red lines drawn on the attached aerial screenshots.

Regards,

Ruth Tothill BSc (Hons), MArborA
Arboricultural Consultant
Environment
ADAS

Mobile: [redacted]
Telephone: [redacted]

Please note: my work days for ADAS are usually Tuesday, Wednesday, Thursday and Friday.

www.adas.uk

Appendix 7: List of Arboricultural Impacts by Tree number

See following page.

Tree ref	Species	BS5837 category	Impact and Recommended Actions
T1	Pedunculate/common oak (Quercus robur)	B1	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T2	Other Cedar (Cedrus spp)	B2	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T3	Holly species (Ilex spp)	C2	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T4	Horse chestnut (Aesculus hippocastanum)	U	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T5	Pedunculate/common oak (Quercus robur)	B2	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T6	Cedar of Lebanon (Cedrus libani)	C1	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T7	Pedunculate/common oak (Quercus robur)	C1	Special design measures needed - Services in RPA (Water)
T8	Bird cherry (Prunus padus)	C1	Special design measures needed - Services in RPA (Water)
T9	Pedunculate/common oak (Quercus robur)	C2	Special design measures needed - Services in RPA (Water)
T10	Ash (Fraxinus excelsior)	U	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T11	Common lime (Tilia europaea)	C2	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T12	Common lime (Tilia europaea)	C2	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T13	Pedunculate/common oak (Quercus robur)	A3	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T14	Pedunculate/common oak (Quercus robur)	B3	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T15	Ash (Fraxinus excelsior)	C2	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T16	Ash (Fraxinus excelsior)	C2	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T17	Pedunculate/common oak (Quercus robur)	A2	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T18	Ash (Fraxinus excelsior)	C2	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T19	Pedunculate/common oak (Quercus robur)	C3	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012

T20	Pedunculate/common oak (Quercus robur)	B2	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T21	Pedunculate/common oak (Quercus robur)	B2	Special design measures needed - Services in RPA (Water)
T22	Pedunculate/common oak (Quercus robur)	B2	Special design measures needed - Services in RPA (BT). Fence line in RPA.
T23	Pedunculate/common oak (Quercus robur)	A2	Fell – balancing pond
T24	Alder (Alnus spp)	U	Fell – beneath footprint of construction
T25	Alder (Alnus spp)	C1	Fell – under footprint of construction
T26	Alder (Alnus spp)	U	Fell – under footprint of construction
T27	Ash (Fraxinus excelsior)	C2	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T28	Pedunculate/common oak (Quercus robur)	B1	Fell – under footprint of construction
T29	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T30	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T31	Ash (Fraxinus excelsior)	C1	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T32	other cherry spp (Prunus spp)	C2	Fell – under footprint of construction
T33	Ash (Fraxinus excelsior)	B2	Fell – under footprint of construction
T34	Ash (Fraxinus excelsior)	B2	Fell – under footprint of construction
T35	Ash (Fraxinus excelsior)	C2	Fell - compound
T36	Hornbeam (Carpinus betulus)	B2	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T37	Pedunculate/common oak (Quercus robur)	C2	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T38	Pedunculate/common oak (Quercus robur)	C2	Fell - compound
T39	Ash (Fraxinus excelsior)	C3	Fell - compound
T40	Pedunculate/common oak (Quercus robur)	C1	Fell - compound
T41	Ash (Fraxinus excelsior)	C2	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T42	Ash (Fraxinus excelsior)	C2	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012

T43	Field maple (Acer campestre)	C2	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T44	Pedunculate/common oak (Quercus robur)	U	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T45	Pedunculate/common oak (Quercus robur)	B1	Special design measures needed – Compound in RPA
T46	Ash (Fraxinus excelsior)	C2	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T47	Pedunculate/common oak (Quercus robur)	B2	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T48	Pedunculate/common oak (Quercus robur)	B2	Fell – under footprint of construction
T49	Beech (Fagus sylvatica)	B1	Special design measures needed – Level changes in RPA. Services in RPA (BT, water)
T50	Hornbeam (Carpinus betulus)	A2	Special design measures needed – Level changes in RPA. Services in RPA (BT)
T51	Beech (Fagus sylvatica)	B1	Special design measures needed – Services in RPA (BT)
T52	Ash (Fraxinus excelsior)	C1	Special design measures needed – Services in RPA (BT)
T53	Beech (Fagus sylvatica)	A2	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T54	Beech (Fagus sylvatica)	C1	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T55	Beech (Fagus sylvatica)	B2	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T56	Beech (Fagus sylvatica)	B2	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T57	Beech (Fagus sylvatica)	A2	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T58	Sycamore (Acer pseudoplatanus)	U	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T59	Beech (Fagus sylvatica)	A2	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T60	Beech (Fagus sylvatica)	B2	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T61	Beech (Fagus sylvatica)	A2	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T62	Beech (Fagus sylvatica)	B2	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012

T63	Sycamore (Acer pseudoplatanus)	U	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T64	Beech (Fagus sylvatica)	C1	Special design measures needed – Services in RPA (BT)
T65	Beech (Fagus sylvatica)	A2	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T66	Sycamore (Acer pseudoplatanus)	U	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T67	Beech (Fagus sylvatica)	C2	Special design measures needed – Services in RPA (BT)
T68	Ash (Fraxinus excelsior)	A2	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T69	Ash (Fraxinus excelsior)	U	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T70	Ash (Fraxinus excelsior)	U	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T71	Pedunculate/common oak (Quercus robur)	U	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T72	Beech (Fagus sylvatica)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T73	Alder (Alnus spp)	C2	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T74	Hazel (Corylus avellana)	C2	Unaffected - Retain and protect with temporary barrier in accordance with BS5837:2012
T75	other poplar spp (Populus spp)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T76	Hawthorn species (Crataegus spp)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T77	Hazel (Corylus avellana)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T78	Pedunculate/common oak (Quercus robur)	C2	Fell – under footprint of construction
T79	Hazel (Corylus avellana)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T80	Grey willow (Salix cinerea)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T81	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T82	Pedunculate/common oak (Quercus robur)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

T83	Pedunculate/common oak (Quercus robur)	B2	Fell – under footprint of construction
T84	Beech (Fagus sylvatica)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T85	Hawthorn species (Crataegus spp)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T86	Pedunculate/common oak (Quercus robur)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T87	Common lime (Tilia europaea)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T88	Ash (Fraxinus excelsior)	C2	Fell – under footprint of construction
T89	Ash (Fraxinus excelsior)	C2	Fell – under footprint of construction
T90	Pedunculate/common oak (Quercus robur)	B1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T91	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T92	Blackthorn (Prunus spinosa)	C2	Fell – under footprint of construction
T93	Pedunculate/common oak (Quercus robur)	B2	Fell – under footprint of construction
T94	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T95	Pedunculate/common oak (Quercus robur)	B1	Fell – under footprint of construction
T96	Pedunculate/common oak (Quercus robur)	B1	Fell – under footprint of construction
T97	Pedunculate/common oak (Quercus robur)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T98	Pedunculate/common oak (Quercus robur)	C1	Fell - compound
T99	Pedunculate/common oak (Quercus robur)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T100	Pedunculate/common oak (Quercus robur)	U	Fell – under footprint of construction
T101	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T102	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T103	London plane (Platanus x acerifolia)	C1	Fell – under footprint of construction
T104	Pedunculate/common oak (Quercus robur)	B2	Fell – under footprint of construction
T105	Horse chestnut (Aesculus hippocastanum)	B2	Fell – under footprint of construction

T106	Horse chestnut (Aesculus hippocastanum)	B2	Fell – under footprint of construction
T107	Horse chestnut (Aesculus hippocastanum)	B2	Fell – under footprint of construction
T108	Pedunculate/common oak (Quercus robur)	B2	Fell – under footprint of construction
T109	Horse chestnut (Aesculus hippocastanum)	A2	Fell – under footprint of construction
T110	Field maple (Acer campestre)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T111	Field maple (Acer campestre)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T112	Field maple (Acer campestre)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T113	Field maple (Acer campestre)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T114	Ash (Fraxinus excelsior)	C2	Fell – under footprint of construction
T115	Pedunculate/common oak (Quercus robur)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T116	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T117	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T118	Ash (Fraxinus excelsior)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T119	Field maple (Acer campestre)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T120	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T121	Pedunculate/common oak (Quercus robur)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T122	Pedunculate/common oak (Quercus robur)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T123	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T124	Sycamore (Acer pseudoplatanus)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T125	Sycamore (Acer pseudoplatanus)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T126	Oak (robur/petraea) (Quercus spp)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

T127	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T128	Pedunculate/common oak (Quercus robur)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T129	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T130	Field maple (Acer campestre)	C2	Fell – under footprint of construction
T131	Pedunculate/common oak (Quercus robur)	B1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T132	Pedunculate/common oak (Quercus robur)	A2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T133	Pedunculate/common oak (Quercus robur)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T134	Pedunculate/common oak (Quercus robur)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T135	Pedunculate/common oak (Quercus robur)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T136	Pedunculate/common oak (Quercus robur)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T137	Pedunculate/common oak (Quercus robur)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T138	Pedunculate/common oak (Quercus robur)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T139	Pedunculate/common oak (Quercus robur)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T140	Pedunculate/common oak (Quercus robur)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T141	Pedunculate/common oak (Quercus robur)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T142	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T143	Pedunculate/common oak (Quercus robur)	B1	Fell – under footprint of construction
T144	Pedunculate/common oak (Quercus robur)	B1	Fell – under footprint of construction
T145	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T146	Pedunculate/common oak (Quercus robur)	B1	Fell – under footprint of construction
T147	Pedunculate/common oak (Quercus robur)	A1	Fell – under footprint of construction

T148	Holly species (Ilex spp)	C2	Fell – under footprint of construction
T149	Pedunculate/common oak (Quercus robur)	A1	Fell – under footprint of construction
T150	Sycamore (Acer pseudoplatanus)	B1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T151	Sycamore (Acer pseudoplatanus)	A1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T152	Ash (Fraxinus excelsior)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T153	Ash (Fraxinus excelsior)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T154	Ash (Fraxinus excelsior)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T155	Ash (Fraxinus excelsior)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T156	other cherry spp (Prunus spp)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T157	other cherry spp (Prunus spp)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T158	Horse chestnut (Aesculus hippocastanum)	A2	Fell – under footprint of construction
T159	Horse chestnut (Aesculus hippocastanum)	B2	Fell – under footprint of construction
T160	Ash (Fraxinus excelsior)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T161	Ash (Fraxinus excelsior)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T162	Ash (Fraxinus excelsior)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T163	Ash (Fraxinus excelsior)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T164	Ash (Fraxinus excelsior)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T165	Ash (Fraxinus excelsior)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T166	Ash (Fraxinus excelsior)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T167	Ash (Fraxinus excelsior)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

T168	Horse chestnut (Aesculus hippocastanum)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T169	Pedunculate/common oak (Quercus robur)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T170	Pedunculate/common oak (Quercus robur)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T171	Pedunculate/common oak (Quercus robur)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T172	Pedunculate/common oak (Quercus robur)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T173	Pedunculate/common oak (Quercus robur)	A2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T174	Pedunculate/common oak (Quercus robur)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T175	Pedunculate/common oak (Quercus robur)	A2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T176	Pedunculate/common oak (Quercus robur)	A2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T177	Pedunculate/common oak (Quercus robur)	A2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T178	Pedunculate/common oak (Quercus robur)	A2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T179	Pedunculate/common oak (Quercus robur)	A2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T180	Pedunculate/common oak (Quercus robur)	A2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T181	Pedunculate/common oak (Quercus robur)	A2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T182	Crab apple (Malus sylvestris)	C2	Fell – under footprint of construction
T183	Pedunculate/common oak (Quercus robur)	C2	Fell – under footprint of construction
T184	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T185	Pedunculate/common oak (Quercus robur)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T186	Pedunculate/common oak (Quercus robur)	B2	Fell – under footprint of construction
T187	Pedunculate/common oak (Quercus robur)	A2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

T188	Pedunculate/common oak (Quercus robur)	A2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T189	Pedunculate/common oak (Quercus robur)	U	Fell – under footprint of construction
T190	Field maple (Acer campestre)	B2	Fell – under footprint of construction
T191	Norway spruce (Picea abies)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T192	Lawsons cypress (Chamaecyparis lawsoniana)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T193	Rowan (Sorbus aucuparia)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T194	Birch (downy/silver) (Betula pubescens/pendula)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T195	Pedunculate/common oak (Quercus robur)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T196	Crab apple (Malus sylvestris)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T197	Pedunculate/common oak (Quercus robur)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T198	Ash (Fraxinus excelsior)	B1	Fell – under footprint of construction
T199	Pedunculate/common oak (Quercus robur)	B1	Fell – under footprint of construction
T200	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T201	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T202	Ash (Fraxinus excelsior)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T203	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T204	Pedunculate/common oak (Quercus robur)	B1	Fell – under footprint of construction
T205	Pedunculate/common oak (Quercus robur)	B1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T206	Pedunculate/common oak (Quercus robur)	B1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T207	Pedunculate/common oak (Quercus robur)	B1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T208	Pedunculate/common oak (Quercus robur)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

T209	Pedunculate/common oak (Quercus robur)	B1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T210	Horse chestnut (Aesculus hippocastanum)	B1	Fell – under footprint of construction
T211	Sycamore (Acer pseudoplatanus)	C1	Fell – under footprint of construction
T212	Sycamore (Acer pseudoplatanus)	C1	Fell – under footprint of construction
T213	Pedunculate/common oak (Quercus robur)	B1	Fell – under footprint of construction
T214	Pedunculate/common oak (Quercus robur)	A2	Fell – under footprint of construction
T215	Horse chestnut (Aesculus hippocastanum)	B1	Fell – under footprint of construction
T216	Horse chestnut (Aesculus hippocastanum)	C1	Fell – under footprint of construction
T217	Sycamore (Acer pseudoplatanus)	C1	Fell – under footprint of construction
T218	Horse chestnut (Aesculus hippocastanum)	C1	Fell – under footprint of construction
T219	Pedunculate/common oak (Quercus robur)	A2	Fell – under footprint of construction
T220	Pedunculate/common oak (Quercus robur)	B1	Fell – under footprint of construction
T221	Beech (Fagus sylvatica)	B1	Fell – under footprint of construction
T222	Pedunculate/common oak (Quercus robur)	U	Fell – under footprint of construction
T223	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T224	Field maple (Acer campestre)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T225	Pedunculate/common oak (Quercus robur)	B1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T226	Field maple (Acer campestre)	B1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T227	Sycamore (Acer pseudoplatanus)	B1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T228	Field maple (Acer campestre)	B2	Fell – under footprint of construction
T229	Pedunculate/common oak (Quercus robur)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T230	Pedunculate/common oak (Quercus robur)	B1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

T231	Common lime (Tilia europaea)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T232	Sycamore (Acer pseudoplatanus)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T233	Ash (Fraxinus excelsior)	U	Fell – under footprint of construction
T234	Small-leaved lime (Tilia cordata)	C3	Fell – under footprint of construction
T235	Small-leaved lime (Tilia cordata)	B2	Fell – under footprint of construction
T236	Ash (Fraxinus excelsior)	C1	Fell – under footprint of construction
T237	Ash (Fraxinus excelsior)	C2	Fell – under footprint of construction
T238	Ash (Fraxinus excelsior)	C1	Fell – under footprint of construction
T239	Ash (Fraxinus excelsior)	U	Fell – under footprint of construction
T240	Pedunculate/common oak (Quercus robur)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T241	Pedunculate/common oak (Quercus robur)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T242	Pedunculate/common oak (Quercus robur)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T243	Pedunculate/common oak (Quercus robur)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T244	Ash (Fraxinus excelsior)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T245	Alder (Alnus spp)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T246	Ash (Fraxinus excelsior)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T247	Alder (Alnus spp)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T248	Pedunculate/common oak (Quercus robur)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T249	Birch (downy/silver) (Betula pubescens/pendula)	C1	Fell – under footprint of construction
T250	Crab apple (Malus sylvestris)	C1	Fell – under footprint of construction
T251	Alder (Alnus spp)	C2	Fell – under footprint of construction

T252	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T253	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T254	Pedunculate/common oak (Quercus robur)	B2	Fell – under footprint of construction
T255	Birch (downy/silver) (Betula pubescens/pendula)	C1	Fell – under footprint of construction
T256	Ash (Fraxinus excelsior)	C1	Fell – under footprint of construction
T257	Alder (Alnus spp)	C1	Fell – under footprint of construction
T258	Ash (Fraxinus excelsior)	U	Fell – under footprint of construction
T259	Pedunculate/common oak (Quercus robur)	C3	Fell – under footprint of construction
T260	Ash (Fraxinus excelsior)	C1	Fell – under footprint of construction
T261	Birch (downy/silver) (Betula pubescens/pendula)	C3	Fell – under footprint of construction
T262	Birch (downy/silver) (Betula pubescens/pendula)	C1	Fell – under footprint of construction
T263	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T264	Ash (Fraxinus excelsior)	C3	Fell – under footprint of construction
T265	Hornbeam (Carpinus betulus)	C1	Fell – under footprint of construction
T266	Ash (Fraxinus excelsior)	C1	Fell – under footprint of construction
T267	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T268	Common alder (Alnus gultinosa)	C1	Fell – under footprint of construction
T269	Pedunculate/common oak (Quercus robur)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T270	Pedunculate/common oak (Quercus robur)	B1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T271	Pedunculate/common oak (Quercus robur)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T272	Alder (Alnus spp)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T273	other cherry spp (Prunus spp)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

T274	Pedunculate/common oak (Quercus robur)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T275	Alder (Alnus spp)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T276	Hornbeam (Carpinus betulus)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T277	Pedunculate/common oak (Quercus robur)	B1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T278	Pedunculate/common oak (Quercus robur)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T279	Holly species (Ilex spp)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T280	Ash (Fraxinus excelsior)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T281	Ash (Fraxinus excelsior)	A2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T282	Pedunculate/common oak (Quercus robur)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T283	Sycamore (Acer pseudoplatanus)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T284	Sycamore (Acer pseudoplatanus)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T285	Horse chestnut (Aesculus hippocastanum)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T286	Field maple (Acer campestre)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T287	Pedunculate/common oak (Quercus robur)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T288	Pedunculate/common oak (Quercus robur)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T289	Beech (Fagus sylvatica)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T290	Beech (Fagus sylvatica)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T291	Pedunculate/common oak (Quercus robur)	B1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T292	Scots pine (Pinus sylvestris)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

T293	Beech (Fagus sylvatica)	B1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T294	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T295	Field maple (Acer campestre)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T296	Pedunculate/common oak (Quercus robur)	B1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T297	Wild cherry/gean (Prunus avium)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T298	Pedunculate/common oak (Quercus robur)	B1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T299	Field maple (Acer campestre)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T300	Pedunculate/common oak (Quercus robur)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T301	Ash (Fraxinus excelsior)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T302	Pedunculate/common oak (Quercus robur)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T303	Ash (Fraxinus excelsior)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T304	Field maple (Acer campestre)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T305	other species (not in list)	C2	Fell – under footprint of construction
T306	Pedunculate/common oak (Quercus robur)	B2	Fell – under footprint of construction
T307	Sycamore (Acer pseudoplatanus)	C1	Fell – under footprint of construction
T308	Sycamore (Acer pseudoplatanus)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T309	Hazel (Corylus avellana)	C3	Fell – under footprint of construction
T310	Black walnut (Juglans nigra)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T311	English elm (Ulmus procera)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T312	Ash (Fraxinus excelsior)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

T313	Hawthorn species (Crataegus spp)	C2	Fell – under footprint of construction
T314	Sycamore (Acer pseudoplatanus)	C2	Fell – under footprint of construction
T315	Goat willow (Salix caprea)	C3	Fell – under footprint of construction
T316	Birch (downy/silver) (Betula pubescens/pendula)	B1	Fell – under footprint of construction
T317	Pedunculate/common oak (Quercus robur)	B1	Fell – under footprint of construction
T318	Pedunculate/common oak (Quercus robur)	C3	Fell – under footprint of construction
T319	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T320	Hawthorn species (Crataegus spp)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T321	Pedunculate/common oak (Quercus robur)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T322	Pedunculate/common oak (Quercus robur)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T323	Pedunculate/common oak (Quercus robur)	C3	Fell – under footprint of construction
T324	Pedunculate/common oak (Quercus robur)	C3	Fell – under footprint of construction
T325	Field maple (Acer campestre)	C1	Fell – under footprint of construction
T326	Ash (Fraxinus excelsior)	C3	Fell – under footprint of construction
T327	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T328	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T329	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T330	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T331	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T332	other cherry spp (Prunus spp)	C2	Fell – under footprint of construction
T333	Pedunculate/common oak (Quercus robur)	B2	Fell – under footprint of construction
T334	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T335	Field maple (Acer campestre)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

T336	Field maple (Acer campestre)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T337	Field maple (Acer campestre)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T338	Holly species (Ilex spp)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T339	Sycamore (Acer pseudoplatanus)	B1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T340	Small-leaved lime (Tilia cordata)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T341	Turkey oak (Quercus cerris)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T342	Turkey oak (Quercus cerris)	A2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T343	Pedunculate/common oak (Quercus robur)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T344	Turkey oak (Quercus cerris)	A2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T345	Field maple (Acer campestre)	C2	Fell – under footprint of construction
T346	Pedunculate/common oak (Quercus robur)	A1	Special construction measures needed – level changes
T347	Pedunculate/common oak (Quercus robur)	A1	Fell – under footprint of construction
T348	Pedunculate/common oak (Quercus robur)	A1	Fell – under footprint of construction
T349	Pedunculate/common oak (Quercus robur)	A1	Fell – under footprint of construction
T350	Pedunculate/common oak (Quercus robur)	A1	Fell – under footprint of construction
T351	Pedunculate/common oak (Quercus robur)	A2	Fell – under footprint of construction
T352	Pedunculate/common oak (Quercus robur)	B3	Fell – under footprint of construction
T353	Pedunculate/common oak (Quercus robur)	B1	Fell – under footprint of construction
T354	Ash (Fraxinus excelsior)	C1	Fell – under footprint of construction
T355	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T356	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T357	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction

T358	Pedunculate/common oak (Quercus robur)	B2	Fell – under footprint of construction
T359	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T360	Horse chestnut (Aesculus hippocastanum)	C1	Fell – under footprint of construction
T361	Beech (Fagus sylvatica)	C1	Fell – under footprint of construction
T362	Sycamore (Acer pseudoplatanus)	C1	Fell – under footprint of construction
T363	Sycamore (Acer pseudoplatanus)	C2	Fell – under footprint of construction
T364	Sycamore (Acer pseudoplatanus)	C2	Fell – under footprint of construction
T365	Beech (Fagus sylvatica)	A2	Fell – under footprint of construction
T366	Hawthorn species (Crataegus spp)	C2	Fell – under footprint of construction
T367	Ash (Fraxinus excelsior)	C1	Fell – under footprint of construction
T368	Pedunculate/common oak (Quercus robur)	B2	Fell – under footprint of construction
T369	Pedunculate/common oak (Quercus robur)	A3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T370	Pedunculate/common oak (Quercus robur)	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T371	Field maple (Acer campestre)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T372	Goat willow (Salix caprea)	C3	Fell – under footprint of construction
T373	other pines (Pinus spp)	B1	Fell – under footprint of construction
T374	other pines (Pinus spp)	B1	Fell – under footprint of construction
T375	Pedunculate/common oak (Quercus robur)	C3	Fell – under footprint of construction
T376	European larch (Larix decidua)	U	Fell – under footprint of construction
T377	other pines (Pinus spp)	B1	Fell – under footprint of construction
T378	European larch (Larix decidua)	C3	Fell – under footprint of construction
T379	other pines (Pinus spp)	C1	Fell – under footprint of construction
T380	other pines (Pinus spp)	C1	Fell – under footprint of construction
T381	European larch (Larix decidua)	C1	Fell – under footprint of construction

T382	other pines (Pinus spp)	C2	Fell – under footprint of construction
T383	other pines (Pinus spp)	C2	Fell – under footprint of construction
T384	other pines (Pinus spp)	A1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T385	other pines (Pinus spp)	B1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T386	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T387	Pedunculate/common oak (Quercus robur)	C3	Fell – under footprint of construction
T388	Pedunculate/common oak (Quercus robur)	C3	Fell – under footprint of construction
T389	Ash (Fraxinus excelsior)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T390	Ash (Fraxinus excelsior)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T391	Field maple (Acer campestre)	B1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T392	Hawthorn species (Crataegus spp)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T393	Field maple (Acer campestre)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T394	Field maple (Acer campestre)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T395	Ash (Fraxinus excelsior)	C1	Fell – under footprint of construction
T396	Hawthorn species (Crataegus spp)	C2	Fell – under footprint of construction
T397	Ash (Fraxinus excelsior)	C2	Fell – under footprint of construction
T398	Ash (Fraxinus excelsior)	B2	Fell – under footprint of construction
T399	Pedunculate/common oak (Quercus robur)	C3	Fell – under footprint of construction
T400	Pedunculate/common oak (Quercus robur)	U	Fell – under footprint of construction
T401	English elm (Ulmus procera)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T402	Norway spruce (Picea abies)	C2	Fell – under footprint of construction
T403	Pedunculate/common oak (Quercus robur)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

T404	Field maple (Acer campestre)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T405	Field maple (Acer campestre)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T406	Field maple (Acer campestre)	B2	Fell – under footprint of construction
T407	Common walnut (Juglans regia)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T408	Crab apple (Malus sylvestris)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T409	Pedunculate/common oak (Quercus robur)	B3	Fell – under footprint of construction
T410	Pedunculate/common oak (Quercus robur)	B2	Fell – under footprint of construction
T411	Field maple (Acer campestre)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T412	Ash (Fraxinus excelsior)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T413	Field maple (Acer campestre)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T414	Field maple (Acer campestre)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T415	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T416	Common walnut (Juglans regia)	B1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T417	Norway maple (Acer platanoides)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T418	Silver birch (Betula pendula)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T419	other cherry spp (Prunus spp)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T420	Pedunculate/common oak (Quercus robur)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T421	Sycamore (Acer pseudoplatanus)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T422	Sycamore (Acer pseudoplatanus)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T423	Scots pine (Pinus sylvestris)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

T424	Ash (Fraxinus excelsior)	C2	Fell – under footprint of construction
T425	Field maple (Acer campestre)	C2	Fell – under footprint of construction
T426	Ash (Fraxinus excelsior)	C3	Fell – under footprint of construction
T427	Hawthorn species (Crataegus spp)	C3	Fell – under footprint of construction
T428	Hawthorn species (Crataegus spp)	C3	Fell – under footprint of construction
T429	Hawthorn species (Crataegus spp)	C3	Fell – under footprint of construction
T430	Hawthorn species (Crataegus spp)	C3	Fell – under footprint of construction
T431	Hawthorn species (Crataegus spp)	C3	Fell – under footprint of construction
T432	Hawthorn species (Crataegus spp)	C3	Fell – under footprint of construction
T433	Hawthorn species (Crataegus spp)	C3	Fell – under footprint of construction
T434	Hawthorn species (Crataegus spp)	C3	Fell – under footprint of construction
T435	Hawthorn species (Crataegus spp)	C3	Fell – under footprint of construction
T436	Hawthorn species (Crataegus spp)	C3	Fell – under footprint of construction
T437	Hawthorn species (Crataegus spp)	C3	Fell – under footprint of construction
T438	Hawthorn species (Crataegus spp)	C3	Fell – under footprint of construction
T439	Pedunculate/common oak (Quercus robur)	C2	Fell – under footprint of construction
T440	Pedunculate/common oak (Quercus robur)	C2	Fell – under footprint of construction
T441	Pedunculate/common oak (Quercus robur)	C2	Fell – under footprint of construction
T442	Pedunculate/common oak (Quercus robur)	B3	Fell – under footprint of construction
T443	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T444	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T445	Pedunculate/common oak (Quercus robur)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T446	Sycamore (Acer pseudoplatanus)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T447	Sycamore (Acer pseudoplatanus)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

T448	Hawthorn species (Crataegus spp)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T449	Pedunculate/common oak (Quercus robur)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T450	Sycamore (Acer pseudoplatanus)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T451	Pedunculate/common oak (Quercus robur)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T452	Hawthorn species (Crataegus spp)	C3	Fell – under footprint of construction
T453	Hawthorn species (Crataegus spp)	C3	Fell – under footprint of construction
T454	Pedunculate/common oak (Quercus robur)	C3	Fell – under footprint of construction
T455	Pedunculate/common oak (Quercus robur)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T456	Hawthorn species (Crataegus spp)	C3	Fell – under footprint of construction
T457	Hawthorn species (Crataegus spp)	C3	Fell – under footprint of construction
T458	Hawthorn species (Crataegus spp)	C3	Fell – under footprint of construction
T459	Hawthorn species (Crataegus spp)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T460	Pedunculate/common oak (Quercus robur)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T461	Pedunculate/common oak (Quercus robur)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T462	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T463	Hawthorn species (Crataegus spp)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T464	Hawthorn species (Crataegus spp)	C3	Fell – under footprint of construction
T465	Ash (Fraxinus excelsior)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T466	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T467	Field maple (Acer campestre)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T468	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

T469	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T470	Pedunculate/common oak (Quercus robur)	U	Fell – under footprint of construction
T471	Pedunculate/common oak (Quercus robur)	C2	Fell – under footprint of construction
T472	Pedunculate/common oak (Quercus robur)	C2	Fell – under footprint of construction
T473	Pedunculate/common oak (Quercus robur)	C3	Fell – under footprint of construction
T474	Field maple (Acer campestre)	C3	Fell – under footprint of construction
T475	Field maple (Acer campestre)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T476	Sycamore (Acer pseudoplatanus)	C3	Fell – under footprint of construction
T477	Pedunculate/common oak (Quercus robur)	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T478	Field maple (Acer campestre)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T479	Field maple (Acer campestre)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T480	Field maple (Acer campestre)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T481	Field maple (Acer campestre)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T482	Field maple (Acer campestre)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T483	Field maple (Acer campestre)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T484	Field maple (Acer campestre)	B2	Fell – under footprint of construction
T485	Pedunculate/common oak (Quercus robur)	A2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T486	Pedunculate/common oak (Quercus robur)	A2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T487	Pedunculate/common oak (Quercus robur)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T488	Pedunculate/common oak (Quercus robur)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T489	Pedunculate/common oak (Quercus robur)	A1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

T490	Pedunculate/common oak (Quercus robur)	A1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T491	Pedunculate/common oak (Quercus robur)	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T492	Pedunculate/common oak (Quercus robur)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T493	Sweet chestnut (Castanea sativa)	B1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T494	Pedunculate/common oak (Quercus robur)	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T495	Pedunculate/common oak (Quercus robur)	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T496	Holly species (Ilex spp)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T497	Narrow-leafed ash (Fraxinus angustifolia)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T498	Ash (Fraxinus excelsior)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T499	Crab apple (Malus sylvestris)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T500	Crab apple (Malus sylvestris)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T501	Crab apple (Malus sylvestris)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T502	Ash (Fraxinus excelsior)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T503	Ash (Fraxinus excelsior)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T504	Pedunculate/common oak (Quercus robur)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T505	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T506	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T507	White willow (Salix alba)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T508	Pedunculate/common oak (Quercus robur)	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

T509	Leyland cypress (Cupressocyparis leylandii)	C2	Fell – under footprint of construction
T510	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T511	Goat willow (Salix caprea)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T512	Goat willow (Salix caprea)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T513	Alder (Alnus spp)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T514	other species (not in list)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T515	Alder (Alnus spp)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T516	Alder (Alnus spp)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T517	Pedunculate/common oak (Quercus robur)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T518	Hawthorn species (Crataegus spp)	C2	Fell – under footprint of construction
T519	Pedunculate/common oak (Quercus robur)	C2	Fell – under footprint of construction
T520	Pedunculate/common oak (Quercus robur)	C2	Fell – under footprint of construction
T521	Field maple (Acer campestre)	C2	Fell – under footprint of construction
T522	Hawthorn species (Crataegus spp)	C3	Fell – under footprint of construction
T523	Hawthorn species (Crataegus spp)	C3	Fell – under footprint of construction
T524	Hawthorn species (Crataegus spp)	C3	Fell – under footprint of construction
T525	Hawthorn species (Crataegus spp)	C3	Fell – under footprint of construction
T526	Blackthorn (Prunus spinosa)	C3	Fell – under footprint of construction
T527	Sycamore (Acer pseudoplatanus)	C2	Fell – under footprint of construction
T528	Pedunculate/common oak (Quercus robur)	C3	Fell – under footprint of construction
T529	Hawthorn species (Crataegus spp)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T530	Hawthorn species (Crataegus spp)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

T531	Hawthorn species (Crataegus spp)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T532	Hawthorn species (Crataegus spp)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T533	Hawthorn species (Crataegus spp)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T534	Pedunculate/common oak (Quercus robur)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T535	Hawthorn species (Crataegus spp)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T536	Hawthorn species (Crataegus spp)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T537	Ash (Fraxinus excelsior)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T538	Field maple (Acer campestre)	C2	Fell – under footprint of construction
T539	Ash (Fraxinus excelsior)	C3	Fell – under footprint of construction
T540	Pedunculate/common oak (Quercus robur)	B2	Fell – under footprint of construction
T541	Ash (Fraxinus excelsior)	U	Fell – under footprint of construction
T542	Pedunculate/common oak (Quercus robur)	C2	Fell – under footprint of construction
T543	Ash (Fraxinus excelsior)	B1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T544	Pedunculate/common oak (Quercus robur)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T545	Pedunculate/common oak (Quercus robur)	C3	Fell – under footprint of construction
T546	Pedunculate/common oak (Quercus robur)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T547	Pedunculate/common oak (Quercus robur)	C3	Fell – under footprint of construction
T548	Pedunculate/common oak (Quercus robur)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T549	Pedunculate/common oak (Quercus robur)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T550	Pedunculate/common oak (Quercus robur)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T551	Pedunculate/common oak (Quercus robur)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

T552	Pedunculate/common oak (Quercus robur)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T553	Pedunculate/common oak (Quercus robur)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T554	Pedunculate/common oak (Quercus robur)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T555	Pedunculate/common oak (Quercus robur)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T556	Pedunculate/common oak (Quercus robur)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T557	Pedunculate/common oak (Quercus robur)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T558	Field maple (Acer campestre)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T559	Crab apple (Malus sylvestris)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T560	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T561	Pedunculate/common oak (Quercus robur)	C3	Fell – under footprint of construction
T562	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
T563	Pedunculate/common oak (Quercus robur)	B3	Fell – under footprint of construction
T564	Pedunculate/common oak (Quercus robur)	B3	Fell – under footprint of construction
T565	Pedunculate/common oak (Quercus robur)	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T566	Pedunculate/common oak (Quercus robur)	B3	Fell – under footprint of construction
T567	Pedunculate/common oak (Quercus robur)	B3	Fell – under footprint of construction
T568	Pedunculate/common oak (Quercus robur)	B3	Fell – under footprint of construction
T569	Pedunculate/common oak (Quercus robur)	B3	Fell – under footprint of construction
T570	Pedunculate/common oak (Quercus robur)	C3	Fell – under footprint of construction
T571	Ash (Fraxinus excelsior)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T572	Ash (Fraxinus excelsior)	C3	Fell – under footprint of construction
T573	Field maple (Acer campestre)	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

T574	Downy birch (Betula pubescens)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T575	Downy birch (Betula pubescens)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T576	Ash (Fraxinus excelsior)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T577	Pedunculate/common oak (Quercus robur)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T578	English elm (Ulmus procera)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T579	Ash (Fraxinus excelsior)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T580	Ash (Fraxinus excelsior)	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T581	Hawthorn species (Crataegus spp)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T582	Pedunculate/common oak (Quercus robur)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T583	Ash (Fraxinus excelsior)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T584	Ash (Fraxinus excelsior)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T585	Pedunculate/common oak (Quercus robur)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T586	Pedunculate/common oak (Quercus robur)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T587	Pedunculate/common oak (Quercus robur)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T588	Small-leaved lime (Tilia cordata)	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T589	Pedunculate/common oak (Quercus robur)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T590	Ash (Fraxinus excelsior)	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T591	Pedunculate/common oak (Quercus robur)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T592	Ash (Fraxinus excelsior)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

T593	Pedunculate/common oak (Quercus robur)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T594	Pedunculate/common oak (Quercus robur)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T595	Pedunculate/common oak (Quercus robur)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T596	Pedunculate/common oak (Quercus robur)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T597	Pedunculate/common oak (Quercus robur)	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T598	Pedunculate/common oak (Quercus robur)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T599	Pedunculate/common oak (Quercus robur)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T600	Pedunculate/common oak (Quercus robur)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T601	Pedunculate/common oak (Quercus robur)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T602	Pedunculate/common oak (Quercus robur)	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T603	Pedunculate/common oak (Quercus robur)	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T604	Pedunculate/common oak (Quercus robur)	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
T605	Ash (Fraxinus excelsior)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G1	Norway maple (Acer platanoides)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G2	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H3	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G4	Field maple (Acer campestre)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G5	Field maple (Acer campestre)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G6	Sycamore (Acer pseudoplatanus)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

G7	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G8	Ash (Fraxinus excelsior)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G9	Hawthorn species (Crataegus spp)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G10	Norway maple (Acer platanoides)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G11	Goat willow (Salix caprea)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G12	Scots pine (Pinus sylvestris)	B1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G13	Ash (Fraxinus excelsior)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G14	Common lime (Tilia europaea)	B1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H15	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G16	Whitebeam (Sorbus aria)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G17	Mixed broadleaves	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G18	Beech (Fagus sylvatica)	B1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G19	Mixed conifers	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H20	Hawthorn species (Crataegus spp)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G21	Goat willow (Salix caprea)	C2	Fell – under footprint of construction
G22	Ash (Fraxinus excelsior)	C2	Fell – under footprint of construction
H23	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G24	Ash (Fraxinus excelsior)	C2	Fell – under footprint of construction
G25	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G26	Field maple (Acer campestre)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

H27	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H28	hedgerow (mixed)	C3	Fell – under footprint of construction
H29	hedgerow (mixed)	C1	Fell – under footprint of construction
G30	Alder (Alnus spp)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G31	Sycamore (Acer pseudoplatanus)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G32	Pedunculate/common oak (Quercus robur)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G33	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G34	Pedunculate/common oak (Quercus robur)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G35	Pedunculate/common oak (Quercus robur)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G36	Pedunculate/common oak (Quercus robur)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G37	Mixed broadleaves	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G38	Mixed broadleaves	C2	Fell – under footprint of construction
G39	Grey willow (Salix cinerea)	C2	Fell – under footprint of construction
G40	Mixed broadleaves	B2	Fell – under footprint of construction
G41	Ash (Fraxinus excelsior)	C2	Fell – under footprint of construction
H42	Blackthorn (Prunus spinosa)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H43	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H44	Field maple (Acer campestre)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G45	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G46	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G47	Pedunculate/common oak (Quercus robur)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

G48	Hazel (Corylus avellana)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G49	Crab apple (Malus sylvestris)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H50	Mixed broadleaves	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H51	Mixed broadleaves	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G52	Mixed broadleaves	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H53	Mixed broadleaves	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G54	Field maple (Acer campestre)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H55	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H56	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H57	hedgerow (mixed)	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G58	Beech (Fagus sylvatica)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G59	Beech (Fagus sylvatica)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G60	Mixed broadleaves	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G61	Mixed broadleaves	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G62	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G63	White willow (Salix alba)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G64	White willow (Salix alba)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G65	Grey willow (Salix cinerea)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G66	Grey willow (Salix cinerea)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

G67	Alder (Alnus spp)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G68	Alder (Alnus spp)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G69	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G70	Mixed broadleaves	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G71	Norway maple (Acer platanoides)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G72	Mixed broadleaves	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G73	Mixed broadleaves	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G74	Hybrid poplar (Populus serotina/trichocarpa)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G75	Mixed broadleaves	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H76	Mixed broadleaves	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G77	Pedunculate/common oak (Quercus robur)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H78	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H79	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G80	Mixed broadleaves	A3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H81	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H82	hedgerow (mixed)	C3	Fell – under footprint of construction
G83	Mixed broadleaves	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G84	Goat willow (Salix caprea)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H85	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H86	hedgerow (mixed)	C3	Fell – under footprint of construction

H87	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H88	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G89	Mixed broadleaves	A2	Fell – under footprint of construction
H90	Hawthorn species (Crataegus spp)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H91	Mixed broadleaves	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H92	Mixed broadleaves	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H93	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G94	Ash (Fraxinus excelsior)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G95	Mixed broadleaves	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G96	Mixed broadleaves	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H97	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G98	Mixed broadleaves	C1	Fell – under footprint of construction
H99	hedgerow (mixed)	C3	Fell – under footprint of construction
H100	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G101	other pines (Pinus spp)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G102	Mixed broadleaves	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G103	Mixed broadleaves	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G104	Sweet chestnut (Castanea sativa)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G105	Silver birch (Betula pendula)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G106	White willow (Salix alba)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

G107	Ash (Fraxinus excelsior)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G108	Hawthorn species (Crataegus spp)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G109	Ash (Fraxinus excelsior)	U	Fell – under footprint of construction
G110	Mixed broadleaves	B1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G111	Mixed broadleaves	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G112	Ash (Fraxinus excelsior)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G113	Mixed broadleaves	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H114	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G115	Mixed broadleaves	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H116	hedgerow (mixed)	C3	Fell – under footprint of construction
H117	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G118	Mixed broadleaves	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H119	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G120	Holly species (Ilex spp)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G121	Holly species (Ilex spp)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G122	Mixed broadleaves	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G123	Field maple (Acer campestre)	C2	Fell – under footprint of construction
H124	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G125	Ash (Fraxinus excelsior)	C2	Fell – under footprint of construction
H126	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

H127	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H128	hedgerow (mixed)	C3	Fell – under footprint of construction
H129	hedgerow (mixed)	C3	Fell – under footprint of construction
G130	Hybrid poplar (Populus serotina/trichocarpa)	B2	Fell – under footprint of construction
G131	Leyland cypress (Cupressocyparis leylandii)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G132	Common lime (Tilia europaea)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G133	Hybrid poplar (Populus serotina/trichocarpa)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G134	Mixed broadleaves	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G135	Hybrid poplar (Populus serotina/trichocarpa)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G136	Leyland cypress (Cupressocyparis leylandii)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G137	Common lime (Tilia europaea)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G138	Mixed broadleaves	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G139	Mixed broadleaves	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H140	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G141	Field maple (Acer campestre)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G142	Common lime (Tilia europaea)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G143	Ash (Fraxinus excelsior)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G144	Mixed broadleaves	C1	Fell – under footprint of construction
G145	Mixed broadleaves	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H146	hedgerow (mixed)	C3	Fell – under footprint of construction

G147	Ash (Fraxinus excelsior)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H148	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G149	Mixed broadleaves	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H150	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G151	Ash (Fraxinus excelsior)	U	Fell – under footprint of construction
G152	Hybrid poplar (Populus serotina/trichocarpa)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G153	Mixed broadleaves	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H154	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H155	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H156	Mixed broadleaves	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G157	Sycamore (Acer pseudoplatanus)	B2	Fell – under footprint of construction
H158	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G159	Mixed broadleaves	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G160	Mixed broadleaves	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G161	Mixed broadleaves	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G162	Sycamore (Acer pseudoplatanus)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G163	Mixed broadleaves	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G164	Beech (Fagus sylvatica)	B1	Fell – under footprint of construction
G165	Lawsons cypress (Chamaecyparis lawsoniana)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H166	Hazel (Corylus avellana)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

H167	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G168	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G169	Ash (Fraxinus excelsior)	C1	Fell – under footprint of construction
H170	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H171	hedgerow (mixed)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G172	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
G173	Ash (Fraxinus excelsior)	C3	Fell – under footprint of construction
H174	Goat willow (Salix caprea)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G175	Ash (Fraxinus excelsior)	C1	Fell – under footprint of construction
H176	Mixed broadleaves	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G177	Ash (Fraxinus excelsior)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G178	Mixed broadleaves	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H179	Hawthorn species (Crataegus spp)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H180	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H181	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G182	Ash (Fraxinus excelsior)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G183	Ash (Fraxinus excelsior)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G184	Mixed broadleaves	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H185	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G186	Mixed broadleaves	C1	Fell – under footprint of construction

H187	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H188	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H189	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H190	Hazel (Corylus avellana)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G191	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G192	Ash (Fraxinus excelsior)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G193	Wild cherry/gean (Prunus avium)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G194	Hawthorn species (Crataegus spp)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H195	Hawthorn species (Crataegus spp)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G196	Pedunculate/common oak (Quercus robur)	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H197	Hawthorn species (Crataegus spp)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G198	Leyland cypress (Cupressocyparis leylandii)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H199	Hawthorn species (Crataegus spp)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G200	Lawsons cypress (Chamaecyparis lawsoniana)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G201	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G202	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G203	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H204	Hazel (Corylus avellana)	C2	Fell – under footprint of construction
H205	Hazel (Corylus avellana)	C2	Fell – under footprint of construction

G206	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G207	Pedunculate/common oak (Quercus robur)	B1	Fell – under footprint of construction
G208	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G209	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G210	Ash (Fraxinus excelsior)	C2	Fell – under footprint of construction
G211	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G212	Ash (Fraxinus excelsior)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G213	Ash (Fraxinus excelsior)	C2	Fell – under footprint of construction
G214	Field maple (Acer campestre)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G215	Norway spruce (Picea abies)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G216	Birch (downy/silver) (Betula pubescens/pendula)	B1	Fell – under footprint of construction
G217	Pedunculate/common oak (Quercus robur)	C3	Fell – under footprint of construction
H218	Hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G219	Hawthorn species (Crataegus spp)	C3	Fell – under footprint of construction
G220	Blackthorn (Prunus spinosa)	C3	Fell – under footprint of construction
G221	Other cherry spp (Prunus spp)	U	Fell – under footprint of construction
G222	Mixed broadleaves	U	Fell – under footprint of construction
G223	Ash (Fraxinus excelsior)	U	Fell – under footprint of construction
G224	Blackthorn (Prunus spinosa)	C3	Fell – under footprint of construction
G225	Mixed broadleaves	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H226	Hawthorn species (Crataegus spp)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

G227	Mixed broadleaves	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H228	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H229	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H230	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H231	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G232	Mixed broadleaves	B1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H233	hedgerow (mixed)	C3	Fell – under footprint of construction
H234	hedgerow (mixed)	C3	Fell – under footprint of construction
G235	Pedunculate/common oak (Quercus robur)	C3	Fell – under footprint of construction
G236	Pedunculate/common oak (Quercus robur)	B1	Fell – under footprint of construction
G237	Sycamore (Acer pseudoplatanus)	B1	Fell – under footprint of construction
G238	Blackthorn (Prunus spinosa)	C3	Fell – under footprint of construction
H239	Blackthorn (Prunus spinosa)	C3	Fell – under footprint of construction
G240	Ash (Fraxinus excelsior)	U	Fell – under footprint of construction
G241	Ash (Fraxinus excelsior)	U	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G242	Mixed broadleaves	B3	Fell – under footprint of construction
G243	Beech (Fagus sylvatica)	B2	Fell – under footprint of construction
H244	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G245	Mixed broadleaves	A3	Fell – under footprint of construction
G246	Field maple (Acer campestre)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G247	Hawthorn species (Crataegus spp)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G248	Mixed conifers	C1	Fell – under footprint of construction

G249	Pedunculate/common oak (Quercus robur)	C1	Fell – under footprint of construction
H250	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H251	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H252	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G253	Mixed broadleaves	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G254	Aspen (Populus tremula)	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G255	Mixed broadleaves	B2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G256	Mixed broadleaves	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G257	Blackthorn (Prunus spinosa)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H258	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H259	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H260	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H261	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G262	Mixed broadleaves	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G263	Mixed broadleaves	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H264	Blackthorn (Prunus spinosa)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G265	Pedunculate/common oak (Quercus robur)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G266	Hawthorn species (Crataegus spp)	C3	Fell – under footprint of construction
G267	Pedunculate/common oak (Quercus robur)	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G268	Ash (Fraxinus excelsior)	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

G269	Blackthorn (Prunus spinosa)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G270	Blackthorn (Prunus spinosa)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G271	Mixed broadleaves	U	Fell – under footprint of construction
H272	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G273	Pedunculate/common oak (Quercus robur)	C3	Fell – under footprint of construction
H274	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G275	Hawthorn species (Crataegus spp)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H276	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G277	Hybrid poplar (Populus serotina/trichocarpa)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G278	Alder (Alnus spp)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G279	Mixed broadleaves	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H280	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H281	Mixed broadleaves	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G282	Pedunculate/common oak (Quercus robur)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H283	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G284	Mixed broadleaves	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H285	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G286	Mixed broadleaves	A3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G287	Mixed broadleaves	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G288	Mixed broadleaves	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

G289	Mixed broadleaves	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G290	White willow (Salix alba)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G291	Mixed broadleaves	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G292	Mixed broadleaves	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G293	Mixed broadleaves	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G294	Leyland cypress (Cupressocyparis leylandii)	C2	Fell – under footprint of construction
G295	other cherry spp (Prunus spp)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G296	Nordmann fir (Abies nordmanniana)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G297	Alder (Alnus spp)	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G298	Alder (Alnus spp)	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G299	Alder (Alnus spp)	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G300	Alder (Alnus spp)	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G301	Hazel (Corylus avellana)	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G302	Blackthorn (Prunus spinosa)	C3	Fell – under footprint of construction
G303	Alder (Alnus spp)	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G304	Mixed broadleaves	B3	Fell – under footprint of construction
G305	Mixed broadleaves	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G306	Mixed broadleaves	C3	Fell – under footprint of construction
G307	Hawthorn species (Crataegus spp)	C3	Fell – under footprint of construction
G308	Mixed broadleaves	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

G309	Pedunculate/common oak (Quercus robur)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G310	Blackthorn (Prunus spinosa)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G311	Ash (Fraxinus excelsior)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G312	Pedunculate/common oak (Quercus robur)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G313	Mixed broadleaves	C3	Fell – under footprint of construction
G314	Mixed broadleaves	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G315	Lawsons cypress (Chamaecyparis lawsoniana)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G316	Pedunculate/common oak (Quercus robur)	C3	Fell – under footprint of construction
G317	Mixed broadleaves	B1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H318	hedgerow (mixed)	C3	Fell – under footprint of construction
G319	Field maple (Acer campestre)	B3	Fell – under footprint of construction
H320	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G321	Ash (Fraxinus excelsior)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G322	Pedunculate/common oak (Quercus robur)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G323	Pedunculate/common oak (Quercus robur)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G324	Mixed broadleaves	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H325	hedgerow (mixed)	C3	Fell – under footprint of construction
H326	hedgerow (mixed)	C3	Fell – under footprint of construction
G327	Ash (Fraxinus excelsior)	C3	Fell – under footprint of construction
G328	Hazel (Corylus avellana)	C3	Fell – under footprint of construction
H329	Mixed broadleaves	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

H330	hedgerow (mixed)	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G331	Mixed broadleaves	C2	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G332	Hawthorn species (Crataegus spp)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H333	Blackthorn (Prunus spinosa)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G334	other cherry spp (Prunus spp)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H335	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G336	Hawthorn species (Crataegus spp)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G337	Ash (Fraxinus excelsior)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G338	Hawthorn species (Crataegus spp)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G339	Mixed broadleaves	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G340	Pedunculate/common oak (Quercus robur)	B2	Fell – under footprint of construction
G341	Hawthorn species (Crataegus spp)	C3	Fell – under footprint of construction
H342	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G343	Ash (Fraxinus excelsior)	C1	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G344	Mixed broadleaves	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G345	Mixed broadleaves	B3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
H346	hedgerow (mixed)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012
G347	Ash (Fraxinus excelsior)	C3	Fell – under footprint of construction
G348	Ash (Fraxinus excelsior)	C3	Fell – under footprint of construction
G349	Ash (Fraxinus excelsior)	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

H350	Mixed broadleaves	C3	Unaffected – Retain and protect with temporary barrier in accordance with BS837:2012

Appendix 8: Example Cellular Confinement System

See following page.

CI/SfB

Common Arrangement R12

Uniclass
L81208/L81210

CellWeb™

Tree Root Protection System

Geosynthetics

CellWeb™

Tree Root Protection System

The CellWeb™ TRP cellular confinement system protects tree roots from the damaging effects of compaction and desiccation, while creating a stable, load-bearing surface for vehicular traffic.

Potential loss of existing tree due to poor construction techniques.

CellWeb™ offers an alternative to the traditional methods of constructing roadways and building foundations that involve excavation, which can result in tree root severance and soil compaction from the passage of vehicles. Such damage can severely influence tree health, and in extreme cases leads to death. CellWeb™ can be sensitively installed close to and under the canopies of trees without negative effects.

Trees are valuable landscape features and a vital environmental resource. Increasingly, contractors are being required to ensure the health and survival of trees during and beyond the construction period. Although this is enshrined in BS 5837: Trees in Relation to Construction: Recommendations (2005) and Tree Preservation Order legislation, it presents several issues when implementing construction projects near to trees:

- Root severance caused by excavation, leaving trees open to decay, less stable and with a diminished capacity to utilise soil water and nutrients.
- Destruction of soil structure and compaction due to the passage of heavy vehicles, restricting the flow of water and air to tree roots.
- Need for construction access, new roadways and hard surfaces that require engineering-standard load-bearing foundations that meet building regulations.
- Need for high-performance, cost-effective driveways and roadways in the vicinity of tree roots.

The CellWeb™ system overcomes these issues and helps contractors to comply with tree health guidelines by creating a load-bearing base that is water-permeable, stable and durable.

With no need for excavation, the system is quick and easy to install, reducing construction time and saving costs and making it suitable for temporary and permanent solutions.

Glynebourne Wood.

Pedestrian path to recreational woodland built using a CellWeb™ foundation which was covered with DuoBlock and then filled with woodchip to create a porous surface.

Product features

CellWeb™ comprises an expandable cellular mattress that is then filled with a clean stone sub-base and above a Treetex T300 Geotextile.

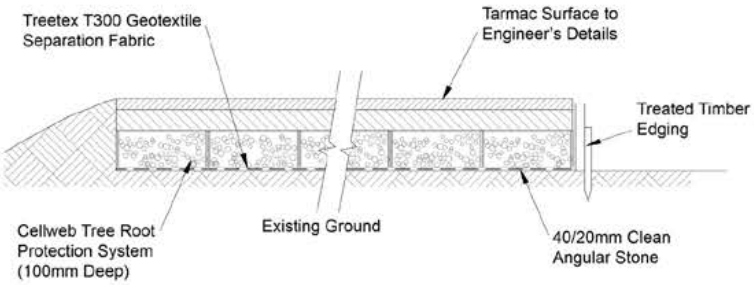
The honeycomb-like structure is made of robust high-density polyethylene (HDPE) that is simply stretched out and filled with clean angular material. Just like traditional roadways, the strength of the structure comes from the binding together of the infill, but with CellWeb™ this is achieved without compaction and without reduction in permeability.

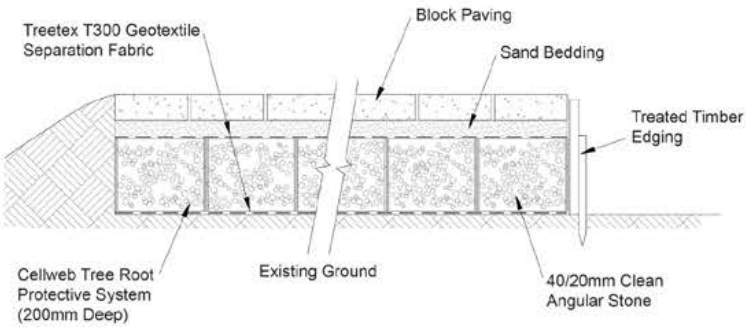
Perforated cell walls allow the angular infill to bind with the contents of the adjacent cell, but with sufficient space for the movement of water and air to nearby tree roots. As the infill contains no fines and the geotextile layers prevent clogging from particles washing into the system, the structure remains permeable to water over time and protects the roots for the lifetime of the tree.

As well as being quick and easy to install, CellWeb™ also dramatically cuts down the depth of sub-base required, in most cases by as much as 50%, further reducing costs. CellWeb™ significantly reduces surface rutting, increasing the long-term performance of the finished surface and ensuring that tree roots remain protected from vertical loads.

CellWeb can be used as a permanent solution or alternatively the system can be used in a temporary situation. In a temporary application the system can be used for the required period of time, then removed for use on another site or recycled, thereby adding to CellWeb's green credentials.

- No excavation – Soil structure remains undisturbed; risk of root damage minimised.
- Porous infill – Allows tree roots to conduct moisture and gas exchange.
- No compaction – No need to compact the infill to achieve a load-bearing structure.
- Lateral stability – Structure remains rigid to vertical loads.





Please call
01455 617 139
or email sales@geosyn.co.uk
for further information.

Wide product range

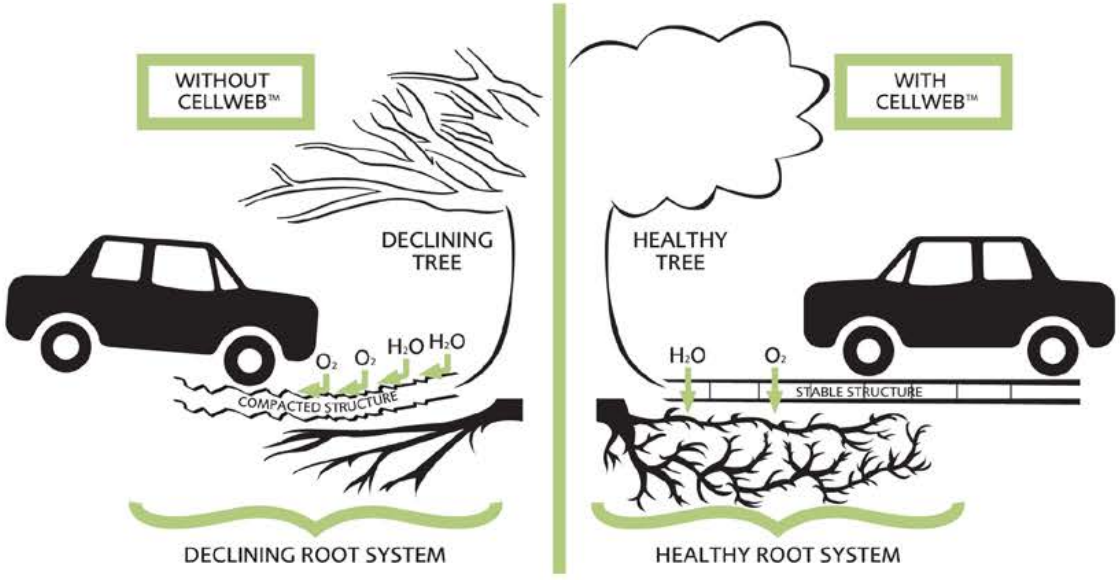
Large stock holding

Next day delivery

Hydrological benefits

Water is a shrinking resource in the urban environment. As the extent of the built environment increases, more and more ground is being covered by impermeable hard surfaces that repel rainwater runoff, preventing it from reaching the roots of vegetation, and in particular trees. Rapid water runoff stretches the capacity of stormwater drains and frequently results in drainage management issues that are rarely resolved in favour of adjacent trees.

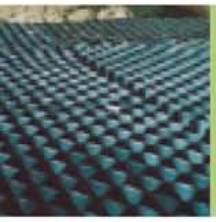
Using CellWeb™ mitigates these issues by promoting both the vertical and the lateral movement of water, whether the system is installed above or below ground. The 'pores' that are created by the spaces between the infill stones and the cell perforations even allow water to flow to adjacent tree roots that are effectively 'trapped' under areas of impermeable hard standing. CellWeb™ therefore helps to promote root growth and allows roots to continue to grow within areas of hard surfacing.



Design service

Onsite support

Geosynthetics



Design & installation

Final surfacing

The benefits of the CellWeb™ system to trees can only be maintained if a suitably porous final surface is selected. An ideal surfacing is the DuoBlocks grass reinforcement and gravel retention system, a visually attractive surface that has the advantage of being fully porous. Alternatives include block paviors, porous asphalts and loose or bonded gravel.

Call the Geosynthetics sales team on 01455 617 139 for more advice on surfacing options and other products and systems.

Advice and product selection

Geosynthetics Limited has been supplying the CellWeb™ system for many years and has acquired solid experience in its application. No two contracts are the same, and we understand the factors that need to be taken into account to specify the right CellWeb™ product.

We provide a FREE consultation, design and advisory service to find the solution that is most cost-effective and beneficial for your site. Our service includes product selection, CAD drawings and full instructions to help you from project conception to completion.

Call our sales office on 01455 617 139 for specification details and project-specific design assistance.

CellWeb™ in action:
Access road for the Lake District National Parks Authority.

Site before construction pictured above.

Installation of the CellWeb™ system.

Four years later.

Technical specification

Product Specifications

Properties	Standard Cell
Material	Virgin HDPE
Wall thickness	1.25mm
Seam welding	Ultrasonic to 100% of seam length
Cell depth	75, 100, 150, 200 and 300mm
Width of expanded panel	2.56m
Length of expanded panel	8.1m
Cell diameter (expanded)	259 x 224mm

Certified Quality

CellWeb™ is manufactured in accordance with the ISO 9001 Quality Management System in a comprehensive range of cell diameters and depths.

Geosynthetics Ltd

Geosynthetics

Geosynthetics Limited

Fleming Road, Harrowbrook Industrial Estate
Hinckley, Leicestershire LE10 3DU.

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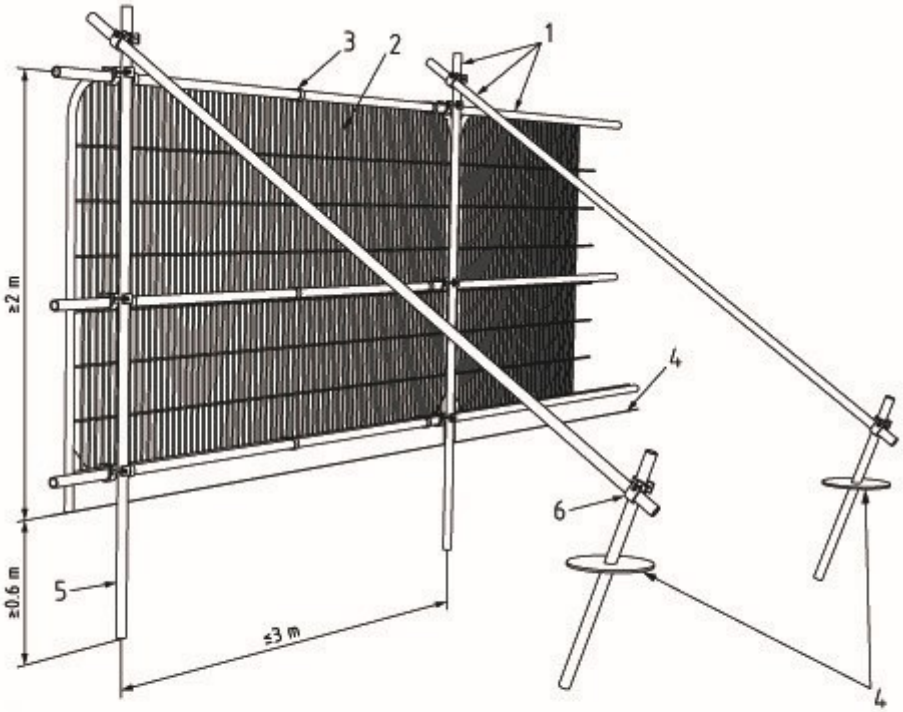
Appendix 9: Example Tree Protection Barrier

See following page.



Key

1 Standard scaffold poles

2 Heavy gauge 2 m tall galvanized tube and welded mesh infill panels

3 Panels secured to uprights and cross-members with wire ties

4 Ground level

5 Uprights driven into the ground until secure (minimum depth 0.6 m)

6 Standard scaffold clamps