OXFORDSHIRE
STRATEGIC RAIL FREIGHT INTERCHANGE

Environmental Statement

Chapter 6: Ecology & Arboriculture
Appendix 6.8: Arboricultural Assessment

Document 6.6H
Rev L

On behalf of
Oxfordshire Railfreight Limited

Prepared by FPCR Ltd.
October 2026

PINS REF:	TR050008
Document Reference	6.6H
APFP Regulation	5(2)(a)
Author	FPCR Ltd
Date	October 2026
Revision	L

FPCR | environment & design






APPENDIX 6.8
ARBORICULTURAL ASSESSMENT

Client

Oxfordshire Railfreight Ltd

Project

Oxfordshire Strategic Rail Freight Interchange

Date

October 2026

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Rev	Issue Status	Prepared/Date	Approved/Date
-	Draft	EC/05/04/22	HCK/12/04/22
I	Final	EC/03/02/26	HCK/03/02/26
J	Final	EC/06/02/26	HCK/06/02/26
K	Final	EC/13/02/26	HCK/13/02/26
L	Final	EC/13/10/26	HCK/13/10/26

1.0 INTRODUCTION

1.1 This report has been prepared by FPCR Environment and Design Limited on behalf of Oxfordshire Railfreight Ltd to accompany a Development Consent Order application for a new Strategic Rail Freight Interchange, at land south of Ardley, (hereafter referred to as the site), OS Grid Ref OS Grid Ref SP533 263.

1.2 An Arboricultural Assessment dated February 2026 was submitted to relevant consultees at Cherwell District Council (CDC) and Oxfordshire County Council (OCC) and this is an updated report to address points raised within informal dialogue and in Relevant Representations largely regarding Veteran Trees and Ancient Woodland.

Site Description

1.3 All the land involved in delivering the Oxfordshire Strategic Rail Freight Interchange (OxSRFI) proposal – comprising the Main Site, Central Hub and Highway Works areas, including the J10 (M40) Highway Improvements, proposed Ardley Bypass, Middleton Stoney Relief Road and Heyford Park Link – is referred to as the Application Site.

1.4 The 'Main Site' is located between the B430 and the former Upper Heyford Airfield, which is located to the west of the Main Site. It is and is immediately south of the Chiltern Railway line. It predominantly consists of agricultural land used for mixed arable and grazing purposes and includes the Ashgrove farmstead ("Ashgrove Farm") which comprises a number of farm buildings and residences and the 'In Vessel Composting Facility' which is an operational commercial food and garden waste composting facility.

1.5 The 'Application Site' includes land to the east of the Main Site and east of the B430 which includes the Viridor Ardley Energy Recovery Facility ("Viridor ERF") as well as the Ardley Fields Household Waste and Recycling facility and Ardley Landfill Site. Further south of the waste facilities is an active 'Dewars Farm' minerals quarry.

1.6 The village of Ardley is located to the north of the Main Site and north of the Chiltern Railway. The village of Middleton Stoney is located approximately 1.5km to the south of the Main Site. The M40 motorway runs nearby, to the east of the Main Site, as well as to the east of both Ardley and Middleton Stoney, with the town of Bicester beyond the M40 in a south-easterly direction from the Main Site.

Scope of Assessment

1.7 A tree survey and assessment of existing trees was carried out by FPCR Environment and Design in November 2020 and June 2021 in accordance with guidance contained within British Standard 5837:2012 'Trees in Relation to Design, Demolition and Construction - Recommendations' (hereafter referred to as BS5837) to accompany the application submission. Updated surveys were undertaken in April 2025 to reassess the condition of trees only and following dialogue with CDC and OCC, further surveys were undertaken in June 2026.

1.8 The purpose of this report is therefore to firstly, present the results of this assessment of the existing trees' arboricultural value, based on their current condition and quality and to secondly, provide an assessment of impact arising from the proposed development of the site.

2.0 PLANNING POLICY

National Networks National Policy Statement

2.1 The NPS sets out the need for, and government's policies to deliver, development of Nationally Significant Infrastructure Projects (NSIPs) on the national road and rail networks in England. The current NPS is dated March 2024

2.2 The NPS includes the following paragraphs relating to arboriculture.

- *5.62 Ancient woodland and ancient and veteran trees are irreplaceable habitats. England's ancient woodlands and ancient and veteran trees support high levels of biodiversity. They are home to a quarter of England's priority species for conservation and once lost they cannot be recreated. They also deliver many ecosystem services including clean water and healthy soils, carbon storage, support for people's wellbeing and their long-standing cultural values. The Keepers of Time published in 2022 updates the government's policy to recognise the value of England's ancient and native woodlands and ancient and veteran trees. It restates the government's commitment to evaluate the threats facing these habitats and sets out updated principles and objectives to protect and improve these habitats for future generations.*
- *5.63 The Secretary of State should not grant development consent for any development that would result in the loss or deterioration of irreplaceable habitats including ancient woodland and ancient and veteran trees unless there are wholly exceptional reasons (for example, where the public benefit would clearly outweigh the loss or deterioration of habitat) and a suitable compensation strategy exists.*
- *5.182 Productive forests provide economic benefits to communities and ensure a supply of domestic timber resources. In addition, forests, trees and woodlands also provide wider ecosystem services. The Environmental Improvement Plan recognises the need to protect trees and woodland and increase tree canopy and woodland cover. Specific actions are set out in the England Trees Action Plan 2021 to 2024, including a commitment to ensure strong planning reforms will lead to more trees being planted and ensure strong protections for existing trees.*
- *5.195 Existing trees and woodlands should be retained where possible. The applicant should assess the impacts on, and loss of, all trees and woodlands within the project boundary and avoid and mitigate for any direct and indirect effects and any risk of net deforestation as a result of the scheme (Irreplaceable Habitats require separate consideration 5.57-5.58). Mitigation may include the use of buffers to enhance resilience, improvements to connectivity, and improved woodland management. Where woodland loss is unavoidable, compensation schemes will be required, and the long-term management and maintenance of newly planted trees should be secured. Opportunities for tree planting and woodland creation should be maximised.*

National Planning Policy Framework

2.3 National Planning Policy is defined by the National Planning Policy Framework (NPPF). This sets out the Government's most current and up to date planning policies for England and how these should be applied. The current NPPF is dated August 2026.

2.4 Within the latest version of the NPPF there are several policies relating to trees. The following lists the most relevant.

N2: Improving the natural environment

d. Conserve and enhance existing natural features of visual, historic or nature conservation value (such as established trees and hedgerows) where possible; and use appropriate landscaping to help create a well-designed place and integrate the development into its surroundings;

N3: Trees in new development

1. In recognition of the benefits which trees can provide for biodiversity, climate change mitigation and adaptation, and the character and quality of the built environment, development proposals should:

a. Make new streets tree-lined (unless there are strong reasons why this would be inappropriate in specific streets), and incorporate trees in other suitable locations, such as in parks and through the provision of community orchards;

b. Ensure that the selection of species and their placement is compatible with highways and other infrastructure requirements and the needs of different users of public spaces; and will be effective in helping to adapt to the effects of climate change and delivering other environmental benefits. Suitable arboricultural advice should be sought, and proposals discussed with highways and trees officers where necessary, so that the right trees are planted in the right places; and

c. Make provision for the long-term maintenance of both existing and newly planted trees which form part of the development.

N6: Areas of particular importance for biodiversity and geodiversity

2. Irrespective of a site's status in nature conservation terms, development proposals which would entail the loss or deterioration of irreplaceable habitats (such as ancient woodland and ancient or veteran trees) should be refused, unless there are wholly exceptional reasons[62] and a suitable compensation strategy exists.

[62] For example, infrastructure projects (including nationally significant infrastructure projects, orders under the Transport and Works Act and hybrid bills), where the public benefit would clearly outweigh the loss or deterioration of the relevant habitats.

2.5 The above policies are broadly consistent with the policies relating to trees in the previous version of the NPPF dated December 2024 referenced within the Arboricultural Assessment dated February 2026.

Local Planning Policy

Adopted Cherwell Local Plan (2011-2031)

2.6 Local planning decisions regarding all future developments are assessed against a framework to ensure that the district or county in question is developed in a well-informed and coherently systematic manner whilst protecting the local ecological resources, landscape context and intrinsic heritage value of an area.

2.7 The adopted Local Plan includes the following relevant policies:

Policy ESD 10: Protection and Enhancement of Biodiversity and the Natural Environment

"*The protection of trees will be encouraged, with an aim to increase the number of trees in the District*."

Policy ESD 13: Local Landscape Protection and Enhancement

"Opportunities will be sought to secure the enhancement of the character and appearance of the landscape, particularly in urban fringe locations, through the restoration, management or enhancement of existing landscapes, features or habitats and where appropriate the creation of new ones, including the planting of woodlands, trees and hedgerows."

Tree Policy for Oxfordshire 26/4/2022

2.8 The County Council has a Tree Policy which outline the County Councils commitment for proactive tree care and tree planting in built-up areas to deliver on the County Councils ambition to increase canopy across Oxfordshire.

2.9 Within the Tree Policy for Oxfordshire, there are several policies relating to trees within the county and Oxfordshire County Council will seek to implement these policies where it is the determining authority for planning applications. The following lists the most relevant.

Policy 1:

The Council recognises the urgent need to increase canopy cover in Oxfordshire. Tree planting on Council managed land must prioritise larger growing, shade-providing trees, scaling down to smaller ornamental trees where larger trees are not suitable.

Policy 2:

The Council will establish a diversity of species to mitigate against climate adaptation, pests and disease that can threaten entire species and the Council will have the final say on species selection or adoption. A 'Right tree, right place' approach to species selection will be made.

Policy 3:

For every tree that is on Oxfordshire County Council land or is the responsibility of the Authority and has a Stem Diameter of 15cm or greater at the time of removal, two trees will be planted. The replacements will be planted in the same or similar location. Should the existing location(s) be deemed not viable for direct replacements, alternative tree planting locations will be identified within the Authority's responsibility or land within the locality.

Policy 4:

Any County Council trees that must be removed due to claim mitigation will be replaced adhering to the mitigation agreement.

Policy 14:

The County Council will seek compensation from any organisation or individual requesting removal of any public tree(s) related to an approved planning application that are the responsibility of the County Council. Compensation will be determined as calculated by Capital Asset Valuation of Amenity Trees (CAVAT).

Policy 16:

All organisations, companies or operatives must be able to demonstrate adherence to national guidelines and standards related to the protection and retention of trees listed in the reference and supporting documents section of this policy when working on land owned by the County Council; under the responsibility of the County Council; or within the Public Highway of Oxfordshire. When working near to or under trees, this must be referenced in their relevant method statements.

Policy 18:

Highway improvement projects will be used as an opportunity to (re)introduce street trees as part of the overall design with the aim of maximising canopy cover in urban areas.

Policy 19:

New highways that are to be adopted or may be considered for adoption in the future must have tree cover as a core part of the design, including consideration of tree-lined avenues either side of carriageways or along central reservations, as required by Section 131 of the National Planning Policy Framework (NPPF). The design must deliver canopy cover of at least 30% after 10 years across the streetscape for adoption.

Policy 20:

Planning application submissions by Oxfordshire County Council for projects - such as major new roads or school buildings - will prioritise retention of trees of high amenity value taking consideration of both their individual merit and their interaction as part of a group or broader landscape feature. The projects must prioritise the introduction of trees as a component of the design.

Policy 21:

Applications for new developments, where the County Council is the regulatory body, must demonstrate how they have adequately incorporated the planting of trees, hedges and woodland to address the following climate adaptation necessities:

• reduce wind speeds;

• reduce the potential for urban heat island effect;

• reduce air pollution;

• reduce flooding;

• enhance biodiversity;

• support sustainable agricultural processes.

Where developments require and have agreement to the felling of trees (as determined by the County Council), the landscaping plan will need to demonstrate that an increase in canopy cover of at least 30% after 10 years within the site can and will be achieved.

Policy 22:

On strategic developments, the County Council will seek to ensure that the landscaping plan will specify and demonstrate widely distributed tree cover (or equivalent green infrastructure) in the public domain to achieve at least 30% canopy cover within 10 years.

3.0 SURVEY METHODOLOGY

3.1 The survey of trees has been carried out in accordance with the criteria set out in Chapter 4 of BS5837. The survey has been undertaken by a suitably qualified and experienced arboriculturist and has recorded information relating to all those trees within the site and those adjacent to the site which may be of influence to any proposals. Trees were assessed for their arboricultural quality and benefits within the context of the proposed development in a transparent, understandable, and systematic way.

3.2 Trees have been assessed as groups, hedgerows or woodland where it has been determined appropriate.

- The term group has been applied where trees form cohesive arboricultural features either aerodynamically, visually or culturally including biodiversity or habitat potential for example parkland or wood pasture.
- For the purposes of this assessment, a hedgerow is described as any boundary line of trees or shrubs less than 5m wide at the base and are managed under a regular pruning regime.
- For the purposes of this assessment woodland is described as a habitat where 'trees are the dominant plant form. The individual tree canopies generally overlap and interlink, often forming a more or less continuous canopy'[1]. Woodlands however, are not just formed of trees and generally include a great variety of other plants. These will include 'mosses, ferns and lichens, as well as small flowering herbs, grasses and shrubs'[2].

3.3 An assessment of individual trees within groups, hedgerows and woodland has been made where a clear need to differentiate between them, for example, to highlight significant variation between attributes including physiological or structural condition or where a potential conflict may arise.

BS5837 Categories

3.4 Trees, groups, hedgerows, and woodland have been divided into one of four categories based on Table 1 of BS5837, 'Cascade chart for tree quality assessment'. For a tree to qualify under any given category it should fall within the scope of that category's definition (see below).

3.5 Category U trees are those which would be lost in the short term for reasons connected with their physiology or structural condition. They are, for this reason not considered in the planning process on arboricultural grounds.

3.6 Categories A, B and C are applied to trees that should be of material consideration in the development process. Each category also having one of three further sub-categories (i, ii, iii) which are intended to reflect arboricultural, landscape and cultural or conservation values accordingly.

3.7 **Category (U) – (Red):** Trees which are unsuitable for retention and are 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 within this category are:

1 Ancient woodland, ancient trees and veteran trees: advice for making planning decisions - GOV.UK (www.gov.uk)

[2] http://www.countrysideinfo.co.uk/woodland_manage/whatis.htm

- Trees that have a serious irremediable structural defect such that their early loss is expected due to collapse and includes trees that will become unviable after removal of other category U trees.
- Trees that are dead or are showing signs of significant, immediate or irreversible overall decline.
- Trees that are infected with pathogens of significance to the health and/ or safety of other nearby trees or are very low quality trees suppressing adjacent trees of better quality.
- Certain category U trees can have existing or potential conservation value which may make it desirable to preserve.

3.8 **Category (A) – (Green):** Trees that are considered for retention and are of high quality with an estimated remaining life expectancy of at least 40 years with potential to make a lasting contribution. Such trees may comprise:

- Subcategory (i) trees that are particularly good examples of their species, especially if rare or unusual, or are essential components of groups such as formal or semi-formal arboricultural features for example the dominant and/or principal trees within an avenue.
- Subcategory (ii) trees, groups or woodlands of particular visual importance as arboricultural and / or landscape features.
- Subcategory (iii) trees, groups or woodlands of significant conservation, historical, commemorative or other value for example veteran or wood pasture.

3.9 **Category (B) – (Blue):** Trees that are considered for retention and are of moderate quality with an estimated remaining life expectancy of at least 20 years with potential to make a significant contribution. Such trees may comprise:

- Subcategory (i) trees that might be included in category A but are downgraded because of impaired condition for example the presence of significant though remediable defects, including unsympathetic past management and storm damage.
- Subcategory (ii) 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.
- Subcategory (iii) trees with material conservation or other cultural value.

3.10 **Category (C) – (Grey):** Trees that are considered for retention and are of low quality with an estimated remaining life expectancy of at least 10 years or young trees with a stem diameter below 150mm. Such trees may comprise:

- Subcategory (i) unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories.
- Subcategory (ii) trees present in groups or woodlands, but without this conferring on them significantly greater collective landscape value or trees offering low or only temporary / transient screening benefits.
- Subcategory (iii) trees with no material conservation or other cultural value.

Ancient and Veteran Trees

3.11 Various published methodologies are currently available for the identification of Ancient and Veteran trees which, due to the complexity and subjectivity of the process of defining and assessing these trees, often have conflicting definitions.

3.12 British Standard: 5837 (BS:5837) defines veteran trees as.

"Tree that, by recognized criteria, shows features of biological, cultural or aesthetic value that are characteristic of, but not exclusive to, individuals surviving beyond the typical age range for the species concerned".

NOTE These characteristics might typically include a large girth, signs of crown retrenchment and hollowing of the stem

3.13 BS:5837 does not provide a definition for ancient trees and therefore the assessment and the criterion being used for identifying ancient tree is based upon government guidance on, *Ancient woodland, ancient trees and veteran trees: advice for making planning decisions*[3] which states.

"All ancient trees are veteran trees, but not all veteran trees are ancient. The age at which a tree becomes ancient, or veteran will vary by species because each species ages at a different rate."

3.14 Ancient and veteran trees are also material considerations within the planning process, and their importance is specifically recognised within the National Networks National Policy Statement (NPS) 2024 and the National Planning Policy Framework (NPPF) 2026, which include their own, different, definitions of ancient and veteran trees:

NPS (2024):

"A tree which, may not be very old, but they have significant decay features, such as branch death and hollowing. All ancient trees are veteran trees, but not all veteran trees are ancient."

NPPF (2026)

'A tree which, because of its age, size, and condition, is of exceptional biodiversity, cultural or heritage value. All ancient trees are veteran trees. Not all veteran trees are old enough to be ancient but are old relative to other trees of the same species. Very few trees of any species reach the ancient life-stage.'[4]

3.15 As the application is for a Nationally Significant Infrastructure Project (NPIS) the NPS would be the primary source of policy, with veteran trees assessed and considered under the NPS definition and relevant policies, as opposed to the NPPF.

3.16 Unlike the NPPF definition that requires a veteran tree be of sufficient age and size, setting a higher bar for what is veteran, the definition within BS:5837 and NPS states that veteran trees are *"not exclusive to individuals surviving beyond the typical age range for the species concerned"* and "*may not be very old".*

3.17 Veteran trees should however display characteristics of ancient trees, which include:

- Major stem cavities with decay and/or hollowing

3 Ancient woodland, ancient trees and veteran trees: advice for making planning decisions - GOV.UK (www.gov.uk)
4 Ancient woodland, ancient trees and veteran trees: advice for making planning decisions - GOV.UK (www.gov.uk)

- Signs of crown reorganisation (age related 'retrenchment')
- Large quantity of dead wood in crown, 150mm diameter +
- Major storm damage, e.g. breakout wounds, broken stubs 30cm.
- Habitat spaces: decay holes and/ or crevices/ branch splits sheltered from direct rainfall
- Aerial rooting
- Sap run / slime flux
- Water pools
- Bark loss (exceeding 400cm2 inc. due to lightning strike)
- Fungi (especially notable or protected species)
- Other epiphytic plants, including ferns & significant presence of lichens or mosses

3.18 It is considered that the greater the number and extent of these features present within a given tree, the greater its ecological habitat value and potential for veteran condition, meeting the test of 'exceptionality'.

3.19 When assessing veteran trees, reference has also been made to number of publications which include.

- Owen & Alderman (2008) and Reed, H. (2000). Veteran Trees: A Guide to Good Management. English Nature
- Lonsdale, D (ed.) (2013) Ancient and other Veteran Trees: Further Guidance on Management, The Tree Council & Ancient Tree Forum for guidance on the recognition of both ancient and veteran trees.
- RAVEN 2 (Recognition of Ancient, Veteran & Notable trees) Julian Forbes-Laird (2023)[7]
- Recognising and Categorising Ancient and Other Veteran Trees (2024) [8]

Ancient Woodland

3.20 To compile existing baseline information on relevant arboricultural considerations, information was requested from both statutory and non-statutory nature conservation organisations. The Multi Agency Geographic Information for the Countryside (MAGIC) website highlighted tree cover within the site as Ancient Woodland.

3.21 Ancient woodland in England is defined as an area that has been continuously wooded since at least 1600 AD. 'Continuously wooded' does not require there to have been a continuous cover of trees and shrubs across the entire area. Habitats such as glades, deer lawns, rides, ponds and streams, as well as gaps created by natural occurrences, and forestry may all occur within woodland.

7 Recognition of Ancient, Veteran & Notable Trees – RAVEN 2 (2023) – Julian Forbes-Laird Consultancy.
8 Recognising and Categorising Ancient and Other Veteran Trees (2024) – Woodland Trust..

3.22 Ancient woodland includes both ancient semi-natural woodland and plantations on ancient woodland sites:

- Ancient semi-natural woodland (ASNW) is where the stands are composed predominantly of trees and shrubs native to the site that do not obviously originate from planting. However, woodlands with small planting of trees native to the site would still be included in this category. The stands may have been managed by coppicing or pollarding or the tree and shrub layer may have grown up by natural regeneration.
- Plantations on ancient woodland sites (PAWS) these are areas of ancient woodland where the former native tree cover has been felled and replaced by planted trees, predominantly of species not native to the site. These sites often retain some of the ancient woodland features such as soils, ground flora, fungi and woodland archaeology.

3.23 Ancient woodland is a resource of great importance for its wildlife, soils, recreation, cultural value, history and the contribution to diverse landscapes and their importance is specifically recognised within the NPS (2024).

Considerations and Limitations of the Tree Survey

3.24 The survey was completed from ground level only and from within the boundary of the site. Aerial tree inspections or an assessment of the internal condition of the stem/s or branches were not undertaken at this stage as this level of survey is beyond the scope of the initial assessment.

3.25 The statements made in this report regarding the assessed trees applies to the date of survey and cannot be assumed to remain unchanged indefinitely. It will be necessary to review all comments and observations made within this report, in accordance with sound arboricultural practice, within two years of the date of survey (unless explicitly stated elsewhere within this report). Further review may also be necessary where site conditions change or works to trees are carried out which have not been specified in detail within this report.

3.26 Hedgerows are identified as a Habitat of Principal Importance (HPI) as listed within Section 41 of the Natural Environment and Rural Communities (NERC) Act 2006. The tree survey conducted, in accordance with BS5837, does not assess hedgerows against the Hedgerow Regulations 1997 or specifically from an ecological perspective, and is outside the scope of this assessment.

4.0 RESULTS

4.1 A total of two hundred and sixty-six individual trees, one hundred and thirty-nine groups of trees, five woodlands and eighty hedgerows were surveyed as part of the Arboricultural Assessment. Trees were surveyed as individual trees, groups, hedgerows and woodland as per the survey methodology.

4.2 Appendix A presents details of all individual trees, groups, hedgerows and woodlands recorded during the assessment including heights, diameters at 1.5m from ground level, crown spread (given as a radial measurement from the stem), age class, comments as to the overall condition at the time of inspection, BS5837 category of quality and suitability for retention and the root protection area (RPA), calculated in accordance with Annex C, D and Section 4.6 of BS5837:2012.

4.3 General observations particularly of structural and physiological condition for example the presence of any decay and physical defect and preliminary management recommendations have also been recorded where appropriate.

4.4 The individual positions of trees, groups, hedgerows and woodlands have been shown on the Tree Survey Plan. The positions of trees are based on a topographical / land survey, as far as possible, supplied by the client. Where topographical information has not identified the position of trees these have been plotted using a global positioning system and aerial photography to provide approximate locations. The crown spread, root protection area and shade pattern (where appropriate) are also indicated on this plan.

Results Summary

4.5 The majority of the assessed trees are present within hedgerows and are in variable condition as is typical of trees associated with farmland, there was evidence of; browsing damage; storm damage; pruned lower branches to provide clearance for machinery; and the cultivation of fields close to tree stems.

4.6 English oak *Quercus robur* and common ash *Fraxinus excelsior* are the most common species. Additional species less frequently encountered included horse chestnut *Aesculus hippocastanum*, crack willow *Salix fragilis*, beech *Fagus sylvatica*, and Sycamore *Acer pseudoplatanus*.

4.7 The majority of the individual trees (two hundred and twenty-six) and groups of trees (one hundred and thirty-six) were recorded as being within Categories B and C of the category's definition set out in Chapter 4 of BS5837. Only twenty-six individual trees, one tree group and a single woodland were recorded as being of high arboricultural quality and Category A with three individual trees within the Main Site and one individual tree within the Wider Application Site (Order Limits), considered to meet the definition of veteran tree under NPS, and recorded as Category A (iii) accordingly, to acknowledge their veteran status. Seventeen individual trees and two groups were recorded as being unsuitable for retention and within Category U.

4.8 Table 1 below summarises the trees assessed and several of the trees have been discussed in more detail following the table, owing to their physical condition or arboricultural significance.

Table 1: Summary of Trees by Retention Category

	Individual Trees	Total	Groups of Trees	Total
Category U - Unsuitable	T32, T47, T48, T49, T50, T51, T82, T97, T98, T99, T132, T135, T177, T181, T186, T200, T261	17	G2, G43	2
Category A (High Quality / Value)	T30, T33, T81, T93, T103, T104, T129, T147, T148, T149, T150, T151, T152, T153, T154, T155, T156, T160, T170, T251, T252, T253, T263, T271, T272, T273	26	G143, W4	2
Category B (Moderate Quality / Value	T11, T14, T15, T17, T18, T21, T22, T23, T24, T52, T53, T54, T56, T68, T78, T80, T86, T92, T94, T95, T96, T101, T102, T108, T109, T110, T111, T113, T114, T119, T120, T123, T124, T125, T128, T130, T133, T136, T137, T140, T141, T142, T143, T145, T146, T158, T161, T162, T163, T165, T167, T168, T169, T171, T172, T173, T175, T176, T178, T179, T180, T182, T183, T184, T185, T188, T189, T191, T194, T196, T197, T212, T217, T221, T224, T225, T226, T227, T229, T231, T232, T233, T234, T235, T236, T237, T238, T239, T240, T241, T242, T243, T244, T245, T246, T262, T270	97	G6, G9, G11, G12, G13, G14, G15, G18, G19, G20, G21, G25, G26, G27, G28, G31, G35, G38, G40, G42, G48, G49, G50, G55, G58, G60, G62, G65, G68, G69, G77, G82, G86, G87, G88, G89, G91, G93, G94, G96, G97, G98, G100, G109, G110, G111, G113, G114, G118, G120, G121, G125, G126, G127, G128, G129, G133, G134, G135, G136, G137, G138, G139, G140, G141, G142, H10, H27, H28, H29, H30, H32, H51, H52, H53, H54, H55, H59, H62, H63, W1, W2, W3, W5	84

	Individual Trees	Total	Groups of Trees	Total
Category C (Low Quality / Value)	T1, T2, T3, T4, T5, T6, T7, T8, T9, T12, T13, T16, T19, T20, T25, T26, T27, T28, T29, T34, T35, T36, T37, T38, T39, T40, T41, T42, T43, T44, T45, T55, T57, T58, T59, T60, T61, T62, T63, T64, T65, T66, T67, T69, T70, T71, T72, T73, T74, T75, T76, T77, T79, T83, T84, T85, T87, T88, T89, T90, T91, T100, T105, T106, T107, T115, T116, T117, T118, T121, T122, T126, T127, T131, T134, T138, T139, T144, T159, T166, T174, T187, T190, T192, T193, T195, T198, T199, T201, T202, T204, T206, T207, T208, T209, T210, T211, T213, T214, T215, T216, T218, T222, T223, T228, T230, T248, T249, T250, T254, T255, T256, T257, T258, T259, T260, T265, T266, T267, T268, T269, T274, T275, T276, T277, T278	126	G1, G3, G4, G5, G7, G8, G10, G16, G17, G22, G23, G24, G29, G30, G32, G33, G34, G36, G37, G39, G41, G44, G45, G46, G47, G51, G52, G53, G54, G56, G57, G59, G61, G63, G64, G66, G67, G71, G72, G73, G74, G75, G76, G78, G79, G80, G81, G83, G84, G85, G90, G92, G95, G107, G112, G115, G116, G117, G119, G122, G123, G124, G144, G145, G146, G147, G148, G149, G150, G151, H1, H2, H3, H4, H5, H6, H7, H8, H9, H11, H12, H13, H14, H15, H16, H17, H18, H19, H20, H21, H22, H23, H24, H25, H26, H31, H33, H34, H35, H36, H37, H38, H39, H40, H41, H42, H43, H44, H45, H46, H47, H48, H49, H50, H56, H57, H58, H60, H61, H64, H65, H66, H67, H68, H69, H70, H71, H72, H73, H74, H75, H76, H77, H78, H79, H80	136
	Total	266	Total	139 – Tree Groups 80 - Hedgerows 5 - Woodland

Main Site

4.9 The Main Site predominantly consists of agricultural land used for mixed arable and grazing purposes and includes the Ashgrove farmstead ("Ashgrove Farm") and the Severn Trent Green Power 'In Vessel Composting' (IVC) facility ("Severn Trent Green Power IVC"). Tree cover within this area is largely restricted to field boundary hedgerows which contain individual trees. As is typical of trees within this setting, there was evidence of; browsing damage; storm damage; pruned lower branches to provide clearance for machinery; and the cultivation of fields close to tree stems.

4.10 While many of the trees within the main site were recorded as moderate quality (Category B) due to the presence of remediable defects, several trees were considered of low quality (Category C) due to more significant and irremediable defects and subsequent impaired condition. A small number of high-quality trees, all English oak, were recorded within the main site area being particularly good examples of the species and with considerable remaining life expectancies by virtue of the species.

4.11 Tree groups were recorded within the main site along field boundaries and small watercourses. These included areas of plantation woodland, recorded as tree groups as per the survey methodology, due to a lack of woodland structure and absence of other plants. These groups formed cohesive arboricultural features of moderate quality, attracting a higher collective rating than they might as individuals for their landscape value. G53, a predominantly poplar *Populus x canadensis* plantation in the south of the site was recorded as being of low quality due to windthrow with a safe life expectancy of less than the twenty years required to merit higher classification.

4.12 Tree cover along the Chiltern Railway line which forms the northern boundary of the main site was typical of railway embankment tree cover, being sporadic in appearance and comprising a mixture of species. This tree cover had been subject to regular management to maintain clearance to the railway line and had been flailed along field edges. From an arboricultural perspective this tree cover was considered of low quality.

4.13 The most arboriculturally significant tree cover within the 'Main Site' stood around Ashgrove Farm. This tree cover included mature examples of deodar cedar *Cedrus deodara*, wellingtonia *Sequoiadendron giganteum*, yew *Taxus baccata* and weeping willow *Salix x sepulcralis 'Chrycosoma'*. While several of these trees displayed senescence and a decline in structural and physiological condition, which reduced their life expectancy to less than the 40 years required to merit Category A designation, they should still be regarded as arboriculturally significant trees.

4.14 Two blocks of woodland (W1 and W2) were recorded to the south of the 'Main Site', both were situated beyond the 'Order Limits' but could potentially be affected by the future proposals. Both woodlands comprised of immature planted tree cover and were considered to have material conservation and landscape value being recorded as Category B.

4.15 While much of the tree cover within the 'Main Site' would be considered typical of an arable setting, a linear group of alternating sycamore and beech (T147 – T157), would be more typically associated with a parkland setting and former estate around Manor Farm, a farmstead situated beyond the southern boundary of the 'Order Limits'. Forming a significant arboricultural feature and being particularly good examples of the species, this tree cover was recorded as Category A.

4.16 Two trees within this row T150 and T152 and a single ash tree (T93), situated within an internal field boundary hedgerow, were considered to meet the definition of veteran tree under NPS, displaying significant decay features and were recorded as Category A (iii) accordingly, to acknowledge their veteran status.

4.17 Appendix B presents details of all veteran features recorded during the assessment. To afford these trees greater protection in accordance with Government Guidance, a buffer zone calculated in accordance with the guidelines detailed within Ancient and other Veteran Trees: Further Guidance on Management (Lonsdale, D (ed.) (2013). The Tree Council & Ancient Tree Forum, at a distance equal to 15 times the trees stem diameter, or five metres beyond the canopy, whichever is the greater (Read, 2000) has been shown on the Tree Survey Plan.

Wider Application Site (Order Limits)

4.18 The remainder of the Application Site (beyond the Main Site) predominantly consists of agricultural land, but this area also includes the Viridor Ardley Energy Recovery Facility ("Viridor ERF") as well as the Ardley Fields Household Waste and Recycling facility and Ardley Landfill Site. Further south of the waste facilities is an active minerals quarry and there is a disused quarry within land to the north of the waste facilities.

4.19 Tree cover within this area is largely restricted to field boundaries, which were defined by maintained hedgerows which contain individual trees. But also includes several tree groups and areas of woodland alongside highways and Gagle Brook, a small water course which runs north to south through the Application Site.

4.20 Highway plantation in the north of the of the Application Site alongside the A43 and junction 10 of M4 was typical of highway tree cover, comprising a mixture of species, planted with close spacing to provide screening. From an arboricultural perspective this tree cover was generally considered of moderate quality for the screening function that it provides, although several groups were downgraded to low category being of limited proportions and subsequently of limited screening value.

4.21 The north of the Application Site, east of the village of Ardley, consists of agricultural land used for mixed arable and grazing purposes. Tree cover within this area is restricted to field boundaries defined by maintained hedgerows and planted linear tree groups. As is typical of trees within this setting, there was evidence of; pruned lower branches to provide clearance for machinery; and the cultivation of fields close to tree stems.

4.22 Of the assessed trees in this area of the 'Application Site', one specimen T170, an ash was considered as veteran, based the definition within NPS (and NPPF). T170 possessed a qualifying large stem girth for the species, and it supported sufficient veteran features, which included a decayed and hollowing stem, deadwood, and epiphytes. As such T170 was recorded as Category A, to acknowledge its veteran status.

4.23 The Ardley Fields Household Waste and Recycling facility and Ardley Landfill Site Ardley Landfill Site were generally devoid of tree cover by virtue of the current and former site use. Where tree cover was recorded, this included tree cover along the Chiltern Railway, typical of railway embankment tree cover, and generally considered of low quality, and tree cover along the B430 which provided an effective screen to the landfill site and was recorded as moderate quality.

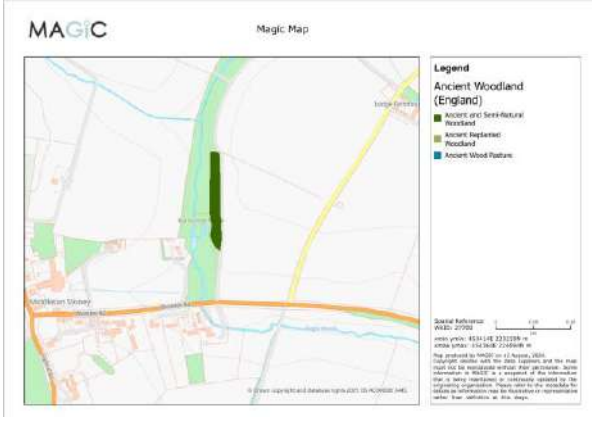
4.24 The south of the Application Site also consists of agricultural land but contained Gagle Brook, a small water course which runs north to south through the Application Site. Tree cover along Gagle Brook was recorded as woodland (W4), as per the survey methodology, and is identified as Burntclose Copse. Comprising of mature tree cover and including a variety of other plants W4 was considered to have material conservation and landscape value being recorded as Category A.

4.25 Ash die back *Hymenoscyphus fraxineus*, a fungus which causes leaf loss; crown dieback; and bark lesions, was recorded on tree cover across the Application Site. While it should be noted that not all affected trees will die, with some individuals showing limited genetic tolerance, the disease remains incurable and poses a high risk of mortality. While the disease has been present within the UK for over thirteen years, it is difficult to determine with certainty how the disease will affect tree population with several trees seeming to coexist with the infection for some extent of time.

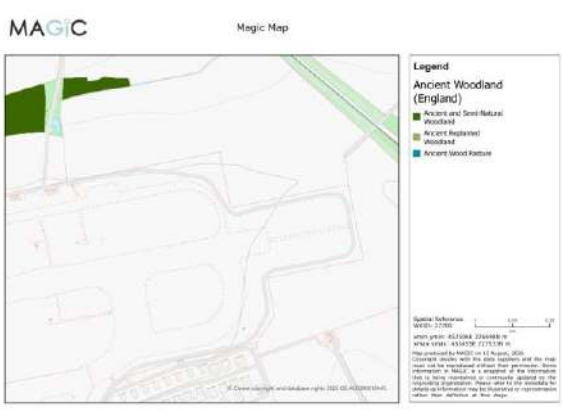
Ancient Woodland

4.26 To compile existing baseline information on Ancient Woodland, information was requested from both statutory and non-statutory nature conservation organisations through the Multi Agency Geographic Information for the Countryside (MAGIC) website[9].

4.27 The Multi Agency Geographic Information for the Countryside (MAGIC) website identified two small areas of Ancient Woodland on or within influencing distance of the Order Limits. G6 a mixed species tree group to the north of the Main Site identified as Kennel Copse, along with a small section of W4, a woodland along Gagle Brook identified as Burntclose Copse, as identified in Figure 2 below.



Magic Map Extract of W4



Magic Map Extract of G6

Figure 1: DEFRA Magic Map Capture – Ancient Woodland.

4.28 Ancient Woodland in England is defined as an area that has been continuously wooded since at least 1600 AD and Ancient semi-natural woodland (ASNW) is where the stands are composed predominantly of trees and shrubs native to the site that do not obviously originate from planting.

4.29 Ancient Woodland is a material consideration within the planning process, and its importance is specifically recognised within the NPS (and NPPF). To afford this Ancient Woodland greater protection a 15m Buffer Zone in accordance with Government Guidance on Ancient woodland[10] has been shown on the Tree Survey Plan.

[9] http://magic.defra.gov.uk/
[10] Ancient woodland, ancient trees and veteran trees: advice for making planning decisions - GOV.UK

Statutory Considerations

4.30 It is understood having used the online search facility on the website for the Local Planning Authority, Cherwell District Council that there are no Tree Preservation Orders that would apply to any trees present on, or in proximity to the assessment site.

4.31 A Conservation Area "RAF Upper Heyford" abuts the northwestern boundary of the 'Main Site', under the Planning (Listed Buildings and Conservation Areas) Act 1990, a Conservation Area designation provides protection to places of special interest where it is considered especially important to preserve the character and appearance of the area. Extra planning controls relating to trees are in place to help manage change in conservation areas so that the special interest can be preserved.

4.32 Should the proposed works form part of a wider planning application there would be no need to ask for separate Conservation Area consent for works to trees. But prior to any tree surgery and / or the removal of trees not detailed within this report it will be necessary to apply to the relevant local planning authority to gain consent for the works.

4.33 Information provided on Tree Preservation Orders and Conservation Areas is accurate to the date of this assessment and cannot be assumed to remain unchanged. Before any tree works are undertaken confirmation of the online information should be sought from the Local Authority.

5.0 ARBORICULTURAL IMPACT ASSESSMENT

5.1 The following paragraphs present a summary of the tree survey and discussion of particular trees and groups recorded in the context of any proposed development in the form of an Arboricultural Impact Assessment in accordance with section 5.4 of BS5837. Any final tree retentions will need to be reconciled with the advice contained within this report.

5.2 As part of this assessment, a Tree Retention Plan has been prepared to allow for an assessment of any potential conflicts and identify which trees would be required to be removed as part of the proposed development.

5.3 The proposed development of the Main Site, includes an intermodal rail terminal served via new connections to the Chiltern Main Line, including container storage and up to 603,850 sqm of warehousing.

5.4 The proposed development of wider Application Site includes new road infrastructure and works to the existing road network, including the provision of a new Ardley Bypass, Heyford Park Link Road and Middleton Stoney Relief Road, delivered as part of wider improvements to M40 Junction 10.

5.5 The table below summarises the impacts to tree stock on the Main Site and within the Application Site and these impacts have been discussed in more detail following the table.

Table 2: Summary of Impact on Tree Stock

	Trees to be Impacted on Main Site	Total	Trees to be Impacted on Application Site	Total
Category U - Unsuitable	T32, T47, T48, T49, T50, T51, T82, T97, T98, T99, T135	11		
	G2(15m²), G43(85m²)	2 (100m²)		
Category A (High Quality / Value)	T30, T33, T81, T93, T103, T104	6	T272	1
			W4p(4715m²)	1 (4715m²)
Category B (Moderate Quality / Value	T11, T14, T15, T17, T18, T21, T22, T23, T24, T52, T53, T54, T78, T80, T83, T86, T92, T94, T95, T96, T101, T102, T136, T140, T141, T142, T143, T158, T161, T162, T163, T165, T217, T224	34	T172, T178, T179, T180, T185, T188, T212, T221	8

	Trees to be Impacted on Main Site	Total	Trees to be Impacted on Application Site	Total
	G9(125m²), G11(2335m²), G18p(105m²), G19(2750m²), G20(6680m²), G21p(110m²), G25p(155m²), G40p(70m²), G48p(5390m²), G49p(170m²), G50p(135m²)	11 (18025m²)	G55p(215m²), G58p(895m²), G60p(590m²), G68p(2260m²), G86p(2900m²), G89p(410m²), G91p(935m²), G93p(275m²), G96p(125m²), G111p(2290m²), G114p(145m²), G139(7020m²)	12 (18060m²)
	H10p(220m)	1 (220m)	H52p(80m), H59p(300m)	2 (380m)
			W2p(200m²), W3p(2840m²), W5p(380m²)	3 (3420m²)
Category C (Low Quality / Value)	T5, T6, T12, T13, T16, T19, T20, T25, T26, T27, T28, T29, T34, T35, T36, T73, T74, T75, T76, T77, T79, T84, T85, T87, T88, T89, T90, T91, T100, T105, T106, T107, T144, T166, T218, T223	36	T159, T201, T202, T211, T222	5
	G3p(2400m²), G7p(1390m²), G8(370m²), G10(435m²), G22p(125m²), G44p(40m²), G46(1500m²), G52(2190m²), G53p(760m²), G54(335m²)	10 (9545m²)	G56(550m²), G57p(740m²), G59p(2660m²), G61p(4300m²), G62p(22000m²), G64p(8480m²), G65p(1070m²), G66(665m²), G67p(3090m²), G72(1545m²), G74(1190m²) G76(280m²), G77(610m²), G78(6775m²), G85p(1460m²), G95p(1760m²), G112p(800m²), G119p(65m²), G144p(265m²), G146p(330m²), G148p(495m²)	21 (59130m²)

	Trees to be Impacted on Main Site	Total	Trees to be Impacted on Application Site	Total
	H1p(135m), H2p(75m), H5(45m), H6(475m), H7(175m), H8(485m), H9(425m), H11(315m), H12(90m), H13(300m), H14(615m), H19p(575m), H20(260m), H21(140m), H22(350m), H23(230m), H24p(460m), H25(170m), H26(140m), H34p(15m), H35(380m), H36p(140m), H37(560m), H38p(490m), H39p(95m), H40(225m), H41(110m), H42(170m), H44(340m), H67p(285m), H70p(65m), H79p(15m), H80p(10m)	33 (8360m)	H17p(15m), H18p(5m), H45p(225m), H47p(120m), H48(235m), H49p(345m), H50(815m 20m), H56p(45m), H62p(155m), H63p(45m), H64p(55m), H65p(60m), H66p(75m), H69p(30m), H77(70m), H78p(30m)	16 (2345m)
	Total	87 - Individual trees 23 - Tree groups (27670m²) 34 - Hedgerows (8580m)	Total	14 - Individual trees 33 - Tree groups (77515m²) 18 - Hedgerows (2725m) 4 - Woodlands (10540m²)

p - Indicates partial removal of group, hedgerow or woodland
Length provided for hedgerow loss is approximate (see Tree Retention Plan)
Area of group and woodland loss is approximate and based upon canopy area (see Tree Retention Plan)
Hedgerows and groups in red are identified as important hedgerows within the Ecological Assessment

Main Site

5.6 To achieve development of this scale will unavoidably require significant ground works and level changes, to create large level platforms that could house the freight terminal, warehousing, and ancillary buildings. These ground works will require the removal of much of the internal tree cover with it being both unfeasible and unworkable to design such a development around the retention of individual trees and hedgerows.

5.7 This proposed necessary tree removal would include T93, an ash tree identified as veteran under the NPS definition. The NPS states that "*The Secretary of State should not grant development consent for any development that would result in the loss or deterioration of irreplaceable habitats including ancient woodland and ancient and veteran trees unless there are wholly exceptional reasons (for example, where the public benefit would clearly outweigh the loss or deterioration of habitat) and a suitable compensation strategy exists.*"

5.8 This application is for a nationally significant infrastructure project, and as such the loss of T93 is considered justified by the economic and wider importance of the proposals as '*wholly exceptional*' but in accordance with the policy a suitable compensation strategy would need to be provided. The scheme will deliver extensive new tree and woodland planting on the site (over 56ha) providing a significant uplift in tree coverage to that which currently exists and therefore a significant enhancement to the onsite tree resource. This new tree and woodland planting would in arboricultural terms be considered as suitable compensation for the loss of T93 in the medium and long-term. Further mitigation for the loss of habitat is also proposed and is detailed within the Veteran Tree Strategy (ES6.12). This mitigation includes the creation of a deadwood reserve which could house sections of the trunk and primary branches of T93 retaining some of its habitat value on site.

5.9 The development has instead been designed around the retention of larger areas of existing tree cover, including tree cover around Ashgrove farmstead ("Ashgrove Farm"), the linear group of alternating sycamore and beech (T147 – T157), and large portions of internal tree groups G21, G22, G18, G47, G50 and G53. This tree cover would be retained within areas of open space to provide both maturity to the internal landscape and screening to warehousing, and ancillary buildings.

5.10 While the proposals have been designed around the retention of G53, a predominantly poplar plantation in the south of the site, this group was recorded as being of low quality due to windthrow and may be unsuitable for long term retention. While the retention of this group will provide transient benefits to the site, the group should be subject to both short-term management, removing wind thrown trees in the interest of safety, and long-term management restoring and enhancing this tree group through new tree planting of more suitable species.

5.11 Boundary tree cover has largely been retained where it is not being impacted by the railway sidings and access points, to maintain the current level of screening it provides to the site. This tree cover would also be enhanced and improved through substantial new buffer tree planting illustrated along several of the site boundaries. Extensive new tree planting has also been illustrated across the site, which would create new tree lined street and landscape buffer strips between warehousing and ancillary buildings. This new tree planting will significantly increase tree cover across the site and provide mitigation for the proposed tree removal.

5.12 Areas of Ancient Woodland adjacent to the site would not be affected by the proposals, and a policy compliant 15m buffer zone has been applied and will be respected when it comes to construction and implementation of the proposals (secured by the CEMP and future phase specific CEMPs).

5.13 While Government Guidance on Ancient woodland Ancient Woodland, Ancient Trees and Veteran Trees: Advice for Making Planning Decisions' states that "*For ancient woodlands, the proposal should have a buffer zone of at least 15 metres from the boundary of the woodland to avoid root damage (known as the root protection area). Where assessment shows other impacts are likely to extend beyond this distance, the proposal is likely to need a larger buffer zone. For example, the effect of air pollution from development that results in a significant increase in traffic.*"

5.14 In relation to the proposals, G6 (Kennel Copse) is shown to be buffered by an area of green space, there are no proposed impacts which are likely to extend beyond the minimum 15m buffer and as such any impact to this habitat is anticipated to be negligible and there will be no loss nor deterioration of the ancient woodland as a result. The ancient woodland stand within Burntclose Copse (W4) has also been provided the minimum 15m buffer, as while it is accepted that there is the potential for hydrological impacts with this section of woodland situated within a natural depression through which a small stream identified as Gagle Brook flows, potential hydrological impacts have been assessed and it has been confirmed that post-development flows will be limited to greenfield rates and the proposed works would not impact flow rates within Gagle Brook and there will be no loss nor deterioration of the ancient woodland as a result.

Wider Application Site (Order Limits)

5.15 Proposed Highway Works within the Wider Application Site include the J10 Highway Improvements Works, the Ardley Bypass, the Middleton Stoney Relief Road, Heyford Park Link. These highway works have been informed by the existing tree cover and have been designed to avoid tree removal where it is feasible to do so.

5.16 The most significant tree removal, in terms of number of trees being impacted, is for the J10 Highways Improvements, which will require the removal of large areas of buffer tree planting from around the existing junction. The impacted tree cover largely comprises low-quality buffer groups of early mature proportions but does also include the removal of a large section of G62, a mature group. Although the removal of this tree cover would result in a short-term arboricultural impact, new tree planting proposed around the improved junction would provide mitigation and maintain a similar level of tree cover.

5.17 The creation of the Ardley Bypass and principal access to the Main Site, will similarly require the removal of tree cover, to create gaps in hedgerow and tree groups for the proposed route of the bypass and the removal of a large section of G86 to create a roundabout for the principal access. Minimal tree removal is required to provide this bypass and the access, and no high-quality trees would be impacted. Again, this tree removal would be mitigated for through new planting to the west of the road and around the access which will increase tree cover in this area.

5.18 Railway access to the Main Site will require ground works and the removal of embankment tree cover from the Application Site, including G3, G72, G74, G76, G77 and G78 along with individual trees T161 – T166 and T172. This tree cover was typical of railway embankment tree cover and generally considered of low quality. Its removal is unavoidable to provide the rail freight terminal and should not constrain the development of the site.

5.19 The proposed railway access will not however result in any impact to T170, a veteran tree, recorded within a hedgerow north of the railway line, which will be retained along with the hedgerow in which it is situated to maintain similar levels of connectively to this irreplaceable habitat.

5.20 To provide the Middleton Stoney Relief Road will unavoidably require the removal of a section of woodland (W4), where the road will cross Gagle Brook, a small water course which runs north to south through the Application Site. While the removal of a section of this woodland is unavoidable to achieve this relief road, the proposals have been designed to avoid the section of W4 identified as ancient woodland on the Multi Agency Geographic Information for the Countryside (MAGIC) website. Again, substantial new tree and woodland planting is proposed within this area alongside the new road which will mitigate for the removal of this section of woodland.

5.21 Modifications to existing junctions and the highway network within the Application Site will require the removal of sections of woodland W2 and W3. The loss of this moderate quality woodland, will result in an arboricultural impact but this would be mitigated for though new woodland planting proposed within the site.

5.22 While several of the trees identified to be removed are ash which are infected with ash dieback, effective management of ash dieback, as set out in the *The Tree Council's ash dieback action plan toolkit*[11], and *Guide for Tree Owners*[12], requires a balanced approach that prioritises safety, recommending that trees be removed only where this is warranted on safety grounds. So, while trees situated adjacent to roads would likely to be removed irrespective of development, the vast majority of trees would in current context of the site use, be retained enabling declining trees to continue to contribute to their wider ecosystem.

5.23 Further offsite highway improvements, including works to the A4095 / B4030 roundabout which are not being directly delivered by the proposals but which the proposals would contribute towards should approval be given, also have the potential to impact further tree cover. Where works have the potential to impact trees, further survey work should be undertaken and any additional impacts not identified within this assessment should be assessed and suitable mitigation provided.

5.24 Footpath connections, including a proposed path along the edge of Ancient Woodland (W4) should where feasible be diverted to avoid RPA and Buffer Zones. Where this is not feasible, they should be constructed using tree friendly conduction methods such as a cellular confinement system with a porous surface, to ensure there is no adverse impact to retained trees or deterioration of the Ancient Woodland.

11 Tree-Council-Ash-Dieback-Toolkit-2.0-2.pdf (treecouncil.org.uk)
12 Tree-Council-Ash-dieback-tree-owners-guide-FINAL.pdf (treecouncil.org.uk)

Discussion

5.25 The NPS recognises the importance of ancient woodland and veteran trees, and this has been considered when assessing the proposals for any impacts to these features. In summary, the proposals would not result in any loss of ancient woodland and while a single veteran tree would be removed it is considered that the application meets relevant planning policies being an application where there are '*wholly exceptional reasons (for example, where the public benefit would clearly outweigh the loss or deterioration of habitat) and a suitable compensation strategy exists*' that would allow for the veteran tree to be removed subject to a suitable compensation strategy being in place.

5.26 The NPS also recognises the value of trees of woodlands stating trees and woodlands should be retained where possible but acknowledges that where woodland loss is unavoidable compensation will be required through management and new planting and includes a commitment to ensure strong planning reforms will lead to more trees being planted.

5.27 The proposals are considered in accordance with both the NPS (and NPPF) in relation to arboriculture, through the retention of a high proportion of the existing tree cover, as far as can be achieved, whilst delivering the scheme. Focus has also been given to enhancement of retained tree cover and the provision of extensive new tree cover across the site through new landscaping secured by appropriate requirements to an approval of the DCO, to ensure that suitable mitigation is provided to offset the necessary tree loss.

5.28 Both the adopted Cherwell Local Plan and the Tree Policy for Oxfordshire include policies aimed at increasing tree cover. Development of the site will significantly increase tree cover and will meet many of the individual aspirations set out in these policies. Where the loss of highway trees and trees within Oxfordshire County Council ownership is necessary consideration should be given to the policies set out in the Tree Policy for Oxfordshire.

6.0 NEW TREE AND HEDGEROW PLANTING

6.1 As part of the development proposals substantial new areas of tree planting has been demonstrated within the Application Site alongside the improved road network and within the Main Site as part of an extensive landscape scheme. The purpose and function of this new tree planting should be understood from the start of any design stages so that key objectives from a landscape perspective can also be achieved.

6.2 The success of any landscaping scheme relies on an adequate provision of a high-quality rooting environment within which trees can thrive and reach their full potential. Planting trees with due care and consideration can, in the long term, provide a greater return on a schemes green investment and ensure trees remain healthy and grow to mature proportions.

6.3 Wherever possible, following discussions with the developer and utility companies, common service trenches should be specified to minimise land take associated with underground service provision and facilitation access for future maintenance.

6.4 Tree planting should be avoided where they may obstruct overhead power lines or cables. Any underground apparatus should be ducted or otherwise protected at the time of construction to enable trees to be planted without resulting in future conflicts.

6.5 Hedgerows are identified as a Habitat of Principal Importance (HPI) as listed within Section 41 of the Natural Environment and Rural Communities (NERC) Act 2006. Consequently, it is important that the proposed scheme delivers a net gain in terms of linear hedgerows through new planting to compensate for any losses.

7.0 TREE PROTECTION MEASURES

7.1 Measures to protect trees should follow the guidance in BS5837 and be applied where necessary for the purpose of protecting trees within the site whilst allowing sufficient access for the implementation of the proposed layout. These have been broadly summarised below.

General Information and Recommendations

7.2 All trees retained on site should be protected by suitable barriers or ground protection measures around the calculated RPA, crown spread of the tree or other defined constraints of this assessment as detailed by section 6 and 7 of BS5837.

7.3 Barriers should be erected prior to commencement of any construction work and once installed, the area protected by fencing or other barriers will be regarded as a construction exclusion zone.

7.4 Any trees that are not to be retained as part of the proposals should be felled prior to the erection of protective barriers. Particular attention needs to be given by site contractors to minimise damage or disturbance to retained specimens.

Tree Protection Barriers

7.5 Tree protection fencing should be fit for the purpose of excluding any type of construction activity and suitable for the degree and proximity of works to retained trees. Barriers must be maintained to ensure that they remain rigid and complete for the duration of construction activities on site.

7.6 In most situations, fencing should comprise typical construction fencing panels attached to scaffold poles driven vertically into the ground, as illustrated in Appendix C.

7.7 Where site circumstances and the risk to retained trees do not necessitate the default level of protection an alternative will be specified appropriate to the level / nature of anticipated construction activity.

Protection outside the exclusion zone

7.8 Once the areas around trees have been protected by the barriers, any works on the remaining site area may be commenced providing activities do not impinge on protected areas.

7.9 All weather notices should be attached to the protective fencing to indicate that construction activities are not permitted within the fenced area. The area within the protective barriers will then remain a construction exclusion zone throughout the duration of the construction phase of the proposed development.

7.10 Wide or tall loads etc should not come into contact with retained trees. Banksman should supervise transit of vehicles where they are near retained trees.

7.11 Oil, bitumen, cement or other material that is potentially injurious to trees should not be stacked or discharged within 10m of a tree stem. No concrete should be mixed within 10m of a tree. Allowance should be made for the slope of ground to prevent materials running towards the tree.

7.12 Notice boards, telephone cables or other services should not be attached to any part of a retained tree.

7.13 Any trees which need to be felled adjacent to or are present within a continuous canopy of retained trees, must be removed with due care (it may be necessary to remove such trees in sections).

8.0 TREE MANAGEMENT

8.1 All retained trees should be subjected to sound arboricultural management as recommended within section 8.8.3 of BS5837 Post Development Management of Existing Trees, where there is a potential for public access to satisfy the landowner's duty of care.

8.2 Landowners responsible for trees, especially those within the public domain, have a legal 'duty of care' to ensure that visitors and neighbours of their land are reasonably safe and that nobody comes to harm or injury, by his or her negligence, through taking measures to reduce risks as far as is 'reasonably practical' (The Health and Safety at Work Act 1974).

8.3 To ensure that risks are reduced as far as is 'reasonably practicable' it will be necessary that, a review of the relationship between retained trees and the new development should be undertaken by a qualified arboriculturist to assess the retained tree cover and prepare a schedule of tree works.

8.4 The Occupiers Liability Act (1957 and 1984) also places a 'duty of care' to ensure that no reasonably foreseeable harm takes place due to tree defects. That duty of care should be reasonable, proportionate, and reasonably practicable when managing the risk13.

8.5 It is currently expected that a suitably qualified Arboriculturist or tree surveyor should inspect trees with an appropriate level of regularity. The purpose of the inspections is to determine whether a tree could foreseeably cause harm by virtue of its size and physical condition.

13 The Health and Safety at Work Act 1974

9.0 CONCLUSION

9.1 A total of 266 individual trees, 139 tree groups, 80 hedgerows and 5 woodlands were recorded within the Order Limit. English oak and common ash are the most common species, and the majority of the individual trees (226) and groups of trees (136) were recorded as being within Categories B and C of the category's definition set out in Chapter 4 of BS5837.

9.2 While development of the Main Site, will require the removal of much of the internal tree cover, the development strategy has been designed around the retention of boundary tree cover and larger areas of internal tree cover including tree cover around Ashgrove farmstead ("Ashgrove Farm") to maintain the current level of screening provided to the site and to provide maturity to the internal landscape.

9.3 Where tree removal is necessary, with it being both unfeasible and unworkable to design such a development around the retention of all individual trees and hedgerows, this tree and hedgerow removal would be mitigated for through an extensive landscape scheme proposed across the Main Site.

9.4 New road infrastructure within the Wider Application Site including the J10 Highway Improvements Works, the Ardley Bypass, Heyford Park Link Road and Middleton Stoney Relief Road, will similarly require the removal of tree cover. This is necessary to create gaps in hedgerow, tree groups and woodland for the proposed route of the new roads and the removal of a large sections of highway tree cover for the junction improvement works.

9.5 These highway works have been informed by the existing tree cover and have been designed to avoid tree removal where it is feasible to do so and avoid the removal of ancient woodland. Where tree removal is unavoidable this would be mitigated for through substantial new areas of tree planting alongside the improved road network.

9.6 In conclusion for arboriculture, through careful consideration of the design, the proposals would see the retention of existing tree cover where feasible and while the proposals will result in the loss of a veteran tree the provision of extensive new tree planting across the site would mitigate for the loss of this veteran tree and the wider tree removal and it is considered that the proposals meet the objectives of both local and national planning policies.

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Notes:

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- Veteran Tree and Ancient Woodland Buffer Zone (in accordance with Ancient and Other Veteran Trees: Further Guidance on Management)
- Order Limits

rev	date	description	drwn/chkd
---	03.12.20	First Issue	AW
K	11.08.26	Veteran Trees Added	EC
L	12.10.26	Order Limit Update	EC

client
Oxfordshire Railfreight Ltd

project
Strategic Rail Freight Interchange, Ardley, Oxfordshire

title
TREE SURVEY PLAN

scale
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number
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K	11.08.26	Veteran Trees Added	EC
L	12.10.26	Order Limit Update	EC

client
Oxfordshire Railfreight Ltd

project
Strategic Rail Freight Interchange, Ardley, Oxfordshire

title
TREE SURVEY PLAN

scale
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- Order Limits

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See 8308-T-03

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rev	date	description	drwn/chkd
---	03.12.20	First Issue	AW
K	11.08.26	Veteran Trees Added	EC
L	12.10.26	Order Limit Update	EC

client
Oxfordshire Railfreight Ltd

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Strategic Rail Freight Interchange, Ardley, Oxfordshire

title
TREE SURVEY PLAN

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K	11.08.26	Veteran Trees Added	EC
L	12.10.26	Order Limit Update	EC

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Strategic Rail Freight Interchange, Ardley, Oxfordshire

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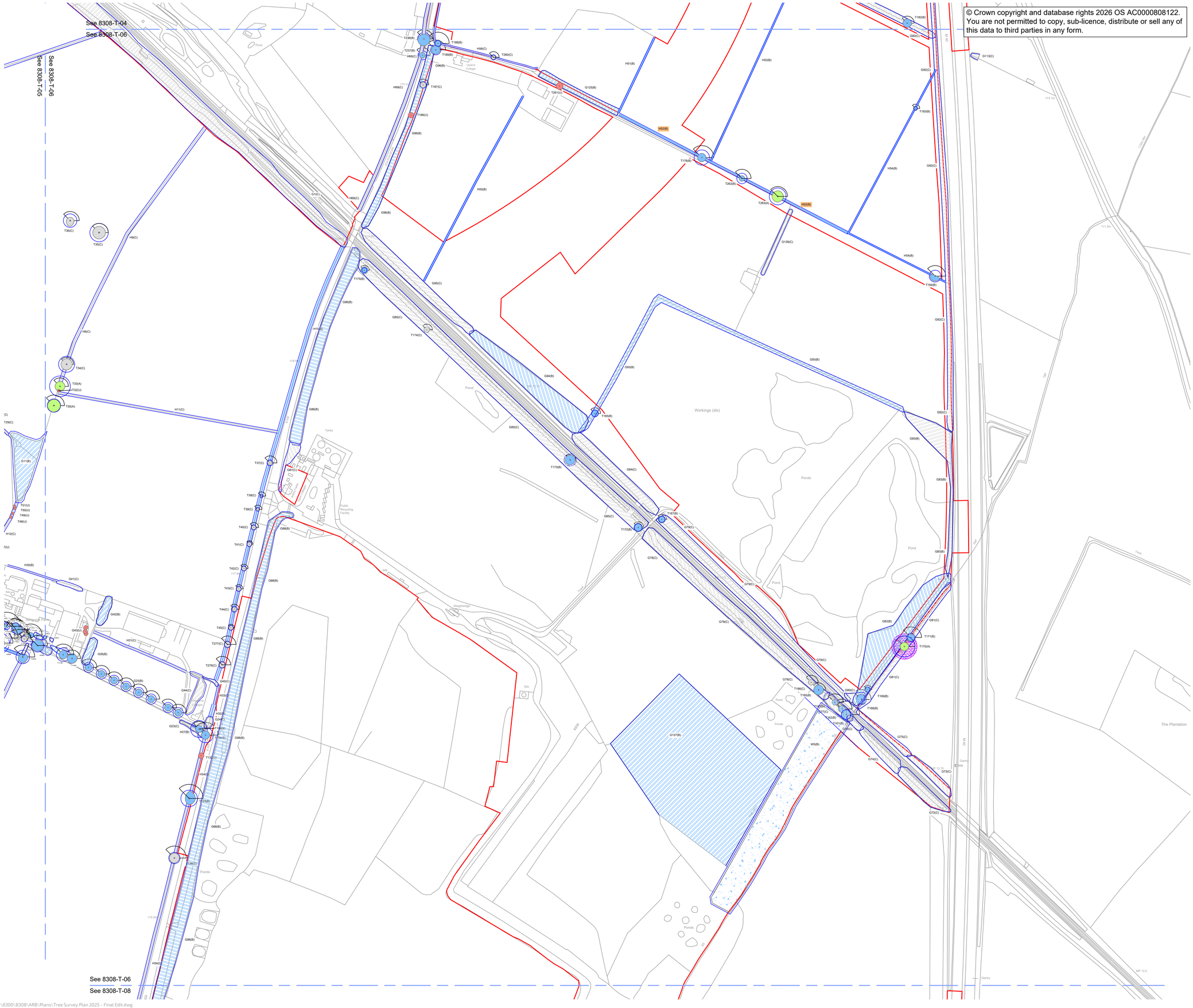
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client
Oxfordshire Railfreight Ltd

project
Strategic Rail Freight Interchange, Ardley, Oxfordshire

title
TREE SURVEY PLAN

scale
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client
Oxfordshire Railfreight Ltd

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Strategic Rail Freight Interchange, Ardley, Oxfordshire

title
TREE SURVEY PLAN

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Notes:

All dimensions to be verified on site. Do not scale this drawing, use figure dimensions only. Drawing to be read in conjunction with Arboricultural Assessment and Appendix A - Tree Schedule.
The exact position of individual trees or species included as part of a tree group, woodland or hedgerow should be checked and verified site prior to and decisions for foundation design, tree operations or construction activity being undertaken. Further survey work would be required for calculation foundation depths.

- Category U - Trees / Groups Unsuitable for Retention (BS5837:2012)
- Category A - Trees / Groups of High Quality (BS5837:2012)
- Category B - Trees / Groups of Moderate Quality (BS5837:2012)
- Category C - Trees / Groups of Low Quality (BS5837:2012)
- Hedgerow
  Colour Indicates BS5837:2012 Category
- Woodland
  (Colour Indicates BS5837:2012 Category)
- Root Protection Area
- T1(A) G1(A) Individual/Group number and BS5837:2012 Category
- Indicative Shade Pattern (in accordance with BS5837:2012 where appropriate)
- Order Limits

rev	date	description	drwn/chkd
---	03.12.20	First Issue	AW
K	11.08.26	Veteran Trees Added	EC
L	12.10.26	Order Limit Update	EC

client
Oxfordshire Railfreight Ltd

project
Strategic Rail Freight Interchange, Ardley, Oxfordshire

title
TREE SURVEY PLAN

scale
1:2500 @ A1

number
8308-T-10

status
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Notes:

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The exact position of individual trees or species included as part of a tree group, woodland or hedgerow should be checked and verified site prior to and decisions for foundation design, tree operations or construction activity being undertaken. Further survey work would be required for calculation foundation depths.

- Category U - Trees / Groups Unsuitable for Retention (BS5837:2012)
- Category A - Trees / Groups of High Quality (BS5837:2012)
- Category B - Trees / Groups of Moderate Quality (BS5837:2012)
- Category C - Trees / Groups of Low Quality (BS5837:2012)
- Hedgerow
  Colour Indicates BS5837:2012 Category
- Woodland
  (Colour Indicates BS5837:2012 Category)
- Root Protection Area
- T1(A) G1(A) Individual/Group number and BS5837:2012 Category
- Indicative Shade Pattern (in accordance with BS5837:2012 where appropriate)
- Order Limits

rev	date	description	drwn/chkd
---	03.12.20	First Issue	AW
K	11.08.26	Veteran Trees Added	EC
L	12.10.26	Order Limit Update	EC

client
Oxfordshire Railfreight Ltd

project
Strategic Rail Freight Interchange, Ardley, Oxfordshire

title
TREE SURVEY PLAN

scale
1:2500 @ A1

number
8308-T-11

status
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Notes:

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The exact position of individual trees or species included as part of a tree group, woodland or hedgerow should be checked and verified site prior to and decisions for foundation design, tree operations or construction activity being undertaken. Further survey work would be required for calculation foundation depths.

- Tree Group to be Retained
- Tree/Group to be removed to facilitate the proposals
- Category U - Unsuitable for retention on arboricultural grounds
- Hedgerow Proposed to be Retained
- Hedgerow Proposed to be Removed to Facilitate the proposals
- Woodland to be Retained
- Root Protection Area (Shown for retained trees only)
- Veteran Tree and Ancient Woodland Buffer Zone (in accordance with Ancient and Other Veteran Trees: Further Guidance on Management)
- T1 (A) G1 (A) — Individual / Group Number and BS Category
- H52(B) G90(B) — Hedgerow / Group Identified as Important Hedgerow within the Ecological Assessment
- T1 (A) G1 (A) — Individual / Group Number to be Removed and BS 5837:2012 Category
- Indicative Shade Pattern (where appropriate)
- Order Limits

rev	date	description	drwn/chkd
---	05.04.22	First Issue	EC
L	11.08.26	Veteran Trees Added	EC
M	12.10.26	Update	EC

client
Oxfordshire Railfreight Ltd

project
Strategic Rail Freight Interchange, Ardley, Oxfordshire

title
TREE AND HEDGEROW RETENTION AND REMOVAL PLAN

scale
1:10,000 @ A1

number
8308-T-12

status
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Notes:

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- Tree Group to be Retained
- Tree/Group to be removed to facilitate the proposals
- Category U - Unsuitable for retention on arboricultural grounds
- Hedgerow Proposed to be Retained
- Hedgerow Proposed to be Removed to Facilitate the proposals
- Woodland to be Retained
- Root Protection Area (Shown for retained trees only)
- T1 (A) G1 (A) — Individual / Group Number and BS Category
- T1 (A) G1 (A) — Individual / Group Number to be Removed and BS 5837:2012 Category
- Indicative Shade Pattern (where appropriate)
- Order Limits

See 8308-T-13
See 8308-T-15

rev	date	description	drwn/chkd
---	05.04.22	First Issue	EC
L	11.08.26	Veteran Trees Added	EC
M	12.10.26	Update	EC

client
Oxfordshire Railfreight Ltd

project
Strategic Rail Freight Interchange, Ardley, Oxfordshire

title
TREE AND HEDGEROW RETENTION AND REMOVAL PLAN

scale
1:2500 @ A1

number
8308-T-13

status
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Notes:

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The exact position of individual trees or species included as part of a tree group, woodland or hedgerow should be checked and verified site prior to and decisions for foundation design, tree operations or construction activity being undertaken. Further survey work would be required for calculation foundation depths.

- Tree Group to be Retained
- Tree/Group to be removed to facilitate the proposals
- Category U - Unsuitable for retention on arboricultural grounds
- Hedgerow Proposed to be Retained
- Hedgerow Proposed to be Removed to Facilitate the proposals
- Woodland to be Retained
- Root Protection Area (Shown for retained trees only)
- T1 (A) G1 (A) — Individual / Group Number and BS Category
- T1 (A) G1 (A) — Individual / Group Number to be Removed and BS 5837:2012 Category
- Indicative Shade Pattern (where appropriate)
- Veteran Tree and Ancient Woodland Buffer Zone (in accordance with Ancient and Other Veteran Trees: Further Guidance on Management)
- Order Limits

rev	date	description	drwn/chkd
---	05.04.22	First Issue	EC
L	11.08.26	Veteran Trees Added	EC
M	12.10.26	Update	EC

client
Oxfordshire Railfreight Ltd

project
Strategic Rail Freight Interchange, Ardley, Oxfordshire

title
TREE AND HEDGEROW RETENTION AND REMOVAL PLAN

scale
1:2500 @ A1

number
8308-T-14

status
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See 8308-T-14
See 8308-T-15
See 8308-T-16

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See 8308-T-13
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See 8308-T-15
See 8308-T-15
See 8308-T-17

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- Tree Group to be Retained
- Tree/Group to be removed to facilitate the proposals
- Category U - Unsuitable for retention on arboricultural grounds
- Hedgerow Proposed to be Retained
- Hedgerow Proposed to be Removed to Facilitate the proposals
- Woodland to be Retained
- Root Protection Area (Shown for retained trees only)
- T1 (A) / G1 (A) — Individual / Group Number and BS Category
- H52(B) / G90(B) — Hedgerow / Group Identified as Important Hedgerow within the Ecological Assessment
- T1 (A) / G1 (A) — Individual / Group Number to be Removed and BS 5837:2012 Category
- Indicative Shade Pattern (where appropriate)
- Order Limits

rev	date	description	drwn/chkd
---	05.04.22	First Issue	EC
L	11.08.26	Veteran Trees Added	EC
M	12.10.26	Update	EC

client
Oxfordshire Railfreight Ltd

project
Strategic Rail Freight Interchange, Ardley, Oxfordshire

title
TREE AND HEDGEROW RETENTION AND REMOVAL PLAN

scale
1:2500 @ A1

number
8308-T-15

status
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See 8308-T-16

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The exact position of individual trees or species included as part of a tree group, woodland or hedgerow should be checked and verified site prior to and decisions for foundation design, tree operations or construction activity being undertaken. Further survey work would be required for calculation foundation depths.

- Tree Group to be Retained
- Tree/Group to be removed to facilitate the proposals
- Category U - Unsuitable for retention on arboricultural grounds
- Hedgerow Proposed to be Retained
- Hedgerow Proposed to be Removed to Facilitate the proposals
- Woodland to be Retained
- Root Protection Area (Shown for retained trees only)
- Veteran Tree and Ancient Woodland Buffer Zone (in accordance with Ancient and Other Veteran Trees: Further Guidance on Management)
- T1 (A) G1 (A) — Individual / Group Number and BS Category
- H52(B) G90(B) — Hedgerow / Group Identified as Important Hedgerow within the Ecological Assessment
- T1 (A) G1 (A) — Individual / Group Number to be Removed and BS 5837:2012 Category
- Indicative Shade Pattern (where appropriate)
- Order Limits

rev	date	description	drwn/chkd
---	05.04.22	First Issue	EC
L	11.08.26	Veteran Trees Added	EC
M	12.10.26	Update	EC

client
Oxfordshire Railfreight Ltd

project
Strategic Rail Freight Interchange, Ardley, Oxfordshire

title
TREE AND HEDGEROW RETENTION AND REMOVAL PLAN

scale
1:2500 @ A1

number
8308-T-16

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- Tree Group to be Retained
- Tree/Group to be removed to facilitate the proposals
- Category U - Unsuitable for retention on arboricultural grounds
- Hedgerow Proposed to be Retained
- Hedgerow Proposed to be Removed to Facilitate the proposals
- Woodland to be Retained
- Root Protection Area (Shown for retained trees only)
- Veteran Tree and Ancient Woodland Buffer Zone (in accordance with Ancient and Other Veteran Trees: Further Guidance on Management)
- T1 (A) / G1 (A) — Individual / Group Number and BS Category
- H52(B) / G90(B) — Hedgerow / Group Identified as Important Hedgerow within the Ecological Assessment
- T1 (A) / G1 (A) — Individual / Group Number to be Removed and BS 5837:2012 Category
- Indicative Shade Pattern (where appropriate)
- Order Limits

rev	date	description	drwn/chkd
---	05.04.22	First Issue	EC
L	11.08.26	Veteran Trees Added	EC
M	12.10.26	Update	EC

client
Oxfordshire Railfreight Ltd

project
Strategic Rail Freight Interchange, Ardley, Oxfordshire

title
TREE AND HEDGEROW RETENTION AND REMOVAL PLAN

scale
1:2500 @ A1

number
8308-T-17

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- Tree Group to be Retained
- Tree/Group to be removed to facilitate the proposals
- Category U - Unsuitable for retention on arboricultural grounds
- Hedgerow Proposed to be Retained
- Hedgerow Proposed to be Removed to Facilitate the proposals
- Woodland to be Retained
- Root Protection Area (Shown for retained trees only)
- T1 (A) G1 (A) — Individual / Group Number and BS Category
- H52(B) G90(B) — Hedgerow / Group Identified as Important Hedgerow within the Ecological Assessment
- T1 (A) G1 (A) — Individual / Group Number to be Removed and BS 5837:2012 Category
- Indicative Shade Pattern (where appropriate)
- Veteran Tree and Ancient Woodland Buffer Zone (in accordance with Ancient and Other Veteran Trees: Further Guidance on Management)
- Order Limits

rev	date	description	drwn/chkd
---	05.04.22	First Issue	EC
L	11.08.26	Veteran Trees Added	EC
M	12.10.26	Update	EC

client
Oxfordshire Railfreight Ltd

project
Strategic Rail Freight Interchange, Ardley, Oxfordshire

title
TREE AND HEDGEROW RETENTION AND REMOVAL PLAN

scale
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number
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status
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- Tree Group to be Retained
- Tree/Group to be removed to facilitate the proposals
- Category U - Unsuitable for retention on arboricultural grounds
- Hedgerow Proposed to be Retained
- Hedgerow Proposed to be Removed to Facilitate the proposals
- Woodland to be Retained
- Root Protection Area (Shown for retained trees only)
- T1 (A) G1 (A) — Individual / Group Number and BS Category
- T1 (A) G1 (A) — Individual / Group Number to be Removed and BS 5837:2012 Category
- Indicative Shade Pattern (where appropriate)
- Order Limits

rev	date	description	drwn/chkd
---	05.04.22	First Issue	EC
L	11.08.26	Veteran Trees Added	EC
M	12.10.26	Update	EC

client
Oxfordshire Railfreight Ltd

project
Strategic Rail Freight Interchange, Ardley, Oxfordshire

title
TREE AND HEDGEROW RETENTION AND REMOVAL PLAN

scale
1:2500 @ A1

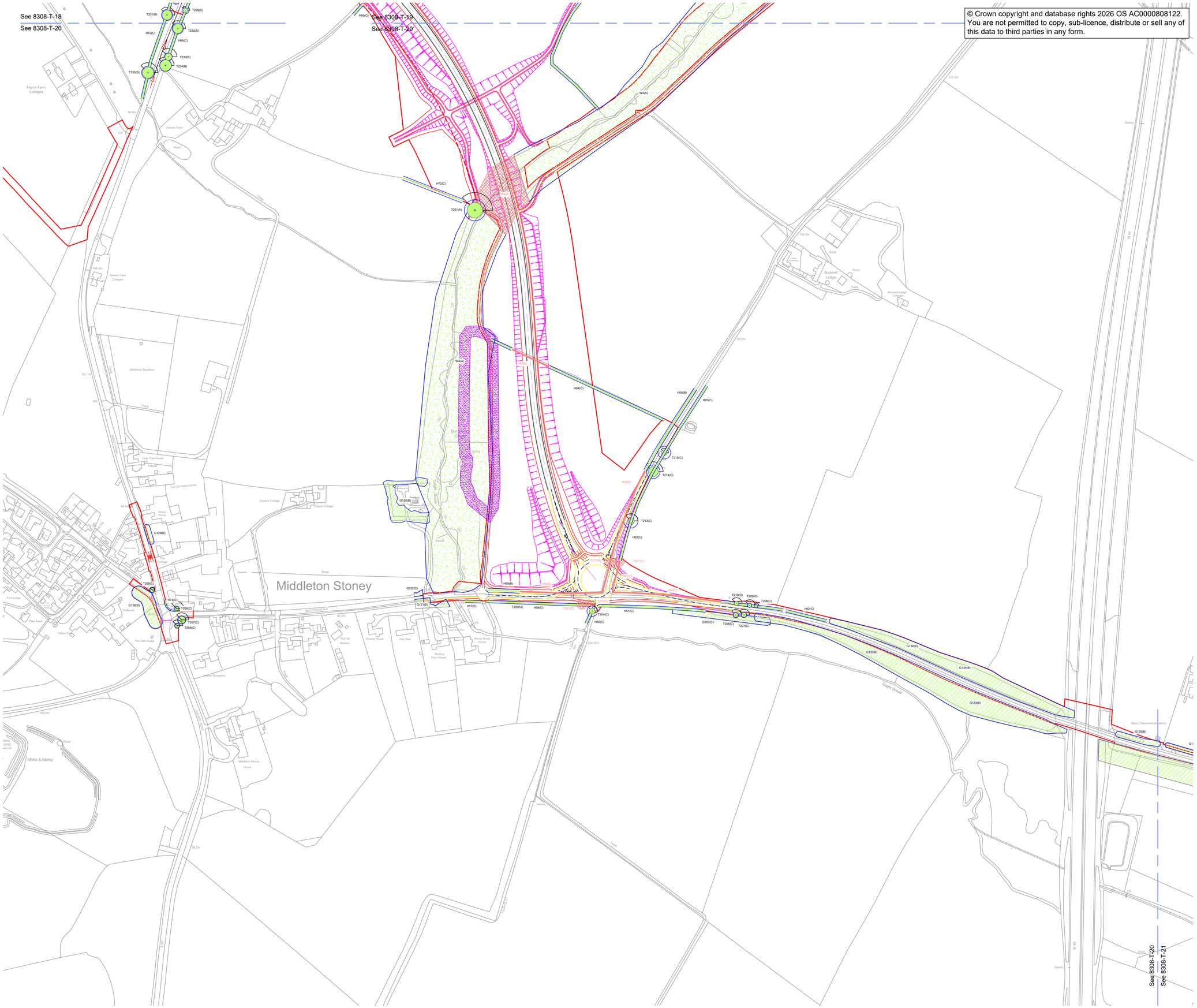
number
8308-T-19

status
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0 50 100 150 200 250m

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- Tree Group to be Retained
- Tree/Group to be removed to facilitate the proposals
- Category U - Unsuitable for retention on arboricultural grounds
- Hedgerow Proposed to be Retained
- Hedgerow Proposed to be Removed to Facilitate the proposals
- Woodland to be Retained
- Root Protection Area (Shown for retained trees only)
- Veteran Tree and Ancient Woodland Buffer Zone (in accordance with Ancient and Other Veteran Trees: Further Guidance on Management)
- T1 (A) G1 (A) — Individual / Group Number and BS Category
- T1 (A) G1 (A) — Individual / Group Number to be Removed and BS 5837:2012 Category
- Indicative Shade Pattern (where appropriate)
- Order Limits

rev	date	description	drwn/chkd
---	05.04.22	First Issue	EC
L	11.08.26	Veteran Trees Added	EC
M	12.10.26	Update	EC

client
Oxfordshire Railfreight Ltd

project
Strategic Rail Freight Interchange, Ardley, Oxfordshire

title
TREE AND HEDGEROW RETENTION AND REMOVAL PLAN

scale
1:2500 @ A1

number
8308-T-20

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- Tree Group to be Retained
- Tree/Group to be removed to facilitate the proposals
- Category U - Unsuitable for retention on arboricultural grounds
- Hedgerow Proposed to be Retained
- Hedgerow Proposed to be Removed to Facilitate the proposals
- Woodland to be Retained
- Root Protection Area (Shown for retained trees only)
- T1 (A) G1 (A) — Individual / Group Number and BS Category
- T1 (A) G1 (A) — Individual / Group Number to be Removed and BS 5837:2012 Category
- Indicative Shade Pattern (where appropriate)
- Order Limits

rev	date	description	drwn/chkd
---	05.04.22	First Issue	EC
L	11.08.26	Veteran Trees Added	EC
M	12.10.26	Update	EC

client
Oxfordshire Railfreight Ltd

project
Strategic Rail Freight Interchange, Ardley, Oxfordshire

title
TREE AND HEDGEROW RETENTION AND REMOVAL PLAN

scale
1:2500 @ A1

number
8308-T-21

status
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- Tree Group to be Retained
- Tree/Group to be removed to facilitate the proposals
- Category U - Unsuitable for retention on arboricultural grounds
- Hedgerow Proposed to be Retained
- Hedgerow Proposed to be Removed to Facilitate the proposals
- Woodland to be Retained
- Root Protection Area (Shown for retained trees only)
- T1 (A) G1 (A) — Individual / Group Number and BS Category
- T1 (A) G1 (A) — Individual / Group Number to be Removed and BS 5837:2012 Category
- Indicative Shade Pattern (where appropriate)
- Order Limits

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---	05.04.22	First Issue	EC
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M	12.10.26	Update	EC

client
Oxfordshire Railfreight Ltd

project
Strategic Rail Freight Interchange, Ardley, Oxfordshire

title
TREE AND HEDGEROW RETENTION AND REMOVAL PLAN

scale
1:2500 @ A1

number
8308-T-22

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Appendix A - Tree Schedule

Measurements	Age Classes	Quality Assessment of BS Category	ULE (relates to BS Category)
Height - Measured using a digital laser clinometer (m)	**YNG**: Establishing, typically with good vigour and fast growth rates and strong apical dominance; c. less than 1/3 life expectancy	**Category U -** Trees 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.	<10 years
Stem Dia. - Diameter measured (mm) in accordance with Annex C of the BS5837	**SM:** Semi-mature trees less than 1/3 life expectancy	**Category A -** Trees of high quality with an estimated remaining life expectancy of at least 40 years.	40+ years
Crown Radius - Measured using a digital laser clinometer radially from the main stem (m)	**EM:** Established, typically vigorous and increasing in apical height and lateral spread; 1/3 - 2/3 life expectancy. Offers landscape significance	**Category B -** Trees of moderate quality with an estimated remaining life expectancy of at least 20 years.	20-40 years
Abbreviations est - Estimated stem diameter avg - Average stem diameter for multiple stems upto - Maximum stem diameter of a group	**M:** Fully established over 2/3 life expectancy, generally good vigour and achieving full height potential with crown still spreading	**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 150mm.	10-20 years
	OM: Fully mature, at the extremes of expected life expectancy, vigour decreasing, declining or moribund	Sub-categories: (i) - Mainly arboricultural value (ii) - Mainly landscape value (iii) - Mainly cultural or conservation value	
	V: biological, cultural or aesthetic value comprising niche saproxylic habitat. Individuals of large proportions (stem girth) in comparison to trees of the same species/surviving beyond the typical age range for their species.	**The BS category particular consideration has been given to the following:** • The presence of any structural defects in each tree/group and its future life expectancy • The size and form of each tree/group and its suitability within the context of a proposed development • The location of each tree relative to existing site features e.g. its screening value or landscape features • Age class and life expectancy	

Structural Condition	Physiological Condition	Root Protection Area (RPA)
Good - No significant structural defects	**Good -** No significant health problems	• The RPA Radius column provides the extent of an equivalent circle from the centre of the stem (m). • The RPA is calculated using the formulae described in paragraph 4.6.1 of British Standard 5837: 2012 and is indicative of the rooting area required for a tree to be successfully retained. Tree roots extend beyond the calculated RPA in many cases and where possible a greater distance should be protected. • Where veteran trees have been identified the RPA has been calculated in accordance with Natural England guidance i.e. 15x the stem diameter, uncapped.
Fair - Structural defects that can be remediated	**Fair -** Symptoms of ill-health that can be remediated	
Poor - Significant defects beyond remediation, present a risk of failure in the foreseeable future	**Poor -** Significant ill-health. Unlikely the tree will recover in the long term	
Dead - Dead tree with structural integrity of tree severely compromised	**Advanced Decline / Dead -** Advanced state of decline and unlikely to recover or Dead	

Appendix Summary

	Individual Trees	Totals	Tree Groups and Hedgerows	Totals
Category U	T32, T47, T48, T49, T50, T51, T82, T97, T98, T99, T132, T135, T177, T181, T186, T200, T261	17	G2, G43	2
Category A	T30, T33, T81, T93, T103, T104, T129, T147, T148, T149, T150, T151, T152, T153, T154, T155, T156, T160, T170, T251, T252, T253, T263, T271, T272, T273	26	G143, W4	2
Category B	T11, T14, T15, T17, T18, T21, T22, T23, T24, T52, T53, T54, T56, T68, T78, T80, T86, T92, T94, T95, T96, T101, T102, T108, T109, T110, T111, T113, T114, T119, T120, T123, T124, T125, T128, T130, T133, T136, T137, T140, T141, T142, T143, T145, T146, T158, T161, T162, T163, T165, T167, T168, T169, T171, T172, T173, T175, T176, T178, T179, T180, T182, T183, T184, T185, T188, T189, T191, T194, T196, T197, T212, T217, T221, T224, T225, T226, T227, T229, T231, T232, T233, T234, T235, T236, T237, T238, T239, T240, T241, T242, T243, T244, T245, T246, T262, T270	97	G6, G9, G11, G12, G13, G14, G15, G18, G19, G20, G21, G25, G26, G27, G28, G31, G35, G38, G40, G42, G48, G49, G50, G55, G58, G60, G62, G65, G68, G69, G77, G82, G86, G87, G88, G89, G91, G93, G94, G96, G97, G98, G100, G109, G110, G111, G113, G114, G118, G120, G121, G125, G126, G127, G128, G129, G133, G134, G135, G136, G137, G138, G139, G140, G141, G142, H10, H27, H28, H29, H30, H32, H51, H52, H53, H54, H55, H59, H62, H63, W1, W2, W3, W5	84
Category C	T1, T2, T3, T4, T5, T6, T7, T8, T9, T12, T13, T16, T19, T20, T25, T26, T27, T28, T29, T34, T35, T36, T37, T38, T39, T40, T41, T42, T43, T44, T45, T55, T57, T58, T59, T60, T61, T62, T63, T64, T65, T66, T67, T69, T70, T71, T72, T73, T74, T75, T76, T77, T79, T83, T84, T85, T87, T88, T89, T90, T91, T100, T105, T106, T107, T115, T116, T117, T118, T121, T122, T126, T127, T131, T134, T138, T139, T144, T159, T166, T174, T187, T190, T192, T193, T195, T198, T199, T201, T202, T204, T206, T207, T208, T209, T210, T211, T213, T214, T215, T216, T218, T222, T223, T228, T230, T248, T249, T250, T254, T255, T256, T257, T258, T259, T260, T265, T266, T267, T268, T269, T274, T275, T276, T277, T278	126	G1, G3, G4, G5, G7, G8, G10, G16, G17, G22, G23, G24, G29, G30, G32, G33, G34, G36, G37, G39, G41, G44, G45, G46, G47, G51, G52, G53, G54, G56, G57, G59, G61, G63, G64, G66, G67, G71, G72, G73, G74, G75, G76, G78, G79, G80, G81, G83, G84, G85, G90, G92, G95, G107, G112, G115, G116, G117, G119, G122, G123, G124, G144, G145, G146, G147, G148, G149, G150, G151, H1, H2, H3, H4, H5, H6, H7, H8, H9, H11, H12, H13, H14, H15, H16, H17, H18, H19, H20, H21, H22, H23, H24, H25, H26, H31, H33, H34, H35, H36, H37, H38, H39, H40, H41, H42, H43, H44, H45, H46, H47, H48, H49, H50, H56, H57, H58, H60, H61, H64, H65, H66, H67, H68, H69, H70, H71, H72, H73, H74, H75, H76, H77, H78, H79, H80	136
	Total	266	**Total**	224

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
INDIVIDUAL TREES										
T1	Ash Fraxinus excelsior	16	est 600	7	M	P	Branch stubs evident Broken branches evident Dieback of the crown observed Epicormic growth evident within the crown Established ivy cover Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm)	163	7.2	C (i)
T2	Ash Fraxinus excelsior	15	Over ivy 800	7	M	F	Basal suckers present Branch socket cavities observed Branch stubs evident Broken branches evident Epicormic growth evident within the crown Established ivy cover Minor dead wood evident in the crown (<75mm) Pruning wounds noted	290	9.6	C (i)
T3	Ash Fraxinus excelsior	10	est 500	5	M	P	Basal suckers present Branch socket cavities observed Branch stubs evident Broken branches evident Epicormic growth evident within the crown Established ivy cover Minor dead wood evident in the crown (<75mm) Pruning wounds noted	113	6.0	C (i)
T4	Ash Fraxinus excelsior	14	Over ivy 640	7	M	F	Basal suckers present Branch stubs evident Epicormic growth evident within the crown Established ivy cover Flail damage evident Minor dead wood evident in the crown (<75mm) Pruning wounds noted	185	7.7	C (i)
T5	Hawthorn Crataegus monogyna	5	est 200 200	3	M	F	Base obscured Branch stubs evident Crossing and rubbing branches Established ivy cover Flail damage evident	36	3.4	C (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T6	Ash Fraxinus excelsior	10	est 300	5	EM	P	Base obscured Branch stubs evident Crossing and rubbing branches Established ivy cover Flail damage evident	41	3.6	C (i)
T7	Ash Fraxinus excelsior	10	Over ivy 320	5	EM	P	Base obscured Branch stubs evident Crossing and rubbing branches Established ivy cover Flail damage evident Sparse / thinning crown	46	3.8	C (i)
T8	Ash Fraxinus excelsior	10	Over ivy 320	5	EM	P	Base obscured Branch stubs evident Crossing and rubbing branches Established ivy cover Flail damage evident Sparse / thinning crown	46	3.8	C (i)
T9	Ash Fraxinus excelsior	11	Over ivy 410	6	EM	P	Base obscured Branch stubs evident Crossing and rubbing branches Established ivy cover Flail damage evident Sparse / thinning crown	76	4.9	C (i)
T10	Tree no longer present									
T11	English Oak Quercus robur	11	620	7	M	F	Branch stubs evident Close cultivation of the soil Epicormic growth evident within the crown Flail damage evident Minor dead wood evident in the crown (<75mm)	174	7.4	B (i)
T12	Ash Fraxinus excelsior	7	340	3	EM	P	Basal suckers present Branch stubs evident Flail damage evident Minor dead wood evident in the crown (<75mm) Inonotus hispidus Shaggy bracket	52	4.1	C (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T13	Ash Fraxinus excelsior	12	680	7	M	P	Branch stubs evident Flail damage evident Minor dead wood evident in the crown (<75mm) Inonotus hispidus Shaggy bracket	209	8.2	C (i)
T14	Field Maple Acer campestre	6	6x 200	5	M	P	Branch stubs evident Broken branches evident Crossing and rubbing branches Epicormic growth evident within the crown Flail damage evident Minor dead wood evident in the crown (<75mm) Multi leadered form	109	5.9	B (i)
T15	Field Maple Acer campestre	8	400	5	M	F	Branch socket cavities observed Branch stubs evident Crossing and rubbing branches Epicormic growth evident within the crown Flail damage evident	72	4.8	B (i)
T16	Ash Fraxinus excelsior	11	630	7	M	F	Branch stubs evident Dieback of the crown observed Epicormic growth evident within the crown Minor dead wood evident in the crown (<75mm) Inonotus hispidus Shaggy bracket	180	7.6	C (i)
T17	English Oak Quercus robur	13	est 820	8	M	F	Branch stubs evident Broken branches evident Delaminating bark on main stem Epicormic growth evident within the crown Heartwood exposed Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm) Past failure of secondary branches	304	9.8	B (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T18	Ash Fraxinus excelsior	18	est 800	7	M	F	Basal suckers present Base obscured Branch stubs evident Broken branches evident Epicormic growth evident within the crown Established ivy cover Minor dead wood evident in the crown (<75mm)	290	9.6	B (i)
T19	Ash Fraxinus excelsior	12	est 530	6	M	P	Basal suckers present Base obscured Branch stubs evident Broken branches evident Epicormic growth evident within the crown Established ivy cover Minor dead wood evident in the crown (<75mm)	127	6.4	C (i)
T20	Ash Fraxinus excelsior	8	est 8x 100	4	M	P	Basal suckers present Base obscured Branch stubs evident Broken branches evident Epicormic growth evident within the crown Established ivy cover Minor dead wood evident in the crown (<75mm)	36	3.4	C (i)
T21	Ash Fraxinus excelsior	17	est 650	8	M	F	Basal suckers present Base obscured Branch stubs evident Broken branches evident Epicormic growth evident within the crown Established ivy cover Minor dead wood evident in the crown (<75mm) Inonotus hispidus Shaggy bracket	191	7.8	B (i)
T22	English Oak Quercus robur	16	est 800	7	M	F	Branch socket cavities observed Branch stubs evident Broken branches evident Epicormic growth evident within the crown Flail damage evident Minor dead wood evident in the crown (<75mm)	290	9.6	B (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T23	English Oak Quercus robur	15	est 700	6	M	F	Branch socket cavities observed Branch stubs evident Broken branches evident Epicormic growth evident within the crown Flail damage evident Minor dead wood evident in the crown (<75mm)	222	8.4	B (i)
T24	English Oak Quercus robur	15	est 700	6	M	F	Branch socket cavities observed Branch stubs evident Broken branches evident Epicormic growth evident within the crown Established ivy cover Flail damage evident Minor dead wood evident in the crown (<75mm)	222	8.4	B (i)
T25	Ash Fraxinus excelsior	10	est 700	6	M	P	Base obscured Branch stubs evident Broken branches evident Epicormic growth evident within the crown Established ivy cover Minor dead wood evident in the crown (<75mm)	222	8.4	C (i)
T26	Hawthorn Crataegus monogyna	4	est 200 200	2	M	P	Basal cavity observed Branch stubs evident Epicormic growth evident within the crown Low crown form Minor dead wood evident in the crown (<75mm)	36	3.4	C (i)
T27	Field Maple Acer campestre	7	est 250 250 250	5	M	P	Bark wounds noted Branch stubs evident Browsing damage noted on main stem Dieback of the crown observed Low crown form Minor dead wood evident in the crown (<75mm)	85	5.2	C (i)
T28	Hawthorn Crataegus monogyna	3	est 150 150	2	M	P	Basal cavity observed Branch stubs evident Epicormic growth evident within the crown Low crown form Minor dead wood evident in the crown (<75mm)	20	2.5	C (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T29	Ash Fraxinus excelsior	7	est 600	3	M	P	Base obscured Branch stubs evident Broken branches evident Dense ivy cover on main stem Dense undergrowth at the base Dieback of the crown observed Epicormic growth evident within the crown Minor dead wood evident in the crown (<75mm) Specimen in extensive decline	163	7.2	C (i)
T30	English Oak Quercus robur	15	790	9	M	G	Branch stubs evident Characteristic for species Epicormic growth evident within the crown Minor dead wood evident in the crown (<75mm)	282	9.5	A (i)
T31	Tree no longer present									
T32	Ash Fraxinus excelsior	10	550	2	M	P	Standing dead stem	N/A	N/A	U
T33	English Oak Quercus robur	12	1230	7	M	F	Barbed Wire attached to stem/s Bark wounds noted Branch socket cavities observed Branch stubs evident Broken branches evident Close cultivation of the soil Crossing and rubbing branches Delaminating bark on main stem Epicormic growth evident within the crown Heartwood exposed Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm) Potential Roost Features (PRF) Woodpecker holes observed Extensive burring on main stem Inonotus dryadeus	684	14.8	A (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T34	English Oak Quercus robur	10	950	8	M	P	Bark wounds noted Branch socket cavities observed Branch stubs evident Broken branches evident Delaminating bark on main stem Dieback of the crown observed Epicormic growth evident within the crown Heartwood exposed Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm) Potential Roost Features (PRF) Extensive column of decay	408	11.4	C (i)
T35	English Oak Quercus robur	13	1090	9	M	P	Bark wounds noted Branch socket cavities observed Branch stubs evident Broken branches evident Close cultivation of the soil Delaminating bark on main stem Dieback of the crown observed Epicormic growth evident within the crown Heartwood exposed Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm) Potential Roost Features (PRF) Extensive column of decay	537	13.1	C (i)
T36	Ash Fraxinus excelsior	13	800	N - 3 S - 8 E - 4 W - 4	M	P	Basal cavity observed Branch socket cavities observed Branch stubs evident Broken branches evident Close cultivation of the soil Dieback of the crown observed Epicormic growth evident within the crown Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm) Potential Roost Features (PRF) Woodpecker holes observed Extensive column of decay Inonotus hispidus Shaggy bracket	290	9.6	C (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T37	Horse Chestnut Aesculus hippocastanum	10	est 350	3	SM	F	Bark wounds noted Crossing and rubbing branches Minor dead wood evident in the crown (<75mm)	55	4.2	C (i)
T38	Horse Chestnut Aesculus hippocastanum	6	est 200	1	SM	F	Bark wounds noted Crossing and rubbing branches Minor dead wood evident in the crown (<75mm)	18	2.4	C (i)
T39	Horse Chestnut Aesculus hippocastanum	6	est 220	2	SM	F	Bark wounds noted Crossing and rubbing branches Minor dead wood evident in the crown (<75mm)	22	2.6	C (i)
T40	Horse Chestnut Aesculus hippocastanum	7	est 300	3	SM	F	Bark wounds noted Crossing and rubbing branches Minor dead wood evident in the crown (<75mm)	41	3.6	C (i)
T41	Horse Chestnut Aesculus hippocastanum	5	est 300	3	SM	F	Bark wounds noted Crossing and rubbing branches Minor dead wood evident in the crown (<75mm)	41	3.6	C (i)
T42	Horse Chestnut Aesculus hippocastanum	6	est 300	3	SM	F	Bark wounds noted Crossing and rubbing branches Minor dead wood evident in the crown (<75mm)	41	3.6	C (i)
T43	Horse Chestnut Aesculus hippocastanum	6	est 300	3	SM	F	Bark wounds noted Crossing and rubbing branches Minor dead wood evident in the crown (<75mm)	41	3.6	C (i)
T44	Horse Chestnut Aesculus hippocastanum	7	est 350	3	SM	F	Bark wounds noted Crossing and rubbing branches Minor dead wood evident in the crown (<75mm)	55	4.2	C (i)
T45	Horse Chestnut Aesculus hippocastanum	5	est 300	3	SM	F	Bark wounds noted Crossing and rubbing branches Minor dead wood evident in the crown (<75mm)	41	3.6	C (i)
T46	Tree no longer present									

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T47	Ash Fraxinus excelsior	9	est 500	2	M	P	Standing dead stem Dense ivy cover	N/A	N/A	U
T48	Ash Fraxinus excelsior	15	est 600	2	M	D	Standing dead stem Dense ivy cover	N/A	N/A	U
T49	Ash Fraxinus excelsior	15	est 600	2	M	D	Standing dead stem Dense ivy cover	N/A	N/A	U
T50	Ash Fraxinus excelsior	8	est 400	2	M	D	Standing dead stem Dense ivy cover	N/A	N/A	U
T51	Ash Fraxinus excelsior	10	est 1000	2	M	D	Standing dead stem Dense ivy cover	N/A	N/A	U
T52	Ash Fraxinus excelsior	17	est 600	8	M	F	Branch stubs evident Broken branches evident Epicormic growth evident within the crown Minor dead wood evident in the crown (<75mm)	163	7.2	B (i)
T53	English Oak Quercus robur	10	est 500	6	M	F	Branch stubs evident Broken branches evident Epicormic growth evident within the crown Minor dead wood evident in the crown (<75mm)	113	6.0	B (i)
T54	Ash Fraxinus excelsior	15	est 500	6	M	F	Branch stubs evident Broken branches evident Epicormic growth evident within the crown Minor dead wood evident in the crown (<75mm)	113	6.0	B (i)
T55	Ash Fraxinus excelsior	16	est 460 470	8	M	F	Basal suckers present Branch stubs evident Broken branches evident Crossing and rubbing branches Epicormic growth evident within the crown Minor dead wood evident in the crown (<75mm)	196	7.9	C (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T56	Ash Fraxinus excelsior	16	est 500	7	M	F	Basal suckers present Branch stubs evident Broken branches evident Crossing and rubbing branches Epicormic growth evident within the crown Established ivy cover Minor dead wood evident in the crown (<75mm)	113	6.0	B (i)
T57	Ash Fraxinus excelsior	10	est 400	7	M	F	Basal suckers present Branch stubs evident Broken branches evident Crossing and rubbing branches Epicormic growth evident within the crown Established ivy cover Minor dead wood evident in the crown (<75mm)	72	4.8	C (i)
T58	Ash Fraxinus excelsior	10	est 350	5	EM	F	Basal suckers present Branch stubs evident Broken branches evident Crossing and rubbing branches Epicormic growth evident within the crown Established ivy cover Minor dead wood evident in the crown (<75mm)	55	4.2	C (i)
T59	Ash Fraxinus excelsior	12	450	7	M	F	Basal suckers present Branch stubs evident Broken branches evident Crossing and rubbing branches Epicormic growth evident within the crown Established ivy cover Minor dead wood evident in the crown (<75mm)	92	5.4	C (i)
T60	Ash Fraxinus excelsior	12	est 450	7	M	F	Basal suckers present Branch stubs evident Broken branches evident Crossing and rubbing branches Epicormic growth evident within the crown Established ivy cover Minor dead wood evident in the crown (<75mm) Old laid forms	92	5.4	C (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T61	Ash Fraxinus excelsior	12	Over ivy 750	8	M	F	Basal suckers present Branch stubs evident Broken branches evident Crossing and rubbing branches Epicormic growth evident within the crown Established ivy cover Minor dead wood evident in the crown (<75mm)	254	9.0	C (i)
T62	Ash Fraxinus excelsior	12	Over ivy 700	8	M	F	Basal suckers present Branch stubs evident Broken branches evident Crossing and rubbing branches Epicormic growth evident within the crown Established ivy cover Minor dead wood evident in the crown (<75mm)	222	8.4	C (i)
T63	Ash Fraxinus excelsior	10	Over ivy 400	5	M	F	Basal suckers present Branch stubs evident Broken branches evident Crossing and rubbing branches Epicormic growth evident within the crown Established ivy cover Minor dead wood evident in the crown (<75mm)	72	4.8	C (i)
T64	Ash Fraxinus excelsior	11	Over ivy 470	7	M	F	Basal suckers present Branch stubs evident Broken branches evident Crossing and rubbing branches Epicormic growth evident within the crown Established ivy cover Minor dead wood evident in the crown (<75mm)	100	5.6	C (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T65	Ash Fraxinus excelsior	10	Over ivy 500	7	M	F	Basal suckers present Branch stubs evident Broken branches evident Crossing and rubbing branches Epicormic growth evident within the crown Established ivy cover Minor dead wood evident in the crown (<75mm)	113	6.0	C (i)
T66	English Oak Quercus robur	12	Over ivy 520	7	M	F	Branch stubs evident Broken branches evident Crossing and rubbing branches Epicormic growth evident within the crown Established ivy cover Minor dead wood evident in the crown (<75mm)	122	6.2	C (i)
T67	Sycamore Acer pseudoplatanus	13	avg 8x 200	8	M	F	Bark wounds noted Basal suckers present Branch stubs evident Compacted ground at the base Epicormic growth evident within the crown Established ivy cover Flail damage evident Multi stemmed from base	145	6.8	C (i)
T68	English Oak Quercus robur	13	Over ivy 700	9	M	F	Branch stubs evident Broken branches evident Crossing and rubbing branches Dense ivy cover on main stem Epicormic growth evident within the crown Flail damage evident Minor dead wood evident in the crown (<75mm)	222	8.4	B (i)
T69	Sycamore Acer pseudoplatanus	11	Over ivy 680	7	M	F	Basal suckers present Branch stubs evident Broken branches evident Crossing and rubbing branches Dense ivy cover on main stem Epicormic growth evident within the crown Flail damage evident Minor dead wood evident in the crown (<75mm)	209	8.2	C (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T70	Sycamore Acer pseudoplatanus	7	est 150 200	2	EM	F	Branch stubs evident Epicormic growth evident within the crown Flail damage evident	28	3.0	C (i)
T71	Ash Fraxinus excelsior	10	290	4	EM	F	Basal suckers present Branch stubs evident Epicormic growth evident within the crown Flail damage evident	38	3.5	C (i)
T72	Ash Fraxinus excelsior	9	310	4	EM	F	Basal suckers present Branch stubs evident Epicormic growth evident within the crown Flail damage evident	43	3.7	C (i)
T73	Ash Fraxinus excelsior	7	280	4	EM	F	Basal suckers present Branch stubs evident Epicormic growth evident within the crown Flail damage evident	35	3.4	C (i)
T74	Ash Fraxinus excelsior	10	250 250 180 180	4	EM	F	Basal suckers present Branch stubs evident Epicormic growth evident within the crown Flail damage evident	86	5.2	C (i)
T75	Ash Fraxinus excelsior	11	300	5	EM	F	Basal suckers present Branch stubs evident Epicormic growth evident within the crown Flail damage evident	41	3.6	C (i)
T76	Ash Fraxinus excelsior	10	250 200	5	EM	F	Basal suckers present Branch stubs evident Epicormic growth evident within the crown Flail damage evident	46	3.8	C (i)
T77	Ash Fraxinus excelsior	10	250 250	5	EM	F	Basal suckers present Branch stubs evident Epicormic growth evident within the crown Flail damage evident	57	4.2	C (i)
T78	Field Maple Acer campestre	12	est 500	5	M	F	Basal suckers present Branch stubs evident Broken branches evident Epicormic growth evident within the crown Established ivy cover	113	6.0	B (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T79	Ash Fraxinus excelsior	15	590	5	M	P	Basal suckers present Branch stubs evident Broken branches evident Epicormic growth evident within the crown Established ivy cover	157	7.1	C (i)
T80	English Oak Quercus robur	12	850	6	M	F	Branch stubs evident Broken branches evident Epicormic growth evident within the crown Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm)	327	10.2	B (i)
T81	English Oak Quercus robur	16	1350	N - 12 S - 12 E - 8 W - 8	M	F	Branch stubs evident Broken branches evident Epicormic growth evident within the crown Established ivy cover Heartwood exposed Lateral lever arm observed Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm) Potential Roost Features (PRF) Significant tree	707	Capped at 15m	A (i)
T82	English Oak Quercus robur	16	est 1400	6	M	D	Standing dead tree	N/A	N/A	U
T83	Ash Fraxinus excelsior	17	810	10	M	P	Branch stubs evident Broken branches evident Crossing and rubbing branches Epicormic growth evident within the crown Established ivy cover Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm) Inonotus hispidus Shaggy bracket	297	9.7	C (i)
T84	Ash Fraxinus excelsior	4	240	2	M	P	Basal cavity observed Heartwood exposed Specimen in extensive decline	26	2.9	C (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T85	Ash Fraxinus excelsior	16	est 850	9	M	P	Basal suckers present Branch stubs evident Broken branches evident Crossing and rubbing branches Epicormic growth evident within the crown Established ivy cover Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm)	327	10.2	C (i)
T86	Ash Fraxinus excelsior	15	610	8	M	F	Branch stubs evident Broken branches evident Epicormic growth evident within the crown Minor dead wood evident in the crown (<75mm)	168	7.3	B (i)
T87	Ash Fraxinus excelsior	10	520	N - 6 S - 0 E - 2 W - 2	M	P	Branch stubs evident Broken branches evident Minor dead wood evident in the crown (<75mm) Main stem failed at 3m	122	6.2	C (i)
T88	Ash Fraxinus excelsior	8	500	5	M	F	Branch stubs evident Broken branches evident Epicormic growth evident within the crown Minor dead wood evident in the crown (<75mm)	113	6.0	C (i)
T89	Ash Fraxinus excelsior	17	Over ivy 550	6	M	F	Branch stubs evident Broken branches evident Epicormic growth evident within the crown Established ivy cover Minor dead wood evident in the crown (<75mm)	137	6.6	C (i)
T90	Ash Fraxinus excelsior	17	530	8	M	F	Branch stubs evident Broken branches evident Epicormic growth evident within the crown Established ivy cover Minor dead wood evident in the crown (<75mm)	127	6.4	C (i)
T91	Ash Fraxinus excelsior	15	490	8	M	F	Bark wounds noted Branch stubs evident Broken branches evident Delaminating bark on main stem Epicormic growth evident within the crown Established ivy cover Heartwood exposed Minor dead wood evident in the crown (<75mm)	109	5.9	C (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T92	Ash Fraxinus excelsior	16	650	9	M	F	Branch stubs evident Broken branches evident Epicormic growth evident within the crown Minor dead wood evident in the crown (<75mm)	191	7.8	B (i)
T93	Ash Fraxinus excelsior	13	1240	10	V	P	Basal suckers present Base obscured Branch socket cavities observed Branch stubs evident Broken branches evident Crossing and rubbing branches Dense undergrowth at the base Heartwood exposed Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm) Potential Roost Features (PRF)	1087	18.6	A (iii)
T94	English Oak Quercus robur	13	est 600	8	M	F	Branch stubs evident Epicormic growth evident within the crown Established ivy cover Minor dead wood evident in the crown (<75mm)	163	7.2	B (i)
T95	Ash Fraxinus excelsior	13	580	8	M	F	Branch stubs evident Epicormic growth evident within the crown Minor dead wood evident in the crown (<75mm)	152	7.0	B (i)
T96	English Oak Quercus robur	9	420	5	EM	F	Branch stubs evident Epicormic growth evident within the crown Minor dead wood evident in the crown (<75mm)	80	5.0	B (i)
T97	Ash Fraxinus excelsior	16	1020	10	M	P	Branch stubs evident Dieback of the crown observed Epicormic growth evident within the crown Lateral lever arm observed Minor dead wood evident in the crown (<75mm) Tree is in decline	N/A	N/A	U
T98	Ash Fraxinus excelsior	8	510	4	EM	P	Standing dead stem	N/A	N/A	U

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T99	Ash Fraxinus excelsior	10	est 500	6	M	P	Dieback of the crown observed Epicormic growth evident within the crown Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm) Specimen in extensive decline	N/A	N/A	U
T100	Ash Fraxinus excelsior	16	680	N - 6 S - 8 E - 3 W - 6	M	P	Bark wounds noted Branch socket cavities observed Branch stubs evident Broken branches evident Dieback of the crown observed Epicormic growth evident within the crown Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm) Potential Roost Features (PRF) Specimen in extensive decline Woodpecker holes observed Inonotus hispidus Shaggy bracket	209	8.2	C (i)
T101	Ash Fraxinus excelsior	17	820	10	M	F	Branch stubs evident Broken branches evident Epicormic growth evident within the crown Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm) Potential Roost Features (PRF) Woodpecker holes observed	304	9.8	B (i)
T102	Beech Fagus sylvatica	16	960	N - 8 S - 3 E - 4 W - 8	M	F	Branch socket cavities observed Branch stubs evident Broken branches evident Epicormic growth evident within the crown Light ivy cover Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm) Potential Roost Features (PRF) Woodpecker holes observed	417	11.5	B (i)
T103	English Oak Quercus robur	15	640	7	M	F	Branch stubs evident Broken branches evident Epicormic growth evident within the crown Minor dead wood evident in the crown (<75mm)	185	7.7	A (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T104	Beech Fagus sylvatica	15	700	7	M	F	Branch stubs evident Broken branches evident Epicormic growth evident within the crown Minor dead wood evident in the crown (<75mm)	222	8.4	A (i)
T105	Ash Fraxinus excelsior	7	450	3	M	P	Bark wounds noted Basal cavity observed Branch stubs evident Broken branches evident Dieback of the crown observed Heartwood exposed Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm) Specimen in extensive decline	92	5.4	C (i)
T106	Ash Fraxinus excelsior	10	est 400	4	M	P	Base obscured Branch stubs evident Broken branches evident Epicormic growth evident within the crown Flail damage evident Minor dead wood evident in the crown (<75mm)	72	4.8	C (i)
T107	Ash Fraxinus excelsior	14	est 350	4	M	P	Base obscured Branch stubs evident Broken branches evident Dieback of the crown observed Epicormic growth evident within the crown Established ivy cover Flail damage evident Minor dead wood evident in the crown (<75mm) Specimen in extensive decline	55	4.2	C (i)
T108	English Oak Quercus robur	18	est 900	6	M	F	Dense ivy cover on main stem Dieback of the crown observed Major dead wood evident in the crown (>75mm) Main stem obscured	366	10.8	B (i)
T109	English Oak Quercus robur	11	1000	5	M	F	Dense ivy cover on main stem Overhead cables Obscured stem likely topped at 7m possible internal hollowing	452	12.0	B (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T110	English Oak Quercus robur	12	460	7	EM	G	Characteristic for species Minor dead wood evident in the crown (<75mm) Pruning wounds noted	96	5.5	B (i)
T111	Horse Chestnut Aesculus hippocastanum	15	Over ivy 810	6	M	G	Barbed Wire attached to stem/s Branch stubs evident Dense ivy cover on main stem Pruning wounds noted	297	9.7	B (i)
T112	Tree no longer present									
T113	Norway Maple Acer platanoides	14	500 580	8	M	F	Dense ivy cover on main stem Dieback of the crown observed Major dead wood evident in the crown (>75mm) Overhead cables Pruning wounds noted Exposed roots at base	265	9.2	B (i)
T114	Leyland Cypress Cupressocyparis leylandii	16	520 380 320	4	M	F	Dense ivy cover on main stem Twin stemmed from 0.5m with third stem developing from base	234	8.6	B (i)
T115	Purple Plum Prunus cerasifera Pissardii	6	150 180	3	EM	P	Twin stemmed from 1m included bark union between stems pruning wounds	25	2.8	C (i)
T116	Atlas Cedar Cedrus atlantica	10	380	4	EM	F	Suppressed crown to North past pruning to provide clearance from overhead cables previously lost main leader at 6m	65	4.6	C (i)
T117	Holly Ilex aquifolium	5	150	2	EM	F	Pruning wounds noted Maintained crown	10	1.8	C (i)
T118	prunes sp.	6	200	4	EM	F	Epicormic growth evident within the crown Low crown form Mistletoe within crown	18	2.4	C (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T119	Norway Maple Acer platanoides	14	600	6	M	F	Crossing and rubbing branches Included bark union Major dead wood evident in the crown (>75mm) Pruning wounds noted Lapsed pollard at 2m	163	7.2	B (i)
T120	English Oak Quercus robur	17	est 800	N - 2 S - 8 E - 6 W - 6	M	F	Dense ivy cover on main stem Major dead wood evident in the crown (>75mm) Uneven crown suppressed to North	290	9.6	B (i)
T121	Leyland Cypress Cupressocyparis leylandii	15	390	2	EM	F	Overhead cables Pruning wounds noted High crown form	69	4.7	C (i)
T122	Deodar Cedar Cedrus deodara	20	1600	8	OM	P / F	Twin stemmed from 1m two stems have separated with exposed heartwood Eastern strm has been reduced and a brace installed Eastern stem is supported by adjacent tree but has a high probability of future failure	707	Capped at 15m	C (i)
T123	Common Walnut Juglans regia	12	210 410	5	EM	F	Pruning wounds noted Twin stemmed from 1m crown overhangs building	96	5.5	B (i)
T124	Wellingtonia Sequoiadendron giganteum	25	1400	4	M	F / G	Main stem leans to east possibly supporting partially failed crown of adjacent tree sparse crown to South due to suppression dense ivy on main stem and around base unable to visual assess stem and root plate	707	Capped at 15m	B (i)
T125	Leyland Cypress Cupressocyparis leylandii	20	400	3	M	F	Characteristic for species Overhead cables Dense undergrowth around base	72	4.8	B (i)
T126	Leyland Cypress Cupressocyparis leylandii	10	9x 130	2	EM	F	Characteristic for species Variegated form	69	4.7	C (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T127	Crab Apple Malus sylvestris	6	6x 40	3	SM	F	Multi leadered form Multi stemmed from base	4	1.2	C (i)
T128	Yew Taxus baccata	8	690	3	M	F	Multi leadered form Pruning wounds noted Situated within 1m of building	215	8.3	B (i)
T129	Yew Taxus baccata	14	1080	9	M	F	Situated within garden within 1m of walkway past pruning with large wound to west circa 2m broken branches and branch stubs fungi noted within small cavity in stem unidentifiable	528	13.0	A (i)
T130	Weeping Willow Salix x sepulcralis 'Chrycosoma'	20	1140	N - 10 S - 10 E - 12 W - 8	OM	F	Major dead wood evident in the crown (>75mm) Lost large limb to South circa 4m large branch stub limb to North has developed an elbow and overhangs boundary wall light ivy cover on stem fungi noted on branch stub unidentifiable	588	13.7	B (i)
T131	Apple Malus domestica	3	200	2	M	F	Crossing and rubbing branches Pruning wounds noted Pleached apple alongside trellise within contact with wall	18	2.4	C (i)
T132	Sycamore Acer pseudoplatanus	10	180 180 180 180	4	EM	P / F	Multi stemmed from base Situated at base of telegraph pole past pruning for clearance unsuitable for long term retention	N/A	N/A	U
T133	English Oak Quercus robur	20	est 980	N - 10 S - 8 E - 8 W - 3	M	F	Large limb has failed to west circa 4m with tear out wound and exposed heartwood situated within verge large torn branch stub to South circa 6m major dead wood with the potential to fall onto the road	434	11.8	B (i)
T134	English Oak Quercus robur	17	Over ivy 670	7	EM	P	Dense ivy cover on main stem Dieback of the crown observed Major dead wood evident in the crown (>75mm) Situated within verge	203	8.0	C (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T135	Ash Fraxinus excelsior	11	est 310	4	EM	P	Extensive die back with large diameter dead branches Ganoderma applanatum (jipsiense) Artists bracket	N/A	N/A	U
T136	Ash Fraxinus excelsior	12	470	5	EM	F	Branch stubs evident Light ivy cover Minor dead wood evident in the crown (<75mm) Situated within hedgerow	100	5.6	B (i)
T137	Horse Chestnut Aesculus hippocastanum	15	640	8	EM / M	G	Barbed Wire attached to stem/s Basal suckers present Branch stubs evident Broken branches evident Characteristic for species	185	7.7	B (i)
T138	Horse Chestnut Aesculus hippocastanum	14	410 360	5	EM	P / F	Basal cavity observed Dense ivy cover on main stem Epicormic growth evident within the crown Heartwood exposed Twin stemmed from base	135	6.5	C (i)
T139	Field Maple Acer campestre	12	350 280	4	M	F	Branch stubs evident Flail damage evident Situated within verge within 10m of overhead cables	91	5.4	C (i)
T140	Horse Chestnut Aesculus hippocastanum	13	590	6	M	F	Branch stubs evident Characteristic for species Dense ivy cover on main stem Minor dead wood evident in the crown (<75mm) Situated within hedgerow	157	7.1	B (i)
T141	Horse Chestnut Aesculus hippocastanum	14	760	7	M	F	Bark wounds noted Epicormic growth evident within the crown Flail damage evident Heartwood exposed Minor dead wood evident in the crown (<75mm) Situated within hedgerow	261	9.1	B (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T142	Horse Chestnut Aesculus hippocastanum	14	820	7	M	F	Bark wounds noted Basal suckers present Broken branches evident Epicormic growth evident within the crown Flail damage evident Heartwood exposed Minor dead wood evident in the crown (<75mm) Situated within hedgerow	304	9.8	B (i)
T143	Horse Chestnut Aesculus hippocastanum	15	820	8	M	F	Bark wounds noted Basal suckers present Broken branches evident Dense ivy cover on main stem Epicormic growth evident within the crown Flail damage evident Heartwood exposed Minor dead wood evident in the crown (<75mm) Situated within hedgerow Pseudomonas syringae pv. aesculi Bleeding canker of horse chestnut	304	9.8	B (i)
T144	English Oak Quercus robur	6	220	3	SM	F	Crossing and rubbing branches Flail damage evident Outgrown hedgerow tree	22	2.6	C (i)
T145	Crack Willow Salix fragilis	18	25x 200	11	OM	F	Characteristic for species Coppiced form Crossing and rubbing branches Included bark union Situated on watercourse two large stems from ground level aerial roots between stems unidentifiable fungi noted between stems debris and undergrowth within lower crown	452	12.0	B (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T146	Ash Fraxinus excelsior	23	740	N - 8 S - 8 E - 2 W - 10	M	F	Branch socket cavities observed Minor dead wood evident in the crown (<75mm) Pruning wounds noted Lever arm to west Inonotus hispidus Shaggy bracket	248	8.9	B (i)
T147	Sycamore Acer pseudoplatanus	20	820	11	M	G	Branch socket cavities observed Major dead wood evident in the crown (>75mm) Hung up branch within crown	304	9.8	A (i)
T148	Beech Fagus sylvatica	23	1100	12	M	G	Branch socket cavities observed Characteristic for species Low crown form Minor dead wood evident in the crown (<75mm) Pruning wounds noted	547	13.2	A (i)
T149	Sycamore Acer pseudoplatanus	20	980	8	M	G	Characteristic for species Minor dead wood evident in the crown (<75mm) Rhytisma acerinum Tar spot of sycamore	434	11.8	A (i)
T150	Beech Fagus sylvatica	22	1360	N - 12 S - 12 E - 8 W - 12	V	P	Lost large section of crown east circa 10m large tear out wound with additional broken branches hollowing of stem noted circa 8-12m delamination of bark accessible cavity open to elements Ganoderma applanatum (jipsiense) Artists bracket	1307	20.4	A (iii)
T151	Sycamore Acer pseudoplatanus	20	770	9	M	G	Characteristic for species Minor dead wood evident in the crown (<75mm)	268	9.2	A (i)
T152	Beech Fagus sylvatica	21	1220	9	V	P / F	Broken branches evident Major dead wood evident in the crown (>75mm) Missing bark on main stem Eastern aspect ground level to 1m heartwood exposed decay evident large branch stub Eastern aspect 3m with woodpecker holes swollen stem at 3m possible internal hollowing	1052	18.3	A (iii)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T153	Sycamore Acer pseudoplatanus	21	960	9	M	G	Characteristic for species Minor dead wood evident in the crown (<75mm) Suppressed crown to douth	417	11.5	A (i)
T154	Beech Fagus sylvatica	22	1120	11	M	G	Branch stubs evident Broken branches evident Minor dead wood evident in the crown (<75mm) Hung up branch within crown	567	13.4	A (i)
T155	Beech Fagus sylvatica	22	1150	11	M	G	Characteristic for species Crossing and rubbing branches Minor dead wood evident in the crown (<75mm)	598	13.8	A (i)
T156	Sycamore Acer pseudoplatanus	21	800	9	M	G	Major dead wood evident in the crown (>75mm) Suppressed crown to South	290	9.6	A (i)
T157	Tree no longer present									
T158	Sycamore Acer pseudoplatanus	17	840	8	M	P / F	Dieback of the crown observed Minor dead wood evident in the crown (<75mm) Main stem is hollow from 1m to unknown height small cavities provide access into stem woodpecker activity Cavity within stem which is oozing water at 0.5m	319	10.1	B (iii)
T159	Ash Fraxinus excelsior	13	est 900	4	M	P	Dense ivy cover throughout tree. Two branches removed at a height of 8m with no occlusion.	366	10.8	C (i)
T160	English Oak Quercus robur	14	est 900	7	M	G	Characteristic for species Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm) Unable to gain access Large mature individual situated 5m from the highway.	366	10.8	A (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T161	Ash Fraxinus excelsior	19	Over ivy 420 380	7	M	F	Situated within group on bank of stream twin stemmed from base dense ivy cover obscures stems small diameter dead branches noted in crown footpath beneath crown	145	6.8	B (i)
T162	Field Maple Acer campestre	14	est 300 250	5	M	G	Situated beyond boundary fence close to railway line unable to access stem low crown to near ground level past pruning to provide clearance to tracks twin stemmed from 1m	69	4.7	B (i)
T163	Field Maple Acer campestre	12	est 250	4	EM	G	Situated beyond boundary fence close to railway line unable to access stem low crown to near ground level past pruning to provide clearance to tracks	28	3.0	B (i)
T164	Tree no longer present									
T165	Goat Willow Salix caprea	8	est 250 250 250 250	7	M	F	Situated beyond boundary fence close to railway line low crown to near ground level unable to access stems multi stemmed from 1m small diameter dead branches noted in crown	113	6.0	B (i)
T166	Ash Fraxinus excelsior	10	est 250	4	EM	P / F	Situated beyond fence close to railway line unable to access stem crown displays ash die back dense undergrowth obscures base and stem	28	3.0	C (i)
T167	Field Maple Acer campestre	7	est 6x 150	5	EM	G	Situated beyond fence on railway embankment low crown to near ground level unable to access stems multi stemmed from base	61	4.4	B (i)
T168	Ash Fraxinus excelsior	14	est 6x 250	7	M	F	Situated beyond fence close to water body unable to access base multi stemmed from 1m possible lapsed coppice small diameter dead branches noted in crown crown is sparse in sections	170	7.3	B (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T169	Hazel Corylus avellana	6	est 20x 70	3	M	G	Situated beyond fence close to water body unable to access base multi stemmed from base likely coppiced	44	3.8	B (i)
T170	Ash Fraxinus excelsior	15	est 1200	6	V	P	Situated beyond small ditch main stem is largely decayed branches develop at 1m from around a central bowl hollow stem accessible from the top at 1m and from ground level large branches develop from very little sound wood but sone reactive growth noted section of stem has previously failed and is laying at base dense ivy cover obscures stems and undergrowth restricts access to base	1018	18.0	A (iii)
T171	Ash Fraxinus excelsior	15	est 500	5	M	F	Situated beyond fence dense undergrowth restricts access to base ivy cover obscures main stem and lower crown unable to fully assess	113	6.0	B (i)
T172	English Oak Quercus robur	8	est 450	6	EM	F	Situated beyond fence squat form with low crown to near ground level sparse crown in sections single large diameter dead branch noted in crown unable to access base	92	5.4	B (i)
T173	English Oak Quercus robur	8	est 600 400	7	M	G	Situated beyond fence unable to access base low crown to near ground level secondary stem develops from base to North dense ivy cover obscures main stem and lower crown	235	8.7	B (i)
T174	Sycamore Acer pseudoplatanus	8	180 180 180 120	4	EM	F	Situated within group beyond fence multi stemmed from base low crown to 1.5m unable to access base	50	4.0	C (i)
T175	Field Maple Acer campestre	7	est 250 150	5	M	F	Situated within group unable to access base lower crown suppressed by surrounding trees low crown to near ground level	38	3.5	B (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T176	Ash Fraxinus excelsior	17	900	6	M	F	Situated within boundary hedgerow lower stem and base obscured by ivy large diameter dead branch hung up in crown storm damage noted with two large tear out wounds vertical crack in main stem occluded evidence of innonotus with areas of necrotic bark sparse upper crown	366	10.8	B (i)
T177	Ash Fraxinus excelsior	10	690	5	M	P	Main leadered has died back to stem large section of dead strm still attached circa 4m in length reduced crown dense ivy obscures lower crown secondary stem has also suffered large branch failure with an obscured cavity and decay evident	N/A	N/A	U
T178	Sycamore Acer pseudoplatanus	10	est 300	4	EM	F	Outgrown from hedgerow unable to access base smaller ash tree to west has resulted in an uneven crown developing	41	3.6	B (i)
T179	Norway Maple Acer platanoides	10	320	4	EM	F	Outgrown from hedgerow broken branche to North with shear crack	46	3.8	B (i)
T180	English Oak Quercus robur	10	Over ivy 550	5	M	F	Situated within hedgerow unable to access base stem and lower crown obscured by ivy die back evident in crown with large diameter dead branches noted swollen stem at base but no visible cavity	137	6.6	B (i)
T181	Ash Fraxinus excelsior	10	est 620	3	M	P	Main stem has split in half remaining stem well decayed but supports live crown large area of exposed heartwood with insect activity noted some wound wood noted but reduced vitality potential habitat value	N/A	N/A	U

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T182	English Oak Quercus robur	10	500	6	EM	F	Situated within hedgerow dense ivy cover obscures main stem and lower crown crown appears sparse broken branches noted small diameter dead branches noted throughout	113	6.0	B (i)
T183	English Oak Quercus robur	6	200	3	SM	G	Situated within hedgerow base and stem obscured lower crown flailed with hedgerow	18	2.4	B (i)
T184	English Oak Quercus robur	15	est 700	N - 1 S - 7 E - 7 W - 7	M	G	Situated within hedgerow unable to access base dense ivy cover obscures main stem and lower crown die back evident in crown with large diameter dead branches noted patches of missing bark on larger structural branches	222	8.4	B (i)
T185	Field Maple Acer campestre	8	est 200 200 200 200	5	M	G	Situated within group multi stemmed from 1m lower crown maintained as part of boundary group	72	4.8	B (i)
T186	Ash Fraxinus excelsior	8	est 500	4	M	P	Situated within group unable to access base dense ivy cover obscures main stem and crown tree appears largely dead situated within falling distance of road	N/A	N/A	U
T187	Field Maple Acer campestre	7	est 400	4	M	P	Situated within group multi stemmed from 3m unable to access base dense ivy cover obscures main stem and lower crown die back evident in crown	72	4.8	C (i)
T188	Sycamore Acer pseudoplatanus	16	350	5	EM	F	Situated within hedgerow dense ivy cover obscures main stem past pruning to raise crown above access track	55	4.2	B (i)
T189	Horse Chestnut Aesculus hippocastanum	14	Over ivy 600	6	M	G	Situated in front of residential property ivy cover obscures main stem unable to fully access overhead lines through crown	163	7.2	B (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T190	Ash Fraxinus excelsior	13	est 250 200 300	6	EM	F	Basal suckers present Base obscured Crossing and rubbing branches Epicormic growth evident within the crown Low crown form Minor dead wood evident in the crown (<75mm) Multi stemmed from base	87	5.3	C (i)
T191	Aspen Populus tremula	16	820	9	M	F	Branch stubs evident Browsing damage noted on main stem Crossing and rubbing branches Epicormic growth evident within the crown Low crown form Minor dead wood evident in the crown (<75mm) Multi leadered form	304	9.8	B (i)
T192	Norway Maple Acer platanoides	10	340	4	EM	F	Crossing and rubbing branches Epicormic growth evident within the crown Low crown form Minor dead wood evident in the crown (<75mm)	52	4.1	C (i)
T193	Field Maple Acer campestre	8	310 270	4	M	F	Bark wounds noted Browsing damage noted on main stem Crossing and rubbing branches Epicormic growth evident within the crown Low crown form Minor dead wood evident in the crown (<75mm)	76	4.9	C (i)
T194	Field Maple Acer campestre	10	6x 200	6	M	F	Bark wounds noted Browsing damage noted on main stem Crossing and rubbing branches Epicormic growth evident within the crown Low crown form Minor dead wood evident in the crown (<75mm) Multi leadered form	109	5.9	B (i)
T195	Norway Maple Acer platanoides	10	320	4	EM	F	Crossing and rubbing branches Epicormic growth evident within the crown Low crown form Minor dead wood evident in the crown (<75mm)	46	3.8	C (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T196	Aspen Populus tremula	16	580 400	10	M	F	Branch stubs evident Broken branches evident Crossing and rubbing branches Epicormic growth evident within the crown Low crown form Minor dead wood evident in the crown (<75mm)	225	8.5	B (i)
T197	Field Maple Acer campestre	8	280	4	EM	F	Crossing and rubbing branches Epicormic growth evident within the crown Low crown form	35	3.4	B (i)
T198	Field Maple Acer campestre	7	210	3	EM	F	Crossing and rubbing branches Epicormic growth evident within the crown Low crown form	20	2.5	C (i)
T199	English Oak Quercus robur	9	310	4	SM	F	Crossing and rubbing branches Epicormic growth evident within the crown Low crown form	43	3.7	C (i)
T200	Field Maple Acer campestre	3	560	1	M	D	Standing dead tree	N/A	N/A	U
T201	Ash Fraxinus excelsior	12	810	7	M	P	Branch stubs evident Broken branches evident Epicormic growth evident within the crown Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm)	297	9.7	C (i)
T202	Ash Fraxinus excelsior	9	540	4	M	P	Branch socket cavities observed Branch stubs evident Broken branches evident Dieback of the crown observed Epicormic growth evident within the crown Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm)	132	6.5	C (i)
T203	Tree no longer present									

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T204	Ash Fraxinus excelsior	9	630	4	EM	P	Branch socket cavities observed Branch stubs evident Broken branches evident Crossing and rubbing branches Dieback of the crown observed Epicormic growth evident within the crown Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm) Potential Roost Features (PRF) Sparse / thinning crown Daldinia concentrica King Alfreds Cakes Inonotus hispidus Shaggy bracket	180	7.6	C (i)
T205	Number no longer in use									
T206	Ash Fraxinus excelsior	8	est 200 200	4	SM	F	Base obscured Crossing and rubbing branches Dense undergrowth at the base Low crown form	36	3.4	C (i)
T207	Ash Fraxinus excelsior	8	est 300	4	M	F	Base obscured Crossing and rubbing branches Dense undergrowth at the base Dieback of the crown observed Low crown form Chalara fraxinea Ash dieback	41	3.6	C (i)
T208	Field Maple Acer campestre	4	est 6x 80	2	EM	F	Base obscured Crossing and rubbing branches Dense undergrowth at the base Low crown form	17	2.4	C (i)
T209	Ash Fraxinus excelsior	8	est 6x 100	3	EM	F	Base obscured Crossing and rubbing branches Dense undergrowth at the base Dieback of the crown observed Low crown form	27	2.9	C (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T210	Ash Fraxinus excelsior	8	est 150 150 150	3	EM	F	Base obscured Crossing and rubbing branches Dense undergrowth at the base Dieback of the crown observed Low crown form	31	3.1	C (i)
T211	Ash Fraxinus excelsior	17	690	7	M	F	Bark wounds noted Base obscured Branch stubs evident Broken branches evident Crossing and rubbing branches Dense undergrowth at the base Epicormic growth evident within the crown Low crown form Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm)	215	8.3	C (i)
T212	English Oak Quercus robur	16	est 700	7	M	F	Base obscured Branch stubs evident Crossing and rubbing branches Dense undergrowth at the base Epicormic growth evident within the crown Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm)	222	8.4	B (i)
T213	Ash Fraxinus excelsior	10	est 850	N - 4 S - 6 E - 4 W - 2	M	P	Basal suckers present Base obscured Branch stubs evident Broken branches evident Delaminating bark on main stem Dense undergrowth at the base Dieback of the crown observed Epicormic growth evident within the crown Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm) Sparse / thinning crown Specimen in extensive decline	327	10.2	C (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T214	Ash Fraxinus excelsior	14	est 800	7	M	F	Base obscured Branch stubs evident Broken branches evident Dense ivy cover on main stem Dense undergrowth at the base Dieback of the crown observed Epicormic growth evident within the crown Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm)	290	9.6	C (i)
T215	Ash Fraxinus excelsior	6	est 750	4	M	P	Basal suckers present Base obscured Branch stubs evident Broken branches evident Dense ivy cover on main stem Dense undergrowth at the base Dieback of the crown observed Epicormic growth evident within the crown Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm)	254	9.0	C (i)
T216	Horse Chestnut Aesculus hippocastanum	6	est 550	3	M	P	Base obscured Crossing and rubbing branches Dense ivy cover on main stem Dense undergrowth at the base Dieback of the crown observed Epicormic growth evident within the crown Minor dead wood evident in the crown (<75mm) Specimen in extensive decline	137	6.6	C (i)
T217	Horse Chestnut Aesculus hippocastanum	11	680	6	M	F	Basal suckers present Base obscured Crossing and rubbing branches Dense undergrowth at the base Epicormic growth evident within the crown Minor dead wood evident in the crown (<75mm) Cameraria ohridella Horse chestnut leaf miner	209	8.2	B (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T218	Horse Chestnut Aesculus hippocastanum	9	est 600	6	M	P	Basal suckers present Base obscured Branch stubs evident Broken branches evident Crossing and rubbing branches Dense ivy cover on main stem Dense undergrowth at the base Dieback of the crown observed Epicormic growth evident within the crown Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm) Specimen in extensive decline Cameraria ohridella Horse chestnut leaf miner	163	7.2	C (i)
T219	Tree no longer present									
T220	Tree no longer present									
T221	Horse Chestnut Aesculus hippocastanum	10	est 550	6	M	F	Base obscured Crossing and rubbing branches Dense undergrowth at the base Epicormic growth evident within the crown Low crown form Cameraria ohridella Horse chestnut leaf miner	137	6.6	B (i)
T222	Hawthorn Crataegus monogyna	3	200	3	EM	F	Base obscured Crossing and rubbing branches Dense undergrowth at the base Epicormic growth evident within the crown Low crown form Cameraria ohridella Horse chestnut leaf miner	18	2.4	C (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T223	Horse Chestnut Aesculus hippocastanum	6	350	4	EM	F	Base obscured Crossing and rubbing branches Dense undergrowth at the base Epicormic growth evident within the crown Low crown form Cameraria ohridella Horse chestnut leaf miner	55	4.2	C (i)
T224	Horse Chestnut Aesculus hippocastanum	12	est 600	7	M	F	Base obscured Crossing and rubbing branches Dense undergrowth at the base Epicormic growth evident within the crown Low crown form Cameraria ohridella Horse chestnut leaf miner	163	7.2	B (i)
T225	Horse Chestnut Aesculus hippocastanum	10	est 500	6	M	F	Base obscured Crossing and rubbing branches Dense undergrowth at the base Epicormic growth evident within the crown Low crown form Cameraria ohridella Horse chestnut leaf miner	113	6.0	B (i)
T226	Horse Chestnut Aesculus hippocastanum	10	est 500	6	M	F	Base obscured Crossing and rubbing branches Dense undergrowth at the base Epicormic growth evident within the crown Low crown form Cameraria ohridella Horse chestnut leaf miner	113	6.0	B (i)
T227	Horse Chestnut Aesculus hippocastanum	11	est 550	6	M	F	Base obscured Crossing and rubbing branches Dense ivy cover on main stem Dense undergrowth at the base Epicormic growth evident within the crown Low crown form Cameraria ohridella Horse chestnut leaf miner	137	6.6	B (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T228	Horse Chestnut Aesculus hippocastanum	6	est 400	3	M	F	Base obscured Crossing and rubbing branches Dense ivy cover on main stem Dense undergrowth at the base Epicormic growth evident within the crown Low crown form Cameraria ohridella Horse chestnut leaf miner	72	4.8	C (i)
T229	Horse Chestnut Aesculus hippocastanum	8	est 500	5	M	F	Base obscured Crossing and rubbing branches Dense ivy cover on main stem Dense undergrowth at the base Epicormic growth evident within the crown Low crown form Cameraria ohridella Horse chestnut leaf miner	113	6.0	B (i)
T230	Horse Chestnut Aesculus hippocastanum	5	est 350	3	EM	F	Base obscured Crossing and rubbing branches Dense ivy cover on main stem Dense undergrowth at the base Epicormic growth evident within the crown Low crown form Cameraria ohridella Horse chestnut leaf miner	55	4.2	C (i)
T231	Horse Chestnut Aesculus hippocastanum	11	est 650	7	M	F	Base obscured Crossing and rubbing branches Dense ivy cover on main stem Dense undergrowth at the base Epicormic growth evident within the crown Low crown form Cameraria ohridella Horse chestnut leaf miner	191	7.8	B (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T232	Horse Chestnut Aesculus hippocastanum	11	est 650	7	M	F	Base obscured Crossing and rubbing branches Dense ivy cover on main stem Dense undergrowth at the base Epicormic growth evident within the crown Low crown form Cameraria ohridella Horse chestnut leaf miner	191	7.8	B (i)
T233	Horse Chestnut Aesculus hippocastanum	12	est 450	5	M	F	Base obscured Crossing and rubbing branches Dense ivy cover on main stem Dense undergrowth at the base Epicormic growth evident within the crown Low crown form Cameraria ohridella Horse chestnut leaf miner	92	5.4	B (i)
T234	Sycamore Acer pseudoplatanus	12	est 700	8	M	F	Base obscured Crossing and rubbing branches Dense ivy cover on main stem Dense undergrowth at the base Epicormic growth evident within the crown Low crown form	222	8.4	B (i)
T235	Horse Chestnut Aesculus hippocastanum	14	est 750	8	M	F	Base obscured Crossing and rubbing branches Dense ivy cover on main stem Dense undergrowth at the base Epicormic growth evident within the crown Low crown form Cameraria ohridella Horse chestnut leaf miner	254	9.0	B (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T236	Ash Fraxinus excelsior	13	est 750	N - 5 S - 10 E - 8 W - 8	M	F	Dense undergrowth at the base Dieback of the crown observed Minor dead wood evident in the crown (<75mm) Overhead cables Pruning wounds noted Unable to gain access Overhangs road at hight of 8m set back from road by 5m large prominate individual outgrown from hedgerow Bifuricates at 4m into 3 leaders	254	9.0	B (i)
T237	Sycamore Acer pseudoplatanus	11	est 6x 220	4	M	F	Minor dead wood evident in the crown (<75mm) Multi stemmed from base Overhead cables Unable to gain access Multistemed form from base Pruned laterally by vehicles up to 6m Set back 3m from road side	131	6.5	B (i)
T238	Ash Fraxinus excelsior	17	est 700 250	4	M	F	Broken branches evident Dense undergrowth at the base Epicormic growth evident within the crown Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm) Pruning wounds noted Unable to gain access Moderate quality due to maturity and prominance on landscape Located on bank above stream at 1.5m High.	250	8.9	B (i)
T239	English Oak Quercus robur	12	800	6	M	F	Barbed Wire attached to stem/s Bark wounds noted Branch stubs evident Broken branches evident Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm) Sparse / thinning crown Storm damage present	290	9.6	B (ii)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T240	Horse Chestnut Aesculus hippocastanum	14	770	5	M	F	Bark wounds noted Branch stubs evident Characteristic for species Light ivy cover Low crown form Minor dead wood evident in the crown (<75mm) No major defects were noted	268	9.2	B (i)
T241	English Oak Quercus robur	12	510	6	M	F	Barbed Wire attached to stem/s Bark wounds noted Branch stubs evident Broken branches evident Minor dead wood evident in the crown (<75mm	118	6.1	B (i)
T242	Horse Chestnut Aesculus hippocastanum	14	700	6	M	G	Barbed Wire attached to stem/s Branch stubs evident Characteristic for species Crossing and rubbing branches Epicormic growth evident within the crown Included bark union Light ivy cover Minor dead wood evident in the crown (<75mm) Typical crown form	222	8.4	B (i)
T243	Horse Chestnut Aesculus hippocastanum	14	840	5	M	G	Characteristic for species Crossing and rubbing branches Epicormic growth evident within the crown Light ivy cover Low crown form Minor dead wood evident in the crown (<75mm) No major defects were noted Pruning wounds noted Typical crown form	319	10.1	B (i)
T244	Horse Chestnut Aesculus hippocastanum	14	720	6	M	F	Branch stubs evident Broken branches evident Characteristic for species Epicormic growth evident within the crown No major defects were noted Typical crown form	235	8.6	B (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T245	Horse Chestnut Aesculus hippocastanum	14	670	6	M	G	Branch stubs evident Broken branches evident Characteristic for species Epicormic growth evident within the crown No major defects were noted Typical crown form Unable to gain access	203	8.0	B (i)
T246	Horse Chestnut Aesculus hippocastanum	16	630	N - 5 S - 5 E - 2 W - 5	M	F	Barbed Wire attached to stem/s Bark wounds noted Branch stubs evident Characteristic for species Included bark union Minor dead wood evident in the crown (<75mm) Pruning wounds noted Typical crown form	180	7.6	B (i)
T247	Tree no longer present									
T248	Ash Fraxinus excelsior	14	900	2	OM	P	Bark wounds noted Branch socket cavities observed Branch stubs evident Broken branches evident Delaminating bark on main stem Dieback of the crown observed Heartwood exposed Limited future potential Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm) Pruning wounds noted Sparse / thinning crown Storm damage present	366	10.8	C (i)
T249	Goat Willow Salix caprea	5	upto 150 150 150	3	SM	F	Basal suckers present Crossing and rubbing branches Even crown form Flail damage evident Included bark union	31	3.1	C (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T250	Goat Willow Salix caprea	5	upto 80 100 120 130 90	3	SM	F	Basal suckers present Crossing and rubbing branches Even crown form Flail damage evident Included bark union	25	2.8	C (i)
T251	Hybrid Black Poplar Populus x canadensis	25	upto 1460	11	M	G	Characteristic for species Dense ivy cover on main stem Even crown form Minor dead wood evident in the crown (<75mm) Typical crown form	707	Capped at 15m	A (i)
T252	Beech Fagus sylvatica	22	upto 1310	12	M	G	Characteristic for species Crossing and rubbing branches Included bark union No major defects were noted Pulled out from W4 due to significantly larger stem diameter.	707	Capped at 15m	A (i)
T253	Beech Fagus sylvatica	22	upto 1050	9	M	G	Characteristic for species Crossing and rubbing branches Included bark union No major defects were noted Pulled out from W4 due to significantly larger stem diameter.	499	12.6	A (i)
T254	Ash Fraxinus excelsior	7	upto 6x 220	5	SM	F	Epicormic growth evident within the crown Multi stemmed from base Scrappy form Outgrown from hedgerow. Limited arboricultural value	131	6.5	C (ii)
T255	Ash Fraxinus excelsior	9	upto 380 320 290	5	SM	F	Dense ivy cover on main stem Epicormic growth evident within the crown Multi stemmed from base Scrappy form Outgrown from hedgerow	150	6.9	C (ii)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T256	Ash Fraxinus excelsior	9	avg 200 220 180 190	5	SM	F	Epicormic growth evident within the crown Multi stemmed from base Scrappy form Outgrown from hedgerow	71	4.8	C (ii)
T257	Horse Chestnut Aesculus hippocastanum	5	upto 6x 150	4	SM	F	Epicormic growth evident within the crown Multi stemmed from base Scrappy form Outgrown from hedgerow	61	4.4	C (ii)
T258	Horse Chestnut Aesculus hippocastanum	5	upto 170 170 170	3	SM	F	Epicormic growth evident within the crown Multi leadered form Scrappy form Outgrown from hedgerow	39	3.5	C (ii)
T259	Horse Chestnut Aesculus hippocastanum	5	upto 410	3	SM	P	Epicormic growth evident within the crown Multi leadered form Scrappy form Main leader has failed Outgrown from hedgerow	76	4.9	C (ii)
T260	Ash Fraxinus excelsior	8	300	3	EM	G	Outgrown from hedgerow ivy cover on main stem	41	3.6	C (i)
T261	Ash Fraxinus excelsior	10	700	5	M	P	Situated within group ganoderma resinatium bracket noted on main stem at base die back of crown evident branch stubs and branch socket cavities	N/A	N/A	U
T262	Ash Fraxinus excelsior	13	620	4	M	F	Situated within hedgerow dense ivy cover obscures main stem past pruning with branch stubs	174	7.4	B (i)
T263	English Oak Quercus robur	14	est 1000	8	M	G	Situated within hedgerow past pruning to raise crown above adjacent access track dense ivy cover obscures main stem	452	12.0	A (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T264	Number no longer in use									
T265	Japanese Cherry Prunus spp.	4	est 300	3	M	P	Pruning wounds noted	41	3.6	C (i)
T266	Leyland Cypress Cupressocyparis leylandii	10	est 250	4	EM	F	Characteristic for species Situated offsite	28	3.0	C (i)
T267	Sycamore Acer pseudoplatanus	10	350 300	6	EM	F	Twin stemmed from base Growing through fence	96	5.5	C (i)
T268	Beech Fagus sylvatica	8	250 100	4	SM	F	Characteristic for species Multi leadered form	33	3.2	C (i)
T269	Ash Fraxinus excelsior	16	est 600	5	M	F	Characteristic for species Light ivy cover	163	7.2	C (i)
T270	English Oak Quercus robur	16	est 600	6	M	F	Characteristic for species Light ivy cover	163	7.2	B (i)
T271	English Oak Quercus robur	21	1430	12	M	F	Bark wounds noted Branch stubs evident Broken branches evident Heartwood exposed Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm)	707	Capped at 15m	A (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T272	English Oak Quercus robur	15	800	10	M	F	Bark wounds noted Branch stubs evident Broken branches evident Heartwood exposed Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm)	290	9.6	A (i)
T273	English Oak Quercus robur	22	700	8	M	F	Light ivy cover	222	8.4	A (ii)
T274	Ash Fraxinus excelsior	9	700	4	EM	P	Dense ivy cover on main stem Inonotus hispidus Shaggy bracket	222	8.4	C (ii)
T275	Wild Cherry Prunus avium	5	350	4	EM	P	Dense ivy cover on main stem	55	4.2	C (ii)
T276	Horse Chestnut Aesculus hippocastanum	12	350	5	EM	F	Characteristic for species Light ivy cover	55	4.2	C (ii)
T277	Horse Chestnut Aesculus hippocastanum	12	350	5	EM	F	Characteristic for species Light ivy cover	55	4.2	C (ii)
T278	Ash Fraxinus excelsior	10	est 350 450	7	EM	F	Characteristic for species Light ivy cover	147	6.8	C (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
GROUPS OF TREES										
G1	Ash Fraxinus excelsior Elder Sambucus nigra English Oak Quercus robur Field Maple Acer campestre Goat Willow Salix caprea Hawthorn Crataegus monogyna Hazel Corylus avellana Laural Prunus Laurocerasus Privet Ligustrum ovalifolium Dogwood Cornus sanguinea	12	avg 150 150 150	3	EM / M	F	Branch stubs evident Crossing and rubbing branches Dead trees noted Dense undergrowth at the base Interlocking crowns Low crown form Minor dead wood evident in the crown (<75mm) Pruning wounds noted Tree cover along railway embankment	31	3.1	C (ii)
G2	English Elm Ulmus procera	4	avg 100	1	SM	D	Dead trees noted Ophiostoma novo-ulmi Dutch elm disease	N/A	N/A	U
G3	Blackthorn Prunus spinosa Elder Sambucus nigra Hawthorn Crataegus monogyna spindle Dogwood Cornus sanguinea	8	est 150 150 150	3	EM	F	Crossing and rubbing branches Dense undergrowth at the base Flail damage evident Gaps present in hedgerow Included bark union Interlocking crowns Tree cover along railway embankment including intermittent trees along field boundary fence line	31	3.1	C (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G4	Aspen Populus tremula	16	est 600	7	EM / M	F	Crossing and rubbing branches Epicormic growth evident within the crown Interlocking crowns Minor dead wood evident in the crown (<75mm)	163	7.2	C (ii)
G5	Blackthorn Prunus spinosa Elder Sambucus nigra Hawthorn Crataegus monogyna spindle Dogwood Cornus sanguinea	8	est 150 150 150	3	EM	F	Crossing and rubbing branches Dense undergrowth at the base Flail damage evident Gaps present in hedgerow Included bark union Interlocking crowns Tree cover along railway embankment including intermittent trees along field boundary fence line	31	3.1	C (ii)
G6	Ash Fraxinus excelsior English Oak Quercus robur Field Maple Acer campestre Hawthorn Crataegus monogyna Sycamore Acer pseudoplatanus Wild Cherry Prunus avium Crab Apple Malus sylvestris English Elm Ulmus procera Hazel Corylus avellana	18	avg 600	8	EM / M	F	Branch socket cavities observed Branch stubs evident Broken branches evident Coppiced form Dense undergrowth at the base Epicormic growth evident within the crown Established ivy cover Etiolated form Interlocking crowns Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm)	163	7.2	B (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G7	Ash Fraxinus excelsior Blackthorn Prunus spinosa Field Maple Acer campestre Hawthorn Crataegus monogyna spindle	11	avg 300	5	EM / M	F	Branch stubs evident Broken branches evident Crossing and rubbing branches Epicormic growth evident within the crown Established ivy cover Flail damage evident Interlocking crowns Low crown form	41	3.6	C (ii)
G8	Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna English Elm Ulmus procera	5	est 6x 60	3	EM	P	Base obscured Crossing and rubbing branches Dense undergrowth at the base	10	1.8	C (ii)
G9	Beech Fagus sylvatica Common Larch Larix decidua	11	avg 200	2	SM	F	Crossing and rubbing branches Etiolated form Interlocking crowns Low crown form	18	2.4	B (ii)
G10	Elder Sambucus nigra Hawthorn Crataegus monogyna	3	avg 6x 60	2	M	F	Crossing and rubbing branches Sporadic self-seeded group of trees	10	1.8	C (ii)
G11	Ash Fraxinus excelsior Wild Cherry Prunus avium Leyland Cypress Cupressocyparis leylandii Scots Pine Pinus sylvestris	20	avg 450	3	EM / M	P / F	Base obscured Branch stubs evident Broken branches evident Crossing and rubbing branches Etiolated form Failed trees Interlocking crowns Low crown form Minor dead wood evident in the crown (<75mm) Storm damage present Numerous failed trees	92	5.4	B (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G12	Ash Fraxinus excelsior Beech Fagus sylvatica English Oak Quercus robur Field Maple Acer campestre Norway Maple Acer platanoides Wild Cherry Prunus avium Alder Alnus glutinosa Aspen Populus tremula	13	est 350	4	SM / EM	F	Branch stubs evident Broken branches evident Crossing and rubbing branches Epicormic growth evident within the crown Interlocking crowns Low crown form Minor dead wood evident in the crown (<75mm) Situated offsite Unable to gain access	55	4.2	B (ii)
G13	Ash Fraxinus excelsior Beech Fagus sylvatica English Oak Quercus robur Field Maple Acer campestre Hybrid Black Poplar Populus x canadensis Norway Maple Acer platanoides Wild Cherry Prunus avium Alder Alnus glutinosa Aspen Populus tremula	13	est 350	4	SM / EM	F	Branch stubs evident Broken branches evident Crossing and rubbing branches Epicormic growth evident within the crown Interlocking crowns Low crown form Minor dead wood evident in the crown (<75mm) Situated offsite Unable to gain access	55	4.2	B (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G14	Ash Fraxinus excelsior Beech Fagus sylvatica English Oak Quercus robur Field Maple Acer campestre Hybrid Black Poplar Populus x canadensis Norway Maple Acer platanoides Wild Cherry Prunus avium Alder Alnus glutinosa Aspen Populus tremula	13	est 350	4	SM / EM	F	Branch stubs evident Broken branches evident Crossing and rubbing branches Epicormic growth evident within the crown Interlocking crowns Low crown form Minor dead wood evident in the crown (<75mm) Situated offsite Unable to gain access	55	4.2	B (ii)
G15	Ash Fraxinus excelsior Beech Fagus sylvatica English Oak Quercus robur Field Maple Acer campestre Hybrid Black Poplar Populus x canadensis Norway Maple Acer platanoides Wild Cherry Prunus avium Alder Alnus glutinosa Aspen Populus tremula	13	est 350	4	SM / EM	F	Branch stubs evident Broken branches evident Crossing and rubbing branches Epicormic growth evident within the crown Interlocking crowns Low crown form Minor dead wood evident in the crown (<75mm) Situated offsite Unable to gain access	55	4.2	B (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G16	Ash Fraxinus excelsior	8	avg 200	3	EM	P	Bark wounds noted Branch stubs evident Broken branches evident Crossing and rubbing branches Epicormic growth evident within the crown Flail damage evident Three trees growing through fence	18	2.4	C (ii)
G17	Ash Fraxinus excelsior Elder Sambucus nigra Hawthorn Crataegus monogyna Sycamore Acer pseudoplatanus spindle	6	avg 8x 80	2	EM	F	Branch stubs evident Broken branches evident Crossing and rubbing branches Dense undergrowth at the base Interlocking crowns Low crown form Multi stemmed from base Situated offsite Intermittent tree cover along track	23	2.7	C (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G18	Ash Fraxinus excelsior Blackthorn Prunus spinosa Crack Willow Salix fragilis English Oak Quercus robur Goat Willow Salix caprea Hawthorn Crataegus monogyna Norway Maple Acer platanoides Silver Birch Betula pendula Alder Alnus glutinosa Hazel Corylus avellana Leyland Cypress Cupressocyparis leylandii Scots Pine Pinus sylvestris	18	avg 800	10	EM / M / OM	F	Basal suckers present Base obscured Branch socket cavities observed Branch stubs evident Broken branches evident Crossing and rubbing branches Dead trees noted Dense undergrowth at the base Epicormic growth evident within the crown Established ivy cover Etiolated form Failed trees Interlocking crowns Low crown form Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm) Large willows on outer edge	290	9.6	B (ii)
G19	Ash Fraxinus excelsior Beech Fagus sylvatica Sycamore Acer pseudoplatanus English Elm Ulmus procera Laural Prunus Laurocerasus Scots Pine Pinus sylvestris	15	avg 300	4	SM / EM	F	Branch stubs evident Broken branches evident Dead trees noted Etiolated form Interlocking crowns Low crown form Minor dead wood evident in the crown (<75mm)	41	3.6	B (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G20	Ash Fraxinus excelsior Field Maple Acer campestre Hawthorn Crataegus monogyna Sycamore Acer pseudoplatanus Wild Cherry Prunus avium Aspen Populus tremula Laural Prunus Laurocerasus Small leaved Lime Tilia cordata Norway Spruce Picea abies Scots Pine Pinus sylvestris	17	avg 300	4	EM	F	Branch stubs evident Broken branches evident Crossing and rubbing branches Dead trees noted Epicormic growth evident within the crown Etiolated form Failed trees Interlocking crowns Low crown form Minor dead wood evident in the crown (<75mm) Regularly planted	41	3.6	B (ii)
G21	Ash Fraxinus excelsior English Oak Quercus robur Goat Willow Salix caprea Scots Pine Pinus sylvestris	20	avg 400	6	EM	F	Branch stubs evident Broken branches evident Crossing and rubbing branches Dense undergrowth at the base Epicormic growth evident within the crown Etiolated form Flail damage evident Minor dead wood evident in the crown (<75mm) Trees north west of pond	72	4.8	B (ii)
G22	Ash Fraxinus excelsior Goat Willow Salix caprea	6	avg 8x 70	3	SM / EM	F	Sporadic self-seeded group of trees	18	2.4	C (ii)
G23	Ash Fraxinus excelsior Leyland Cypress Cupressocyparis leylandii	12	upto 420	4	EM	F	Characteristic for species Linear planting gaps reduce screening value two ash within group	80	5.0	C (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G24	Sycamore Acer pseudoplatanus Wild Cherry Prunus avium Leyland Cypress Cupressocyparis leylandii	10	upto 260	2	SM	F	Characteristic for species Overhead cables Outgrow section of hedgerow provides some screening value to existing dwellings	31	3.1	C (ii)
G25	Horse Chestnut Aesculus hippocastanum	12	avg 600	5	EM / M	P / F	Linear group along driveway uniform spacing similar age with some obvious later replacements mature trees reaching the end of their safe life with die back hollowing and major dead wood noted rowan has been used to fill gaps bleeding canker noted with split bark	163	7.2	B (ii)
G26	Hawthorn Crataegus monogyna Sycamore Acer pseudoplatanus Wild Cherry Prunus avium Holly Ilex aquifolium	9	avg 300	3	SM / EM	F / G	Branch stubs evident Characteristic for species Pruning wounds noted Area of mixed species buffer planting	41	3.6	B (ii)
G27	Holly Ilex aquifolium Holm Oak Quercus ilex Lawson Cypress Chamaecyparis lawsoniana Scots Pine Pinus sylvestris	17	upto 500	6	EM / M	F	Dense ivy cover on main stem Dense undergrowth at the base Planted group along side barn building	113	6.0	B (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G28	Ash Fraxinus excelsior Norway Maple Acer platanoides Apple Malus domestica Leyland Cypress Cupressocyparis leylandii	13	upto 500	5	EM	F	Buffer planting along edge of driveway two apple on eastern edge of group	113	6.0	B (ii)
G29	Norway Maple Acer platanoides Lawson Cypress Chamaecyparis lawsoniana	8	upto 150	1.5	SM	P	Planted group adjacent to buildings some screening value but limited future potential	10	1.8	C (ii)
G30	Elder Sambucus nigra Holly Ilex aquifolium	7	avg 120	2	EM	P	Planted group with some self seeded tree cover limited screening value and future potential	7	1.4	C (ii)
G31	Leyland Cypress Cupressocyparis leylandii Norway Spruce Picea abies	16	avg 340	4	EM	F	Characteristic for species Planted group between driveway and building moderate screening value	52	4.1	B (ii)
G32	Leyland Cypress Cupressocyparis leylandii	19	380	4	EM	G	Characteristic for species Liner screening group Internal to the site so limited screening value	65	4.6	C (ii)
G33	Laural Prunus Laurocerasus	5	avg 150	3	EM	F	Dense tree group situated between driveway and building overhead cables above group	10	1.8	C (ii)
G34	Leyland Cypress Cupressocyparis leylandii	15	avg 450	3	EM	F	Linear group along garden boundary gaps reduce screening value	92	5.4	C (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G35	Leyland Cypress Cupressocyparis leylandii	15	avg 550	6	M	F	Multi leadered form Multi stemmed from base Planted group within garden setting	137	6.6	B (ii)
G36	Apple Malus domestica	5	avg 160	3	EM	F	Pruning wounds noted Small orchard group of 5 trees mixed age some more recently planted	12	1.9	C (ii)
G37	Norway Spruce Picea abies	11	avg 180	2.5	EM	F	Characteristic for species Interlocking crowns Grouo of 4 trees closely spaced	15	2.2	C (ii)
G38	Norway Maple Acer platanoides	14	avg 360	4	EM	F	Characteristic for species Minor dead wood evident in the crown (<75mm) Three trees within garden setting hung up branch within central tree	59	4.3	B (ii)
G39	Leyland Cypress Cupressocyparis leylandii	16	avg 400	6	M	F	Characteristic for species Light ivy cover Linear group within center of site limited screening value	72	4.8	C (ii)
G40	Ash Fraxinus excelsior Horse Chestnut Aesculus hippocastanum Norway Maple Acer platanoides	16	upto 580	5	EM	F	Minor dead wood evident in the crown (<75mm) Overhead cables Plantee group bleeding canker machinery and culvert within group	152	7.0	B (ii)
G41	Beech Fagus sylvatica Scots Pine Pinus sylvestris	9	250	3	SM	F	Planted group along boundary dead trees noted limited screening value	28	3.0	C (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G42	Horse Chestnut Aesculus hippocastanum Norway Maple Acer platanoides Wild Cherry Prunus avium Common Larch Larix decidua Scots Pine Pinus sylvestris	14	upto 440	6	EM	F	Dead trees noted Minor dead wood evident in the crown (<75mm) Planted group debris at base moderate screening value	88	5.3	B (ii)
G43	Common Larch Larix decidua	10	400	3	M	D	Three trees mostly dead and unlikely to recover	N/A	N/A	U
G44	Ash Fraxinus excelsior Blackthorn Prunus spinosa Norway Maple Acer platanoides Apple Malus domestica English Elm Ulmus procera	10	upto 200 200 200 200	3	EM / M	P / F	Dead trees noted Dense ivy cover on main stem Dense undergrowth at the base Outgrown hedgerow tree group	72	4.8	C (ii)
G45	Leyland Cypress Cupressocyparis leylandii	12	upto 380	5	EM	F	Characteristic for species Linear group along former garden boundary limited screening value	65	4.6	C (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G46	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna Hazel Corylus avellana	5	avg 120	2	SM / EM	F	Hedge line with new tree planting along field boundary gaps within group provides some screening to Severn trent plant	7	1.4	C (ii)
G47	Ash Fraxinus excelsior Blackthorn Prunus spinosa Field Maple Acer campestre Hawthorn Crataegus monogyna	5	90 90 90 90	2	SM / EM	F	Dense ivy cover on main stem Flail damage evident Outgrown hedgerow along boundary	15	2.2	C (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G48	Ash Fraxinus excelsior Beech Fagus sylvatica Blackthorn Prunus spinosa Common Lime Tilia x europaea Elder Sambucus nigra English Oak Quercus robur Field Maple Acer campestre Hawthorn Crataegus monogyna Norway Maple Acer platanoides English Elm Ulmus procera	17	upto 700	7	EM	F	Dense ivy cover on main stem Dense undergrowth at the base Interlocking crowns Overhead cables Buffer planting between land parcels flailed along field boundary predominantly field maple with sporadic early mature ash and oak moderate screening value double row occasional gaps for overhead cables	222	8.4	B (ii)
G49	Beech Fagus sylvatica Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hybrid Black Poplar Populus x canadensis Sycamore Acer pseudoplatanus	22	upto 510	8	EM	F	Broken branches evident Characteristic for species Flail damage evident Minor dead wood evident in the crown (<75mm) Linear group of hybrid black poplar with self seeded understorey understorey flailed along field boundary	118	6.1	B (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G50	Ash Fraxinus excelsior Blackthorn Prunus spinosa Common Lime Tilia x europaea English Oak Quercus robur Hawthorn Crataegus monogyna English Elm Ulmus procera Hazel Corylus avellana Douglas fir	18	upto 800	8	M	F	Branch stubs evident Broken branches evident Dense ivy cover on main stem Major dead wood evident in the crown (>75mm) Predominantly mature ash with single mature lime dense undergrowth throughout group	290	9.6	B (ii)
G51	Blackthorn Prunus spinosa Crack Willow Salix fragilis Goat Willow Salix caprea Sycamore Acer pseudoplatanus	12	upto 250	4	EM	F	Tree group along watercourse likely self seeded gaps reduce screening value flailed along field boundary maintained beneath overhead cables	28	3.0	C (ii)
G52	Ash Fraxinus excelsior Blackthorn Prunus spinosa Crack Willow Salix fragilis Goat Willow Salix caprea Hawthorn Crataegus monogyna	7	avg 120	2	EM	F	Outgrown section of hedgerow flailed along field boundary	7	1.4	C (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G53	Ash Fraxinus excelsior Goat Willow Salix caprea Hawthorn Crataegus monogyna Hybrid Black Poplar Populus x canadensis Bird Cherry Prunus padus	26	avg 450	7	EM	F	Broken branches evident Characteristic for species Etiolated form Failed trees Storm damage present Poplar plantation with some understorey and self seeded trees	92	5.4	C (ii)
G54	Ash Fraxinus excelsior Norway Maple Acer platanoides Hornbeam Carpinus betulus	13	upto 310	3	SM	F	Base obscured Branch stubs evident Flail damage evident Light ivy cover Sporadic trees within hedgerow likely planted	43	3.7	C (ii)
G55	Silver Birch Betula pendula Wild Cherry Prunus avium White Willow Salix alba	9	est 220	3	EM	F	Bounadary group of trees between carriageway and serving station.	22	2.6	B (ii)
G56	Wild Cherry Prunus avium Hazel Corylus avellana	7	est 200	3	EM	F	Group situated in island of roundabout.	18	2.4	C (ii)
G57	Blackthorn Prunus spinosa Field Maple Acer campestre Hawthorn Crataegus monogyna	7	est 150 150 130 100	4	EM	F	Boundary group east of roundabout between field and verge. Dense group of even height no standard trees present.	33	3.2	C (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G58	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra English Oak Quercus robur Hawthorn Crataegus monogyna Silver Birch Betula pendula Wild Cherry Prunus avium Hazel Corylus avellana	15	est 300	5	EM / M	G	Broundary group between highway verge and field Mixture of semi mature and mature specimens.	41	3.6	B (ii)
G59	Ash Fraxinus excelsior Field Maple Acer campestre Hawthorn Crataegus monogyna Silver Birch Betula pendula Wild Cherry Prunus avium Hazel Corylus avellana	7	avg 200	4	EM	P / F	Crossing and rubbing branches Dead trees noted Dense undergrowth at the base Light ivy cover Minor dead wood evident in the crown (<75mm) Boundary group of trees set back from road side 5m verge from highway to group.	18	2.4	C (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G60	Ash Fraxinus excelsior Blackthorn Prunus spinosa Common Lime Tilia x europaea Elder Sambucus nigra English Oak Quercus robur Field Maple Acer campestre Sycamore Acer pseudoplatanus Wild Cherry Prunus avium Scots Pine Pinus sylvestris	10	avg 250	4	EM / M	F	Characteristic for species Crossing and rubbing branches Dead trees noted Light ivy cover Minor dead wood evident in the crown (<75mm) Boundary group between field and road out of service station. Scrappy form	28	3.0	B (ii)
G61	Hawthorn Crataegus monogyna Silver Birch Betula pendula Hazel Corylus avellana White Willow Salix alba	8	est 220	4	EM	P / F	Broken branches evident Crossing and rubbing branches Dead trees noted Dense undergrowth at the base Minor dead wood evident in the crown (<75mm) Scrappy form group bordering motorway to the west and highway to the east. Surrounding ponds majority of group of low value.	22	2.6	C (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G62	Ash Fraxinus excelsior Beech Fagus sylvatica Blackthorn Prunus spinosa English Oak Quercus robur Field Maple Acer campestre Hawthorn Crataegus monogyna Silver Birch Betula pendula Sycamore Acer pseudoplatanus Wild Cherry Prunus avium	13	avg 400	7	EM / M	F	Branch stubs evident Broken branches evident Crossing and rubbing branches Dead trees noted Dense undergrowth at the base Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm) Verge group along highway. Predominantly mature trees making a buffer between highway and farmland	72	4.8	B (ii)
G63	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Hawthorn Crataegus monogyna Wild Cherry Prunus avium Scots Pine Pinus sylvestris	10	avg 150	3	EM	F	Scrappy form group situated between motorway and slip road.	10	1.8	C (ii)
G64	Ash Fraxinus excelsior Common Lime Tilia x europaea Wild Cherry Prunus avium Hazel Corylus avellana	10	avg 200	4	EM	F	Broken branches evident Crossing and rubbing branches Dead trees noted Dense undergrowth at the base Minor dead wood evident in the crown (<75mm) Group situated on island between roads. Plants set back from road edge comprising of early mature individuals	18	2.4	C (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G65	Ash Fraxinus excelsior Blackthorn Prunus spinosa Common Lime Tilia x europaea English Oak Quercus robur Field Maple Acer campestre Hawthorn Crataegus monogyna Silver Birch Betula pendula Sycamore Acer pseudoplatanus Wild Cherry Prunus avium Hazel Corylus avellana Holly Ilex aquifolium	11	avg 250	4	EM	F	Dense undergrowth at the base Interlocking crowns Minor dead wood evident in the crown (<75mm) Dense scrappy form growing uoto7m from highway. Uniform age and good mix of species	28	3.0	B (ii)
G66	Field Maple Acer campestre Hawthorn Crataegus monogyna Wild Cherry Prunus avium Hazel Corylus avellana	8	avg 150	3	EM	P / F	Crossing and rubbing branches Dense undergrowth at the base Minor dead wood evident in the crown (<75mm) Unable to gain access Unable to access due to busy road estimated from footpath c.15m away. Dense scrappy form group located in the middle of a roundabout.	10	1.8	C (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G67	Ash Fraxinus excelsior Blackthorn Prunus spinosa Field Maple Acer campestre Hawthorn Crataegus monogyna Silver Birch Betula pendula Hazel Corylus avellana Rowan Sorbus aucuparia	8	avg 150	3	EM	F	Dead trees noted Minor dead wood evident in the crown (<75mm) No major defects were noted Unable to gain access Roadside group situated between motorway and field boundary. Mixed species but consistent age structure.	10	1.8	C (ii)
G68	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra English Oak Quercus robur Field Maple Acer campestre Hawthorn Crataegus monogyna Sycamore Acer pseudoplatanus Wild Cherry Prunus avium Hazel Corylus avellana	14	avg 330	5	EM	F / G	Overhead cables Mature group situated between road verge and field parcel Flail damage to 4m. Even age structure.	49	4.0	B (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G69	Ash Fraxinus excelsior Blackthorn Prunus spinosa Common Lime Tilia x europaea English Oak Quercus robur Field Maple Acer campestre Hawthorn Crataegus monogyna Silver Birch Betula pendula Sycamore Acer pseudoplatanus Wild Cherry Prunus avium Hazel Corylus avellana Holly Ilex aquifolium	11	avg 250	4	EM	F	Dense undergrowth at the base Interlocking crowns Minor dead wood evident in the crown (<75mm) Overhead cables Dense scrappy form growing uoto7m from highway. Uniform age and good mix of species	28	3.0	B (ii)
G70	Number no longer in use									
G71	Ash Fraxinus excelsior Blackthorn Prunus spinosa English Oak Quercus robur Field Maple Acer campestre Hawthorn Crataegus monogyna Silver Birch Betula pendula Sycamore Acer pseudoplatanus	12	avg 200	3	EM	F	Branch stubs evident Crossing and rubbing branches Dead trees noted Dense undergrowth at the base Light ivy cover Minor dead wood evident in the crown (<75mm) Growing adjacent to highway. Dense group providing screening for house to west	18	2.4	C (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G72	Wild Cherry Prunus avium	5	upto 120	2	EM	F	Small group of cherry situated beyond fence on railway embankment close spacing likely self seeded	7	1.4	C (ii)
G73	Blackthorn Prunus spinosa Hawthorn Crataegus monogyna	6	est 100	2	EM	F	Situated on railway embankment unable to access stems low crowns to ground level blackthorn thicket with occasional hawthorn	5	1.2	C (ii)
G74	Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna Dogwood Cornus sanguinea	2	upto 100	1	SM	F	Sporadic trees along railway embankment dense undergrowth suppressing crowns unable to fully access group	5	1.2	C (ii)
G75	Elder Sambucus nigra Hawthorn Crataegus monogyna	2	upto 100	1	SM	F	Sporadic trees along railway embankment dense undergrowth suppressing crowns unable to access group	5	1.2	C (ii)
G76	Elder Sambucus nigra Hawthorn Crataegus monogyna	6	est 200	3	M	F	Sporadic trees situated beyond fence on railway embankment dense undergrowth obscures stems unable to fully access group	18	2.4	C (ii)
G77	Ash Fraxinus excelsior Field Maple Acer campestre Grey Alder Alnus incana	15	upto 370	3	EM / M	G	Likely planted as part of past remediation irregular spacing between trees some self seeding noted within group small diameter dead branches noted in crowns	62	4.4	B (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G78	Ash Fraxinus excelsior Elder Sambucus nigra Goat Willow Salix caprea Hawthorn Crataegus monogyna Silver Birch Betula pendula Sycamore Acer pseudoplatanus Apple Malus domestica Dogwood Cornus sanguinea	8	upto 200	3	EM	F	Sporadic trees along railway embankment dense undergrowth throughout limited screening value with several gaps unable to fully access group	18	2.4	C (ii)
G79	Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna Grey Alder Alnus incana	7	upto 200	2	EM	F	Sporadic trees along railway embankment dense undergrowth throughout limited screening value with several gaps unable to fully access group dead elder noted within group	18	2.4	C (ii)
G80	Blackthorn Prunus spinosa Elder Sambucus nigra English Oak Quercus robur Field Maple Acer campestre Hawthorn Crataegus monogyna	5	upto 150	1.5	SM	G	Recently planted group stock fencing and tree guards crowns maintained along public footpath	10	1.8	C (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G81	Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna Wych Elm Ulmus glabra Hazel Corylus avellana	3	upto 150	2	M	P	Sporadic trees situated beyond fence several dead trees noted dense undergrowth throughout limited screening value ditch through centre of group likely a lapsed hedgerow	10	1.8	C (ii)
G82	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra English Oak Quercus robur Field Maple Acer campestre Hawthorn Crataegus monogyna Hazel Corylus avellana Dogwood Cornus sanguinea Wayfaring tree Viburnum Lantana	5	upto 150	1.5	SM	G	Recently planted group stock fencing crowns maintained along public footpath uneven spacing between trees sparse in sections	10	1.8	B (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G83	Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna Hazel Corylus avellana Dogwood Cornus sanguinea	5	upto 200	3	EM	F	Sporadic trees several large gaps within group mixed age likely established through self seeding limited screening value	18	2.4	C (ii)
G84	Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna Dogwood Cornus sanguinea	4	upto 200	2	EM	F	Sporadic trees along railway embankment limited screening value with several gaps unable to fully access group dead elder noted within group	18	2.4	C (ii)
G85	Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna Apple Malus domestica Hazel Corylus avellana Dogwood Cornus sanguinea	5	upto 200	2	EM	F	Sporadic trees along railway embankment limited screening value with several gaps unable to fully access group dead elder noted within group sparse in sections	18	2.4	C (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G86	Ash Fraxinus excelsior Beech Fagus sylvatica Common Lime Tilia x europaea English Oak Quercus robur Hybrid Black Poplar Populus x canadensis Norway Maple Acer platanoides Sycamore Acer pseudoplatanus Wild Cherry Prunus avium Lombardy Poplar Populus nigra 'Italica' White Poplar Populus alba Norway Spruce Picea abies	18	upto 600	6	M	F / G	Buffer planting along edge of carriageway stock fencing restricts access declining ash noted within group likely ash die back group surveyed from within site collective screening value poplar trees within group show some decline	163	7.2	B (ii)
G87	Hawthorn Crataegus monogyna	5	upto 120	1.5	EM	F	Unmaintained hedgerow moderate screening value situated along grass verge	7	1.4	B (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G88	Ash Fraxinus excelsior Blackthorn Prunus spinosa Common Lime Tilia x europaea English Oak Quercus robur Hawthorn Crataegus monogyna Hybrid Black Poplar Populus x canadensis Norway Maple Acer platanoides Sycamore Acer pseudoplatanus Hornbeam Carpinus betulus Whitebeam Sorbus aria	18	upto 600	6	M	F / G	Buffer planting along edge of carriageway stock fencing restricts access declining ash noted within group likely ash die back group surveyed from within site collective screening value poplar trees within group show some decline	163	7.2	B (ii)
G89	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna Buckthorn Rhamnus cathartica Spindle Euonymus Europaeus	5	upto 200	2	M	F	Unmaintained hedgerow outgrown forms but no significant gaps good species mix and collective value	18	2.4	B (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G90	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna Norway Maple Acer platanoides English Elm Ulmus procera Buckthorn Rhamnus cathartica Spindle Euonymus Europaeus	5	upto 200	2	M	F	Unmaintained hedgerow outgrown forms good species mix sections of dead elm likely Dutch elm disease dead trees and gaps noted	18	2.4	C (ii)
G91	Ash Fraxinus excelsior Blackthorn Prunus spinosa Field Maple Acer campestre Hazel Corylus avellana wild privet Buckthorn Rhamnus cathartica	12	upto 150	3	SM	F	Planted group along embankment for carriageway rabbit fencing around group close spacing between trees collective value	10	1.8	B (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G92	Ash Fraxinus excelsior Elder Sambucus nigra Hawthorn Crataegus monogyna Apple Malus domestica Whitebeam Sorbus aria Buckthorn Rhamnus cathartica Dogwood Cornus sanguinea Wayfaring tree Viburnum Lantana	4	upto 100	1.5	SM	P	Sporadic self seeded trees within grass verge alongside motorway limited screening value ash die back evident	5	1.2	C (ii)
G93	Ash Fraxinus excelsior Field Maple Acer campestre	7	upto 220	2.5	EM	F	Likely planted group along boundary collective value occasional sparse sections	22	2.6	B (ii)
G94	Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna spindle Buckthorn Rhamnus cathartica	8	upto 350	3.5	SM / EM	G	Planted trees within fenced off area alongside railway embankment stock fencing sporadic spacing dense undergrowth throughout unable to fully access group	55	4.2	B (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G95	Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna Buckthorn Rhamnus cathartica	4	upto 200	2	EM	F	Sporadic trees along railway embankment limited screening value with several gaps unable to fully access group maintained along field edge	18	2.4	C (ii)
G96	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna English Elm Ulmus procera Hazel Corylus avellana wild privet Ligustrum Vulgare Dogwood Cornus sanguinea	7	upto 200	3	EM	G	Buffer planting along edge of carriageway recent excavation at southern end of group to install mast crowns maintained along field edge collective value dead elms noted within group	18	2.4	B (ii)
G97	Ash Fraxinus excelsior Hawthorn Crataegus monogyna Sycamore Acer pseudoplatanus Aspen Populus tremula	12	avg 300	5	SM / EM	F	Base obscured Crossing and rubbing branches Epicormic growth evident within the crown Established ivy cover Flail damage evident Interlocking crowns Low crown form Minor dead wood evident in the crown (<75mm)	41	3.6	B (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G98	Ash Fraxinus excelsior English Oak Quercus robur Field Maple Acer campestre Hawthorn Crataegus monogyna	12	est 300	5	SM / EM	F	Base obscured Branch stubs evident Broken branches evident Crossing and rubbing branches Dense undergrowth at the base Epicormic growth evident within the crown Established ivy cover Interlocking crowns Low crown form Minor dead wood evident in the crown (<75mm)	41	3.6	B (ii)
G99	Number no longer in use									
G100	Blackthorn Prunus spinosa Elder Sambucus nigra English Oak Quercus robur Field Maple Acer campestre Hawthorn Crataegus monogyna	8	avg 250	4	SM / EM	F	Crossing and rubbing branches Dense undergrowth at the base Epicormic growth evident within the crown Established ivy cover Interlocking crowns Low crown form Minor dead wood evident in the crown (<75mm) Pruning wounds noted	28	3.0	B (ii)
G101	Number no longer in use									
G102	Number no longer in use									
G103	Number no longer in use									
G104	Number no longer in use									
G105	Number no longer in use									
G106	Number no longer in use									

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G107	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna	2	est 6x 60	2	EM	F	Base obscured Crossing and rubbing branches Dense undergrowth at the base Interlocking crowns Low crown form Outgrown hedgerow	10	1.8	C (ii)
G108	Group no longer present									
G109	Ash Fraxinus excelsior English Oak Quercus robur Field Maple Acer campestre Hawthorn Crataegus monogyna Horse Chestnut Aesculus hippocastanum Dogwood Cornus sanguinea	16	est 650	7	SM / M	F	Base obscured Crossing and rubbing branches Interlocking crowns Low crown form Minor dead wood evident in the crown (<75mm)	191	7.8	B (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G110	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra English Oak Quercus robur Field Maple Acer campestre Hawthorn Crataegus monogyna Horse Chestnut Aesculus hippocastanum Wych Elm Ulmus glabra Dogwood Cornus sanguinea	16	est 650	7	SM / M	F	Base obscured Crossing and rubbing branches Dead trees noted Interlocking crowns Low crown form Minor dead wood evident in the crown (<75mm)	191	7.8	B (ii)
G111	Blackthorn Prunus spinosa Elder Sambucus nigra English Oak Quercus robur Field Maple Acer campestre Hawthorn Crataegus monogyna Horse Chestnut Aesculus hippocastanum Sycamore Acer pseudoplatanus Pear Pyrus communis	12	upto 550	7	EM / M	F	Base obscured Branch stubs evident Crossing and rubbing branches Dense undergrowth at the base Epicormic growth evident within the crown Interlocking crowns Low crown form Minor dead wood evident in the crown (<75mm)	137	6.6	B (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G112	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Hawthorn Crataegus monogyna Hazel Corylus avellana	6	avg 200	3	EM	F	Interlocking crowns with gaps present along group. Small stream running along the south of the group field boundary group with margin land between group and field	18	2.4	C (ii)
G113	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna Hazel Corylus avellana	10	avg 250	4	EM / M	F	Broken branches evident Crossing and rubbing branches Dense undergrowth at the base Interlocking crowns Minor dead wood evident in the crown (<75mm) Unable to gain access Canopy pruned by vehicles on road side by 5m then overhang grows out to centre of road. Dense undergrowth. Surveyed from road side as no access	28	3.0	B (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G114	Ash Fraxinus excelsior Elder Sambucus nigra English Oak Quercus robur Field Maple Acer campestre Horse Chestnut Aesculus hippocastanum Silver Birch Betula pendula Wild Cherry Prunus avium Wych Elm Ulmus glabra Rowan Sorbus aucuparia	4	100	2	SM/EM	F	Bark wounds noted Branch stubs evident Characteristic for species Established ivy cover Interlocking crowns Low crown form No major defects were noted Buffer group planted along roadside.	5	1.2	B (ii)
G115	Field Maple Acer campestre	4	150	1	Yng/SM	G	3 small trees next to entrance to a quarry	10	1.8	C (i)
G116	Ash Fraxinus excelsior Blackthorn Prunus spinosa Hawthorn Crataegus monogyna Wych Elm Ulmus glabra	4	150	2	M	F	Branch stubs evident Flail damage evident Light ivy cover Outgrown hedgerow Poached ground at the base Un-maintained hedgerow	10	1.8	C (i)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G117	Ash Fraxinus excelsior Field Maple Acer campestre Wych Elm Ulmus glabra Crab Apple Malus sylvestris	4	150	2	M	F	Bark wounds noted Basal suckers present Outgrown hedgerow	10	1.8	C (i)
G118	Ash Fraxinus excelsior Beech Fagus sylvatica English Oak Quercus robur Hawthorn Crataegus monogyna Hazel Corylus avellana Corsican Pine Pinus nigra ssp. Laricio	18	avg 350	4	SM / EM	F	Bark wounds noted Branch stubs evident Broken branches evident Characteristic for species Crossing and rubbing branches Dense ivy cover on main stem Epicormic growth evident within the crown Established ivy cover Etiolated form Even crown form Flail damage evident Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm) Pruning wounds noted	55	4.2	B (ii)
G119	Ash Fraxinus excelsior Blackthorn Prunus spinosa Hawthorn Crataegus monogyna Silver Birch Betula pendula English Elm Ulmus procera	8	avg 250	3	SM / EM	F	Dense undergrowth at the base Roadside boundary group around junction Hedge like understory with soke larger outgrown trees. Individual trees would merit category C individually	28	3.0	C (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G120	Elder Sambucus nigra English Oak Quercus robur Goat Willow Salix caprea Hawthorn Crataegus monogyna Horse Chestnut Aesculus hippocastanum Norway Maple Acer platanoides	15	avg 500	6	SM / EM	F	Bark wounds noted Branch stubs evident Broken branches evident Characteristic for species Crossing and rubbing branches Dense undergrowth at the base Even crown form Formally planted group of tree for screening of water treatment works	113	6.0	B (ii)
G121	Ash Fraxinus excelsior Elder Sambucus nigra Hawthorn Crataegus monogyna Horse Chestnut Aesculus hippocastanum Sycamore Acer pseudoplatanus	17	avg 450	5	Yng / SM / EM	F	Bark wounds noted Branch socket cavities observed Branch stubs evident Broken branches evident Compacted ground at the base Dense ivy cover on main stem Dense undergrowth at the base Even crown form Pruning wounds noted	92	5.4	B (ii)
G122	Blackthorn Prunus spinosa Elder Sambucus nigra Hawthorn Crataegus monogyna	5	avg 350	4	SM / EM	F	Dense undergrowth at the base Boundary roadside group to the north of the road Limited arboricultural value Dense bramble throughout	55	4.2	C (ii)
G123	Crack Willow Salix fragilis Hawthorn Crataegus monogyna	10	avg 100	2	Yng / SM	F	Characteristic for species Even crown form Multi leadered form Multi stemmed from base Single stem forms Sporadic self-seeded group of trees	5	1.2	C (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G124	Ash Fraxinus excelsior Blackthorn Prunus spinosa Crack Willow Salix fragilis Elder Sambucus nigra English Oak Quercus robur Goat Willow Salix caprea Hawthorn Crataegus monogyna	7	avg 350	4	SM / EM	F	Dense undergrowth at the base Boundary group extending out of woodland	55	4.2	C (ii)
G125	Ash Fraxinus excelsior Blackthorn Prunus spinosa Field Maple Acer campestre Hawthorn Crataegus monogyna spindle	7	upto 200	2	EM	G	Linear group along field edge flailed along edge of track	18	2.4	B (ii)
G126	Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna	10	upto 250	2	EM	G	Short section of planted hedgerow with specimen trees maintained along field edge	28	3.0	B (ii)
G127	Hybrid Black Poplar Populus x canadensis	16	upto 200	2	EM	F	Recently planted tree group row planted close spacing between trees with rides	18	2.4	B (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G128	Beech Fagus sylvatica Sycamore Acer pseudoplatanus Laural Prunus Laurocerasus London Plane Platanus x hispanica Leyland Cypress Cupressocyparis leylandii Scots Pine Pinus sylvestris Yew Taxus baccata	18	upto 800	9	M	F	Base obscured Characteristic for species Situated offsite	290	9.6	B (ii)
G129	Elder Sambucus nigra Hawthorn Crataegus monogyna Norway Maple Acer platanoides Crab Apple Malus sylvestris Holly Ilex aquifolium Purple Plum Prunus cerasifera Pissardii	8	upto 350	4	EM / M	F	Situated offsite Unable to gain access	55	4.2	B (ii)
G130	Number no longer in use									
G131	Number no longer in use									
G132	Number no longer in use									

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G133	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Hawthorn Crataegus monogyna Sycamore Acer pseudoplatanus English Elm Ulmus procera	16	upto 350	4	SM / EM / M	F	Characteristic for species Roadside vegetation	55	4.2	B (ii)
G134	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Hawthorn Crataegus monogyna Sycamore Acer pseudoplatanus English Elm Ulmus procera	16	upto 350	4	SM / EM / M	F	Characteristic for species Roadside vegetation	55	4.2	B (ii)
G135	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Hawthorn Crataegus monogyna Sycamore Acer pseudoplatanus English Elm Ulmus procera	16	upto 350	4	SM / EM / M	F	Characteristic for species Roadside vegetation	55	4.2	B (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G136	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Hawthorn Crataegus monogyna Sycamore Acer pseudoplatanus English Elm Ulmus procera	16	upto 350	4	SM / EM / M	F	Characteristic for species Roadside vegetation	55	4.2	B (ii)
G137	Leyland Cypress Cupressocyparis leylandii	18	est 300	3	M	F	Characteristic for species	41	3.6	B (ii)
G138	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Hawthorn Crataegus monogyna Sycamore Acer pseudoplatanus English Elm Ulmus procera	16	upto 350	4	SM / EM / M	F	Characteristic for species Roadside vegetation	55	4.2	B (ii)
G139	Ash Fraxinus excelsior Blackthorn Prunus spinosa English Oak Quercus robur Field Maple Acer campestre Hawthorn Crataegus monogyna Crab Apple Malus sylvestris	12	upto 350	3	SM / EM	F	Roadside buffer planting	55	4.2	B (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G140	Ash Fraxinus excelsior Blackthorn Prunus spinosa English Oak Quercus robur Field Maple Acer campestre Hawthorn Crataegus monogyna Crab Apple Malus sylvestris	12	upto 350	3	SM / EM	F	Roadside buffer planting	55	4.2	B (ii)
G141	Ash Fraxinus excelsior Blackthorn Prunus spinosa English Oak Quercus robur Field Maple Acer campestre Hawthorn Crataegus monogyna Crab Apple Malus sylvestris	12	upto 350	3	SM / EM	F	Roadside buffer planting	55	4.2	B (ii)
G142	Ash Fraxinus excelsior Blackthorn Prunus spinosa English Oak Quercus robur Field Maple Acer campestre Hawthorn Crataegus monogyna Crab Apple Malus sylvestris	12	upto 350	3	SM / EM	F	Roadside buffer planting	55	4.2	B (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G143	Ash Fraxinus excelsior Elder Sambucus nigra English Oak Quercus robur Hawthorn Crataegus monogyna Apple Malus domestica	20	upto 1000	8	SM / EM / M	F	Characteristic for species Mature woodland group	452	12.0	A (ii)
G144	Ash Fraxinus excelsior Elder Sambucus nigra Hawthorn Crataegus monogyna Hazel Corylus avellana	11	upto 200	3	SM / EM	P / F	Characteristic for species Dead trees noted Dense undergrowth at the base	18	2.4	C (ii)
G145	Ash Fraxinus excelsior Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna Hazel Corylus avellana	11	upto 200	3	SM / EM	P / F	Characteristic for species Dead trees noted Dense undergrowth at the base	18	2.4	C (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G146	Ash Fraxinus excelsior Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna Hazel Corylus avellana	14	upto 300	4	SM / EM	P / F	Characteristic for species Dead trees noted Dense undergrowth at the base	41	3.6	C (ii)
G147	Ash Fraxinus excelsior Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna Hazel Corylus avellana	14	upto 200	4	SM / EM	P / F	Characteristic for species Dead trees noted Dense undergrowth at the base	18	2.4	C (ii)
G148	Ash Fraxinus excelsior Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna Hazel Corylus avellana	14	upto 200	4	SM / EM	P / F	Characteristic for species Dead trees noted Dense undergrowth at the base	18	2.4	C (ii)
G149	Ash Fraxinus excelsior Goat Willow Salix caprea	10	300	4	SM	F	Outgrown hedgerow	41	3.6	C (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G150	Ash Fraxinus excelsior	9	300	3	SM	F	Characteristic for species	41	3.6	C (ii)
G151	Ash Fraxinus excelsior Elder Sambucus nigra English Oak Quercus robur Goat Willow Salix caprea Hawthorn Crataegus monogyna Hazel Corylus avellana Laural Prunus Laurocerasus Privet Ligustrum ovalifolium Dogwood Cornus sanguinea	12	est 200	3	EM / M	F	Branch stubs evident Crossing and rubbing branches Dead trees noted Dense undergrowth at the base Interlocking crowns Pruning wounds noted Newly planted trees at edge now POS	18	2.4	C (ii)

Hedge No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
HEDGEROWS										
H1	Elder Sambucus nigra English Elm Ulmus procera	2	avg 90 90 90	1	M	F	Crossing and rubbing branches Flail damage evident Maintained hedgerow	11	1.9	C (ii)
H2	Elder Sambucus nigra English Elm Ulmus procera	1	avg 90 90 90	1	M	F	Crossing and rubbing branches Flail damage evident Maintained hedgerow	11	1.9	C (ii)
H3	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna Privet Ligustrum ovalifolium spindle Dogwood Cornus sanguinea	1	avg 6x 60	0.5	M	F	Crossing and rubbing branches Flail damage evident Maintained hedgerow	10	1.8	C (ii)
H4	Hawthorn Crataegus monogyna Aspen Populus tremula Dogwood Cornus sanguinea	3	est 6x 60	1	EM	F	Crossing and rubbing branches Flail damage evident Maintained hedgerow	10	1.8	C (ii)

Hedge No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
H5	Blackthorn Prunus spinosa Elder Sambucus nigra Hawthorn Crataegus monogyna English Elm Ulmus procera	1	est 6x 60	1	M	F	Crossing and rubbing branches Flail damage evident Maintained hedgerow Old laid forms	10	1.8	C (ii)
H6	Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna English Elm Ulmus procera Hazel Corylus avellana Privet Ligustrum ovalifolium Dogwood Cornus sanguinea	2	est 6x 80	1	M	F	Crossing and rubbing branches Flail damage evident Maintained hedgerow Old laid forms	17	2.4	C (ii)
H7	Ash Fraxinus excelsior Elder Sambucus nigra Field Maple Acer campestre English Elm Ulmus procera Privet Ligustrum ovalifolium spindle Dogwood Cornus sanguinea	2	est 6x 80	1	M	F	Crossing and rubbing branches Flail damage evident Maintained hedgerow Old laid forms	17	2.4	C (ii)

Hedge No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
H8	Blackthorn Prunus spinosa Elder Sambucus nigra English Elm Ulmus procera Hazel Corylus avellana spindle	3	est 6x 60	1	M	P	Crossing and rubbing branches Dense undergrowth at the base Established ivy cover	10	1.8	C (ii)
H9	Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna Hazel Corylus avellana Privet Ligustrum ovalifolium spindle	2	est 6x 80	1	M	F	Crossing and rubbing branches Flail damage evident Gaps present in hedgerow Maintained hedgerow Old laid forms	17	2.4	C (ii)
H10	Ash Fraxinus excelsior Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna Hazel Corylus avellana Privet Ligustrum ovalifolium wayfairing spindle Dogwood Cornus sanguinea	2	est 6x 90	1	M	F	Crossing and rubbing branches Flail damage evident Gaps present in hedgerow Maintained hedgerow Old laid forms	22	2.6	B (ii)

Hedge No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
H11	Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hazel Corylus avellana Dogwood Cornus sanguinea	2	est 6x 60	1	M	F	Crossing and rubbing branches Flail damage evident Gaps present in hedgerow Maintained hedgerow Old laid forms	10	1.8	C (ii)
H12	Blackthorn Prunus spinosa Hawthorn Crataegus monogyna	3	est 100 100 100	1	M	F	Crossing and rubbing branches Established ivy cover Outgrown hedgerow	14	2.1	C (ii)
H13	Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna	2	est 6x 60	1	M	F	Crossing and rubbing branches Flail damage evident Gaps present in hedgerow Maintained hedgerow Old laid forms	10	1.8	C (ii)

Hedge No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
H14	Ash Fraxinus excelsior Blackthorn Prunus spinosa English Oak Quercus robur Field Maple Acer campestre Sycamore Acer pseudoplatanus English Elm Ulmus procera Hazel Corylus avellana Dogwood Cornus sanguinea	4	est 6x 90	1	M	F	Crossing and rubbing branches Dead trees noted Dense undergrowth at the base Dieback of the crown observed Flail damage evident Old laid forms Outgrown hedgerow	22	2.6	C (ii)
H15	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna Privet Ligustrum ovalifolium spindle	1	6x 60	1	EM	P	Close cultivation of the soil Flail damage evident Gaps present in hedgerow Maintained hedgerow	10	1.8	C (ii)

Hedge No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
H16	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna Privet Ligustrum ovalifolium spindle	1	6x 100	2	M	P	Close cultivation of the soil Flail damage evident Gaps present in hedgerow Maintained hedgerow	27	2.9	C (ii)
H17	Ash Fraxinus excelsior Blackthorn Prunus spinosa English Oak Quercus robur Hawthorn Crataegus monogyna	2	est 6x 60	1	EM	F	Crossing and rubbing branches Flail damage evident Maintained hedgerow Situated offsite	10	1.8	C (ii)
H18	Ash Fraxinus excelsior Blackthorn Prunus spinosa Field Maple Acer campestre spindle	2	avg 100 100 100	1.5	M	F	Branch stubs evident Broken branches evident Flail damage evident Maintained hedgerow Old laid forms	14	2.1	C (ii)

Hedge No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
H19	Ash Fraxinus excelsior Blackthorn Prunus spinosa English Oak Quercus robur Field Maple Acer campestre Hawthorn Crataegus monogyna Sycamore Acer pseudoplatanus Dogwood Cornus sanguinea	2	est 6x 80	1	M	F	Crossing and rubbing branches Flail damage evident Gaps present in hedgerow Maintained hedgerow Old laid forms	17	2.4	C (ii)
H20	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Hawthorn Crataegus monogyna English Elm Ulmus procera Hazel Corylus avellana spindle Dogwood Cornus sanguinea	2	est 6x 80	1	M	F	Crossing and rubbing branches Flail damage evident Maintained hedgerow Old laid forms	17	2.4	C (ii)
H21	Blackthorn Prunus spinosa Field Maple Acer campestre Hawthorn Crataegus monogyna Dogwood Cornus sanguinea	2	est 6x 60	1	M	F	Crossing and rubbing branches Flail damage evident Gaps present in hedgerow Maintained hedgerow	10	1.8	C (ii)

Hedge No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
H22	Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna English Elm Ulmus procera Hazel Corylus avellana Dogwood Cornus sanguinea	2	est 6x 80	1	M	F	Crossing and rubbing branches Flail damage evident Maintained hedgerow	17	2.4	C (ii)
H23	Blackthorn Prunus spinosa Elder Sambucus nigra Hawthorn Crataegus monogyna	2	est 6x 80	1	M	F	Crossing and rubbing branches Flail damage evident Gaps present in hedgerow Maintained hedgerow	17	2.4	C (ii)
H24	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna English Elm Ulmus procera spindle	1	est 6x 90	1	M	F	Crossing and rubbing branches Flail damage evident Maintained hedgerow Old laid forms	22	2.6	C (ii)

Hedge No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
H25	Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna spindle	2	est 6x 60	1	M	F	Crossing and rubbing branches Flail damage evident Maintained hedgerow Old laid forms	10	1.8	C (ii)
H26	Blackthorn Prunus spinosa Hawthorn Crataegus monogyna	2	est 6x 80	1	M	F	Crossing and rubbing branches Flail damage evident Gaps present in hedgerow Maintained hedgerow Old laid forms	17	2.4	C (ii)
H27	Elder Sambucus nigra Hawthorn Crataegus monogyna Western Red Cedar Thuja plicata	2	avg 110	1	EM	G	Maintained hedgerow Sparse lower crowns	5	1.3	B (ii)
H28	Beech Fagus sylvatica	3	avg 150	1.5	EM	G	Maintained hedgerow	10	1.8	B (ii)
H29	Beech Fagus sylvatica	3	avg 150	1.5	EM	G	Maintained hedgerow	10	1.8	B (ii)
H30	Hawthorn Crataegus monogyna	3	avg 100	1	EM	G	Maintained hedgerow	5	1.2	B (ii)
H31	Elder Sambucus nigra Hawthorn Crataegus monogyna	3.5	avg 140	1	EM	F	Gaps present in hedgerow Maintained hedgerow	9	1.7	C (ii)

Hedge No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
H32	Leyland Cypress Cupressocyparis leylandii	4	est 250	1	EM	F	Maintained hedgerow Previously reduced	28	3.0	B (ii)
H33	Ash Fraxinus excelsior Blackthorn Prunus spinosa Hawthorn Crataegus monogyna	3.5	est 120	1	EM	P / F	Dense ivy cover on main stem Dense undergrowth at the base Gaps present in hedgerow Maintained hedgerow	7	1.4	C (ii)
H34	Blackthorn Prunus spinosa Elder Sambucus nigra Hawthorn Crataegus monogyna Sycamore Acer pseudoplatanus	2	avg 90 90 90	0.5	EM	F	Flail damage evident Maintained hedgerow	11	1.9	C (ii)
H35	Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hazel Corylus avellana	1.5	est 90	0.5	SM	F	Gaps present in hedgerow Maintained hedgerow Sparse	4	1.1	C (ii)
H36	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hazel Corylus avellana	1.5	est 90	0.5	SM	F	Gaps present in hedgerow Maintained hedgerow Sections of new hedgerow planting outgrown around poles	4	1.1	C (ii)

Hedge No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
H37	Blackthorn Prunus spinosa Hawthorn Crataegus monogyna Hazel Corylus avellana	1.5	90 90 90	1	EM	F	Maintained hedgerow	11	1.9	C (ii)
H38	Blackthorn Prunus spinosa Hawthorn Crataegus monogyna Horse Chestnut Aesculus hippocastanum	1.5	avg 90 90 90	1	EM	F	Maintained hedgerow	11	1.9	C (ii)
H39	Blackthorn Prunus spinosa Goat Willow Salix caprea Sycamore Acer pseudoplatanus	1.5	est 90 90 90 90	1.5	EM	F	Crown had been topped Flail damage evident Maintained hedgerow	15	2.2	C (ii)
H40	Blackthorn Prunus spinosa Elder Sambucus nigra Hazel Corylus avellana	1	est 90 90 90	0.5	EM	F	Flail damage evident Maintained hedgerow Very sparse	11	1.9	C (ii)
H41	Blackthorn Prunus spinosa English Oak Quercus robur Field Maple Acer campestre Hazel Corylus avellana	2	120	1	EM	F	Gaps present in hedgerow Maintained hedgerow	7	1.4	C (ii)

Hedge No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
H42	Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Bird Cherry Prunus padus	1.5	90 90 90	1	EM	F	Gaps present in hedgerow Maintained hedgerow	11	1.9	C (ii)
H43	Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Bird Cherry Prunus padus	1.5	90 90 90	1	EM	F	Gaps present in hedgerow Maintained hedgerow	11	1.9	C (ii)
H44	Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Bird Cherry Prunus padus	1.5	90 90 90	1	EM	F	Gaps present in hedgerow Maintained hedgerow	11	1.9	C (ii)
H45	Blackthorn Prunus spinosa Field Maple Acer campestre Hawthorn Crataegus monogyna Hazel Corylus avellana	6	est 250	3	EM	F	Roadside hedge line situated between field and highway verge. Even age structure	28	3.0	C (ii)

Hedge No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
H46	Field Maple Acer campestre Hawthorn Crataegus monogyna	5	est 120	1.5	EM	F	Hedgerow that extends to c.50m short of the full width of the field. C.1m margin left either side of hedgerow.	7	1.4	C (ii)
H47	Blackthorn Prunus spinosa Field Maple Acer campestre Hawthorn Crataegus monogyna Wild Cherry Prunus avium Hazel Corylus avellana	6	est 250	3	EM	F	Roadside hedge situated between highway verge and field. Even age structure. Specimens starting to show distinct canopies.	28	3.0	C (ii)
H48	Ash Fraxinus excelsior Blackthorn Prunus spinosa Field Maple Acer campestre Hawthorn Crataegus monogyna Sycamore Acer pseudoplatanus Hazel Corylus avellana	6	avg 200	3	EM	F	Dead trees noted Dense undergrowth at the base Flail damage evident Minor dead wood evident in the crown (<75mm) Pruning wounds noted Boundary group growing between the field and highway. Dense form heavily laidened with bramble.	18	2.4	C (ii)
H49	Blackthorn Prunus spinosa Elder Sambucus nigra Hawthorn Crataegus monogyna Norway Maple Acer platanoides Silver Birch Betula pendula Hazel Corylus avellana	5	avg 150	2.5	EM	F	Roadside boundary hedge canopies extend upto road edge.	10	1.8	C (ii)

Hedge No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
H50	Ash Fraxinus excelsior Field Maple Acer campestre Hawthorn Crataegus monogyna Sycamore Acer pseudoplatanus Hazel Corylus avellana	5	avg 150	3	SM / EM	P / F	Dead trees noted Gaps present in hedgerow Interlocking crowns Minor dead wood evident in the crown (<75mm) Scrappy hedgerow along the slip road unremarkable	10	1.8	C (ii)
H51	Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna Hazel Corylus avellana Spindle Euonymus Europaeus Wayfaring tree Viburnum Lantana	3	avg 150	1	M	G	Maintained hedgerow no significant gaps	10	1.8	B (ii)
H52	Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna Hazel Corylus avellana Spindle Euonymus Europaeus Wayfaring tree Viburnum Lantana	3	avg 150	1	M	G	Maintained hedgerow no significant gaps	10	1.8	B (ii)

Hedge No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
H53	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Hawthorn Crataegus monogyna English Elm Ulmus procera Hazel Corylus avellana Privet Ligustrum ovalifolium	3	avg 80	1	M	G	Maintained hedgerow short section of elm with dead trees noted	3	1.0	B (ii)
H54	Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna Hazel Corylus avellana Spindle Euonymus Europaeus Wayfaring tree Viburnum Lantana	3	avg 1	1	M	G	Maintained hedgerow no significant gaps	0	0.0	B (ii)

Hedge No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
H55	Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna Hazel Corylus avellana Spindle Euonymus Europaeus Wayfaring tree Viburnum Lantana	3	avg 150	1	M	G	Maintained hedgerow no significant gaps	10	1.8	B (ii)
H56	Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Sycamore Acer pseudoplatanus	3	avg 80	1	M	F	Maintained hedgerow no significant gaps section along carriageway gas been reduced to 1m	3	1.0	C (ii)
H57	Western Red Cedar Thuja plicata	1	est 150	1	Yng	F	Interlocking crowns Low crown form	10	1.8	C (ii)
H58	Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna Dogwood Cornus sanguinea	2	est 6x 60	1	EM	F	Base obscured Crossing and rubbing branches Maintained hedgerow	10	1.8	C (ii)

Hedge No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
H59	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna Sycamore Acer pseudoplatanus Dogwood Cornus sanguinea	3	est 6x 80	1	EM	F	Base obscured Crossing and rubbing branches Maintained hedgerow	17	2.4	B (ii)
H60	Elder Sambucus nigra Hawthorn Crataegus monogyna	2	est 6x 60	1	EM	F	Crossing and rubbing branches Dense undergrowth at the base Maintained hedgerow	10	1.8	C (ii)
H61	Blackthorn Prunus spinosa Elder Sambucus nigra Hawthorn Crataegus monogyna	2	avg 6x 60	1	EM	F	Crossing and rubbing branches Gaps present in hedgerow Maintained hedgerow	10	1.8	C (ii)

Hedge No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
H62	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Hawthorn Crataegus monogyna English Elm Ulmus procera Hazel Corylus avellana Dogwood Cornus sanguinea	3	avg 6x 60	1	EM	F	Crossing and rubbing branches Gaps present in hedgerow Maintained hedgerow Chalara fraxinea Ash dieback	10	1.8	B (ii)
H63	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Hawthorn Crataegus monogyna English Elm Ulmus procera Hazel Corylus avellana Dogwood Cornus sanguinea	3	avg 6x 60	1	EM	F	Crossing and rubbing branches Gaps present in hedgerow Maintained hedgerow Chalara fraxinea Ash dieback	10	1.8	B (ii)
H64	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Hawthorn Crataegus monogyna	2	est 6x 60	1	EM	F	Crossing and rubbing branches Gaps present in hedgerow Maintained hedgerow	10	1.8	C (ii)

Hedge No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
H65	Elder Sambucus nigra Field Maple Acer campestre Privet Ligustrum ovalifolium	2	est 6x 60	1	EM	F	Crossing and rubbing branches Dense undergrowth at the base Maintained hedgerow	10	1.8	C (ii)
H66	Ash Fraxinus excelsior Blackthorn Prunus spinosa Hawthorn Crataegus monogyna Sycamore Acer pseudoplatanus Privet Ligustrum ovalifolium	2	est 6x 60	2	EM	F	Base obscured Dense undergrowth at the base Gaps present in hedgerow Maintained hedgerow	10	1.8	C (ii)
H67	Ash Fraxinus excelsior Blackthorn Prunus spinosa Hawthorn Crataegus monogyna Sycamore Acer pseudoplatanus Privet Ligustrum ovalifolium	2	est 6x 60	2	EM	F	Base obscured Dense undergrowth at the base Gaps present in hedgerow Maintained hedgerow	10	1.8	C (ii)

Hedge No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
H68	Ash Fraxinus excelsior Blackthorn Prunus spinosa Hawthorn Crataegus monogyna Sycamore Acer pseudoplatanus Privet Ligustrum ovalifolium	2	est 6x 60	1	EM	F	Base obscured Dense undergrowth at the base Gaps present in hedgerow Maintained hedgerow	10	1.8	C (ii)
H69	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra English Oak Quercus robur Field Maple Acer campestre Hawthorn Crataegus monogyna Sycamore Acer pseudoplatanus English Elm Ulmus procera Hazel Corylus avellana	8	avg 200	3	EM	F	Branch stubs evident Crossing and rubbing branches Dead trees noted Interlocking crowns Minor dead wood evident in the crown (<75mm) Overhead cables Road side hedgerow that is laterally pruned by vehicles up to 6m. Typical form no access to base.	18	2.4	C (ii)
H70	Blackthorn Prunus spinosa Hawthorn Crataegus monogyna	1	avg 60 60 60 60 60	0.5	SM	F	Branch stubs evident Even crown form Flail damage evident Gaps present in hedgerow Maintained hedgerow	8	1.6	C (ii)

Hedge No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
H71	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Hawthorn Crataegus monogyna	1.2	avg 60 60 60 60 60	0.5	SM	F	Even crown form Flail damage evident Maintained hedgerow	8	1.6	C (ii)
H72	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Hawthorn Crataegus monogyna	1.5	avg 100 100 100 100 100	0.5	SM	F	Even crown form Flail damage evident Maintained hedgerow	23	2.7	C (ii)
H73	Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna spindle	4	avg 150	1.5	M	F	Outgrown hedgerow occasional outgrown trees dense undergrowth	10	1.8	C (ii)

Hedge No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
H74	Holly Ilex aquifolium Privet Ligustrum ovalifolium	2	upto 75	0.5	M	F	Maintained hedgerow	3	0.9	C (ii)
H75	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Hawthorn Crataegus monogyna	2	est 6x 60	1	M	F	Maintained hedgerow Outgrown in places	10	1.8	C (ii)
H76	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Hawthorn Crataegus monogyna English Elm Ulmus procera	2	est 6x 60	1	M	F	Maintained hedgerow Outgrown in places	10	1.8	C (ii)
H77	Blackthorn Prunus spinosa Elder Sambucus nigra Hawthorn Crataegus monogyna	1.5	est 6x 60	1	M	F	Maintained hedgerow Outgrown in places	10	1.8	C (ii)

Hedge No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
H78	Blackthorn Prunus spinosa Elder Sambucus nigra Hawthorn Crataegus monogyna	1.5	est 6x 60	2	M	F	Maintained hedgerow Outgrown in places	10	1.8	C (ii)
H79	Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna	1.5	150	1	SM	F	Maintained hedgerow	10	1.8	C (ii)
H80	Elder Sambucus nigra Field Maple Acer campestre Hawthorn Crataegus monogyna	1.5	150	1	SM	F	Maintained hedgerow	10	1.8	C (ii)

Wood No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
WOODLANDS										
W1	Ash Fraxinus excelsior Beech Fagus sylvatica Blackthorn Prunus spinosa Elder Sambucus nigra English Oak Quercus robur Field Maple Acer campestre Hawthorn Crataegus monogyna Sycamore Acer pseudoplatanus Common Larch Larix decidua Leyland Cypress Cupressocyparis leylandii Scots Pine Pinus sylvestris spindle	17	avg 300	5	EM	F	Area of planted mixed species woodland no obvious management typical defects noted moderate landscape and conservation value	41	3.6	B (ii),B (iii)
W2	Elder Sambucus nigra English Oak Quercus robur Sycamore Acer pseudoplatanus	18	avg 250	4	SM / EM	F	Predominantly planted sycamore Overhead line through woodland Occasional early mature oak Flailed along field boundary No obvious management	28	3.0	B (ii),B (iii)

Wood No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
W3	Ash Fraxinus excelsior Blackthorn Prunus spinosa Field Maple Acer campestre Hawthorn Crataegus monogyna Sycamore Acer pseudoplatanus	12	avg 350	5	EM / M	F	Broken branches evident Crossing and rubbing branches Dead trees noted Dense undergrowth at the base Interlocking crowns Light ivy cover Minor dead wood evident in the crown (<75mm) Large boundary woodland group between highway and service station. Mature trees present with regrowth noted throughout. Mixture of mature and early mature specimens.	55	4.2	B (ii),B (iii)
W4	Ash Fraxinus excelsior Beech Fagus sylvatica Blackthorn Prunus spinosa Crack Willow Salix fragilis Elder Sambucus nigra English Oak Quercus robur Field Maple Acer campestre Horse Chestnut Aesculus hippocastanum Hybrid Black Poplar Populus x canadensis Norway Maple Acer platanoides Sycamore Acer pseudoplatanus Wych Elm Ulmus glabra Aspen Populus tremula Leyland Cypress Cupressocyparis leylandii Norway Spruce Picea abies	22	avg 850	10	SM / EM / M	F	Base obscured Branch socket cavities observed Branch stubs evident Broken branches evident Crossing and rubbing branches Dense undergrowth at the base Epicormic growth evident within the crown Established ivy cover Etiolated form Interlocking crowns Low crown form Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm) Cameraria ohridella Horse chestnut leaf miner Chalara fraxinea Ash dieback	327	10.2	A (ii), A (iii)

Wood No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
W5	Ash Fraxinus excelsior Field Maple Acer campestre Hawthorn Crataegus monogyna Silver Birch Betula pendula Sycamore Acer pseudoplatanus Wild Cherry Prunus avium Aspen Populus tremula Scots Pine Pinus sylvestris	15	upto 500	4	M	G	Recently planted woodland along edge of path and stream some management situated beyond site boundary	113	6.0	B (ii)

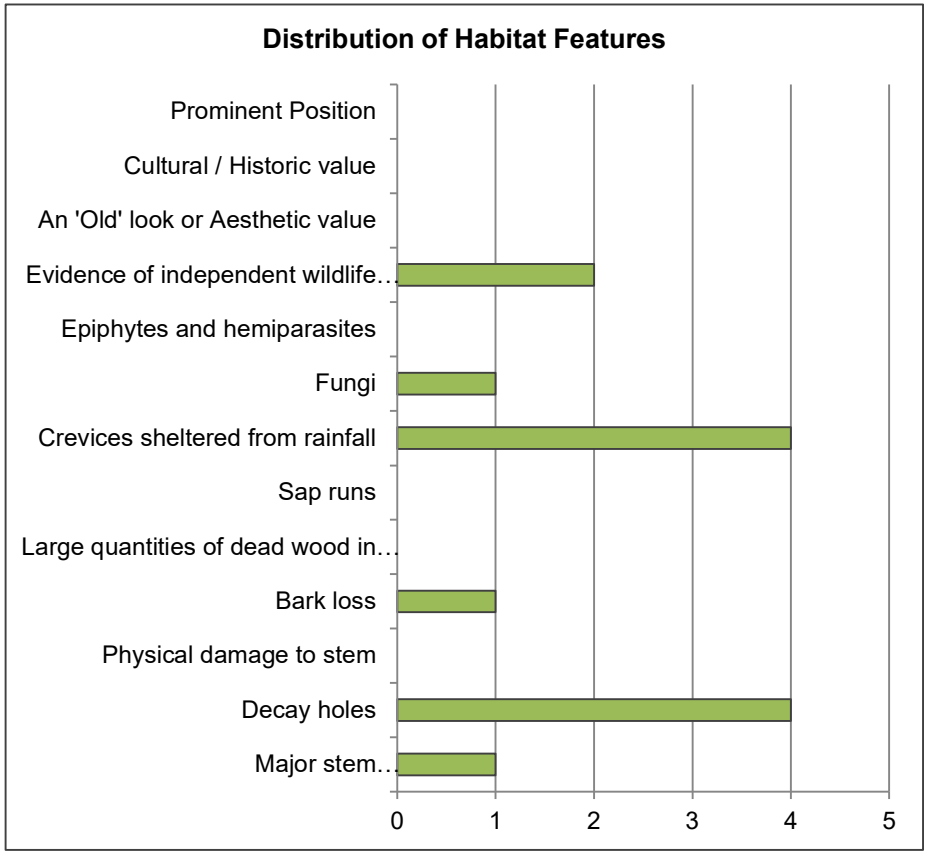
Appendix B - Veteran Tree Schedule

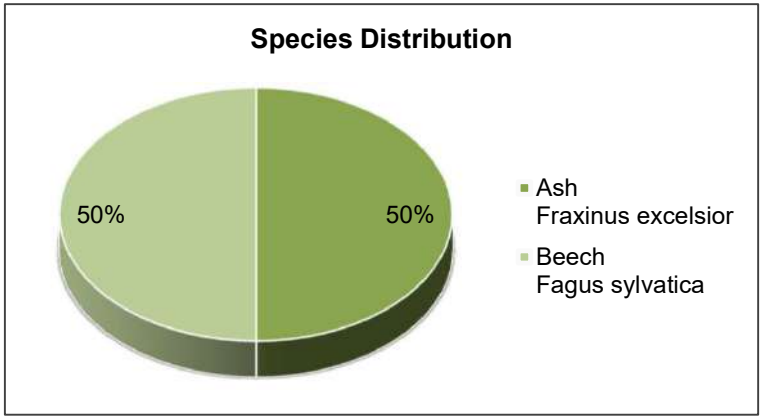
Key	Dimensions and Habitat Features		Associated Wildlife	Aesthetics
Tree considered Veteran	DBH (mm) - Stem diameter measured at 1.5m above ground level in mm	Major trunk cavities - Cavity to exceed 30% of stem diameter or to be progressively developing	Crevices sheltered from rainfall - Dry, potential invertebrate habitat	An old look or Aesthetic value - Striking form or particularly gnarled
	Large girth for species - as described by the Veteran Tree Initiative	Large quantities of dead wood in canopy - More than 50% of crown dead or dying back	Evidence of independent wildlife species - Droppings, nests, pellets	Cultural/historic value - Parkland tree, field or road marker
		Physical damage to trunk - Often as a result of storm damage	Fungi - Polypores or Basidio-mycetes on or around tree	Prominent Position - Visually prominent in its landscape
		Decay Holes - Branch socket cavities on limbs or main stem	Epiphytes or Hemiparasites - lichen, liverworts, ivy, mistletoe	
		Epicormic Growth - Strong vigourous epicormic growth present about the tree		
		Bark Loss - Bark missing from main stem in large quantities		
		Sap Runs - Either from cracks in bark or cavities		

This document should be read in conjunction with the Arboricultural Assessment. The National Planning Policy Framework, a key government policy document, stresses the importance of Ancient and Veteran trees. From an ecological perspective veteran trees provide a rare and very specialist niche habitat and therefore preservation of this habitat is considered highly important. It would therefore be recommended that a detailed assesment be undertaken of the veteran habitat and this schedule should only be used as a guide to the presence of veteran trees on the site.

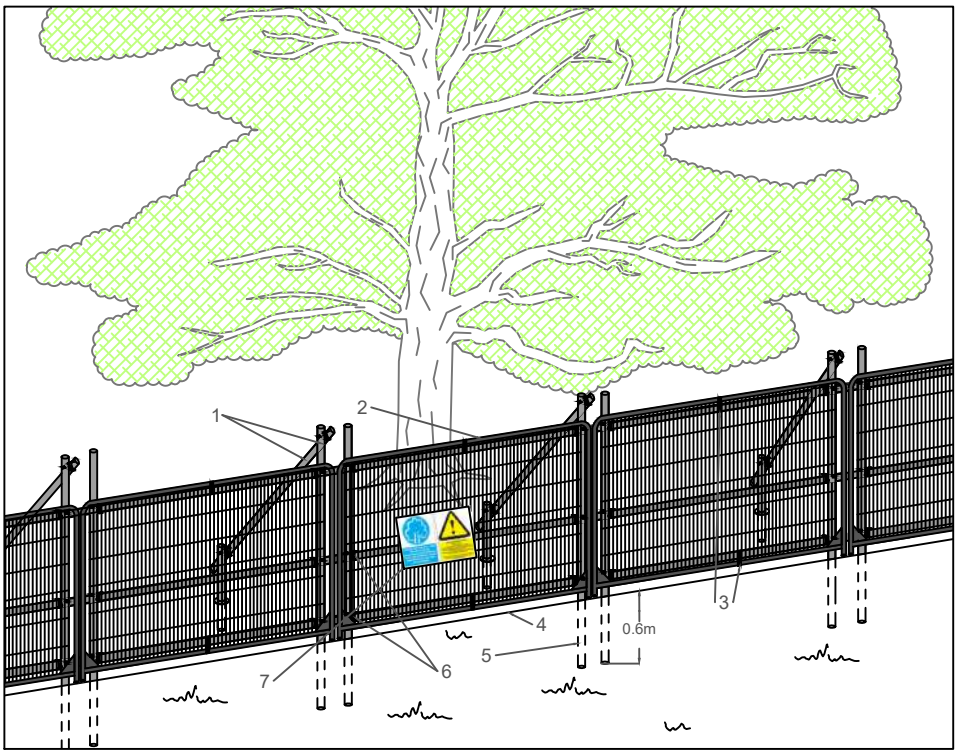
Distribution of Habitat Features - Displays the total of each habitat feature present in the surveyed tree cover. The proportion of trees with these features can be used to determine the condition and risks to the veteran tree stock.

Species Distribution - Shows the proportion of Veteran and Future Veterans for each species found during the assessment.



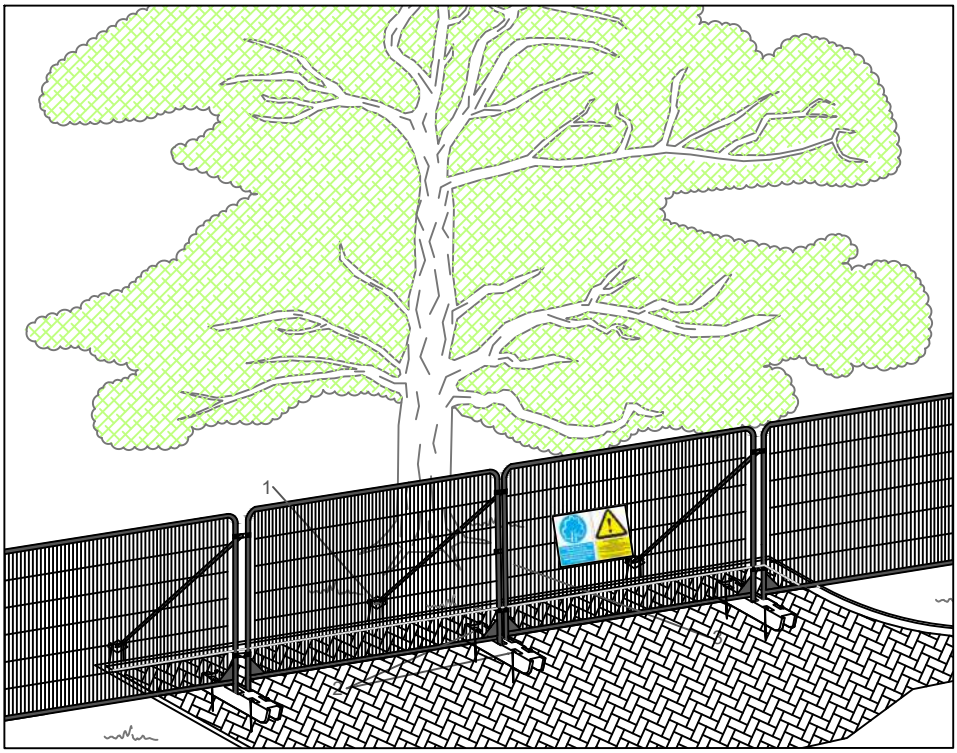


Identification		Dimensions				Habitat Features							Associated Wildlife				Aesthetics		
Tree No	Species	**Large girth for species**	Girth (cm)	Measurement height (m)	Form	Major stem cavities / hollowing	Decay holes	Physical damage to stem	Bark loss	Epicormic Growth	Large quantities of dead wood in canopy	Sap runs	Crevices sheltered from rainfall	Fungi	Epiphytes and hemiparasites	Evidence of independent wildlife species	An 'Old' look or Aesthetic value	Cultural / Historic value	Prominent Position
T93	Ash Fraxinus excelsior	Yes	390	1.5	M		✓						✓			✓			
T150	Beech Fagus sylvatica	Yes	427	1.5	M		✓						✓	✓					
T152	Beech Fagus sylvatica	Yes	383	1.5	M		✓		✓				✓			✓			
T170	Ash Fraxinus excelsior	Yes	377	1.5	M	✓	✓			✓			✓						



Standard specification for protective barrier

1. Standard scaffold poles
2. Heavy gauge 2m tall galvanized tube and welded mesh infill panels
3. Panels secured to scaffold frame with wire ties
4. Ground level
5. Uprights driven into the ground until secure (min depth of 0.6m)
6. Standard scaffold clamps
7. Construction Exclusion Zone signs



Above ground stabilising systems

1. Stabiliser strut with base plate secured with ground pins
2. Feet blocks secured with ground pins
3. Construction Exclusion Zone signs

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NOTES

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APPENDIX C
PROTECTIVE FENCING SPECIFICATIONS

CAD file: S:\Arb resources\Basic Templates\Tree Protection\Appendix A - Protective Fencing A4.dwg

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